

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
 Data File : BF110457.D
 Acq On : 5 Nov 2018 11:39
 Operator : JU/SJ
 Sample : PB114468BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 05 12:26:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	82585	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	350952	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	166361	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	307879	20.00	ng	0.00
76) Chrysene-d12	14.14	240	224982	20.00	ng	0.00
87) Perylene-d12	15.66	264	162929	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	755787	149.03	ng	0.02
7) Phenol-d6	6.59	99	963310	148.51	ng	0.00
23) Nitrobenzene-d5	7.52	82	485688	82.08	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	245564	149.01	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	931778	87.95	ng	0.00
79) Terphenyl-d14	13.07	244	883439	81.66	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.93	88	128009	48.177	ng	89
3) Pyridine	3.68	79	239618	40.490	ng	# 84
4) n-Nitrosodimethylamine	3.64	42	112398	45.332	ng	# 89
6) Aniline	6.62	93	294840	34.892	ng	# 54
8) 2-Chlorophenol	6.75	128	248169	42.445	ng	99
9) Benzaldehyde	6.51	77	165196	45.710	ng	97
10) Phenol	6.60	94	307460	44.342	ng	# 67
11) bis(2-Chloroethyl)ether	6.69	93	227042	39.800	ng	97
12) 1,3-Dichlorobenzene	6.90	146	265404	41.248	ng	97
13) 1,4-Dichlorobenzene	6.97	146	269208	41.369	ng	100
14) 1,2-Dichlorobenzene	7.13	146	255145	42.235	ng	98
15) Benzyl Alcohol	7.10	79	210275	42.147	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.22	45	374158	41.022	ng	70
17) 2-Methylphenol	7.20	107	201550	43.254	ng	# 83
18) Hexachloroethane	7.46	117	100410	42.145	ng	95
19) n-Nitroso-di-n-propylamine	7.36	70	170456	40.960	ng	95
20) 3+4-Methylphenols	7.36	107	249797	41.472	ng	# 84
22) Acetophenone	7.36	105	344804	42.638	ng	# 93
24) Nitrobenzene	7.54	77	254425	41.649	ng	93
25) Isophorone	7.77	82	469552	46.555	ng	96
26) 2-Nitrophenol	7.86	139	131690	45.302	ng	91
27) 2,4-Dimethylphenol	7.89	122	225792	46.849	ng	98
28) bis(2-Chloroethoxy)methane	7.98	93	297960	43.486	ng	98
29) 2,4-Dichlorophenol	8.10	162	208895	42.901	ng	98
30) 1,2,4-Trichlorobenzene	8.18	180	224199	41.107	ng	96
31) Naphthalene	8.26	128	726865	44.938	ng	99
32) Benzoic acid	8.02	122	131830	35.391	ng	92
33) 4-Chloroaniline	8.31	127	178557	24.528	ng	98
34) Hexachlorobutadiene	8.37	225	126689	41.835	ng	97
35) Caprolactam	8.73	113	36088	21.264	ng	98
36) 4-Chloro-3-methylphenol	8.79	107	224506	42.638	ng	98
37) 2-Methylnaphthalene	8.95	142	503183	47.018	ng	99
38) 1-Methylnaphthalene	9.05	142	468289	45.281	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	216083	41.687	ng	97

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
 Data File : BF110457.D
 Acq On : 5 Nov 2018 11:39
 Operator : JU/SJ
 Sample : PB114468BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 05 12:26:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

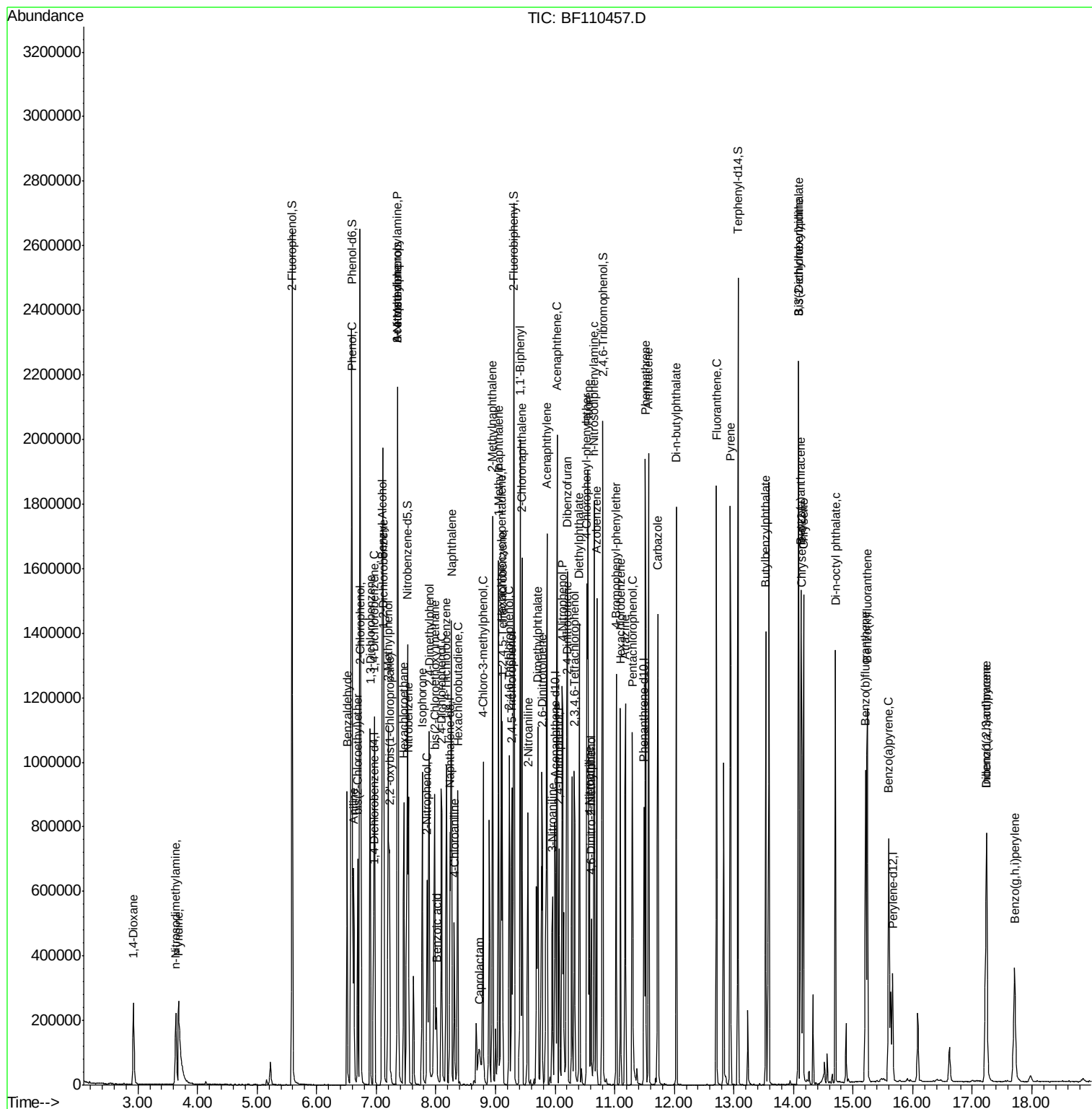
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.10	237	198115	74.747	ng	98
43) 2,4,6-Trichlorophenol	9.23	196	138083	41.302	ng	94
44) 2,4,5-Trichlorophenol	9.27	196	152092	43.037	ng	95
46) 1,1'-Biphenyl	9.42	154	605508	40.249	ng	99
47) 2-Chloronaphthalene	9.45	162	457721	41.478	ng	100
48) 2-Nitroaniline	9.55	65	141408	42.287	ng	93
49) Acenaphthylene	9.86	152	713516	44.766	ng	99
50) Dimethylphthalate	9.71	163	517815	42.166	ng	99
51) 2,6-Dinitrotoluene	9.78	165	115737	43.753	ng	98
52) Acenaphthene	10.03	154	427212	40.516	ng	98
53) 3-Nitroaniline	9.96	138	89986	28.606	ng	89
54) 2,4-Dinitrophenol	10.07	184	93374	88.363	ng	92
55) Dibenzofuran	10.20	168	616058	41.730	ng	99
56) 4-Nitrophenol	10.13	139	240589	103.338	ng	91
57) 2,4-Dinitrotoluene	10.19	165	152437	45.369	ng	94
58) Fluorene	10.55	166	500079	45.515	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.32	232	124431	43.198	ng	94
60) Diethylphthalate	10.41	149	512284	42.734	ng	99
61) 4-Chlorophenyl-phenylether	10.53	204	237608	40.995	ng	97
62) 4-Nitroaniline	10.57	138	126433	40.411	ng	92
63) Azobenzene	10.70	77	502236	42.208	ng	97
65) 4,6-Dinitro-2-methylphenol	10.60	198	60359	42.911	ng	89
66) n-Nitrosodiphenylamine	10.66	169	429661	42.547	ng	97
67) 4-Bromophenyl-phenylether	11.03	248	138343	41.425	ng	93
68) Hexachlorobenzene	11.10	284	147959	41.756	ng	# 91
69) Atrazine	11.18	200	138253	43.322	ng	98
70) Pentachlorophenol	11.30	266	141110	68.295	ng	98
71) Phenanthrene	11.52	178	721454	44.784	ng	100
72) Anthracene	11.57	178	751311	46.528	ng	99
73) Carbazole	11.72	167	647026	41.039	ng	100
74) Di-n-butylphthalate	12.03	149	785724	44.126	ng	99
75) Fluoranthene	12.71	202	721673	44.141	ng	99
77) Benzidine	12.83	184	391175	Below Cal		97
78) Pyrene	12.94	202	733437	45.472	ng	98
80) Butylbenzylphthalate	13.54	149	316809	45.253	ng	95
81) Benzo(a)anthracene	14.13	228	586270	43.942	ng	100
82) 3,3'-Dichlorobenzidine	14.09	252	131210	28.242	ng	100
83) Chrysene	14.17	228	547192	43.180	ng	99
84) Bis(2-ethylhexyl)phthalate	14.09	149	406426	42.946	ng	97
85) Di-n-octyl phthalate	14.70	149	633872	43.076	ng	99
86) Indeno(1,2,3-cd)pyrene	17.23	276	407782	38.789	ng	98
88) Benzo(b)fluoranthene	15.21	252	445531	47.354	ng	99
89) Benzo(k)fluoranthene	15.24	252	429325	46.416	ng	99
90) Benzo(a)pyrene	15.60	252	407284	47.045	ng	97
91) Dibenzo(a,h)anthracene	17.24	278	341067	45.658	ng	98
92) Benzo(g,h,i)perylene	17.71	276	341347	46.372	ng	97

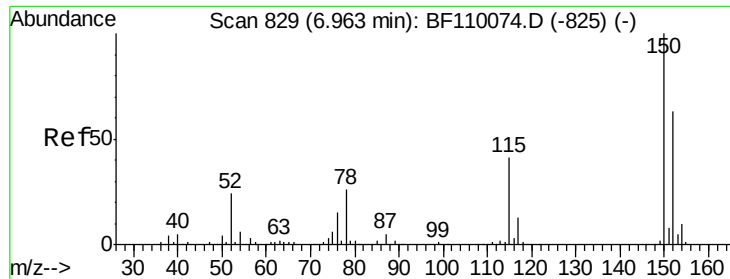
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
Data File : BF110457.D
Acq On : 5 Nov 2018 11:39
Operator : JU/SJ
Sample : PB114468BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 05 12:26:41 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 16:06:12 2018
Response via : Initial Calibration



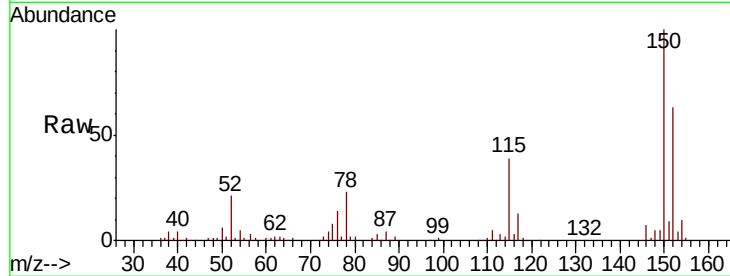


#1

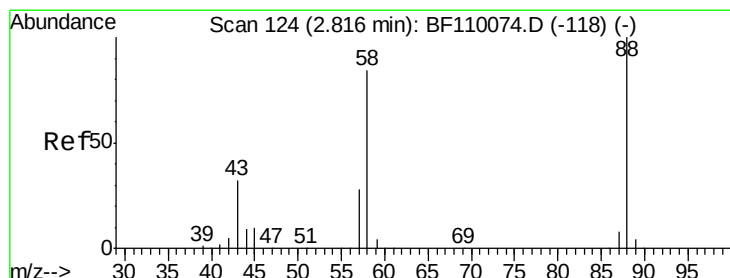
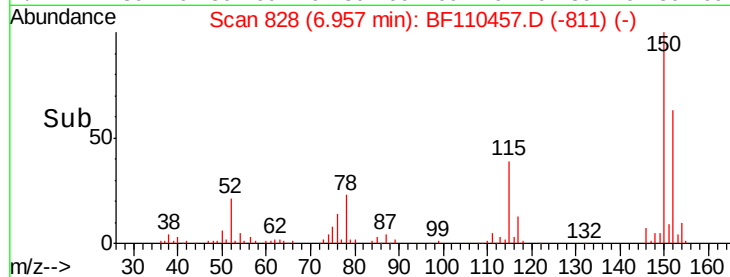
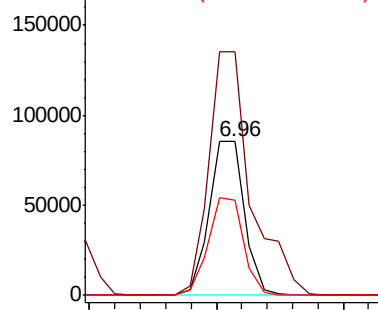
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 82585
Ion Ratio Lower Upper
152 100
150 158.2 122.7 184.1
115 62.1 49.1 73.7



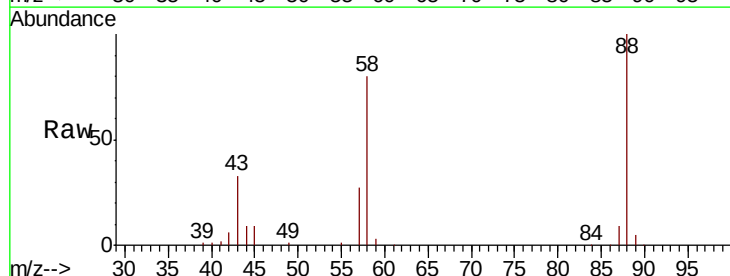
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



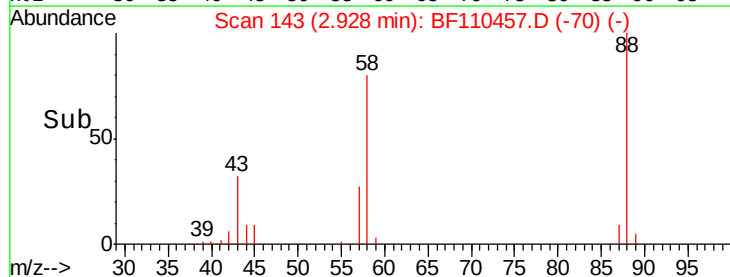
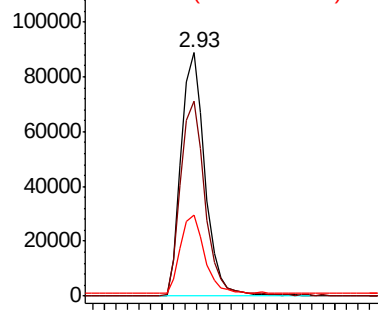
#2

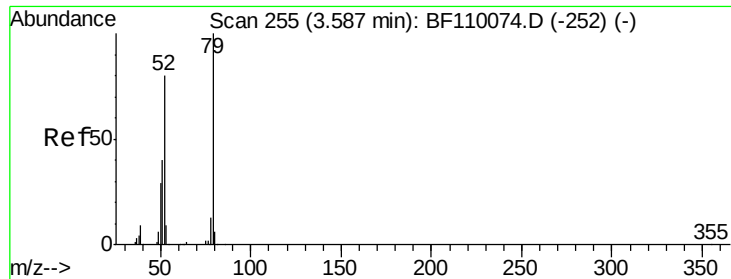
1,4-Dioxane
Concen: 48.177 ng
RT: 2.93 min Scan# 143
Delta R.T. 0.13 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Tgt Ion: 88 Resp: 128009
Ion Ratio Lower Upper
88 100
58 82.8 57.1 85.7
43 32.5 24.1 36.1



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





#3

Pvridine

Concen: 40.490 ng

RT: 3.68 min Scan# 271

Delta R.T. 0.10 min

Lab File: BF110457.D

Acq: 5 Nov 2018 11:39

Instrument :

BNA_F

ClientSampleId :

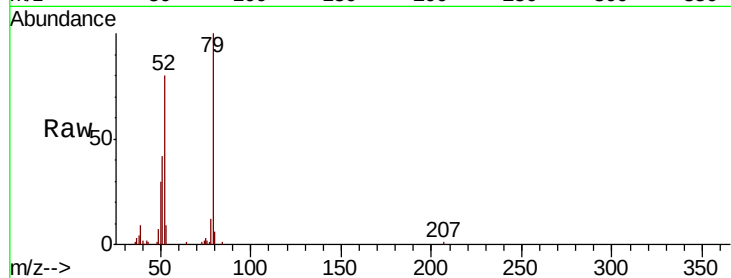
Tot Ion: 79 Resp: 239618

Ion Ratio Lower Upper

79 100

52 80.2 53.1 79.7#

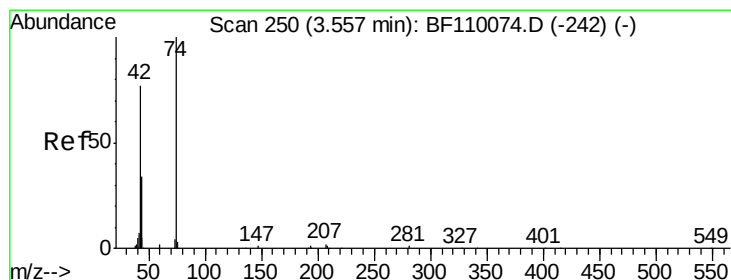
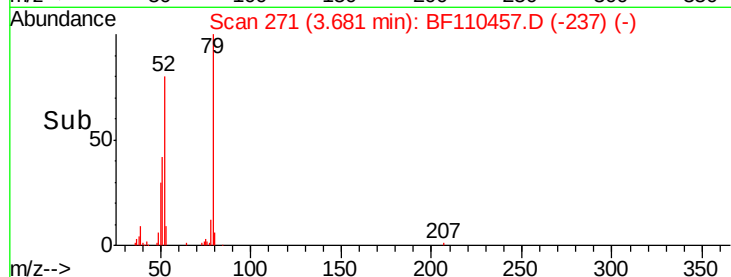
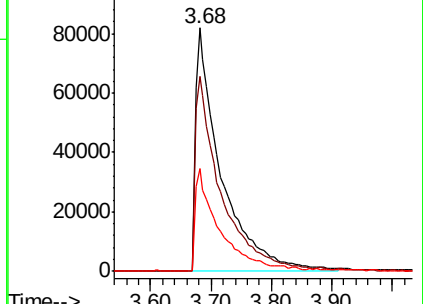
51 42.1 27.4 41.2#



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: 45.332 ng

RT: 3.64 min Scan# 264

Delta R.T. 0.09 min

Lab File: BF110457.D

Acq: 5 Nov 2018 11:39

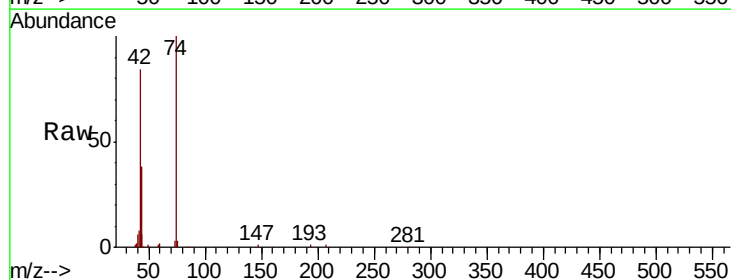
Tgt Ion: 42 Resp: 112398

Ion Ratio Lower Upper

42 100

74 118.8 105.5 158.3

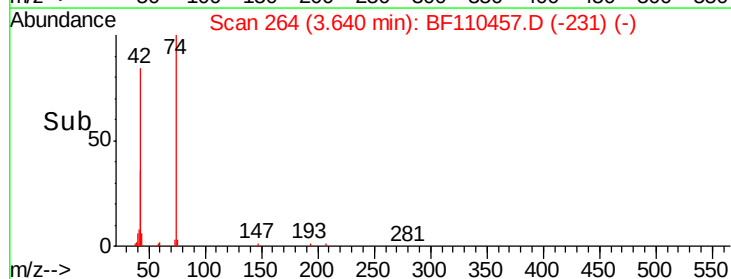
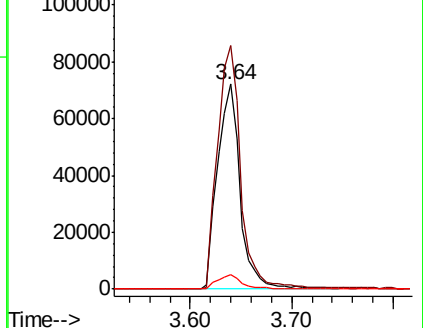
44 7.3 4.9 7.3#

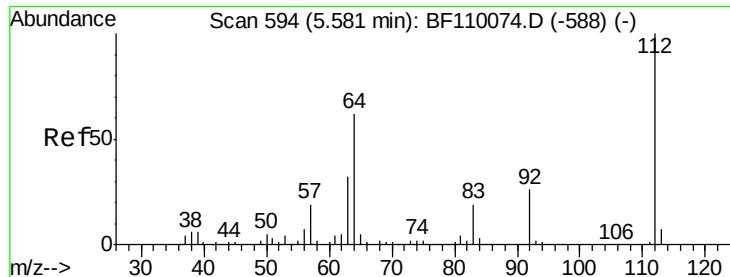


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1

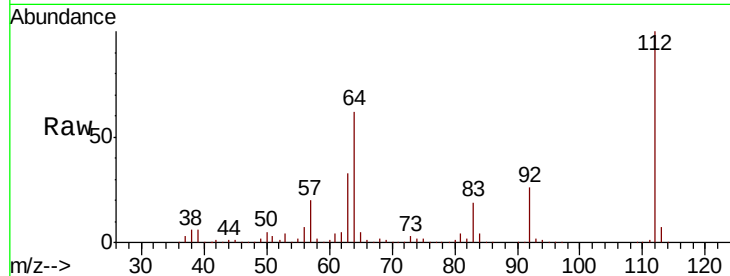




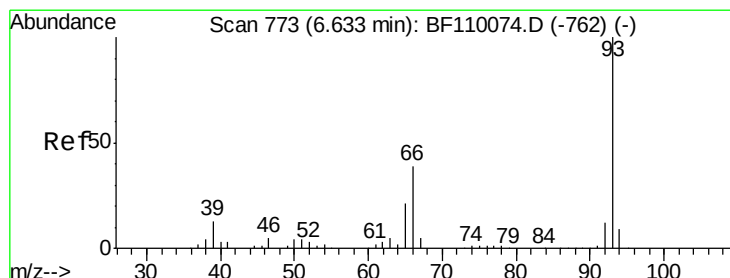
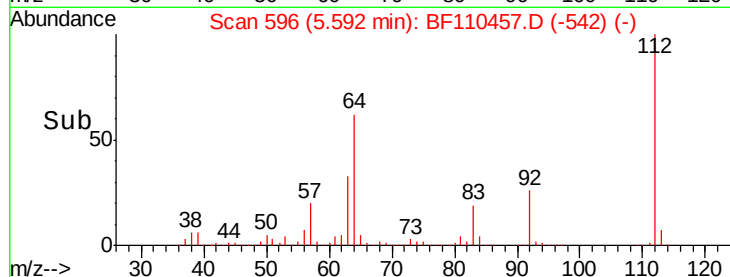
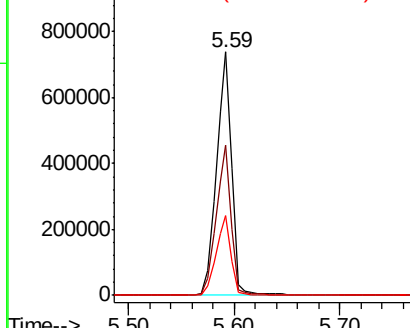
#5
2-Fluorophenol
Concen: 149.030 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.02 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
112	100		
64	61.9	44.1	66.1
63	32.9	23.7	35.5

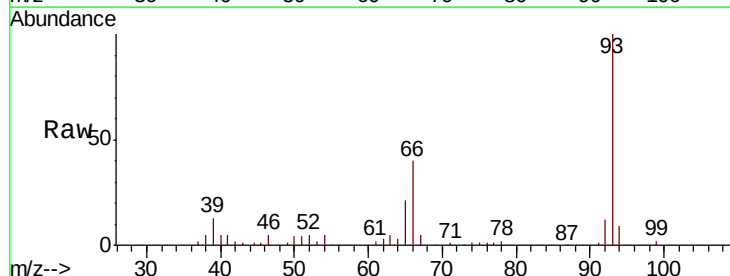


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

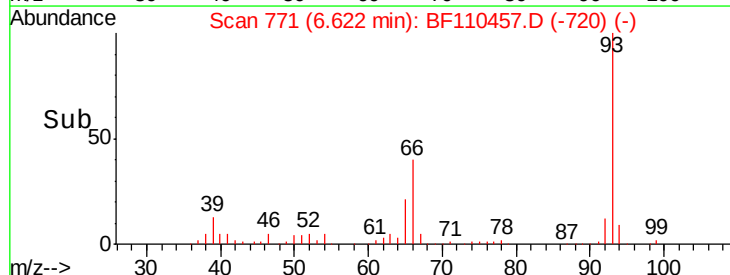
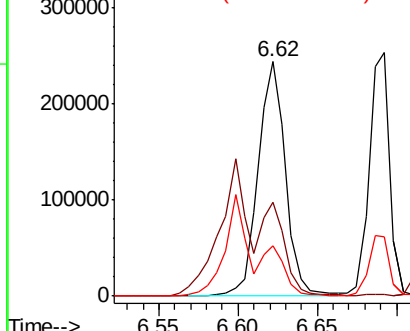


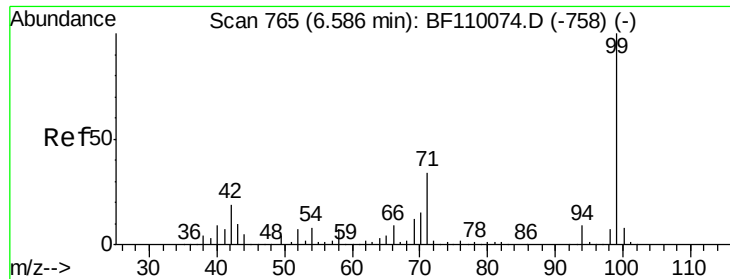
#6
Aniline
Concen: 34.892 ng
RT: 6.62 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Tgt Ion	Ratio	Lower	Upper
93	100		
66	40.0	67.4	101.0#
65	21.4	41.0	61.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 148.506 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF110457.D

Acq: 5 Nov 2018 11:39

Instrument :

BNA_F

ClientSampleId :

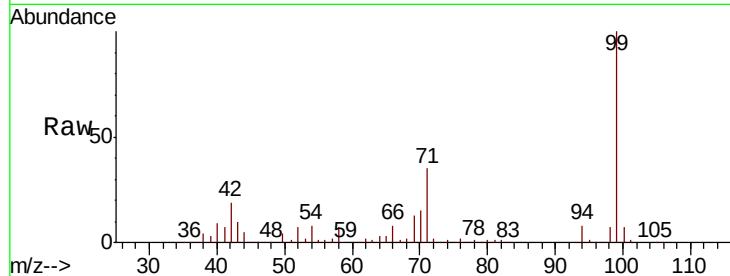
Tot Ion: 99 Resp: 963310

Ion Ratio Lower Upper

99 100

42 19.4 15.8 23.6

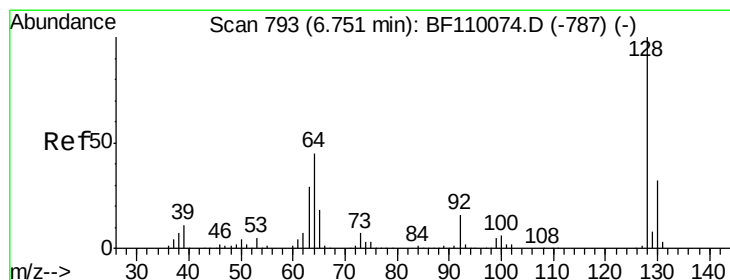
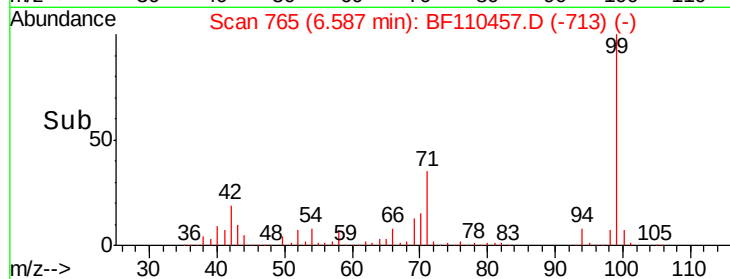
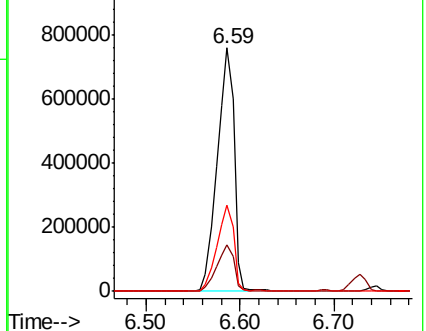
71 35.5 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.445 ng

RT: 6.75 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF110457.D

Acq: 5 Nov 2018 11:39

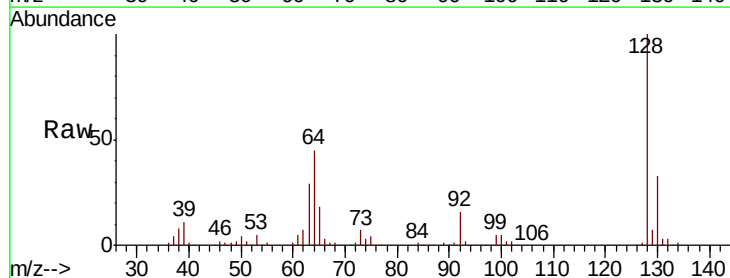
Tgt Ion:128 Resp: 248169

Ion Ratio Lower Upper

128 100

130 33.2 13.1 53.1

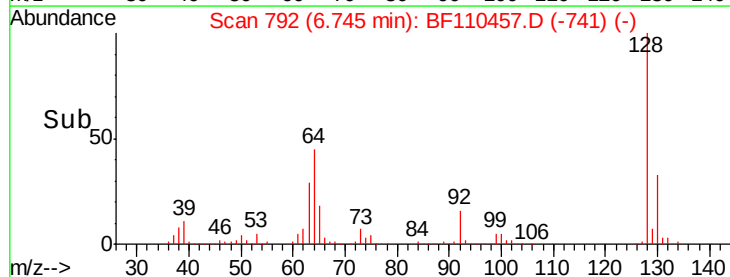
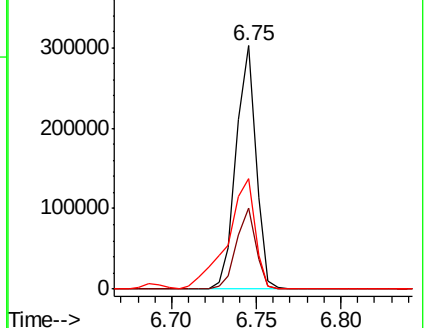
64 45.4 26.0 66.0

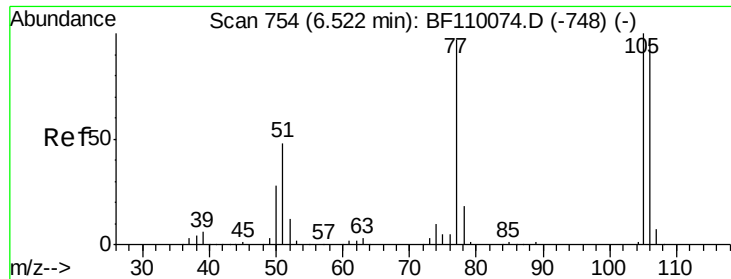


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 45.710 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF110457.D

