

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120918\
 Data File : BF111237.D
 Acq On : 10 Dec 2018 12:50
 Operator : JU/SJ
 Sample : J6179-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 10 15:05:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 01:15:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	534477	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	2147547	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	1118967	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1736441	20.00	ng	0.00
76) Chrysene-d12	13.96	240	940124	20.00	ng	0.00
87) Perylene-d12	15.39	264	952423	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	3852329	113.81	ng	0.02
7) Phenol-d6	6.44	99	4999939	118.86	ng	0.00
23) Nitrobenzene-d5	7.36	82	3277428	85.60	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	1051588	106.09	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	4939069	73.66	ng	0.00
79) Terphenyl-d14	12.91	244	4089717	104.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	658748	37.932	ng	99
3) Pyridine	3.35	79	1565285	33.926	ng	99
4) n-Nitrosodimethylamine	3.28	42	954182	48.506	ng	97
6) Aniline	6.47	93	1361745	24.280	ng	98
8) 2-Chlorophenol	6.59	128	1581409	41.103	ng	97
9) Benzaldehyde	6.35	77	776332	29.443	ng	97
10) Phenol	6.45	94	2093965	42.573	ng	96
11) bis(2-Chloroethyl)ether	6.54	93	1501554	39.474	ng	96
12) 1,3-Dichlorobenzene	6.75	146	1629292	39.413	ng	99
13) 1,4-Dichlorobenzene	6.82	146	1646554	39.446	ng	99
14) 1,2-Dichlorobenzene	6.97	146	1541464	39.594	ng	99
15) Benzyl Alcohol	6.95	79	1398436	42.011	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.08	45	2986431	41.933	ng	99
17) 2-Methylphenol	7.06	107	1347674	42.905	ng	99
18) Hexachloroethane	7.32	117	655778	41.264	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	1126672	39.984	ng	96
20) 3+4-Methylphenols	7.21	107	1527083	40.873	ng	96
22) Acetophenone	7.21	105	2110820	42.957	ng	# 99
24) Nitrobenzene	7.38	77	1688249	42.365	ng	99
25) Isophorone	7.63	82	3085150	47.309	ng	99
26) 2-Nitrophenol	7.70	139	854435	43.155	ng	97
27) 2,4-Dimethylphenol	7.74	122	1425033	46.577	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	1968706	43.595	ng	99
29) 2,4-Dichlorophenol	7.94	162	1331704	42.569	ng	100
30) 1,2,4-Trichlorobenzene	8.03	180	1298142	42.127	ng	99
31) Naphthalene	8.11	128	4290493	45.776	ng	99
32) Benzoic acid	7.85	122	806990	31.897	ng	99
33) 4-Chloroaniline	8.15	127	728842	16.190	ng	96
34) Hexachlorobutadiene	8.23	225	696668	40.956	ng	98
35) Caprolactam	8.52	113	285437	25.749	ng	99
36) 4-Chloro-3-methylphenol	8.64	107	1541476	48.126	ng	98
37) 2-Methylnaphthalene	8.80	142	3134384	50.370	ng	98
38) 1-Methylnaphthalene	8.90	142	2818644	46.253	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	1063009	34.141	ng	99

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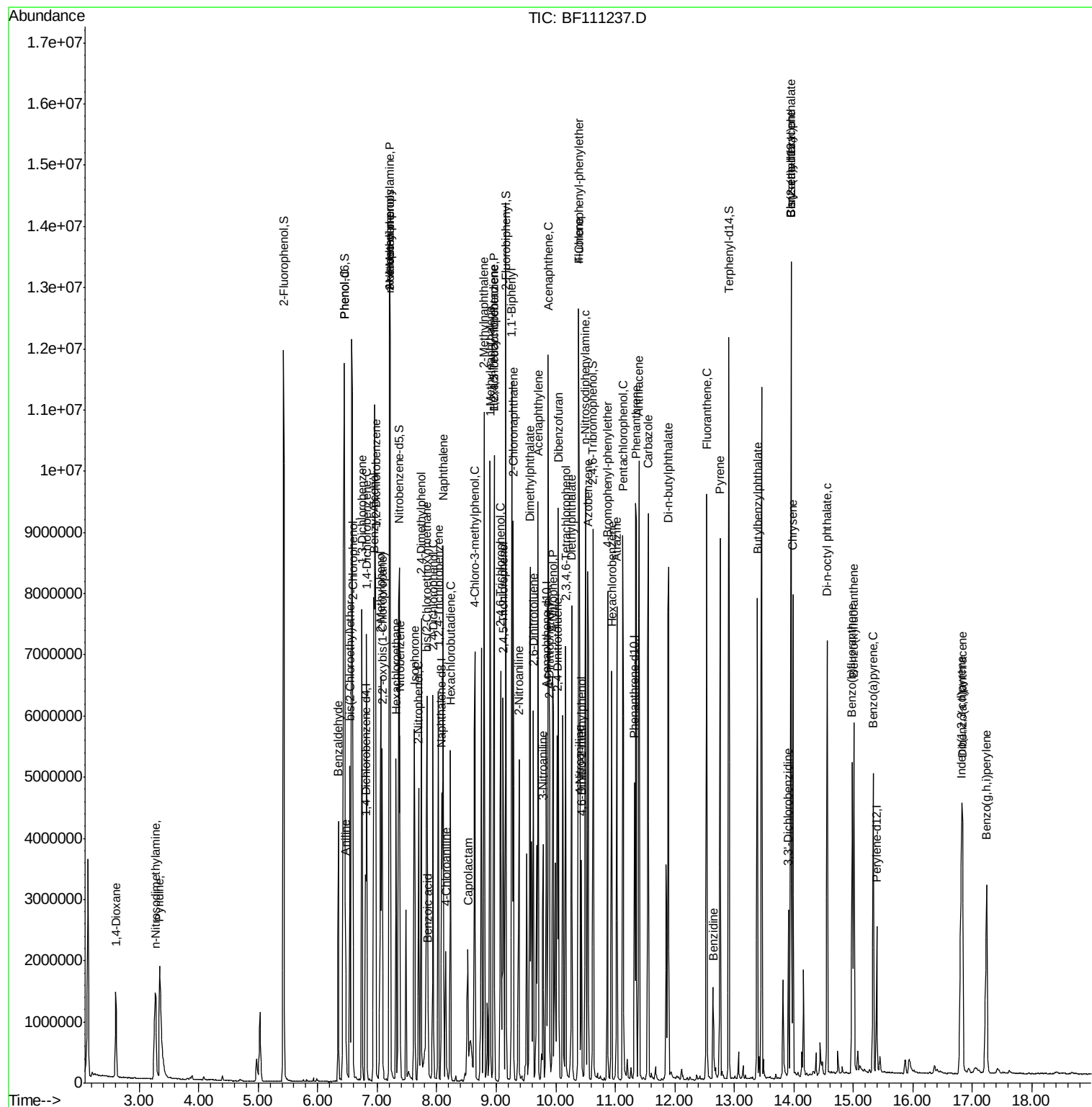
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	1201213	67.744	ng	100
43) 2,4,6-Trichlorophenol	9.07	196	878966	37.609	ng	99
44) 2,4,5-Trichlorophenol	9.12	196	927621	38.101	ng	97
46) 1,1'-Biphenyl	9.26	154	3279882	35.020	ng	99
47) 2-Chloronaphthalene	9.29	162	2625189	35.855	ng	99
48) 2-Nitroaniline	9.38	65	956327	38.290	ng	91
49) Acenaphthylene	9.70	152	4318505	40.629	ng	99
50) Dimethylphthalate	9.57	163	3326464	40.290	ng	100
51) 2,6-Dinitrotoluene	9.62	165	718430	39.402	ng	91
52) Acenaphthene	9.87	154	2930420	43.933	ng	99
53) 3-Nitroaniline	9.79	138	572158	25.423	ng	99
54) 2,4-Dinitrophenol	9.89	184	657958	91.316	ng	93
55) Dibenzofuran	10.05	168	3772629	41.574	ng	97
56) 4-Nitrophenol	9.96	139	1386563	79.105	ng	91
57) 2,4-Dinitrotoluene	10.03	165	1035643	46.074	ng	98
58) Fluorene	10.39	166	2638770	37.578	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	800139	43.358	ng	99
60) Diethylphthalate	10.27	149	3065323	38.943	ng	99
61) 4-Chlorophenyl-phenylether	10.38	204	1183408	33.942	ng	97
62) 4-Nitroaniline	10.40	138	769829	36.151	ng	98
63) Azobenzene	10.54	77	3066354	37.522	ng	98
65) 4,6-Dinitro-2-methylphenol	10.43	198	401576	39.248	ng	91
66) n-Nitrosodiphenylamine	10.50	169	2467872	41.751	ng	99
67) 4-Bromophenyl-phenylether	10.87	248	828232	43.548	ng	96
68) Hexachlorobenzene	10.94	284	842698	43.556	ng	95
69) Atrazine	11.03	200	819515	45.593	ng	99
70) Pentachlorophenol	11.13	266	977207	69.625	ng	95
71) Phenanthrene	11.35	178	3694924	42.187	ng	99
72) Anthracene	11.40	178	3760542	41.040	ng	99
73) Carbazole	11.55	167	3660951	38.209	ng	100
74) Di-n-butylphthalate	11.89	149	4061845	41.245	ng	100
75) Fluoranthene	12.53	202	3628452	45.351	ng	97
77) Benzidine	12.65	184	247357	8.861	ng	99
78) Pyrene	12.76	202	3534368	52.609	ng	99
80) Butylbenzylphthalate	13.39	149	1663390	47.403	ng	95
81) Benzo(a)anthracene	13.94	228	2335546	44.530	ng	99
82) 3,3'-Dichlorobenzidine	13.91	252	514129	23.916	ng	100
83) Chrysene	13.99	228	2475525	45.783	ng	99
84) Bis(2-ethylhexyl)phthalate	13.95	149	1829491	43.876	ng	99
85) Di-n-octyl phthalate	14.56	149	3238289	46.335	ng	100
86) Indeno(1,2,3-cd)pyrene	16.81	276	2723183	62.391	ng	99
88) Benzo(b)fluoranthene	14.98	252	2567669	48.749	ng	99
89) Benzo(k)fluoranthene	15.01	252	2069143	41.784	ng	97
90) Benzo(a)pyrene	15.33	252	2276749	46.940	ng	99
91) Dibenzo(a,h)anthracene	16.83	278	2228276	58.490	ng	98
92) Benzo(g,h,i)perylene	17.24	276	2379877	62.404	ng	97

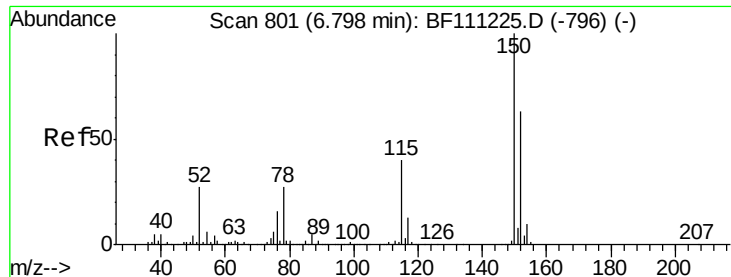
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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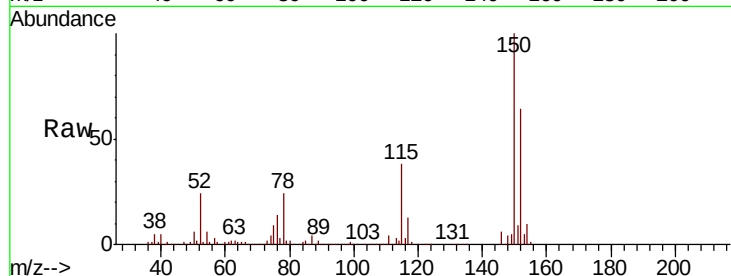


#1

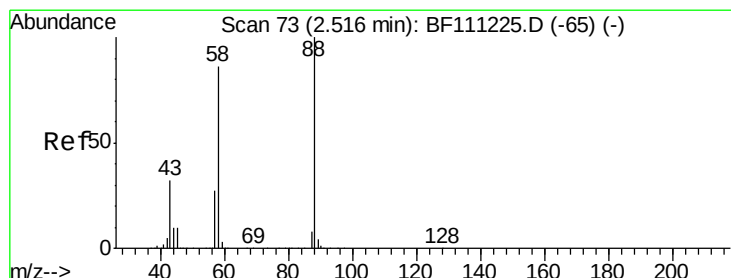
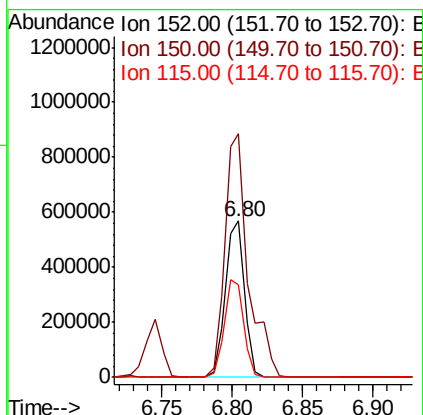
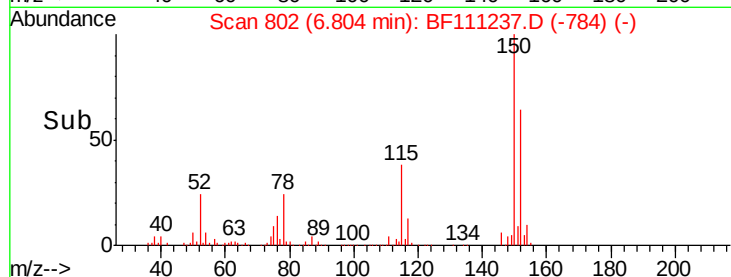
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.01 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Instrument :
BNA_F
ClientSampled :

Tot Ion	152	Resp	534477
Ion Ratio	Lower	Upper	
152	100		
150	155.6	126.6	189.8
115	59.5	50.7	76.1



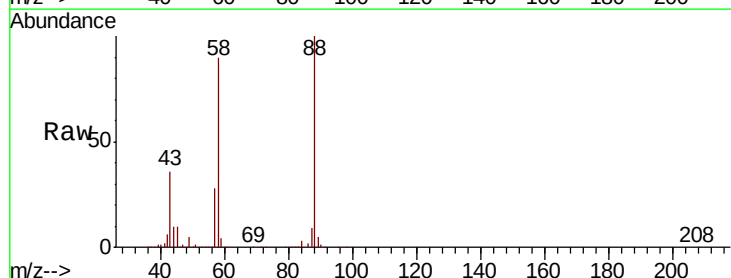
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



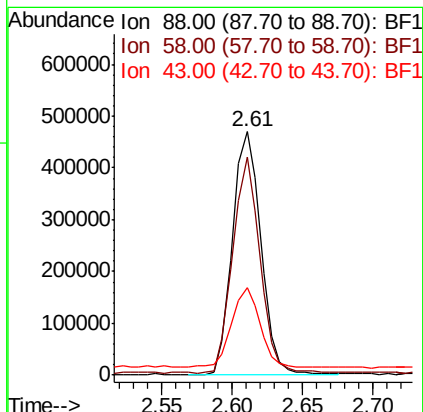
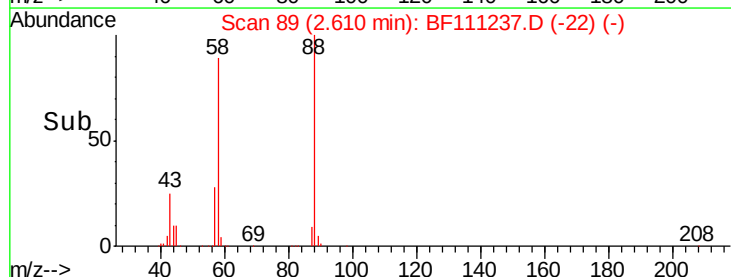
#2

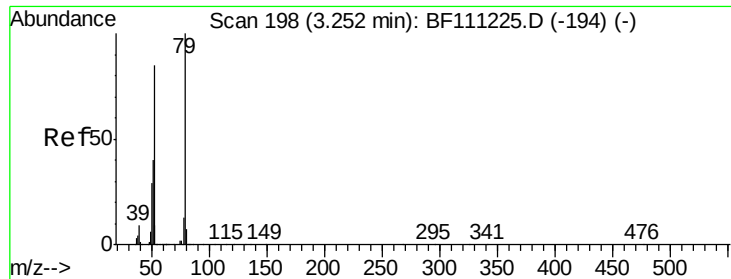
1,4-Dioxane
Concen: 37.932 ng
RT: 2.61 min Scan# 89
Delta R.T. 0.09 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Tgt Ion	88	Resp	658748
Ion Ratio	Lower	Upper	
88	100		
58	85.5	68.9	103.3
43	32.6	25.8	38.6



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 33.926 ng

RT: 3.35 min Scan# 214

Delta R.T. 0.09 min

Lab File: BF111237.D

Acq: 10 Dec 2018 12:50

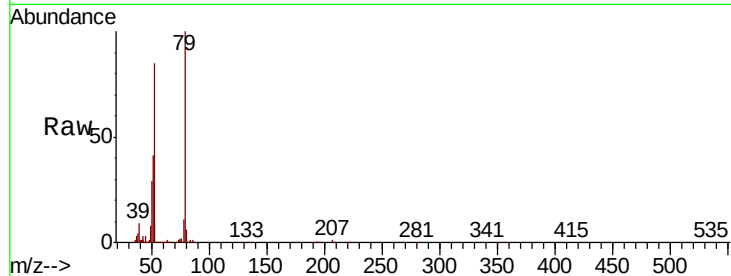
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 79 Resp: 1565285

Ion	Ratio	Lower	Upper
79	100		
52	84.6	68.3	102.5
51	41.1	32.6	49.0

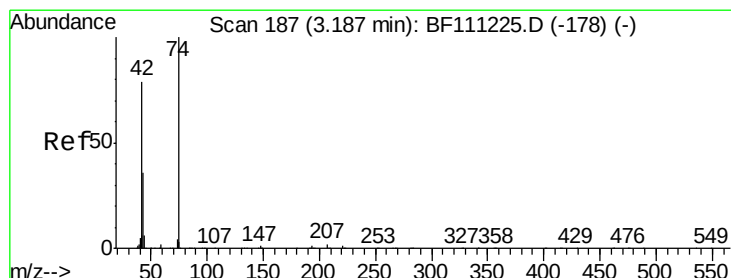
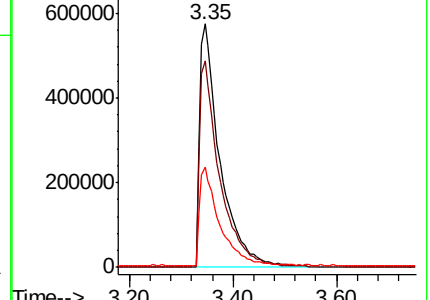
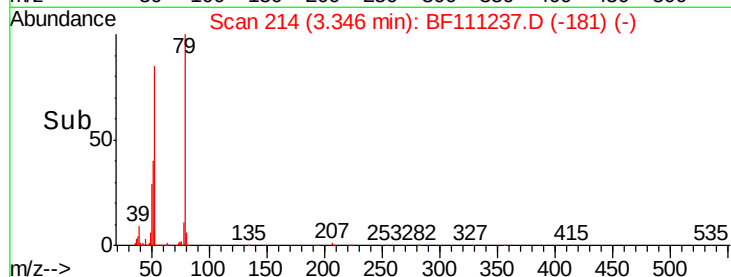


Abundance

Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 48.506 ng

RT: 3.28 min Scan# 202

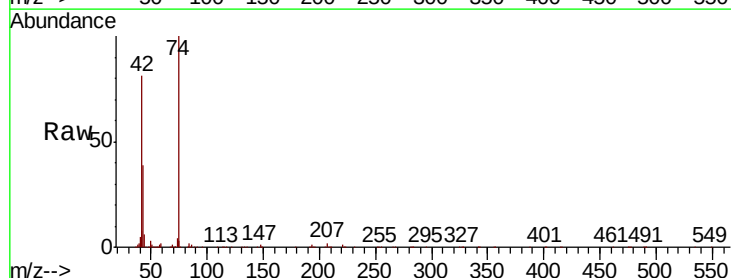
Delta R.T. 0.09 min

Lab File: BF111237.D

Acq: 10 Dec 2018 12:50

Tgt Ion: 42 Resp: 954182

Ion	Ratio	Lower	Upper
42	100		
74	123.9	101.5	152.3
44	7.1	6.0	9.0

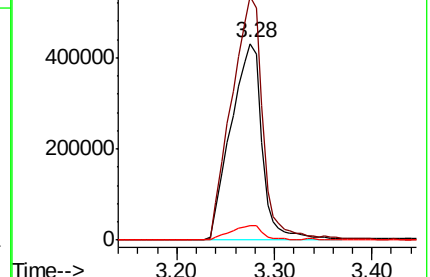
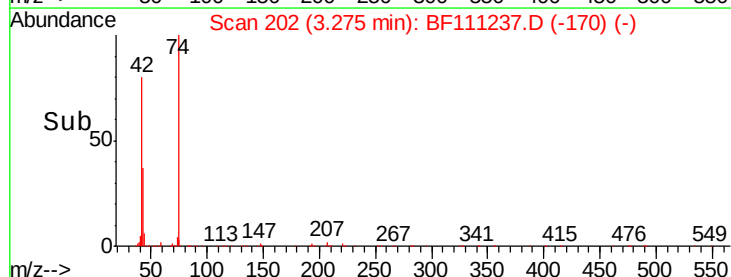


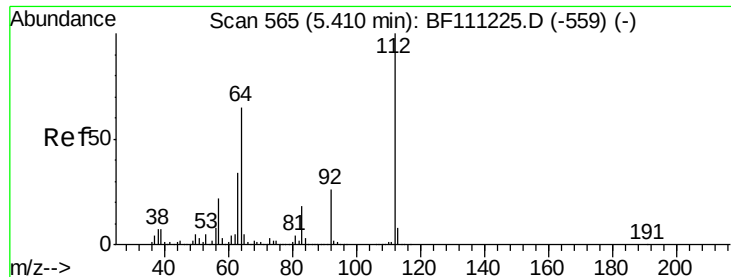
Abundance

Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 113.814 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.02 min

Lab File: BF111237.D

Acq: 10 Dec 2018 12:50

Instrument :

BNA_F

ClientSampleId :

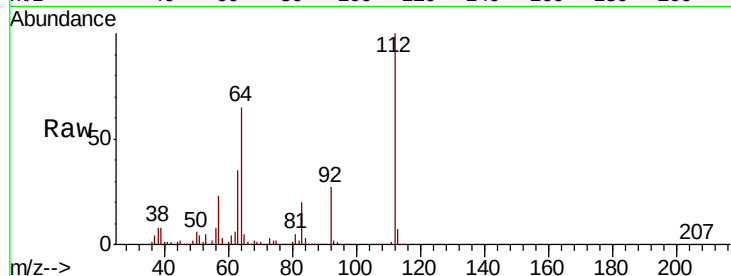
Tot Ion:112 Resp: 3852329

Ion Ratio Lower Upper

112 100

64 65.4 51.8 77.6

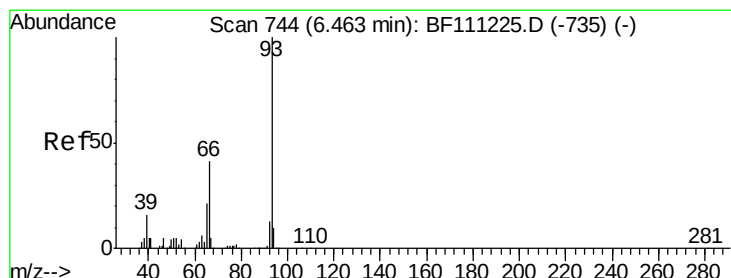
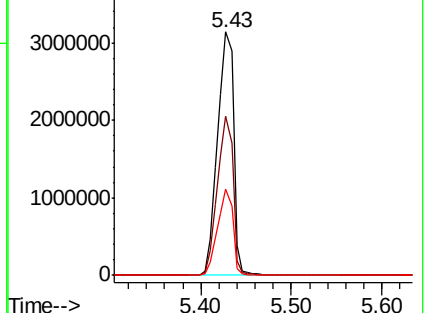
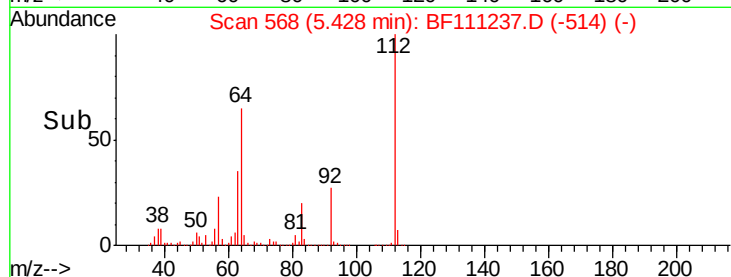
63 35.2 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 24.280 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF111237.D

Acq: 10 Dec 2018 12:50

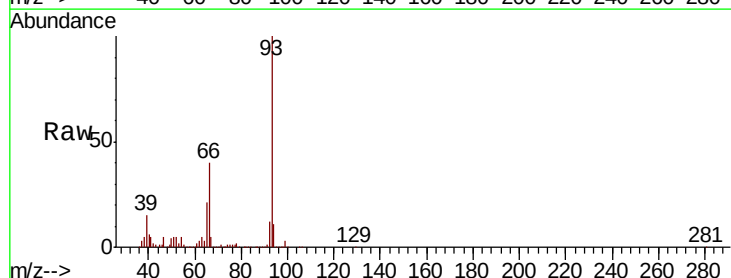
Tgt Ion: 93 Resp: 1361745

Ion Ratio Lower Upper

93 100

66 40.0 33.2 49.8

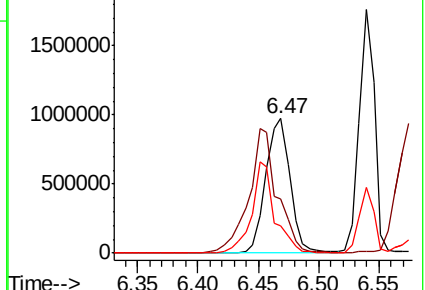
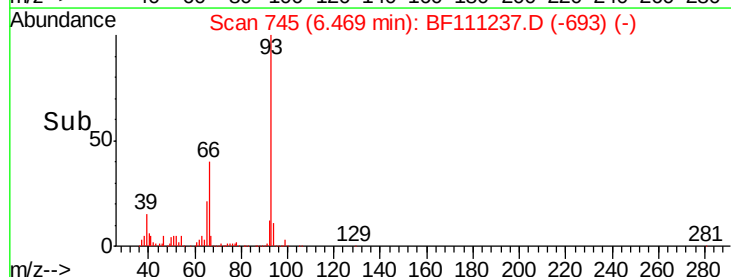
65 20.8 17.0 25.4

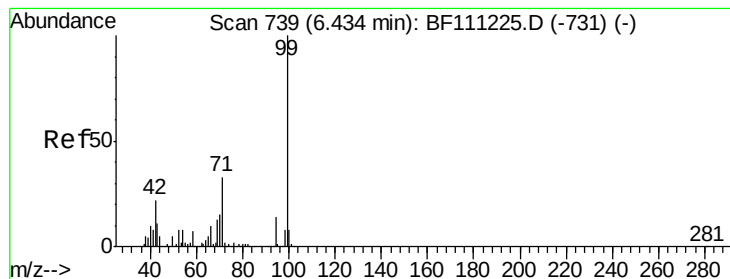


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 118.865 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

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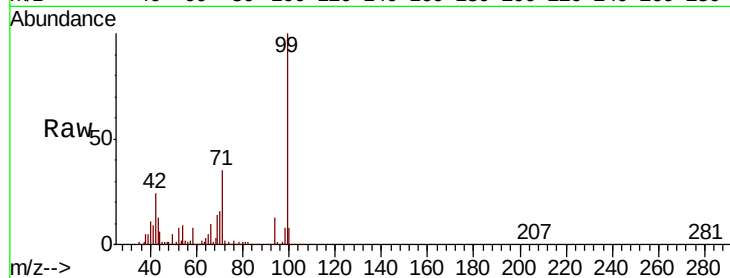
Tot Ion: 99 Resp: 4999939

Ion Ratio Lower Upper

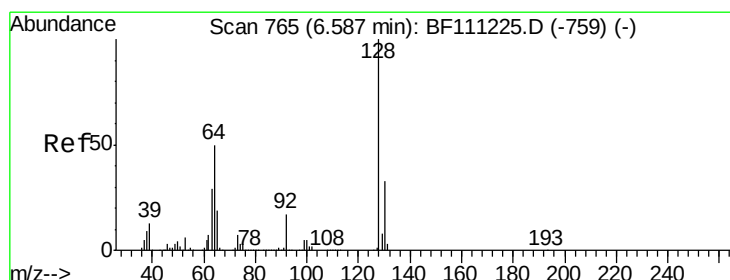
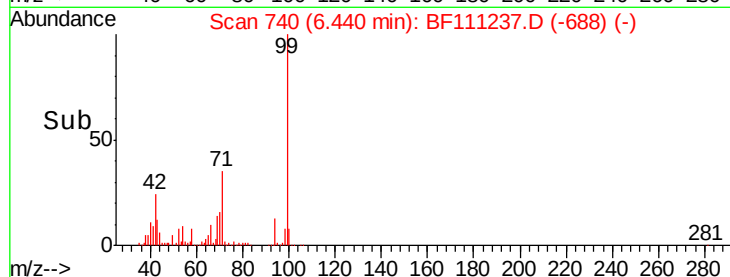
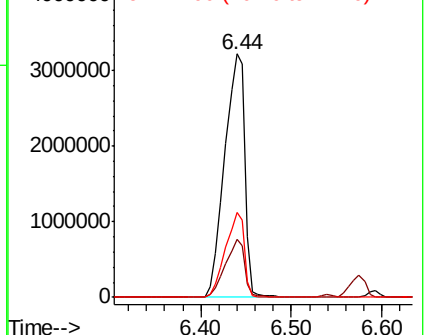
99 100

42 23.6 17.4 26.0

71 35.1 26.1 39.1



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



#8

2-Chlorophenol

Concen: 41.103 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF111237.D

Acq: 10 Dec 2018 12:50

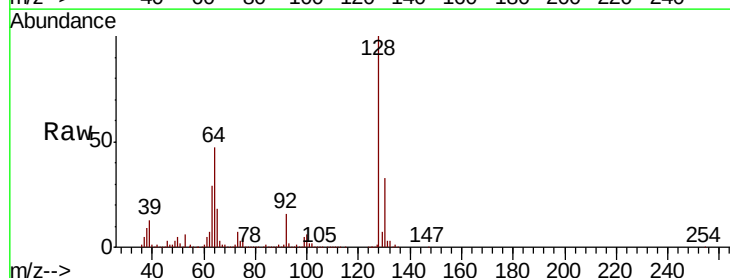
Tgt Ion:128 Resp: 1581409

Ion Ratio Lower Upper

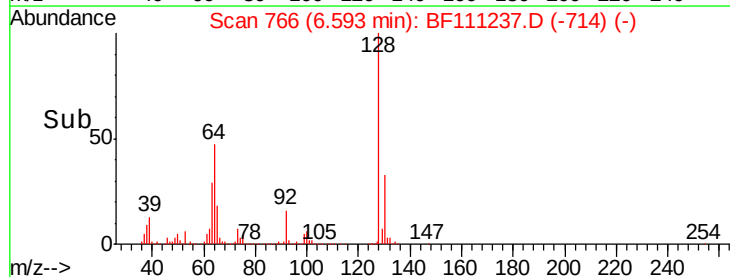
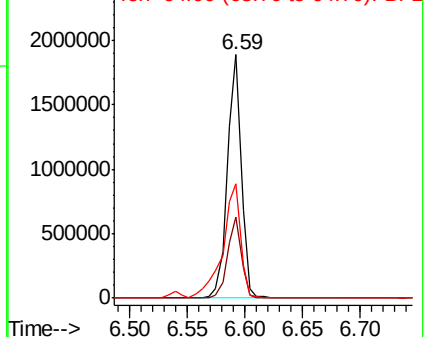
128 100

