

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
 Data File : BF111178.D
 Acq On : 7 Dec 2018 11:11
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 07 11:55:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 05 17:30:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	346097	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1429733	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	678311	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	1197993	20.00	ng	0.00
76) Chrysene-d12	13.96	240	888959	20.00	ng	0.01
87) Perylene-d12	15.40	264	733418	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	1646050	74.22	ng	0.00
7) Phenol-d6	6.43	99	2103464	73.62	ng	0.00
23) Nitrobenzene-d5	7.37	82	1920969	79.54	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	458204	84.98	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	3149561	86.14	ng	0.00
79) Terphenyl-d14	12.92	244	3054535	70.37	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	441580	34.613	ng	99
3) Pyridine	3.22	79	997206	35.244	ng	98
4) n-Nitrosodimethylamine	3.16	42	487383	34.985	ng	96
6) Aniline	6.47	93	1390225	36.421	ng	100
8) 2-Chlorophenol	6.59	128	952036	37.241	ng	99
9) Benzaldehyde	6.35	77	583397	37.254	ng	96
10) Phenol	6.45	94	1220315	39.172	ng	99
11) bis(2-Chloroethyl)ether	6.54	93	925009	36.330	ng	99
12) 1,3-Dichlorobenzene	6.75	146	1014323	37.308	ng	97
13) 1,4-Dichlorobenzene	6.83	146	1012948	37.023	ng	96
14) 1,2-Dichlorobenzene	6.98	146	960382	37.734	ng	99
15) Benzyl Alcohol	6.95	79	836149	36.936	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	1792154	36.185	ng	99
17) 2-Methylphenol	7.06	107	771377	36.758	ng	99
18) Hexachloroethane	7.33	117	378933	36.919	ng	# 88
19) n-Nitroso-di-n-propylamine	7.22	70	692993	36.093	ng	97
20) 3+4-Methylphenols	7.21	107	945132	36.927	ng	92
22) Acetophenone	7.22	105	1254182	36.300	ng	95
24) Nitrobenzene	7.39	77	1008364	38.812	ng	96
25) Isophorone	7.63	82	1610771	36.344	ng	99
26) 2-Nitrophenol	7.70	139	490855	44.714	ng	93
27) 2,4-Dimethylphenol	7.74	122	760622	36.791	ng	98
28) bis(2-Chloroethoxy)methane	7.84	93	1105113	36.833	ng	99
29) 2,4-Dichlorophenol	7.95	162	771088	37.885	ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	772622	37.609	ng	98
31) Naphthalene	8.11	128	2511504	40.346	ng	96
32) Benzoic acid	7.85	122	541593	39.726	ng	97
33) 4-Chloroaniline	8.16	127	1129511	37.538	ng	96
34) Hexachlorobutadiene	8.24	225	434416	38.911	ng	96
35) Caprolactam	8.53	113	285555	38.212	ng	92
36) 4-Chloro-3-methylphenol	8.63	107	844470	37.879	ng	100
37) 2-Methylnaphthalene	8.80	142	1632017	38.008	ng	98
38) 1-Methylnaphthalene	8.90	142	1570220	38.037	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	701863	38.823	ng	99

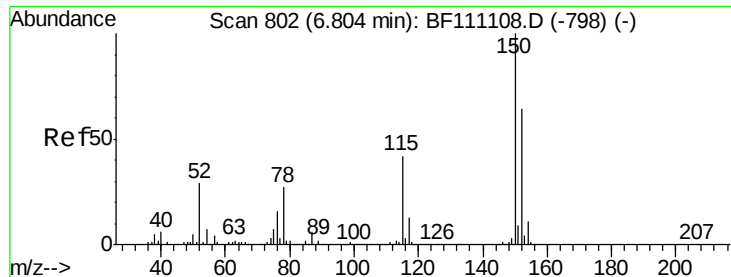
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
 Data File : BF111178.D
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 QLast Update : Wed Dec 05 17:30:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	376009	39.445	ng	99
43) 2,4,6-Trichlorophenol	9.08	196	508010	38.475	ng	99
44) 2,4,5-Trichlorophenol	9.12	196	529021	39.525	ng	99
46) 1,1'-Biphenyl	9.27	154	2138332	38.509	ng	97
47) 2-Chloronaphthalene	9.29	162	1647872	38.190	ng	98
48) 2-Nitroaniline	9.38	65	561602	40.162	ng	93
49) Acenaphthylene	9.70	152	2419892	40.122	ng	98
50) Dimethylphthalate	9.57	163	1836170	38.895	ng	98
51) 2,6-Dinitrotoluene	9.62	165	422590	42.222	ng	92
52) Acenaphthene	9.88	154	1539862	38.646	ng	99
53) 3-Nitroaniline	9.79	138	516126	41.053	ng	93
54) 2,4-Dinitrophenol	9.89	184	145206	48.612	ng	# 78
55) Dibenzofuran	10.05	168	2219587	40.443	ng	95
56) 4-Nitrophenol	9.94	139	398503	42.063	ng	96
57) 2,4-Dinitrotoluene	10.02	165	554943	42.931	ng	# 94
58) Fluorene	10.39	166	1563162	40.390	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.12	232	418609	41.904	ng	96
60) Diethylphthalate	10.27	149	1832619	38.845	ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	777438	40.762	ng	97
62) 4-Nitroaniline	10.40	138	482956	42.563	ng	99
63) Azobenzene	10.55	77	1893365	37.696	ng	96
65) 4,6-Dinitro-2-methylphenol	10.43	198	236616	47.808	ng	89
66) n-Nitrosodiphenylamine	10.50	169	1561313	37.220	ng	98
67) 4-Bromophenyl-phenylether	10.87	248	487814	38.467	ng	95
68) Hexachlorobenzene	10.95	284	502229	38.731	ng	97
69) Atrazine	11.03	200	399987	36.029	ng	96
70) Pentachlorophenol	11.13	266	348185	40.832	ng	97
71) Phenanthrene	11.35	178	2326050	40.365	ng	97
72) Anthracene	11.40	178	2329334	40.101	ng	96
73) Carbazole	11.55	167	2413666	39.934	ng	98
74) Di-n-butylphthalate	11.89	149	2793771	39.487	ng	99
75) Fluoranthene	12.54	202	2321274	41.166	ng	96
77) Benzidine	12.65	184	862180	28.625	ng	99
78) Pyrene	12.77	202	2404697	34.722	ng	97
80) Butylbenzylphthalate	13.39	149	1226987	36.674	ng	99
81) Benzo(a)anthracene	13.95	228	1860282	35.717	ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	763346	38.836	ng	# 96
83) Chrysene	13.99	228	1898690	36.721	ng	98
84) Bis(2-ethylhexyl)phthalate	13.96	149	1499715	37.111	ng	# 97
85) Di-n-octyl phthalate	14.56	149	2567086	40.408	ng	98
86) Indeno(1,2,3-cd)pyrene	16.82	276	1405982	33.867	ng	# 89
88) Benzo(b)fluoranthene	14.99	252	1615001	38.861	ng	98
89) Benzo(k)fluoranthene	15.02	252	1626910	40.495	ng	99
90) Benzo(a)pyrene	15.34	252	1464989	38.431	ng	98
91) Dibenzo(a,h)anthracene	16.83	278	1171202	36.613	ng	99
92) Benzo(g,h,i)perylene	17.24	276	1155709	35.952	ng	99

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

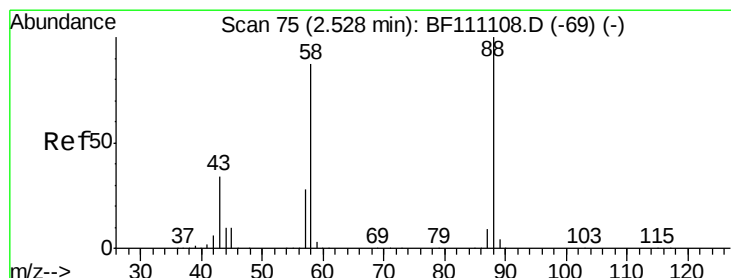
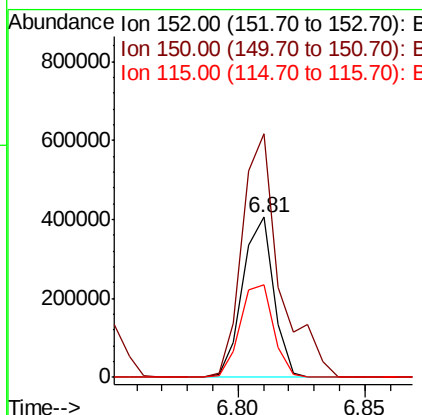
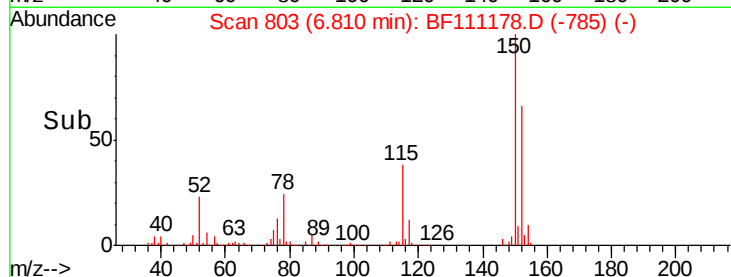
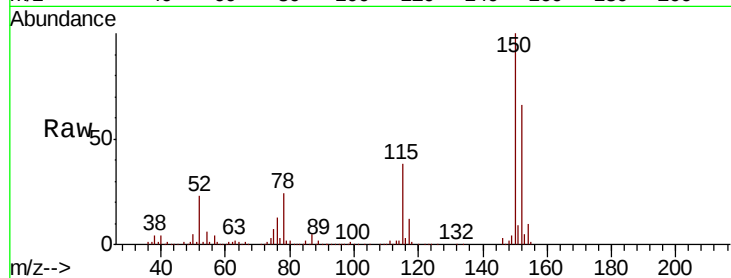


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BF111178.D
Acq: 7 Dec 2018 11:11

Instrument :
BNA_F
ClientSampleId :

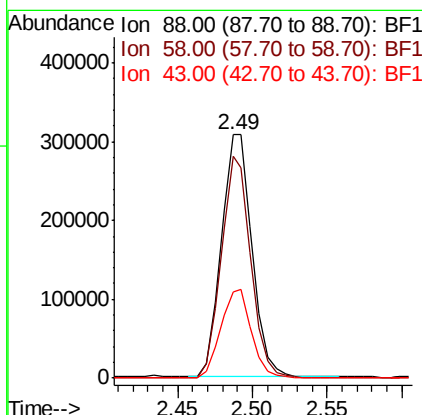
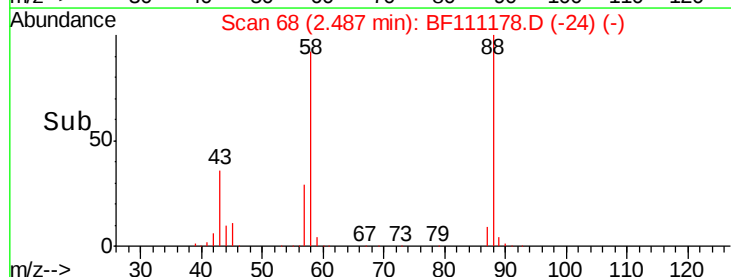
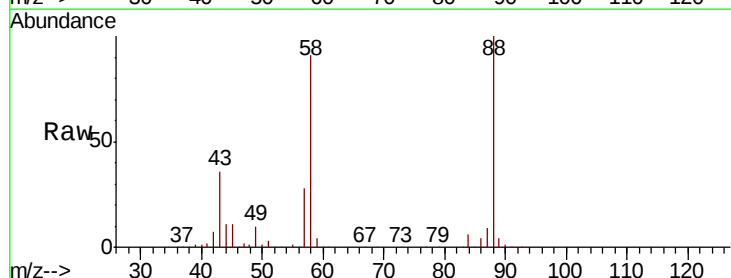
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.0	124.6	187.0
115	58.0	52.2	78.2

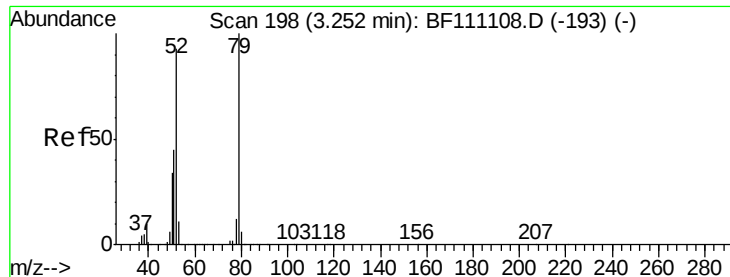


#2

1,4-Dioxane
Concen: 34.613 ng
RT: 2.49 min Scan# 68
Delta R.T. -0.04 min
Lab File: BF111178.D
Acq: 7 Dec 2018 11:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.3	70.8	106.2
43	36.5	28.3	42.5





#3

Pvridine

Concen: 35.244 ng

RT: 3.22 min Scan# 193

Delta R.T. -0.03 min

Lab File: BF111178.D

Acq: 7 Dec 2018 11:11

Instrument :

BNA_F

ClientSampleId :

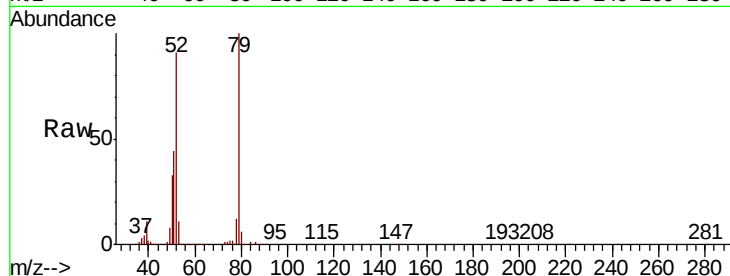
Tot Ion: 79 Resp: 997206

Ion Ratio Lower Upper

79 100

52 90.9 74.7 112.1

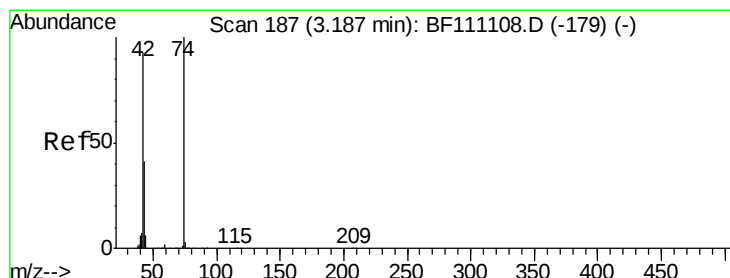
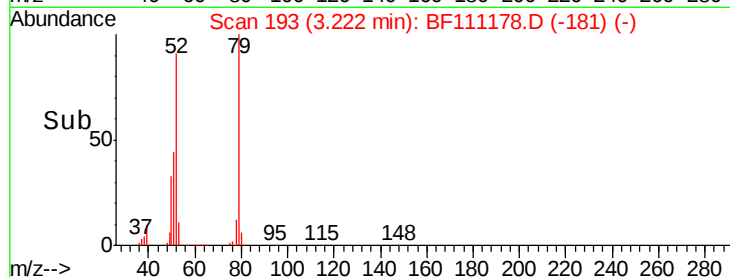
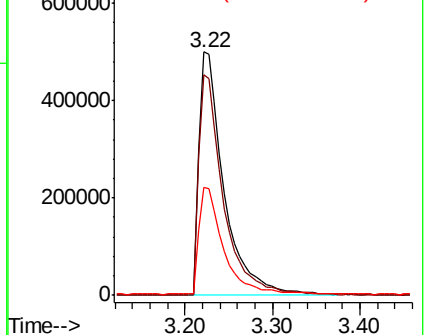
51 44.2 35.9 53.9



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: 34.985 ng

RT: 3.16 min Scan# 182

Delta R.T. -0.03 min

Lab File: BF111178.D

Acq: 7 Dec 2018 11:11

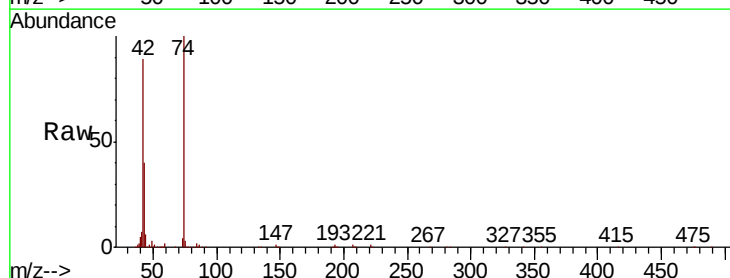
Tgt Ion: 42 Resp: 487383

Ion Ratio Lower Upper

42 100

74 112.3 86.2 129.2

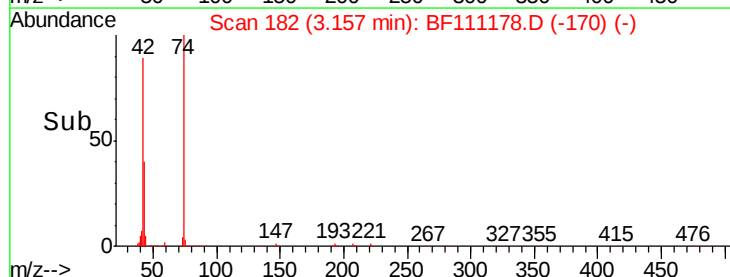
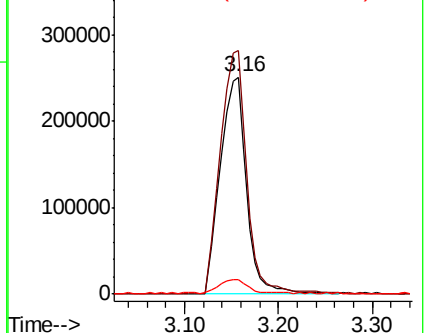
44 6.6 5.7 8.5

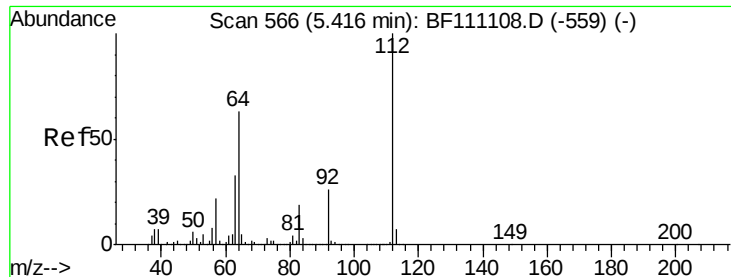


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 74.216 ng

RT: 5.42 min Scan# 566

Delta R.T. -0.00 min

Lab File: BF111178.D

Acq: 7 Dec 2018 11:11

Instrument :

BNA_F

ClientSampled :

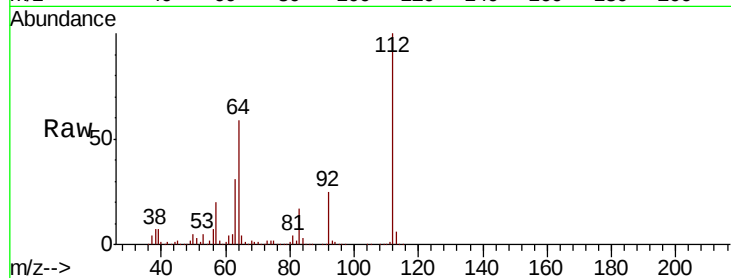
Tot Ion:112 Resp: 1646050

Ion Ratio Lower Upper

112 100

64 59.1 50.2 75.4

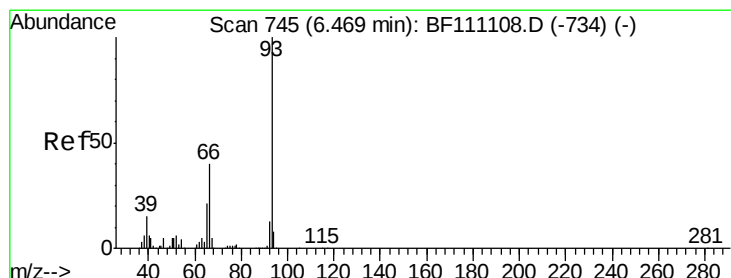
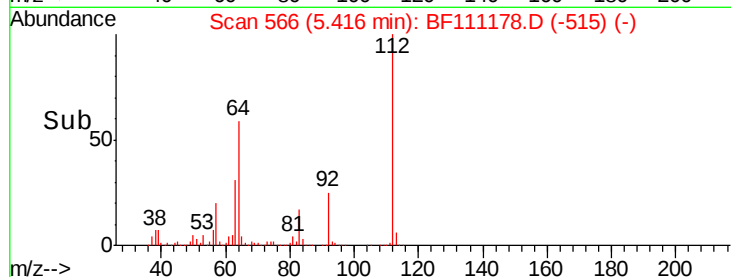
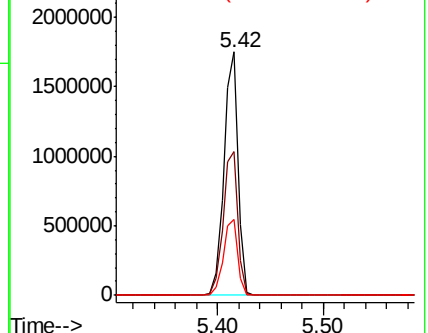
63 31.1 26.6 39.8



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 36.421 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF111178.D

Acq: 7 Dec 2018 11:11

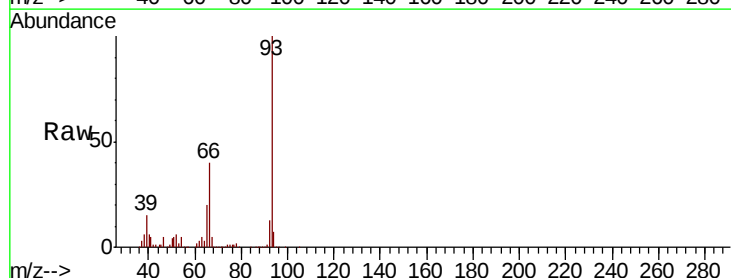
Tgt Ion: 93 Resp: 1390225

Ion Ratio Lower Upper

93 100

66 39.8 31.8 47.8

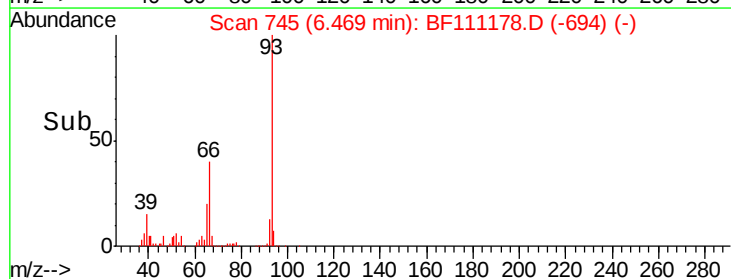
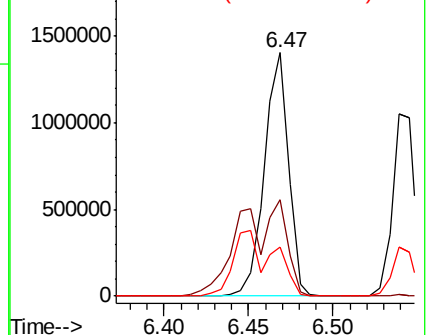
65 20.3 16.6 24.8

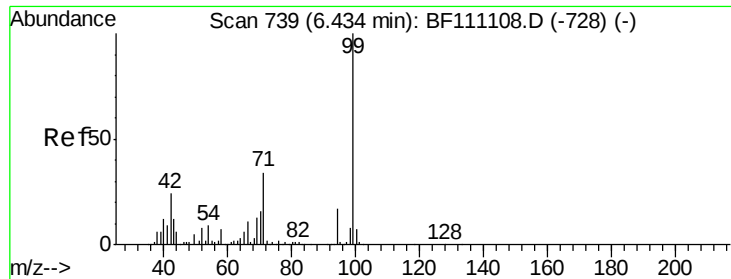


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 73.623 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF111178.D

Acq: 7 Dec 2018 11:11

Instrument :

BNA_F

ClientSampleId :

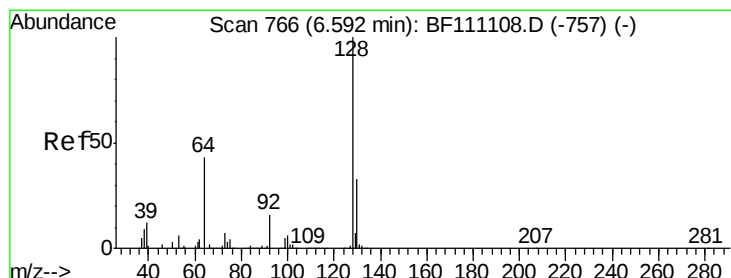
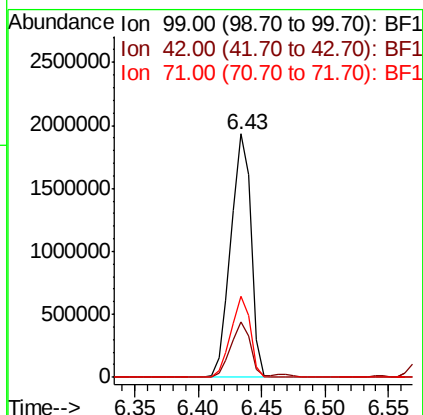
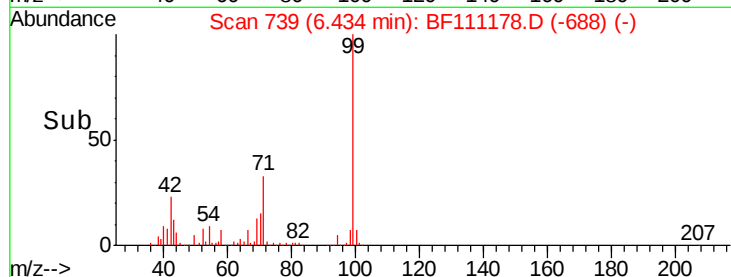
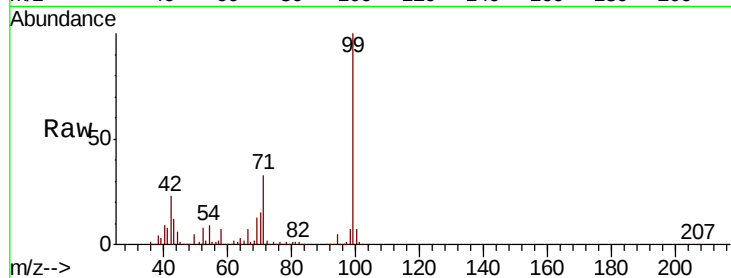
Tot Ion: 99 Resp: 2103464

Ion Ratio Lower Upper

99 100

42 22.9 19.3 28.9

71 33.4 27.4 41.2



#8

2-Chlorophenol

Concen: 37.241 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF111178.D

Acq: 7 Dec 2018 11:11

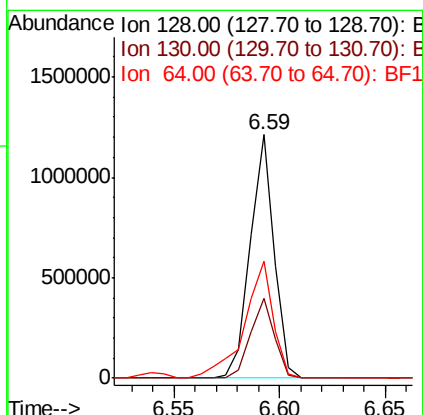
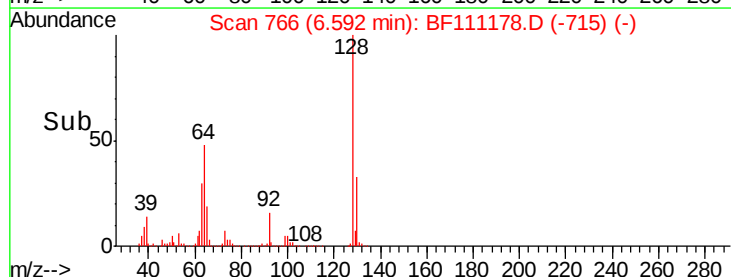
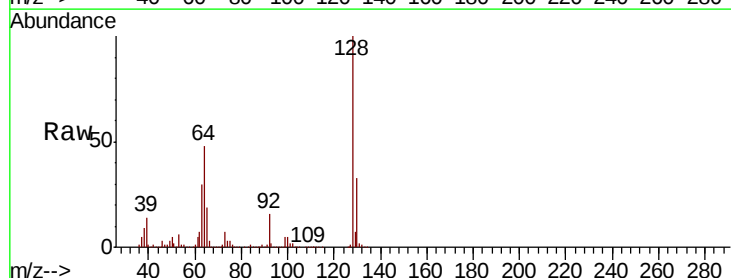
Tgt Ion:128 Resp: 952036

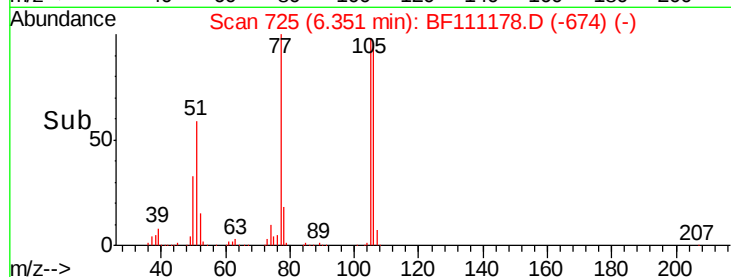
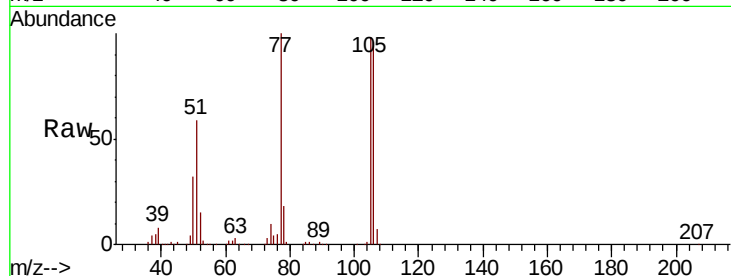
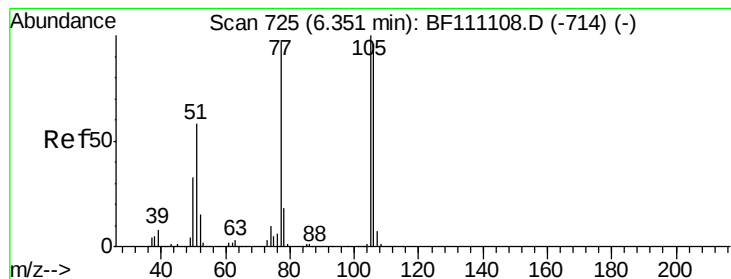
Ion Ratio Lower Upper

128 100

130 32.7 12.8 52.8

64 48.0 26.6 66.6





#9

Benzaldehyde

Concen: 37.254 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF111178.D

Acq: 7 Dec 2018 11:11

Instrument :

BNA_F

ClientSampleId :

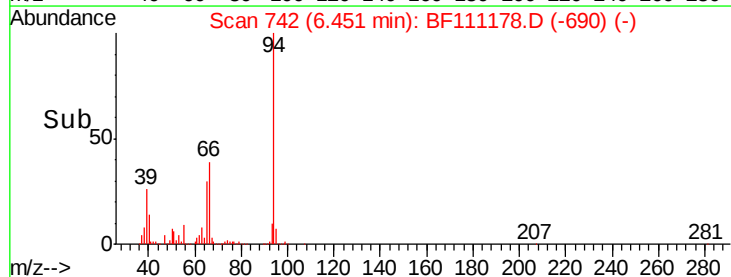
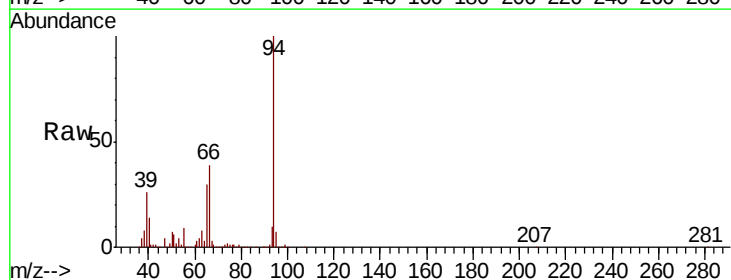
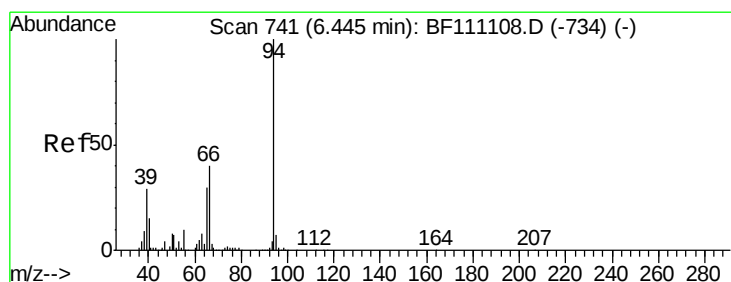
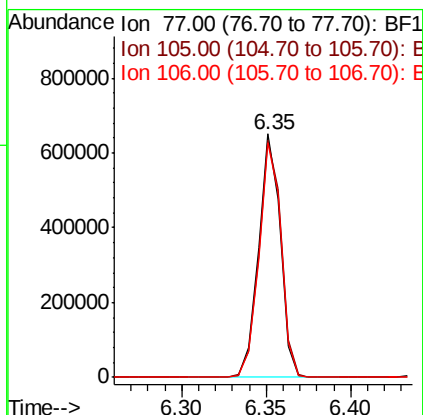
Tot Ion: 77 Resp: 583397