Acq: 5 Nov 2018 11:39

Instrument :

BNA_F

ClientSampled :

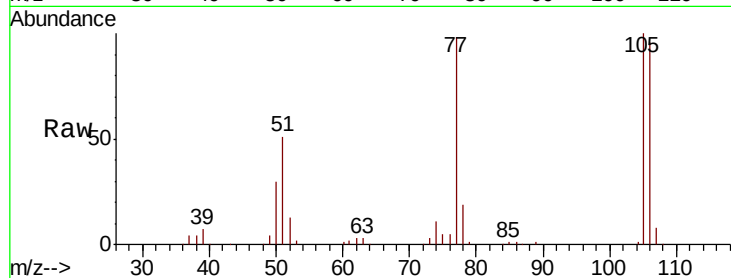
Tot Ion: 77 Resp: 165196

Ion Ratio Lower Upper

77 100

105 101.5 78.6 118.6

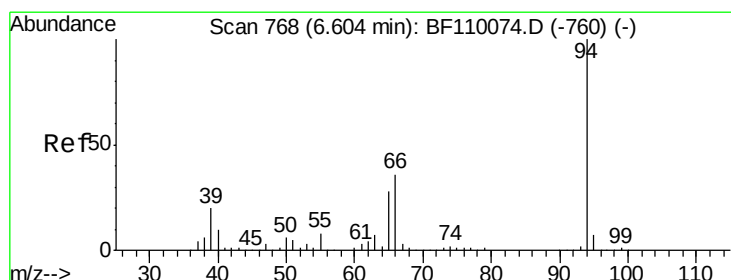
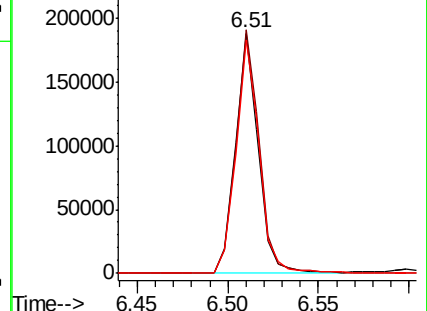
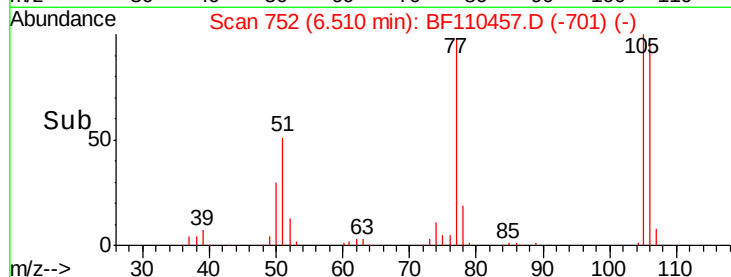
106 97.6 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 44.342 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF110457.D

Acq: 5 Nov 2018 11:39

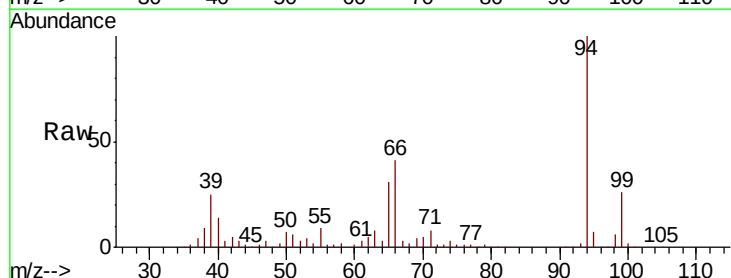
Tgt Ion: 94 Resp: 307460

Ion Ratio Lower Upper

94 100

65 30.7 25.3 65.3

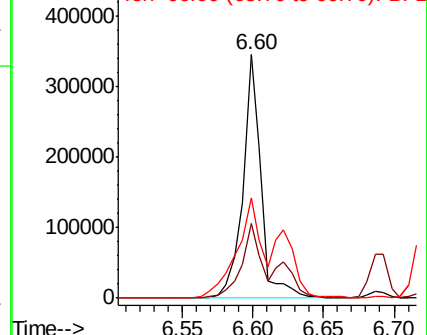
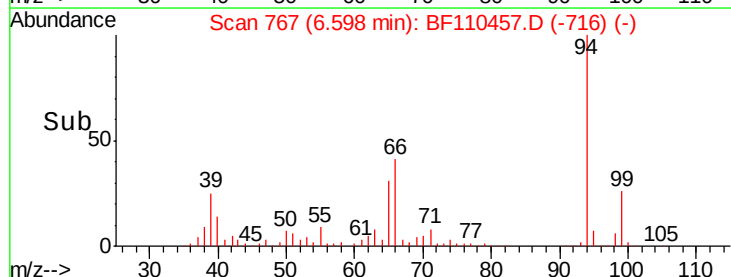
66 41.3 54.5 94.5#

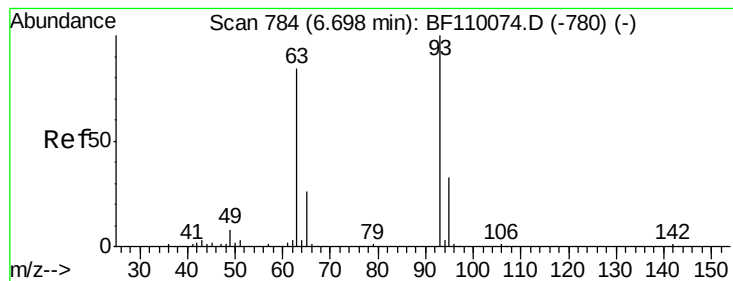


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 39.800 ng

RT: 6.69 min Scan# 783

Delta R.T. 0.00 min

Lab File: BF110457.D

Acq: 5 Nov 2018 11:39

Instrument :

BNA_F

ClientSampleId :

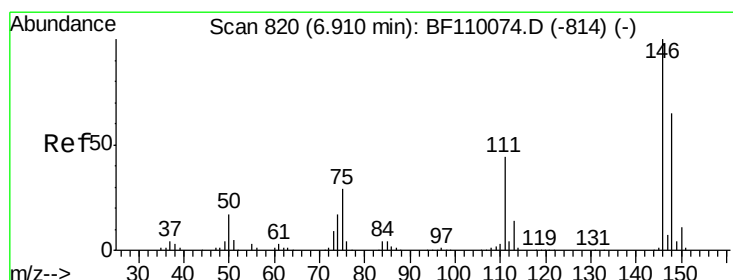
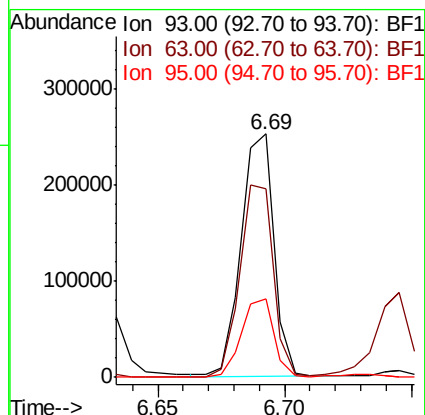
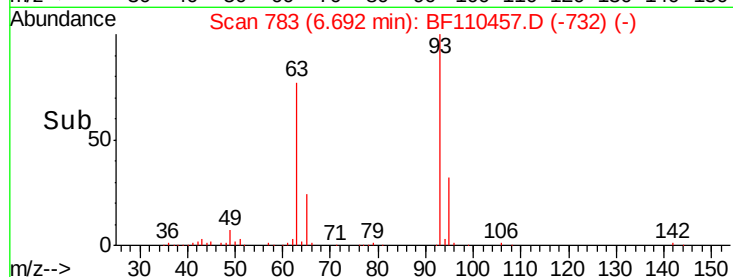
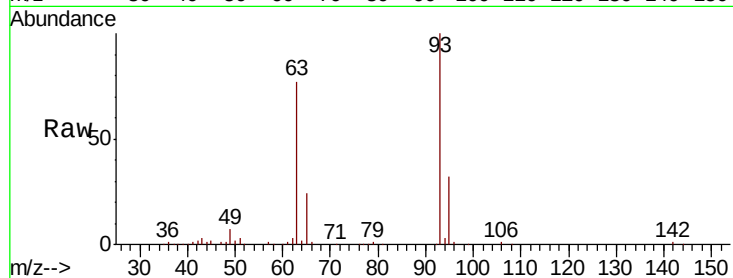
Tot Ion: 93 Resp: 227042

Ion Ratio Lower Upper

93 100

63 77.3 53.4 93.4

95 32.5 12.1 52.1



#12

1,3-Dichlorobenzene

Concen: 41.248 ng

RT: 6.90 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF110457.D

Acq: 5 Nov 2018 11:39

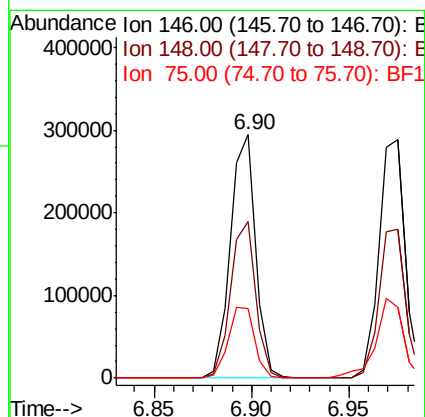
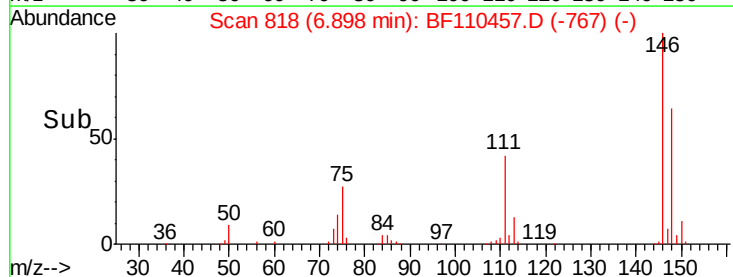
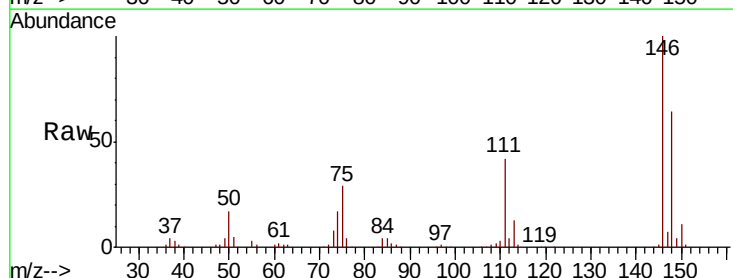
Tgt Ion: 146 Resp: 265404

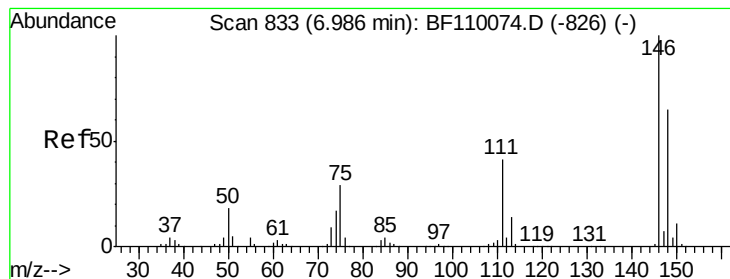
Ion Ratio Lower Upper

146 100

148 64.2 50.4 75.6

75 28.6 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 41.369 ng

RT: 6.97 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF110457.D

Acq: 5 Nov 2018 11:39

Instrument :

BNA_F

ClientSampleId :

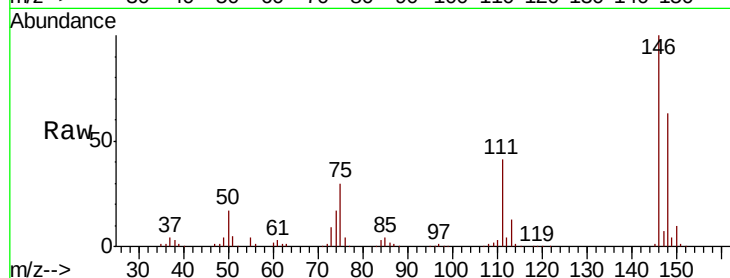
Tot Ion:146 Resp: 269208

Ion Ratio Lower Upper

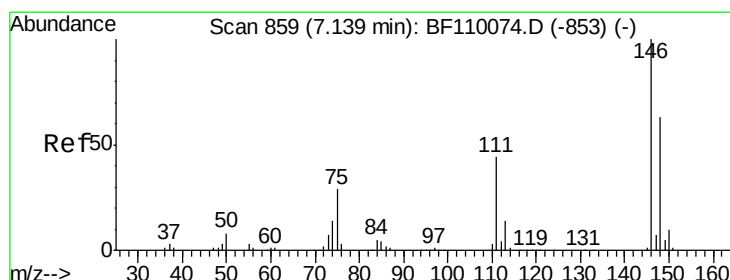
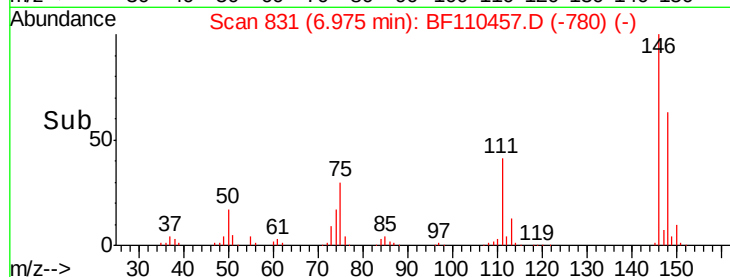
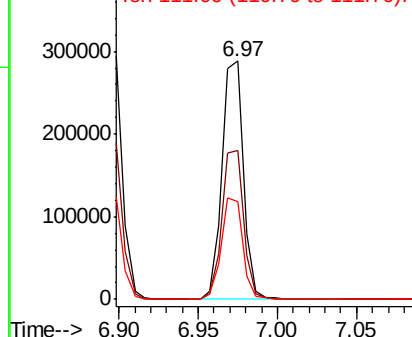
146 100

148 62.7 50.3 75.5

111 41.1 32.7 49.1



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



#14

1,2-Dichlorobenzene

Concen: 42.235 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF110457.D

Acq: 5 Nov 2018 11:39

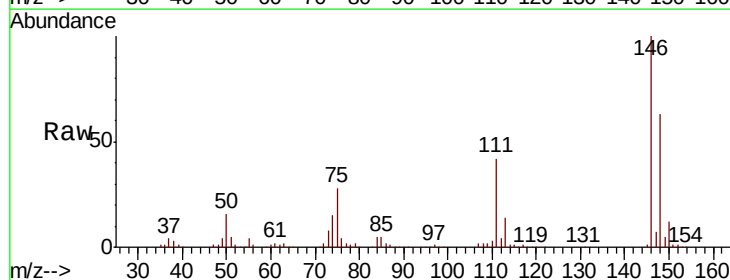
Tgt Ion:146 Resp: 255145

Ion Ratio Lower Upper

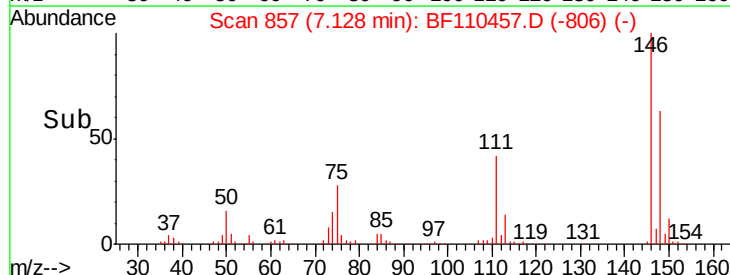
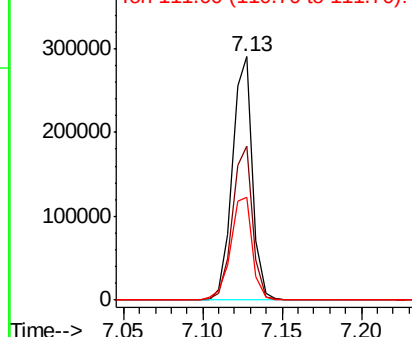
146 100

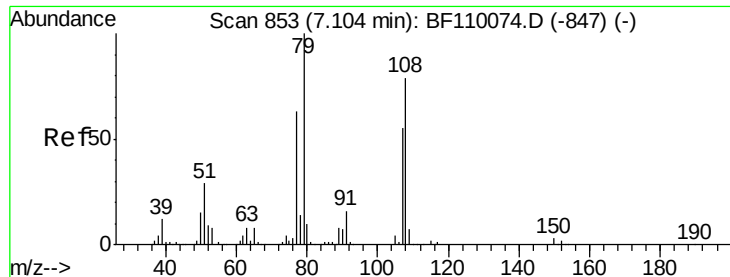
148 63.2 51.1 76.7

111 42.2 35.8 53.6



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





#15

Benzyl Alcohol

Concen: 42.147 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF110457.D

Acq: 5 Nov 2018 11:39

Instrument :

BNA_F

ClientSampled :

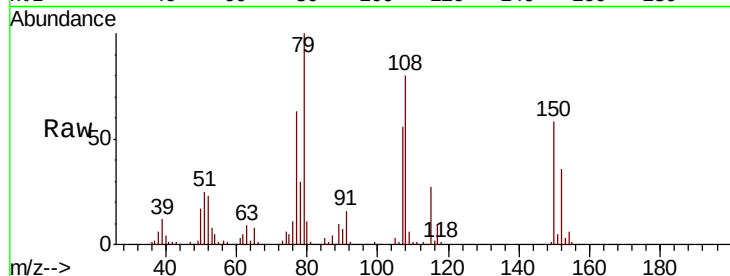
Tot Ion: 79 Resp: 210275

Ion Ratio Lower Upper

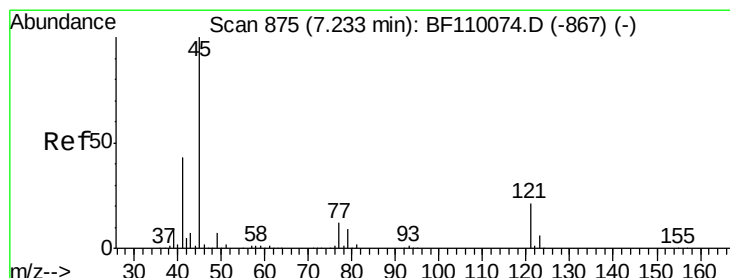
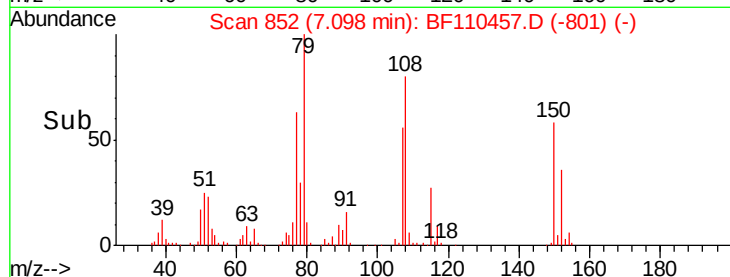
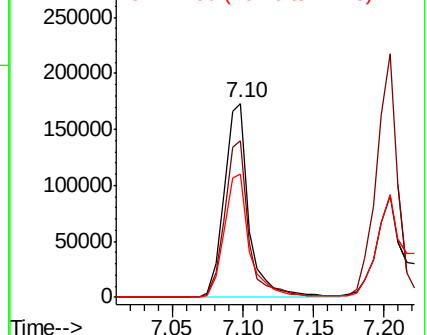
79 100

108 80.5 56.3 84.5

77 63.2 52.9 79.3



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.022 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF110457.D

Acq: 5 Nov 2018 11:39

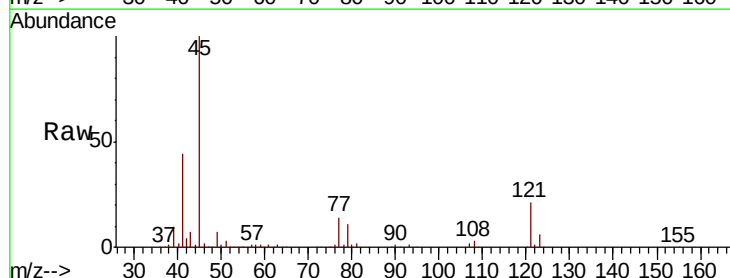
Tgt Ion: 45 Resp: 374158

Ion Ratio Lower Upper

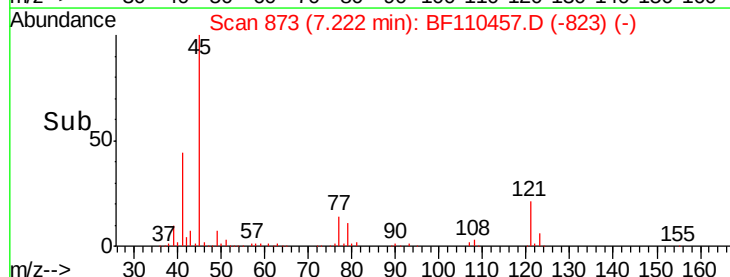
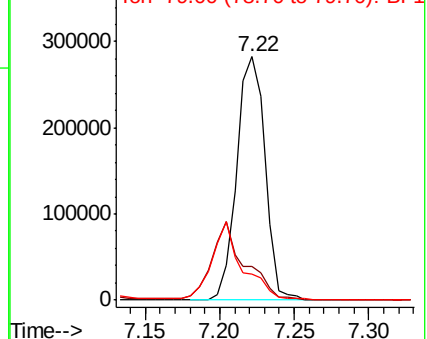
45 100

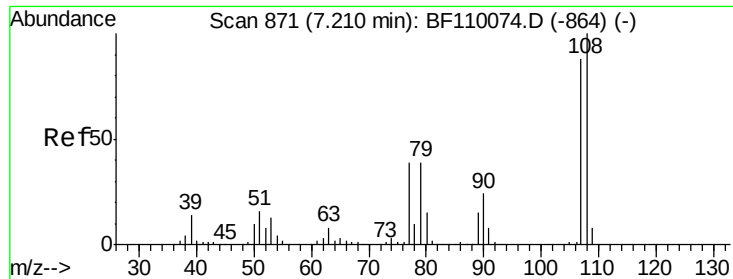
77 13.7 10.0 50.0

79 10.7 6.1 46.1



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

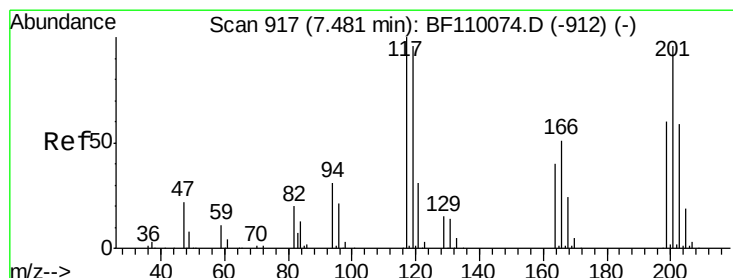
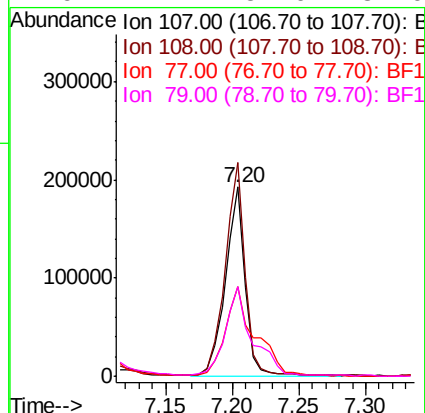
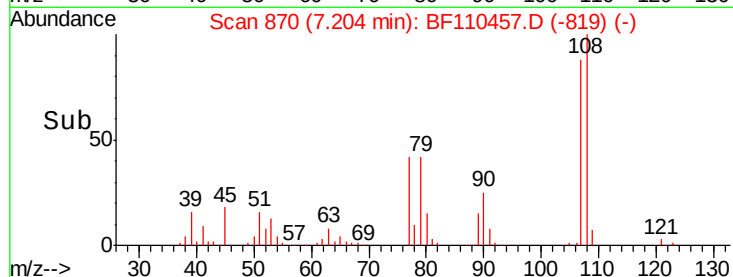
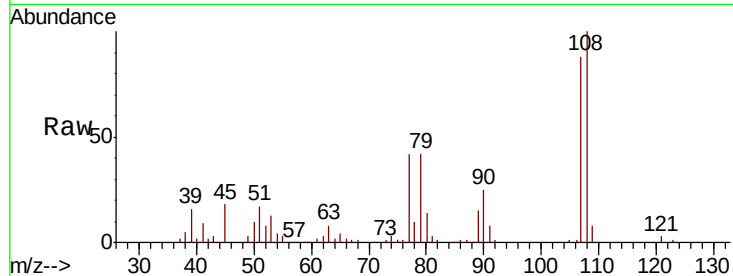




#17
2-Methylphenol
Concen: 43.254 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

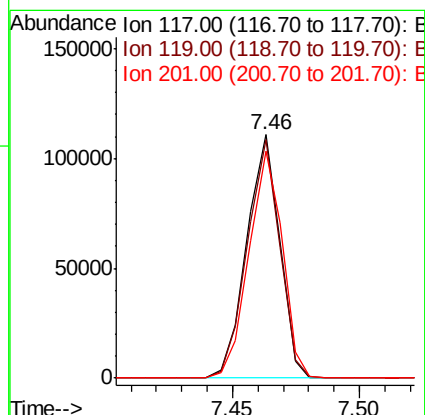
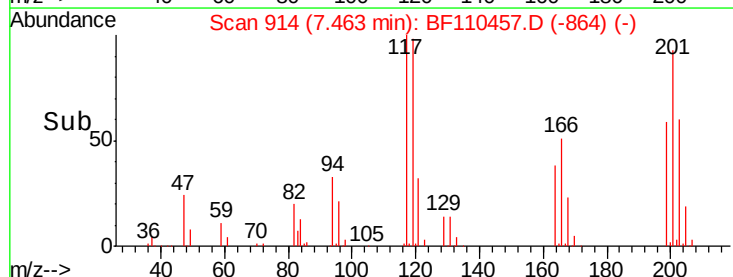
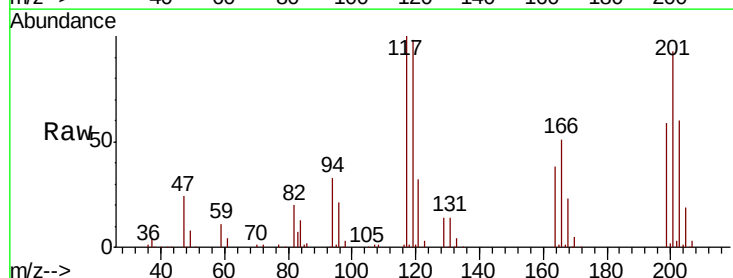
Instrument :
BNA_F
ClientSampleId :

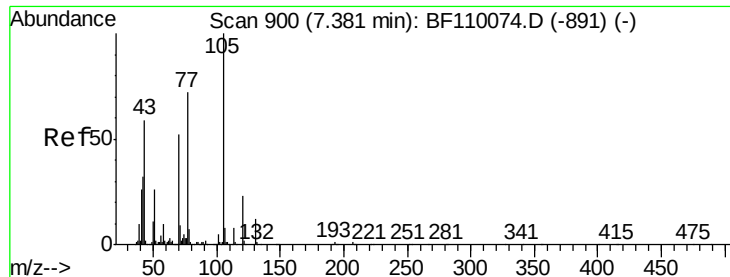
Tot Ion:107 Resp: 201550
Ion Ratio Lower Upper
107 100
108 113.1 92.6 138.8
77 47.7 59.4 89.2#
79 47.4 54.0 81.0#



#18
Hexachloroethane
Concen: 42.145 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Tgt Ion:117 Resp: 100410
Ion Ratio Lower Upper
117 100
119 97.8 75.0 112.6
201 93.3 79.2 118.8

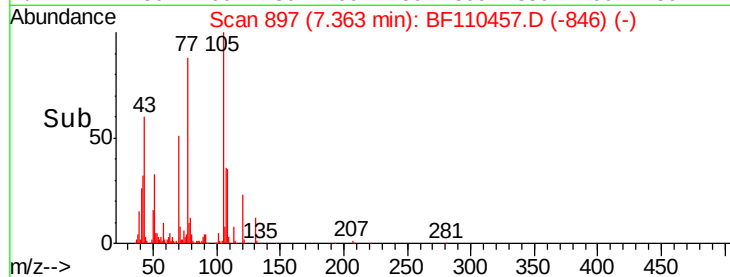
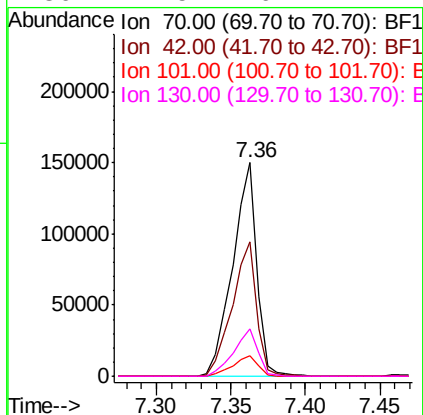
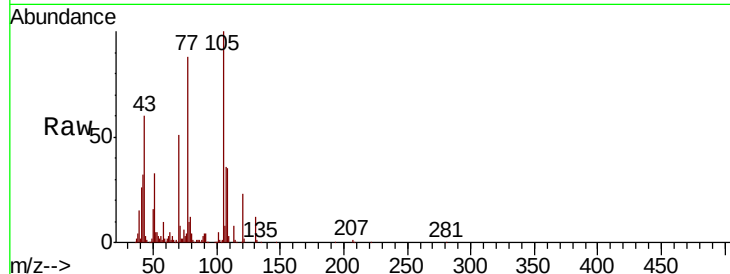




#19
n-Nitroso-di-n-propylamine
Concen: 40.960 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

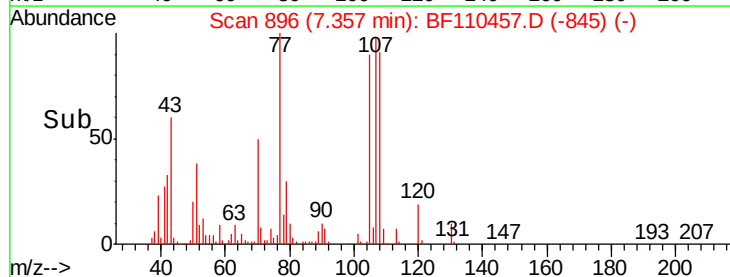
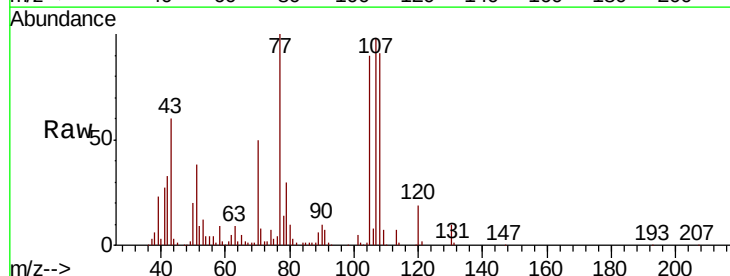
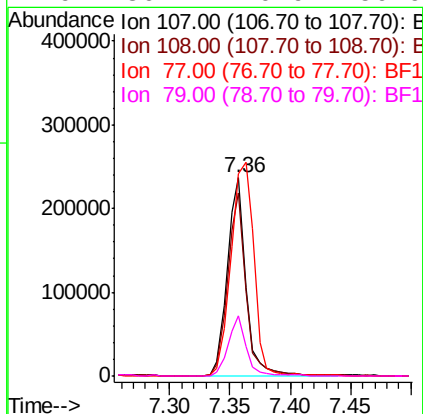
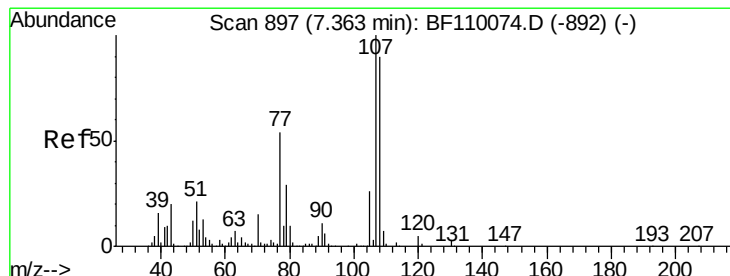
Instrument :
BNA_F
ClientSampleId :

