

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
 Data File : BF111141.D
 Acq On : 6 Dec 2018 16:38
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 06 17:14:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 06 13:41:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	572422	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	2369860	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	1131447	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	1916520	20.00	ng	0.00
76) Chrysene-d12	13.96	240	1288284	20.00	ng	0.00
87) Perylene-d12	15.40	264	1081763	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	2683084	73.14	ng	0.00
7) Phenol-d6	6.44	99	3464685	73.32	ng	0.00
23) Nitrobenzene-d5	7.37	82	3219178	80.42	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	731459	81.33	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	4898353	79.15	ng	0.00
79) Terphenyl-d14	12.92	244	4313936	68.58	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	770107	36.498	ng	99
3) Pyridine	3.28	79	1700684	36.342	ng	97
4) n-Nitrosodimethylamine	3.21	42	848540	36.827	ng	95
6) Aniline	6.47	93	2346155	37.162	ng	99
8) 2-Chlorophenol	6.59	128	1595610	37.738	ng	97
9) Benzaldehyde	6.35	77	977134	37.881	ng	97
10) Phenol	6.45	94	2023592	39.275	ng	95
11) bis(2-Chloroethyl)ether	6.55	93	1567034	37.212	ng	96
12) 1,3-Dichlorobenzene	6.75	146	1692642	37.642	ng	96
13) 1,4-Dichlorobenzene	6.83	146	1699231	37.550	ng	96
14) 1,2-Dichlorobenzene	6.98	146	1591221	37.801	ng	98
15) Benzyl Alcohol	6.95	79	1431093	38.223	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	3045767	37.181	ng	100
17) 2-Methylphenol	7.06	107	1315993	37.916	ng	98
18) Hexachloroethane	7.32	117	661015	38.939	ng	100
19) n-Nitroso-di-n-propylamine	7.23	70	1183810	37.278	ng	97
20) 3+4-Methylphenols	7.22	107	1569414	37.074	ng	95
22) Acetophenone	7.22	105	2100883	36.684	ng	# 96
24) Nitrobenzene	7.39	77	1693485	39.325	ng	99
25) Isophorone	7.63	82	2752819	37.472	ng	98
26) 2-Nitrophenol	7.70	139	820811	45.109	ng	96
27) 2,4-Dimethylphenol	7.75	122	1282757	37.432	ng	100
28) bis(2-Chloroethoxy)methane	7.84	93	1861352	37.428	ng	99
29) 2,4-Dichlorophenol	7.95	162	1310128	38.834	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	1321550	38.810	ng	99
31) Naphthalene	8.12	128	3976645	38.541	ng	99
32) Benzoic acid	7.86	122	972152	43.019	ng	98
33) 4-Chloroaniline	8.16	127	1876300	37.619	ng	99
34) Hexachlorobutadiene	8.24	225	726053	39.235	ng	99
35) Caprolactam	8.53	113	470697	38.000	ng	98
36) 4-Chloro-3-methylphenol	8.64	107	1400923	37.911	ng	98
37) 2-Methylnaphthalene	8.80	142	2668684	37.496	ng	99
38) 1-Methylnaphthalene	8.90	142	2577568	37.669	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	1146953	38.035	ng	99

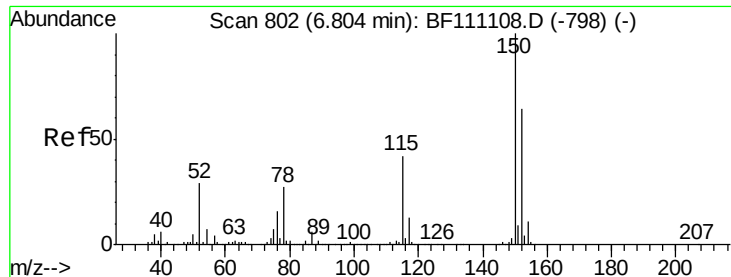
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
 Data File : BF111141.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 06 13:41:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	630213	39.634	ng	97
43) 2,4,6-Trichlorophenol	9.08	196	840360	38.156	ng	100
44) 2,4,5-Trichlorophenol	9.12	196	882325	39.520	ng	99
46) 1,1'-Biphenyl	9.27	154	3382087	36.515	ng	98
47) 2-Chloronaphthalene	9.29	162	2671911	37.123	ng	100
48) 2-Nitroaniline	9.38	65	941664	40.372	ng	97
49) Acenaphthylene	9.71	152	3817071	37.941	ng	100
50) Dimethylphthalate	9.57	163	2939518	37.330	ng	100
51) 2,6-Dinitrotoluene	9.63	165	691427	41.415	ng	99
52) Acenaphthene	9.88	154	2480910	37.327	ng	98
53) 3-Nitroaniline	9.79	138	856907	40.862	ng	97
54) 2,4-Dinitrophenol	9.89	184	229086	46.336	ng	# 82
55) Dibenzofuran	10.05	168	3497788	38.208	ng	100
56) 4-Nitrophenol	9.95	139	642878	40.681	ng	91
57) 2,4-Dinitrotoluene	10.03	165	906948	42.063	ng	97
58) Fluorene	10.39	166	2463727	38.165	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	673112	40.395	ng	94
60) Diethylphthalate	10.27	149	2945426	37.429	ng	98
61) 4-Chlorophenyl-phenylether	10.39	204	1255538	39.465	ng	98
62) 4-Nitroaniline	10.40	138	791653	41.827	ng	98
63) Azobenzene	10.55	77	3059350	36.516	ng	98
65) 4,6-Dinitro-2-methylphenol	10.43	198	377786	47.713	ng	96
66) n-Nitrosodiphenylamine	10.50	169	2486429	37.051	ng	99
67) 4-Bromophenyl-phenylether	10.87	248	785154	38.701	ng	97
68) Hexachlorobenzene	10.95	284	800524	38.590	ng	98
69) Atrazine	11.03	200	642564	36.383	ng	98
70) Pentachlorophenol	11.13	266	556157	40.768	ng	97
71) Phenanthrene	11.35	178	3514348	38.122	ng	99
72) Anthracene	11.40	178	3524270	37.926	ng	100
73) Carbazole	11.56	167	3638071	37.625	ng	99
74) Di-n-butylphthalate	11.89	149	4148048	36.648	ng	99
75) Fluoranthene	12.54	202	3454612	38.296	ng	97
77) Benzdine	12.65	184	1296015	30.382	ng	99
78) Pyrene	12.77	202	3576636	35.636	ng	99
80) Butylbenzylphthalate	13.39	149	1859197	38.345	ng	92
81) Benzo(a)anthracene	13.95	228	2740266	36.304	ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	1084925	38.087	ng	96
83) Chrysene	13.99	228	2758763	36.817	ng	100
84) Bis(2-ethylhexyl)phthalate	13.96	149	2257442	38.546	ng	97
85) Di-n-octyl phthalate	14.57	149	3750702	40.739	ng	100
86) Indeno(1,2,3-cd)pyrene	16.81	276	2140469	35.578	ng	# 87
88) Benzo(b)fluoranthene	14.99	252	2317291	37.804	ng	99
89) Benzo(k)fluoranthene	15.02	252	2308521	38.957	ng	100
90) Benzo(a)pyrene	15.34	252	2122451	37.749	ng	98
91) Dibenzo(a,h)anthracene	16.83	278	1789653	37.930	ng	100
92) Benzo(g,h,i)perylene	17.24	276	1782277	37.590	ng	97

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

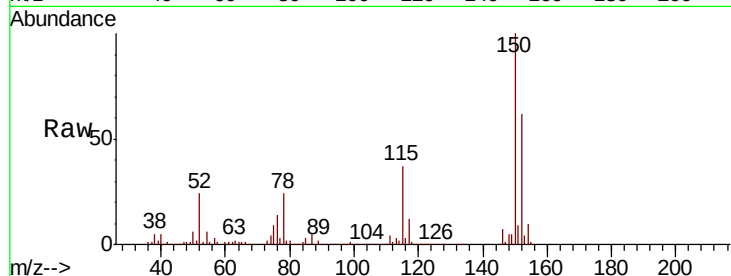


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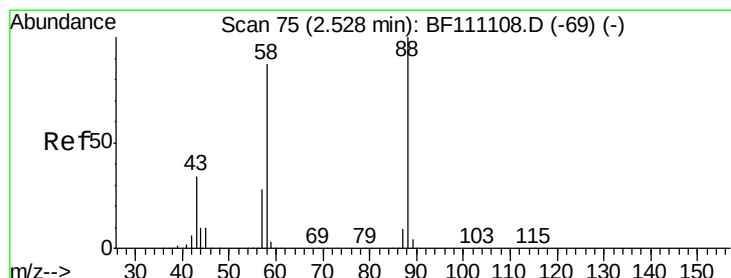
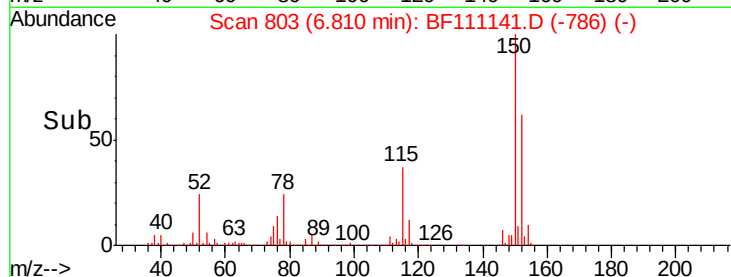
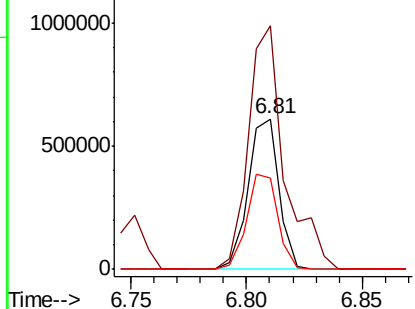
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 572422
Ion Ratio Lower Upper
152 100
150 161.6 124.6 187.0
115 60.6 52.2 78.2



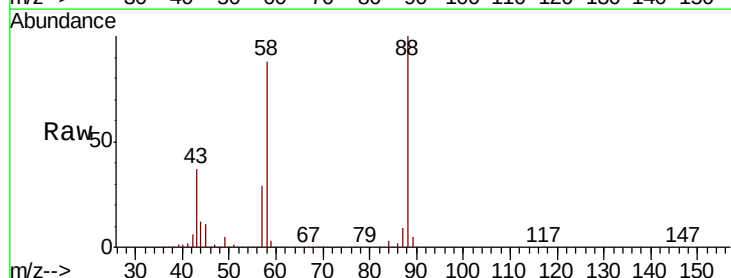
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



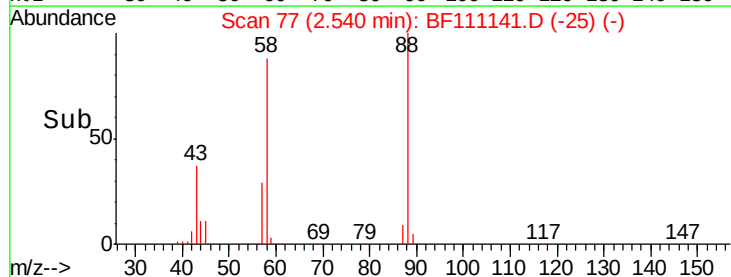
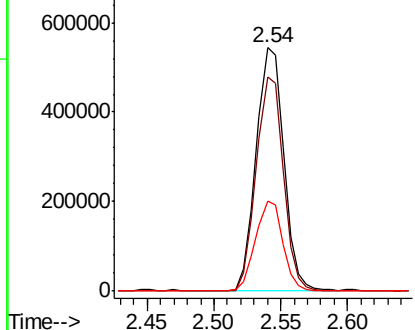
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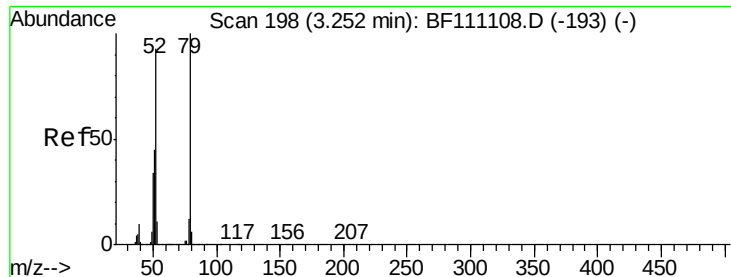
1,4-Dioxane
Concen: 36.498 ng
RT: 2.54 min Scan# 77
Delta R.T. 0.01 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

Tgt Ion: 88 Resp: 770107
Ion Ratio Lower Upper
88 100
58 87.4 70.8 106.2
43 36.7 28.3 42.5



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

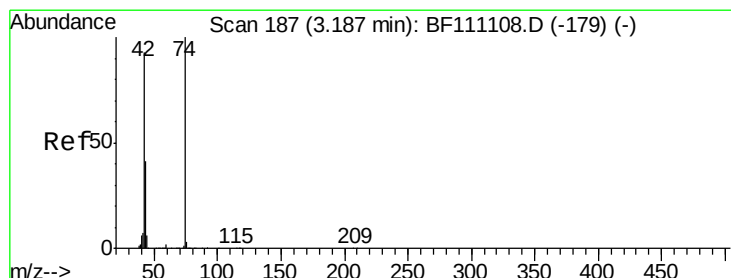
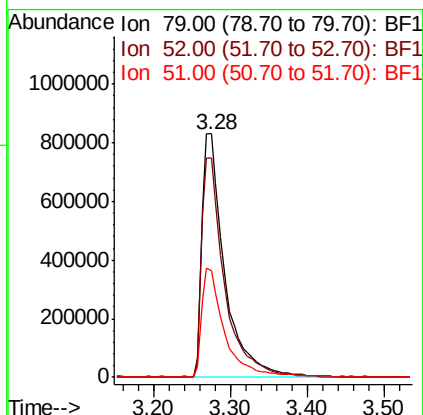
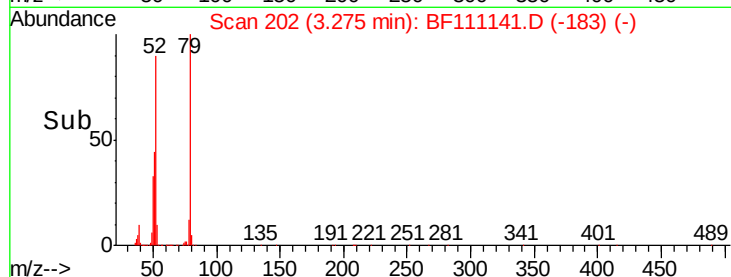
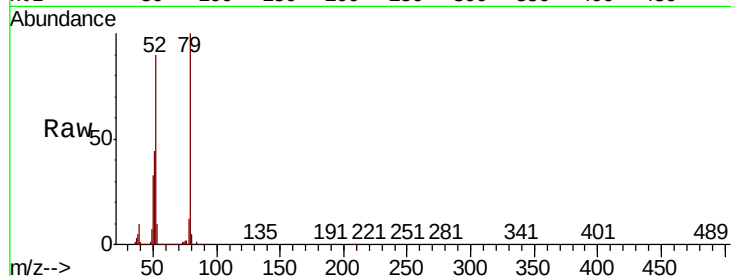




#3
 Pvridine
 Concen: 36.342 ng
 RT: 3.28 min Scan# 202
 Delta R.T. 0.01 min
 Lab File: BF111141.D
 Acq: 6 Dec 2018 16:38

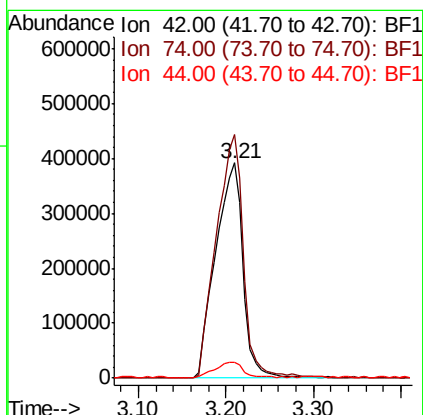
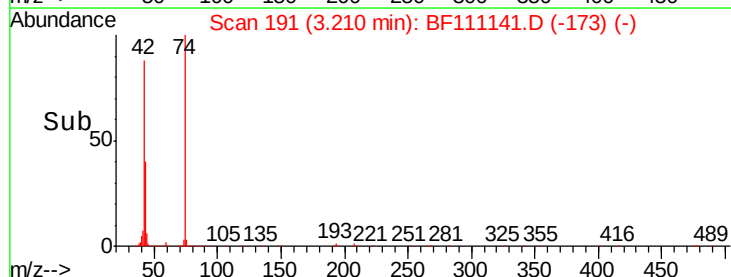
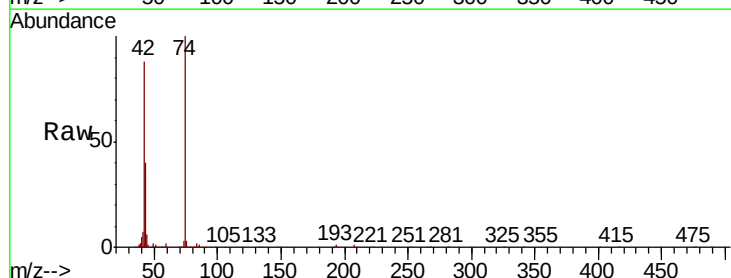
Instrument :
 BNA_F
 ClientSampleId :

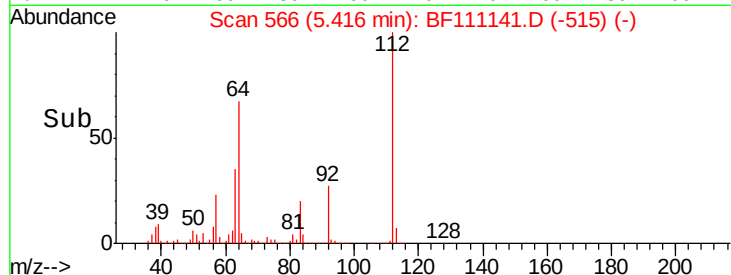
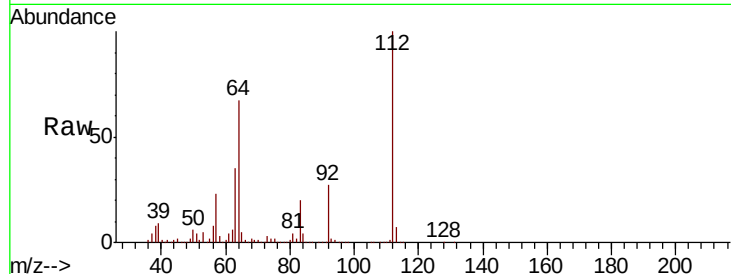
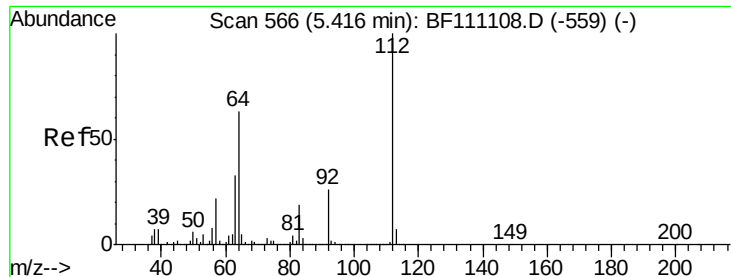
Tot Ion: 79 Resp: 1700684
 Ion Ratio Lower Upper
 79 100
 52 90.2 74.7 112.1
 51 44.0 35.9 53.9



#4
 n-Nitrosodimethylamine
 Concen: 36.827 ng
 RT: 3.21 min Scan# 191
 Delta R.T. 0.01 min
 Lab File: BF111141.D
 Acq: 6 Dec 2018 16:38

Tgt Ion: 42 Resp: 848540
 Ion Ratio Lower Upper
 42 100
 74 113.3 86.2 129.2
 44 7.3 5.7 8.5





#5

2-Fluorophenol

Concen: 73.142 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF111141.D

Acq: 6 Dec 2018 16:38

Instrument :

BNA_F

ClientSampleId :

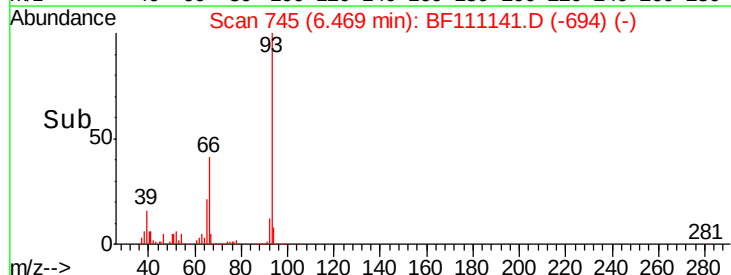
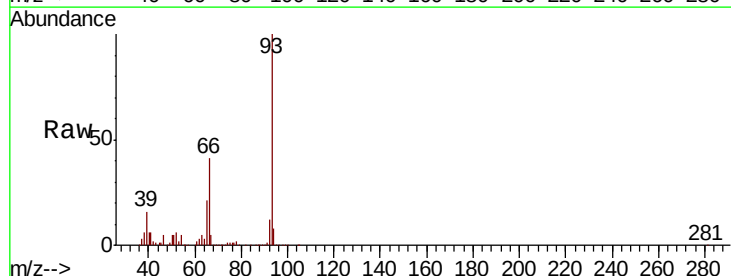
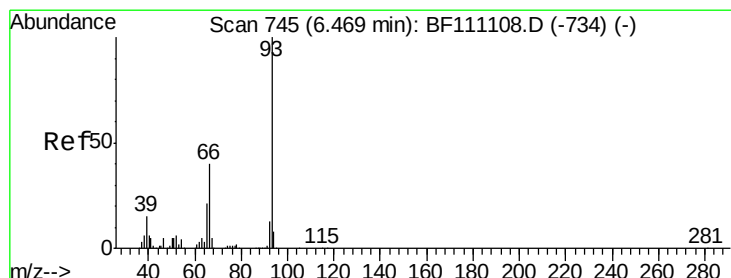
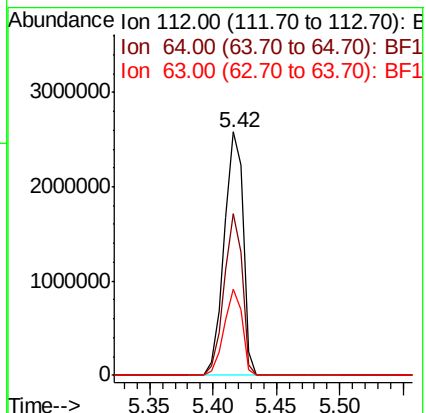
Tot Ion:112 Resp: 2683084

Ion Ratio Lower Upper

112 100

64 66.5 50.2 75.4

63 35.4 26.6 39.8



#6

Aniline

Concen: 37.162 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF111141.D

Acq: 6 Dec 2018 16:38

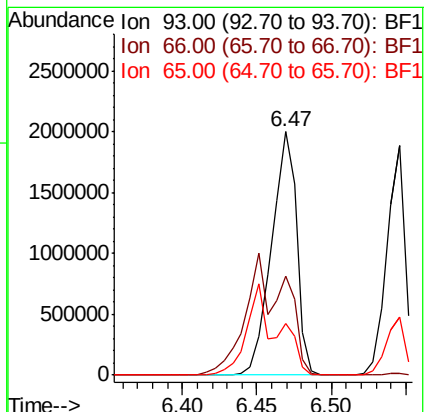
Tgt Ion: 93 Resp: 2346155

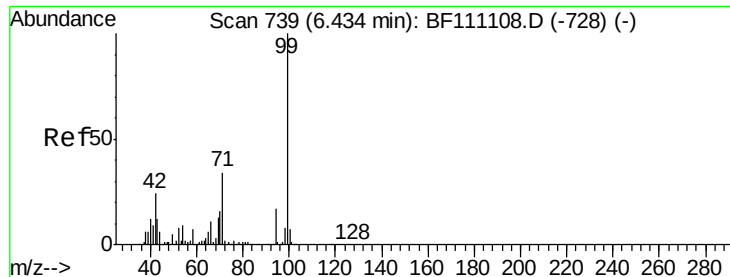
Ion Ratio Lower Upper

93 100

66 40.6 31.8 47.8

65 21.4 16.6 24.8





#7

Phenol-d6

Concen: 73.320 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF111141.D

Acq: 6 Dec 2018 16:38

Instrument :

BNA_F

ClientSampleId :

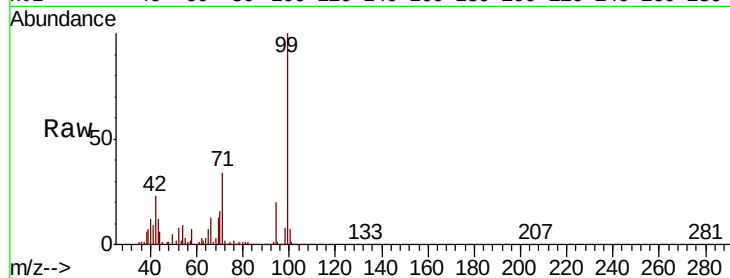
Tot Ion: 99 Resp: 3464685

Ion Ratio Lower Upper

99 100

42 23.3 19.3 28.9

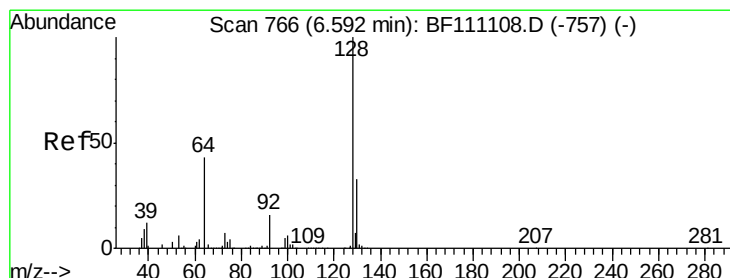
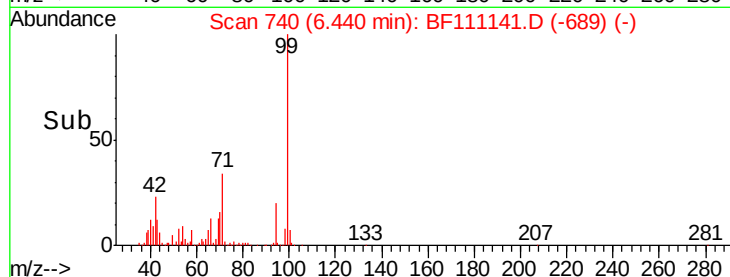
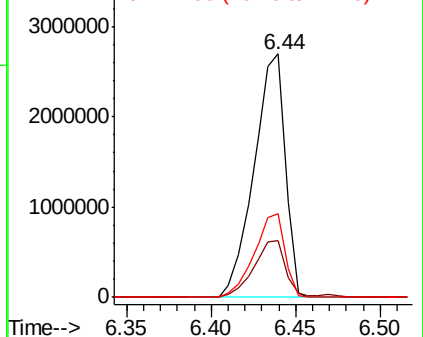
71 34.3 27.4 41.2



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: 37.738 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF111141.D

Acq: 6 Dec 2018 16:38

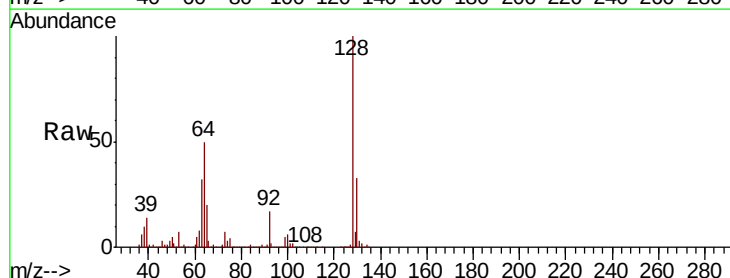
Tgt Ion:128 Resp: 1595610

Ion Ratio Lower Upper

128 100

130 32.6 12.8 52.8

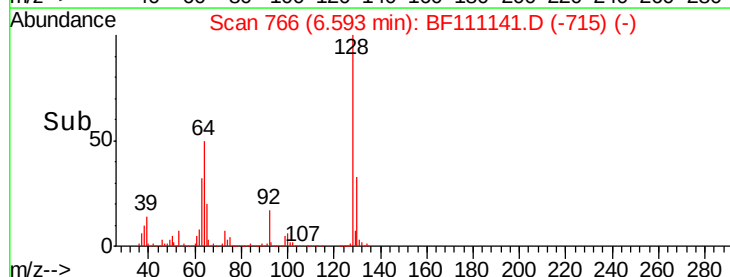
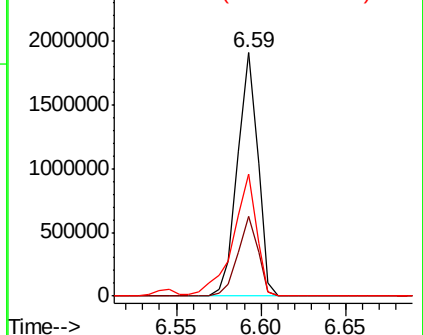
64 49.9 26.6 66.6

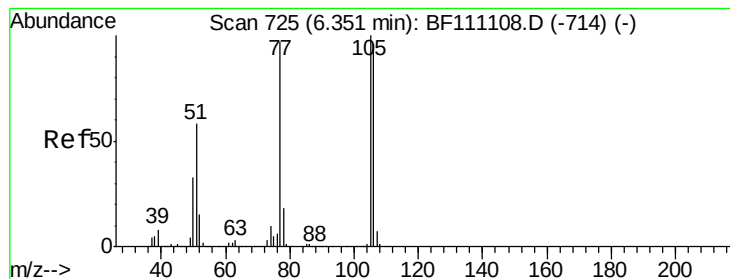


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 37.881 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF111141.D

Acq: 6 Dec 2018 16:38

Instrument :

BNA_F

ClientSampled :

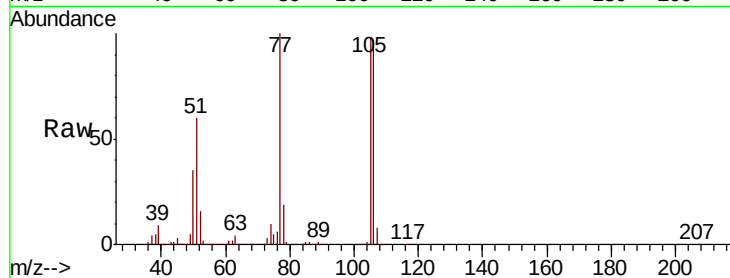
Tot Ion: 77 Resp: 977134

Ion Ratio Lower Upper

77 100

105 98.2 83.1 123.1

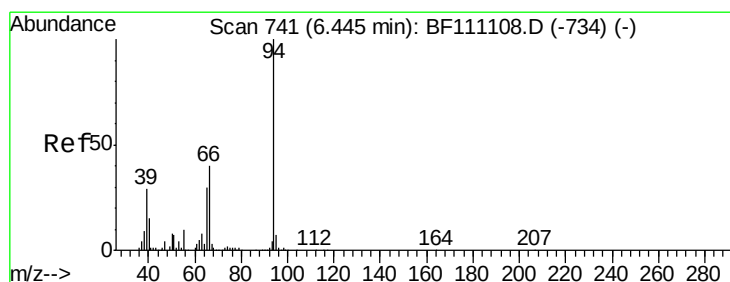
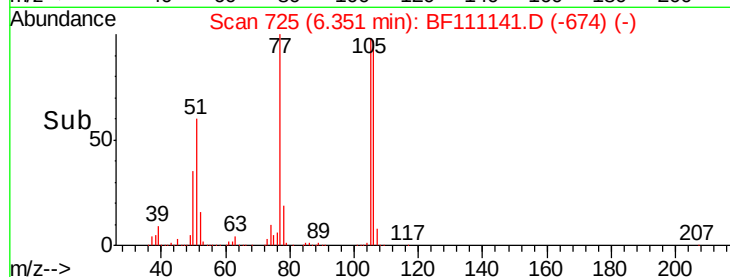
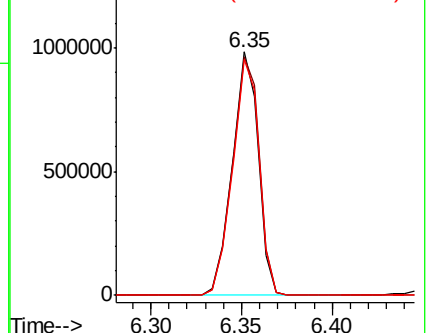
106 97.0 79.0 119.0



