

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120918\
 Data File : BF111232.D
 Acq On : 10 Dec 2018 10:34
 Operator : JU/SJ
 Sample : PB115080BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 10 13:56:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 01:15:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	616577	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	2422032	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	1100700	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1859315	20.00	ng	0.00
76) Chrysene-d12	13.96	240	1140601	20.00	ng	0.00
87) Perylene-d12	15.39	264	880092	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	4327950	110.84	ng	0.02
7) Phenol-d6	6.44	99	5487918	113.09	ng	0.00
23) Nitrobenzene-d5	7.36	82	2967720	68.73	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	1137467	116.66	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	4564978	67.72	ng	0.00
79) Terphenyl-d14	12.91	244	3977529	83.65	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.64	88	739632	36.918	ng	99
3) Pyridine	3.37	79	2051430	38.543	ng	99
4) n-Nitrosodimethylamine	3.30	42	1029645	45.373	ng	97
6) Aniline	6.46	93	2107839	32.579	ng	99
8) 2-Chlorophenol	6.59	128	1764422	39.754	ng	98
9) Benzaldehyde	6.35	77	682239	21.133	ng	99
10) Phenol	6.45	94	2177876	38.383	ng	94
11) bis(2-Chloroethyl)ether	6.54	93	1805202	41.137	ng	98
12) 1,3-Dichlorobenzene	6.75	146	1881982	39.463	ng	100
13) 1,4-Dichlorobenzene	6.82	146	1899957	39.456	ng	100
14) 1,2-Dichlorobenzene	6.97	146	1764147	39.280	ng	99
15) Benzyl Alcohol	6.95	79	1562115	40.679	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	3364399	40.950	ng	99
17) 2-Methylphenol	7.06	107	1538788	42.466	ng	98
18) Hexachloroethane	7.32	117	750607	40.942	ng	99
19) n-Nitroso-di-n-propylamine	7.22	70	1270775	39.093	ng	99
20) 3+4-Methylphenols	7.21	107	1706159	39.586	ng	96
22) Acetophenone	7.21	105	2342769	42.274	ng	# 99
24) Nitrobenzene	7.38	77	1944745	43.271	ng	98
25) Isophorone	7.63	82	3554036	48.322	ng	99
26) 2-Nitrophenol	7.70	139	968643	43.379	ng	99
27) 2,4-Dimethylphenol	7.74	122	1653441	47.918	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	2247357	44.126	ng	99
29) 2,4-Dichlorophenol	7.94	162	1482217	42.010	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	1484700	42.721	ng	100
31) Naphthalene	8.10	128	4849674	45.878	ng	98
32) Benzoic acid	7.87	122	1273651	44.637	ng	99
33) 4-Chloroaniline	8.15	127	1293750	25.482	ng	98
34) Hexachlorobutadiene	8.23	225	784544	40.895	ng	98
35) Caprolactam	8.52	113	276714	22.133	ng	98
36) 4-Chloro-3-methylphenol	8.64	107	1584906	43.874	ng	96
37) 2-Methylnaphthalene	8.80	142	3328569	47.428	ng	99
38) 1-Methylnaphthalene	8.90	142	3130529	45.550	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	1157337	37.788	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120918\
 Data File : BF111232.D
 Acq On : 10 Dec 2018 10:34
 Operator : JU/SJ
 Sample : PB115080BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 10 13:56:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 01:15:27 2018
 Response via : Initial Calibration

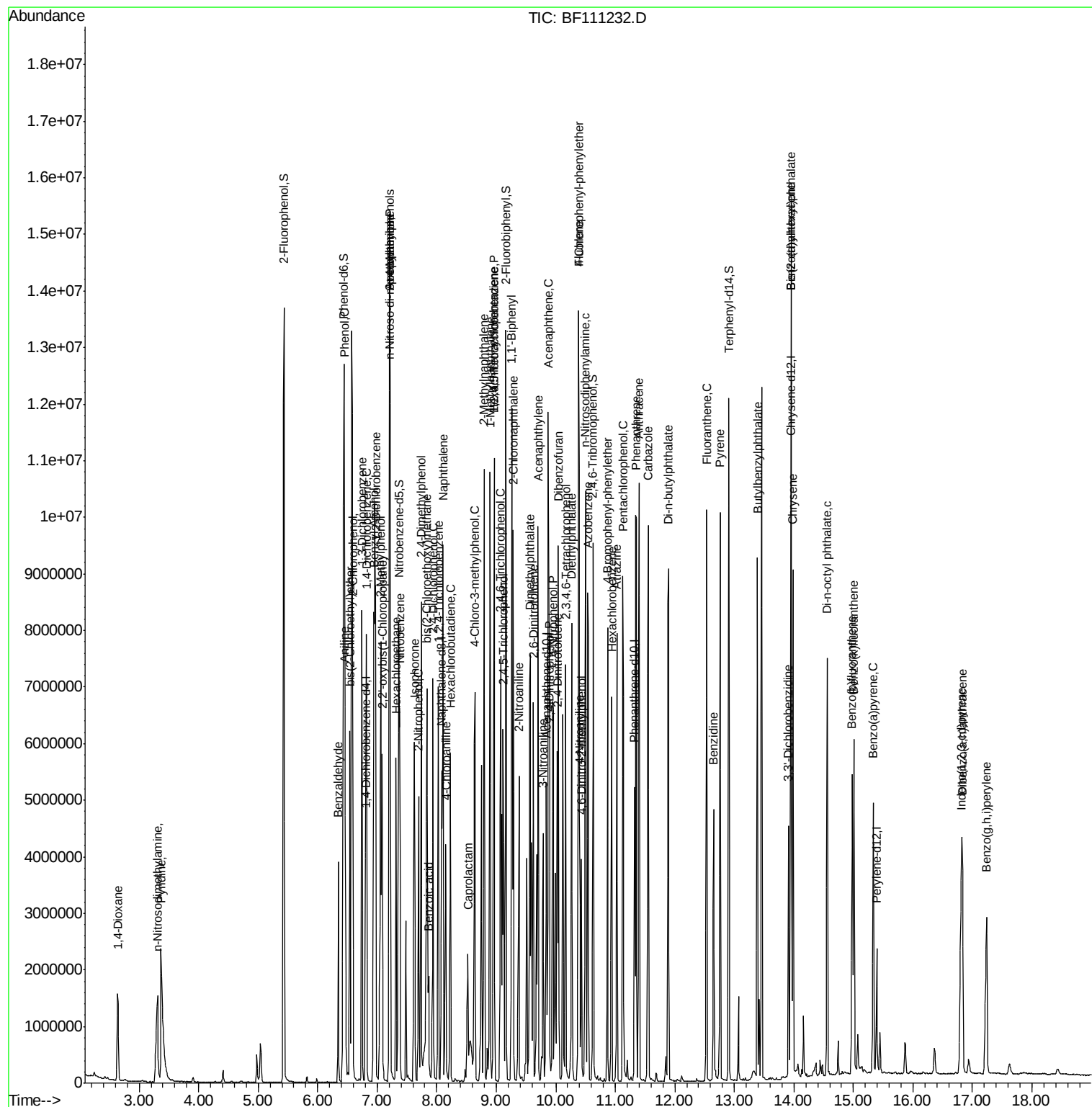
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	1424129	81.648	nq	98
43) 2,4,6-Trichlorophenol	9.07	196	969477	42.170	nq	99
44) 2,4,5-Trichlorophenol	9.12	196	1016089	42.427	nq	98
46) 1,1'-Biphenyl	9.26	154	3580915	40.045	nq	99
47) 2-Chloronaphthalene	9.29	162	2929795	40.680	nq	99
48) 2-Nitroaniline	9.38	65	1041544	42.394	nq	90
49) Acenaphthylene	9.70	152	4494811	42.990	nq	98
50) Dimethylphthalate	9.57	163	3258881	40.126	nq	100
51) 2,6-Dinitrotoluene	9.62	165	796411	44.404	nq	88
52) Acenaphthene	9.87	154	3021966	46.058	nq	99
53) 3-Nitroaniline	9.79	138	674709	30.477	nq	96
54) 2,4-Dinitrophenol	9.89	184	673437	95.016	nq	93
55) Dibenzofuran	10.05	168	3848625	43.115	nq	97
56) 4-Nitrophenol	9.96	139	1440223	83.530	nq	92
57) 2,4-Dinitrotoluene	10.03	165	1056985	47.804	nq	96
58) Fluorene	10.39	166	2841427	41.135	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	829129	45.674	nq	99
60) Diethylphthalate	10.27	149	3210146	41.459	nq	99
61) 4-Chlorophenyl-phenylether	10.38	204	1303363	38.003	nq	97
62) 4-Nitroaniline	10.40	138	900307	42.980	nq	99
63) Azobenzene	10.54	77	3348900	41.659	nq	98
65) 4,6-Dinitro-2-methylphenol	10.43	198	446560	40.723	nq	88
66) n-Nitrosodiphenylamine	10.50	169	2703798	42.719	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	848422	41.661	nq	96
68) Hexachlorobenzene	10.94	284	875742	42.273	nq	96
69) Atrazine	11.03	200	843683	43.835	nq	99
70) Pentachlorophenol	11.13	266	1059221	70.481	nq	97
71) Phenanthrene	11.35	178	3929212	41.897	nq	99
72) Anthracene	11.40	178	4104371	41.832	nq	98
73) Carbazole	11.55	167	3954799	38.548	nq	98
74) Di-n-butylphthalate	11.89	149	4481558	42.499	nq	99
75) Fluoranthene	12.53	202	3921289	45.772	nq	95
77) Benzidine	12.65	184	1633259	48.226	nq	98
78) Pyrene	12.76	202	4001862	49.098	nq	97
80) Butylbenzylphthalate	13.39	149	1981581	46.545	nq	97
81) Benzo(a)anthracene	13.95	228	2958334	46.490	nq	99
82) 3,3'-Dichlorobenzidine	13.91	252	853527	32.725	nq	99
83) Chrysene	13.99	228	2909605	44.353	nq	98
84) Bis(2-ethylhexyl)phthalate	13.95	149	2126294	42.031	nq	99
85) Di-n-octyl phthalate	14.56	149	3576626	42.181	nq	99
86) Indeno(1,2,3-cd)pyrene	16.81	276	2528052	47.740	nq	100
88) Benzo(b)fluoranthene	14.98	252	2629816	54.033	nq	99
89) Benzo(k)fluoranthene	15.01	252	2202141	48.124	nq	98
90) Benzo(a)pyrene	15.33	252	2286962	51.026	nq	99
91) Dibenzo(a,h)anthracene	16.83	278	2077210	59.006	nq	98
92) Benzo(g,h,i)perylene	17.24	276	2189142	62.121	nq	98

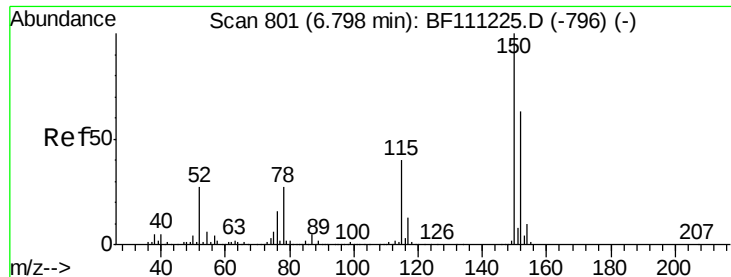
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120918\
Data File : BF111232.D
Acq On : 10 Dec 2018 10:34
Operator : JU/SJ
Sample : PB115080BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :

Quant Time: Dec 10 13:56:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 01:15:27 2018
Response via : Initial Calibration



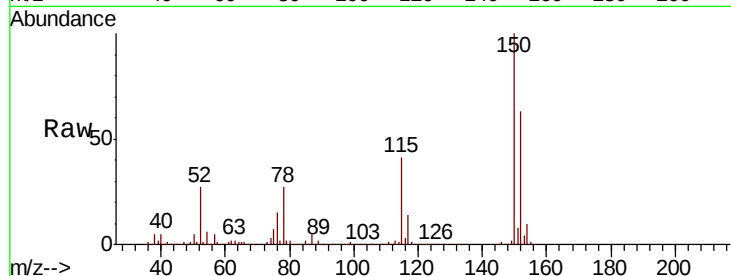


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	126.6	189.8
115	64.5	50.7	76.1

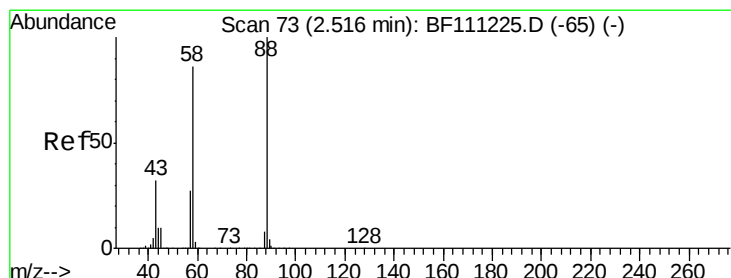
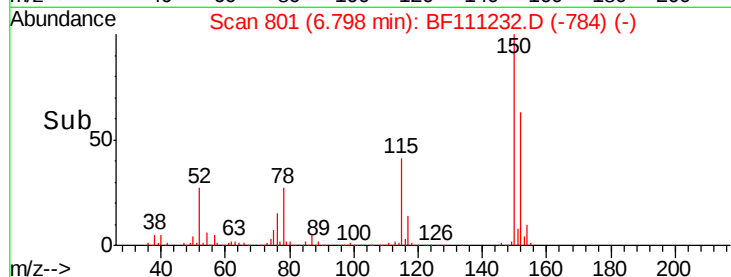
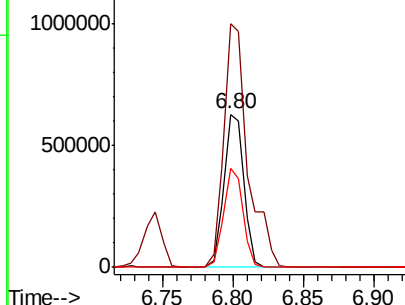


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

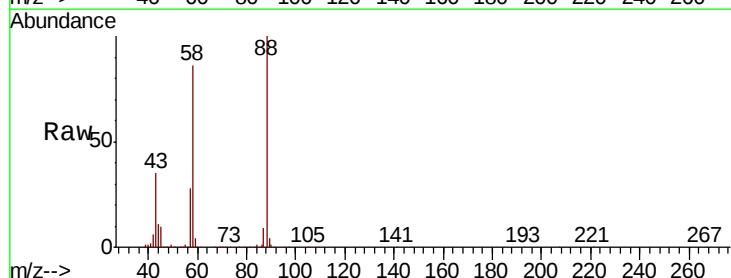
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.918 ng
RT: 2.64 min Scan# 94
Delta R.T. 0.12 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.7	68.9	103.3
43	32.7	25.8	38.6

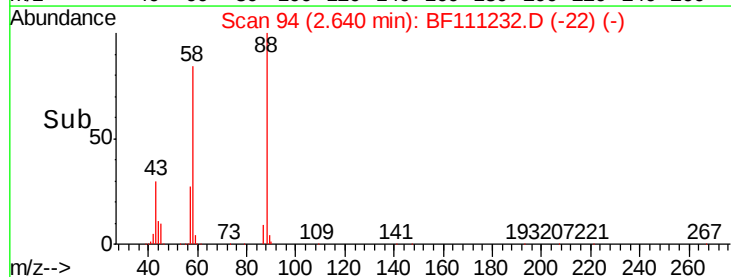
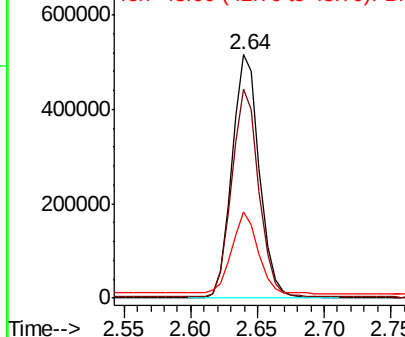


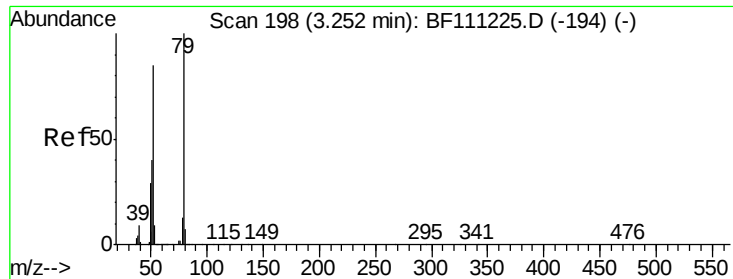
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

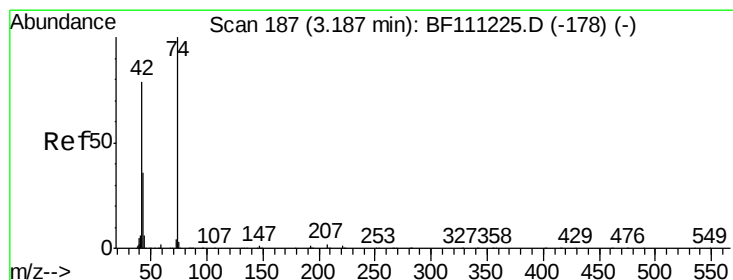
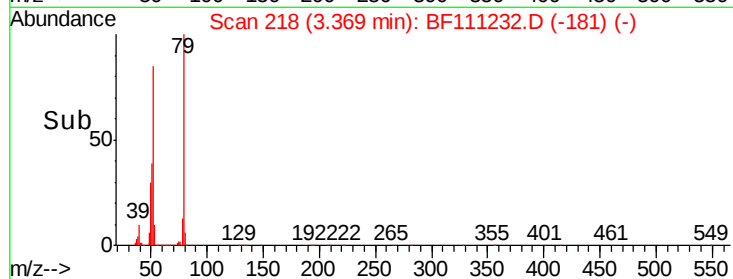
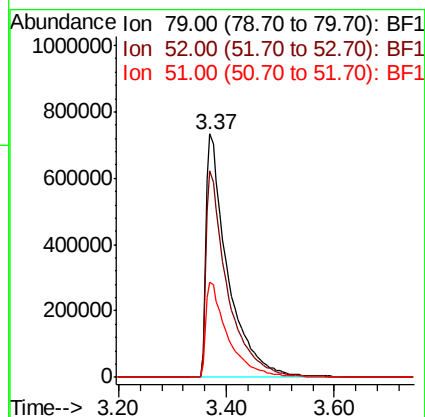
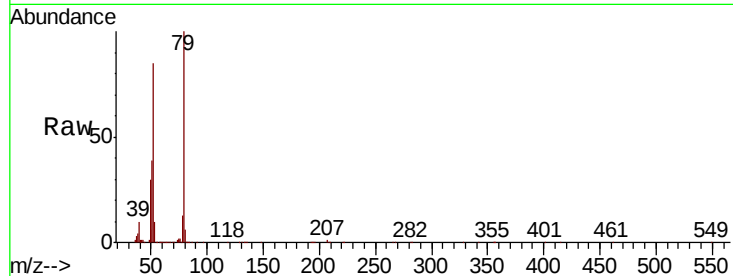




#3
 Pvridine
 Concen: 38.543 ng
 RT: 3.37 min Scan# 218
 Delta R.T. 0.12 min
 Lab File: BF111232.D
 Acq: 10 Dec 2018 10:34

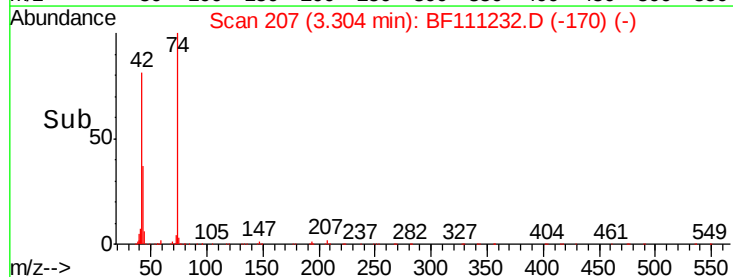
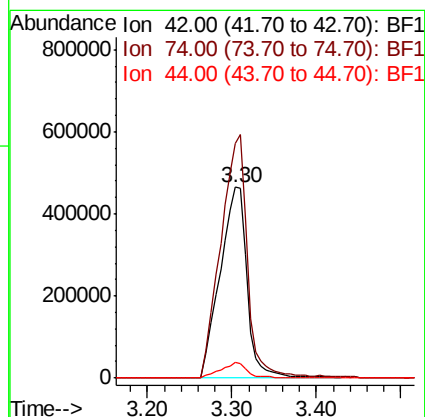
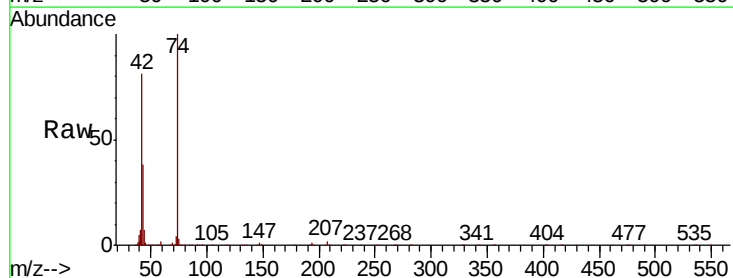
Instrument :
 BNA_F
 ClientSampleId :

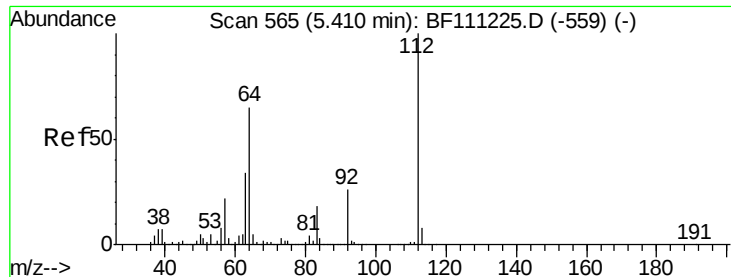
Tot Ion: 79 Resp: 2051430
 Ion Ratio Lower Upper
 79 100
 52 84.9 68.3 102.5
 51 39.2 32.6 49.0



#4
 n-Nitrosodimethylamine
 Concen: 45.373 ng
 RT: 3.30 min Scan# 207
 Delta R.T. 0.12 min
 Lab File: BF111232.D
 Acq: 10 Dec 2018 10:34

Tgt Ion: 42 Resp: 1029645
 Ion Ratio Lower Upper
 42 100
 74 123.4 101.5 152.3
 44 8.0 6.0 9.0





#5

2-Fluorophenol

Concen: 110.840 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.02 min

Lab File: BF111232.D

Acq: 10 Dec 2018 10:34

Instrument :

BNA_F

ClientSampleId :

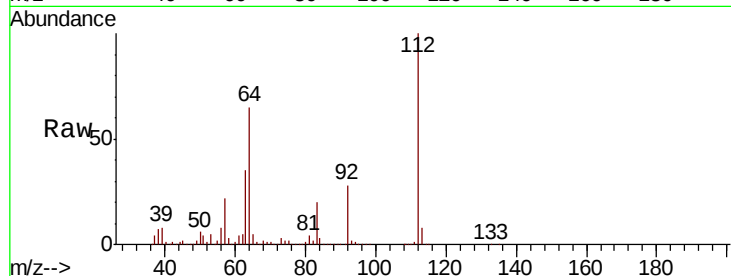
Tot Ion:112 Resp: 4327950

Ion Ratio Lower Upper

112 100

64 64.9 51.8 77.6

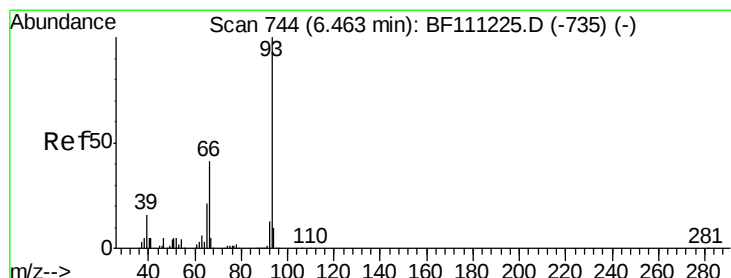
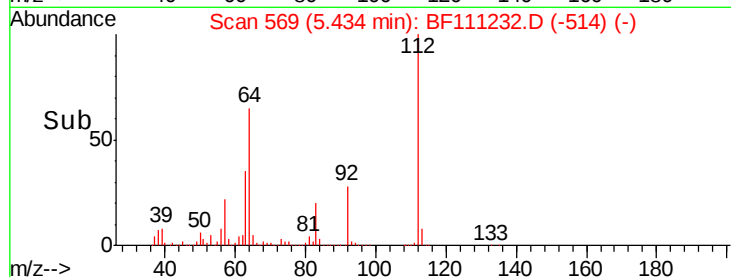
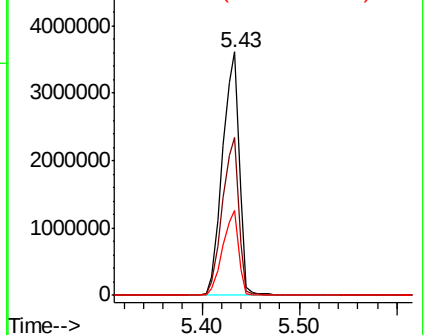
63 34.8 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): BF111232.D (-559) (-)

Ion 64.00 (63.70 to 64.70): BF111232.D (-559) (-)

Ion 63.00 (62.70 to 63.70): BF111232.D (-559) (-)



#6

Aniline

Concen: 32.579 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF111232.D

Acq: 10 Dec 2018 10:34

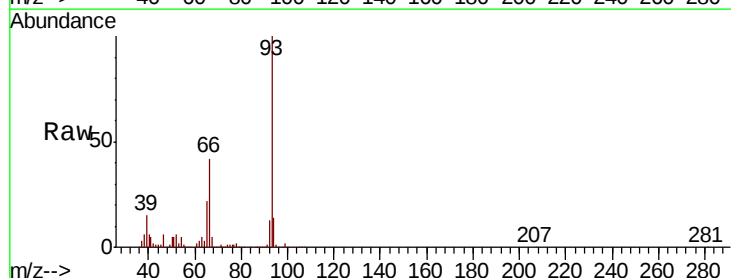
Tgt Ion: 93 Resp: 2107839

Ion Ratio Lower Upper

93 100

66 41.8 33.2 49.8

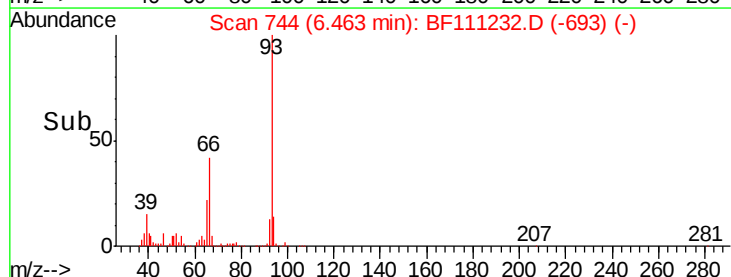
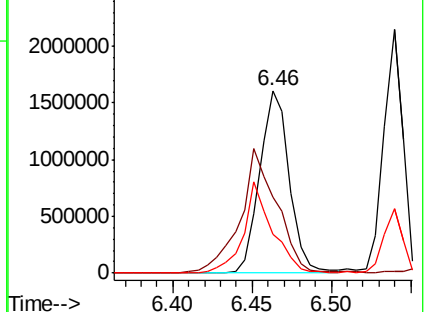
65 21.6 17.0 25.4

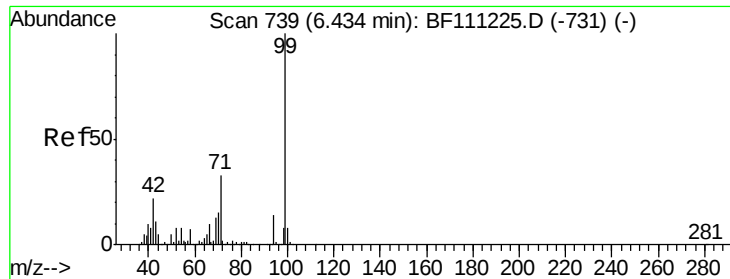


Abundance Ion 93.00 (92.70 to 93.70): BF111232.D (-693) (-)

Ion 66.00 (65.70 to 66.70): BF111232.D (-693) (-)

Ion 65.00 (64.70 to 65.70): BF111232.D (-693) (-)





#7

Phenol-d6

Concen: 113.093 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF111232.D

Acq: 10 Dec 2018 10:34

Instrument :

BNA_F

ClientSampled :

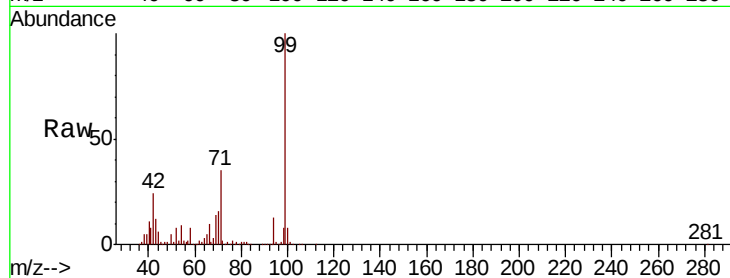
Tot Ion: 99 Resp: 5487918

Ion Ratio Lower Upper

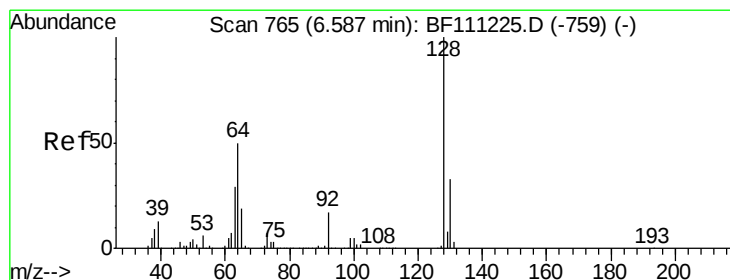
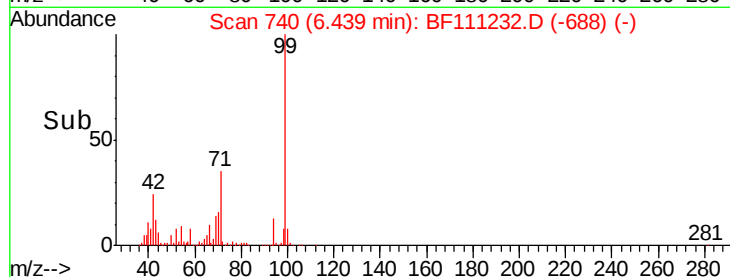
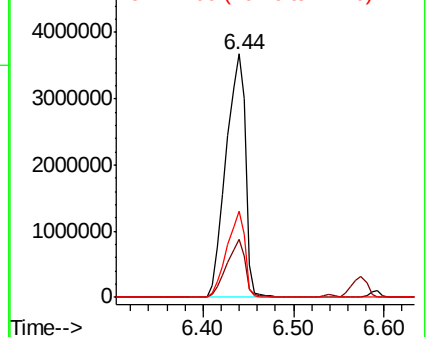
99 100

42 23.6 17.4 26.0

71 35.1 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.754 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF111232.D

Acq: 10 Dec 2018 10:34

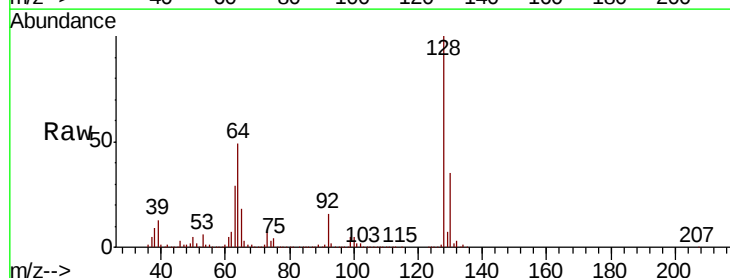
Tgt Ion:128 Resp: 1764422

Ion Ratio Lower Upper

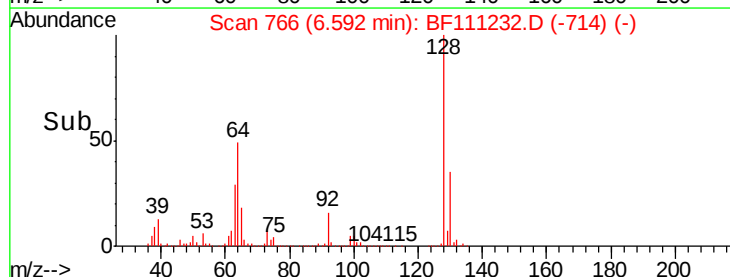
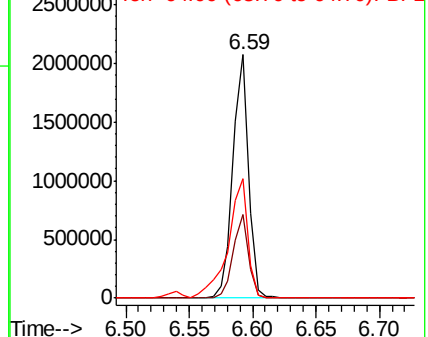
128 100