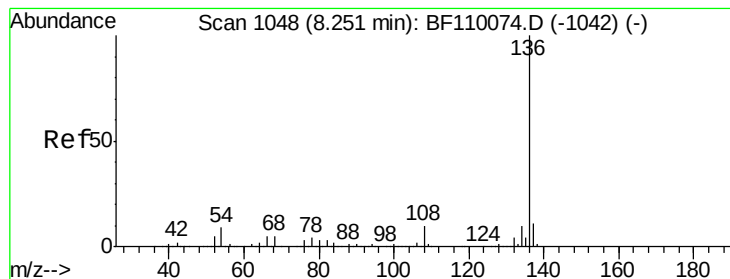
Tot Ion: 70 Resp: 170456
Ion Ratio Lower Upper
70 100
42 63.0 47.4 71.2
101 9.8 7.3 10.9
130 22.5 16.2 24.2



#20
3+4-Methylphenols
Concen: 41.472 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Tgt Ion:107 Resp: 249797
Ion Ratio Lower Upper
107 100
108 92.4 71.4 111.4
77 102.0 47.3 87.3#
79 30.4 10.9 50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF110457.D

Acq: 5 Nov 2018 11:39

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 350952

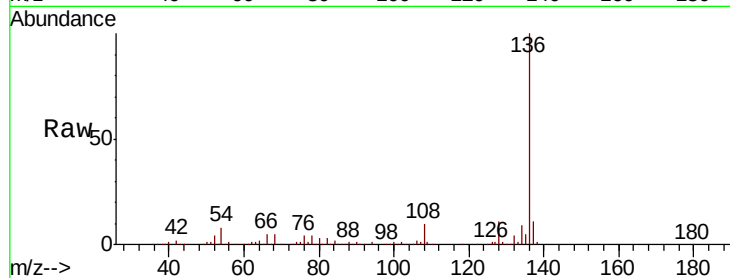
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 7.9 5.4 8.2

68 5.1 4.2 6.2

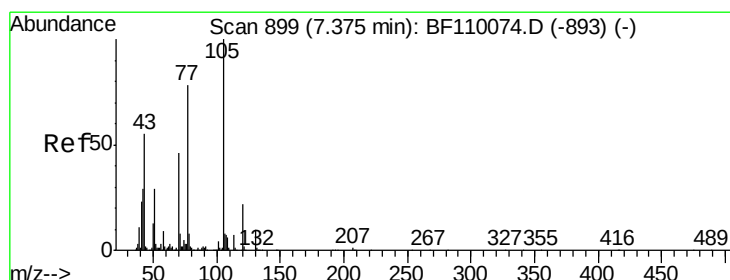
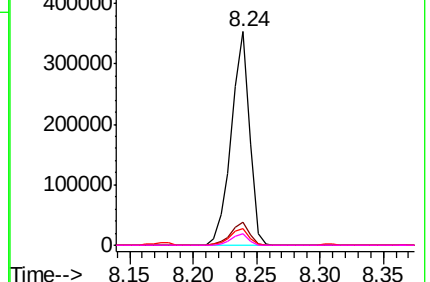
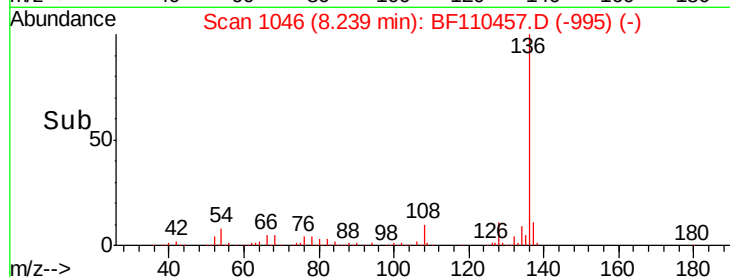


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 42.638 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF110457.D

Acq: 5 Nov 2018 11:39

Tgt Ion:105 Resp: 344804

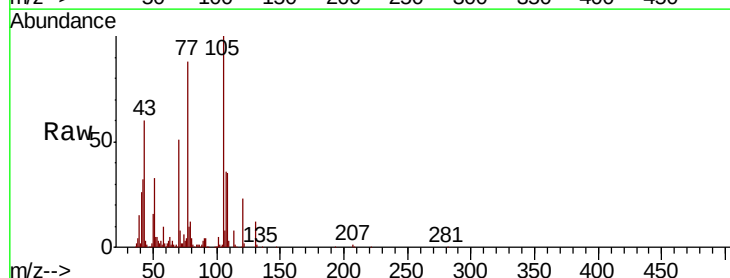
Ion Ratio Lower Upper

105 100

71 8.4 5.2 7.8#

51 33.3 21.8 32.8#

120 22.5 17.0 25.4

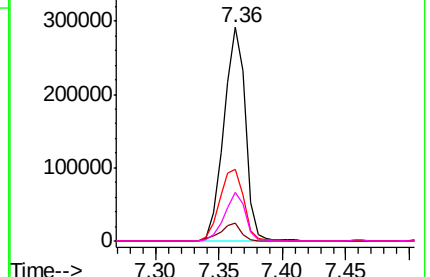
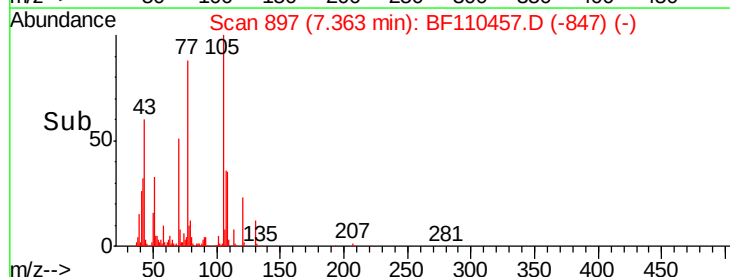


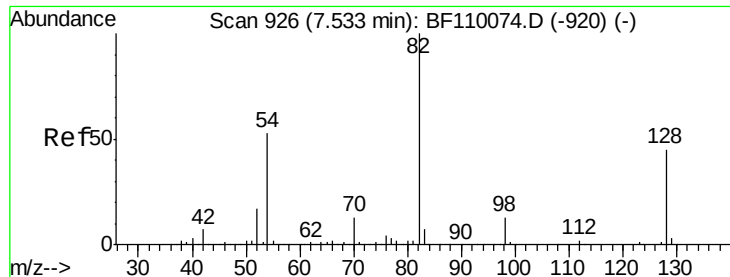
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

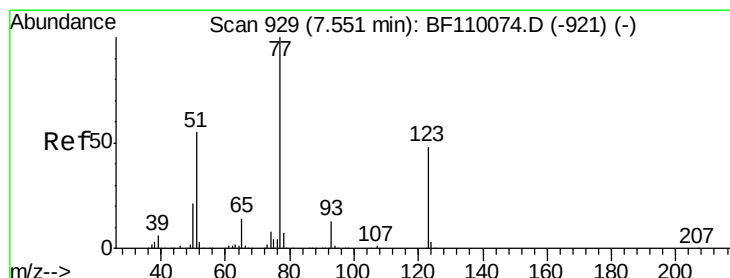
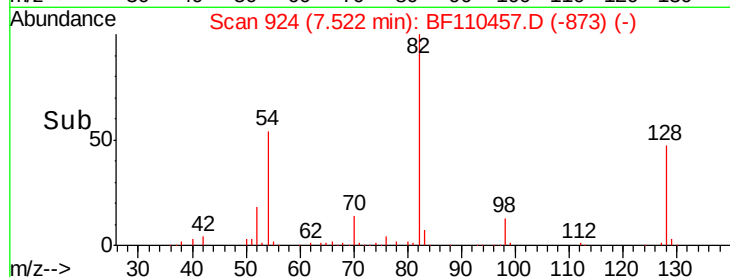
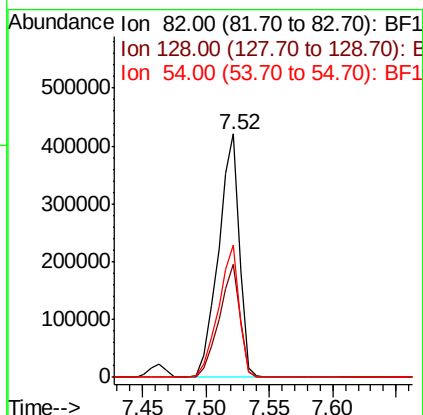
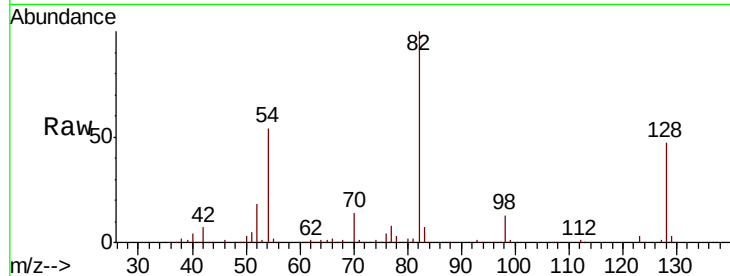




#23
 Nitrobenzene-d5
 Concen: 82.084 ng
 RT: 7.52 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BF110457.D
 Acq: 5 Nov 2018 11:39

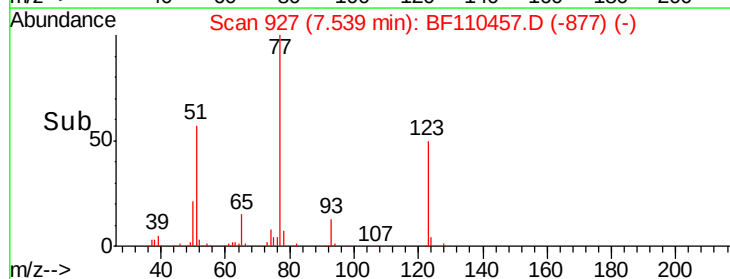
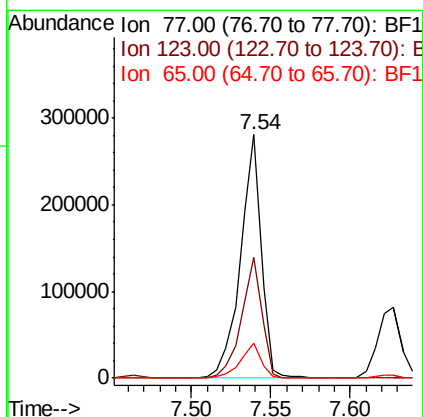
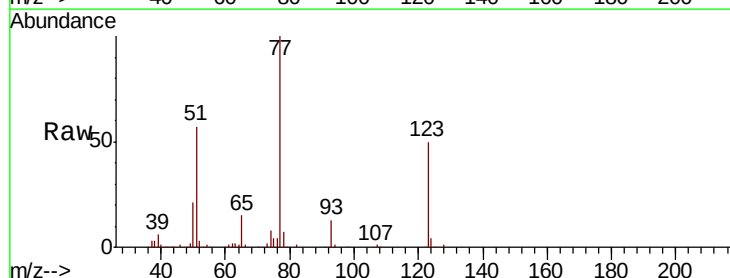
Instrument :
 BNA_F
 ClientSampleId :

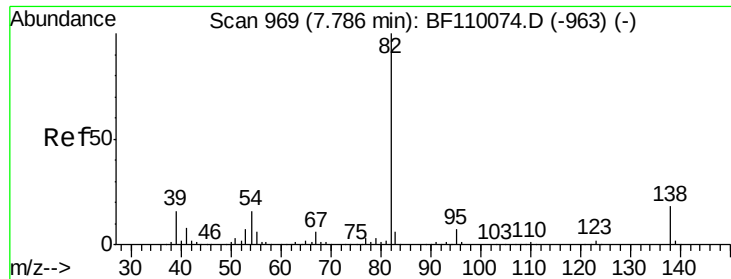
Tot Ion: 82 Resp: 485688
 Ion Ratio Lower Upper
 82 100
 128 46.7 34.2 51.2
 54 54.3 38.6 58.0



#24
 Nitrobenzene
 Concen: 41.649 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: BF110457.D
 Acq: 5 Nov 2018 11:39

Tgt Ion: 77 Resp: 254425
 Ion Ratio Lower Upper
 77 100
 123 49.8 35.7 53.5
 65 14.5 10.7 16.1

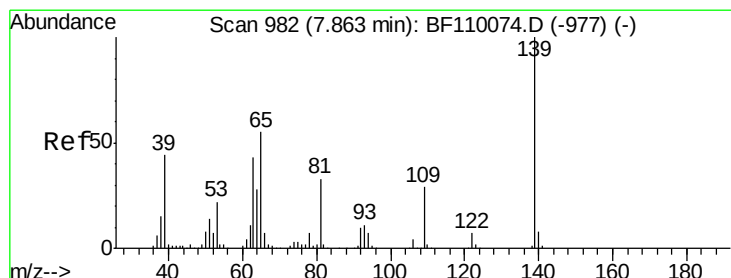
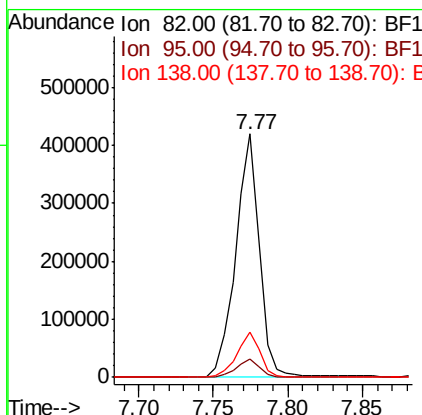
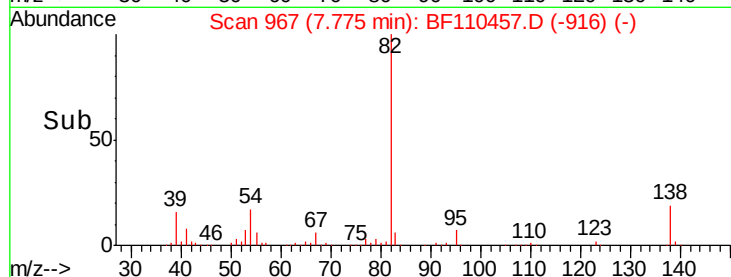
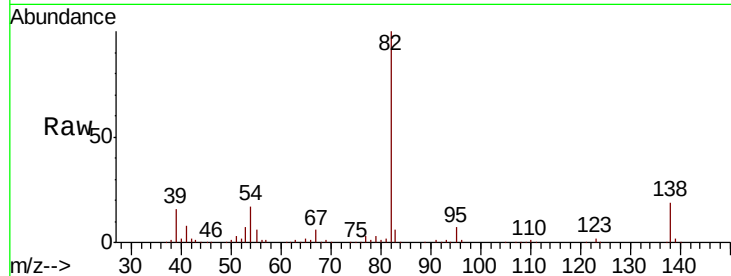




#25
Isophorone
Concen: 46.555 ng
RT: 7.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

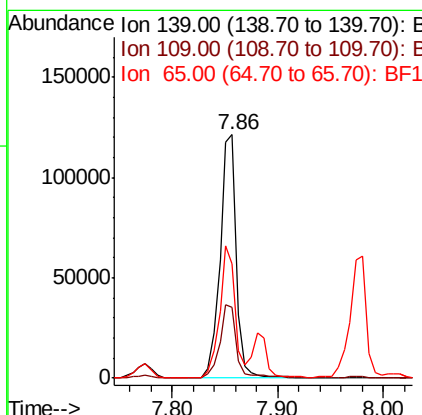
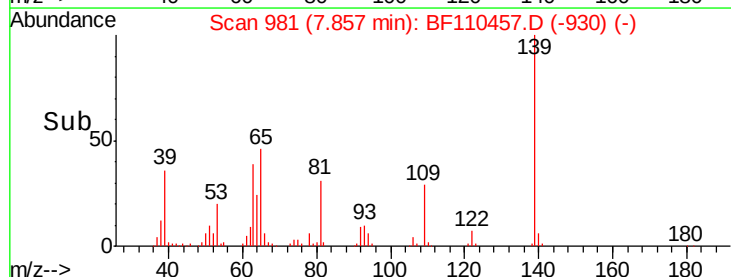
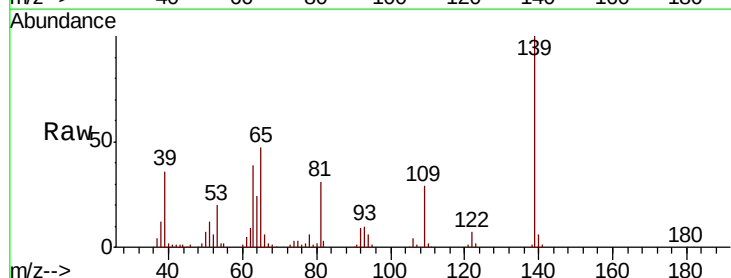
Instrument :
BNA_F
ClientSampled :

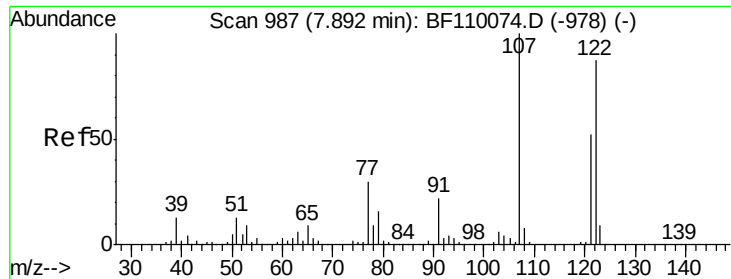
Tot Ion: 82 Resp: 469552
Ion Ratio Lower Upper
82 100
95 7.4 5.7 8.5
138 18.7 13.2 19.8



#26
2-Nitrophenol
Concen: 45.302 ng
RT: 7.86 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Tgt Ion:139 Resp: 131690
Ion Ratio Lower Upper
139 100
109 29.0 25.0 37.6
65 46.7 44.0 66.0

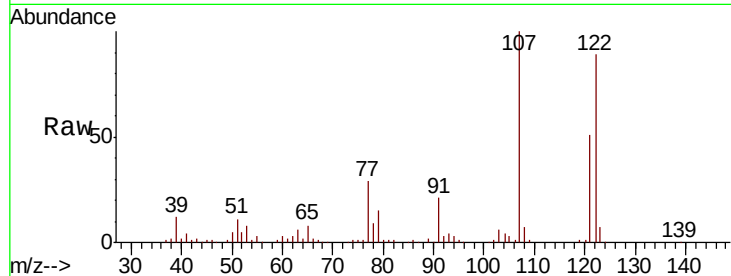




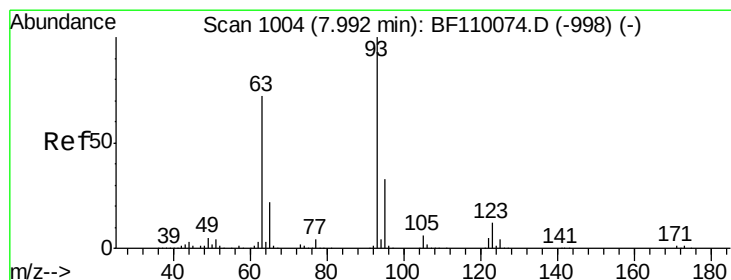
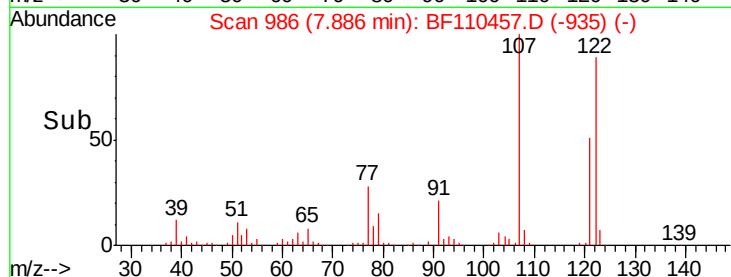
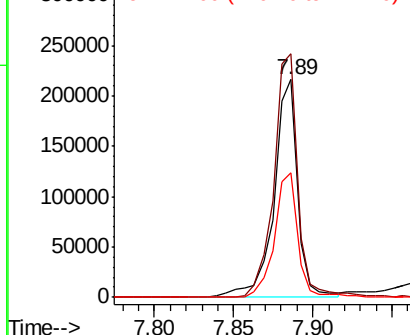
#27
2,4-Dimethylphenol
Concen: 46.849 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 225792
Ion Ratio Lower Upper
122 100
107 112.0 92.5 138.7
121 57.4 45.8 68.8

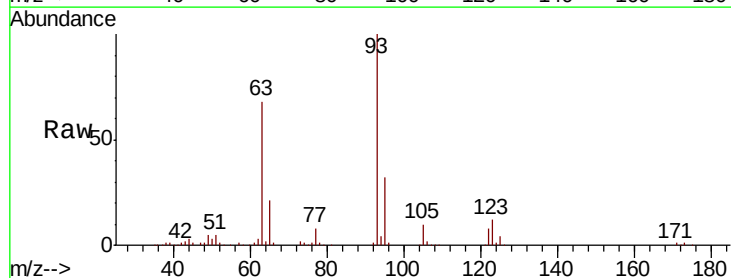


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

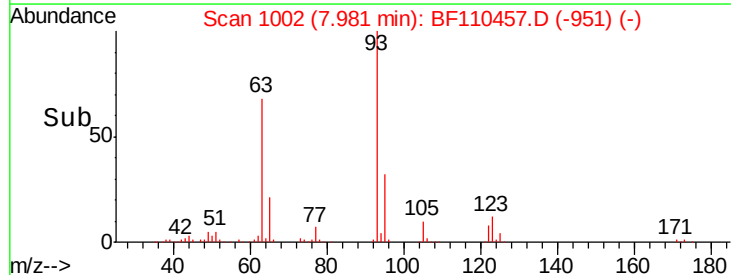
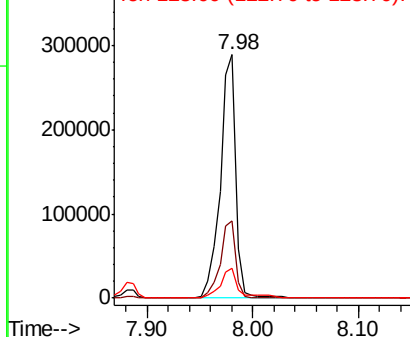


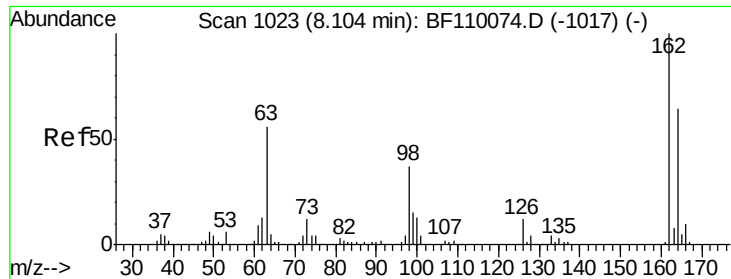
#28
bis(2-Chloroethoxy)methane
Concen: 43.486 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Tgt Ion: 93 Resp: 297960
Ion Ratio Lower Upper
93 100
95 31.8 26.4 39.6
123 12.0 9.0 13.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E

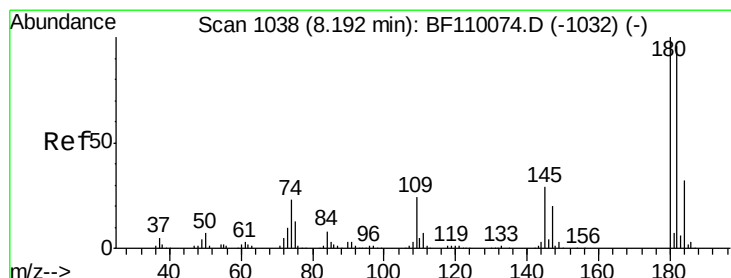
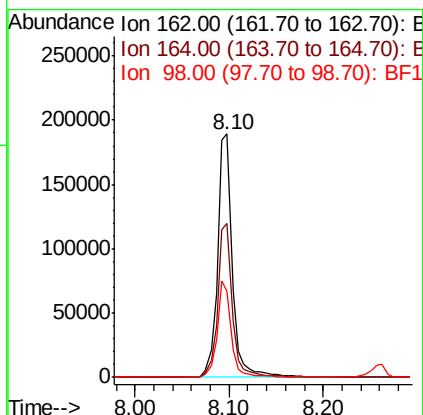
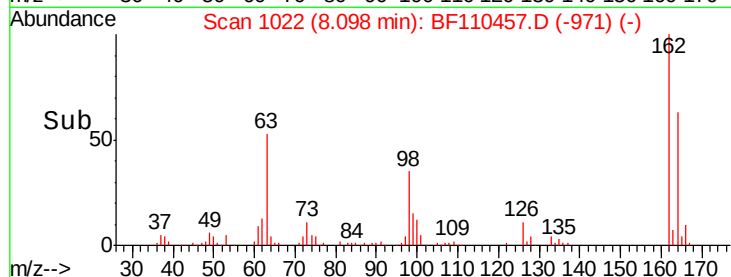
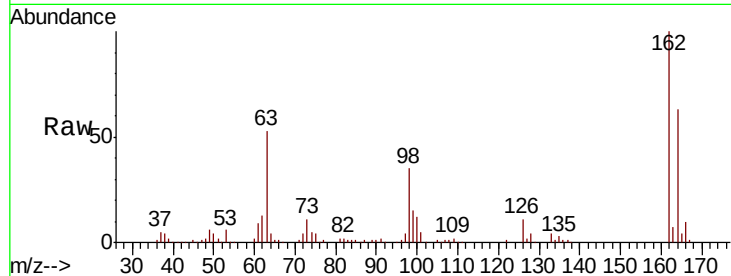




#29
2,4-Dichlorophenol
Concen: 42.901 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

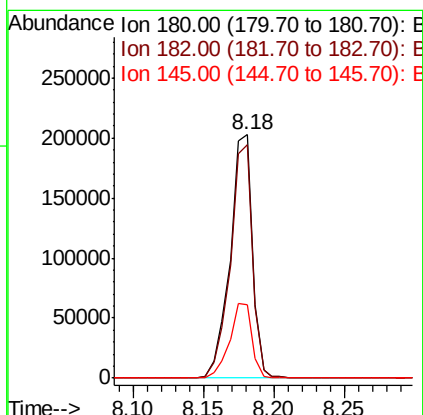
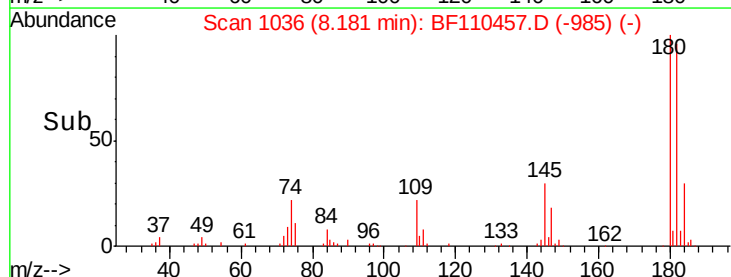
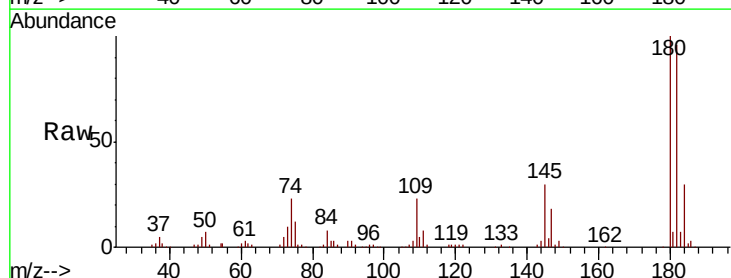
Instrument :
BNA_F
ClientSampleId :

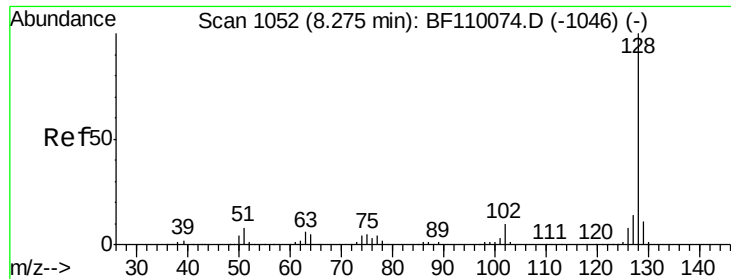
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	44.6	84.6
98	35.3	17.4	57.4



#30
1,2,4-Trichlorobenzene
Concen: 41.107 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	80.3	120.5
145	30.1	25.4	38.0

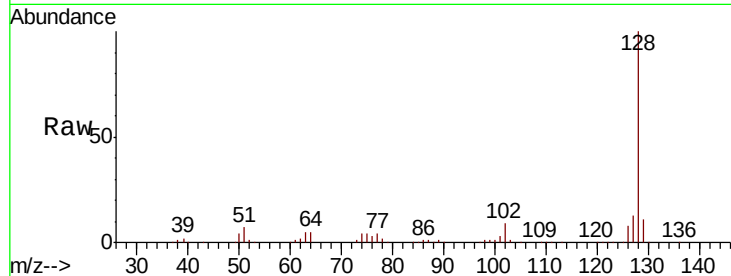




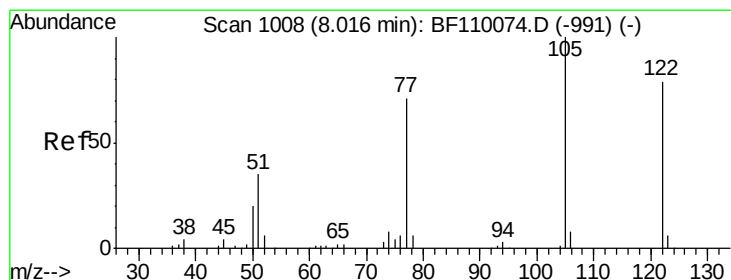
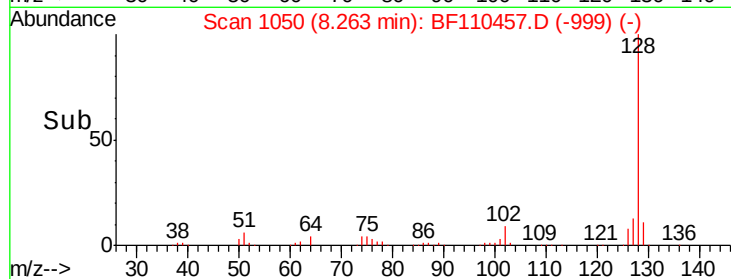
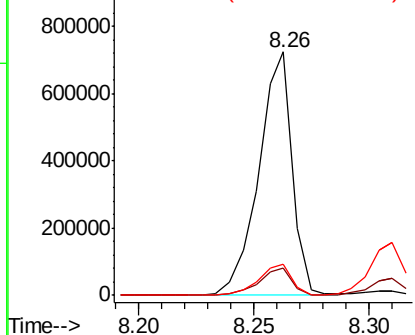
#31
Naphthalene
Concen: 44.938 ng
RT: 8.26 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 726865
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.0 10.8 16.2

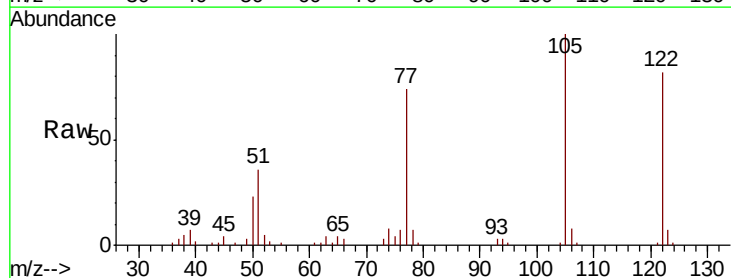


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

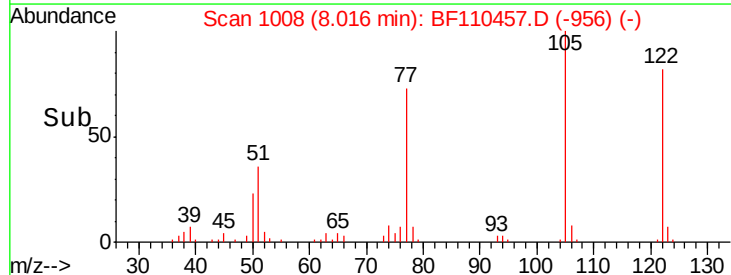
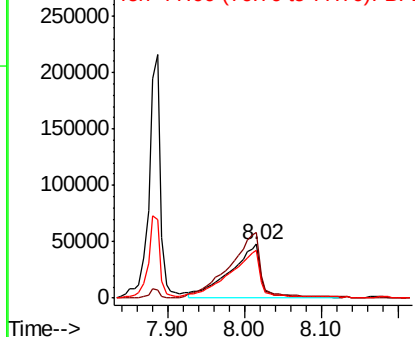