Ion Ratio Lower Upper

77 100

105 97.6 83.1 123.1

106 96.2 79.0 119.0



#10

Phenol

Concen: 39.172 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF111178.D

Acq: 7 Dec 2018 11:11

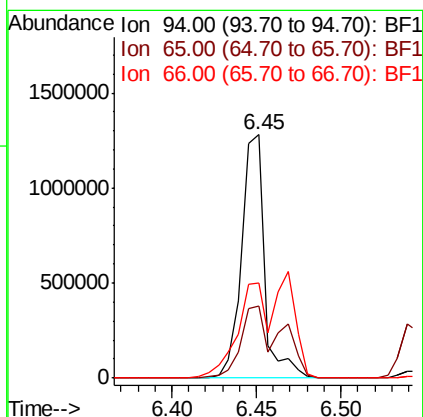
Tgt Ion: 94 Resp: 1220315

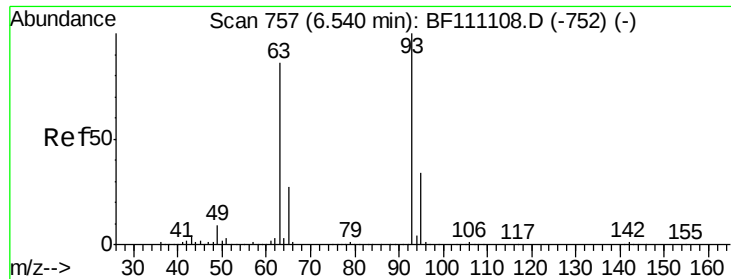
Ion Ratio Lower Upper

94 100

65 29.6 10.5 50.5

66 39.2 19.8 59.8

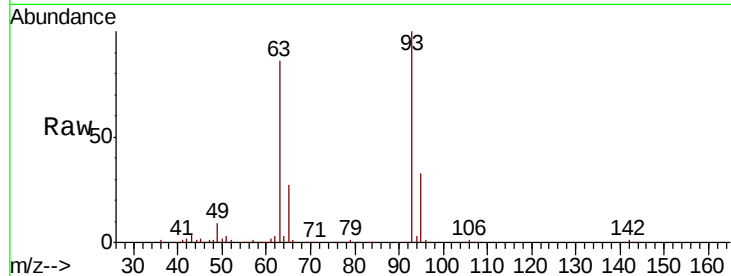




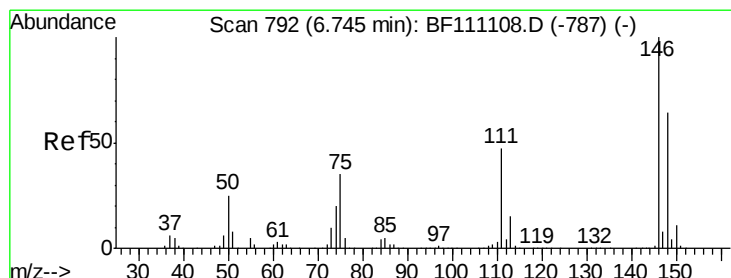
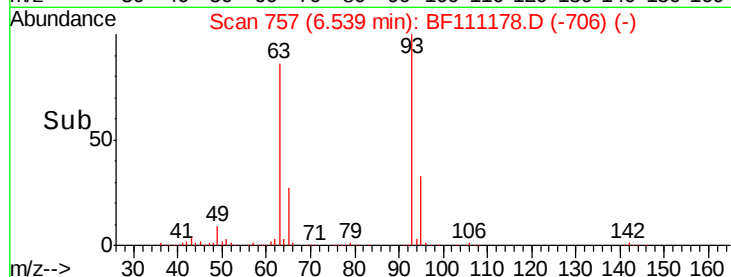
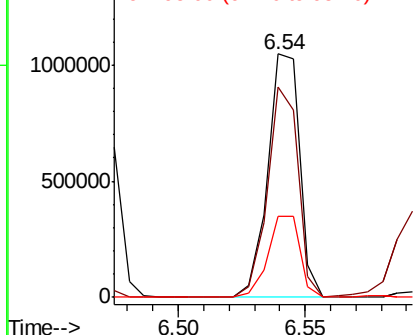
#11
bis(2-Chloroethyl)ether
Concen: 36.330 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF111178.D
Acq: 7 Dec 2018 11:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 925009
Ion Ratio Lower Upper
93 100
63 86.2 66.0 106.0
95 33.1 14.3 54.3

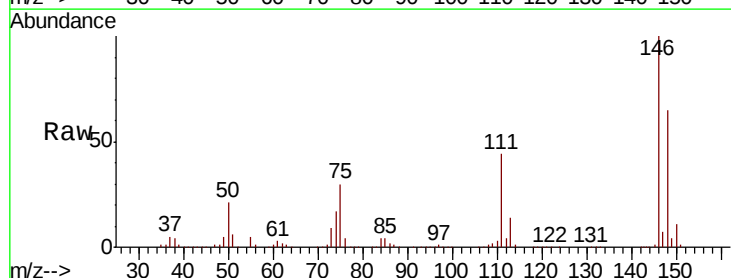


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

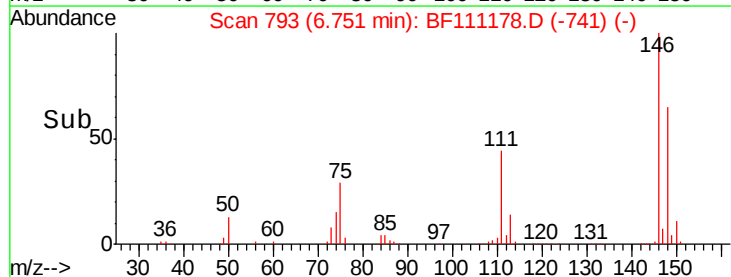
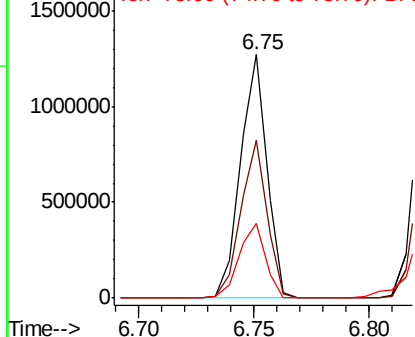


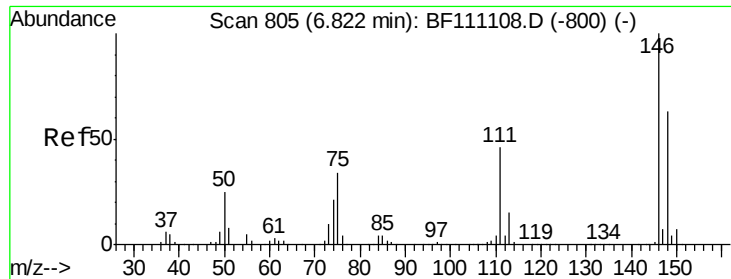
#12
1,3-Dichlorobenzene
Concen: 37.308 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.01 min
Lab File: BF111178.D
Acq: 7 Dec 2018 11:11

Tgt Ion:146 Resp: 1014323
Ion Ratio Lower Upper
146 100
148 64.7 51.3 76.9
75 30.5 27.7 41.5



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

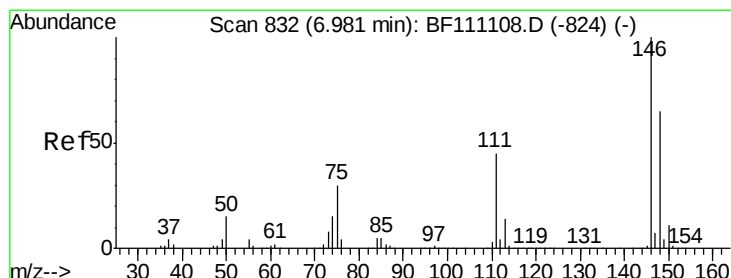
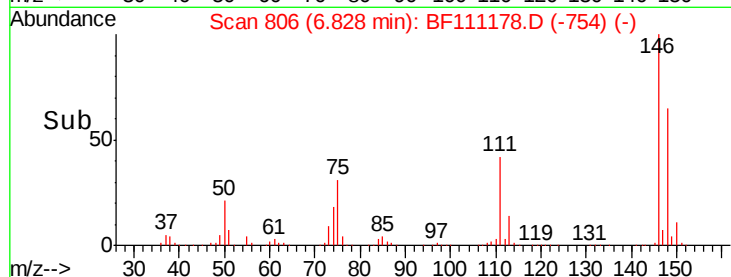
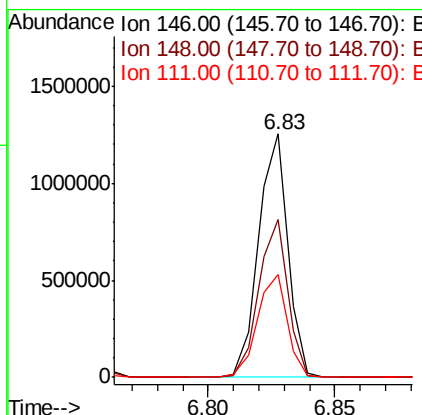
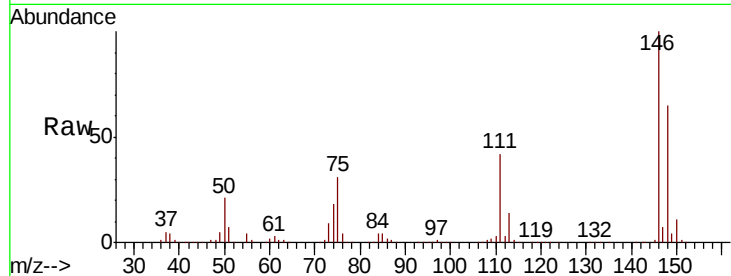




#13
 1,4-Dichlorobenzene
 Concen: 37.023 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: BF111178.D
 Acq: 7 Dec 2018 11:11

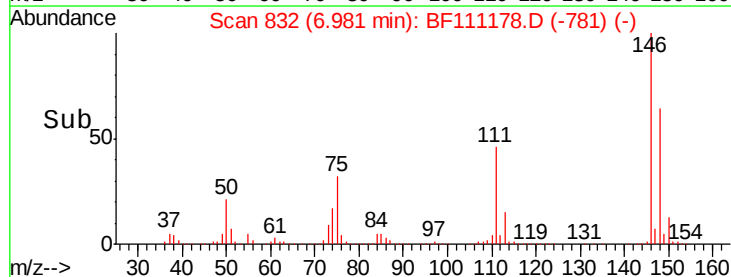
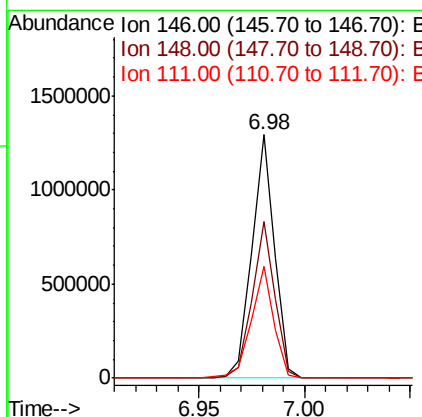
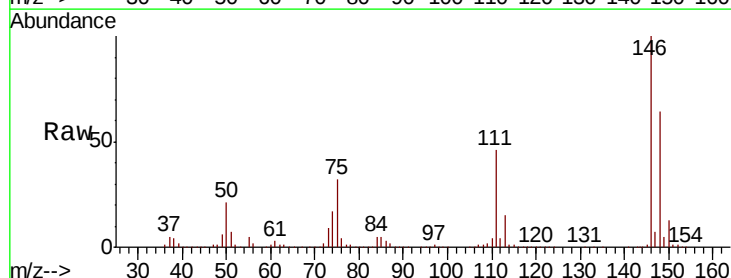
Instrument :
 BNA_F
 ClientSampleId :

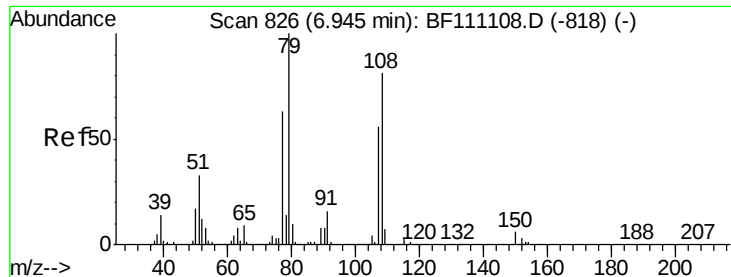
Tot Ion:146 Resp: 1012948
 Ion Ratio Lower Upper
 146 100
 148 64.6 50.3 75.5
 111 42.0 36.6 55.0



#14
 1,2-Dichlorobenzene
 Concen: 37.734 ng
 RT: 6.98 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BF111178.D
 Acq: 7 Dec 2018 11:11

Tgt Ion:146 Resp: 960382
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.8 77.6
 111 45.8 35.7 53.5





#15

Benzyl Alcohol

Concen: 36.936 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.00 min

Lab File: BF111178.D

Acq: 7 Dec 2018 11:11

Instrument :

BNA_F

ClientSampleId :

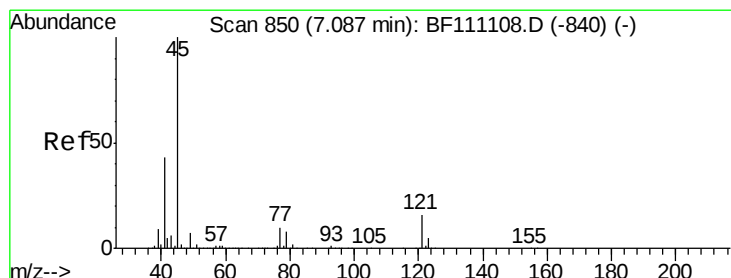
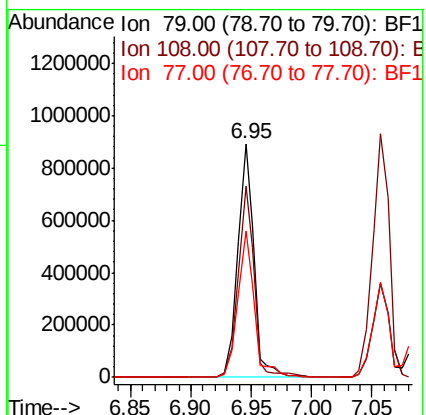
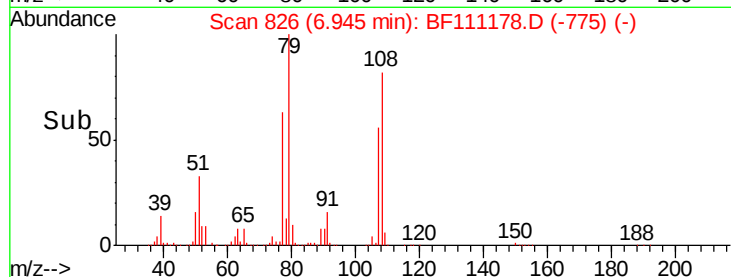
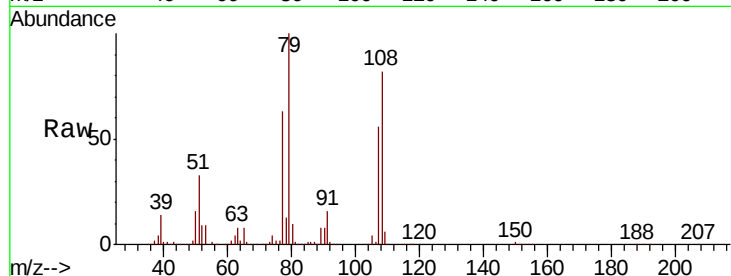
Tot Ion: 79 Resp: 836149

Ion Ratio Lower Upper

79 100

108 81.8 64.5 96.7

77 62.7 50.5 75.7



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.185 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.00 min

Lab File: BF111178.D

Acq: 7 Dec 2018 11:11

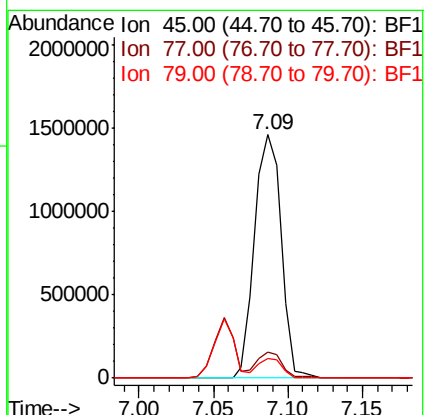
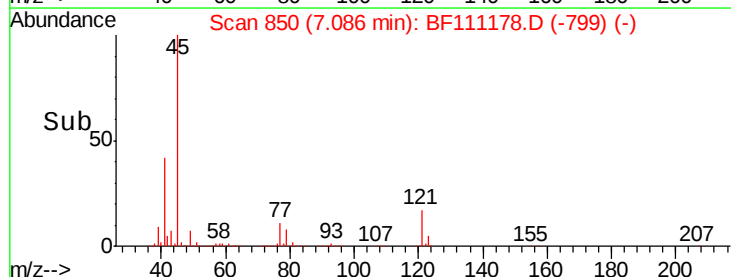
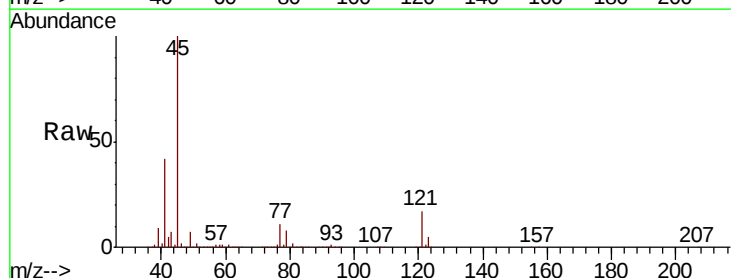
Tgt Ion: 45 Resp: 1792154

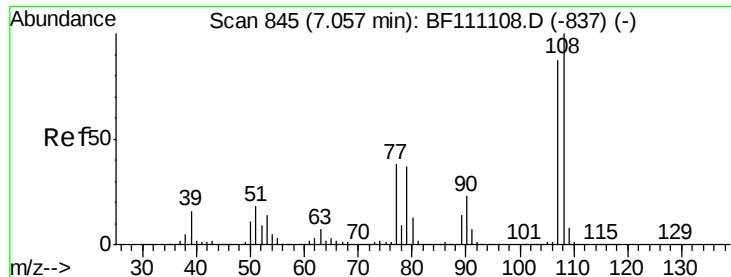
Ion Ratio Lower Upper

45 100

77 10.6 0.0 30.6

79 7.9 0.0 28.4





#17

2-Methylphenol

Concen: 36.758 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.00 min

Lab File: BF111178.D

Acq: 7 Dec 2018 11:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 771377

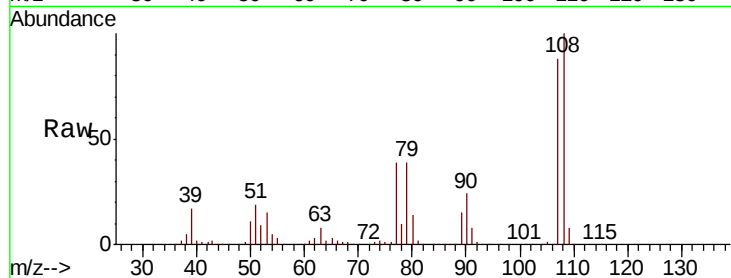
Ion Ratio Lower Upper

107 100

108 113.2 91.8 137.8

77 44.1 34.7 52.1

79 43.8 34.2 51.2

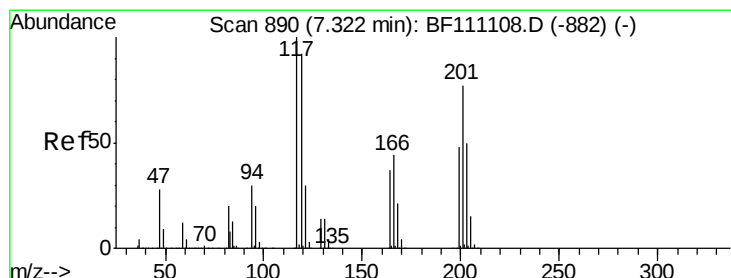
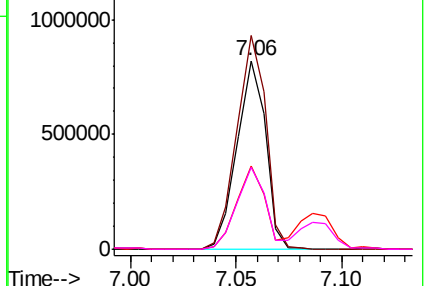
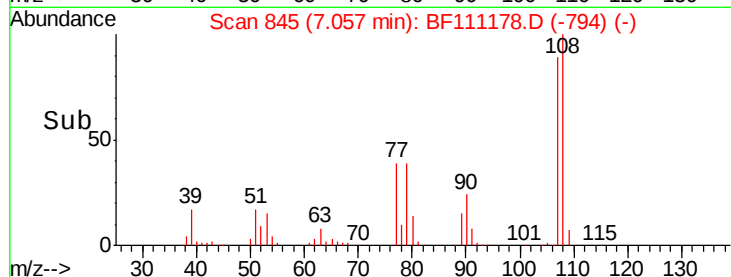


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 36.919 ng

RT: 7.33 min Scan# 891

Delta R.T. 0.01 min

Lab File: BF111178.D

Acq: 7 Dec 2018 11:11

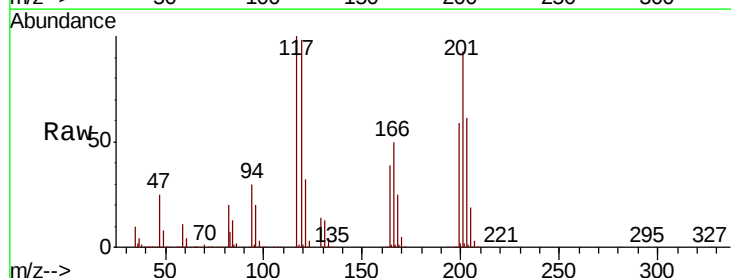
Tgt Ion:117 Resp: 378933

Ion Ratio Lower Upper

117 100

119 97.5 73.8 110.6

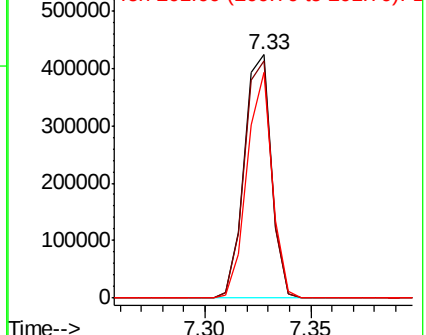
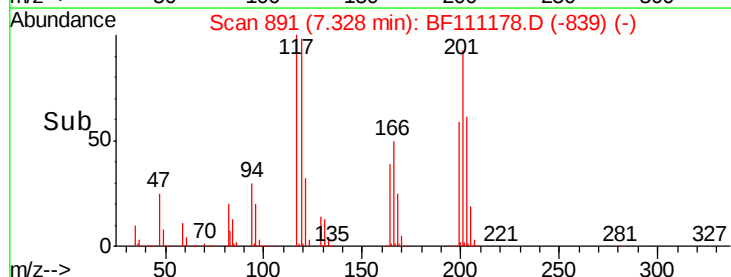
201 92.6 61.2 91.8#

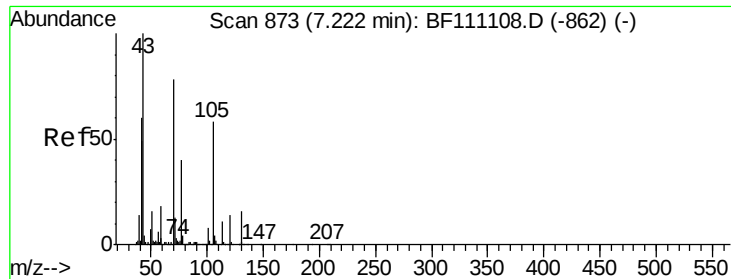


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

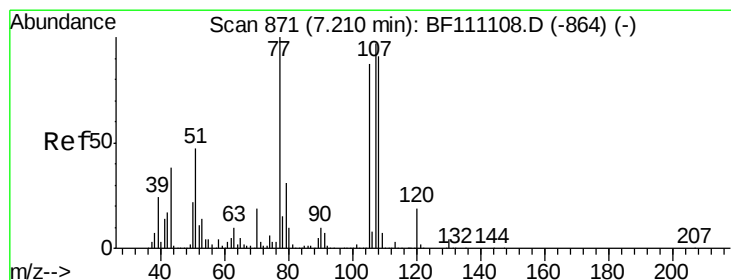
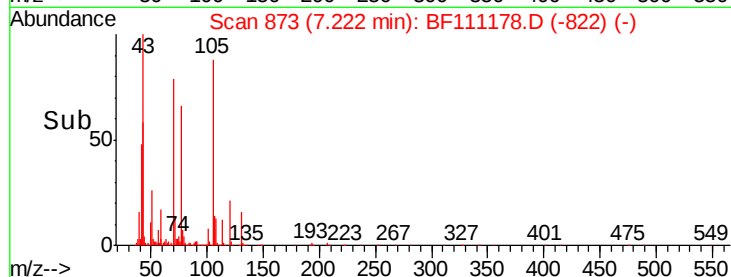
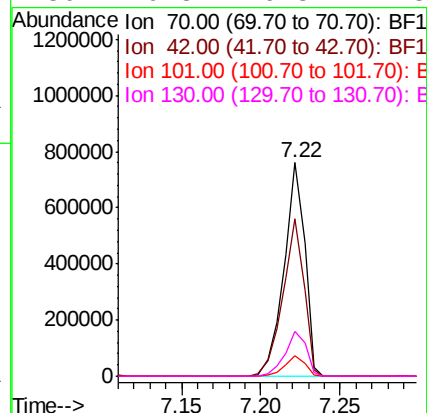
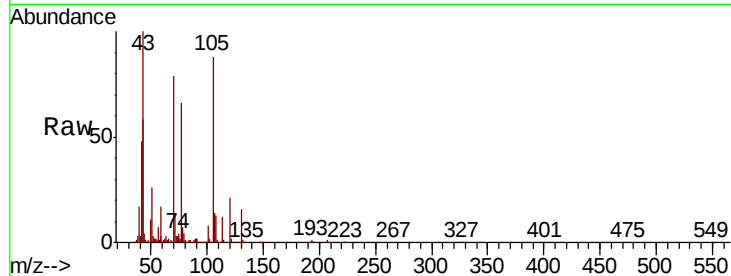




#19
n-Nitroso-di-n-propylamine
Concen: 36.093 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF111178.D
Acq: 7 Dec 2018 11:11

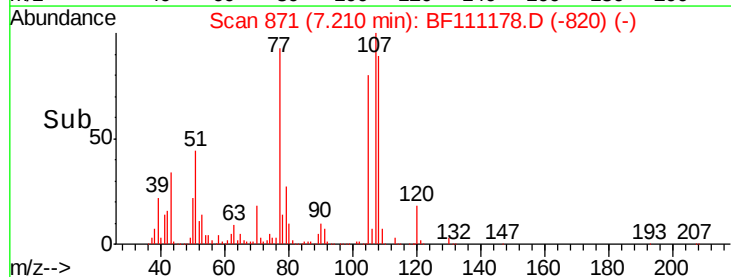
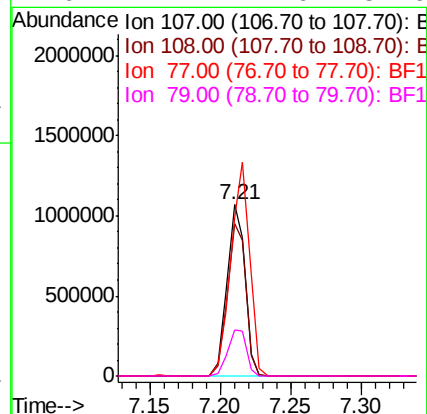
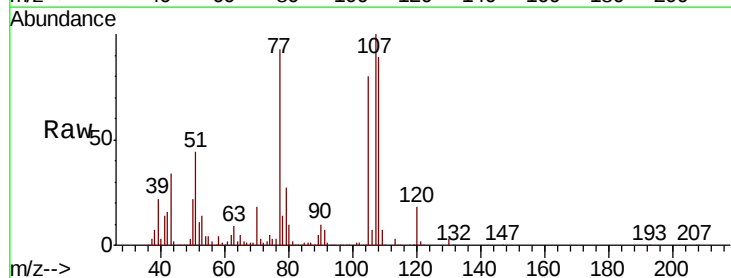
Instrument :
BNA_F
ClientSampleId :

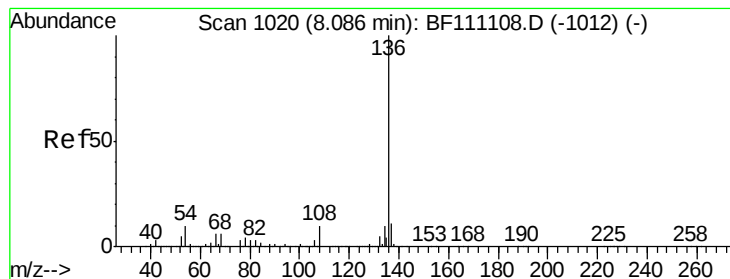
Tot Ion:	70	Resp:	692993
Ion	Ratio	Lower	Upper
70	100		
42	73.7	61.3	91.9
101	9.7	7.7	11.5
130	20.8	16.3	24.5



#20
3+4-Methylphenols
Concen: 36.927 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF111178.D
Acq: 7 Dec 2018 11:11

Tgt Ion:	107	Resp:	945132
Ion	Ratio	Lower	Upper
107	100		
108	89.1	74.0	114.0
77	92.8	83.2	123.2
79	27.1	11.6	51.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.01 min

Lab File: BF111178.D

Acq: 7 Dec 2018 11:11

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 1429733

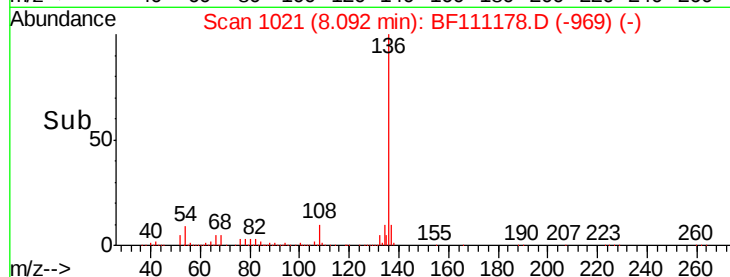
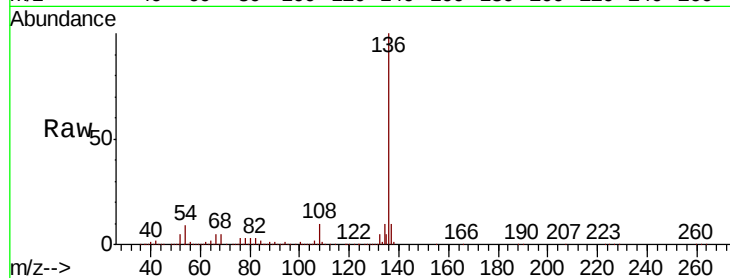
Ion Ratio Lower Upper

