

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110718\
 Data File : BF110557.D
 Acq On : 7 Nov 2018 16:02
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 08 16:21:16 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	6.95	152	94448	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	573709	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	338795	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	613975	20.00	ng	0.00
76) Chrysene-d12	14.14	240	373737	20.00	ng	0.00
87) Perylene-d12	15.67	264	285099	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	507180	87.45	ng	0.00
7) Phenol-d6	6.59	99	797337	107.48	ng	0.00
23) Nitrobenzene-d5	7.53	82	801737	82.89	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	274841	81.90	ng	0.00
45) 2-Fluorobiphenyl	9.32	172	1715414	79.51	ng	0.00
79) Terphenyl-d14	13.08	244	1627499	90.56	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.79	88	116484	38.333	ng	90
3) Pyridine	3.57	79	300326	44.374	ng	# 83
4) n-Nitrosodimethylamine	3.55	42	145931	51.464	ng	89
6) Aniline	6.62	93	489180	50.620	ng	# 54
8) 2-Chlorophenol	6.74	128	328568	49.137	ng	97
9) Benzaldehyde	6.51	77	153472	34.170	ng	98
10) Phenol	6.60	94	453601	57.202	ng	# 68
11) bis(2-Chloroethyl)ether	6.69	93	340866	52.248	ng	97
12) 1,3-Dichlorobenzene	6.89	146	297756	40.463	ng	99
13) 1,4-Dichlorobenzene	6.97	146	301236	40.476	ng	97
14) 1,2-Dichlorobenzene	7.12	146	298277	43.173	ng	98
15) Benzyl Alcohol	7.10	79	351889	61.673	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.22	45	570145	54.658	ng	73
17) 2-Methylphenol	7.20	107	312179	58.580	ng	# 84
18) Hexachloroethane	7.46	117	123323	45.260	ng	97
19) n-Nitroso-di-n-propylamine	7.37	70	328071	68.933	ng	96
20) 3+4-Methylphenols	7.36	107	412353	59.862	ng	# 89
22) Acetophenone	7.37	105	554863	41.973	ng	# 93
24) Nitrobenzene	7.55	77	400513	40.107	ng	95
25) Isophorone	7.78	82	819922	49.729	ng	97
26) 2-Nitrophenol	7.86	139	227125	47.795	ng	95
27) 2,4-Dimethylphenol	7.89	122	356109	45.199	ng	99
28) bis(2-Chloroethoxy)methane	7.98	93	531796	47.478	ng	99
29) 2,4-Dichlorophenol	8.10	162	357581	44.923	ng	99
30) 1,2,4-Trichlorobenzene	8.18	180	330269	37.043	ng	97
31) Naphthalene	8.26	128	1051467	39.766	ng	100
32) Benzoic acid	8.06	122	331545	54.447	ng	96
33) 4-Chloroaniline	8.31	127	544618	45.765	ng	99
34) Hexachlorobutadiene	8.36	225	190172	38.415	ng	100
35) Caprolactam	8.73	113	110692	39.899	ng	93
36) 4-Chloro-3-methylphenol	8.80	107	432823	50.285	ng	96
37) 2-Methylnaphthalene	8.95	142	801740	45.828	ng	100
38) 1-Methylnaphthalene	8.95	142	801740	47.423	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	392566	37.188	ng	98

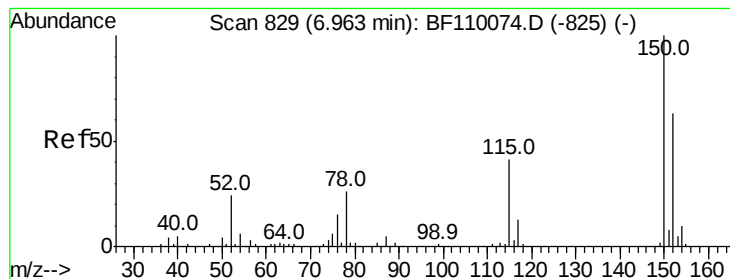
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110718\
 Data File : BF110557.D
 Acq On : 7 Nov 2018 16:02
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 08 16:21:16 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	208199	38.572	ng	99
43) 2,4,6-Trichlorophenol	9.23	196	277975	40.827	ng	96
44) 2,4,5-Trichlorophenol	9.28	196	284540	39.536	ng	93
46) 1,1'-Biphenyl	9.42	154	1202087	39.236	ng	99
47) 2-Chloronaphthalene	9.45	162	863005	38.401	ng	98
48) 2-Nitroaniline	9.55	65	286772	42.110	ng	95
49) Acenaphthylene	9.87	152	1202340	37.042	ng	98
50) Dimethylphthalate	9.72	163	1038685	41.532	ng	100
51) 2,6-Dinitrotoluene	9.79	165	227654	42.260	ng	96
52) Acenaphthene	10.04	154	793458	36.951	ng	97
53) 3-Nitroaniline	9.97	138	254358	39.705	ng	93
54) 2,4-Dinitrophenol	10.07	184	96722	47.488	ng	92
55) Dibenzofuran	10.21	168	1125334	37.431	ng	99
56) 4-Nitrophenol	10.13	139	180187	38.003	ng	97
57) 2,4-Dinitrotoluene	10.20	165	275454	40.256	ng	96
58) Fluorene	10.56	166	883145	39.469	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.29	232	236016	40.234	ng	98
60) Diethylphthalate	10.42	149	1008107	41.294	ng	99
61) 4-Chlorophenyl-phenylether	10.54	204	460647	39.026	ng	98
62) 4-Nitroaniline	10.60	138	257130	40.356	ng	90
63) Azobenzene	10.70	77	957960	39.532	ng	96
65) 4,6-Dinitro-2-methylphenol	10.62	198	142100	50.658	ng	98
66) n-Nitrosodiphenylamine	10.66	169	850243	42.220	ng	97
67) 4-Bromophenyl-phenylether	11.03	248	282031	42.348	ng	96
68) Hexachlorobenzene	11.10	284	292540	41.399	ng	# 93
69) Atrazine	11.19	200	242334	38.078	ng	98
70) Pentachlorophenol	11.30	266	173334	42.067	ng	98
71) Phenanthrene	11.52	178	1261293	39.261	ng	100
72) Anthracene	11.57	178	1266969	39.345	ng	100
73) Carbazole	11.73	167	1219101	38.774	ng	100
74) Di-n-butylphthalate	12.04	149	1484022	41.792	ng	99
75) Fluoranthene	12.72	202	1212877	37.200	ng	99
77) Benzidine	12.83	184	252355	18.444	ng	97
78) Pyrene	12.94	202	1244312	46.440	ng	99
80) Butylbenzylphthalate	13.54	149	559001	48.067	ng	99
81) Benzo(a)anthracene	14.13	228	905383	40.850	ng	99
82) 3,3'-Dichlorobenzidine	14.09	252	262232	33.978	ng	99
83) Chrysene	14.17	228	850448	40.400	ng	99
84) Bis(2-ethylhexyl)phthalate	14.09	149	687665	43.742	ng	99
85) Di-n-octyl phthalate	14.70	149	1023537	41.871	ng	98
86) Indeno(1,2,3-cd)pyrene	17.26	276	698322	39.987	ng	97
88) Benzo(b)fluoranthene	15.22	252	659915	40.084	ng	98
89) Benzo(k)fluoranthene	15.24	252	656443	40.558	ng	# 97
90) Benzo(a)pyrene	15.60	252	618332	40.817	ng	97
91) Dibenzo(a,h)anthracene	17.26	278	575908	44.059	ng	100
92) Benzo(g,h,i)perylene	17.73	276	586298	45.518	ng	98

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

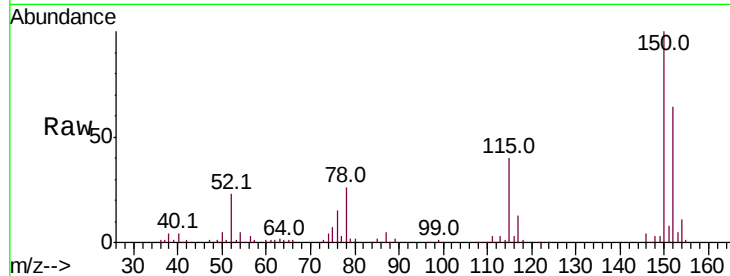


#1

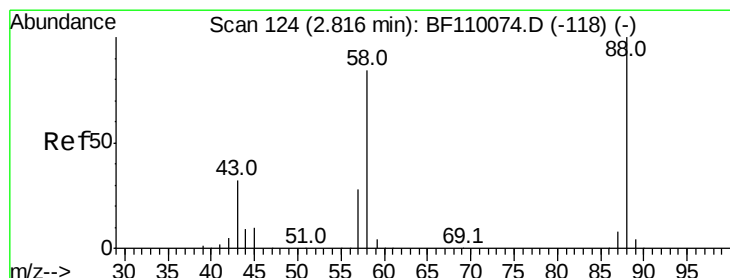
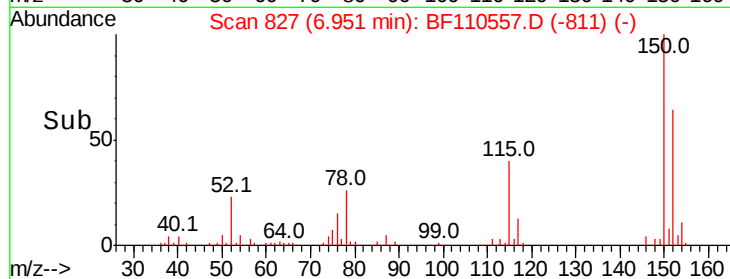
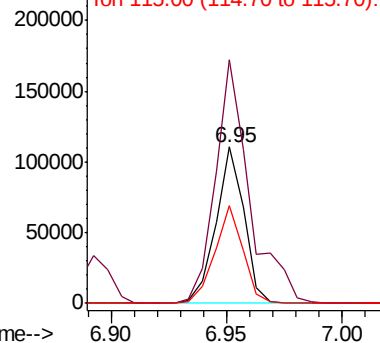
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 94448
Ion Ratio Lower Upper
152 100
150 156.0 122.7 184.1
115 62.9 49.1 73.7



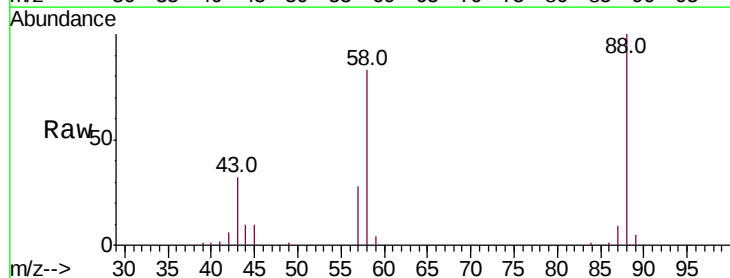
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



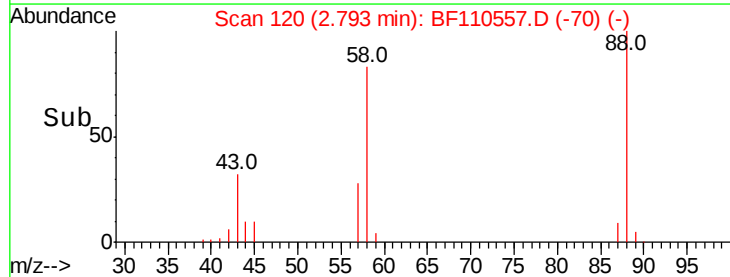
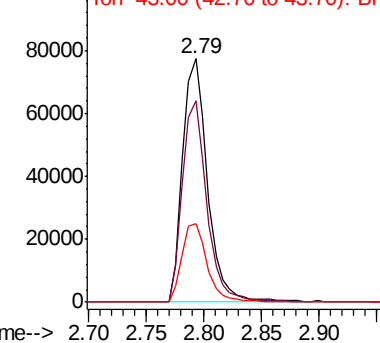
#2

1,4-Dioxane
Concen: 38.333 ng
RT: 2.79 min Scan# 120
Delta R.T. -0.01 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Tgt Ion: 88 Resp: 116484
Ion Ratio Lower Upper
88 100
58 81.2 57.1 85.7
43 32.7 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: 44.374 ng

RT: 3.57 min Scan# 253

Delta R.T. -0.01 min

Lab File: BF110557.D

Acq: 7 Nov 2018 16:02

Instrument :

BNA_F

ClientSampleId :

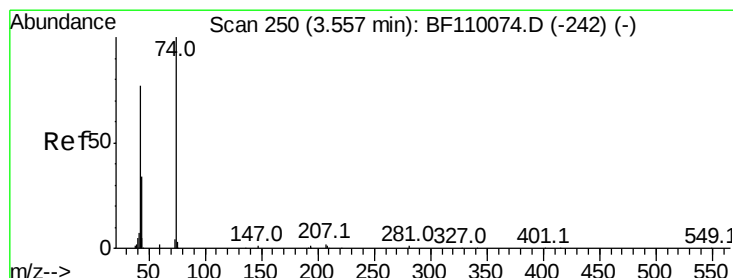
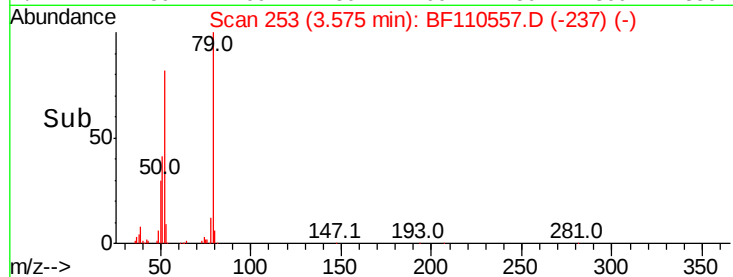
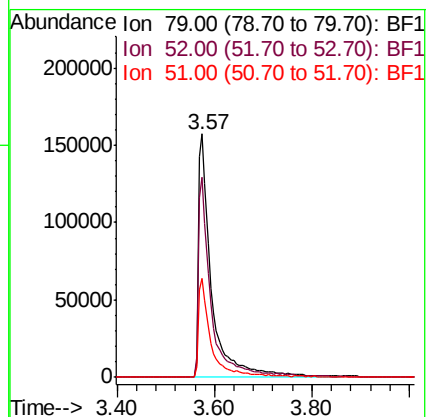
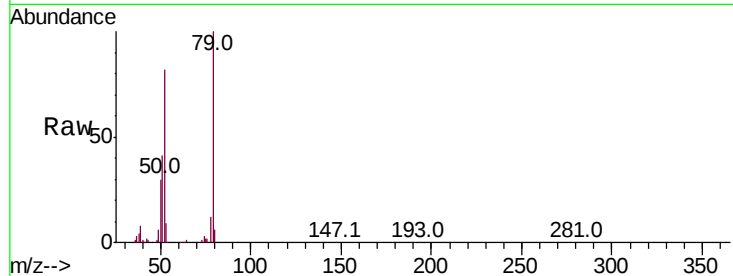
Tot Ion: 79 Resp: 300326

Ion Ratio Lower Upper

79 100

52 82.4 53.1 79.7#

51 40.8 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 51.464 ng

RT: 3.55 min Scan# 249

Delta R.T. 0.01 min

Lab File: BF110557.D

Acq: 7 Nov 2018 16:02

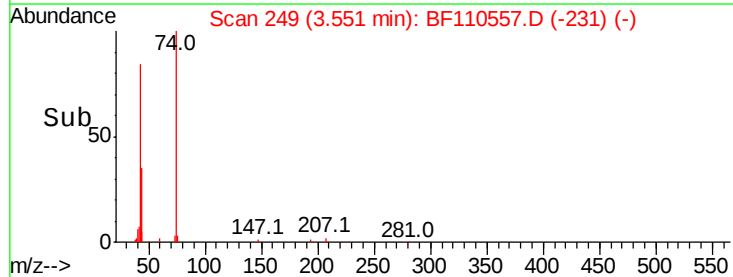
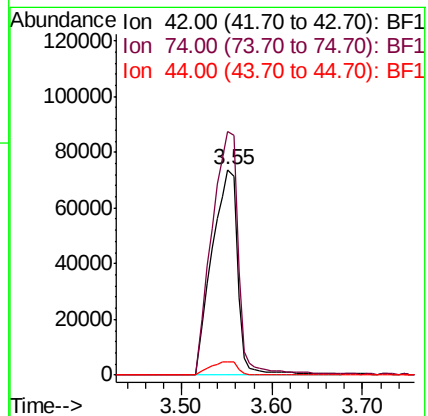
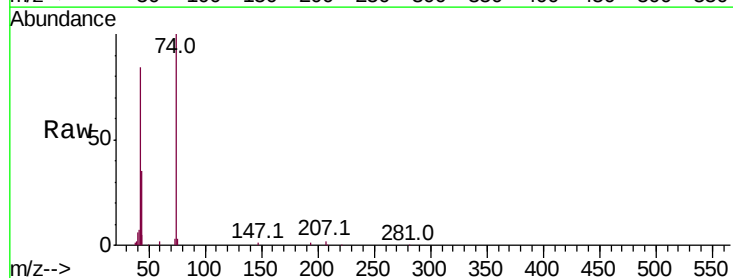
Tgt Ion: 42 Resp: 145931

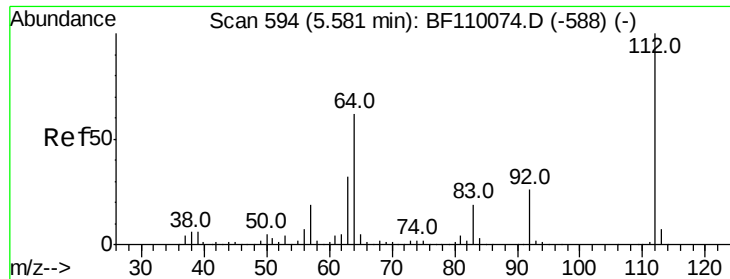
Ion Ratio Lower Upper

42 100

74 118.5 105.5 158.3

44 6.5 4.9 7.3





#5

2-Fluorophenol

Concen: 87.447 ng

RT: 5.57 min Scan# 592

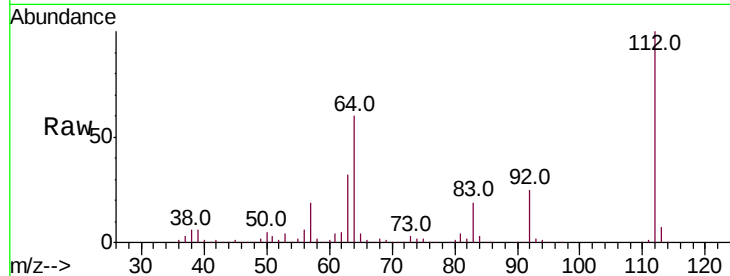
Delta R.T. -0.01 min

Lab File: BF110557.D

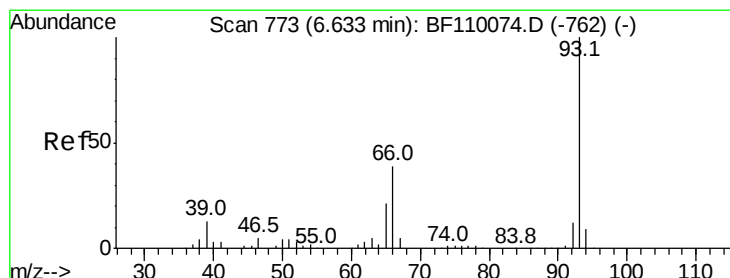
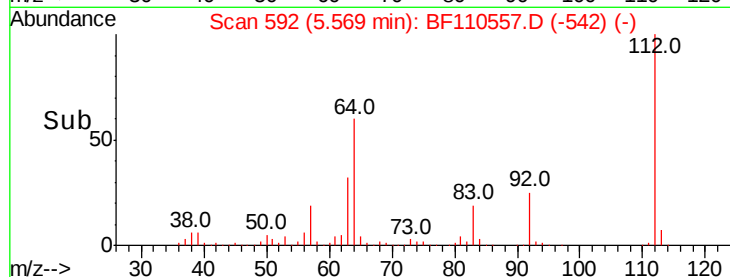
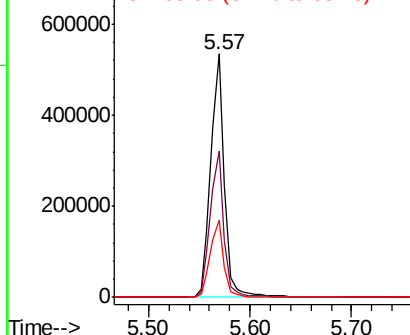
Acq: 7 Nov 2018 16:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	507180
Ion	Ratio	Lower	Upper
112	100		
64	59.9	44.1	66.1
63	31.8	23.7	35.5



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



#6

Aniline

Concen: 50.620 ng

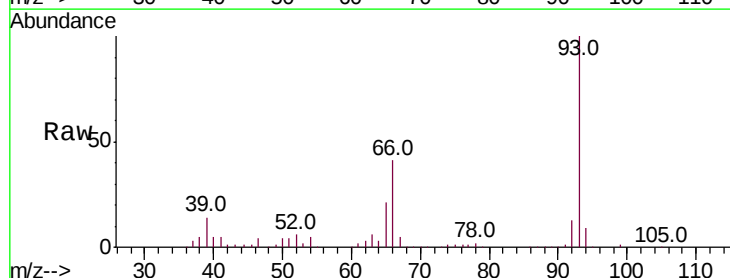
RT: 6.62 min Scan# 771

Delta R.T. 0.00 min

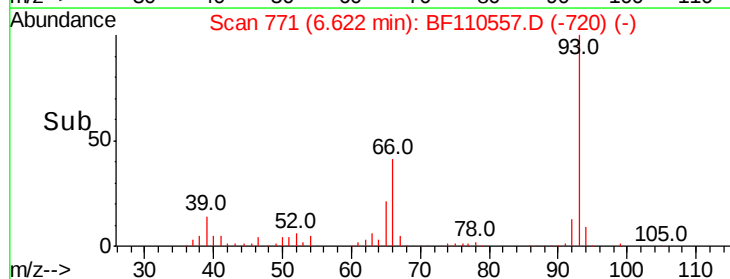
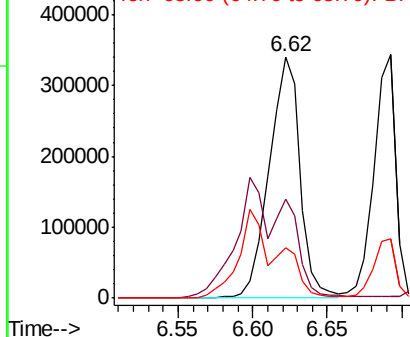
Lab File: BF110557.D

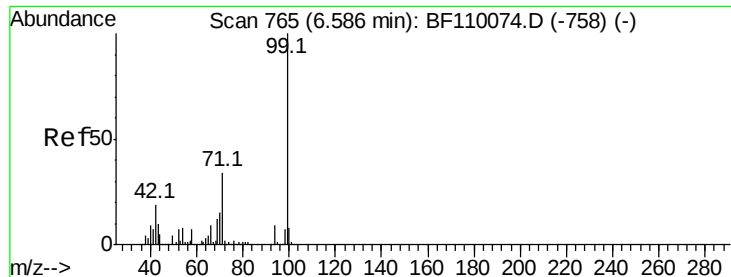
Acq: 7 Nov 2018 16:02

Tgt Ion:	93	Resp:	489180
Ion	Ratio	Lower	Upper
93	100		
66	41.1	67.4	101.0#
65	21.0	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: 107.480 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF110557.D

Acq: 7 Nov 2018 16:02

Instrument :

BNA_F

ClientSampleId :

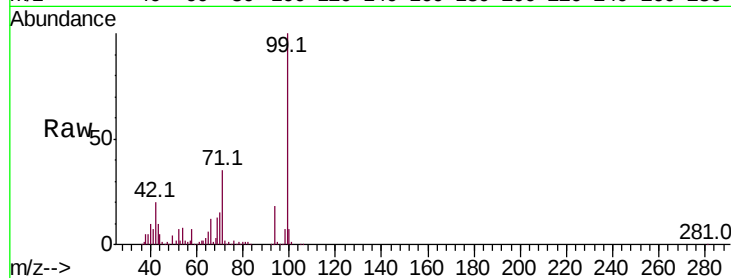
Tot Ion: 99 Resp: 797337

Ion Ratio Lower Upper

99 100

42 19.6 15.8 23.6

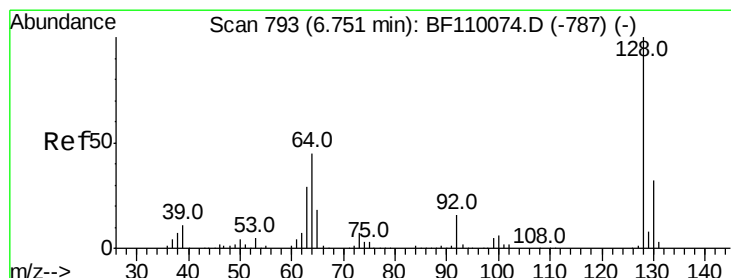
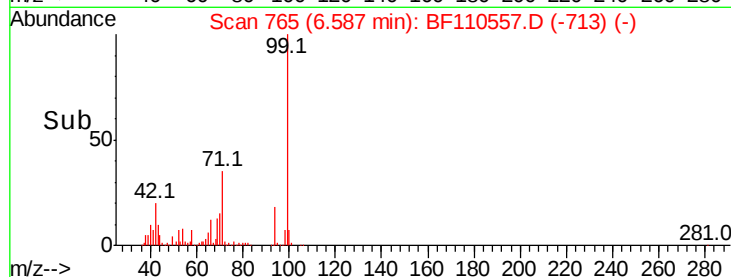
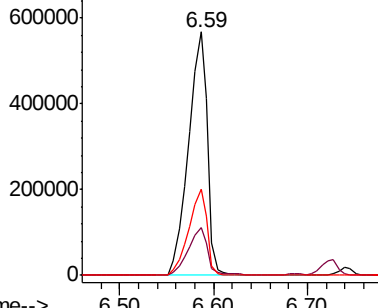
71 35.2 28.0 42.0