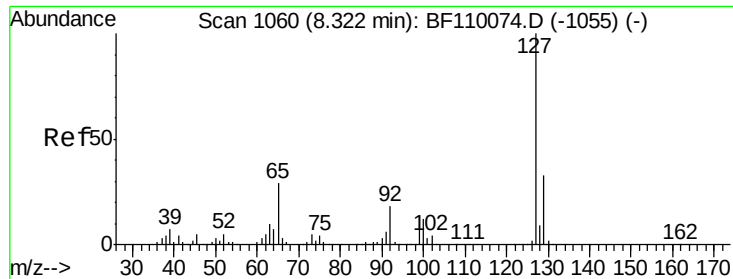
#32
Benzoic acid
Concen: 35.391 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.01 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Tgt Ion:122 Resp: 131830
Ion Ratio Lower Upper
122 100
105 121.4 109.0 149.0
77 89.8 79.0 119.0



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

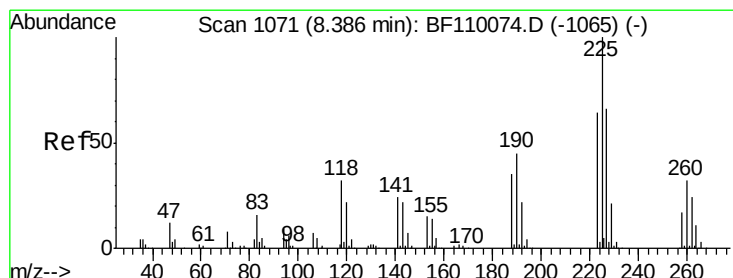
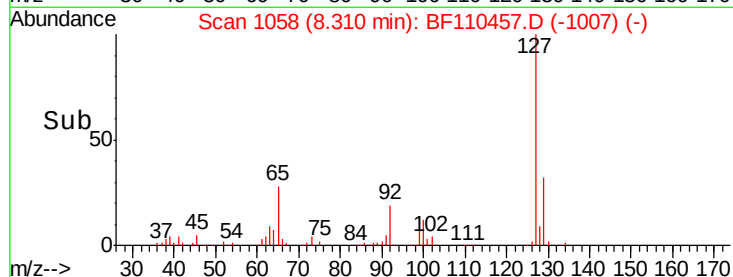
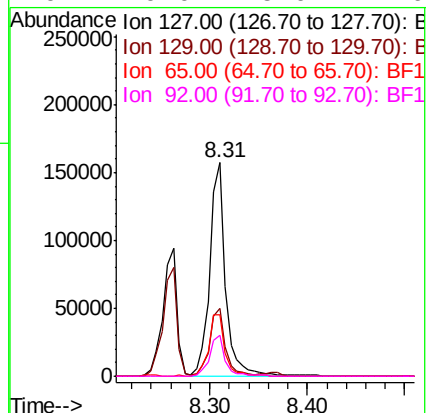
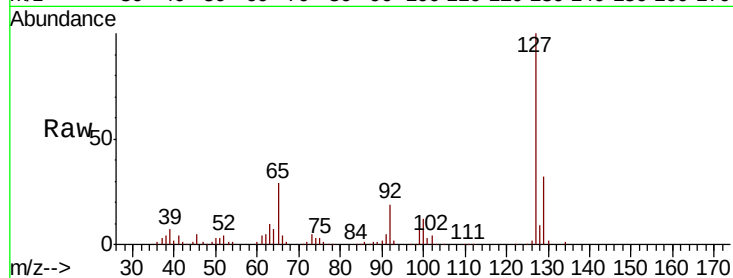




#33
4-Chloroaniline
Concen: 24.528 ng
RT: 8.31 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

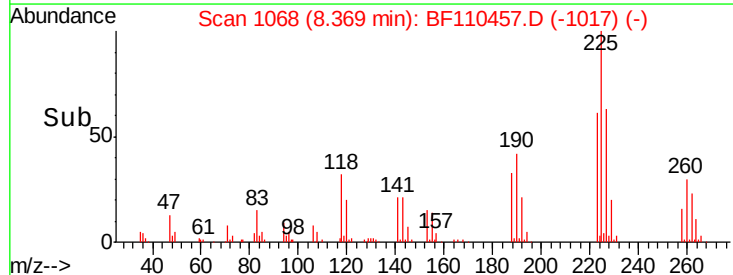
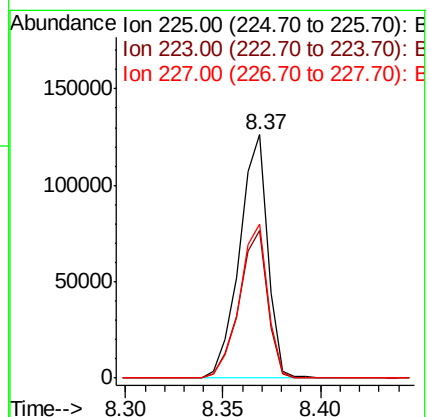
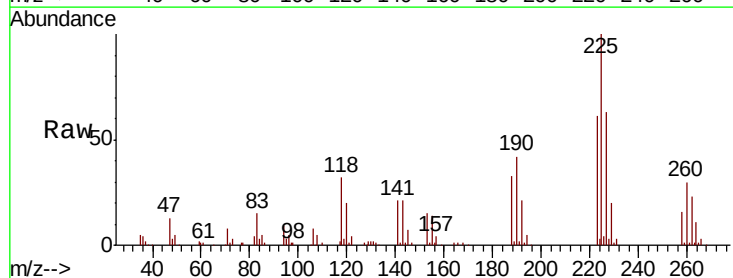
Instrument :
BNA_F
ClientSampled :

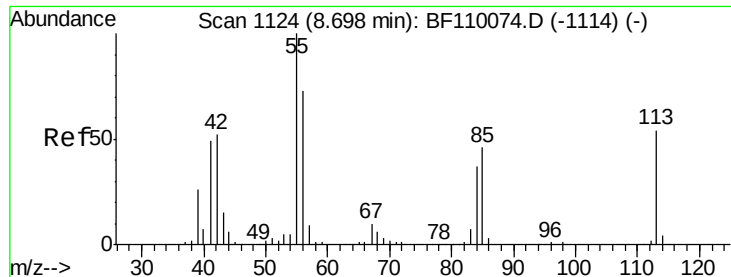
Tot Ion:	127	Resp:	178557
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.0	39.0
65	29.0	25.1	37.7
92	19.0	15.0	22.6



#34
Hexachlorobutadiene
Concen: 41.835 ng
RT: 8.37 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Tgt Ion:	225	Resp:	126689
Ion	Ratio	Lower	Upper
225	100		
223	60.8	51.4	77.2
227	63.1	51.0	76.6





#35

Caprolactam

Concen: 21.264 ng

RT: 8.73 min Scan# 1130

Delta R.T. 0.05 min

Lab File: BF110457.D

Acq: 5 Nov 2018 11:39

Instrument :

BNA_F

ClientSampleId :

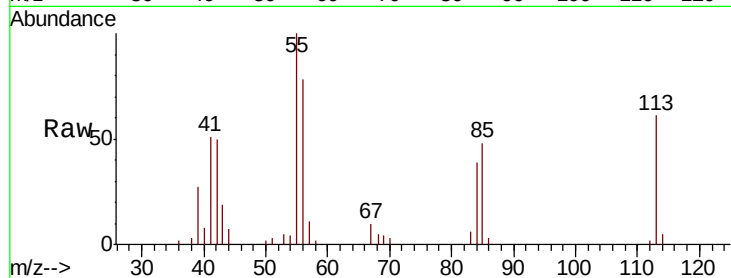
Tot Ion:113 Resp: 36088

Ion Ratio Lower Upper

113 100

55 164.6 142.8 182.8

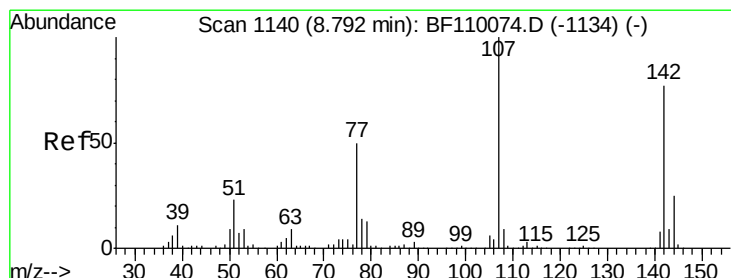
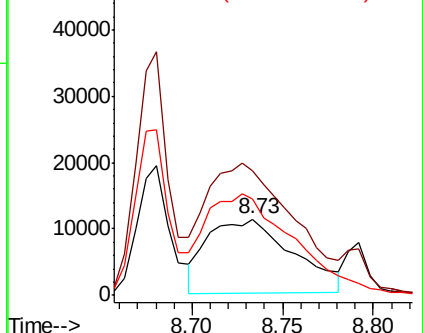
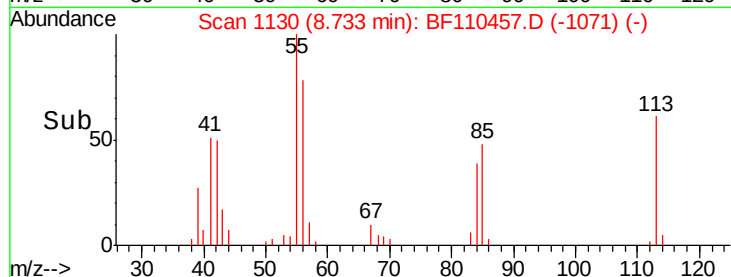
56 127.6 105.0 145.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 42.638 ng

RT: 8.79 min Scan# 1140

Delta R.T. 0.01 min

Lab File: BF110457.D

Acq: 5 Nov 2018 11:39

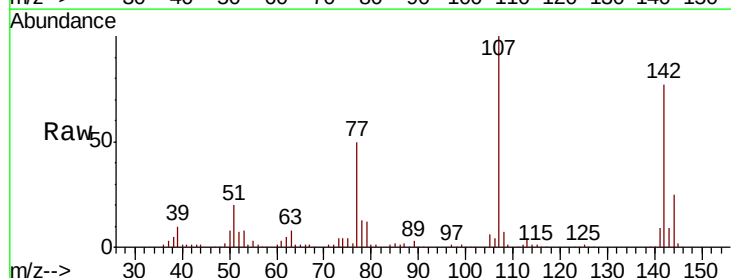
Tgt Ion:107 Resp: 224506

Ion Ratio Lower Upper

107 100

144 25.0 20.0 30.0

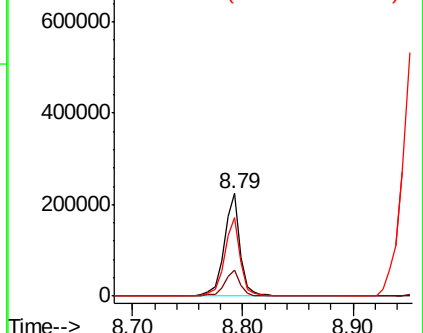
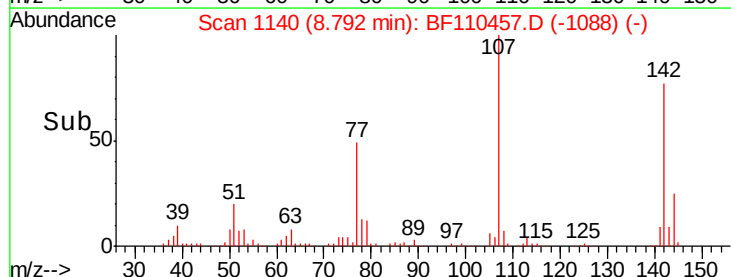
142 77.0 59.7 89.5

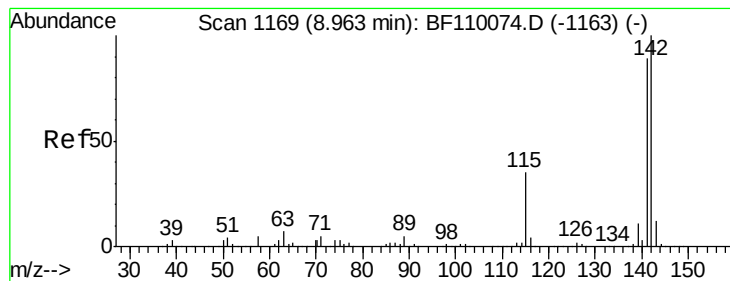


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 47.018 ng

RT: 8.95 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF110457.D

Acq: 5 Nov 2018 11:39

Instrument :

BNA_F

ClientSampleId :

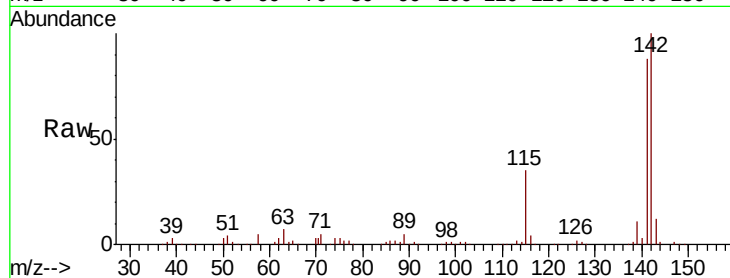
Tot Ion:142 Resp: 503183

Ion Ratio Lower Upper

142 100

141 88.2 71.4 107.2

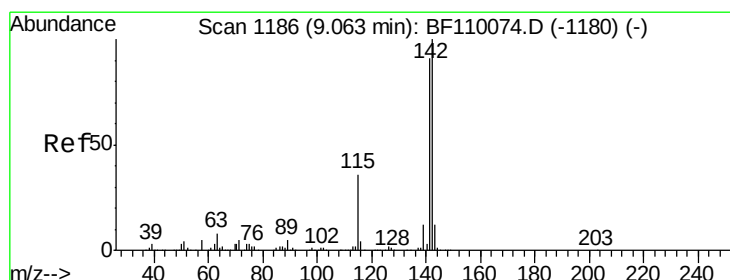
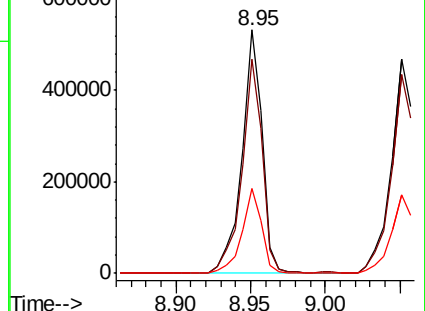
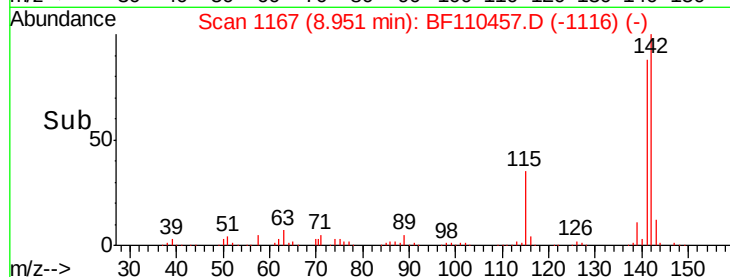
115 34.8 28.7 43.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 45.281 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BF110457.D

Acq: 5 Nov 2018 11:39

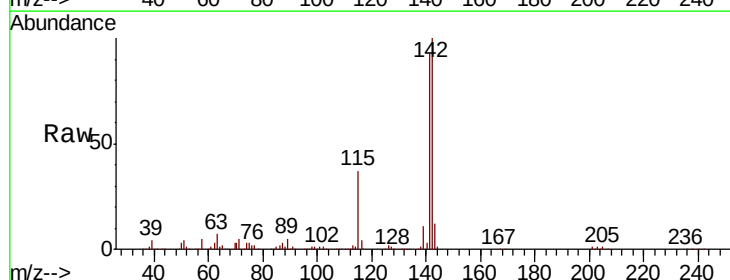
Tgt Ion:142 Resp: 468289

Ion Ratio Lower Upper

142 100

141 92.9 74.2 111.4

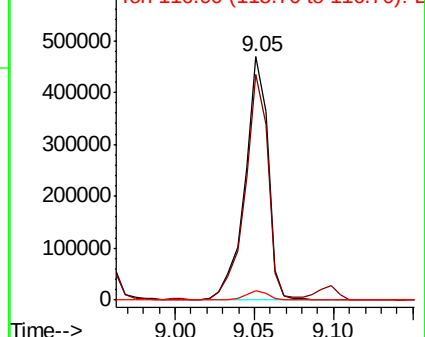
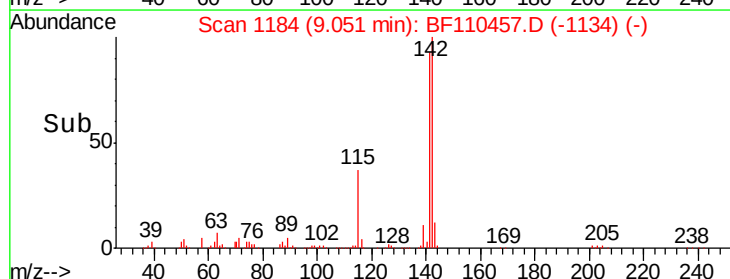
116 3.7 2.6 4.0

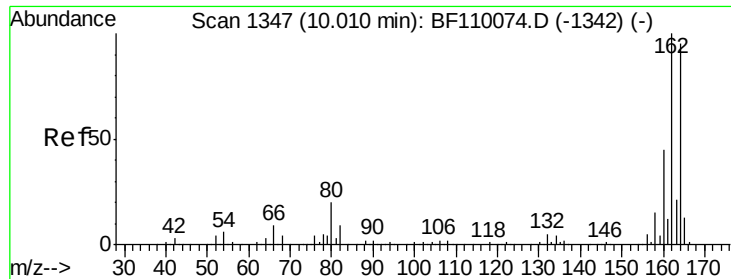


Abundance Ion 142.00 (141.70 to 142.70): E

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: 10.00 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BF110457.D

Acq: 5 Nov 2018 11:39

Instrument :

BNA_F

ClientSampleId :

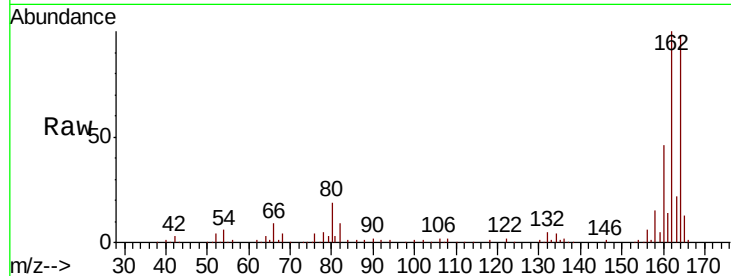
Tot Ion:164 Resp: 166361

Ion Ratio Lower Upper

164 100

162 101.9 83.0 124.6

160 46.5 37.0 55.6

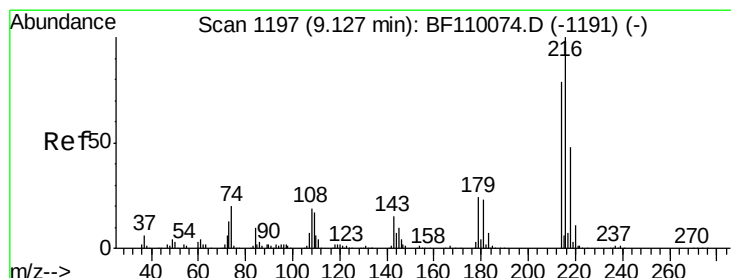
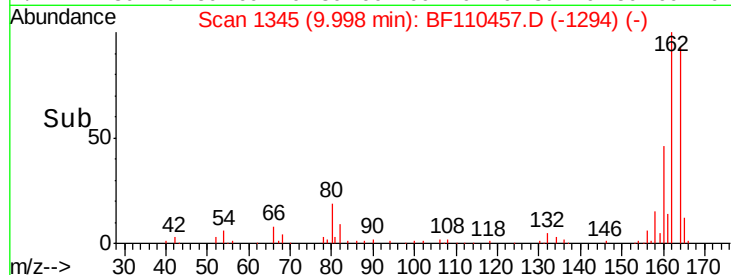
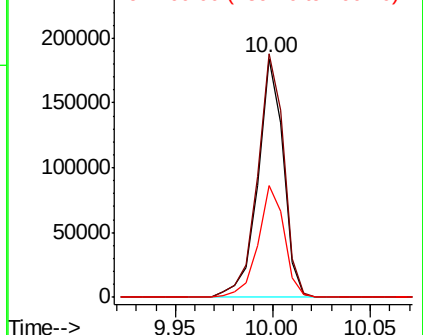


Abundance

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: 41.687 ng

RT: 9.12 min Scan# 1196

Delta R.T. 0.00 min

Lab File: BF110457.D

Acq: 5 Nov 2018 11:39

Tgt Ion:216 Resp: 216083

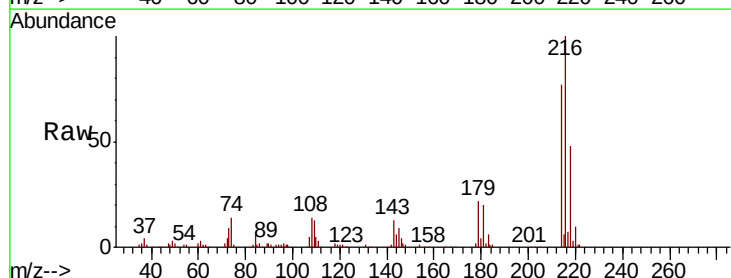
Ion Ratio Lower Upper

216 100

214 77.4 63.8 95.6

179 22.7 16.6 25.0

108 20.5 15.1 22.7



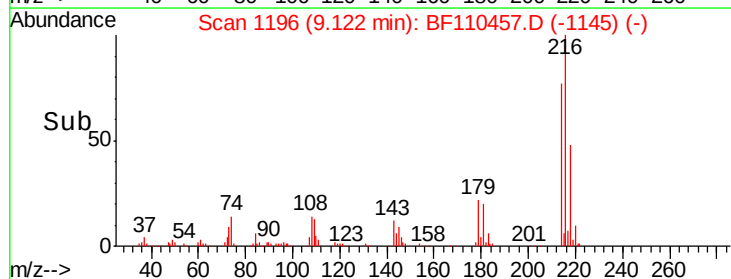
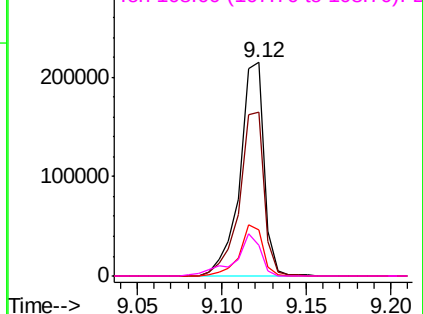
Abundance

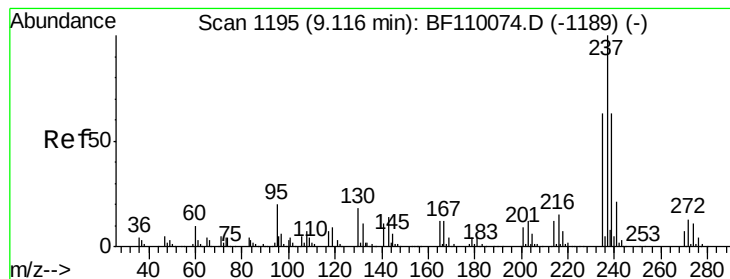
Ion 216.00 (215.70 to 216.70): E

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: 74.747 ng

RT: 9.10 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BF110457.D

Acq: 5 Nov 2018 11:39

Instrument :

BNA_F

ClientSampleId :

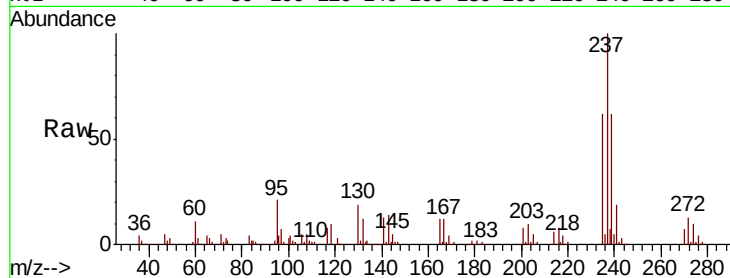
Tot Ion:237 Resp: 198115

Ion Ratio Lower Upper

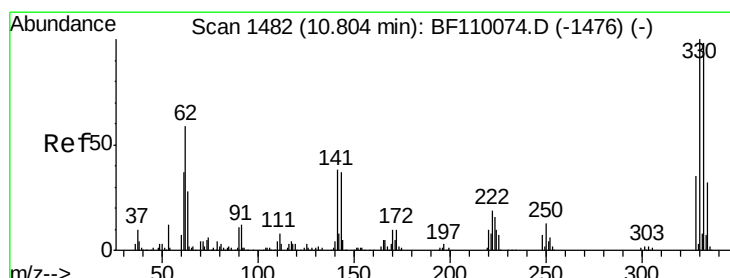
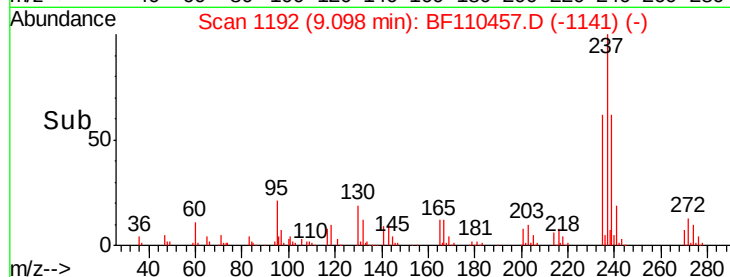
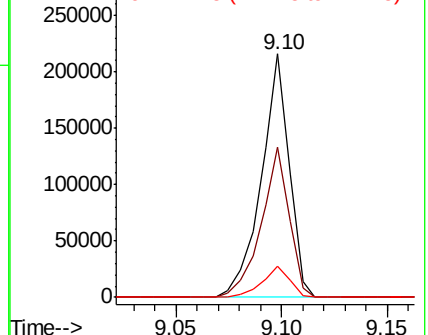
237 100

235 61.6 43.1 83.1

272 12.8 0.0 32.6



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: 149.015 ng

RT: 10.80 min Scan# 1481

Delta R.T. 0.01 min

Lab File: BF110457.D

Acq: 5 Nov 2018 11:39

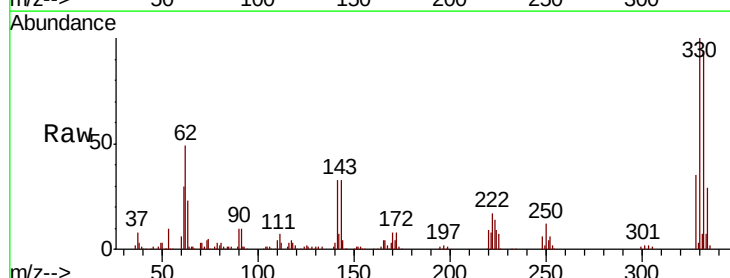
Tgt Ion:330 Resp: 245564

Ion Ratio Lower Upper

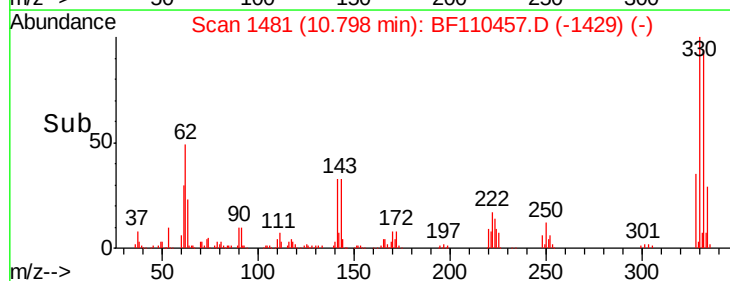
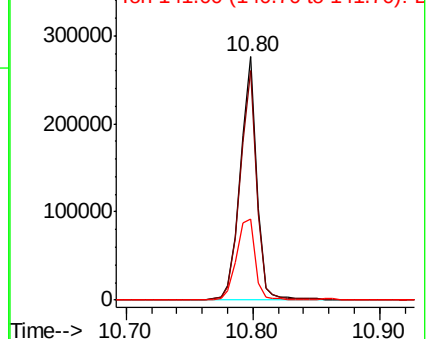
330 100

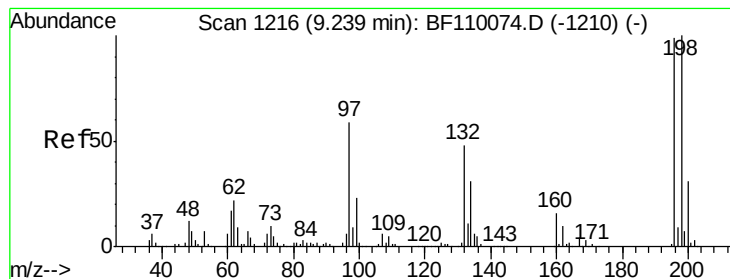
332 95.7 77.1 115.7

141 37.9 27.0 40.4



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: 41.302 ng

RT: 9.23 min Scan# 1215

Delta R.T. 0.00 min

Lab File: BF110457.D

Acq: 5 Nov 2018 11:39

Instrument :

BNA_F

ClientSampled :

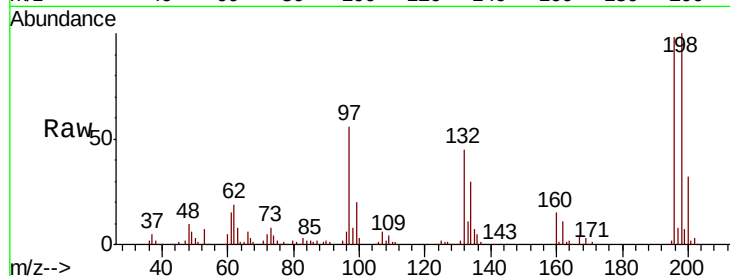
Tot Ion:196 Resp: 138083

Ion Ratio Lower Upper

196 100

198 102.1 76.2 114.4

200 32.2 24.4 36.6

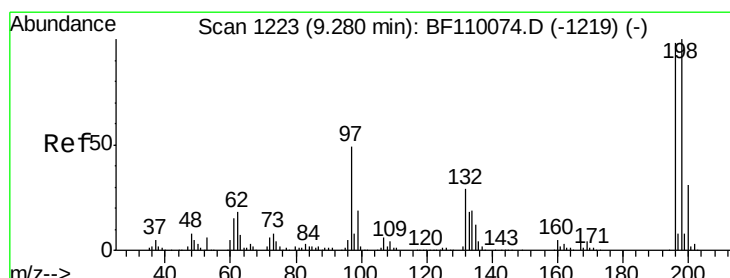
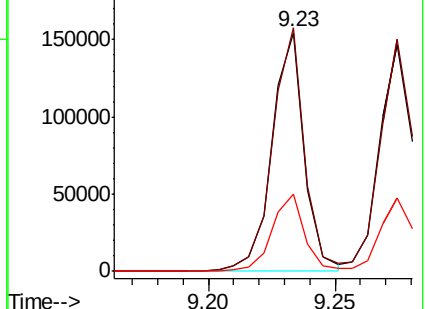
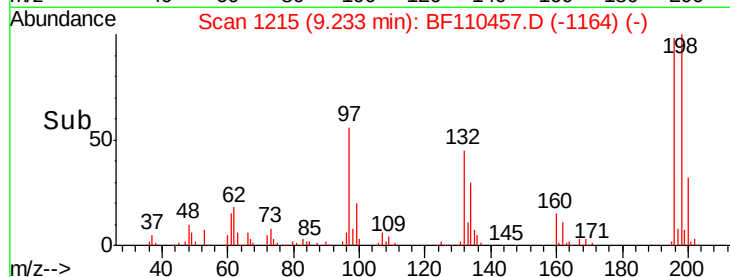