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: 39.275 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF111141.D

Acq: 6 Dec 2018 16:38

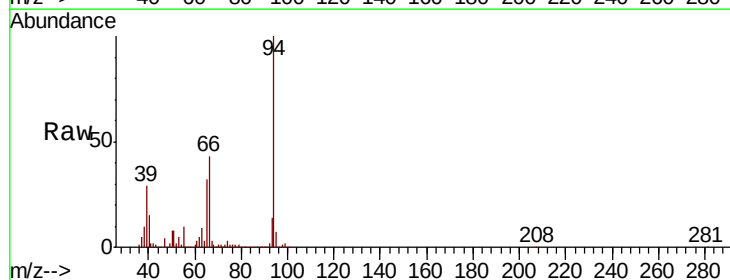
Tgt Ion: 94 Resp: 2023592

Ion Ratio Lower Upper

94 100

65 32.4 10.5 50.5

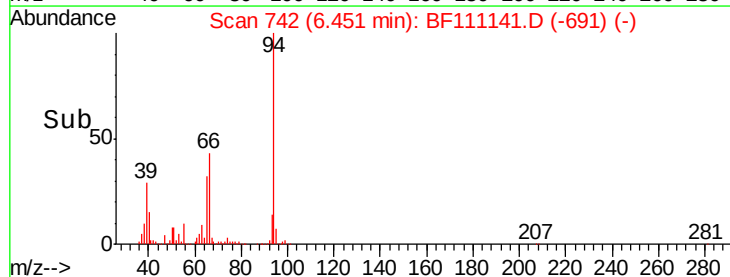
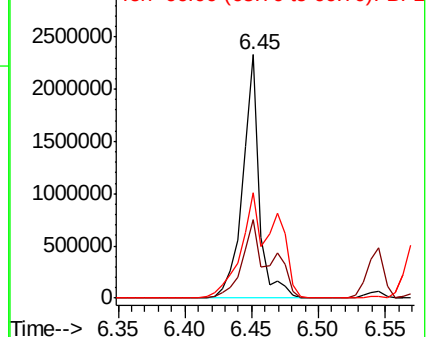
66 43.2 19.8 59.8

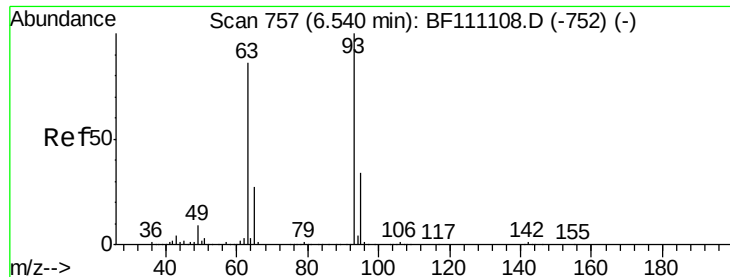


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 37.212 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF111141.D

Acq: 6 Dec 2018 16:38

Instrument :

BNA_F

ClientSampleId :

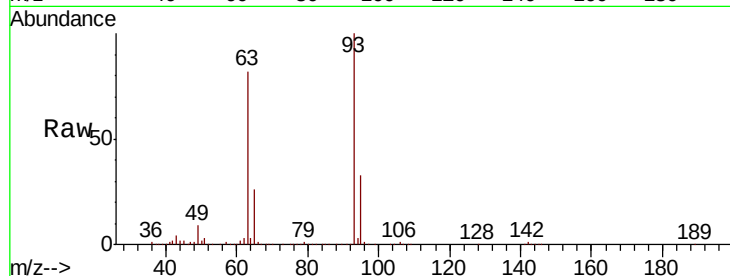
Tot Ion: 93 Resp: 1567034

Ion Ratio Lower Upper

93 100

63 82.0 66.0 106.0

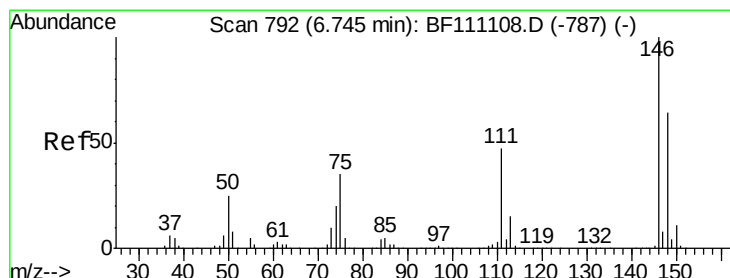
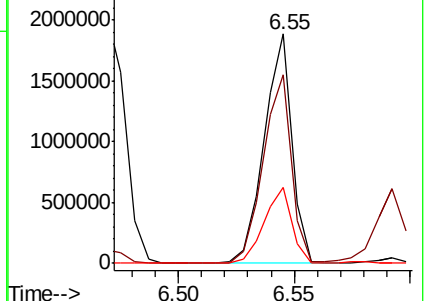
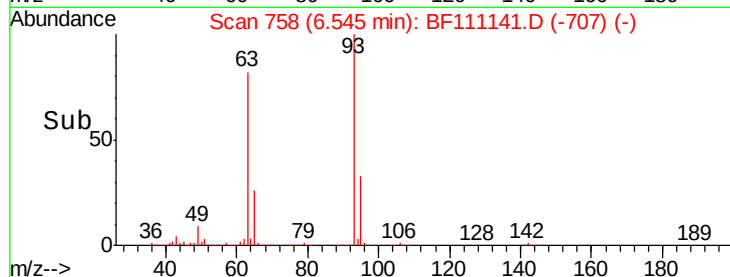
95 33.1 14.3 54.3



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 37.642 ng

RT: 6.75 min Scan# 793

Delta R.T. 0.00 min

Lab File: BF111141.D

Acq: 6 Dec 2018 16:38

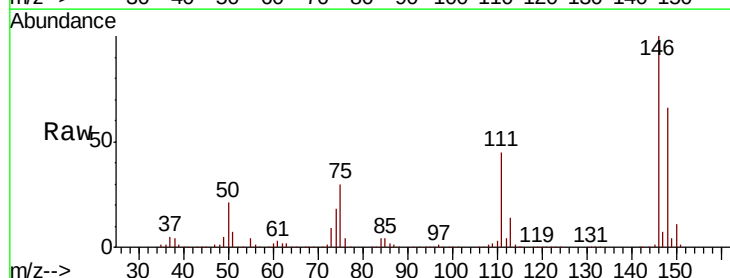
Tgt Ion: 146 Resp: 1692642

Ion Ratio Lower Upper

146 100

148 66.0 51.3 76.9

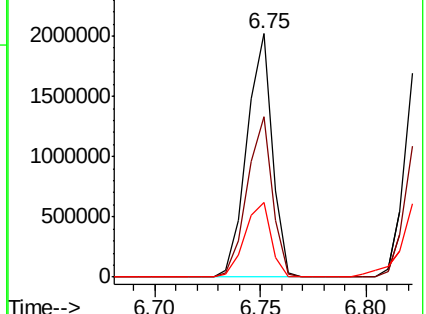
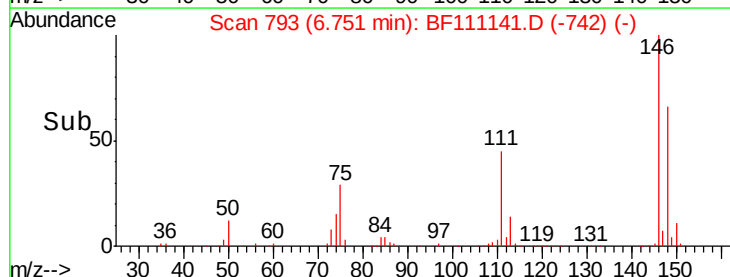
75 30.4 27.7 41.5

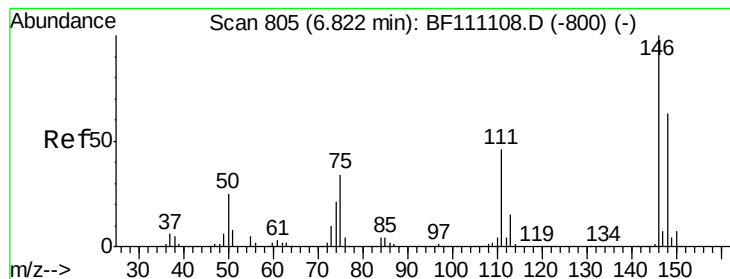


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 37.550 ng

RT: 6.83 min Scan# 806

Delta R.T. 0.00 min

Lab File: BF111141.D

Acq: 6 Dec 2018 16:38

Instrument :

BNA_F

ClientSampled :

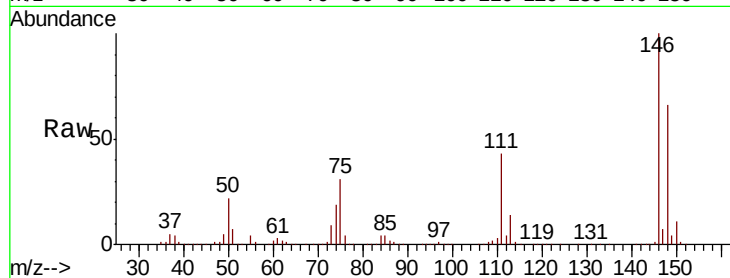
Tot Ion:146 Resp: 1699231

Ion Ratio Lower Upper

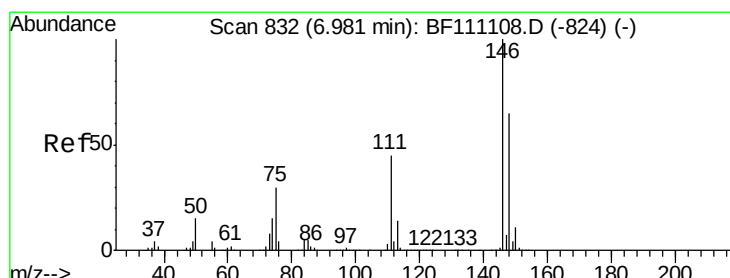
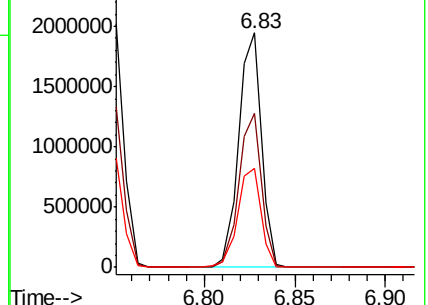
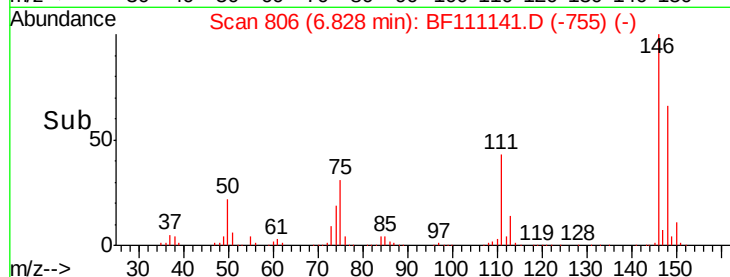
146 100

148 66.0 50.3 75.5

111 42.5 36.6 55.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.801 ng

RT: 6.98 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF111141.D

Acq: 6 Dec 2018 16:38

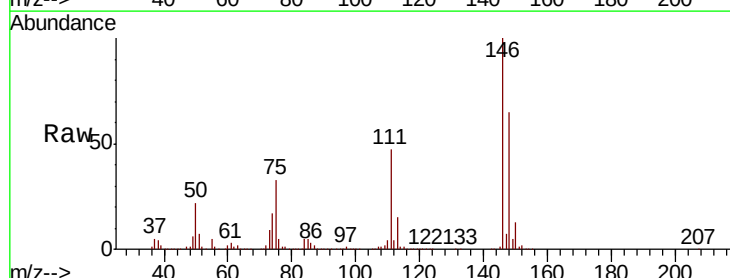
Tgt Ion:146 Resp: 1591221

Ion Ratio Lower Upper

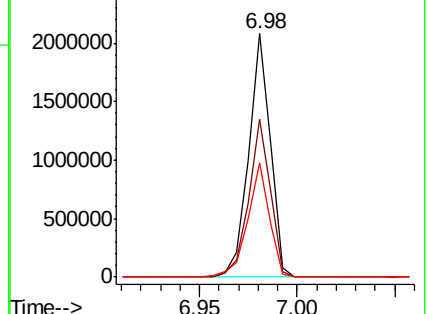
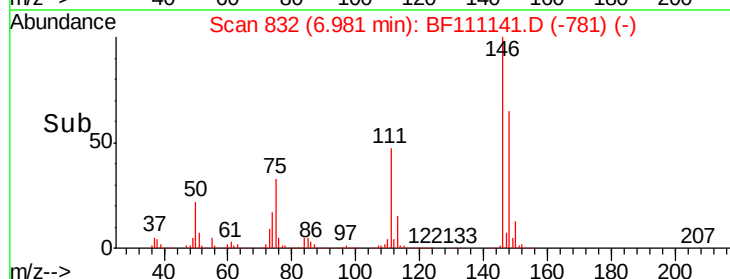
146 100

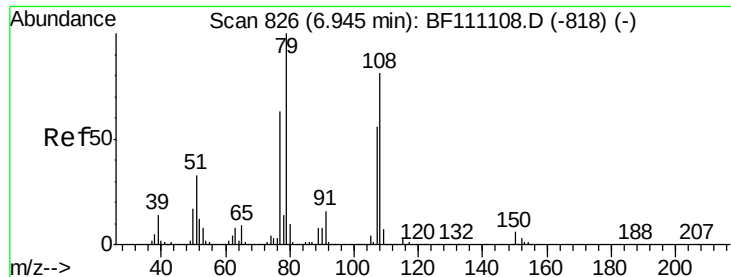
148 64.8 51.8 77.6

111 47.2 35.7 53.5



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.223 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.00 min

Lab File: BF111141.D

Acq: 6 Dec 2018 16:38

Instrument :

BNA_F

ClientSampleId :

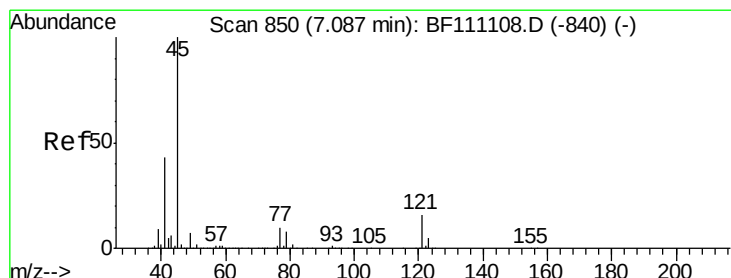
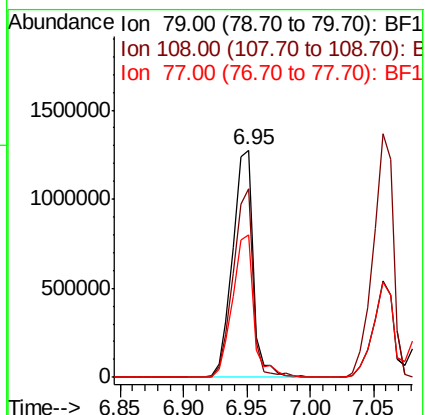
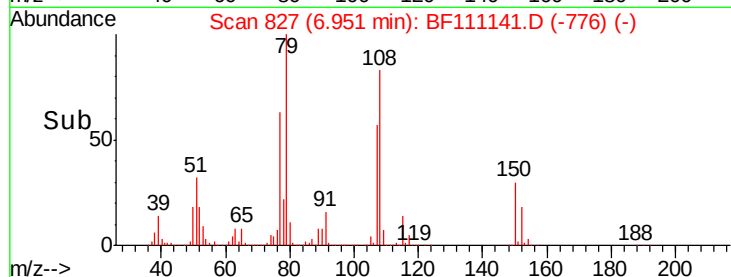
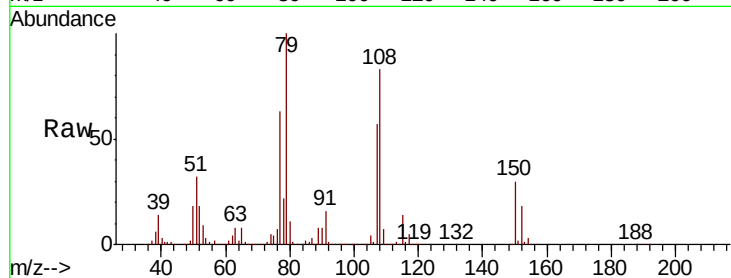
Tot Ion: 79 Resp: 1431093

Ion Ratio Lower Upper

79 100

108 82.8 64.5 96.7

77 62.9 50.5 75.7



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.181 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF111141.D

Acq: 6 Dec 2018 16:38

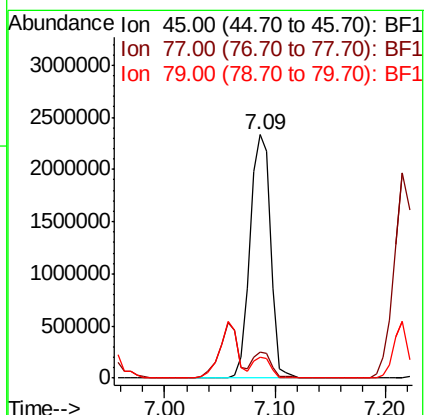
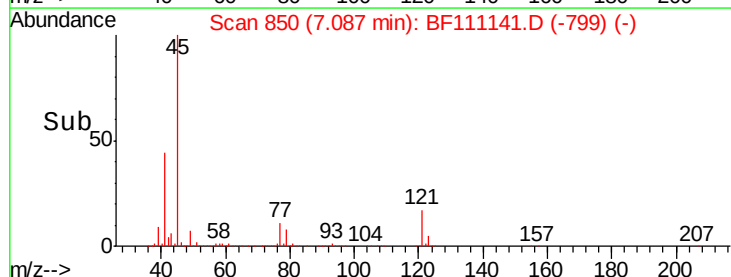
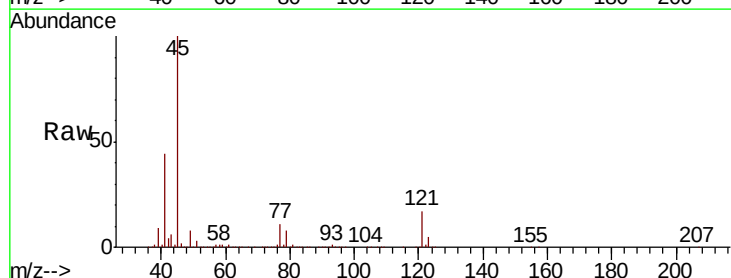
Tgt Ion: 45 Resp: 3045767

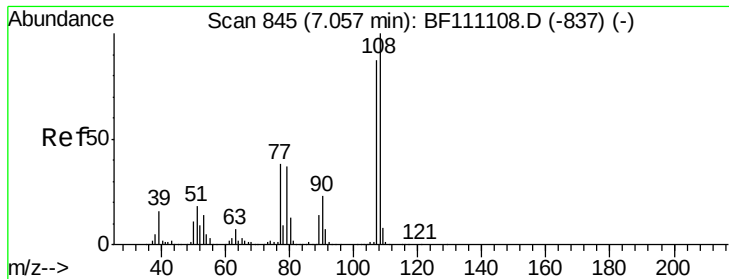
Ion Ratio Lower Upper

45 100

77 10.6 0.0 30.6

79 8.5 0.0 28.4





#17

2-Methylphenol

Concen: 37.916 ng

RT: 7.06 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF111141.D

Acq: 6 Dec 2018 16:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 1315993

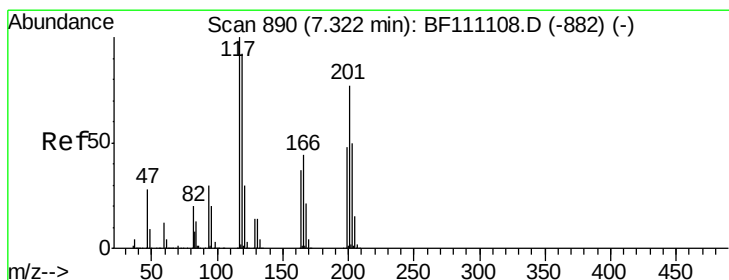
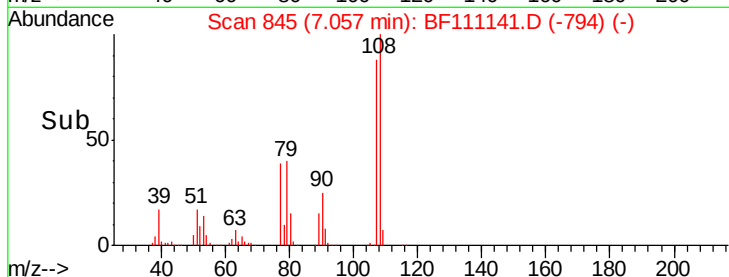
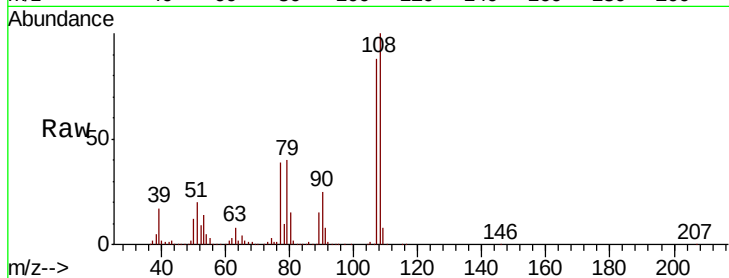
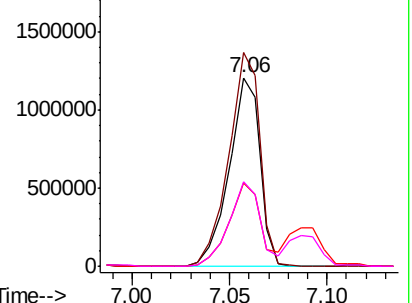
Ion	Ratio	Lower	Upper
107	100		
108	113.4	91.8	137.8
77	44.1	34.7	52.1
79	44.8	34.2	51.2

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



#18

Hexachloroethane

Concen: 38.939 ng

RT: 7.32 min Scan# 890

Delta R.T. -0.01 min

Lab File: BF111141.D

Acq: 6 Dec 2018 16:38

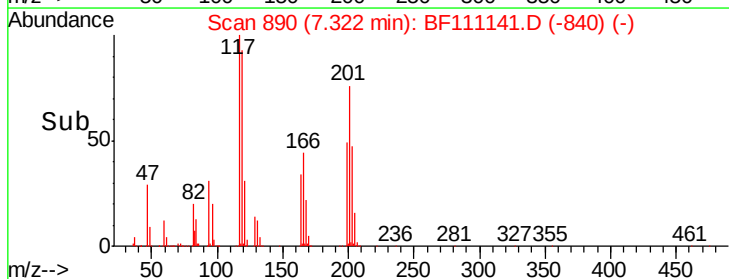
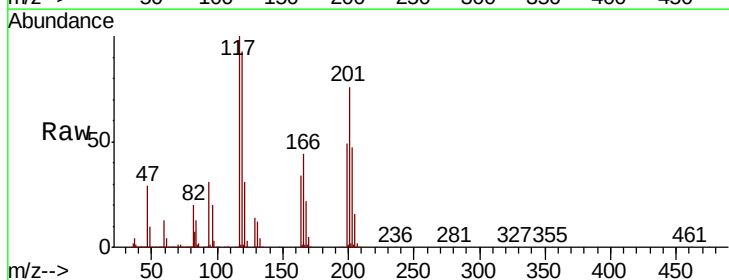
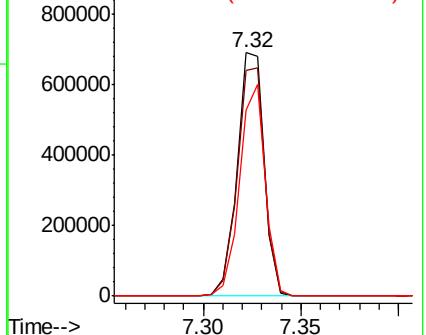
Tgt Ion:117 Resp: 661015

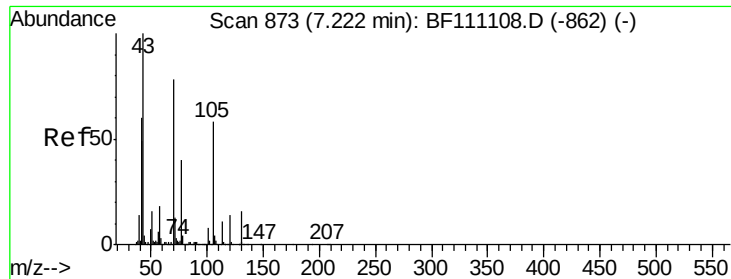
Ion	Ratio	Lower	Upper
117	100		
119	92.5	73.8	110.6
201	76.5	61.2	91.8

Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

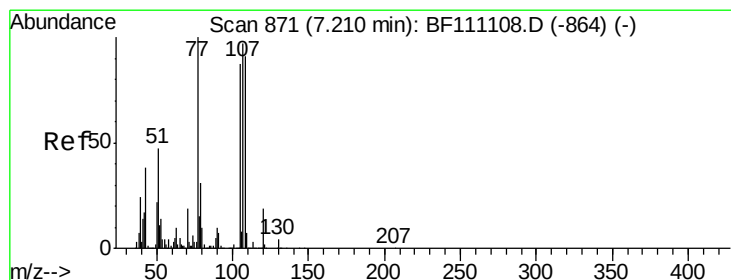
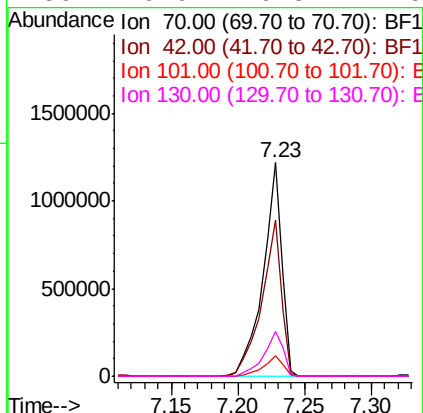
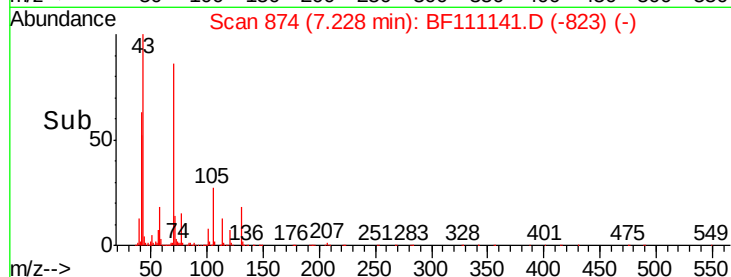
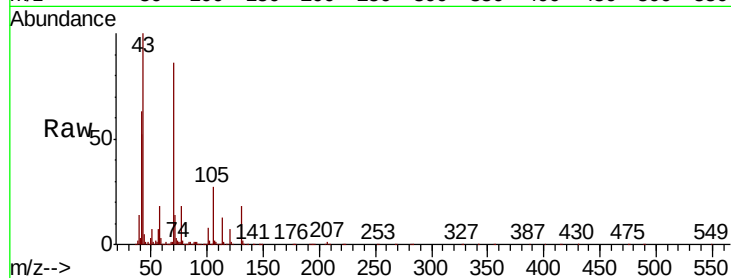




#19
n-Nitroso-di-n-propylamine
Concen: 37.278 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

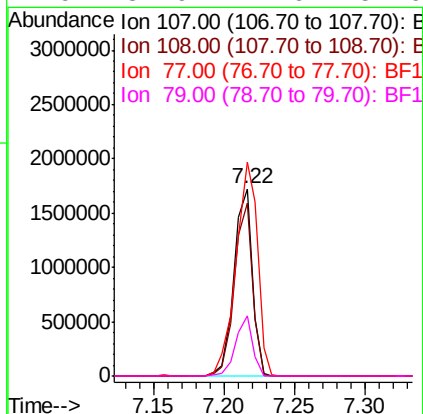
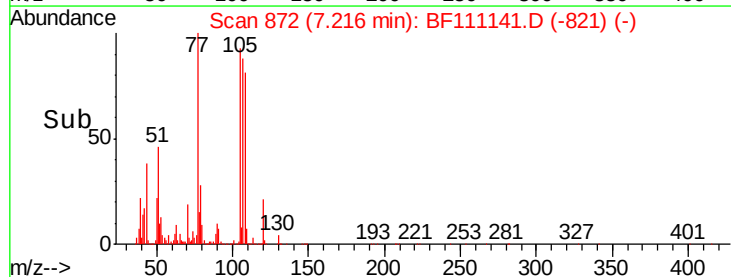
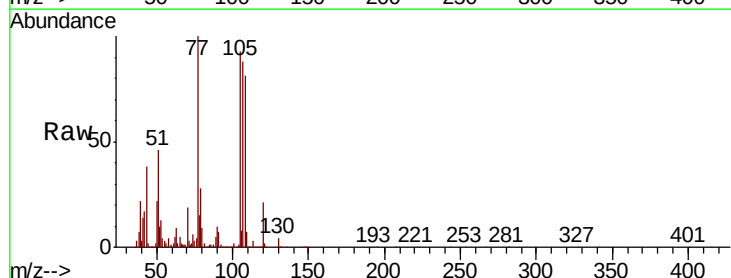
Instrument :
BNA_F
ClientSampleId :

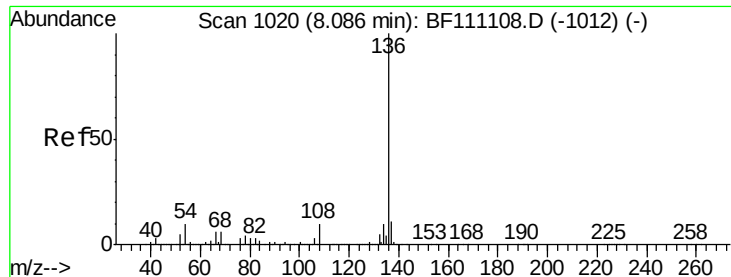
Tot Ion: 70 Resp: 1183810
Ion Ratio Lower Upper
70 100
42 73.1 61.3 91.9
101 9.8 7.7 11.5
130 20.9 16.3 24.5



#20
3+4-Methylphenols
Concen: 37.074 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

Tgt Ion:107 Resp: 1569414
Ion Ratio Lower Upper
107 100
108 92.6 74.0 114.0
77 114.0 83.2 123.2
79 31.9 11.6 51.6

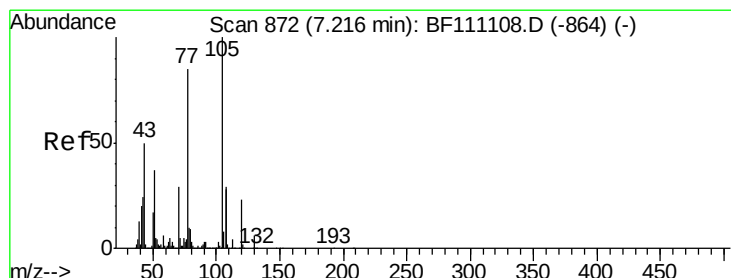
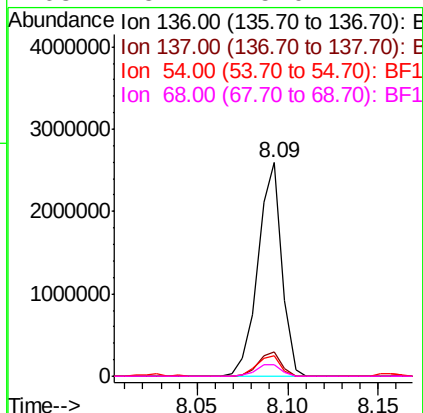
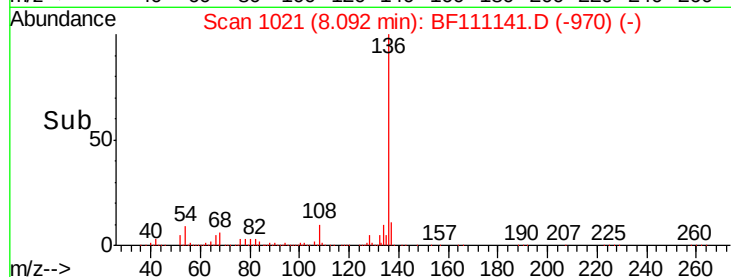
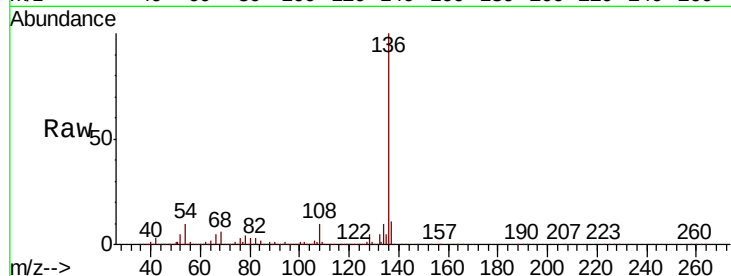