136 100

137 10.5 9.0 13.6

54 9.0 8.4 12.6

68 5.4 5.0 7.4



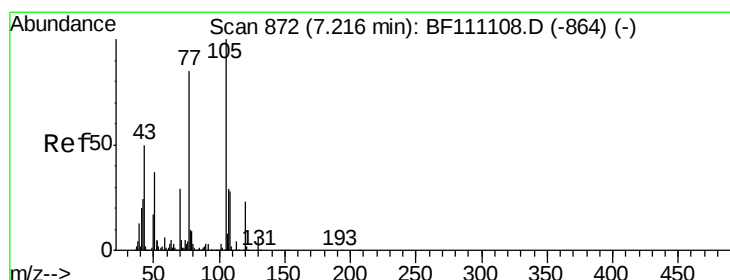
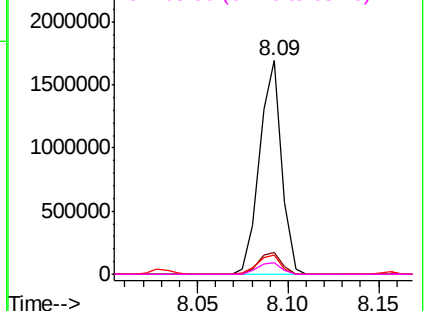
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 36.300 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.00 min

Lab File: BF111178.D

Acq: 7 Dec 2018 11:11

Tgt Ion:105 Resp: 1254182

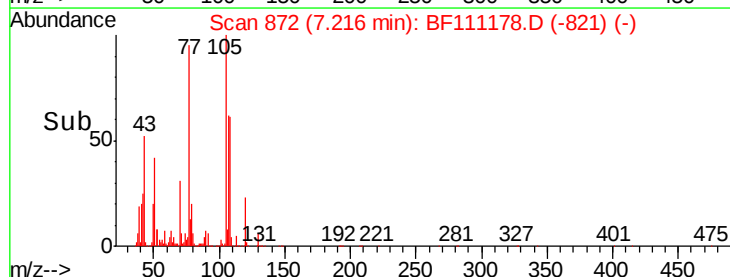
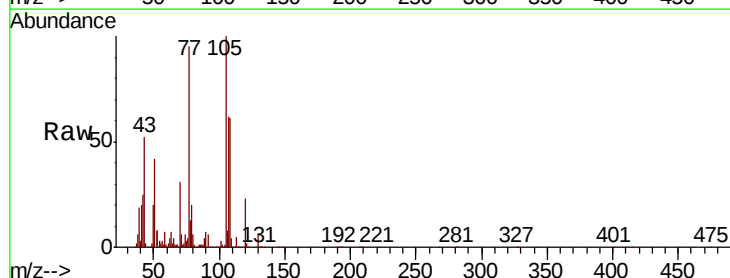
Ion Ratio Lower Upper

105 100

71 5.5 4.0 6.0

51 41.6 29.8 44.8

120 22.8 18.7 28.1



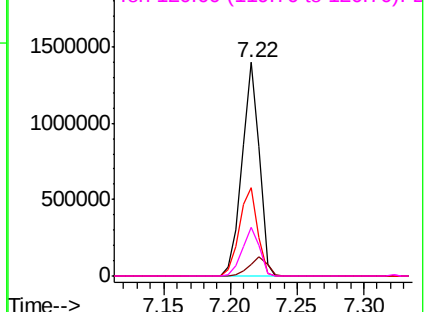
Abundance

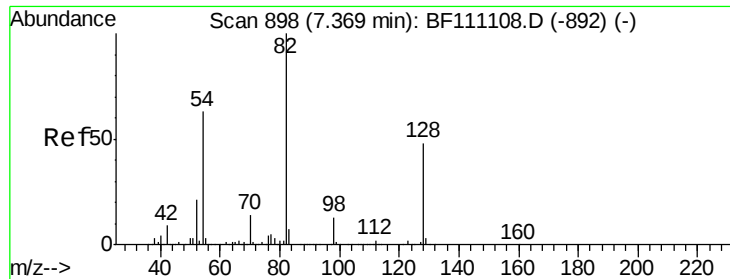
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

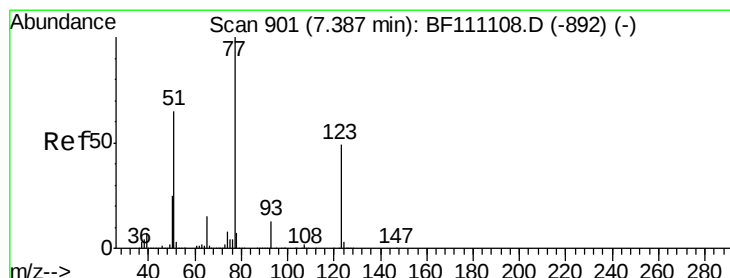
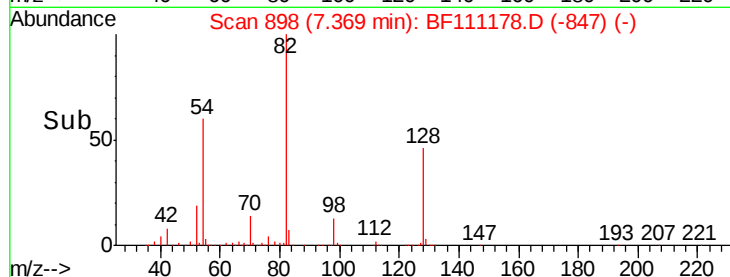
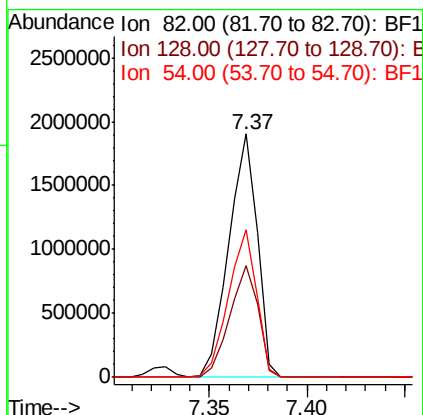
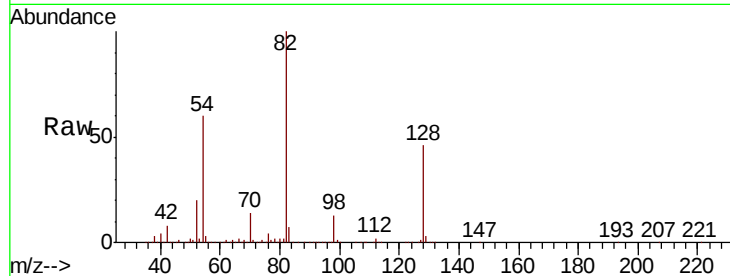




#23
 Nitrobenzene-d5
 Concen: 79.545 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BF111178.D
 Acq: 7 Dec 2018 11:11

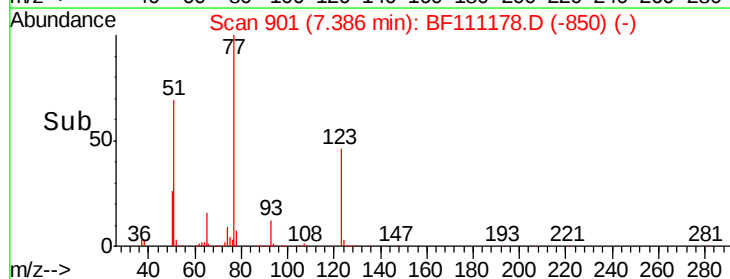
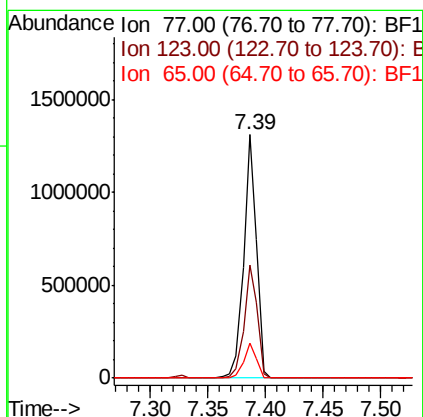
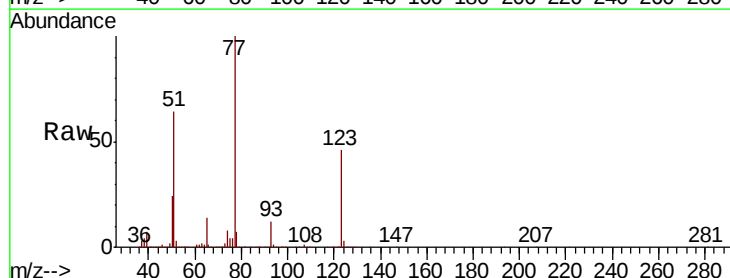
Instrument :
 BNA_F
 ClientSampled :

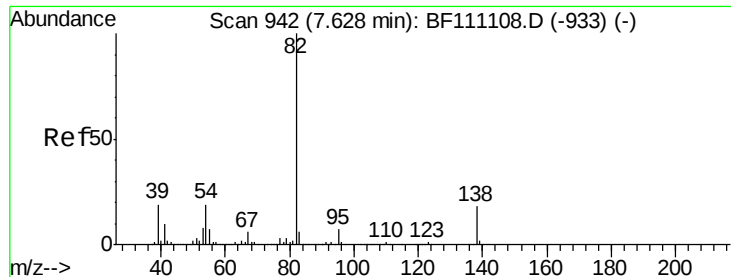
Tot Ion: 82 Resp: 1920969
 Ion Ratio Lower Upper
 82 100
 128 46.0 38.1 57.1
 54 60.4 50.3 75.5



#24
 Nitrobenzene
 Concen: 38.812 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BF111178.D
 Acq: 7 Dec 2018 11:11

Tgt Ion: 77 Resp: 1008364
 Ion Ratio Lower Upper
 77 100
 123 46.3 39.5 59.3
 65 14.2 11.8 17.6





#25

Isophorone

Concen: 36.344 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF111178.D

Acq: 7 Dec 2018 11:11

Instrument :

BNA_F

ClientSampleId :

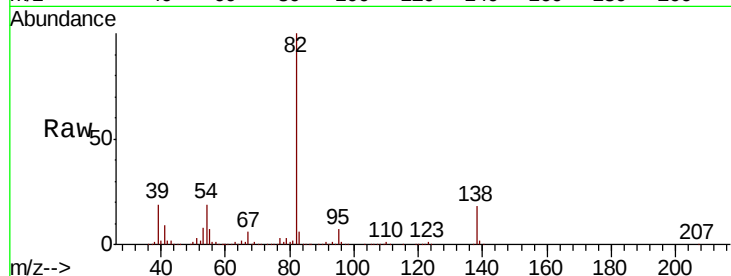
Tot Ion: 82 Resp: 1610771

Ion Ratio Lower Upper

82 100

95 6.8 5.6 8.4

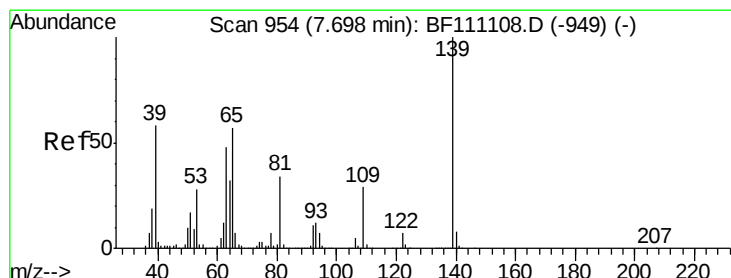
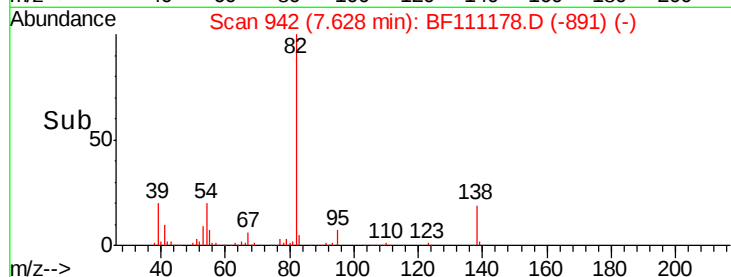
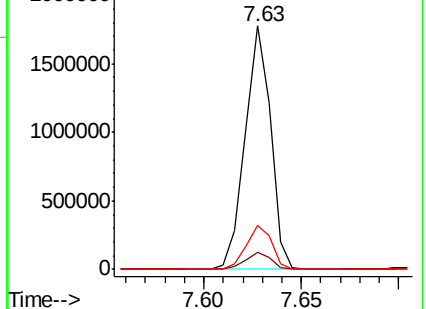
138 17.9 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 44.714 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.01 min

Lab File: BF111178.D

Acq: 7 Dec 2018 11:11

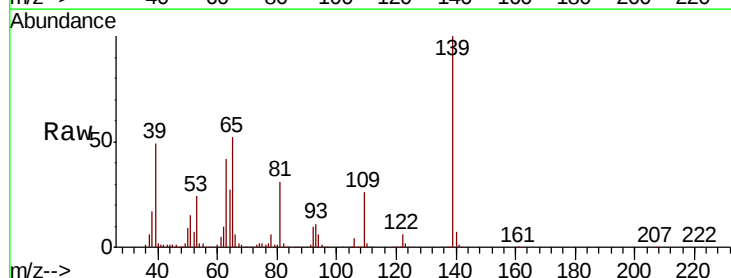
Tgt Ion: 139 Resp: 490855

Ion Ratio Lower Upper

139 100

109 26.4 23.1 34.7

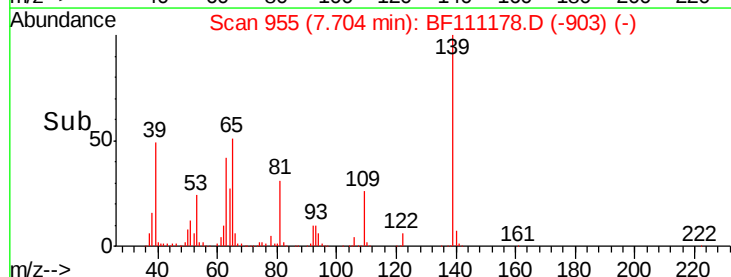
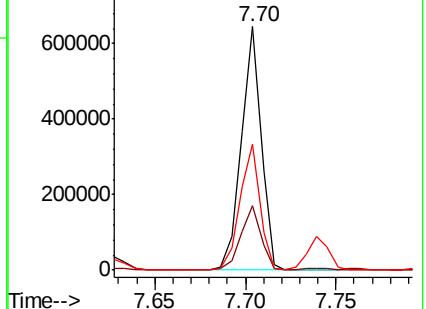
65 51.9 45.9 68.9

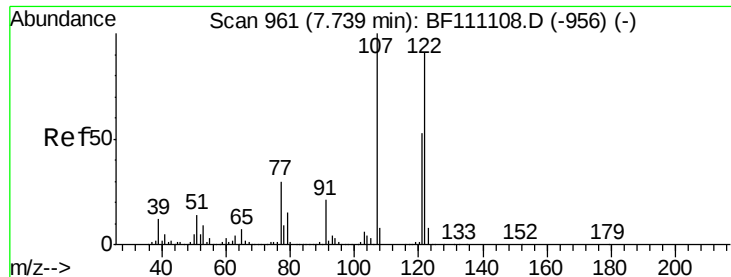


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 36.791 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.00 min

Lab File: BF111178.D

Acq: 7 Dec 2018 11:11

Instrument :

BNA_F

ClientSampleId :

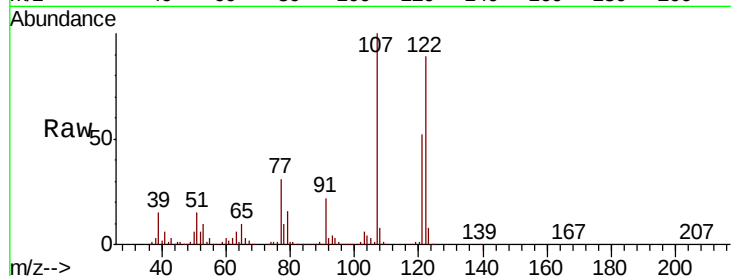
Tot Ion:122 Resp: 760622

Ion Ratio Lower Upper

122 100

107 112.5 87.4 131.0

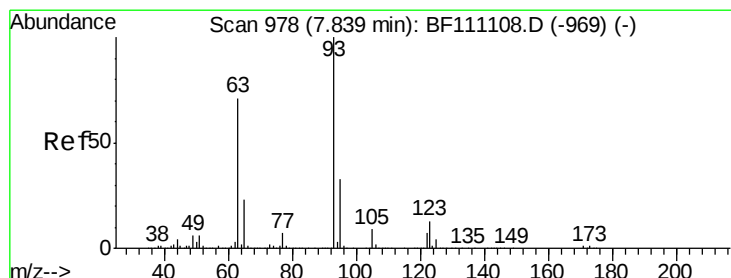
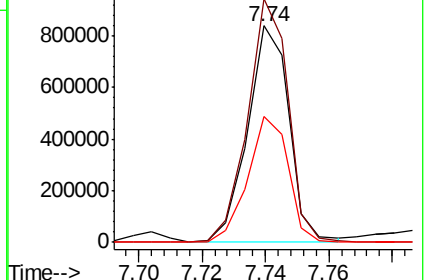
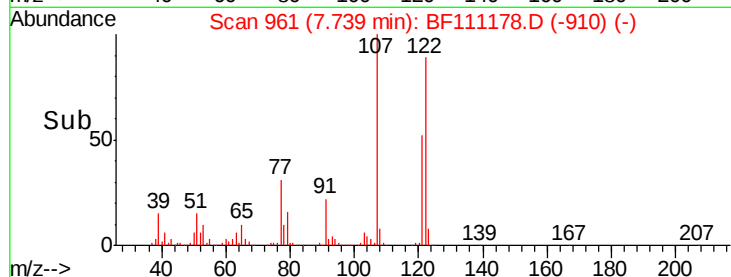
121 58.0 45.9 68.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 36.833 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.00 min

Lab File: BF111178.D

Acq: 7 Dec 2018 11:11

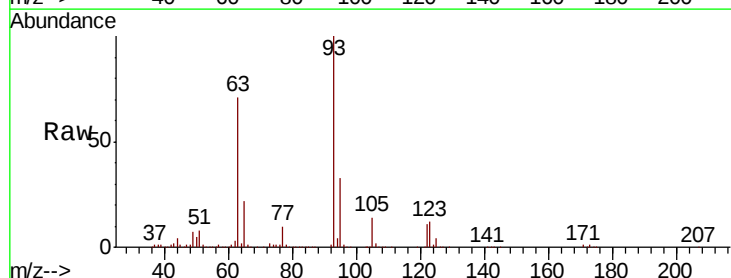
Tgt Ion: 93 Resp: 1105113

Ion Ratio Lower Upper

93 100

95 32.8 26.6 39.8

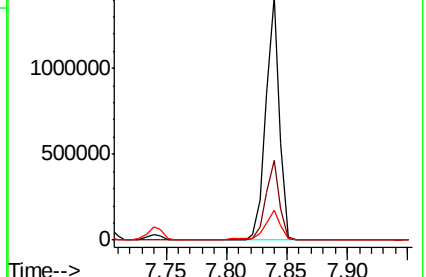
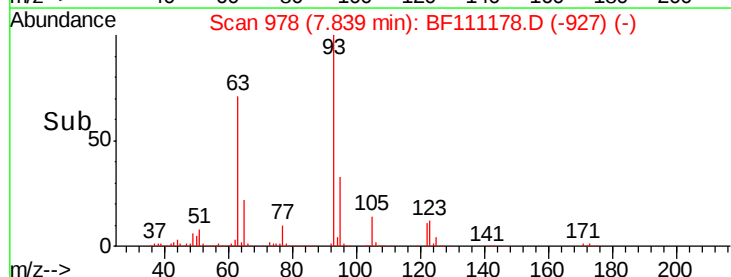
123 12.2 10.3 15.5

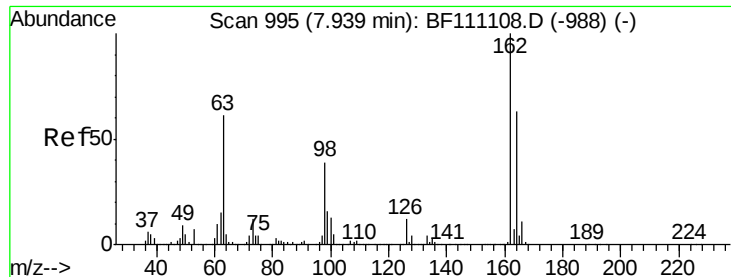


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

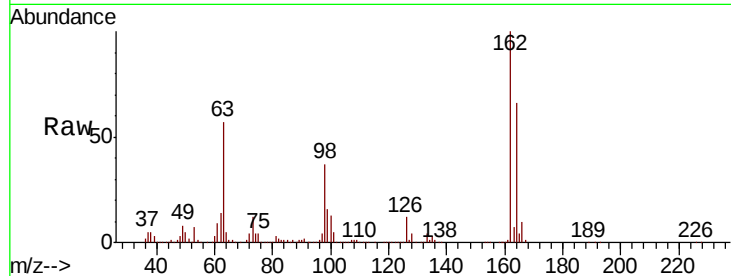




#29
2,4-Dichlorophenol
Concen: 37.885 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.01 min
Lab File: BF111178.D
Acq: 7 Dec 2018 11:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.8	43.3	83.3
98	37.4	18.9	58.9

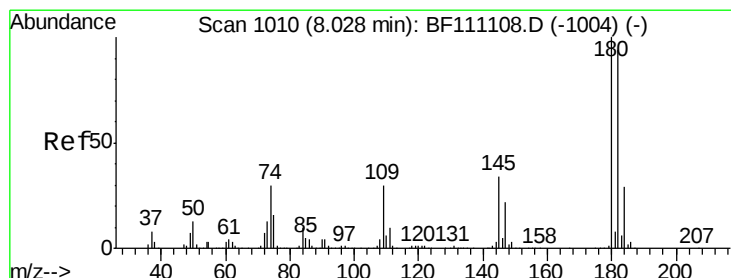
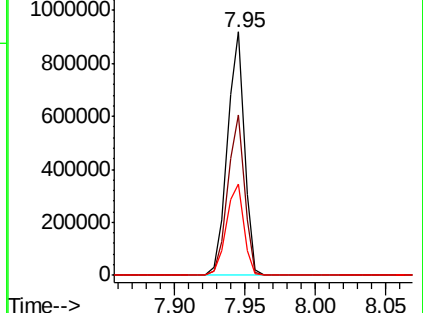
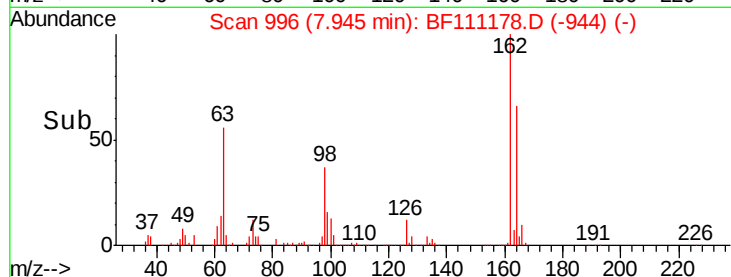


Abundance

Ion 162.00 (161.70 to 162.70): E

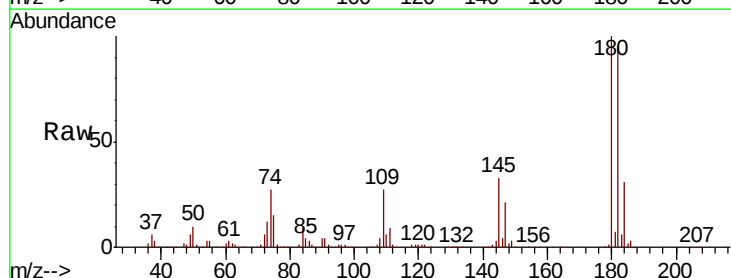
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 37.609 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.01 min
Lab File: BF111178.D
Acq: 7 Dec 2018 11:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	75.1	112.7
145	33.4	27.6	41.4

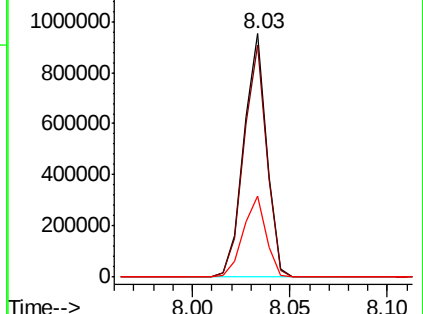
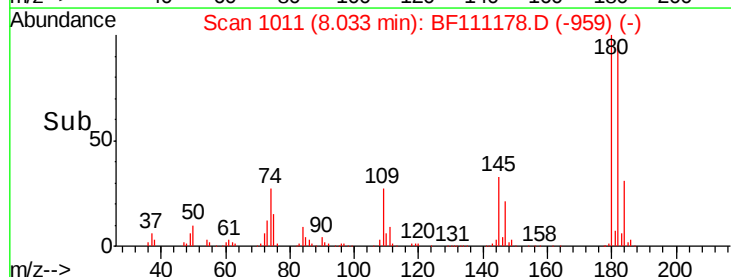


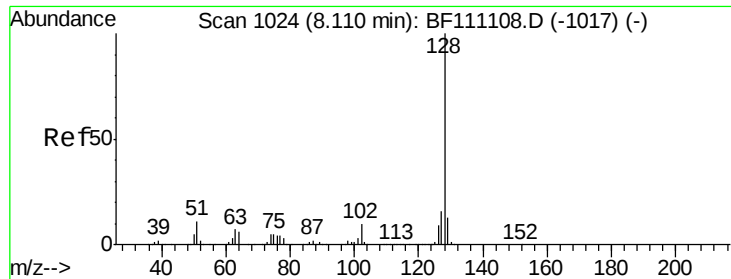
Abundance

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

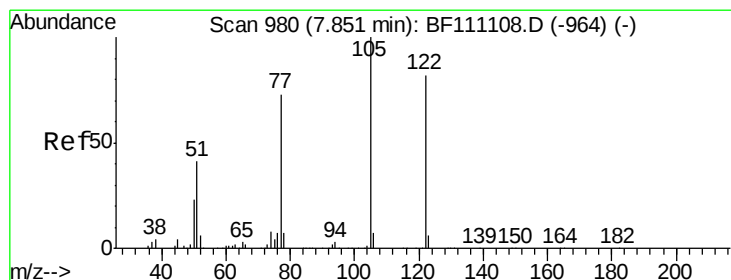
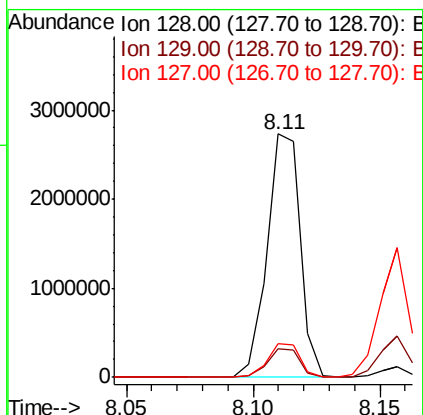
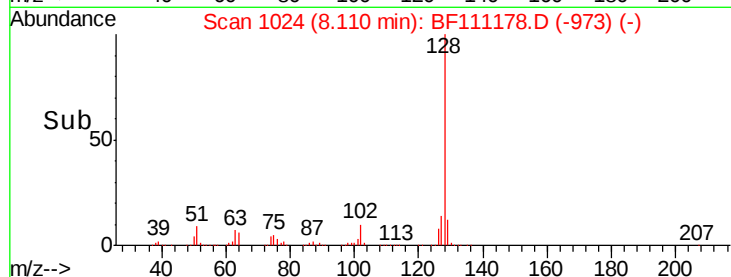
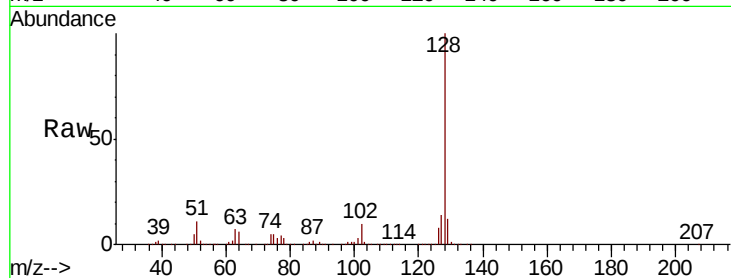




#31
Naphthalene
Concen: 40.346 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF111178.D
Acq: 7 Dec 2018 11:11

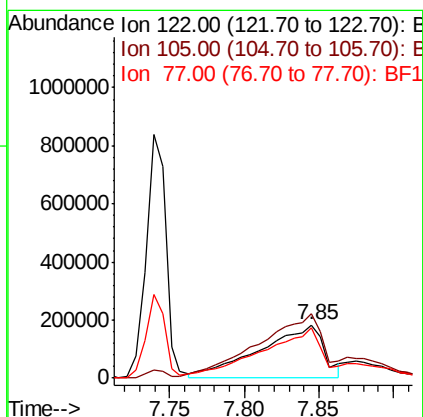
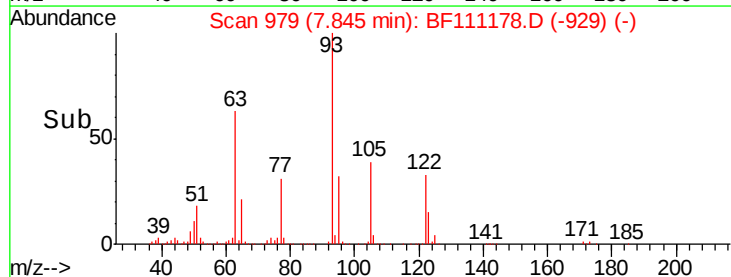
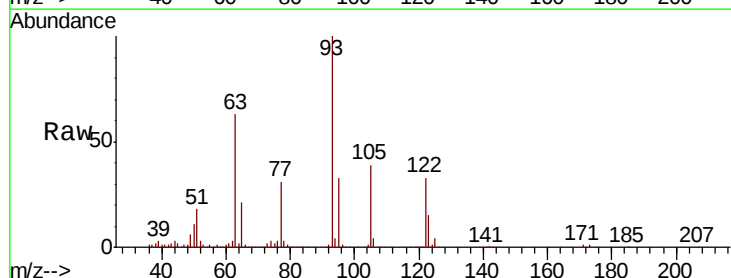
Instrument :
BNA_F
ClientSampleId :

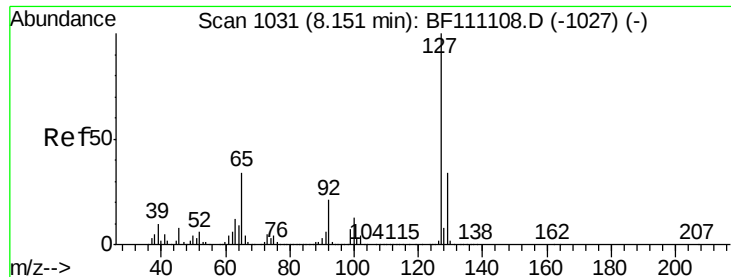
Tot Ion:128 Resp: 2511504
Ion Ratio Lower Upper
128 100
129 11.9 10.5 15.7
127 13.8 12.5 18.7



#32
Benzoic acid
Concen: 39.726 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.01 min
Lab File: BF111178.D
Acq: 7 Dec 2018 11:11

Tgt Ion:122 Resp: 541593
Ion Ratio Lower Upper
122 100
105 120.9 100.1 140.1
77 94.4 69.4 109.4