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: 49.137 ng

RT: 6.74 min Scan# 791

Delta R.T. -0.01 min

Lab File: BF110557.D

Acq: 7 Nov 2018 16:02

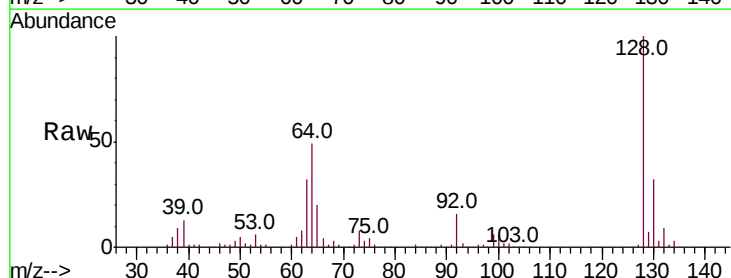
Tgt Ion:128 Resp: 328568

Ion Ratio Lower Upper

128 100

130 32.5 13.1 53.1

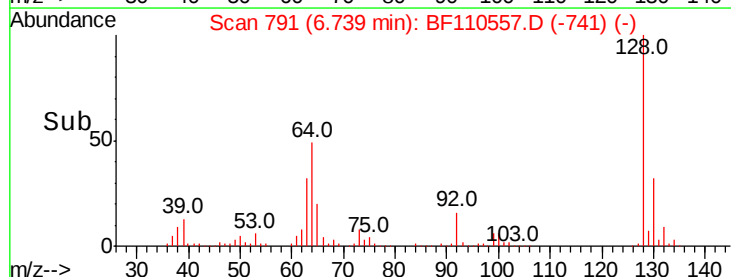
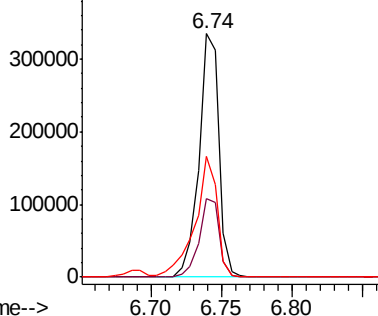
64 49.5 26.0 66.0

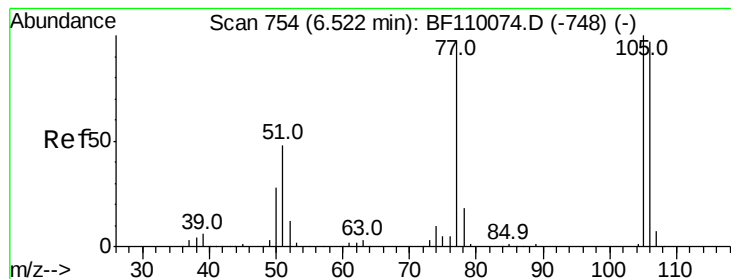


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 34.170 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF110557.D

Acq: 7 Nov 2018 16:02

Instrument :

BNA_F

ClientSampleId :

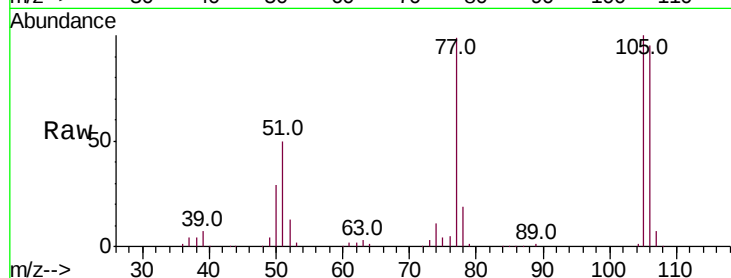
Tot Ion: 77 Resp: 153472

Ion Ratio Lower Upper

77 100

105 101.4 78.6 118.6

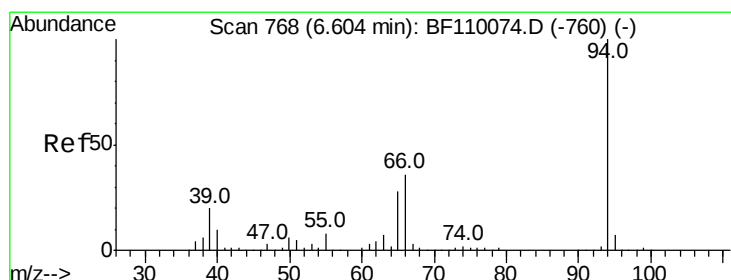
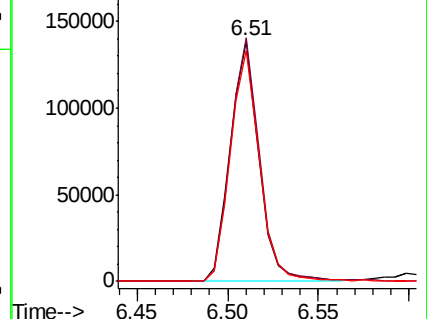
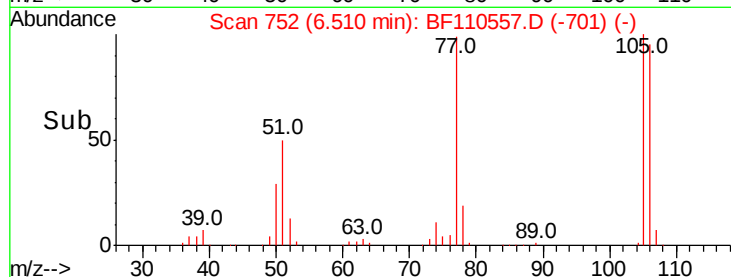
106 96.0 74.8 114.8



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: 57.202 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF110557.D

Acq: 7 Nov 2018 16:02

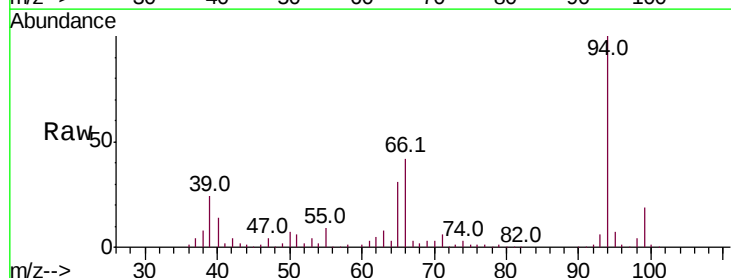
Tgt Ion: 94 Resp: 453601

Ion Ratio Lower Upper

94 100

65 31.1 25.3 65.3

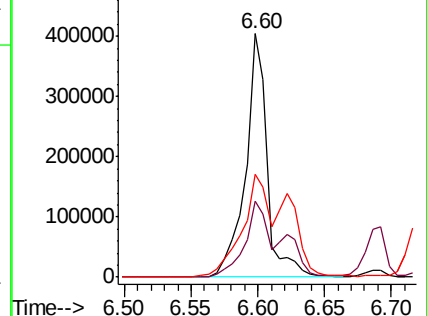
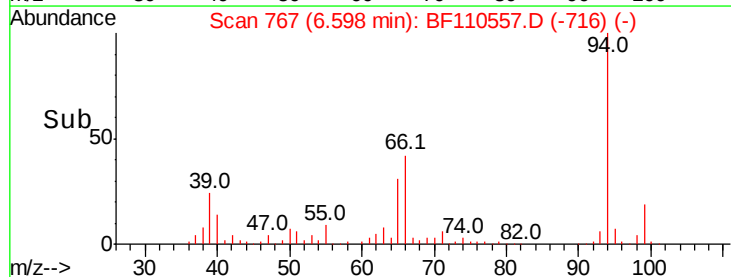
66 42.3 54.5 94.5#

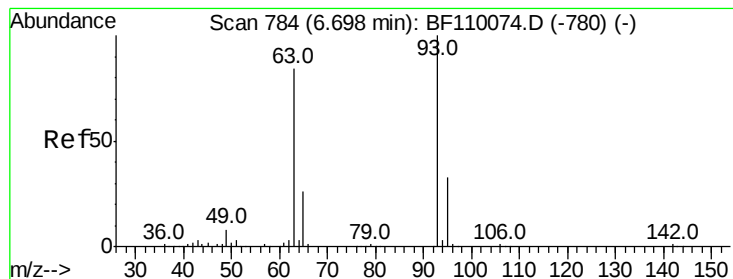


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

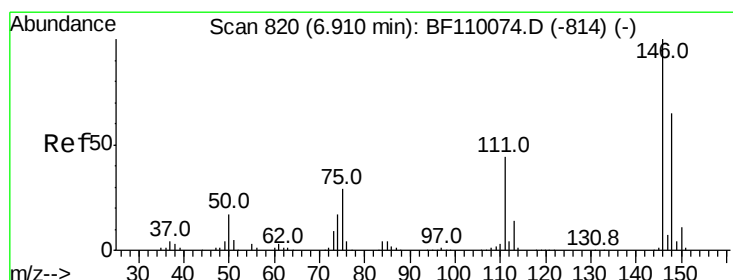
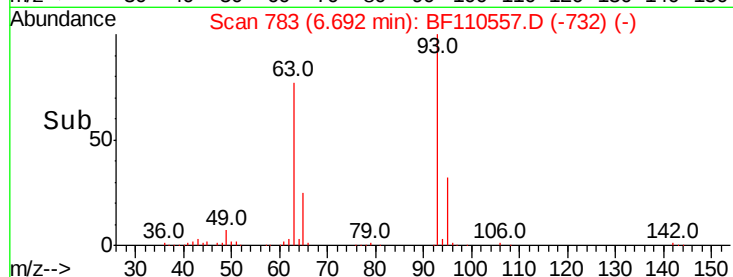
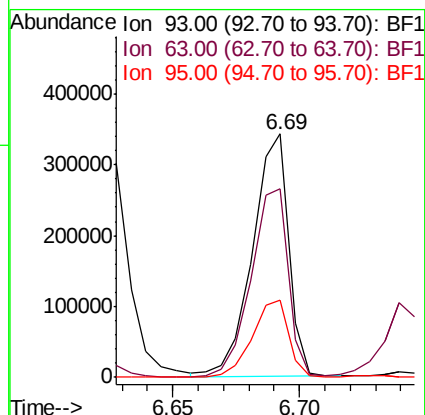
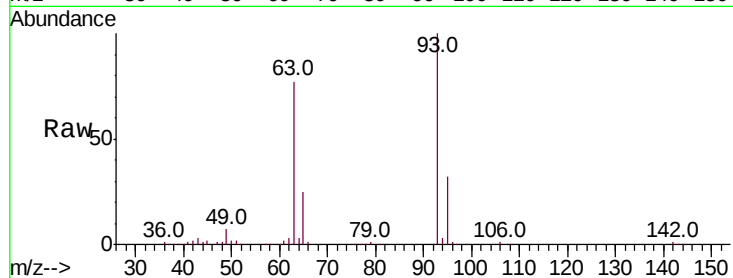




#11
bis(2-Chloroethyl)ether
Concen: 52.248 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

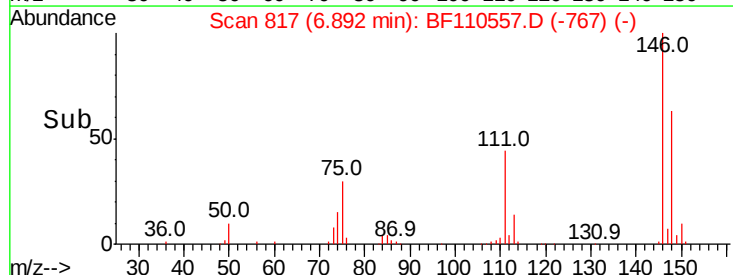
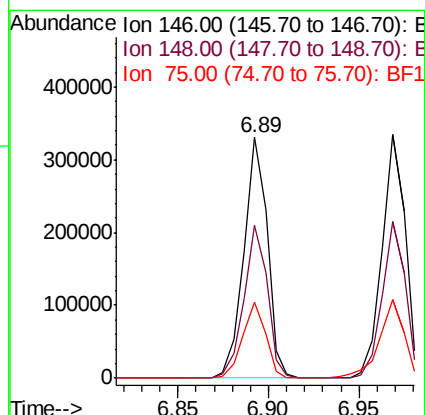
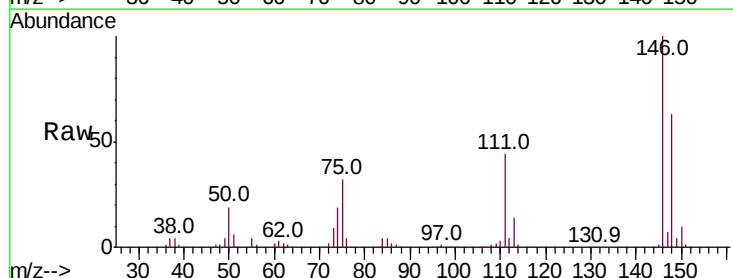
Instrument :
BNA_F
ClientSampleId :

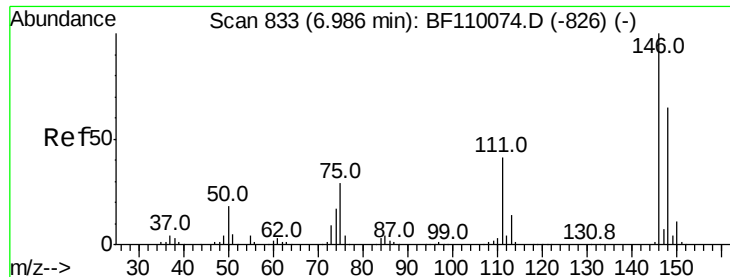
Tot Ion: 93 Resp: 340866
Ion Ratio Lower Upper
93 100
63 77.3 53.4 93.4
95 31.9 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 40.463 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Tgt Ion: 146 Resp: 297756
Ion Ratio Lower Upper
146 100
148 63.3 50.4 75.6
75 31.5 25.8 38.6

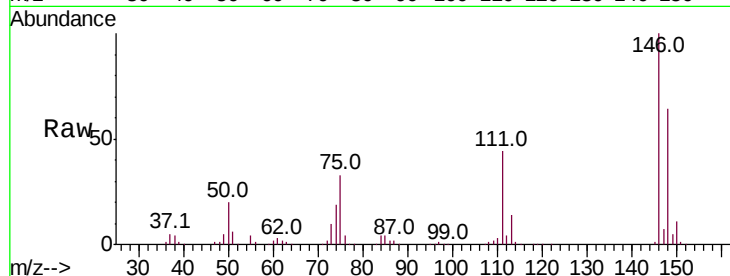




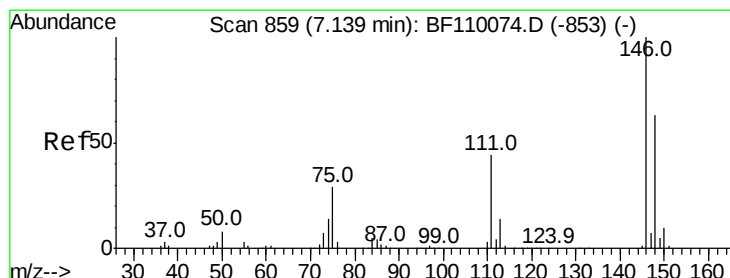
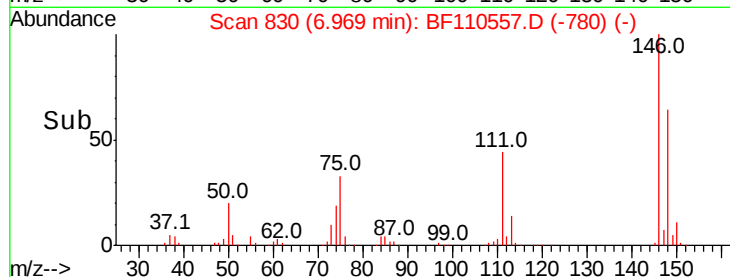
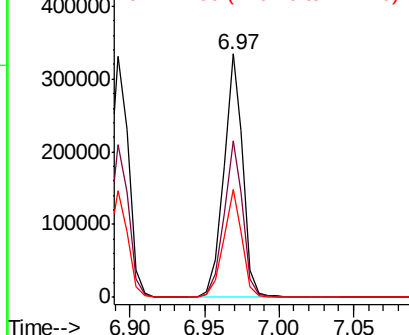
#13
 1,4-Dichlorobenzene
 Concen: 40.476 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BF110557.D
 Acq: 7 Nov 2018 16:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.3	75.5
111	44.3	32.7	49.1

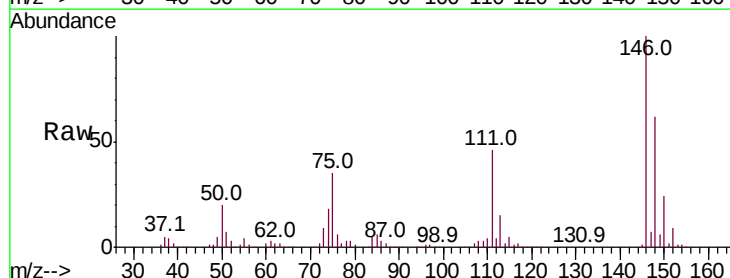


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

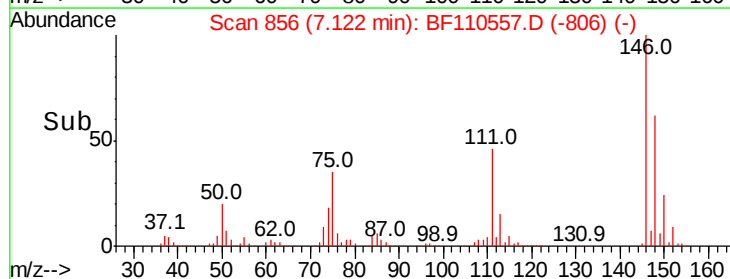
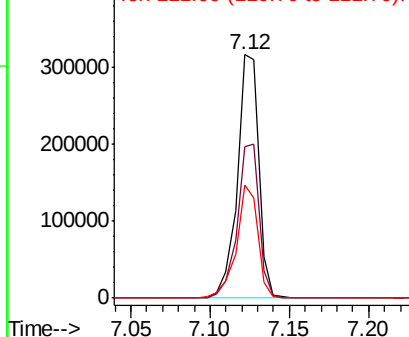


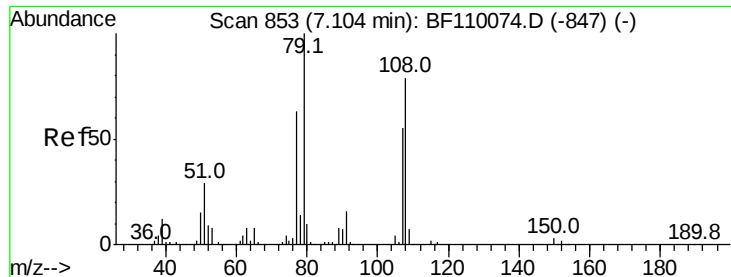
#14
 1,2-Dichlorobenzene
 Concen: 43.173 ng
 RT: 7.12 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: BF110557.D
 Acq: 7 Nov 2018 16:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.1	51.1	76.7
111	46.5	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: 61.673 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF110557.D

Acq: 7 Nov 2018 16:02

Instrument :
BNA_F
ClientSampleId :

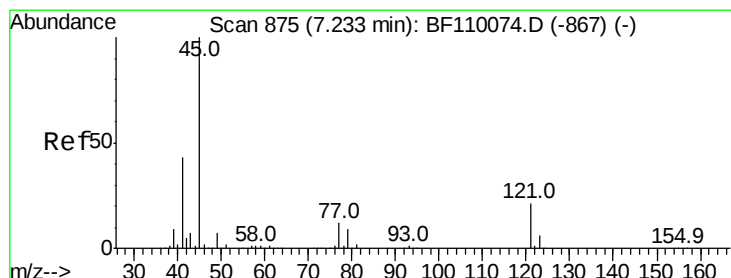
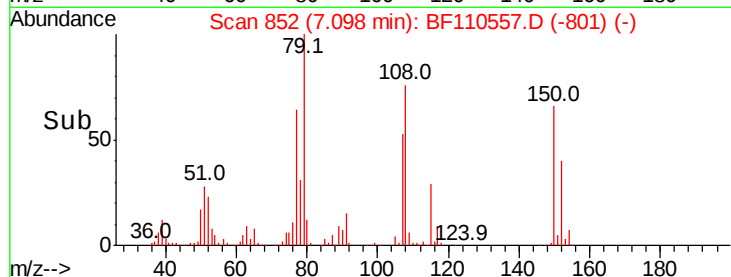
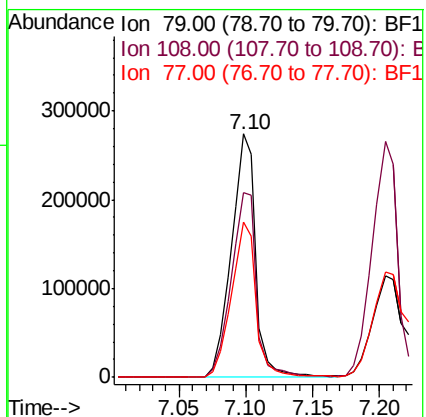
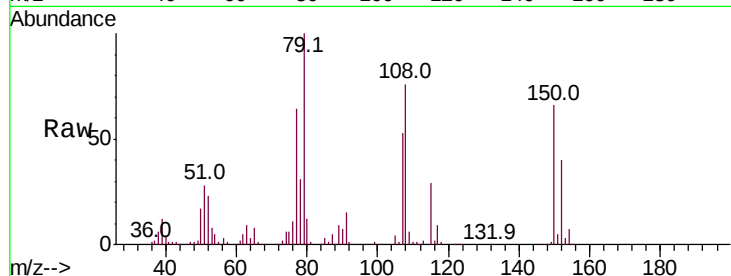
Tot Ion: 79 Resp: 351889

Ion Ratio Lower Upper

79 100

108 76.0 56.3 84.5

77 63.9 52.9 79.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 54.658 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF110557.D

Acq: 7 Nov 2018 16:02

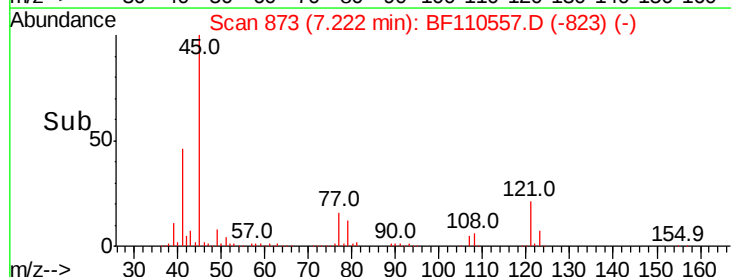
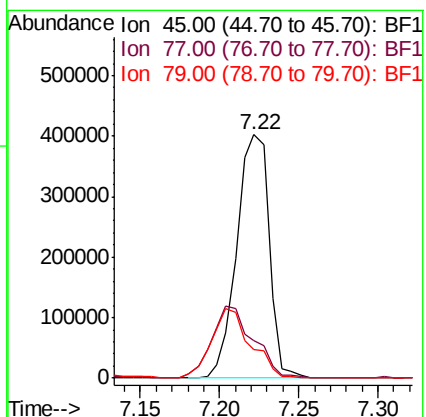
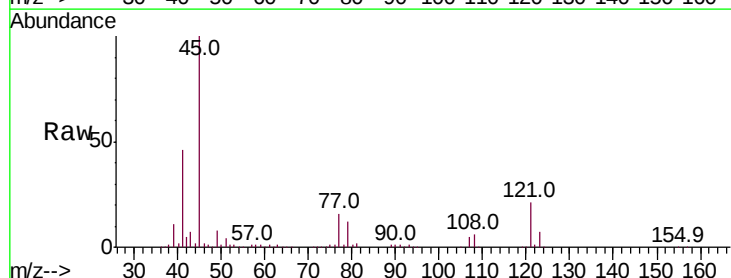
Tgt Ion: 45 Resp: 570145

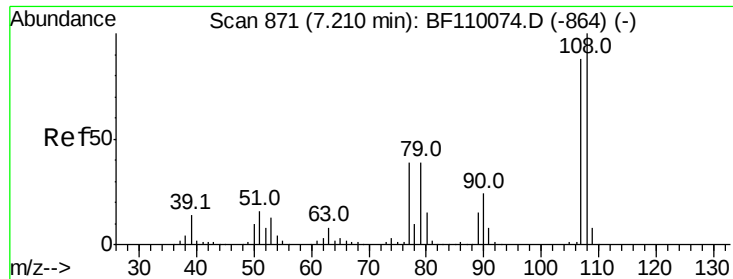
Ion Ratio Lower Upper

45 100

77 15.5 10.0 50.0

79 11.9 6.1 46.1





#17

2-Methylphenol

Concen: 58.580 ng

RT: 7.20 min Scan# 870

Delta R.T. 0.00 min

Lab File: BF110557.D

Acq: 7 Nov 2018 16:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 312179

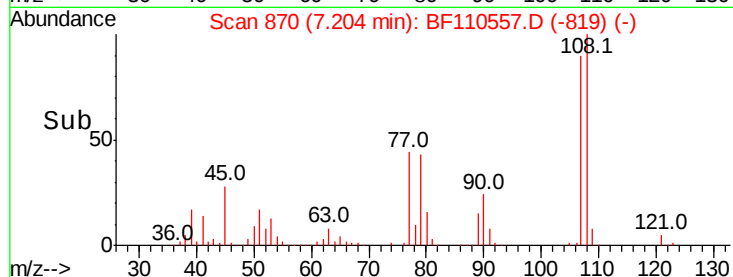
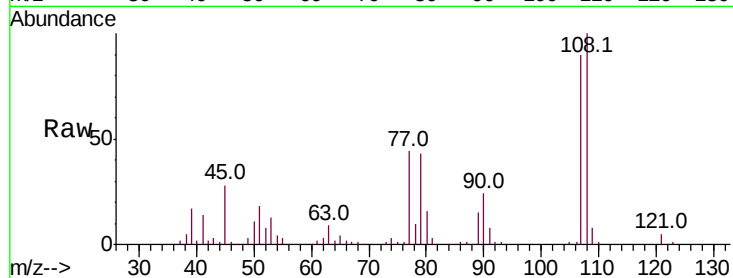
Ion Ratio Lower Upper

107 100

108 111.6 92.6 138.8

77 49.5 59.4 89.2#

79 48.1 54.0 81.0#



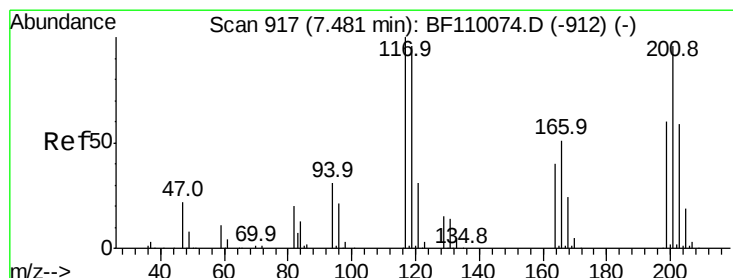
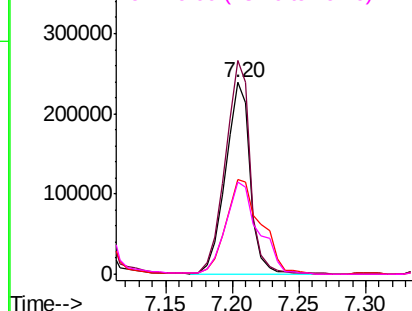
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 45.260 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.01 min