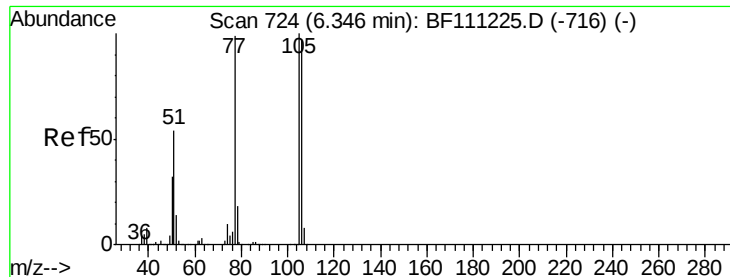
130 34.5 12.7 52.7

64 48.9 30.0 70.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 21.133 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF111232.D

Acq: 10 Dec 2018 10:34

Instrument :

BNA_F

ClientSampled :

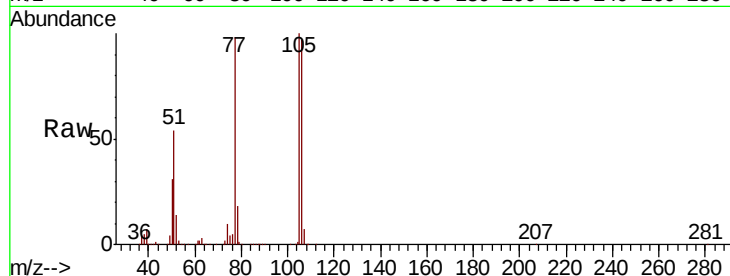
Tot Ion: 77 Resp: 682239

Ion Ratio Lower Upper

77 100

105 102.4 81.4 121.4

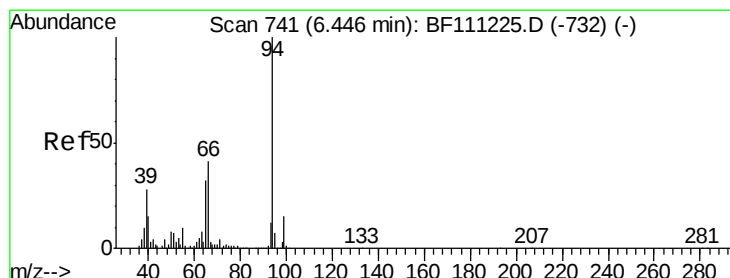
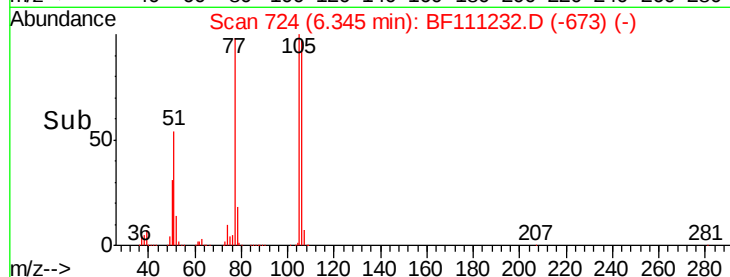
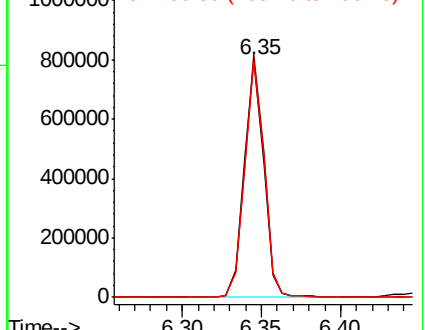
106 99.4 77.9 117.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.383 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF111232.D

Acq: 10 Dec 2018 10:34

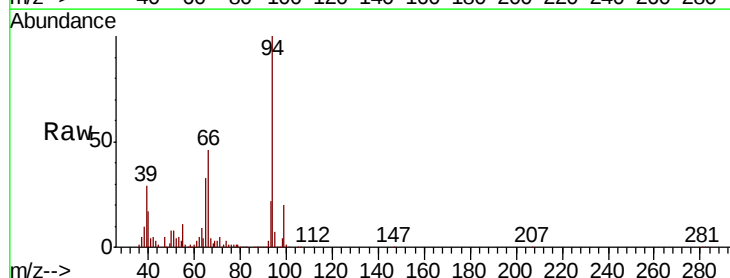
Tgt Ion: 94 Resp: 2177876

Ion Ratio Lower Upper

94 100

65 33.3 11.7 51.7

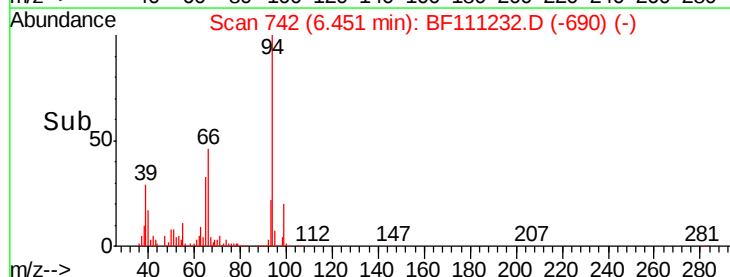
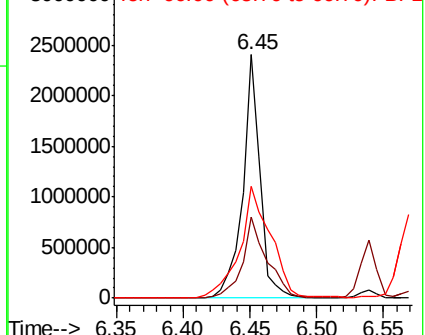
66 45.7 21.0 61.0

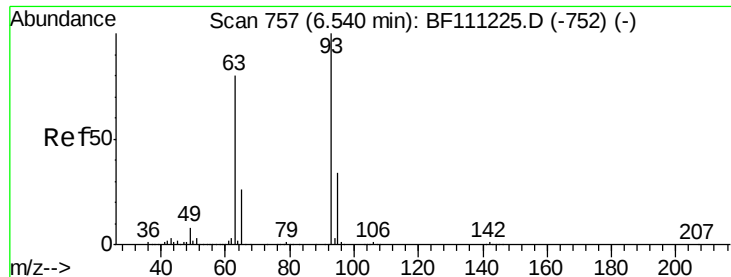


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



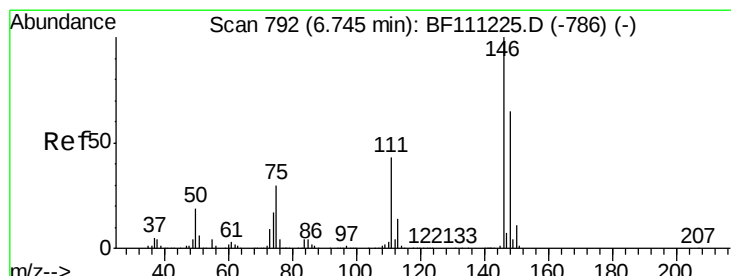
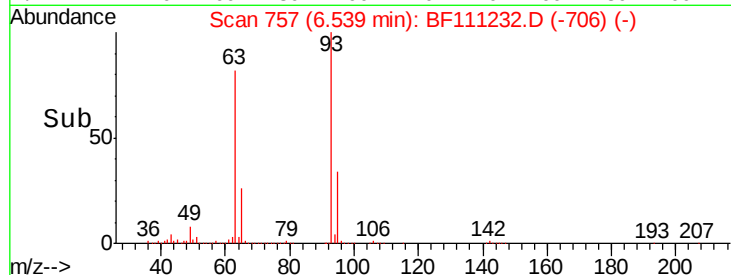
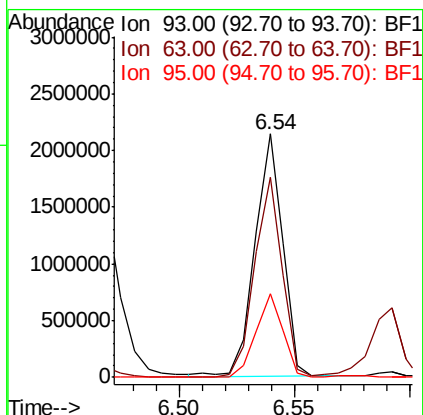
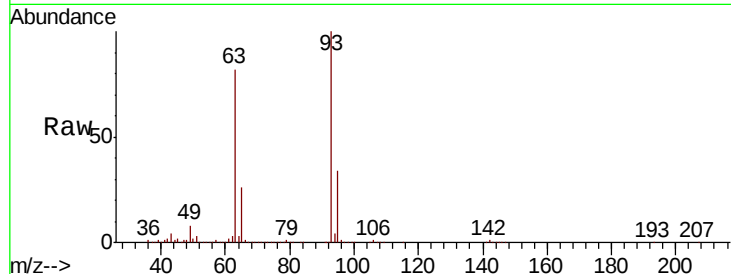


#11
bis(2-Chloroethyl)ether
Concen: 41.137 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Instrument :
BNA_F
ClientSampled :

Tot Ion: 93 Resp: 1805202

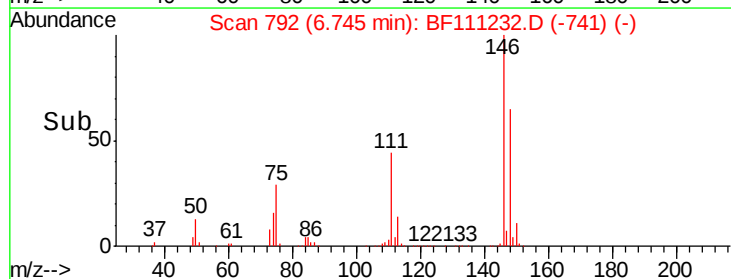
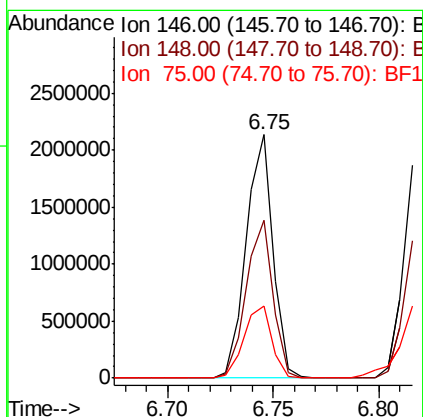
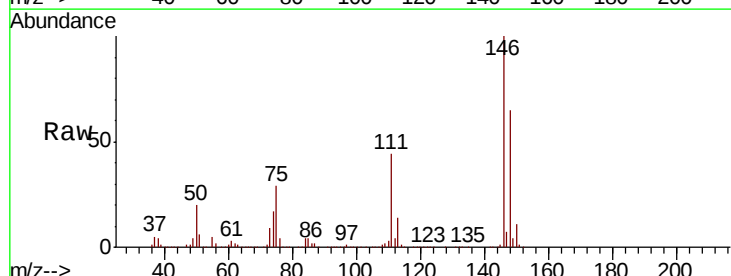
Ion	Ratio	Lower	Upper
93	100		
63	82.4	60.0	100.0
95	34.3	13.4	53.4

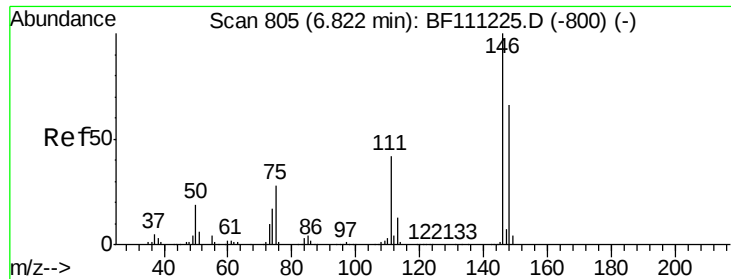


#12
1,3-Dichlorobenzene
Concen: 39.463 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Tgt Ion: 146 Resp: 1881982

Ion	Ratio	Lower	Upper
146	100		
148	65.1	52.1	78.1
75	29.4	23.9	35.9

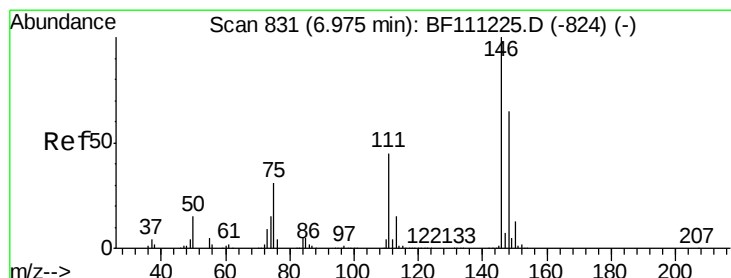
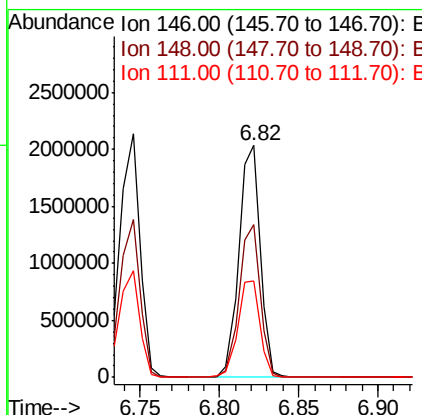
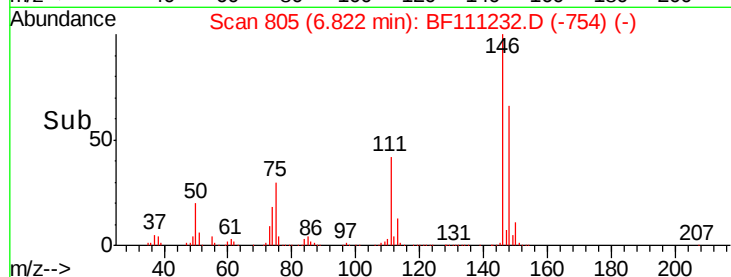
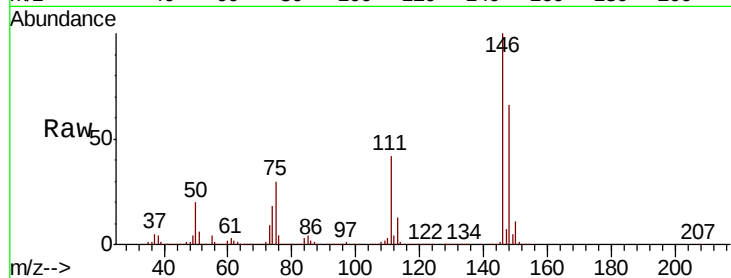




#13
1,4-Dichlorobenzene
Concen: 39.456 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

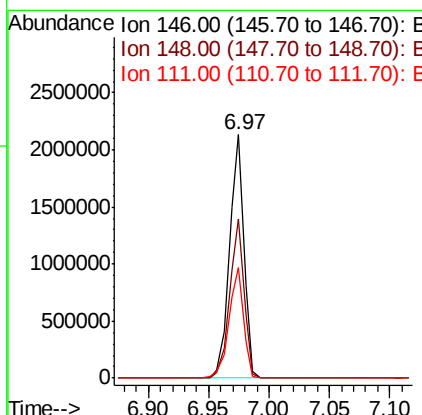
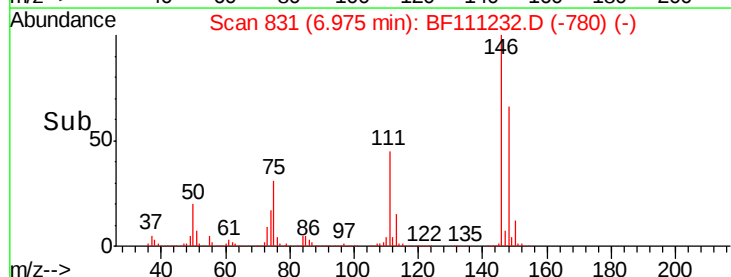
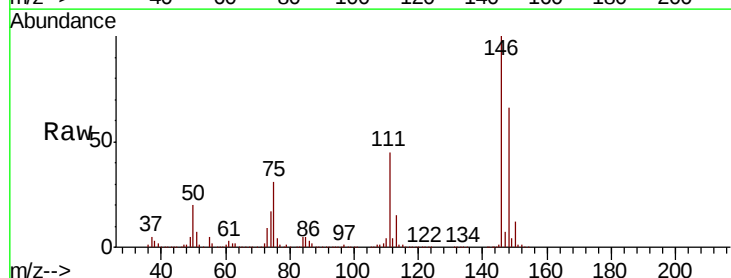
Instrument :
BNA_F
ClientSampleId :

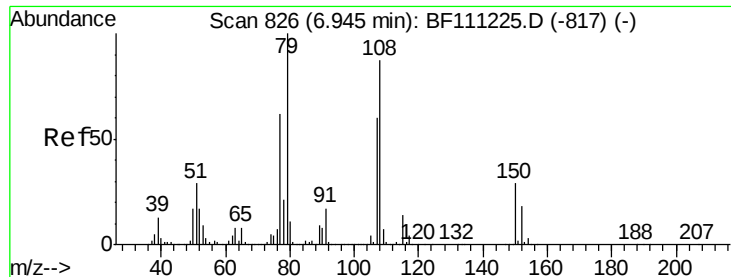
Tot Ion:146 Resp: 1899957
Ion Ratio Lower Upper
146 100
148 65.7 52.8 79.2
111 41.6 33.4 50.0



#14
1,2-Dichlorobenzene
Concen: 39.280 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Tgt Ion:146 Resp: 1764147
Ion Ratio Lower Upper
146 100
148 65.5 51.9 77.9
111 45.5 36.2 54.4





#15

Benzyl Alcohol

Concen: 40.679 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.00 min

Lab File: BF111232.D

Acq: 10 Dec 2018 10:34

Instrument :

BNA_F

ClientSampled :

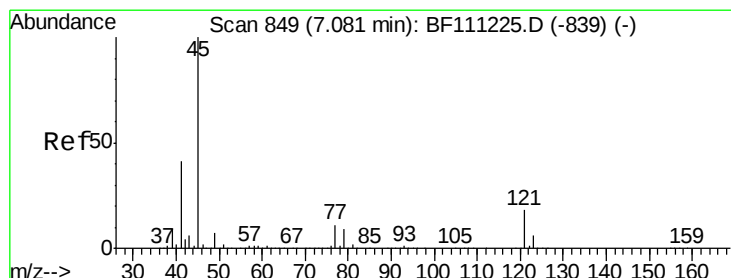
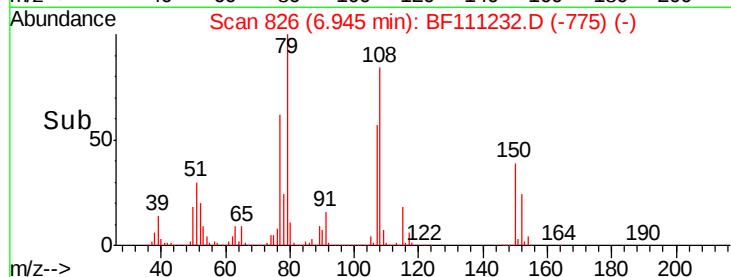
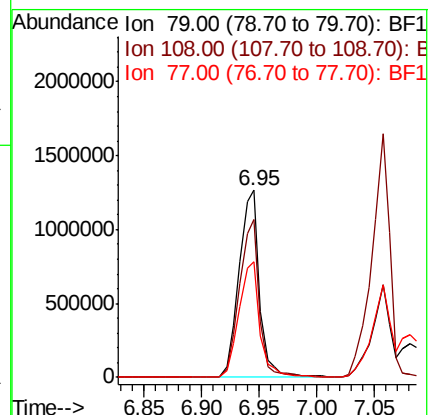
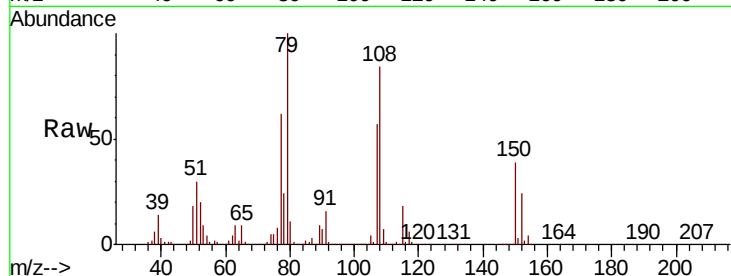
Tot Ion: 79 Resp: 1562115

Ion Ratio Lower Upper

79 100

108 84.3 69.4 104.2

77 62.0 49.7 74.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.950 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF111232.D

Acq: 10 Dec 2018 10:34

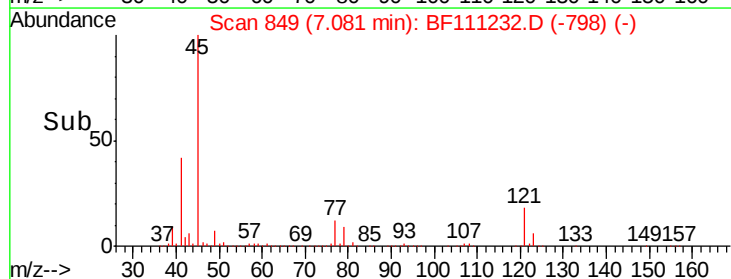
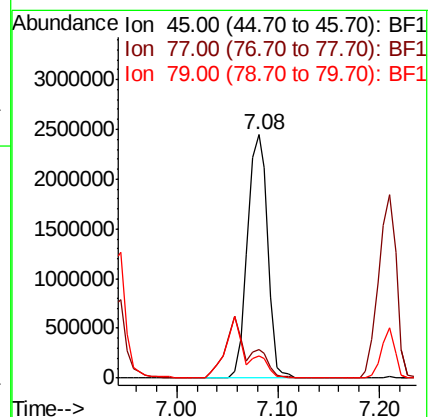
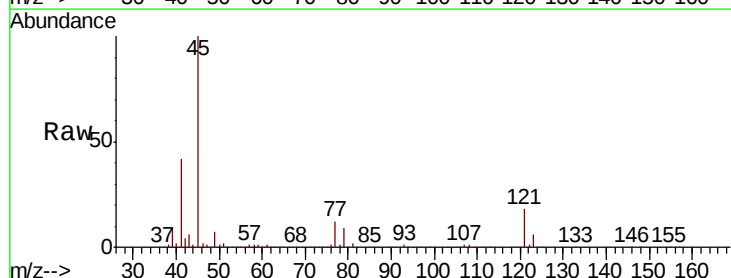
Tgt Ion: 45 Resp: 3364399

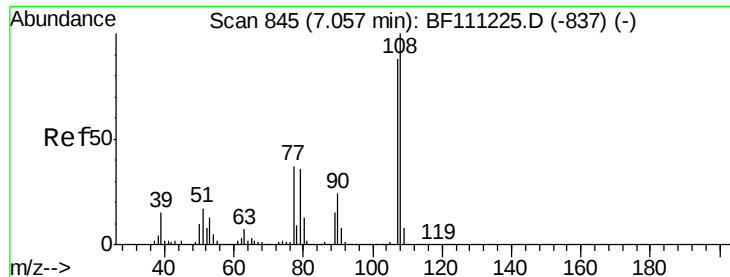
Ion Ratio Lower Upper

45 100

77 11.8 0.0 31.5

79 9.2 0.0 28.9

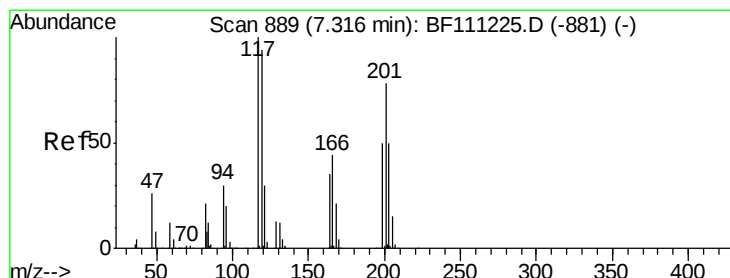
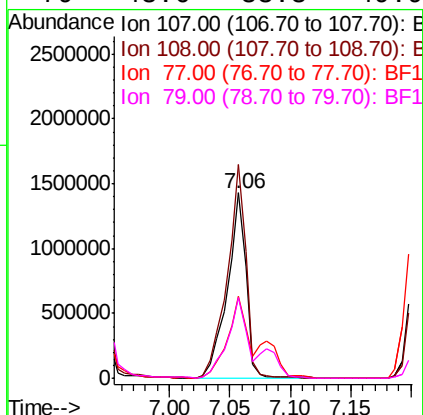
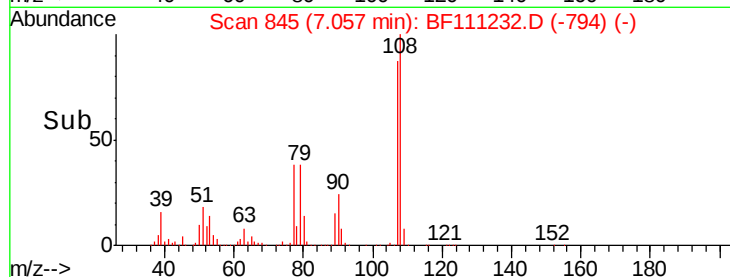
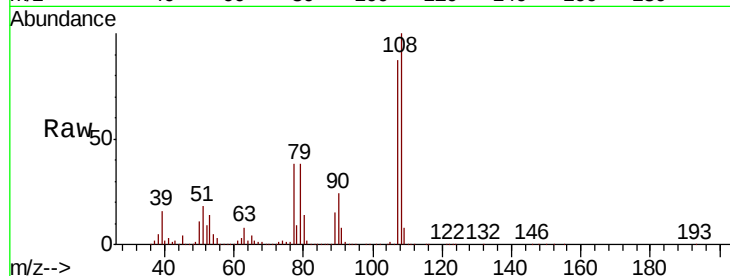




#17
2-Methylphenol
Concen: 42.466 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

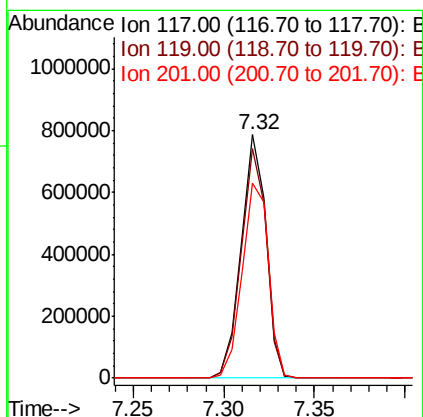
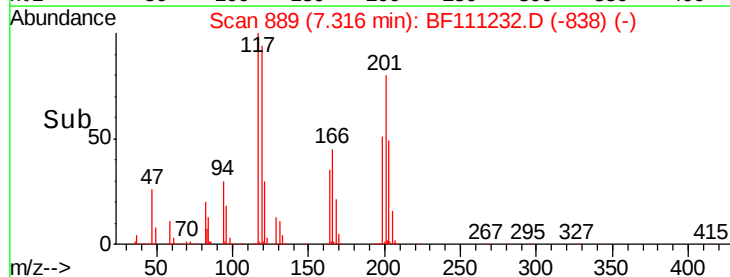
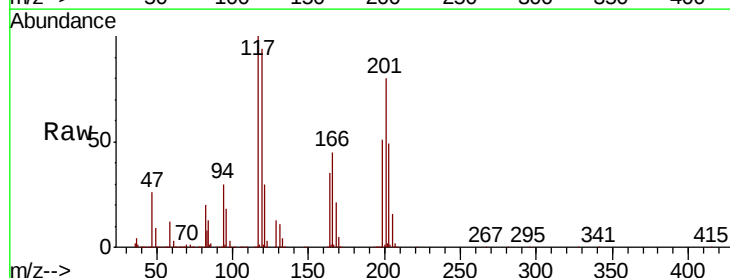
Instrument :
BNA_F
ClientSampleId :

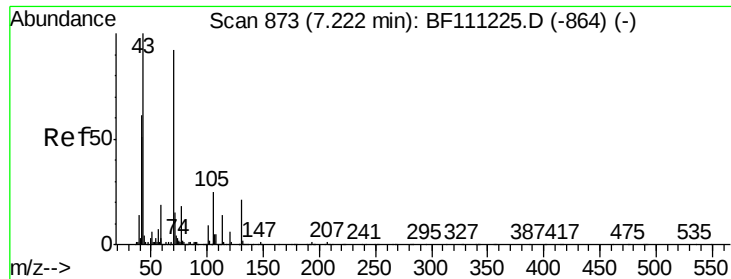
Tot Ion:107 Resp: 1538788
Ion Ratio Lower Upper
107 100
108 115.3 91.0 136.4
77 43.9 33.5 50.3
79 43.6 33.3 49.9



#18
Hexachloroethane
Concen: 40.942 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.00 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Tgt Ion:117 Resp: 750607
Ion Ratio Lower Upper
117 100
119 94.1 75.4 113.0
201 80.2 62.4 93.6

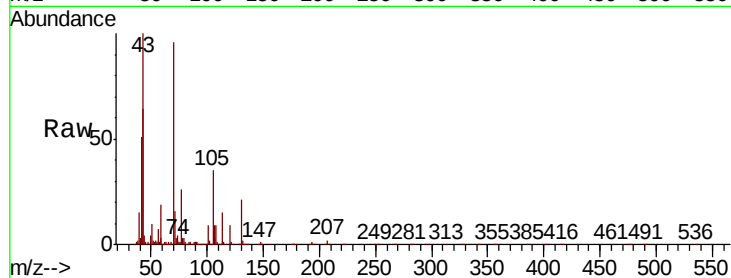




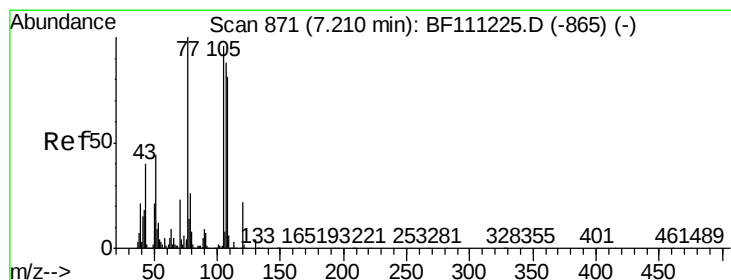
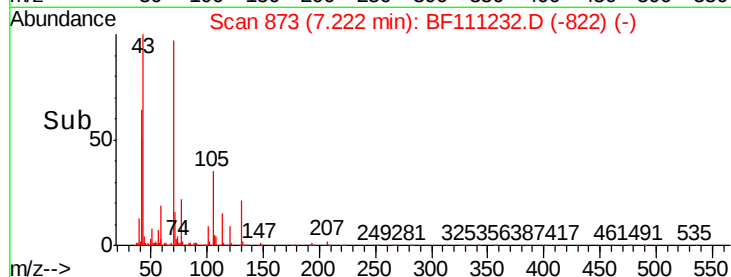
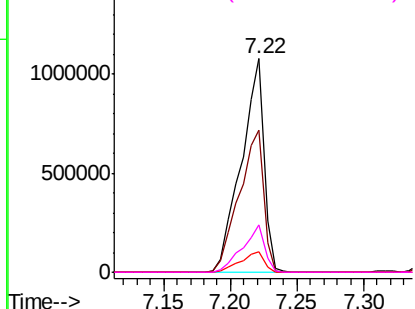
#19
n-Nitroso-di-n-propylamine
Concen: 39.093 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 1270775
Ion Ratio Lower Upper
70 100
42 66.7 53.2 79.8
101 9.4 8.2 12.4
130 22.0 18.1 27.1

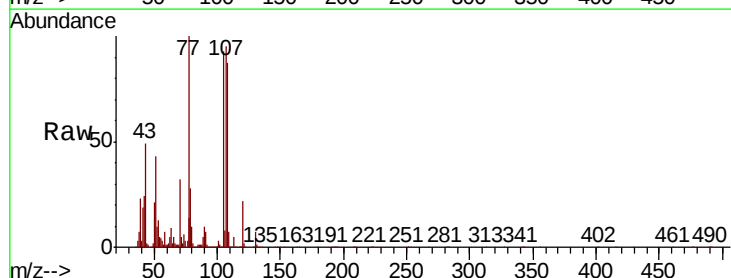


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

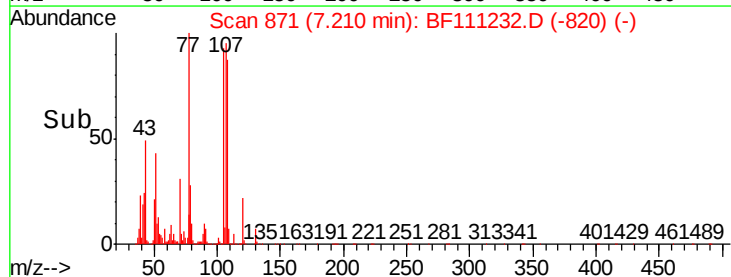
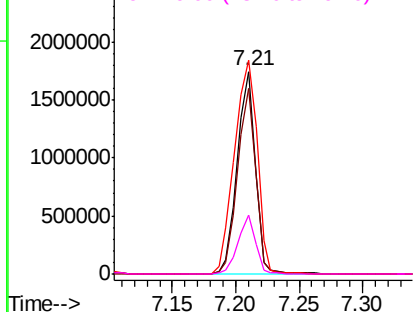