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

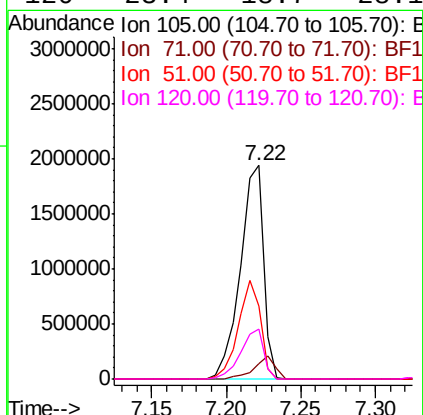
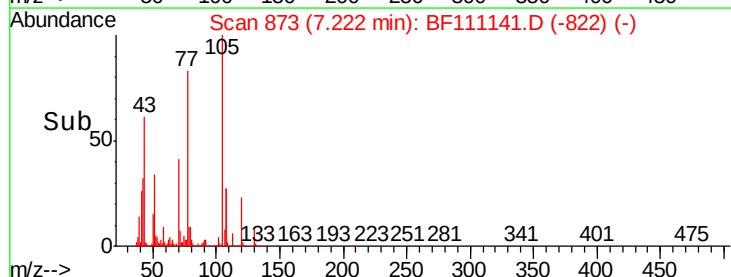
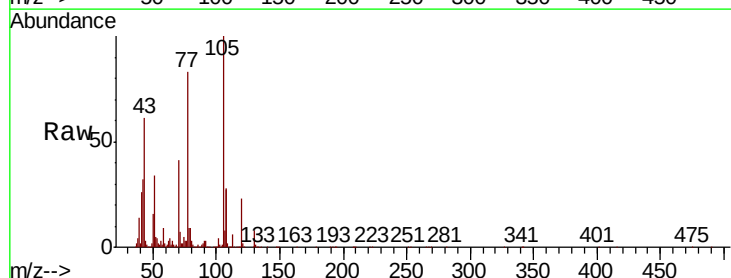
Instrument :
BNA_F
ClientSampleId :

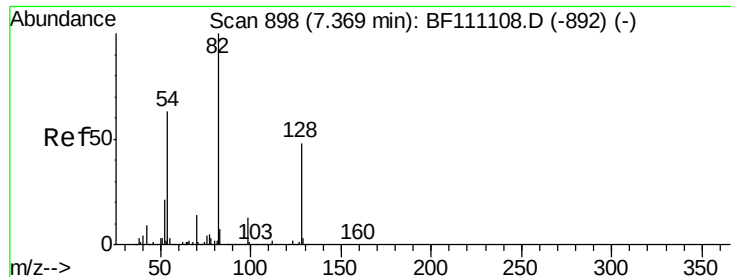
Tot Ion:136	Resp: 2369860
Ion Ratio	Lower Upper
136 100	
137 11.2	9.0 13.6
54 9.5	8.4 12.6
68 5.7	5.0 7.4



#22
Acetophenone
Concen: 36.684 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

Tgt	Ion:105	Resp:	2100883
Ion	Ratio	Lower	Upper
105	100		
71	7.0	4.0	6.0#
51	33.9	29.8	44.8
120	23.4	18.7	28.1

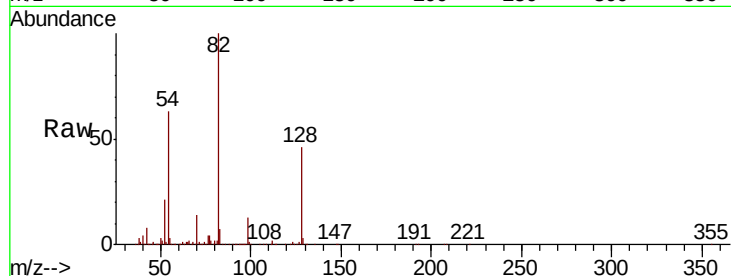




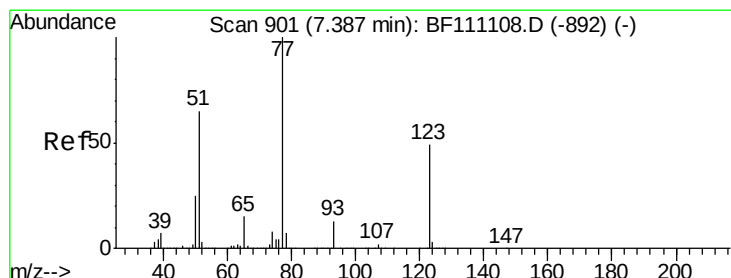
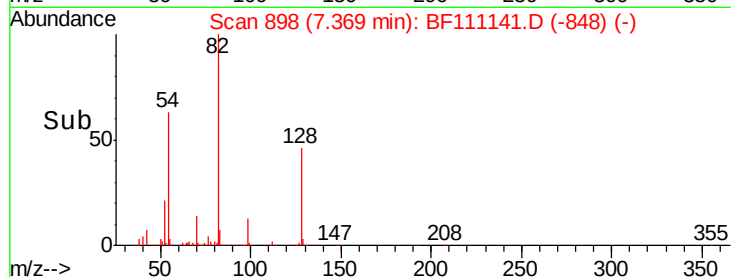
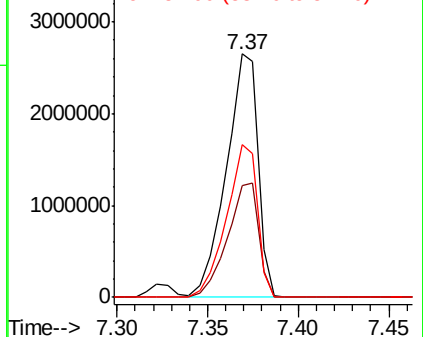
#23
Nitrobenzene-d5
Concen: 80.421 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 3219178
Ion Ratio Lower Upper
82 100
128 45.9 38.1 57.1
54 62.7 50.3 75.5

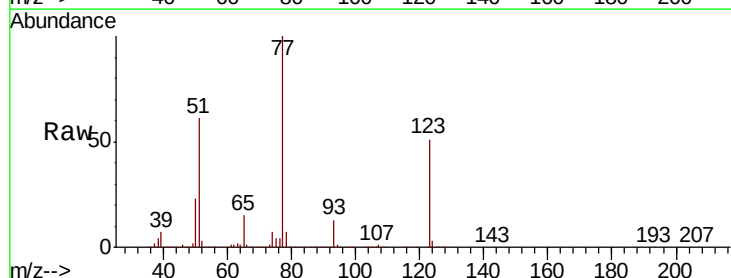


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

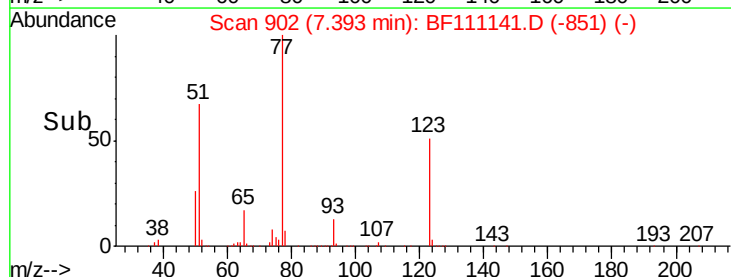
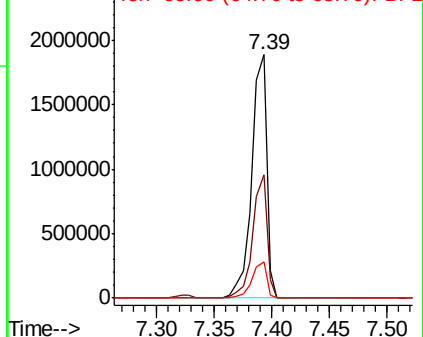


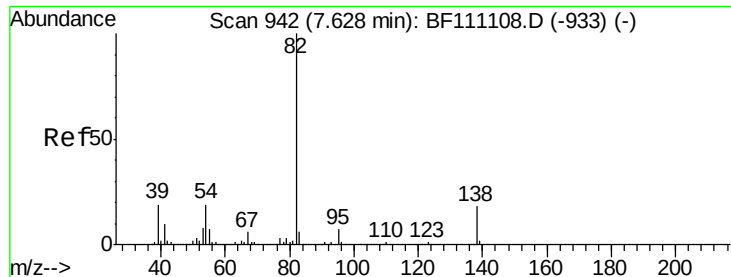
#24
Nitrobenzene
Concen: 39.325 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.00 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

Tgt Ion: 77 Resp: 1693485
Ion Ratio Lower Upper
77 100
123 50.7 39.5 59.3
65 14.6 11.8 17.6



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 37.472 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF111141.D

Acq: 6 Dec 2018 16:38

Instrument :

BNA_F

ClientSampleId :

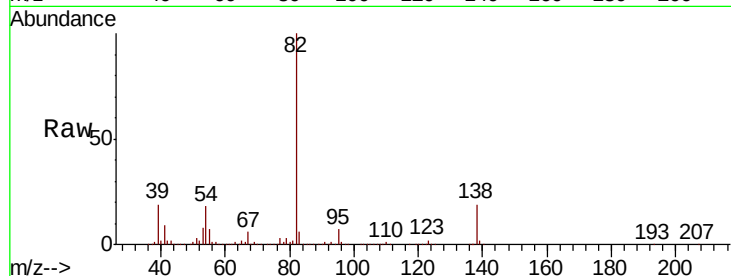
Tot Ion: 82 Resp: 2752819

Ion Ratio Lower Upper

82 100

95 7.3 5.6 8.4

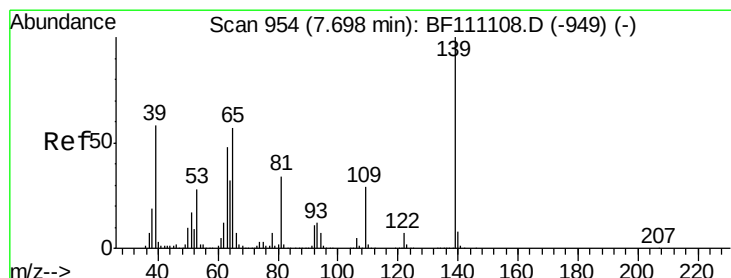
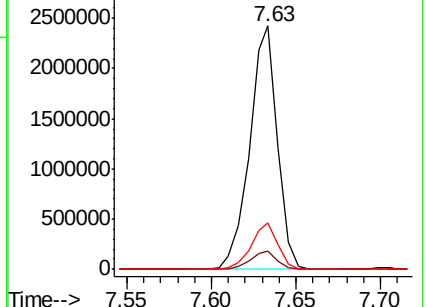
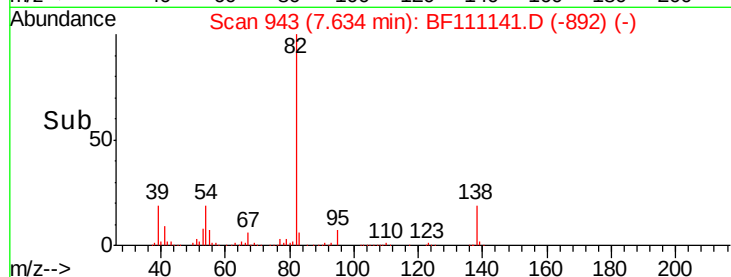
138 19.1 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 45.109 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF111141.D

Acq: 6 Dec 2018 16:38

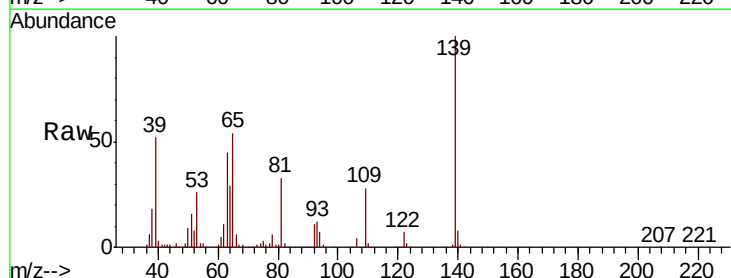
Tgt Ion: 139 Resp: 820811

Ion Ratio Lower Upper

139 100

109 27.8 23.1 34.7

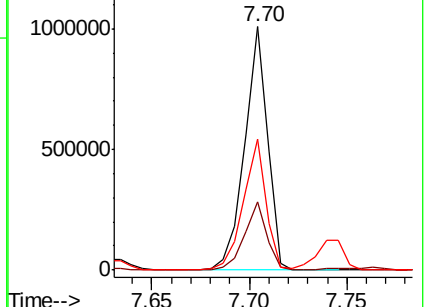
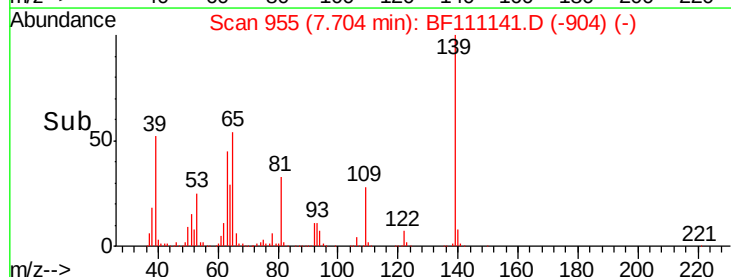
65 53.6 45.9 68.9

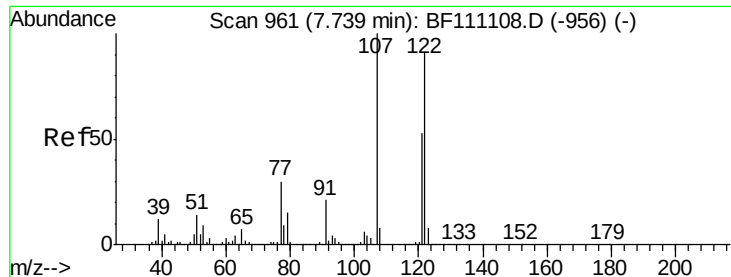


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

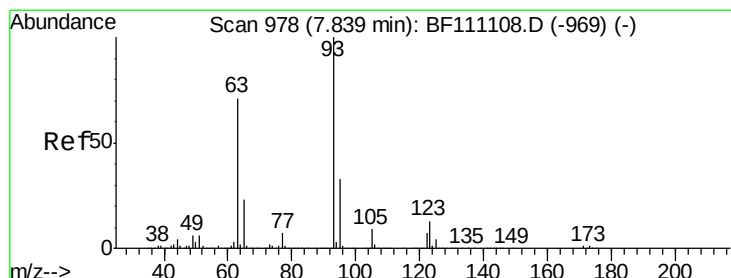
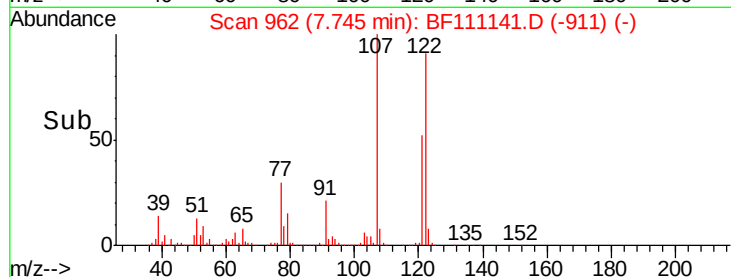
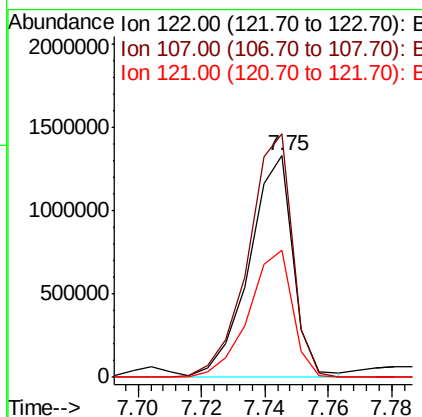
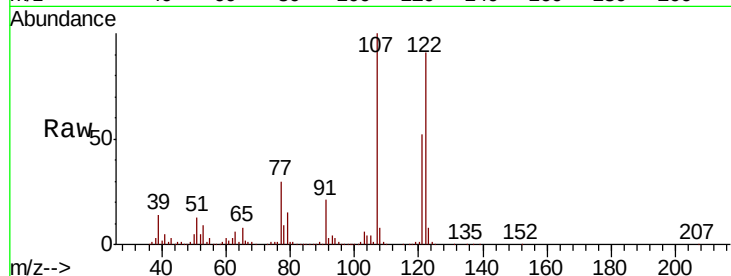




#27
 2,4-Dimethylphenol
 Concen: 37.432 ng
 RT: 7.75 min Scan# 962
 Delta R.T. 0.00 min
 Lab File: BF111141.D
 Acq: 6 Dec 2018 16:38

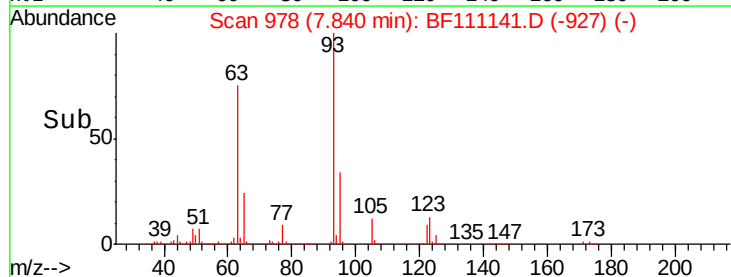
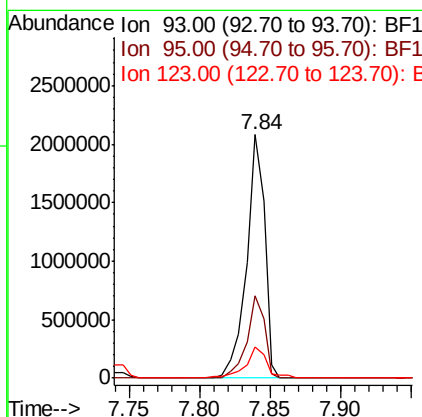
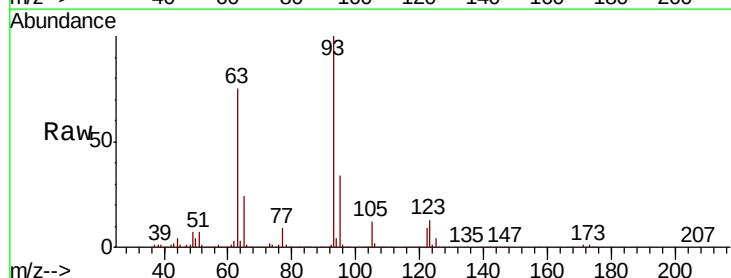
Instrument :
 BNA_F
 ClientSampleId :

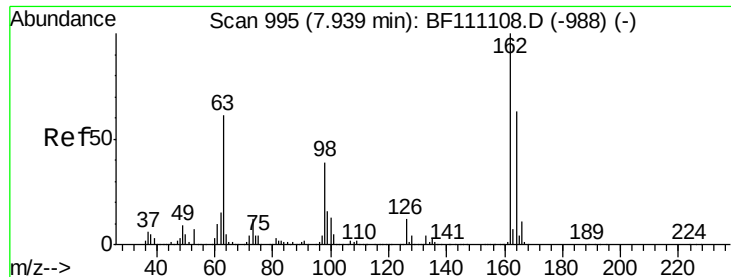
Tot Ion:122 Resp: 1282757
 Ion Ratio Lower Upper
 122 100
 107 109.8 87.4 131.0
 121 57.5 45.9 68.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.428 ng
 RT: 7.84 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: BF111141.D
 Acq: 6 Dec 2018 16:38

Tgt Ion: 93 Resp: 1861352
 Ion Ratio Lower Upper
 93 100
 95 33.6 26.6 39.8
 123 12.7 10.3 15.5

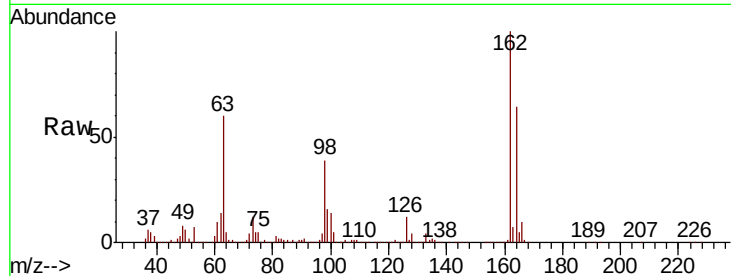




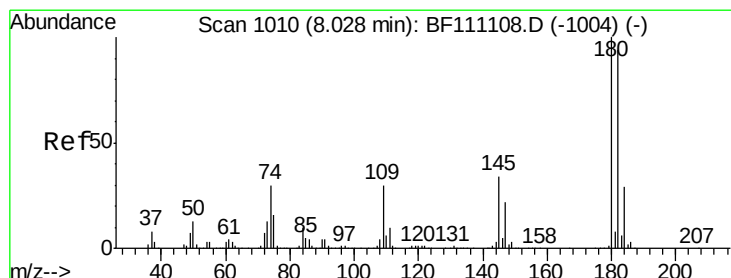
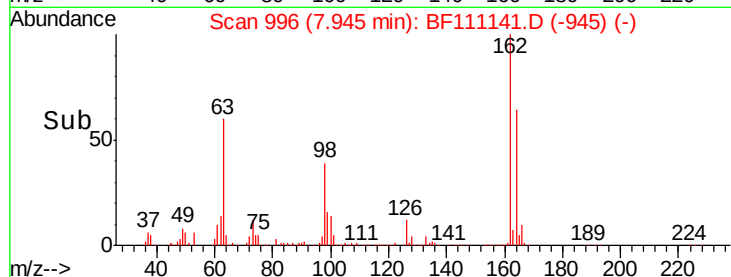
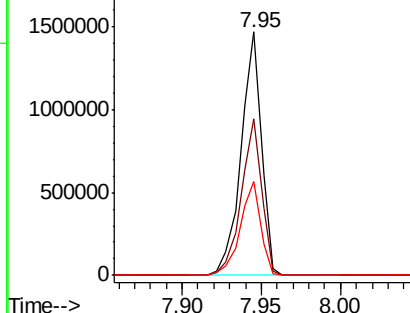
#29
2,4-Dichlorophenol
Concen: 38.834 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 1310128
Ion Ratio Lower Upper
162 100
164 64.1 43.3 83.3
98 38.8 18.9 58.9

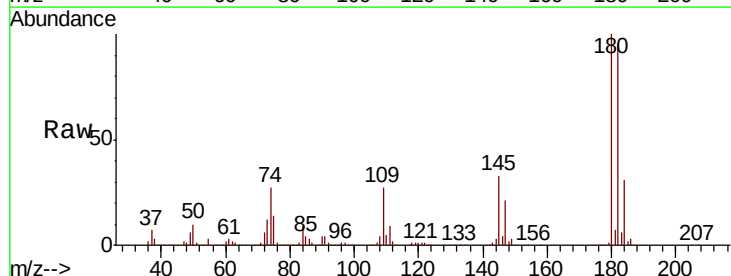


Abundance Ion 162.00 (161.70 to 162.70): E
2000000 Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

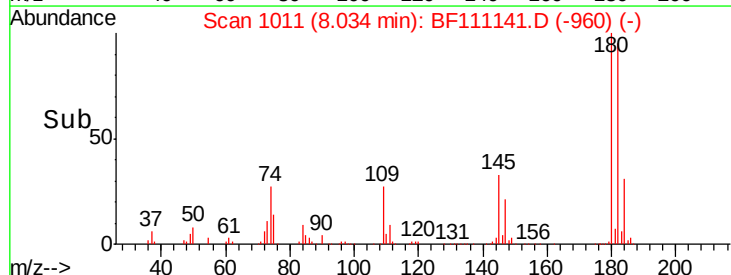
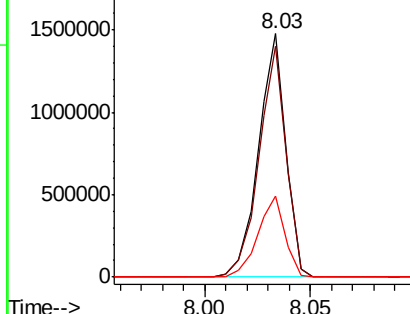


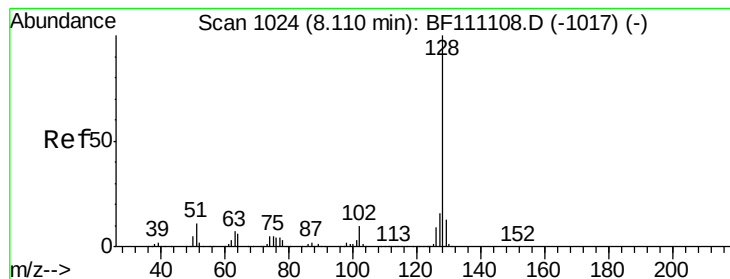
#30
1,2,4-Trichlorobenzene
Concen: 38.810 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

Tgt Ion:180 Resp: 1321550
Ion Ratio Lower Upper
180 100
182 94.9 75.1 112.7
145 33.2 27.6 41.4



Abundance Ion 180.00 (179.70 to 180.70): E
2000000 Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.541 ng

RT: 8.12 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BF111141.D

Acq: 6 Dec 2018 16:38

Instrument :

BNA_F

ClientSampled :

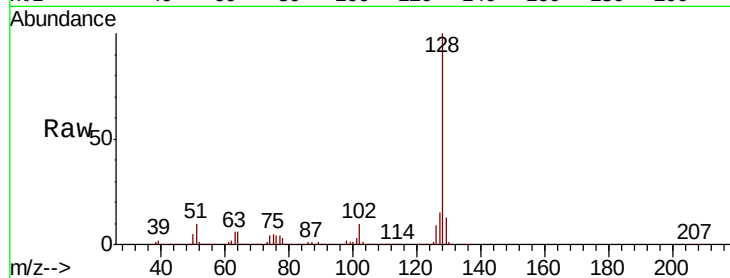
Tot Ion:128 Resp: 3976645

Ion Ratio Lower Upper

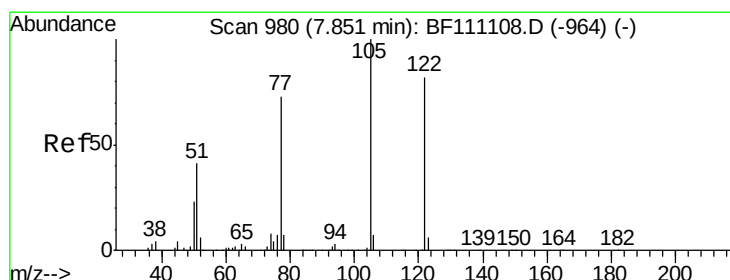
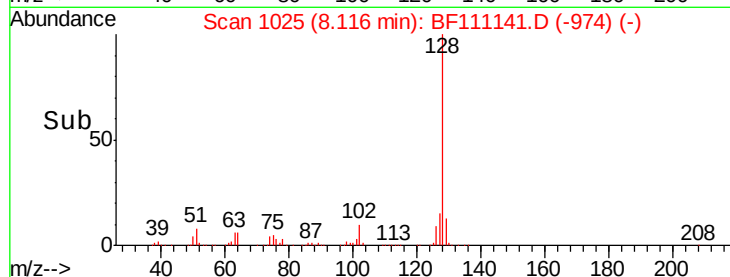
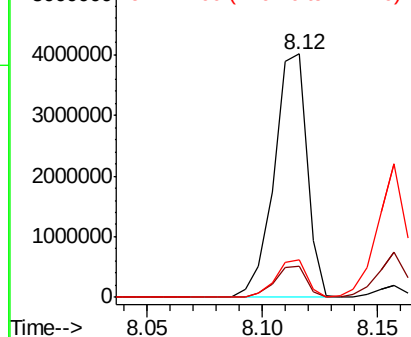
128 100

129 12.7 10.5 15.7

127 15.4 12.5 18.7



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 43.019 ng

RT: 7.86 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF111141.D

Acq: 6 Dec 2018 16:38

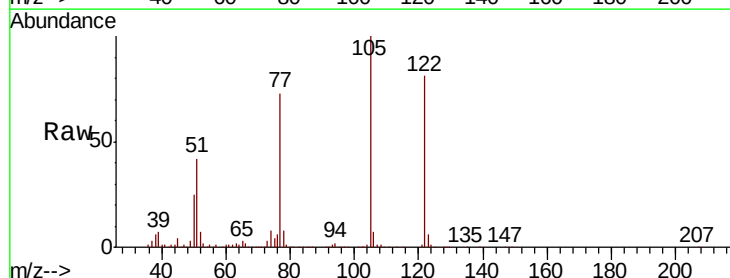
Tgt Ion:122 Resp: 972152

Ion Ratio Lower Upper

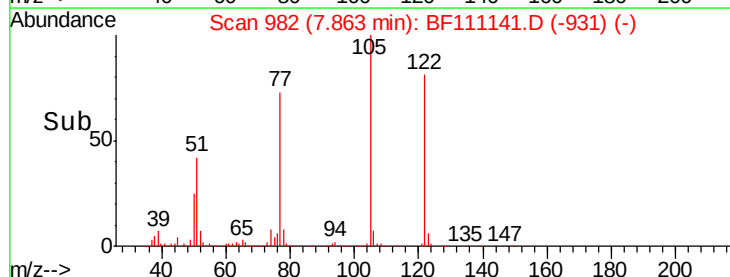
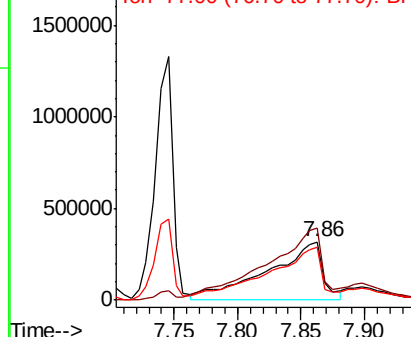
122 100

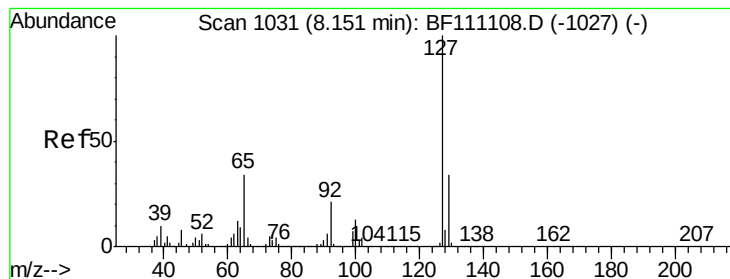
105 123.7 100.1 140.1

77 90.5 69.4 109.4



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 37.619 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF111141.D