Lab File: BF110557.D

Acq: 7 Nov 2018 16:02

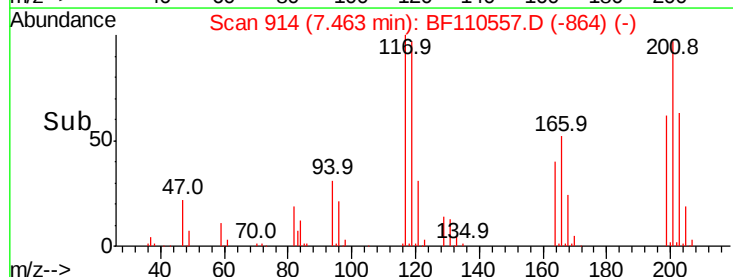
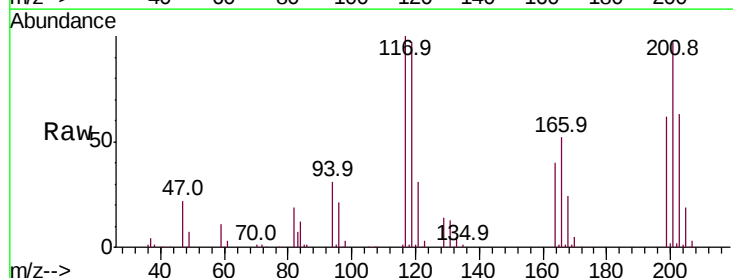
Tgt Ion:117 Resp: 123323

Ion Ratio Lower Upper

117 100

119 96.9 75.0 112.6

201 97.1 79.2 118.8

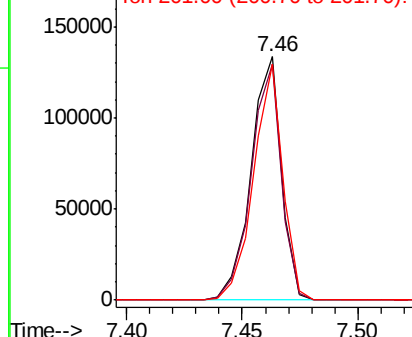


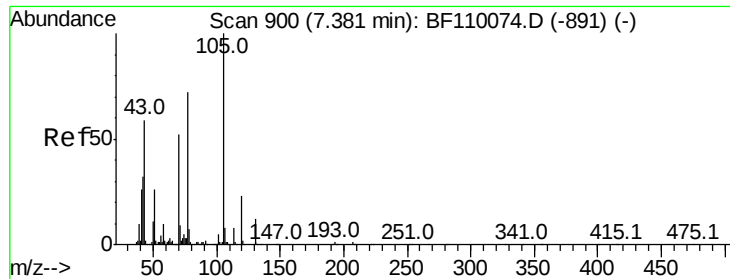
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

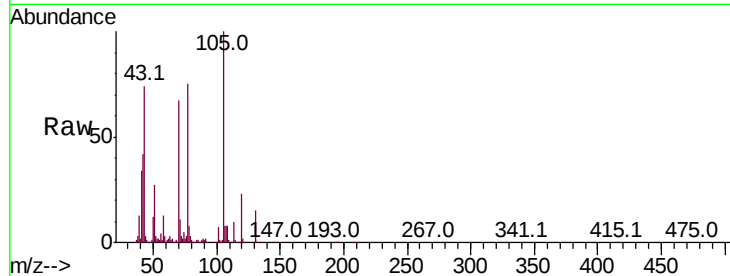




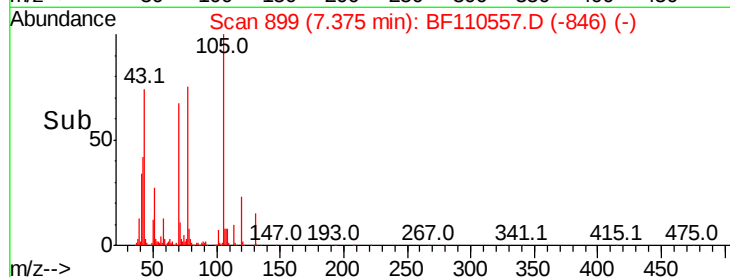
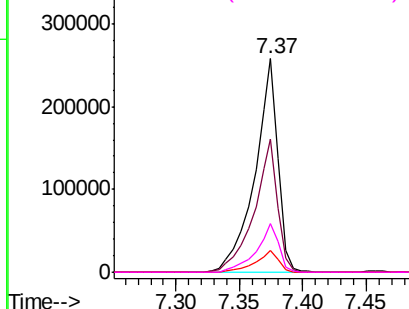
#19
n-Nitroso-di-n-propylamine
Concen: 68.933 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.01 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	328071
Ion	Ratio	Lower	Upper
70	100		
42	62.1	47.4	71.2
101	10.1	7.3	10.9
130	22.9	16.2	24.2

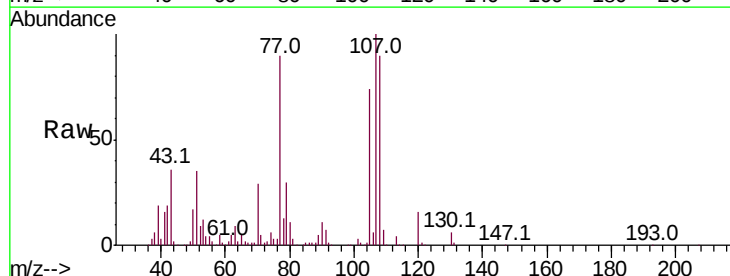
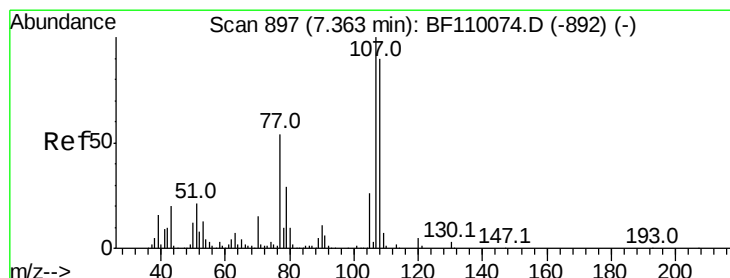


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

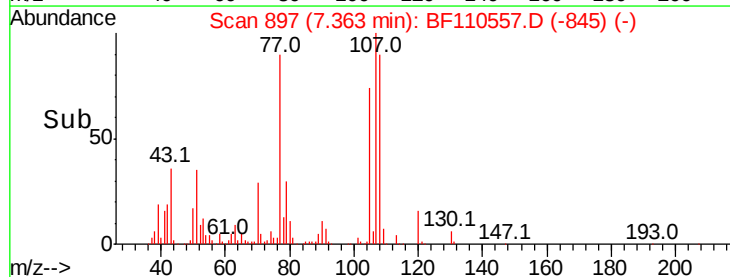
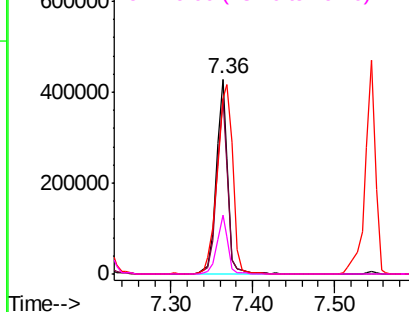


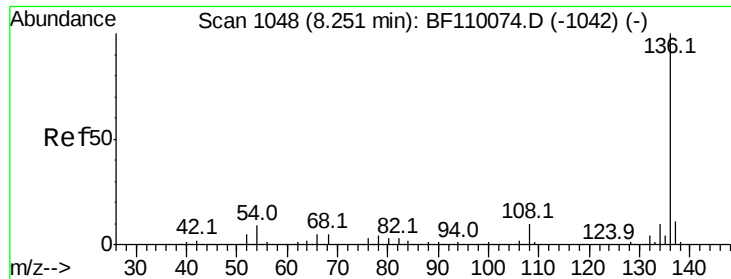
#20
3+4-Methylphenols
Concen: 59.862 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.01 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Tgt Ion:	107	Resp:	412353
Ion	Ratio	Lower	Upper
107	100		
108	89.8	71.4	111.4
77	89.8	47.3	87.3#
79	30.2	10.9	50.9



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

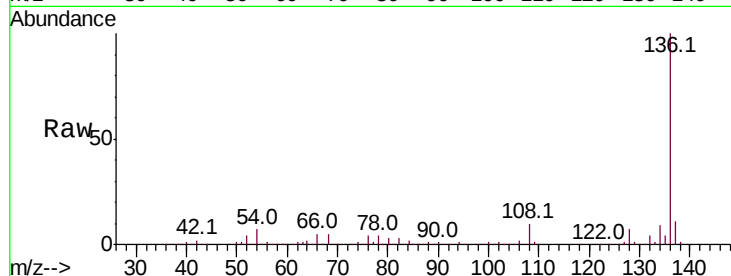




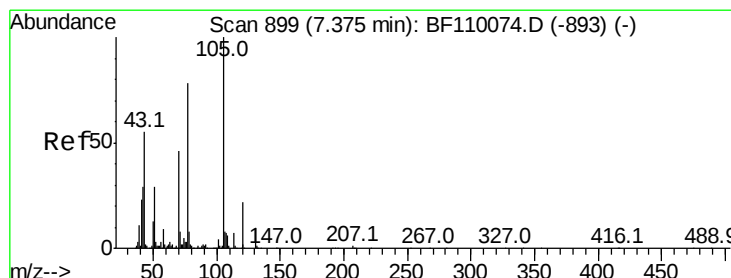
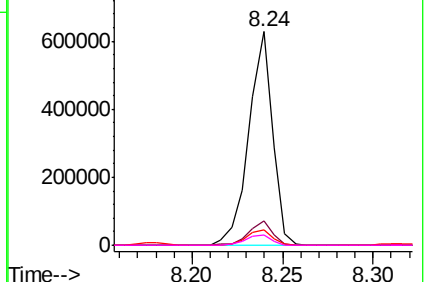
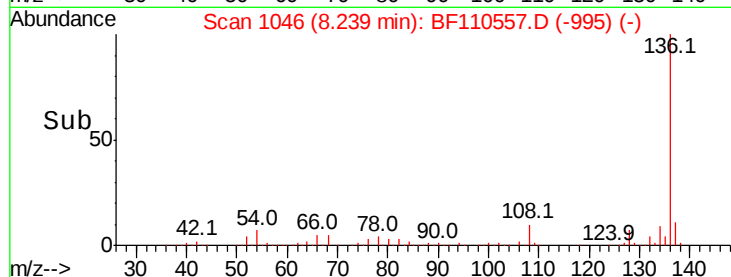
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	573709	
Ion Ratio	Lower	Upper	
136 100			
137 11.2	8.8	13.2	
54 7.5	5.4	8.2	
68 5.1	4.2	6.2	

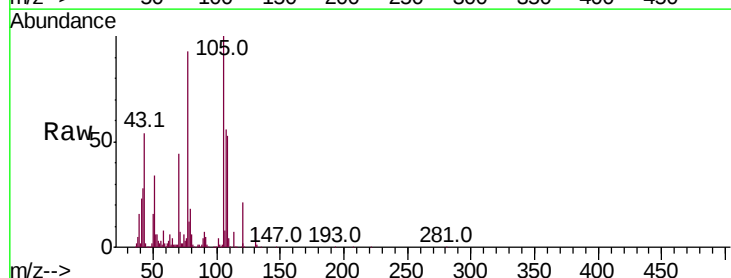


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

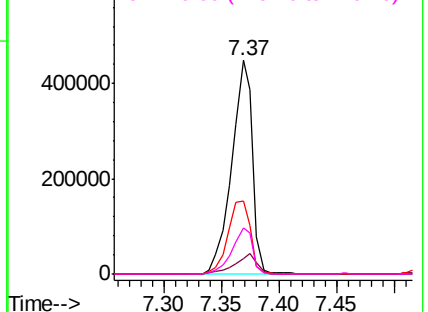
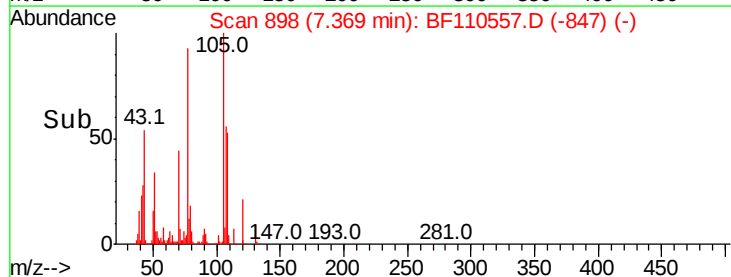


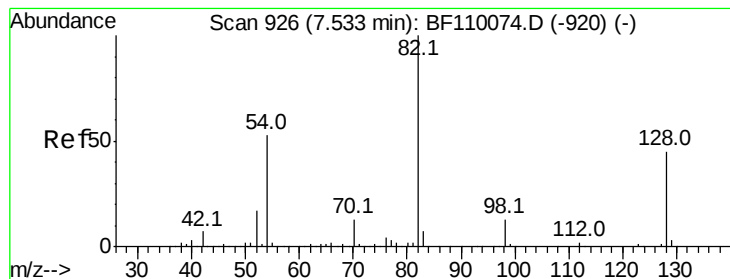
#22
Acetophenone
Concen: 41.973 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Tgt	Ion:105	Resp:	554863
Ion	Ratio	Lower	Upper
105	100		
71	7.4	5.2	7.8
51	34.3	21.8	32.8#
120	21.5	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: 82.888 ng

RT: 7.53 min Scan# 925

Delta R.T. 0.01 min

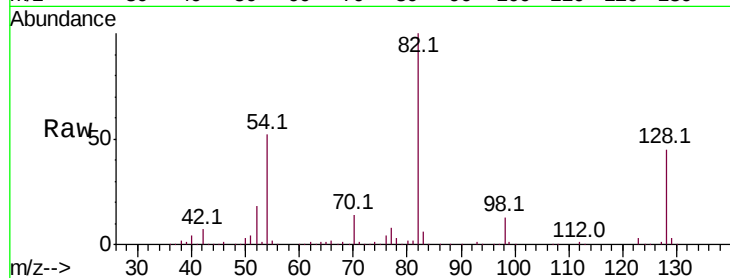
Lab File: BF110557.D

Acq: 7 Nov 2018 16:02

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 801737

Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.2	51.2
54	52.2	38.6	58.0

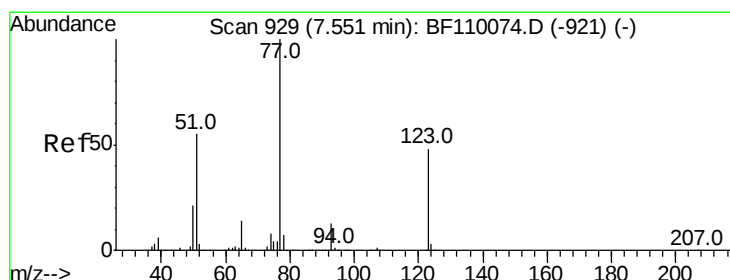
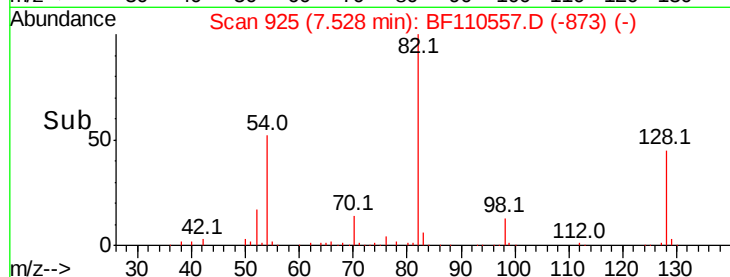
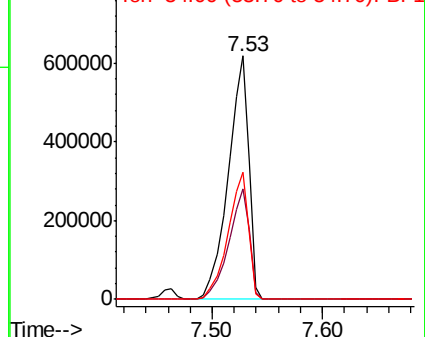


Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 40.107 ng

RT: 7.55 min Scan# 928

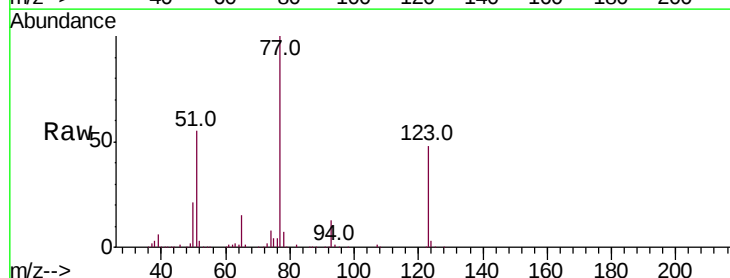
Delta R.T. 0.00 min

Lab File: BF110557.D

Acq: 7 Nov 2018 16:02

Tgt Ion: 77 Resp: 400513

Ion	Ratio	Lower	Upper
77	100		
123	47.8	35.7	53.5
65	14.7	10.7	16.1

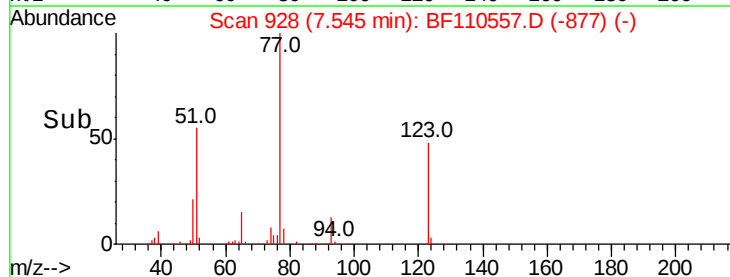
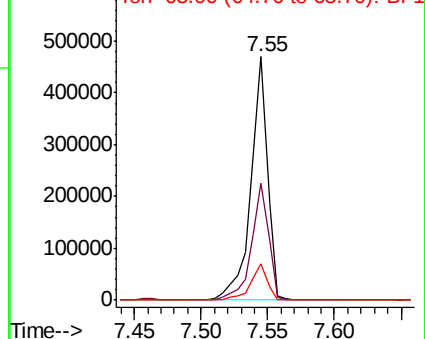


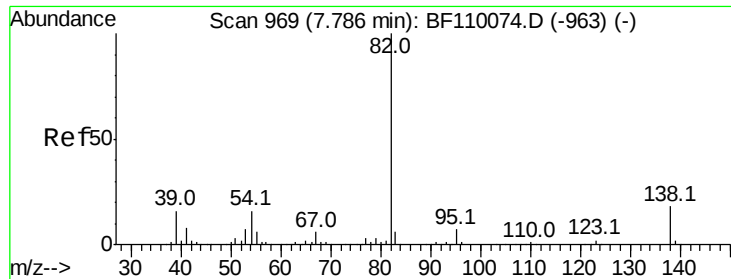
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 49.729 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.01 min

Lab File: BF110557.D

Acq: 7 Nov 2018 16:02

Instrument :

BNA_F

ClientSampleId :

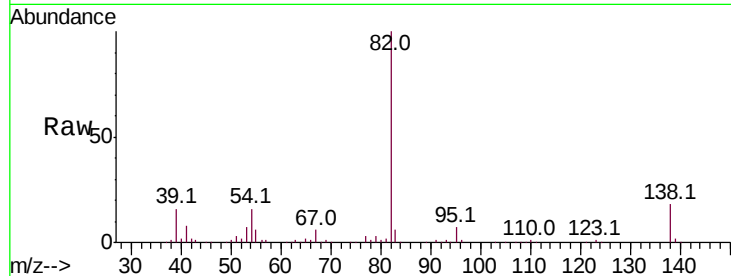
Tot Ion: 82 Resp: 819922

Ion Ratio Lower Upper

82 100

95 7.1 5.7 8.5

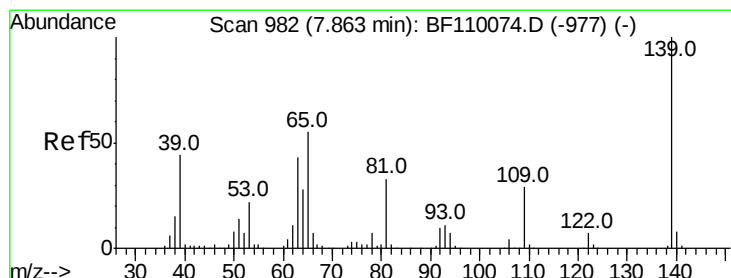
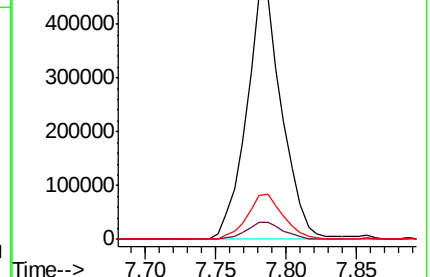
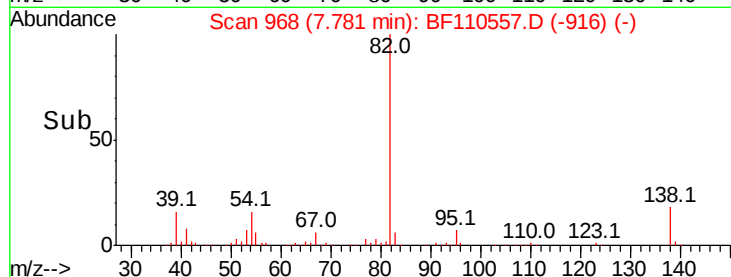
138 18.0 13.2 19.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 47.795 ng

RT: 7.86 min Scan# 981

Delta R.T. 0.00 min

Lab File: BF110557.D

Acq: 7 Nov 2018 16:02

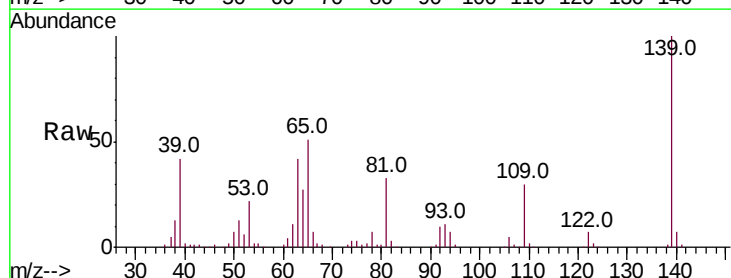
Tgt Ion: 139 Resp: 227125

Ion Ratio Lower Upper

139 100

109 29.7 25.0 37.6

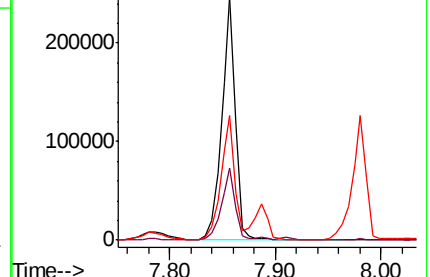
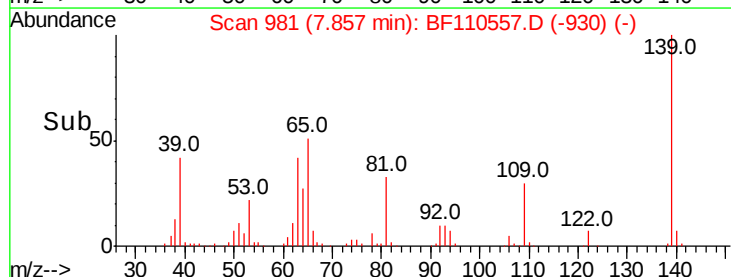
65 51.0 44.0 66.0

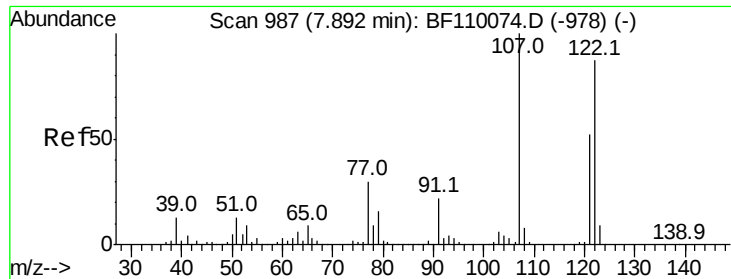


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

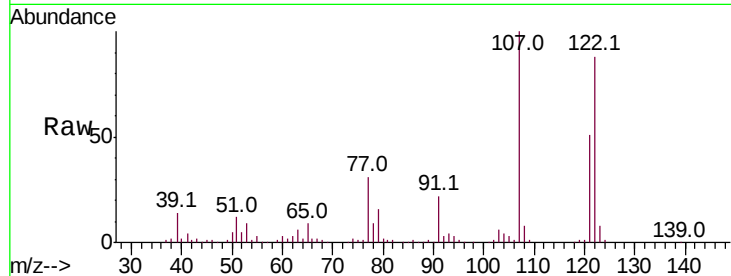




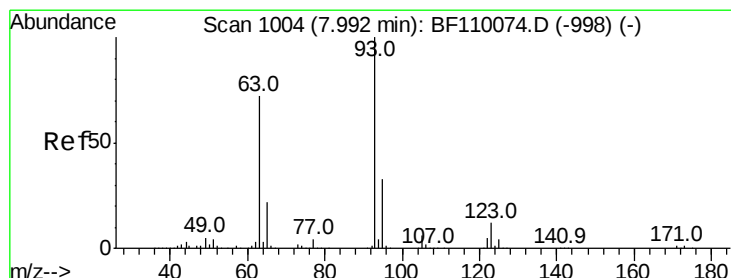
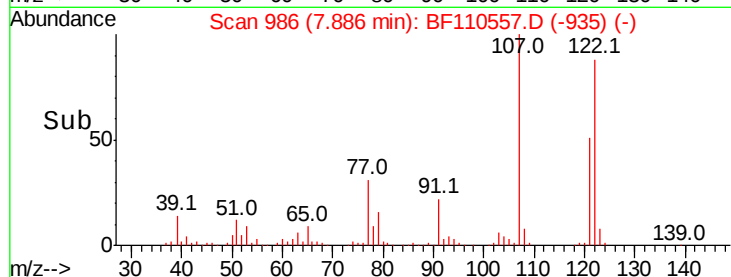
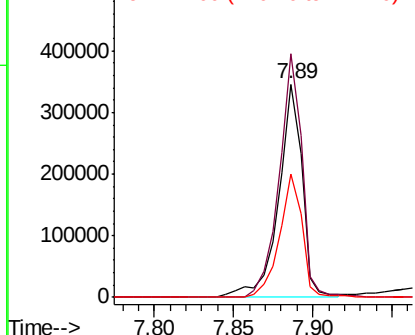
#27
2,4-Dimethylphenol
Concen: 45.199 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 356109
Ion Ratio Lower Upper
122 100
107 114.1 92.5 138.7
121 57.7 45.8 68.8