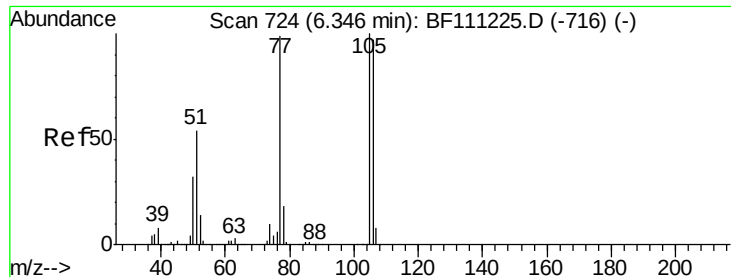
130 33.4 12.7 52.7

64 46.8 30.0 70.0



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





#9

Benzaldehyde

Concen: 29.443 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.00 min

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ClientSampleId :

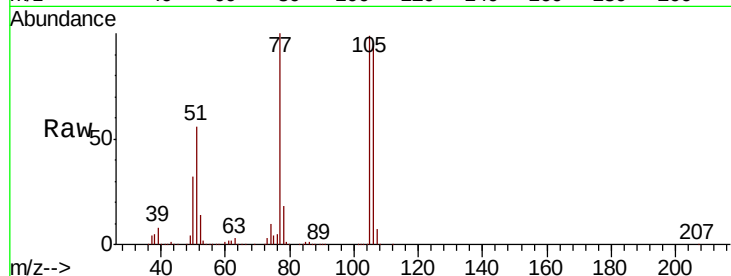
Tot Ion: 77 Resp: 776332

Ion Ratio Lower Upper

77 100

105 99.0 81.4 121.4

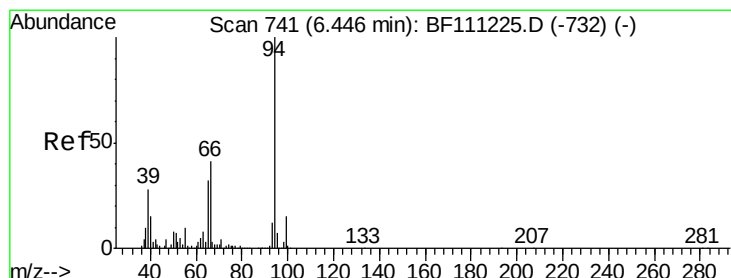
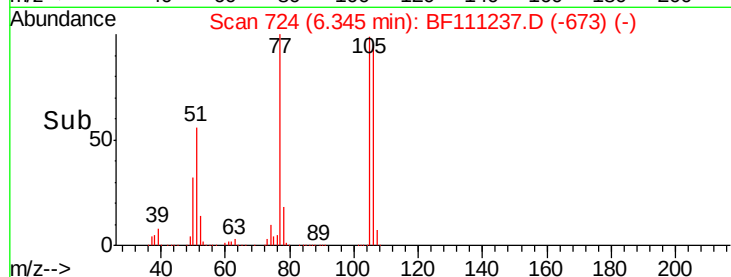
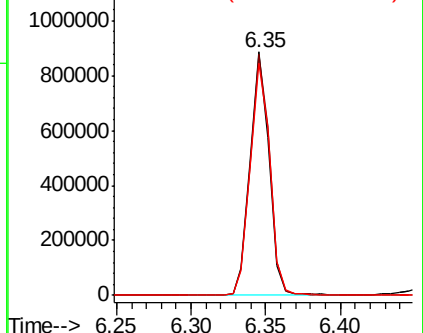
106 95.2 77.9 117.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 42.573 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF111237.D

Acq: 10 Dec 2018 12:50

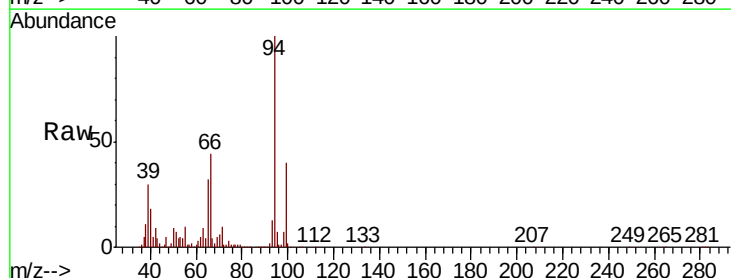
Tgt Ion: 94 Resp: 2093965

Ion Ratio Lower Upper

94 100

65 32.5 11.7 51.7

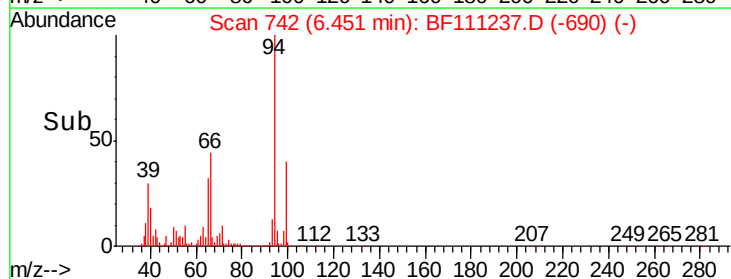
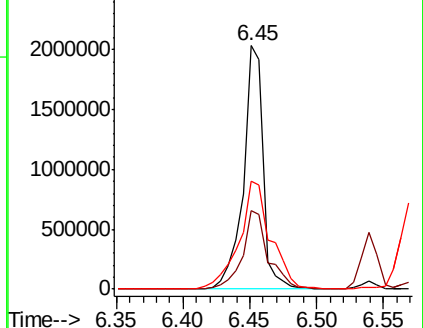
66 44.4 21.0 61.0

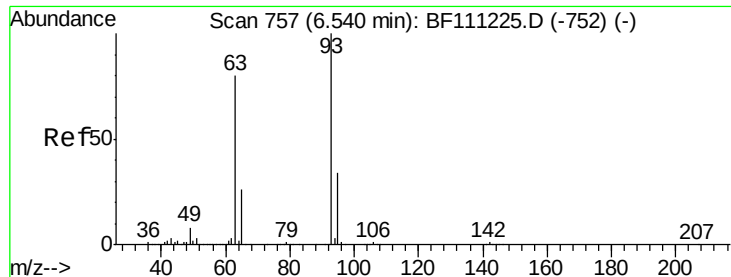


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



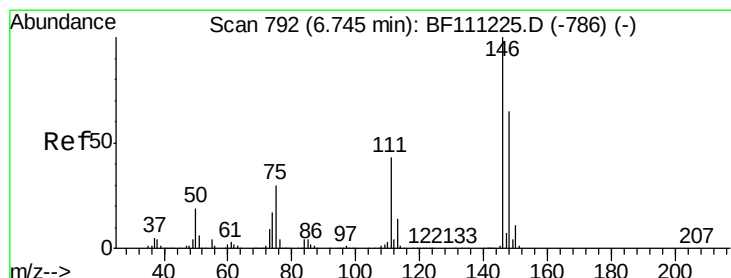
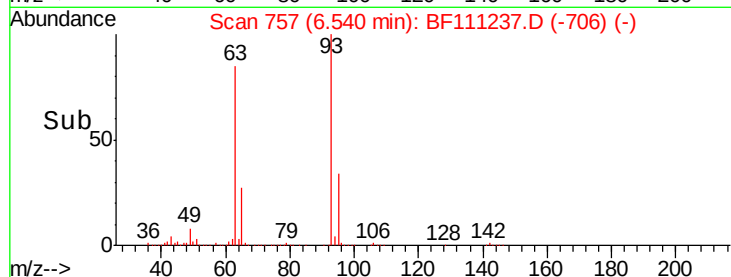
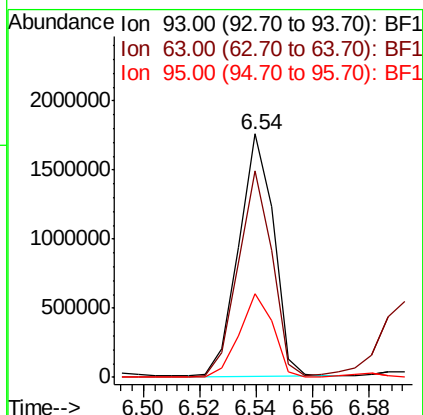
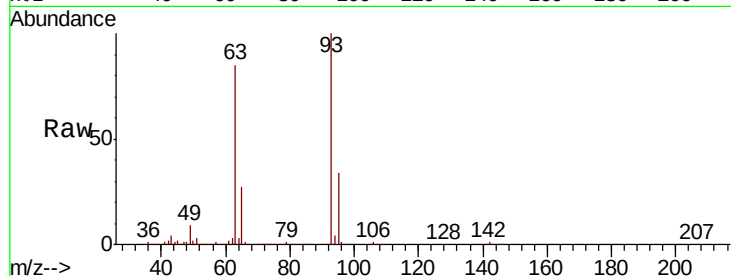


#11
bis(2-Chloroethyl)ether
Concen: 39.474 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 1501554

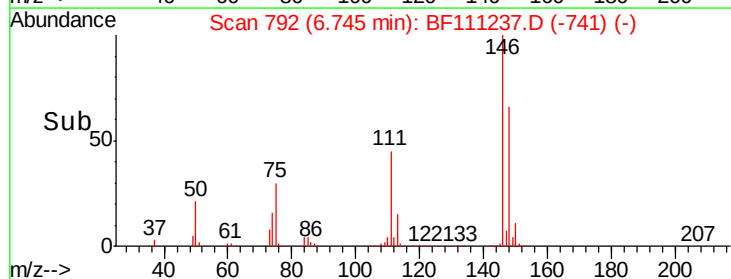
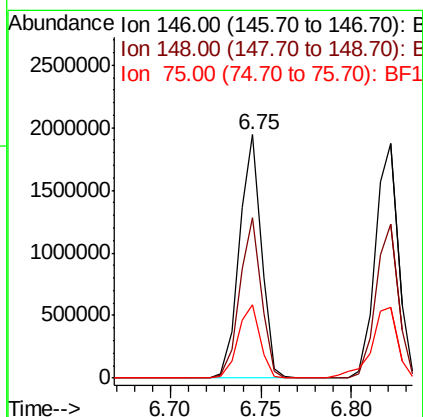
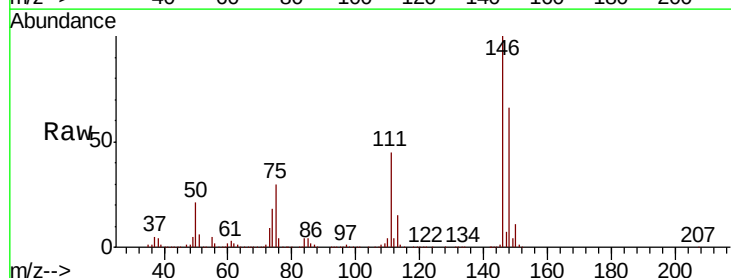
Ion	Ratio	Lower	Upper
93	100		
63	85.1	60.0	100.0
95	34.1	13.4	53.4

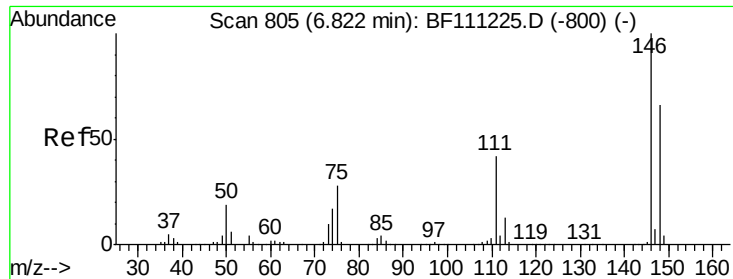


#12
1,3-Dichlorobenzene
Concen: 39.413 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Tgt Ion: 146 Resp: 1629292

Ion	Ratio	Lower	Upper
146	100		
148	66.0	52.1	78.1
75	30.4	23.9	35.9

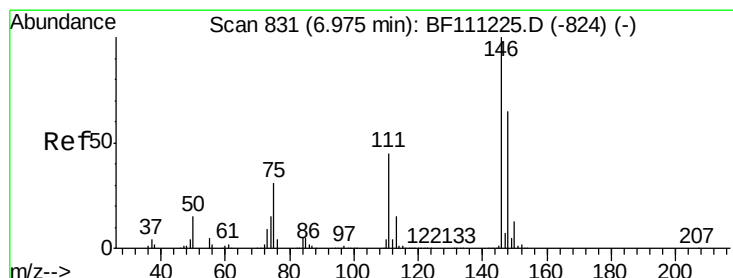
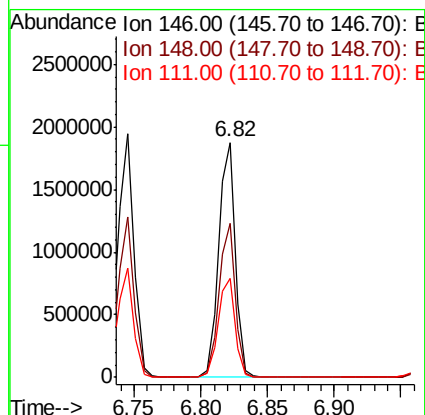
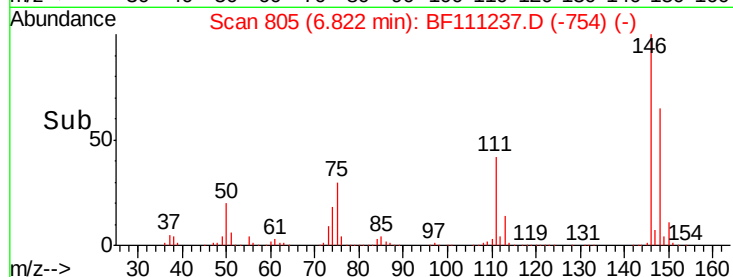
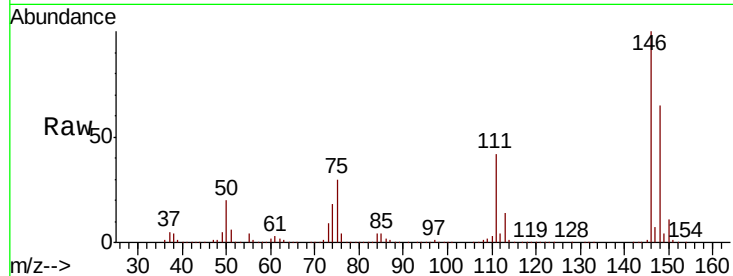




#13
 1,4-Dichlorobenzene
 Concen: 39.446 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF111237.D
 Acq: 10 Dec 2018 12:50

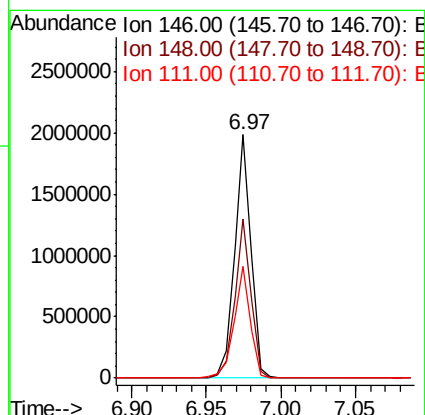
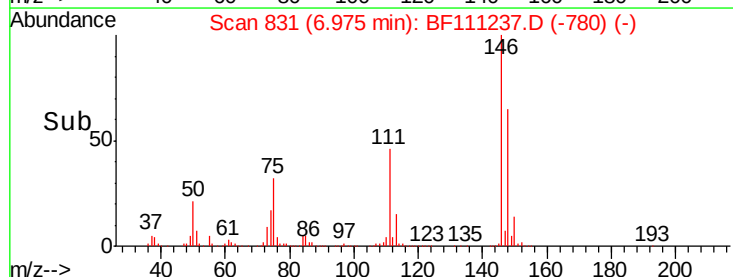
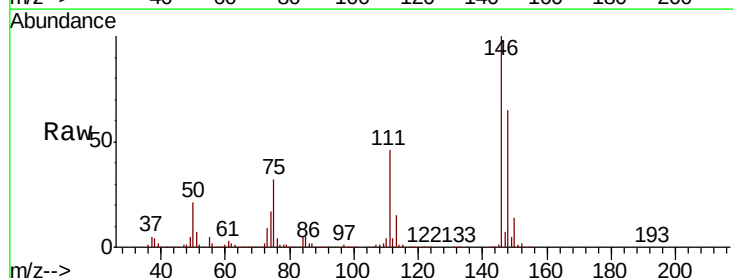
Instrument :
 BNA_F
 ClientSampled :

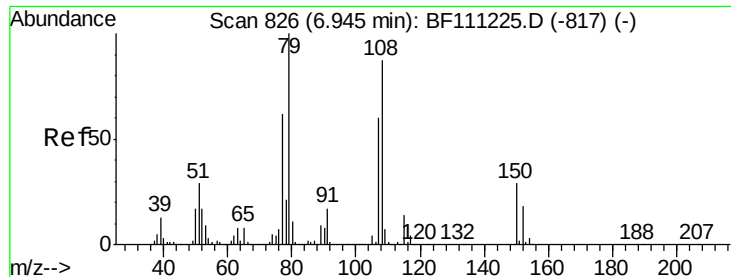
Tot Ion:146 Resp: 1646554
 Ion Ratio Lower Upper
 146 100
 148 65.3 52.8 79.2
 111 42.2 33.4 50.0



#14
 1,2-Dichlorobenzene
 Concen: 39.594 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BF111237.D
 Acq: 10 Dec 2018 12:50

Tgt Ion:146 Resp: 1541464
 Ion Ratio Lower Upper
 146 100
 148 65.3 51.9 77.9
 111 46.2 36.2 54.4

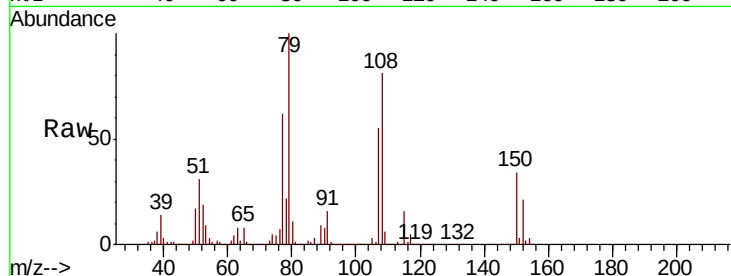




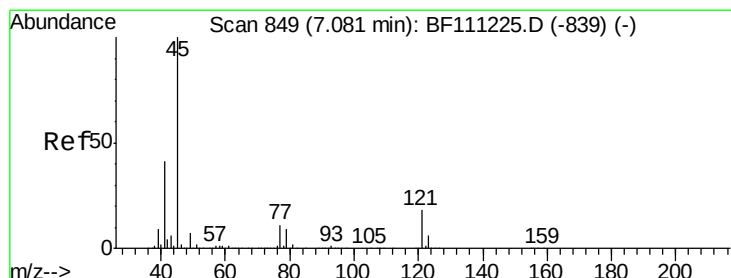
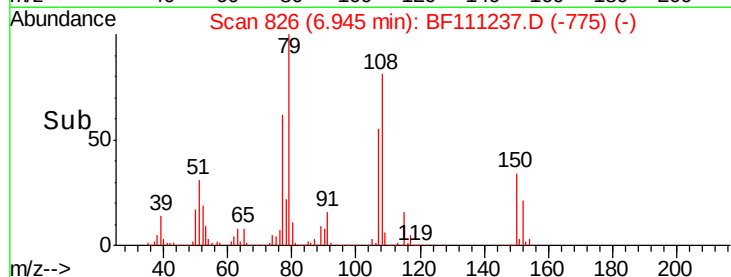
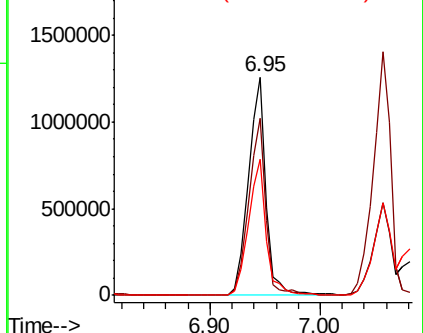
#15
Benzyl Alcohol
Concen: 42.011 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 1398436
Ion Ratio Lower Upper
79 100
108 81.0 69.4 104.2
77 62.2 49.7 74.5

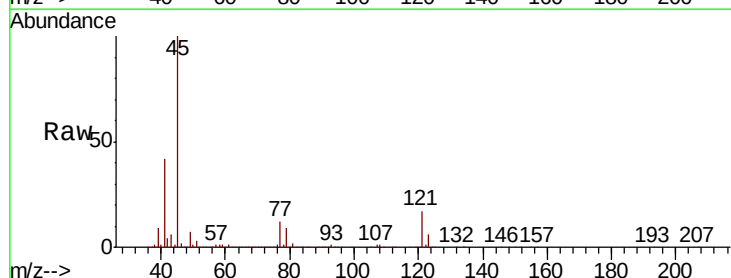


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

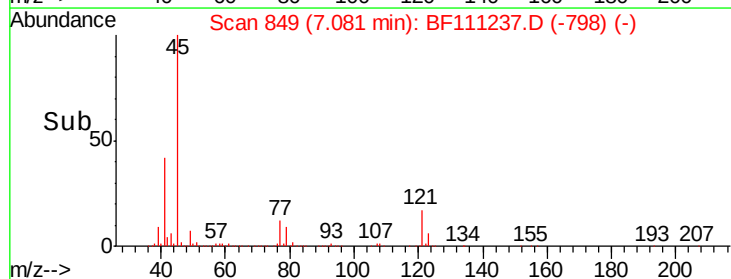
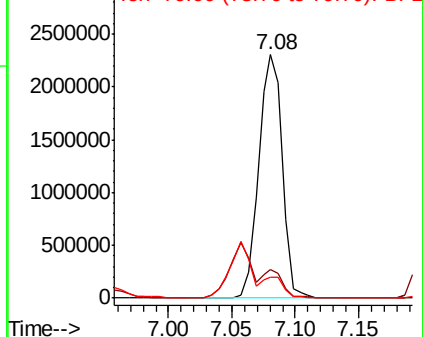


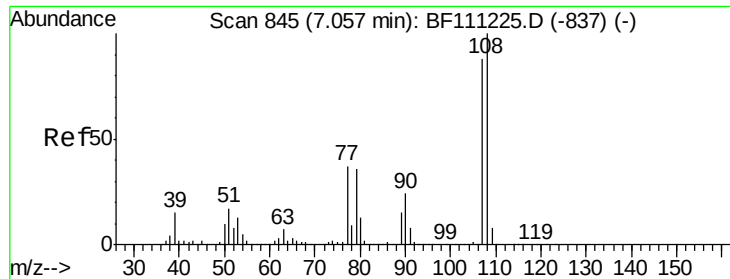
#16
2,2'-oxybis(1-chloropropane)
Concen: 41.933 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Tgt Ion: 45 Resp: 2986431
Ion Ratio Lower Upper
45 100
77 11.6 0.0 31.5
79 8.5 0.0 28.9



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 42.905 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.00 min

Lab File: BF111237.D

Acq: 10 Dec 2018 12:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 1347674

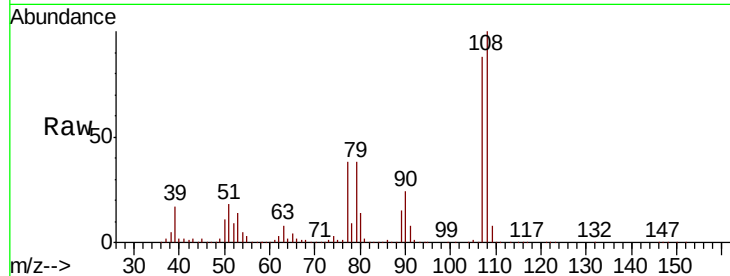
Ion Ratio Lower Upper

107 100

108 113.5 91.0 136.4

77 43.0 33.5 50.3

79 43.4 33.3 49.9

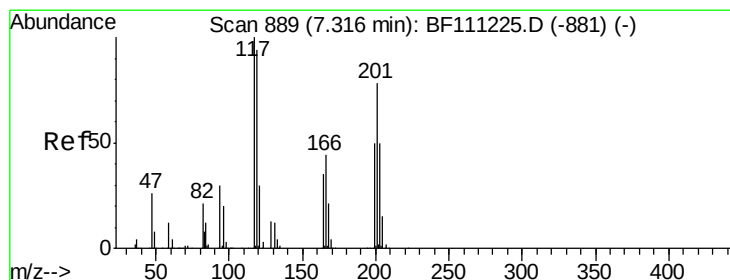
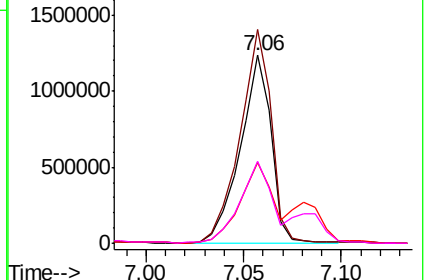
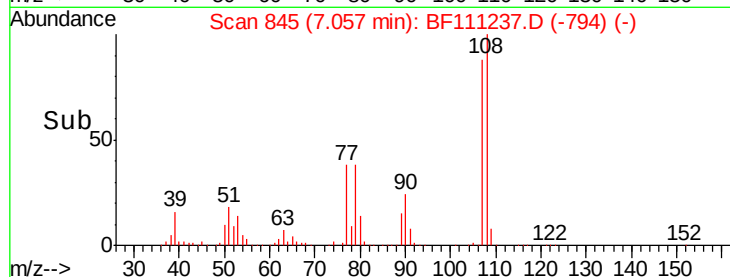


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.264 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.00 min

Lab File: BF111237.D

Acq: 10 Dec 2018 12:50

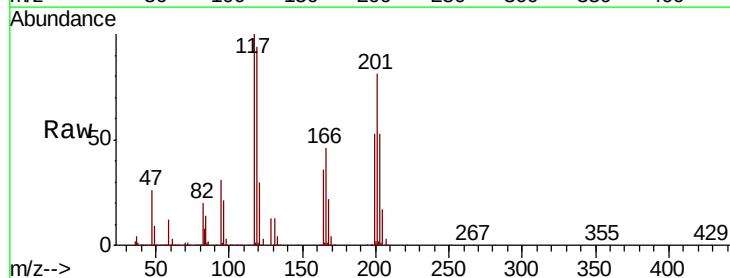
Tgt Ion:117 Resp: 655778

Ion Ratio Lower Upper

117 100

119 94.3 75.4 113.0

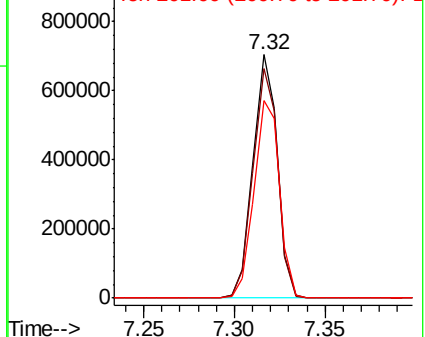
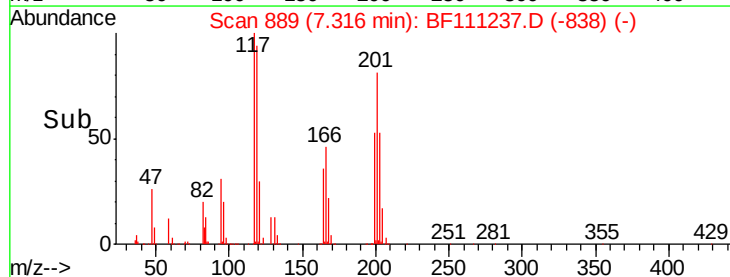
201 81.0 62.4 93.6

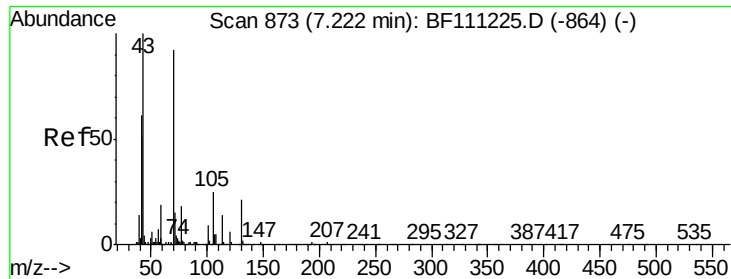


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

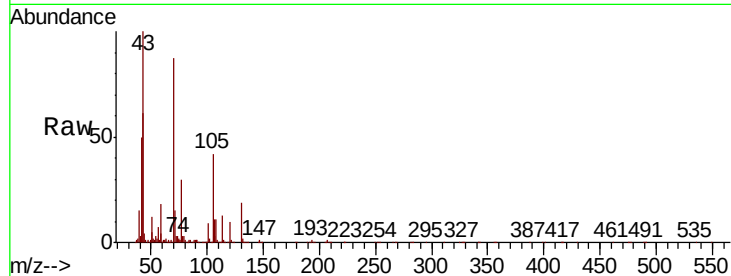




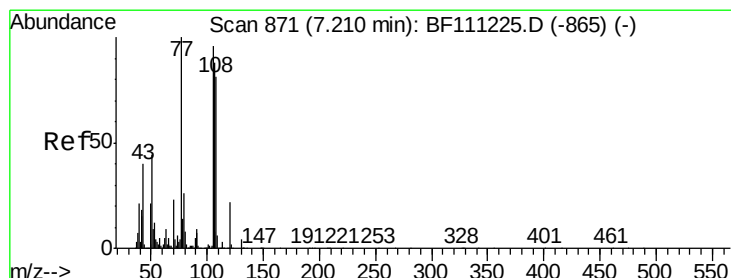
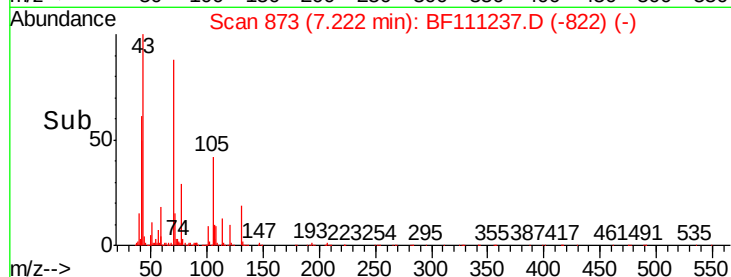
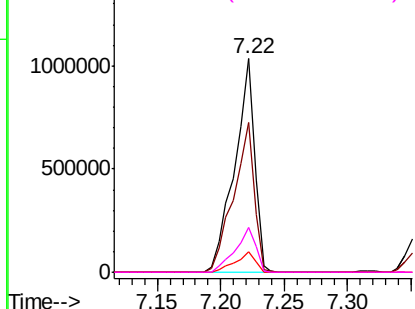
#19
n-Nitroso-di-n-propylamine
Concen: 39.984 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 1126672
Ion Ratio Lower Upper
70 100
42 70.0 53.2 79.8
101 9.9 8.2 12.4
130 21.2 18.1 27.1

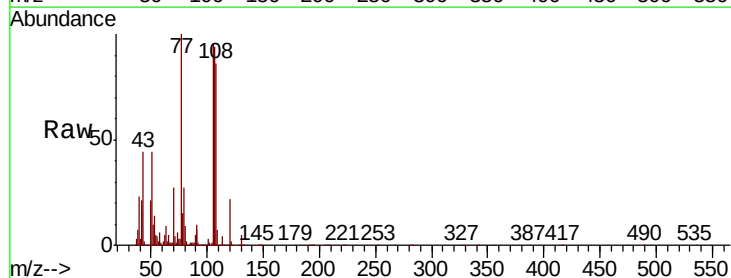


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

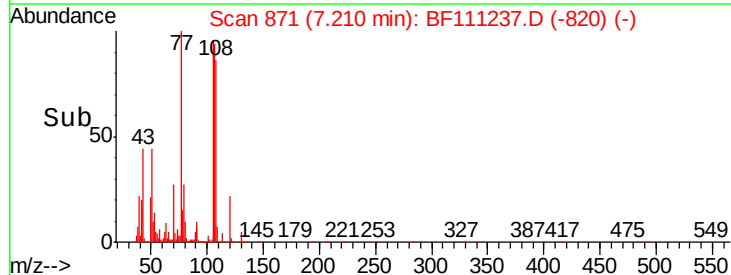
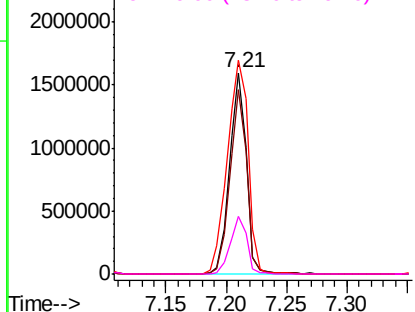