Acq: 6 Dec 2018 16:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 1876300

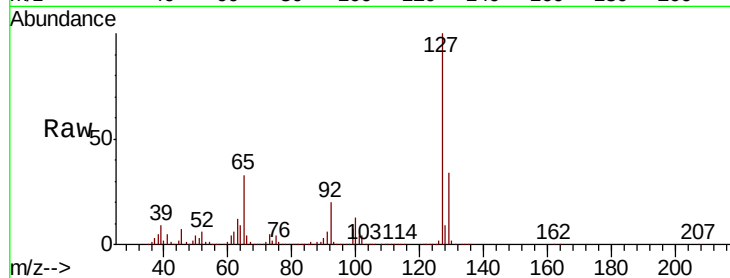
Ion Ratio Lower Upper

127 100

129 33.9 27.0 40.6

65 32.8 27.2 40.8

92 20.0 16.6 24.8

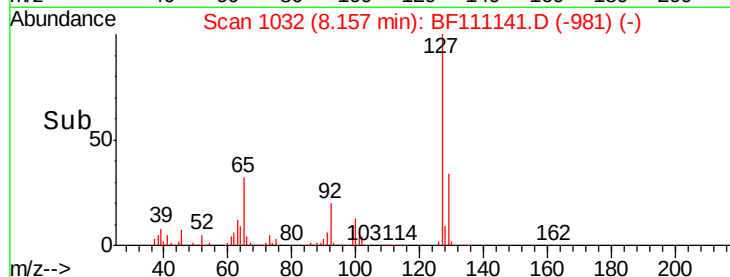


Abundance Ion 127.00 (126.70 to 127.70): E

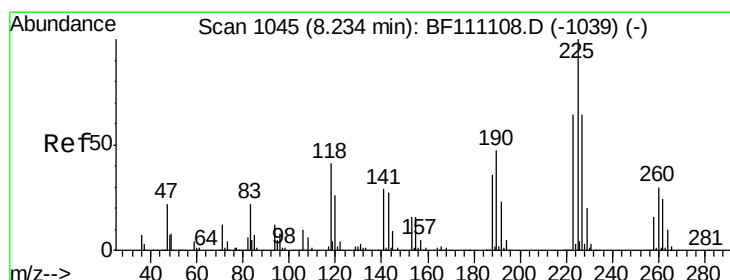
Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



Time-->



#34

Hexachlorobutadiene

Concen: 39.235 ng

RT: 8.24 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF111141.D

Acq: 6 Dec 2018 16:38

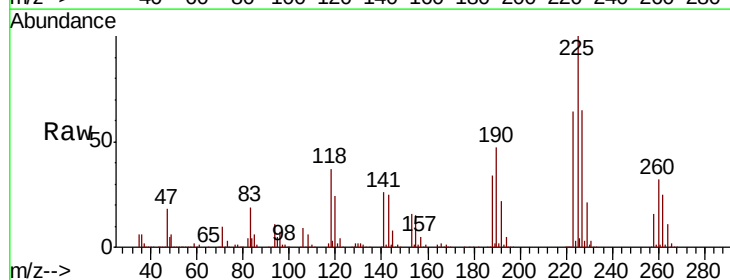
Tgt Ion:225 Resp: 726053

Ion Ratio Lower Upper

225 100

223 64.0 51.4 77.2

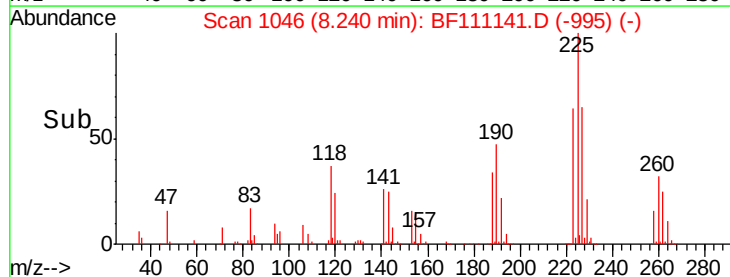
227 64.5 51.0 76.4



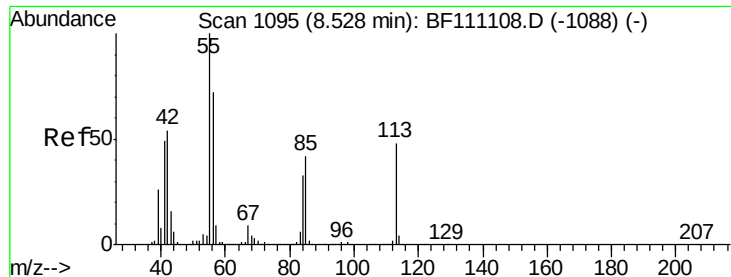
Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



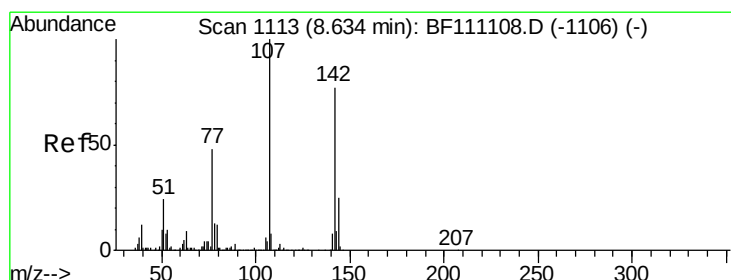
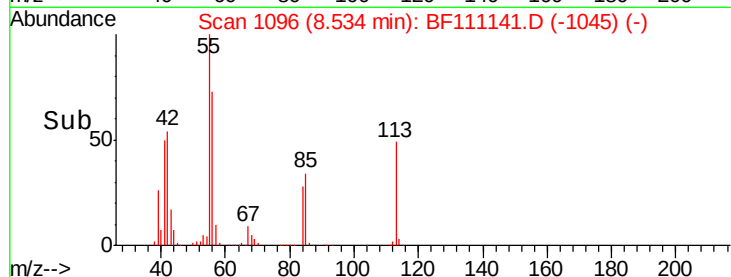
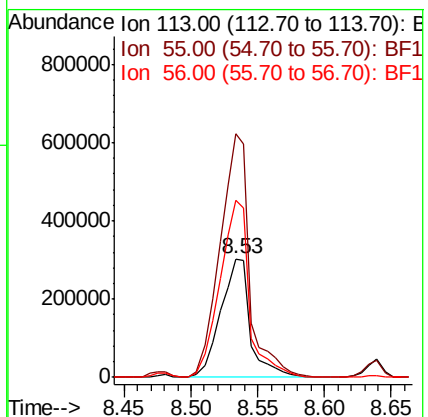
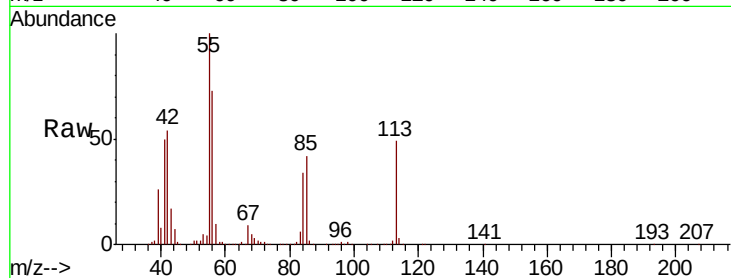
Time-->



#35
 Caprolactam
 Concen: 38.000 ng
 RT: 8.53 min Scan# 1096
 Delta R.T. 0.00 min
 Lab File: BF111141.D
 Acq: 6 Dec 2018 16:38

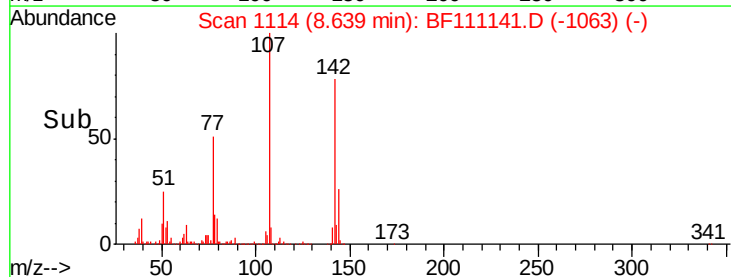
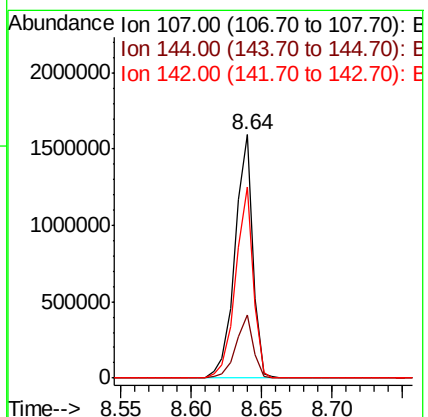
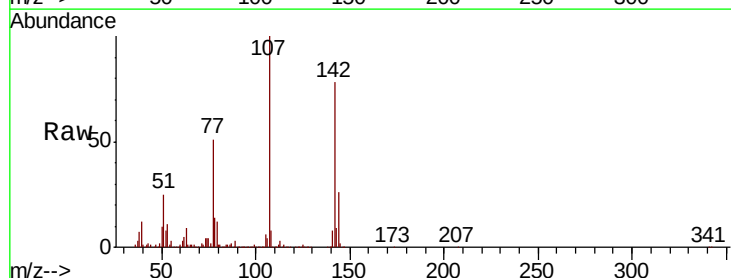
Instrument :
 BNA_F
 ClientSampleId :

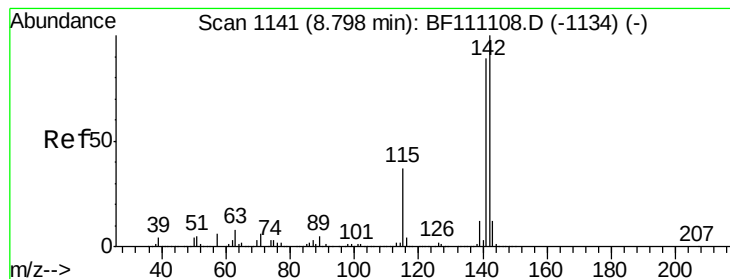
Tot Ion:113 Resp: 470697
 Ion Ratio Lower Upper
 113 100
 55 205.5 190.6 230.6
 56 149.3 130.9 170.9



#36
 4-Chloro-3-methylphenol
 Concen: 37.911 ng
 RT: 8.64 min Scan# 1114
 Delta R.T. 0.00 min
 Lab File: BF111141.D
 Acq: 6 Dec 2018 16:38

Tgt Ion:107 Resp: 1400923
 Ion Ratio Lower Upper
 107 100
 144 25.9 19.9 29.9
 142 78.4 61.4 92.0





#37

2-Methylnaphthalene

Concen: 37.496 ng

RT: 8.80 min Scan# 1142

Delta R.T. 0.00 min

Lab File: BF111141.D

Acq: 6 Dec 2018 16:38

Instrument :

BNA_F

ClientSampleId :

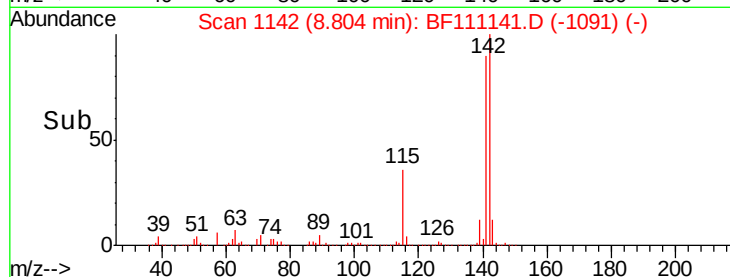
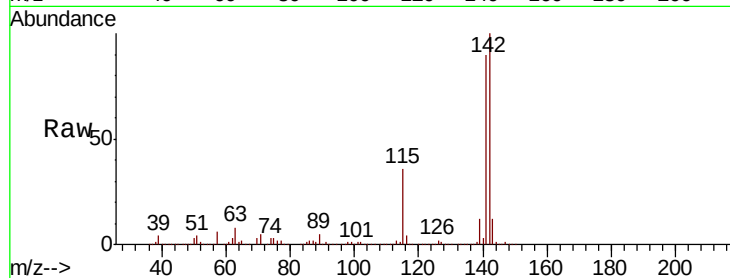
Tot Ion:142 Resp: 2668684

Ion Ratio Lower Upper

142 100

141 89.8 71.4 107.0

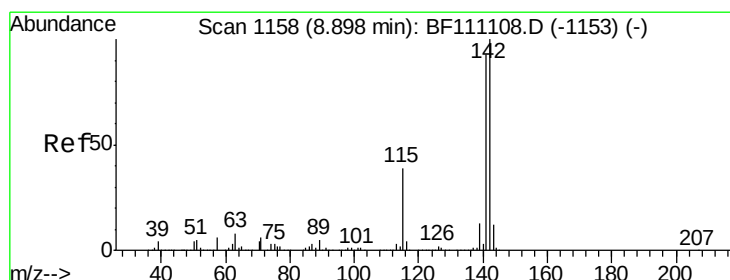
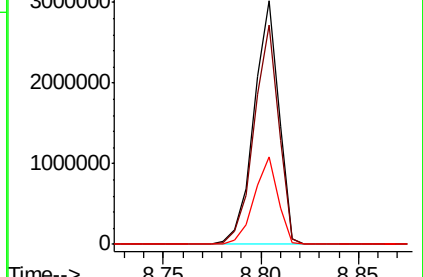
115 36.1 29.2 43.8



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: 37.669 ng

RT: 8.90 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF111141.D

Acq: 6 Dec 2018 16:38

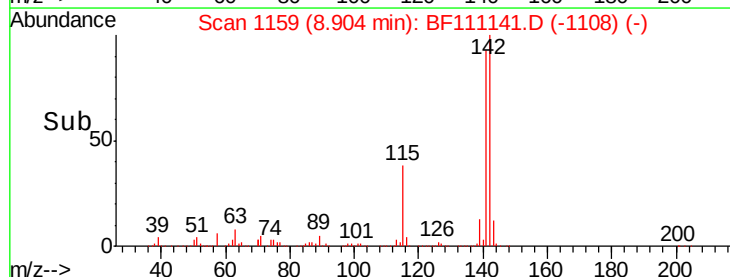
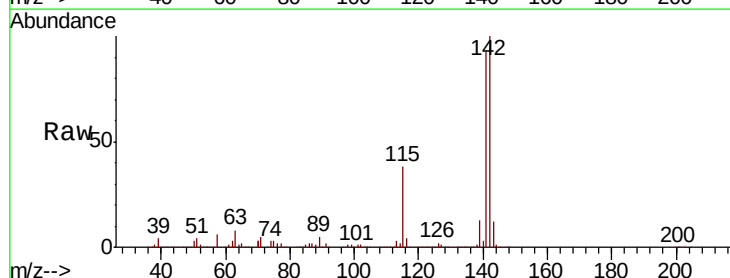
Tgt Ion:142 Resp: 2577568

Ion Ratio Lower Upper

142 100

141 92.7 74.5 111.7

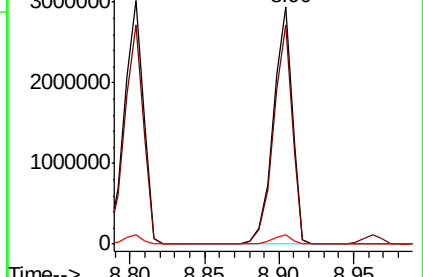
116 3.9 3.2 4.8

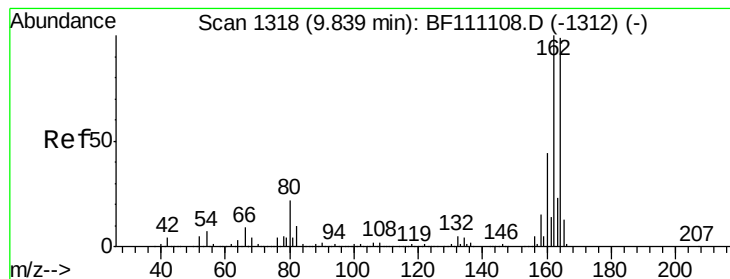


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.85 min Scan# 1319

Delta R.T. 0.00 min

Lab File: BF111141.D

Acq: 6 Dec 2018 16:38

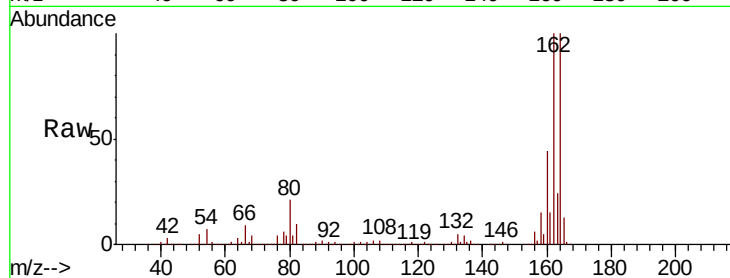
Instrument :

BNA_F

ClientSampleId :

Tot Ion:164 Resp: 1131447

Ion	Ratio	Lower	Upper
164	100		
162	99.6	80.6	120.8
160	43.8	35.5	53.3

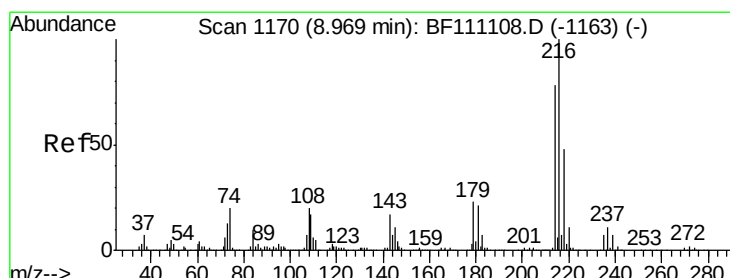
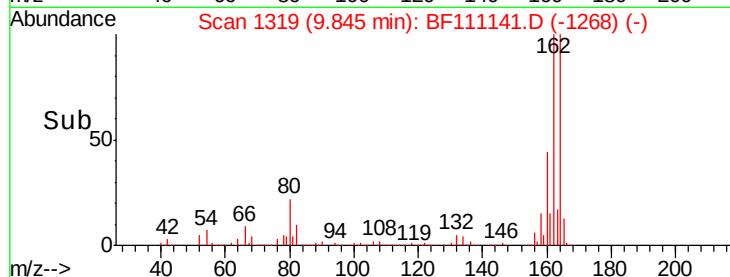
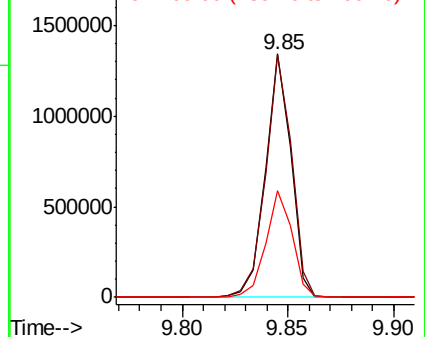


Abundance

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: 38.035 ng

RT: 8.97 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BF111141.D

Acq: 6 Dec 2018 16:38

Tgt Ion:216 Resp: 1146953

Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.4	95.0
179	22.5	18.5	27.7
108	23.3	19.1	28.7

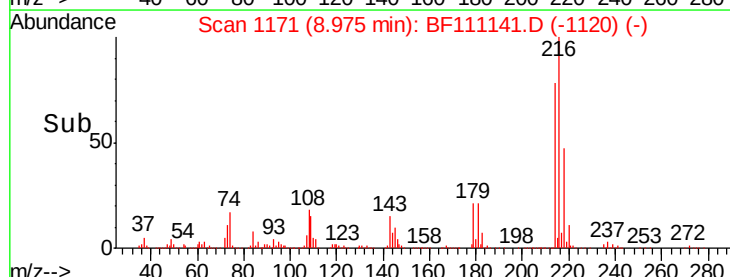
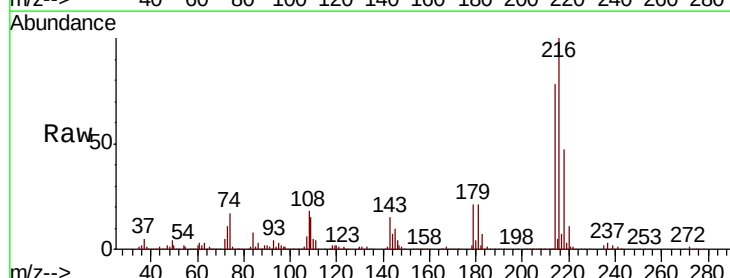
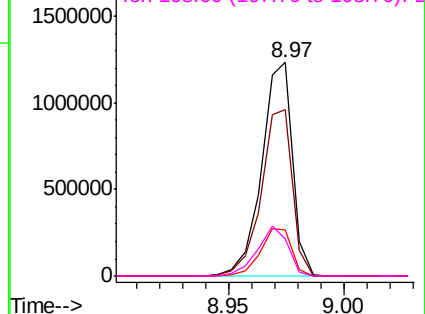
Abundance

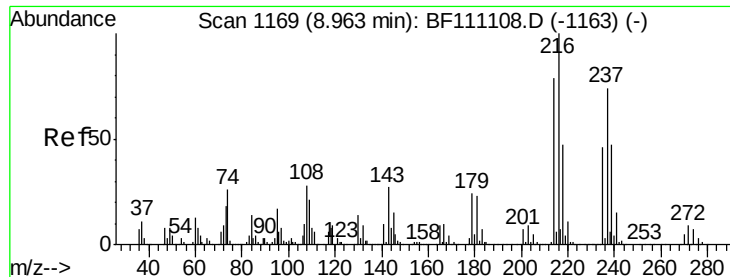
Ion 216.00 (215.70 to 216.70): E

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: 39.634 ng

RT: 8.96 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BF111141.D

Acq: 6 Dec 2018 16:38

Instrument :

BNA_F

ClientSampleId :

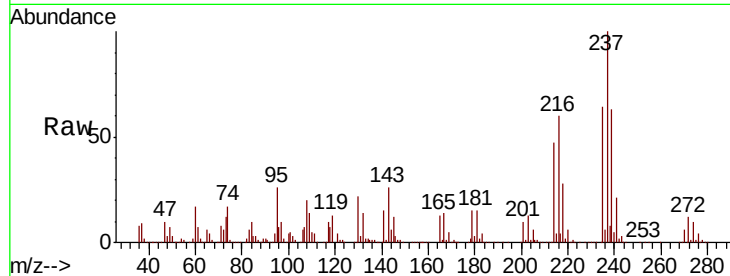
Tot Ion:237 Resp: 630213

Ion Ratio Lower Upper

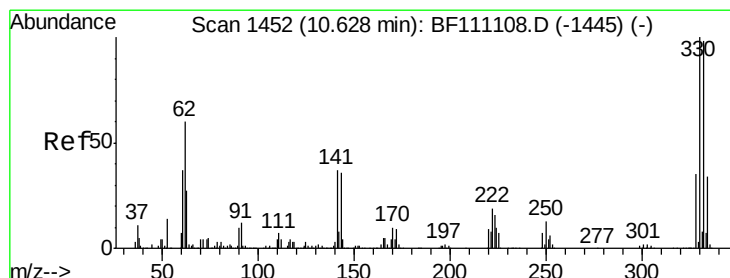
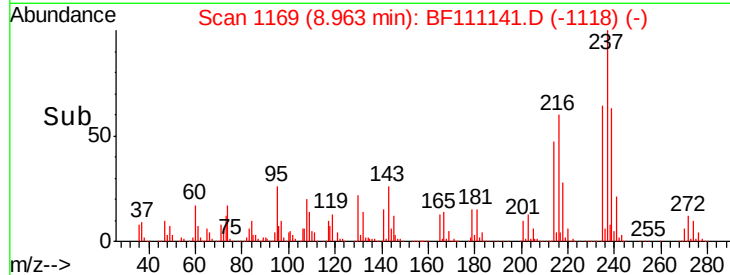
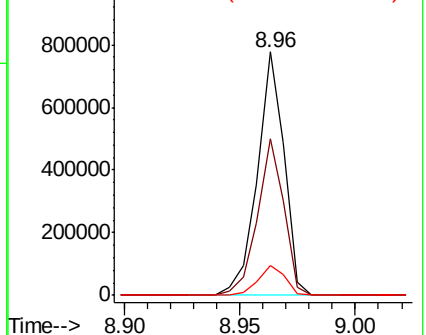
237 100

235 64.2 41.9 81.9

272 12.2 0.0 32.7



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: 81.330 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BF111141.D

Acq: 6 Dec 2018 16:38

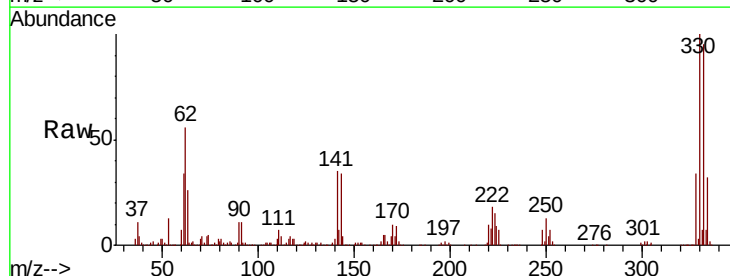
Tgt Ion:330 Resp: 731459

Ion Ratio Lower Upper

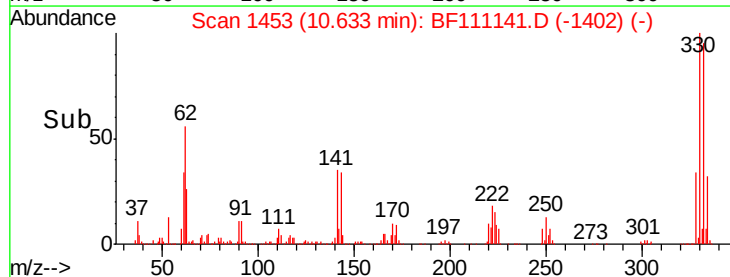
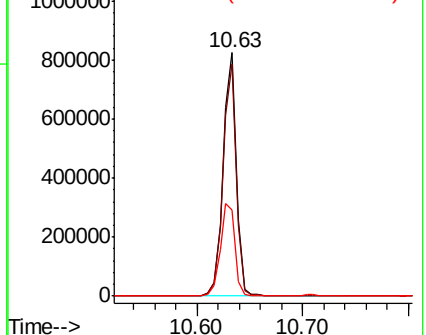
330 100

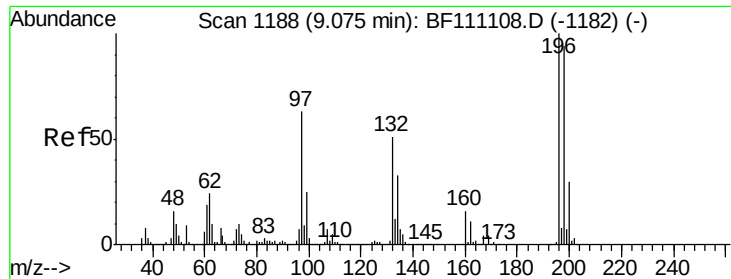
332 95.6 77.2 115.8

141 41.8 36.1 54.1



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

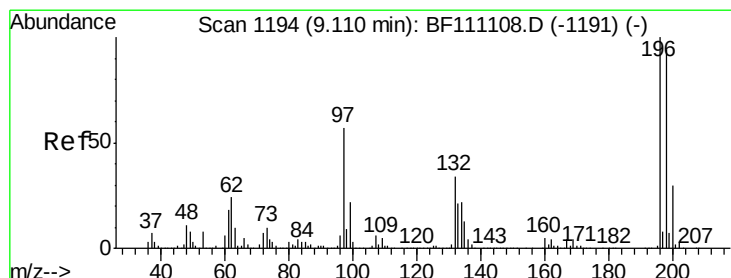
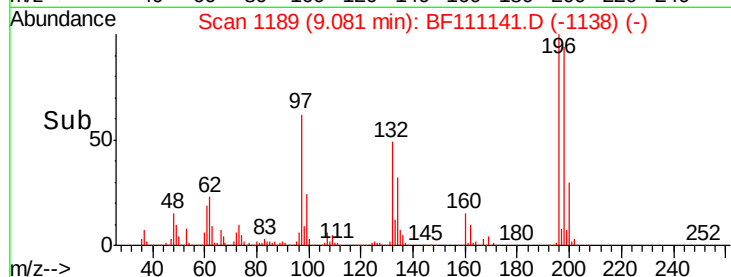
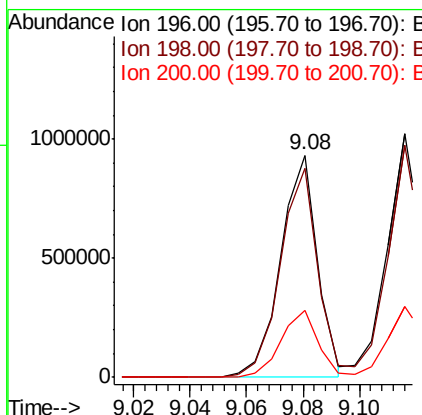
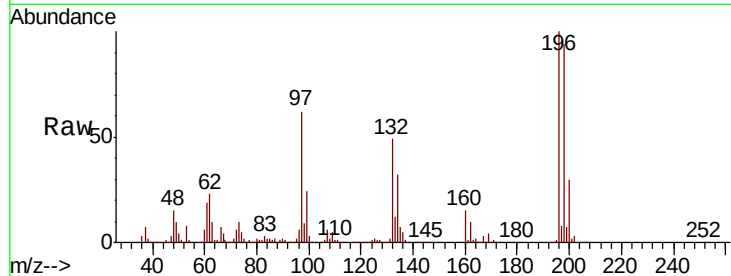




#43
 2,4,6-Trichlorophenol
 Concen: 38.156 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF111141.D
 Acq: 6 Dec 2018 16:38

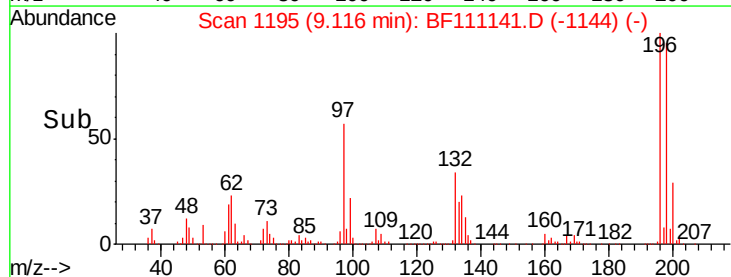
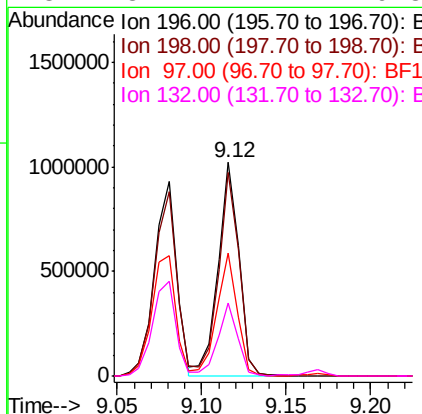
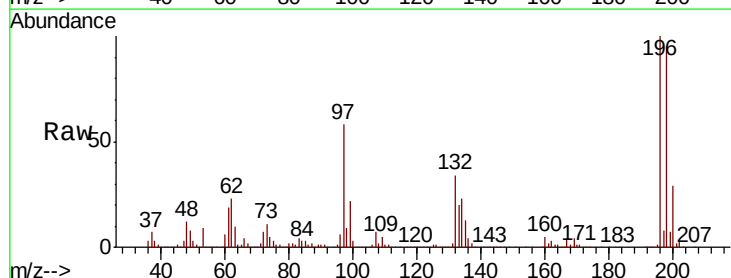
Instrument :
 BNA_F
 ClientSampleId :

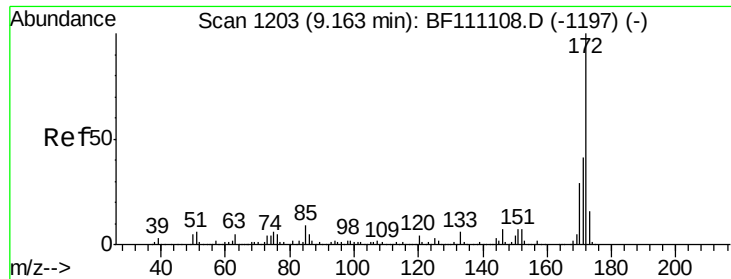
Tot Ion:196 Resp: 840360
 Ion Ratio Lower Upper
 196 100
 198 94.4 75.4 113.0
 200 30.1 24.2 36.4



#44
 2,4,5-Trichlorophenol
 Concen: 39.520 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: BF111141.D
 Acq: 6 Dec 2018 16:38

Tgt Ion:196 Resp: 882325
 Ion Ratio Lower Upper
 196 100
 198 95.4 75.0 112.4
 97 57.6 46.2 69.4
 132 34.1 27.2 40.8