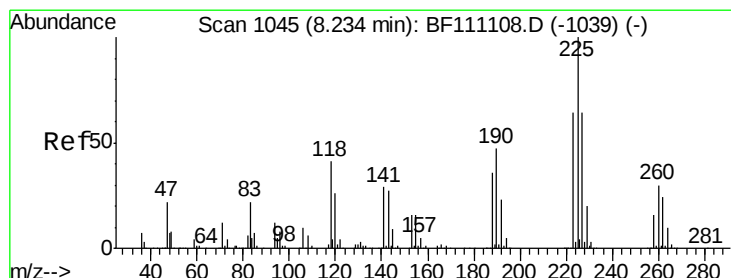
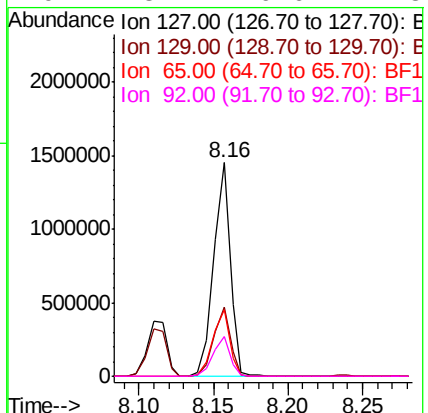
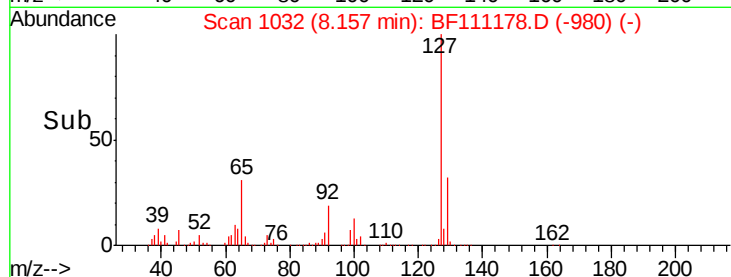
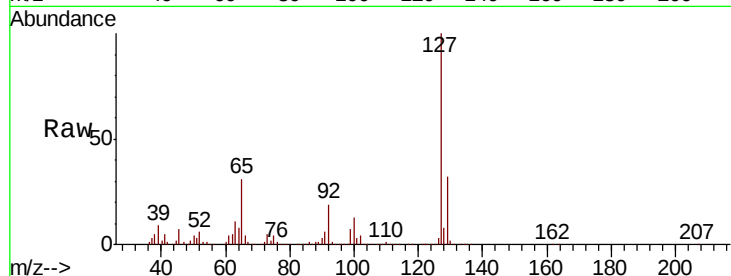




#33
4-Chloroaniline
Concen: 37.538 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.01 min
Lab File: BF111178.D
Acq: 7 Dec 2018 11:11

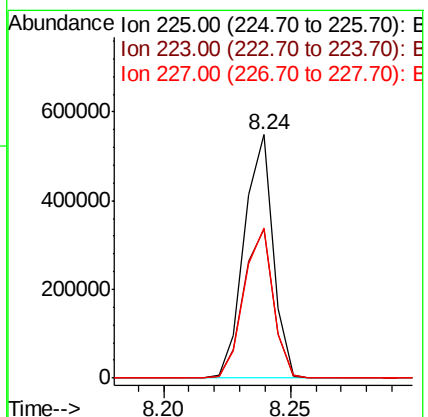
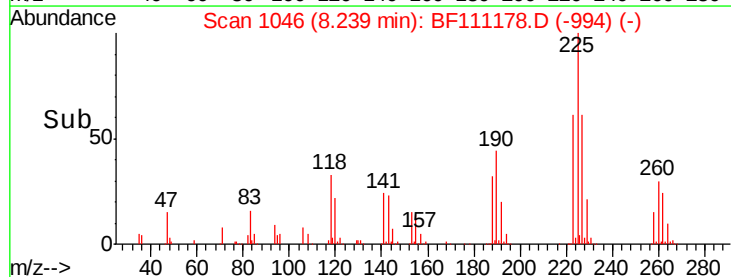
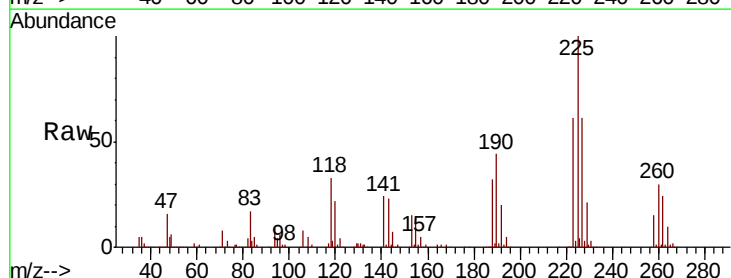
Instrument :
BNA_F
ClientSampleId :

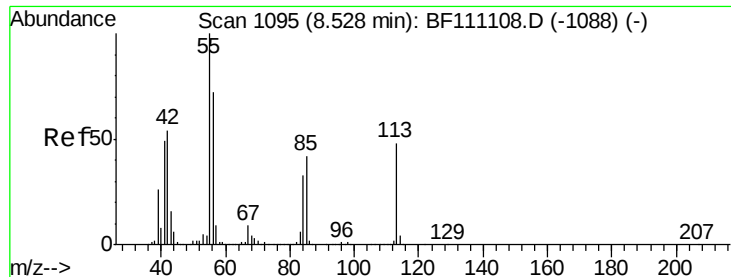
Tot Ion:127 Resp: 1129511
Ion Ratio Lower Upper
127 100
129 32.3 27.0 40.6
65 31.3 27.2 40.8
92 18.7 16.6 24.8



#34
Hexachlorobutadiene
Concen: 38.911 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.01 min
Lab File: BF111178.D
Acq: 7 Dec 2018 11:11

Tgt Ion:225 Resp: 434416
Ion Ratio Lower Upper
225 100
223 61.0 51.4 77.2
227 61.4 51.0 76.4

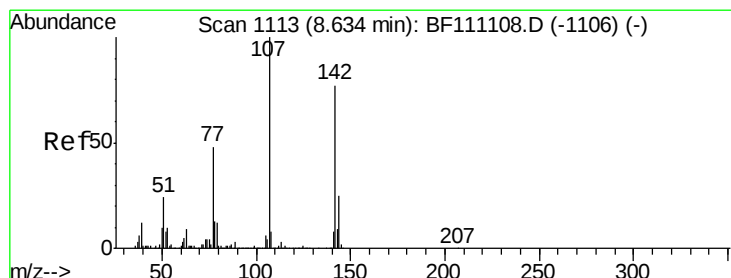
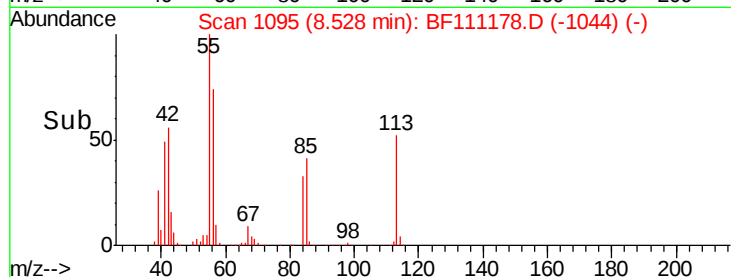
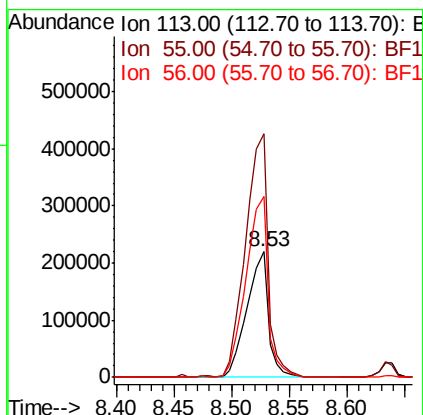
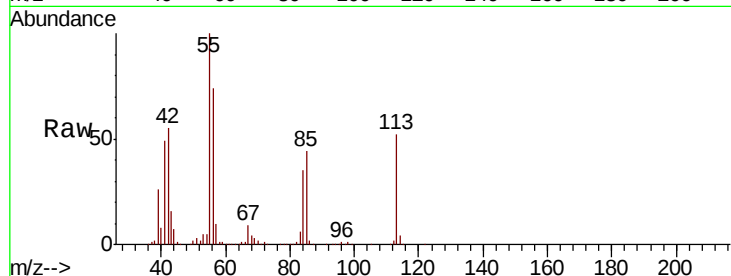




#35
 Caprolactam
 Concen: 38.212 ng
 RT: 8.53 min Scan# 1095
 Delta R.T. -0.00 min
 Lab File: BF111178.D
 Acq: 7 Dec 2018 11:11

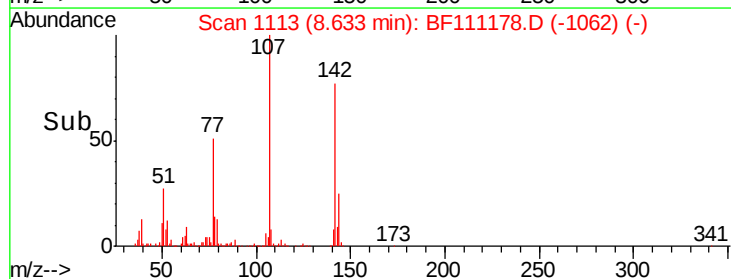
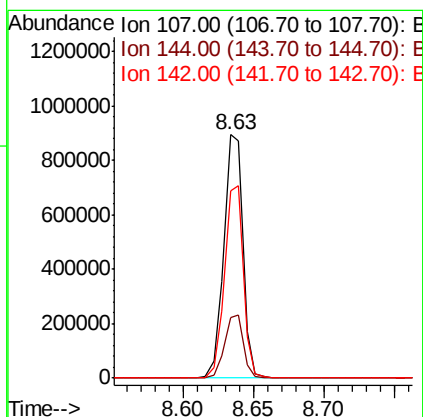
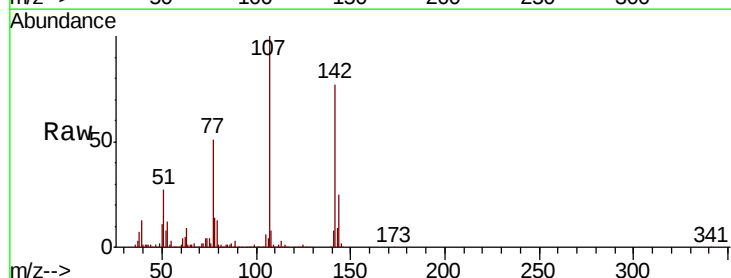
Instrument :
 BNA_F
 ClientSampled :

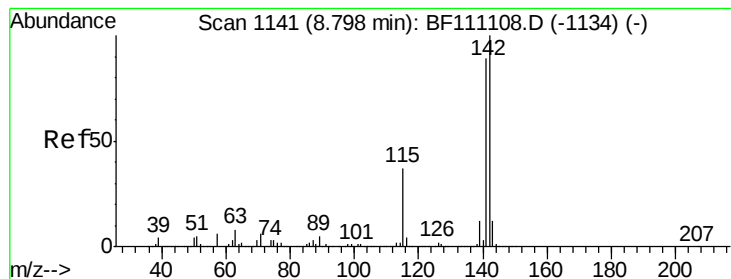
Tot Ion:113 Resp: 285555
 Ion Ratio Lower Upper
 113 100
 55 194.1 190.6 230.6
 56 144.2 130.9 170.9



#36
 4-Chloro-3-methylphenol
 Concen: 37.879 ng
 RT: 8.63 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: BF111178.D
 Acq: 7 Dec 2018 11:11

Tgt Ion:107 Resp: 844470
 Ion Ratio Lower Upper
 107 100
 144 24.8 19.9 29.9
 142 77.1 61.4 92.0





#37

2-Methylnaphthalene

Concen: 38.008 ng

RT: 8.80 min Scan# 1142

Delta R.T. 0.01 min

Lab File: BF111178.D

Acq: 7 Dec 2018 11:11

Instrument :

BNA_F

ClientSampleId :

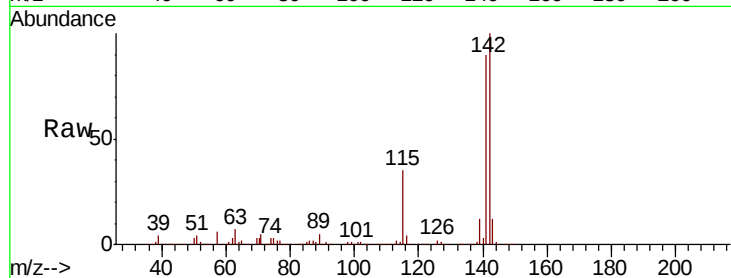
Tot Ion:142 Resp: 1632017

Ion Ratio Lower Upper

142 100

141 89.9 71.4 107.0

115 34.5 29.2 43.8

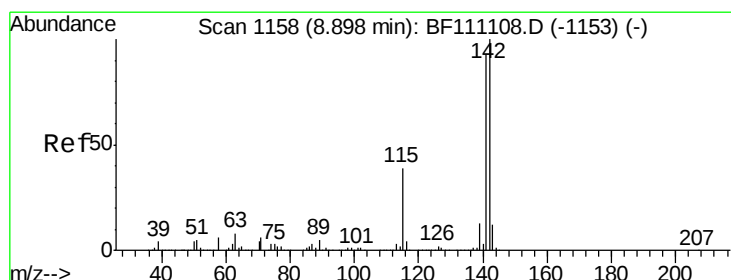
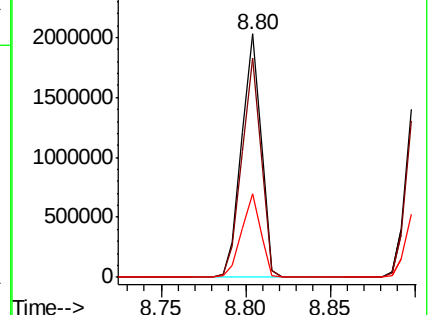
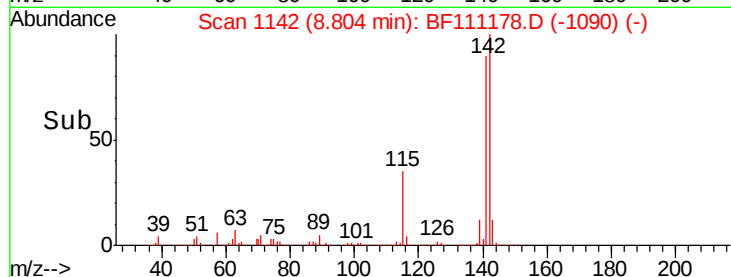


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 38.037 ng

RT: 8.90 min Scan# 1159

Delta R.T. 0.01 min

Lab File: BF111178.D

Acq: 7 Dec 2018 11:11

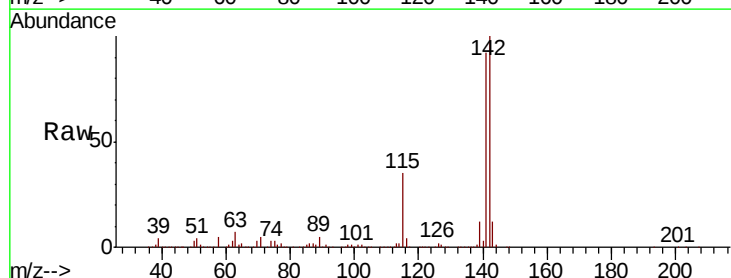
Tgt Ion:142 Resp: 1570220

Ion Ratio Lower Upper

142 100

141 91.9 74.5 111.7

116 3.7 3.2 4.8

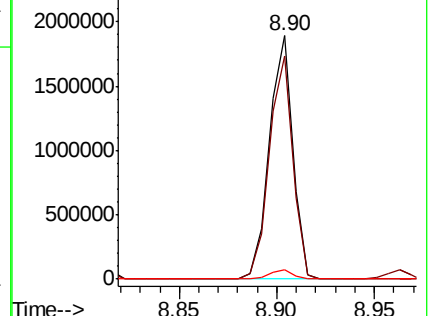
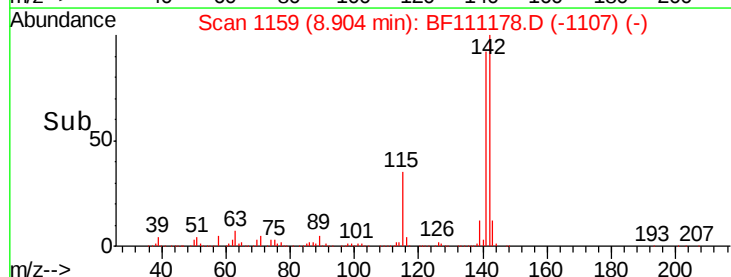


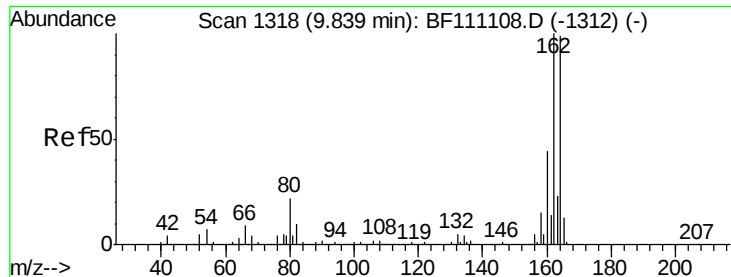
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

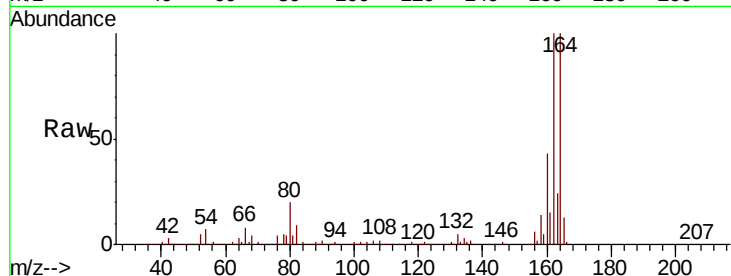




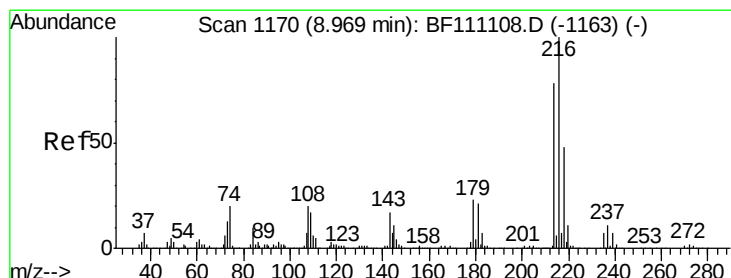
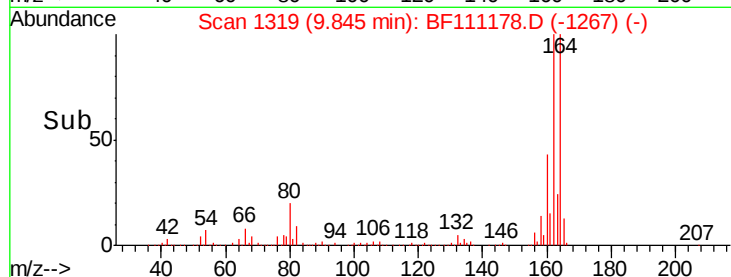
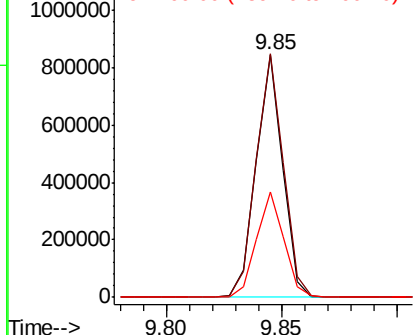
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF111178.D
Acq: 7 Dec 2018 11:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 678311
Ion Ratio Lower Upper
164 100
162 100.4 80.6 120.8
160 43.5 35.5 53.3

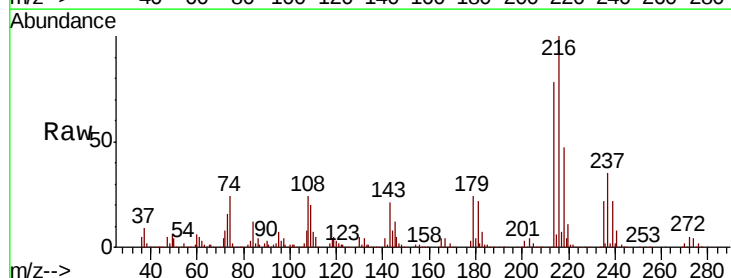


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

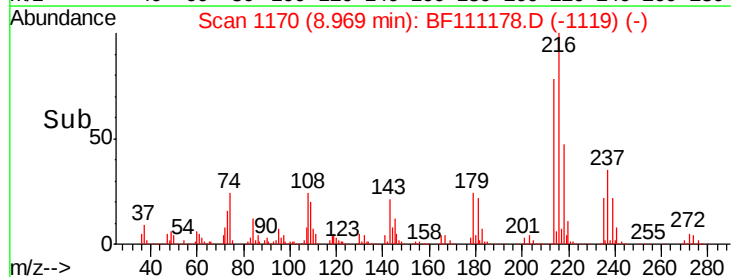
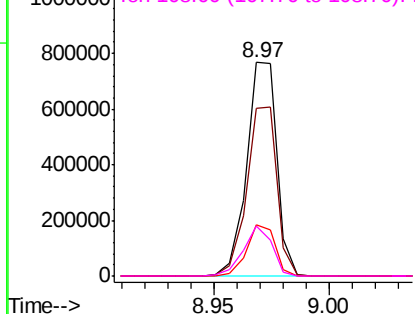


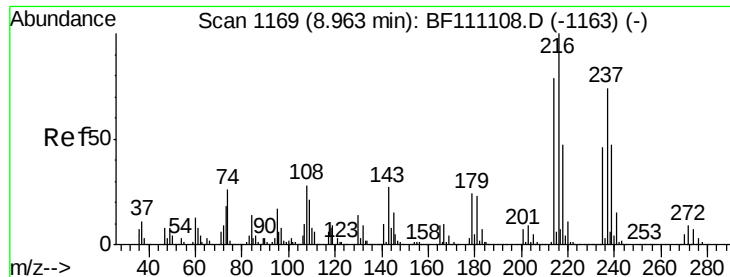
#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.823 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF111178.D
Acq: 7 Dec 2018 11:11

Tgt Ion:216 Resp: 701863
Ion Ratio Lower Upper
216 100
214 78.9 63.4 95.0
179 22.5 18.5 27.7
108 22.4 19.1 28.7



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





#41

Hexachlorocyclopentadiene

Concen: 39.445 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BF111178.D

Acq: 7 Dec 2018 11:11

Instrument :

BNA_F

ClientSampleId :

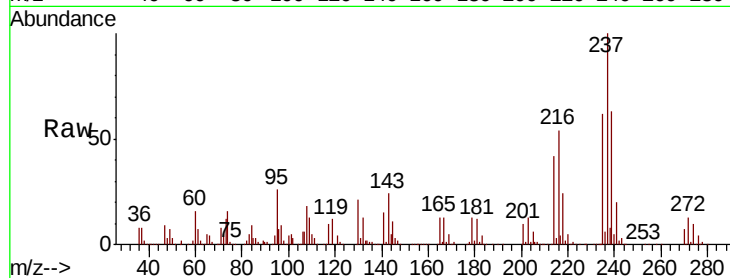
Tot Ion:237 Resp: 376009

Ion Ratio Lower Upper

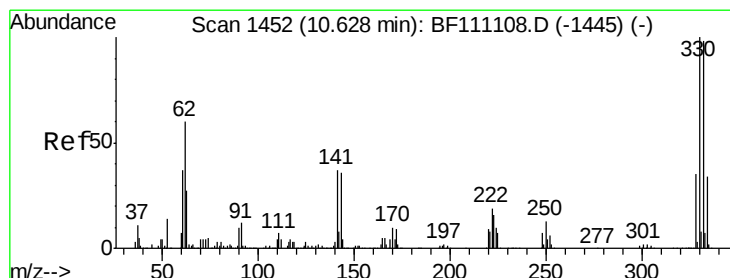
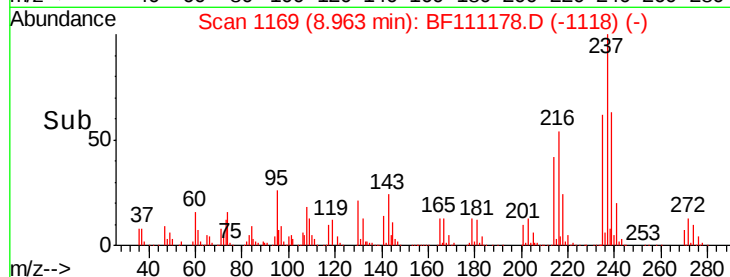
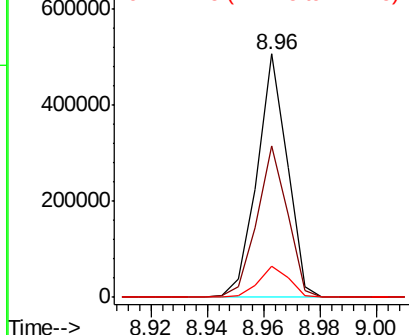
237 100

235 62.4 41.9 81.9

272 12.6 0.0 32.7



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



#42

2,4,6-Tribromophenol

Concen: 84.982 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.01 min

Lab File: BF111178.D

Acq: 7 Dec 2018 11:11

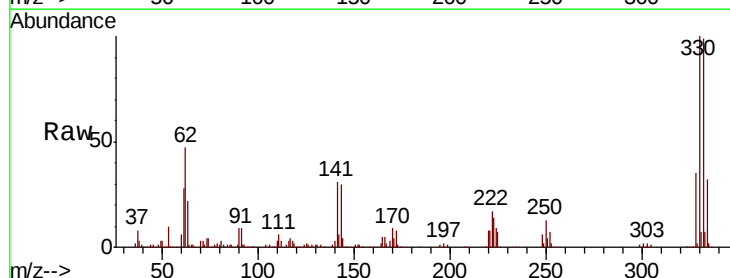
Tgt Ion:330 Resp: 458204

Ion Ratio Lower Upper

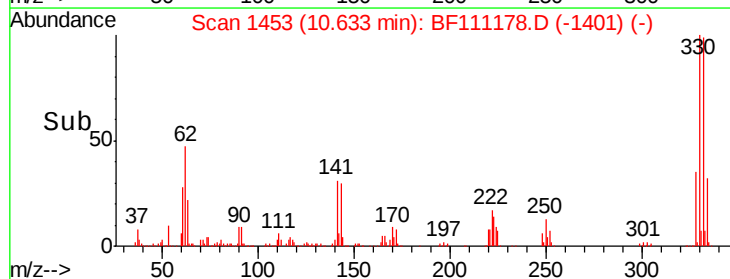
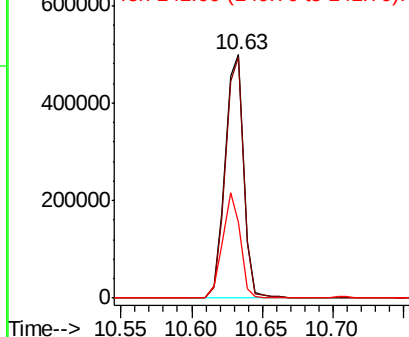
330 100

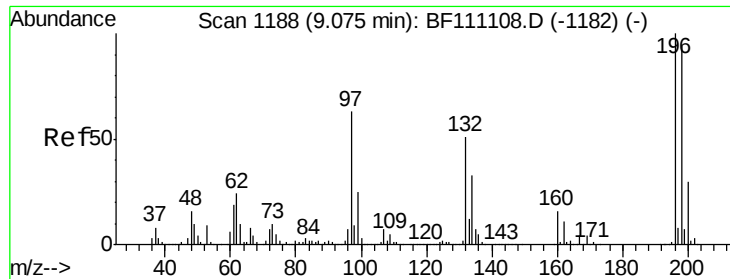
332 97.5 77.2 115.8

141 41.1 36.1 54.1



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

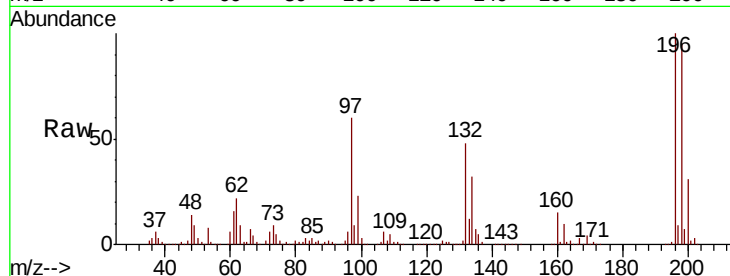




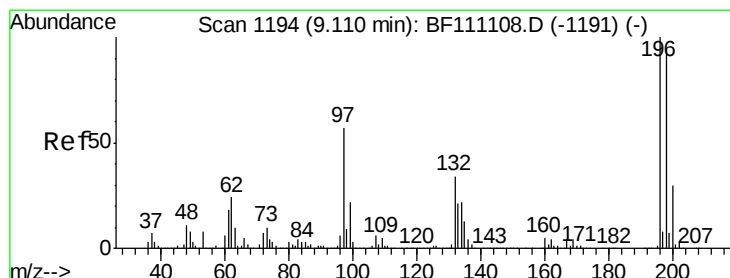
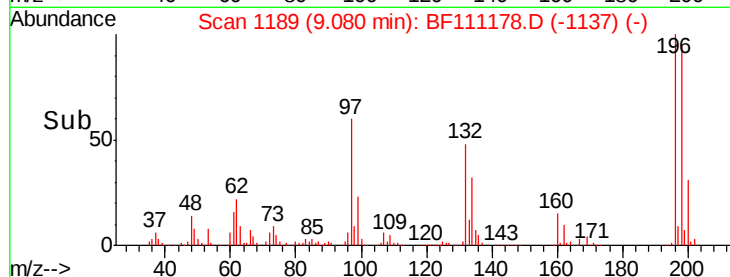
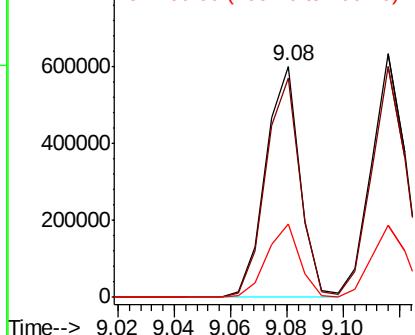
#43
 2,4,6-Trichlorophenol
 Concen: 38.475 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF111178.D
 Acq: 7 Dec 2018 11:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.8	75.4	113.0
200	31.5	24.2	36.4



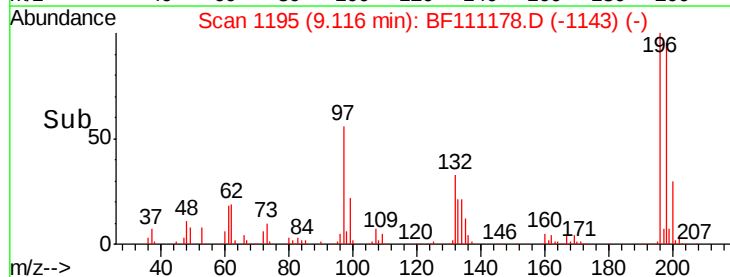
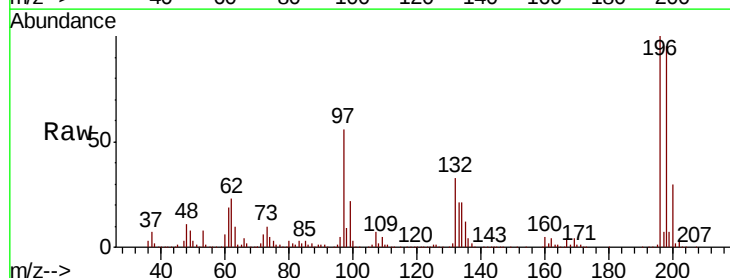
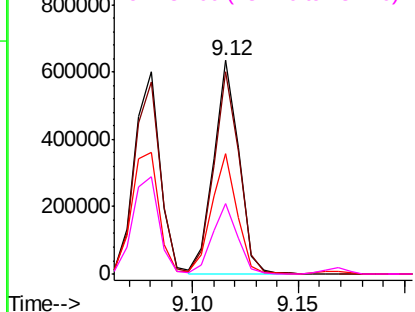
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

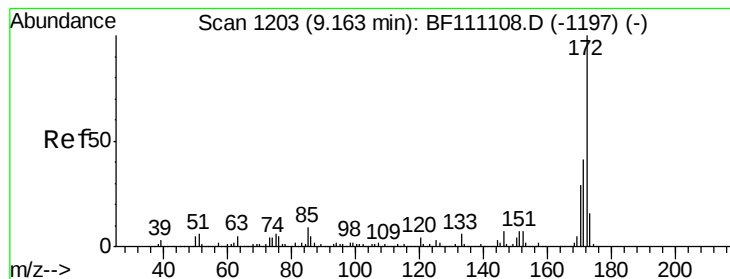


#44
 2,4,5-Trichlorophenol
 Concen: 39.525 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: BF111178.D
 Acq: 7 Dec 2018 11:11

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.6	75.0	112.4
97	56.5	46.2	69.4
132	33.2	27.2	40.8