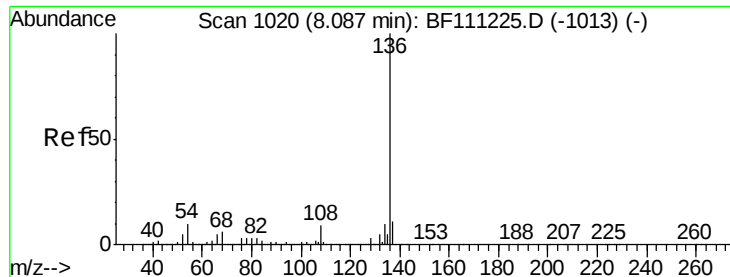
#20
3+4-Methylphenols
Concen: 39.586 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Tgt Ion:107 Resp: 1706159
Ion Ratio Lower Upper
107 100
108 92.0 72.1 112.1
77 105.5 94.1 134.1
79 29.1 9.8 49.8



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

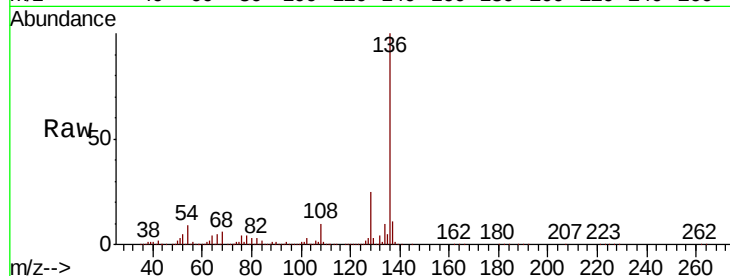




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 2422032
Ion Ratio	Lower Upper
136 100	
137 11.1	9.1 13.7
54 9.4	7.7 11.5
68 6.3	4.9 7.3



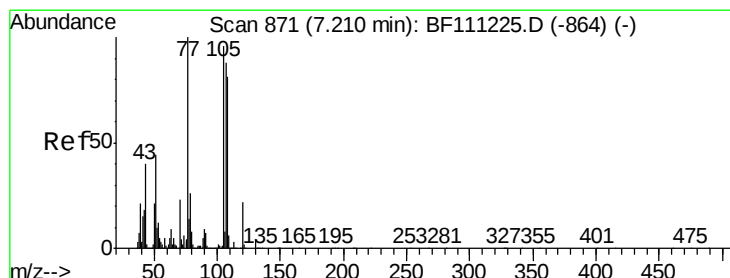
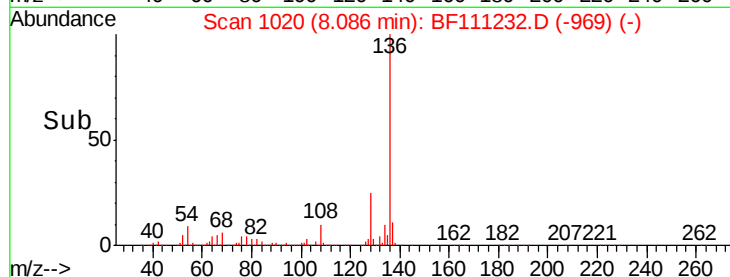
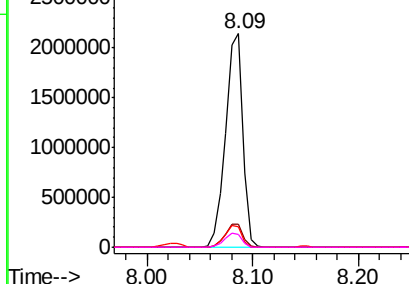
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

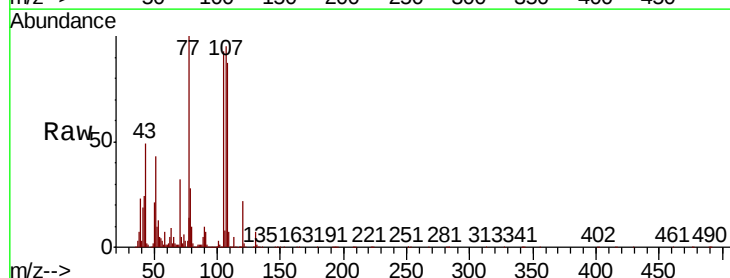
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 42.274 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Tgt	Ion:105	Resp:	2342769
Ion	Ratio	Lower	Upper
105	100		
71	5.8	3.1	4.7#
51	46.1	36.6	54.8
120	23.7	18.2	27.4



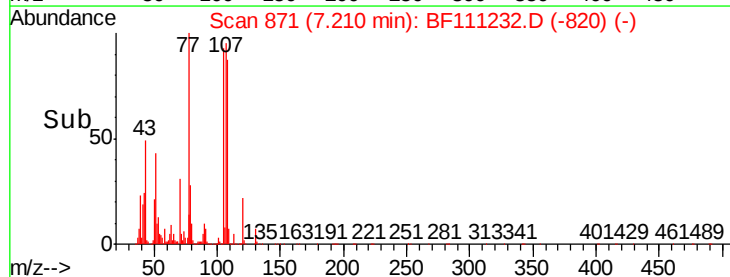
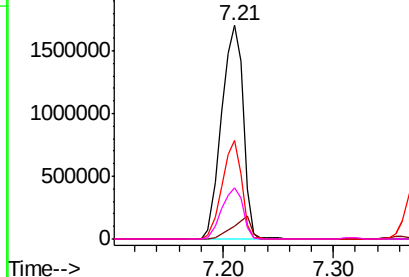
Abundance

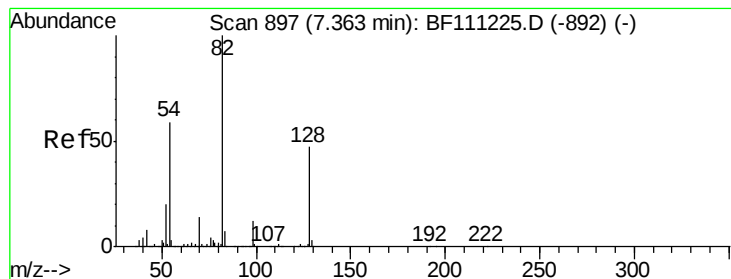
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 68.725 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.00 min

Lab File: BF111232.D

Acq: 10 Dec 2018 10:34

Instrument :

BNA_F

ClientSampleId :

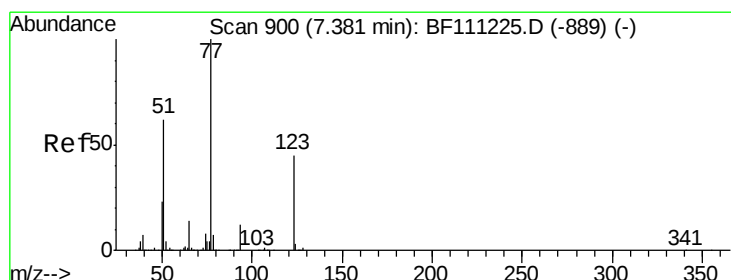
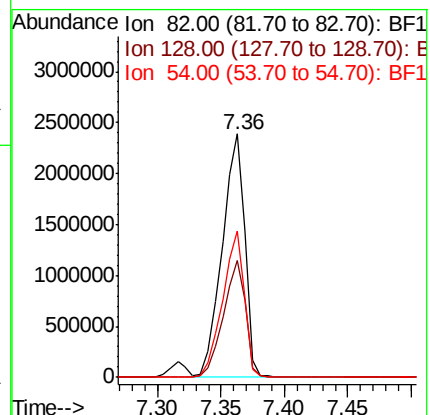
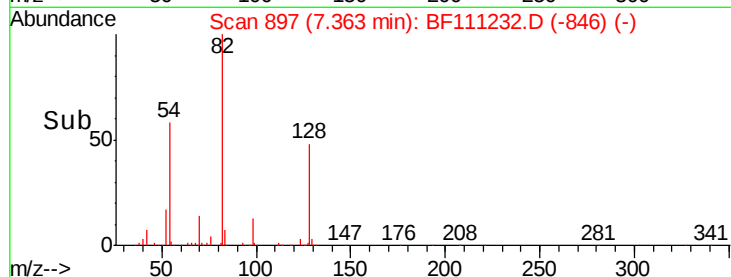
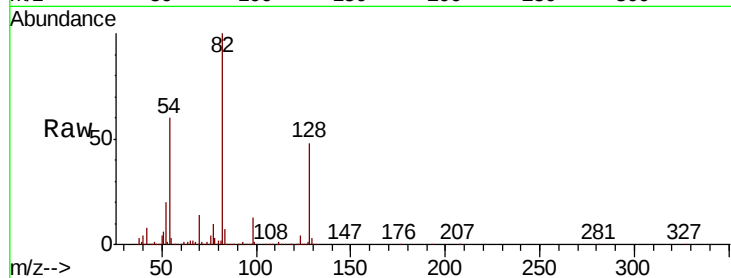
Tot Ion: 82 Resp: 2967720

Ion Ratio Lower Upper

82 100

128 48.0 37.4 56.2

54 60.1 47.6 71.4



#24

Nitrobenzene

Concen: 43.271 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.00 min

Lab File: BF111232.D

Acq: 10 Dec 2018 10:34

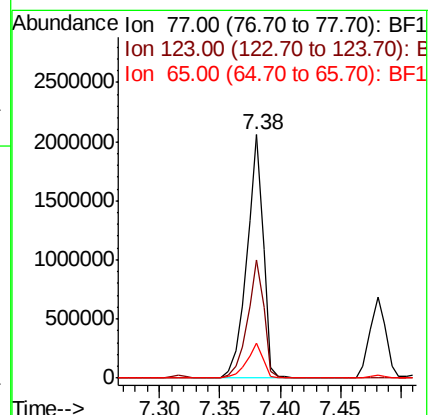
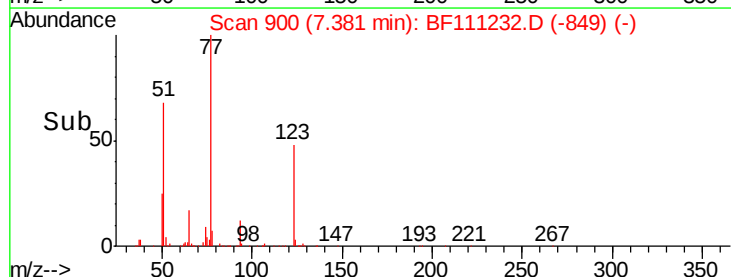
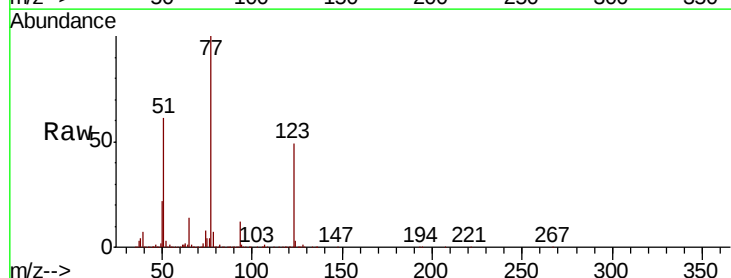
Tgt Ion: 77 Resp: 1944745

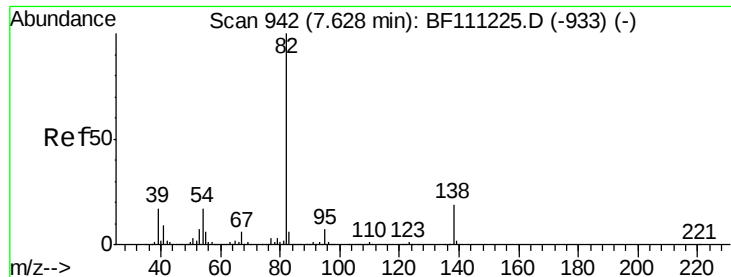
Ion Ratio Lower Upper

77 100

123 48.6 37.2 55.8

65 14.3 11.5 17.3

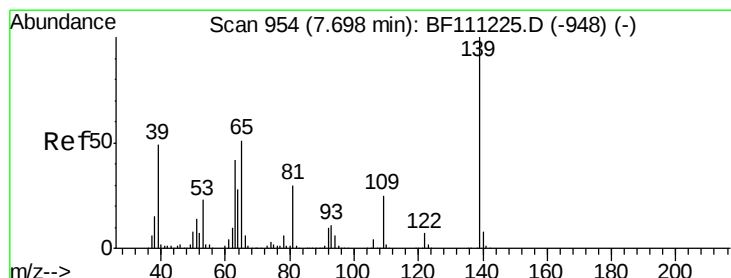
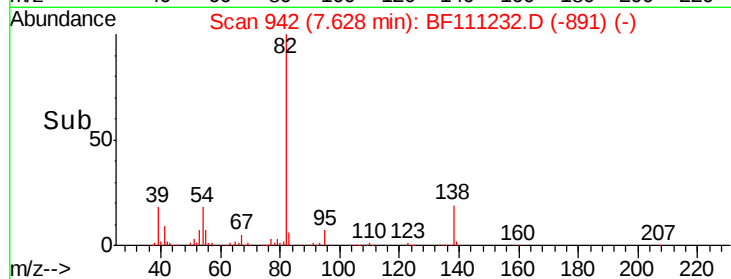
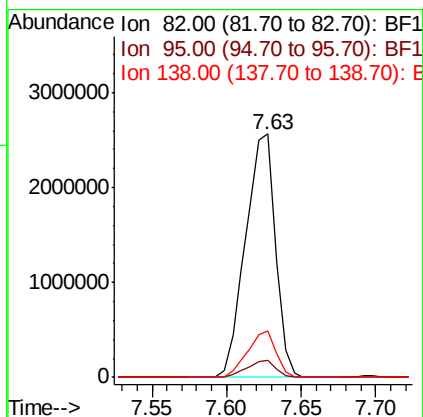
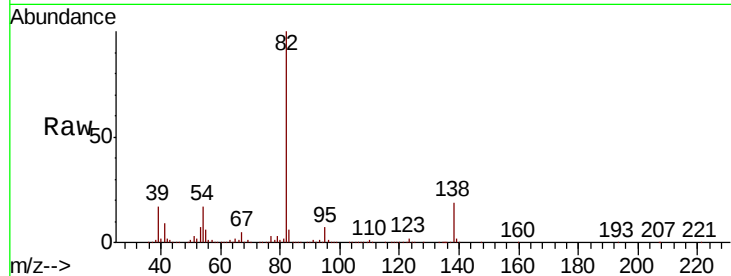




#25
Isophorone
Concen: 48.322 ng
RT: 7.63 min Scan# 942
Delta R.T. -0.00 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

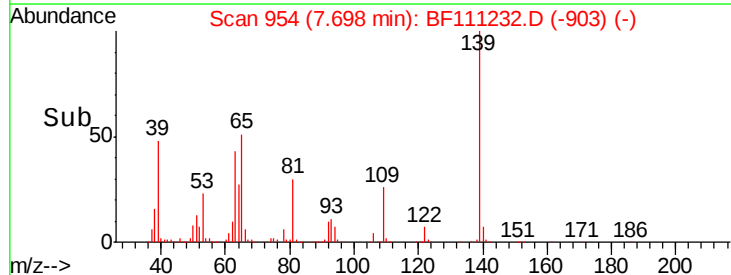
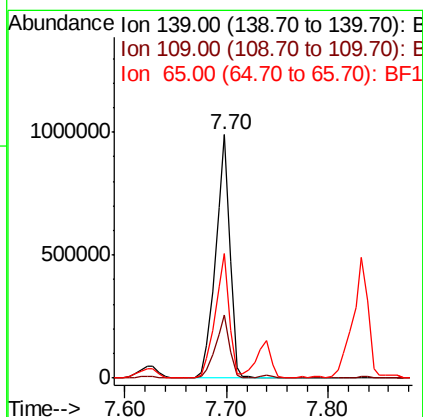
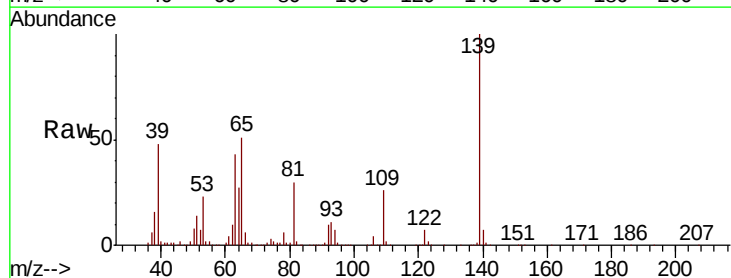
Instrument :
BNA_F
ClientSampleId :

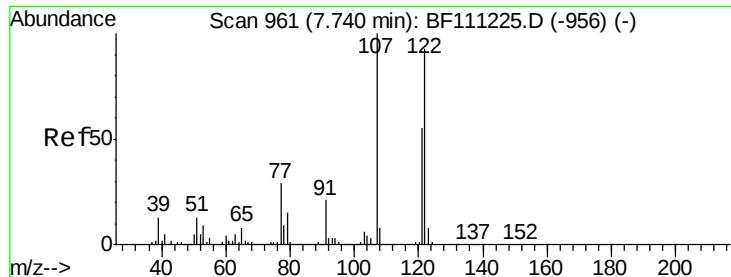
Tot Ion: 82 Resp: 3554036
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.2
138 19.3 15.1 22.7



#26
2-Nitrophenol
Concen: 43.379 ng
RT: 7.70 min Scan# 954
Delta R.T. -0.00 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Tgt Ion: 139 Resp: 968643
Ion Ratio Lower Upper
139 100
109 25.9 20.2 30.4
65 51.3 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 47.918 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.00 min

Lab File: BF111232.D

Acq: 10 Dec 2018 10:34

Instrument :

BNA_F

ClientSampled :

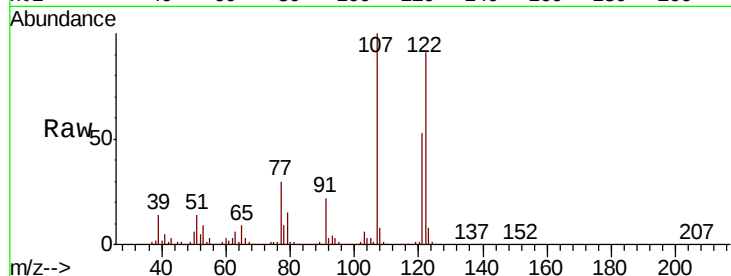
Tot Ion:122 Resp: 1653441

Ion Ratio Lower Upper

122 100

107 109.7 85.5 128.3

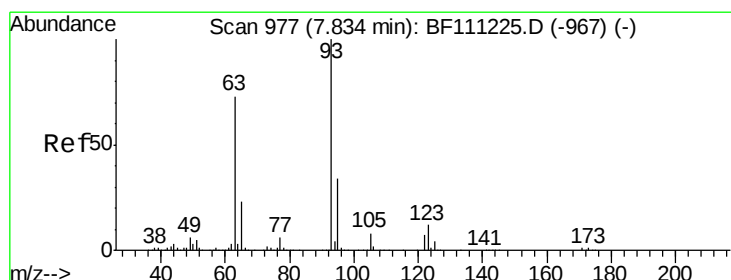
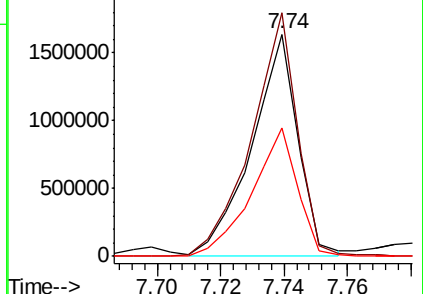
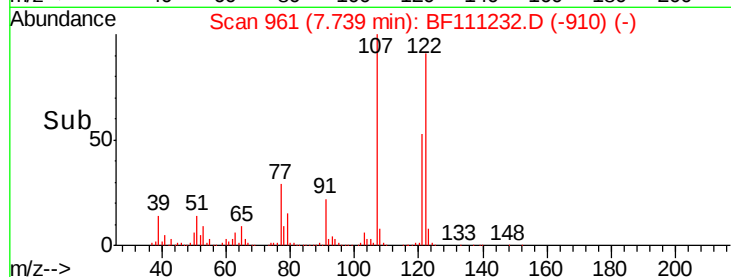
121 57.9 46.6 70.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 44.126 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BF111232.D

Acq: 10 Dec 2018 10:34

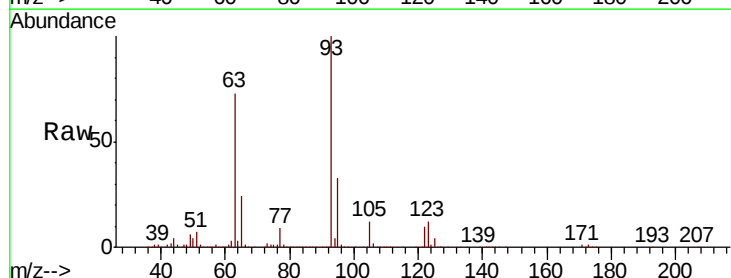
Tgt Ion: 93 Resp: 2247357

Ion Ratio Lower Upper

93 100

95 33.4 27.1 40.7

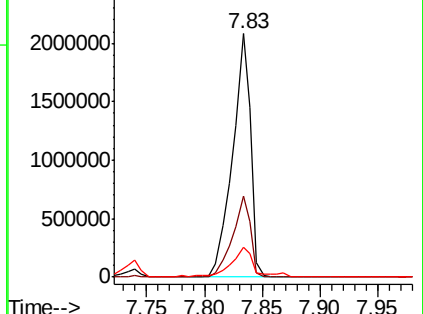
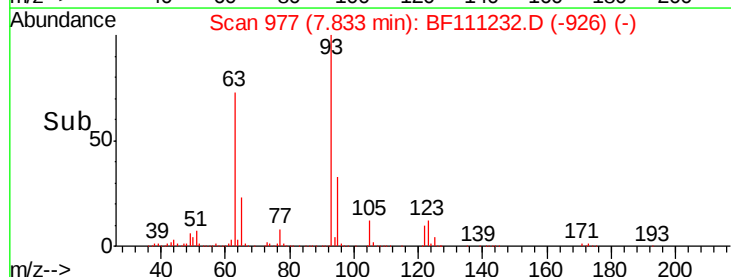
123 12.3 9.9 14.9

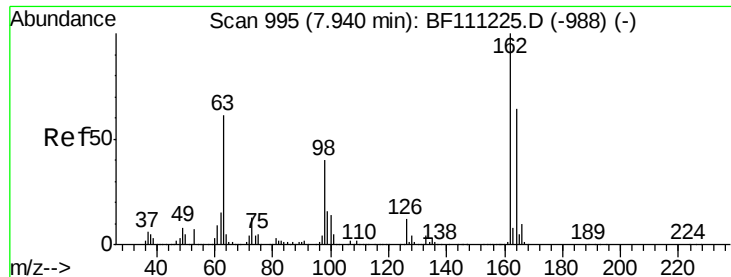


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

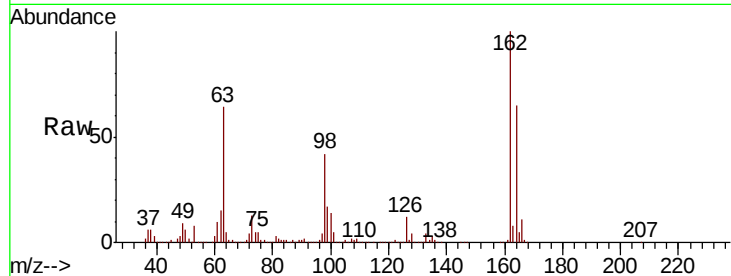




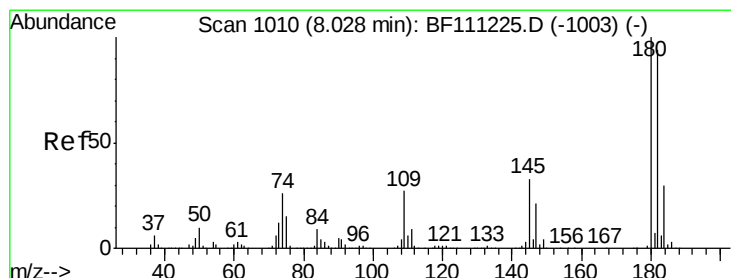
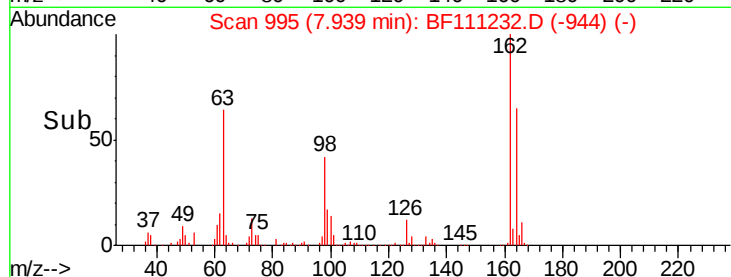
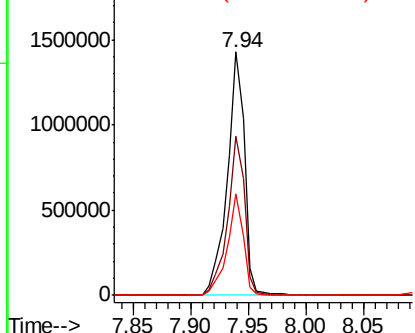
#29
2,4-Dichlorophenol
Concen: 42.010 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 1482217
Ion Ratio Lower Upper
162 100
164 65.2 44.4 84.4
98 41.7 20.3 60.3

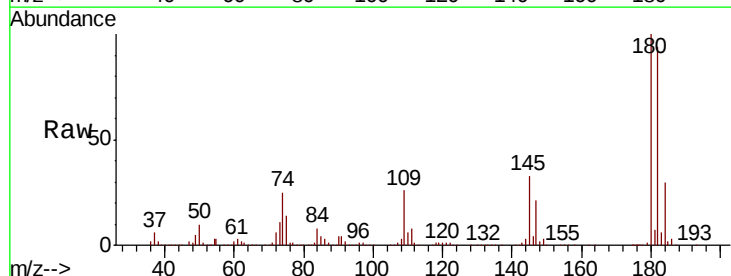


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

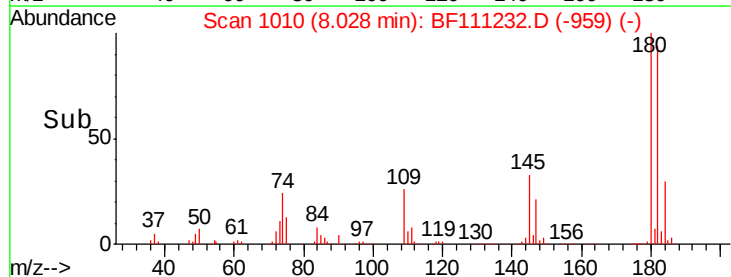
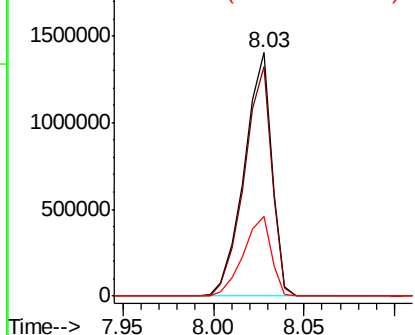


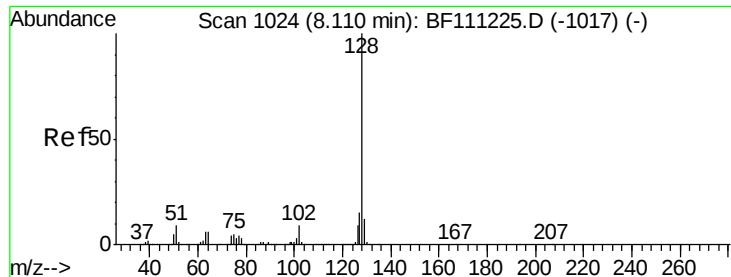
#30
1,2,4-Trichlorobenzene
Concen: 42.721 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Tgt Ion:180 Resp: 1484700
Ion Ratio Lower Upper
180 100
182 94.5 75.6 113.4
145 32.9 26.7 40.1



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

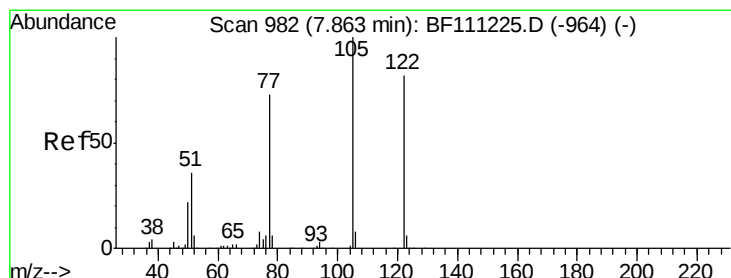
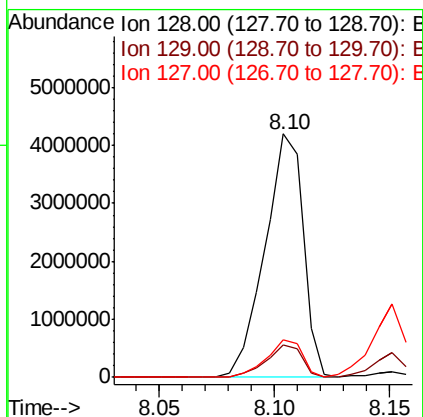
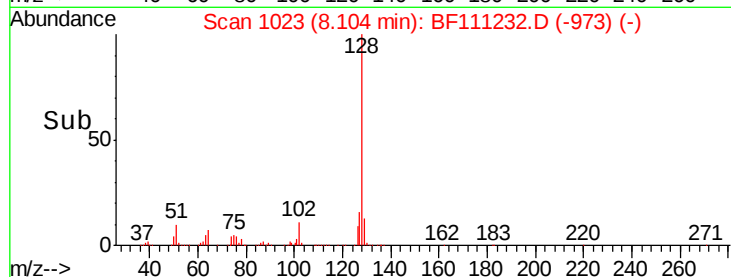
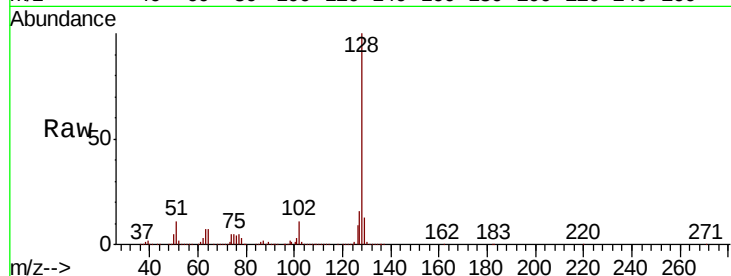




#31
Naphthalene
Concen: 45.878 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

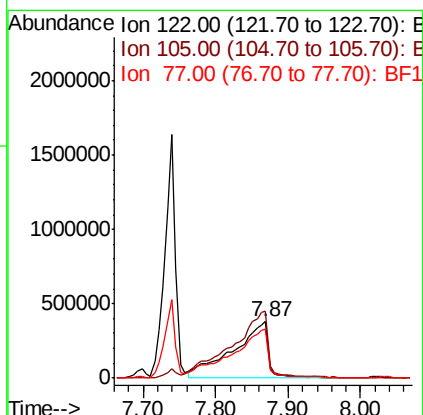
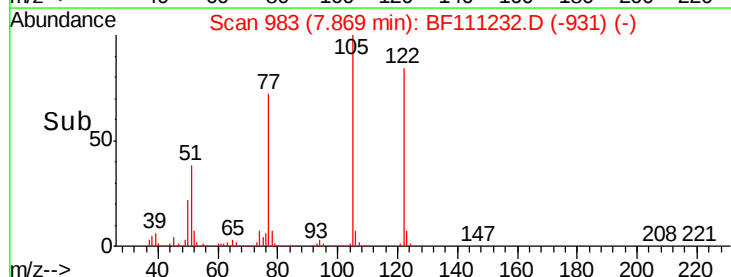
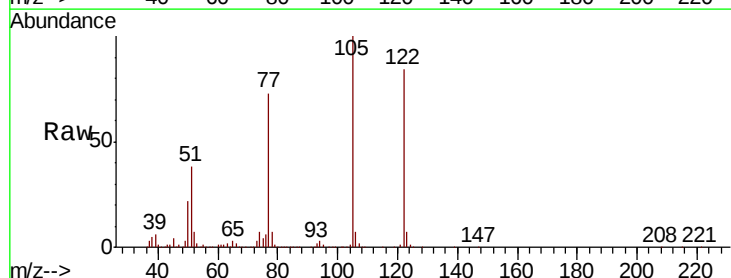
Instrument :
BNA_F
ClientSampled :