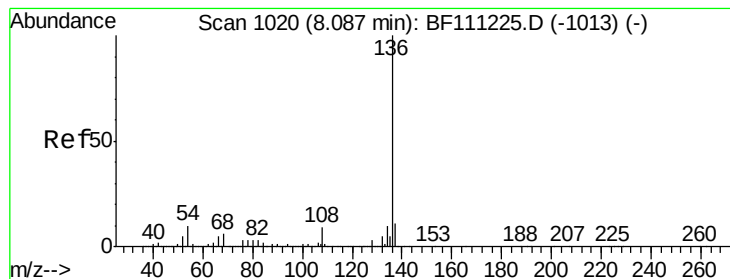
#20
3+4-Methylphenols
Concen: 40.873 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Tgt Ion:107 Resp: 1527083
Ion Ratio Lower Upper
107 100
108 91.5 72.1 112.1
77 106.1 94.1 134.1
79 28.5 9.8 49.8



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF111237.D

Acq: 10 Dec 2018 12:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 2147547

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	9.3	7.7	11.5
68	5.7	4.9	7.3

Abundance

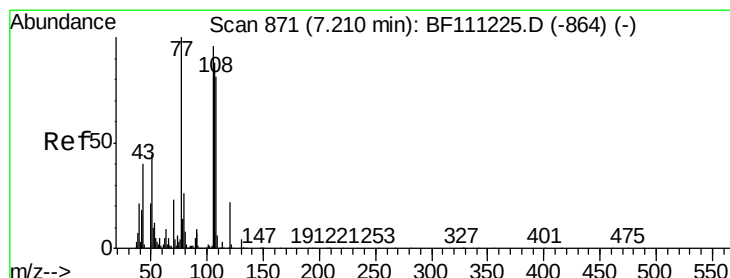
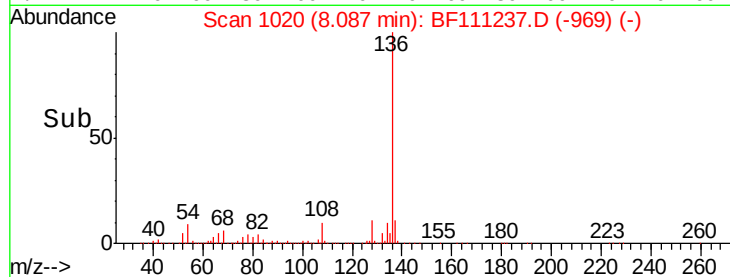
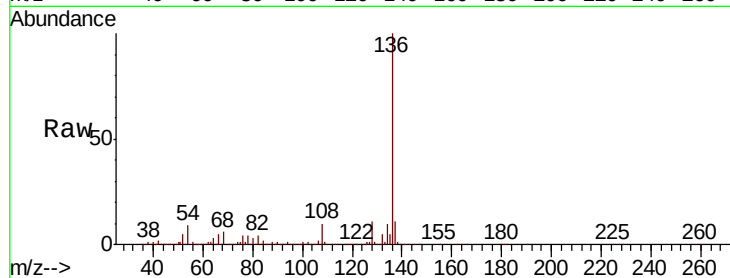
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

Time-->



#22

Acetophenone

Concen: 42.957 ng

RT: 7.21 min Scan# 871

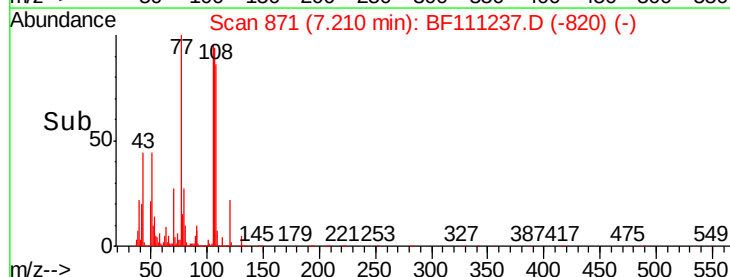
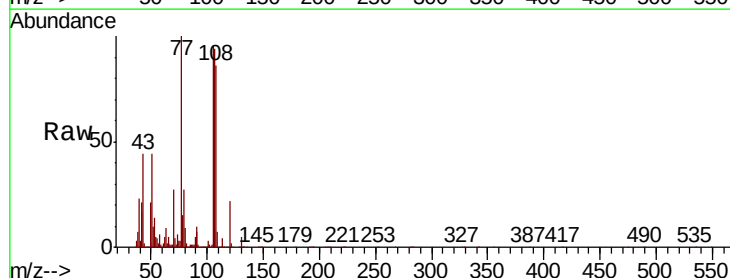
Delta R.T. -0.00 min

Lab File: BF111237.D

Acq: 10 Dec 2018 12:50

Tgt Ion:105 Resp: 2110820

Ion	Ratio	Lower	Upper
105	100		
71	4.7	3.1	4.7#
51	46.4	36.6	54.8
120	22.7	18.2	27.4



Abundance

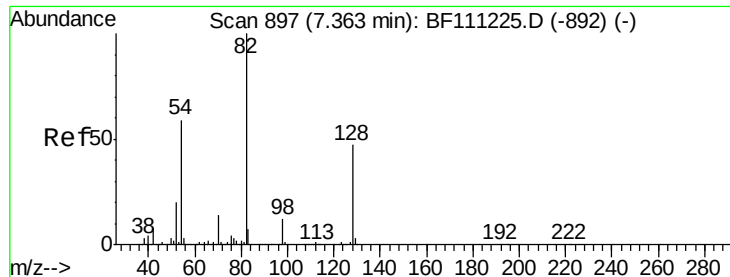
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

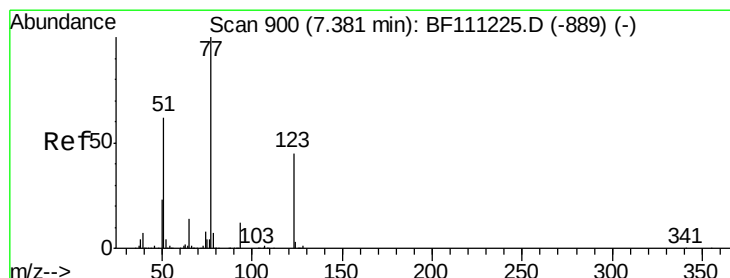
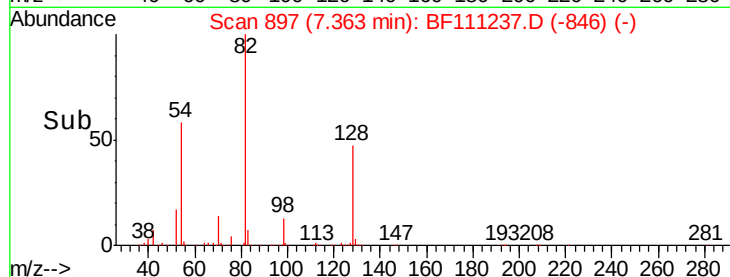
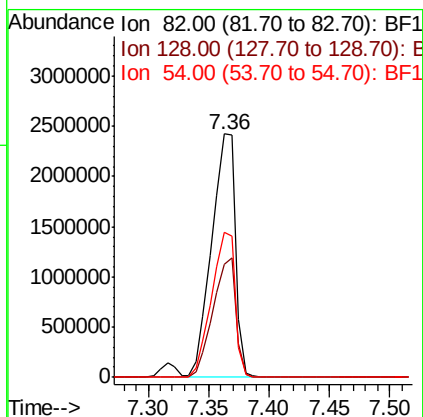
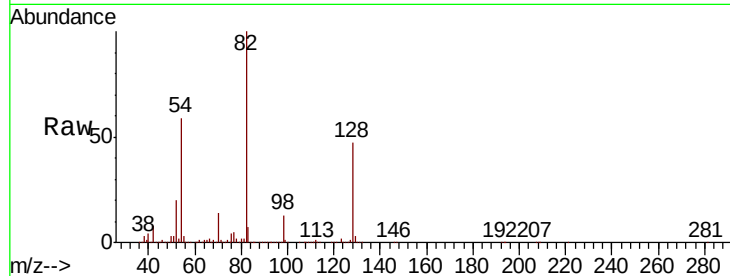
Time-->



#23
 Nitrobenzene-d5
 Concen: 85.598 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.00 min
 Lab File: BF111237.D
 Acq: 10 Dec 2018 12:50

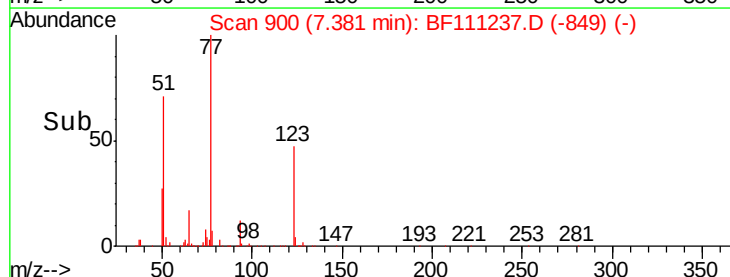
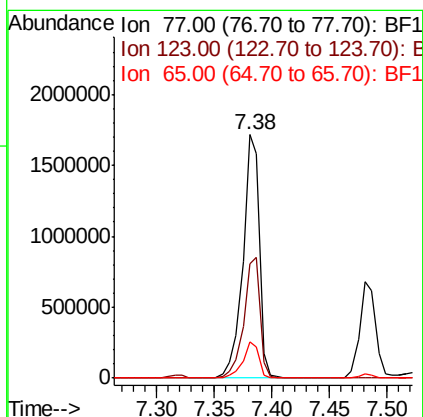
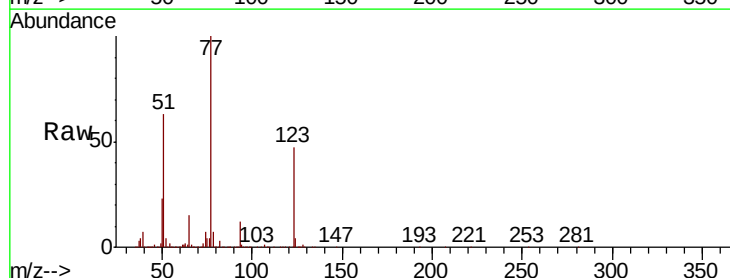
Instrument :
 BNA_F
 ClientSampleId :

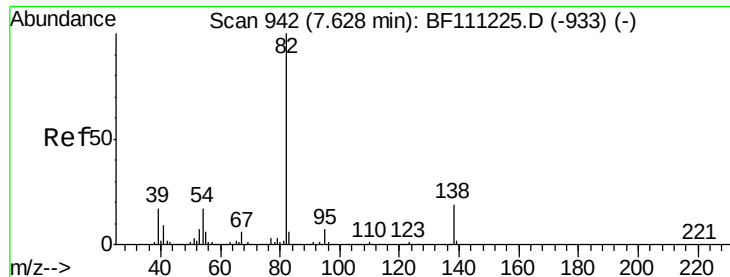
Tot Ion: 82 Resp: 3277428
 Ion Ratio Lower Upper
 82 100
 128 46.6 37.4 56.2
 54 59.4 47.6 71.4



#24
 Nitrobenzene
 Concen: 42.365 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BF111237.D
 Acq: 10 Dec 2018 12:50

Tgt Ion: 77 Resp: 1688249
 Ion Ratio Lower Upper
 77 100
 123 47.1 37.2 55.8
 65 14.7 11.5 17.3





#25

Isophorone

Concen: 47.309 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF111237.D

Acq: 10 Dec 2018 12:50

Instrument :

BNA_F

ClientSampleId :

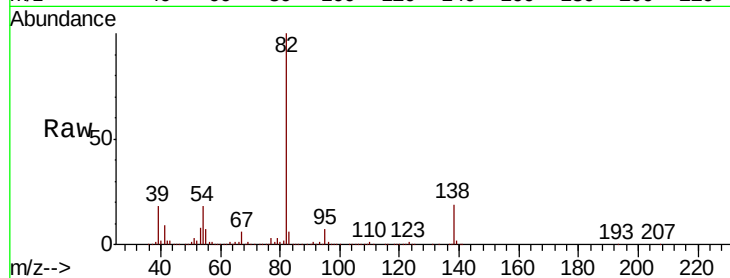
Tot Ion: 82 Resp: 3085150

Ion Ratio Lower Upper

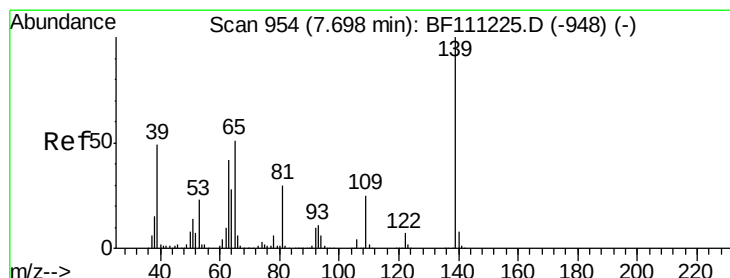
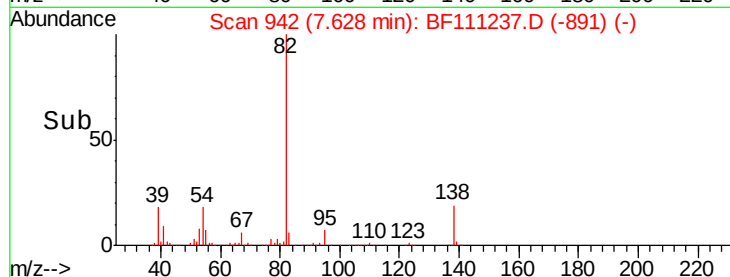
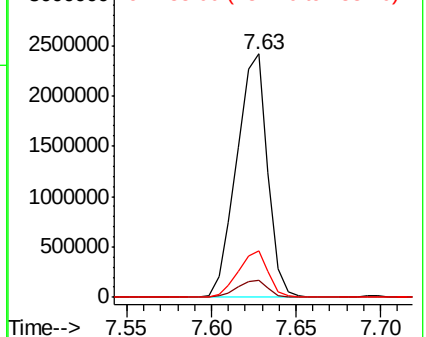
82 100

95 7.2 5.4 8.2

138 19.0 15.1 22.7



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: 43.155 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF111237.D

Acq: 10 Dec 2018 12:50

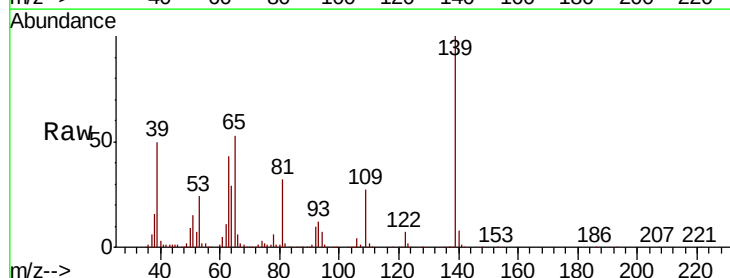
Tgt Ion:139 Resp: 854435

Ion Ratio Lower Upper

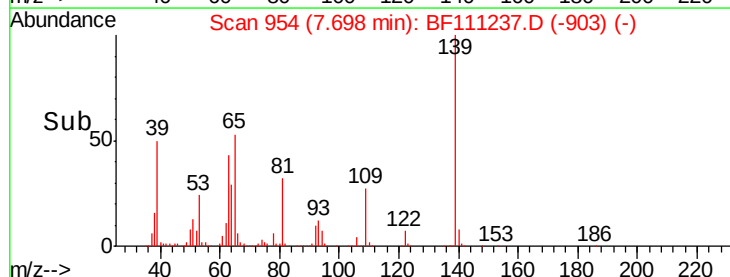
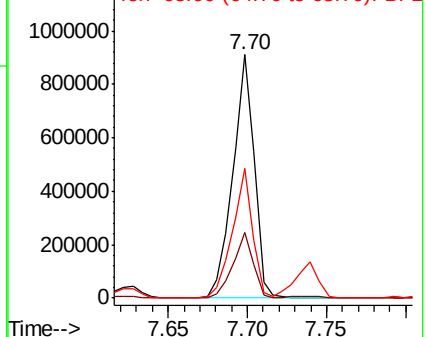
139 100

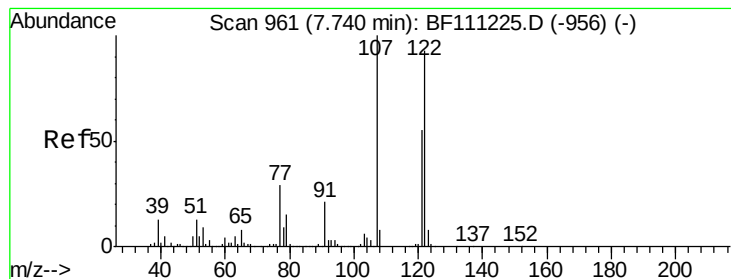
109 27.1 20.2 30.4

65 53.3 40.7 61.1



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 46.577 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.00 min

Lab File: BF111237.D

Acq: 10 Dec 2018 12:50

Instrument :

BNA_F

ClientSampleId :

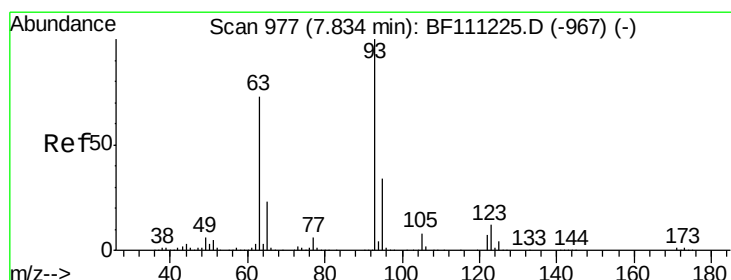
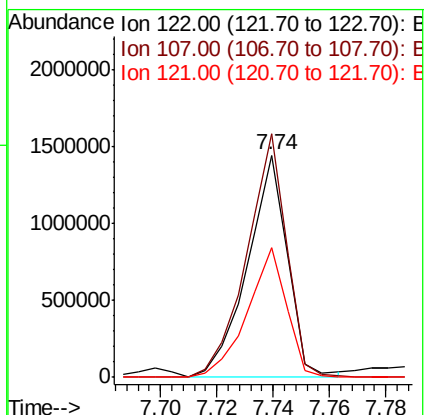
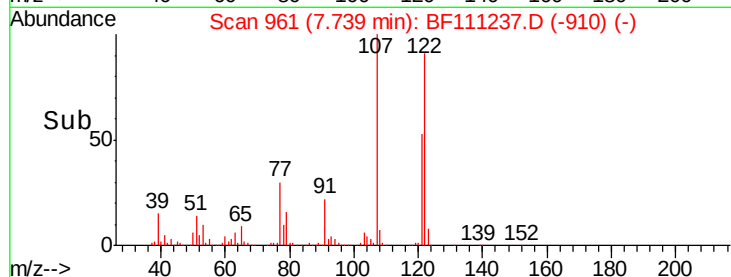
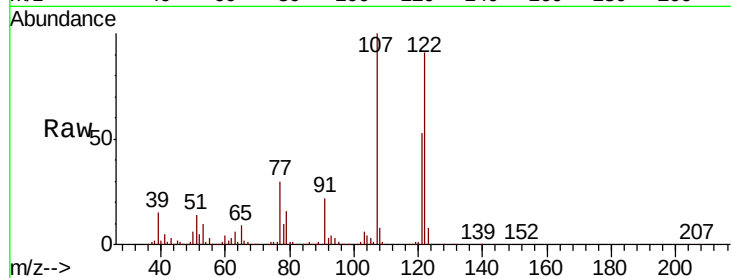
Tot Ion:122 Resp: 1425033

Ion Ratio Lower Upper

122 100

107 109.6 85.5 128.3

121 58.3 46.6 70.0



#28

bis(2-Chloroethoxy)methane

Concen: 43.595 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BF111237.D

Acq: 10 Dec 2018 12:50

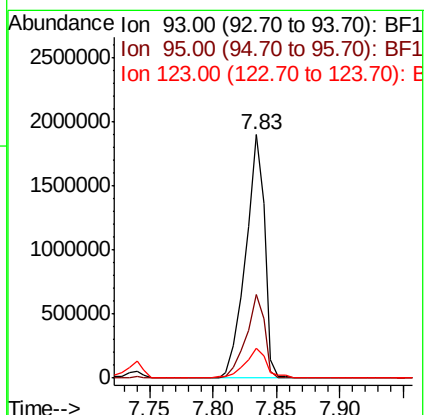
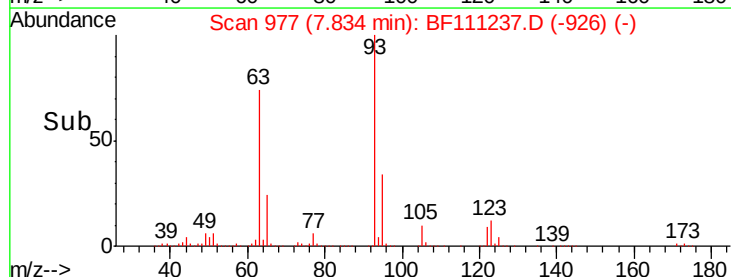
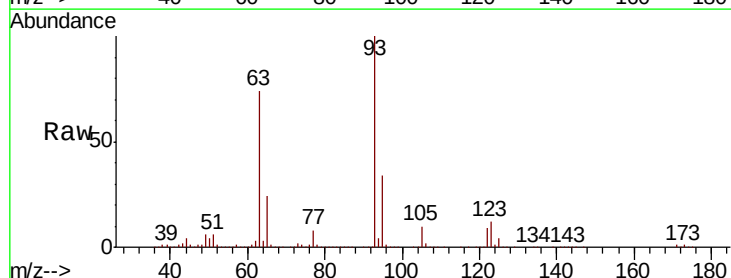
Tgt Ion: 93 Resp: 1968706

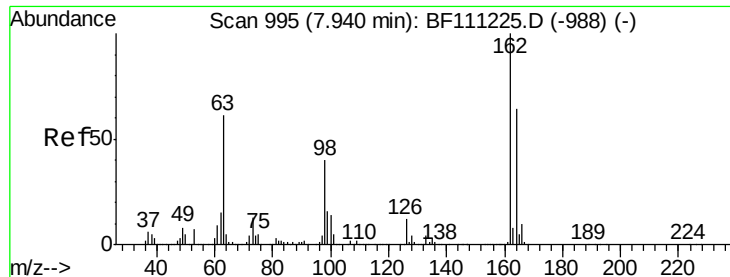
Ion Ratio Lower Upper

93 100

95 34.1 27.1 40.7

123 12.1 9.9 14.9

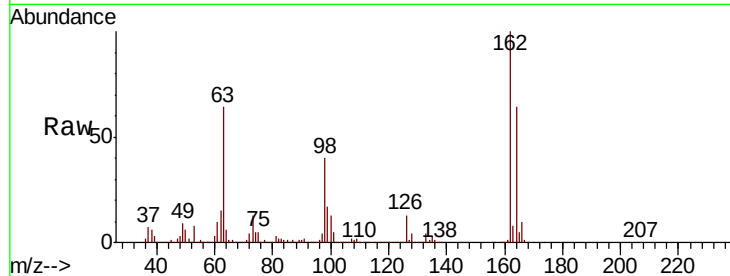




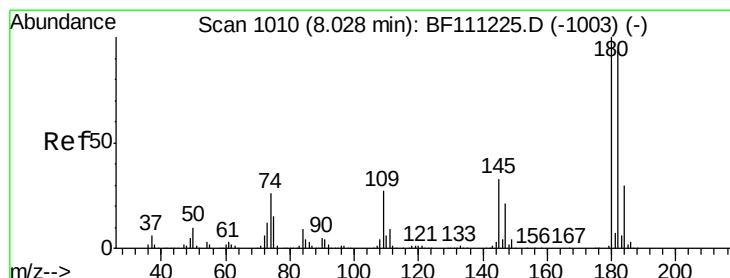
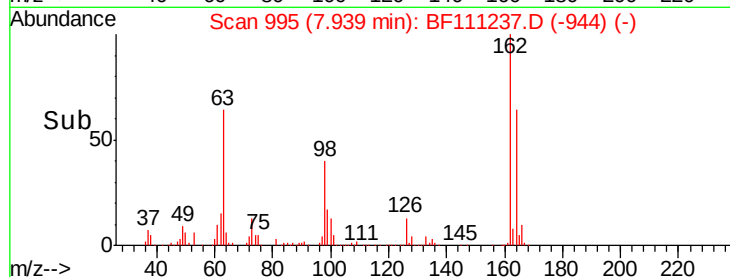
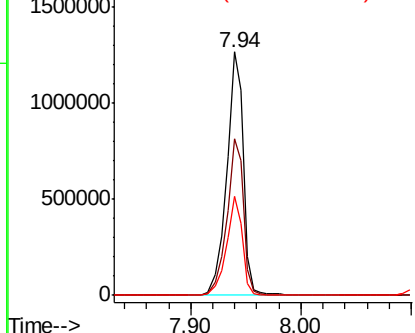
#29
2,4-Dichlorophenol
Concen: 42.569 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 1331704
Ion Ratio Lower Upper
162 100
164 64.3 44.4 84.4
98 40.4 20.3 60.3

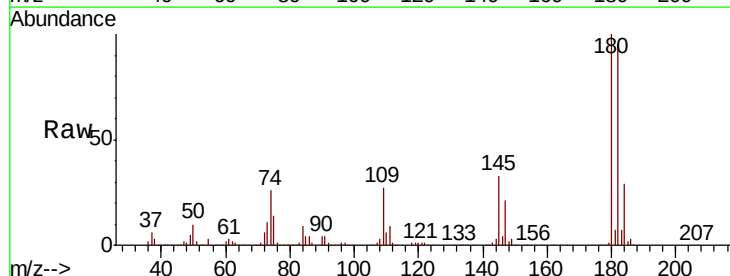


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

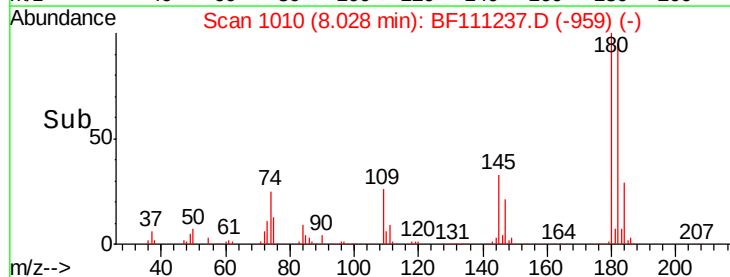
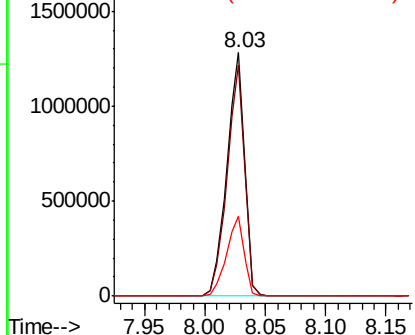


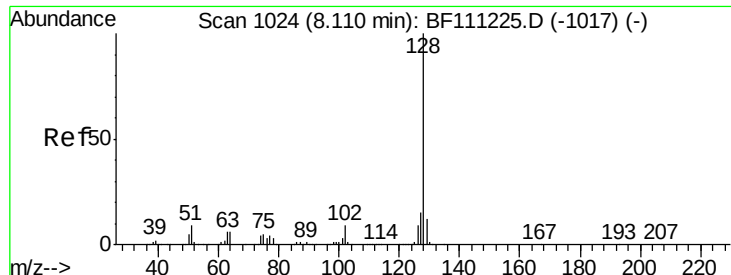
#30
1,2,4-Trichlorobenzene
Concen: 42.127 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Tgt Ion:180 Resp: 1298142
Ion Ratio Lower Upper
180 100
182 94.7 75.6 113.4
145 32.6 26.7 40.1



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

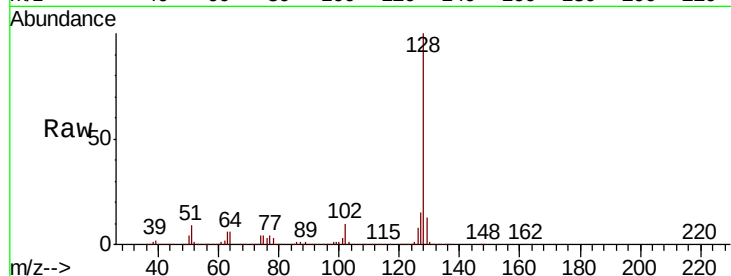




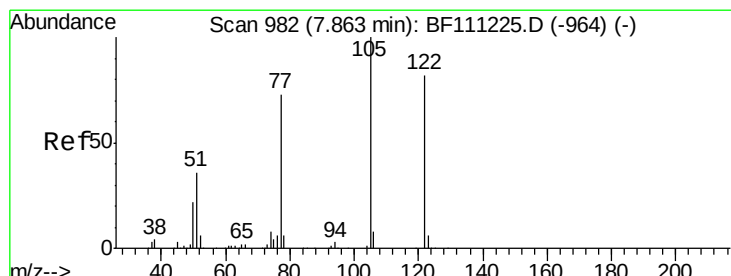
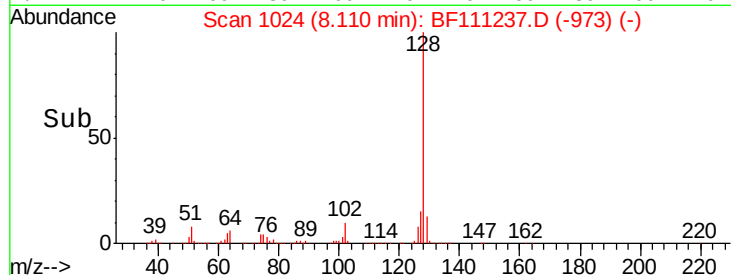
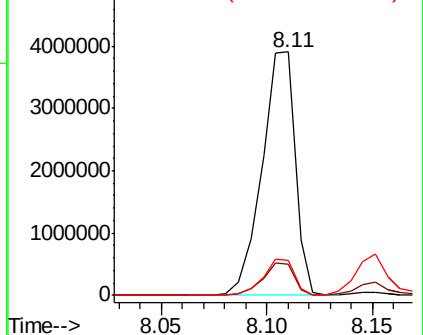
#31
Naphthalene
Concen: 45.776 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 4290493
Ion Ratio Lower Upper
128 100
129 12.6 9.8 14.8
127 14.6 12.0 18.0

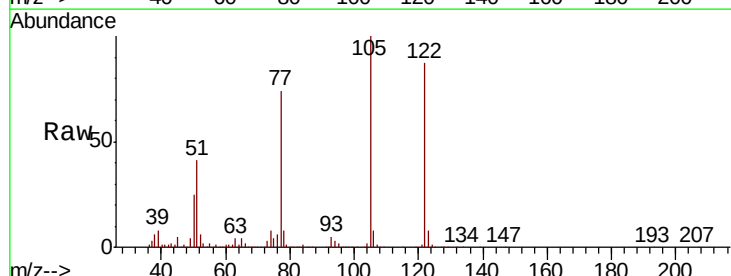


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

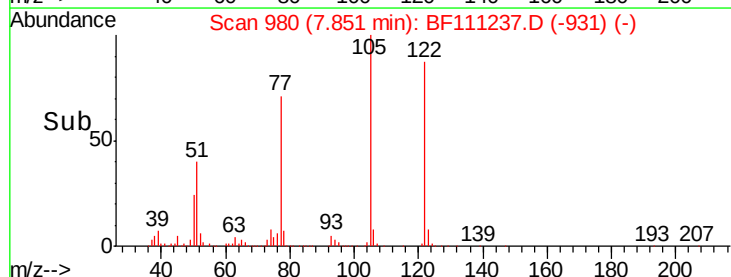
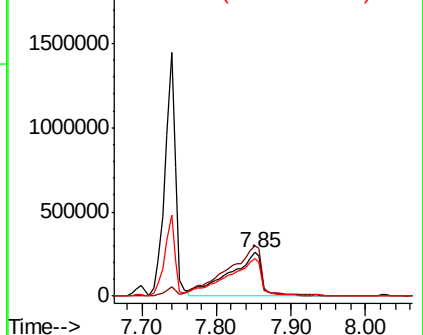


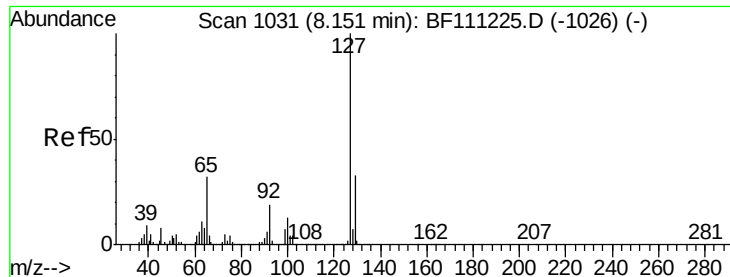
#32
Benzoic acid
Concen: 31.897 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Tgt Ion:122 Resp: 806990
Ion Ratio Lower Upper
122 100
105 115.3 97.0 137.0
77 85.8 65.7 105.7