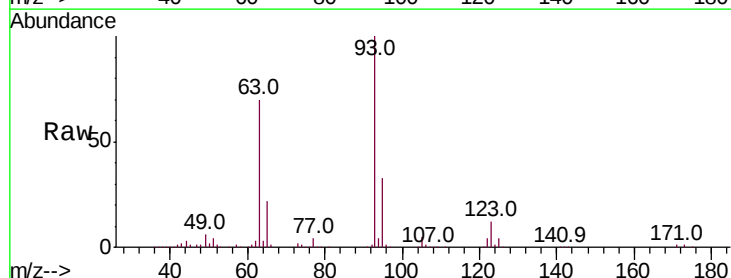


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

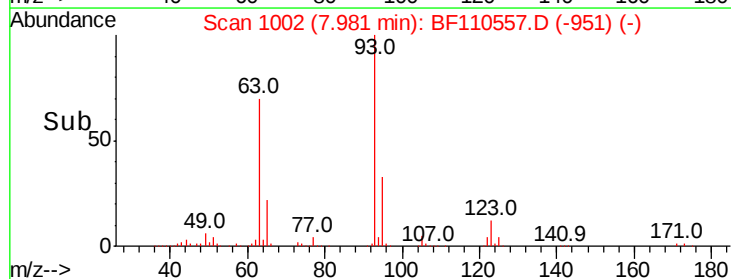
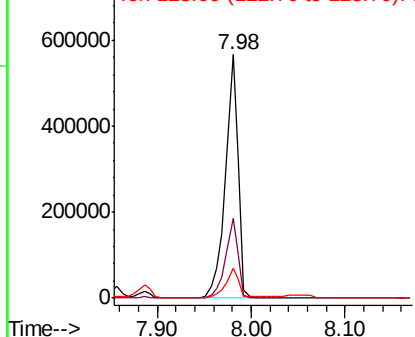


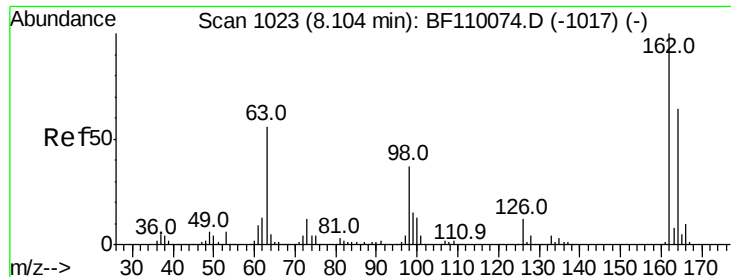
#28
bis(2-Chloroethoxy)methane
Concen: 47.478 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Tgt Ion: 93 Resp: 531796
Ion Ratio Lower Upper
93 100
95 32.8 26.4 39.6
123 12.2 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

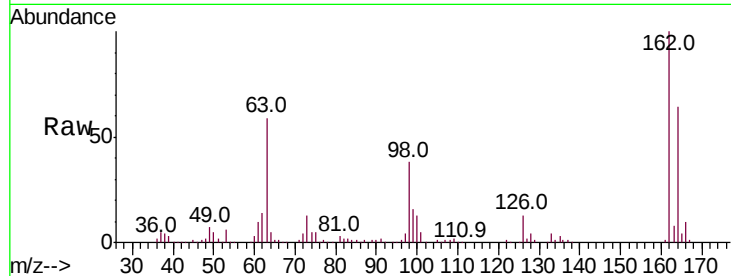




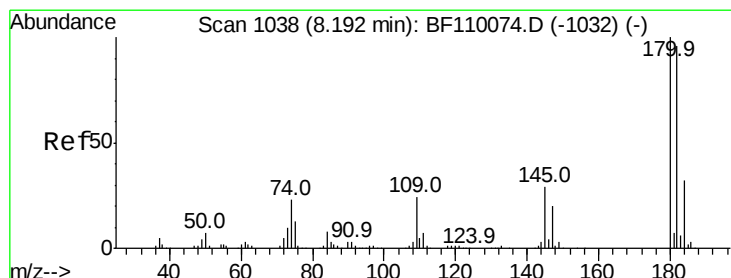
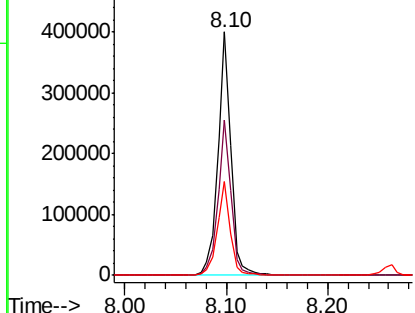
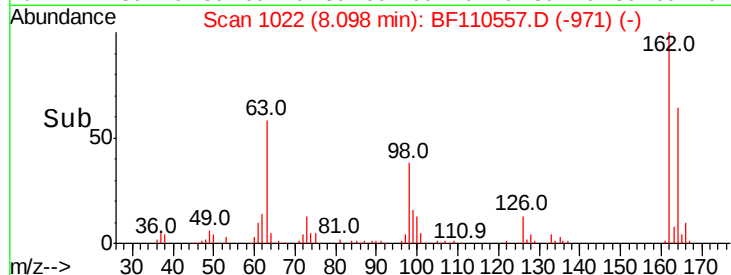
#29
 2,4-Dichlorophenol
 Concen: 44.923 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BF110557.D
 Acq: 7 Nov 2018 16:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.6	84.6
98	38.4	17.4	57.4

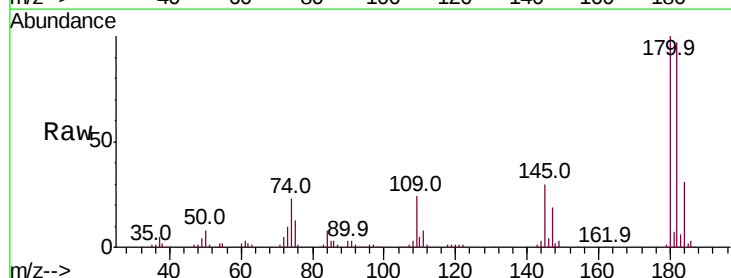


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

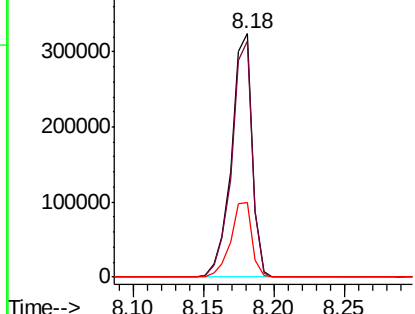
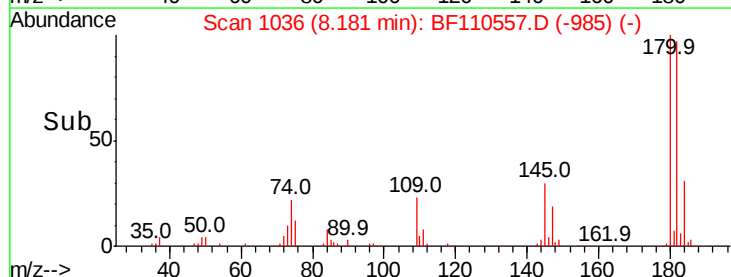


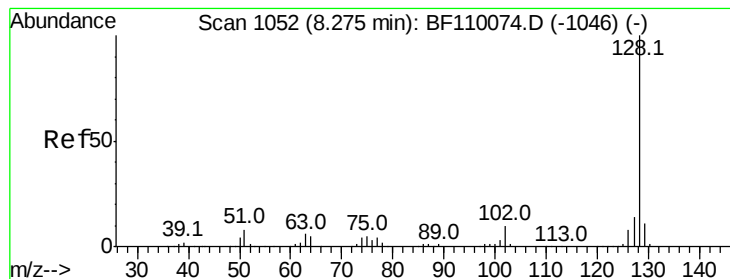
#30
 1,2,4-Trichlorobenzene
 Concen: 37.043 ng
 RT: 8.18 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF110557.D
 Acq: 7 Nov 2018 16:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	80.3	120.5
145	30.4	25.4	38.0



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





#31

Naphthalene

Concen: 39.766 ng

RT: 8.26 min Scan# 1050

Delta R.T. 0.00 min

Lab File: BF110557.D

Acq: 7 Nov 2018 16:02

Instrument :

BNA_F

ClientSampleId :

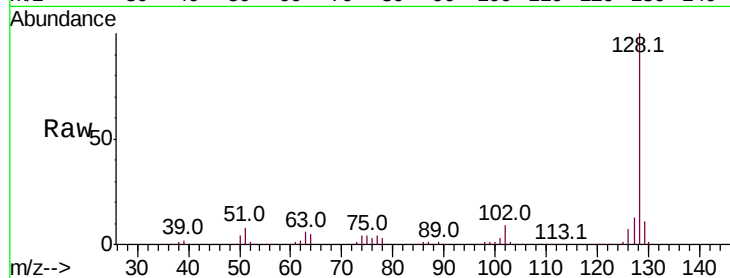
Tot Ion:128 Resp: 1051467

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

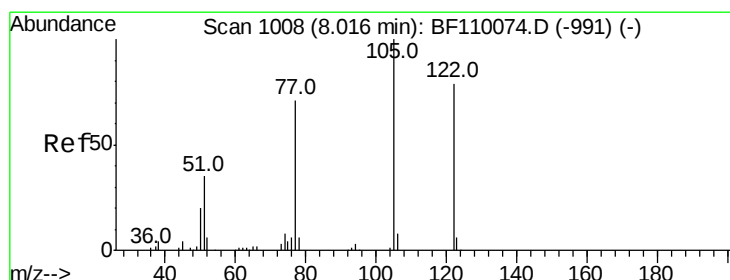
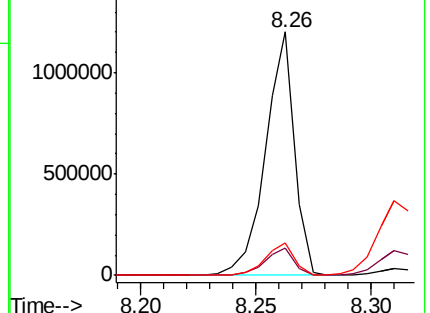
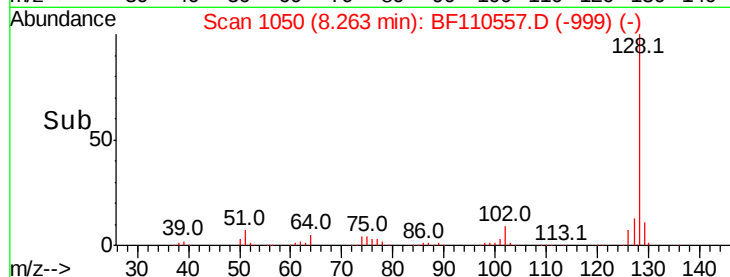
127 13.4 10.8 16.2



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: 54.447 ng

RT: 8.06 min Scan# 1016

Delta R.T. 0.05 min

Lab File: BF110557.D

Acq: 7 Nov 2018 16:02

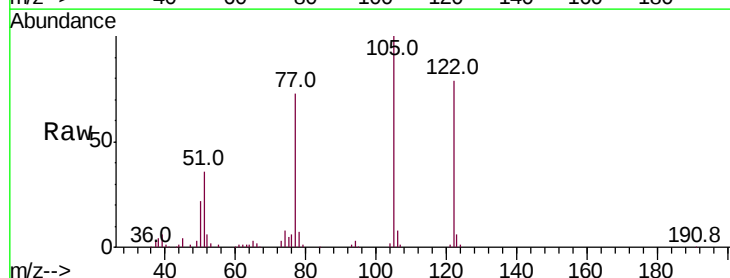
Tgt Ion:122 Resp: 331545

Ion Ratio Lower Upper

122 100

105 127.1 109.0 149.0

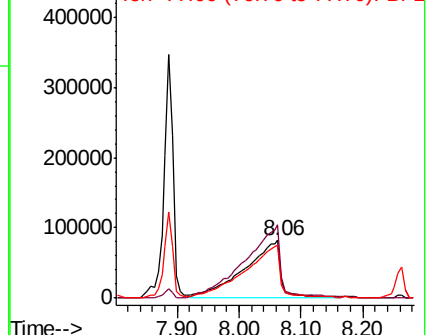
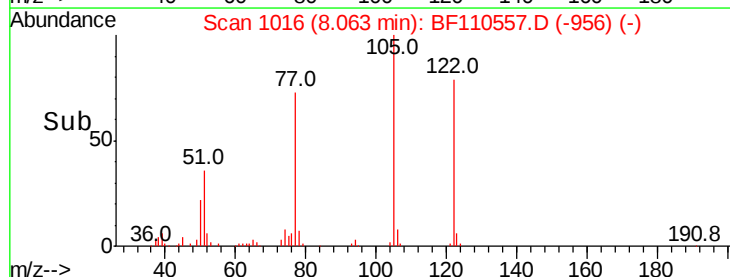
77 92.4 79.0 119.0

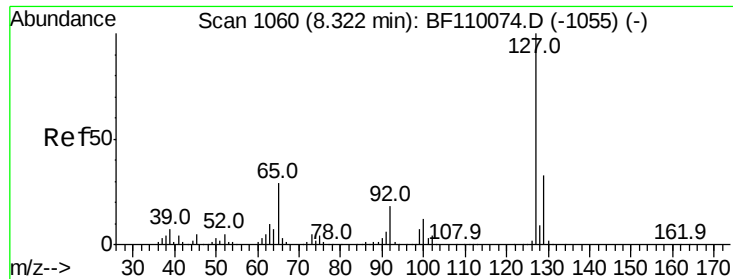


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

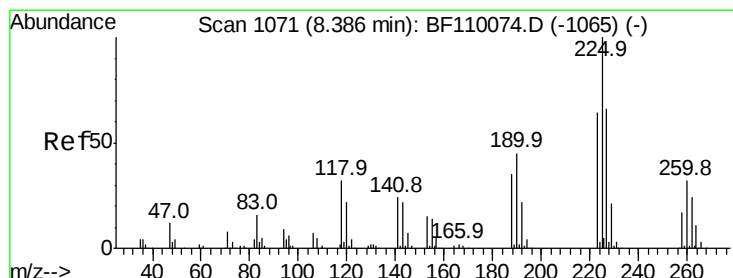
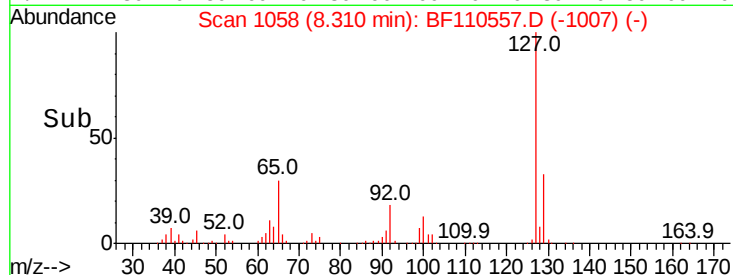
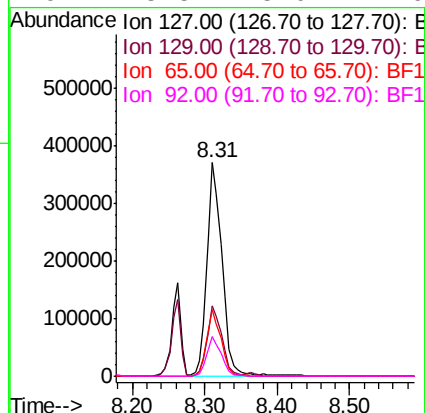
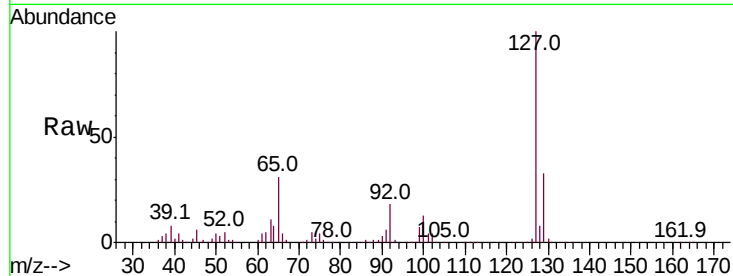




#33
4-Chloroaniline
Concen: 45.765 ng
RT: 8.31 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

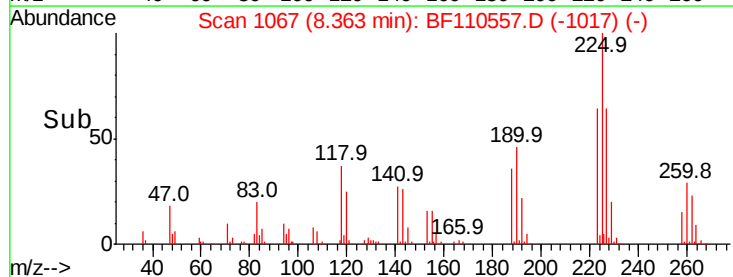
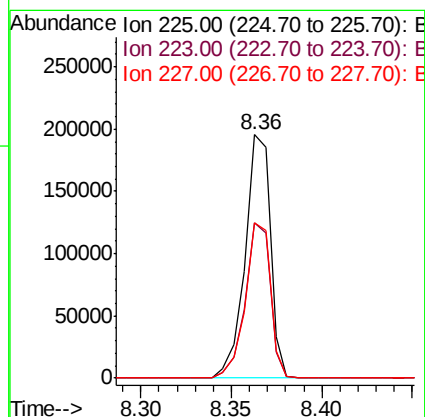
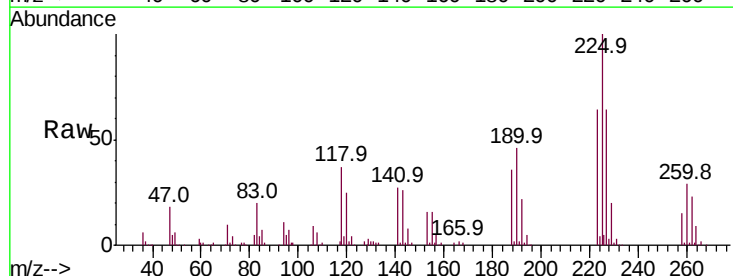
Instrument :
BNA_F
ClientSampleId :

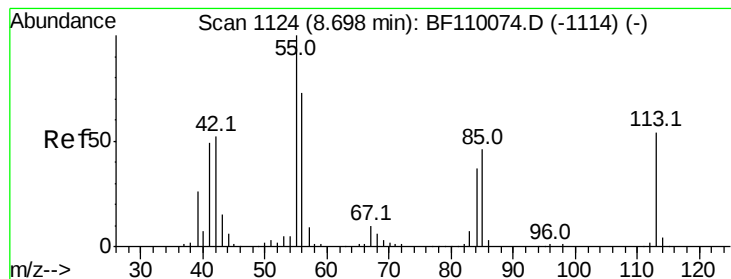
Tot Ion:	127	Resp:	544618
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.0	39.0
65	31.0	25.1	37.7
92	18.5	15.0	22.6



#34
Hexachlorobutadiene
Concen: 38.415 ng
RT: 8.36 min Scan# 1067
Delta R.T. -0.01 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Tgt Ion:	225	Resp:	190172
Ion	Ratio	Lower	Upper
225	100		
223	63.8	51.4	77.2
227	63.6	51.0	76.6





#35

Caprolactam

Concen: 39.899 ng

RT: 8.73 min Scan# 1129

Delta R.T. 0.04 min

Lab File: BF110557.D

Acq: 7 Nov 2018 16:02

Instrument :

BNA_F

ClientSampled :

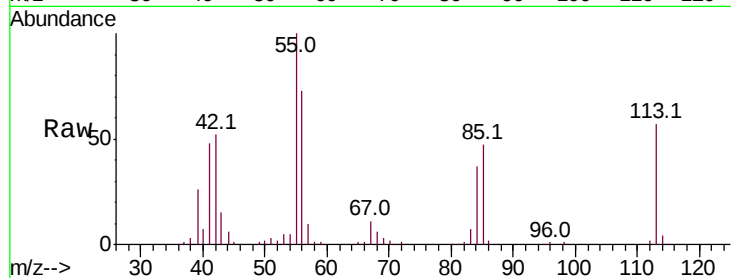
Tot Ion:113 Resp: 110692

Ion Ratio Lower Upper

113 100

55 176.6 142.8 182.8

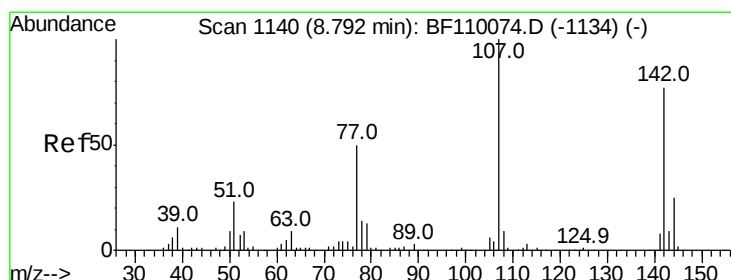
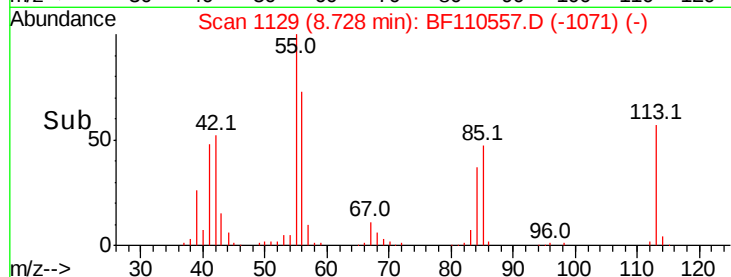
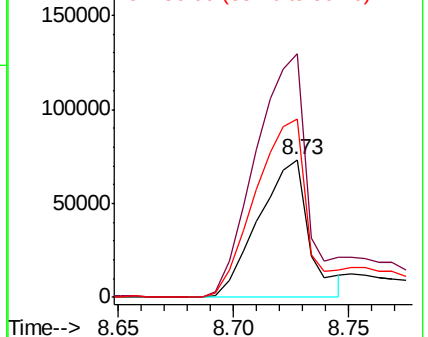
56 129.1 105.0 145.0



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: 50.285 ng

RT: 8.80 min Scan# 1141

Delta R.T. 0.01 min

Lab File: BF110557.D

Acq: 7 Nov 2018 16:02

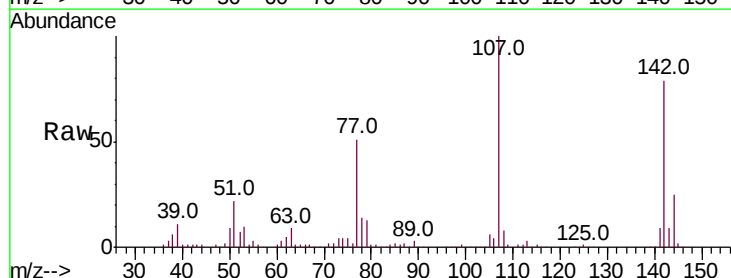
Tgt Ion:107 Resp: 432823

Ion Ratio Lower Upper

107 100

144 25.0 20.0 30.0

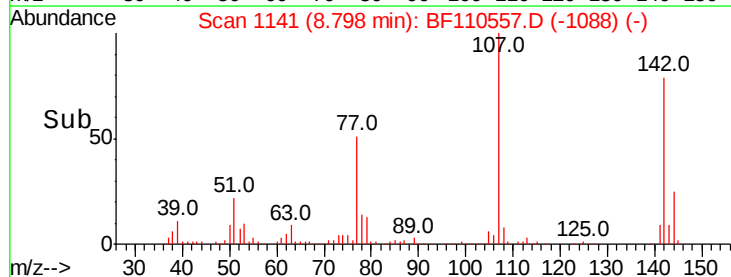
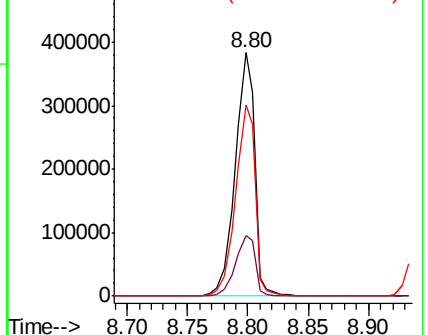
142 78.7 59.7 89.5

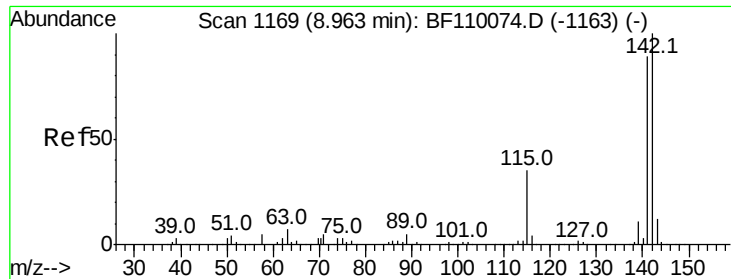


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

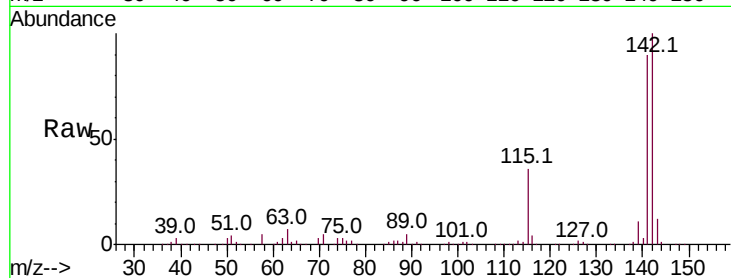




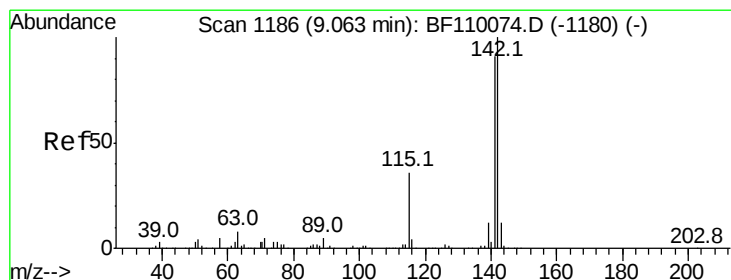
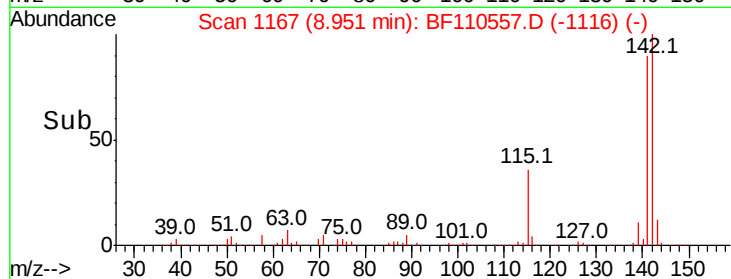
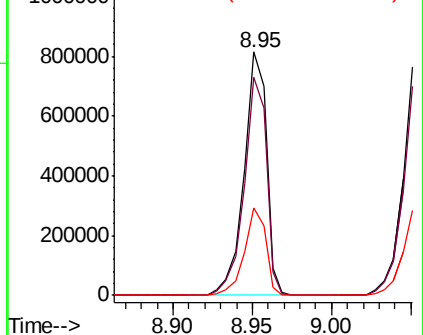
#37
2-Methylnaphthalene
Concen: 45.828 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 801740
Ion Ratio Lower Upper
142 100
141 89.7 71.4 107.2
115 35.8 28.7 43.1