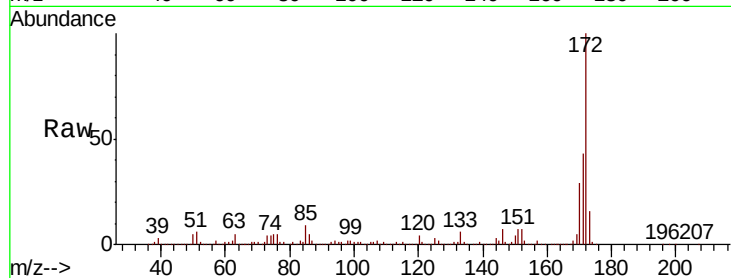




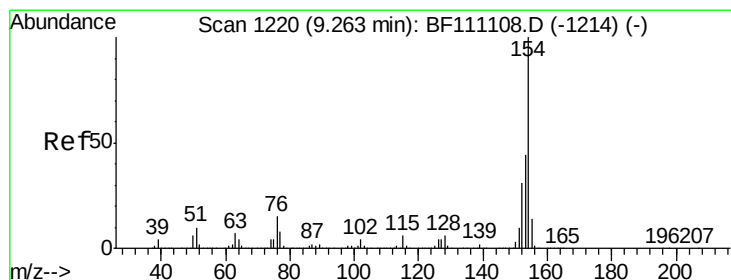
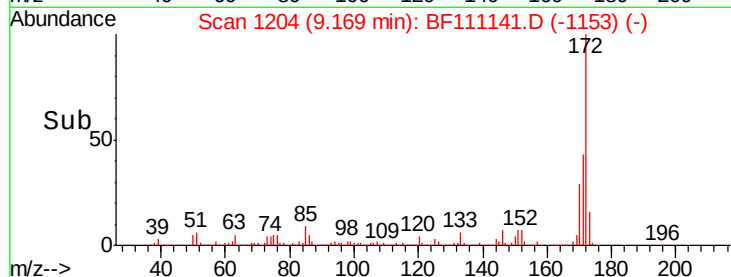
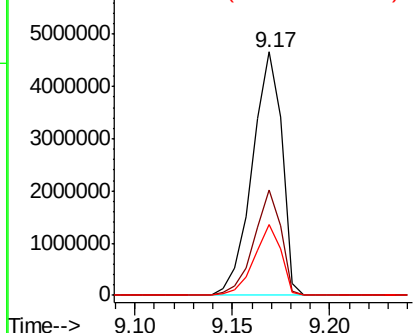
#45
2-Fluorobiphenyl
Concen: 79.148 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 4898353
Ion Ratio Lower Upper
172 100
171 43.1 33.2 49.8
170 29.1 22.9 34.3

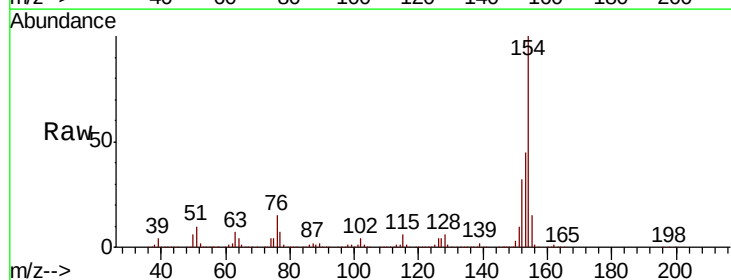


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

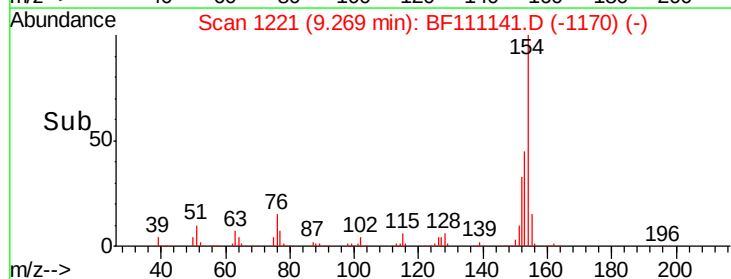
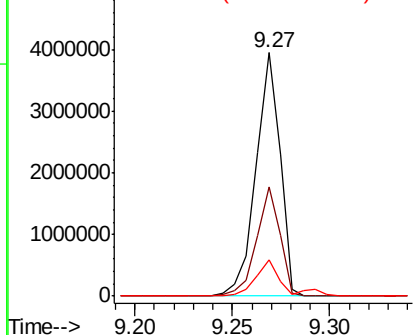


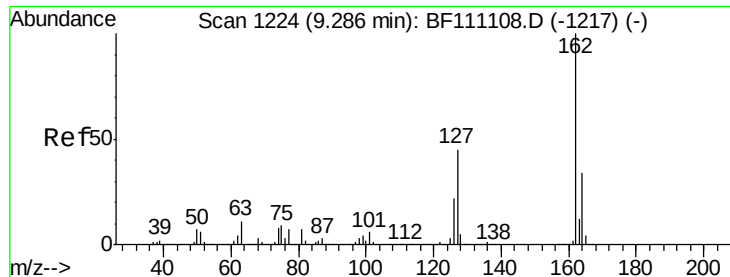
#46
1,1'-Biphenyl
Concen: 36.515 ng
RT: 9.27 min Scan# 1221
Delta R.T. 0.00 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

Tgt Ion:154 Resp: 3382087
Ion Ratio Lower Upper
154 100
153 45.0 23.7 63.7
76 14.8 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

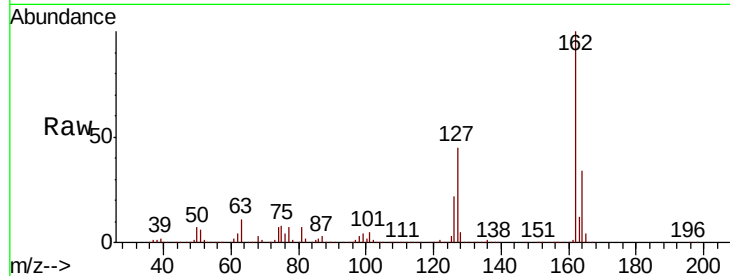




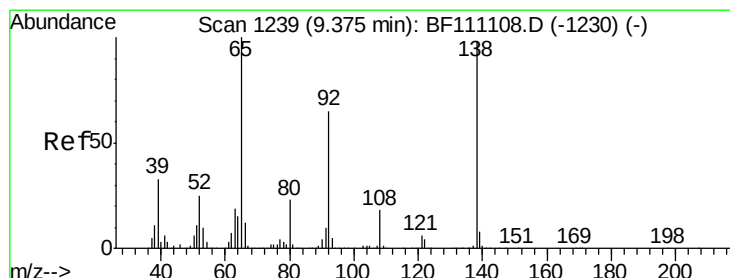
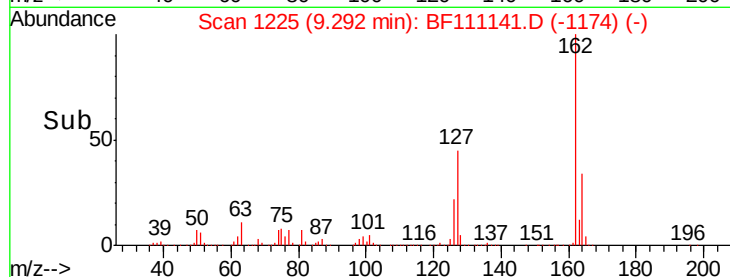
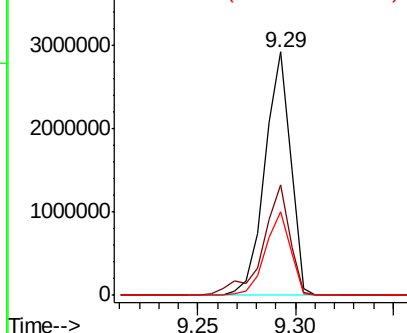
#47
 2-Chloronaphthalene
 Concen: 37.123 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: BF111141.D
 Acq: 6 Dec 2018 16:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 2671911
 Ion Ratio Lower Upper
 162 100
 127 45.3 36.4 54.6
 164 34.5 27.3 40.9

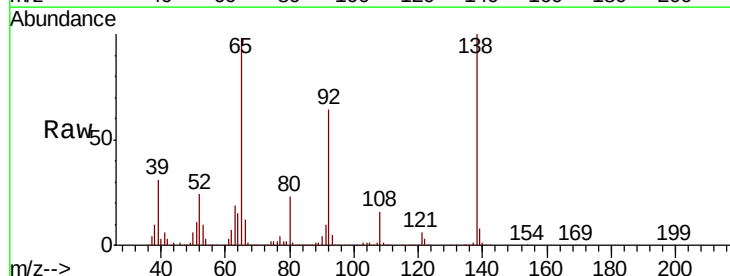


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

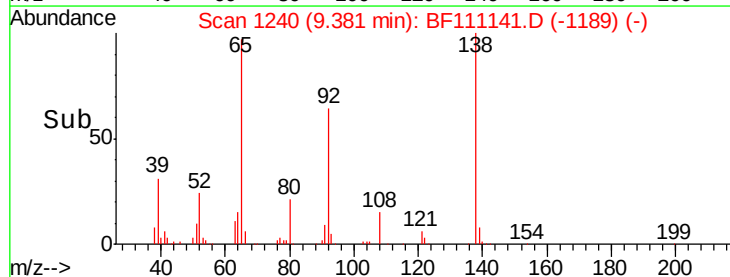
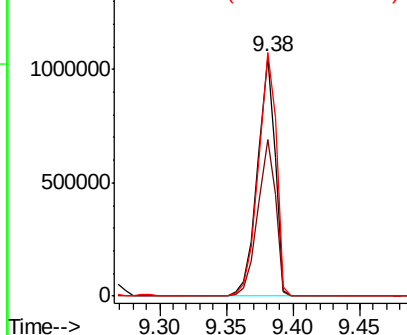


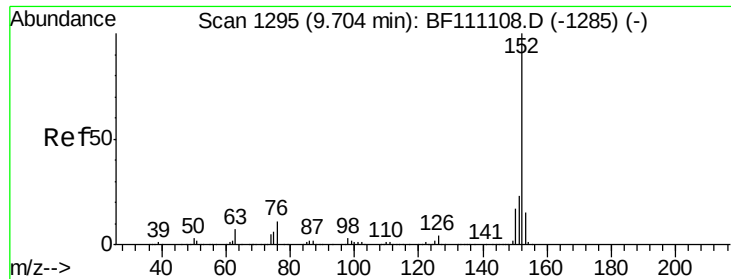
#48
 2-Nitroaniline
 Concen: 40.372 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: BF111141.D
 Acq: 6 Dec 2018 16:38

Tgt Ion: 65 Resp: 941664
 Ion Ratio Lower Upper
 65 100
 92 65.3 52.1 78.1
 138 101.8 78.2 117.4



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: 37.941 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.00 min

Lab File: BF111141.D

Acq: 6 Dec 2018 16:38

Instrument :

BNA_F

ClientSampleId :

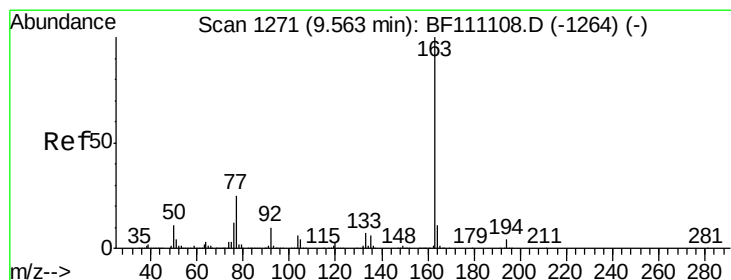
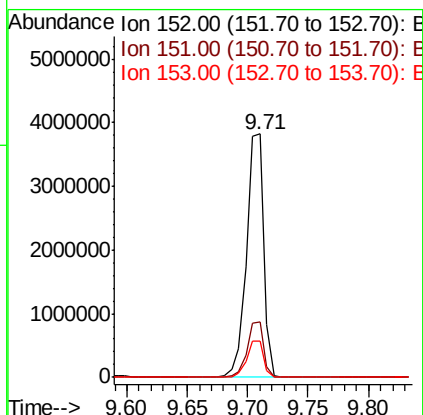
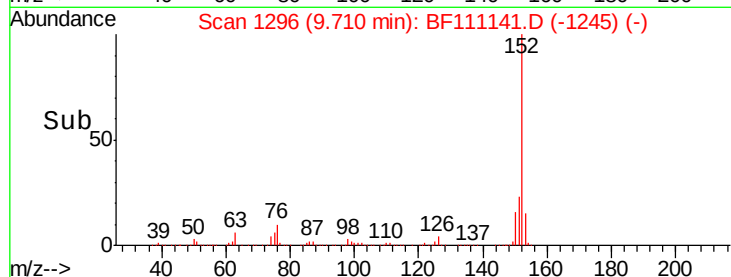
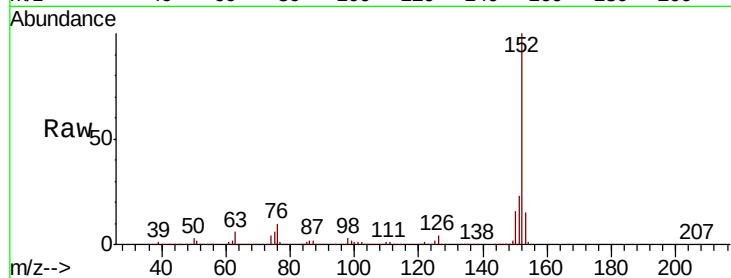
Tot Ion:152 Resp: 3817071

Ion Ratio Lower Upper

152 100

151 22.7 18.3 27.5

153 14.8 11.8 17.8



#50

Dimethylphthalate

Concen: 37.330 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BF111141.D

Acq: 6 Dec 2018 16:38

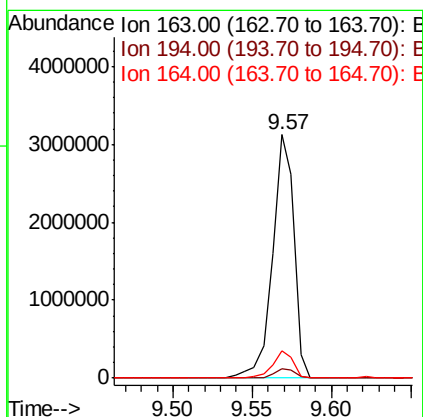
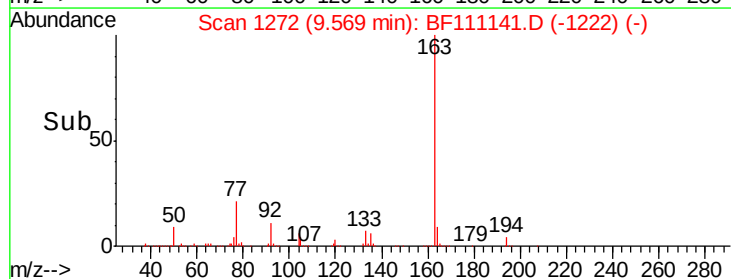
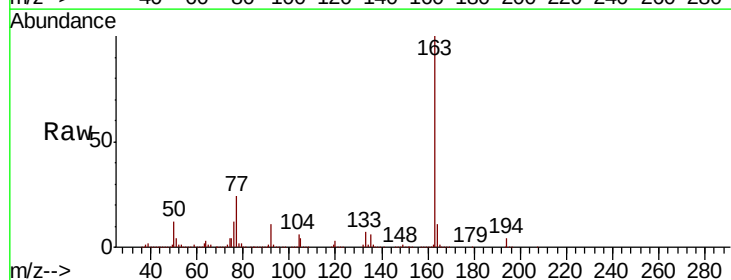
Tgt Ion:163 Resp: 2939518

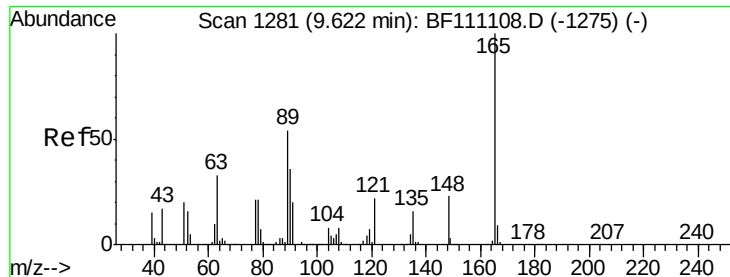
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

164 11.0 8.9 13.3

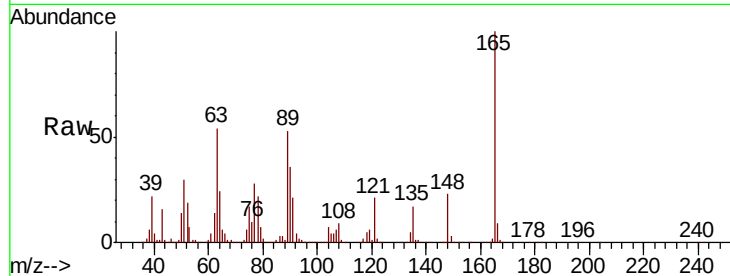




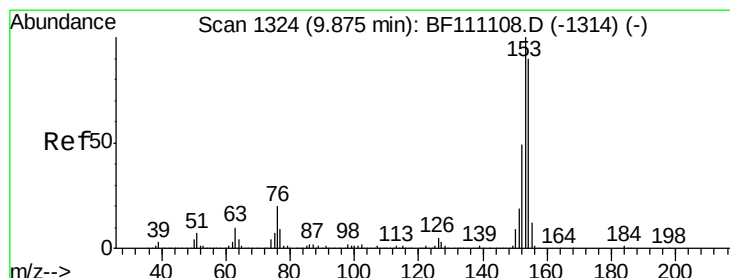
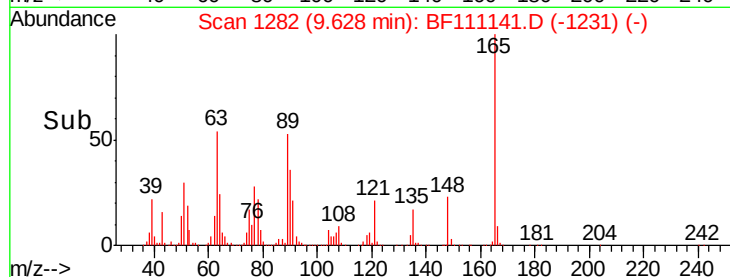
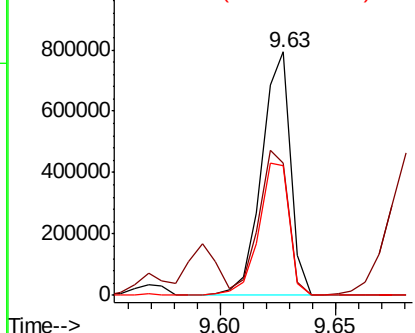
#51
2,6-Dinitrotoluene
Concen: 41.415 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 691427
Ion Ratio Lower Upper
165 100
63 54.1 44.7 67.1
89 53.4 43.0 64.4

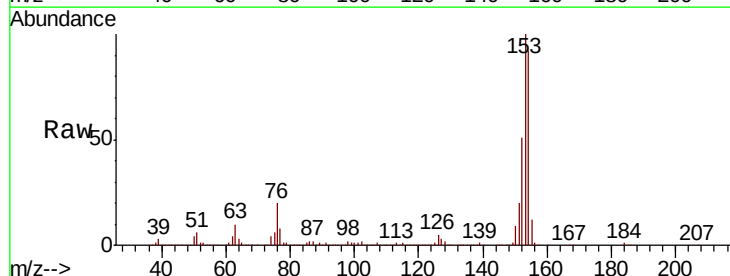


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

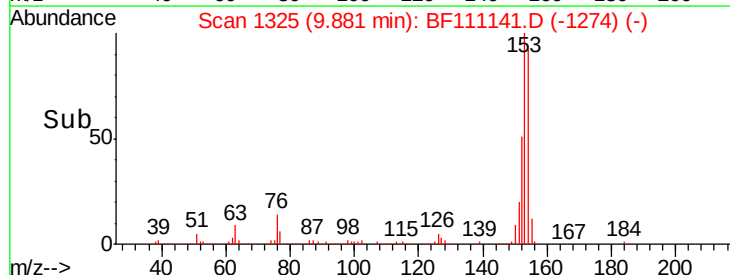
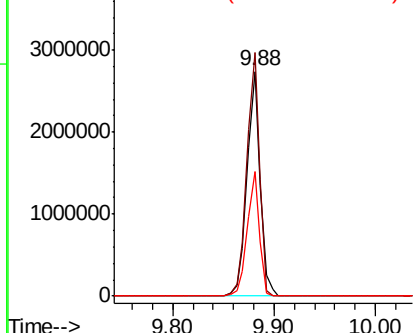


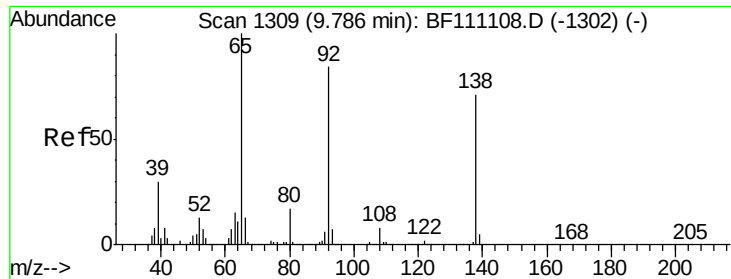
#52
Acenaphthene
Concen: 37.327 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

Tgt Ion:154 Resp: 2480910
Ion Ratio Lower Upper
154 100
153 108.2 88.7 133.1
152 55.6 43.8 65.8



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

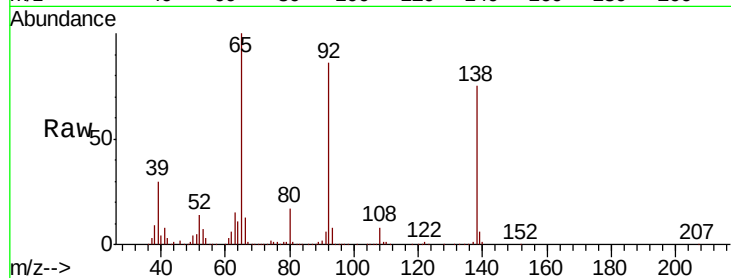




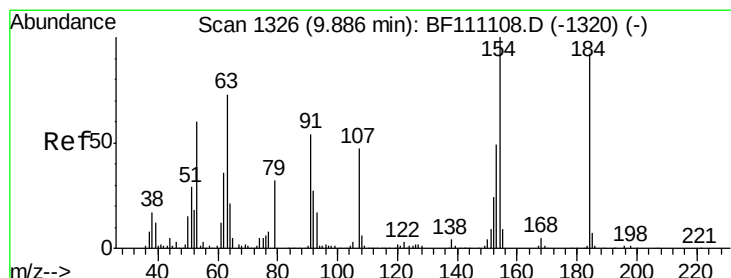
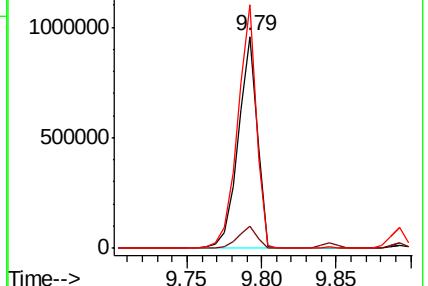
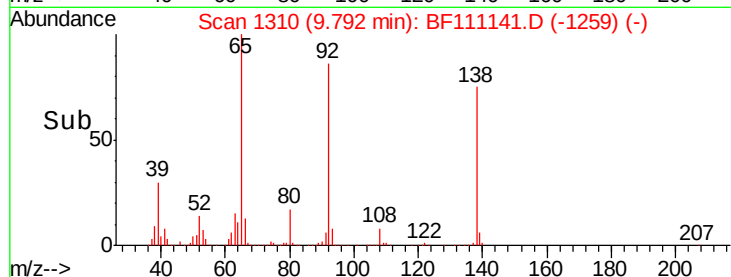
#53
3-Nitroaniline
Concen: 40.862 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 856907
Ion Ratio Lower Upper
138 100
108 10.5 9.4 14.0
92 114.7 94.1 141.1

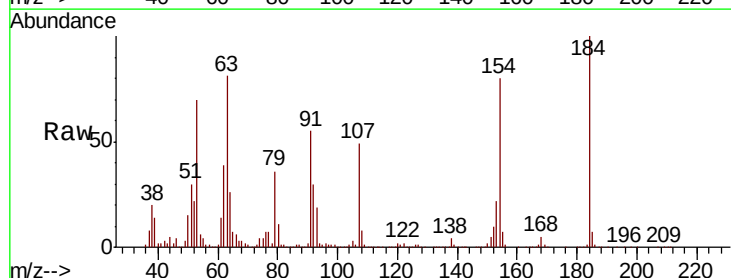


Abundance Ion 138.00 (137.70 to 138.70): E
1500000
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

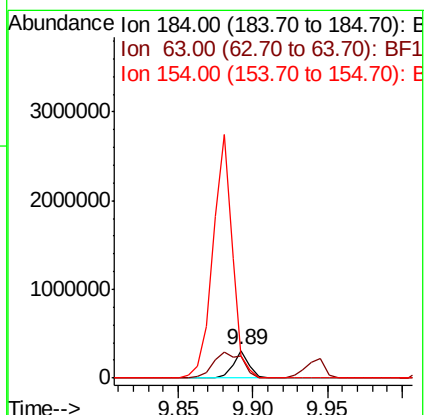
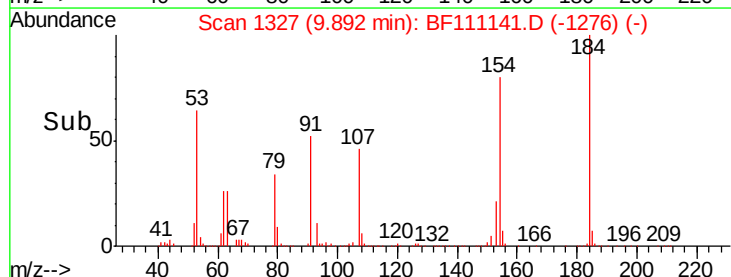


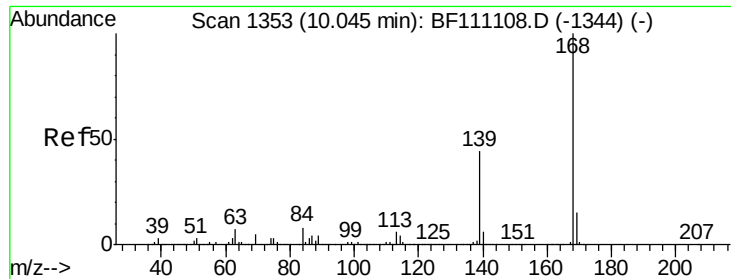
#54
2,4-Dinitrophenol
Concen: 46.336 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

Tgt Ion:184 Resp: 229086
Ion Ratio Lower Upper
184 100
63 80.9 64.2 96.4
154 79.9 89.5 134.3#



Abundance Ion 184.00 (183.70 to 184.70): E
3000000
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

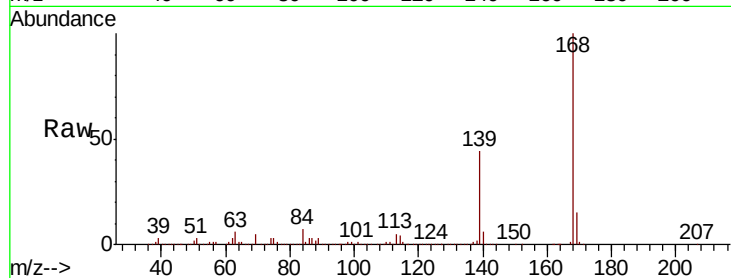




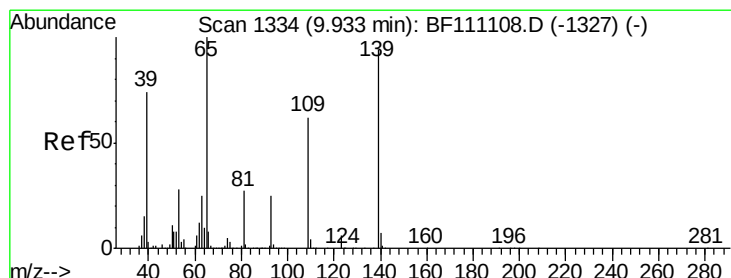
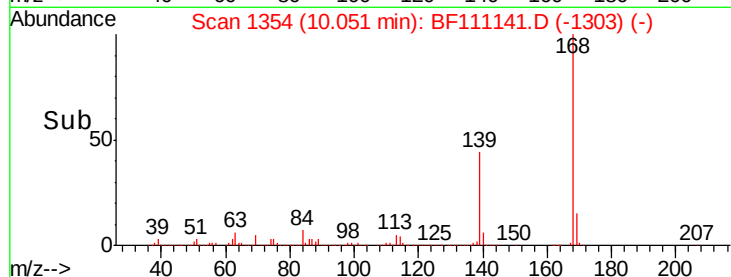
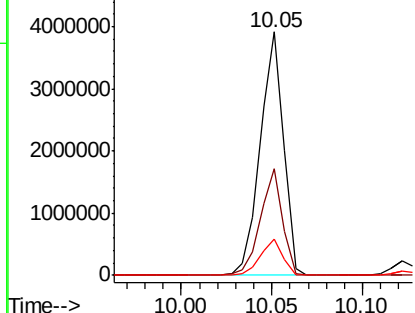
#55
Dibenzofuran
Concen: 38.208 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 3497788
Ion Ratio Lower Upper
168 100
139 44.0 35.1 52.7
169 15.1 12.2 18.4

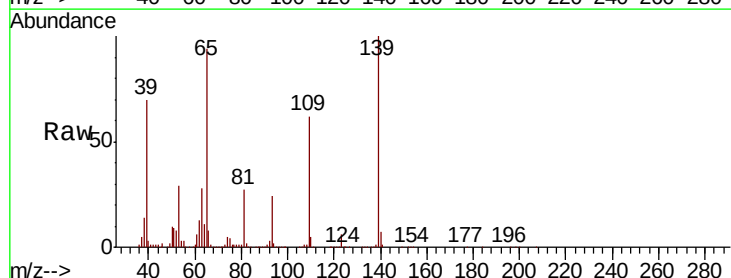


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

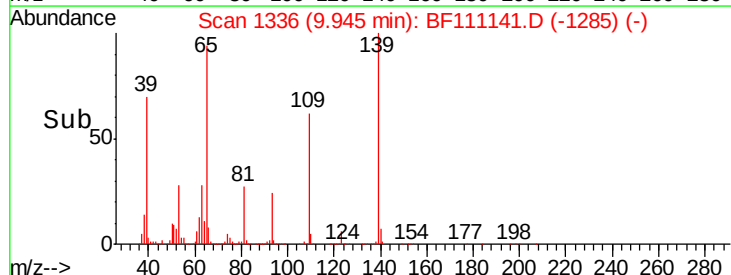
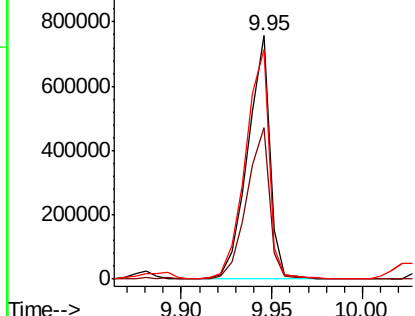


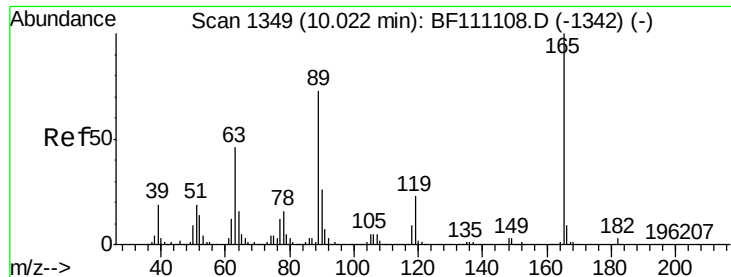
#56
4-Nitrophenol
Concen: 40.681 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

Tgt Ion:139 Resp: 642878
Ion Ratio Lower Upper
139 100
109 62.5 46.1 86.1
65 94.3 87.0 127.0



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

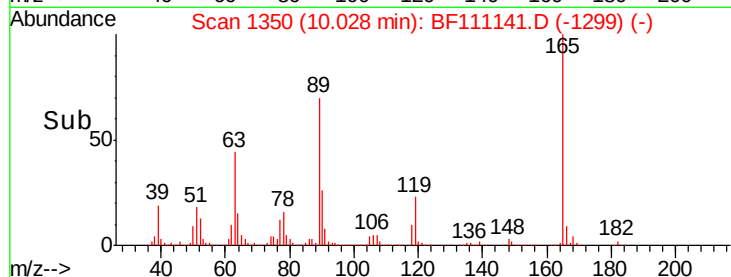
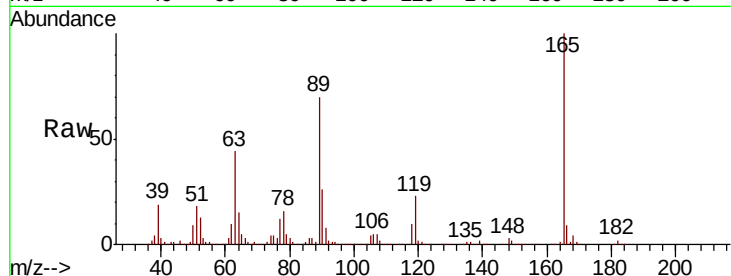