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: 86.143 ng

RT: 9.17 min Scan# 1204

Delta R.T. 0.01 min

Lab File: BF111178.D

Acq: 7 Dec 2018 11:11

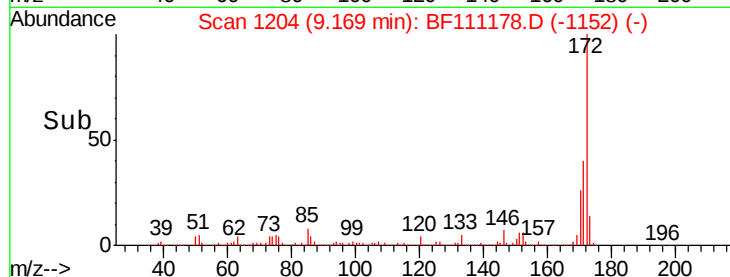
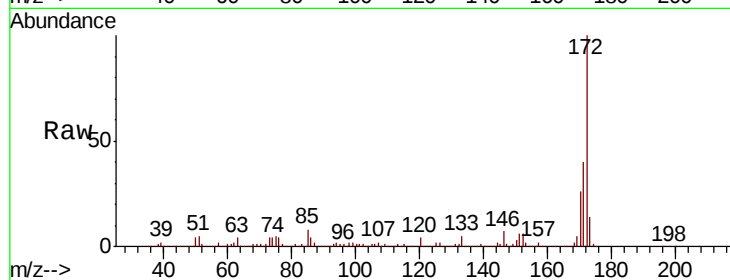
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 3149561

Ion	Ratio	Lower	Upper
172	100		
171	39.6	33.2	49.8
170	26.4	22.9	34.3

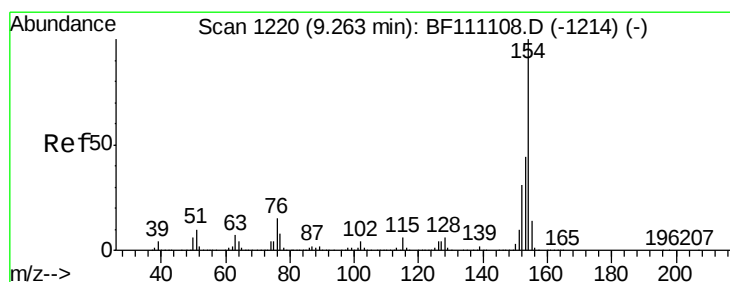
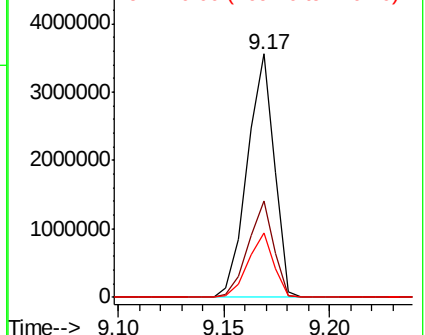


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 38.509 ng

RT: 9.27 min Scan# 1221

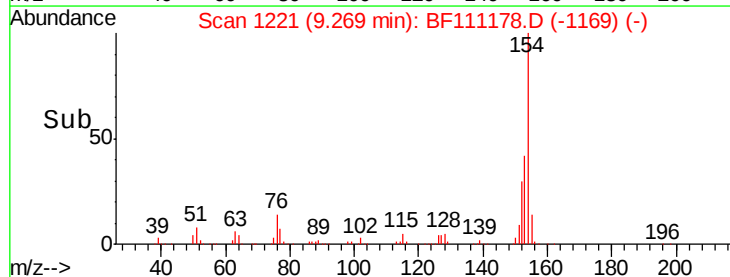
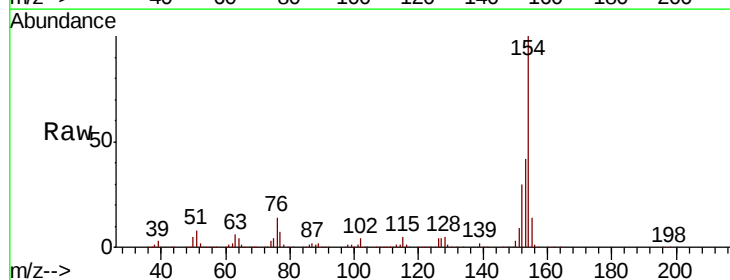
Delta R.T. 0.01 min

Lab File: BF111178.D

Acq: 7 Dec 2018 11:11

Tgt Ion:154 Resp: 2138332

Ion	Ratio	Lower	Upper
154	100		
153	41.9	23.7	63.7
76	13.7	0.0	35.0

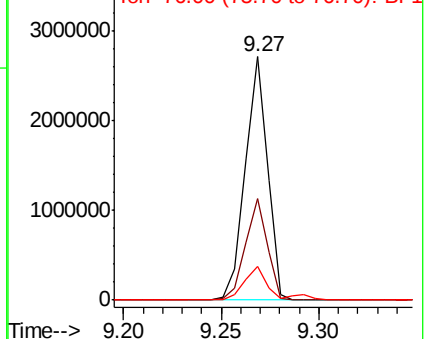


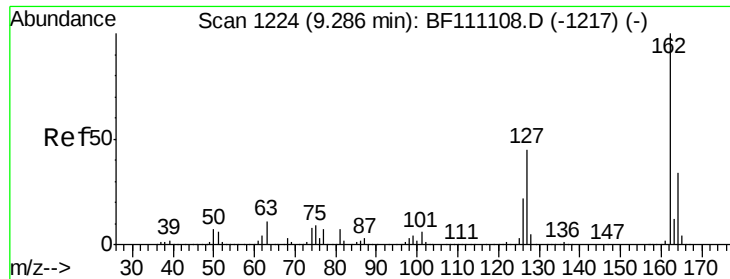
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

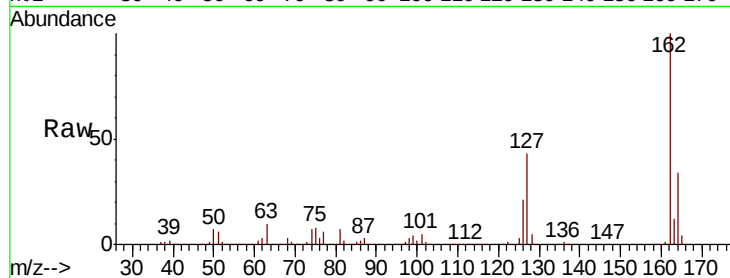




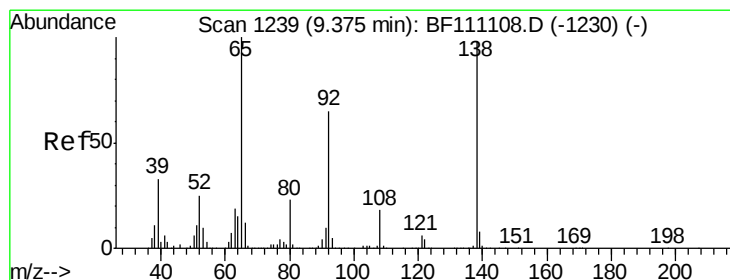
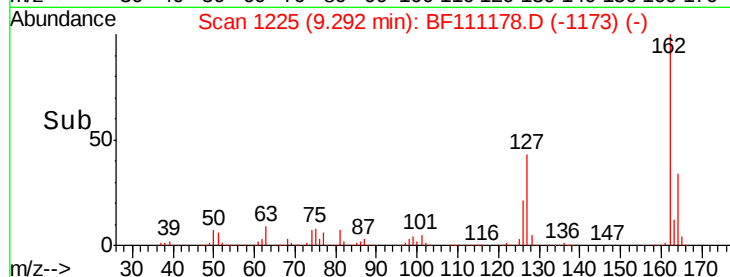
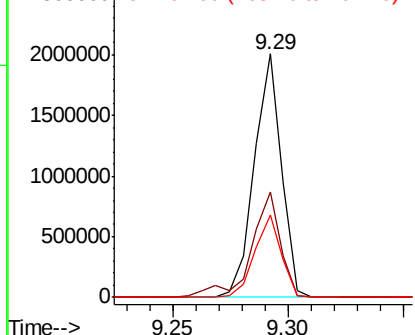
#47
 2-Chloronaphthalene
 Concen: 38.190 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: BF111178.D
 Acq: 7 Dec 2018 11:11

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 1647872
 Ion Ratio Lower Upper
 162 100
 127 43.2 36.4 54.6
 164 33.9 27.3 40.9

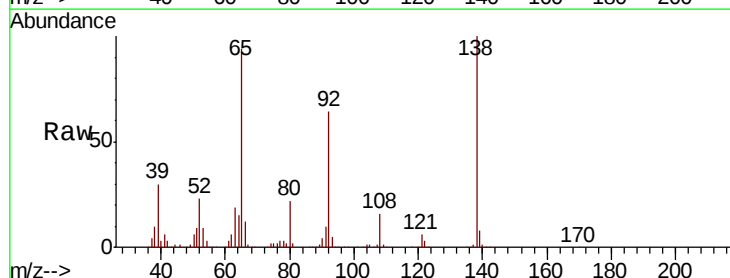


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

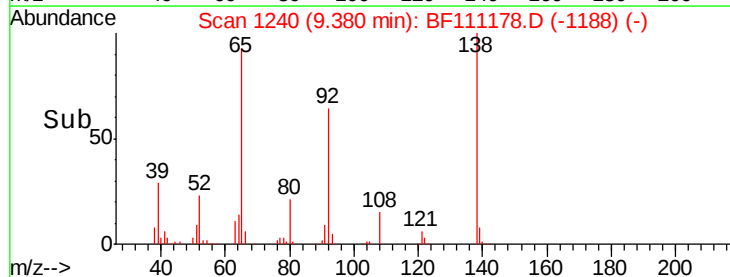
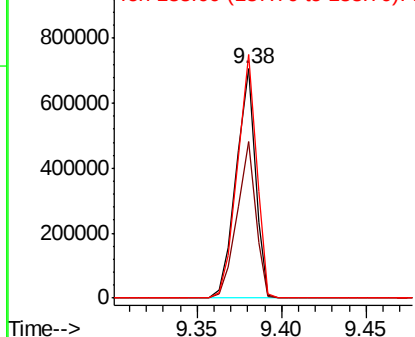


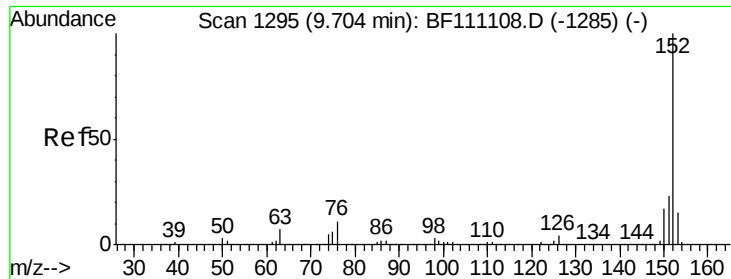
#48
 2-Nitroaniline
 Concen: 40.162 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. 0.01 min
 Lab File: BF111178.D
 Acq: 7 Dec 2018 11:11

Tgt Ion: 65 Resp: 561602
 Ion Ratio Lower Upper
 65 100
 92 68.4 52.1 78.1
 138 106.1 78.2 117.4



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.122 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.00 min

Lab File: BF111178.D

Acq: 7 Dec 2018 11:11

Instrument :

BNA_F

ClientSampleId :

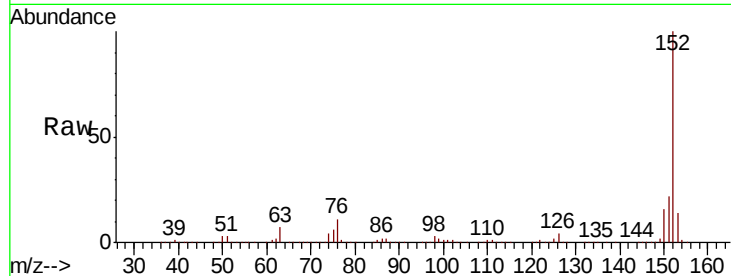
Tot Ion:152 Resp: 2419892

Ion Ratio Lower Upper

152 100

151 21.7 18.3 27.5

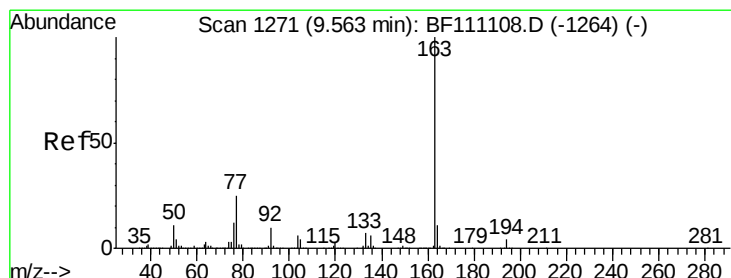
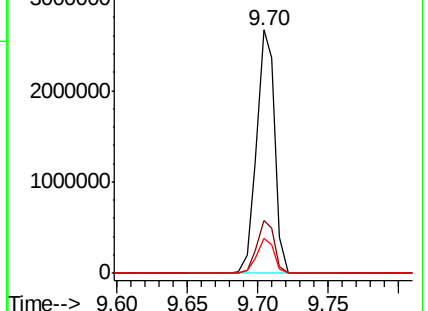
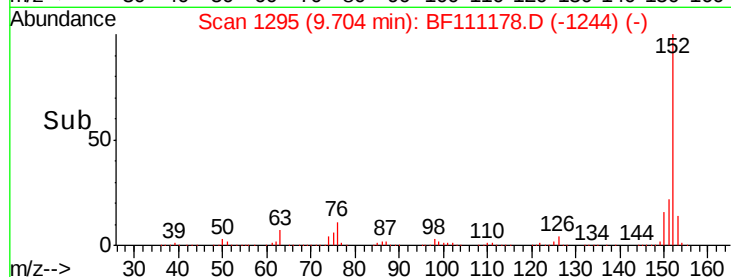
153 14.4 11.8 17.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.895 ng

RT: 9.57 min Scan# 1272

Delta R.T. 0.01 min

Lab File: BF111178.D

Acq: 7 Dec 2018 11:11

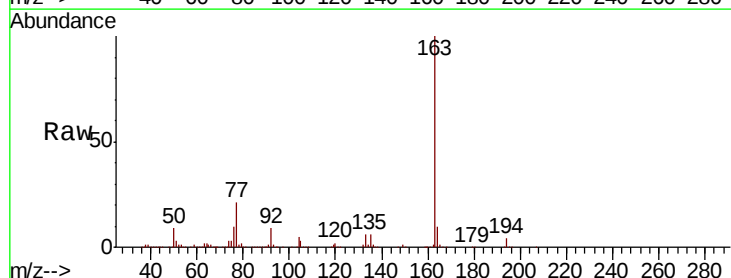
Tgt Ion:163 Resp: 1836170

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

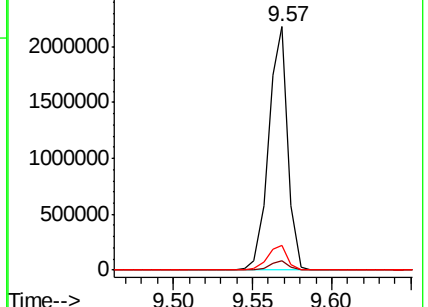
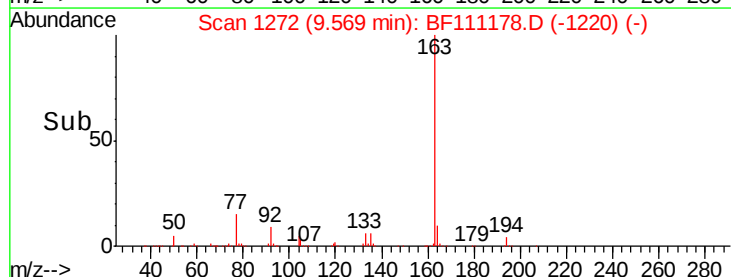
164 10.1 8.9 13.3

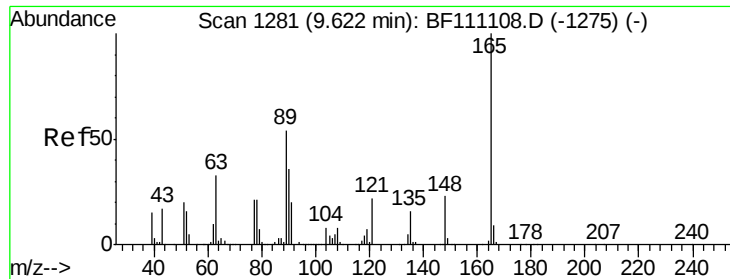


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.222 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.00 min

Lab File: BF111178.D

Acq: 7 Dec 2018 11:11

Instrument :

BNA_F

ClientSampleId :

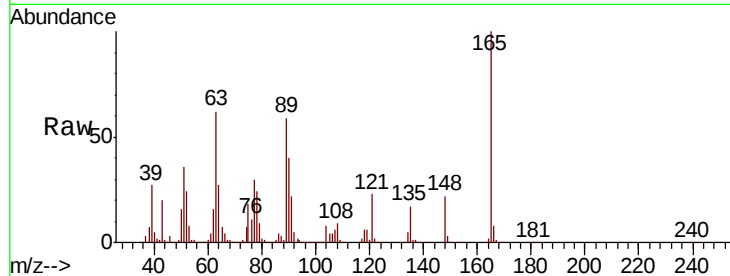
Tot Ion:165 Resp: 422590

Ion Ratio Lower Upper

165 100

63 62.4 44.7 67.1

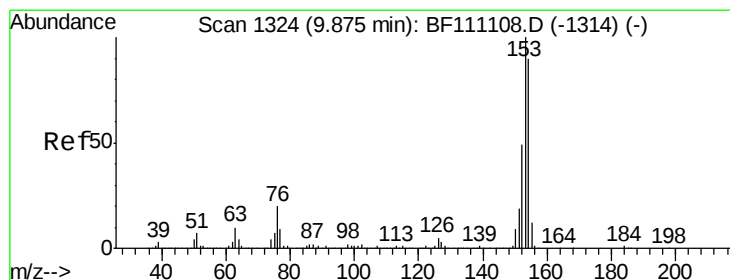
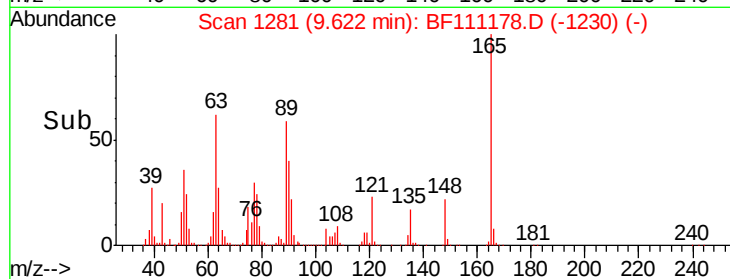
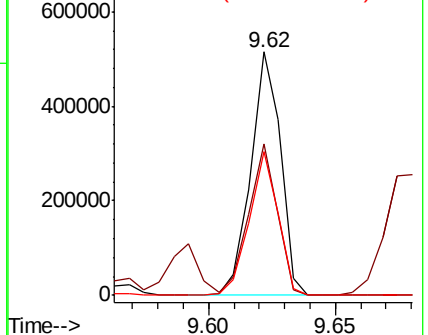
89 59.0 43.0 64.4



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 38.646 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.01 min

Lab File: BF111178.D

Acq: 7 Dec 2018 11:11

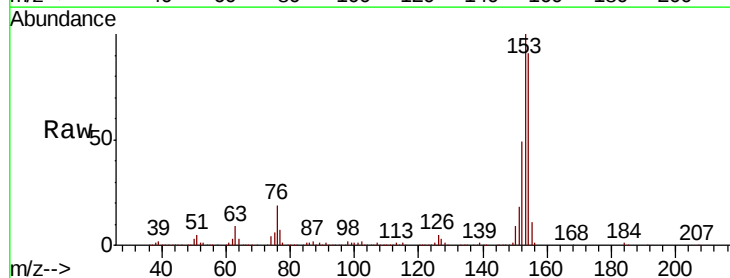
Tgt Ion:154 Resp: 1539862

Ion Ratio Lower Upper

154 100

153 109.4 88.7 133.1

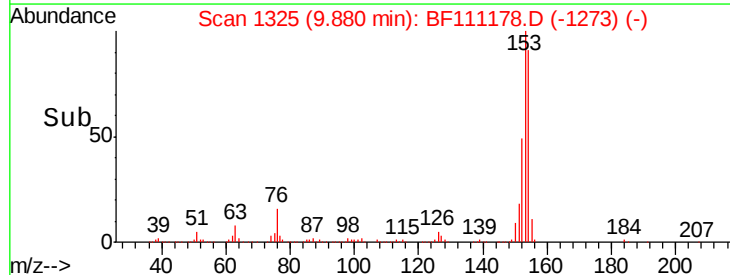
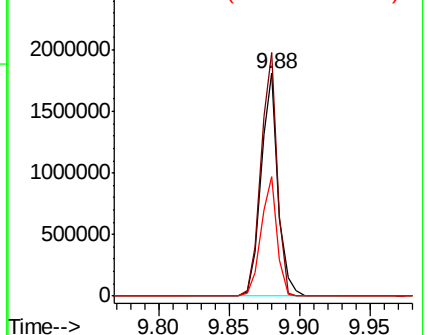
152 53.7 43.8 65.8

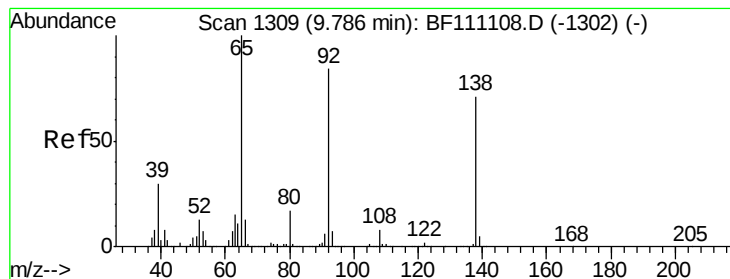


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 41.053 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.01 min

Lab File: BF111178.D

Acq: 7 Dec 2018 11:11

Instrument :

BNA_F

ClientSampleId :

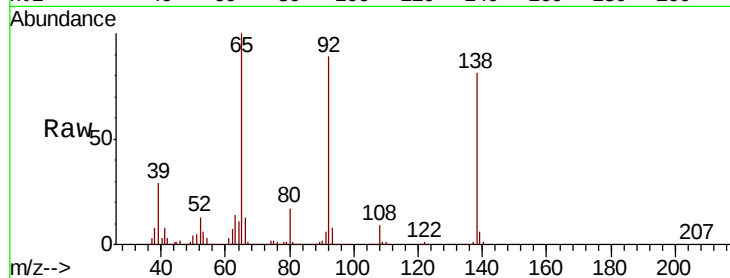
Tot Ion:138 Resp: 516126

Ion Ratio Lower Upper

138 100

108 10.9 9.4 14.0

92 109.9 94.1 141.1

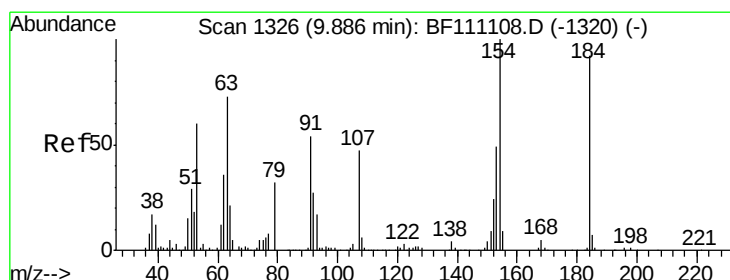
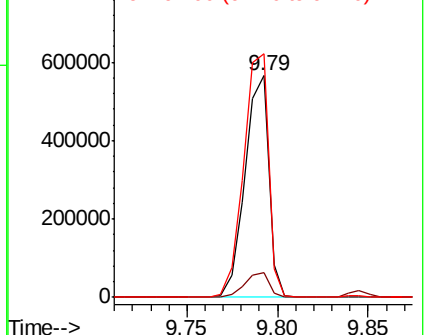
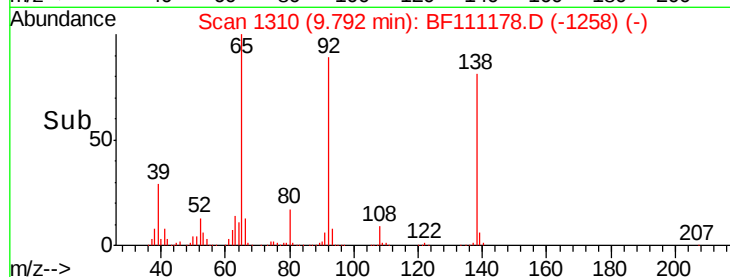


Abundance

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: 48.612 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.01 min

Lab File: BF111178.D

Acq: 7 Dec 2018 11:11

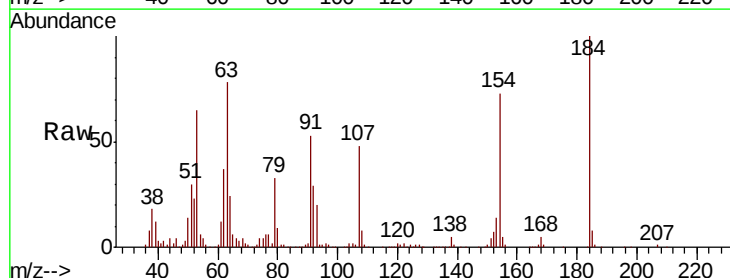
Tgt Ion:184 Resp: 145206

Ion Ratio Lower Upper

184 100

63 78.2 64.2 96.4

154 73.4 89.5 134.3#

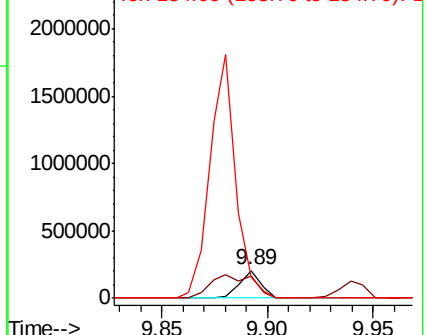
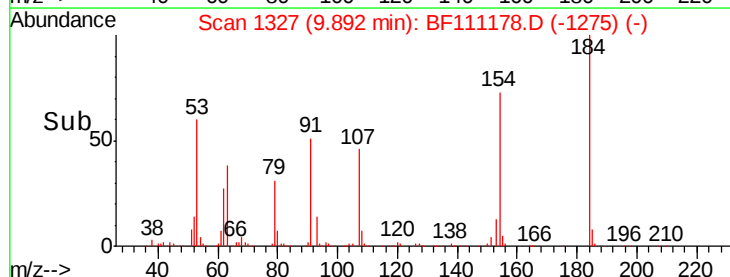


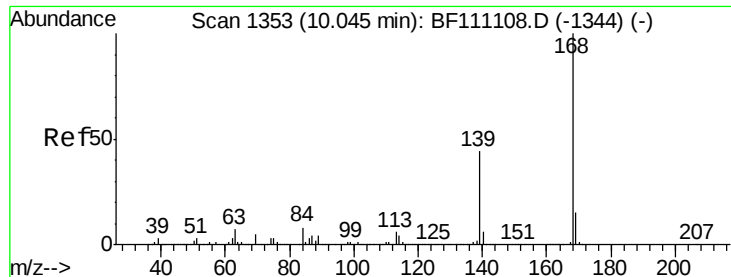
Abundance

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

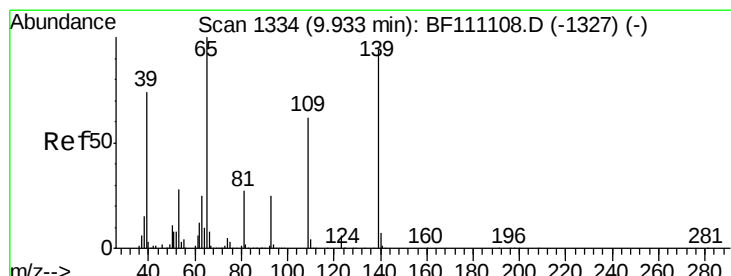
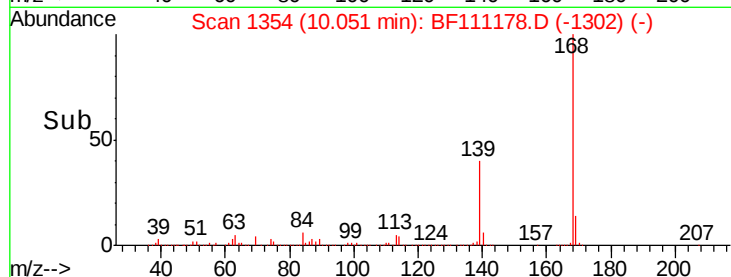
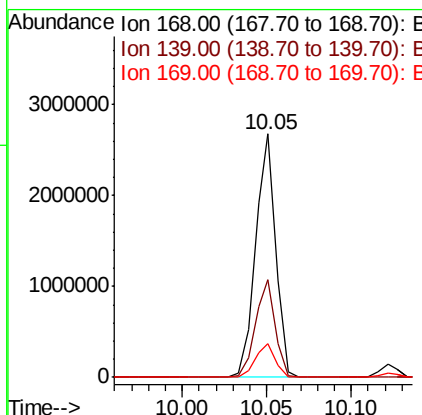
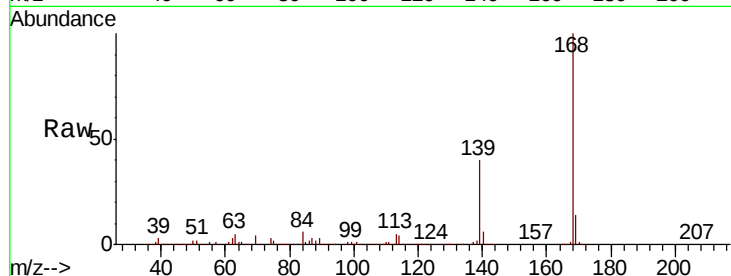




#55
Dibenzofuran
Concen: 40.443 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF111178.D
Acq: 7 Dec 2018 11:11

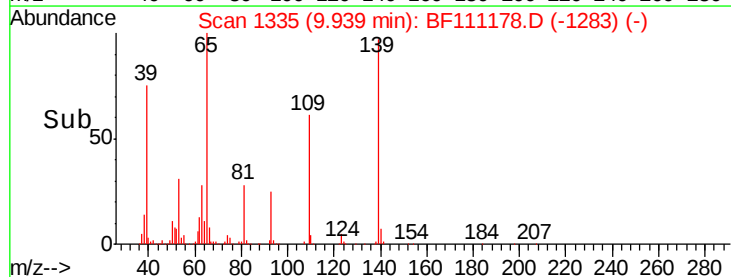
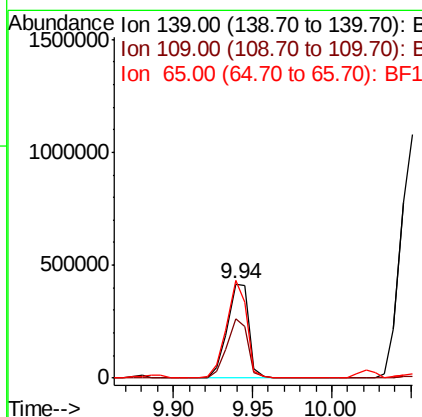
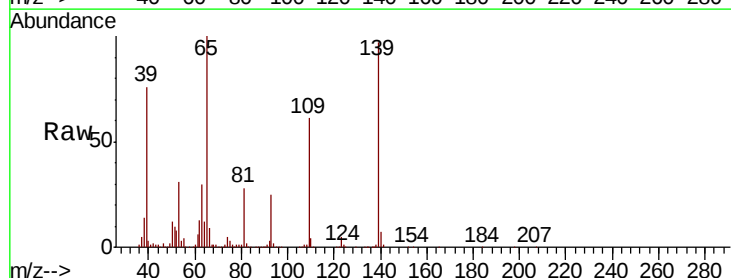
Instrument :
BNA_F
ClientSampleId :

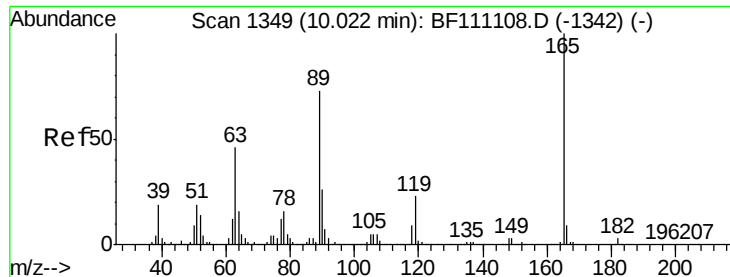
Tot Ion:168 Resp: 2219587
Ion Ratio Lower Upper
168 100
139 40.3 35.1 52.7
169 14.0 12.2 18.4



#56
4-Nitrophenol
Concen: 42.063 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF111178.D
Acq: 7 Dec 2018 11:11