Abundance

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: 43.037 ng

RT: 9.27 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BF110457.D

Acq: 5 Nov 2018 11:39

Tgt Ion:196 Resp: 152092

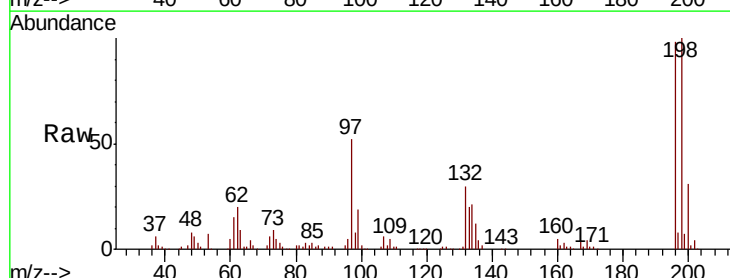
Ion Ratio Lower Upper

196 100

198 102.5 75.8 113.6

97 53.5 42.4 63.6

132 30.9 22.8 34.2



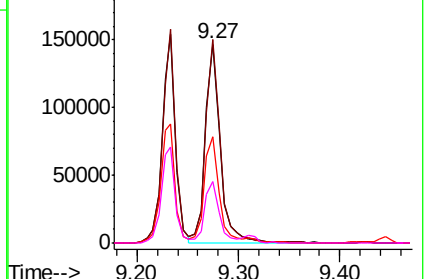
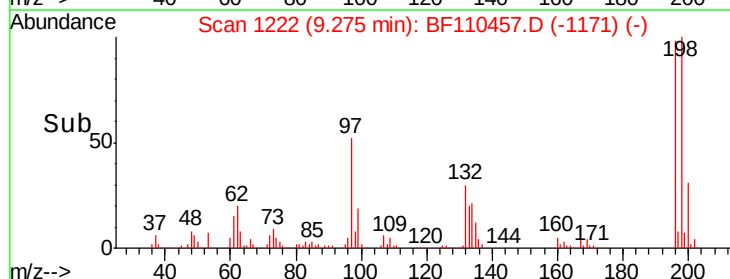
Abundance

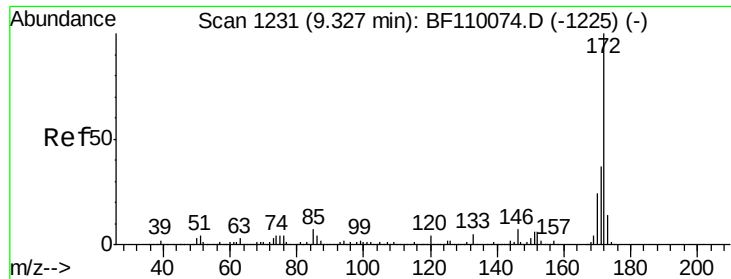
Ion 196.00 (195.70 to 196.70): E

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

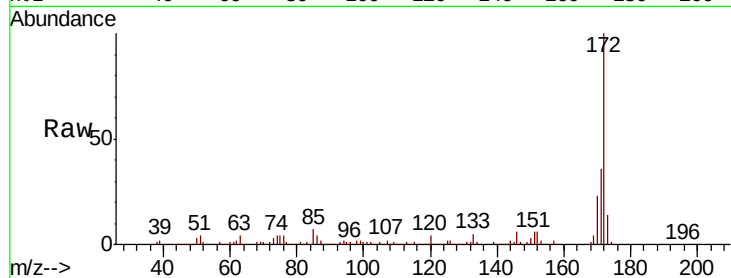




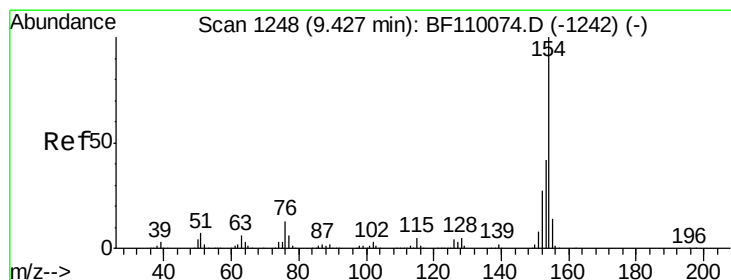
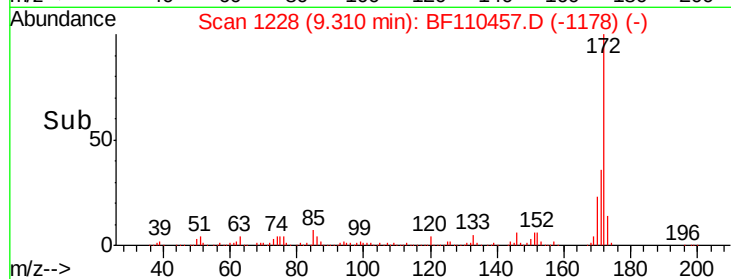
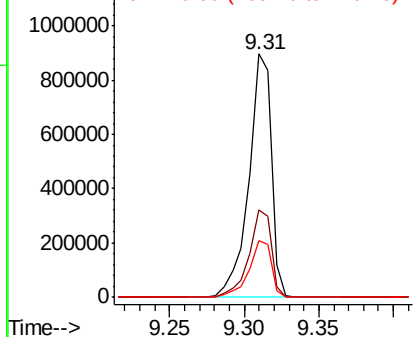
#45
2-Fluorobiphenyl
Concen: 87.949 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 931778
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 23.4 19.7 29.5

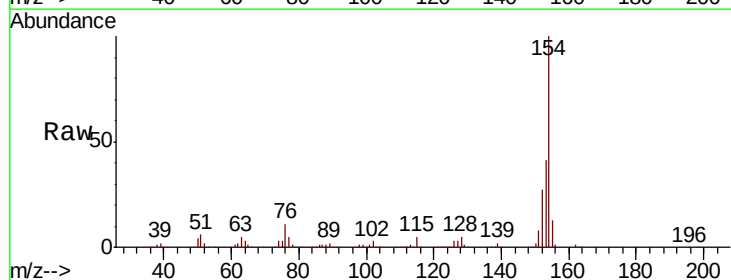


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

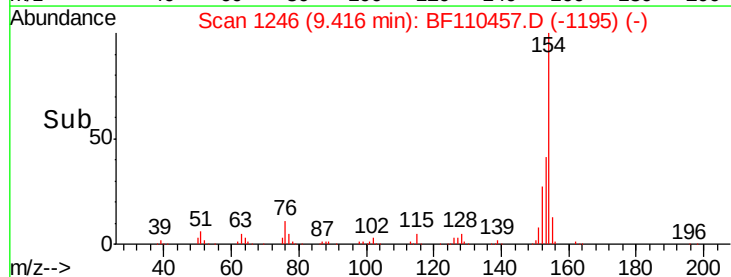
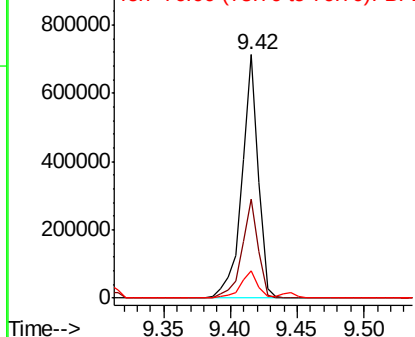


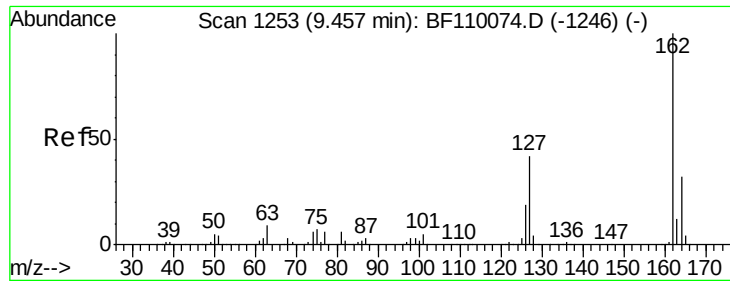
#46
1,1'-Biphenyl
Concen: 40.249 ng
RT: 9.42 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Tgt Ion:154 Resp: 605508
Ion Ratio Lower Upper
154 100
153 40.8 20.4 60.4
76 11.4 0.0 31.9



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

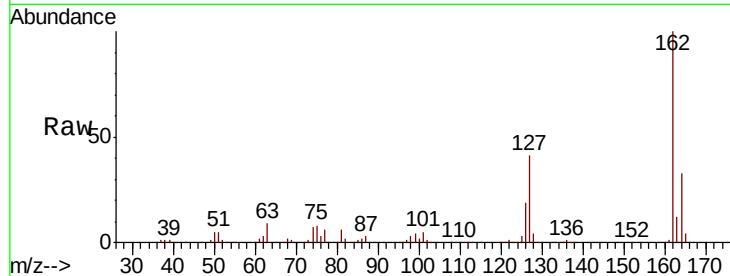




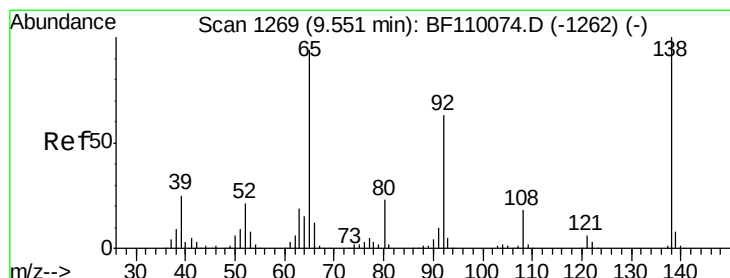
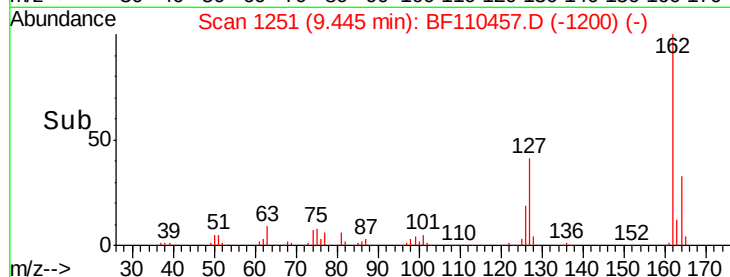
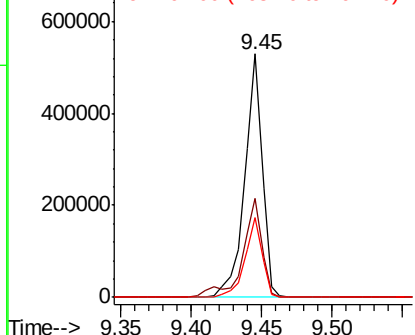
#47
 2-Chloronaphthalene
 Concen: 41.478 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: BF110457.D
 Acq: 5 Nov 2018 11:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 457721
 Ion Ratio Lower Upper
 162 100
 127 40.8 32.6 48.8
 164 32.8 25.9 38.9

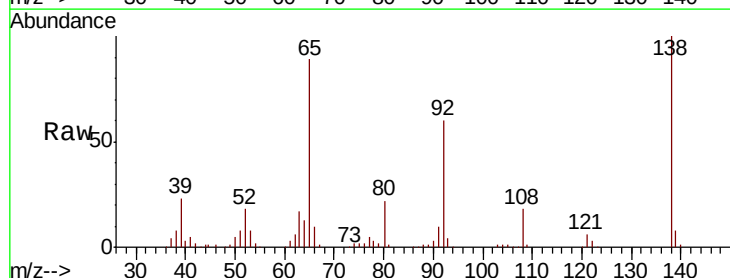


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

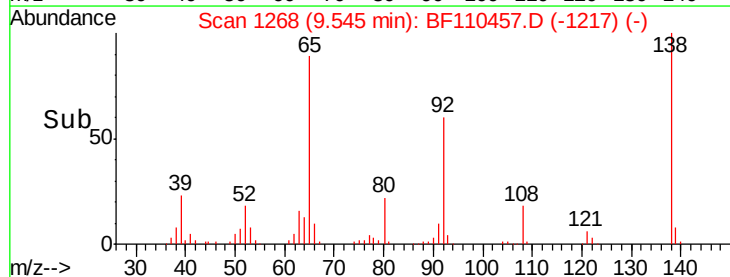
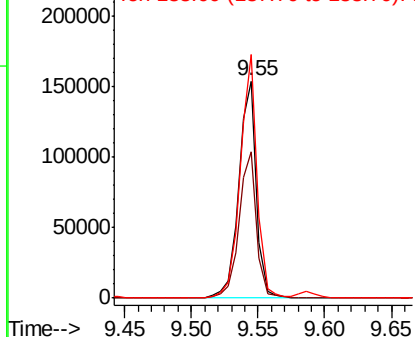


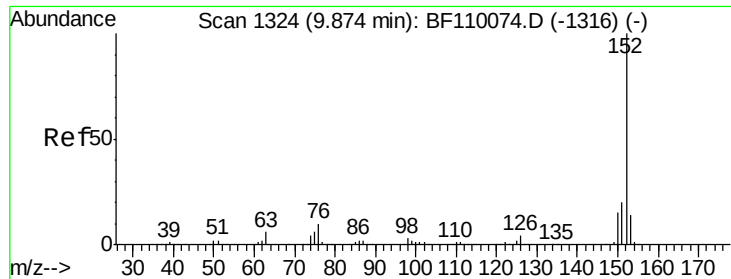
#48
 2-Nitroaniline
 Concen: 42.287 ng
 RT: 9.55 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: BF110457.D
 Acq: 5 Nov 2018 11:39

Tgt Ion: 65 Resp: 141408
 Ion Ratio Lower Upper
 65 100
 92 67.1 54.6 81.8
 138 112.0 80.3 120.5



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: 44.766 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BF110457.D

Acq: 5 Nov 2018 11:39

Instrument :

BNA_F

ClientSampleId :

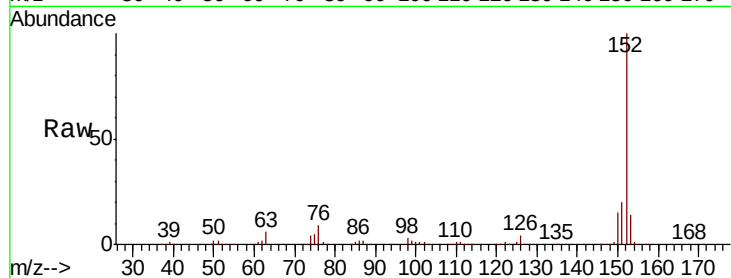
Tot Ion:152 Resp: 713516

Ion Ratio Lower Upper

152 100

151 19.9 15.8 23.8

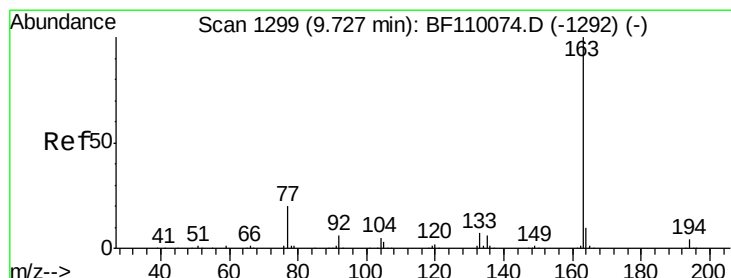
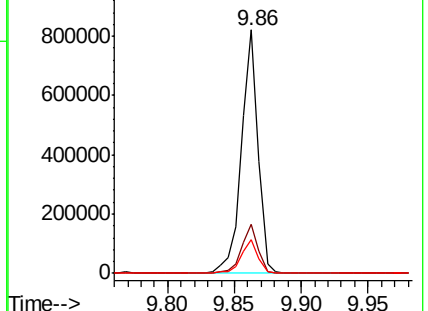
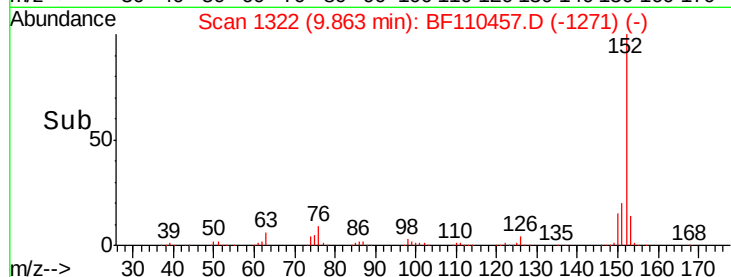
153 13.7 10.4 15.6



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: 42.166 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF110457.D

Acq: 5 Nov 2018 11:39

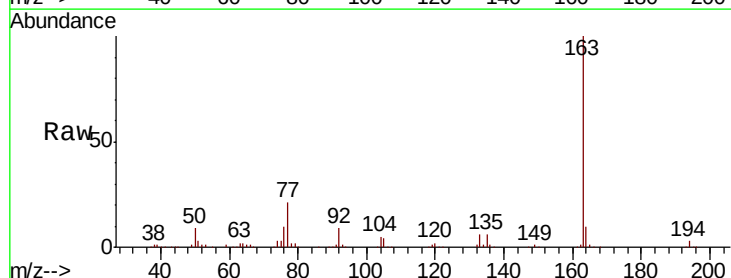
Tgt Ion:163 Resp: 517815

Ion Ratio Lower Upper

163 100

194 3.4 3.2 4.8

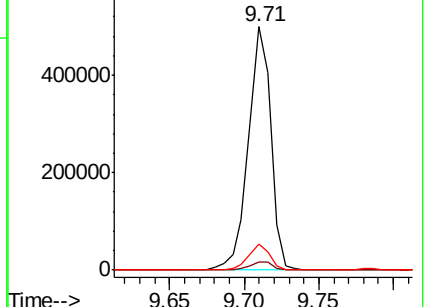
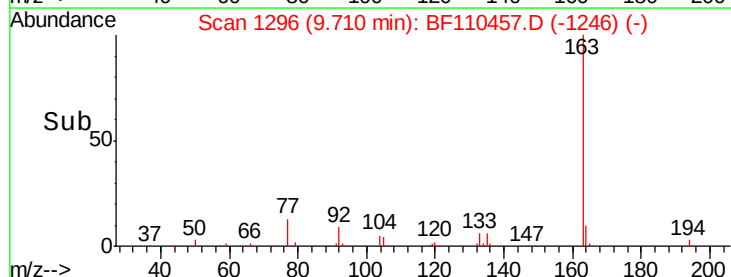
164 10.5 8.1 12.1

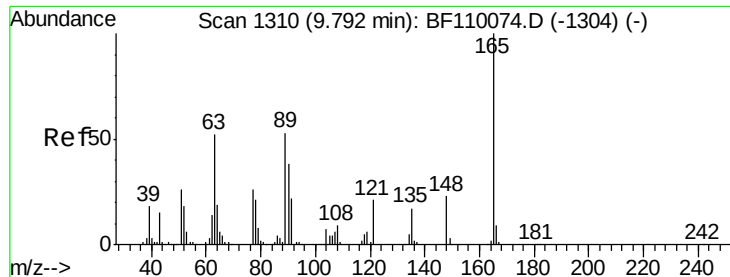


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.753 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BF110457.D

Acq: 5 Nov 2018 11:39

Instrument :

BNA_F

ClientSampleId :

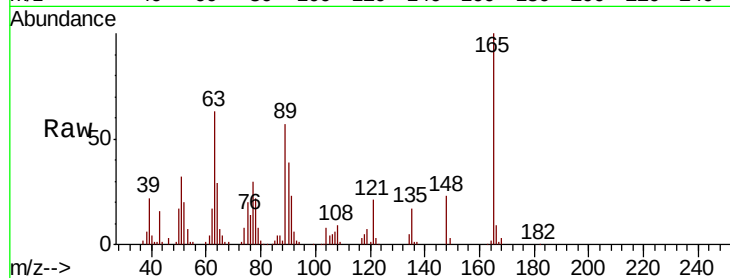
Tot Ion:165 Resp: 115737

Ion Ratio Lower Upper

165 100

63 62.7 48.9 73.3

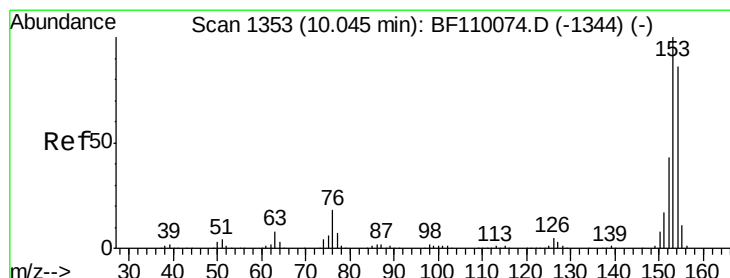
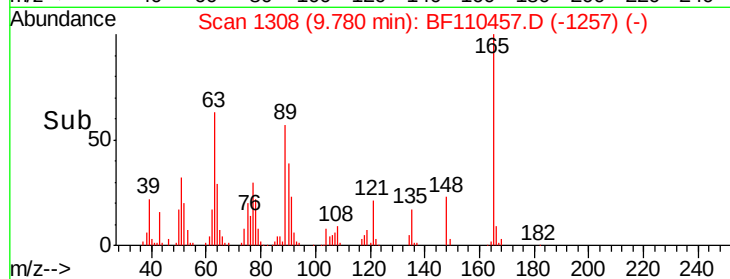
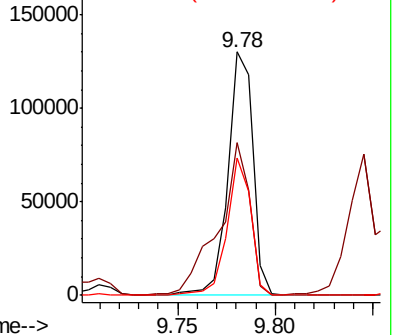
89 56.7 46.6 69.8



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: 40.516 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.00 min

Lab File: BF110457.D

Acq: 5 Nov 2018 11:39

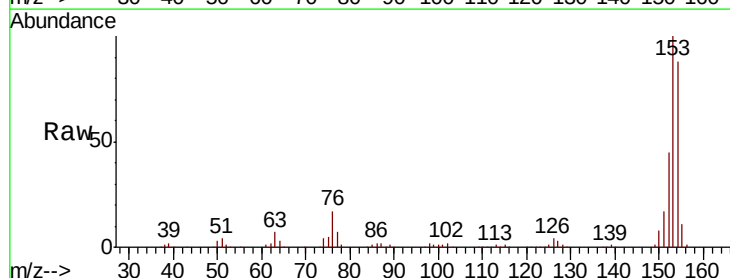
Tgt Ion:154 Resp: 427212

Ion Ratio Lower Upper

154 100

153 114.0 90.1 135.1

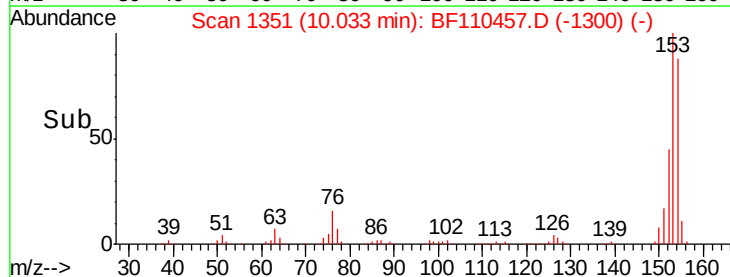
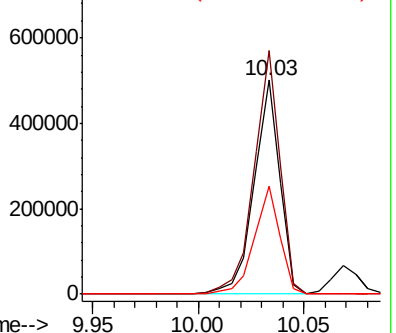
152 50.7 43.4 65.2

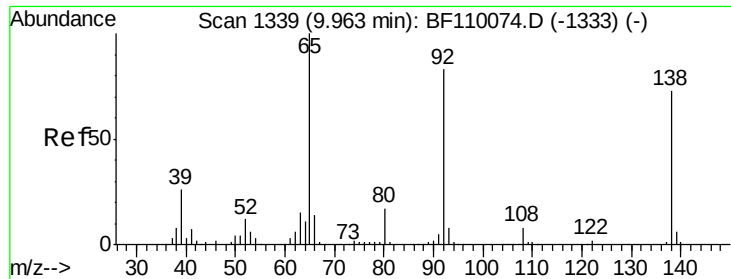


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

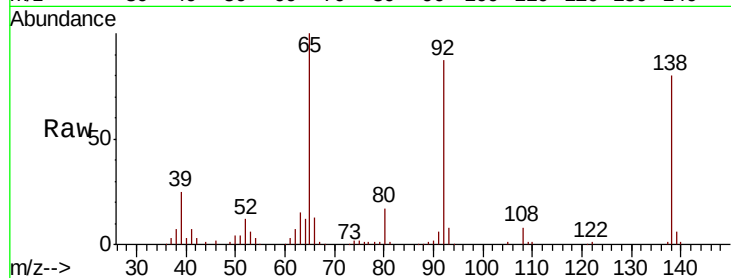




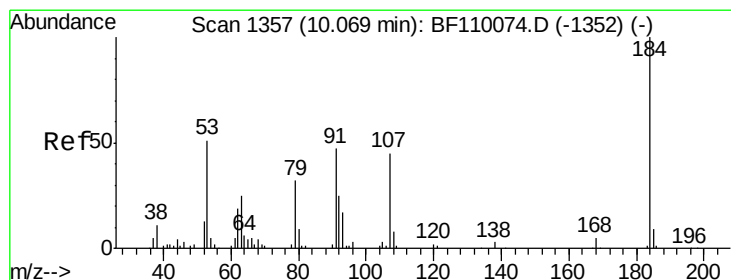
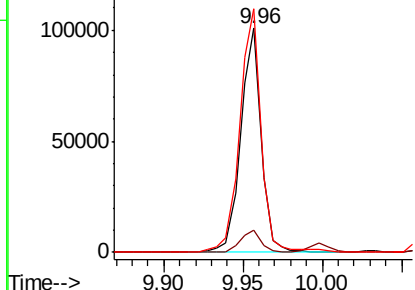
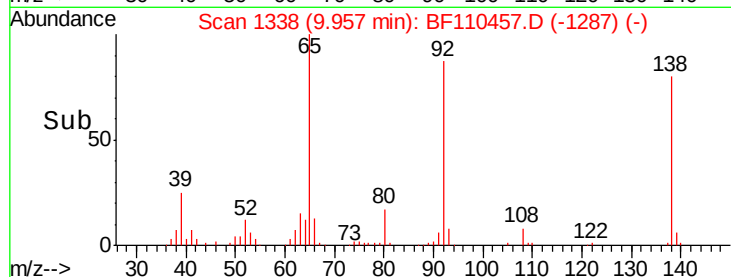
#53
3-Nitroaniline
Concen: 28.606 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 89986
Ion Ratio Lower Upper
138 100
108 10.1 8.7 13.1
92 108.6 97.0 145.4

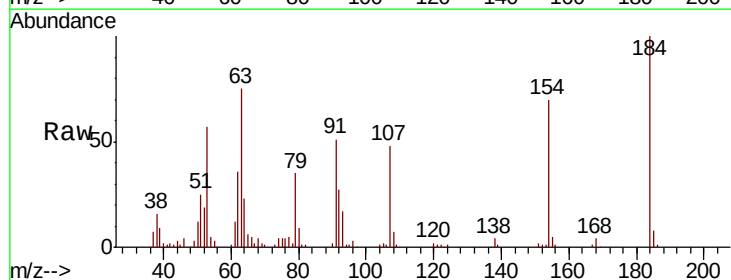


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

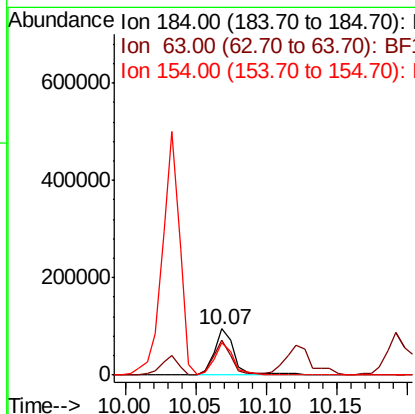
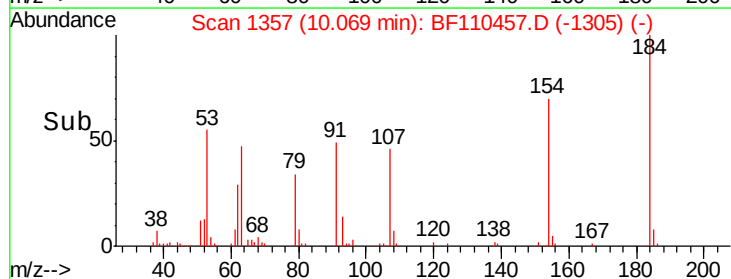


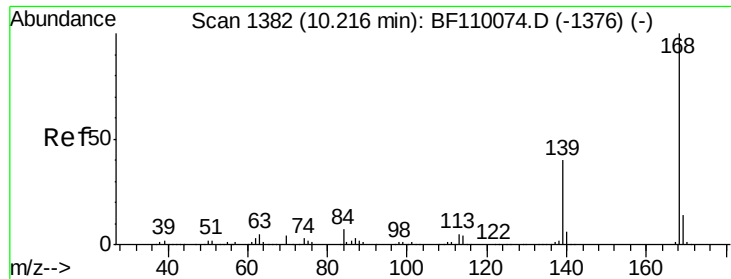
#54
2,4-Dinitrophenol
Concen: 88.363 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Tgt Ion:184 Resp: 93374
Ion Ratio Lower Upper
184 100
63 74.8 55.8 83.6
154 70.2 63.2 94.8



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

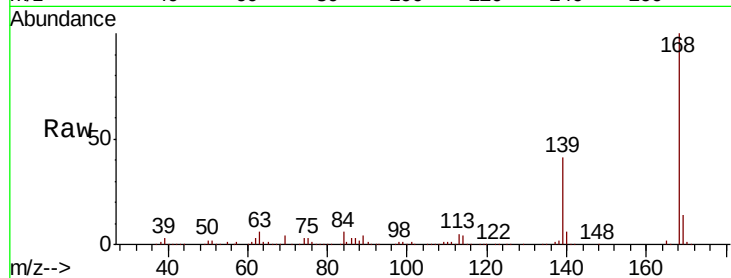




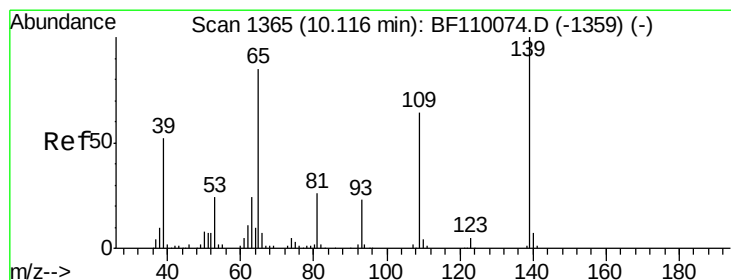
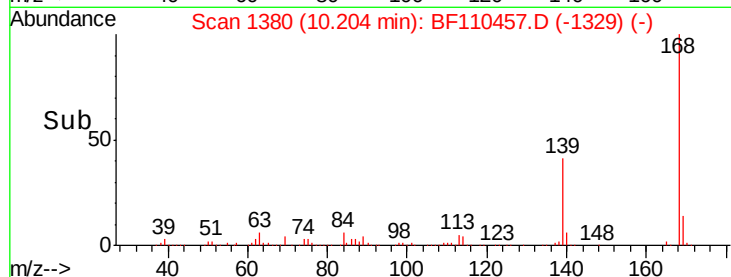
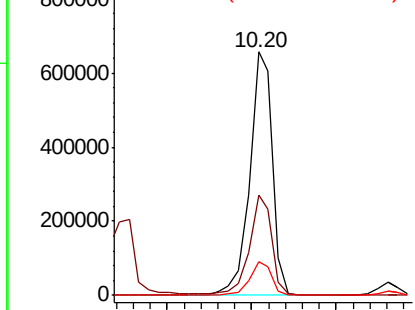
#55
Dibenzenofuran
Concen: 41.730 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 616058
Ion Ratio Lower Upper
168 100
139 41.1 33.0 49.6
169 13.6 11.3 16.9