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

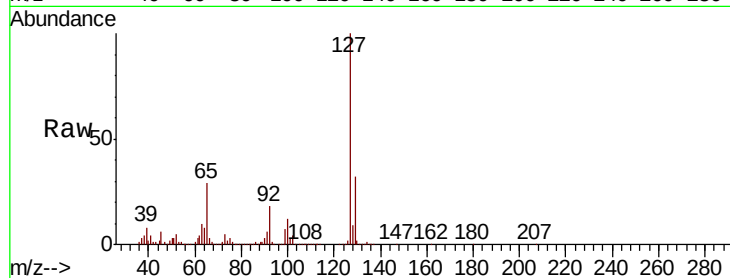




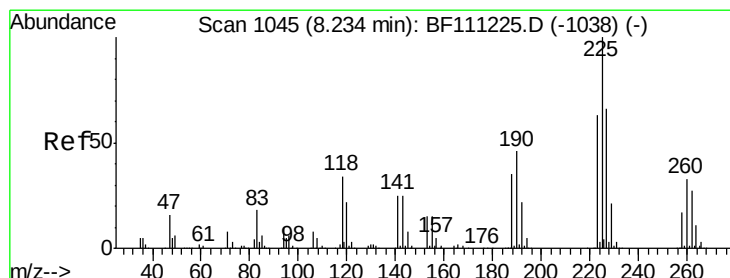
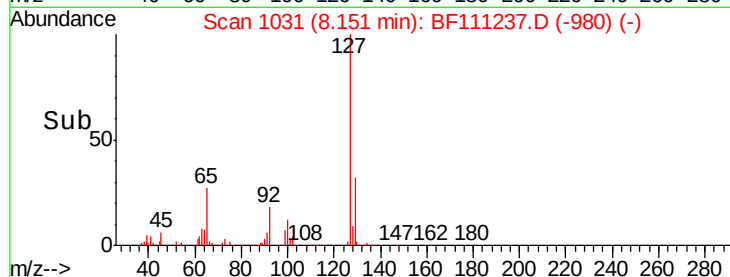
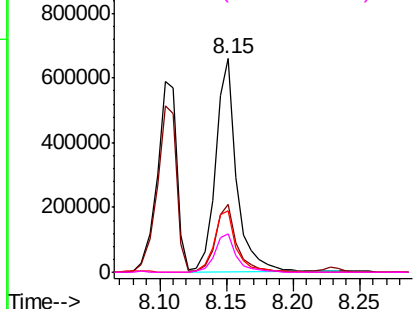
#33
4-Chloroaniline
Concen: 16.190 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:127	Resp:	728842	
Ion Ratio	Lower	Upper	
127 100			
129 31.7	26.6	39.8	
65 28.5	25.7	38.5	
92 18.1	15.4	23.2	

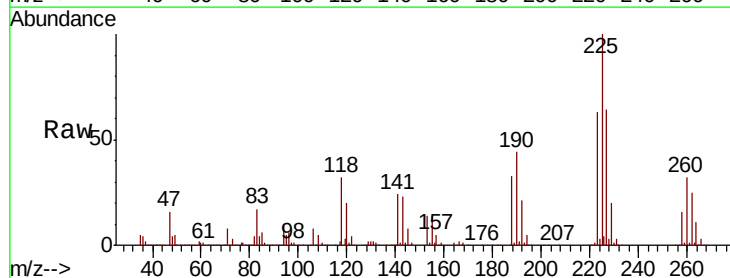


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

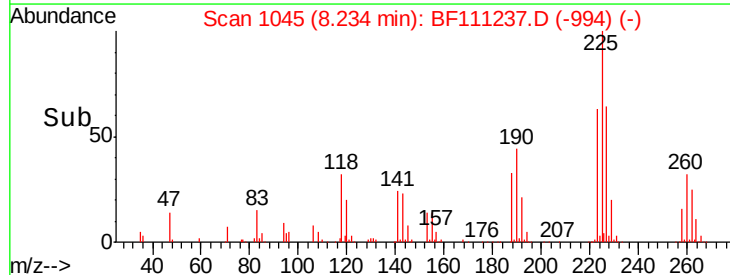
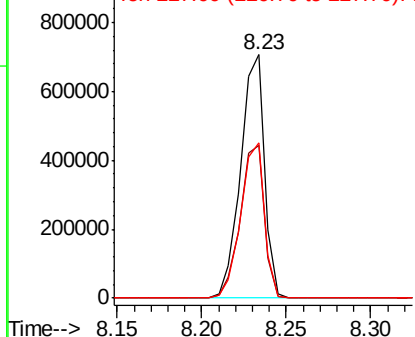


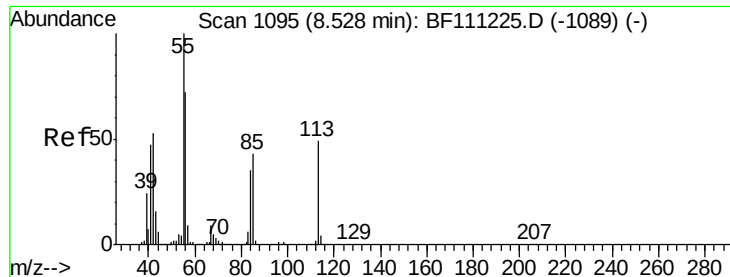
#34
Hexachlorobutadiene
Concen: 40.956 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Tgt	Ion:225	Resp:	696668
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.7	76.1
227	63.6	52.6	78.8



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





#35

Caprolactam

Concen: 25.749 ng

RT: 8.52 min Scan# 1094

Delta R.T. -0.01 min

Lab File: BF111237.D

Acq: 10 Dec 2018 12:50

Instrument :

BNA_F

ClientSampleId :

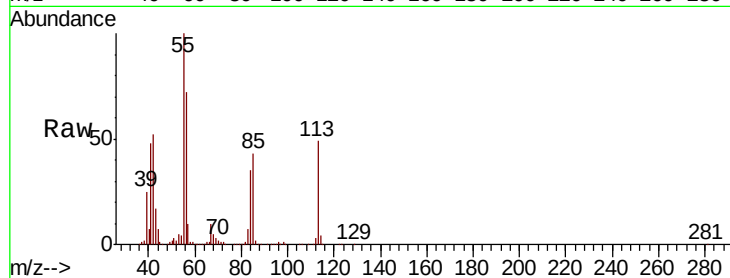
Tot Ion:113 Resp: 285437

Ion Ratio Lower Upper

113 100

55 202.8 184.1 224.1

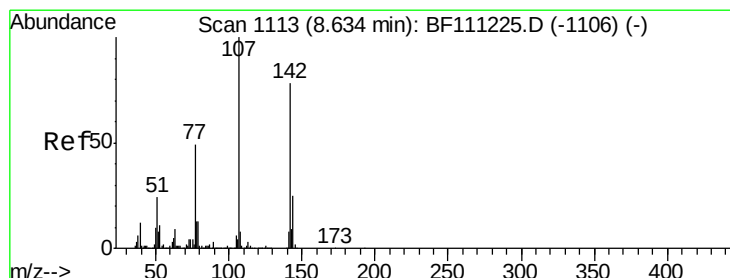
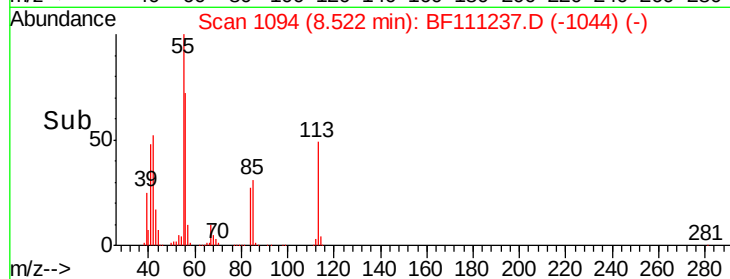
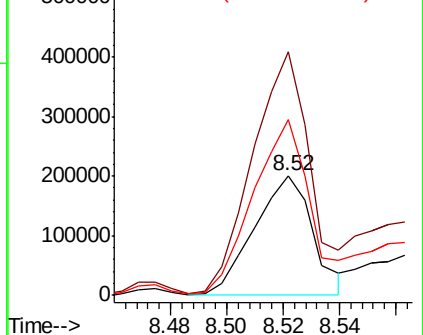
56 146.3 126.0 166.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 48.126 ng

RT: 8.64 min Scan# 1114

Delta R.T. 0.01 min

Lab File: BF111237.D

Acq: 10 Dec 2018 12:50

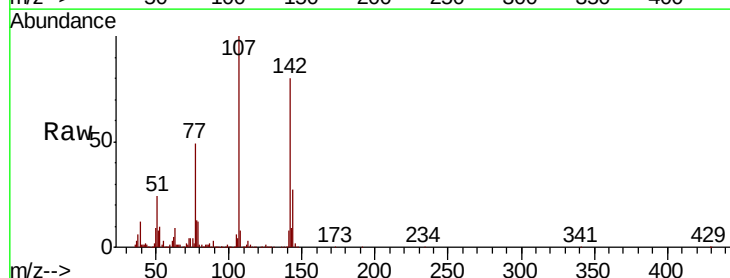
Tgt Ion:107 Resp: 1541476

Ion Ratio Lower Upper

107 100

144 26.6 19.8 29.6

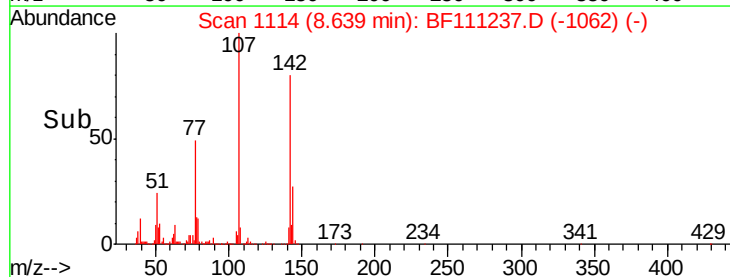
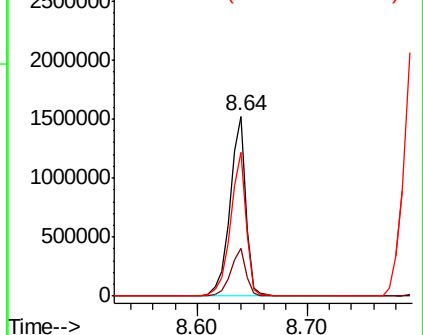
142 79.7 62.3 93.5

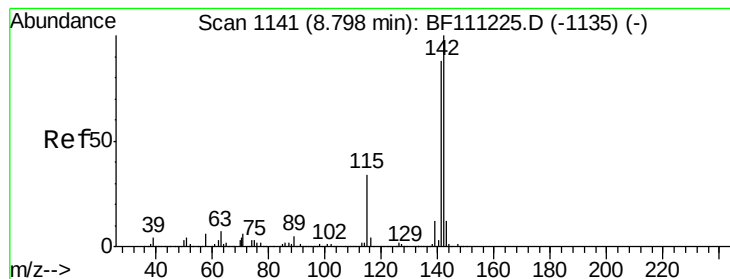


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 50.370 ng

RT: 8.80 min Scan# 1141

Delta R.T. -0.00 min

Lab File: BF111237.D

Acq: 10 Dec 2018 12:50

Instrument :

BNA_F

ClientSampleId :

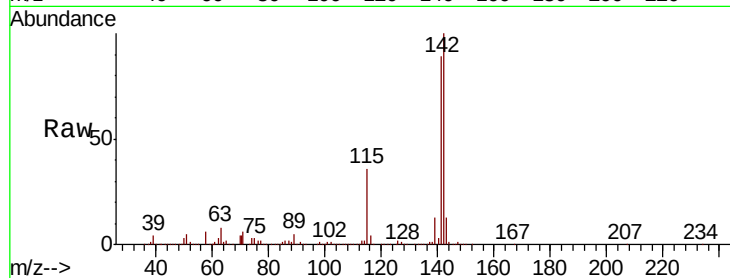
Tot Ion:142 Resp: 3134384

Ion Ratio Lower Upper

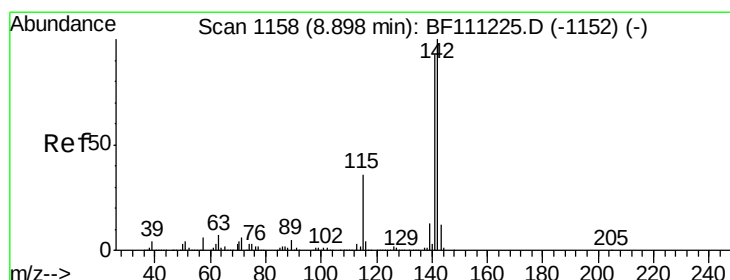
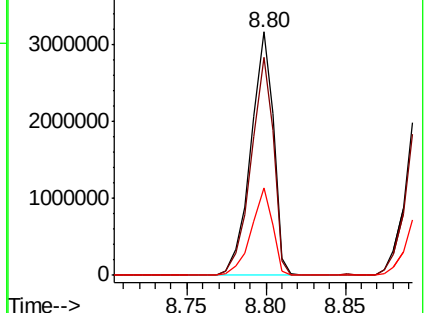
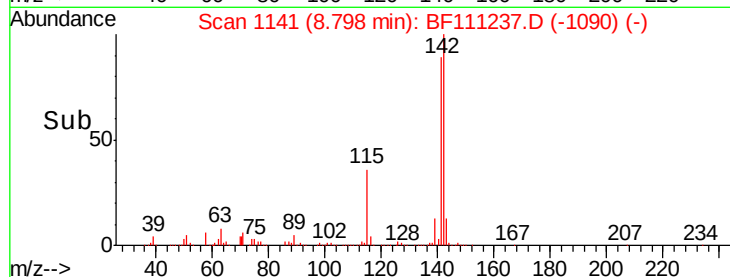
142 100

141 89.4 70.6 105.8

115 35.8 27.0 40.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 46.253 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF111237.D

Acq: 10 Dec 2018 12:50

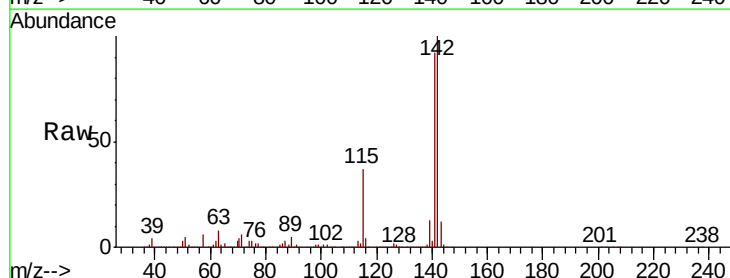
Tgt Ion:142 Resp: 2818644

Ion Ratio Lower Upper

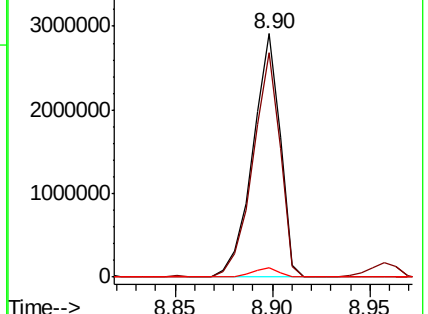
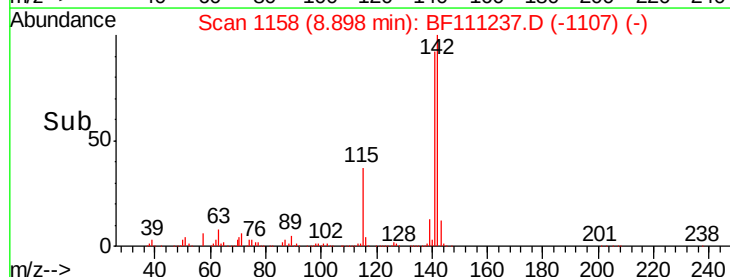
142 100

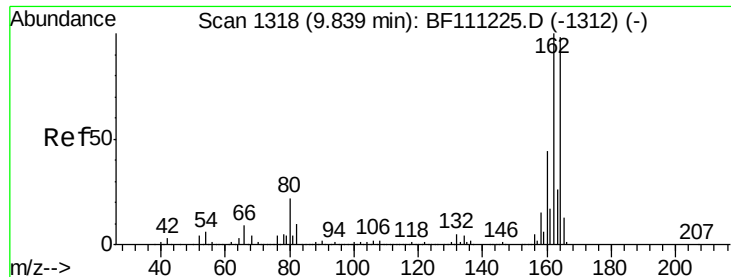
141 92.3 74.2 111.4

116 3.9 2.9 4.3



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

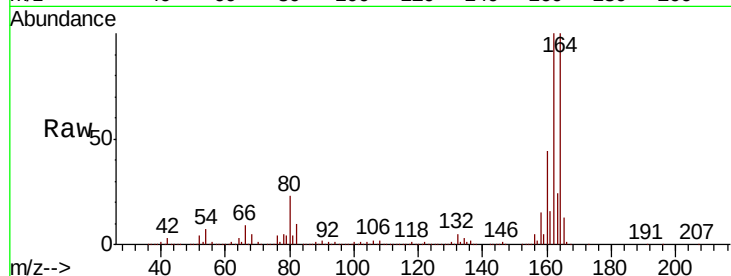




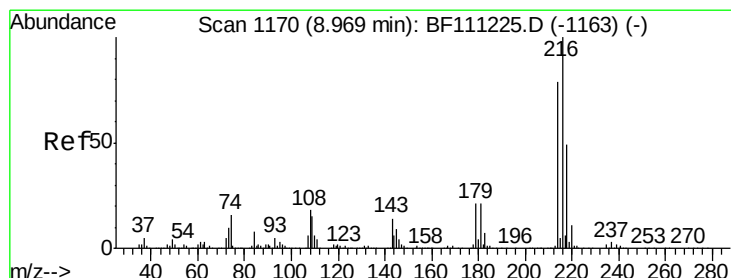
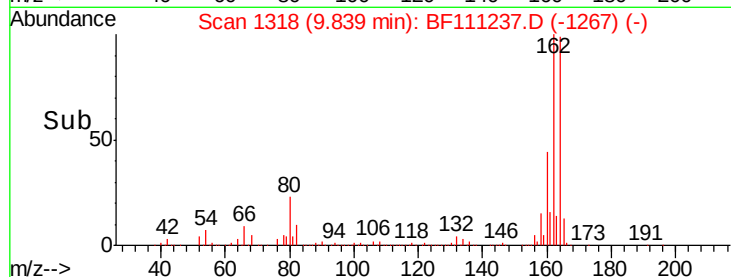
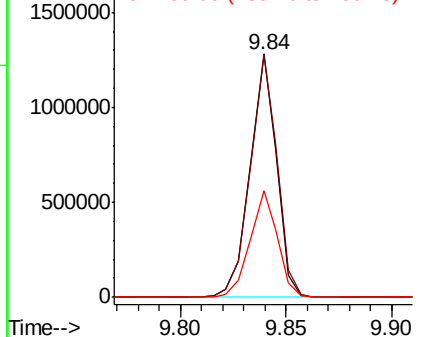
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 1118967
Ion Ratio Lower Upper
164 100
162 99.8 81.4 122.0
160 43.8 35.7 53.5

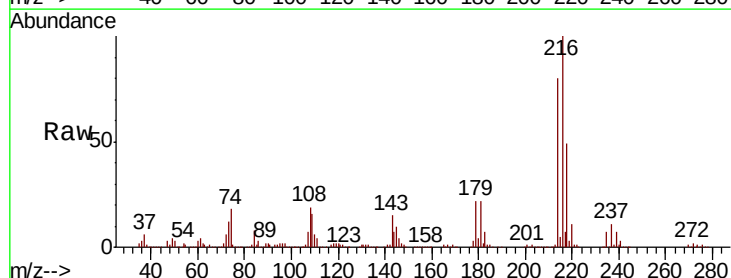


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

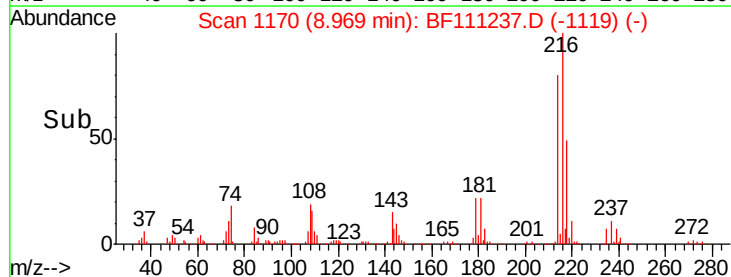
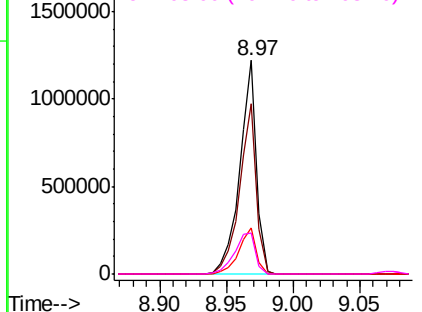


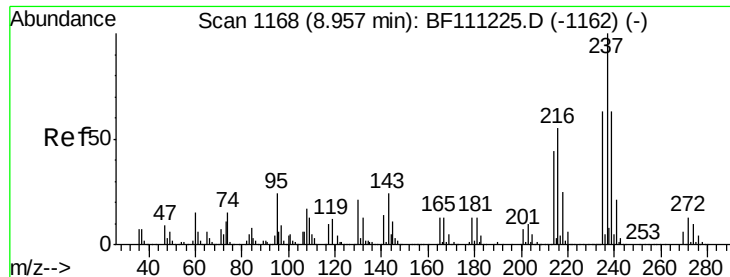
#40
1,2,4,5-Tetrachlorobenzene
Concen: 34.141 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Tgt Ion:216 Resp: 1063009
Ion Ratio Lower Upper
216 100
214 80.0 63.8 95.8
179 22.5 17.9 26.9
108 24.8 18.4 27.6



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





#41

Hexachlorocyclopentadiene

Concen: 67.744 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BF111237.D

Acq: 10 Dec 2018 12:50

Instrument :

BNA_F

ClientSampleId :

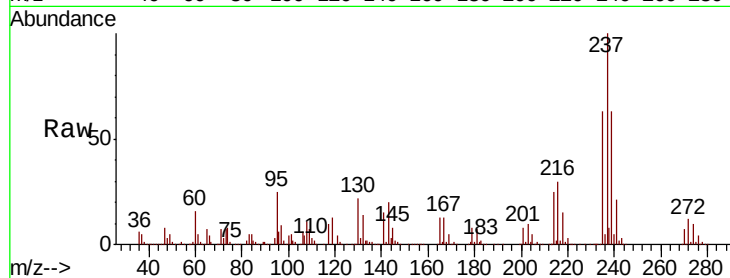
Tot Ion:237 Resp: 1201213

Ion Ratio Lower Upper

237 100

235 63.0 43.1 83.1

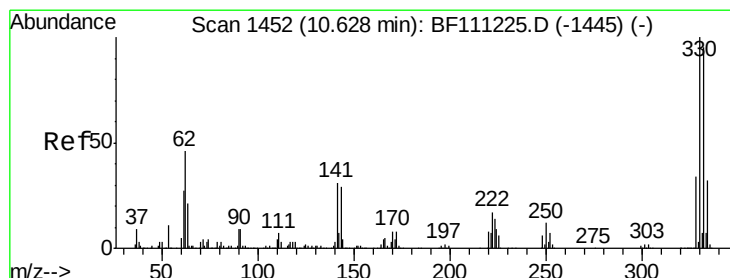
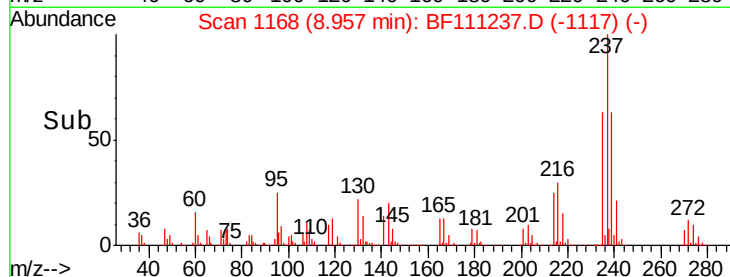
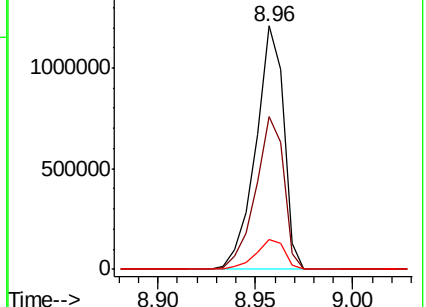
272 12.3 0.0 33.0



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 106.093 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.01 min

Lab File: BF111237.D

Acq: 10 Dec 2018 12:50

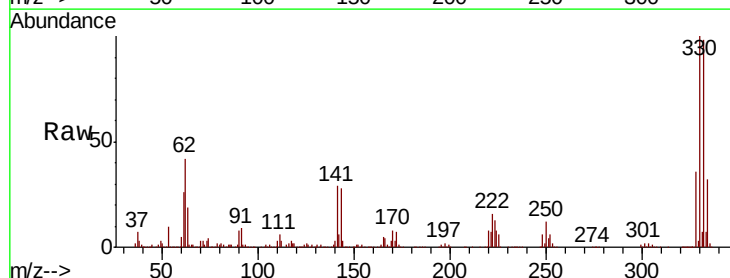
Tgt Ion:330 Resp: 1051588

Ion Ratio Lower Upper

330 100

332 96.4 76.0 114.0

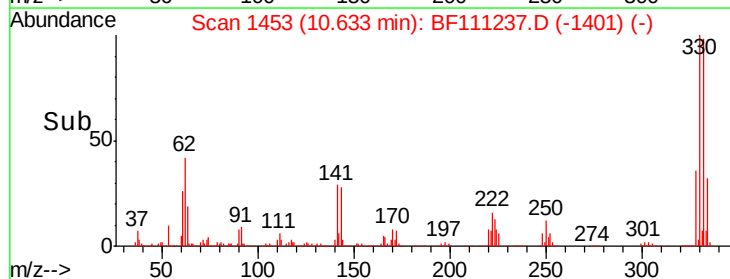
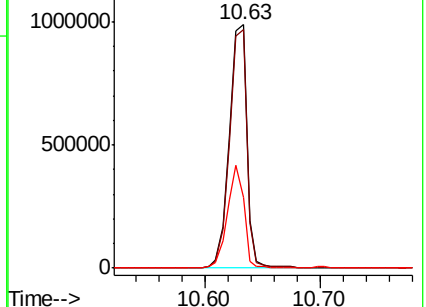
141 39.3 31.0 46.6

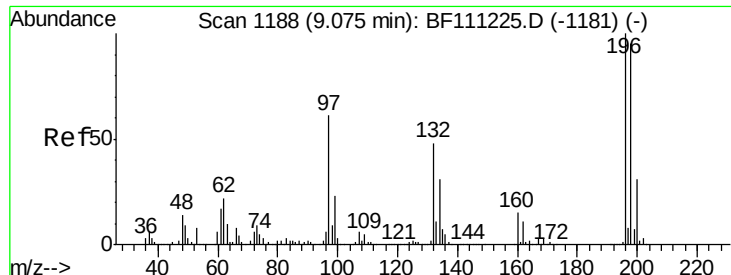


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

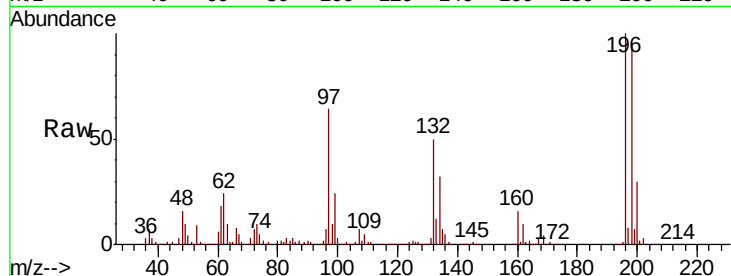




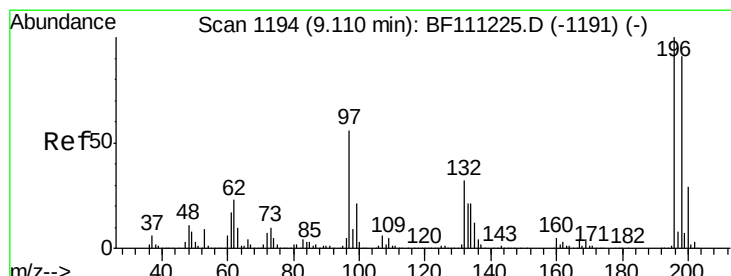
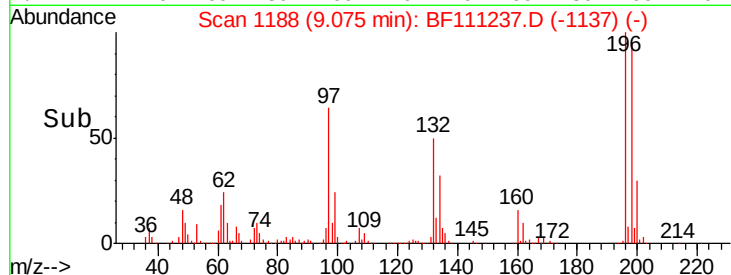
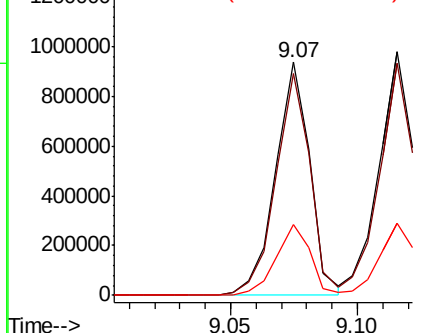
#43
 2,4,6-Trichlorophenol
 Concen: 37.609 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF111237.D
 Acq: 10 Dec 2018 12:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 878966
 Ion Ratio Lower Upper
 196 100
 198 94.9 76.3 114.5
 200 30.2 24.9 37.3

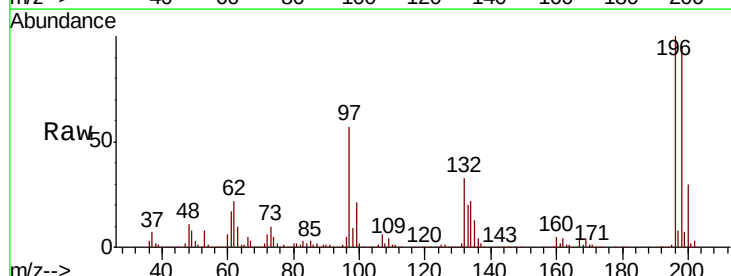


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

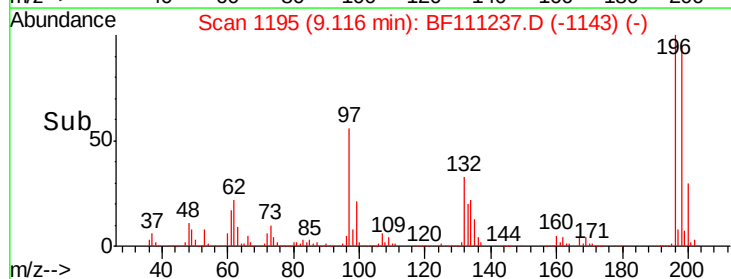
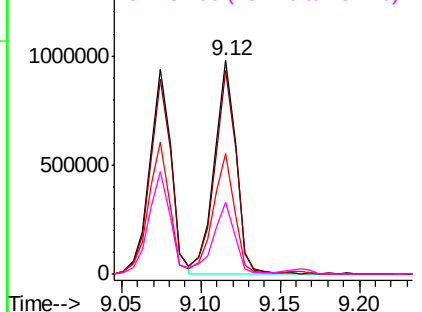


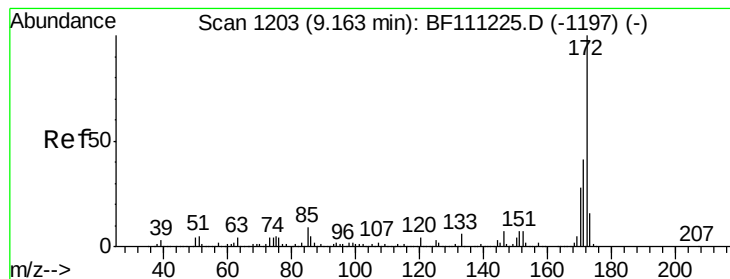
#44
 2,4,5-Trichlorophenol
 Concen: 38.101 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: BF111237.D
 Acq: 10 Dec 2018 12:50