Tgt Ion:139 Resp: 398503
Ion Ratio Lower Upper
139 100
109 63.2 46.1 86.1
65 103.1 87.0 127.0

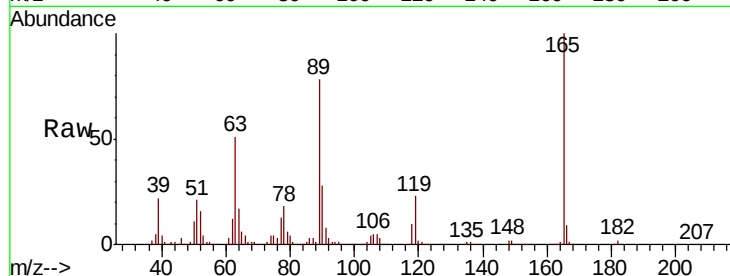




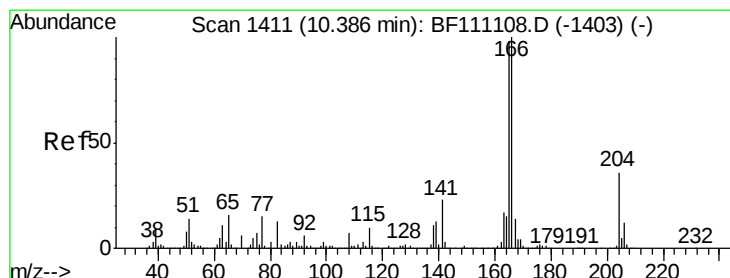
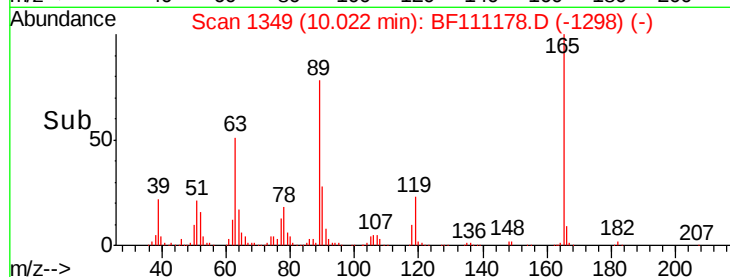
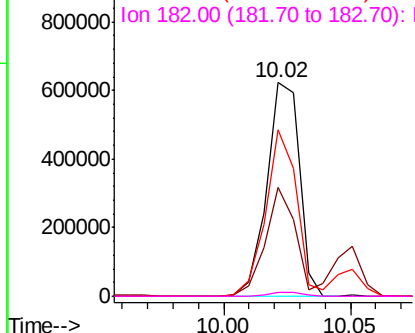
#57
2,4-Dinitrotoluene
Concen: 42.931 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BF111178.D
Acq: 7 Dec 2018 11:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 554943
Ion Ratio Lower Upper
165 100
63 50.8 36.7 55.1
89 77.8 58.4 87.6
182 2.0 2.1 3.1#

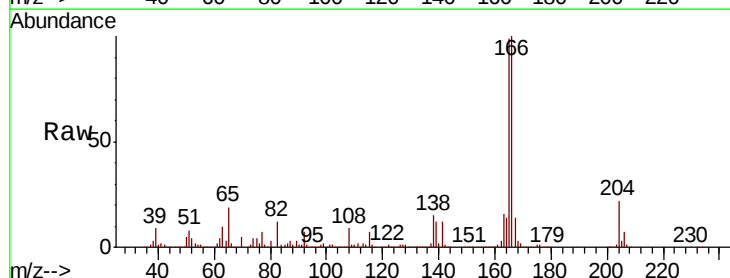


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

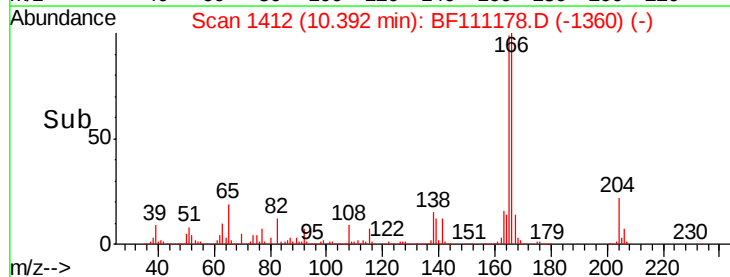
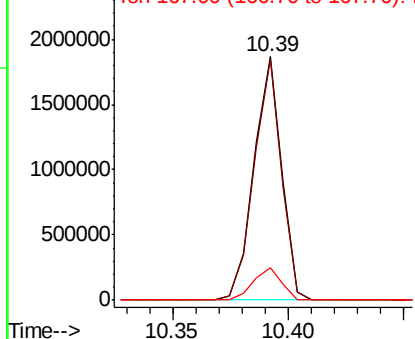


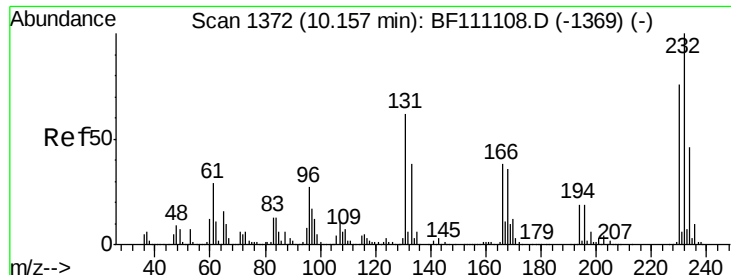
#58
Fluorene
Concen: 40.390 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF111178.D
Acq: 7 Dec 2018 11:11

Tgt Ion:166 Resp: 1563162
Ion Ratio Lower Upper
166 100
165 99.2 78.4 117.6
167 13.6 11.4 17.2



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

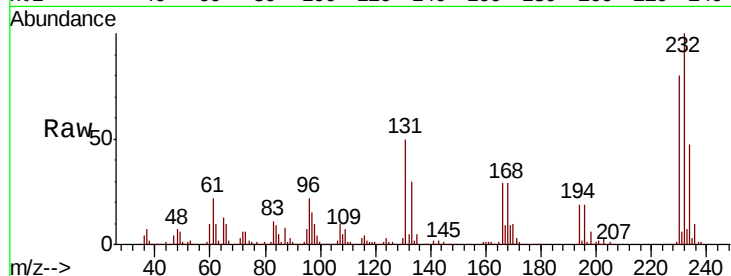




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.904 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.04 min
Lab File: BF111178.D
Acq: 7 Dec 2018 11:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.6	40.4	60.6
130	2.5	2.1	3.1
166	27.4	23.0	34.6



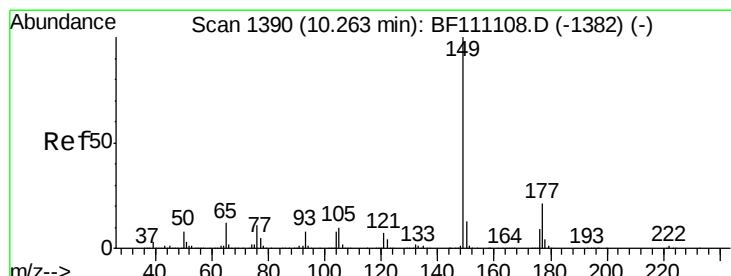
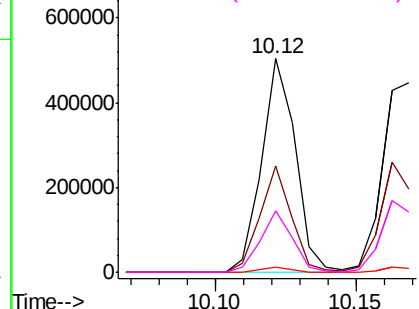
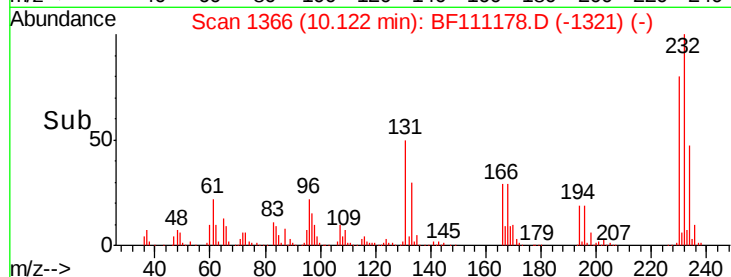
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

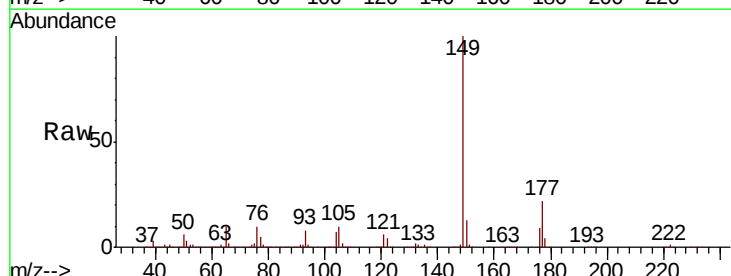
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 38.845 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.01 min
Lab File: BF111178.D
Acq: 7 Dec 2018 11:11

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.0	25.6
150	13.1	10.5	15.7

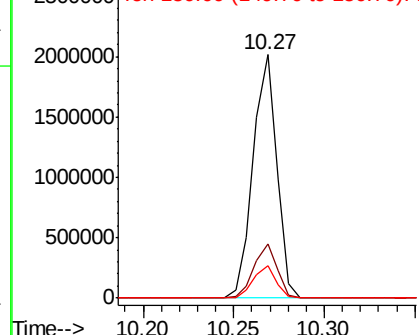
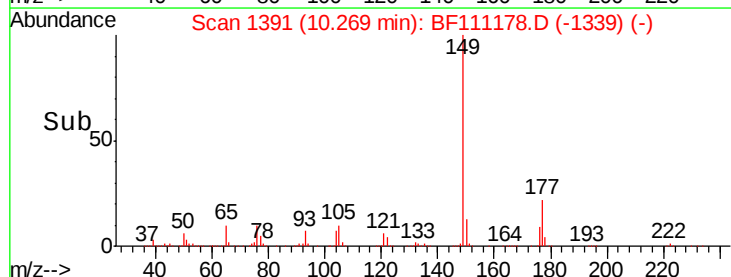


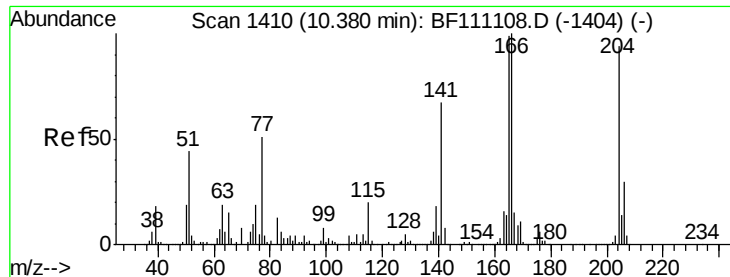
Abundance

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

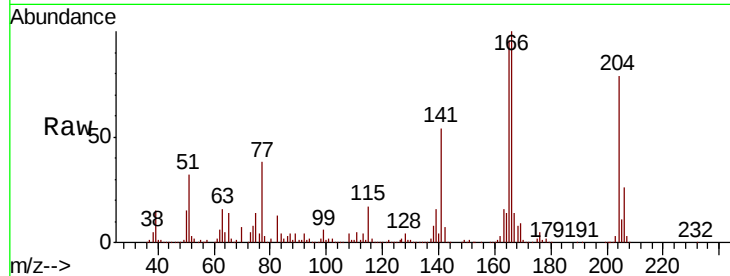




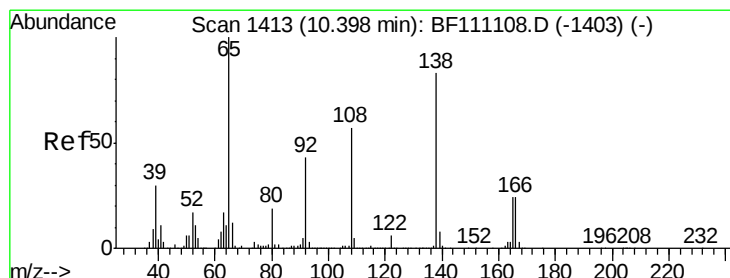
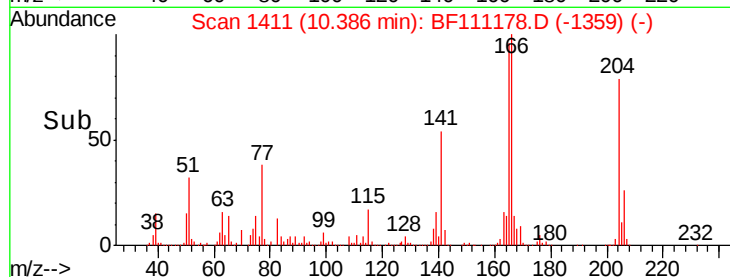
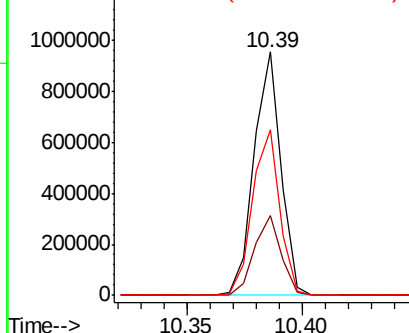
#61
4-Chlorophenyl-phenylether
Concen: 40.762 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.01 min
Lab File: BF111178.D
Acq: 7 Dec 2018 11:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 777438
Ion Ratio Lower Upper
204 100
206 32.6 25.9 38.9
141 67.9 57.4 86.0

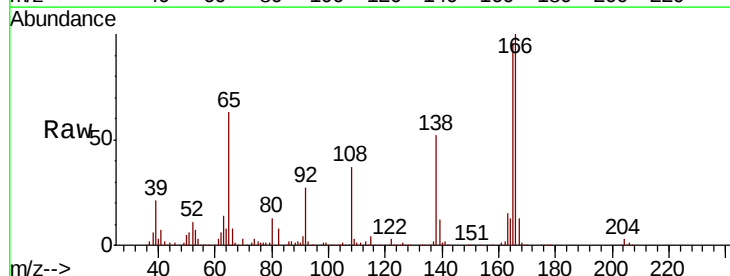


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

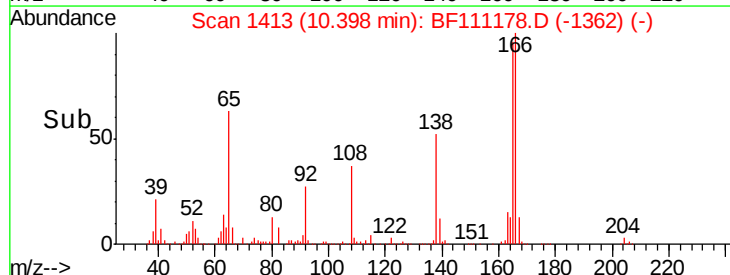
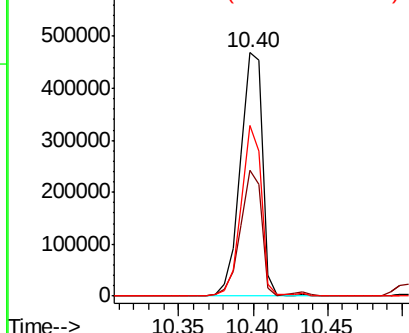


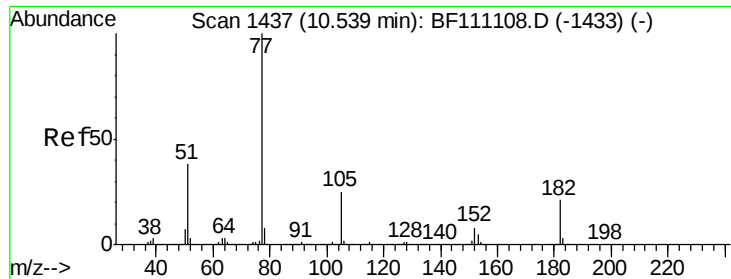
#62
4-Nitroaniline
Concen: 42.563 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF111178.D
Acq: 7 Dec 2018 11:11

Tgt Ion:138 Resp: 482956
Ion Ratio Lower Upper
138 100
92 51.6 31.6 71.6
108 69.9 48.3 88.3



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





#63

Azobenzene

Concen: 37.696 ng

RT: 10.55 min Scan# 1438

Delta R.T. 0.01 min

Lab File: BF111178.D

Acq: 7 Dec 2018 11:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1893365

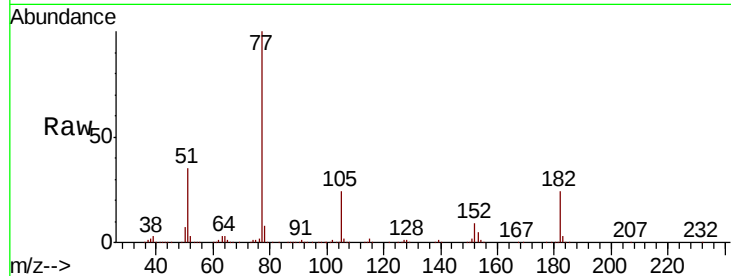
Ion Ratio Lower Upper

77 100

182 24.1 1.4 41.4

105 24.0 4.7 44.7

51 35.0 18.0 58.0

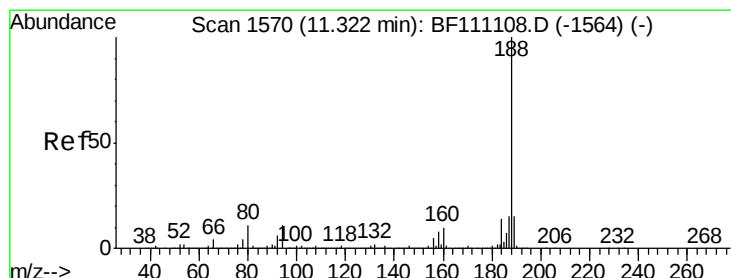
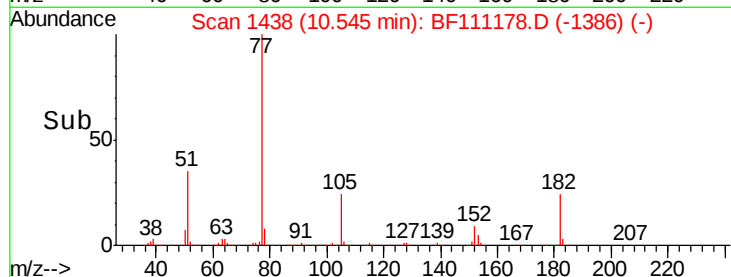
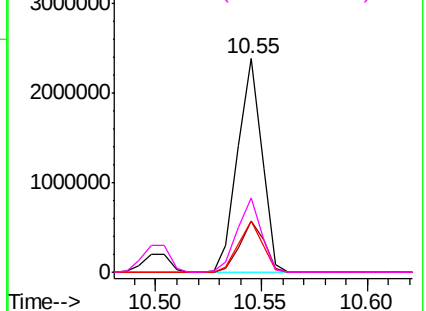


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. 0.01 min

Lab File: BF111178.D

Acq: 7 Dec 2018 11:11

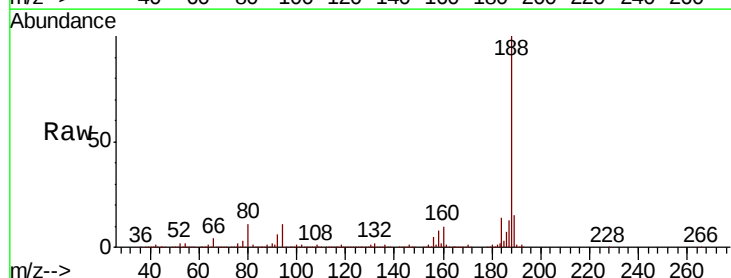
Tgt Ion: 188 Resp: 1197993

Ion Ratio Lower Upper

188 100

94 10.5 8.5 12.7

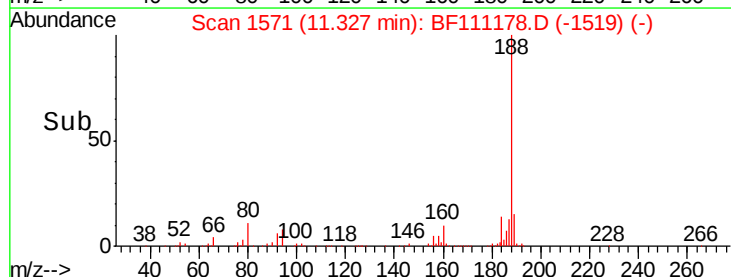
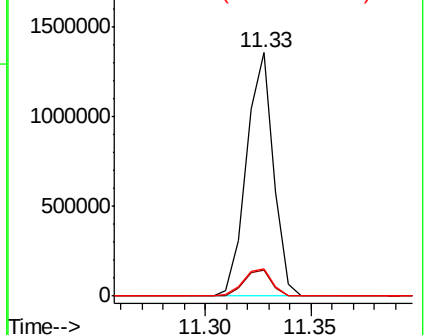
80 11.4 9.0 13.6

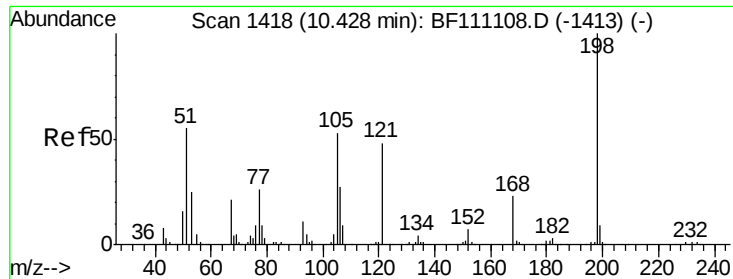


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

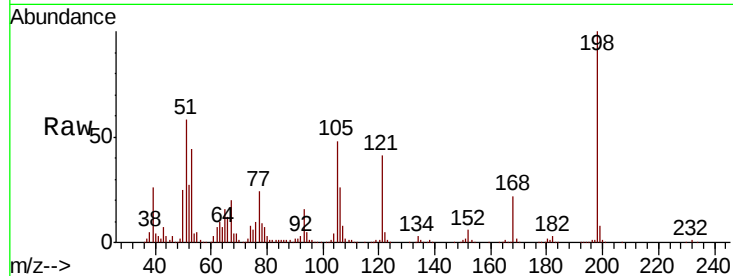




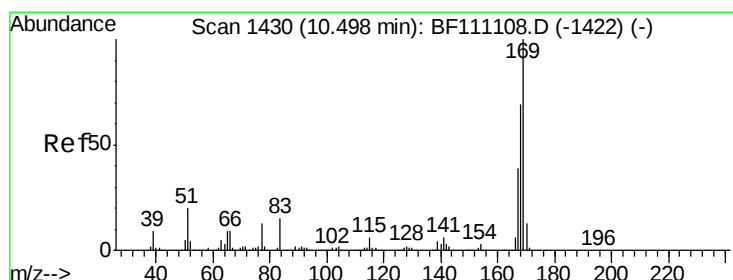
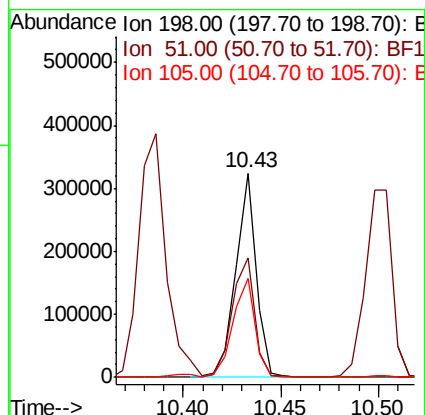
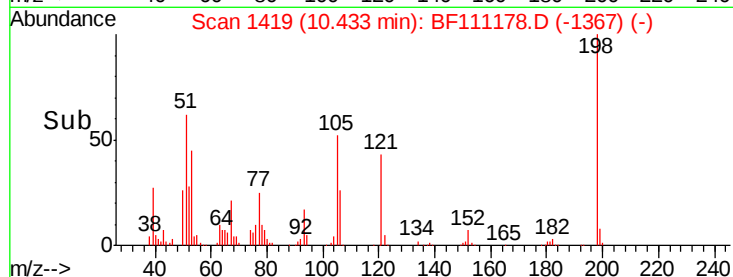
#65
4,6-Dinitro-2-methylphenol
Concen: 47.808 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF111178.D
Acq: 7 Dec 2018 11:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 236616
Ion Ratio Lower Upper
198 100
51 58.4 48.8 88.8
105 48.5 35.2 75.2

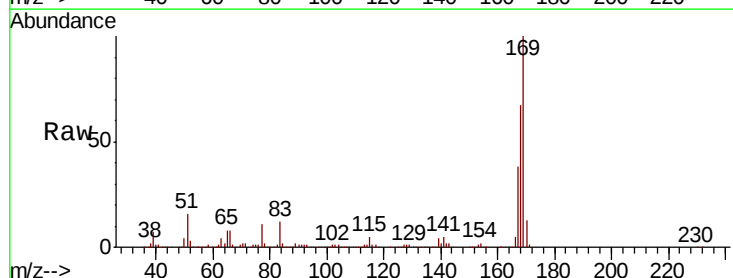


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

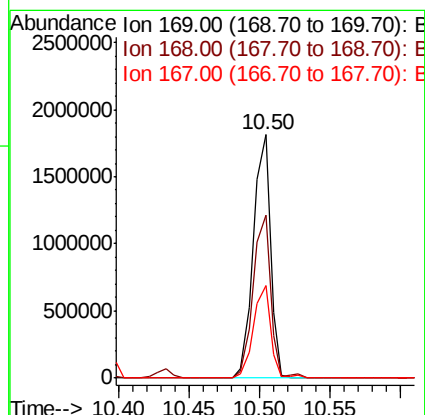
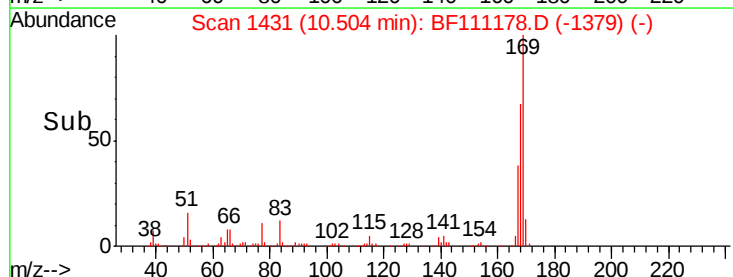


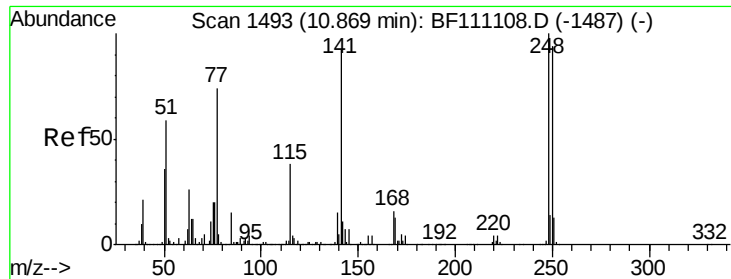
#66
n-Nitrosodiphenylamine
Concen: 37.220 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BF111178.D
Acq: 7 Dec 2018 11:11

Tgt Ion:169 Resp: 1561313
Ion Ratio Lower Upper
169 100
168 67.0 55.4 83.2
167 38.1 31.1 46.7



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

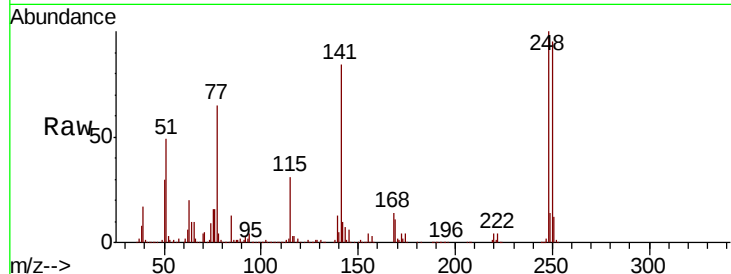




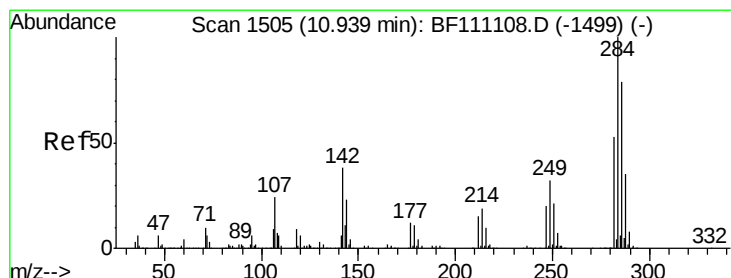
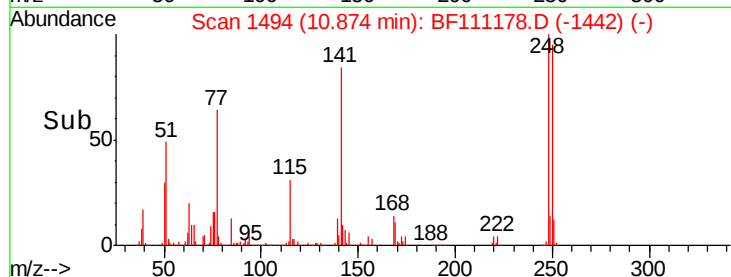
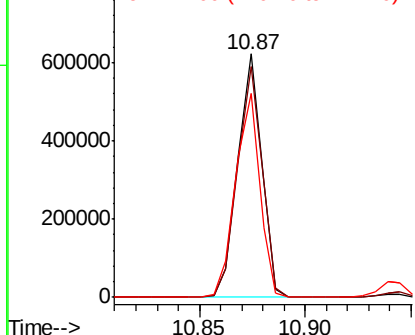
#67
4-Bromophenyl-phenylether
Concen: 38.467 ng
RT: 10.87 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BF111178.D
Acq: 7 Dec 2018 11:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 487814
Ion Ratio Lower Upper
248 100
250 95.0 75.4 113.0
141 83.7 73.8 110.6

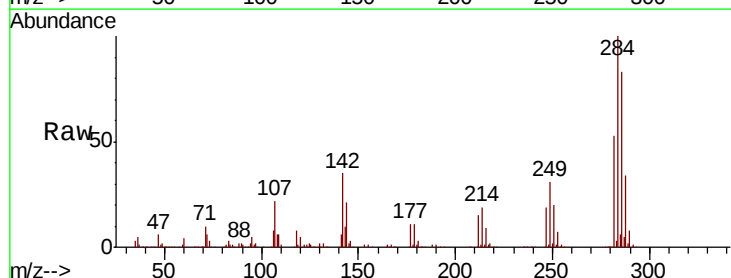


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

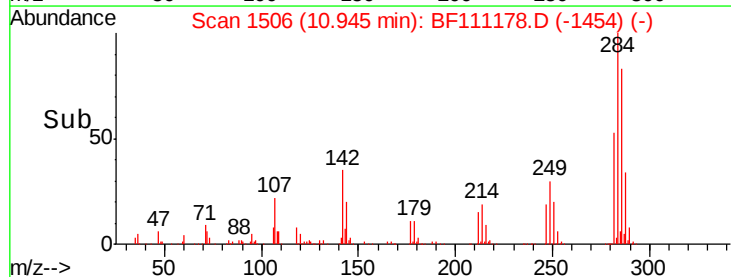
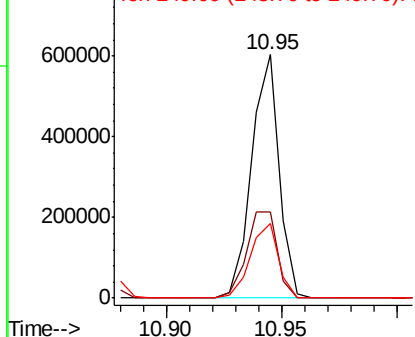


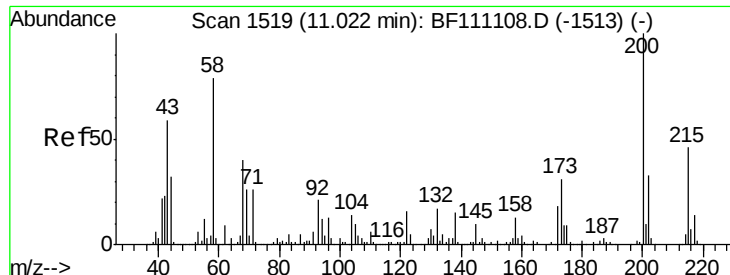
#68
Hexachlorobenzene
Concen: 38.731 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.01 min
Lab File: BF111178.D
Acq: 7 Dec 2018 11:11