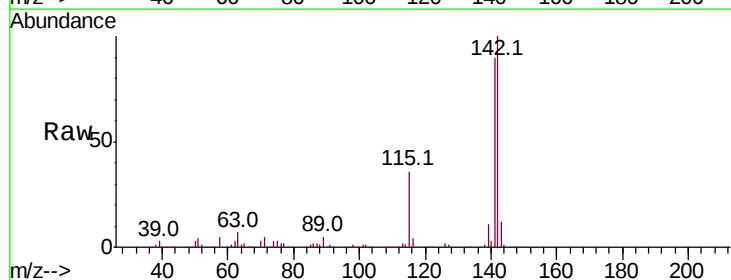


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

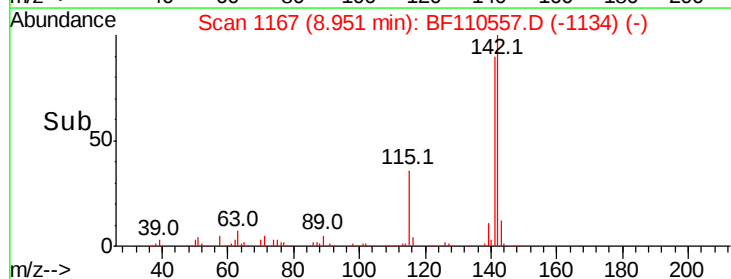
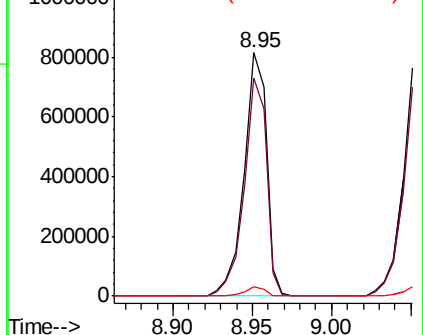


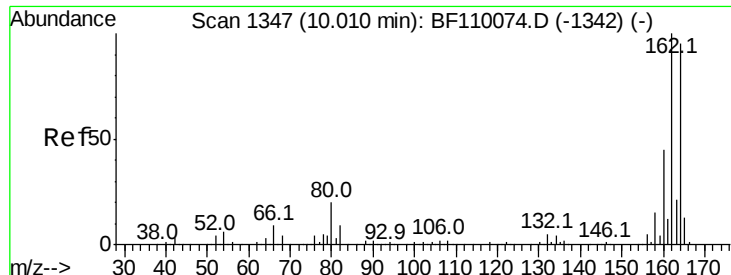
#38
1-Methylnaphthalene
Concen: 47.423 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.11 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Tgt Ion:142 Resp: 801740
Ion Ratio Lower Upper
142 100
141 89.7 74.2 111.4
116 3.8 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# 1346

Delta R.T. 0.01 min

Lab File: BF110557.D

Acq: 7 Nov 2018 16:02

Instrument :

BNA_F

ClientSampleId :

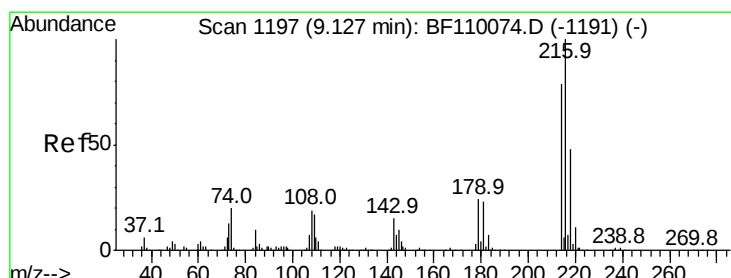
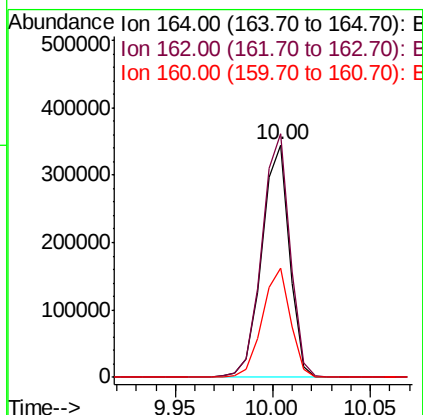
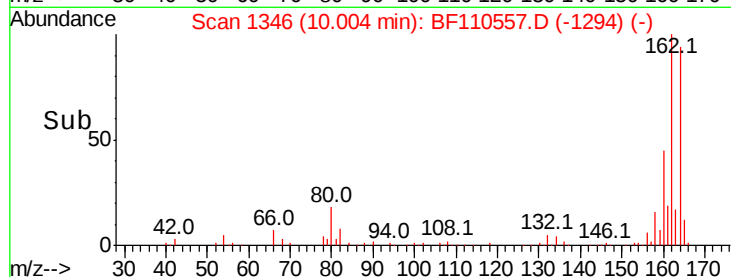
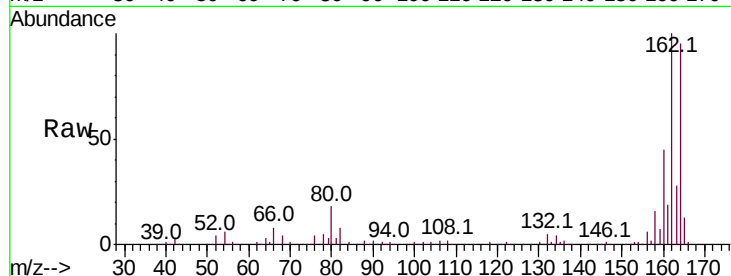
Tot Ion:164 Resp: 338795

Ion Ratio Lower Upper

164 100

162 104.9 83.0 124.6

160 47.3 37.0 55.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.188 ng

RT: 9.12 min Scan# 1196

Delta R.T. 0.00 min

Lab File: BF110557.D

Acq: 7 Nov 2018 16:02

Tgt Ion:216 Resp: 392566

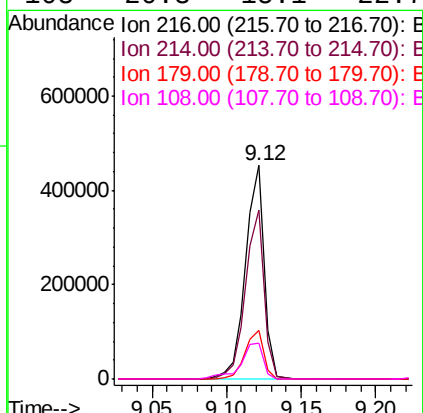
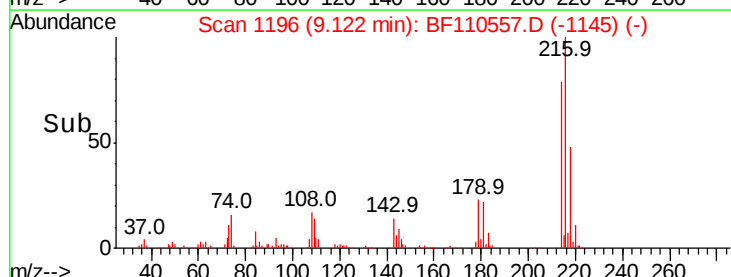
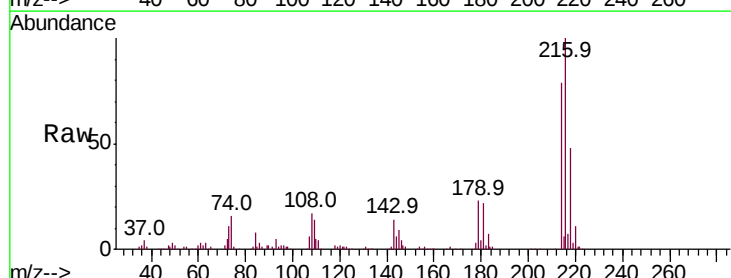
Ion Ratio Lower Upper

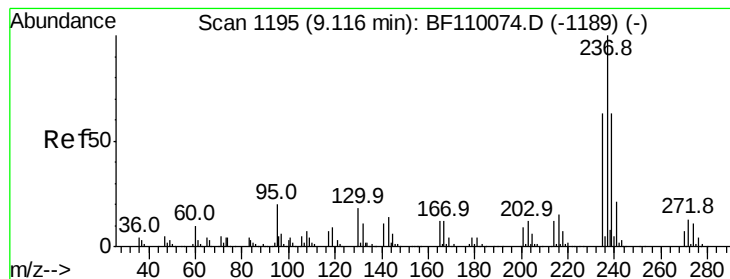
216 100

214 79.4 63.8 95.6

179 22.9 16.6 25.0

108 20.3 15.1 22.7





#41

Hexachlorocyclopentadiene

Concen: 38.572 ng

RT: 9.10 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BF110557.D

Acq: 7 Nov 2018 16:02

Instrument :

BNA_F

ClientSampleId :

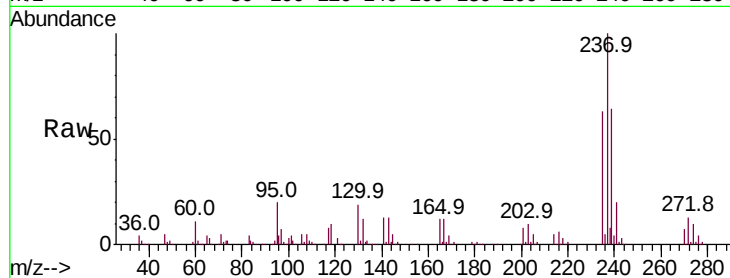
Tot Ion:237 Resp: 208199

Ion Ratio Lower Upper

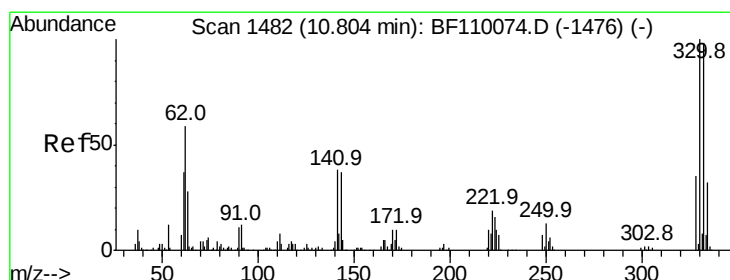
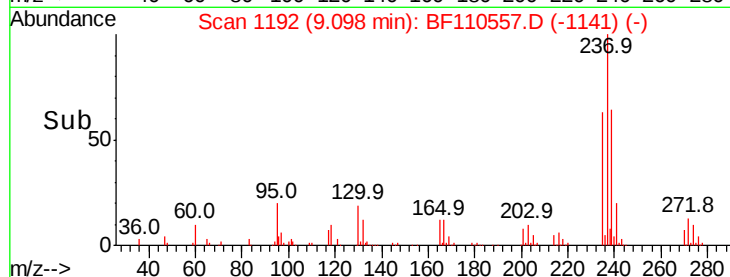
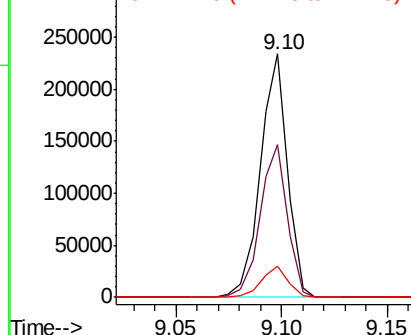
237 100

235 62.7 43.1 83.1

272 12.9 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: 81.896 ng

RT: 10.80 min Scan# 1481

Delta R.T. 0.01 min

Lab File: BF110557.D

Acq: 7 Nov 2018 16:02

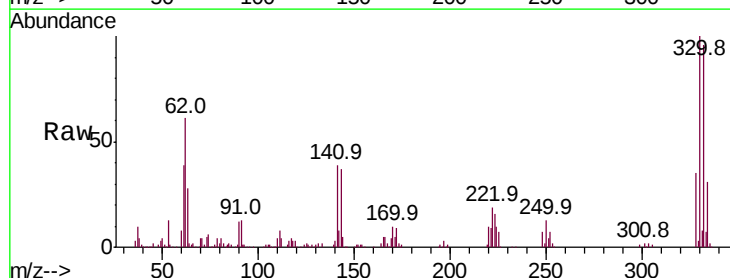
Tgt Ion:330 Resp: 274841

Ion Ratio Lower Upper

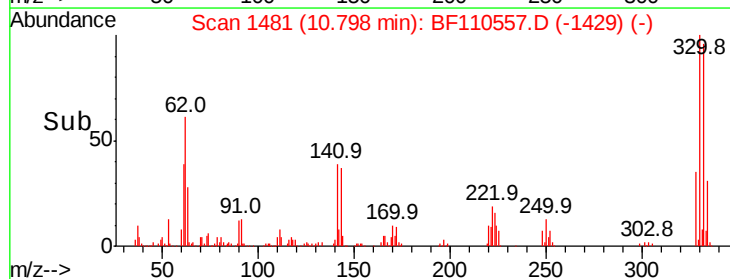
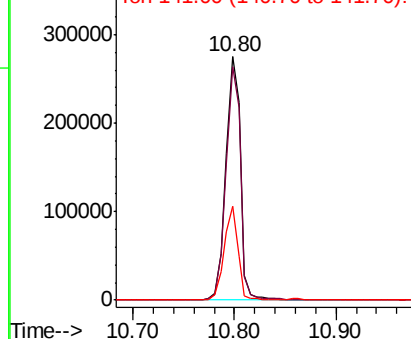
330 100

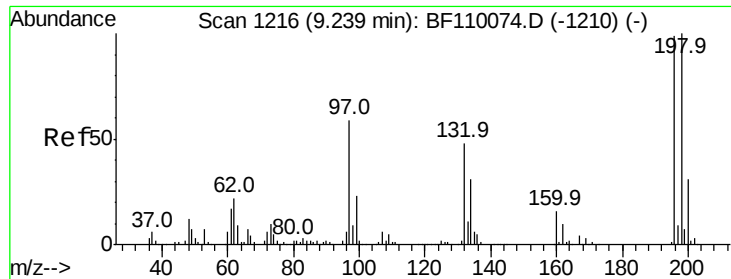
332 96.0 77.1 115.7

141 36.4 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

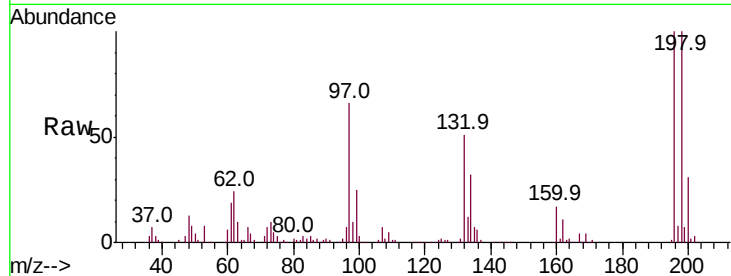




#43
 2,4,6-Trichlorophenol
 Concen: 40.827 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: BF110557.D
 Acq: 7 Nov 2018 16:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	100.0	76.2	114.4
200	30.9	24.4	36.6

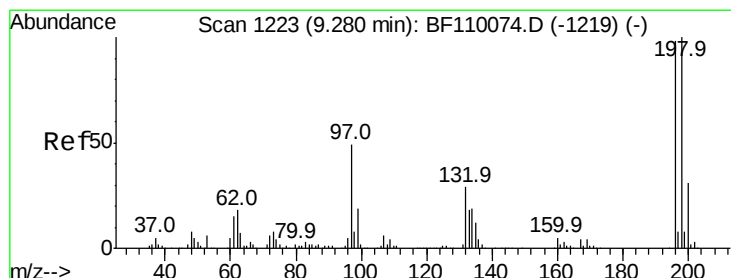
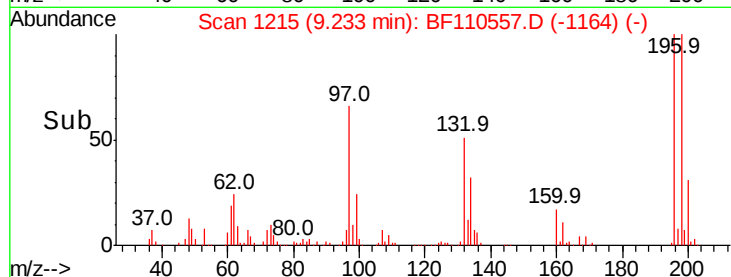
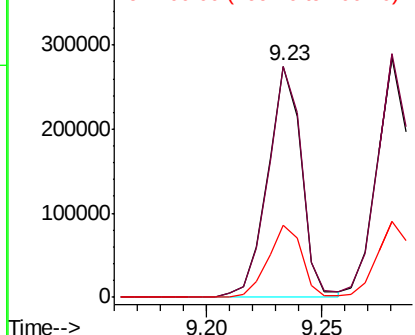


Abundance

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: 39.536 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. 0.01 min
 Lab File: BF110557.D
 Acq: 7 Nov 2018 16:02

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.8	75.8	113.6
97	57.0	42.4	63.6
132	31.9	22.8	34.2

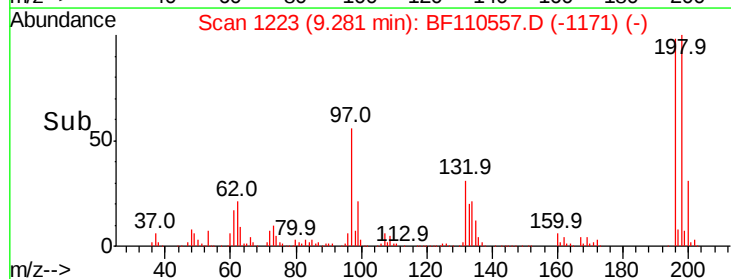
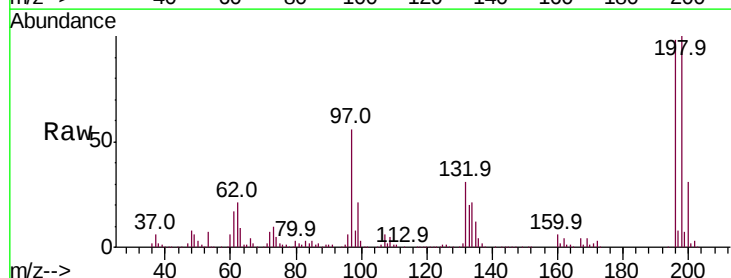
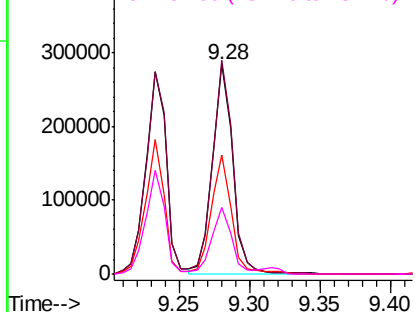
Abundance

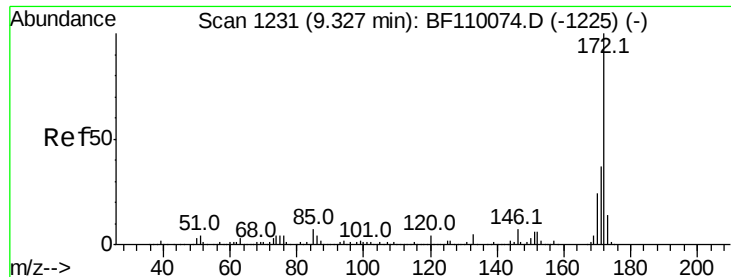
Ion 196.00 (195.70 to 196.70): E

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

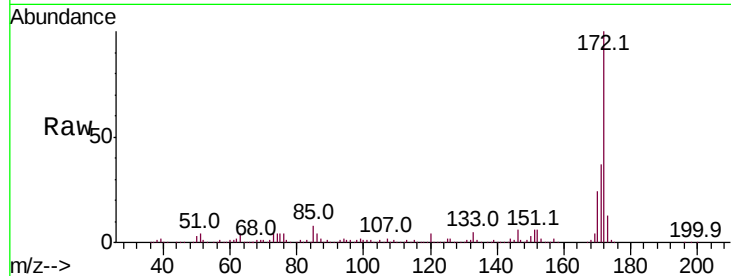




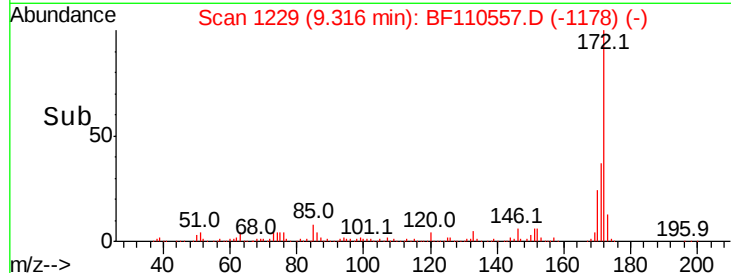
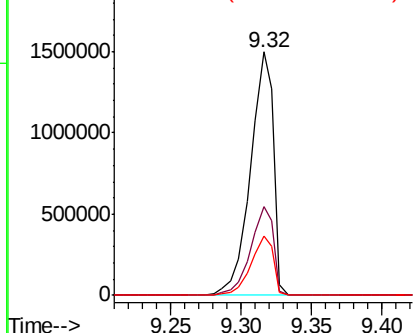
#45
2-Fluorobiphenyl
Concen: 79.507 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1715414
Ion Ratio Lower Upper
172 100
171 36.6 28.6 43.0
170 24.2 19.7 29.5

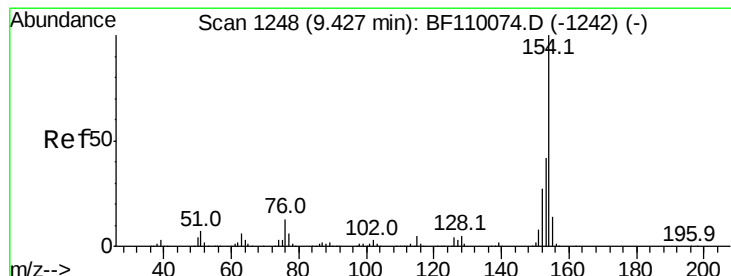


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

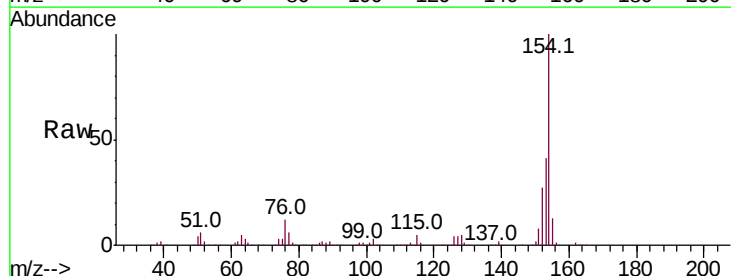
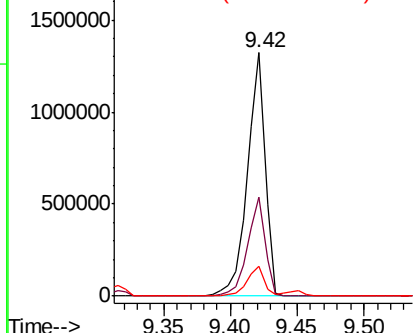


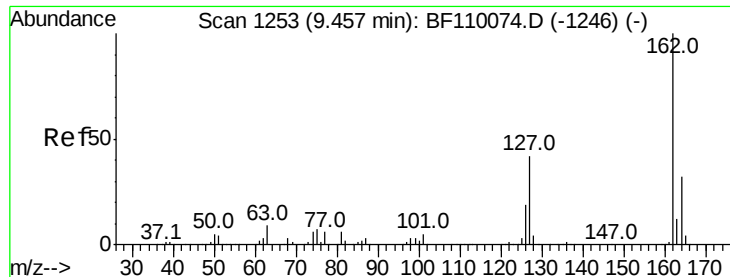
#46
1,1'-Biphenyl
Concen: 39.236 ng
RT: 9.42 min Scan# 1247
Delta R.T. 0.01 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Tgt Ion:154 Resp: 1202087
Ion Ratio Lower Upper
154 100
153 40.8 20.4 60.4
76 12.1 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

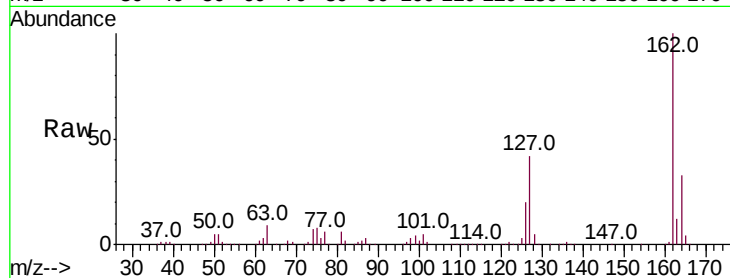




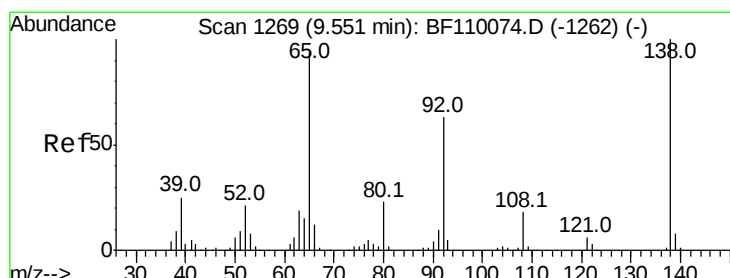
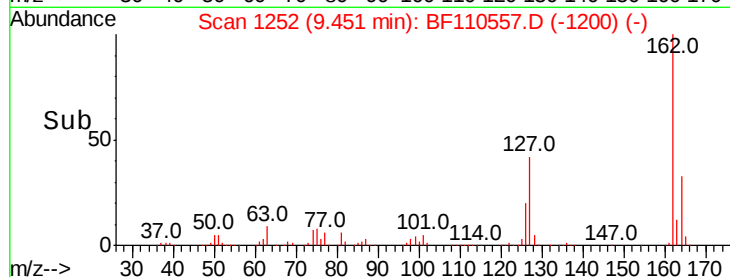
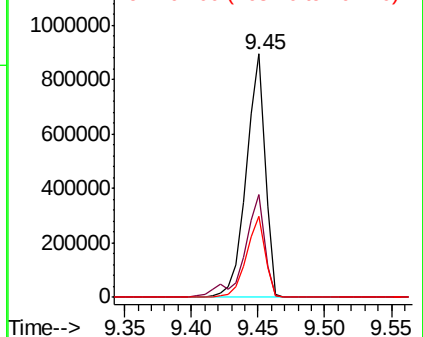
#47
 2-Chloronaphthalene
 Concen: 38.401 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. 0.01 min
 Lab File: BF110557.D
 Acq: 7 Nov 2018 16:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.3	32.6	48.8
164	33.5	25.9	38.9