Tgt Ion:196 Resp: 927621
 Ion Ratio Lower Upper
 196 100
 198 95.2 72.9 109.3
 97 56.5 45.3 67.9
 132 33.4 25.5 38.3



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E





#45

2-Fluorobiphenyl

Concen: 73.662 ng

RT: 9.16 min Scan# 1203

Delta R.T. 0.00 min

Lab File: BF111237.D

Acq: 10 Dec 2018 12:50

Instrument :

BNA_F

ClientSampleId :

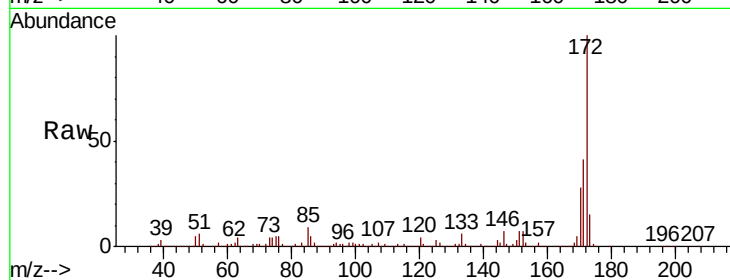
Tot Ion:172 Resp: 4939069

Ion Ratio Lower Upper

172 100

171 41.4 33.0 49.4

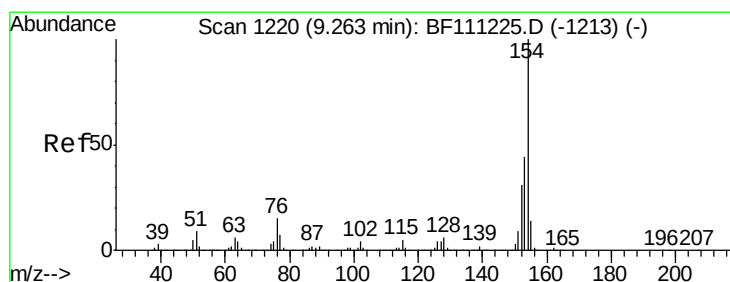
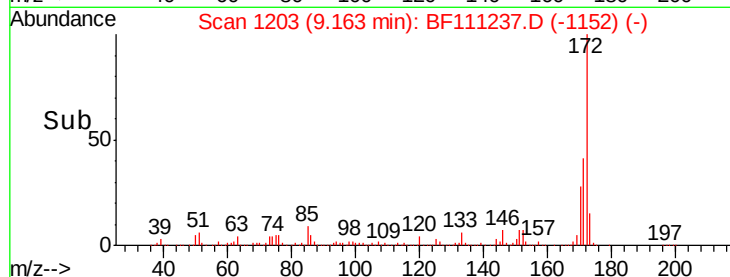
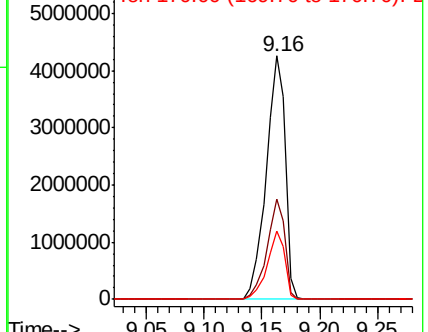
170 28.0 22.3 33.5



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 35.020 ng

RT: 9.26 min Scan# 1220

Delta R.T. 0.00 min

Lab File: BF111237.D

Acq: 10 Dec 2018 12:50

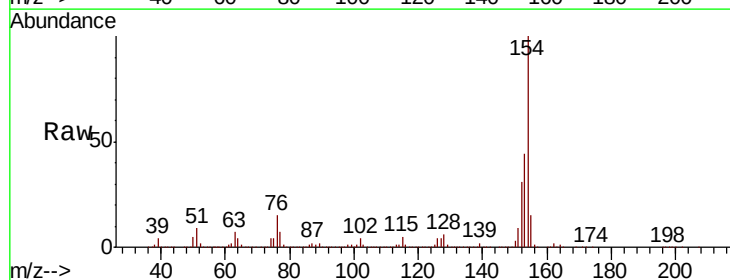
Tgt Ion:154 Resp: 3279882

Ion Ratio Lower Upper

154 100

153 44.4 23.7 63.7

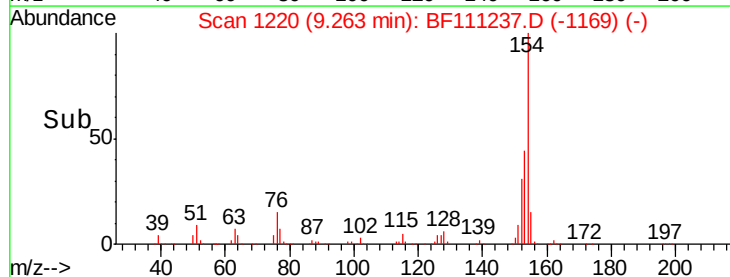
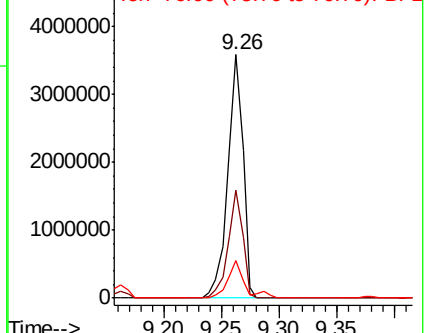
76 15.2 0.0 35.0

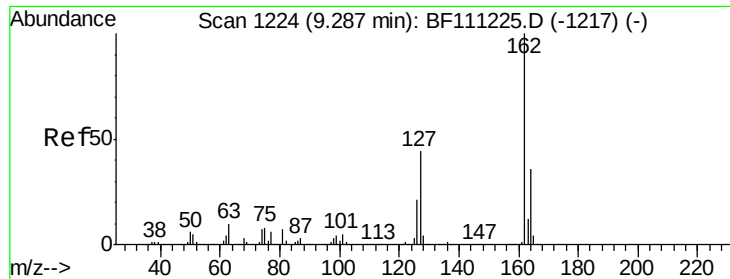


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 35.855 ng

RT: 9.29 min Scan# 1224

Delta R.T. -0.00 min

Lab File: BF111237.D

Acq: 10 Dec 2018 12:50

Instrument :

BNA_F

ClientSampleId :

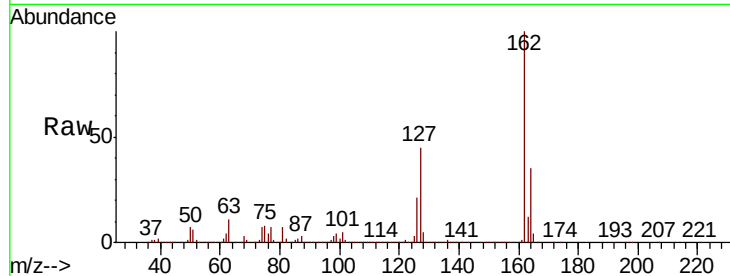
Tot Ion:162 Resp: 2625189

Ion Ratio Lower Upper

162 100

127 44.7 35.0 52.4

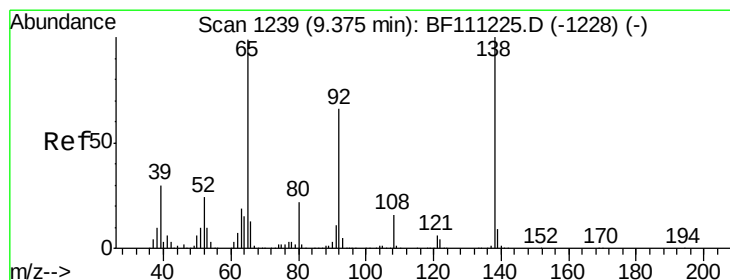
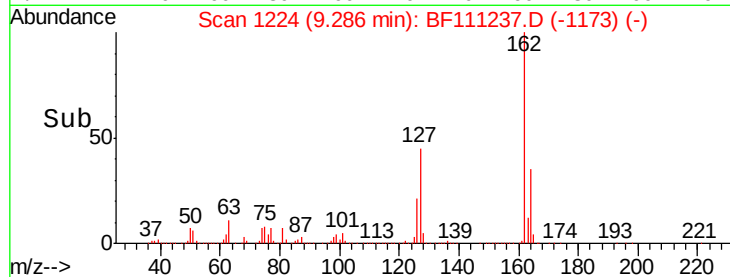
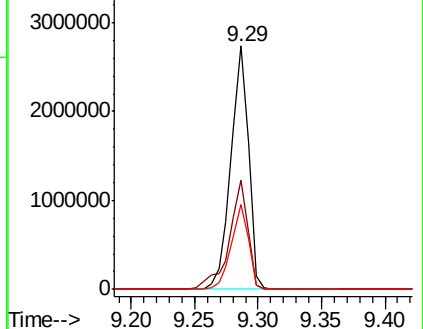
164 34.8 28.4 42.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 38.290 ng

RT: 9.38 min Scan# 1240

Delta R.T. 0.01 min

Lab File: BF111237.D

Acq: 10 Dec 2018 12:50

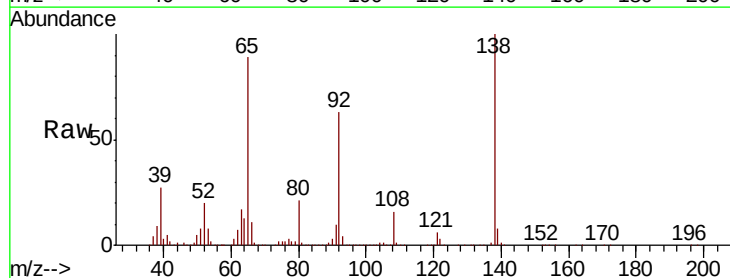
Tgt Ion: 65 Resp: 956327

Ion Ratio Lower Upper

65 100

92 70.9 53.5 80.3

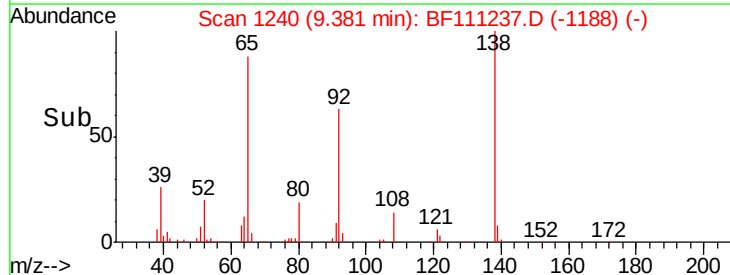
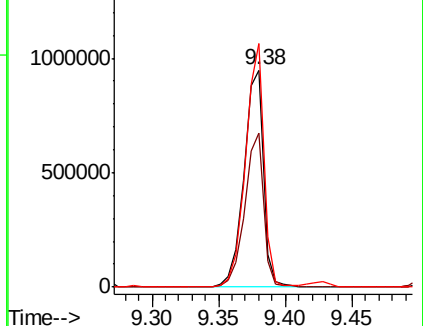
138 112.2 80.9 121.3

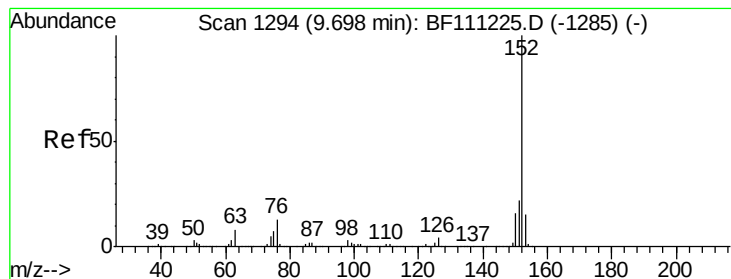


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.629 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.01 min

Lab File: BF111237.D

Acq: 10 Dec 2018 12:50

Instrument :

BNA_F

ClientSampled :

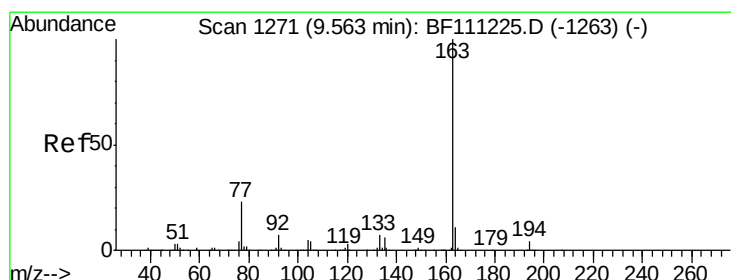
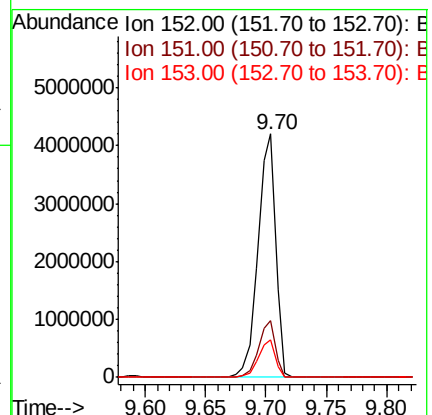
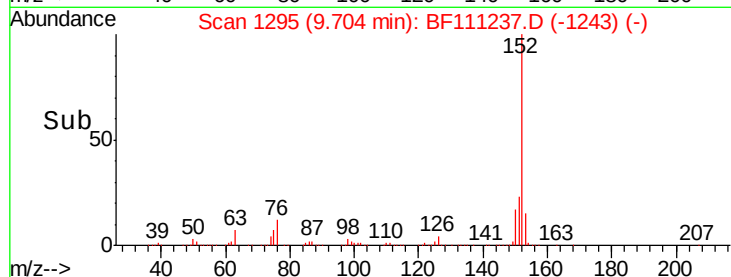
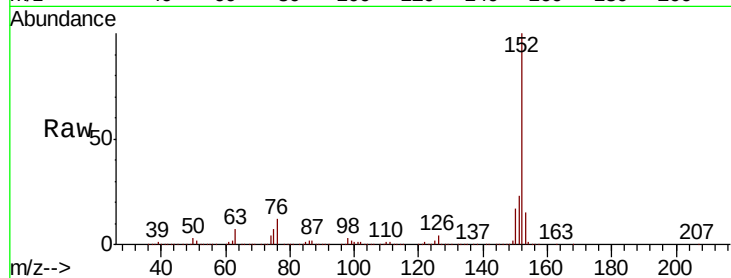
Tot Ion:152 Resp: 4318505

Ion Ratio Lower Upper

152 100

151 23.3 18.0 27.0

153 15.4 12.3 18.5



#50

Dimethylphthalate

Concen: 40.290 ng

RT: 9.57 min Scan# 1272

Delta R.T. 0.01 min

Lab File: BF111237.D

Acq: 10 Dec 2018 12:50

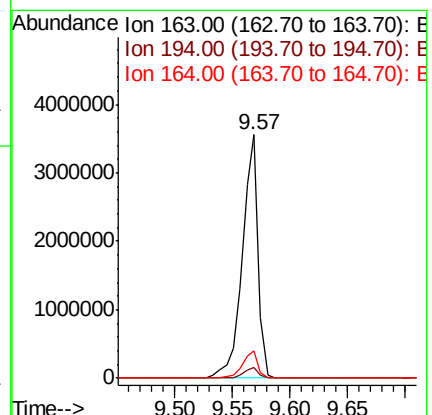
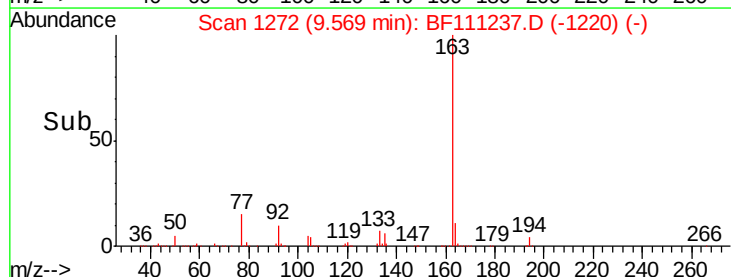
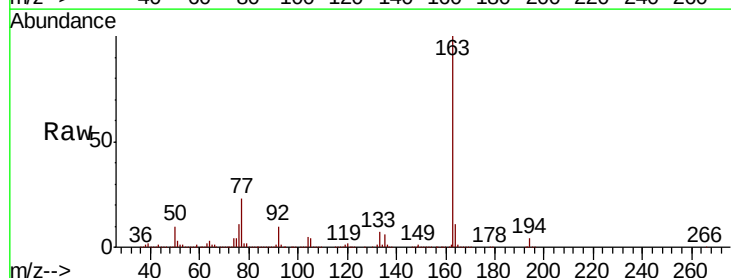
Tgt Ion:163 Resp: 3326464

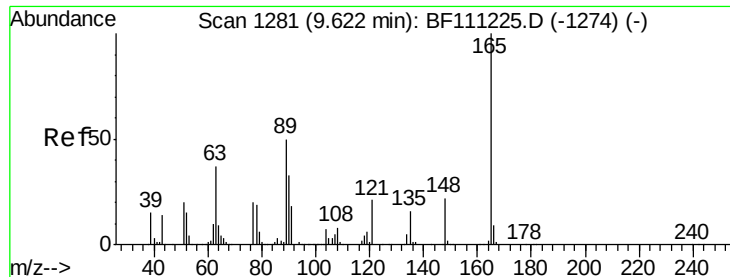
Ion Ratio Lower Upper

163 100

194 4.2 3.0 4.6

164 11.2 8.9 13.3

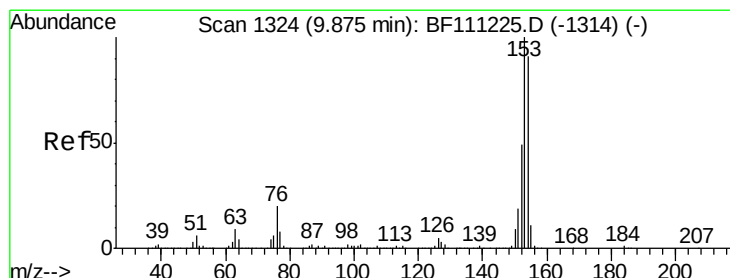
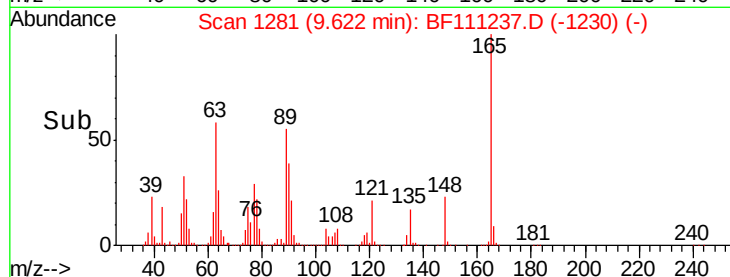
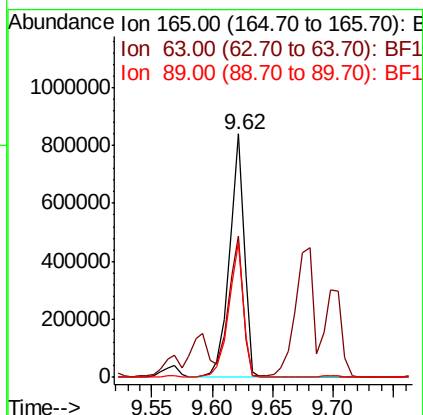
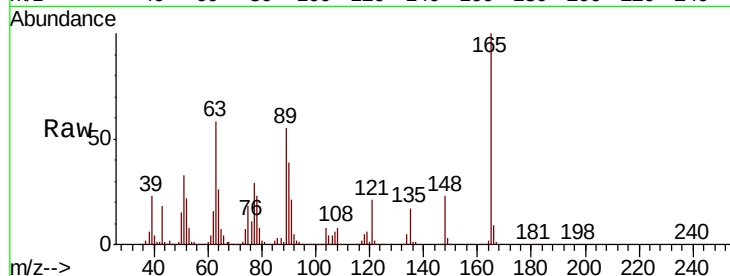




#51
 2,6-Dinitrotoluene
 Concen: 39.402 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: BF111237.D
 Acq: 10 Dec 2018 12:50

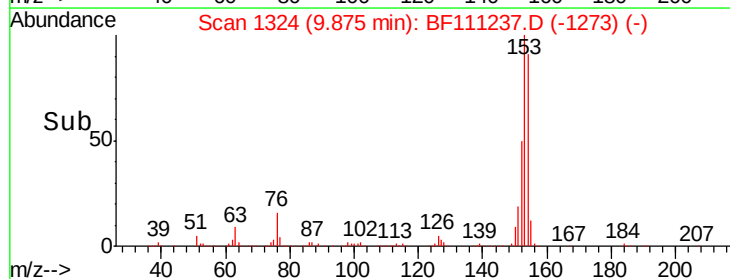
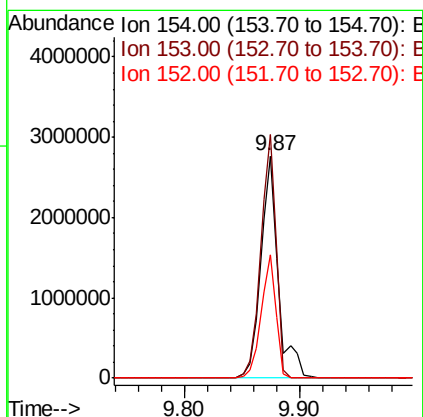
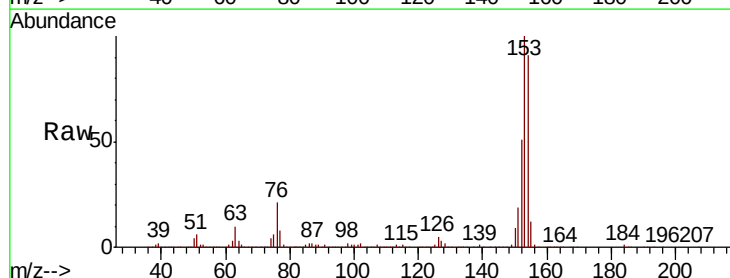
Instrument :
 BNA_F
 ClientSampled :

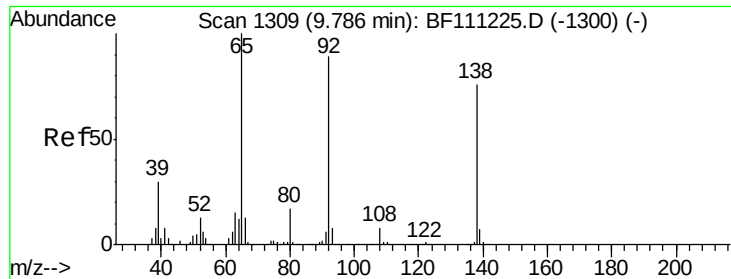
Tot Ion:165 Resp: 718430
 Ion Ratio Lower Upper
 165 100
 63 58.0 40.5 60.7
 89 55.2 40.0 60.0



#52
 Acenaphthene
 Concen: 43.933 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: BF111237.D
 Acq: 10 Dec 2018 12:50

Tgt Ion:154 Resp: 2930420
 Ion Ratio Lower Upper
 154 100
 153 109.6 87.8 131.8
 152 55.5 43.4 65.2

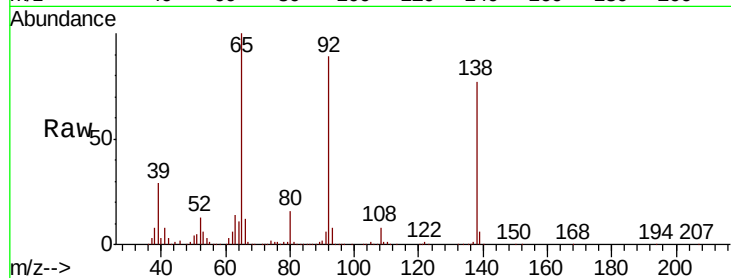




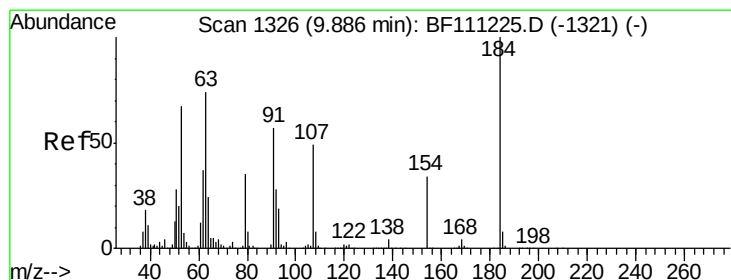
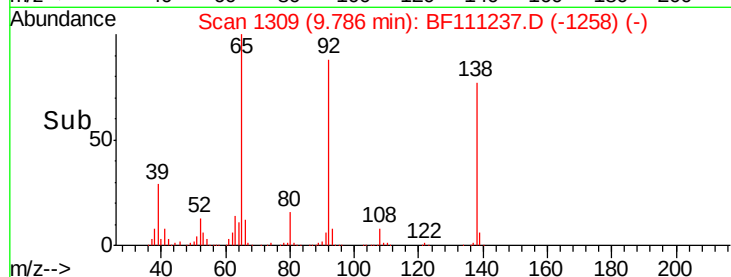
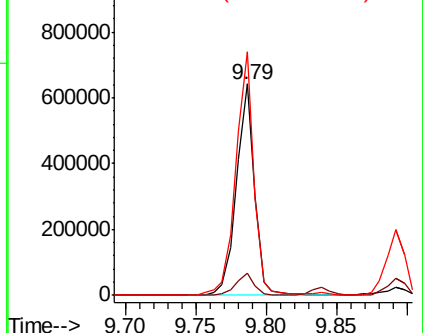
#53
3-Nitroaniline
Concen: 25.423 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 572158
Ion Ratio Lower Upper
138 100
108 10.2 8.2 12.4
92 115.1 93.4 140.2

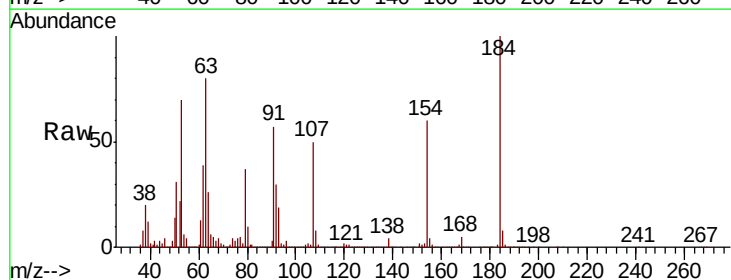


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

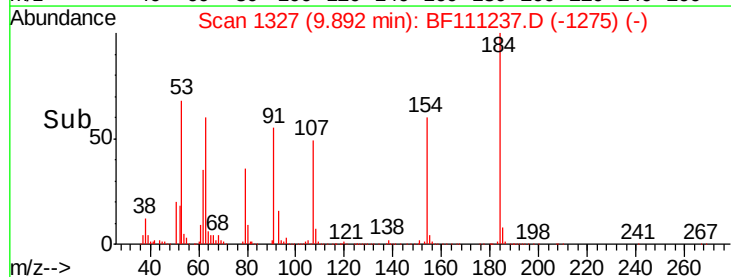
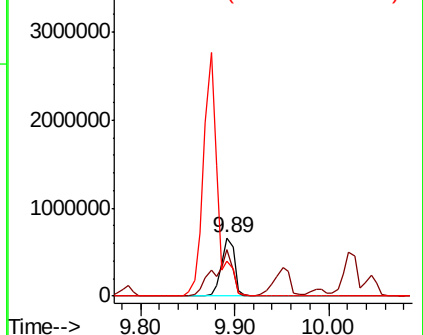


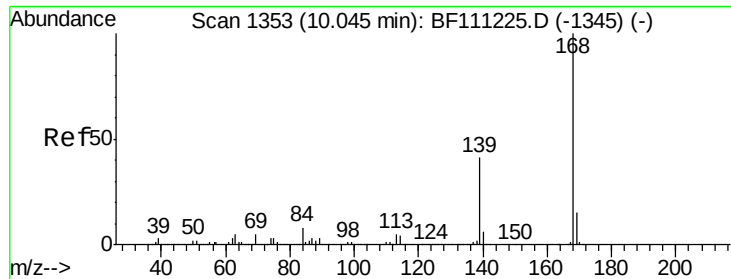
#54
2,4-Dinitrophenol
Concen: 91.316 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Tgt Ion:184 Resp: 657958
Ion Ratio Lower Upper
184 100
63 79.8 62.3 93.5
154 60.2 56.2 84.2



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

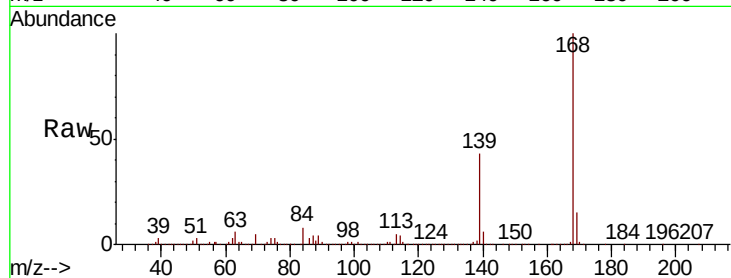




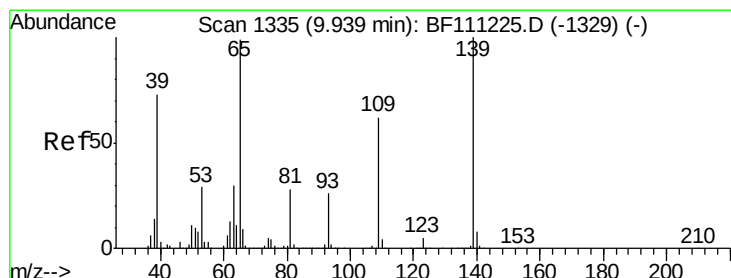
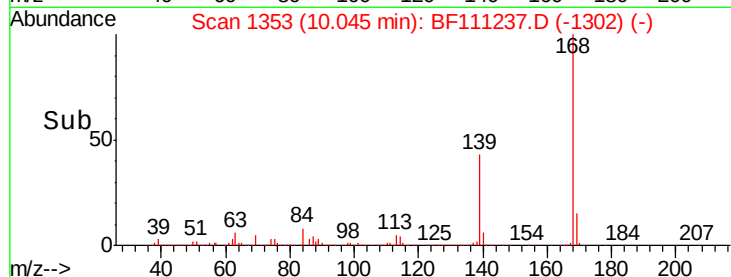
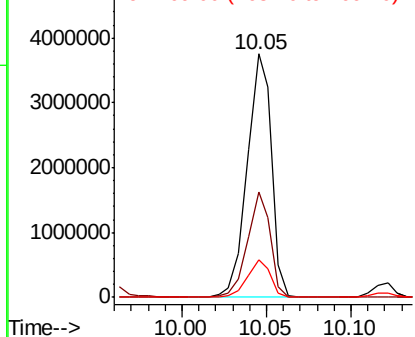
#55
Dibenzofuran
Concen: 41.574 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 3772629
Ion Ratio Lower Upper
168 100
139 43.3 32.6 49.0
169 15.3 11.8 17.6

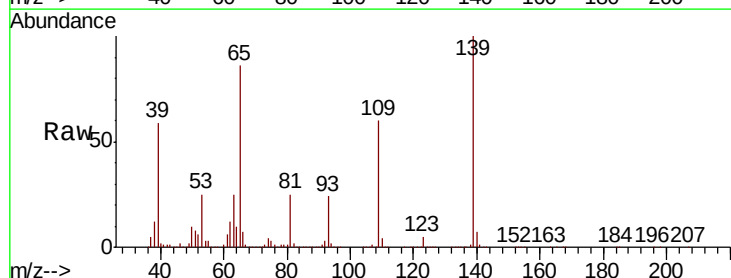


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

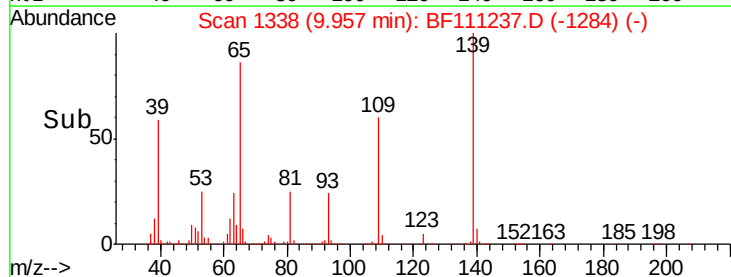
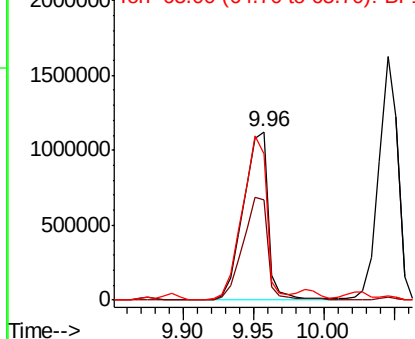