Tgt Ion:284 Resp: 502229
Ion Ratio Lower Upper
284 100
142 35.3 30.2 45.2
249 30.7 25.3 37.9



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





#69

Atrazine

Concen: 36.029 ng

RT: 11.03 min Scan# 1520

Delta R.T. 0.01 min

Lab File: BF111178.D

Acq: 7 Dec 2018 11:11

Instrument :

BNA_F

ClientSampleId :

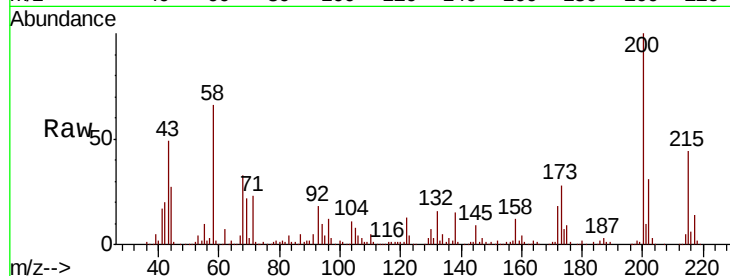
Tot Ion:200 Resp: 399987

Ion Ratio Lower Upper

200 100

173 28.0 11.3 51.3

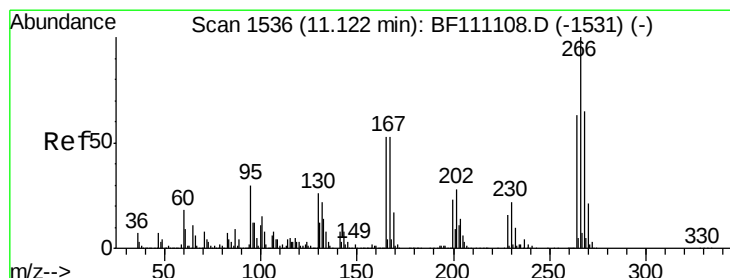
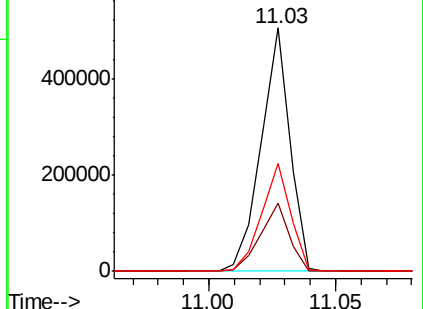
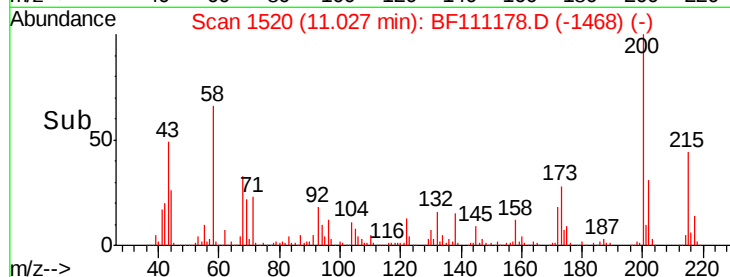
215 44.5 25.9 65.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 40.832 ng

RT: 11.13 min Scan# 1538

Delta R.T. 0.01 min

Lab File: BF111178.D

Acq: 7 Dec 2018 11:11

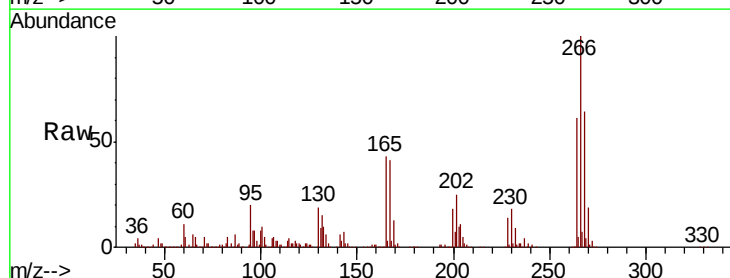
Tgt Ion:266 Resp: 348185

Ion Ratio Lower Upper

266 100

268 63.8 52.2 78.4

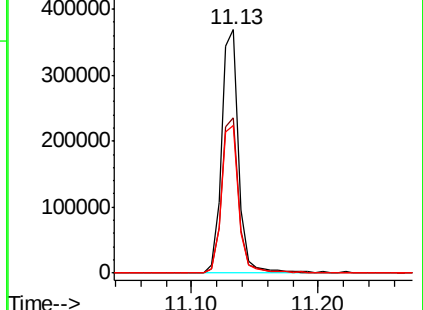
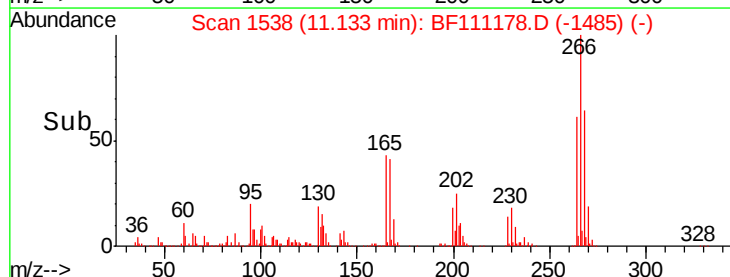
264 60.8 50.8 76.2

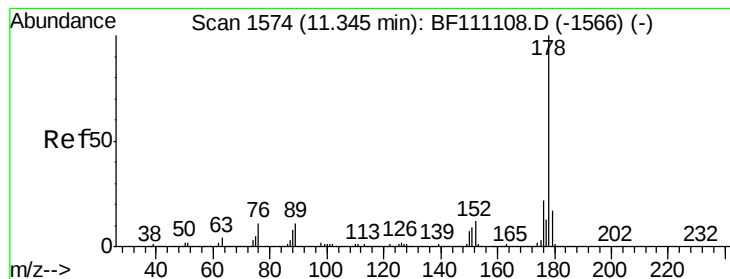


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.365 ng

RT: 11.35 min Scan# 1575

Delta R.T. 0.01 min

Lab File: BF111178.D

Acq: 7 Dec 2018 11:11

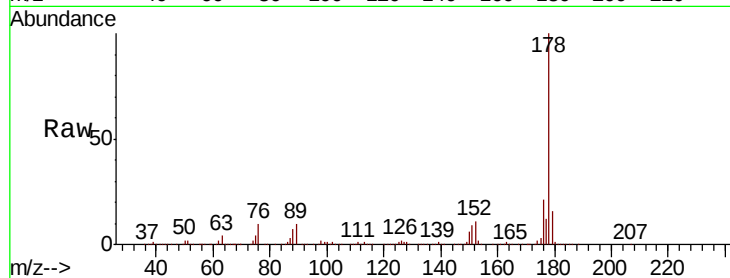
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 2326050

Ion	Ratio	Lower	Upper
178	100		
176	20.9	17.7	26.5
179	16.2	14.0	21.0

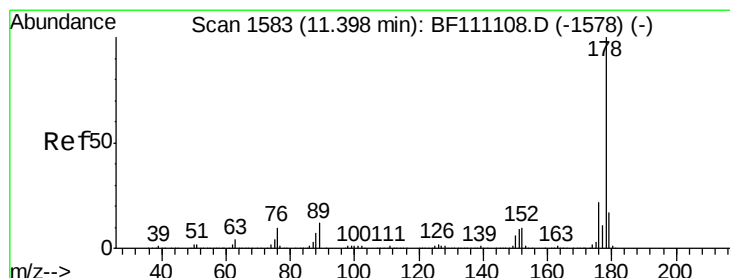
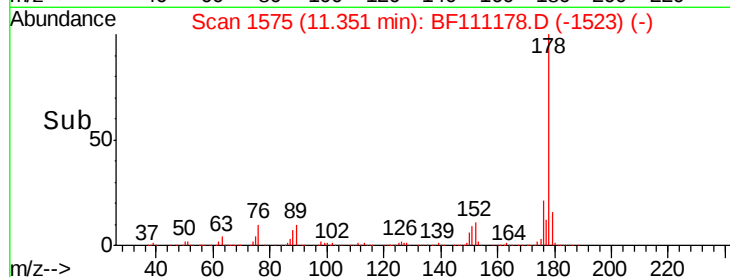
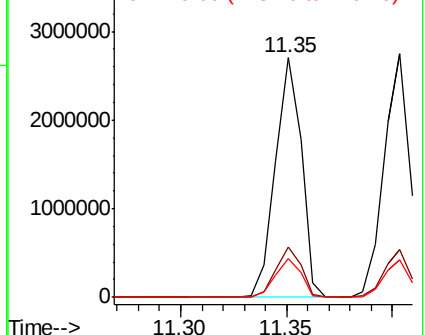


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.101 ng

RT: 11.40 min Scan# 1584

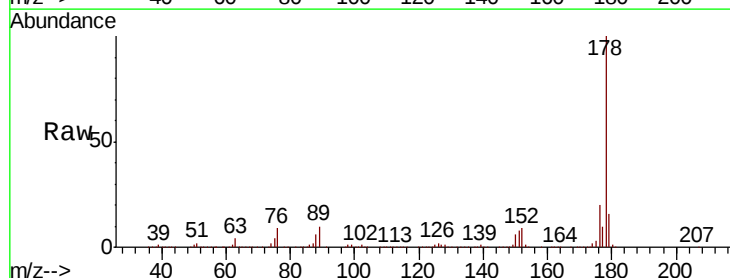
Delta R.T. 0.01 min

Lab File: BF111178.D

Acq: 7 Dec 2018 11:11

Tgt Ion:178 Resp: 2329334

Ion	Ratio	Lower	Upper
178	100		
176	19.7	17.3	25.9
179	15.6	13.8	20.8

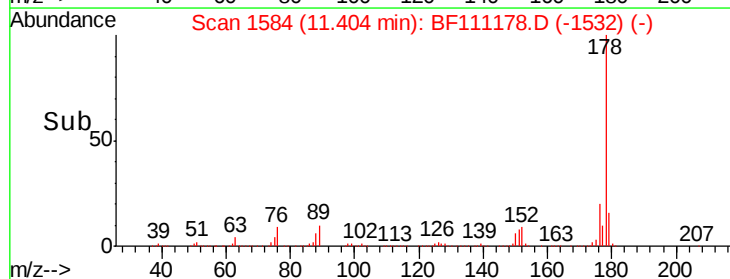
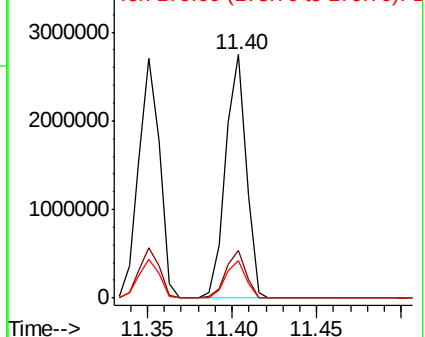


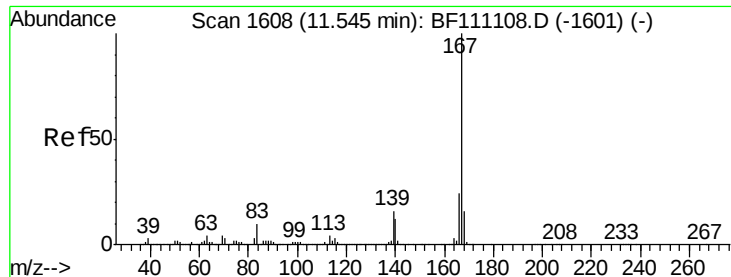
Abundance

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



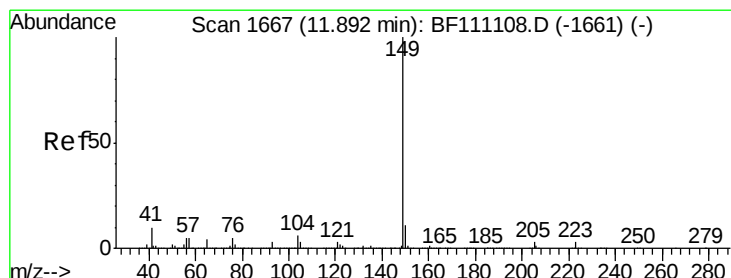
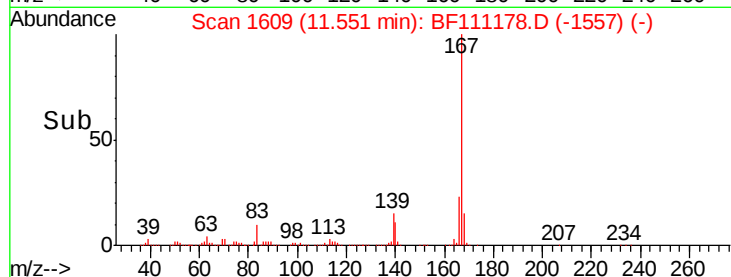
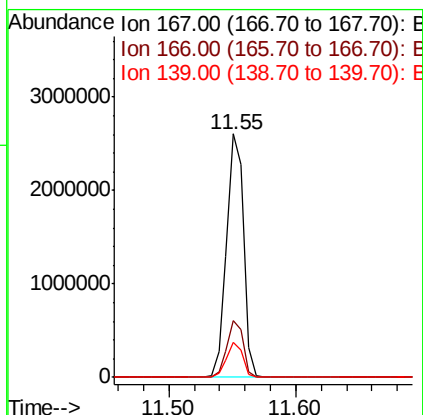
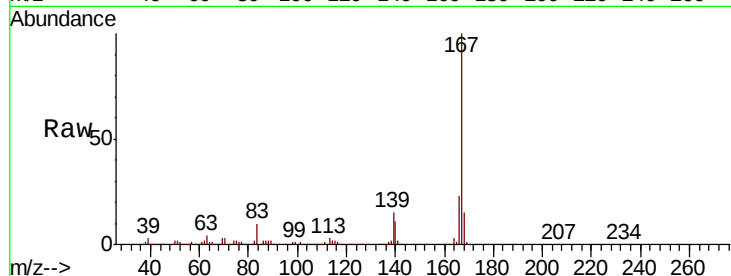


#73
 Carbazole
 Concen: 39.934 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.01 min
 Lab File: BF111178.D
 Acq: 7 Dec 2018 11:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 2413666

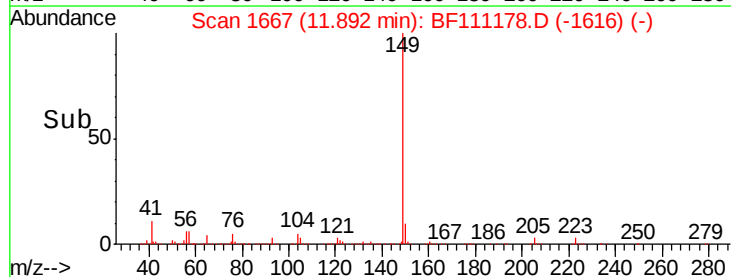
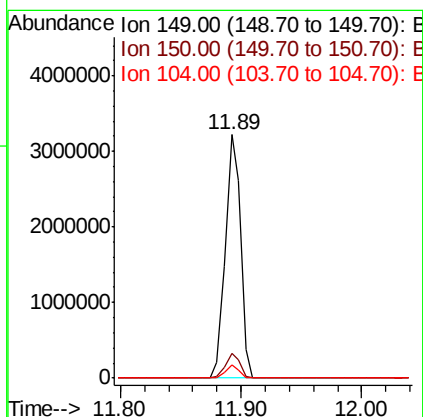
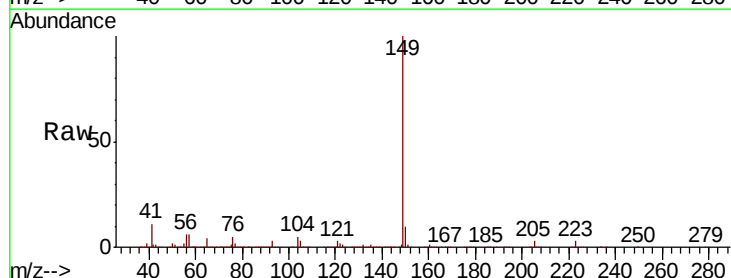
Ion	Ratio	Lower	Upper
167	100		
166	23.3	19.4	29.0
139	14.5	12.6	18.8

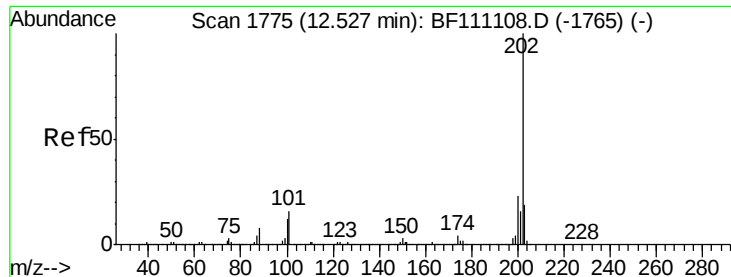


#74
 Di-n-butylphthalate
 Concen: 39.487 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: BF111178.D
 Acq: 7 Dec 2018 11:11

Tgt Ion:149 Resp: 2793771

Ion	Ratio	Lower	Upper
149	100		
150	10.2	8.6	12.8
104	5.4	4.5	6.7





#75

Fluoranthene

Concen: 41.166 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.01 min

Lab File: BF111178.D

Acq: 7 Dec 2018 11:11

Instrument :

BNA_F

ClientSampleId :

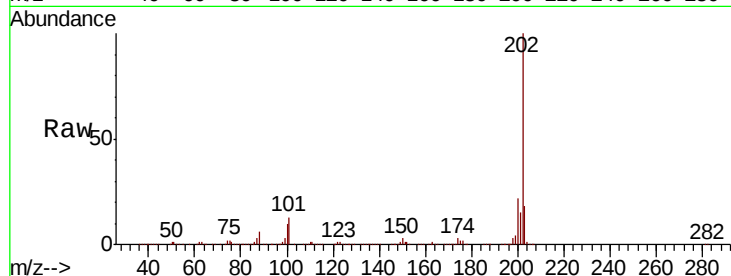
Tot Ion:202 Resp: 2321274

Ion Ratio Lower Upper

202 100

101 12.7 0.0 35.8

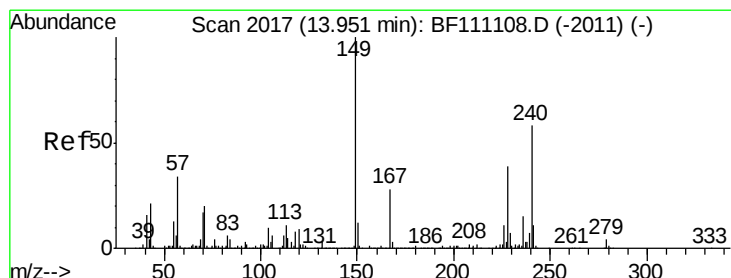
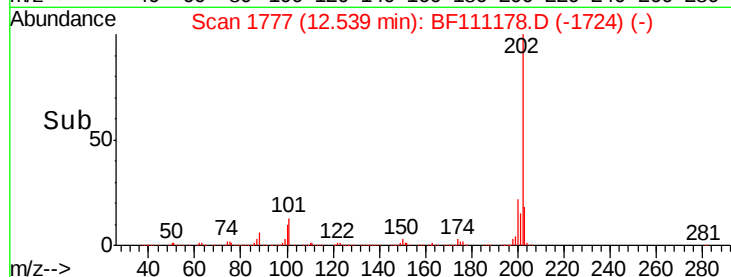
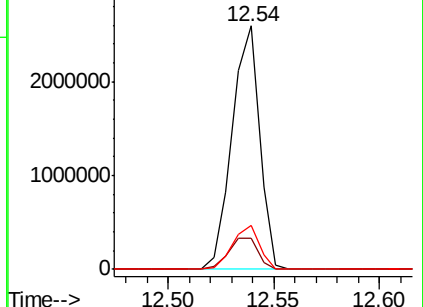
203 18.2 0.0 38.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BF111178.D

Acq: 7 Dec 2018 11:11

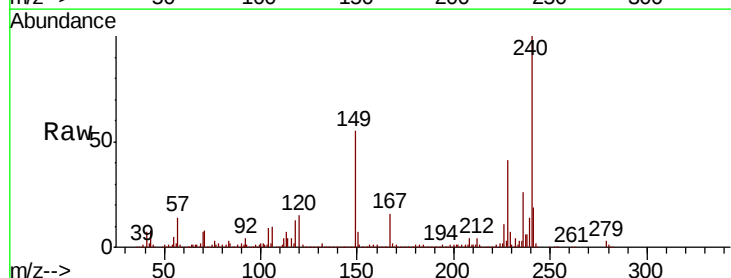
Tgt Ion:240 Resp: 888959

Ion Ratio Lower Upper

240 100

120 14.8 12.8 19.2

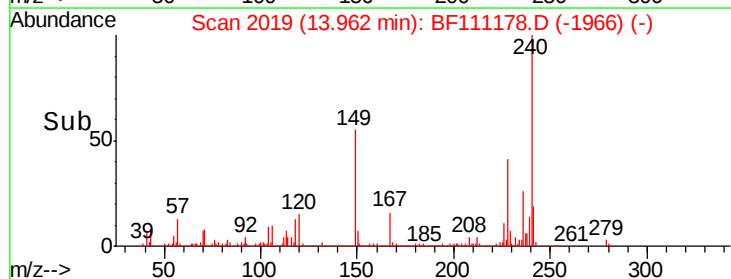
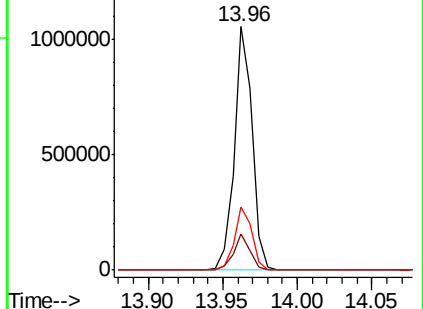
236 25.9 21.1 31.7

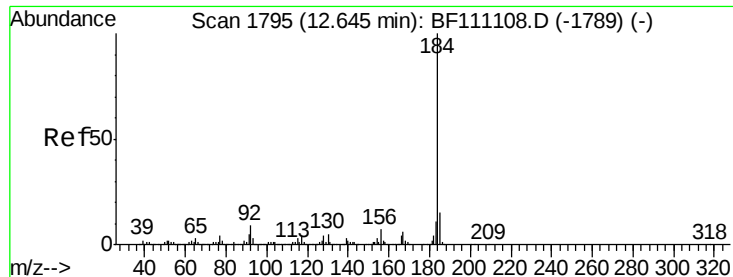


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 28.625 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.01 min

Lab File: BF111178.D

Acq: 7 Dec 2018 11:11

Instrument :

BNA_F

ClientSampleId :

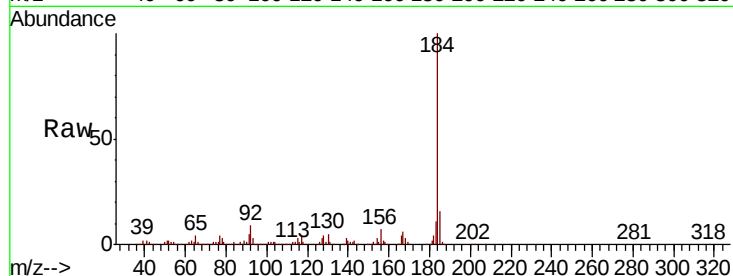
Tot Ion:184 Resp: 862180

Ion Ratio Lower Upper

184 100

185 15.5 12.0 18.0

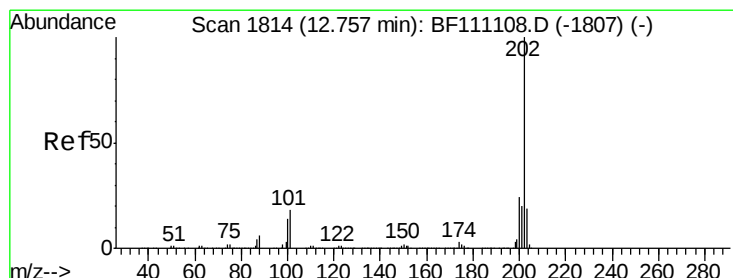
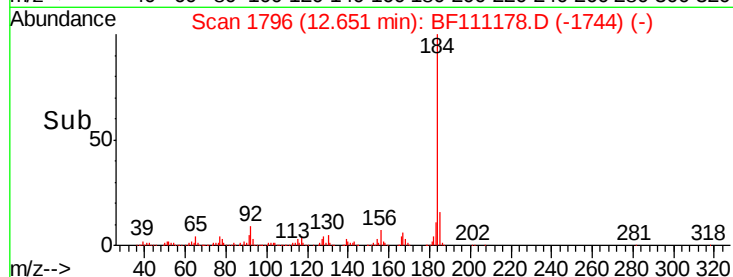
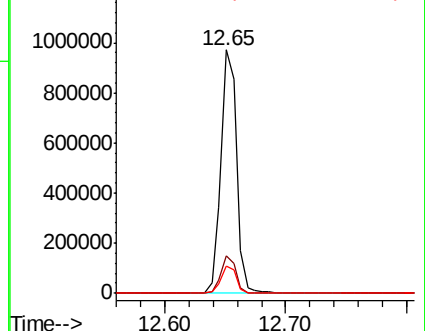
183 11.3 8.9 13.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 34.722 ng

RT: 12.77 min Scan# 1816

Delta R.T. 0.01 min

Lab File: BF111178.D

Acq: 7 Dec 2018 11:11

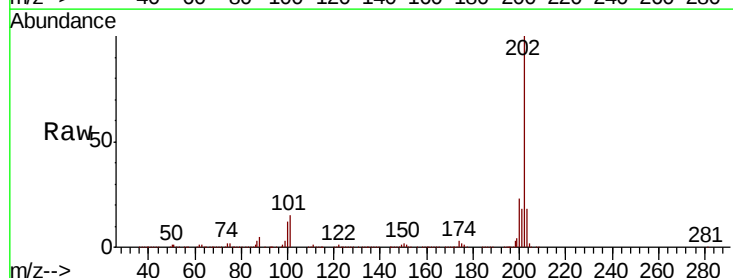
Tgt Ion:202 Resp: 2404697

Ion Ratio Lower Upper

202 100

200 22.9 19.3 28.9

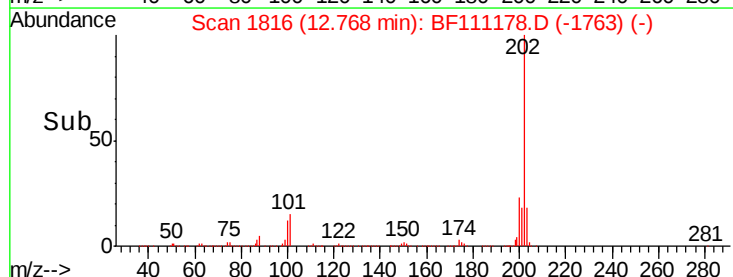
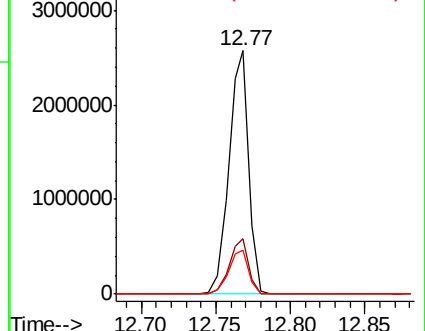
203 18.1 15.4 23.2

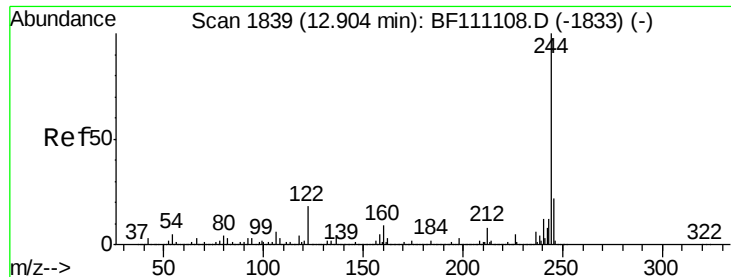


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 70.371 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.01 min

Lab File: BF111178.D

Acq: 7 Dec 2018 11:11

Instrument :

BNA_F

ClientSampleId :

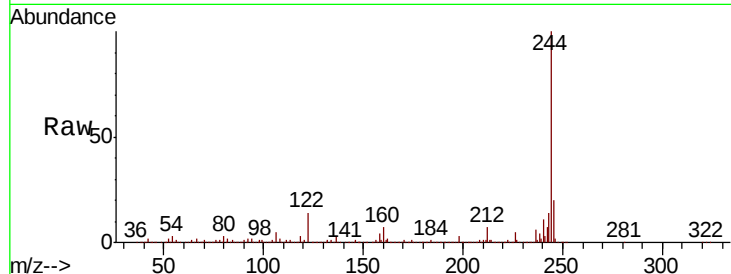
Tot Ion:244 Resp: 3054535

Ion Ratio Lower Upper

244 100

212 7.3 6.6 9.8

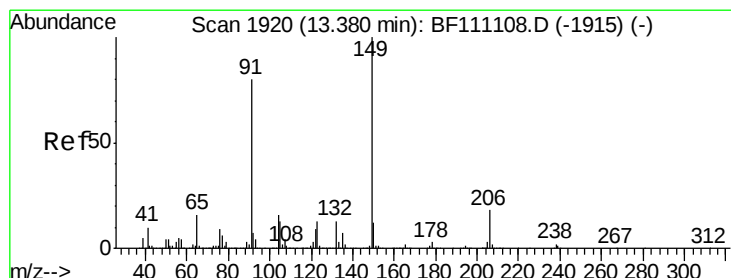
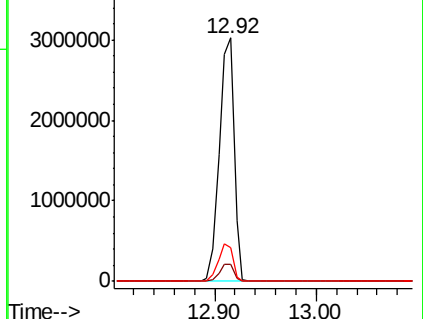
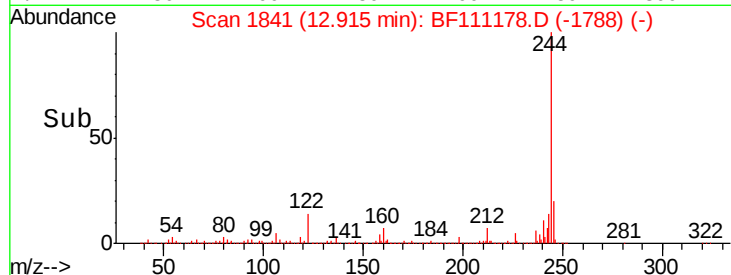
122 13.8 14.2 21.2#



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: 36.674 ng

RT: 13.39 min Scan# 1921

Delta R.T. 0.01 min

Lab File: BF111178.D

Acq: 7 Dec 2018 11:11

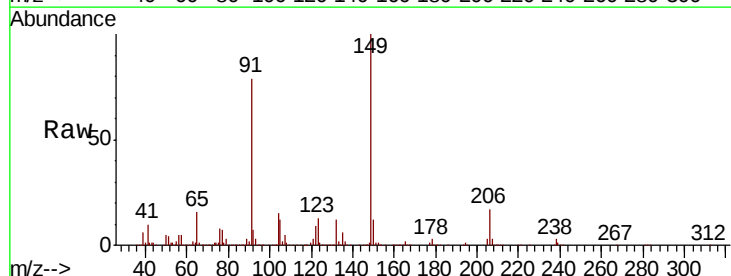
Tgt Ion:149 Resp: 1226987

Ion Ratio Lower Upper

149 100

91 79.1 64.0 96.0

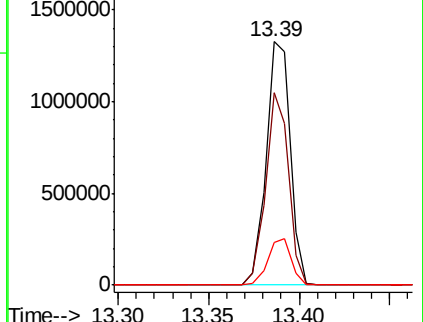
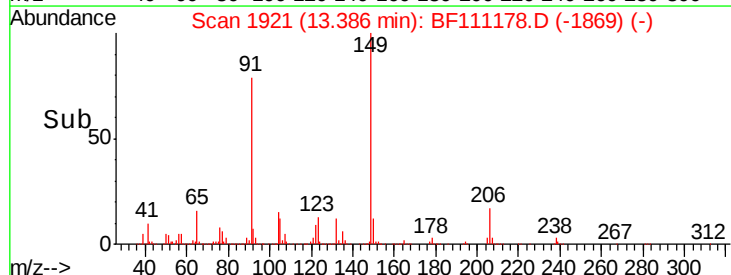
206 17.3 14.1 21.1