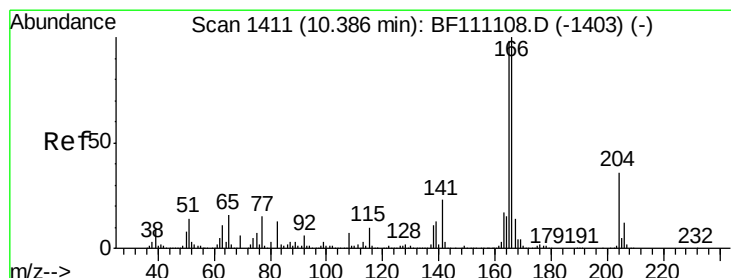
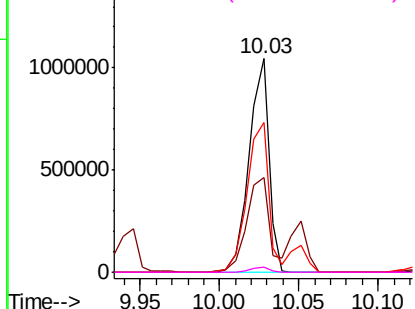
#57
2,4-Dinitrotoluene
Concen: 42.063 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 906948
Ion Ratio Lower Upper
165 100
63 44.3 36.7 55.1
89 70.2 58.4 87.6
182 2.3 2.1 3.1

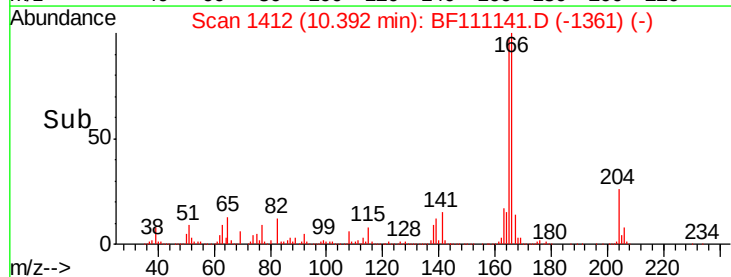
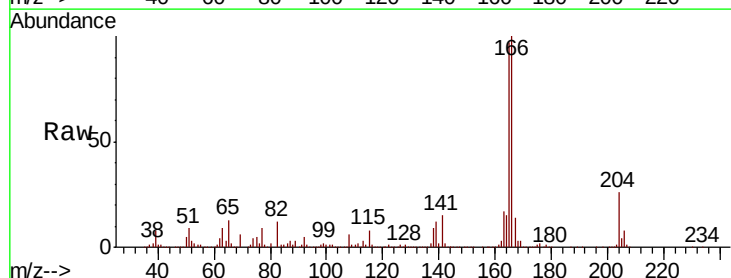


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

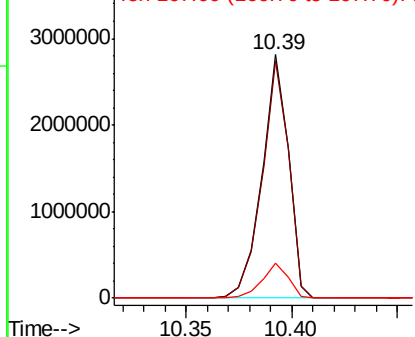


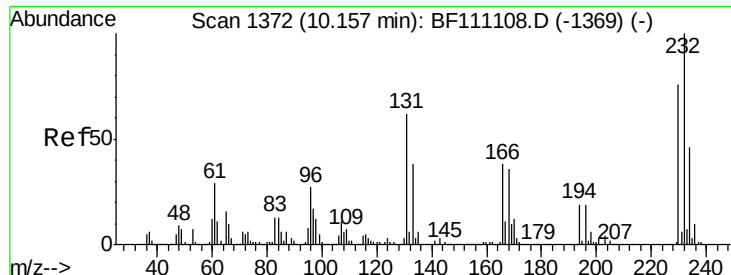
#58
Fluorene
Concen: 38.165 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

Tgt Ion:166 Resp: 2463727
Ion Ratio Lower Upper
166 100
165 97.4 78.4 117.6
167 14.4 11.4 17.2



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

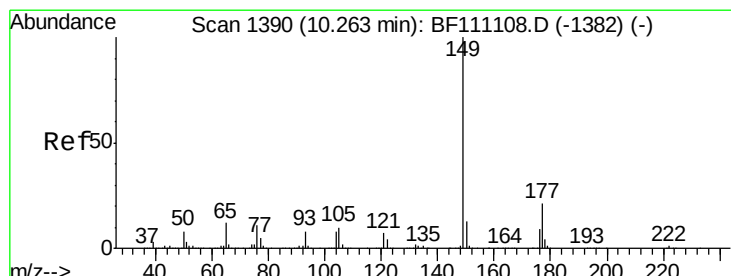
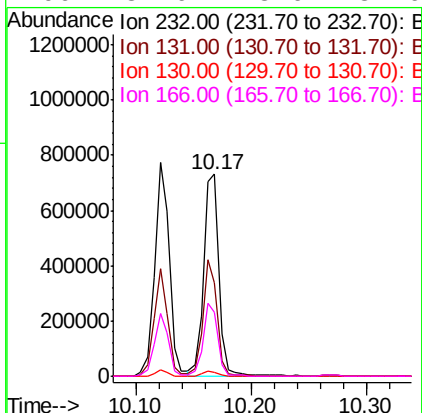
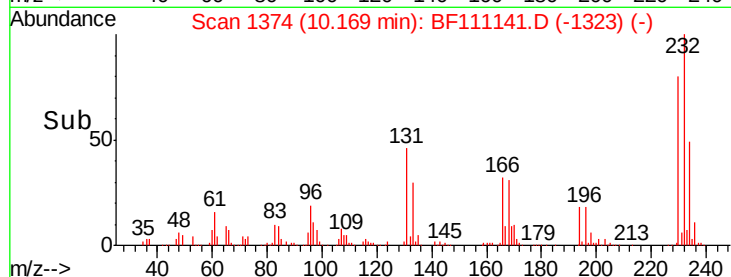
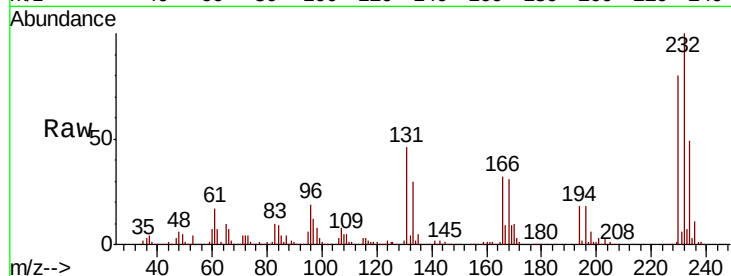




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.395 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. 0.00 min
 Lab File: BF111141.D
 Acq: 6 Dec 2018 16:38

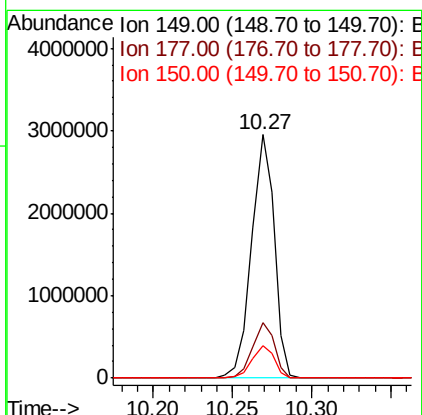
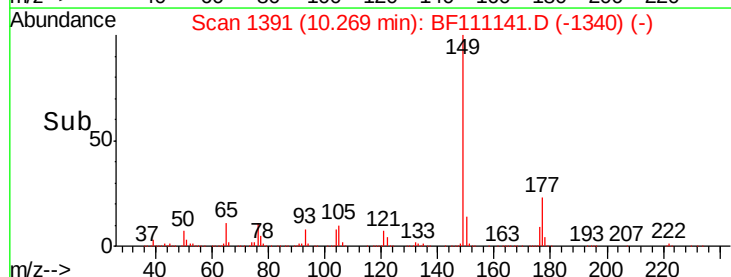
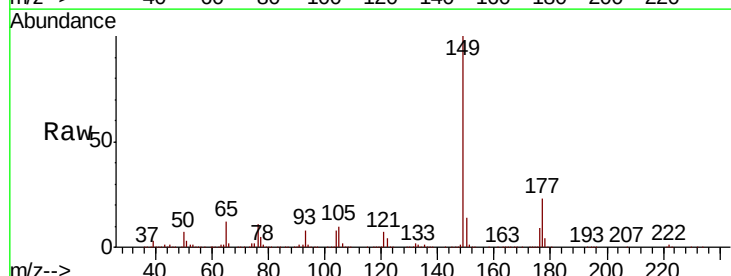
Instrument :
 BNA_F
 ClientSampled :

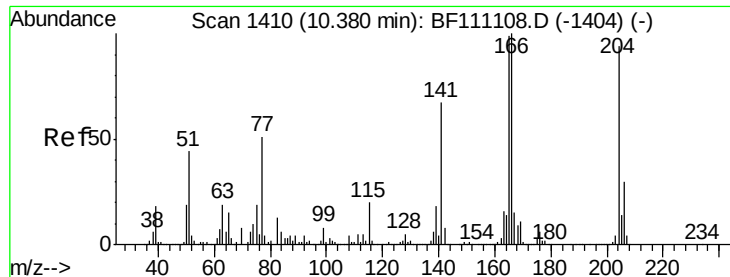
Tot Ion:232 Resp: 673112
 Ion Ratio Lower Upper
 232 100
 131 53.2 40.4 60.6
 130 2.5 2.1 3.1
 166 34.6 23.0 34.6



#60
 Diethylphthalate
 Concen: 37.429 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: BF111141.D
 Acq: 6 Dec 2018 16:38

Tgt Ion:149 Resp: 2945426
 Ion Ratio Lower Upper
 149 100
 177 22.6 17.0 25.6
 150 13.5 10.5 15.7

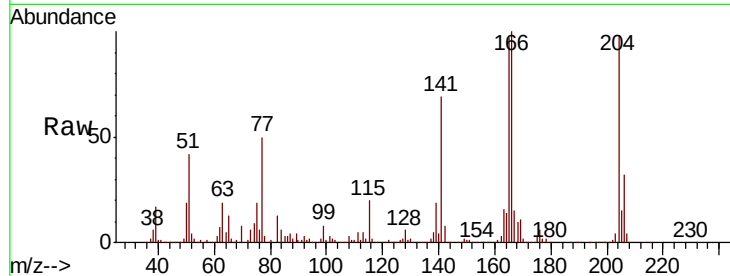




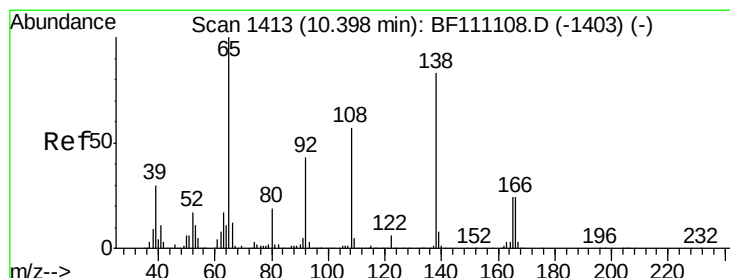
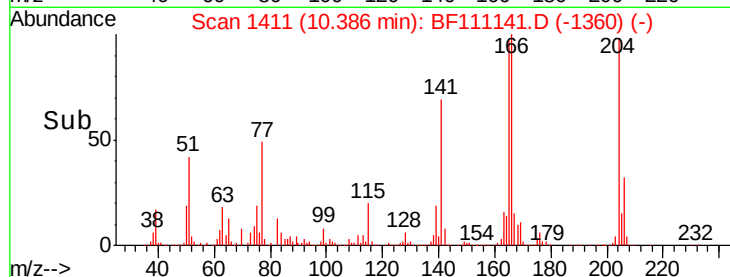
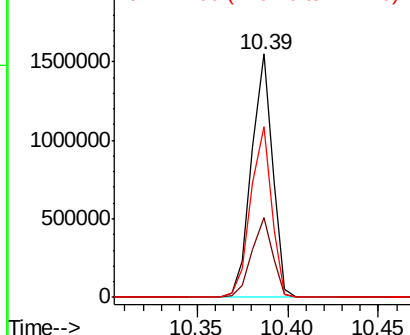
#61
4-Chlorophenyl-phenylether
Concen: 39.465 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 125538
Ion Ratio Lower Upper
204 100
206 32.7 25.9 38.9
141 69.9 57.4 86.0

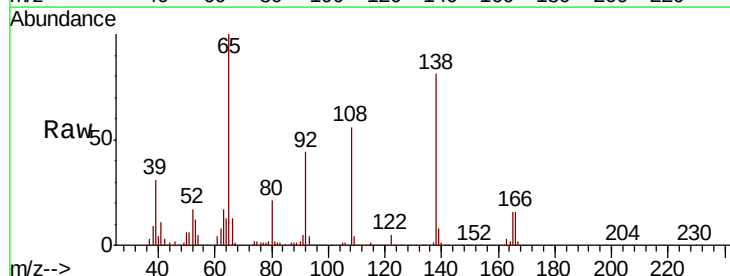


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

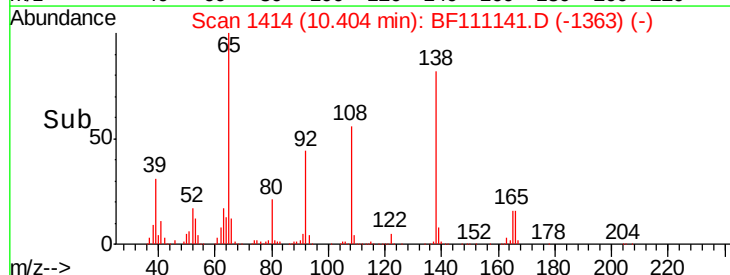
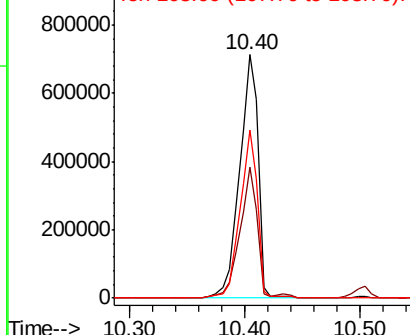


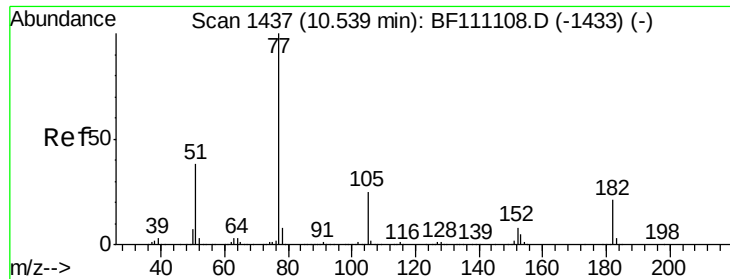
#62
4-Nitroaniline
Concen: 41.827 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

Tgt Ion:138 Resp: 791653
Ion Ratio Lower Upper
138 100
92 53.8 31.6 71.6
108 69.1 48.3 88.3



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





#63

Azobenzene

Concen: 36.516 ng

RT: 10.55 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BF111141.D

Acq: 6 Dec 2018 16:38

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 3059350

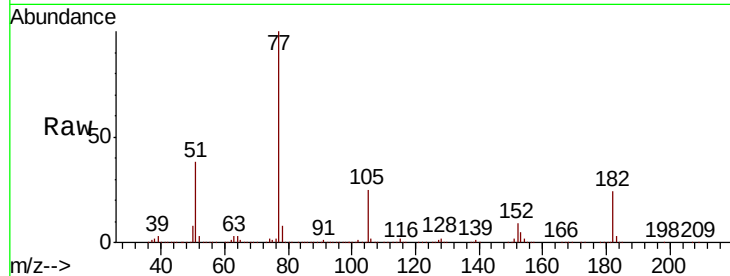
Ion	Ratio	Lower	Upper
77	100		
182	24.5	1.4	41.4
105	25.1	4.7	44.7
51	37.9	18.0	58.0

77 100

182 24.5 1.4 41.4

105 25.1 4.7 44.7

51 37.9 18.0 58.0



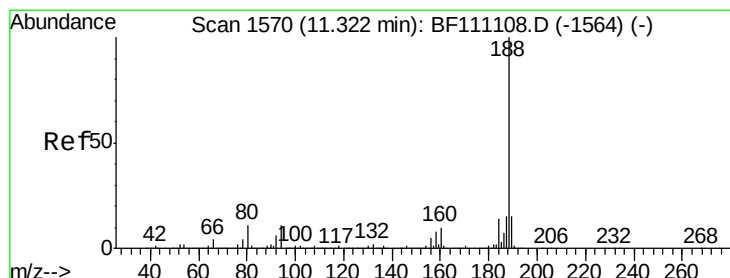
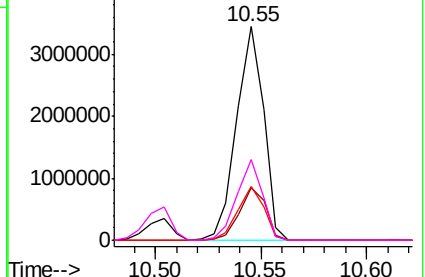
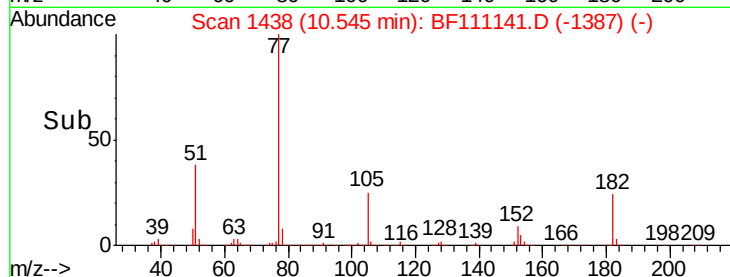
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BF111141.D

Acq: 6 Dec 2018 16:38

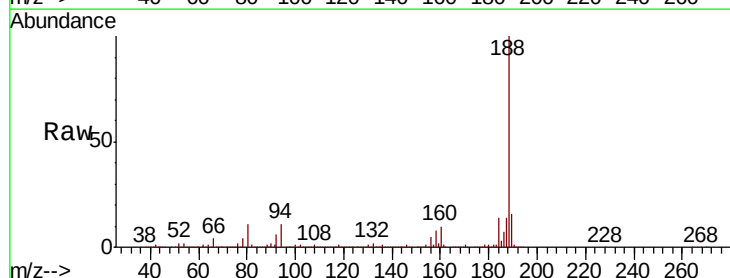
Tgt Ion: 188 Resp: 1916520

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.5	12.7
80	11.2	9.0	13.6

188 100

94 10.7 8.5 12.7

80 11.2 9.0 13.6

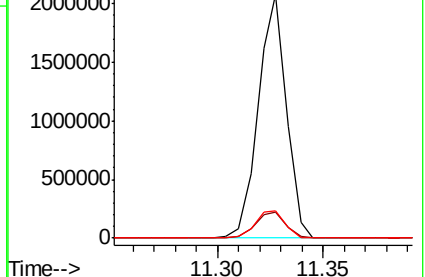
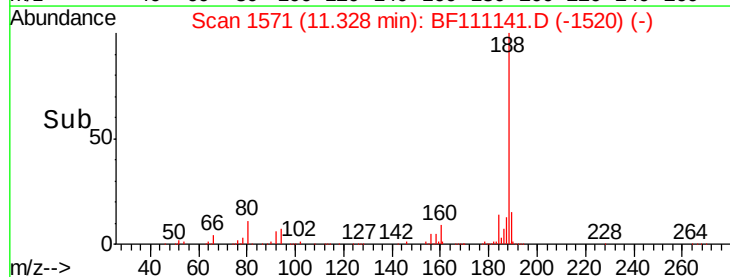


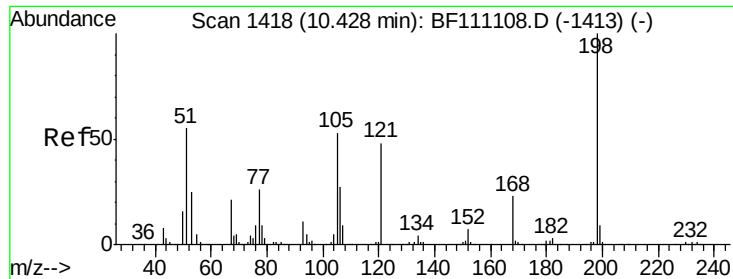
Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Time-->

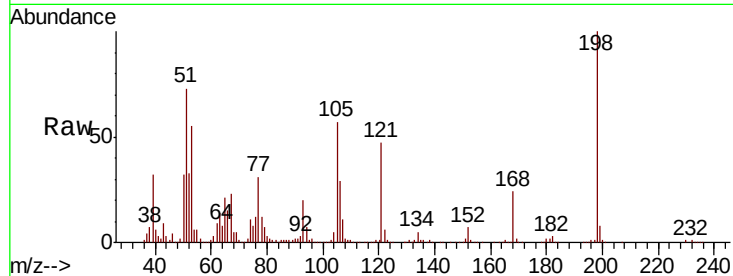




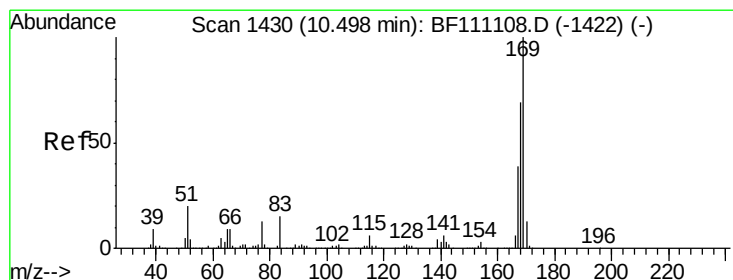
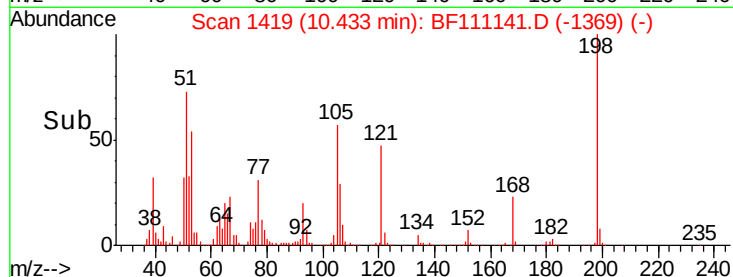
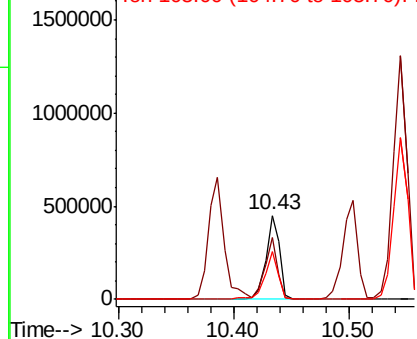
#65
4,6-Dinitro-2-methylphenol
Concen: 47.713 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 377786
Ion Ratio Lower Upper
198 100
51 73.5 48.8 88.8
105 56.7 35.2 75.2

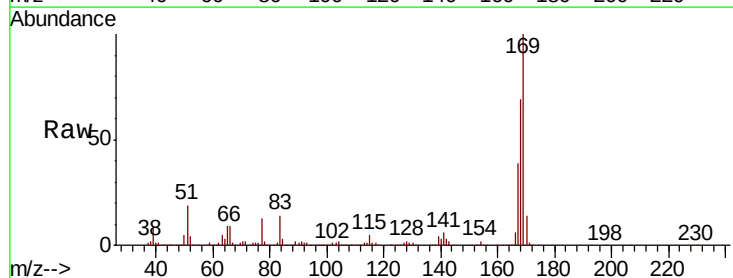


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

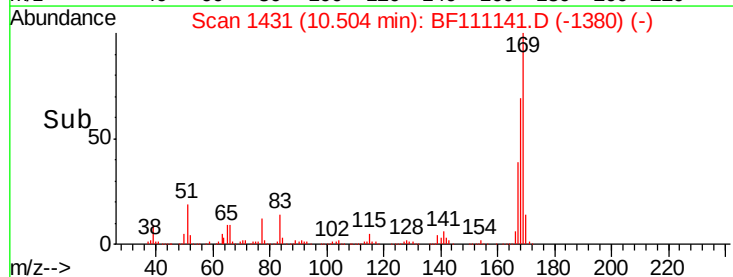
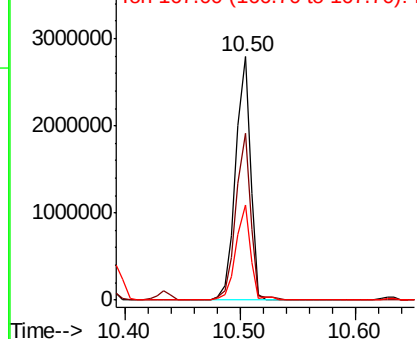


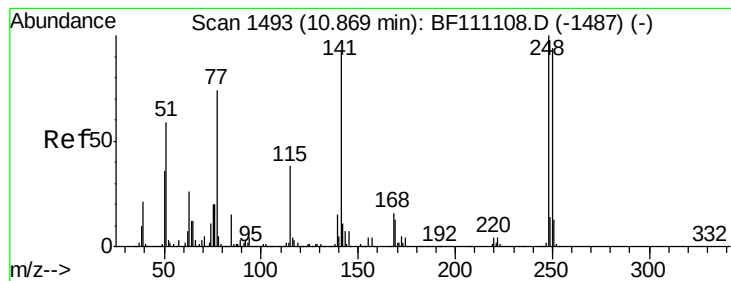
#66
n-Nitrosodiphenylamine
Concen: 37.051 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

Tgt Ion:169 Resp: 2486429
Ion Ratio Lower Upper
169 100
168 68.6 55.4 83.2
167 39.3 31.1 46.7



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: 38.701 ng

RT: 10.87 min Scan# 1494

Delta R.T. 0.00 min

Lab File: BF111141.D

Acq: 6 Dec 2018 16:38

Instrument :

BNA_F

ClientSampled :

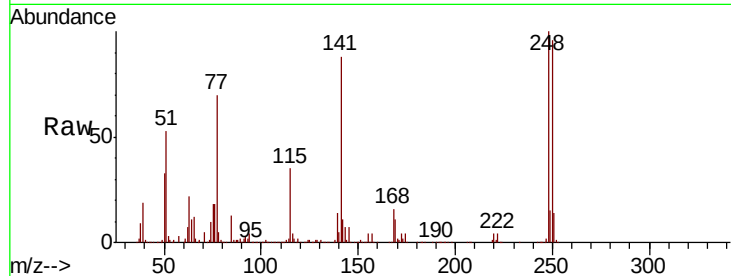
Tot Ion:248 Resp: 785154

Ion Ratio Lower Upper

248 100

250 95.9 75.4 113.0

141 87.6 73.8 110.6

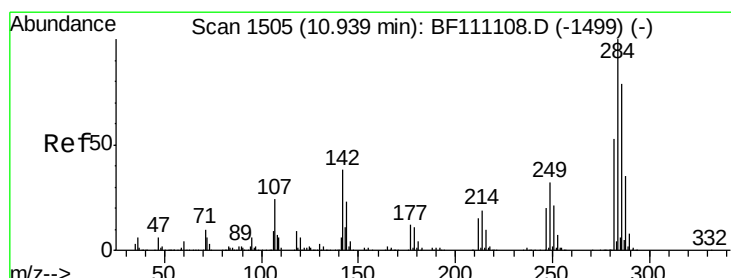
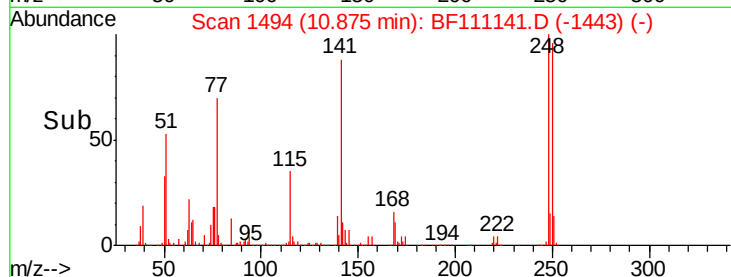
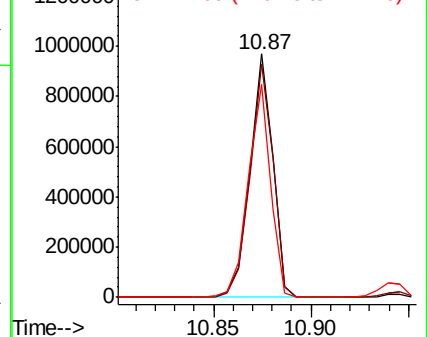


Abundance

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: 38.590 ng

RT: 10.95 min Scan# 1506

Delta R.T. 0.00 min

Lab File: BF111141.D

Acq: 6 Dec 2018 16:38

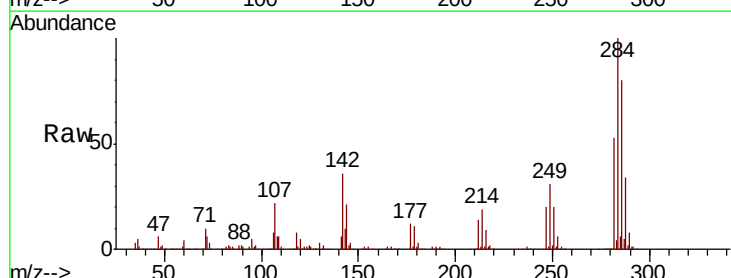
Tgt Ion:284 Resp: 800524

Ion Ratio Lower Upper

284 100

142 35.8 30.2 45.2

249 31.2 25.3 37.9

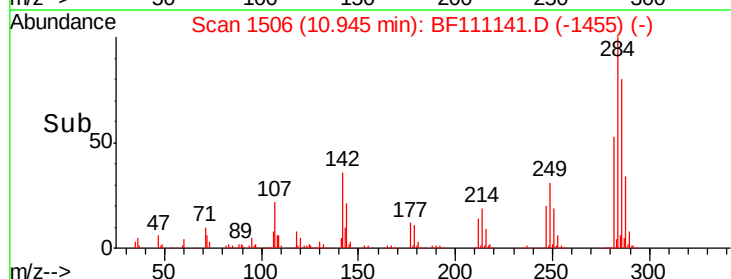
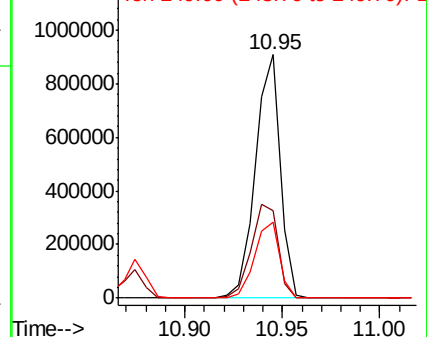


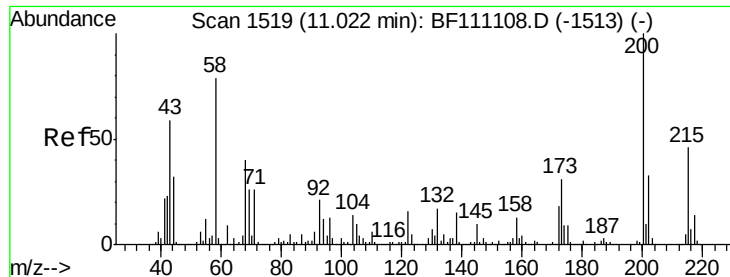
Abundance

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

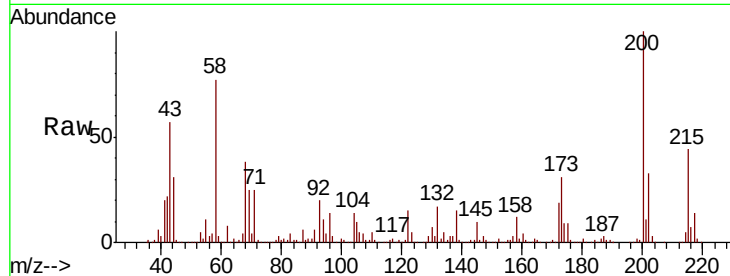




#69
 Atrazine
 Concen: 36.383 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. -0.01 min
 Lab File: BF111141.D
 Acq: 6 Dec 2018 16:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	30.6	11.3	51.3
215	44.0	25.9	65.9