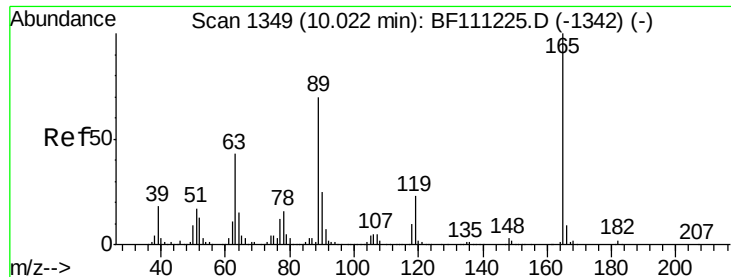
#56
4-Nitrophenol
Concen: 79.105 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.02 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Tgt Ion:139 Resp: 1386563
Ion Ratio Lower Upper
139 100
109 59.6 41.8 81.8
65 86.4 79.6 119.6



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

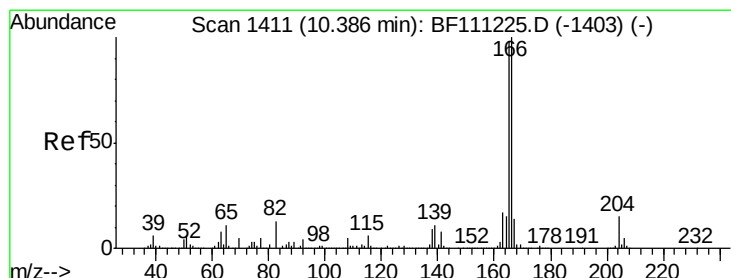
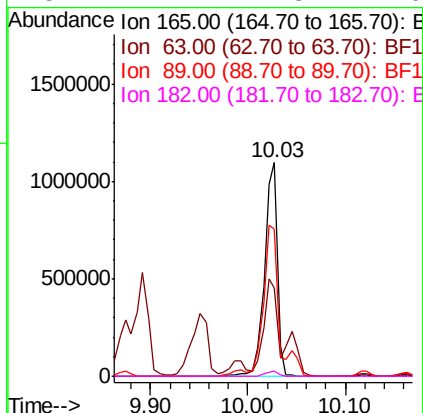
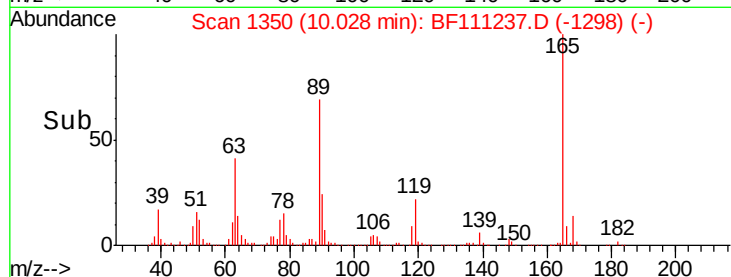
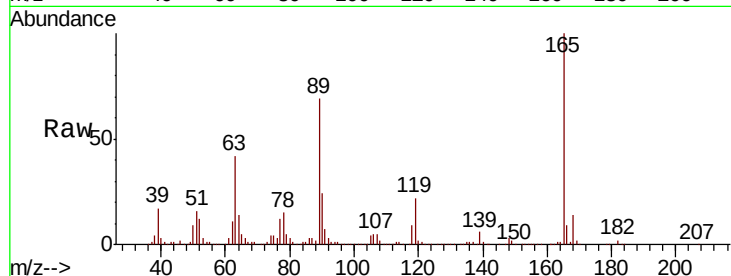




#57
2,4-Dinitrotoluene
Concen: 46.074 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

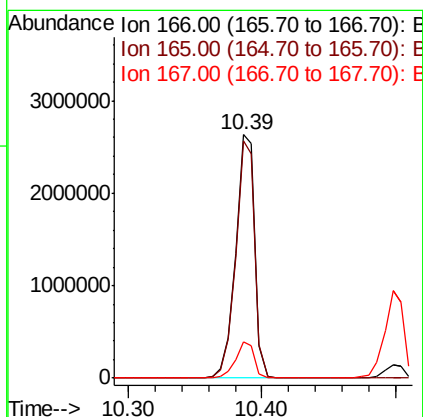
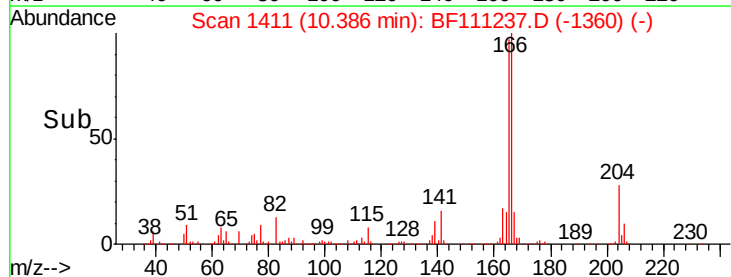
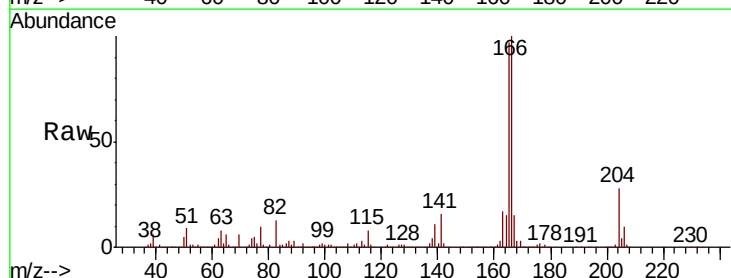
Instrument :
BNA_F
ClientSampleId :

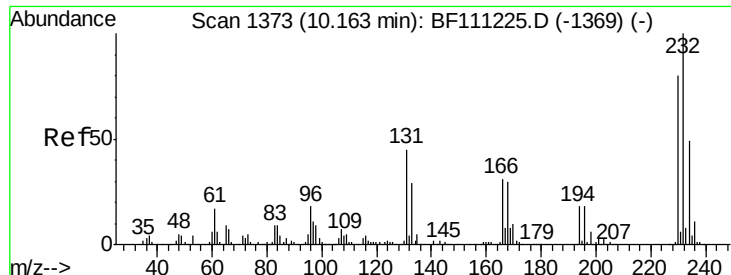
Tot Ion:165 Resp: 1035643
Ion Ratio Lower Upper
165 100
63 41.6 34.6 52.0
89 68.7 56.2 84.4
182 2.4 1.8 2.6



#58
Fluorene
Concen: 37.578 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Tgt Ion:166 Resp: 2638770
Ion Ratio Lower Upper
166 100
165 97.5 78.4 117.6
167 14.7 11.2 16.8

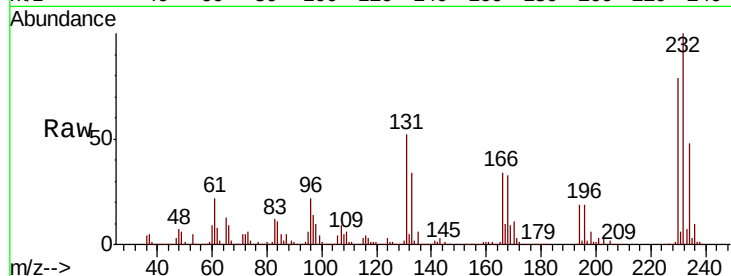




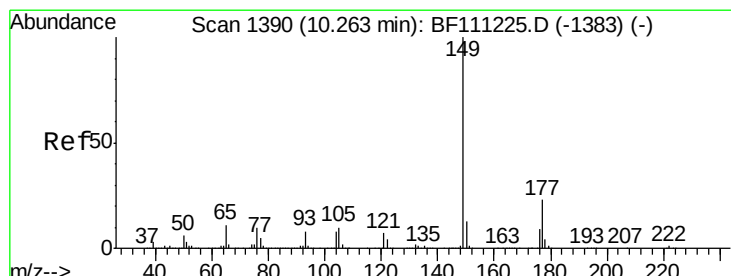
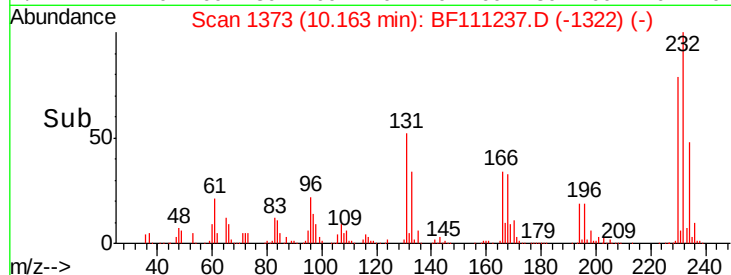
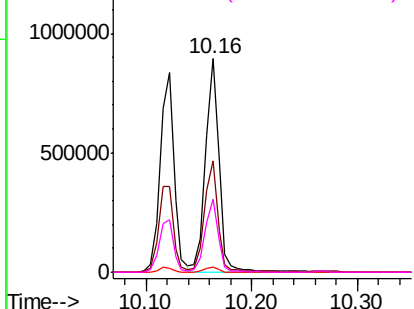
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.358 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. -0.00 min
 Lab File: BF111237.D
 Acq: 10 Dec 2018 12:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	800139
Ion	Ratio	Lower	Upper
232	100		
131	50.9	40.9	61.3
130	2.5	2.0	3.0
166	32.9	26.8	40.2

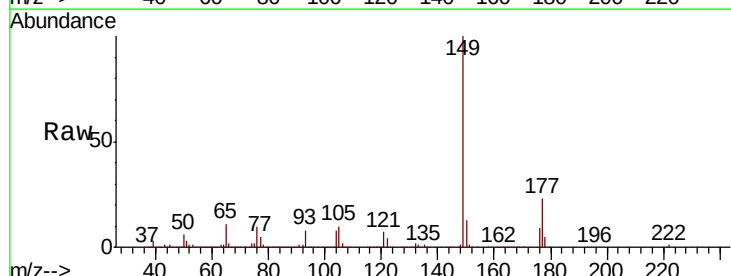


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

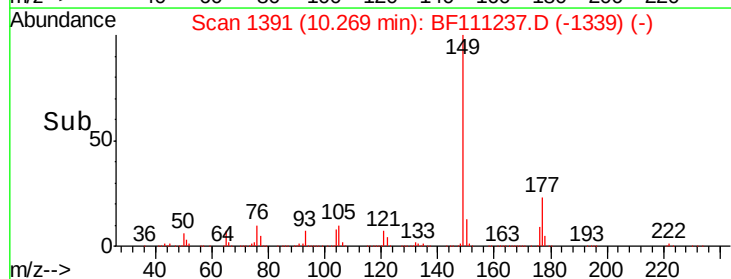
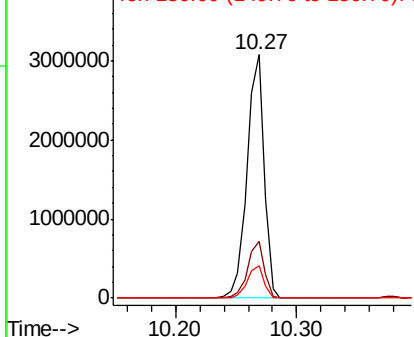


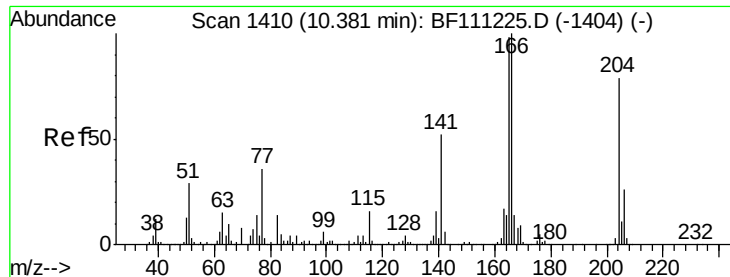
#60
 Diethylphthalate
 Concen: 38.943 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. 0.01 min
 Lab File: BF111237.D
 Acq: 10 Dec 2018 12:50

Tgt Ion:	149	Resp:	3065323
Ion	Ratio	Lower	Upper
149	100		
177	23.4	18.3	27.5
150	13.1	10.6	15.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

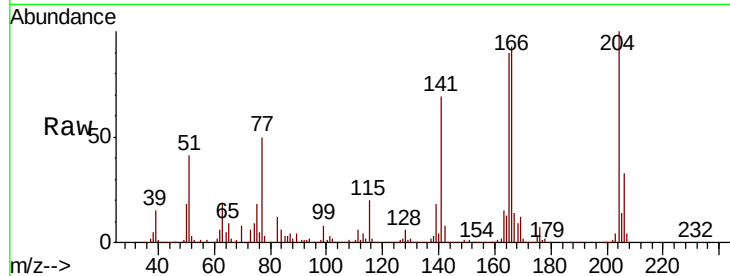




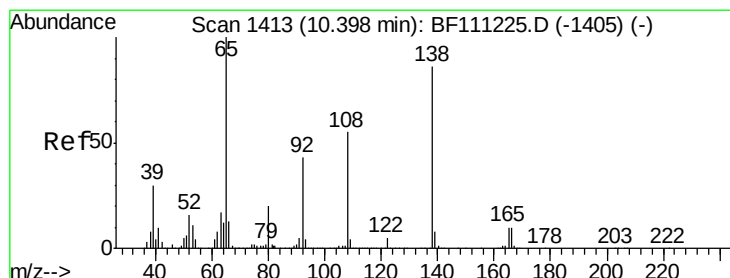
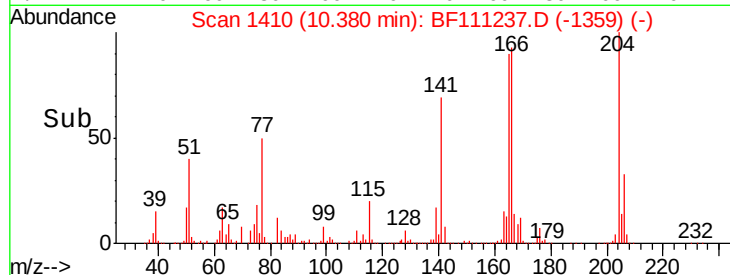
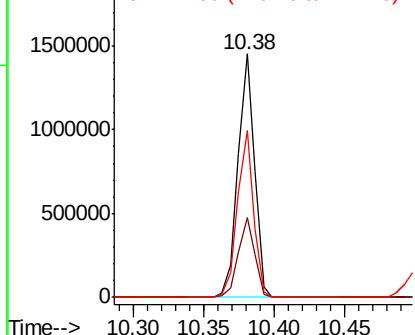
#61
4-Chlorophenyl-phenylether
Concen: 33.942 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 1183408
Ion Ratio Lower Upper
204 100
206 32.9 26.6 39.8
141 68.5 52.6 78.8

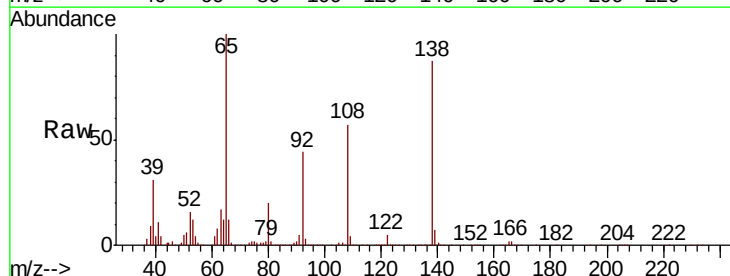


Abundance Ion 204.00 (203.70 to 204.70): E
2000000
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

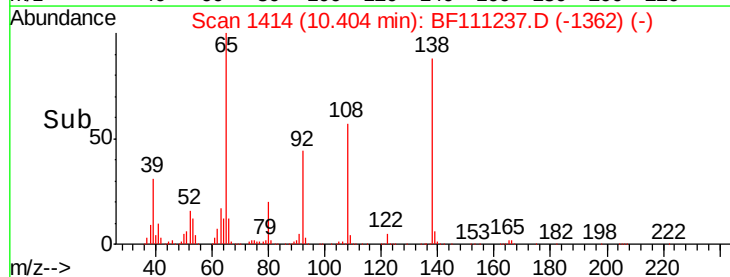
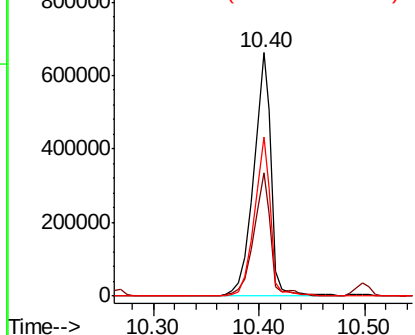


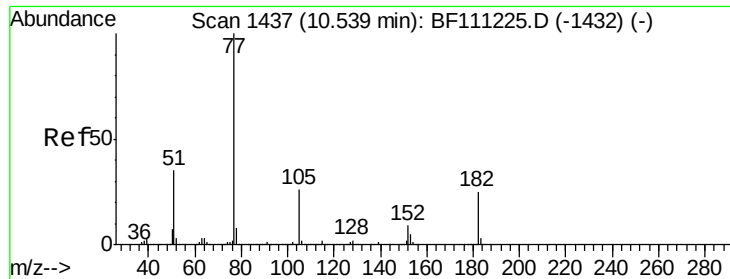
#62
4-Nitroaniline
Concen: 36.151 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Tgt Ion:138 Resp: 769829
Ion Ratio Lower Upper
138 100
92 50.7 29.9 69.9
108 65.6 43.2 83.2



Abundance Ion 138.00 (137.70 to 138.70): E
800000
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 37.522 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BF111237.D

Acq: 10 Dec 2018 12:50

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 3066354

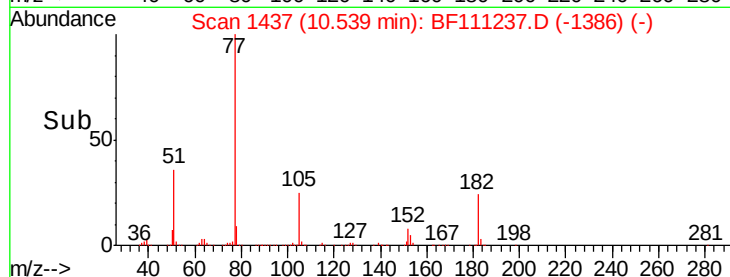
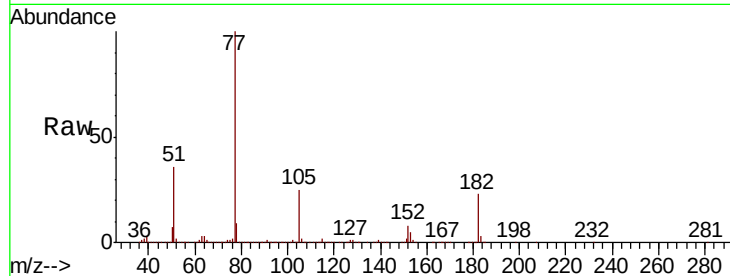
Ion Ratio Lower Upper

77 100

182 23.5 4.9 44.9

105 24.6 6.0 46.0

51 35.8 14.7 54.7

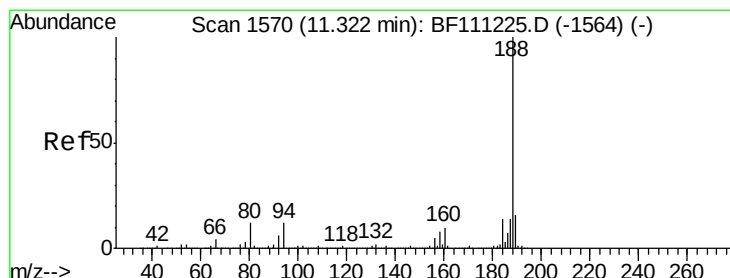
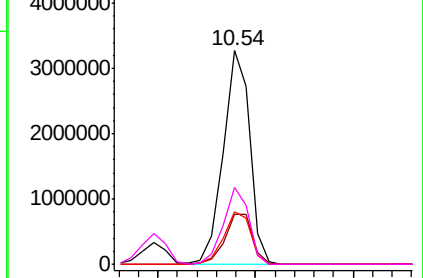


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BF111237.D

Acq: 10 Dec 2018 12:50

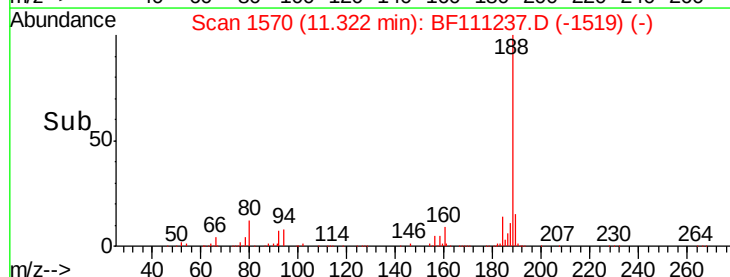
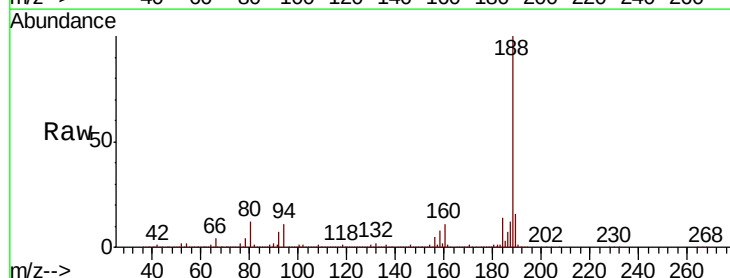
Tgt Ion: 188 Resp: 1736441

Ion Ratio Lower Upper

188 100

94 11.5 9.6 14.4

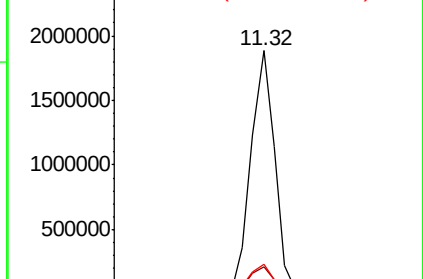
80 12.2 9.8 14.6

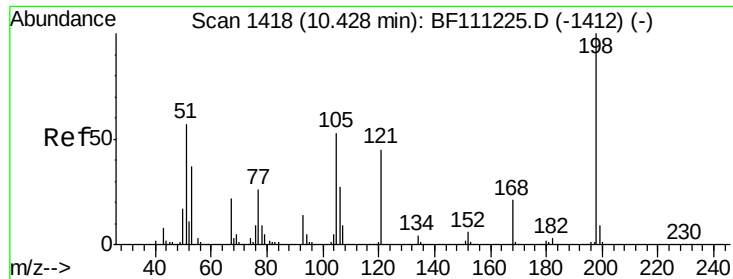


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

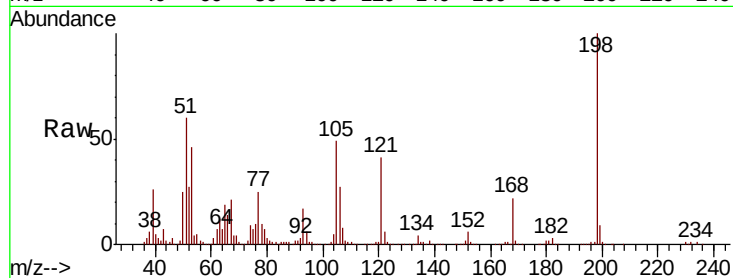




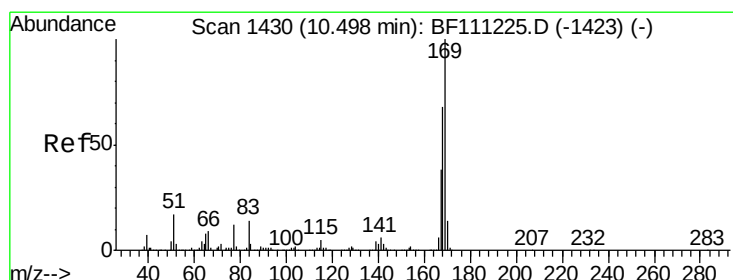
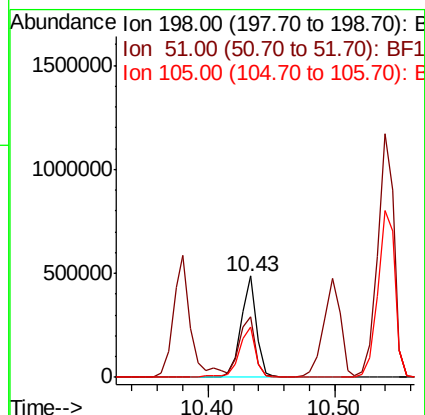
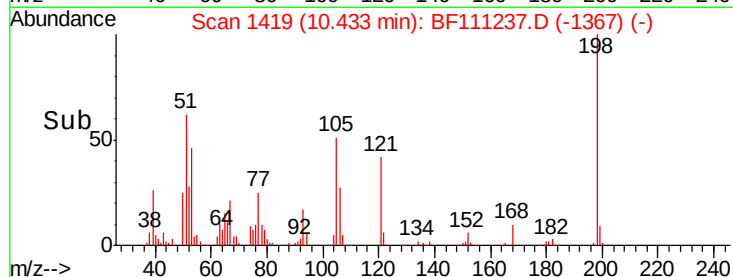
#65
4,6-Dinitro-2-methylphenol
Concen: 39.248 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 401576
Ion Ratio Lower Upper
198 100
51 59.9 48.0 88.0
105 49.2 34.0 74.0

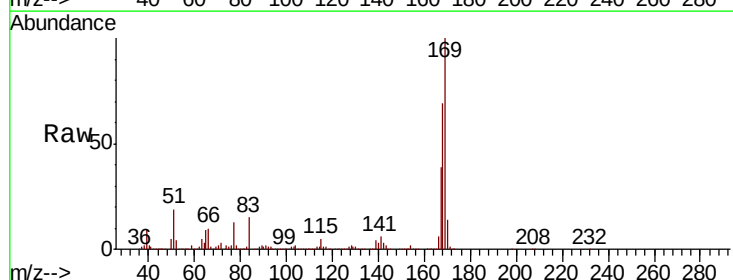


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

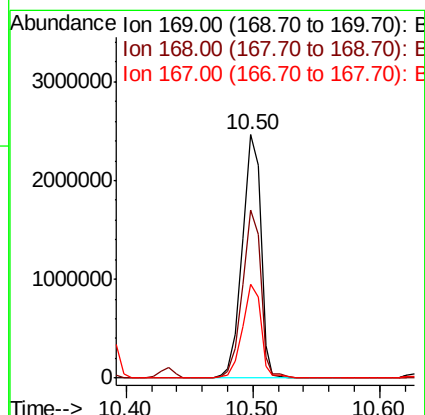
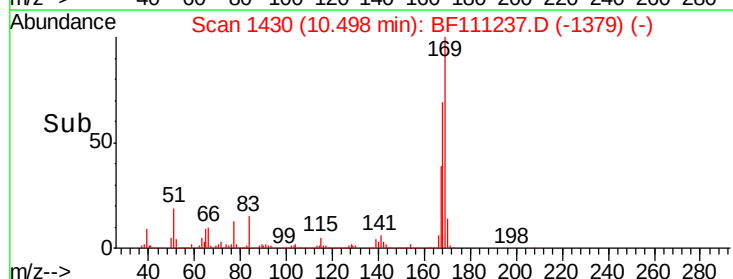


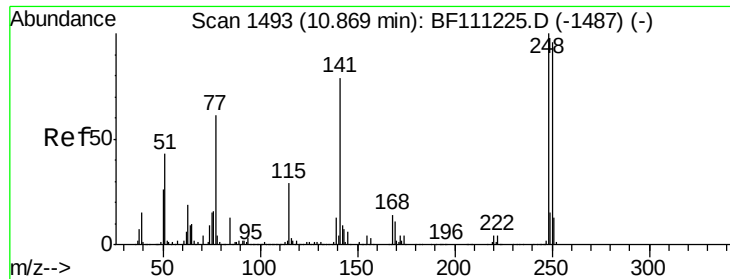
#66
n-Nitrosodiphenylamine
Concen: 41.751 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Tgt Ion:169 Resp: 2467872
Ion Ratio Lower Upper
169 100
168 69.0 54.4 81.6
167 38.5 30.5 45.7



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

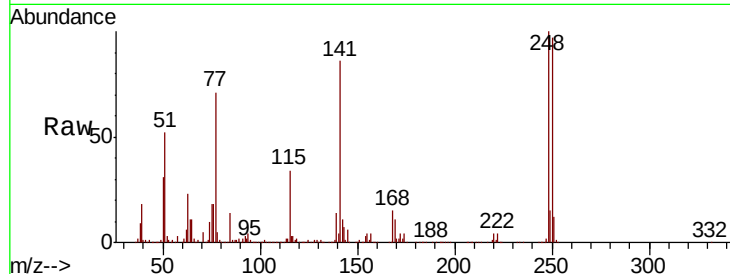




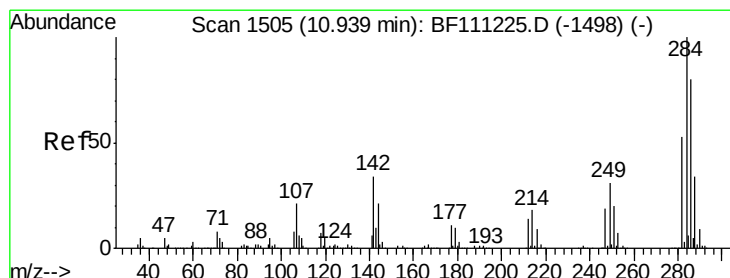
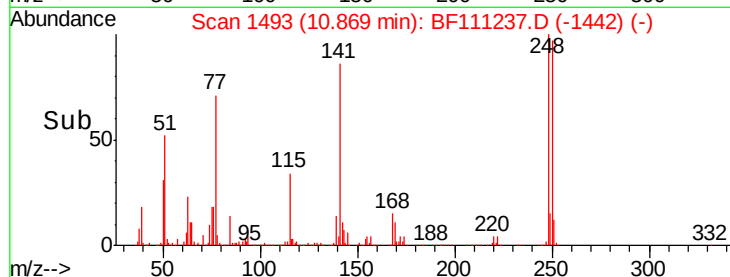
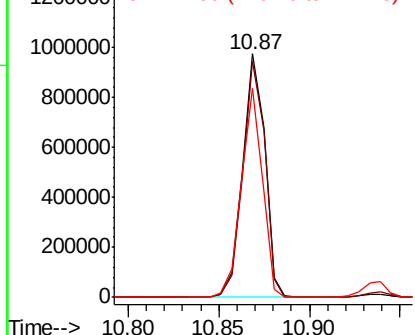
#67
4-Bromophenyl-phenylether
Concen: 43.548 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 828232
Ion Ratio Lower Upper
248 100
250 96.8 77.0 115.4
141 86.0 63.0 94.6

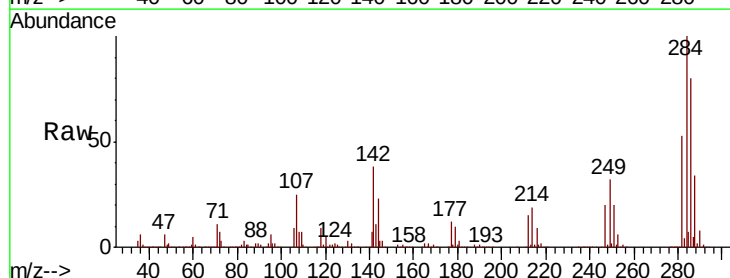


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

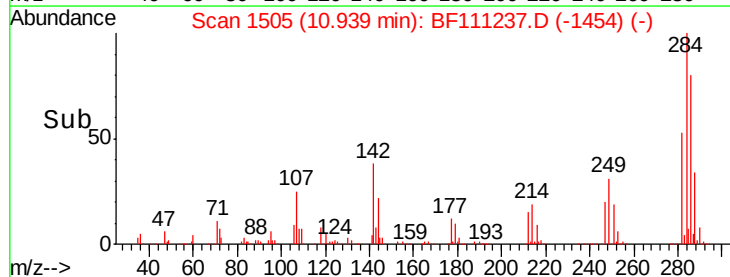
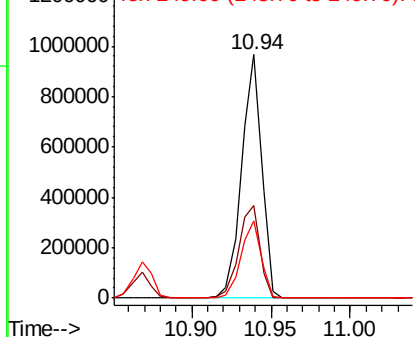