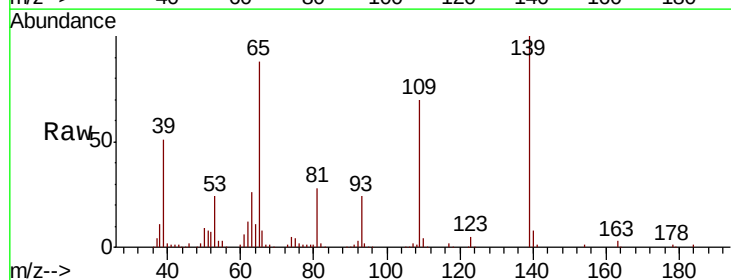


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

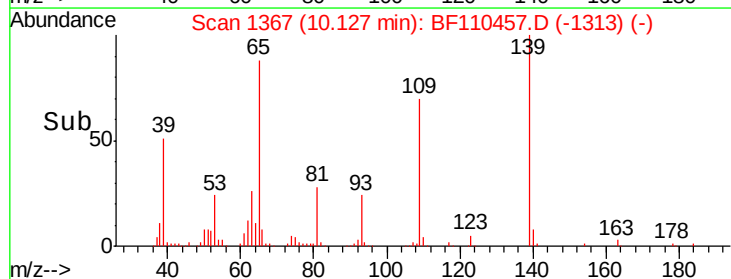
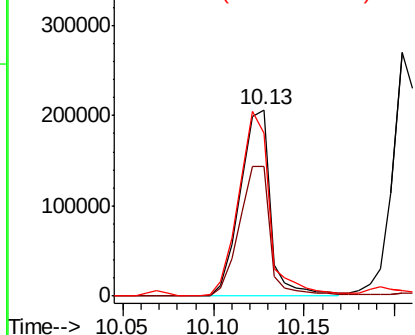


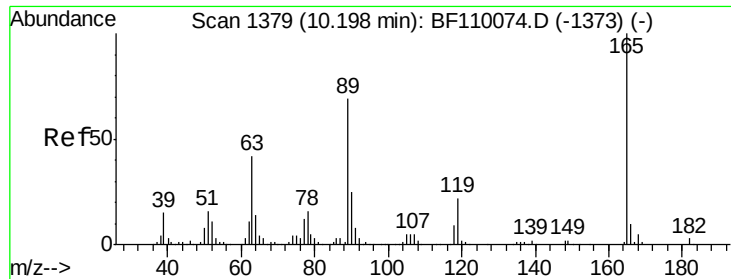
#56
4-Nitrophenol
Concen: 103.338 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.02 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Tgt Ion:139 Resp: 240589
Ion Ratio Lower Upper
139 100
109 69.6 55.8 95.8
65 88.0 77.9 117.9



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

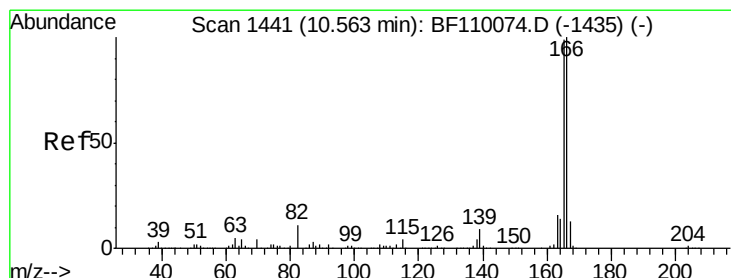
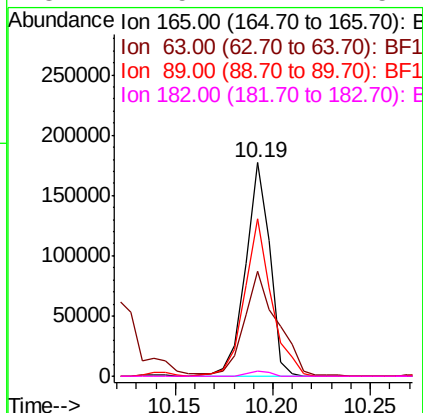
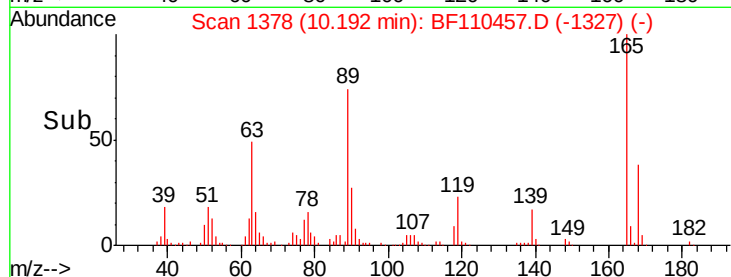
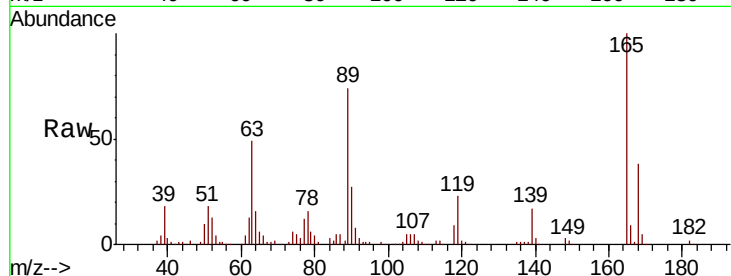




#57
2,4-Dinitrotoluene
Concen: 45.369 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

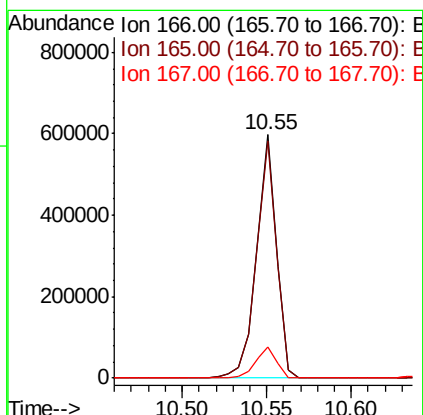
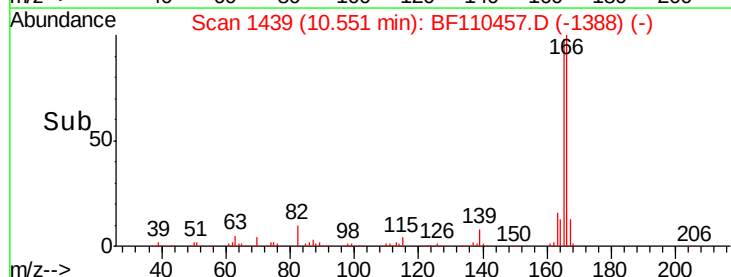
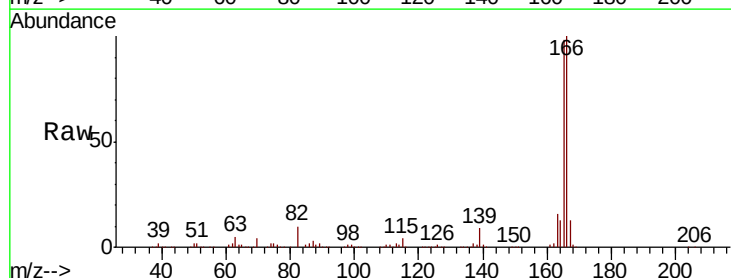
Instrument :
BNA_F
ClientSampled :

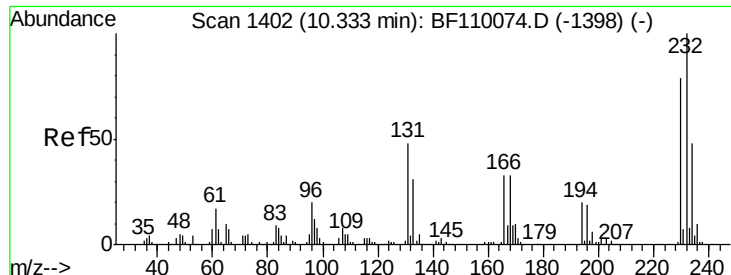
Tot Ion:165	Resp:	152437
Ion Ratio	Lower	Upper
165	100	
63	49.4	44.8 67.2
89	73.8	62.2 93.4
182	2.5	2.1 3.1



#58
Fluorene
Concen: 45.515 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Tgt Ion:166	Resp:	500079
Ion Ratio	Lower	Upper
166	100	
165	97.6	78.6 117.8
167	13.0	10.8 16.2

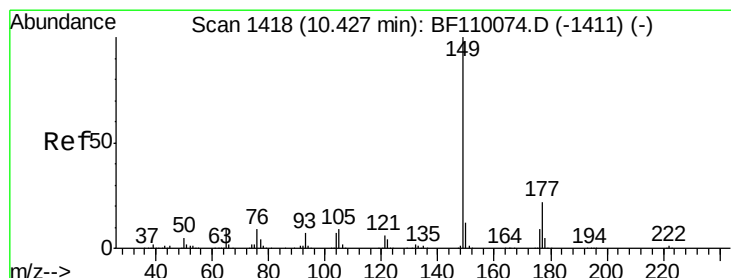
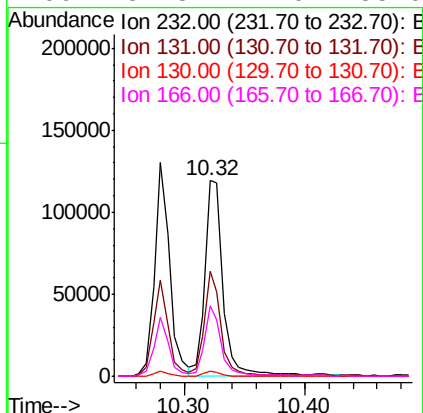
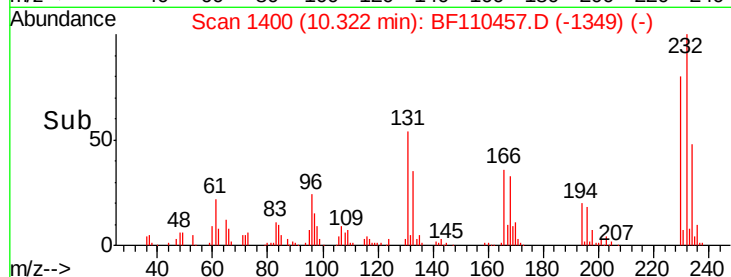
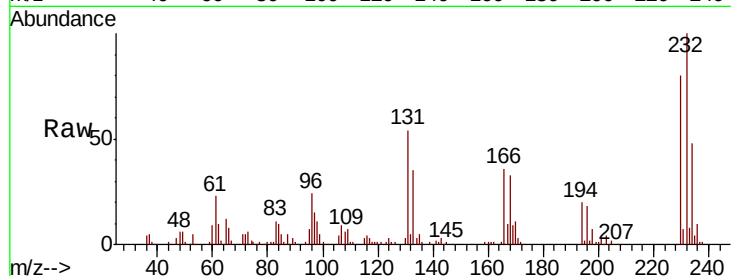




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.198 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. 0.00 min
 Lab File: BF110457.D
 Acq: 5 Nov 2018 11:39

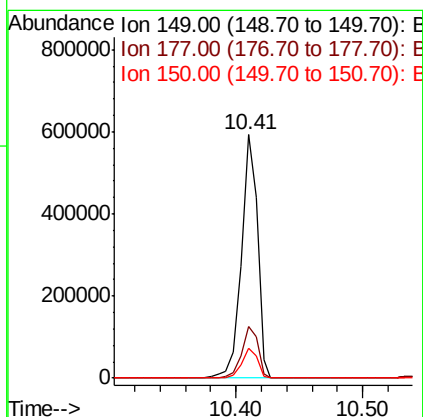
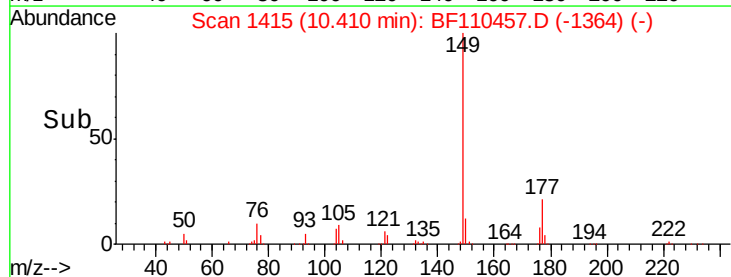
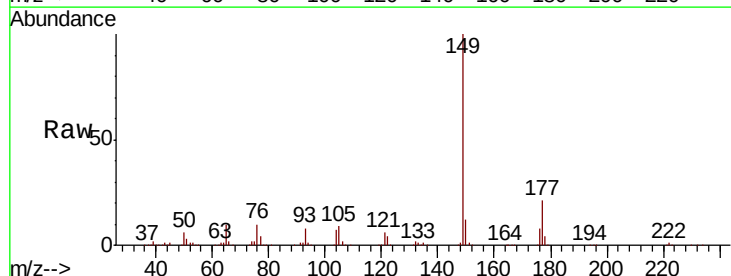
Instrument :
 BNA_F
 ClientSampleId :

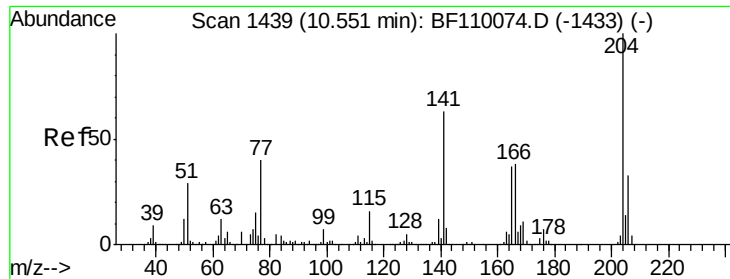
Tot Ion	Ratio	Lower	Upper
232	100		
131	49.8	37.0	55.4
130	2.3	1.8	2.6
166	31.8	22.0	33.0



#60
 Diethylphthalate
 Concen: 42.734 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: BF110457.D
 Acq: 5 Nov 2018 11:39

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.0	17.4	26.2
150	12.4	9.8	14.8

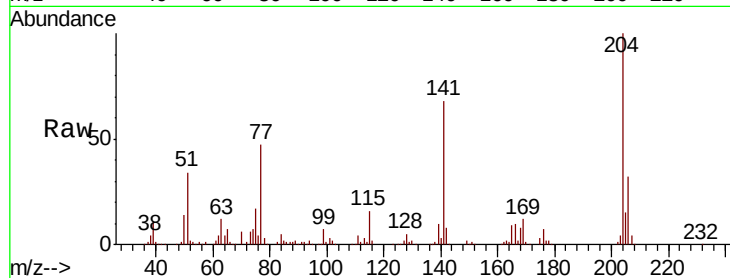




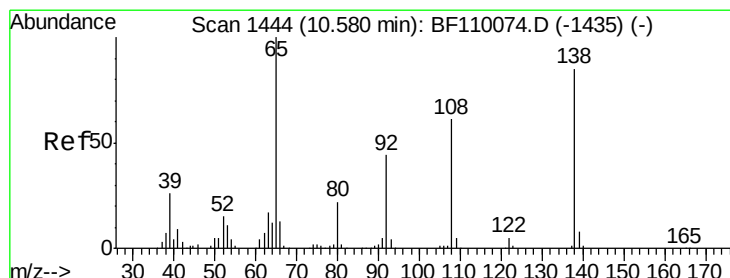
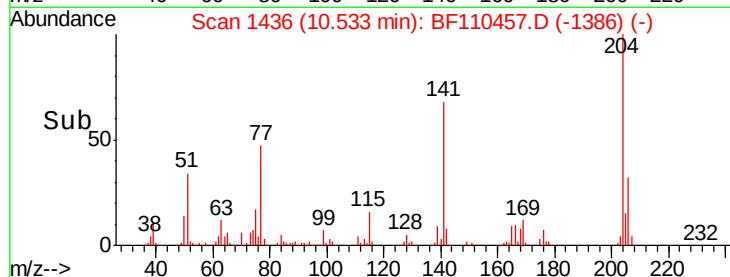
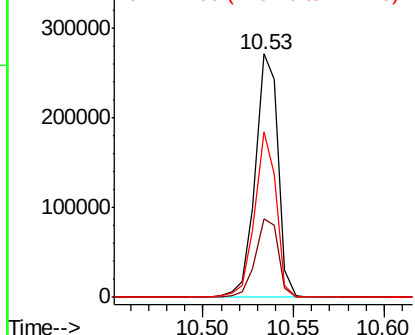
#61
4-Chlorophenyl-phenylether
Concen: 40.995 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 237608
Ion Ratio Lower Upper
204 100
206 32.3 26.5 39.7
141 68.1 51.8 77.8

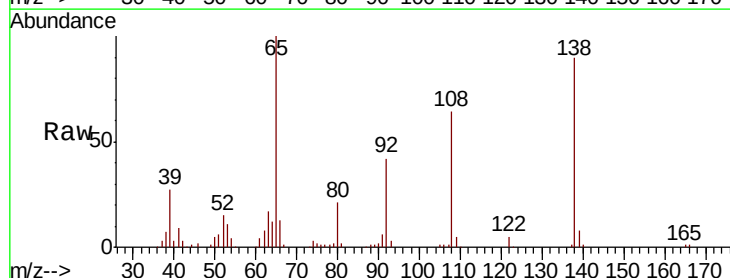


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

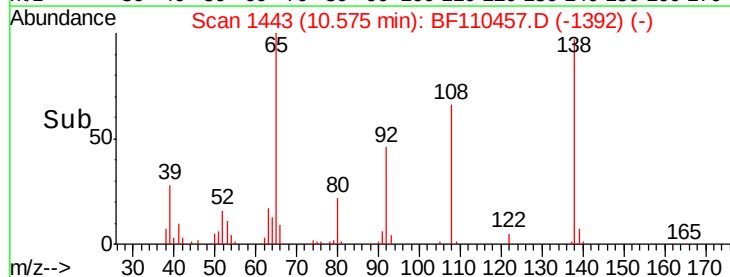
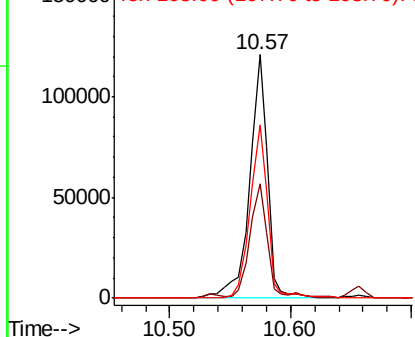


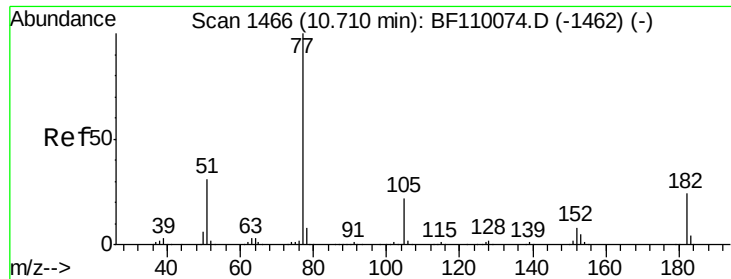
#62
4-Nitroaniline
Concen: 40.411 ng
RT: 10.57 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Tgt Ion:138 Resp: 126433
Ion Ratio Lower Upper
138 100
92 47.0 31.7 71.7
108 70.9 59.3 99.3



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: 42.208 ng

RT: 10.70 min Scan# 1464

Delta R.T. 0.00 min

Lab File: BF110457.D

Acq: 5 Nov 2018 11:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 502236

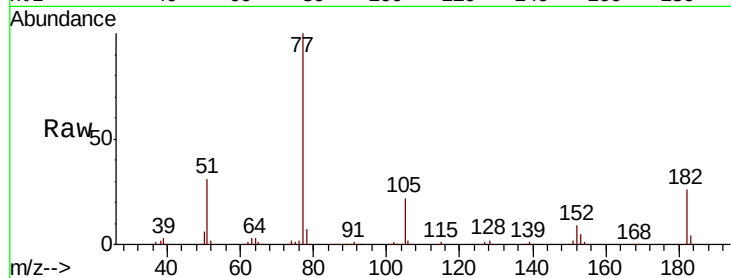
Ion Ratio Lower Upper

77 100

182 26.0 4.3 44.3

105 22.2 1.3 41.3

51 30.6 9.0 49.0

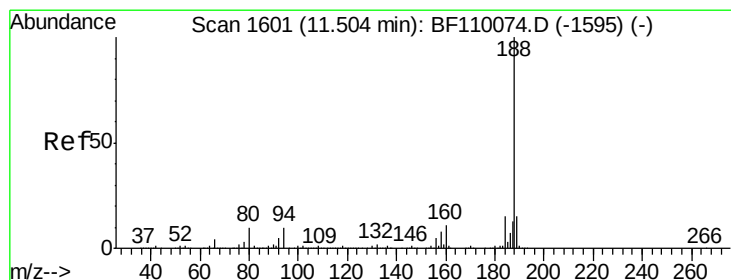
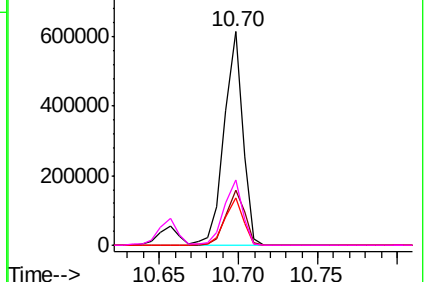
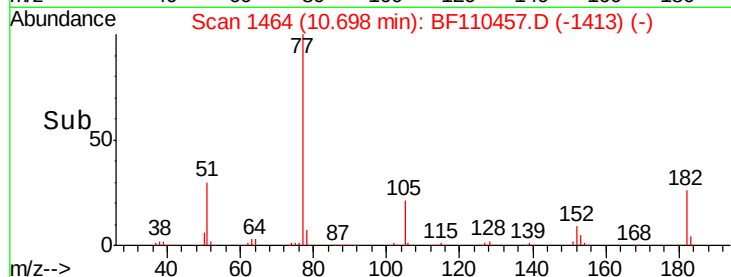


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1599

Delta R.T. 0.00 min

Lab File: BF110457.D

Acq: 5 Nov 2018 11:39

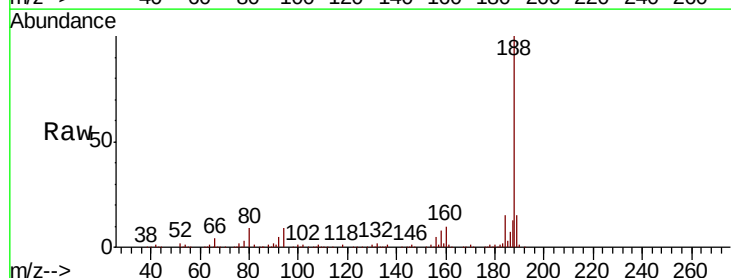
Tgt Ion: 188 Resp: 307879

Ion Ratio Lower Upper

188 100

94 8.7 7.2 10.8

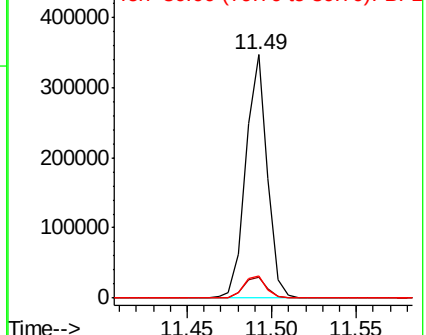
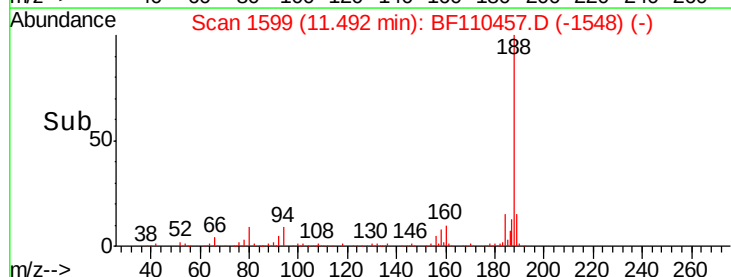
80 9.4 7.9 11.9

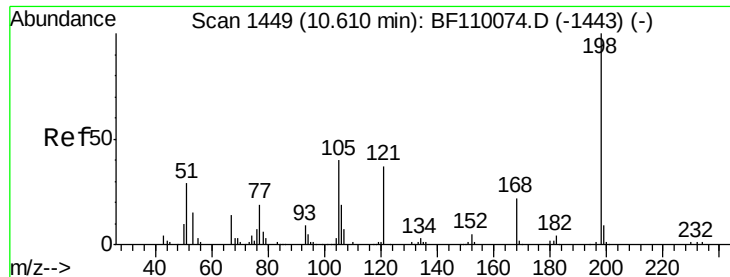


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

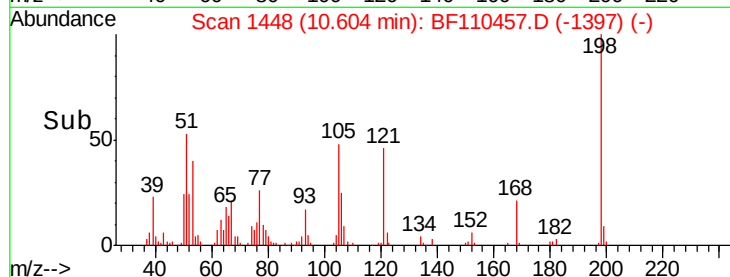
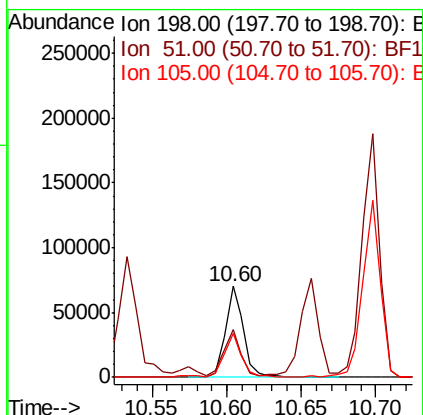
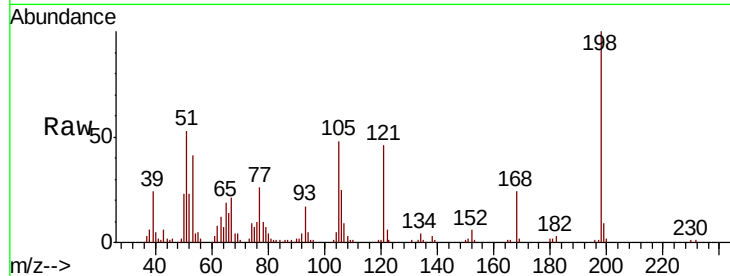




#65
4,6-Dinitro-2-methylphenol
Concen: 42.911 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

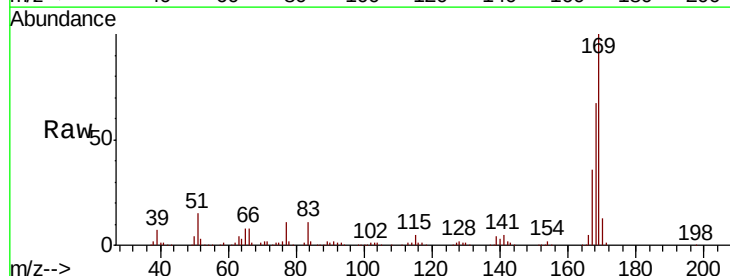
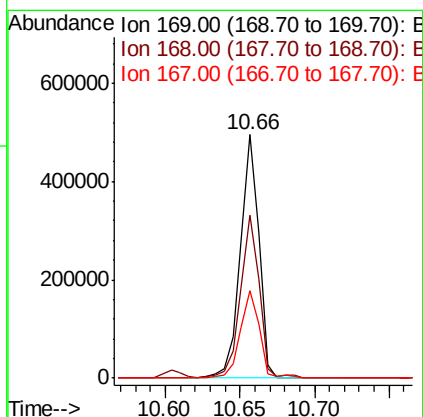
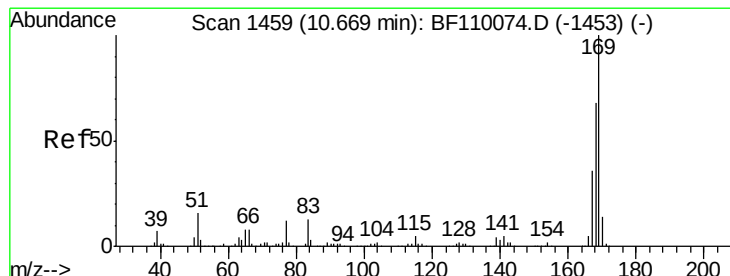
Instrument :
BNA_F
ClientSampleId :

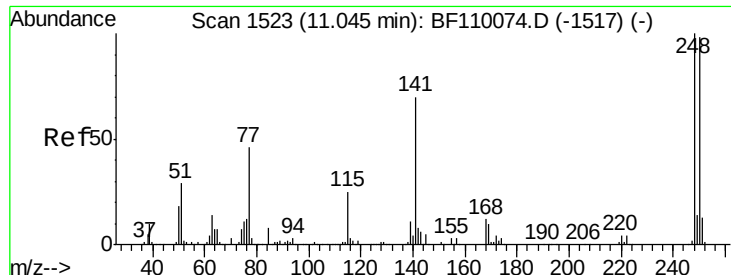
Tot Ion:198 Resp: 60359
Ion Ratio Lower Upper
198 100
51 52.8 22.8 62.8
105 48.1 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 42.547 ng
RT: 10.66 min Scan# 1457
Delta R.T. 0.00 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Tgt Ion:169 Resp: 429661
Ion Ratio Lower Upper
169 100
168 67.0 51.2 76.8
167 36.0 27.8 41.6

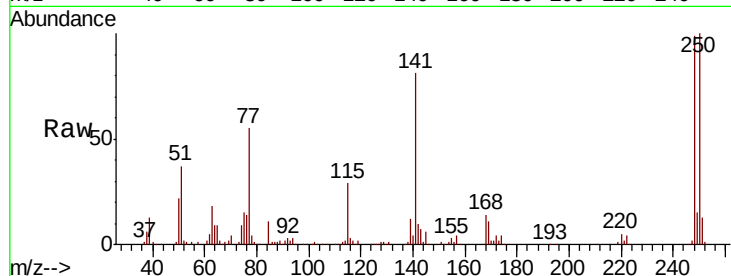




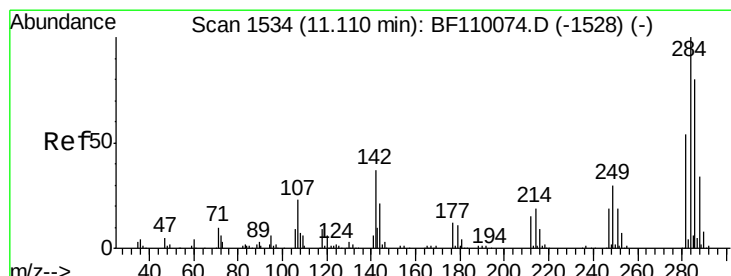
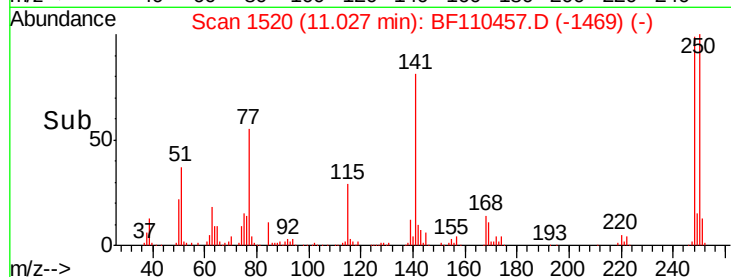
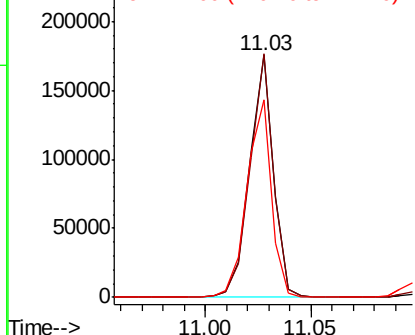
#67
4-Bromophenyl-phenylether
Concen: 41.425 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.00 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 138343
Ion Ratio Lower Upper
248 100
250 100.7 79.4 119.2
141 81.6 55.9 83.9

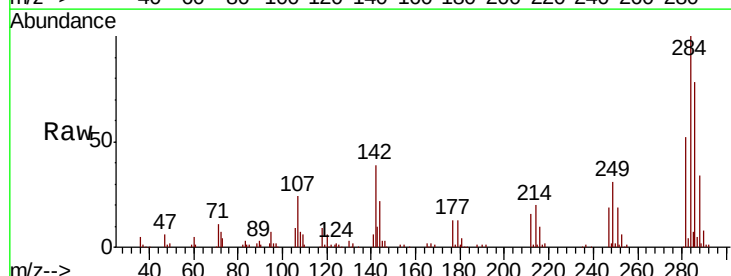


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

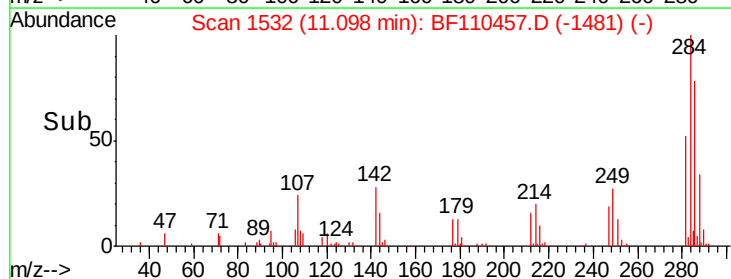
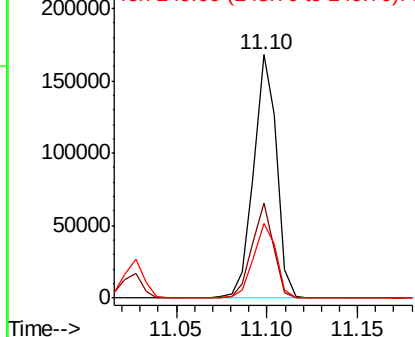