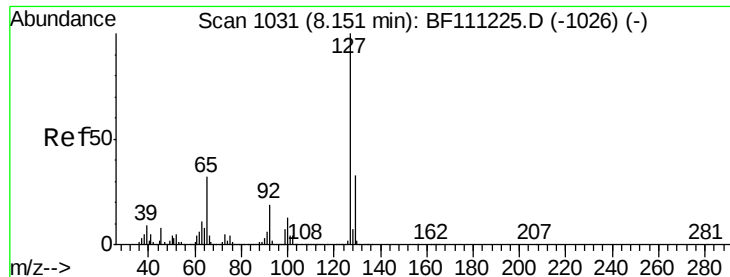
Tot Ion:128 Resp: 4849674
Ion Ratio Lower Upper
128 100
129 13.1 9.8 14.8
127 15.5 12.0 18.0



#32
Benzoic acid
Concen: 44.637 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.01 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Tgt Ion:122 Resp: 1273651
Ion Ratio Lower Upper
122 100
105 118.6 97.0 137.0
77 86.4 65.7 105.7

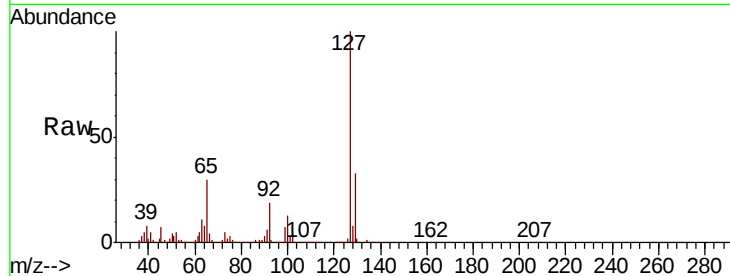




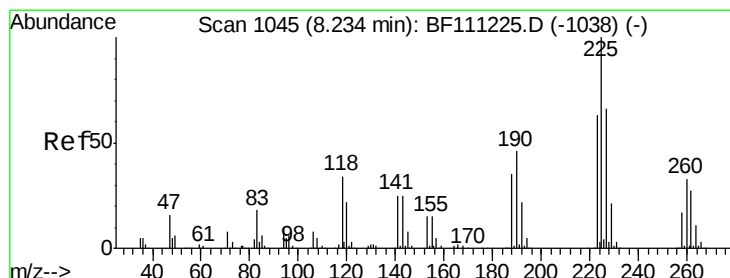
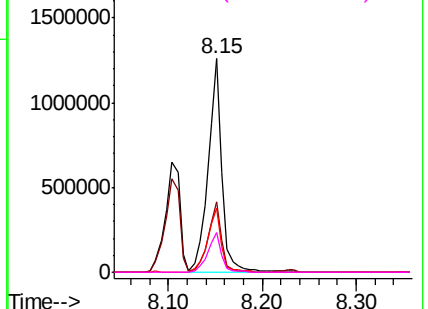
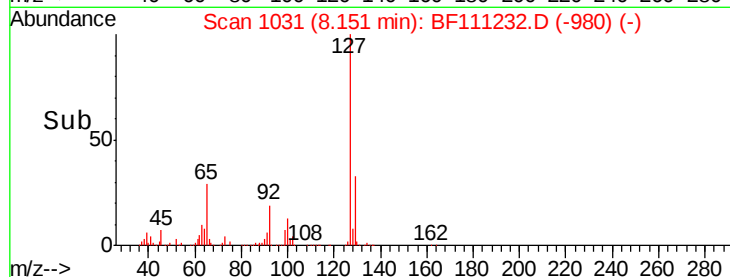
#33
4-Chloroaniline
Concen: 25.482 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp: 1293750
Ion Ratio	Lower Upper
127 100	
129 33.1	26.6 39.8
65 29.8	25.7 38.5
92 18.9	15.4 23.2

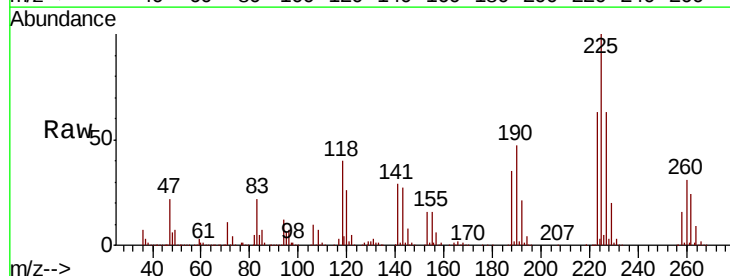


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

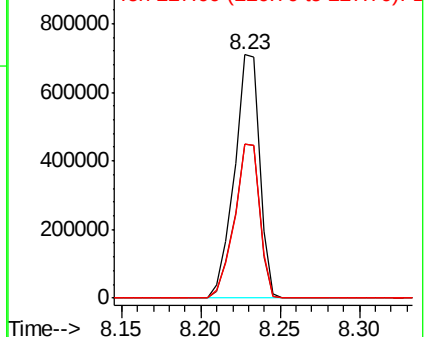
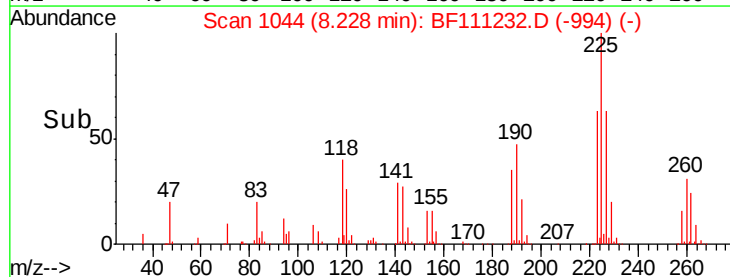


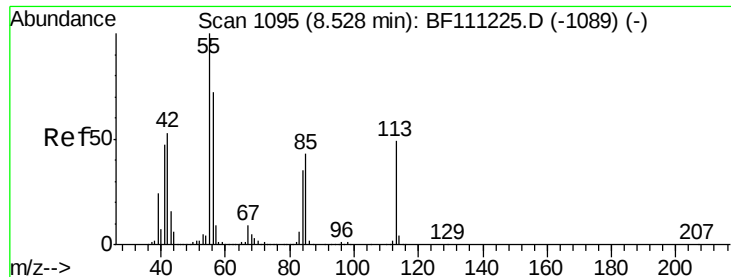
#34
Hexachlorobutadiene
Concen: 40.895 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Tgt Ion	225	Resp: Lower	784544 Upper
	Ratio		
225	100		
223	63.5	50.7	76.1
227	63.4	52.6	78.8



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

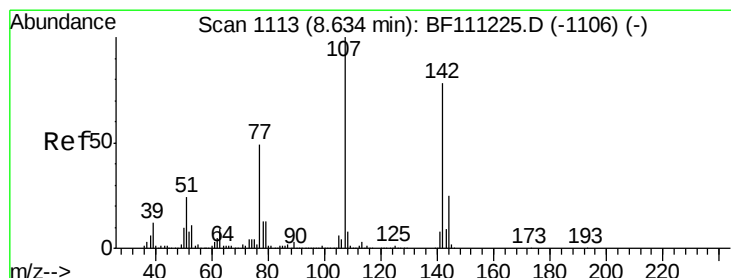
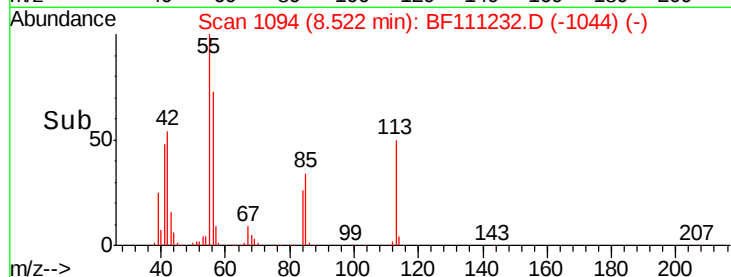
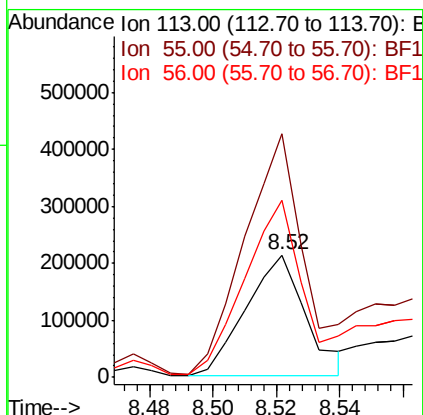
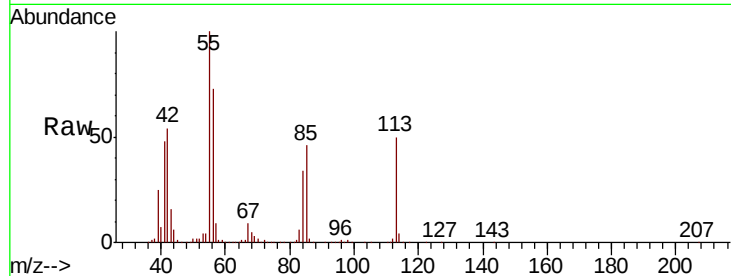




#35
Caprolactam
Concen: 22.133 ng
RT: 8.52 min Scan# 1094
Delta R.T. -0.01 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

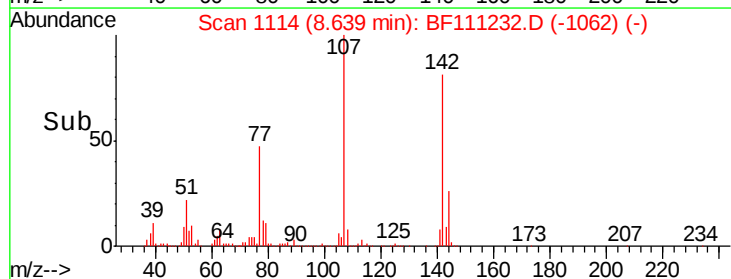
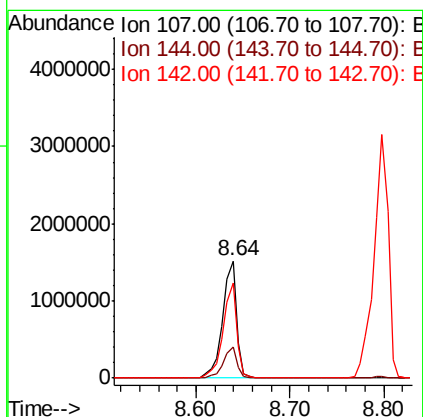
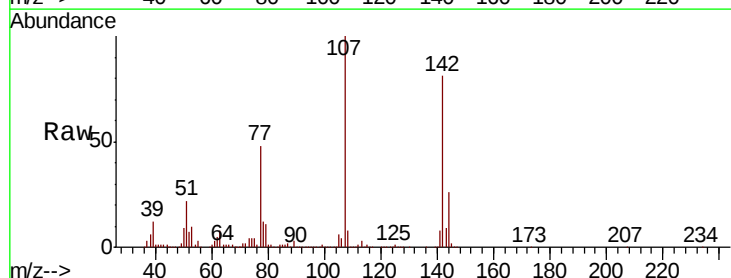
Instrument :
BNA_F
ClientSampleId :

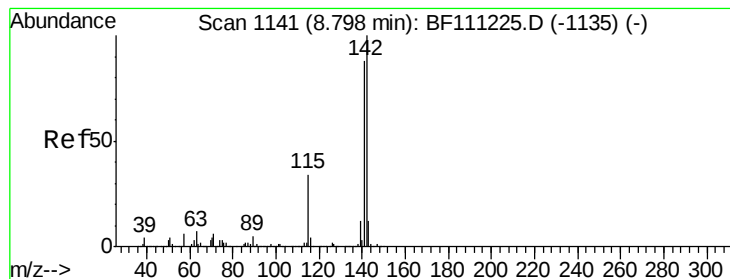
Tot Ion:113 Resp: 276714
Ion Ratio Lower Upper
113 100
55 199.6 184.1 224.1
56 145.3 126.0 166.0



#36
4-Chloro-3-methylphenol
Concen: 43.874 ng
RT: 8.64 min Scan# 1114
Delta R.T. 0.01 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Tgt Ion:107 Resp: 1584906
Ion Ratio Lower Upper
107 100
144 26.1 19.8 29.6
142 81.3 62.3 93.5





#37

2-Methylnaphthalene

Concen: 47.428 ng

RT: 8.80 min Scan# 1141

Delta R.T. -0.00 min

Lab File: BF111232.D

Acq: 10 Dec 2018 10:34

Instrument :

BNA_F

ClientSampleId :

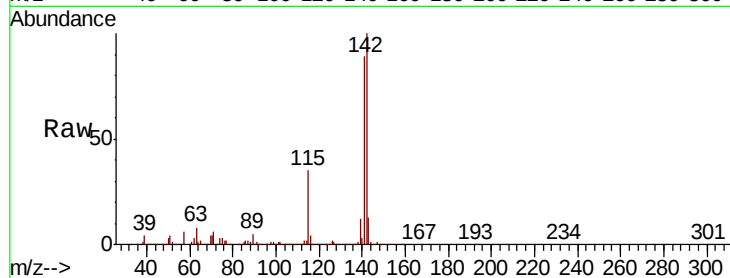
Tot Ion:142 Resp: 3328569

Ion Ratio Lower Upper

142 100

141 88.7 70.6 105.8

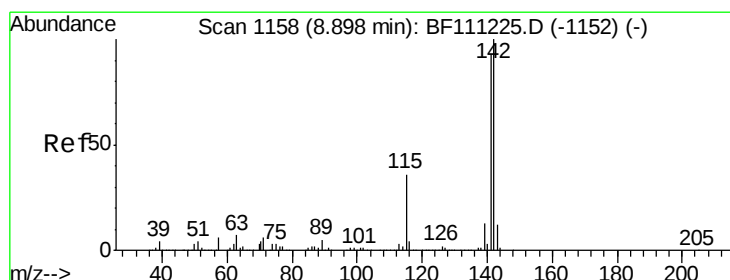
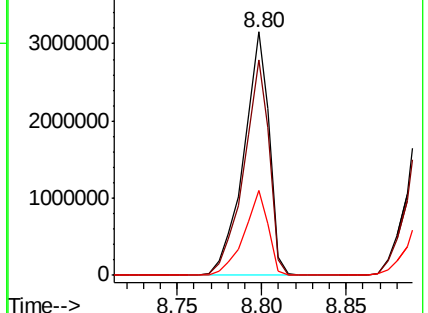
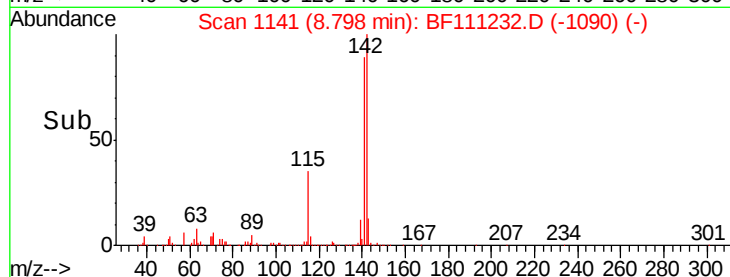
115 35.0 27.0 40.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 45.550 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF111232.D

Acq: 10 Dec 2018 10:34

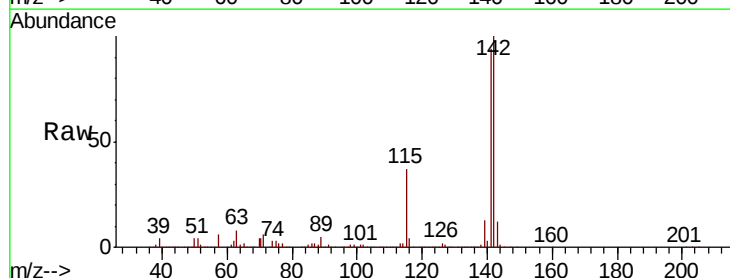
Tgt Ion:142 Resp: 3130529

Ion Ratio Lower Upper

142 100

141 93.7 74.2 111.4

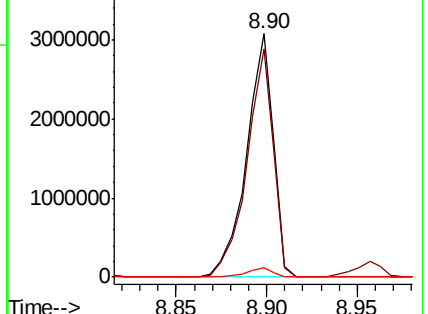
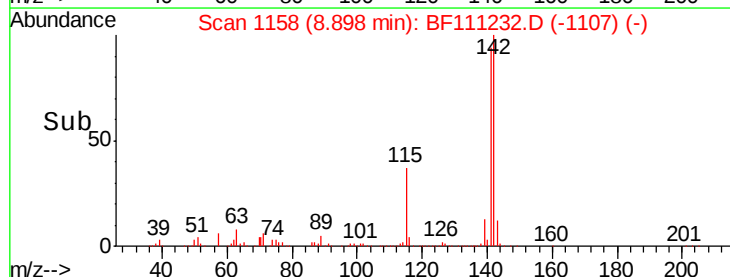
116 3.9 2.9 4.3

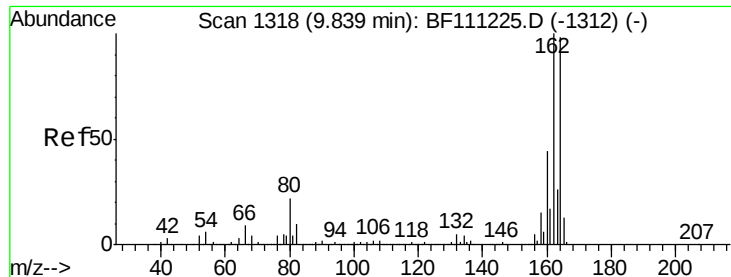


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BF111232.D

Acq: 10 Dec 2018 10:34

Instrument :

BNA_F

ClientSampleId :

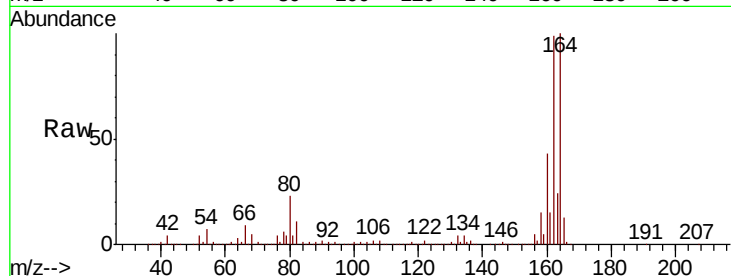
Tot Ion:164 Resp: 1100700

Ion Ratio Lower Upper

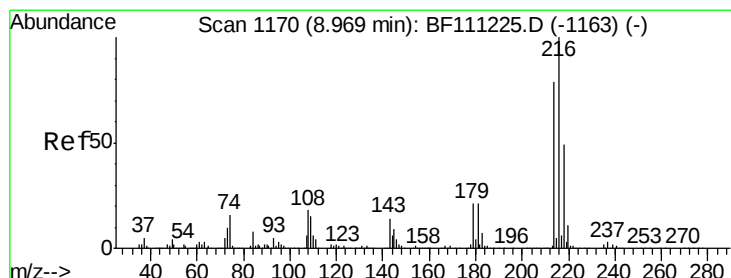
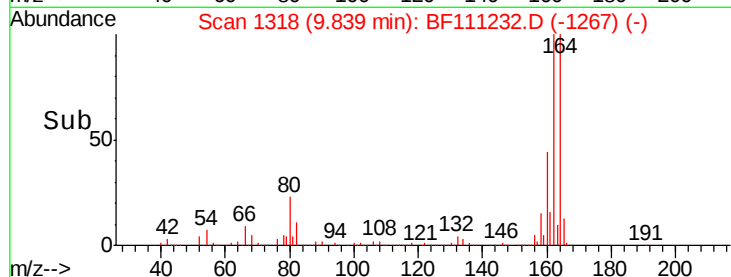
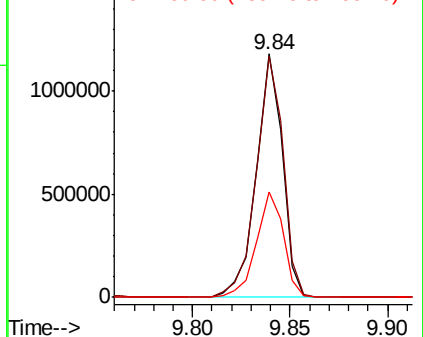
164 100

162 98.9 81.4 122.0

160 43.5 35.7 53.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.788 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BF111232.D

Acq: 10 Dec 2018 10:34

Tgt Ion:216 Resp: 1157337

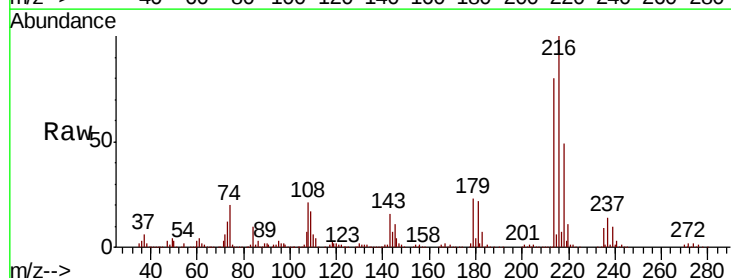
Ion Ratio Lower Upper

216 100

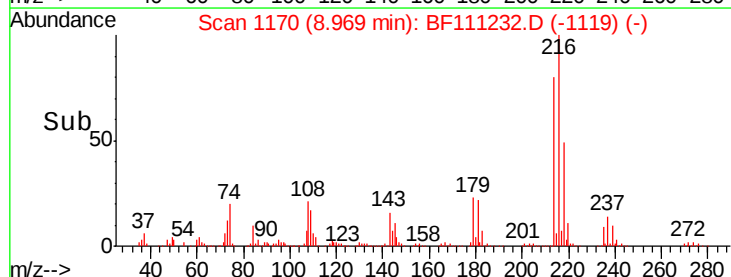
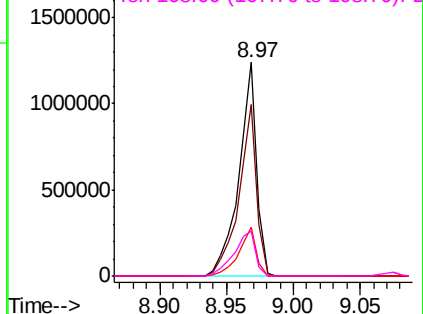
214 79.3 63.8 95.8

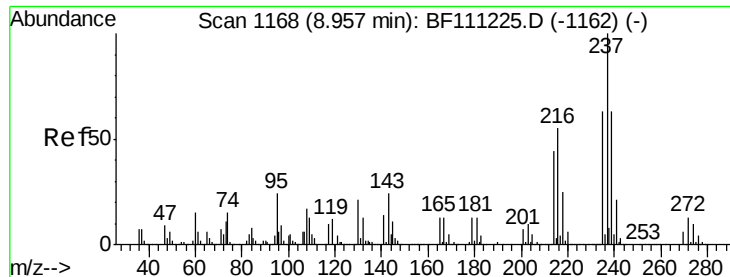
179 22.6 17.9 26.9

108 25.8 18.4 27.6



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 81.648 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BF111232.D

Acq: 10 Dec 2018 10:34

Instrument :

BNA_F

ClientSampleId :

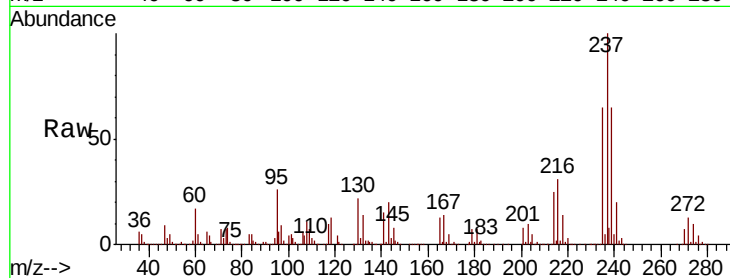
Tot Ion:237 Resp: 1424129

Ion Ratio Lower Upper

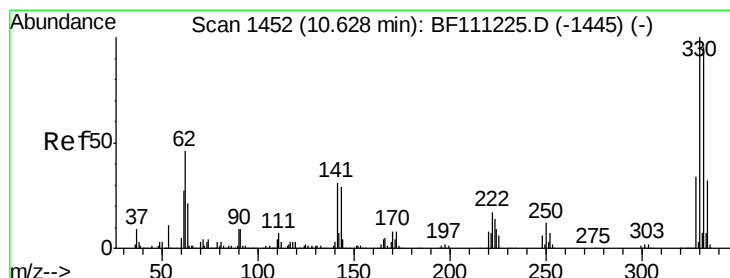
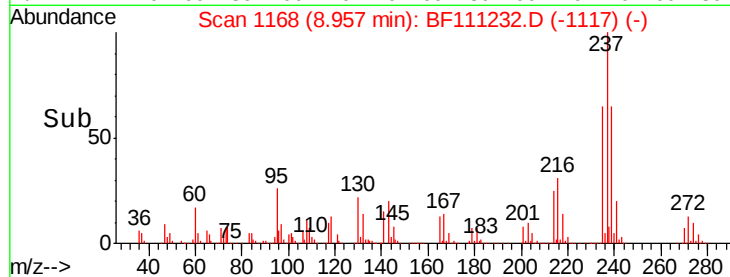
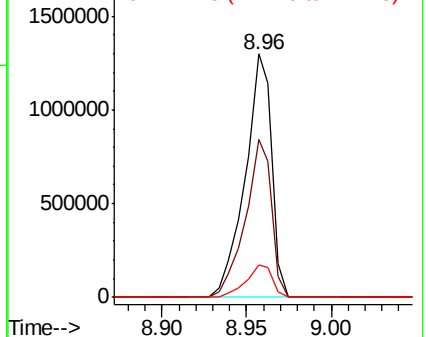
237 100

235 64.7 43.1 83.1

272 13.1 0.0 33.0



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 116.662 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.01 min

Lab File: BF111232.D

Acq: 10 Dec 2018 10:34

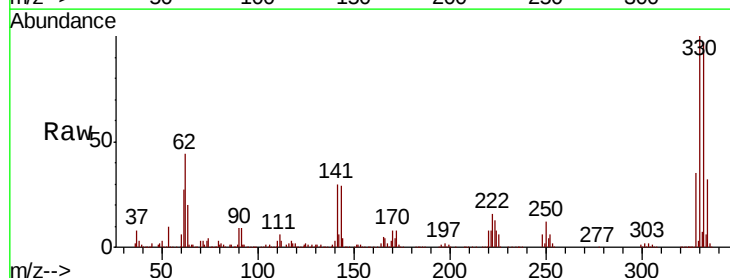
Tgt Ion:330 Resp: 1137467

Ion Ratio Lower Upper

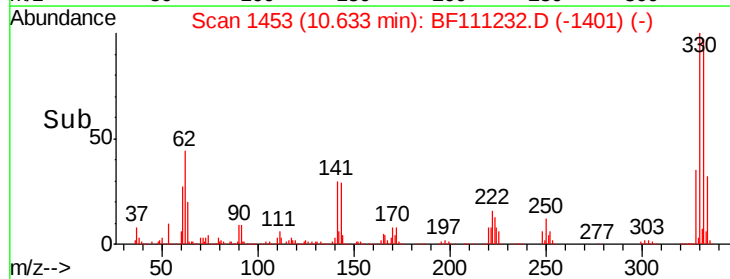
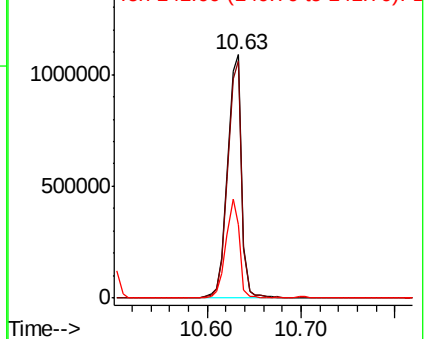
330 100

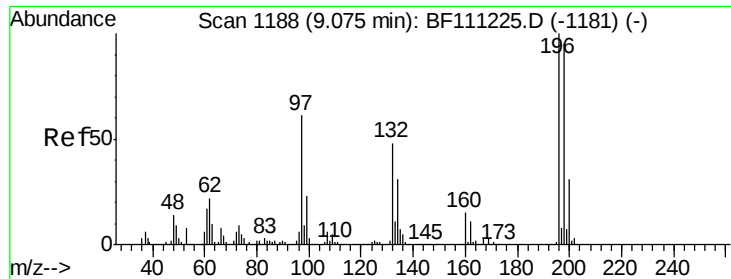
332 96.0 76.0 114.0

141 39.2 31.0 46.6



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

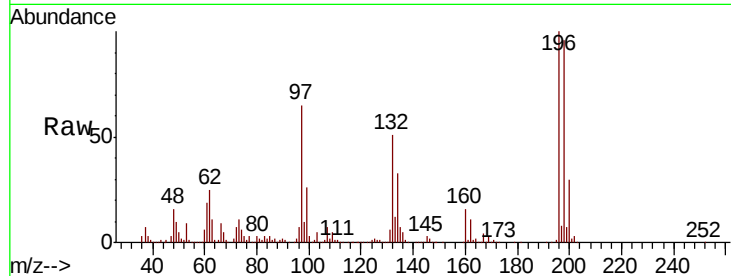




#43
 2,4,6-Trichlorophenol
 Concen: 42.170 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF111232.D
 Acq: 10 Dec 2018 10:34

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	969477
Ion Ratio	Lower	Upper	
196	100		
198	95.7	76.3	114.5
200	30.1	24.9	37.3

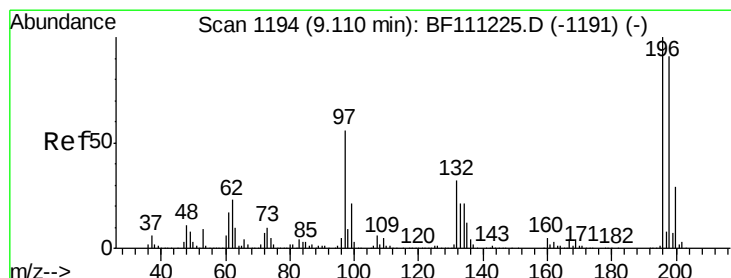
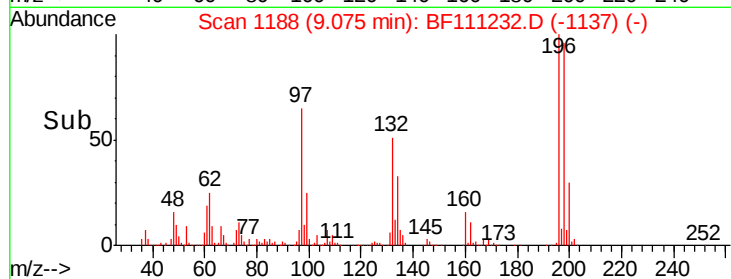
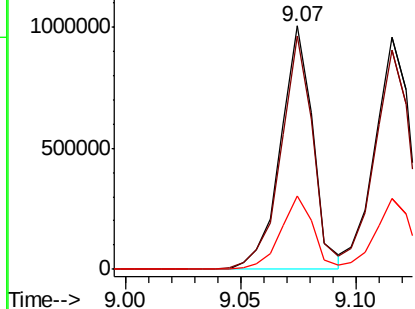


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 42.427 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: BF111232.D
 Acq: 10 Dec 2018 10:34

Tgt Ion	196	Resp	1016089
Ion Ratio	Lower	Upper	
196	100		
198	94.5	72.9	109.3
97	56.4	45.3	67.9
132	33.5	25.5	38.3