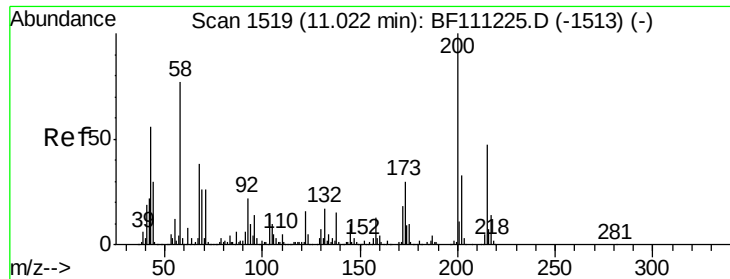
#68
Hexachlorobenzene
Concen: 43.556 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Tgt Ion:284 Resp: 842698
Ion Ratio Lower Upper
284 100
142 38.2 27.4 41.2
249 31.7 24.4 36.6



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

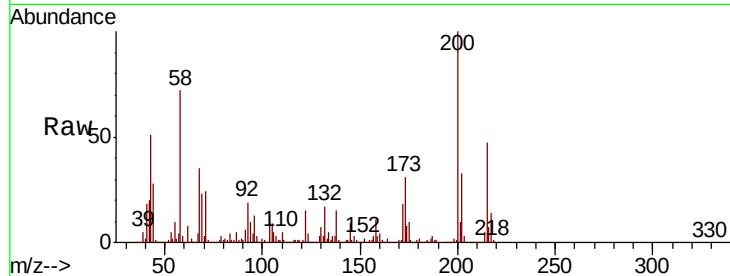




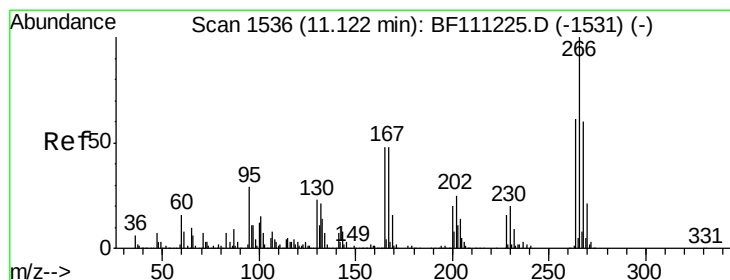
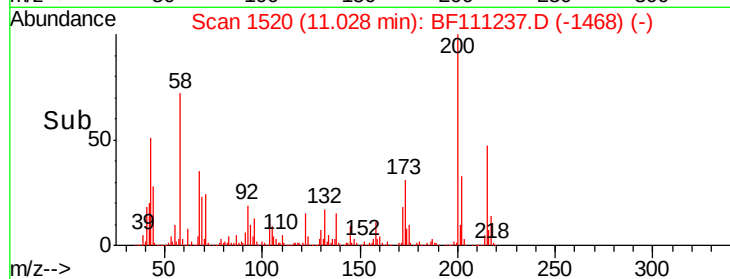
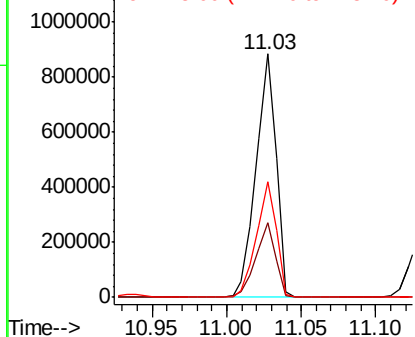
#69
Atrazine
Concen: 45.593 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	30.6	10.1	50.1
215	47.3	26.9	66.9

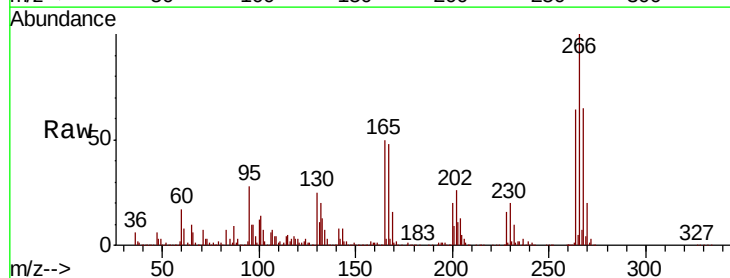


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

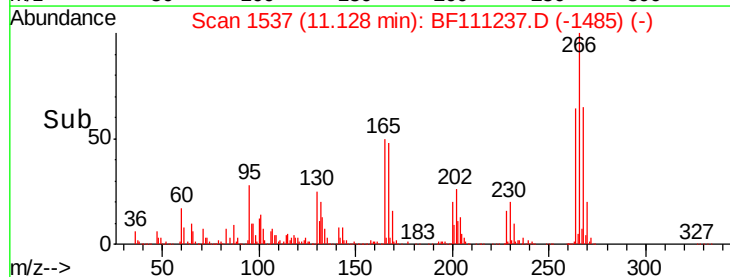
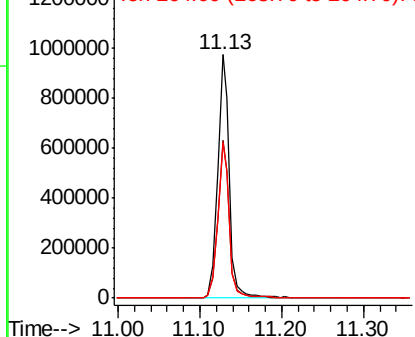


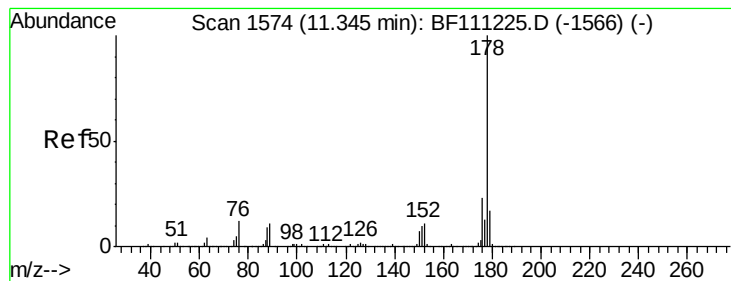
#70
Pentachlorophenol
Concen: 69.625 ng
RT: 11.13 min Scan# 1537
Delta R.T. 0.01 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.6	47.9	71.9
264	63.8	49.1	73.7



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 42.187 ng

RT: 11.35 min Scan# 1575

Delta R.T. 0.01 min

Lab File: BF111237.D

Acq: 10 Dec 2018 12:50

Instrument :

BNA_F

ClientSampleId :

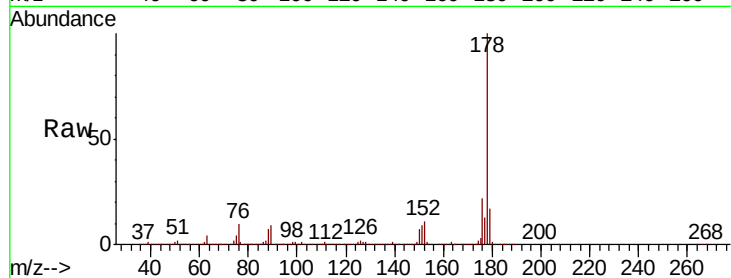
Tot Ion:178 Resp: 3694924

Ion Ratio Lower Upper

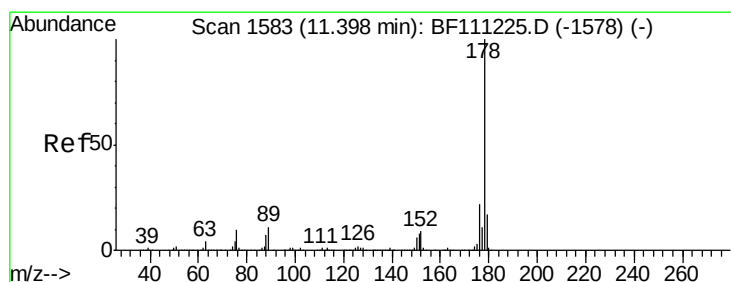
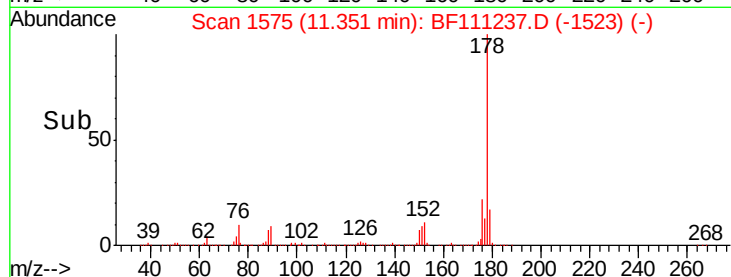
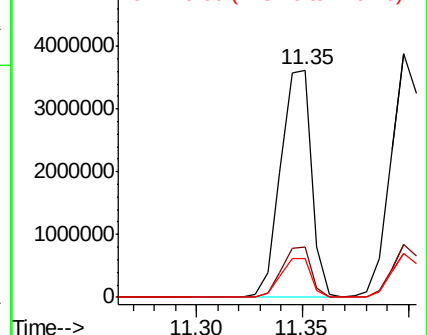
178 100

176 22.4 18.1 27.1

179 17.1 14.0 21.0



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.040 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BF111237.D

Acq: 10 Dec 2018 12:50

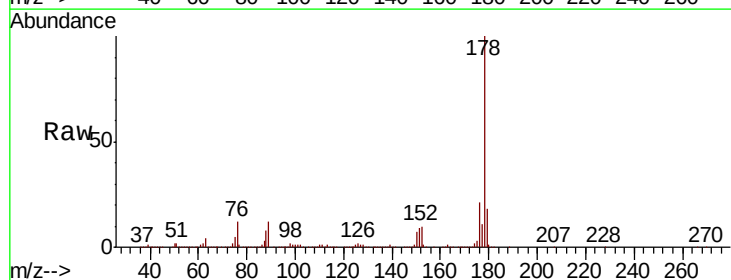
Tgt Ion:178 Resp: 3760542

Ion Ratio Lower Upper

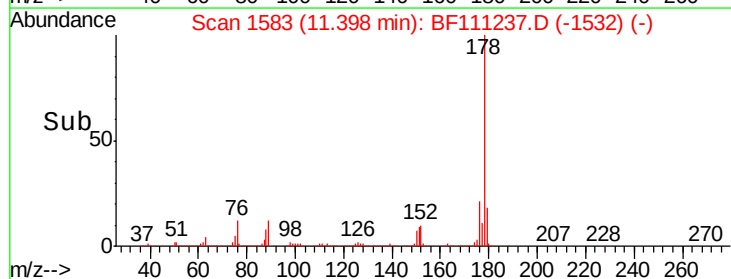
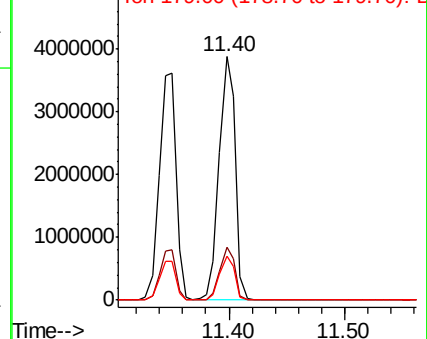
178 100

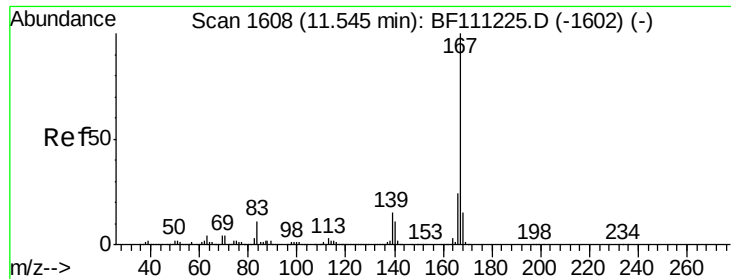
176 21.5 17.2 25.8

179 18.0 13.8 20.8



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

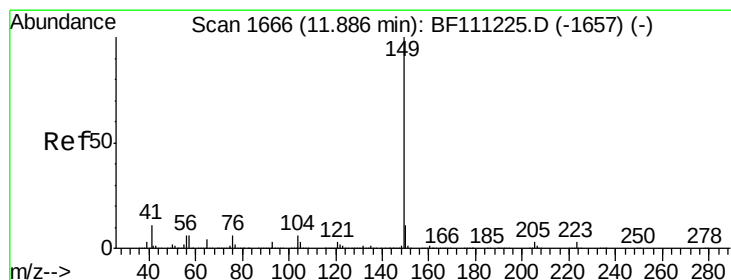
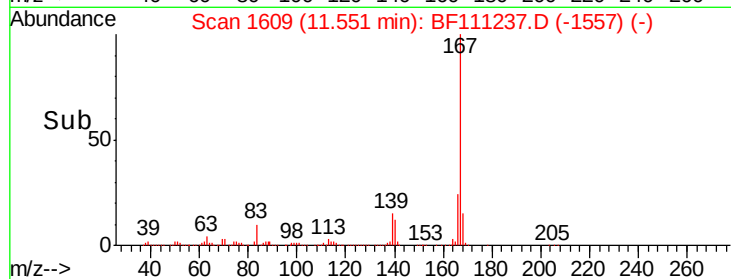
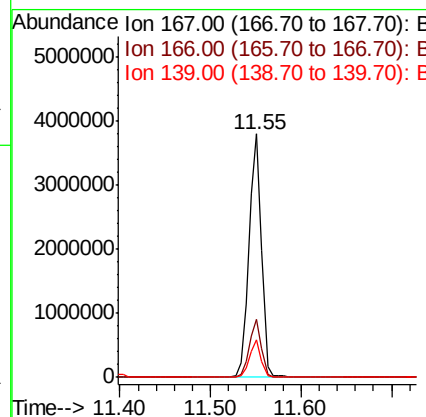
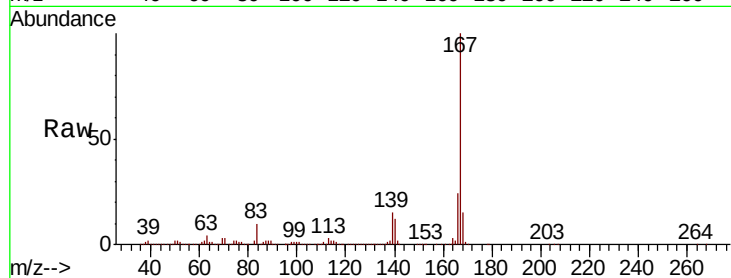




#73
 Carbazole
 Concen: 38.209 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.01 min
 Lab File: BF111237.D
 Acq: 10 Dec 2018 12:50

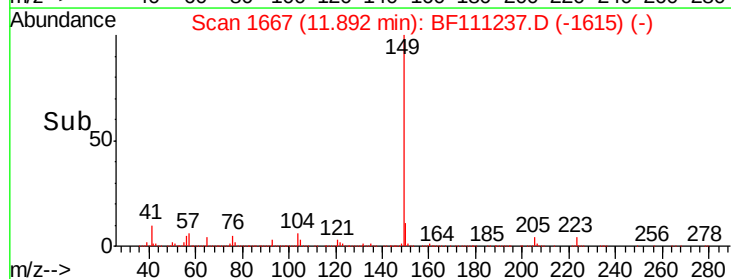
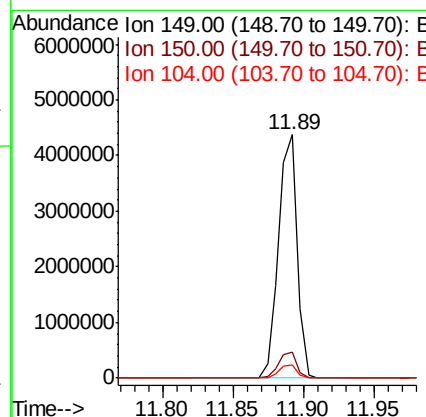
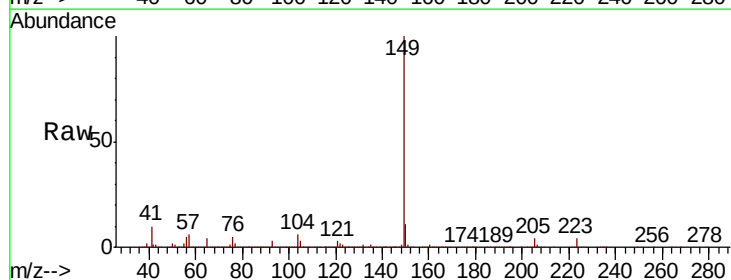
Instrument :
 BNA_F
 ClientSampleId :

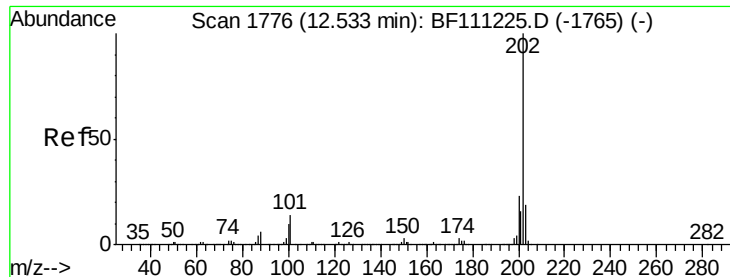
Tot Ion:167 Resp: 3660951
 Ion Ratio Lower Upper
 167 100
 166 23.9 19.3 28.9
 139 15.2 11.9 17.9



#74
 Di-n-butylphthalate
 Concen: 41.245 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.01 min
 Lab File: BF111237.D
 Acq: 10 Dec 2018 12:50

Tgt Ion:149 Resp: 4061845
 Ion Ratio Lower Upper
 149 100
 150 10.9 8.8 13.2
 104 5.5 4.5 6.7





#75

Fluoranthene

Concen: 45.351 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.00 min

Lab File: BF111237.D

Acq: 10 Dec 2018 12:50

Instrument :

BNA_F

ClientSampleId :

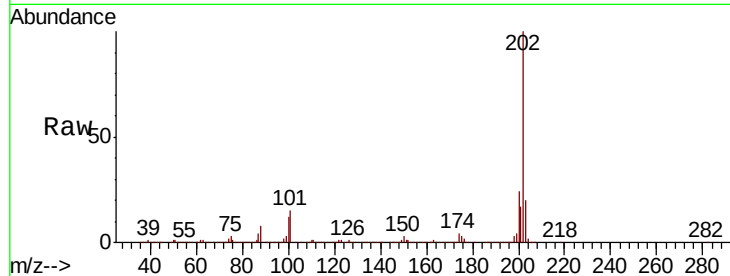
Tot Ion:202 Resp: 3628452

Ion Ratio Lower Upper

202 100

101 15.4 0.0 33.8

203 19.9 0.0 38.6

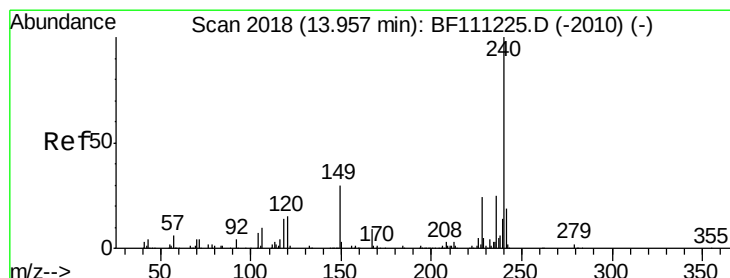
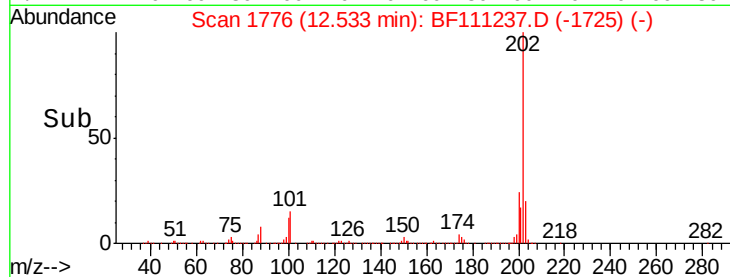
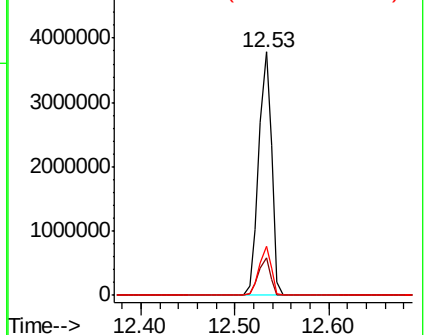


Abundance

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# 2018

Delta R.T. -0.00 min

Lab File: BF111237.D

Acq: 10 Dec 2018 12:50

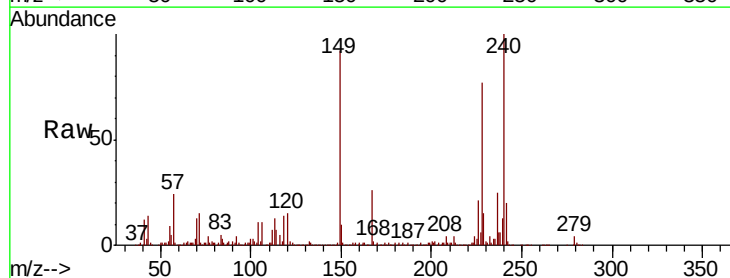
Tgt Ion:240 Resp: 940124

Ion Ratio Lower Upper

240 100

120 15.5 12.2 18.2

236 25.3 20.2 30.2

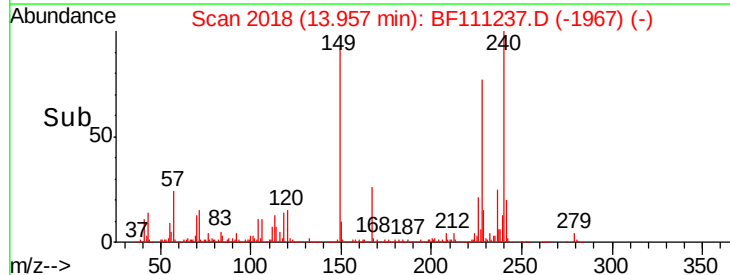
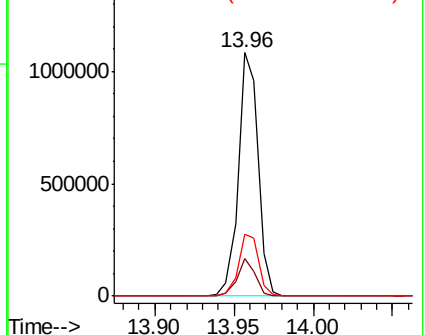


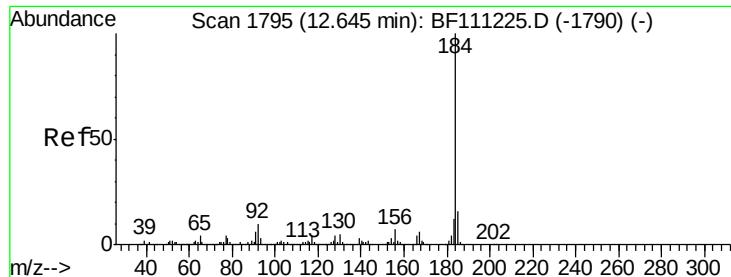
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

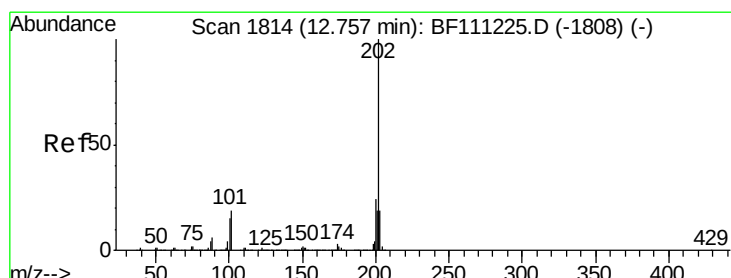
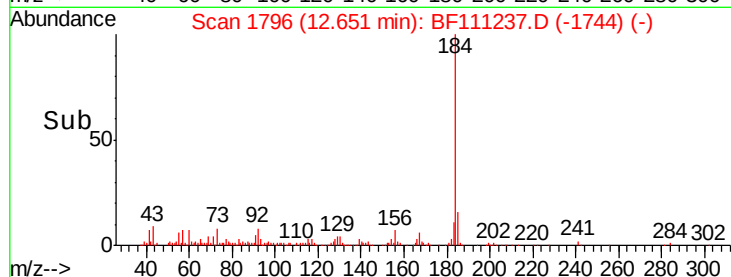
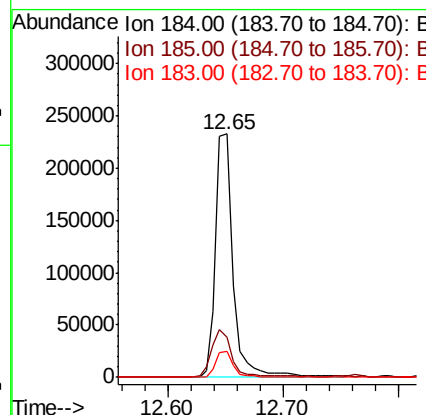
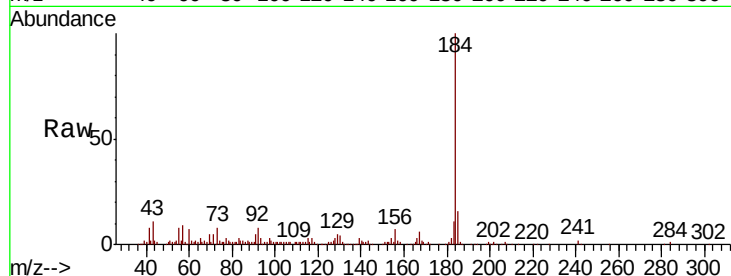




#77
Benzidine
Concen: 8.861 ng
RT: 12.65 min Scan# 1796
Delta R.T. 0.01 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

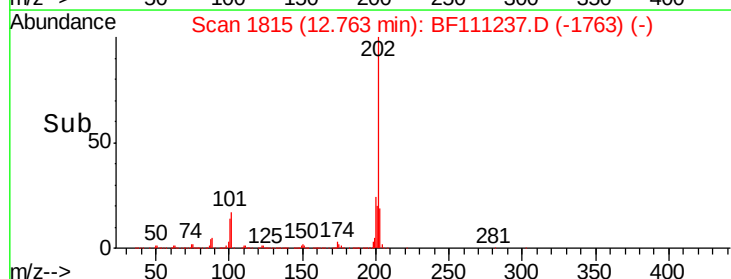
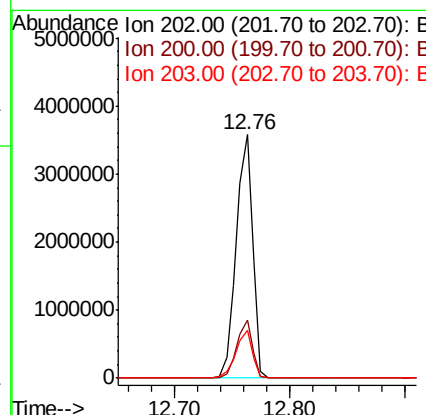
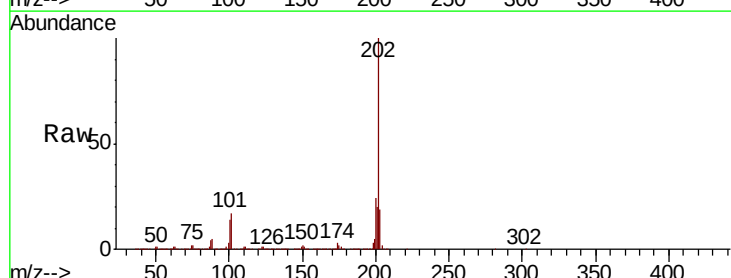
Instrument :
BNA_F
ClientSampleId :

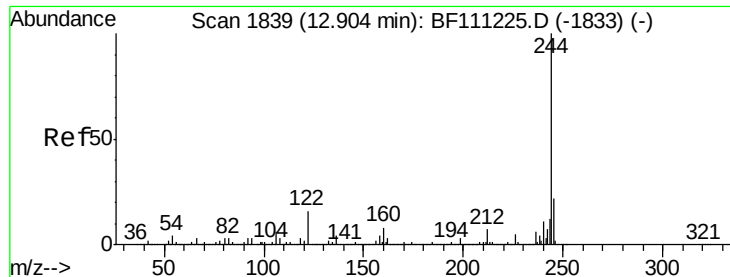
Tot Ion:184 Resp: 247357
Ion Ratio Lower Upper
184 100
185 16.3 13.0 19.6
183 10.7 9.3 13.9



#78
Pyrene
Concen: 52.609 ng
RT: 12.76 min Scan# 1815
Delta R.T. 0.01 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Tgt Ion:202 Resp: 3534368
Ion Ratio Lower Upper
202 100
200 23.8 19.0 28.4
203 19.4 15.2 22.8





#79

Terphenyl-d14

Concen: 104.345 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF111237.D

Acq: 10 Dec 2018 12:50

Instrument :

BNA_F

ClientSampled :

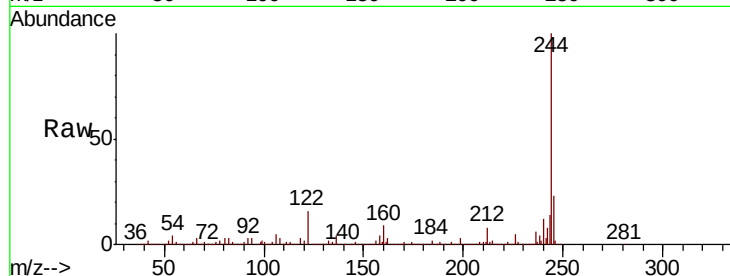
Tot Ion:244 Resp: 4089717

Ion Ratio Lower Upper

244 100

212 7.8 5.7 8.5

122 15.7 13.1 19.7

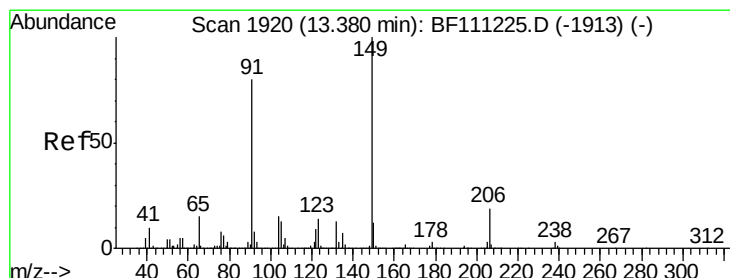
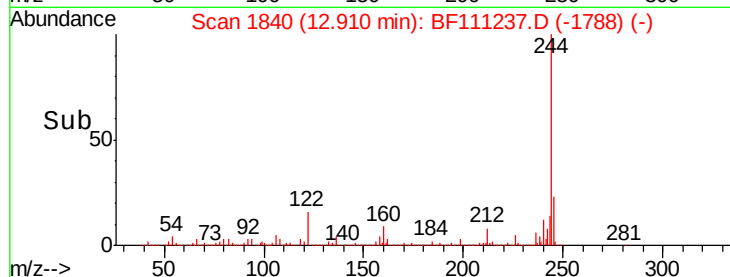
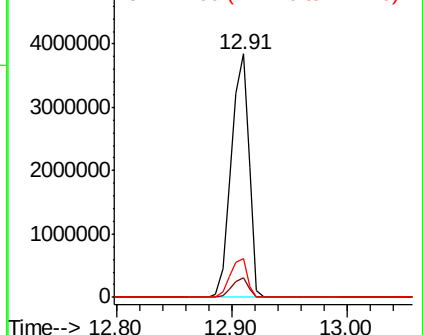