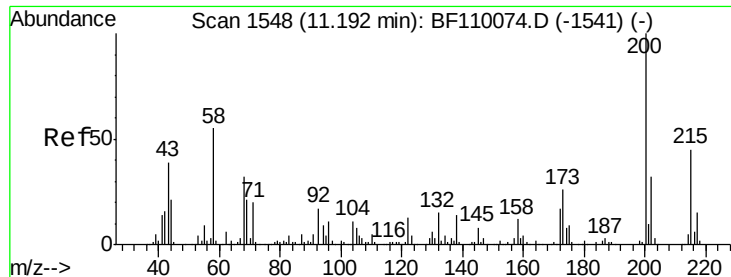
#68
Hexachlorobenzene
Concen: 41.756 ng
RT: 11.10 min Scan# 1532
Delta R.T. 0.00 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Tgt Ion:284 Resp: 147959
Ion Ratio Lower Upper
284 100
142 38.9 23.9 35.9#
249 30.9 24.2 36.2



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

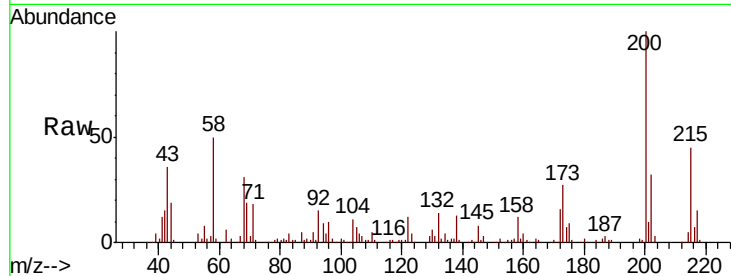




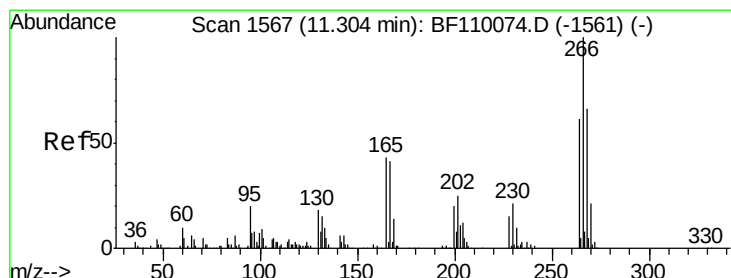
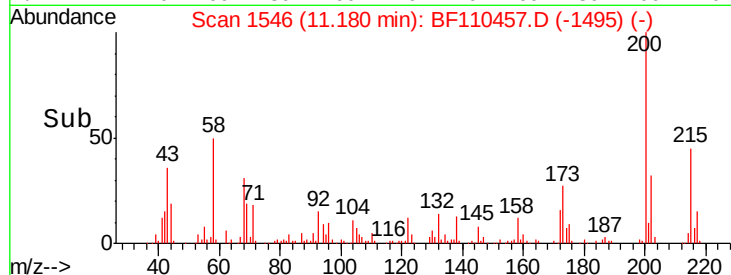
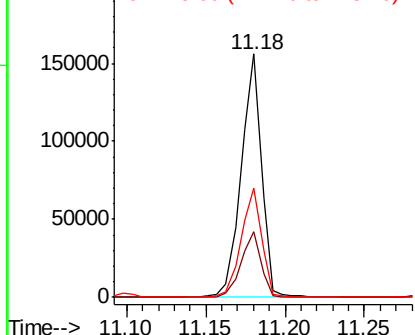
#69
 Atrazine
 Concen: 43.322 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. 0.00 min
 Lab File: BF110457.D
 Acq: 5 Nov 2018 11:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.1	6.6	46.6
215	44.8	26.3	66.3

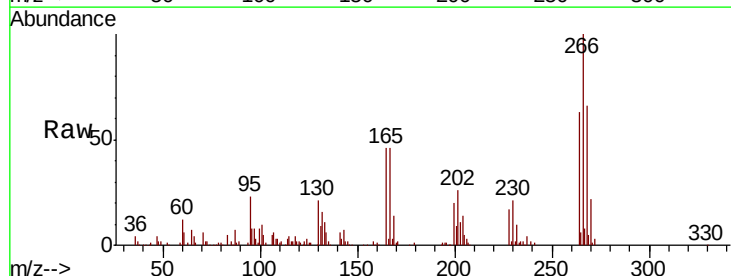


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

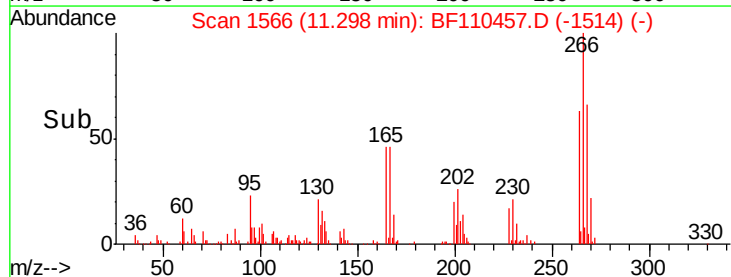
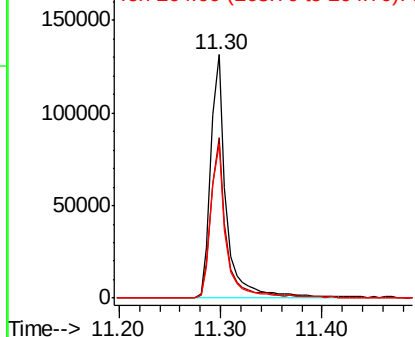


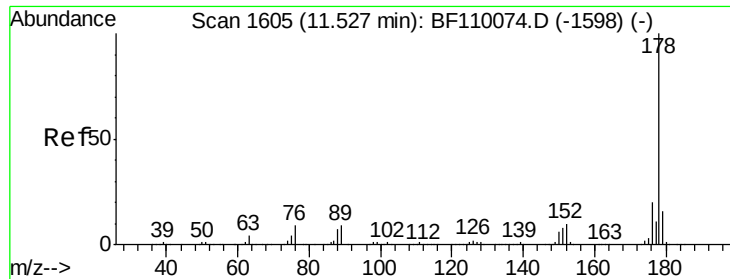
#70
 Pentachlorophenol
 Concen: 68.295 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. 0.01 min
 Lab File: BF110457.D
 Acq: 5 Nov 2018 11:39

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.8	50.6	75.8
264	63.1	50.6	75.8



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

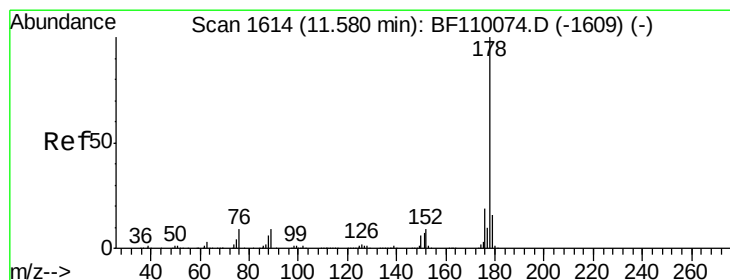
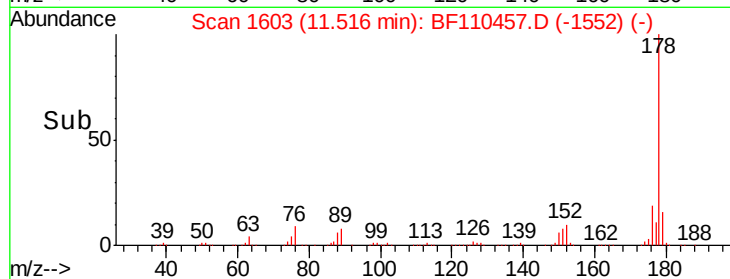
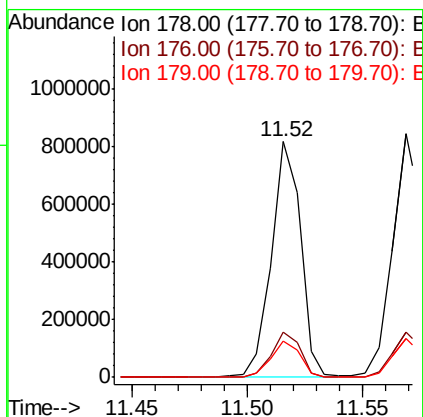
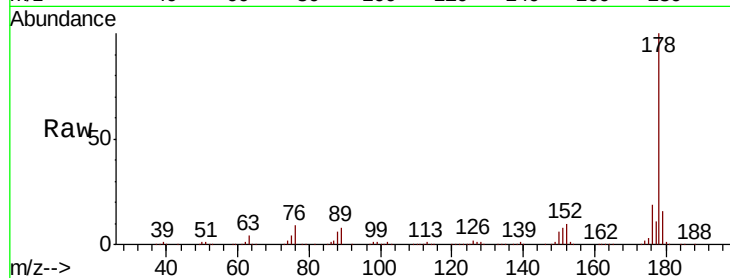




#71
Phenanthrene
Concen: 44.784 ng
RT: 11.52 min Scan# 1603
Delta R.T. 0.00 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

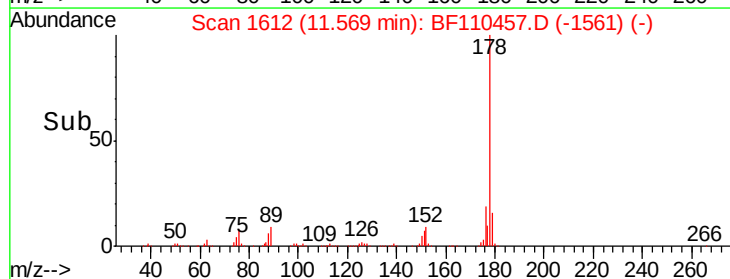
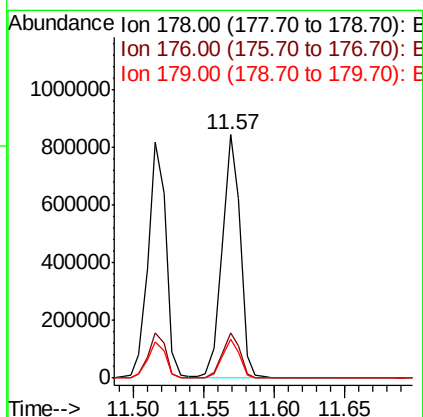
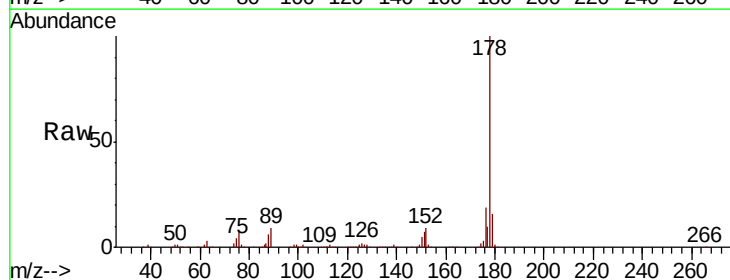
Instrument :
BNA_F
ClientSampleId :

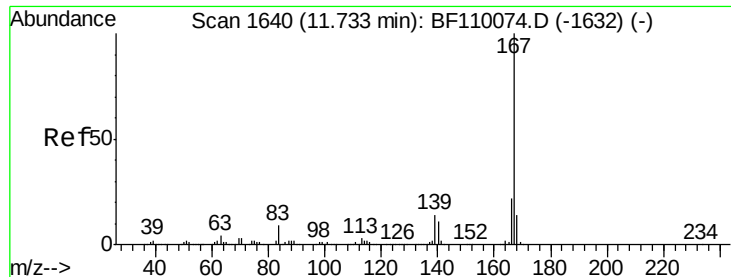
Tot Ion:178 Resp: 721454
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 15.6 12.5 18.7



#72
Anthracene
Concen: 46.528 ng
RT: 11.57 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Tgt Ion:178 Resp: 751311
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 15.7 12.6 18.8





#73

Carbazole

Concen: 41.039 ng

RT: 11.72 min Scan# 1638

Delta R.T. 0.00 min

Lab File: BF110457.D

Acq: 5 Nov 2018 11:39

Instrument :

BNA_F

ClientSampleId :

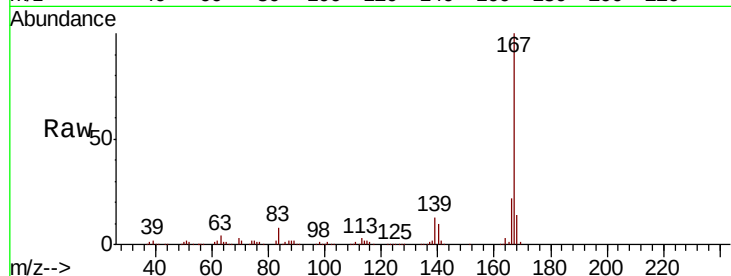
Tot Ion:167 Resp: 647026

Ion Ratio Lower Upper

167 100

166 21.7 17.4 26.0

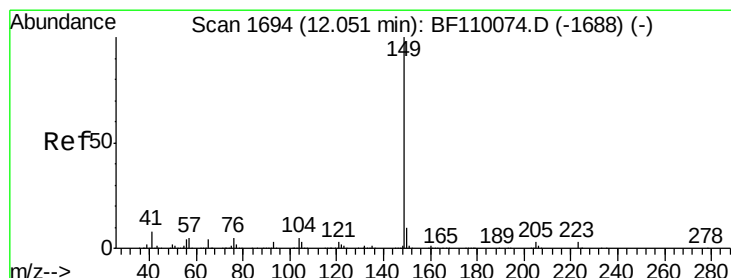
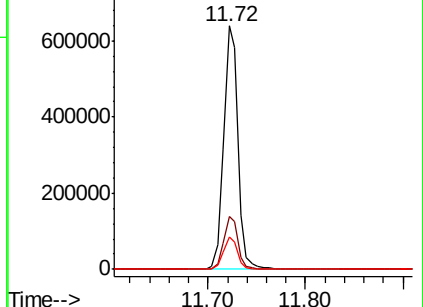
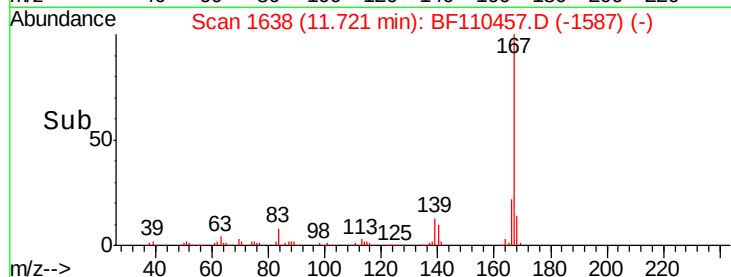
139 13.5 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 44.126 ng

RT: 12.03 min Scan# 1691

Delta R.T. 0.00 min

Lab File: BF110457.D

Acq: 5 Nov 2018 11:39

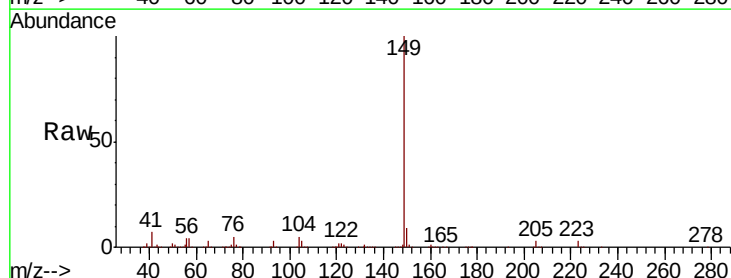
Tgt Ion:149 Resp: 785724

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

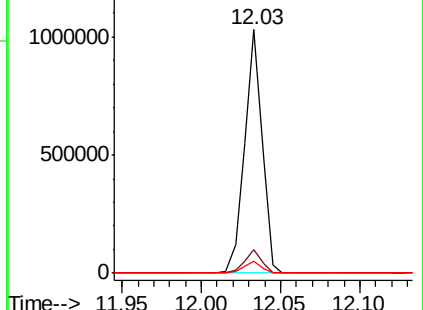
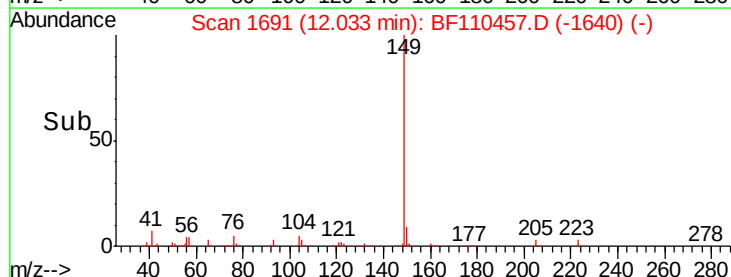
104 4.9 4.2 6.4

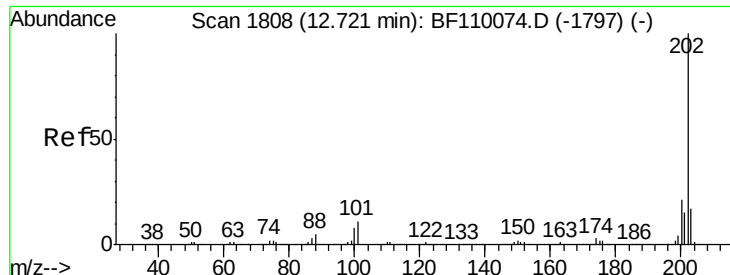


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

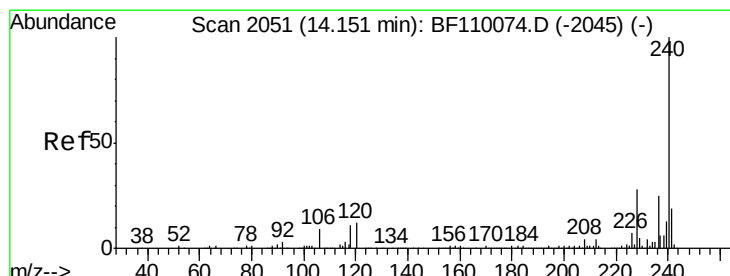
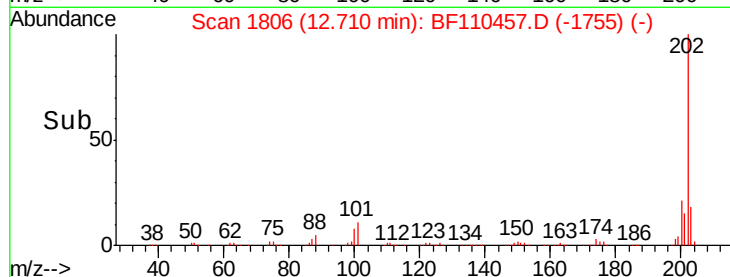
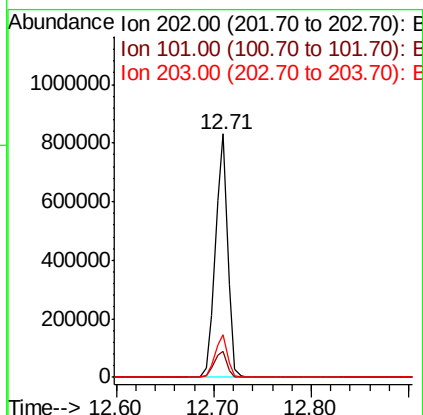
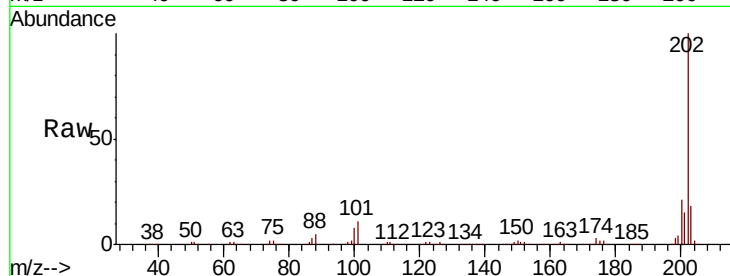




#75
 Fluoranthene
 Concen: 44.141 ng
 RT: 12.71 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: BF110457.D
 Acq: 5 Nov 2018 11:39

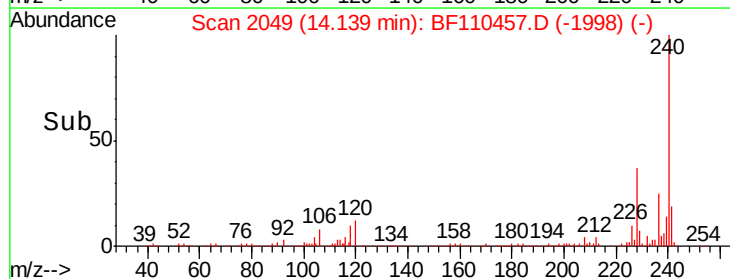
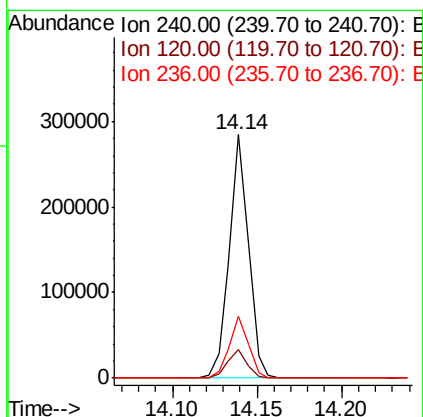
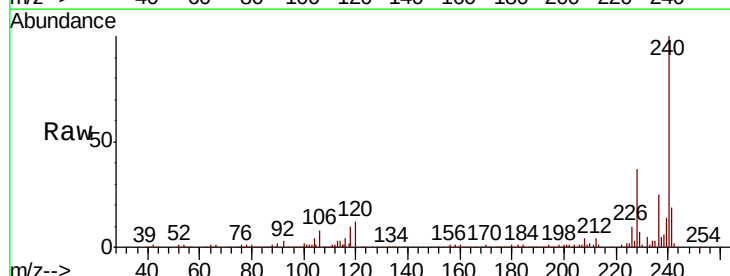
Instrument :
 BNA_F
 ClientSampleId :

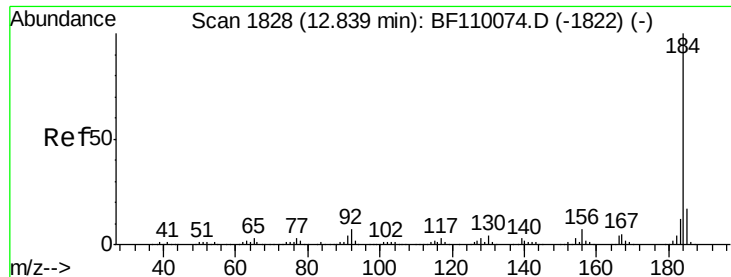
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	31.4
203	17.7	0.0	37.7



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: BF110457.D
 Acq: 5 Nov 2018 11:39

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.7	8.3	12.5
236	25.3	21.2	31.8

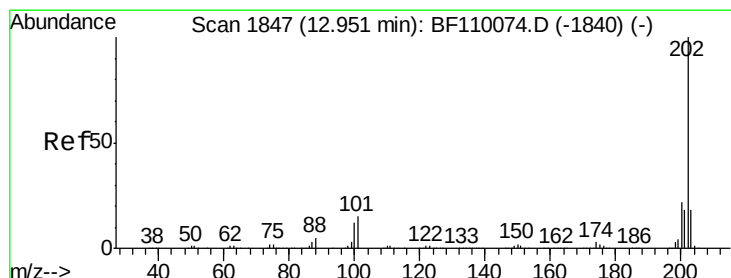
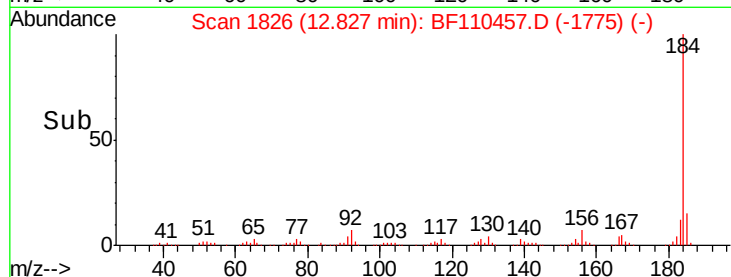
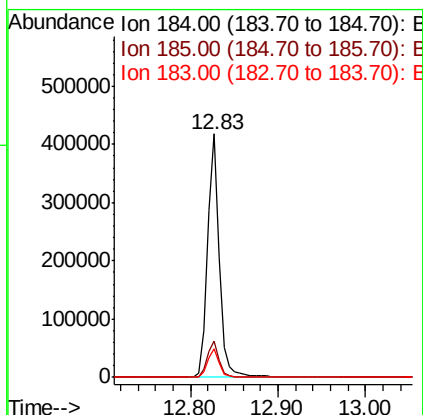
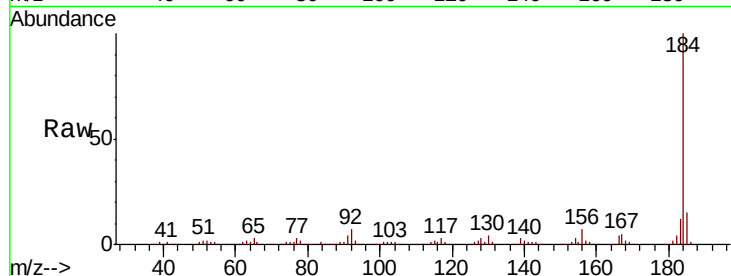




#77
Benzidine
Concen: Below Cal
RT: 12.83 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

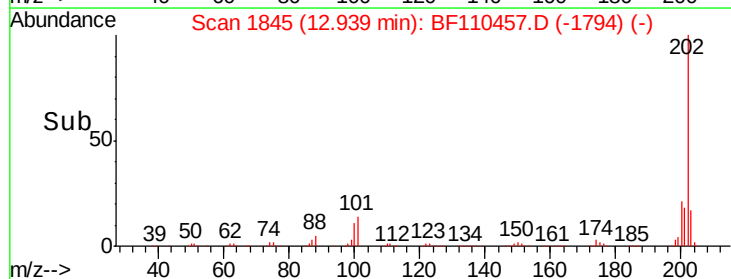
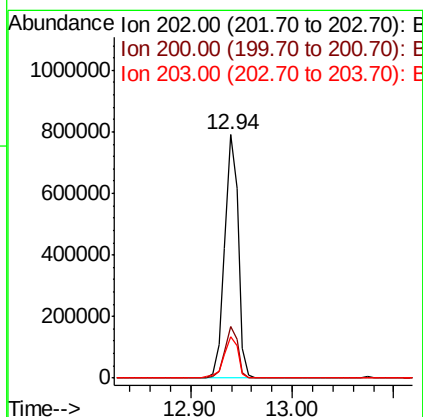
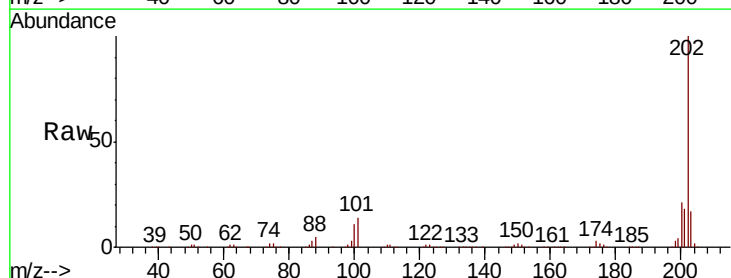
Instrument :
BNA_F
ClientSampled :

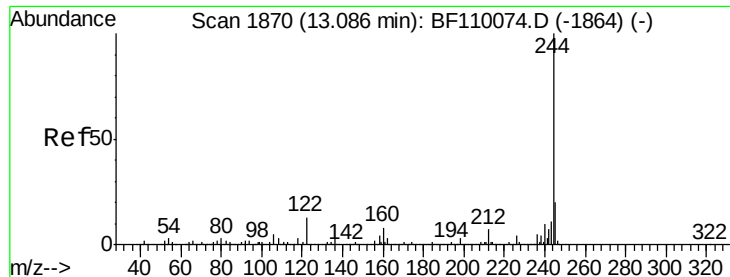
Tot Ion:184 Resp: 391175
Ion Ratio Lower Upper
184 100
185 14.8 13.4 20.2
183 11.5 9.4 14.2



#78
Pyrene
Concen: 45.472 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Tgt Ion:202 Resp: 733437
Ion Ratio Lower Upper
202 100
200 21.1 17.8 26.6
203 17.1 14.2 21.4





#79

Terphenyl-d14

Concen: 81.664 ng

RT: 13.07 min Scan# 1868

Delta R.T. 0.00 min

Lab File: BF110457.D

Acq: 5 Nov 2018 11:39

Instrument :

BNA_F

ClientSampleId :

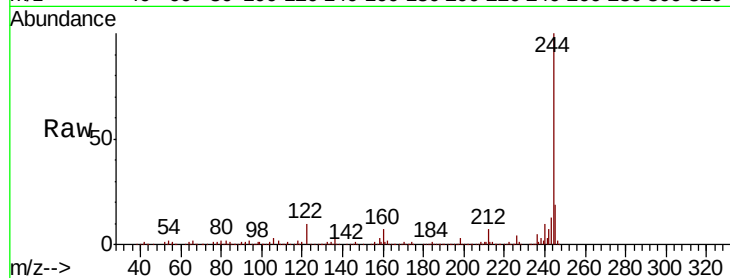
Tot Ion:244 Resp: 883439

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

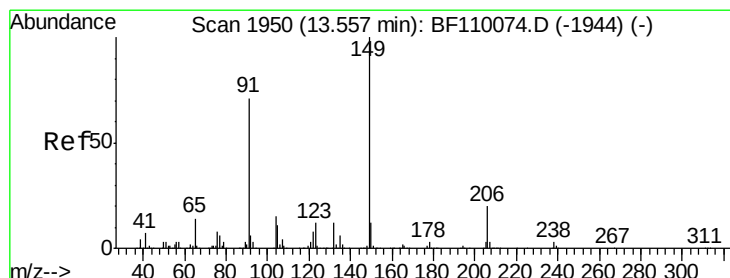
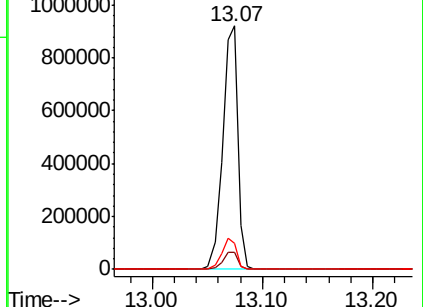
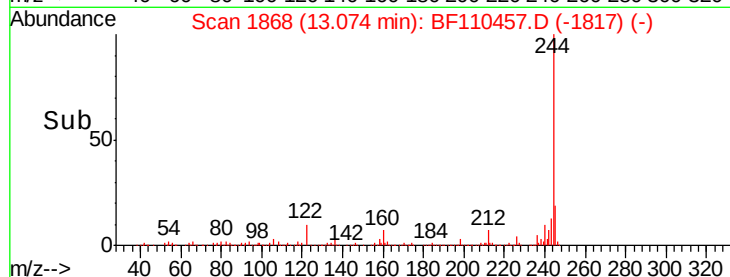
122 10.5 8.7 13.1