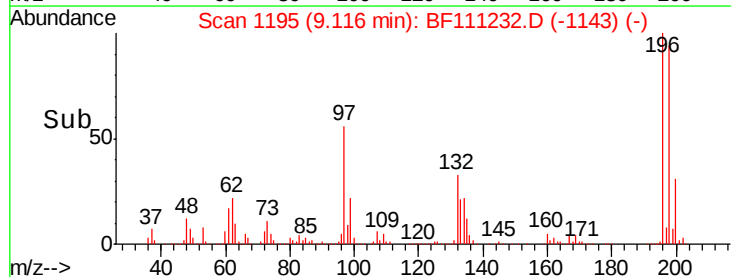
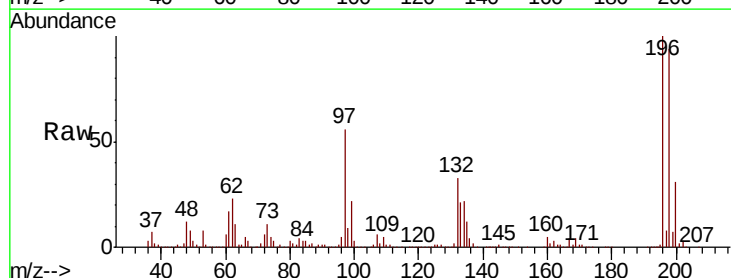
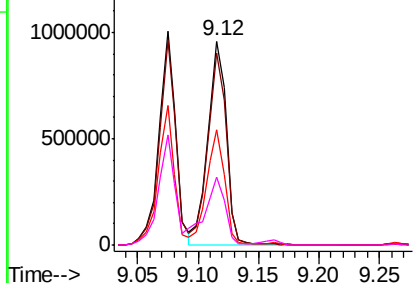
Abundance

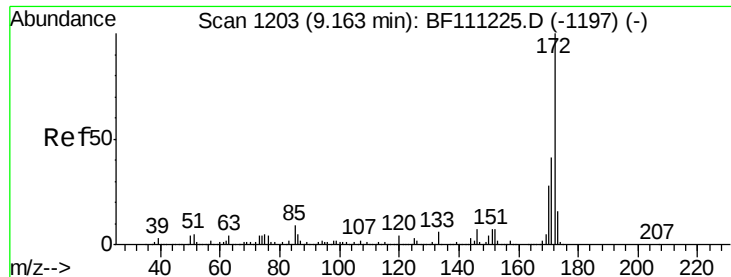
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

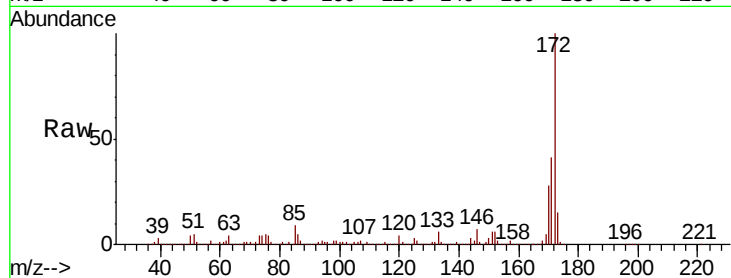




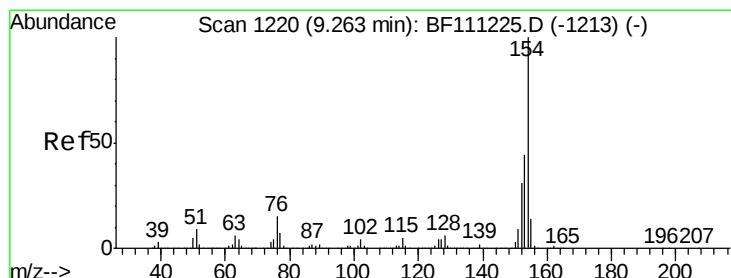
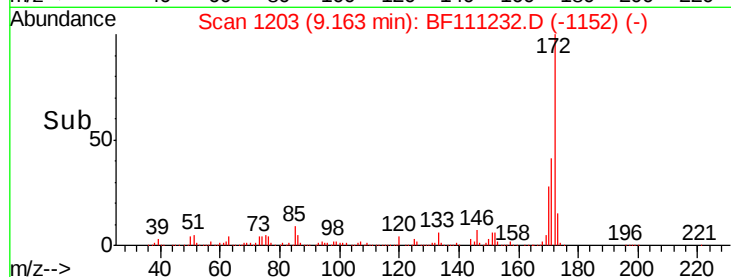
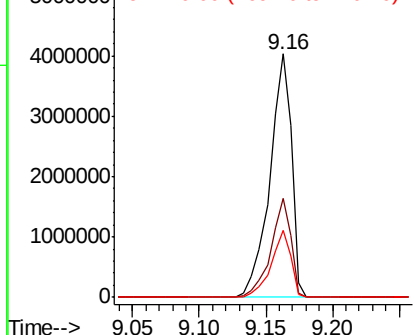
#45
2-Fluorobiphenyl
Concen: 67.716 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 4564978
Ion Ratio Lower Upper
172 100
171 40.7 33.0 49.4
170 27.6 22.3 33.5

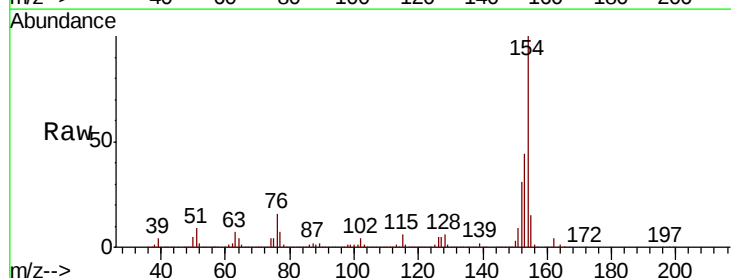


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

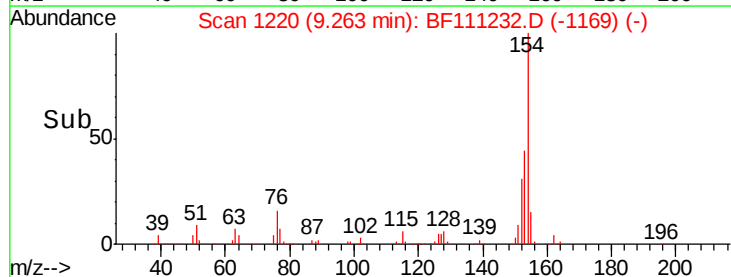
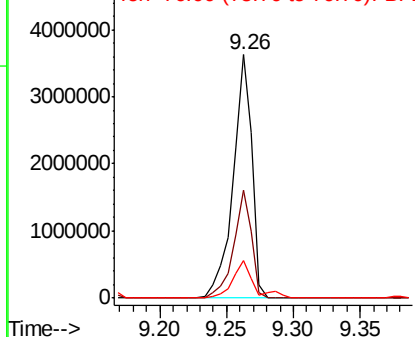


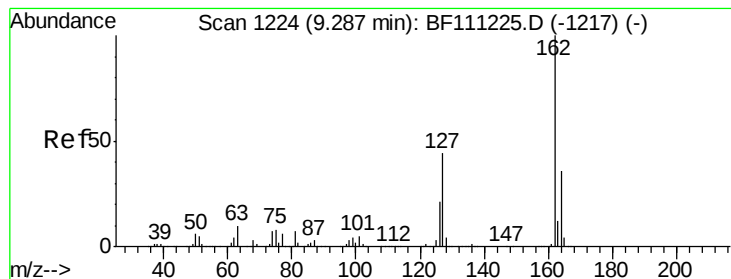
#46
1,1'-Biphenyl
Concen: 40.045 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Tgt Ion:154 Resp: 3580915
Ion Ratio Lower Upper
154 100
153 44.2 23.7 63.7
76 15.7 0.0 35.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 40.680 ng

RT: 9.29 min Scan# 1224

Delta R.T. -0.00 min

Lab File: BF111232.D

Acq: 10 Dec 2018 10:34

Instrument :

BNA_F

ClientSampleId :

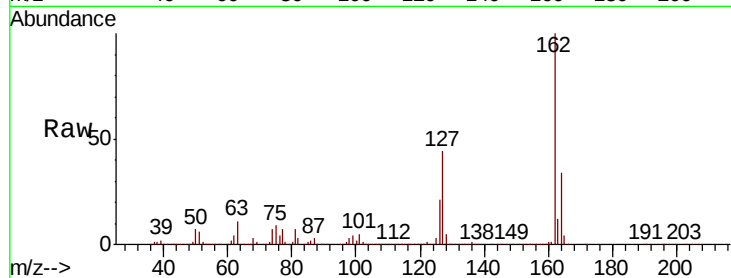
Tot Ion:162 Resp: 2929795

Ion Ratio Lower Upper

162 100

127 44.0 35.0 52.4

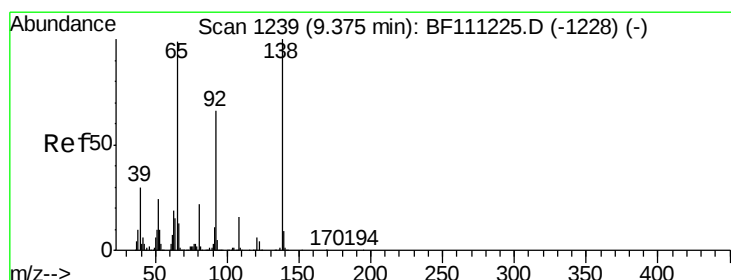
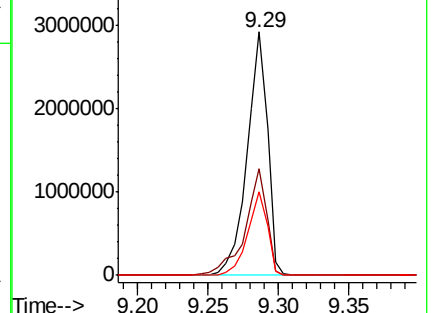
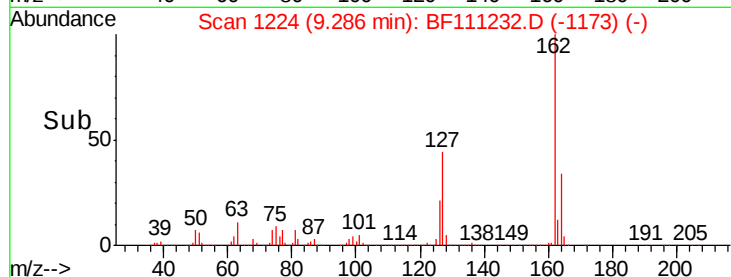
164 34.3 28.4 42.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 42.394 ng

RT: 9.38 min Scan# 1240

Delta R.T. 0.01 min

Lab File: BF111232.D

Acq: 10 Dec 2018 10:34

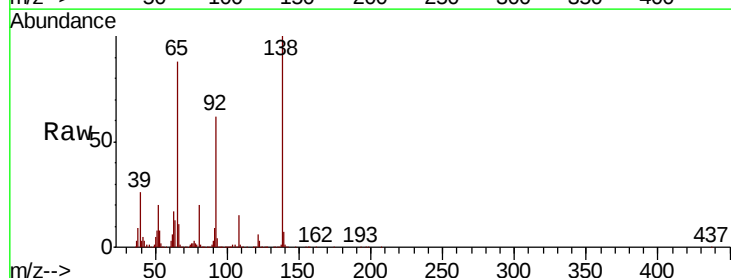
Tgt Ion: 65 Resp: 1041544

Ion Ratio Lower Upper

65 100

92 71.0 53.5 80.3

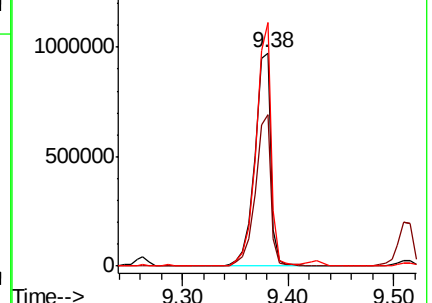
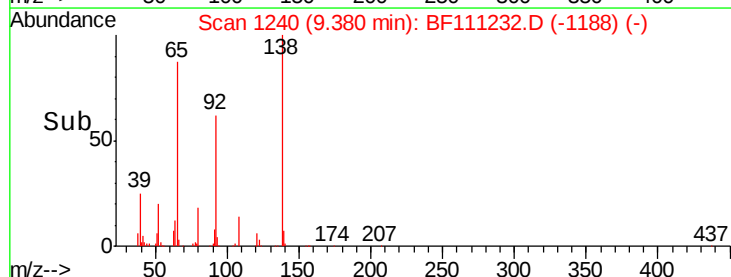
138 114.2 80.9 121.3

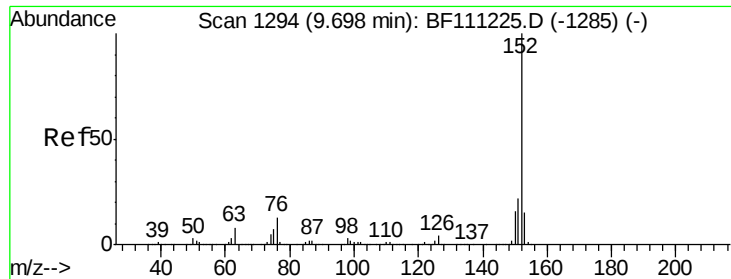


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.990 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.01 min

Lab File: BF111232.D

Acq: 10 Dec 2018 10:34

Instrument :

BNA_F

ClientSampleId :

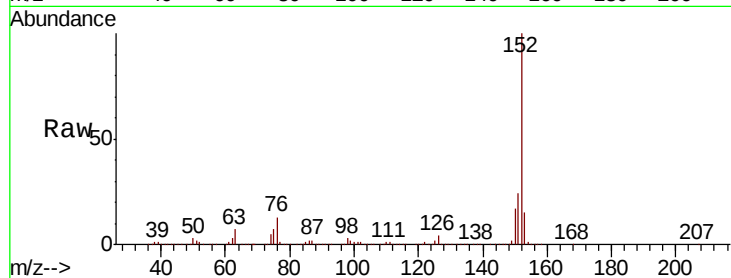
Tot Ion:152 Resp: 4494811

Ion Ratio Lower Upper

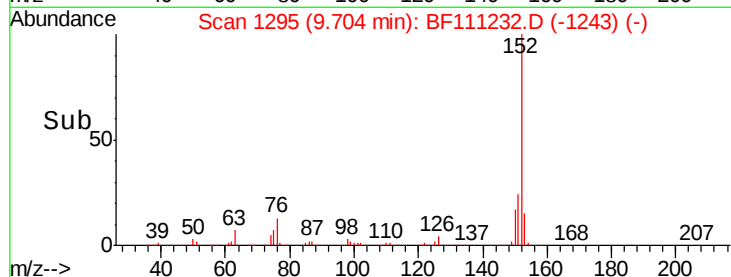
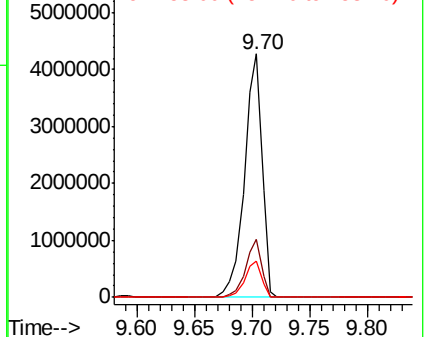
152 100

151 23.9 18.0 27.0

153 15.1 12.3 18.5



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.126 ng

RT: 9.57 min Scan# 1272

Delta R.T. 0.01 min

Lab File: BF111232.D

Acq: 10 Dec 2018 10:34

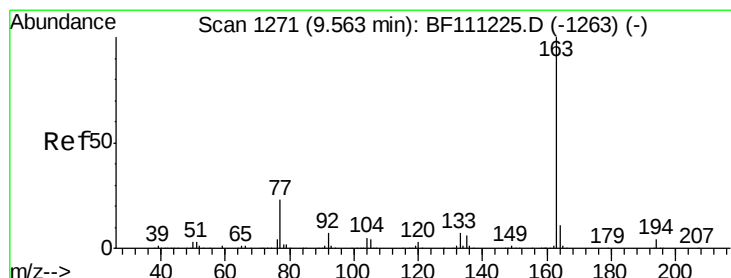
Tgt Ion:163 Resp: 3258881

Ion Ratio Lower Upper

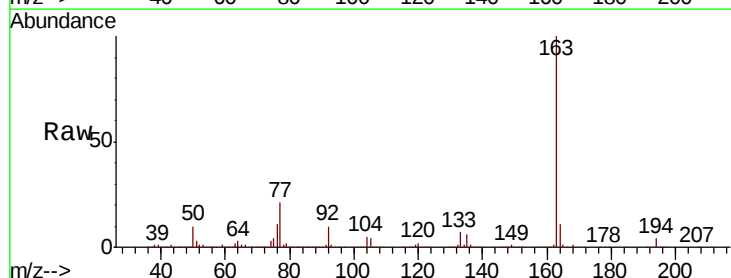
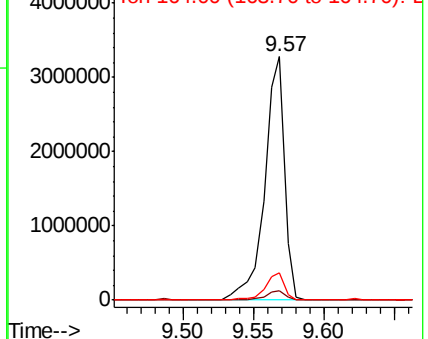
163 100

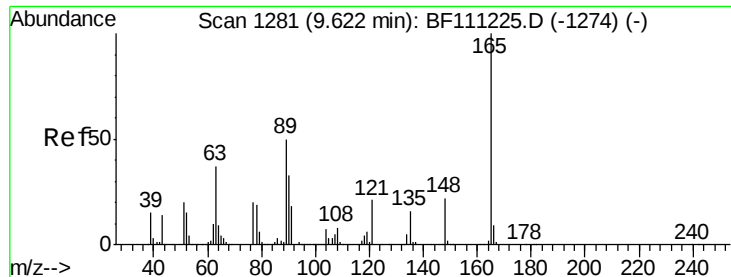
194 4.1 3.0 4.6

164 11.0 8.9 13.3



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

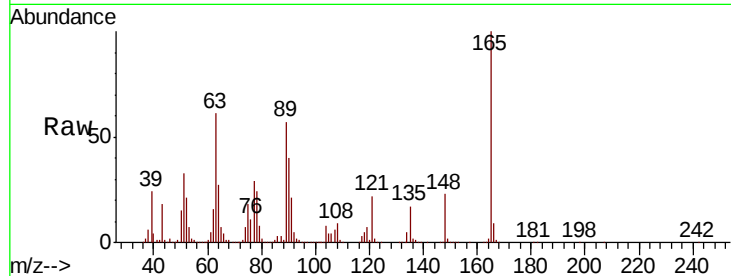




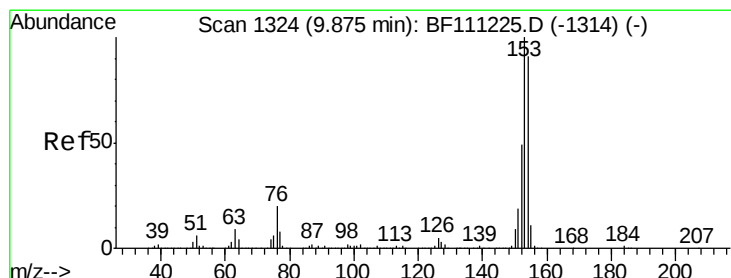
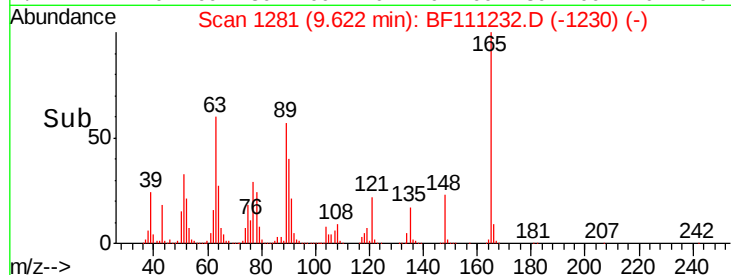
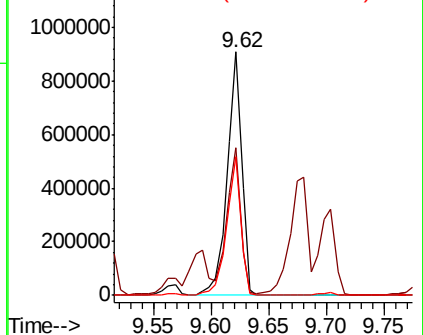
#51
2,6-Dinitrotoluene
Concen: 44.404 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 796411
Ion Ratio Lower Upper
165 100
63 60.6 40.5 60.7
89 57.0 40.0 60.0

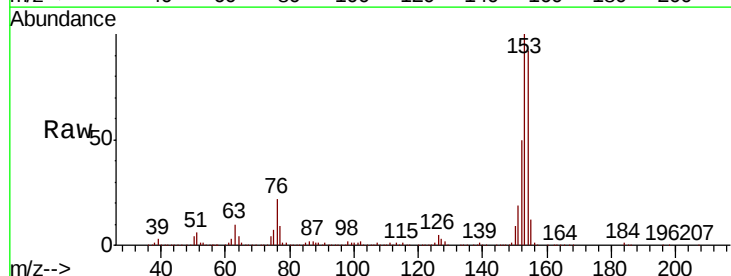


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

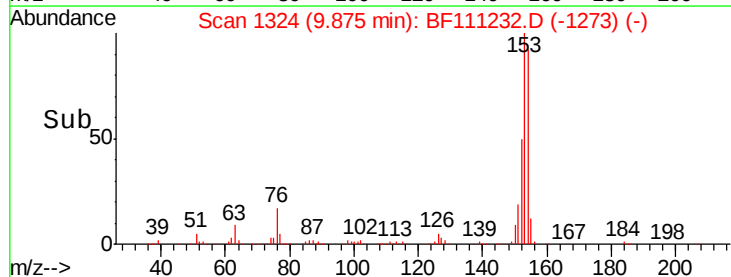
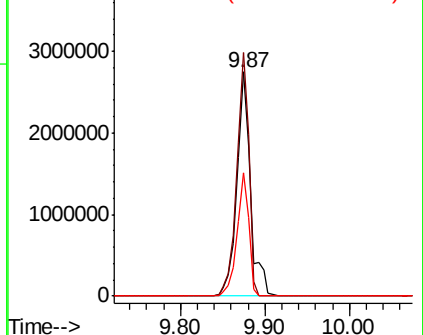


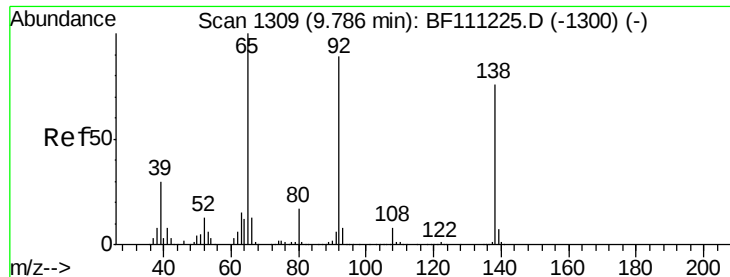
#52
Acenaphthene
Concen: 46.058 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Tgt Ion:154 Resp: 3021966
Ion Ratio Lower Upper
154 100
153 108.6 87.8 131.8
152 54.8 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

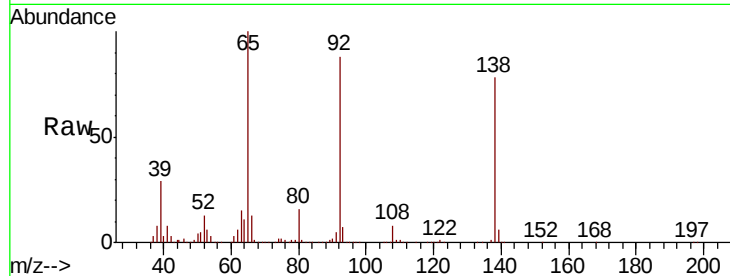




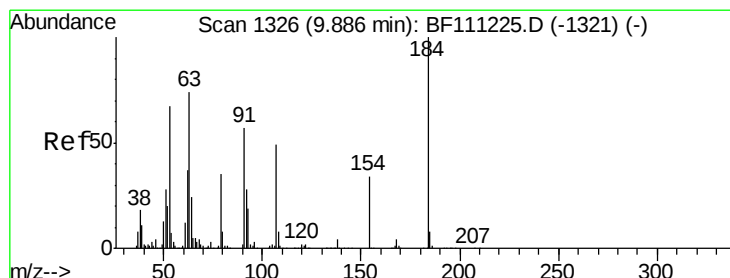
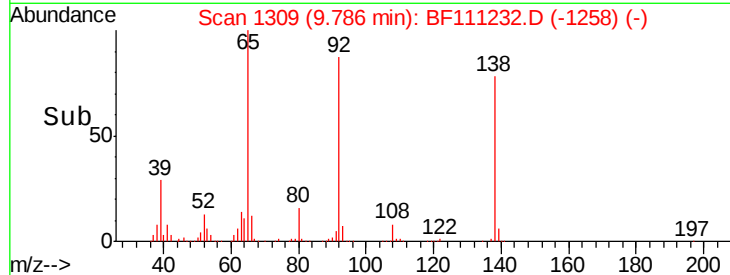
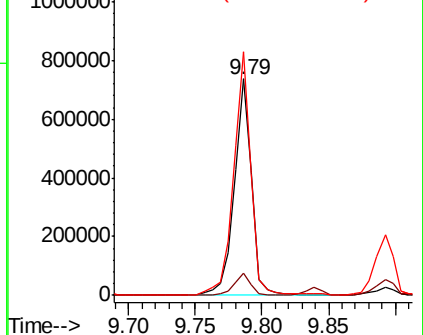
#53
3-Nitroaniline
Concen: 30.477 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 674709
Ion Ratio Lower Upper
138 100
108 10.0 8.2 12.4
92 112.5 93.4 140.2

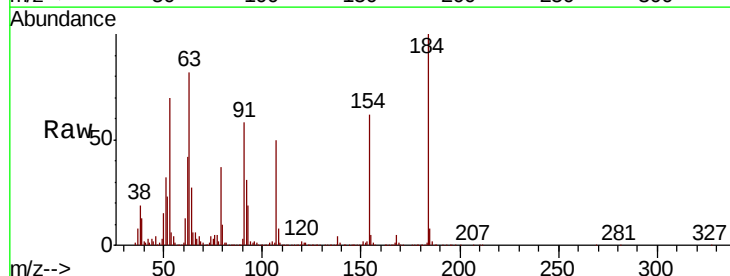


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

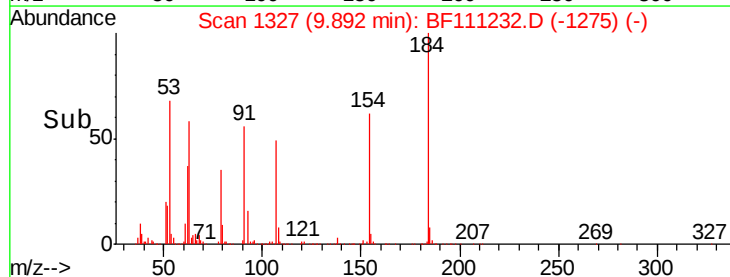
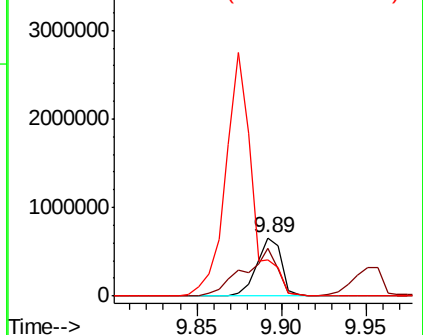


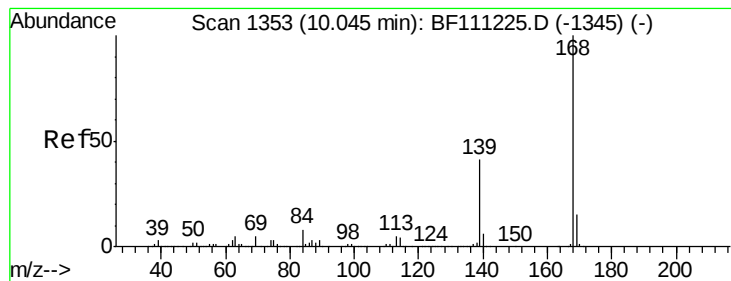
#54
2,4-Dinitrophenol
Concen: 95.016 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Tgt Ion:184 Resp: 673437
Ion Ratio Lower Upper
184 100
63 81.8 62.3 93.5
154 62.1 56.2 84.2



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 43.115 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BF111232.D

Acq: 10 Dec 2018 10:34

Instrument :

BNA_F

ClientSampleId :

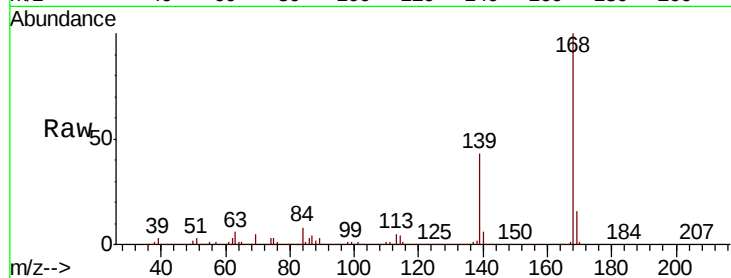
Tot Ion:168 Resp: 3848625

Ion Ratio Lower Upper

168 100

139 42.8 32.6 49.0

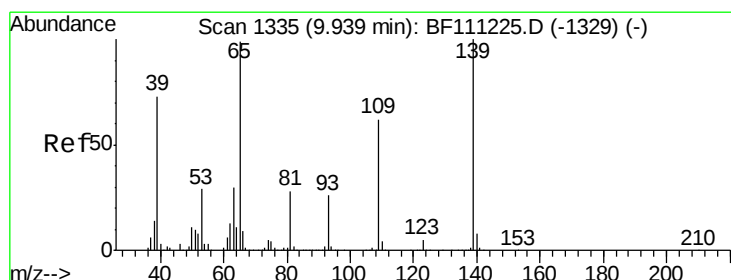
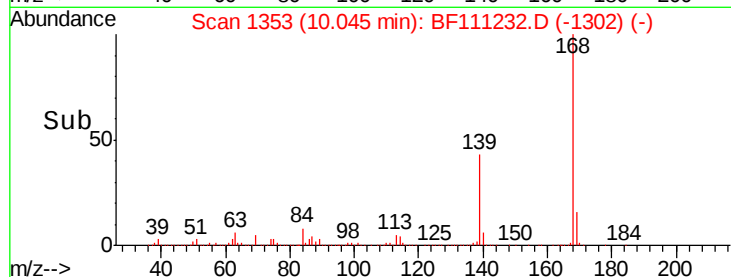
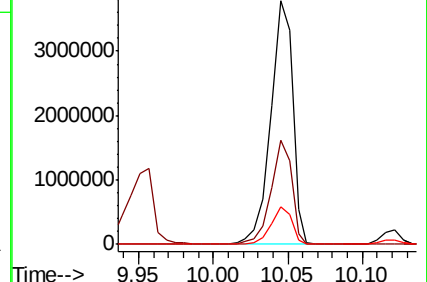
169 15.6 11.8 17.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 83.530 ng

RT: 9.96 min Scan# 1338

Delta R.T. 0.02 min

Lab File: BF111232.D

Acq: 10 Dec 2018 10:34

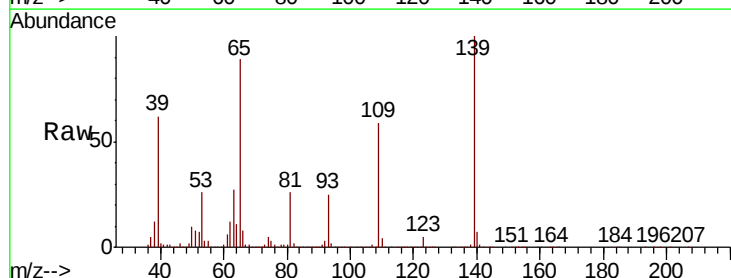
Tgt Ion:139 Resp: 1440223

Ion Ratio Lower Upper

139 100

109 59.2 41.8 81.8

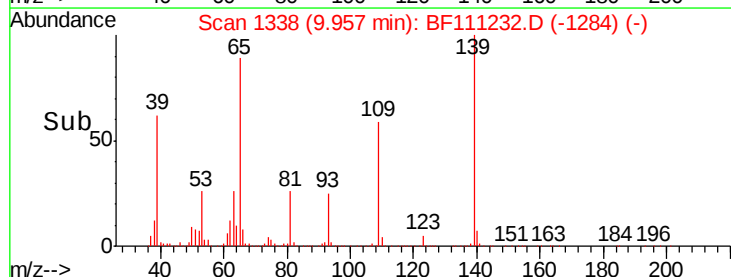
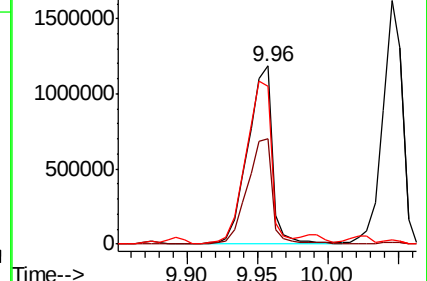
65 88.6 79.6 119.6