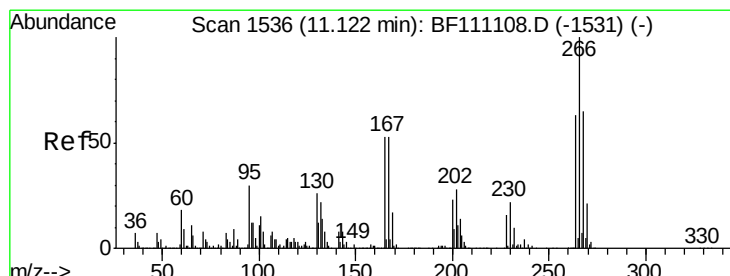
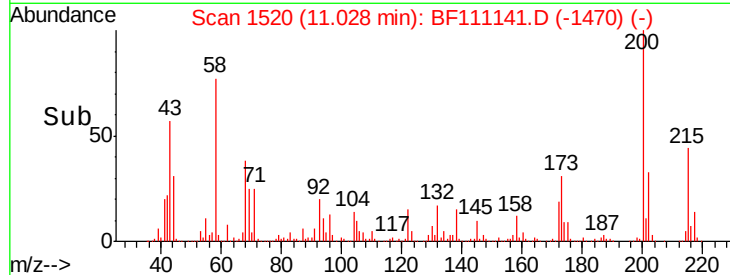
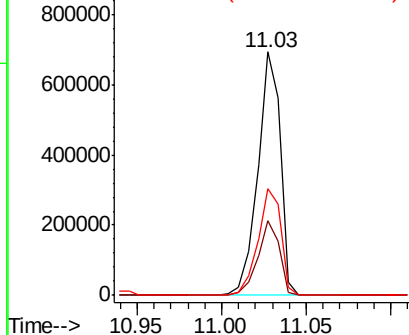


Abundance

Ion 200.00 (199.70 to 200.70): E

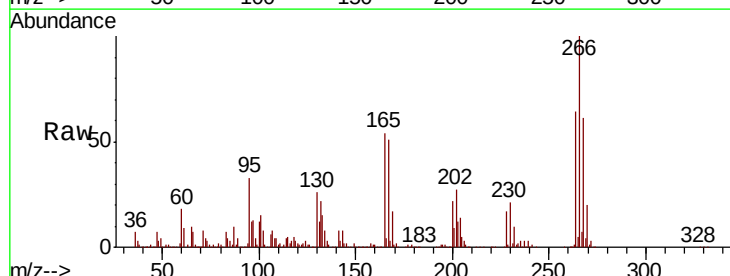
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 40.768 ng
 RT: 11.13 min Scan# 1537
 Delta R.T. -0.01 min
 Lab File: BF111141.D
 Acq: 6 Dec 2018 16:38

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.0	52.2	78.4
264	64.1	50.8	76.2

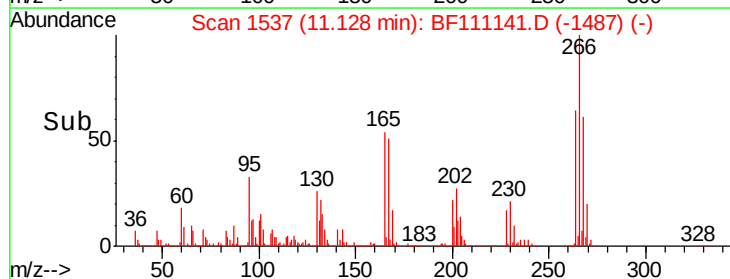
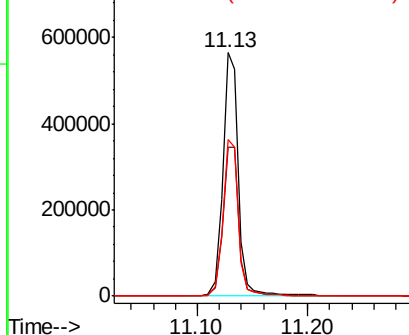


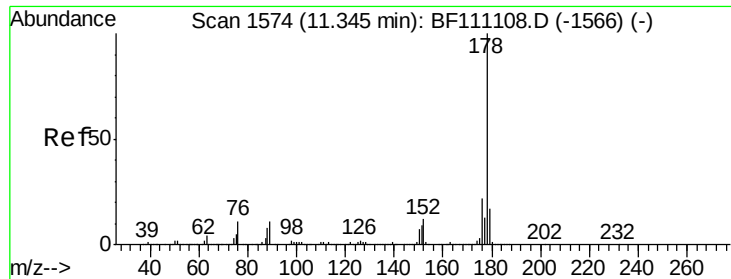
Abundance

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

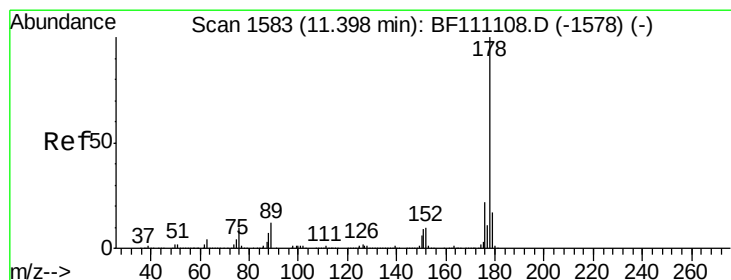
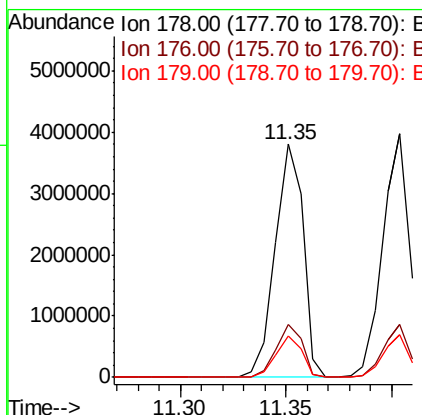
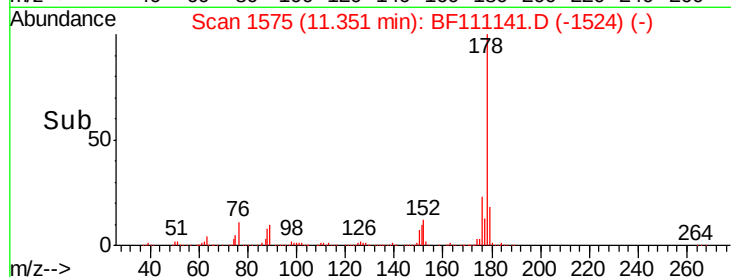
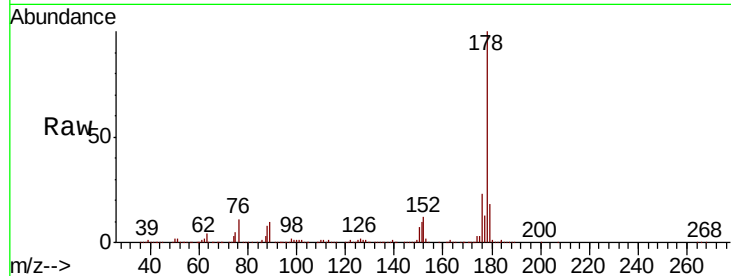




#71
Phenanthrene
Concen: 38.122 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

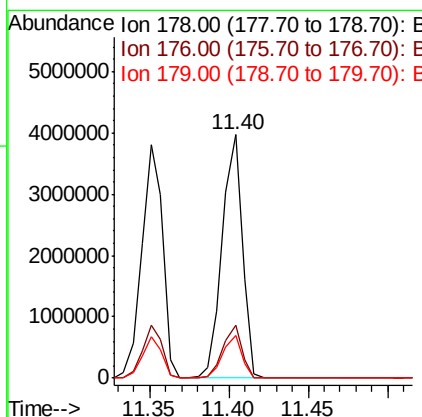
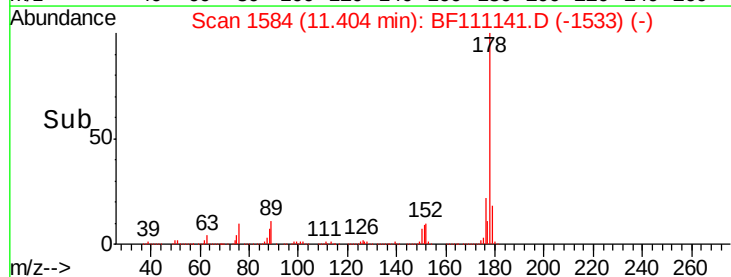
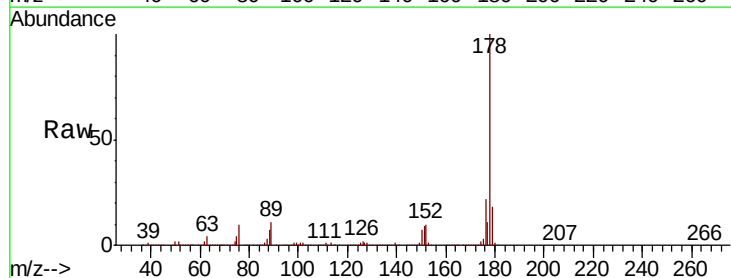
Instrument :
BNA_F
ClientSampled :

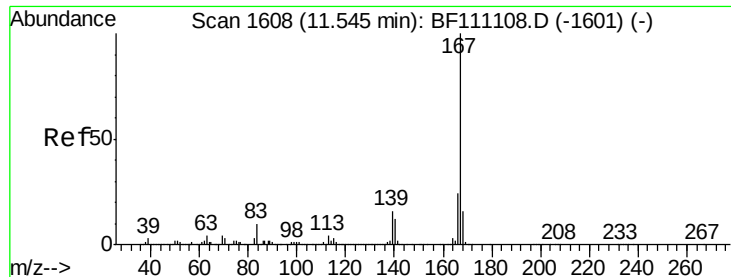
Tot Ion:178 Resp: 3514348
Ion Ratio Lower Upper
178 100
176 22.6 17.7 26.5
179 17.7 14.0 21.0



#72
Anthracene
Concen: 37.926 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

Tgt Ion:178 Resp: 3524270
Ion Ratio Lower Upper
178 100
176 21.7 17.3 25.9
179 17.7 13.8 20.8

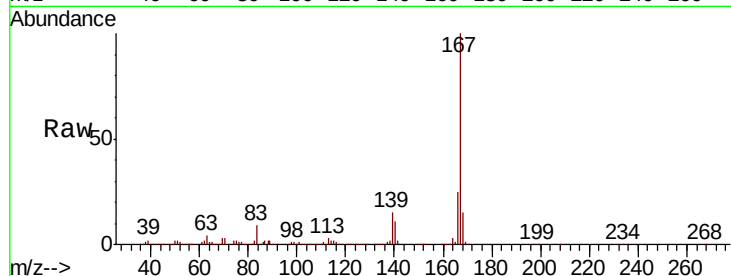




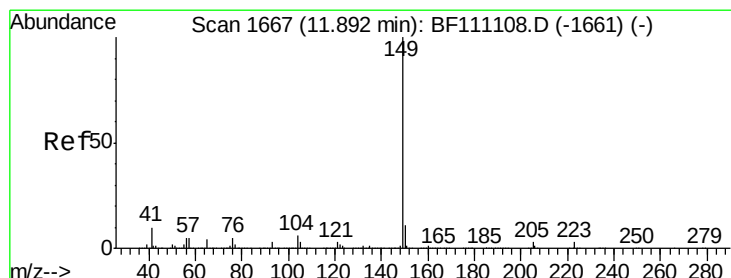
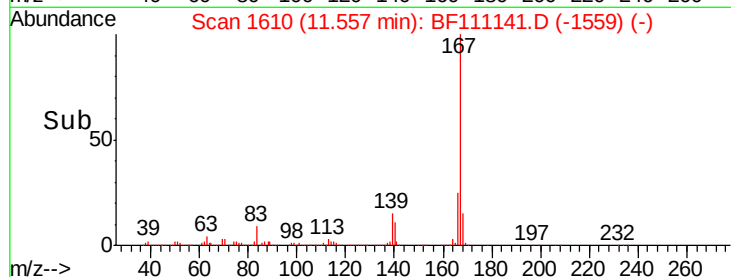
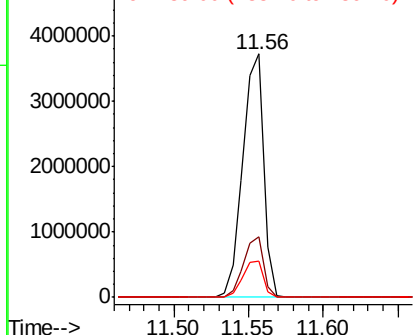
#73
 Carbazole
 Concen: 37.625 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. 0.00 min
 Lab File: BF111141.D
 Acq: 6 Dec 2018 16:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 3638071
 Ion Ratio Lower Upper
 167 100
 166 24.9 19.4 29.0
 139 15.1 12.6 18.8

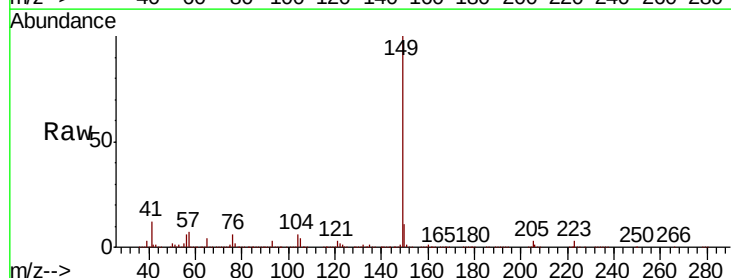


Abundance Ion 167.00 (166.70 to 167.70): E
 5000000 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

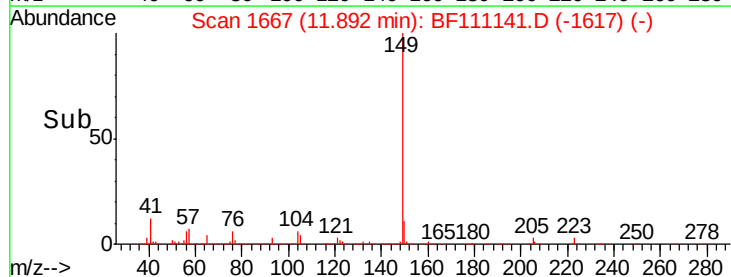
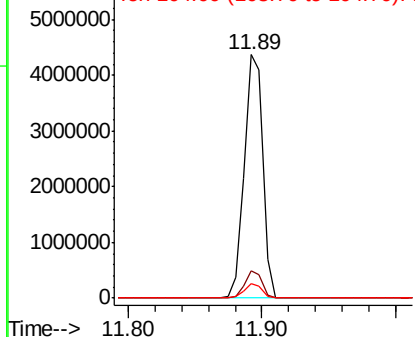


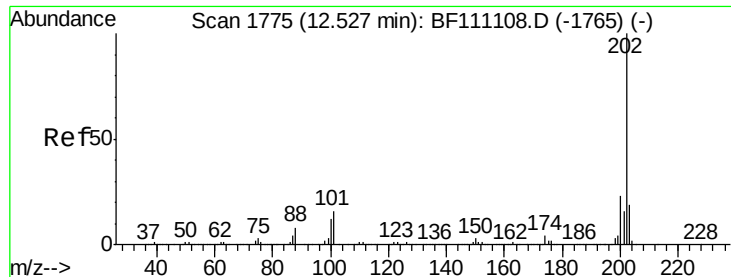
#74
 Di-n-butylphthalate
 Concen: 36.648 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. -0.01 min
 Lab File: BF111141.D
 Acq: 6 Dec 2018 16:38

Tgt Ion:149 Resp: 4148048
 Ion Ratio Lower Upper
 149 100
 150 11.1 8.6 12.8
 104 5.9 4.5 6.7



Abundance Ion 149.00 (148.70 to 149.70): E
 6000000 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 38.296 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.00 min

Lab File: BF111141.D

Acq: 6 Dec 2018 16:38

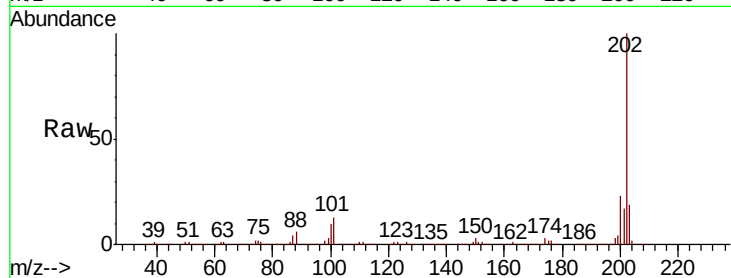
Instrument :

BNA_F

ClientSampled :

Tot Ion:202 Resp: 3454612

Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	35.8
203	19.0	0.0	38.6

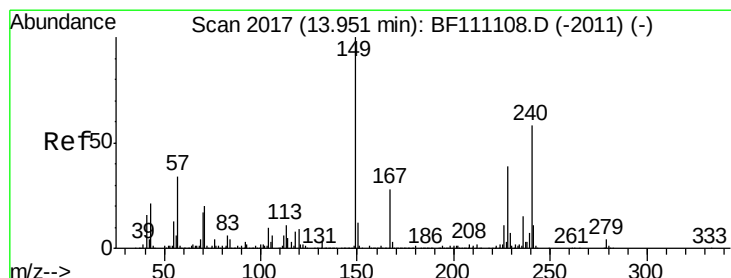
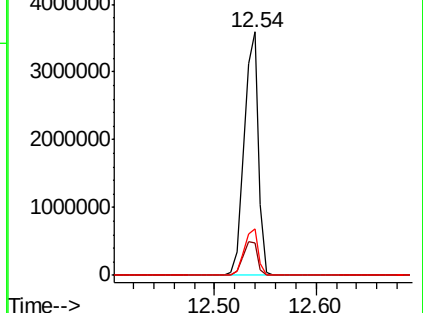
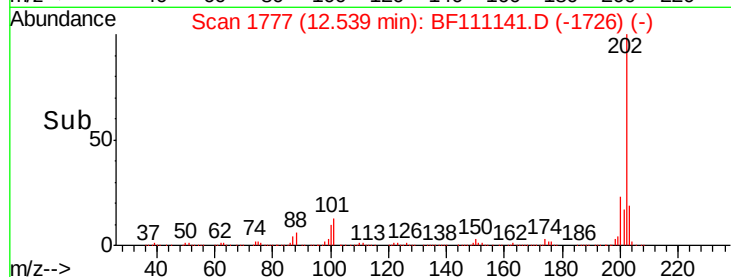


Abundance

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

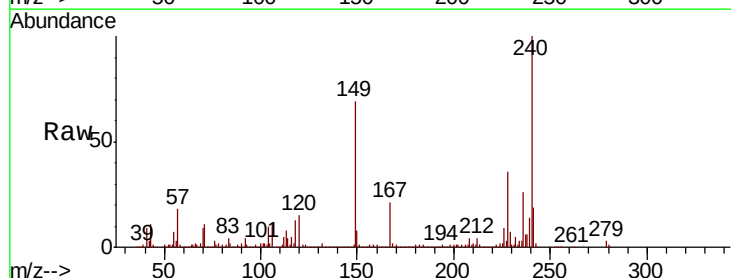
Delta R.T. -0.01 min

Lab File: BF111141.D

Acq: 6 Dec 2018 16:38

Tgt Ion:240 Resp: 1288284

Ion	Ratio	Lower	Upper
240	100		
120	15.0	12.8	19.2
236	26.5	21.1	31.7

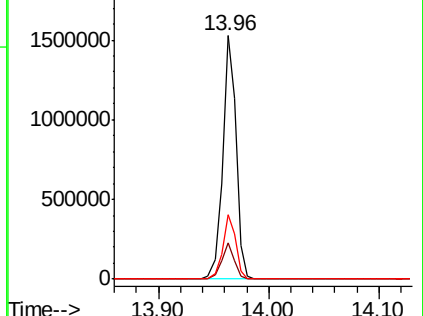
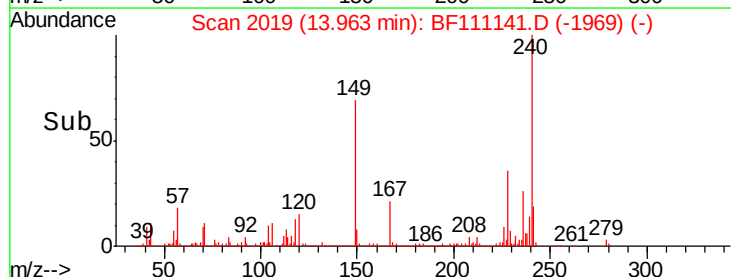


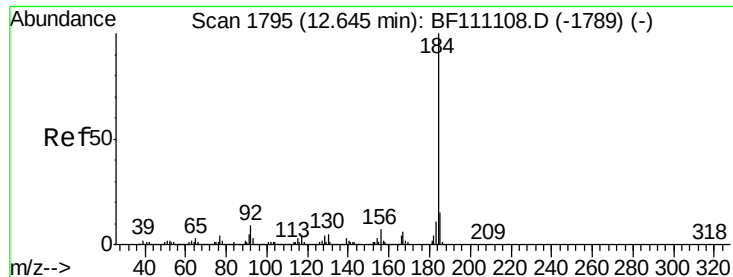
Abundance

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: 30.382 ng

RT: 12.65 min Scan# 1796

Delta R.T. -0.01 min

Lab File: BF111141.D

Acq: 6 Dec 2018 16:38

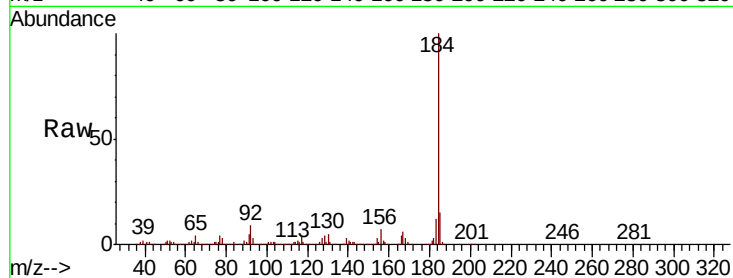
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 1296015

Ion	Ratio	Lower	Upper
184	100		
185	15.0	12.0	18.0
183	12.0	8.9	13.3

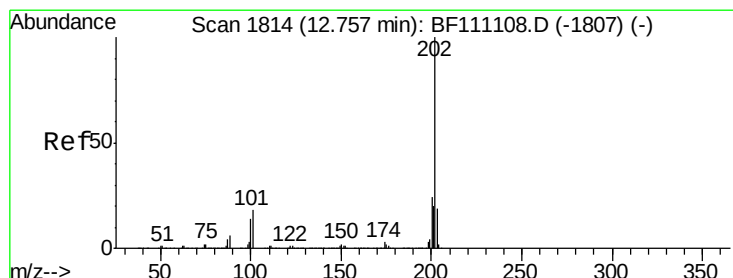
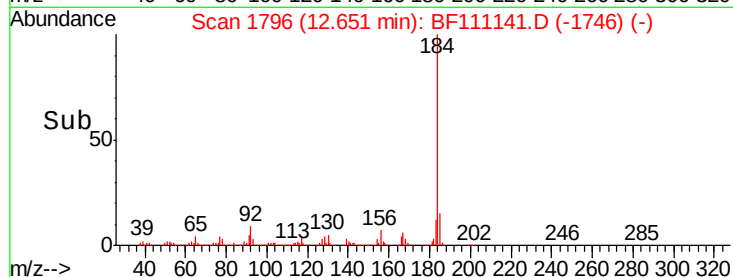
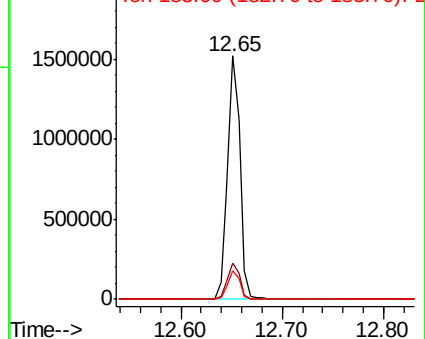


Abundance

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



#78

Pyrene

Concen: 35.636 ng

RT: 12.77 min Scan# 1816

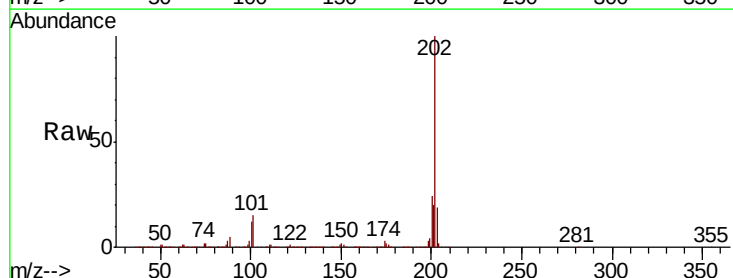
Delta R.T. 0.00 min

Lab File: BF111141.D

Acq: 6 Dec 2018 16:38

Tgt Ion:202 Resp: 3576636

Ion	Ratio	Lower	Upper
202	100		
200	24.0	19.3	28.9
203	18.7	15.4	23.2

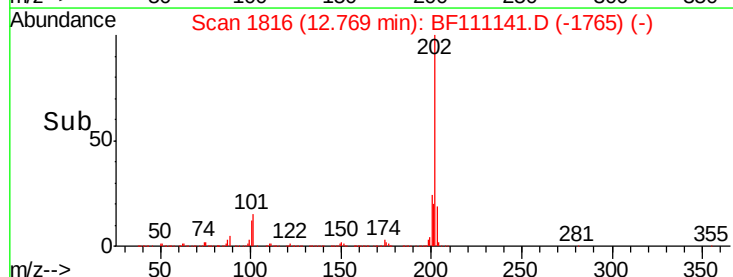
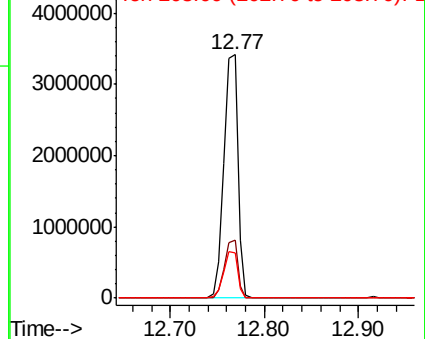


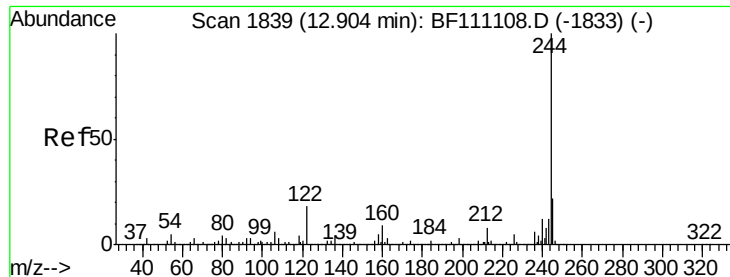
Abundance

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

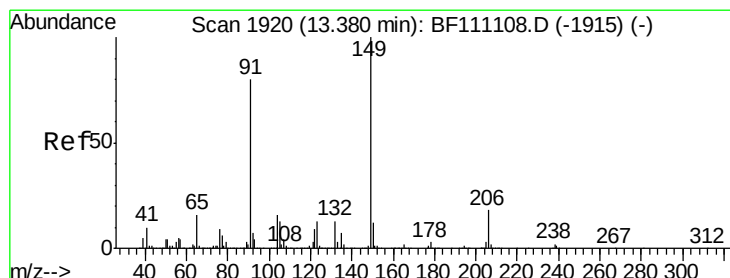
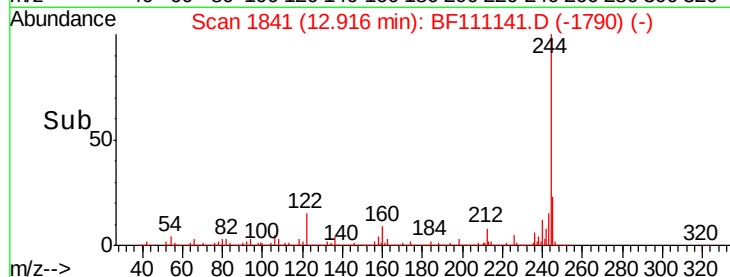
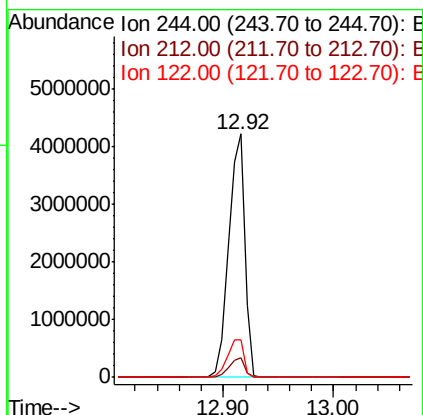
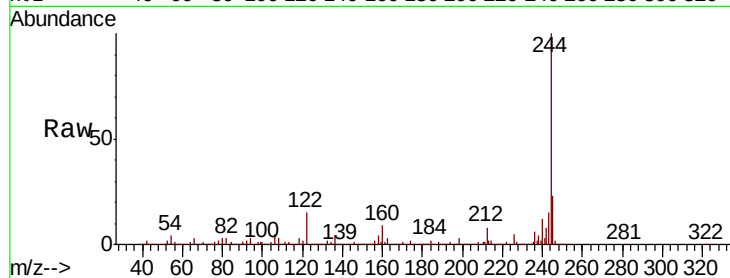




#79
 Terphenyl-d14
 Concen: 68.579 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BF111141.D
 Acq: 6 Dec 2018 16:38

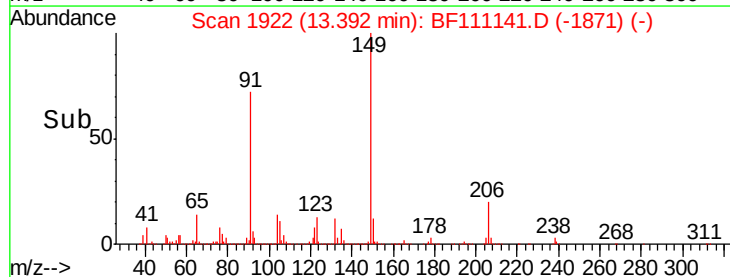
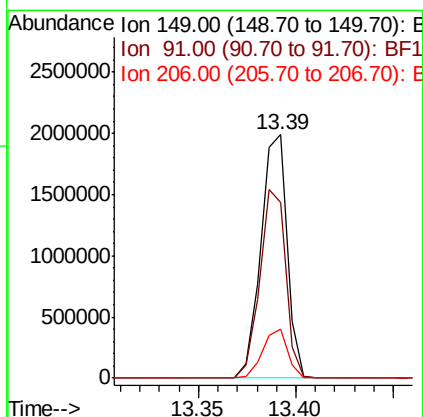
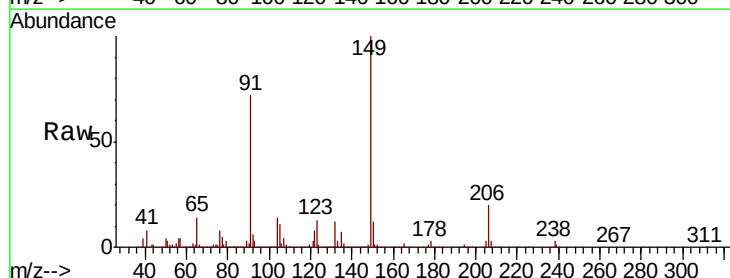
Instrument :
 BNA_F
 ClientSampleId :