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: 45.253 ng

RT: 13.54 min Scan# 1947

Delta R.T. 0.00 min

Lab File: BF110457.D

Acq: 5 Nov 2018 11:39

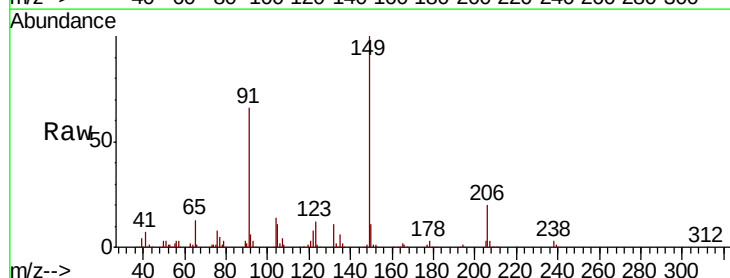
Tgt Ion:149 Resp: 316809

Ion Ratio Lower Upper

149 100

91 66.5 57.2 85.8

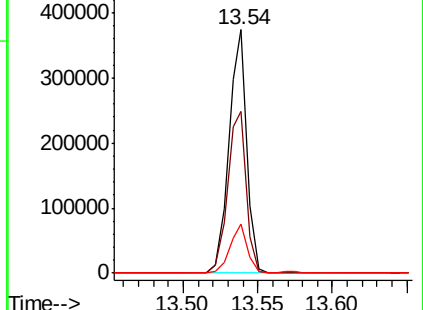
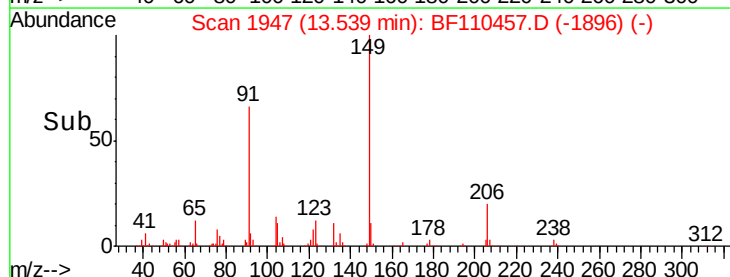
206 20.1 15.7 23.5

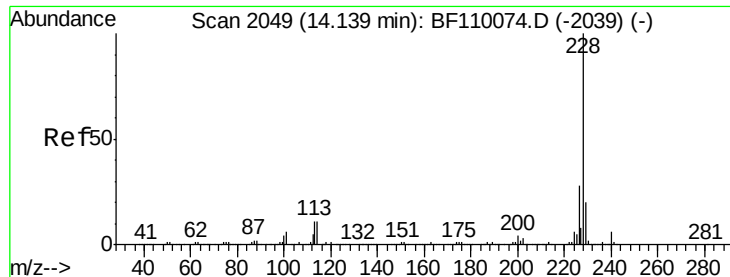


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.942 ng

RT: 14.13 min Scan# 2047

Delta R.T. 0.00 min

Lab File: BF110457.D

Acq: 5 Nov 2018 11:39

Instrument :

BNA_F

ClientSampleId :

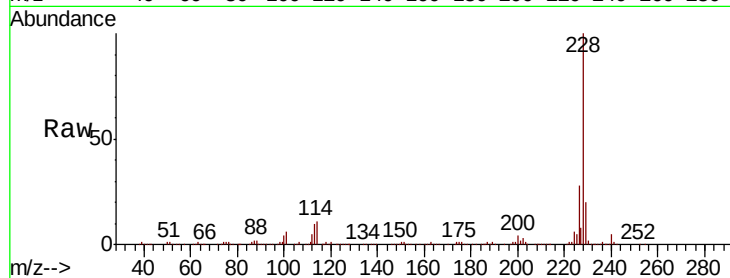
Tot Ion:228 Resp: 586270

Ion Ratio Lower Upper

228 100

226 27.6 22.1 33.1

229 19.7 15.6 23.4

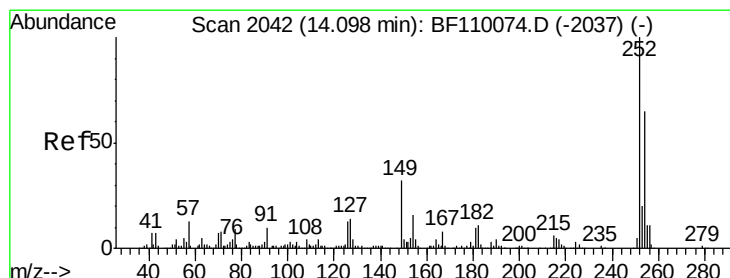
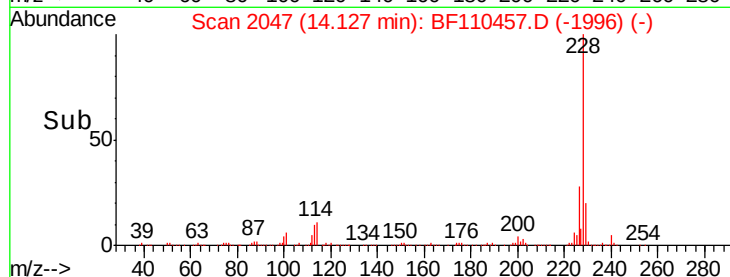
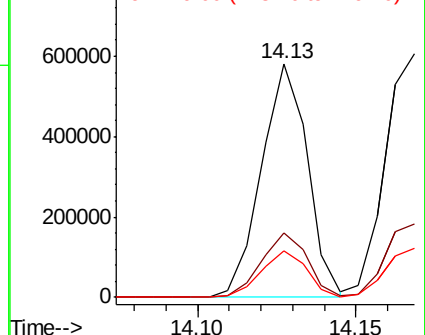


Abundance

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: 28.242 ng

RT: 14.09 min Scan# 2040

Delta R.T. 0.00 min

Lab File: BF110457.D

Acq: 5 Nov 2018 11:39

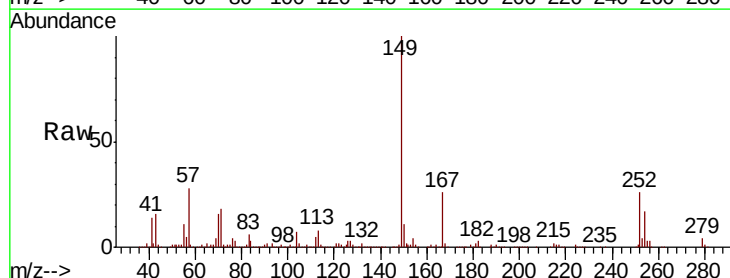
Tgt Ion:252 Resp: 131210

Ion Ratio Lower Upper

252 100

254 64.3 51.3 76.9

126 11.6 9.4 14.2

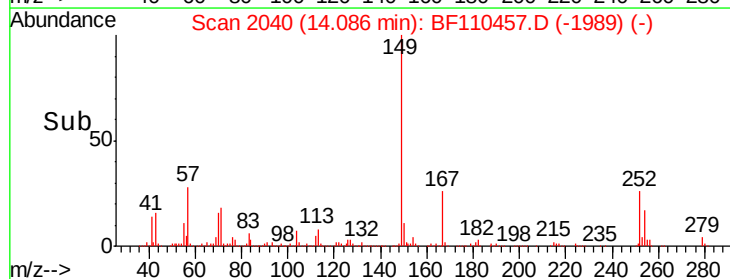
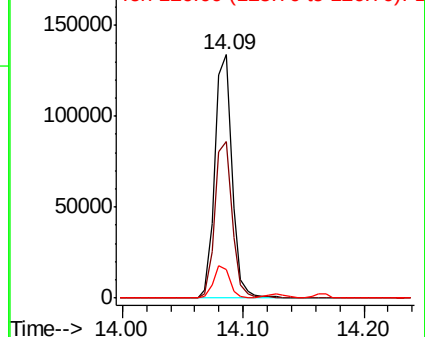


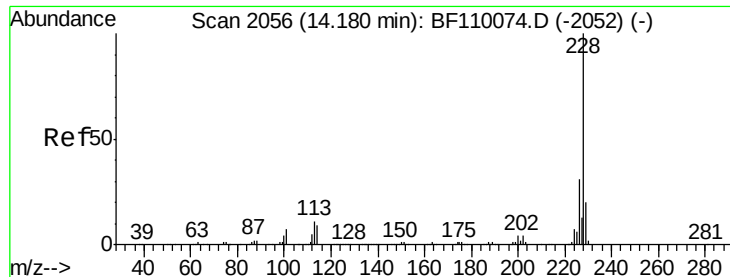
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

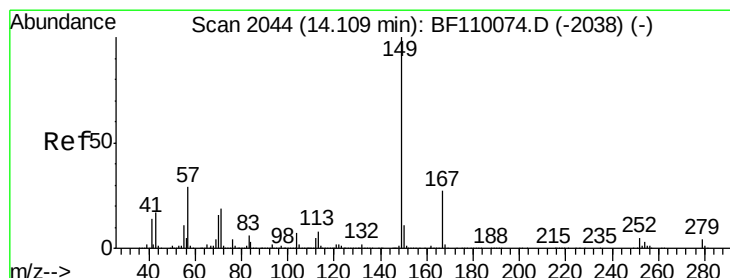
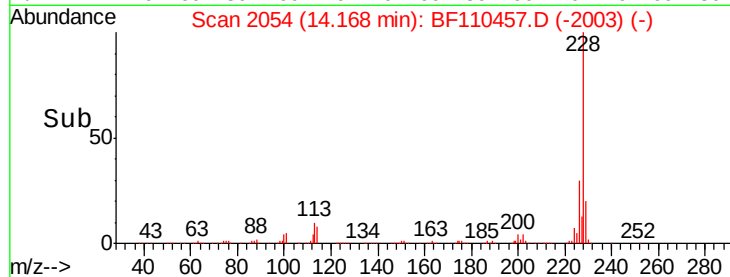
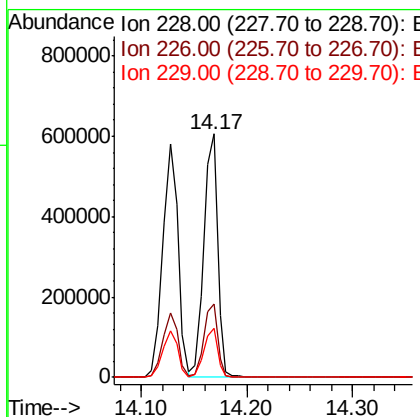
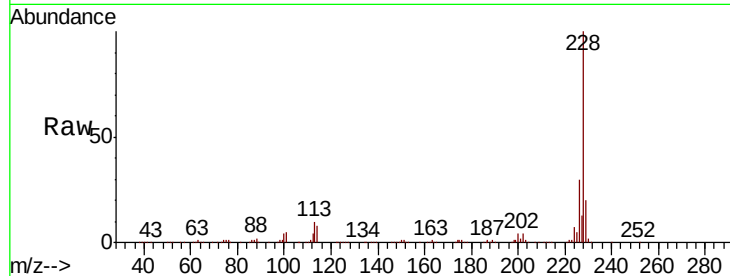




#83
 Chrysene
 Concen: 43.180 ng
 RT: 14.17 min Scan# 2054
 Delta R.T. 0.00 min
 Lab File: BF110457.D
 Acq: 5 Nov 2018 11:39

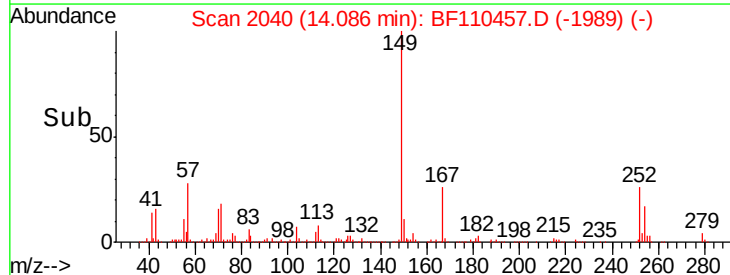
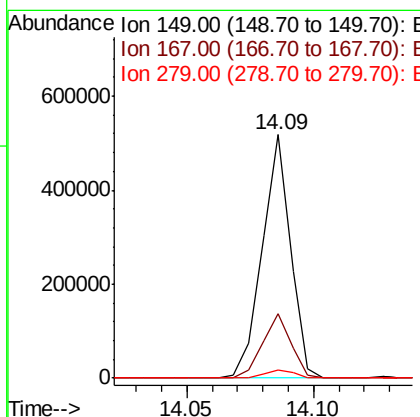
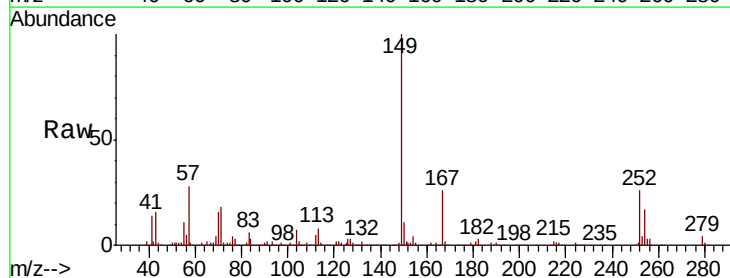
Instrument :
 BNA_F
 ClientSampleId :

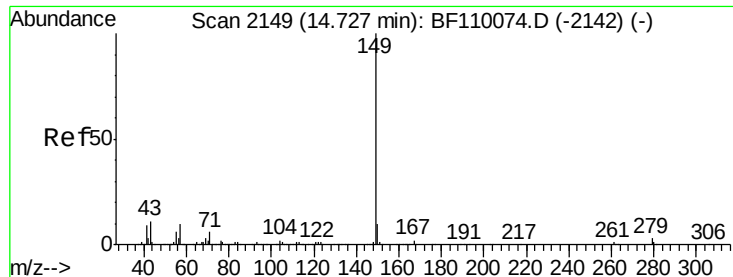
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.7	37.1
229	20.1	15.9	23.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.946 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.00 min
 Lab File: BF110457.D
 Acq: 5 Nov 2018 11:39

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.3	19.8	29.8
279	3.5	2.7	4.1

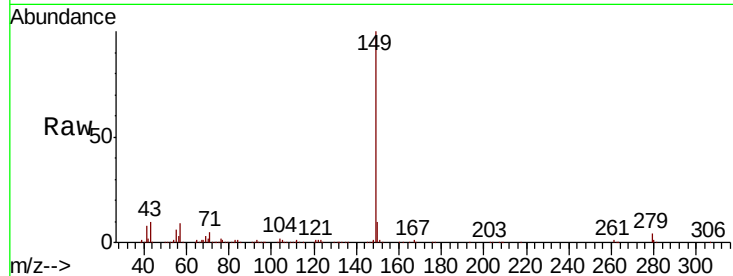




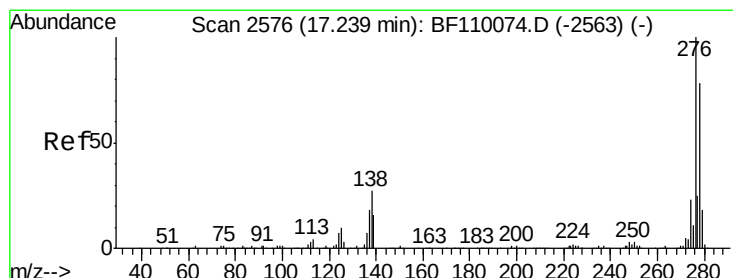
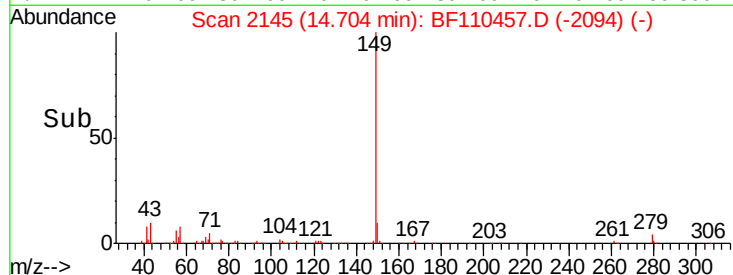
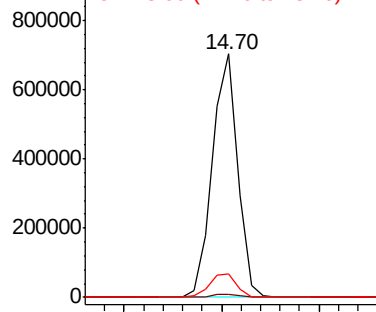
#85
Di-n-octyl phthalate
Concen: 43.076 ng
RT: 14.70 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 633872
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 10.4 7.8 11.8

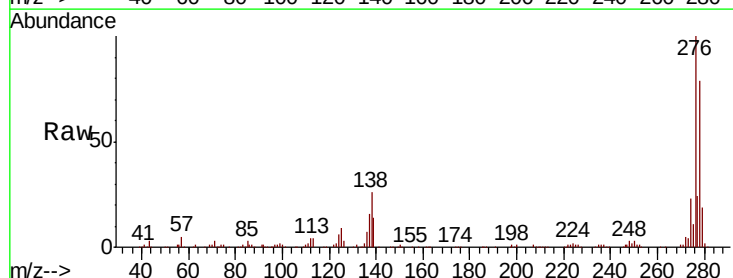


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

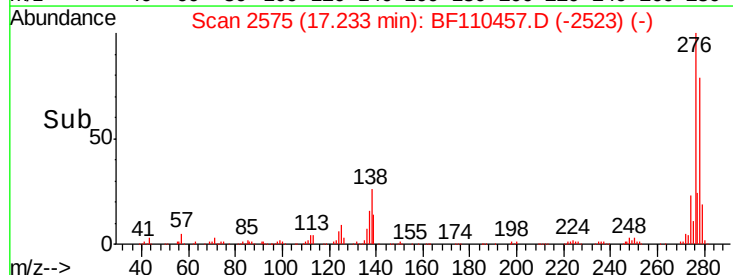
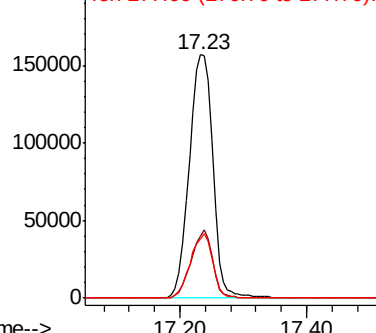


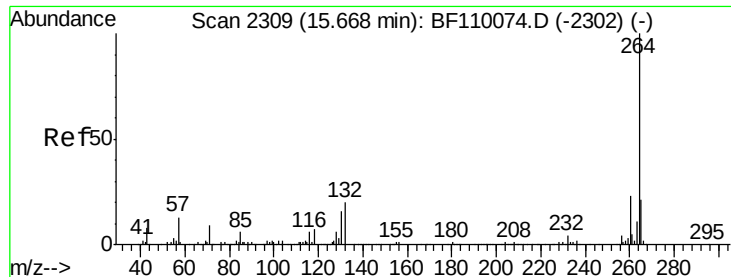
#86
Indeno(1,2,3-cd)pyrene
Concen: 38.789 ng
RT: 17.23 min Scan# 2575
Delta R.T. 0.01 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Tgt Ion:276 Resp: 407782
Ion Ratio Lower Upper
276 100
138 25.5 18.5 27.7
277 24.9 20.0 30.0



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

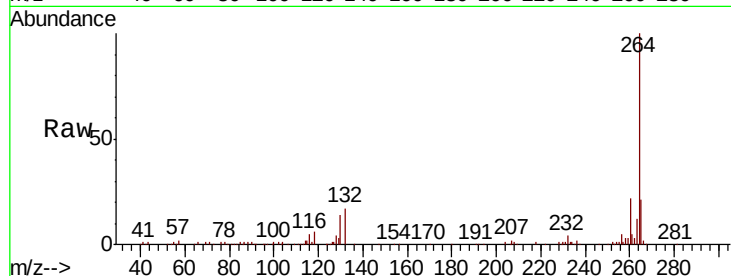




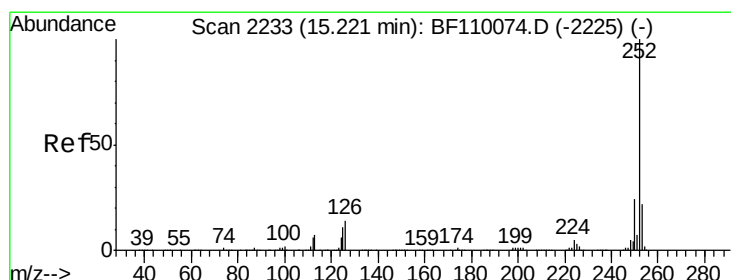
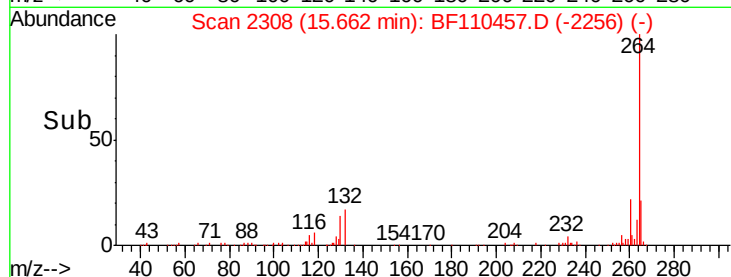
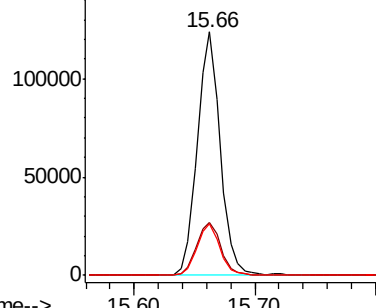
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.01 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 162929
Ion Ratio Lower Upper
264 100
260 22.0 18.7 28.1
265 21.1 16.7 25.1

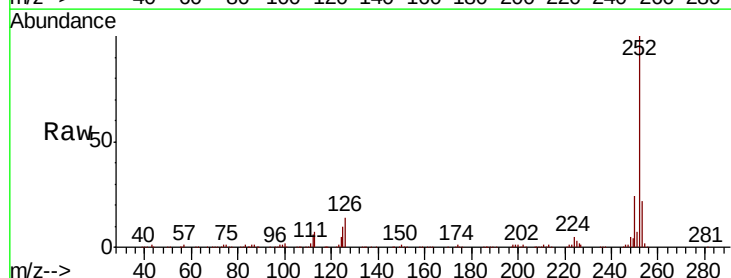


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

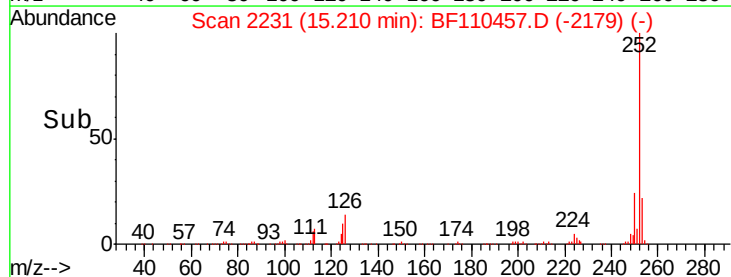
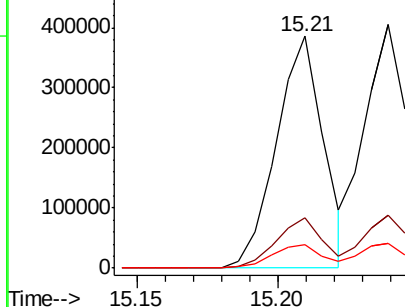


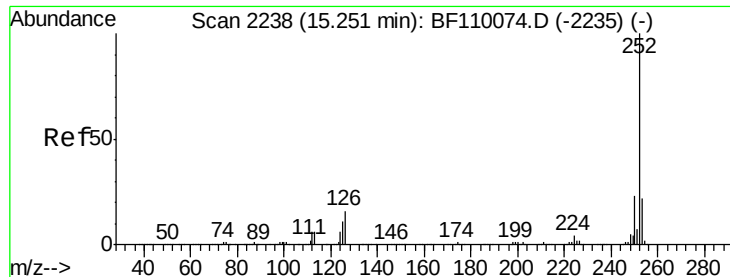
#88
Benzo(b)fluoranthene
Concen: 47.354 ng
RT: 15.21 min Scan# 2231
Delta R.T. 0.01 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Tgt Ion:252 Resp: 445531
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 10.2 8.2 12.4



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: 46.416 ng

RT: 15.24 min Scan# 2236

Delta R.T. 0.00 min

Lab File: BF110457.D

Acq: 5 Nov 2018 11:39

Instrument :

BNA_F

ClientSampled :

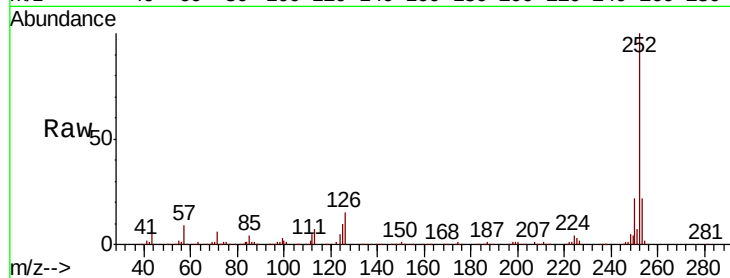
Tot Ion:252 Resp: 429325

Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

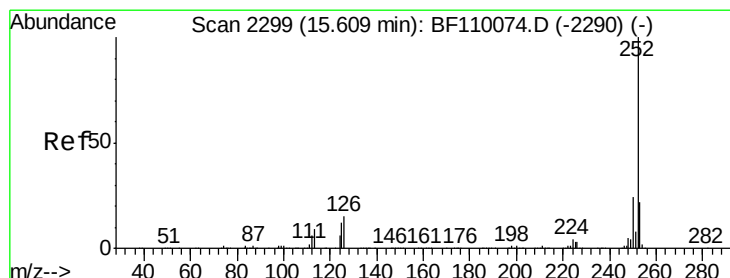
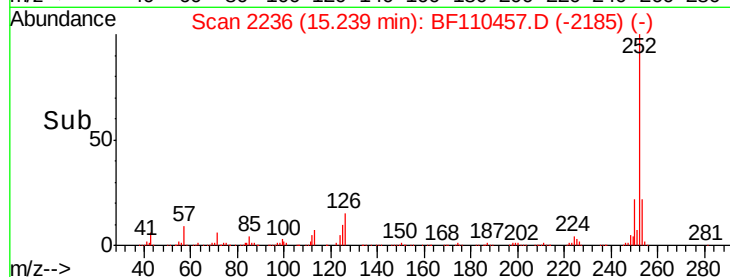
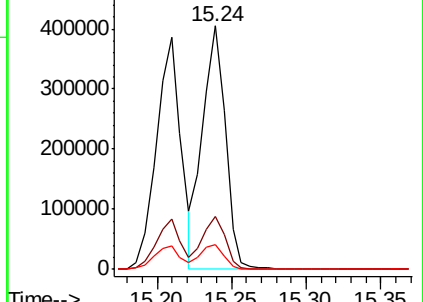
125 10.2 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 47.045 ng

RT: 15.60 min Scan# 2297

Delta R.T. 0.01 min

Lab File: BF110457.D

Acq: 5 Nov 2018 11:39

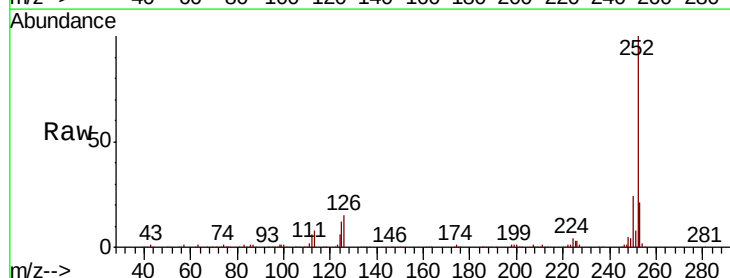
Tgt Ion:252 Resp: 407284

Ion Ratio Lower Upper

252 100

253 21.0 18.2 27.4

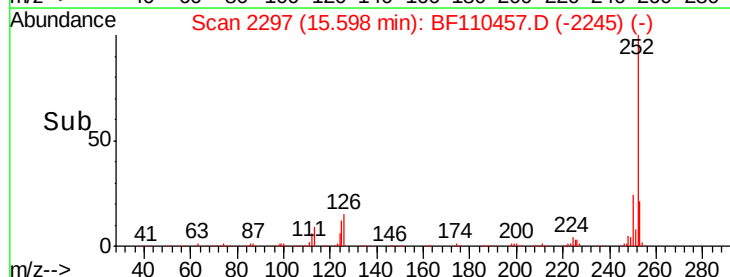
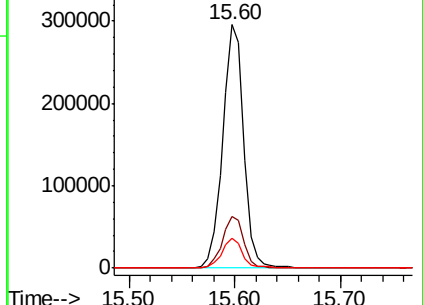
125 12.1 9.0 13.6

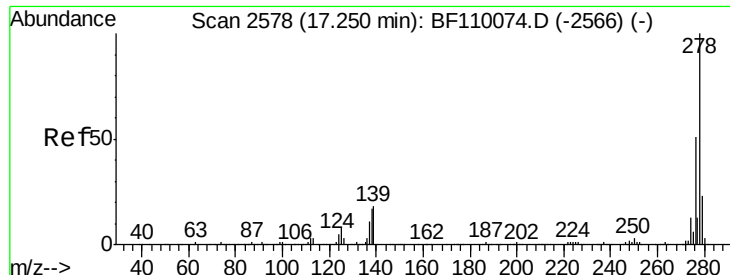


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

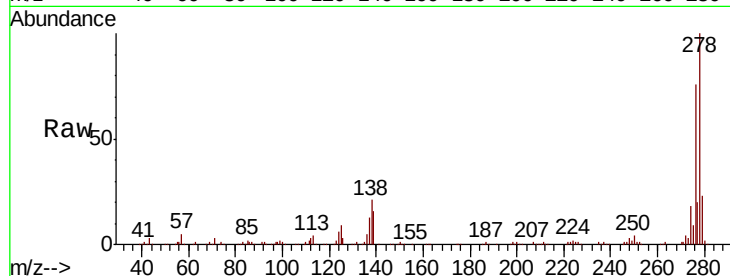




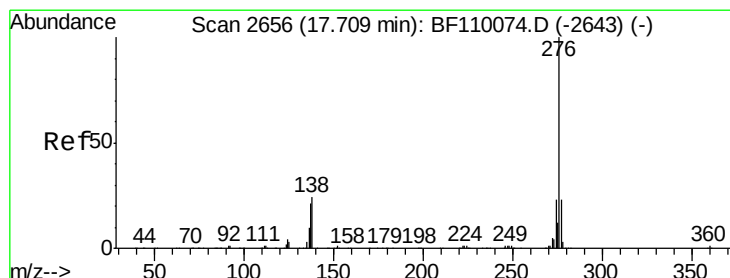
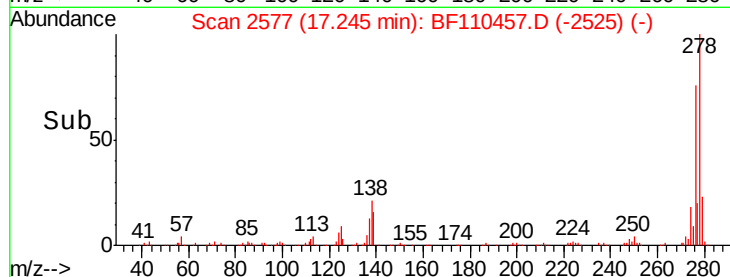
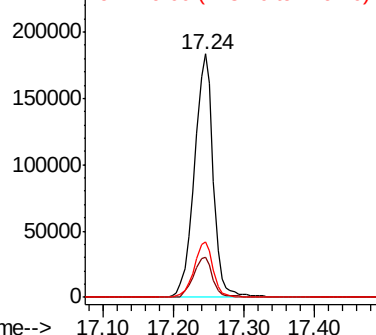
#91
Dibenzo(a,h)anthracene
Concen: 45.658 ng
RT: 17.24 min Scan# 2577
Delta R.T. 0.01 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 341067
Ion Ratio Lower Upper
278 100
139 16.4 12.7 19.1
279 22.7 19.0 28.4

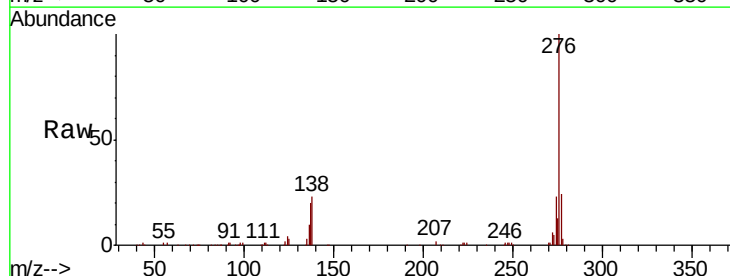


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 46.372 ng
RT: 17.71 min Scan# 2656
Delta R.T. 0.01 min
Lab File: BF110457.D
Acq: 5 Nov 2018 11:39

Tgt Ion:276 Resp: 341347
Ion Ratio Lower Upper
276 100
277 24.0 18.8 28.2
138 23.0 16.0 24.0



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