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 47.403 ng

RT: 13.39 min Scan# 1921

Delta R.T. 0.01 min

Lab File: BF111237.D

Acq: 10 Dec 2018 12:50

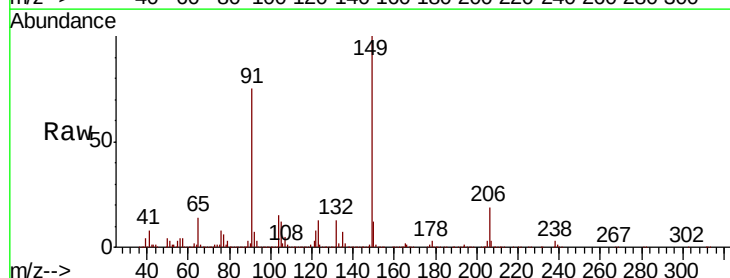
Tgt Ion:149 Resp: 1663390

Ion Ratio Lower Upper

149 100

91 74.6 63.8 95.6

206 19.3 15.1 22.7

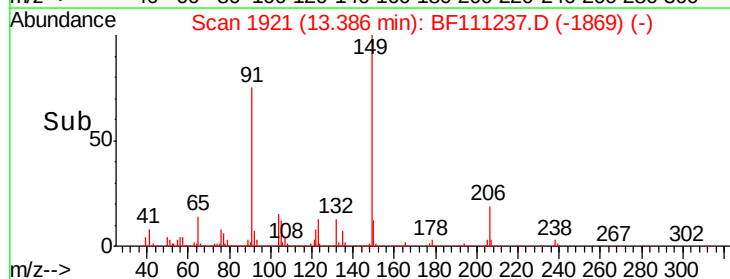
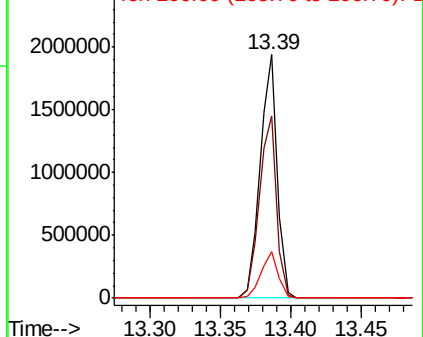


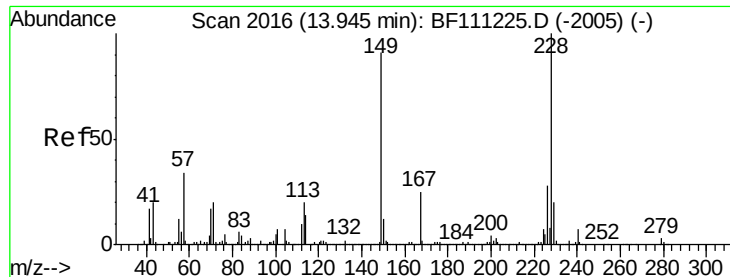
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.530 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BF111237.D

Acq: 10 Dec 2018 12:50

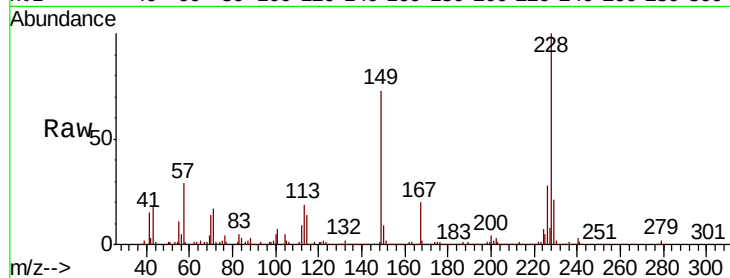
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 2335546

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	34.0
229	20.6	16.3	24.5

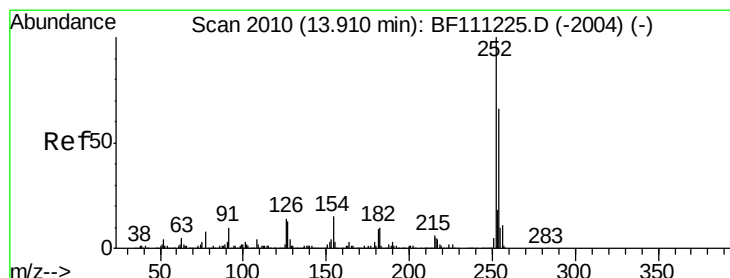
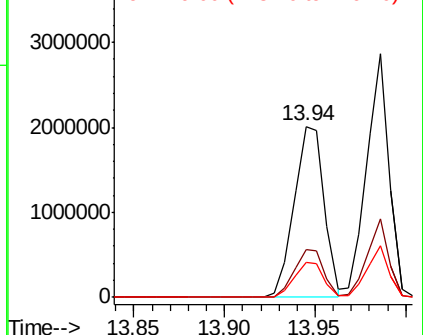
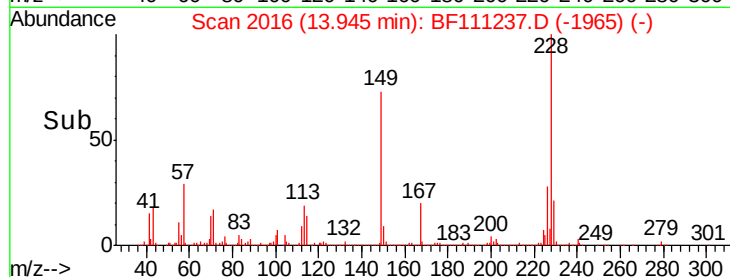


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 23.916 ng

RT: 13.91 min Scan# 2010

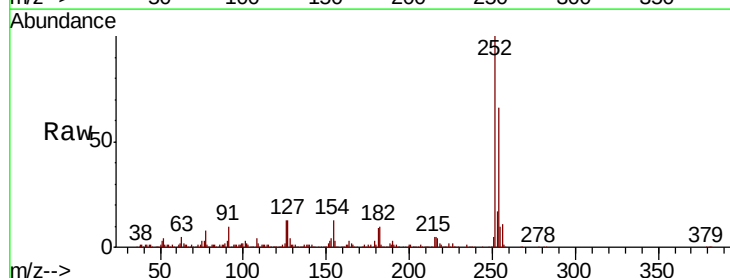
Delta R.T. -0.00 min

Lab File: BF111237.D

Acq: 10 Dec 2018 12:50

Tgt Ion:252 Resp: 514129

Ion	Ratio	Lower	Upper
252	100		
254	65.8	52.7	79.1
126	13.2	11.1	16.7

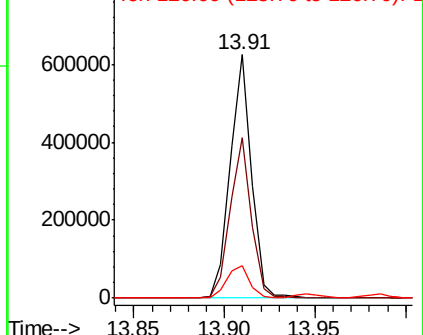
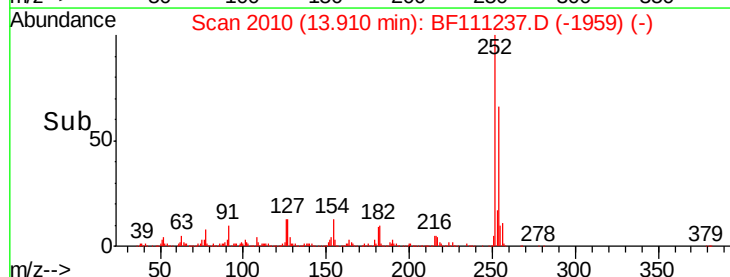


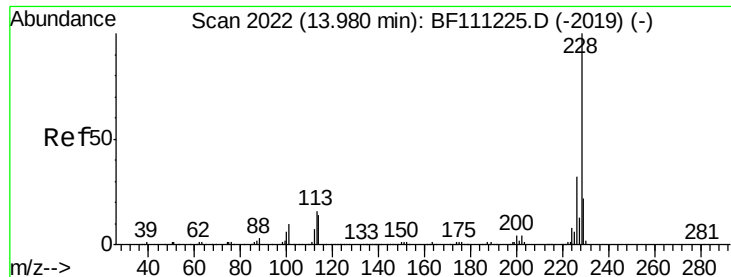
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 45.783 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.01 min

Lab File: BF111237.D

Acq: 10 Dec 2018 12:50

Instrument :

BNA_F

ClientSampleId :

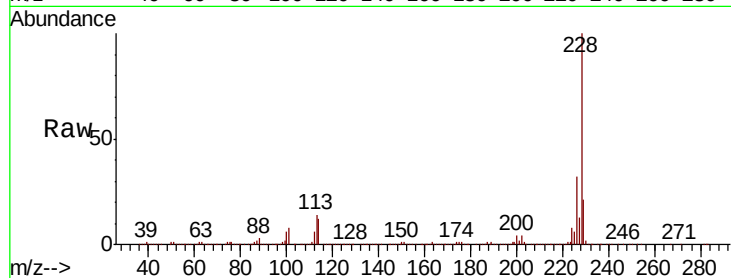
Tot Ion:228 Resp: 2475525

Ion Ratio Lower Upper

228 100

226 32.0 25.3 37.9

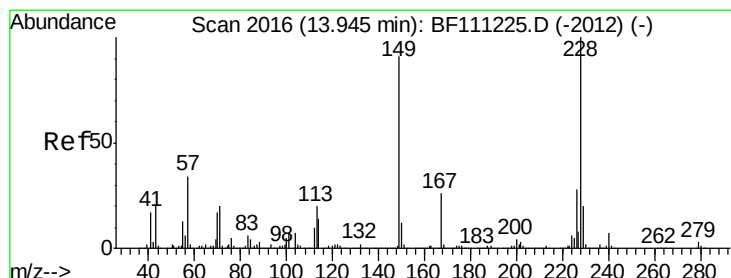
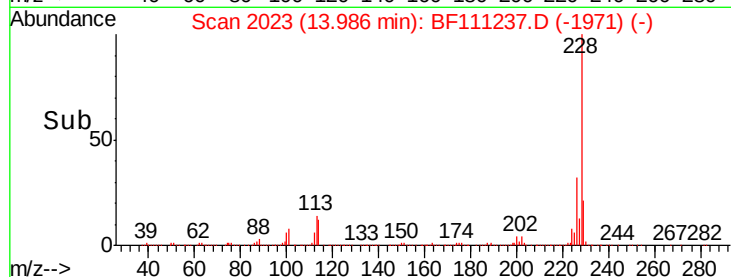
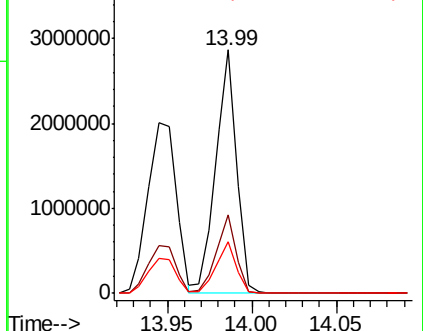
229 21.1 17.2 25.8



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.876 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.01 min

Lab File: BF111237.D

Acq: 10 Dec 2018 12:50

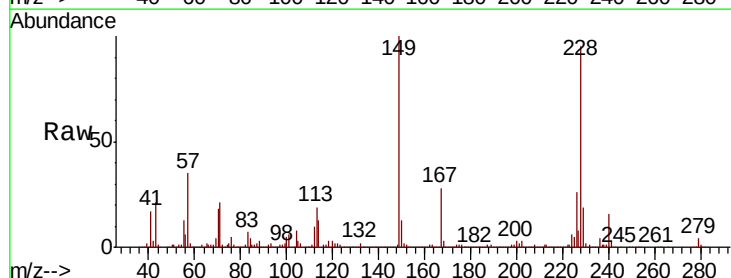
Tgt Ion:149 Resp: 1829491

Ion Ratio Lower Upper

149 100

167 28.3 22.5 33.7

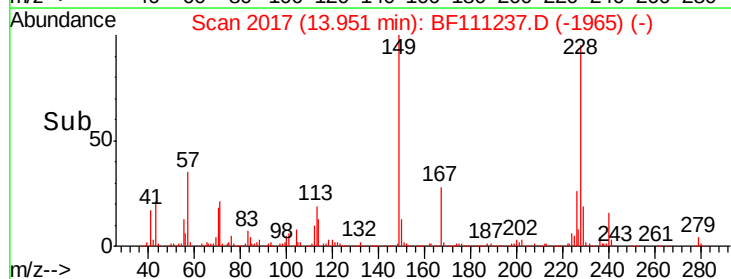
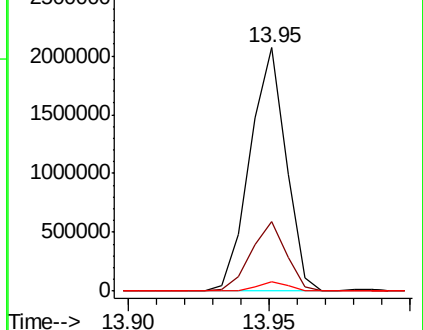
279 3.7 2.6 4.0

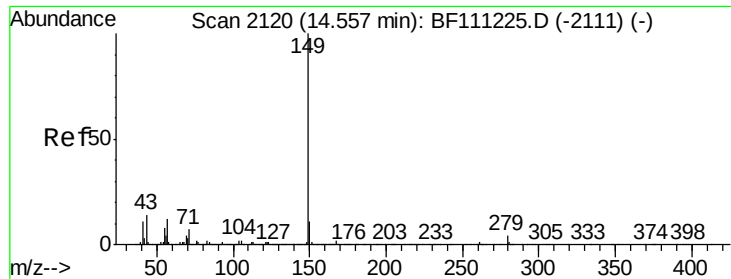


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

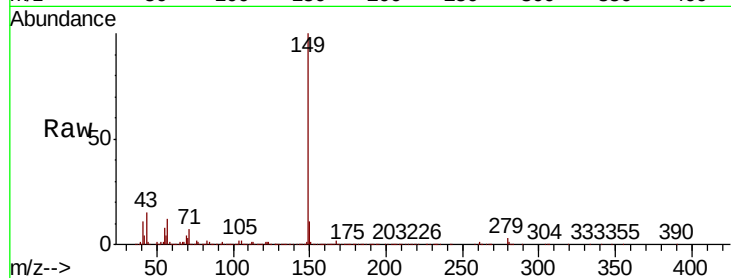




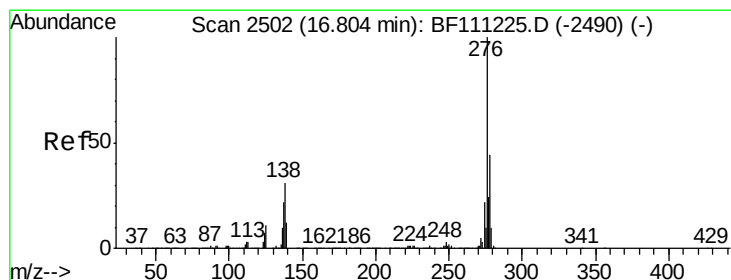
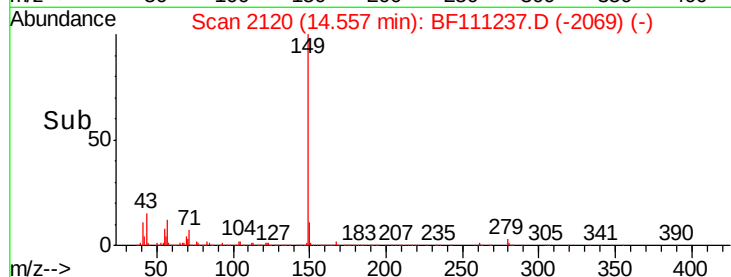
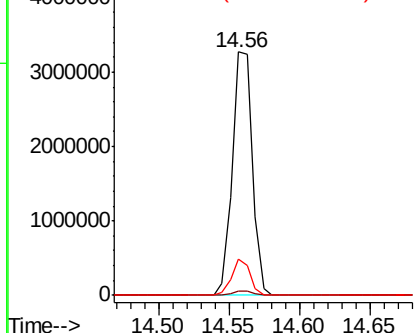
#85
Di-n-octyl phthalate
Concen: 46.335 ng
RT: 14.56 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 3238289
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 13.4 10.9 16.3

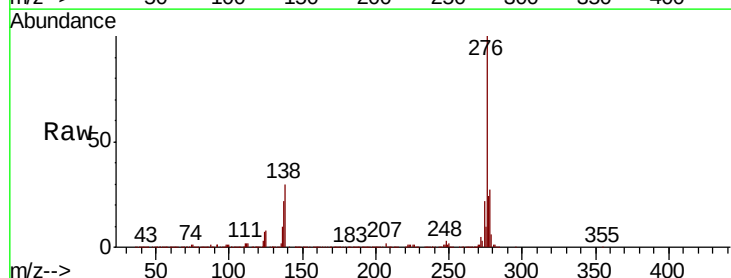


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

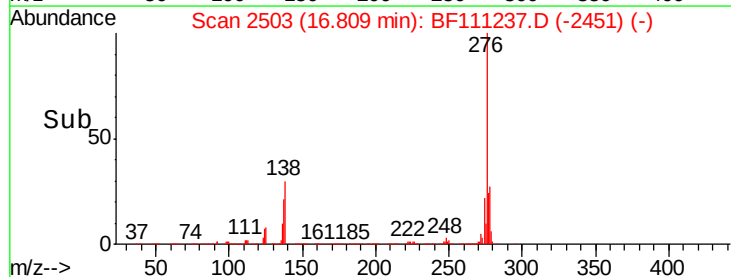
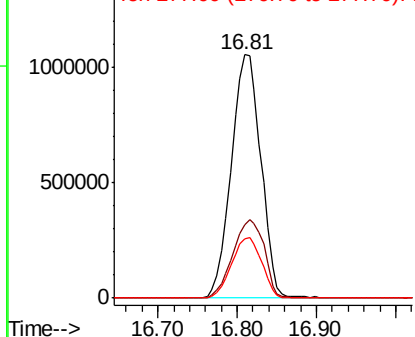


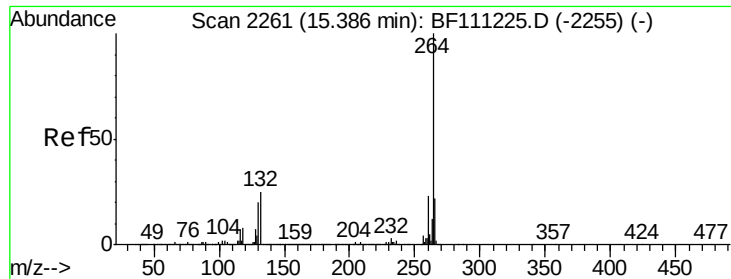
#86
Indeno(1,2,3-cd)pyrene
Concen: 62.391 ng
RT: 16.81 min Scan# 2503
Delta R.T. 0.01 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Tgt Ion:276 Resp: 2723183
Ion Ratio Lower Upper
276 100
138 34.4 27.8 41.6
277 25.4 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2262

Delta R.T. 0.01 min

Lab File: BF111237.D

Acq: 10 Dec 2018 12:50

Instrument :

BNA_F

ClientSampled :

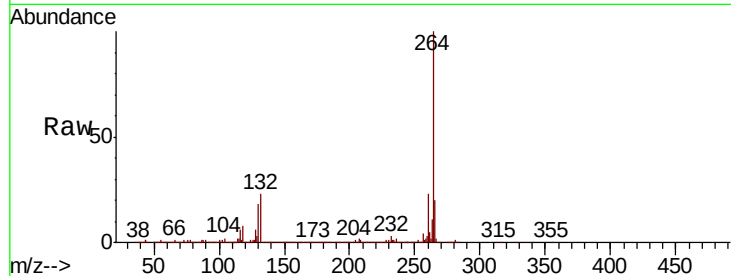
Tot Ion:264 Resp: 952423

Ion Ratio Lower Upper

264 100

260 23.1 18.3 27.5

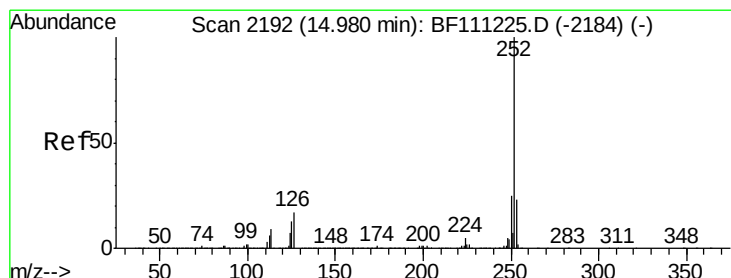
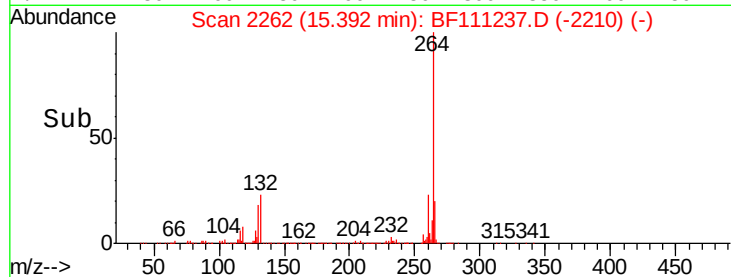
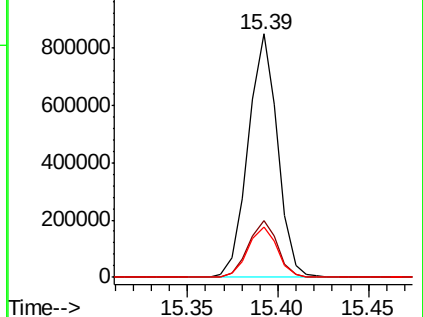
265 20.4 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 48.749 ng

RT: 14.98 min Scan# 2192

Delta R.T. -0.00 min

Lab File: BF111237.D

Acq: 10 Dec 2018 12:50

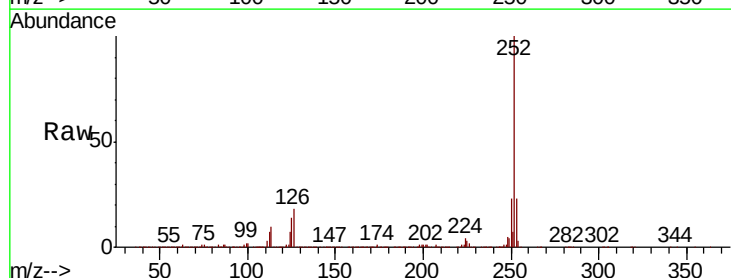
Tgt Ion:252 Resp: 2567669

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.2

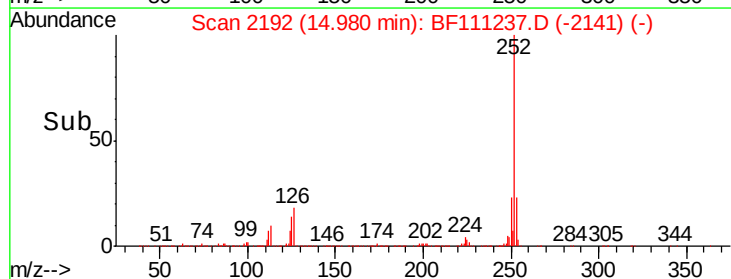
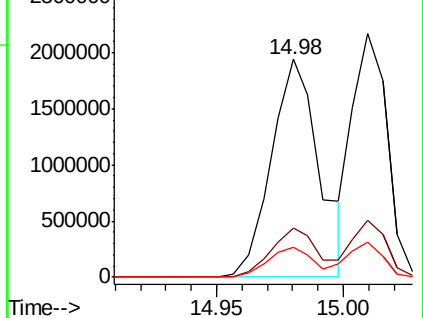
125 13.9 10.4 15.6

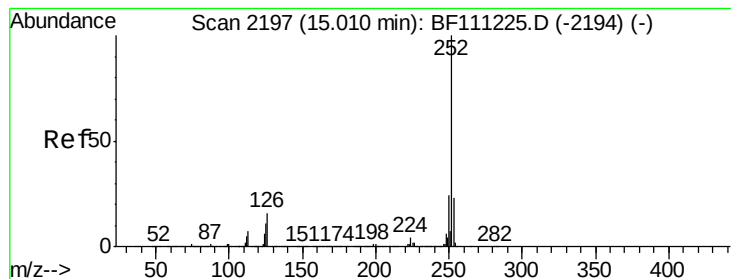


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 41.784 ng

RT: 15.01 min Scan# 2197

Delta R.T. -0.00 min

Lab File: BF111237.D

Acq: 10 Dec 2018 12:50

Instrument :

BNA_F

ClientSampleId :

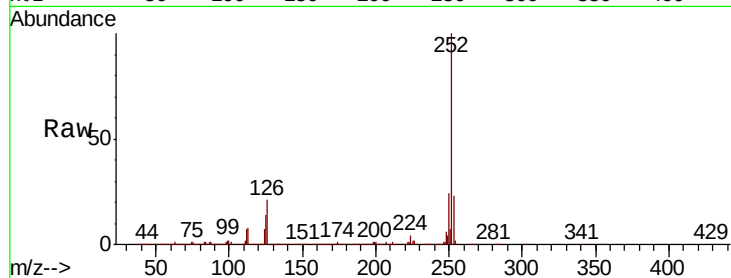
Tot Ion:252 Resp: 2069143

Ion Ratio Lower Upper

252 100

253 23.2 18.1 27.1

125 14.2 9.8 14.8

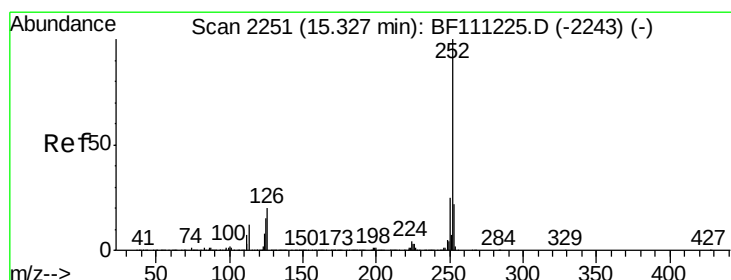
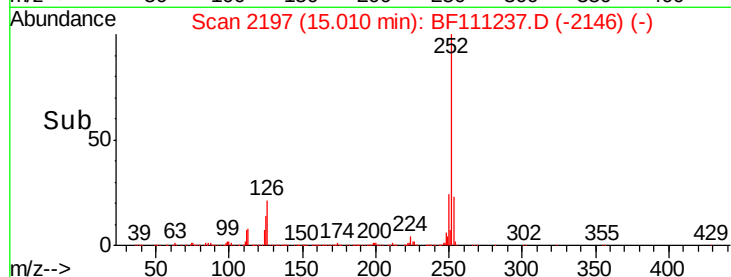
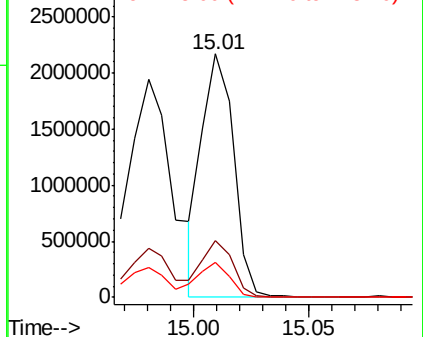


Abundance

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: 46.940 ng

RT: 15.33 min Scan# 2252

Delta R.T. 0.01 min

Lab File: BF111237.D

Acq: 10 Dec 2018 12:50

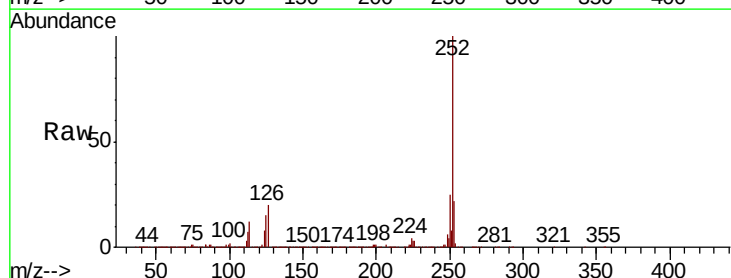
Tgt Ion:252 Resp: 2276749

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

125 14.9 12.3 18.5

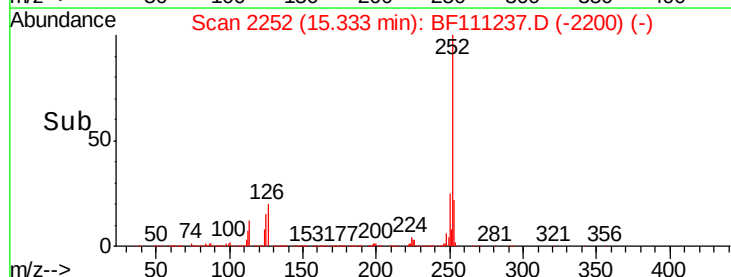
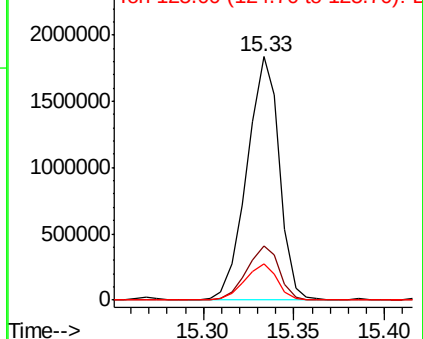


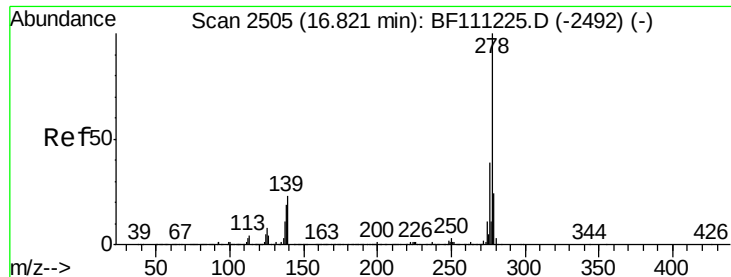
Abundance

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



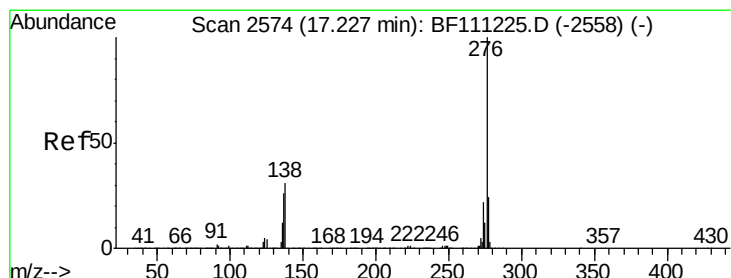
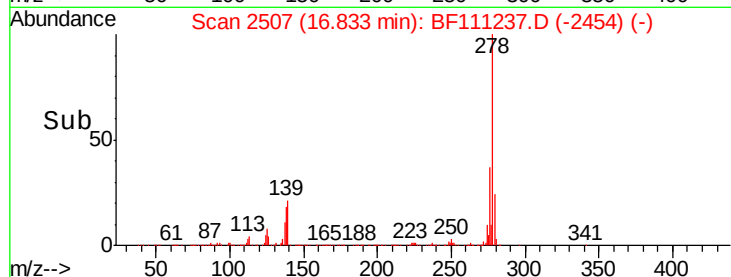
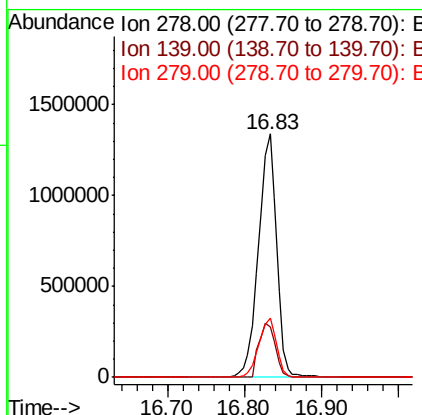
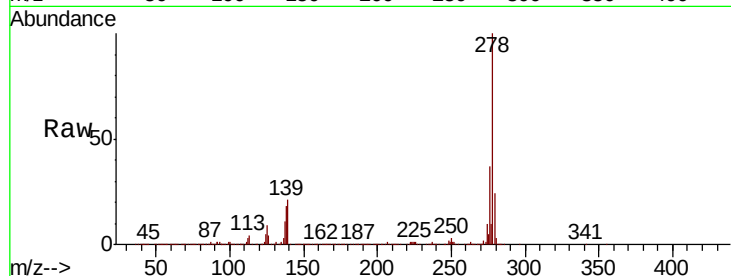


#91
Dibenzo(a,h)anthracene
Concen: 58.490 ng
RT: 16.83 min Scan# 2507
Delta R.T. 0.01 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 2228276

Ion	Ratio	Lower	Upper
278	100		
139	20.9	18.2	27.4
279	24.3	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 62.404 ng
RT: 17.24 min Scan# 2576
Delta R.T. 0.01 min
Lab File: BF111237.D
Acq: 10 Dec 2018 12:50

Tgt Ion:276 Resp: 2379877

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.2	28.8
138	28.5	24.9	37.3