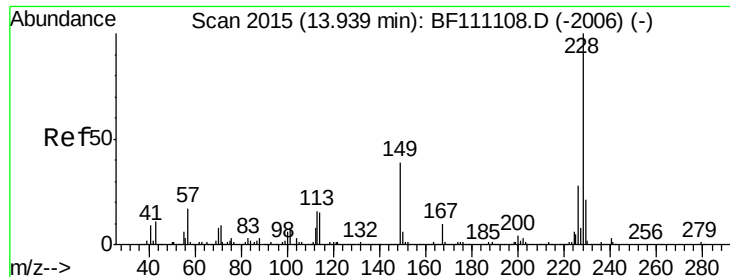
Tot Ion:244 Resp: 4313936
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.6 9.8
 122 15.2 14.2 21.2



#80
 Butylbenzylphthalate
 Concen: 38.345 ng
 RT: 13.39 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: BF111141.D
 Acq: 6 Dec 2018 16:38

Tgt Ion:149 Resp: 1859197
 Ion Ratio Lower Upper
 149 100
 91 72.1 64.0 96.0
 206 20.3 14.1 21.1





#81

Benzo(a)anthracene

Concen: 36.304 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BF111141.D

Acq: 6 Dec 2018 16:38

Instrument :

BNA_F

ClientSampled :

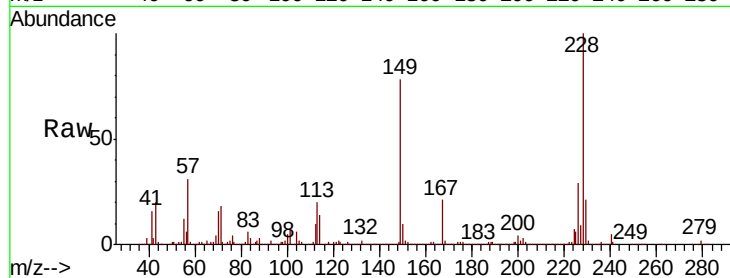
Tot Ion:228 Resp: 2740266

Ion Ratio Lower Upper

228 100

226 29.3 22.6 34.0

229 20.8 16.7 25.1

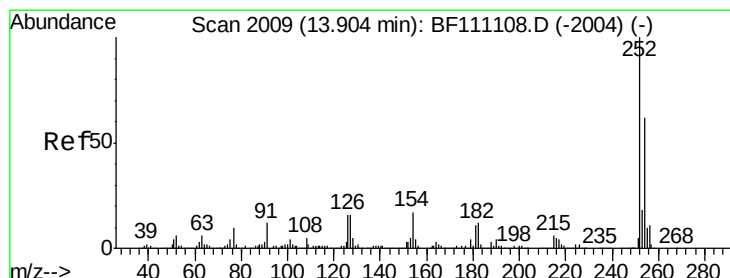
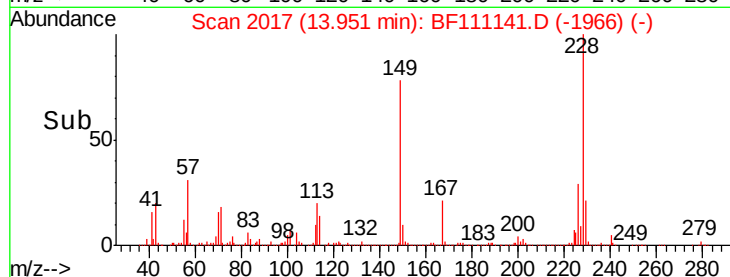
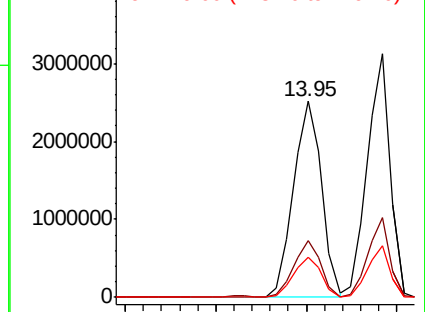


Abundance

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: 38.087 ng

RT: 13.92 min Scan# 2011

Delta R.T. 0.00 min

Lab File: BF111141.D

Acq: 6 Dec 2018 16:38

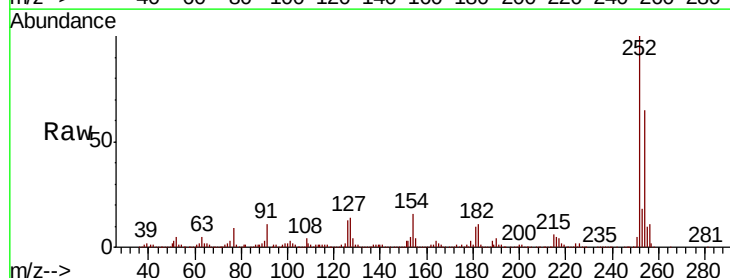
Tgt Ion:252 Resp: 1084925

Ion Ratio Lower Upper

252 100

254 64.9 49.8 74.8

126 13.1 12.9 19.3

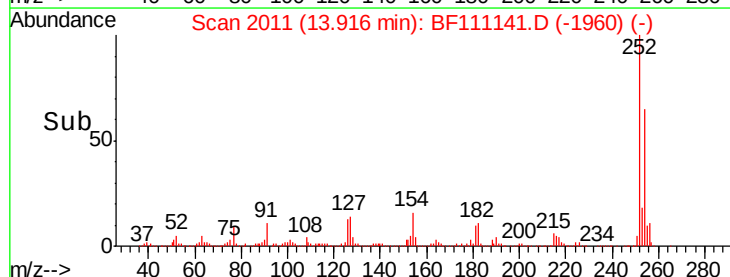
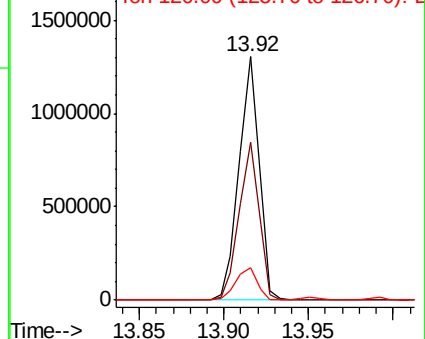


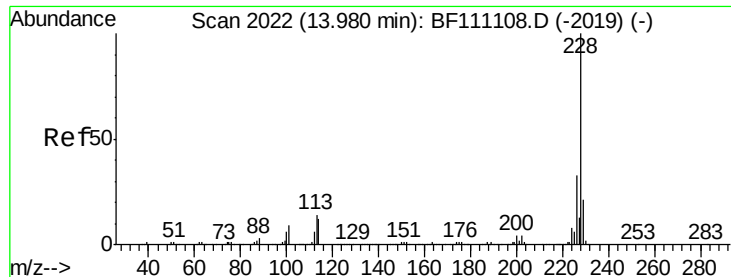
Abundance

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

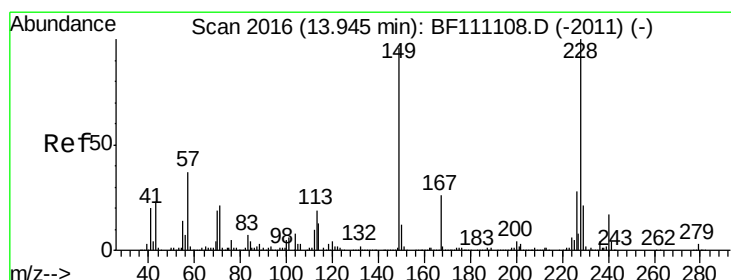
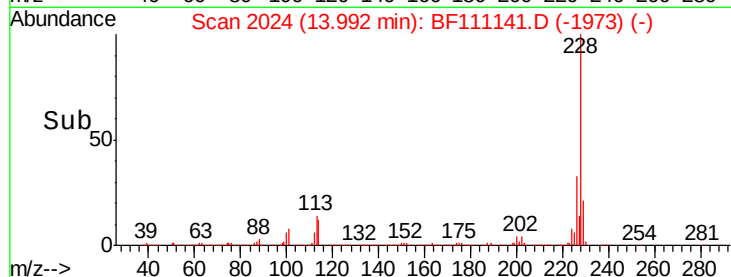
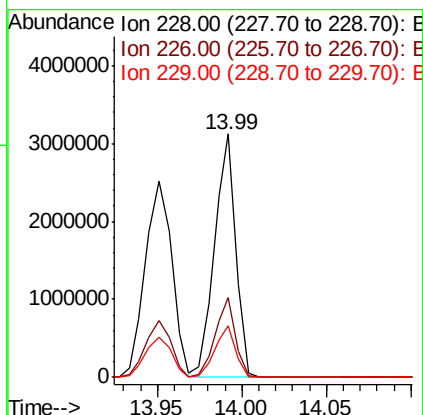
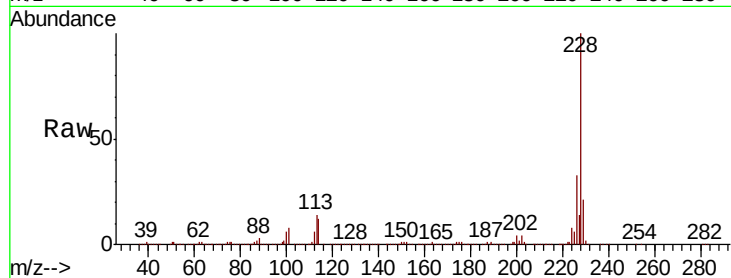




#83
Chrysene
Concen: 36.817 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

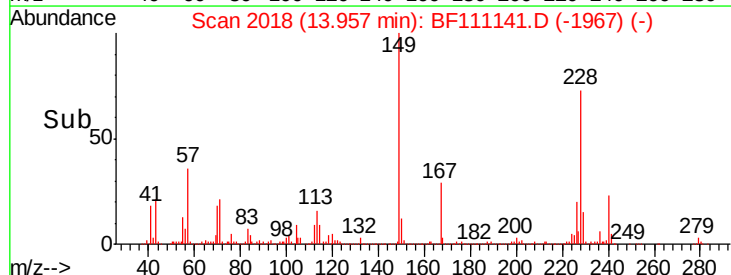
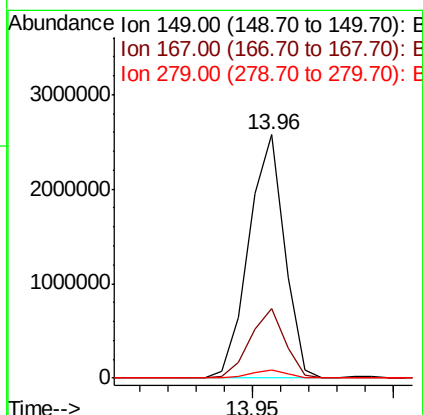
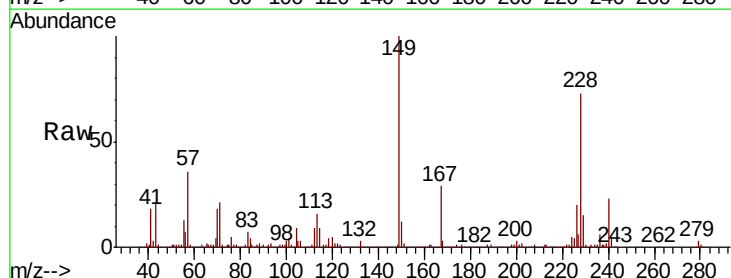
Instrument :
BNA_F
ClientSampleId :

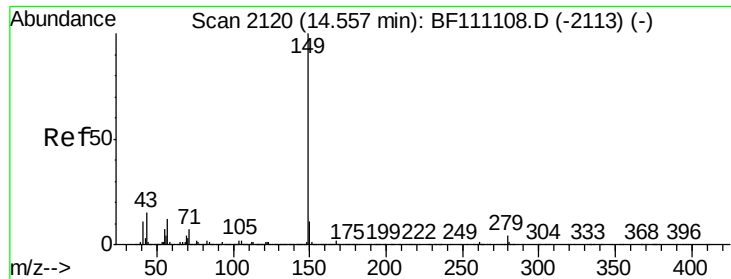
Tot Ion:228 Resp: 2758763
Ion Ratio Lower Upper
228 100
226 33.0 26.2 39.2
229 21.1 16.9 25.3



#84
Bis(2-ethylhexyl)phthalate
Concen: 38.546 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

Tgt Ion:149 Resp: 2257442
Ion Ratio Lower Upper
149 100
167 28.6 21.6 32.4
279 3.4 2.3 3.5

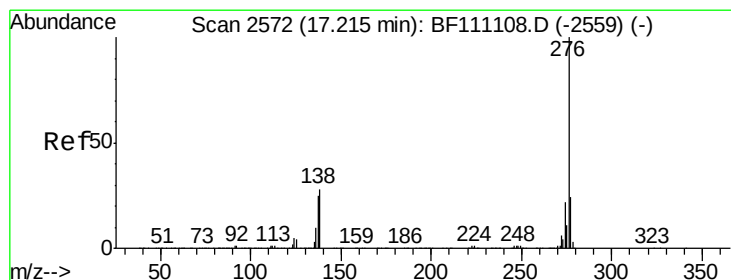
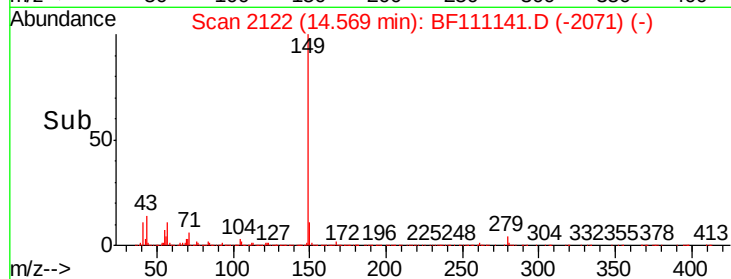
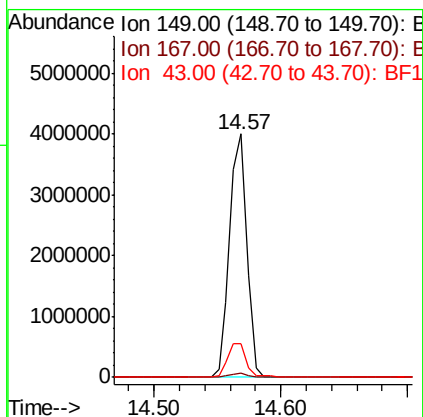
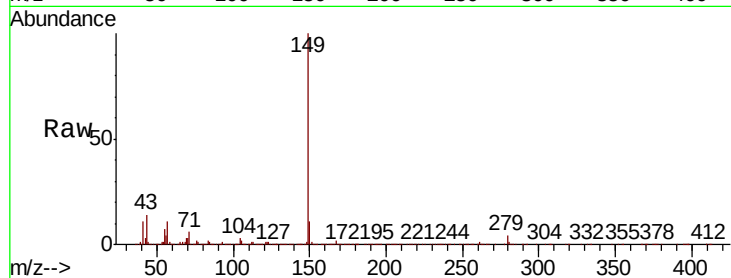




#85
Di-n-octyl phthalate
Concen: 40.739 ng
RT: 14.57 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

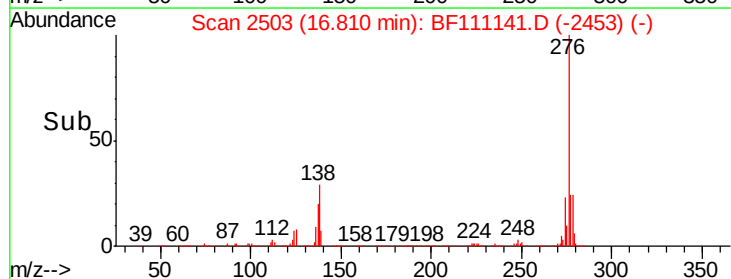
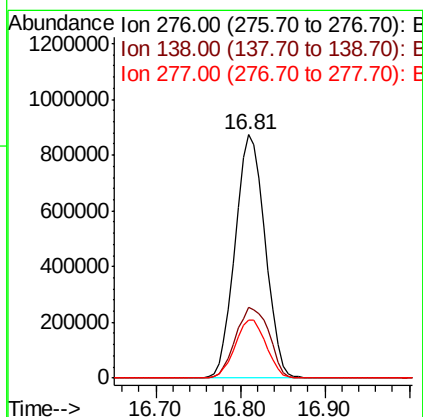
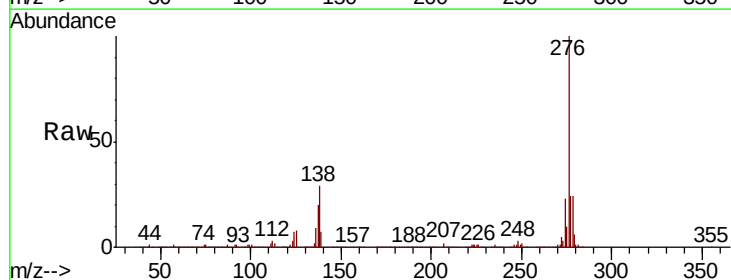
Instrument :
BNA_F
ClientSampled :

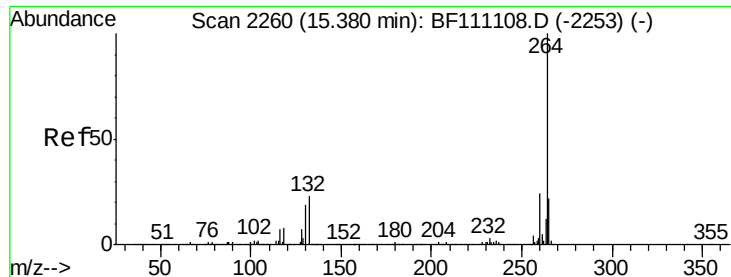
Tot Ion:149 Resp: 3750702
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 14.9 11.9 17.9



#86
Indeno(1,2,3-cd)pyrene
Concen: 35.578 ng
RT: 16.81 min Scan# 2503
Delta R.T. -0.01 min
Lab File: BF111141.D
Acq: 6 Dec 2018 16:38

Tgt Ion:276 Resp: 2140469
Ion Ratio Lower Upper
276 100
138 32.4 20.2 30.4#
277 24.8 15.8 23.6#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.40 min Scan# 2263

Delta R.T. 0.00 min

Lab File: BF111141.D

Acq: 6 Dec 2018 16:38

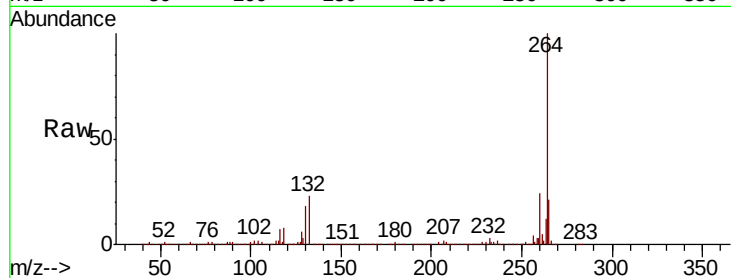
Instrument :

BNA_F

ClientSampleId :

Tot Ion:264 Resp: 1081763

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.0
265	21.2	17.4	26.0

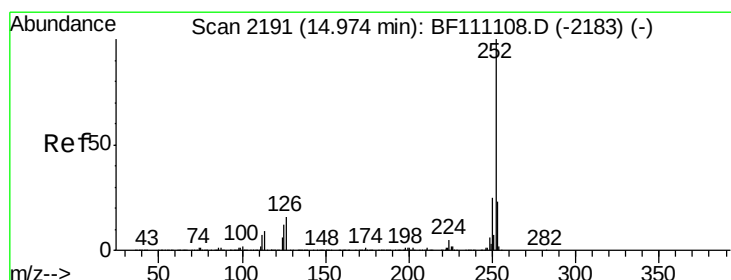
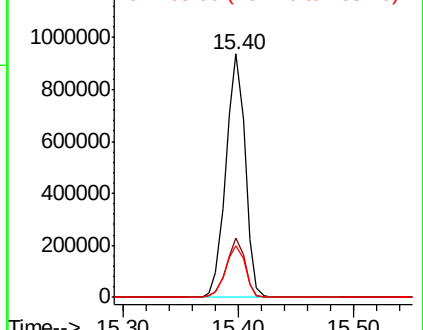
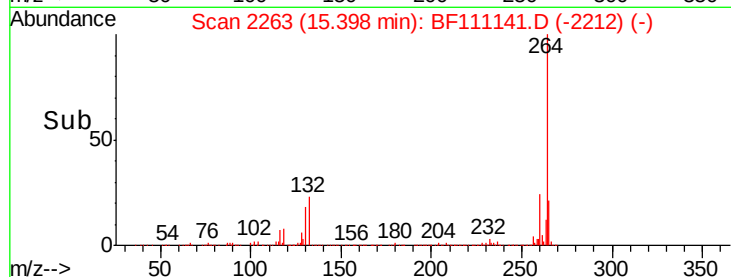


Abundance

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: 37.804 ng

RT: 14.99 min Scan# 2193

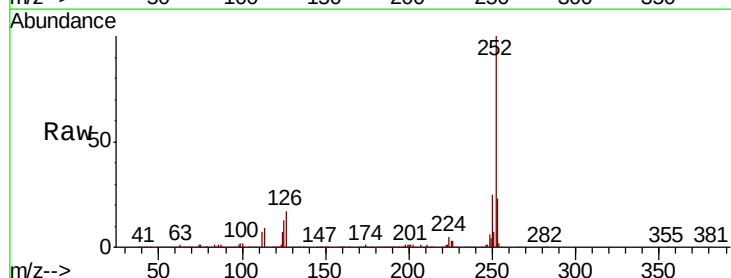
Delta R.T. 0.00 min

Lab File: BF111141.D

Acq: 6 Dec 2018 16:38

Tgt Ion:252 Resp: 2317291

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.5	27.7
125	13.1	9.9	14.9

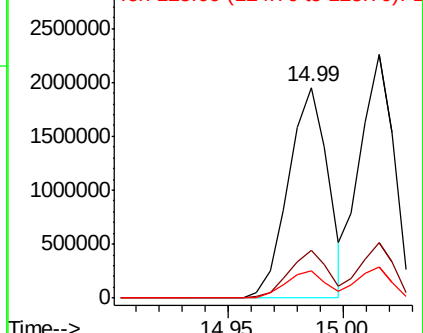
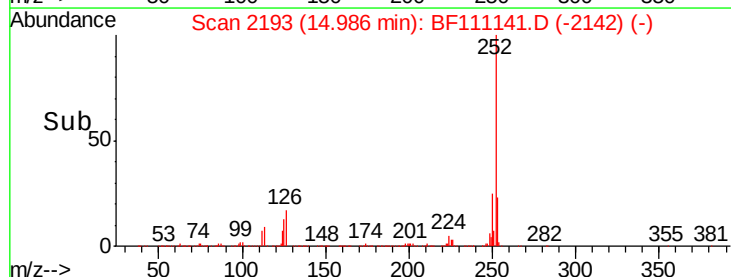


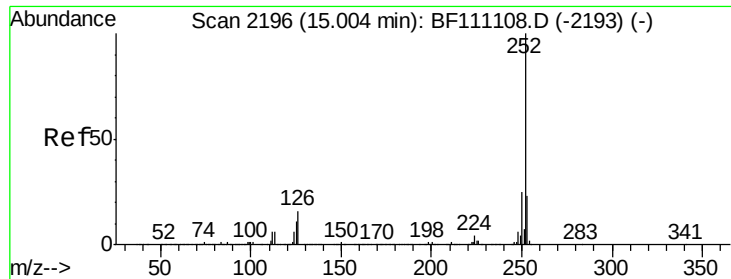
Abundance

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: 38.957 ng

RT: 15.02 min Scan# 2198

Delta R.T. 0.00 min

Lab File: BF111141.D

Acq: 6 Dec 2018 16:38

Instrument :

BNA_F

ClientSampled :

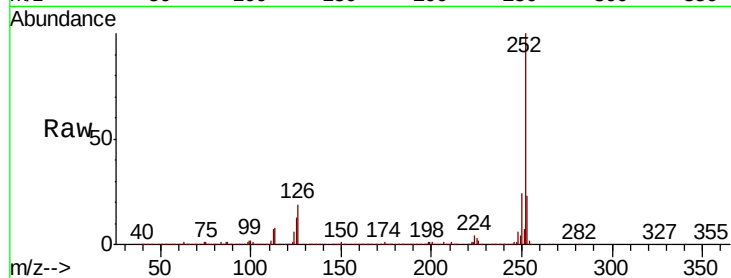
Tot Ion:252 Resp: 2308521

Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.4

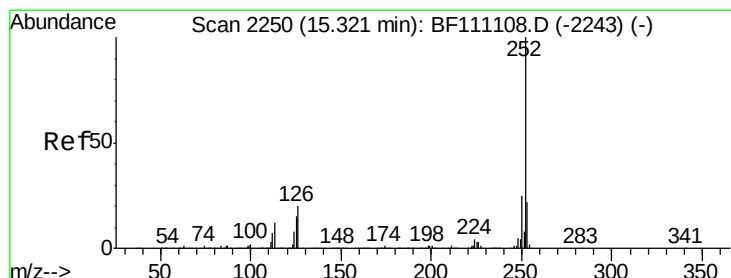
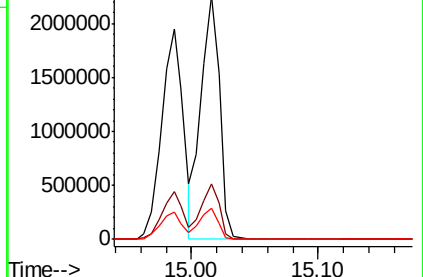
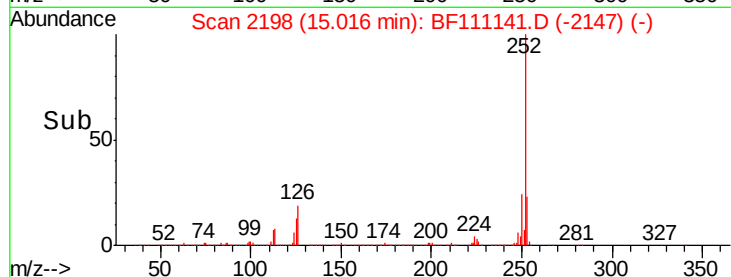
125 12.8 9.9 14.9



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



#90

Benzo(a)pyrene

Concen: 37.749 ng

RT: 15.34 min Scan# 2253

Delta R.T. 0.00 min

Lab File: BF111141.D

Acq: 6 Dec 2018 16:38

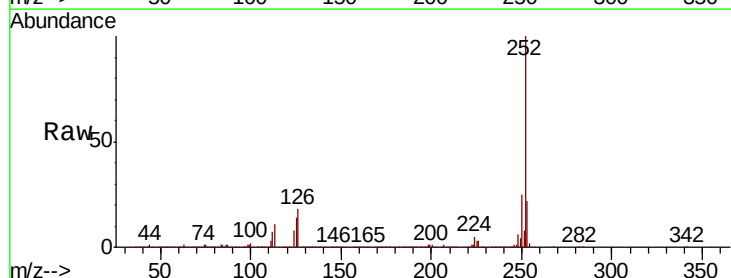
Tgt Ion:252 Resp: 2122451

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

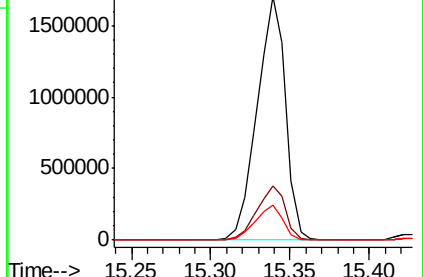
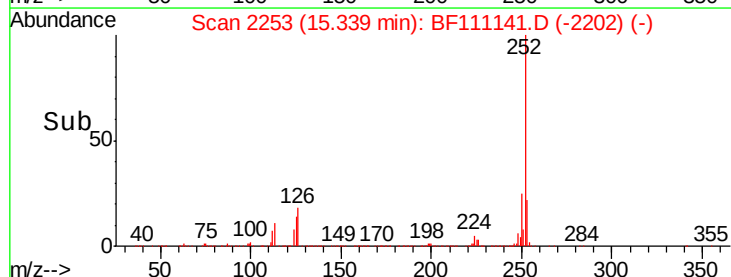
125 14.2 12.4 18.6

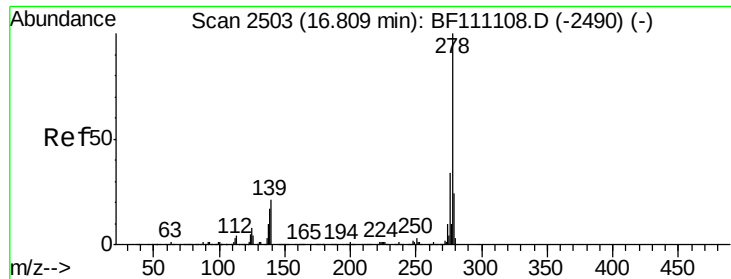


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 37.930 ng

RT: 16.83 min Scan# 2507

Delta R.T. 0.00 min

Lab File: BF111141.D

Acq: 6 Dec 2018 16:38

Instrument :

BNA_F

ClientSampled :

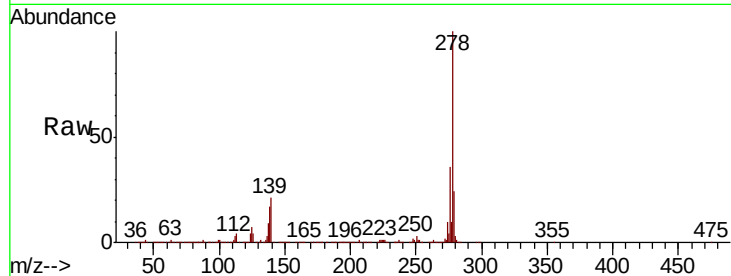
Tot Ion:278 Resp: 1789653

Ion Ratio Lower Upper

278 100

139 21.0 16.6 25.0

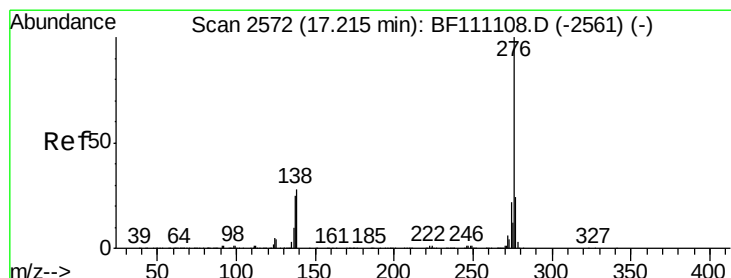
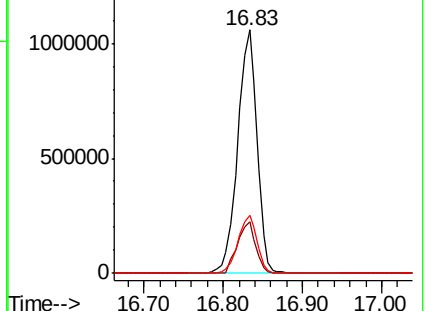
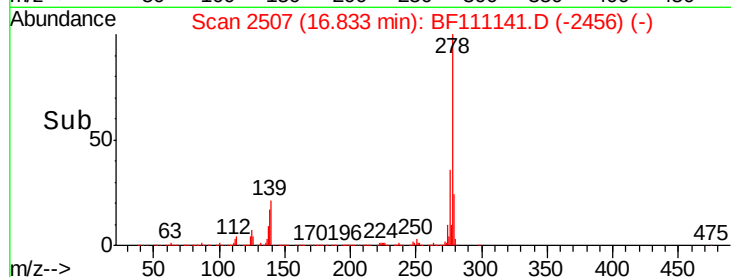
279 23.6 18.8 28.2



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: 37.590 ng

RT: 17.24 min Scan# 2576

Delta R.T. -0.01 min

Lab File: BF111141.D

Acq: 6 Dec 2018 16:38

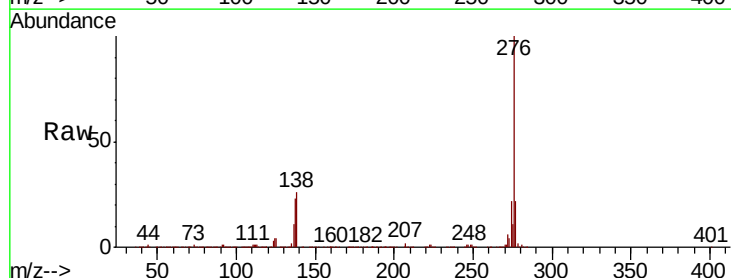
Tgt Ion:276 Resp: 1782277

Ion Ratio Lower Upper

276 100

277 22.3 19.3 28.9

138 26.5 22.3 33.5



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