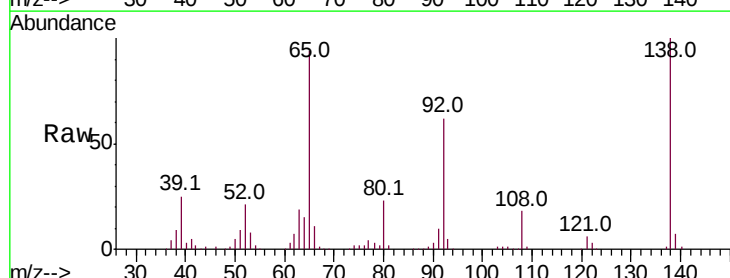


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

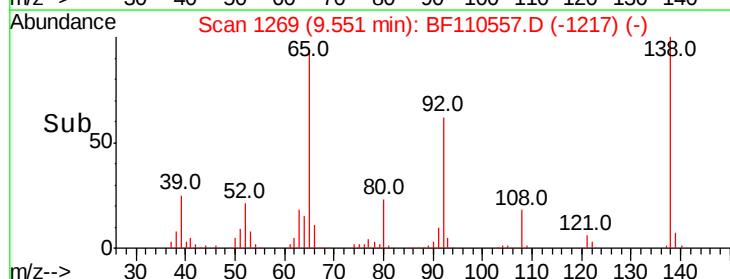
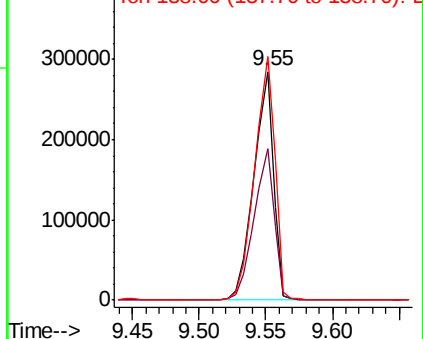


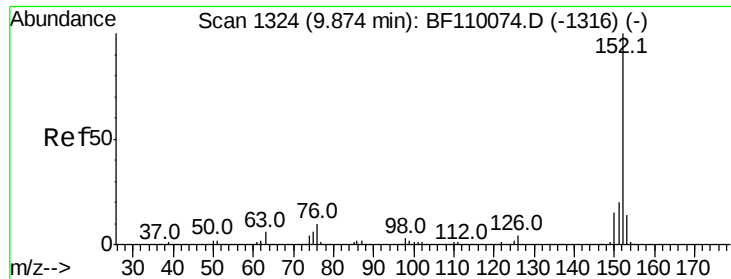
#48
 2-Nitroaniline
 Concen: 42.110 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. 0.01 min
 Lab File: BF110557.D
 Acq: 7 Nov 2018 16:02

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.1	54.6	81.8
138	106.5	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: 37.042 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.01 min

Lab File: BF110557.D

Acq: 7 Nov 2018 16:02

Instrument :

BNA_F

ClientSampleId :

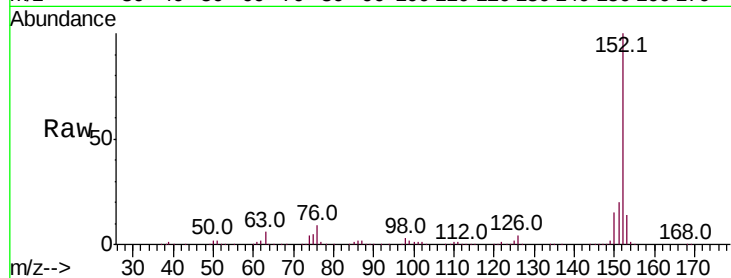
Tot Ion:152 Resp: 1202340

Ion Ratio Lower Upper

152 100

151 20.5 15.8 23.8

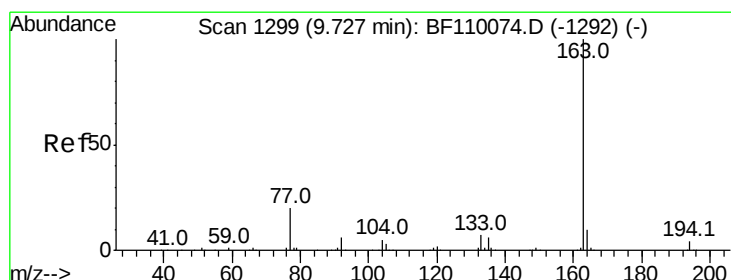
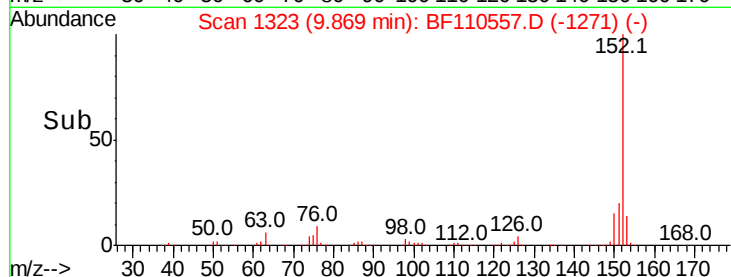
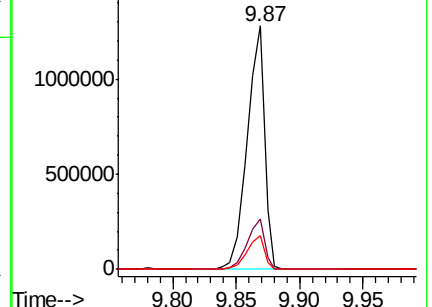
153 13.9 10.4 15.6



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: 41.532 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BF110557.D

Acq: 7 Nov 2018 16:02

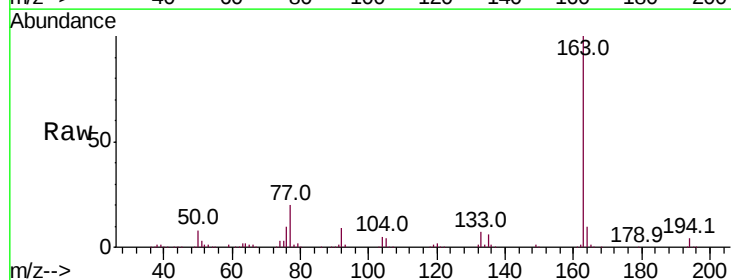
Tgt Ion:163 Resp: 1038685

Ion Ratio Lower Upper

163 100

194 3.6 3.2 4.8

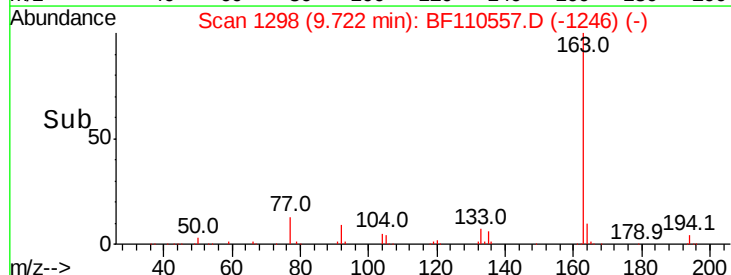
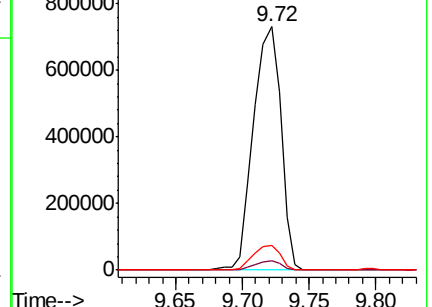
164 10.1 8.1 12.1

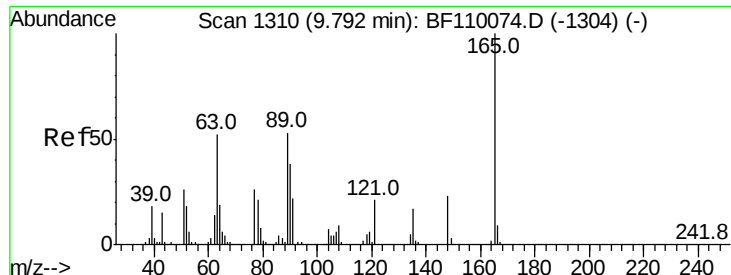


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

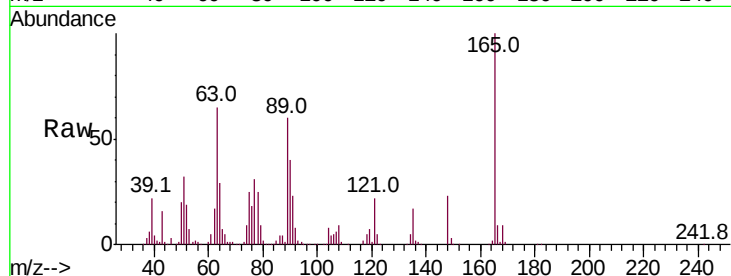




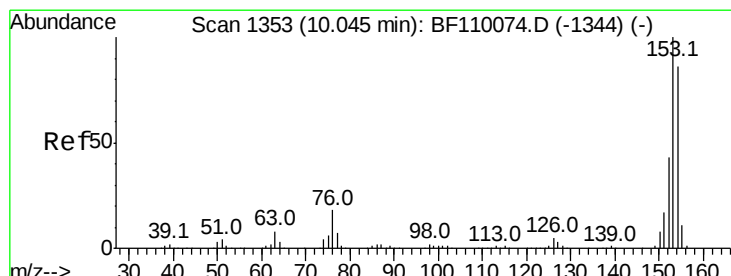
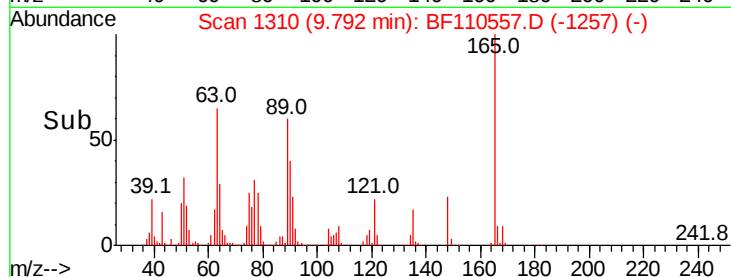
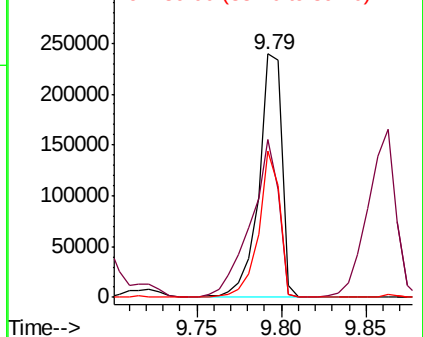
#51
2,6-Dinitrotoluene
Concen: 42.260 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.01 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 227654
Ion Ratio Lower Upper
165 100
63 64.9 48.9 73.3
89 60.0 46.6 69.8

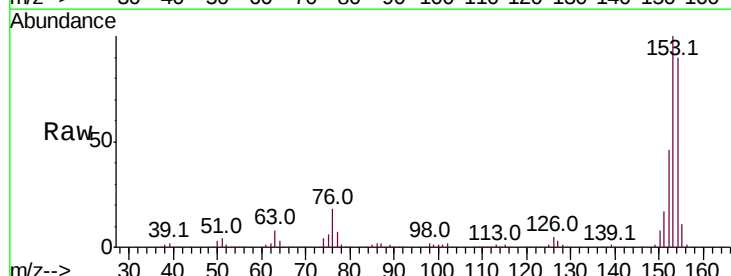


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

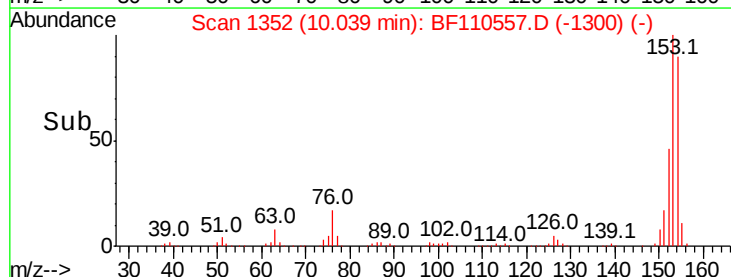
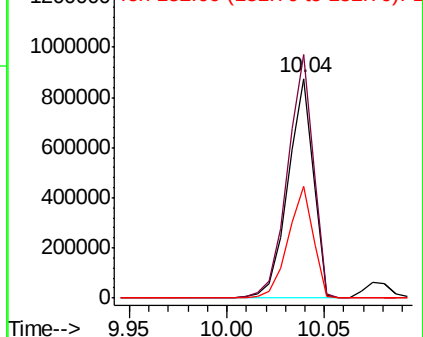


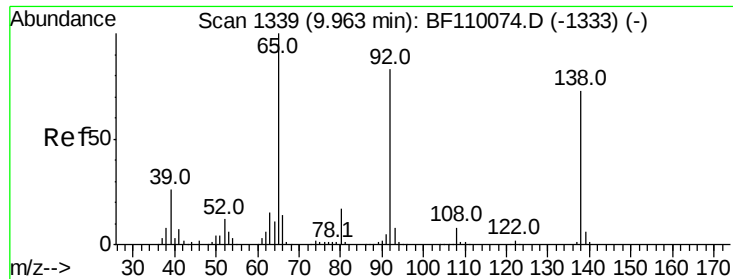
#52
Acenaphthene
Concen: 36.951 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Tgt Ion:154 Resp: 793458
Ion Ratio Lower Upper
154 100
153 110.8 90.1 135.1
152 51.1 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

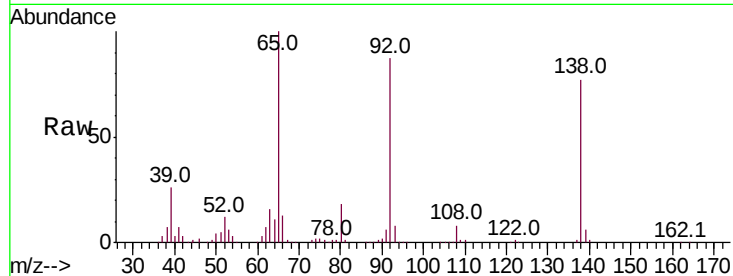




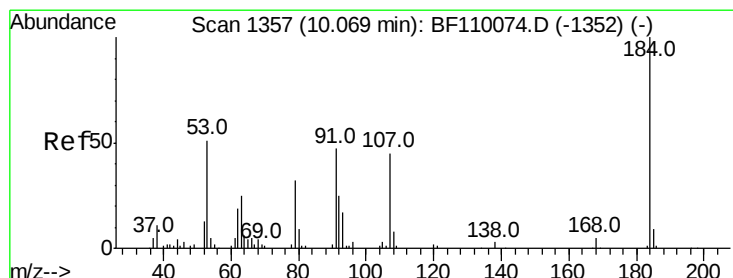
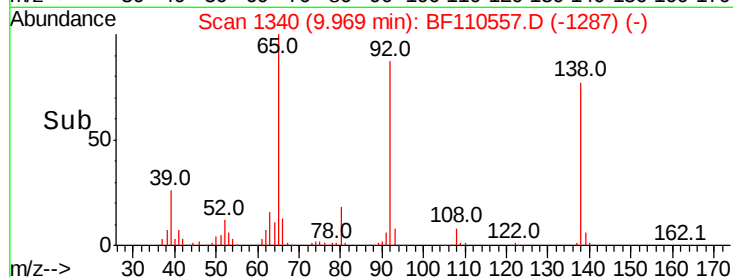
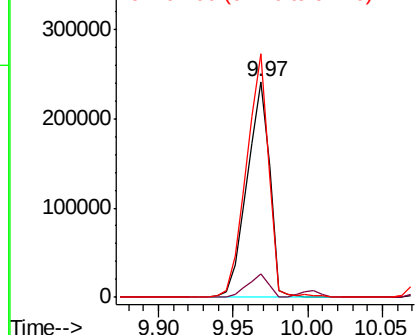
#53
3-Nitroaniline
Concen: 39.705 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 254358
Ion Ratio Lower Upper
138 100
108 10.8 8.7 13.1
92 112.7 97.0 145.4

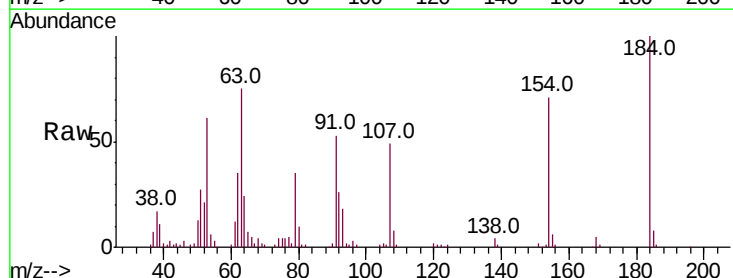


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

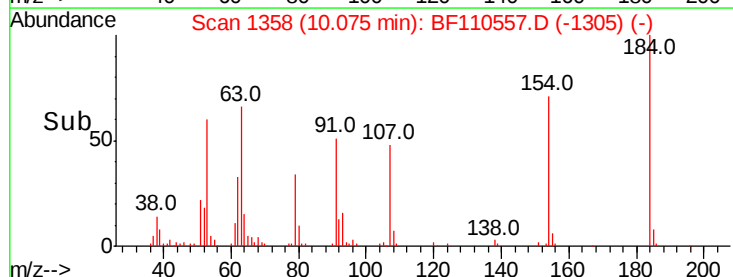
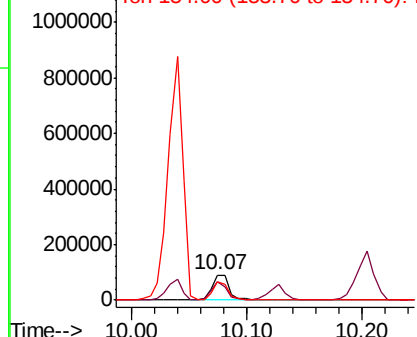


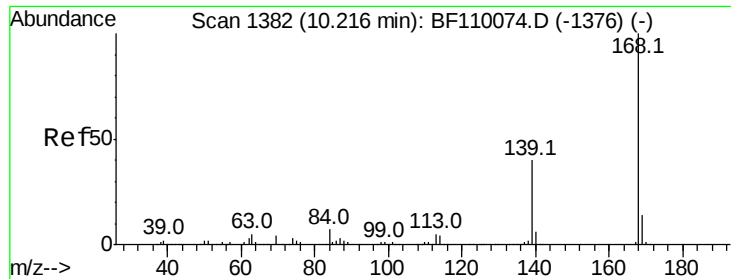
#54
2,4-Dinitrophenol
Concen: 47.488 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.01 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Tgt Ion:184 Resp: 96722
Ion Ratio Lower Upper
184 100
63 75.3 55.8 83.6
154 71.4 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

Dibenzofuran

Concen: 37.431 ng

RT: 10.21 min Scan# 1381

Delta R.T. 0.01 min

Lab File: BF110557.D

Acq: 7 Nov 2018 16:02

Instrument :

BNA_F

ClientSampleId :

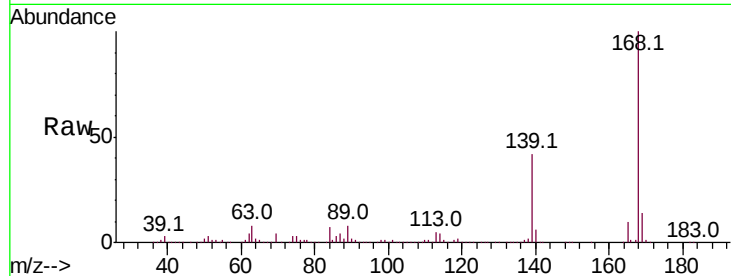
Tot Ion:168 Resp: 1125334

Ion Ratio Lower Upper

168 100

139 41.6 33.0 49.6

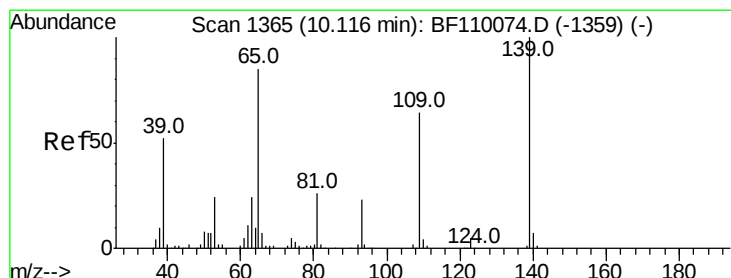
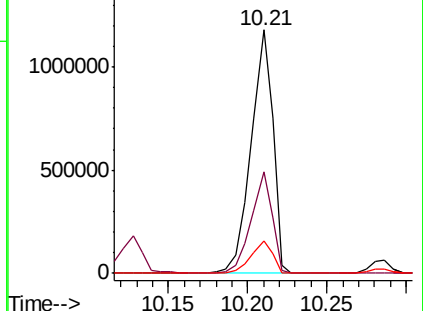
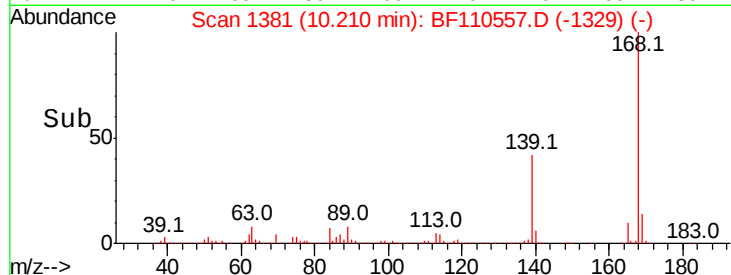
169 13.6 11.3 16.9



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: 38.003 ng

RT: 10.13 min Scan# 1367

Delta R.T. 0.02 min

Lab File: BF110557.D

Acq: 7 Nov 2018 16:02

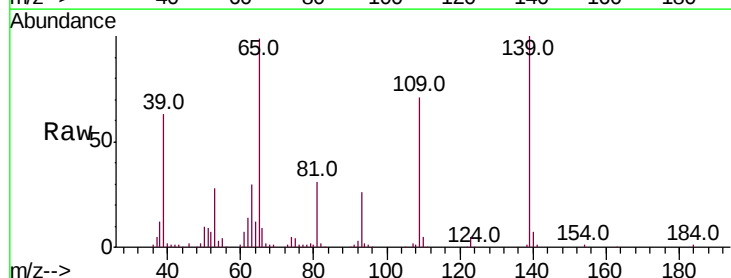
Tgt Ion:139 Resp: 180187

Ion Ratio Lower Upper

139 100

109 70.8 55.8 95.8

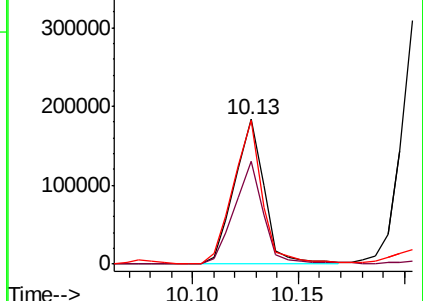
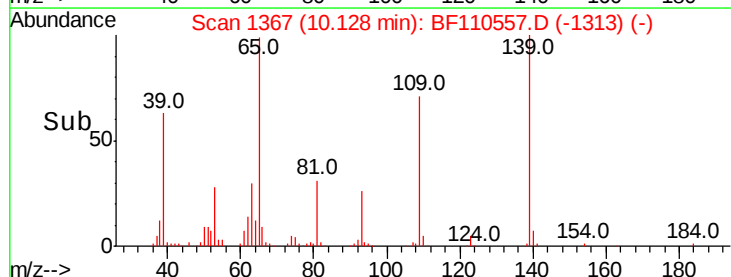
65 99.2 77.9 117.9



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

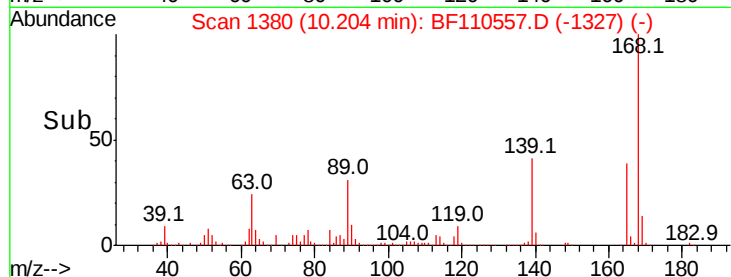
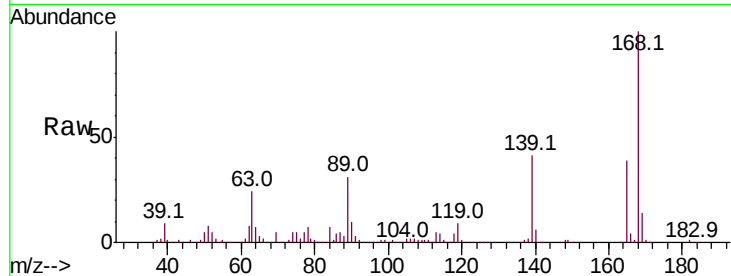




#57
2,4-Dinitrotoluene
Concen: 40.256 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.01 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	61.0	44.8	67.2
89	79.3	62.2	93.4
182	2.6	2.1	3.1



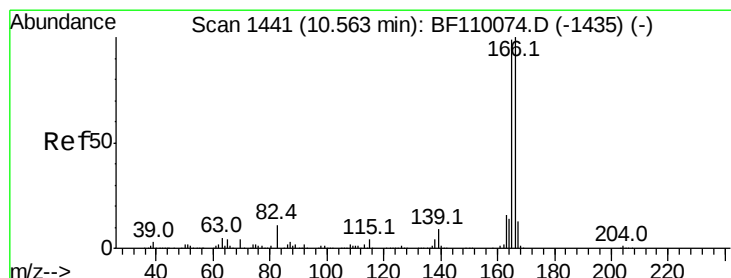
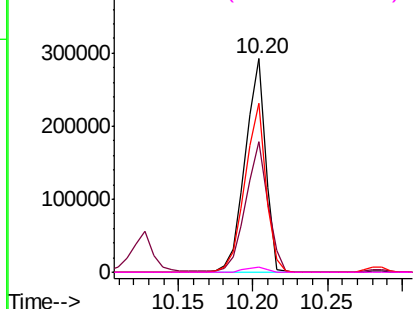
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

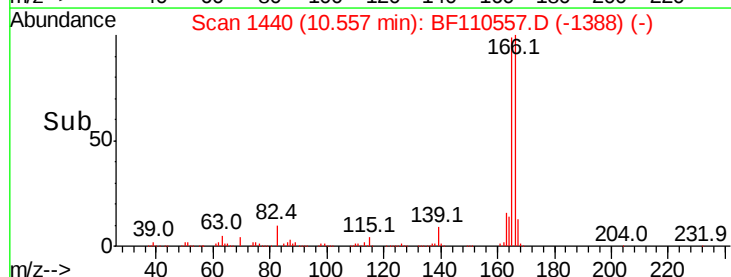
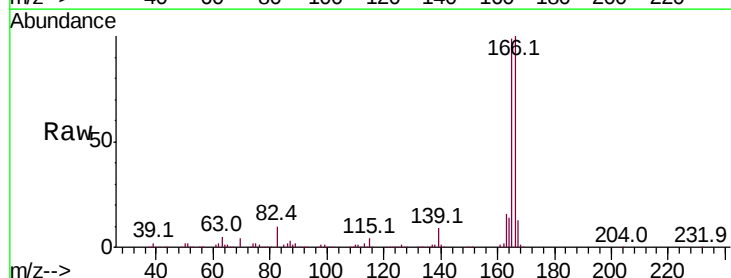
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 39.469 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.4	78.6	117.8
167	13.3	10.8	16.2