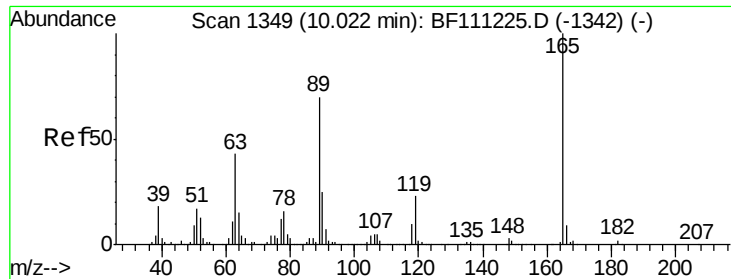


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

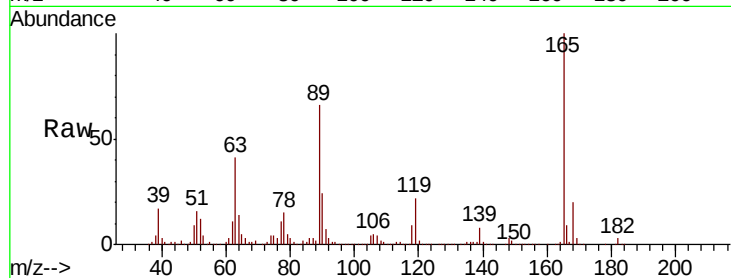




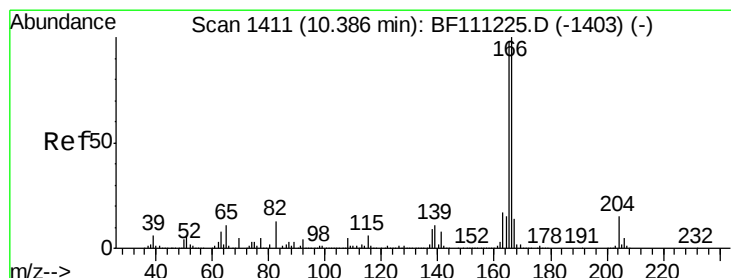
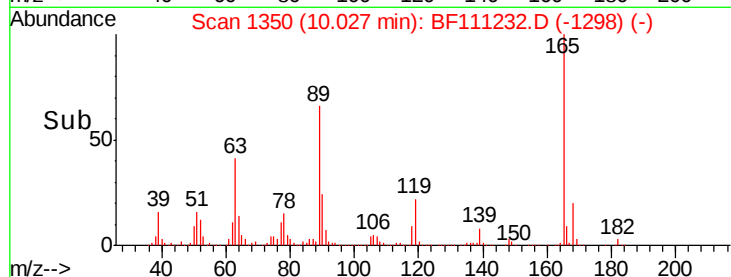
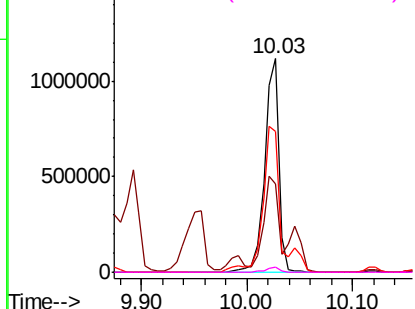
#57
 2,4-Dinitrotoluene
 Concen: 47.804 ng
 RT: 10.03 min Scan# 1350
 Delta R.T. 0.01 min
 Lab File: BF111232.D
 Acq: 10 Dec 2018 10:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 1056985
 Ion Ratio Lower Upper
 165 100
 63 41.1 34.6 52.0
 89 66.2 56.2 84.4
 182 2.5 1.8 2.6

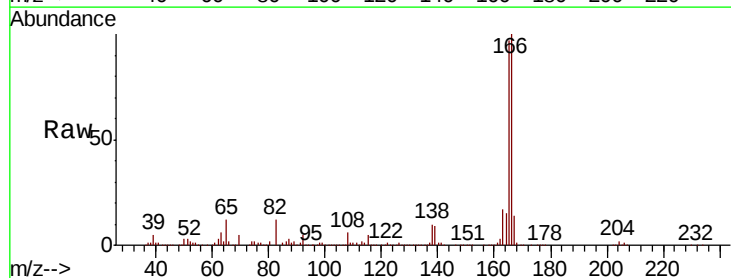


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

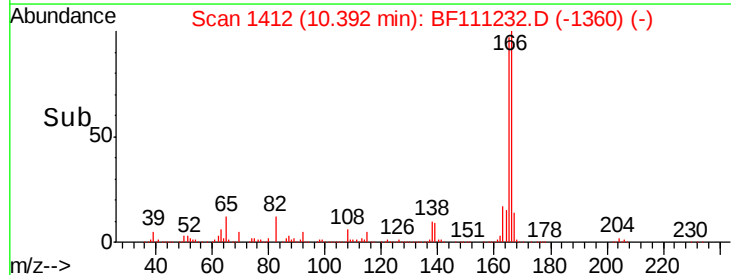
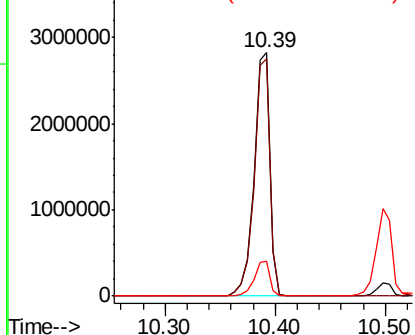


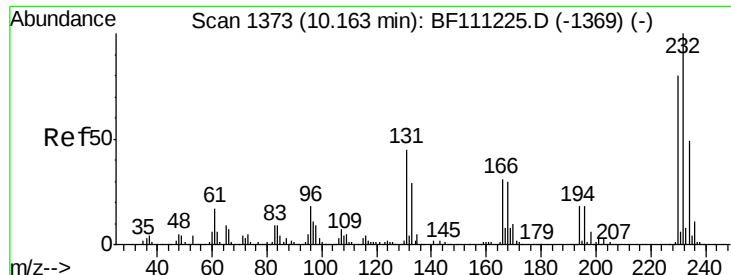
#58
 Fluorene
 Concen: 41.135 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. 0.01 min
 Lab File: BF111232.D
 Acq: 10 Dec 2018 10:34

Tgt Ion:166 Resp: 2841427
 Ion Ratio Lower Upper
 166 100
 165 97.4 78.4 117.6
 167 14.2 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 45.674 ng

RT: 10.16 min Scan# 1373

Delta R.T. -0.00 min

Lab File: BF111232.D

Acq: 10 Dec 2018 10:34

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 829129

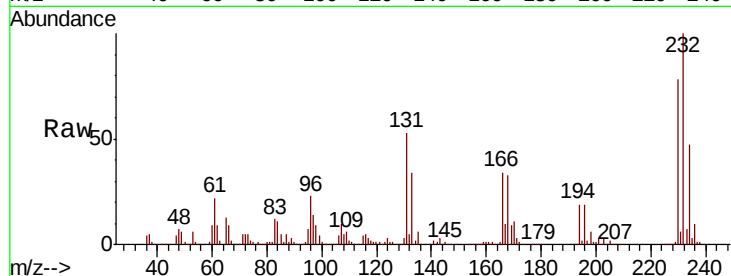
Ion Ratio Lower Upper

232 100

131 50.7 40.9 61.3

130 2.5 2.0 3.0

166 32.8 26.8 40.2

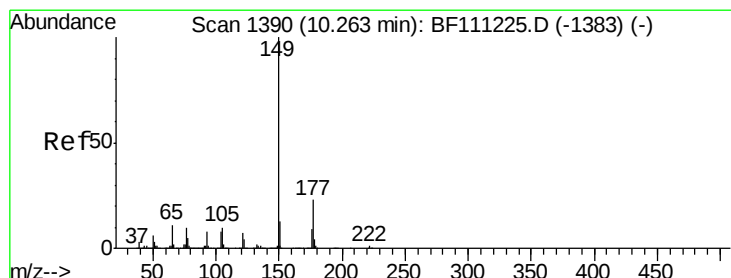
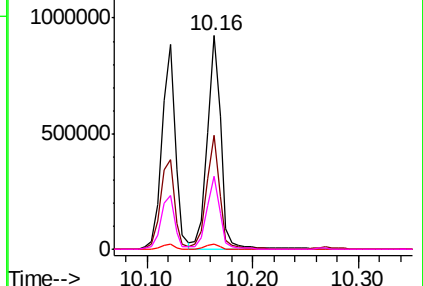
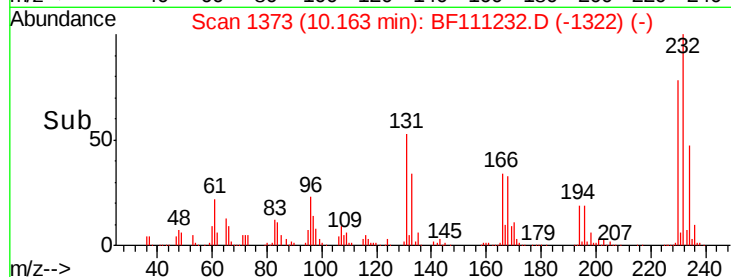


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 41.459 ng

RT: 10.27 min Scan# 1391

Delta R.T. 0.01 min

Lab File: BF111232.D

Acq: 10 Dec 2018 10:34

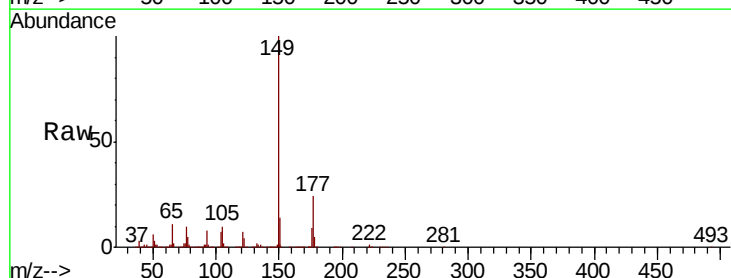
Tgt Ion:149 Resp: 3210146

Ion Ratio Lower Upper

149 100

177 23.5 18.3 27.5

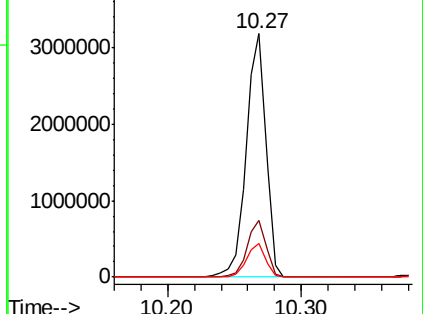
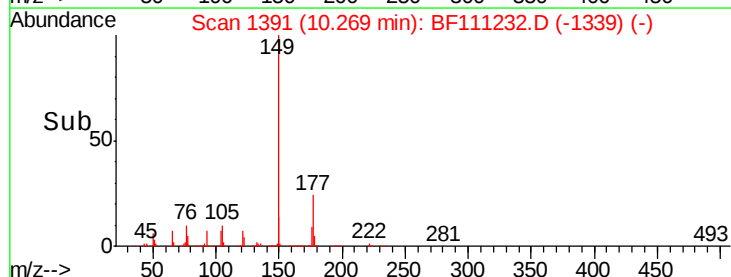
150 13.6 10.6 15.8

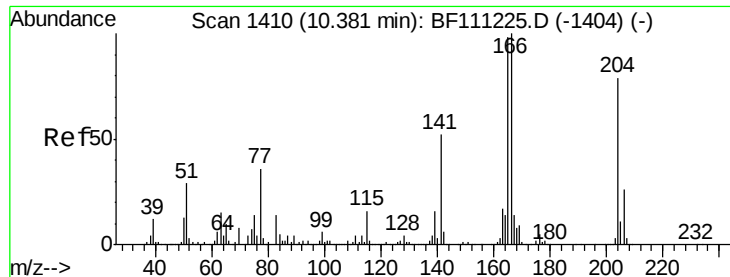


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

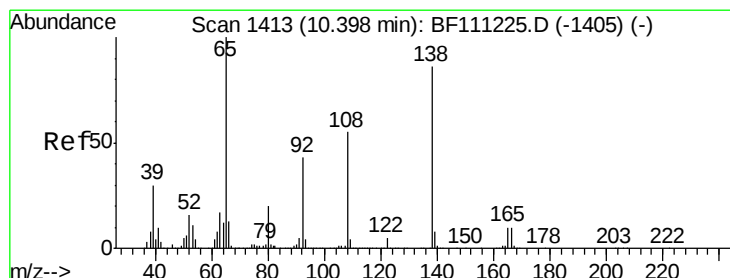
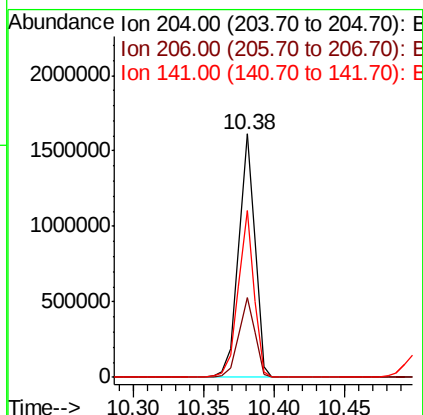
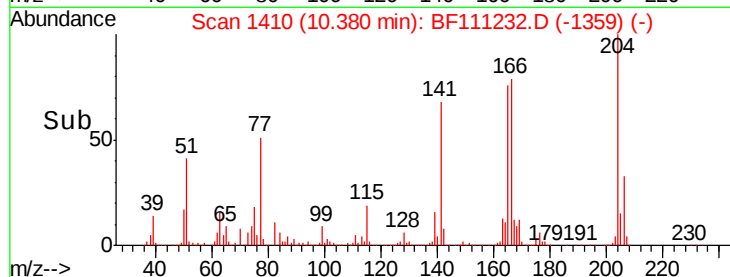
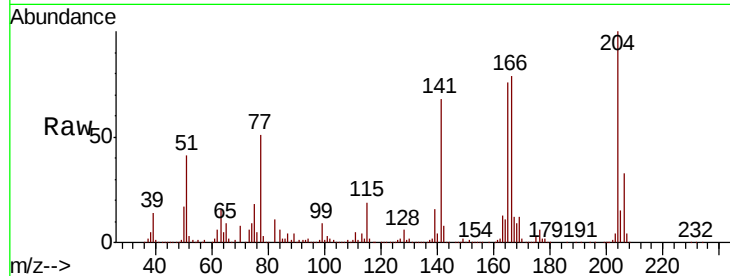




#61
4-Chlorophenyl-phenylether
Concen: 38.003 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

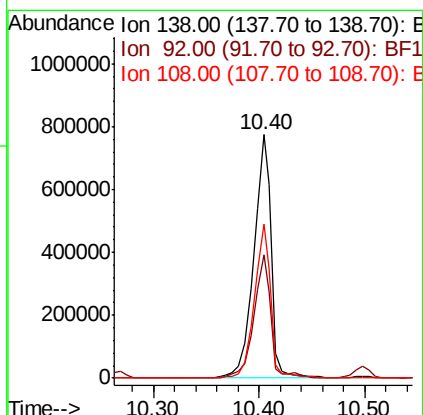
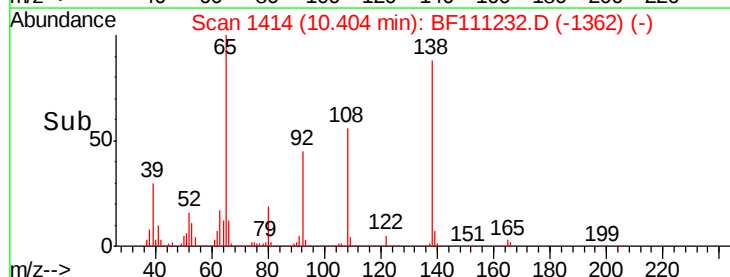
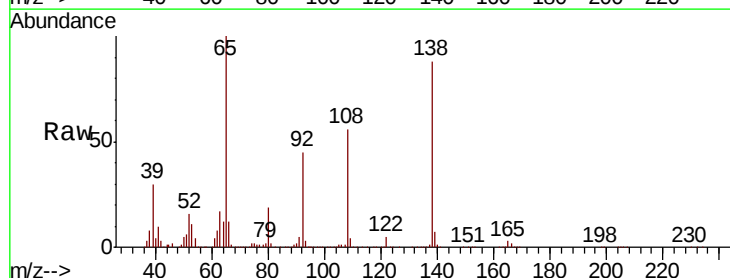
Instrument :
BNA_F
ClientSampleId :

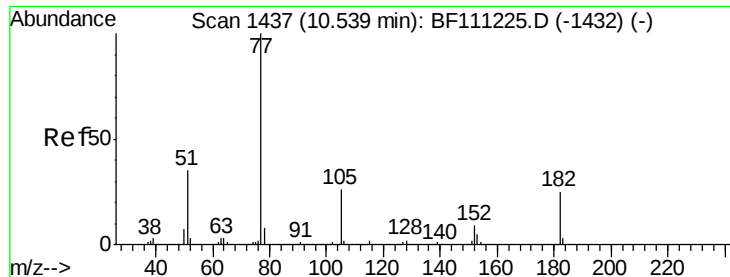
Tot Ion:204 Resp: 1303363
Ion Ratio Lower Upper
204 100
206 32.6 26.6 39.8
141 68.3 52.6 78.8



#62
4-Nitroaniline
Concen: 42.980 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Tgt Ion:138 Resp: 900307
Ion Ratio Lower Upper
138 100
92 50.7 29.9 69.9
108 63.2 43.2 83.2





#63

Azobenzene

Concen: 41.659 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BF111232.D

Acq: 10 Dec 2018 10:34

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 3348900

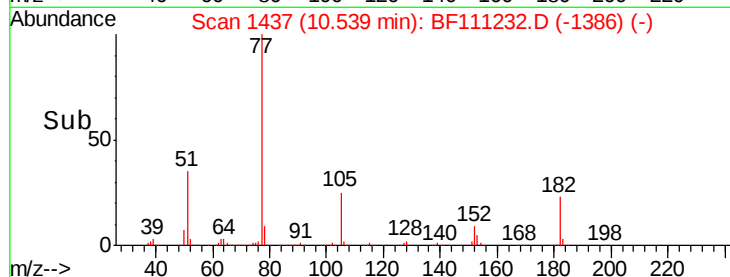
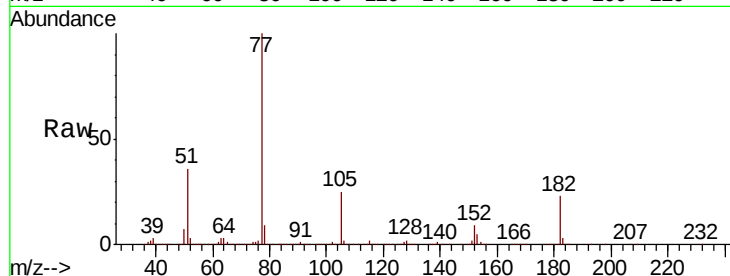
Ion	Ratio	Lower	Upper
77	100		
182	23.5	4.9	44.9
105	25.2	6.0	46.0
51	35.6	14.7	54.7

77 100

182 23.5 4.9 44.9

105 25.2 6.0 46.0

51 35.6 14.7 54.7

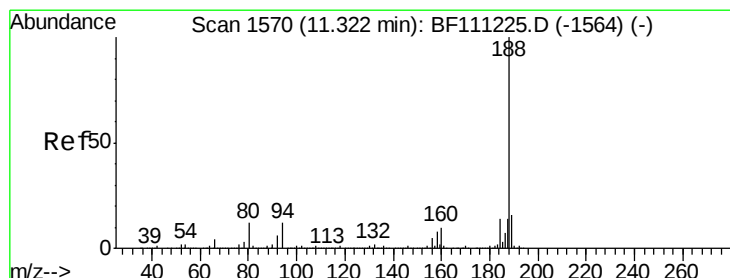
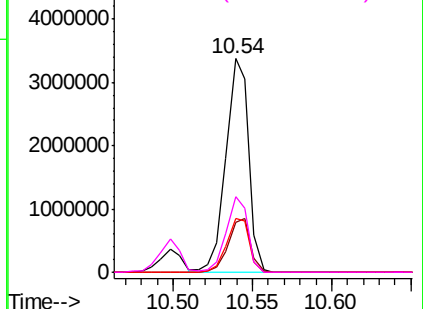


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BF111232.D

Acq: 10 Dec 2018 10:34

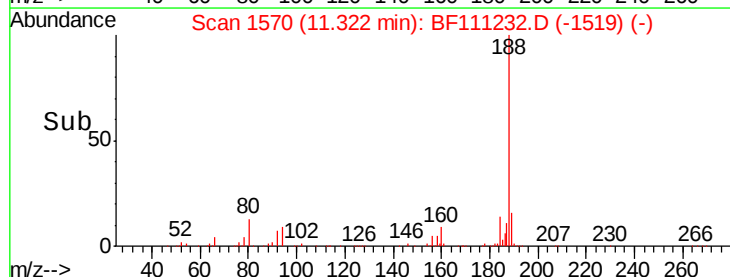
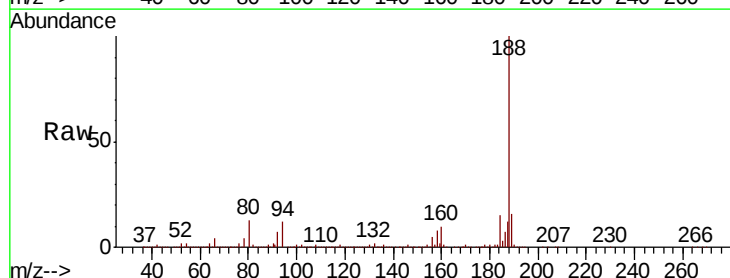
Tgt Ion: 188 Resp: 1859315

Ion	Ratio	Lower	Upper
188	100		
94	12.2	9.6	14.4
80	13.3	9.8	14.6

188 100

94 12.2 9.6 14.4

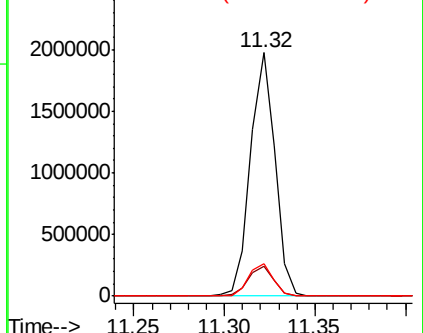
80 13.3 9.8 14.6

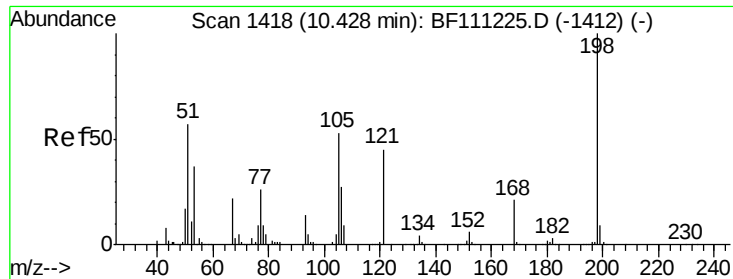


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

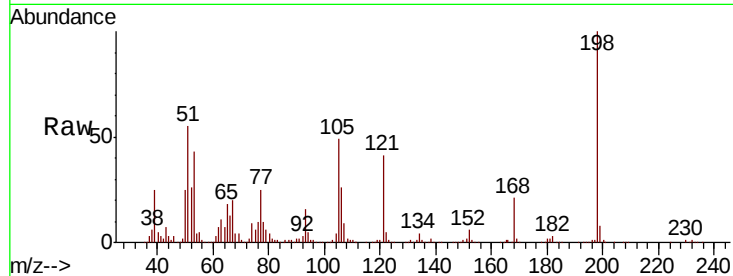




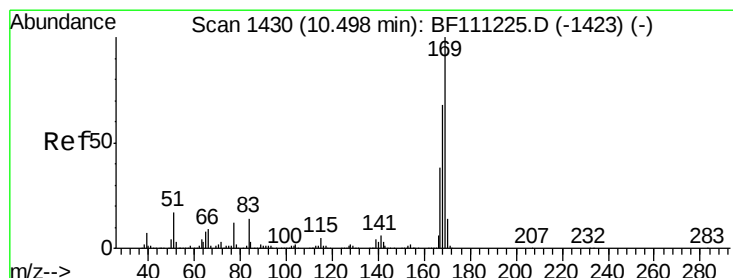
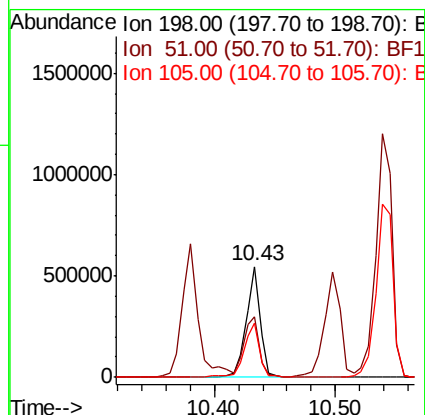
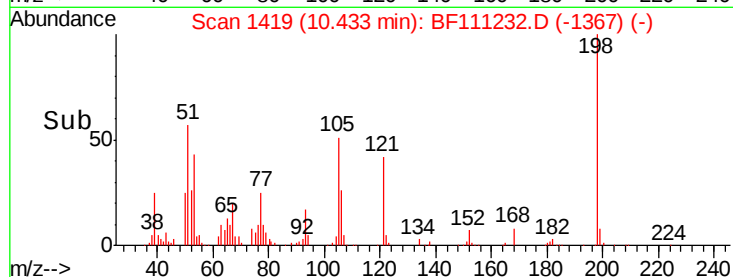
#65
4,6-Dinitro-2-methylphenol
Concen: 40.723 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 446560
Ion Ratio Lower Upper
198 100
51 55.1 48.0 88.0
105 49.5 34.0 74.0

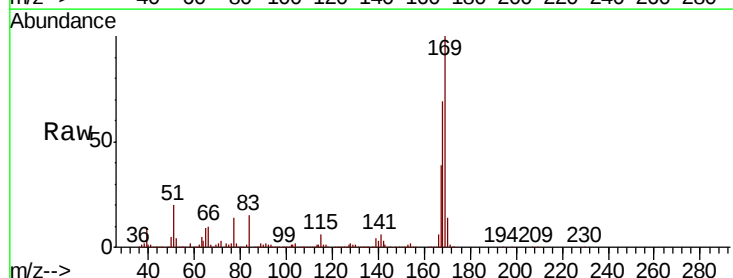


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

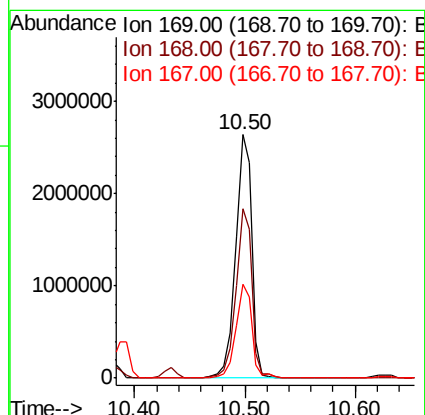
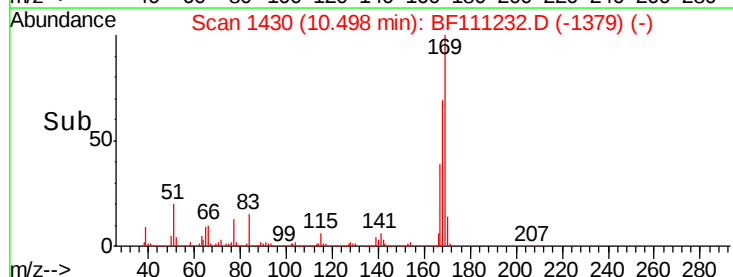


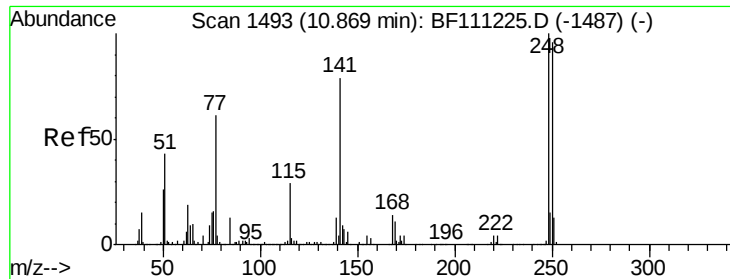
#66
n-Nitrosodiphenylamine
Concen: 42.719 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Tgt Ion:169 Resp: 2703798
Ion Ratio Lower Upper
169 100
168 69.4 54.4 81.6
167 38.6 30.5 45.7



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

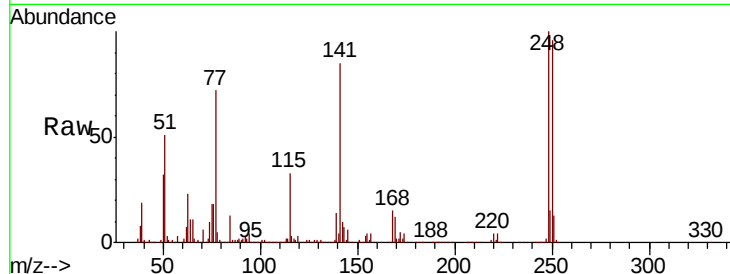




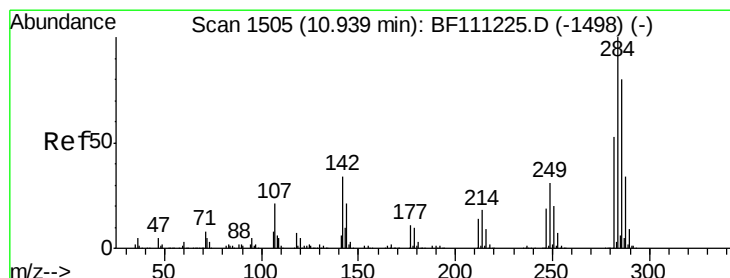
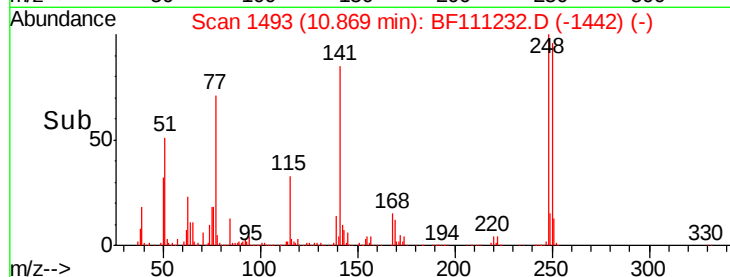
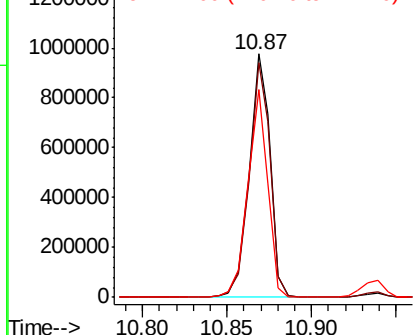
#67
4-Bromophenyl-phenylether
Concen: 41.661 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 848422
Ion Ratio Lower Upper
248 100
250 96.5 77.0 115.4
141 85.3 63.0 94.6

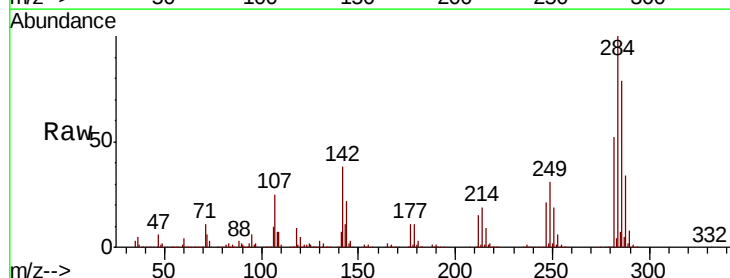


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

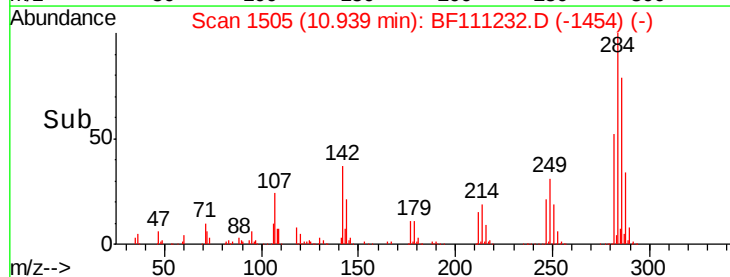
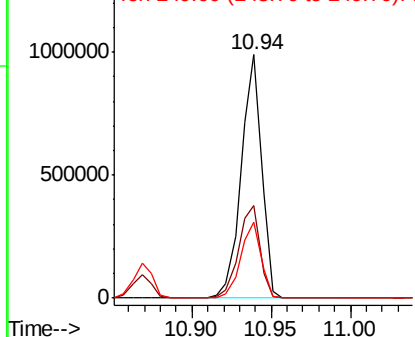