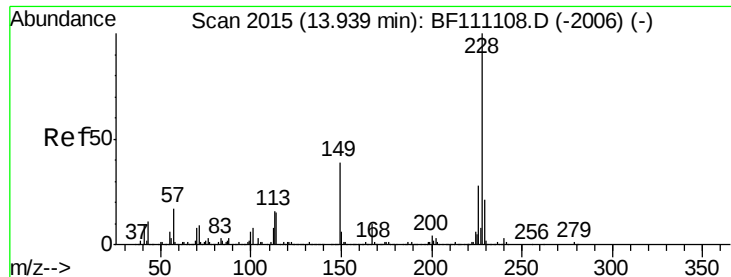


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 35.717 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.01 min

Lab File: BF111178.D

Acq: 7 Dec 2018 11:11

Instrument :

BNA_F

ClientSampled :

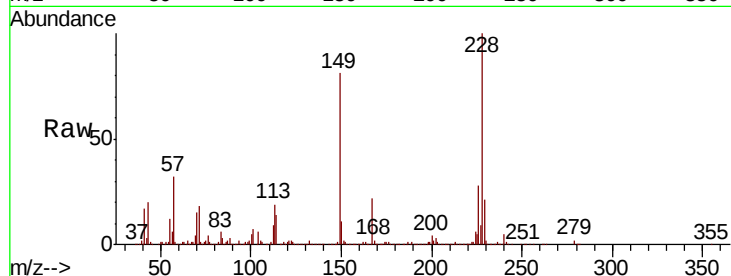
Tot Ion:228 Resp: 1860282

Ion Ratio Lower Upper

228 100

226 27.9 22.6 34.0

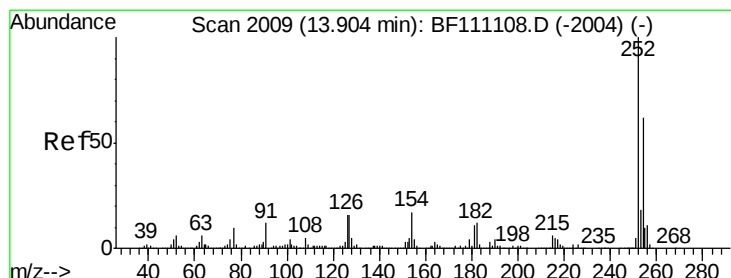
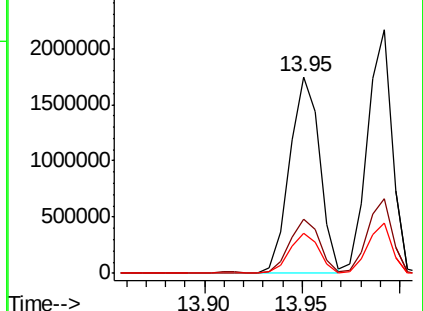
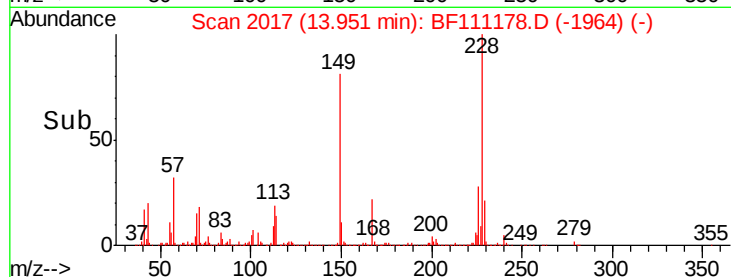
229 20.7 16.7 25.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 38.836 ng

RT: 13.92 min Scan# 2011

Delta R.T. 0.01 min

Lab File: BF111178.D

Acq: 7 Dec 2018 11:11

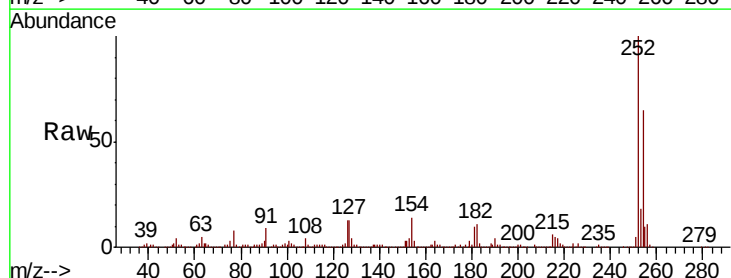
Tgt Ion:252 Resp: 763346

Ion Ratio Lower Upper

252 100

254 64.7 49.8 74.8

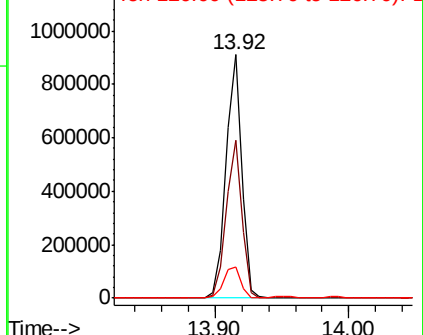
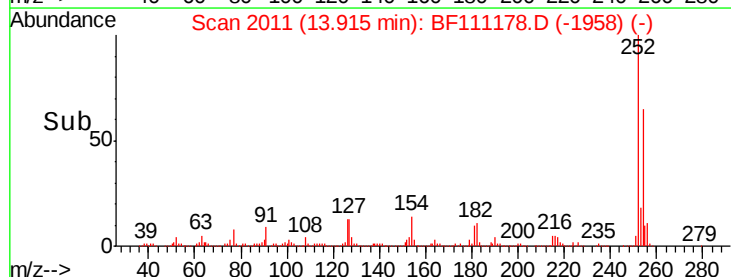
126 12.8 12.9 19.3#

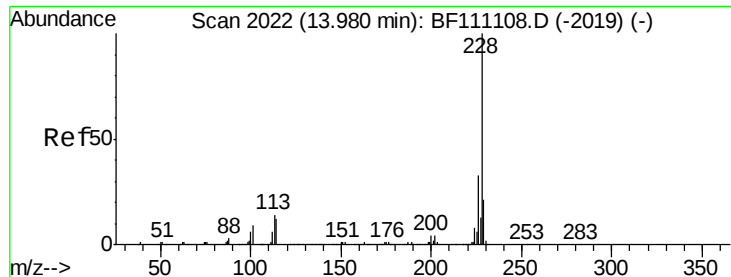


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

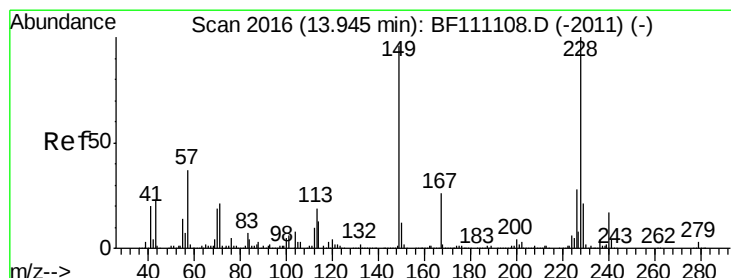
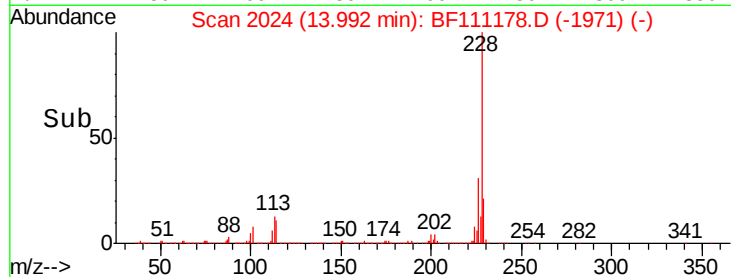
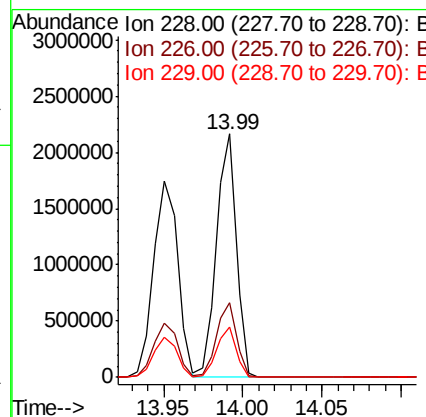
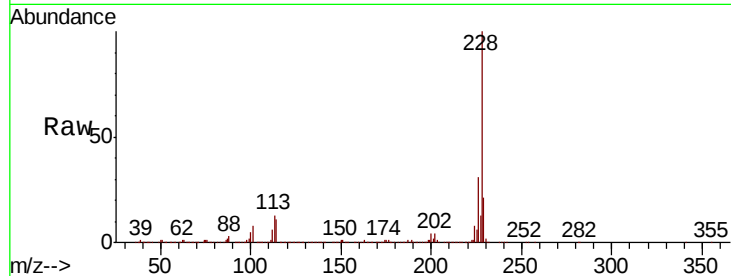




#83
 Chrvsene
 Concen: 36.721 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. 0.01 min
 Lab File: BF111178.D
 Acq: 7 Dec 2018 11:11

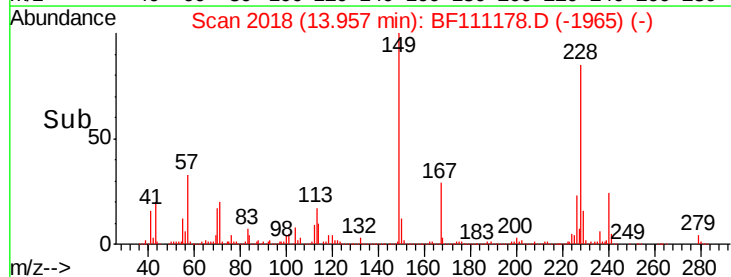
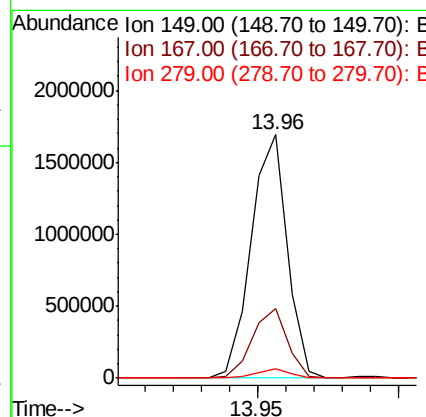
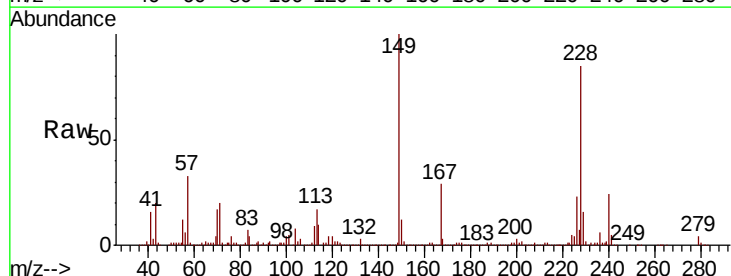
Instrument :
 BNA_F
 ClientSampleId :

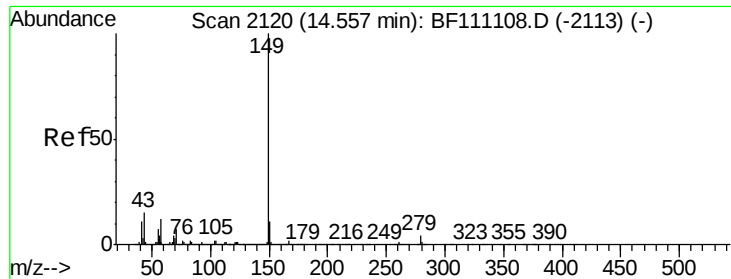
Tot Ion:228 Resp: 1898690
 Ion Ratio Lower Upper
 228 100
 226 30.9 26.2 39.2
 229 20.6 16.9 25.3



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.111 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.01 min
 Lab File: BF111178.D
 Acq: 7 Dec 2018 11:11

Tgt Ion:149 Resp: 1499715
 Ion Ratio Lower Upper
 149 100
 167 28.6 21.6 32.4
 279 4.0 2.3 3.5#

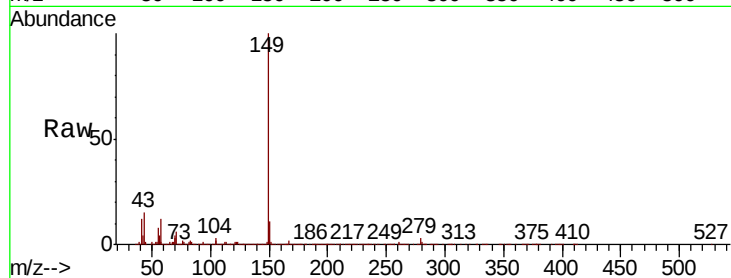




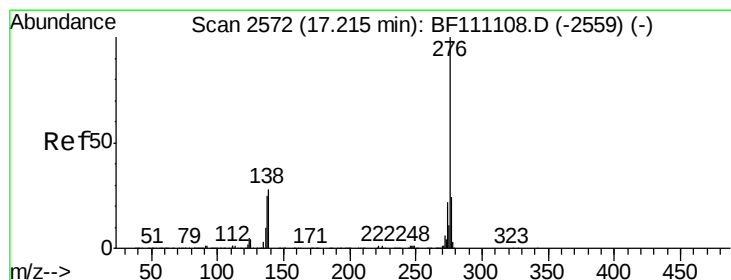
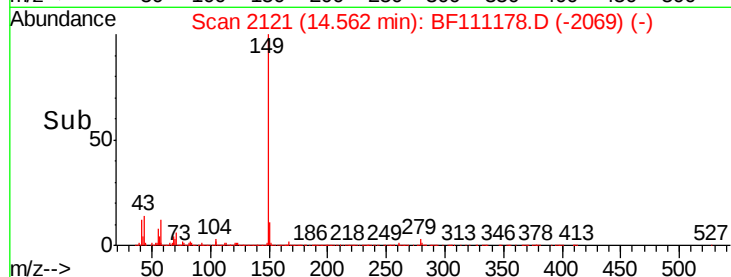
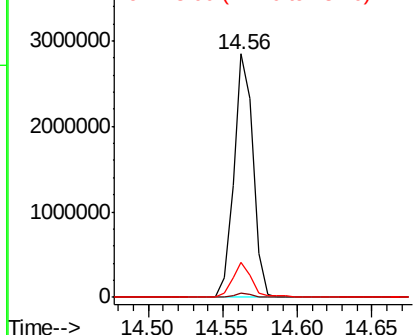
#85
Di-n-octyl phthalate
Concen: 40.408 ng
RT: 14.56 min Scan# 2121
Delta R.T. 0.01 min
Lab File: BF111178.D
Acq: 7 Dec 2018 11:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 2567086
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 14.1 11.9 17.9

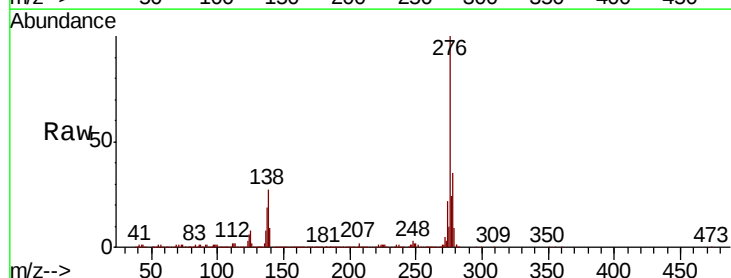


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

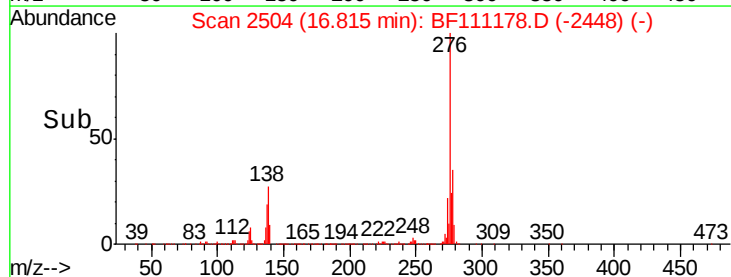
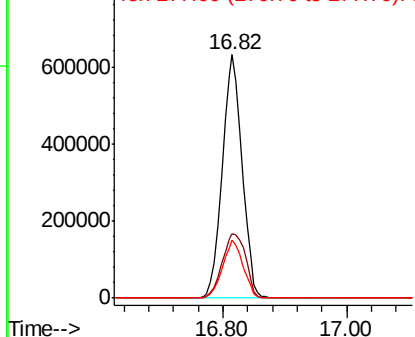


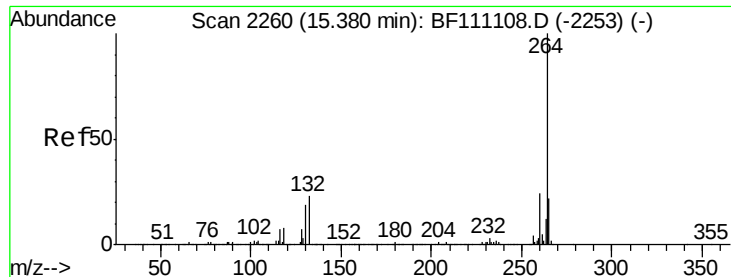
#86
Indeno(1,2,3-cd)pyrene
Concen: 33.867 ng
RT: 16.82 min Scan# 2504
Delta R.T. 0.03 min
Lab File: BF111178.D
Acq: 7 Dec 2018 11:11

Tgt Ion:276 Resp: 1405982
Ion Ratio Lower Upper
276 100
138 31.4 20.2 30.4#
277 24.5 15.8 23.6#



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: 15.40 min Scan# 2263

Delta R.T. 0.02 min

Lab File: BF111178.D

Acq: 7 Dec 2018 11:11

Instrument :

BNA_F

ClientSampleId :

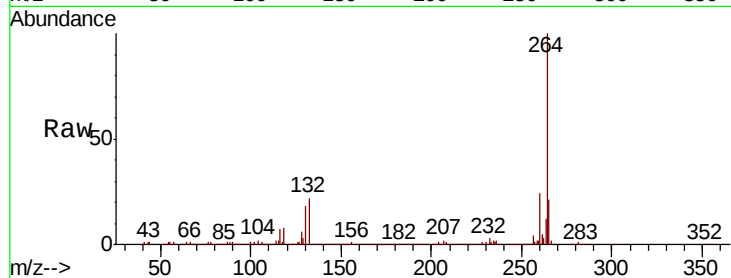
Tot Ion:264 Resp: 733418

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.0

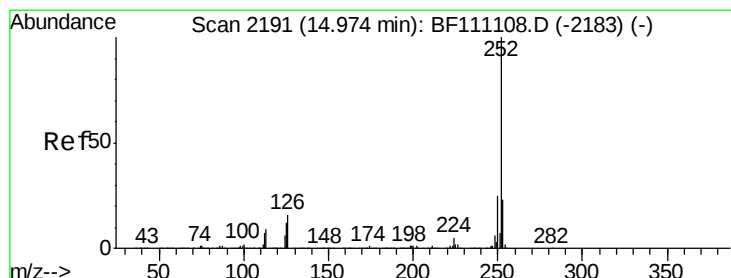
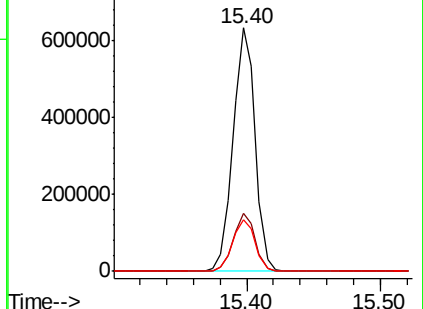
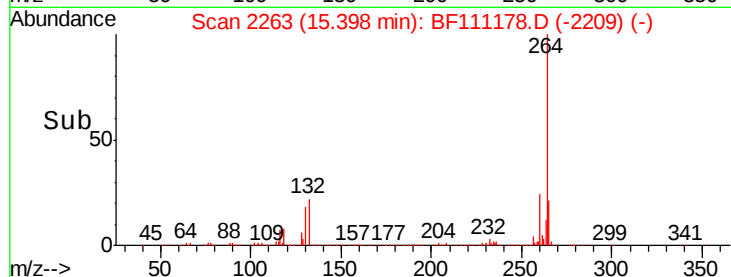
265 21.1 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 38.861 ng

RT: 14.99 min Scan# 2193

Delta R.T. 0.01 min

Lab File: BF111178.D

Acq: 7 Dec 2018 11:11

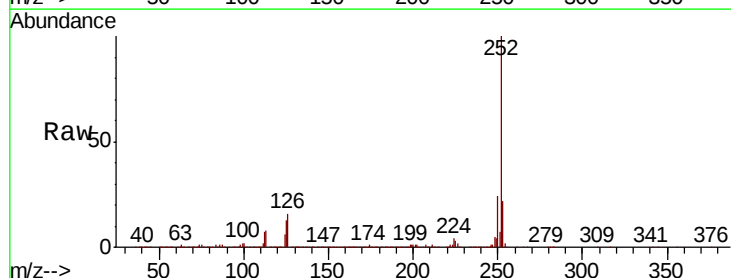
Tgt Ion:252 Resp: 1615001

Ion Ratio Lower Upper

252 100

253 22.1 18.5 27.7

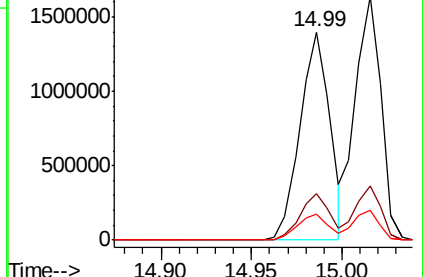
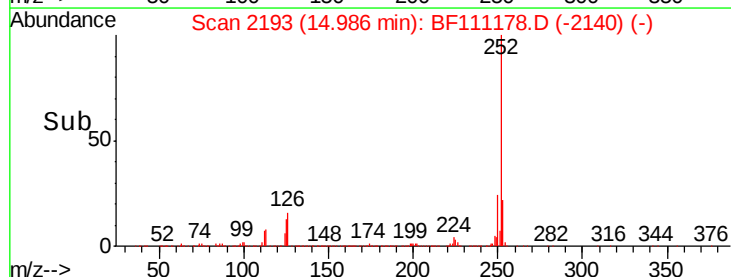
125 12.8 9.9 14.9

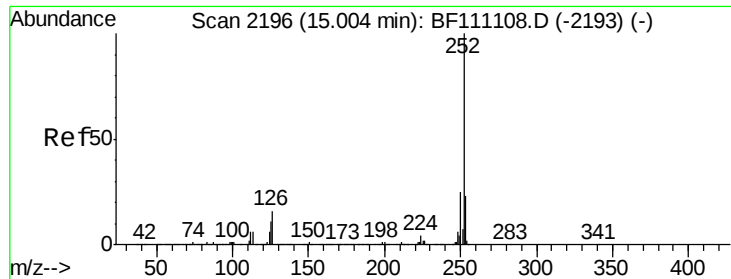


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

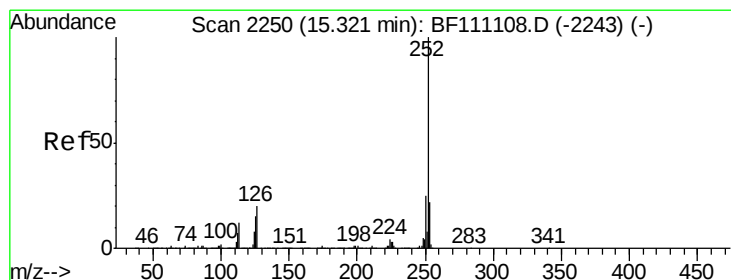
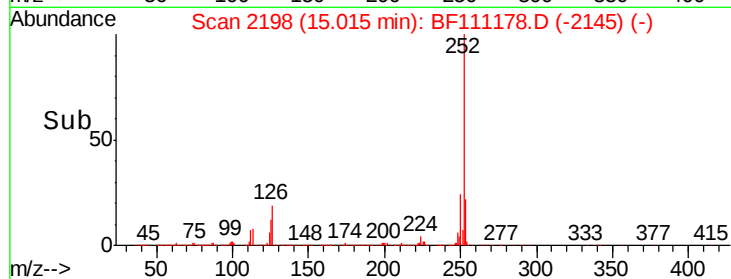
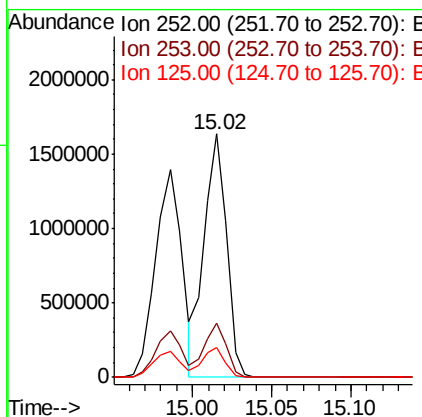
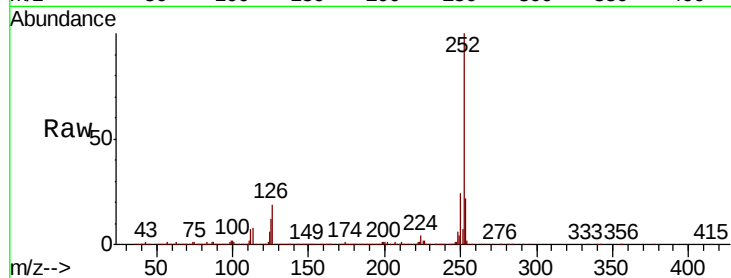




#89
Benzo(k)fluoranthene
Concen: 40.495 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF111178.D
Acq: 7 Dec 2018 11:11

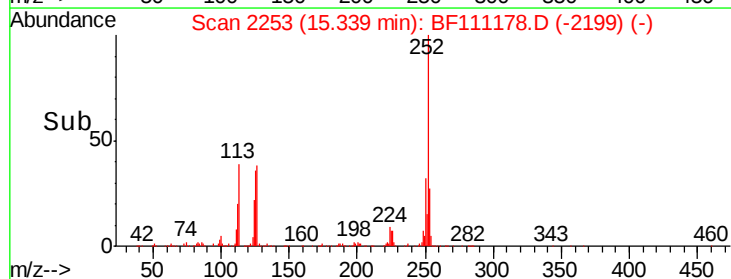
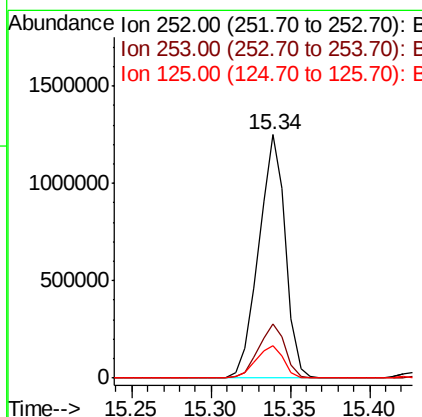
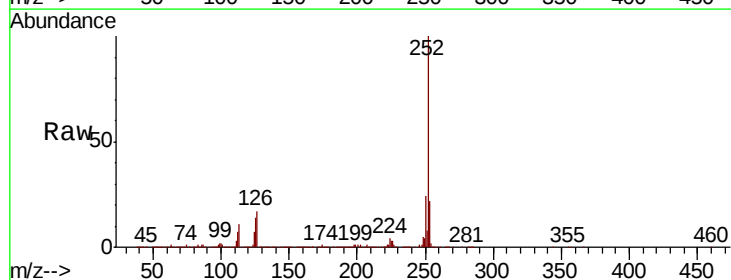
Instrument :
BNA_F
ClientSampleId :

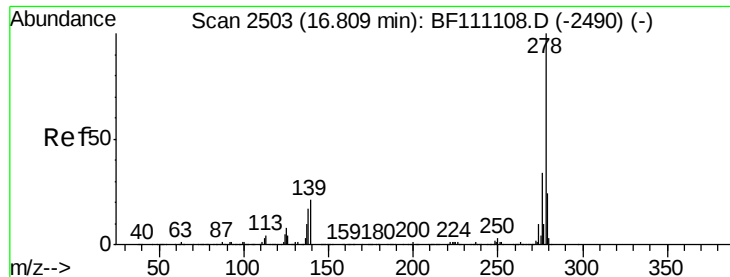
Tot Ion:252 Resp: 1626910
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.4
125 12.5 9.9 14.9



#90
Benzo(a)pyrene
Concen: 38.431 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.02 min
Lab File: BF111178.D
Acq: 7 Dec 2018 11:11

Tgt Ion:252 Resp: 1464989
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 13.5 12.4 18.6





#91

Dibenzo(a,h)anthracene

Concen: 36.613 ng

RT: 16.83 min Scan# 2507

Delta R.T. 0.02 min

Lab File: BF111178.D

Acq: 7 Dec 2018 11:11

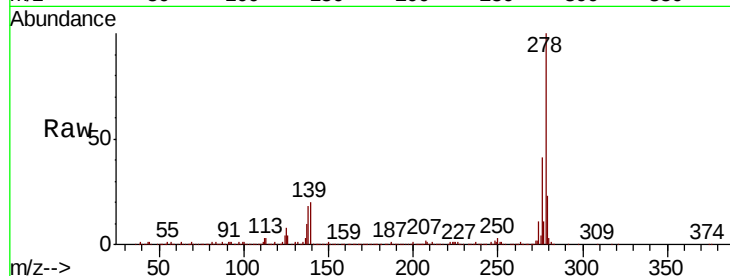
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 1171202

Ion	Ratio	Lower	Upper
278	100		
139	20.2	16.6	25.0
279	23.4	18.8	28.2

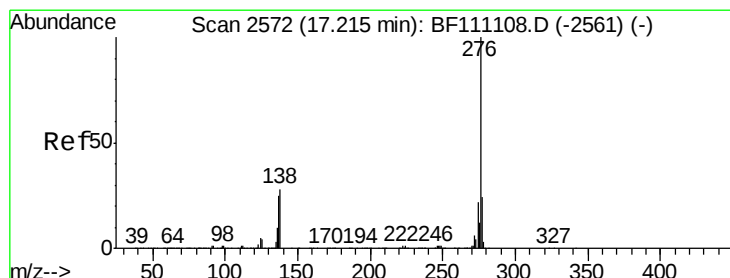
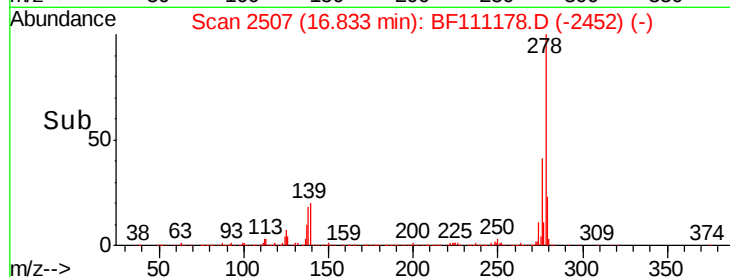
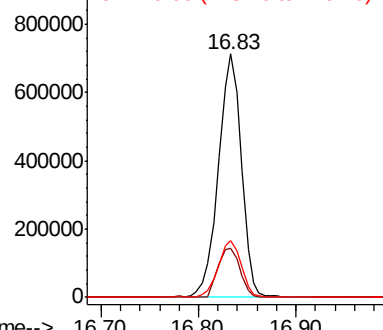


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 35.952 ng

RT: 17.24 min Scan# 2577

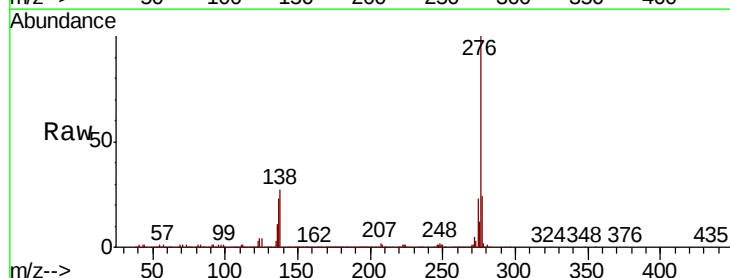
Delta R.T. 0.03 min

Lab File: BF111178.D

Acq: 7 Dec 2018 11:11

Tgt Ion:276 Resp: 1155709

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.3	28.9
138	26.7	22.3	33.5



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