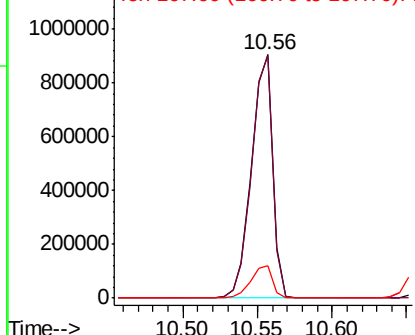


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

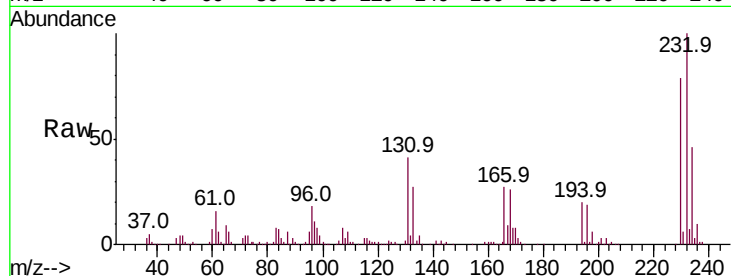




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.234 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.04 min
 Lab File: BF110557.D
 Acq: 7 Nov 2018 16:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.7	37.0	55.4
130	2.4	1.8	2.6
166	27.8	22.0	33.0



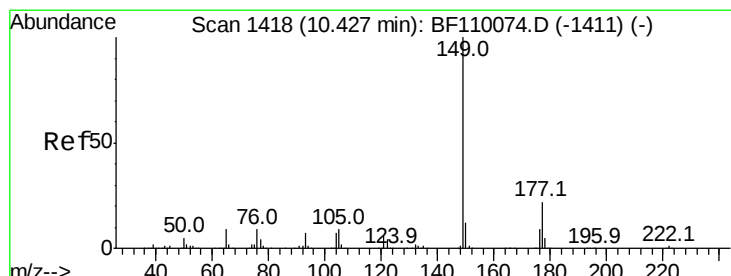
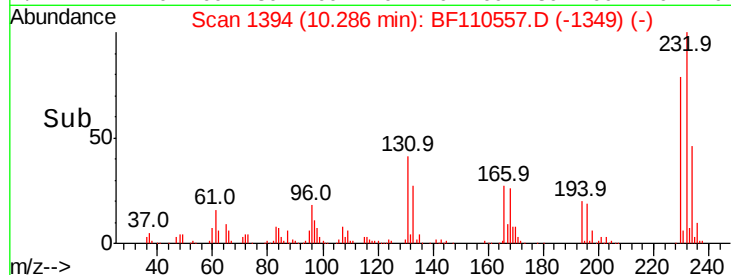
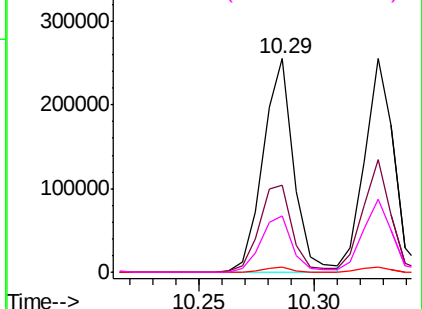
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

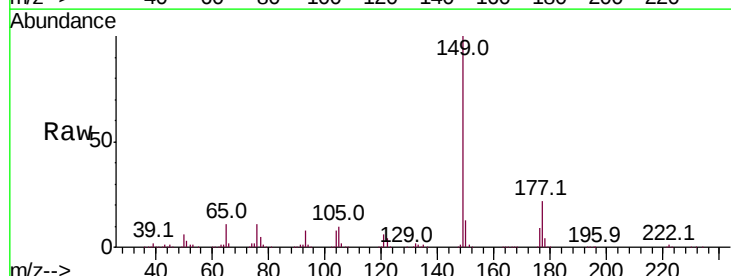
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 41.294 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. 0.01 min
 Lab File: BF110557.D
 Acq: 7 Nov 2018 16:02

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.4	26.2
150	12.8	9.8	14.8

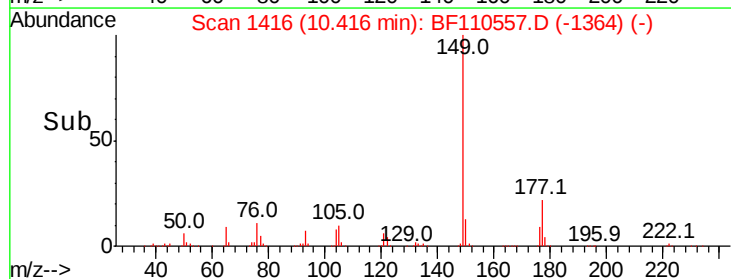
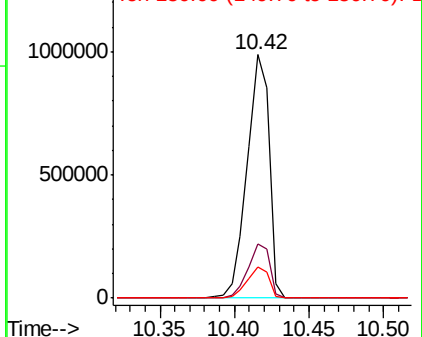


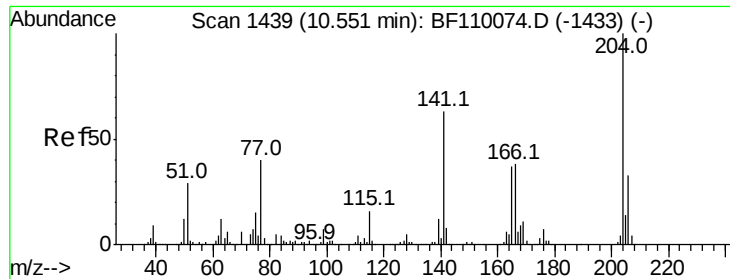
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

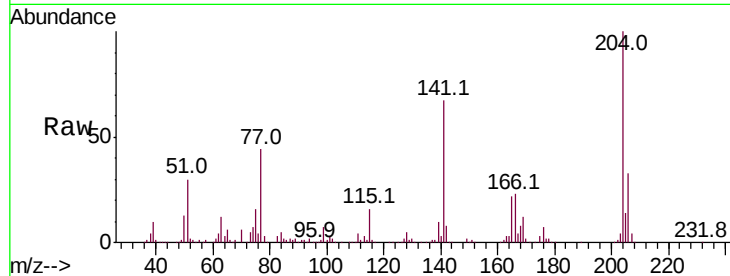




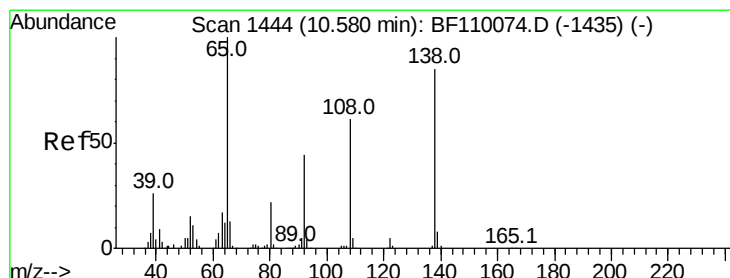
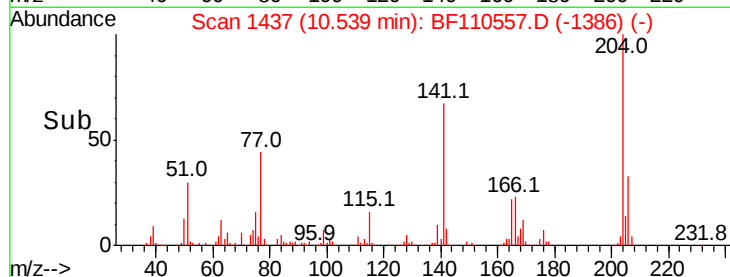
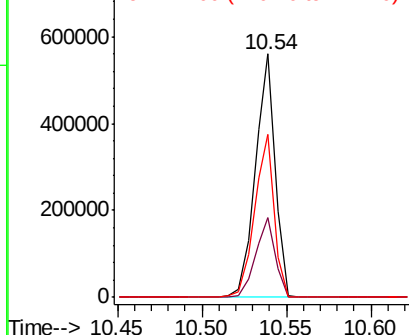
#61
 4-Chlorophenyl-phenylether
 Concen: 39.026 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. 0.00 min
 Lab File: BF110557.D
 Acq: 7 Nov 2018 16:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:204 Resp: 460647
 Ion Ratio Lower Upper
 204 100
 206 32.7 26.5 39.7
 141 67.1 51.8 77.8

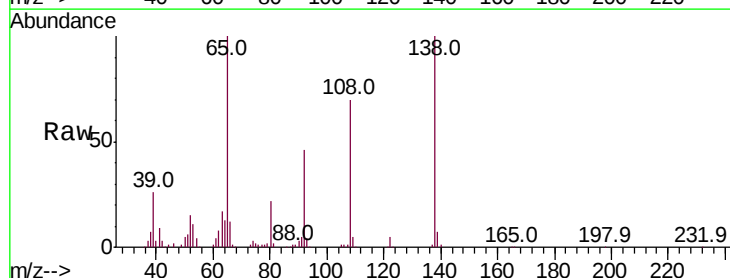


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

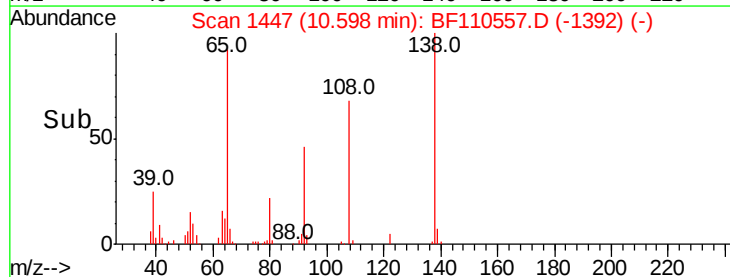
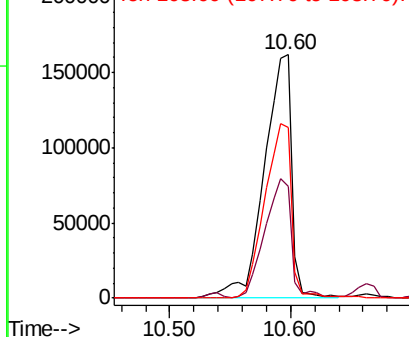


#62
 4-Nitroaniline
 Concen: 40.356 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. 0.02 min
 Lab File: BF110557.D
 Acq: 7 Nov 2018 16:02

Tgt Ion:138 Resp: 257130
 Ion Ratio Lower Upper
 138 100
 92 46.1 31.7 71.7
 108 69.9 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

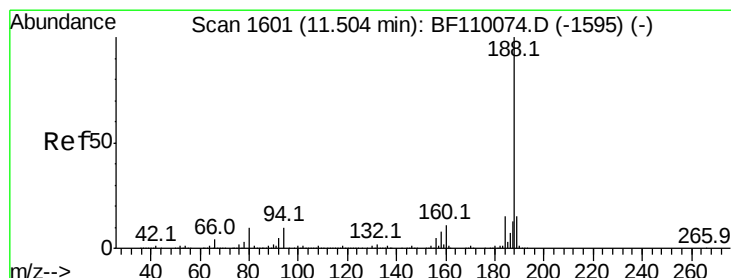
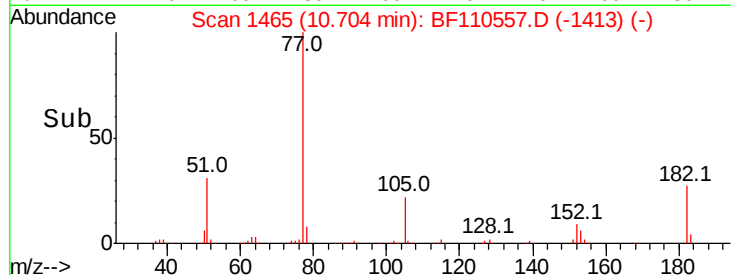
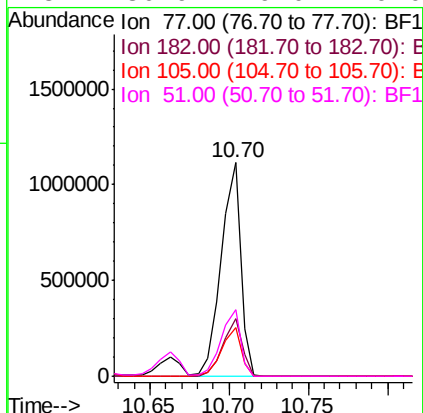
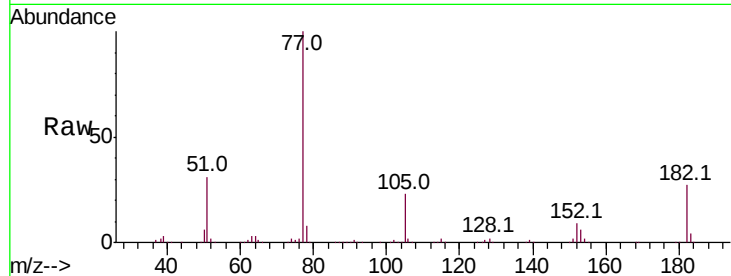




#63
Azobenzene
Concen: 39.532 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.01 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

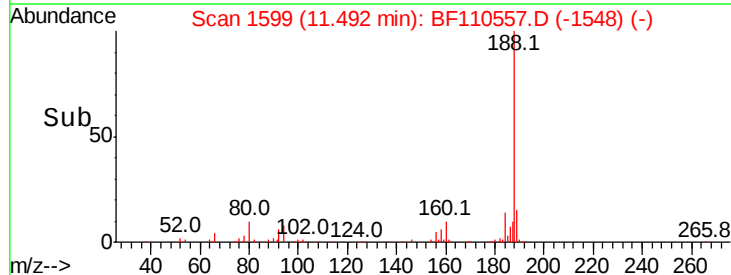
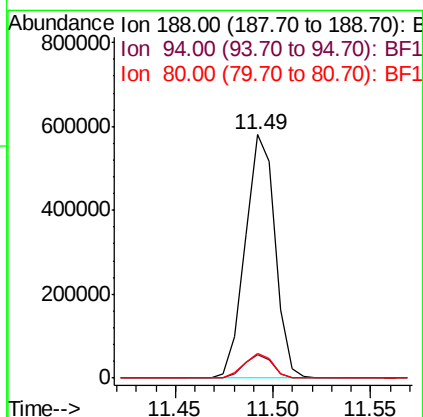
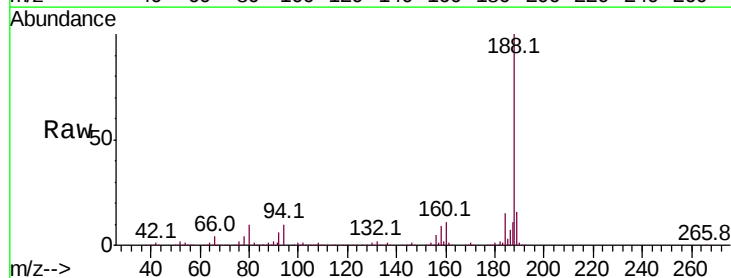
Instrument :
BNA_F
ClientSampleId :

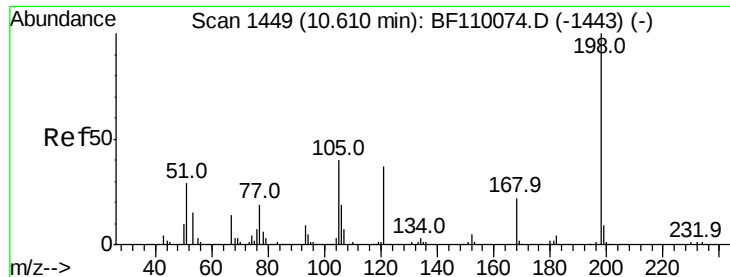
Tot Ion	Ratio	Lower	Upper
77	100		
182	27.0	4.3	44.3
105	22.9	1.3	41.3
51	30.9	9.0	49.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.2	10.8
80	10.4	7.9	11.9





#65

4,6-Dinitro-2-methylphenol

Concen: 50.658 ng

RT: 10.62 min Scan# 1451

Delta R.T. 0.02 min

Lab File: BF110557.D

Acq: 7 Nov 2018 16:02

Instrument :

BNA_F

ClientSampleId :

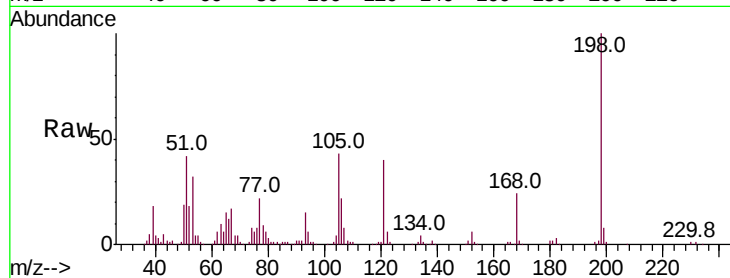
Tot Ion:198 Resp: 142100

Ion Ratio Lower Upper

198 100

51 41.6 22.8 62.8

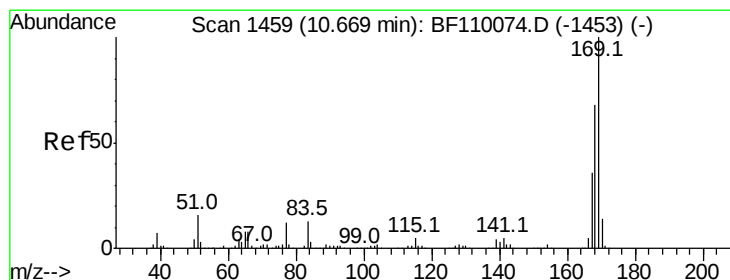
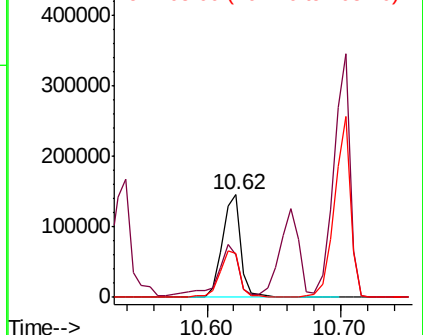
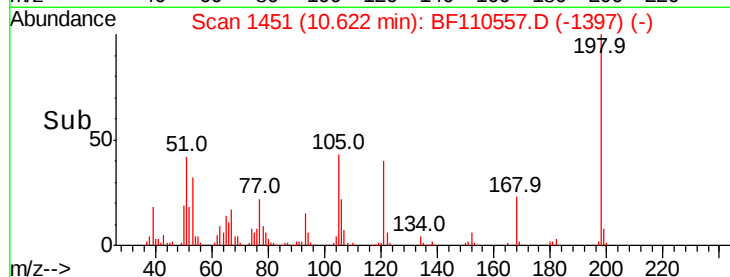
105 42.5 23.6 63.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.220 ng

RT: 10.66 min Scan# 1458

Delta R.T. 0.01 min

Lab File: BF110557.D

Acq: 7 Nov 2018 16:02

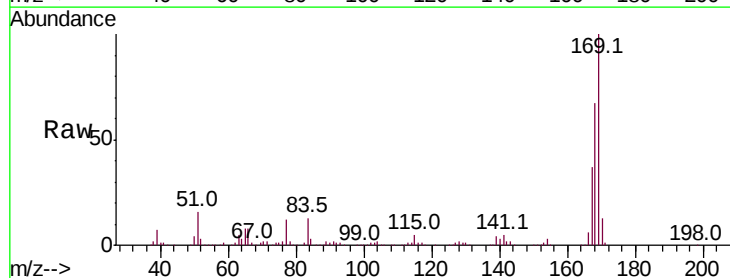
Tgt Ion:169 Resp: 850243

Ion Ratio Lower Upper

169 100

168 66.5 51.2 76.8

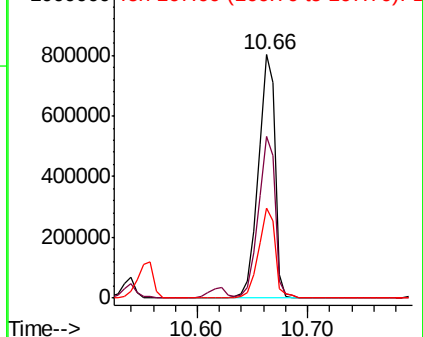
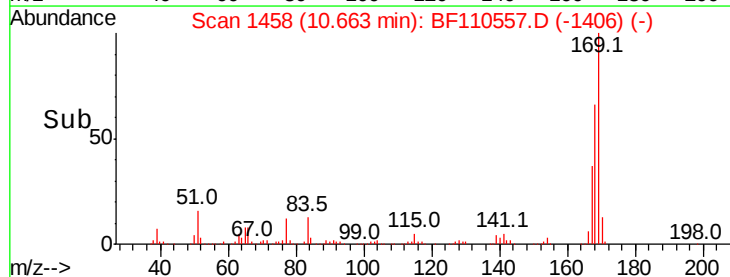
167 37.0 27.8 41.6

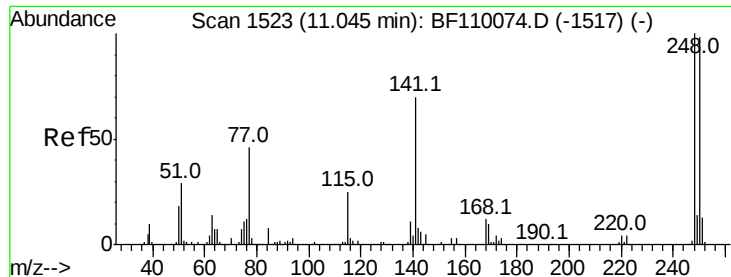


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

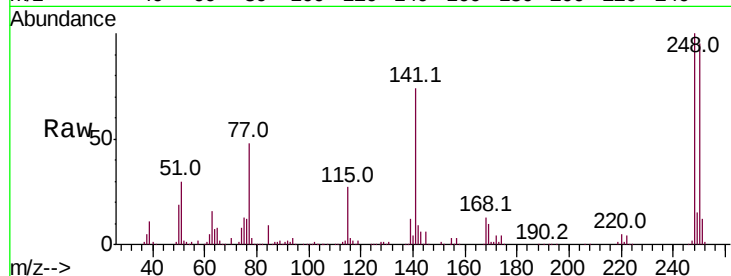




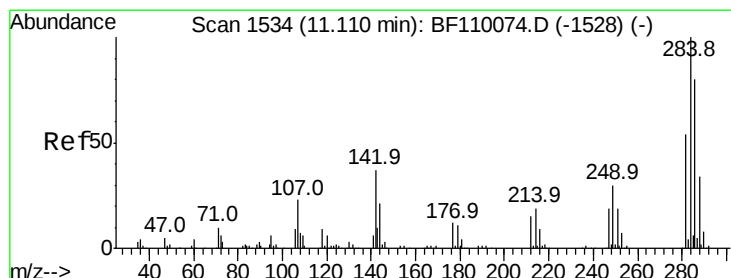
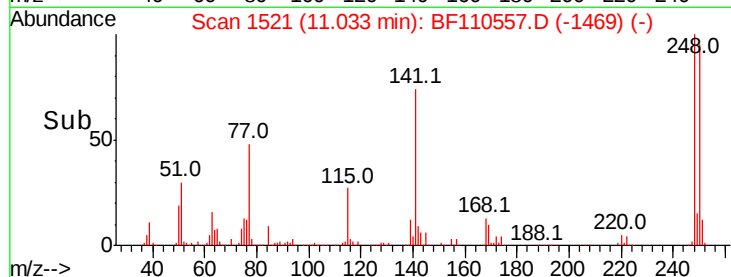
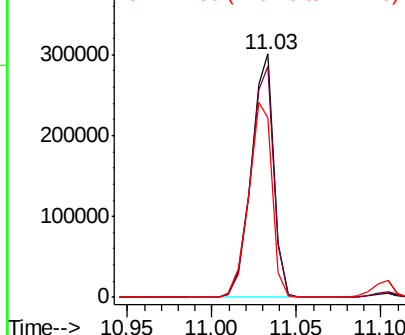
#67
4-Bromophenyl-phenylether
Concen: 42.348 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.01 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 282031
Ion Ratio Lower Upper
248 100
250 95.0 79.4 119.2
141 73.5 55.9 83.9

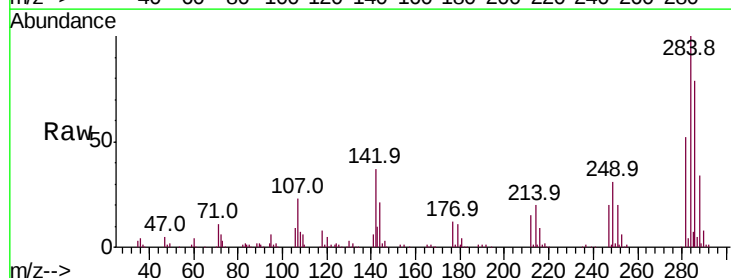


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

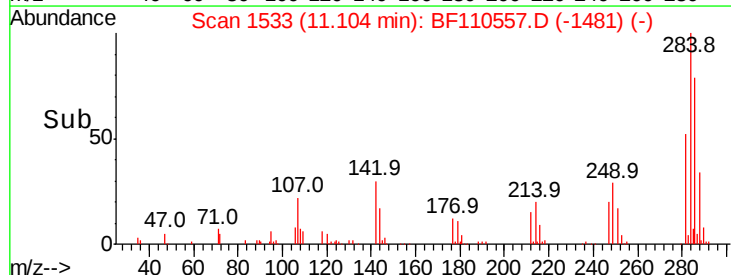
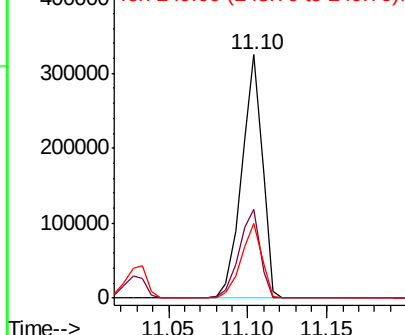


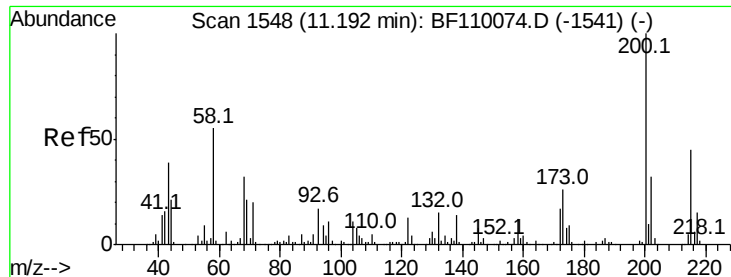
#68
Hexachlorobenzene
Concen: 41.399 ng
RT: 11.10 min Scan# 1533
Delta R.T. 0.01 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Tgt Ion:284 Resp: 292540
Ion Ratio Lower Upper
284 100
142 36.7 23.9 35.9#
249 30.7 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