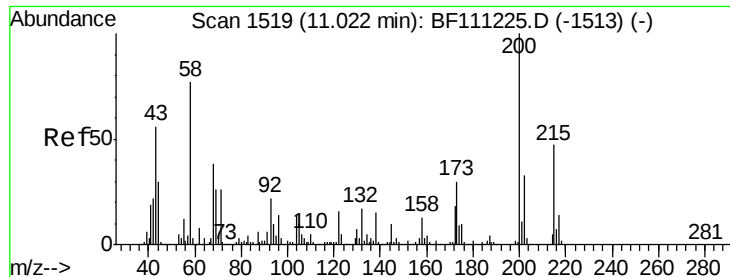
#68
Hexachlorobenzene
Concen: 42.273 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Tgt Ion:284 Resp: 875742
Ion Ratio Lower Upper
284 100
142 38.0 27.4 41.2
249 31.4 24.4 36.6



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 43.835 ng

RT: 11.03 min Scan# 1520

Delta R.T. 0.01 min

Lab File: BF111232.D

Acq: 10 Dec 2018 10:34

Instrument :

BNA_F

ClientSampleId :

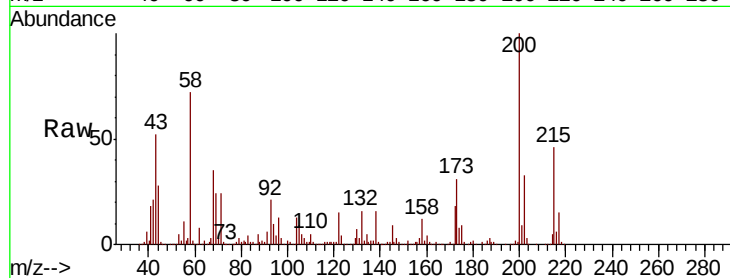
Tot Ion:200 Resp: 843683

Ion Ratio Lower Upper

200 100

173 30.5 10.1 50.1

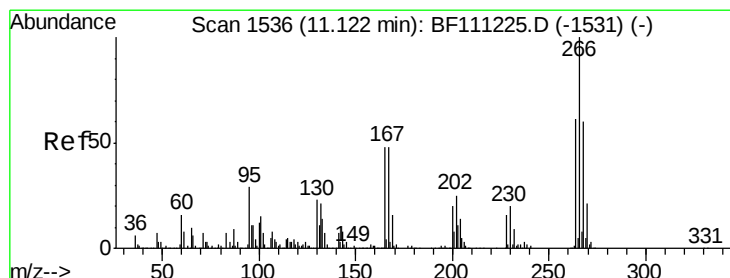
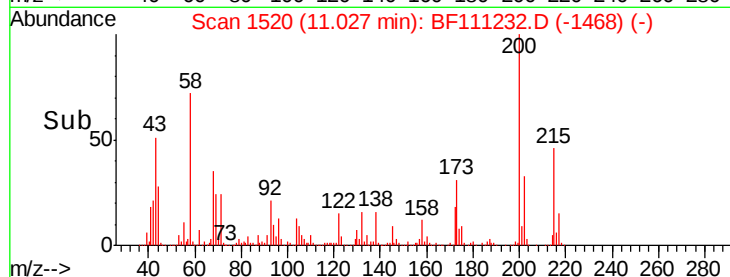
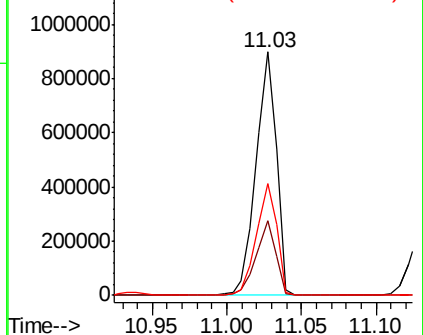
215 46.1 26.9 66.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 70.481 ng

RT: 11.13 min Scan# 1537

Delta R.T. 0.01 min

Lab File: BF111232.D

Acq: 10 Dec 2018 10:34

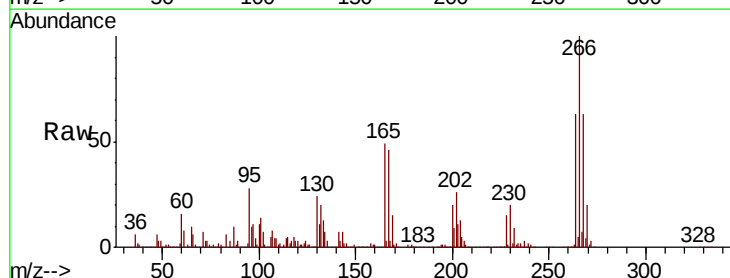
Tgt Ion:266 Resp: 1059221

Ion Ratio Lower Upper

266 100

268 62.6 47.9 71.9

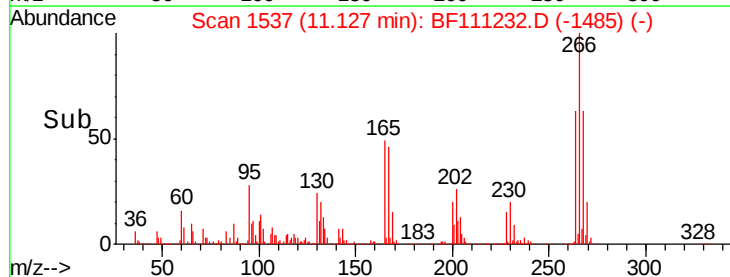
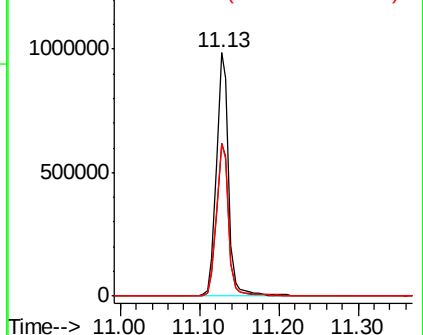
264 62.9 49.1 73.7

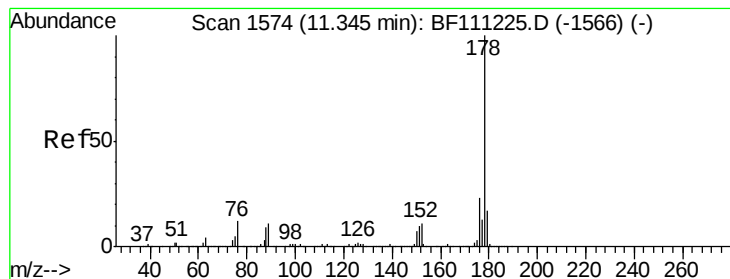


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.897 ng

RT: 11.35 min Scan# 1575

Delta R.T. 0.01 min

Lab File: BF111232.D

Acq: 10 Dec 2018 10:34

Instrument :

BNA_F

ClientSampleId :

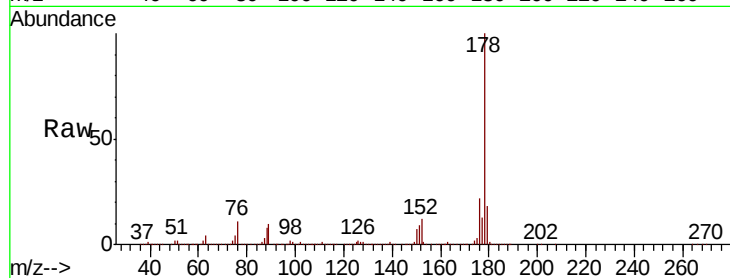
Tot Ion:178 Resp: 3929212

Ion Ratio Lower Upper

178 100

176 22.4 18.1 27.1

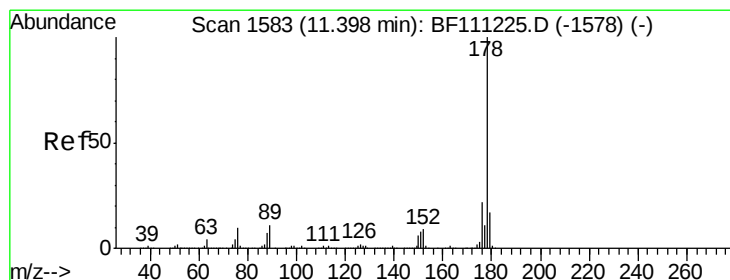
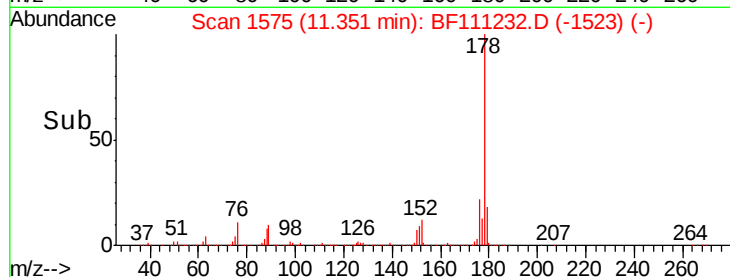
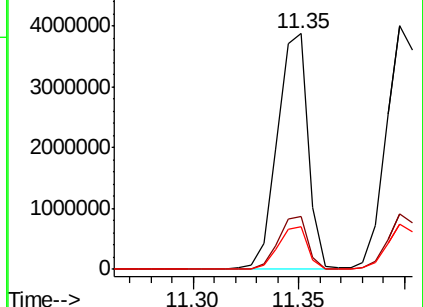
179 18.2 14.0 21.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.832 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BF111232.D

Acq: 10 Dec 2018 10:34

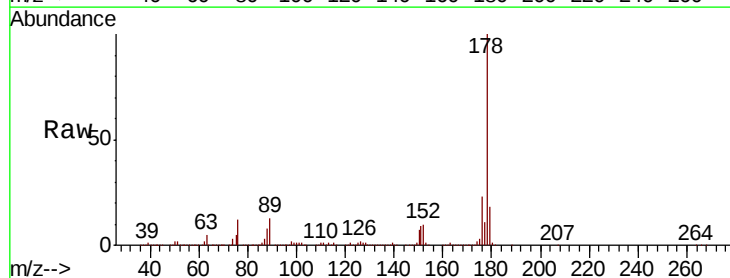
Tgt Ion:178 Resp: 4104371

Ion Ratio Lower Upper

178 100

176 22.5 17.2 25.8

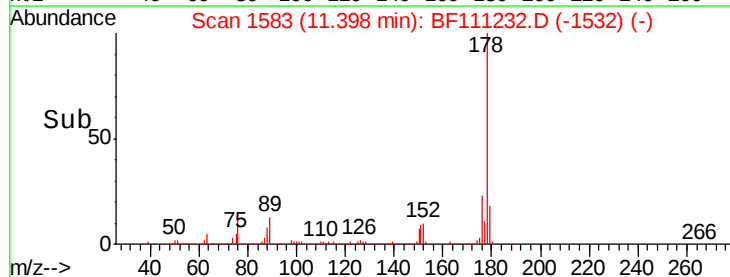
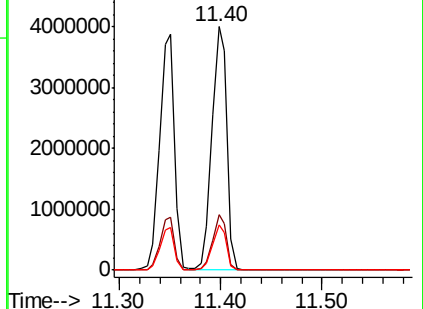
179 18.3 13.8 20.8

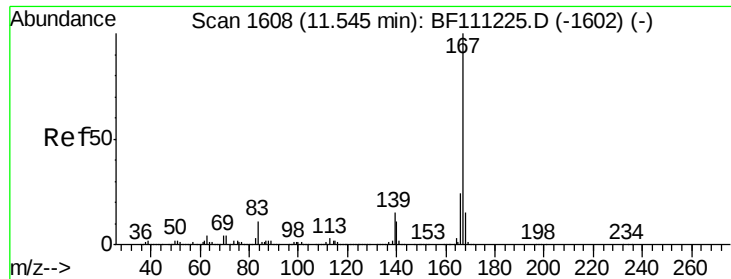


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

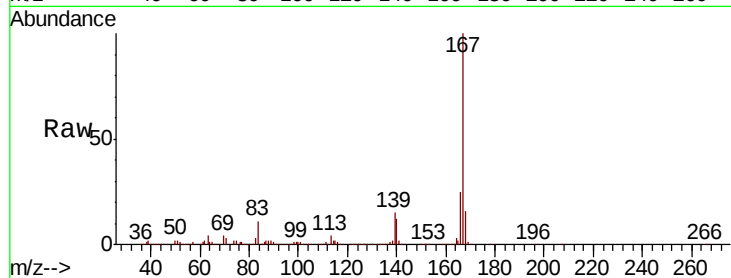




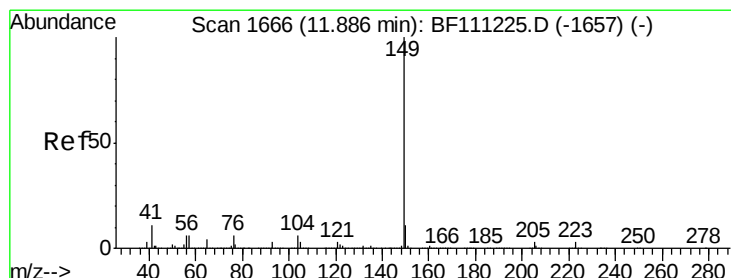
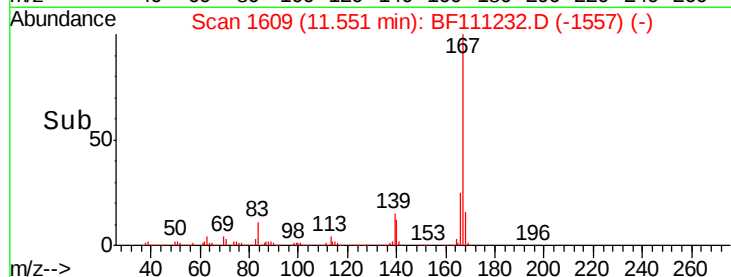
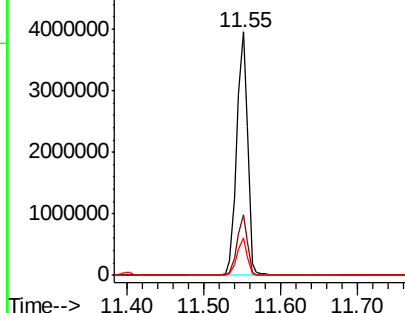
#73
 Carbazole
 Concen: 38.548 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.01 min
 Lab File: BF111232.D
 Acq: 10 Dec 2018 10:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 3954799
 Ion Ratio Lower Upper
 167 100
 166 25.1 19.3 28.9
 139 15.4 11.9 17.9

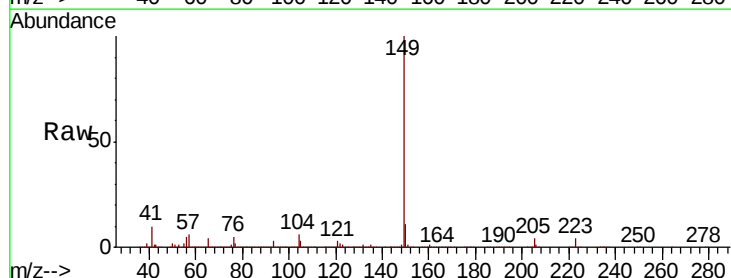


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

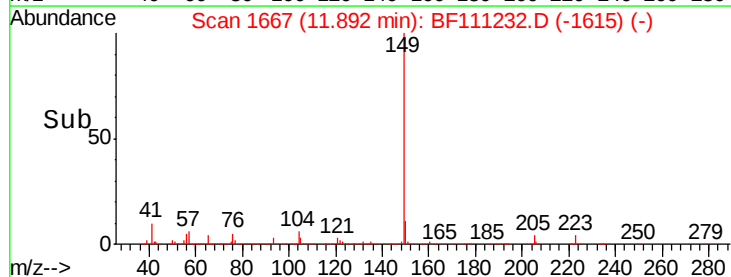
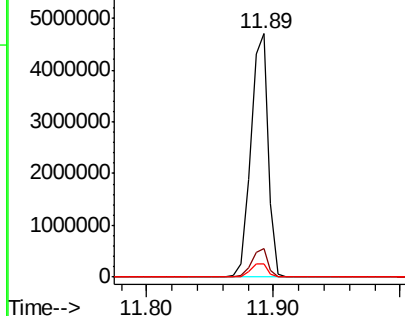


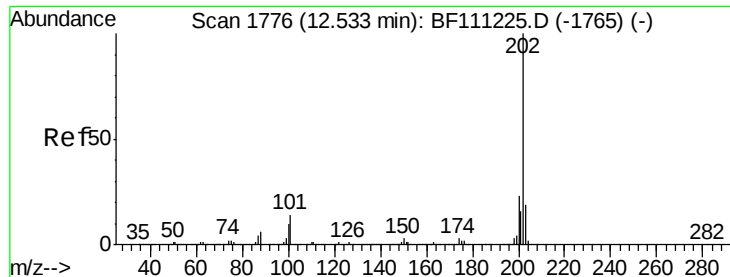
#74
 Di-n-butylphthalate
 Concen: 42.499 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.01 min
 Lab File: BF111232.D
 Acq: 10 Dec 2018 10:34

Tgt Ion:149 Resp: 4481558
 Ion Ratio Lower Upper
 149 100
 150 11.5 8.8 13.2
 104 5.7 4.5 6.7



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 45.772 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.00 min

Lab File: BF111232.D

Acq: 10 Dec 2018 10:34

Instrument :

BNA_F

ClientSampled :

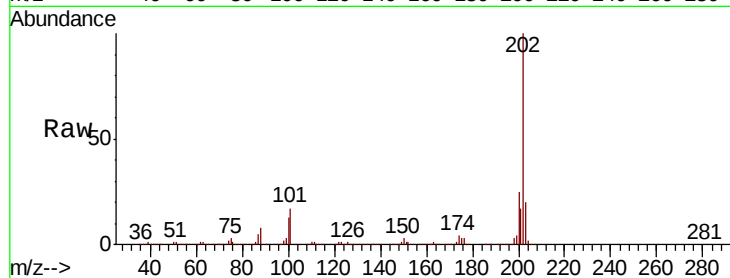
Tot Ion:202 Resp: 3921289

Ion Ratio Lower Upper

202 100

101 16.5 0.0 33.8

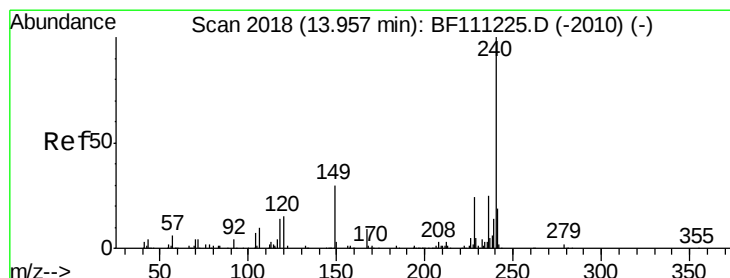
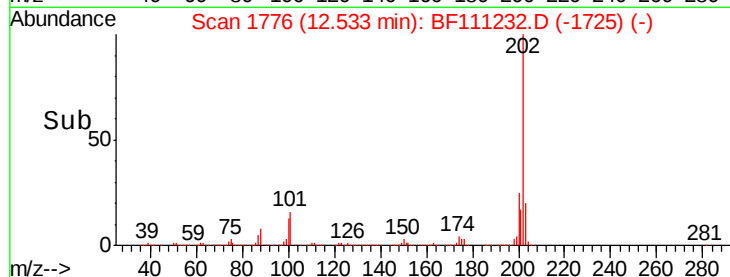
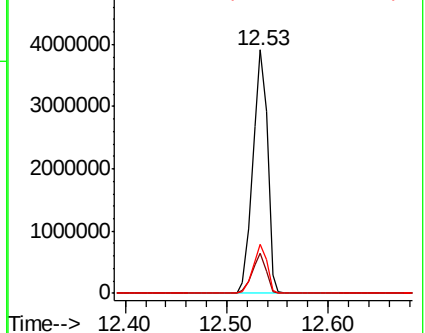
203 20.4 0.0 38.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BF111232.D

Acq: 10 Dec 2018 10:34

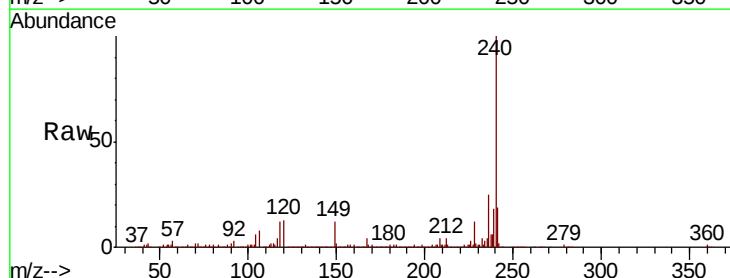
Tgt Ion:240 Resp: 1140601

Ion Ratio Lower Upper

240 100

120 12.7 12.2 18.2

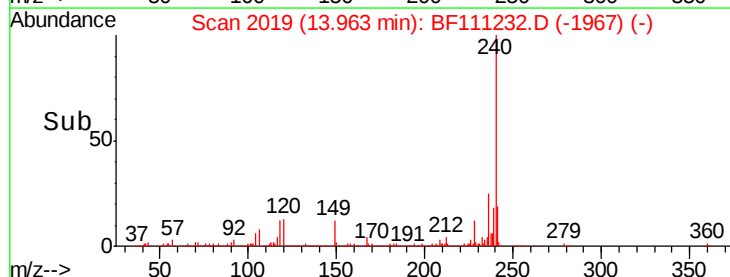
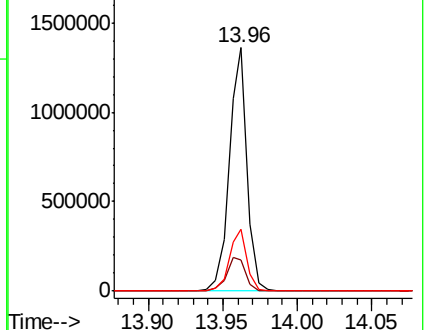
236 25.4 20.2 30.2

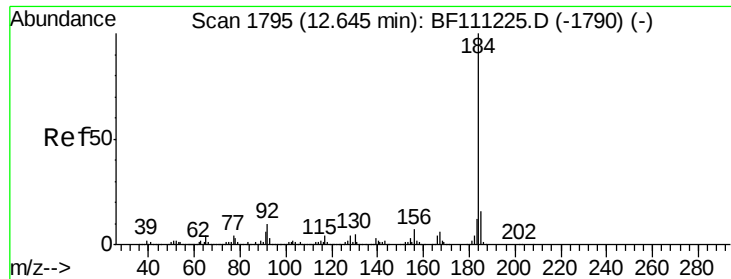


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 48.226 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.01 min

Lab File: BF111232.D

Acq: 10 Dec 2018 10:34

Instrument :

BNA_F

ClientSampleId :

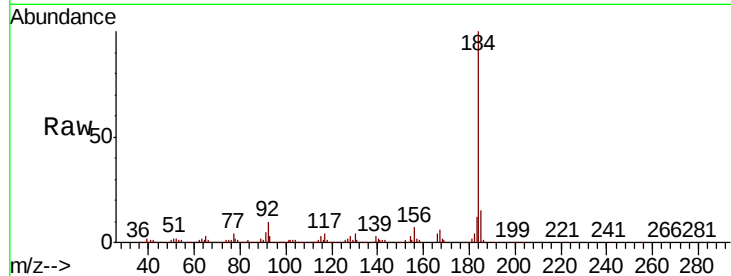
Tot Ion:184 Resp: 1633259

Ion Ratio Lower Upper

184 100

185 14.7 13.0 19.6

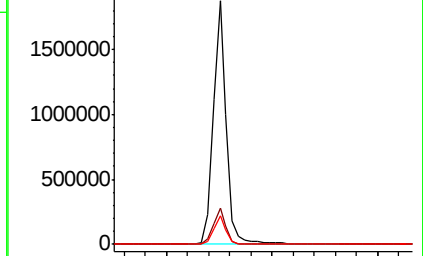
183 11.7 9.3 13.9



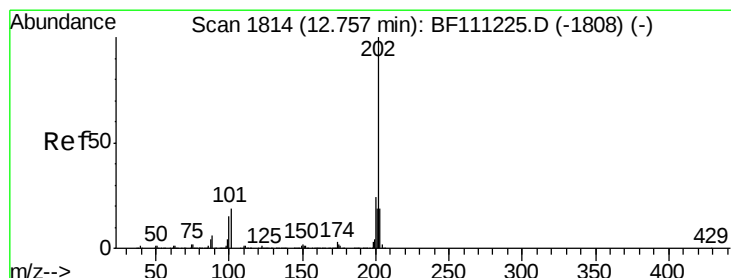
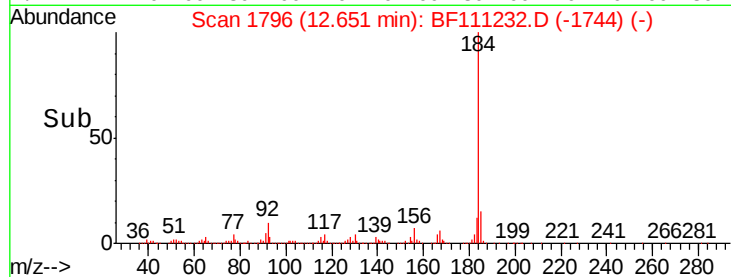
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 49.098 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BF111232.D

Acq: 10 Dec 2018 10:34

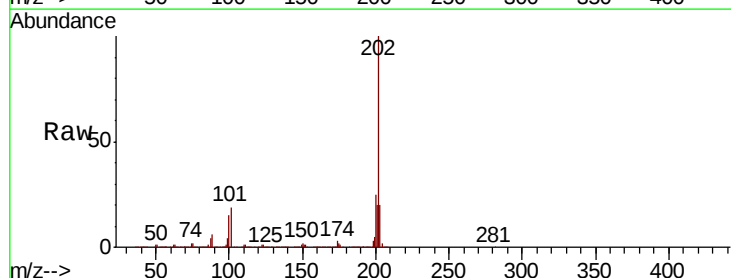
Tgt Ion:202 Resp: 4001862

Ion Ratio Lower Upper

202 100

200 25.0 19.0 28.4

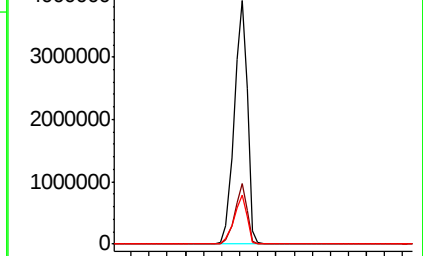
203 20.4 15.2 22.8



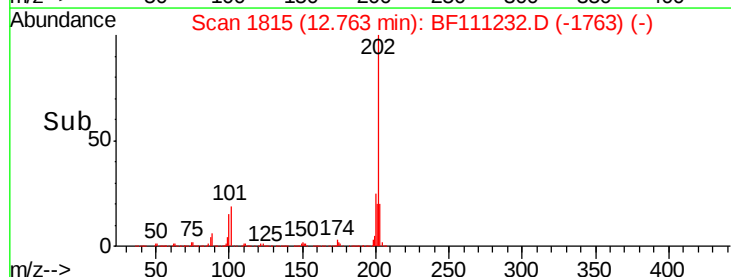
Abundance Ion 202.00 (201.70 to 202.70): E

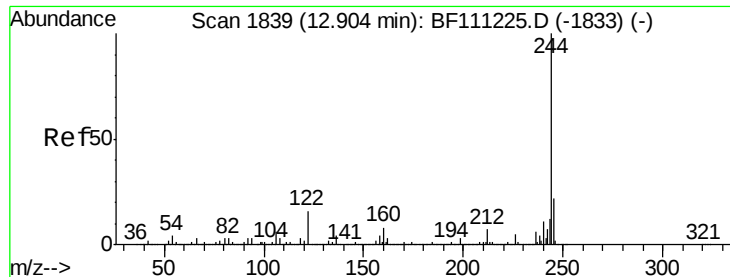
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->

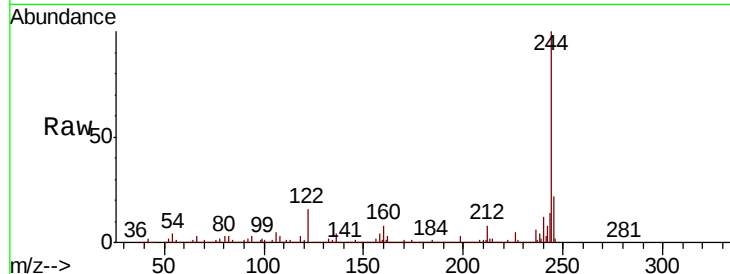




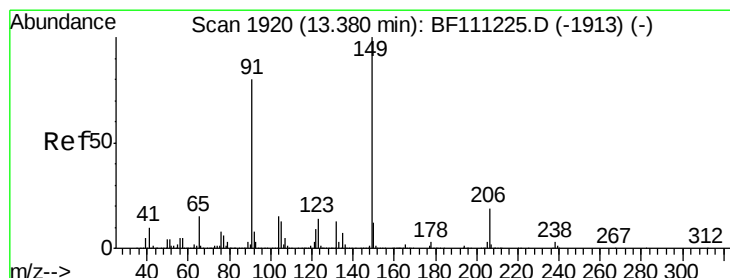
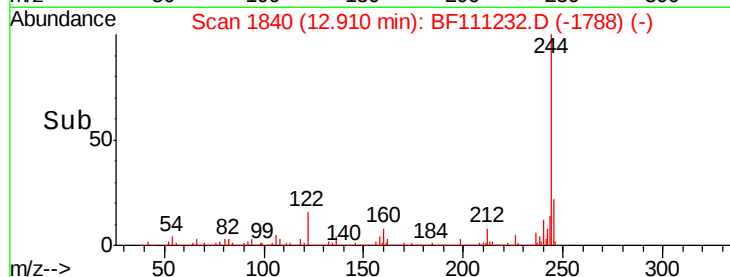
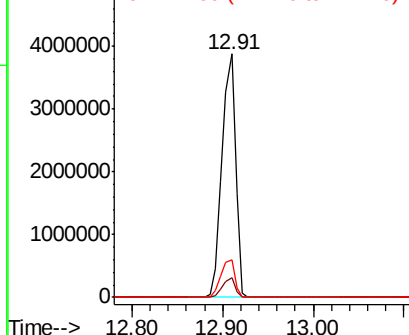
#79
 Terphenyl-d14
 Concen: 83.646 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF111232.D
 Acq: 10 Dec 2018 10:34

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 3977529
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.7 8.5
 122 15.6 13.1 19.7

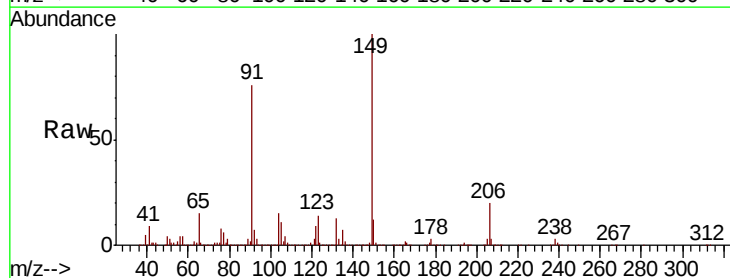


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

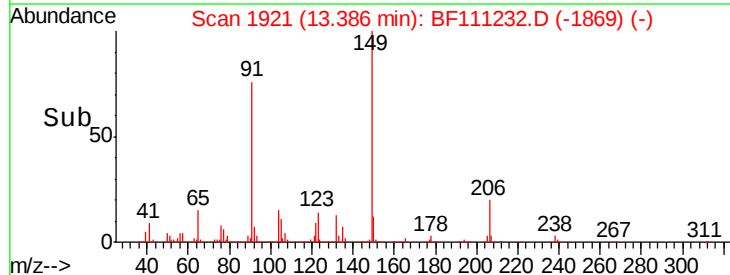
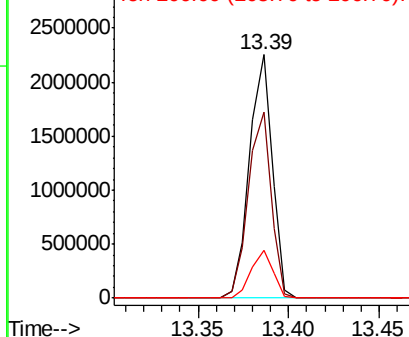


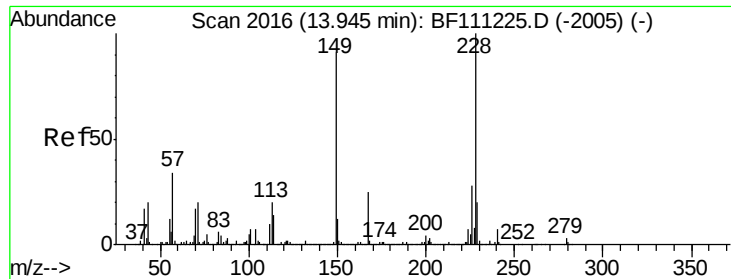
#80
 Butylbenzylphthalate
 Concen: 46.545 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: BF111232.D
 Acq: 10 Dec 2018 10:34

Tgt Ion:149 Resp: 1981581
 Ion Ratio Lower Upper
 149 100
 91 76.4 63.8 95.6
 206 19.5 15.1 22.7



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.490 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.01 min

Lab File: BF111232.D

Acq: 10 Dec 2018 10:34

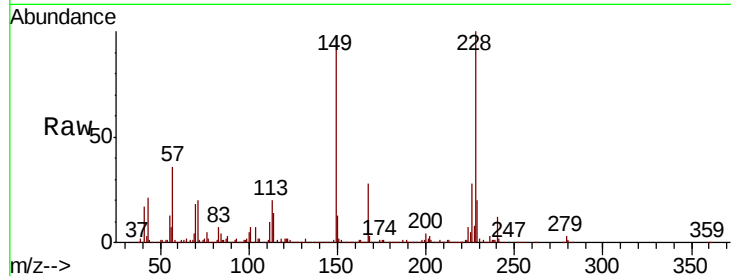
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 2958334

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	34.0
229	20.3	16.3	24.5

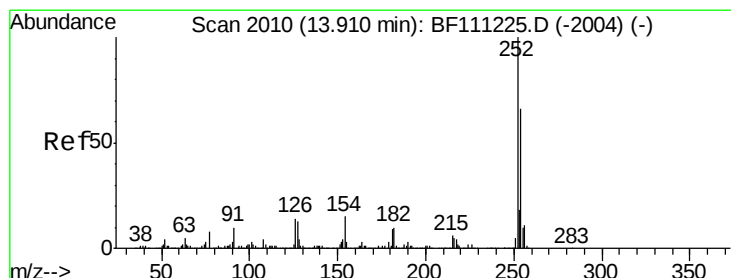
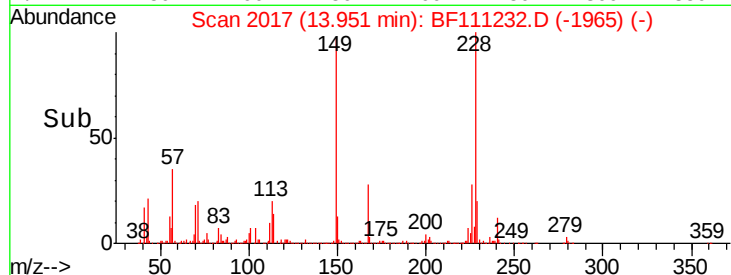
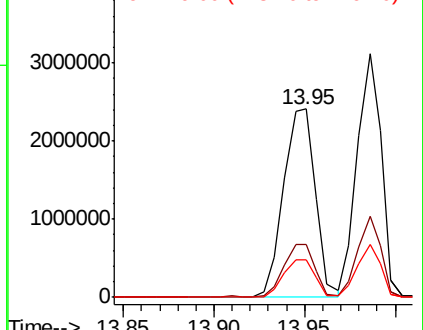


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 32.725 ng

RT: 13.91 min Scan# 2010

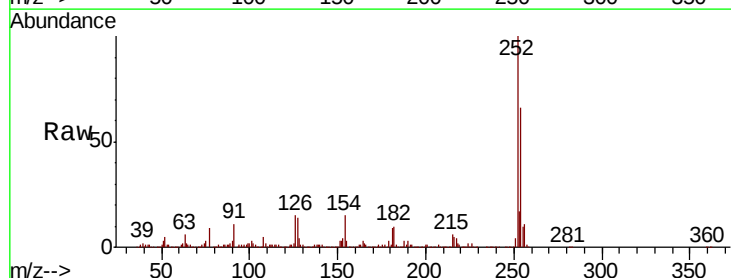
Delta R.T. -0.00 min

Lab File: BF111232.D

Acq: 10 Dec 2018 10:34

Tgt Ion:252 Resp: 853527

Ion	Ratio	Lower	Upper
252	100		
254	66.0	52.7	79.1
126	14.9	11.1	16.7

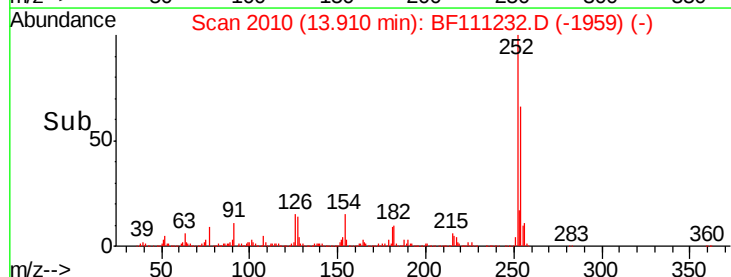
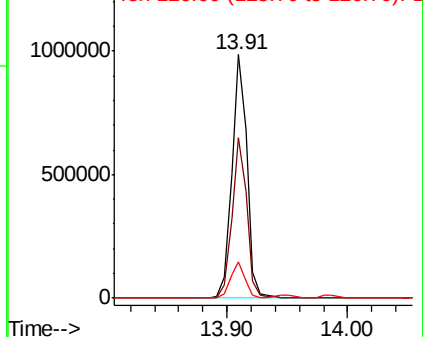


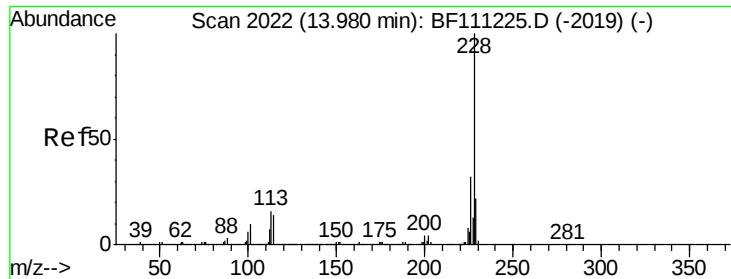
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

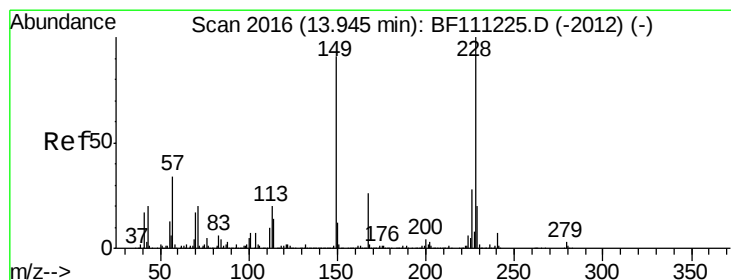
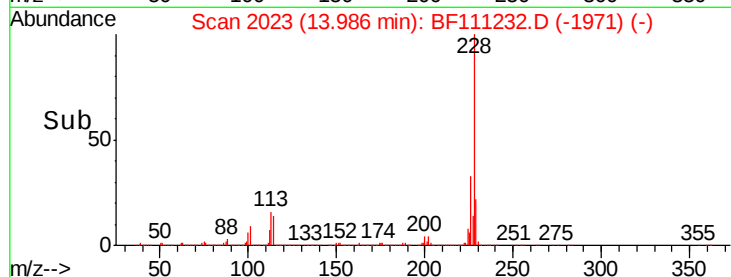
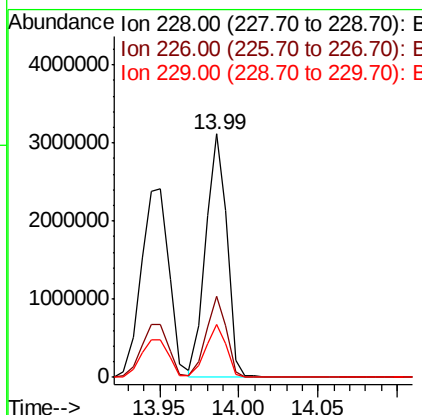
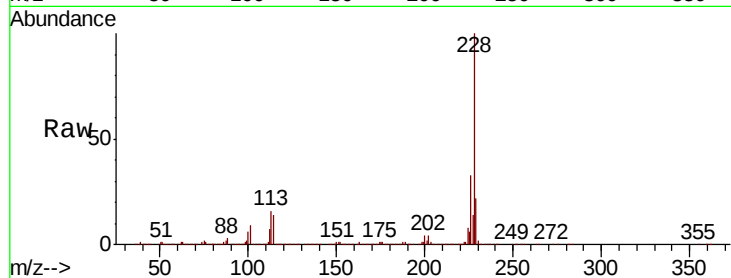




#83
 Chrvsene
 Concen: 44.353 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.01 min
 Lab File: BF111232.D
 Acq: 10 Dec 2018 10:34

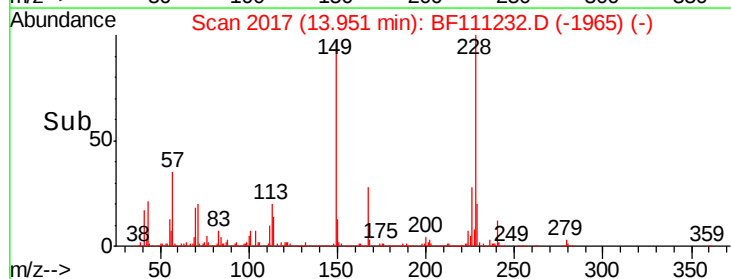
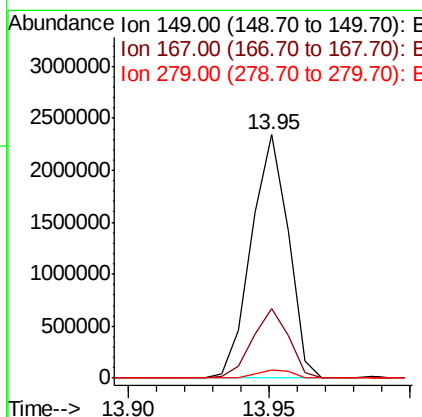
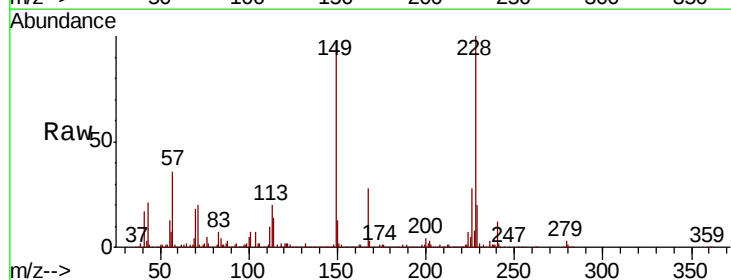
Instrument :
 BNA_F
 ClientSampleId :

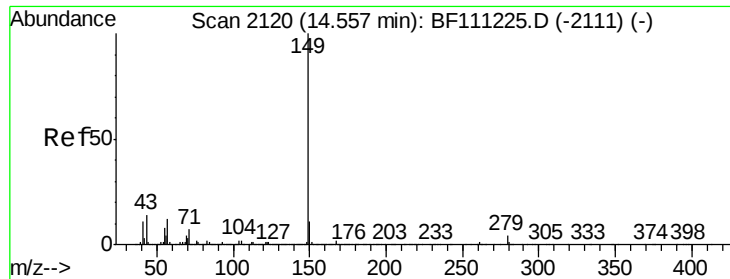
Tot Ion:228 Resp: 2909605
 Ion Ratio Lower Upper
 228 100
 226 33.1 25.3 37.9
 229 21.6 17.2 25.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.031 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. 0.01 min
 Lab File: BF111232.D
 Acq: 10 Dec 2018 10:34

Tgt Ion:149 Resp: 2126294
 Ion Ratio Lower Upper
 149 100
 167 28.7 22.5 33.7
 279 3.5 2.6 4.0





#85

Di-n-octyl phthalate

Concen: 42.181 ng

RT: 14.56 min Scan# 2121

Delta R.T. 0.01 min

Lab File: BF111232.D

Acq: 10 Dec 2018 10:34

Instrument :

BNA_F

ClientSampleId :

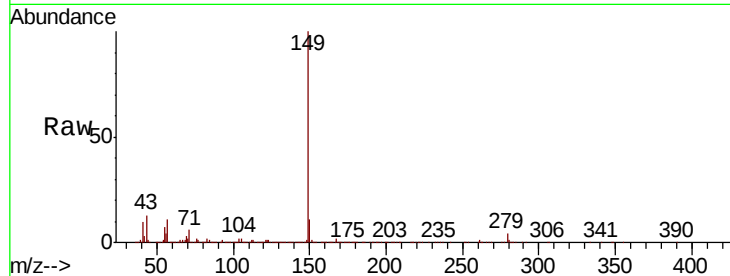
Tot Ion:149 Resp: 3576626

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

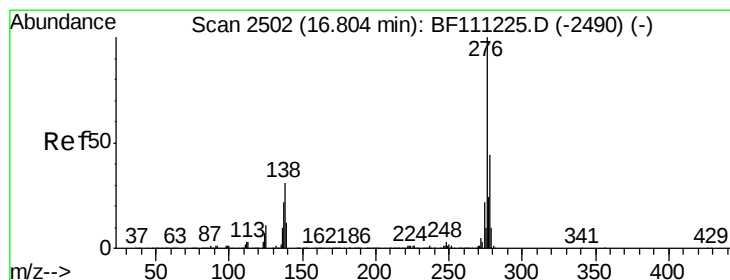
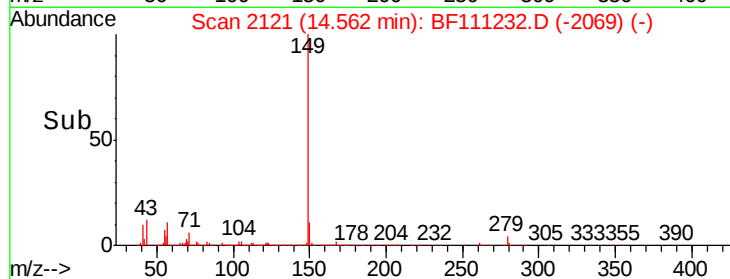
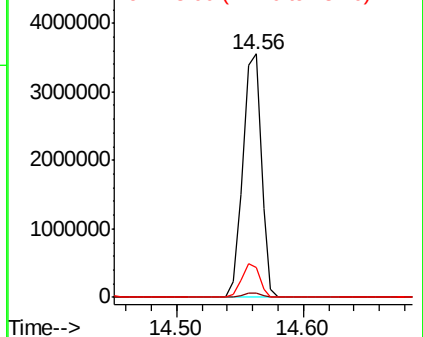
43 13.3 10.9 16.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 47.740 ng

RT: 16.81 min Scan# 2503

Delta R.T. 0.01 min

Lab File: BF111232.D

Acq: 10 Dec 2018 10:34

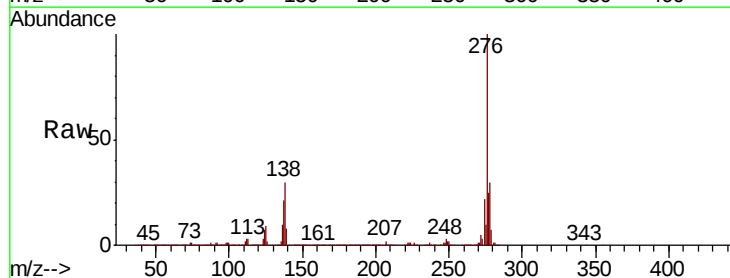
Tgt Ion:276 Resp: 2528052

Ion Ratio Lower Upper

276 100

138 34.6 27.8 41.6

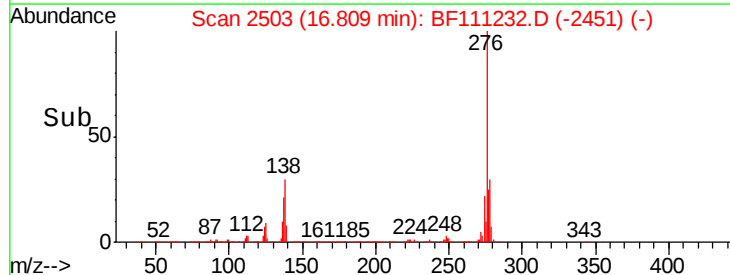
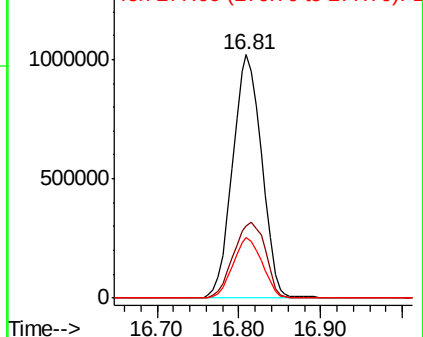
277 25.0 20.1 30.1

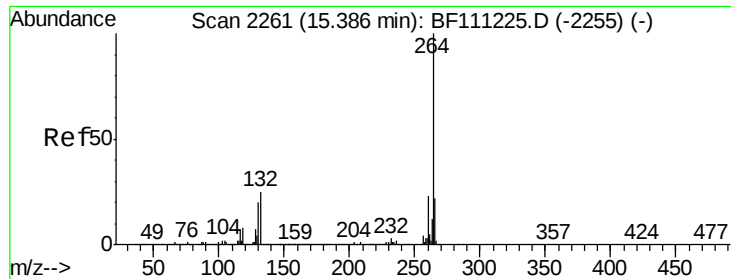


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2262

Delta R.T. 0.01 min

Lab File: BF111232.D

Acq: 10 Dec 2018 10:34

Instrument :

BNA_F

ClientSampled :

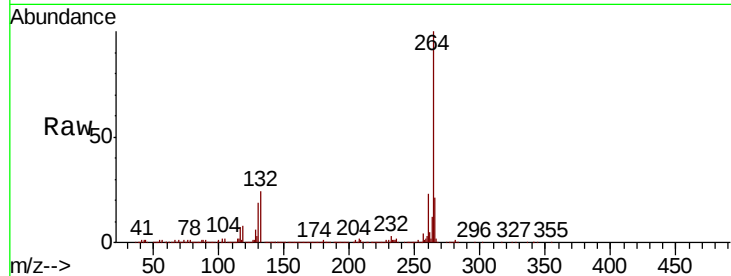
Tot Ion:264 Resp: 880092

Ion Ratio Lower Upper

264 100

260 23.4 18.3 27.5

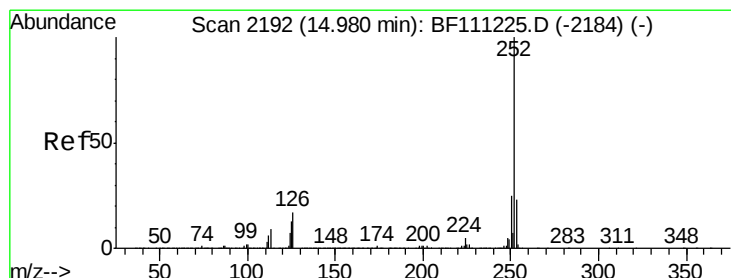
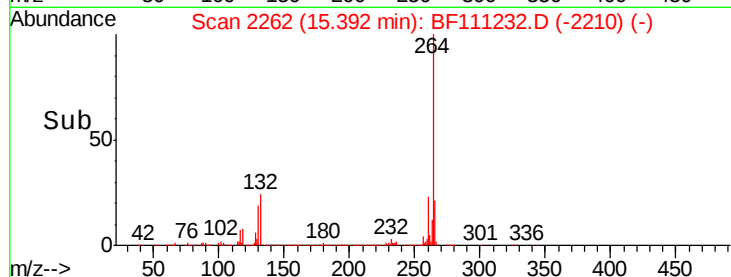
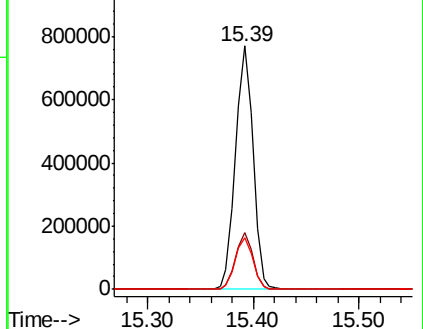
265 21.4 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 54.033 ng

RT: 14.98 min Scan# 2192

Delta R.T. -0.00 min

Lab File: BF111232.D

Acq: 10 Dec 2018 10:34

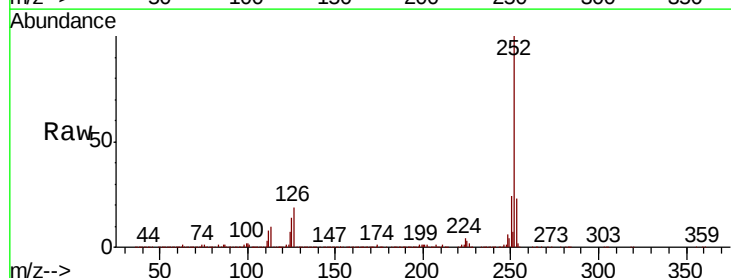
Tgt Ion:252 Resp: 2629816

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.2

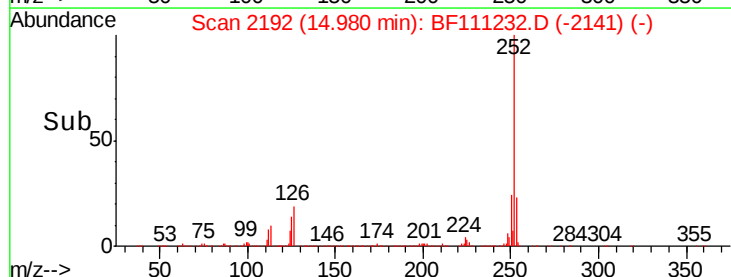
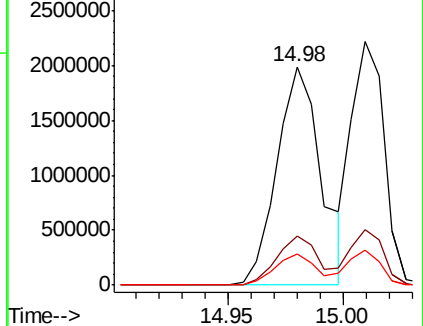
125 14.4 10.4 15.6

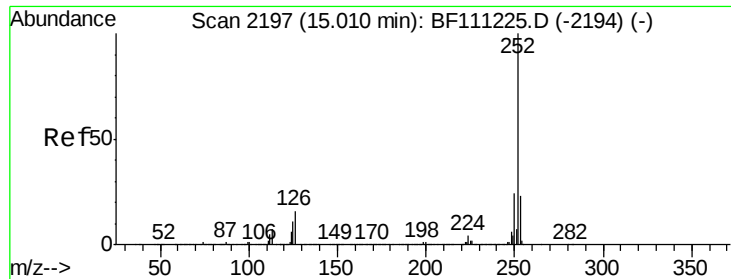


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

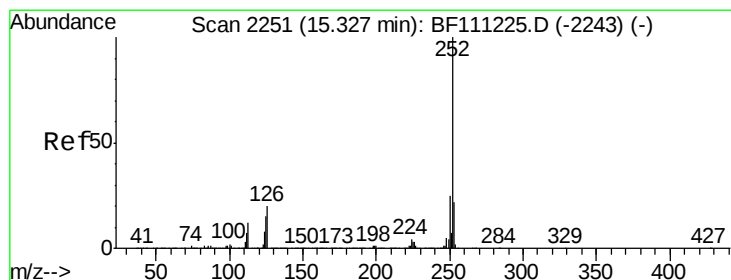
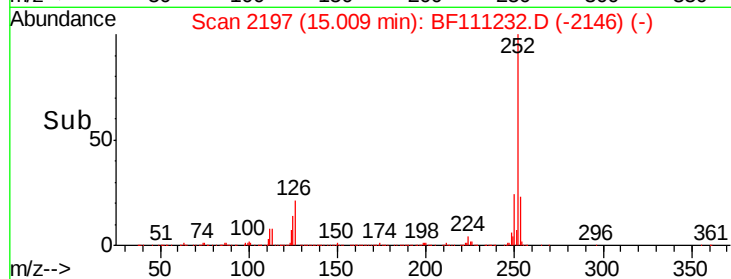
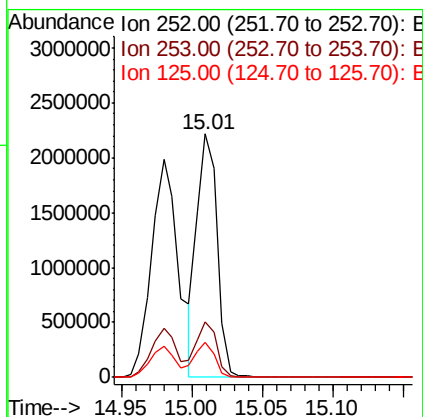
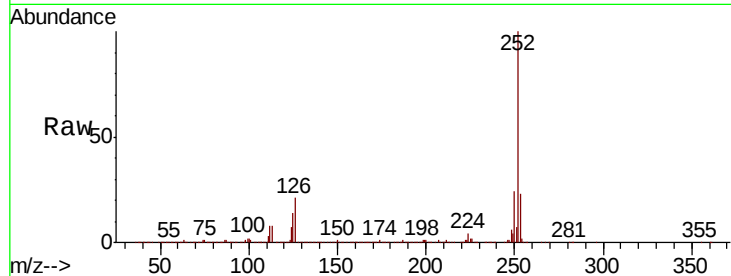




#89
Benzo(k)fluoranthene
Concen: 48.124 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

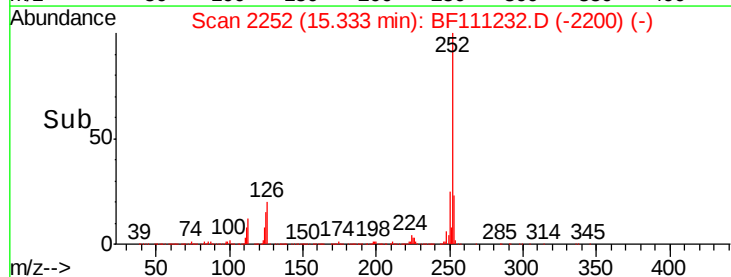
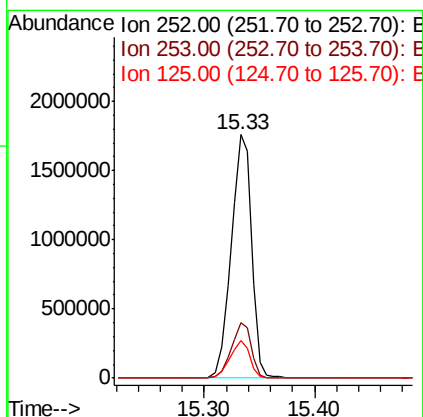
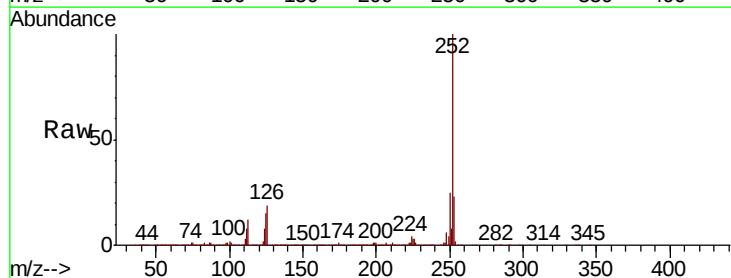
Instrument :
BNA_F
ClientSampleId :

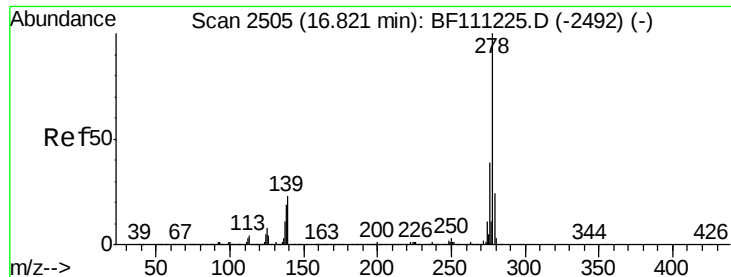
Tot Ion:252 Resp: 2202141
Ion Ratio Lower Upper
252 100
253 22.7 18.1 27.1
125 14.3 9.8 14.8



#90
Benzo(a)pyrene
Concen: 51.026 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Tgt Ion:252 Resp: 2286962
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 15.3 12.3 18.5





#91

Dibenzo(a,h)anthracene

Concen: 59.006 ng

RT: 16.83 min Scan# 2507

Delta R.T. 0.01 min

Lab File: BF111232.D

Acq: 10 Dec 2018 10:34

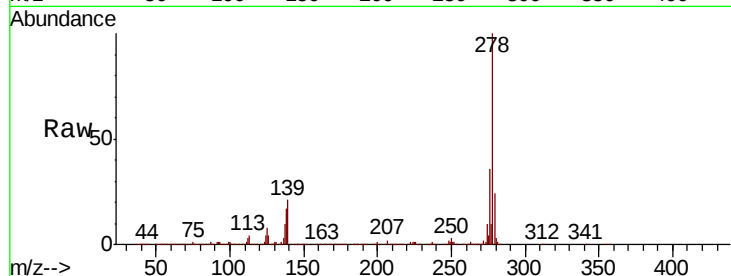
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 2077210

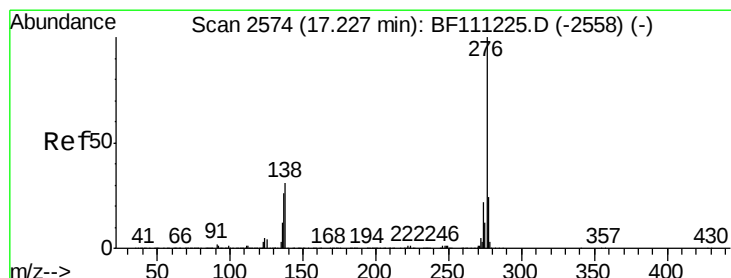
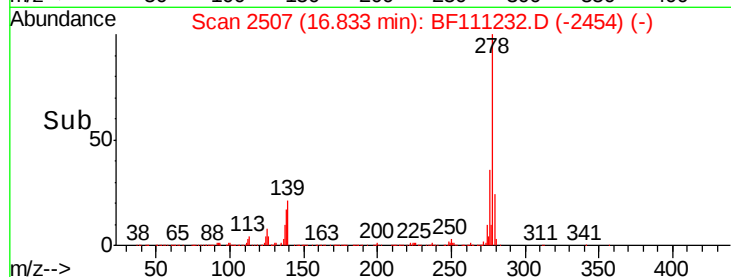
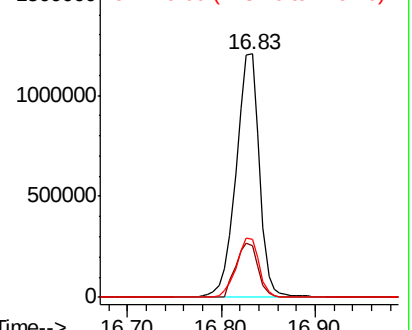
Ion	Ratio	Lower	Upper
278	100		
139	21.0	18.2	27.4
279	23.9	19.0	28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 62.121 ng

RT: 17.24 min Scan# 2576

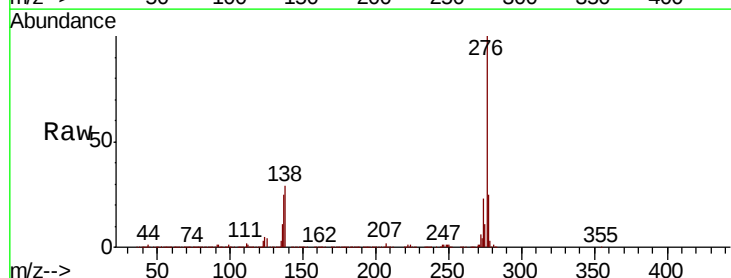
Delta R.T. 0.01 min

Lab File: BF111232.D

Acq: 10 Dec 2018 10:34

Tgt Ion:276 Resp: 2189142

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.2	28.8
138	29.4	24.9	37.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