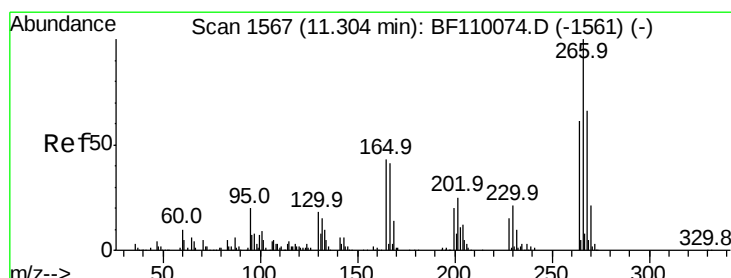
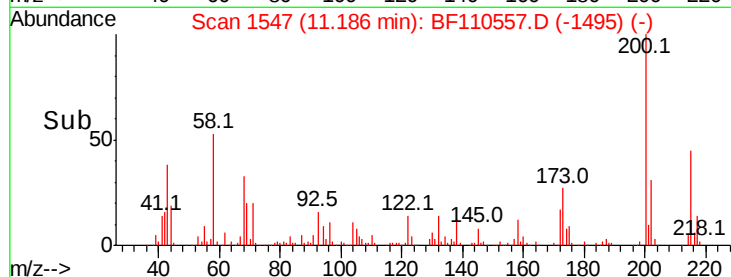
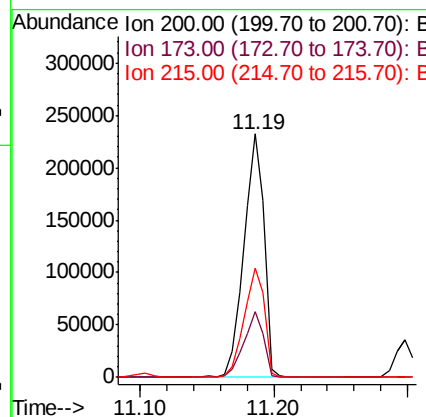
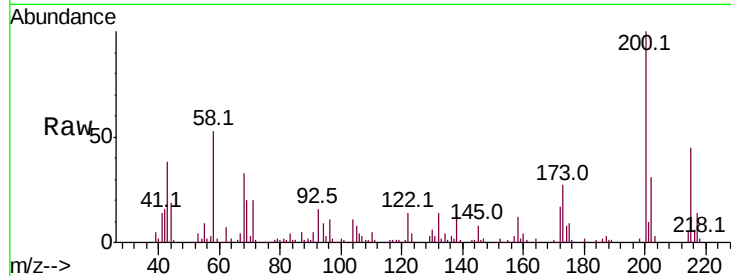




#69
Atrazine
Concen: 38.078 ng
RT: 11.19 min Scan# 1547
Delta R.T. 0.01 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

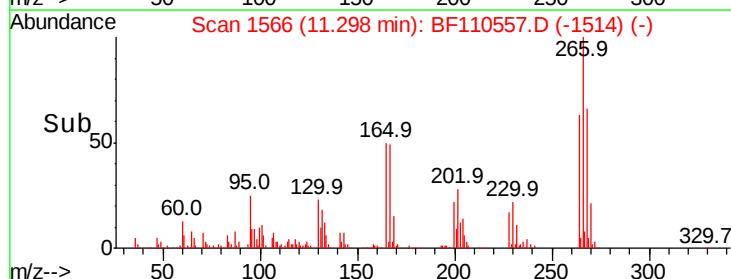
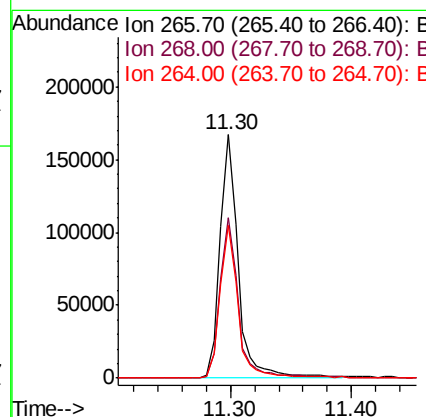
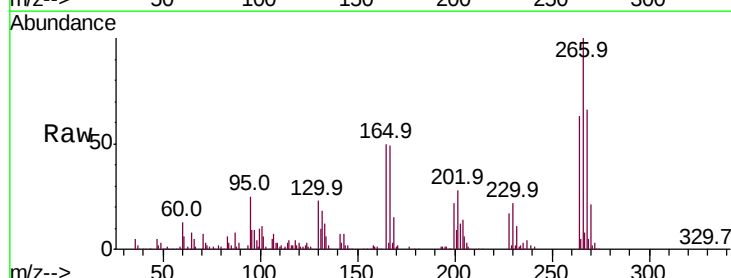
Instrument :
BNA_F
ClientSampleId :

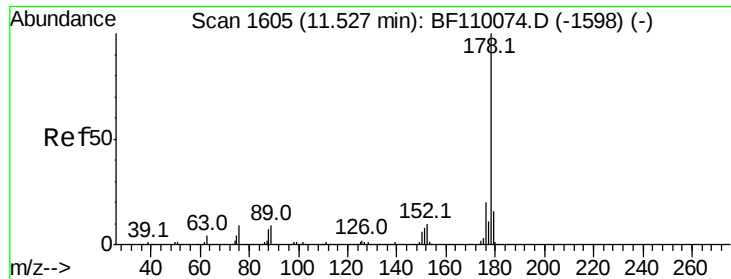
Tot Ion:200 Resp: 242334
Ion Ratio Lower Upper
200 100
173 27.0 6.6 46.6
215 45.0 26.3 66.3



#70
Pentachlorophenol
Concen: 42.067 ng
RT: 11.30 min Scan# 1566
Delta R.T. 0.01 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Tgt Ion:266 Resp: 173334
Ion Ratio Lower Upper
266 100
268 65.7 50.6 75.8
264 62.7 50.6 75.8





#71

Phenanthrene

Concen: 39.261 ng

RT: 11.52 min Scan# 1604

Delta R.T. 0.01 min

Lab File: BF110557.D

Acq: 7 Nov 2018 16:02

Instrument :

BNA_F

ClientSampleId :

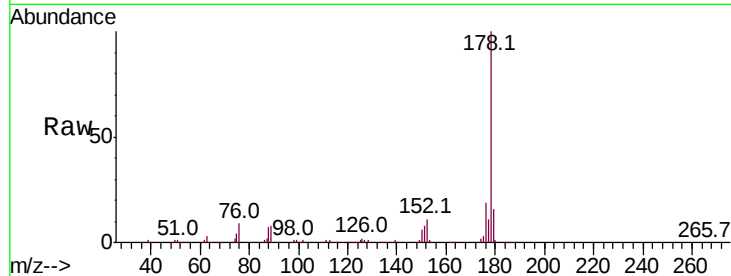
Tot Ion:178 Resp: 1261293

Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

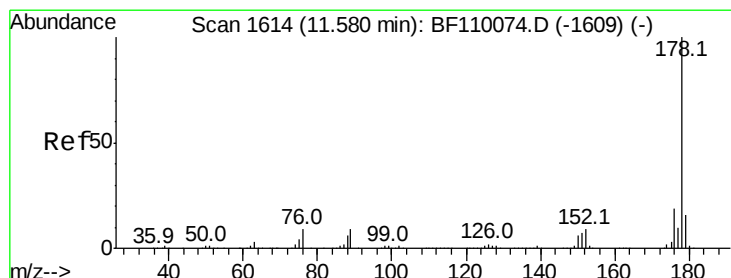
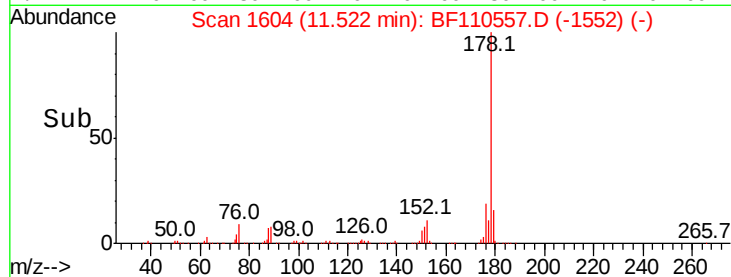
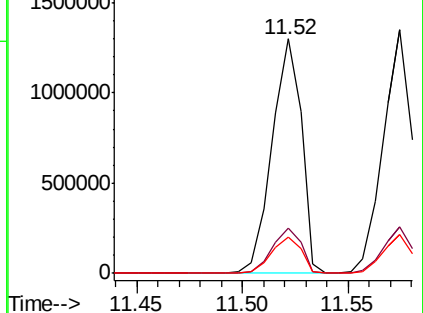
179 15.6 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.345 ng

RT: 11.57 min Scan# 1613

Delta R.T. 0.01 min

Lab File: BF110557.D

Acq: 7 Nov 2018 16:02

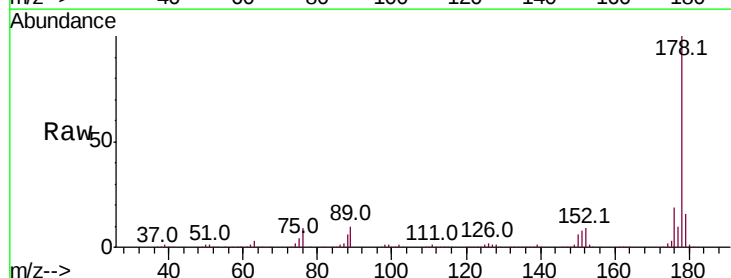
Tgt Ion:178 Resp: 1266969

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

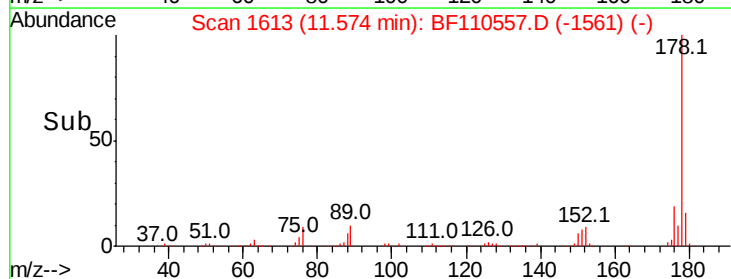
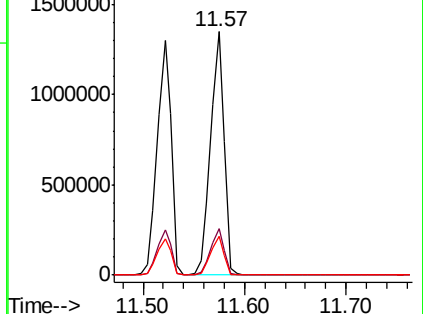
179 16.0 12.6 18.8

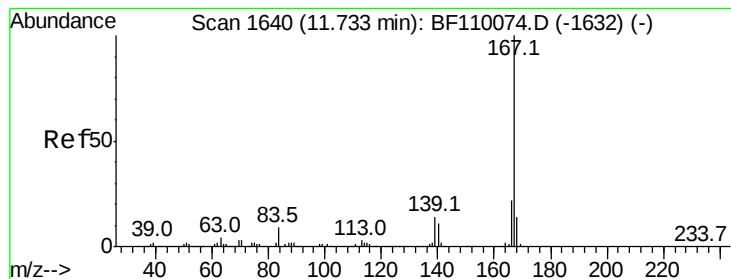


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 38.774 ng

RT: 11.73 min Scan# 1639

Delta R.T. 0.01 min

Lab File: BF110557.D

Acq: 7 Nov 2018 16:02

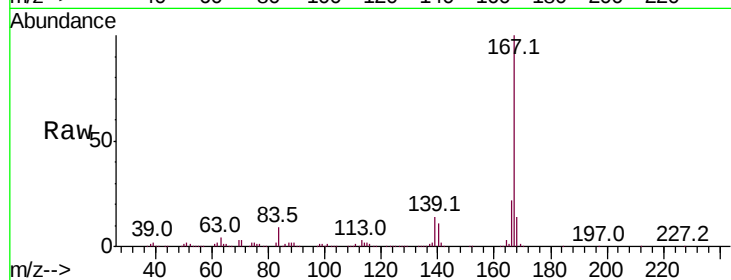
Instrument :

BNA_F

ClientSampleId :

Tot Ion:167 Resp: 1219101

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.4	26.0
139	13.8	10.9	16.3

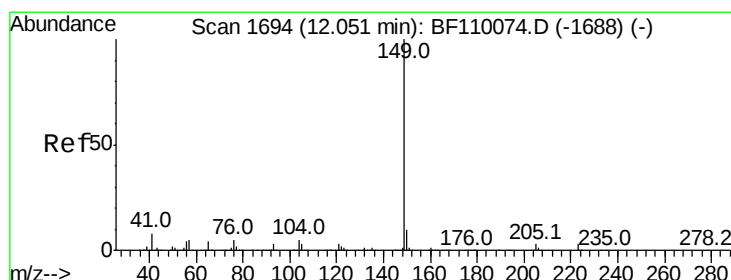
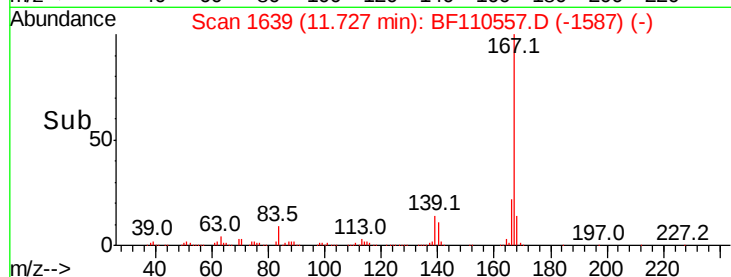
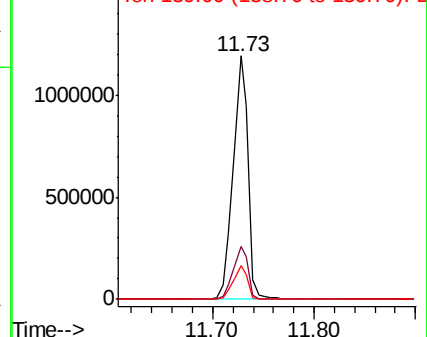


Abundance

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: 41.792 ng

RT: 12.04 min Scan# 1692

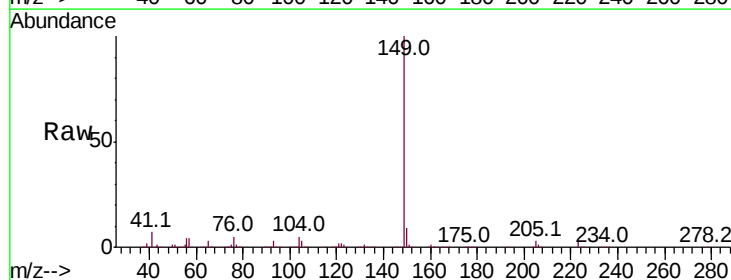
Delta R.T. 0.01 min

Lab File: BF110557.D

Acq: 7 Nov 2018 16:02

Tgt Ion:149 Resp: 1484022

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.7	11.5
104	4.9	4.2	6.4

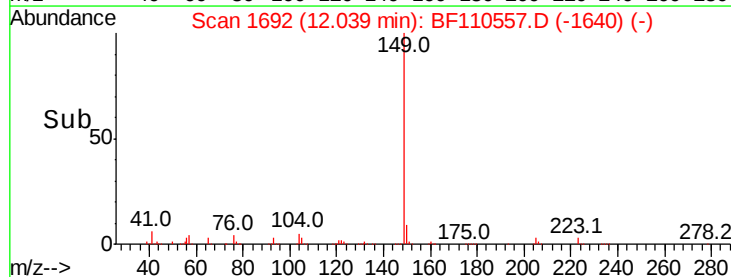
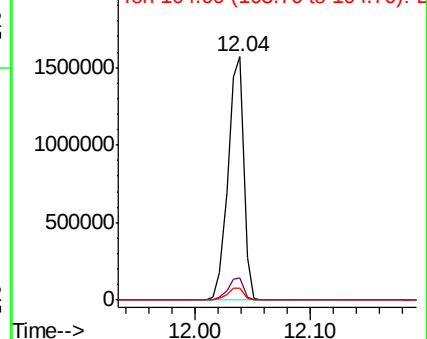


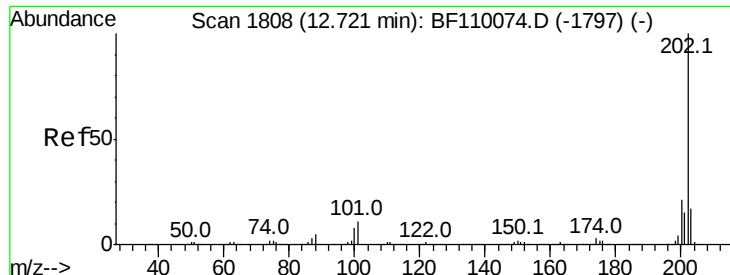
Abundance

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

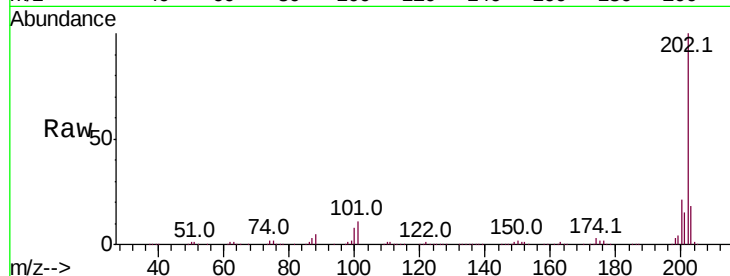




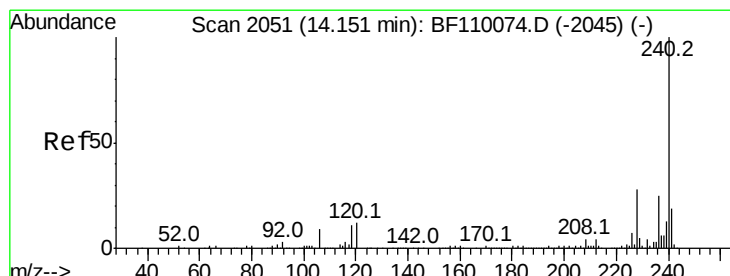
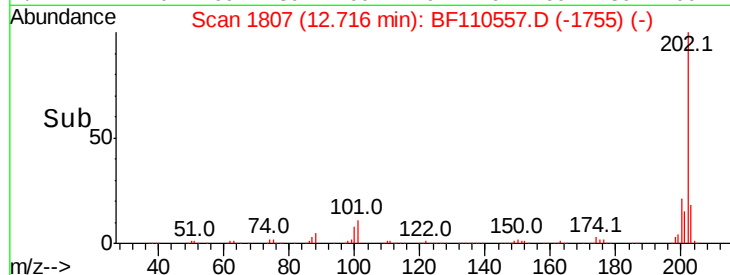
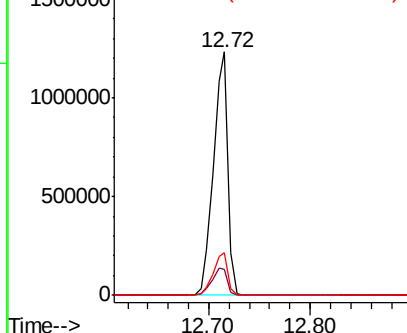
#75
 Fluoranthene
 Concen: 37.200 ng
 RT: 12.72 min Scan# 1807
 Delta R.T. 0.01 min
 Lab File: BF110557.D
 Acq: 7 Nov 2018 16:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1212877
 Ion Ratio Lower Upper
 202 100
 101 10.5 0.0 31.4
 203 17.8 0.0 37.7

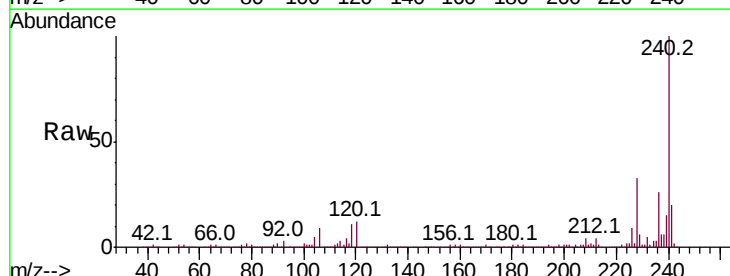


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

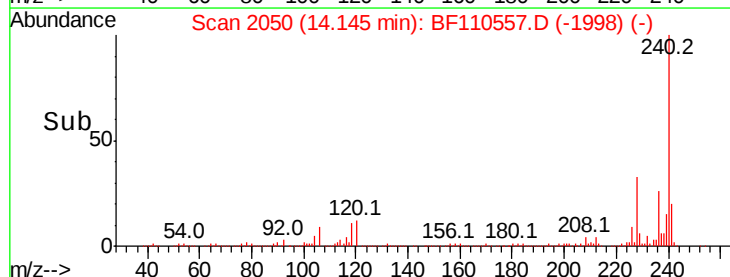
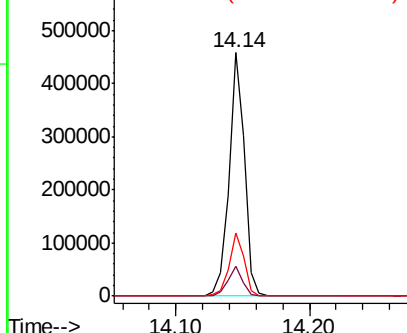


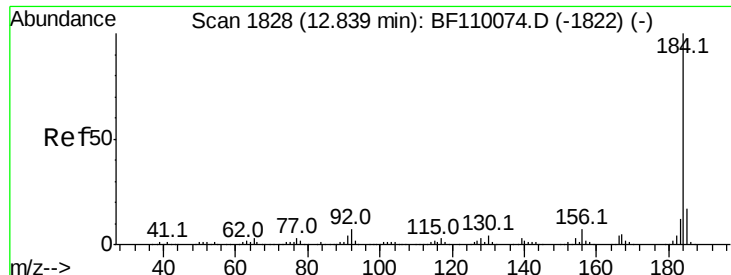
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2050
 Delta R.T. 0.01 min
 Lab File: BF110557.D
 Acq: 7 Nov 2018 16:02

Tgt Ion:240 Resp: 373737
 Ion Ratio Lower Upper
 240 100
 120 12.3 8.3 12.5
 236 26.2 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 18.444 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF110557.D

Acq: 7 Nov 2018 16:02

Instrument :

BNA_F

ClientSampleId :

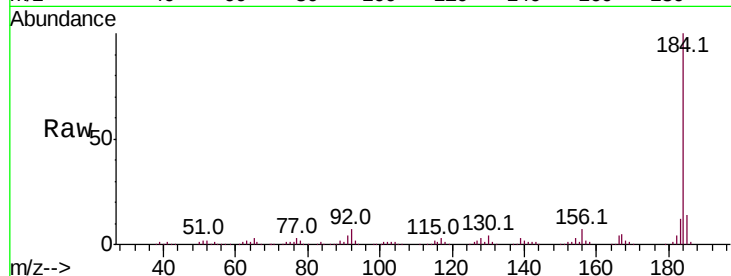
Tot Ion:184 Resp: 252355

Ion Ratio Lower Upper

184 100

185 14.4 13.4 20.2

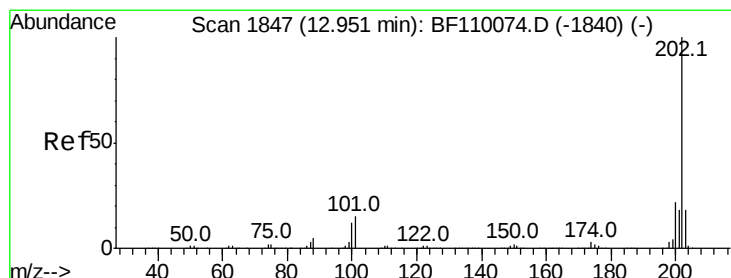
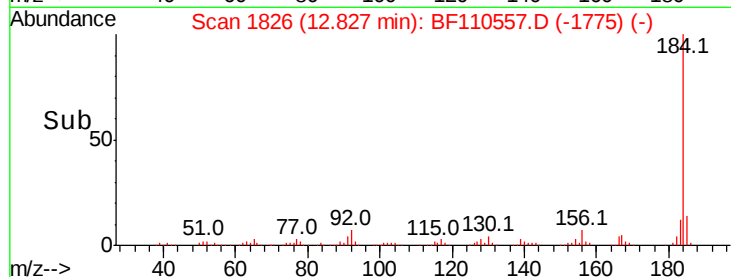
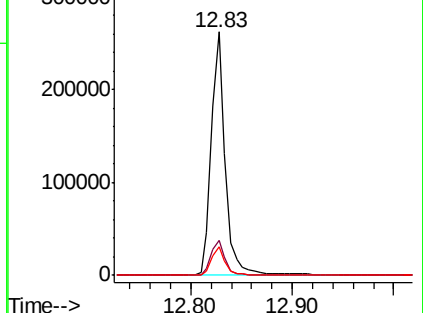
183 11.7 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 46.440 ng

RT: 12.94 min Scan# 1846

Delta R.T. 0.01 min

Lab File: BF110557.D

Acq: 7 Nov 2018 16:02

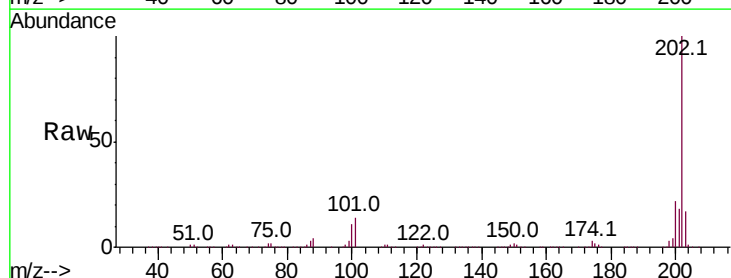
Tgt Ion:202 Resp: 1244312

Ion Ratio Lower Upper

202 100

200 21.5 17.8 26.6

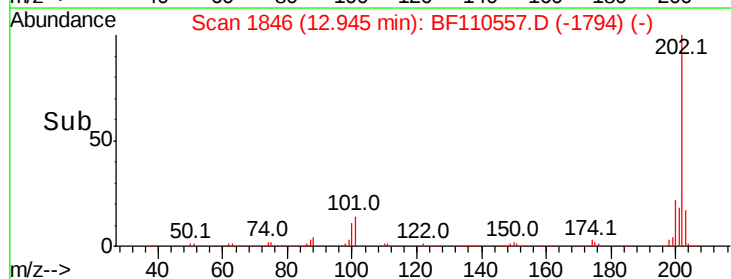
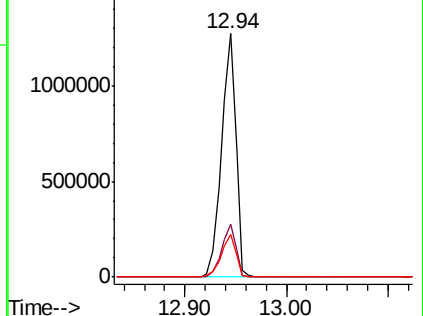
203 17.5 14.2 21.4

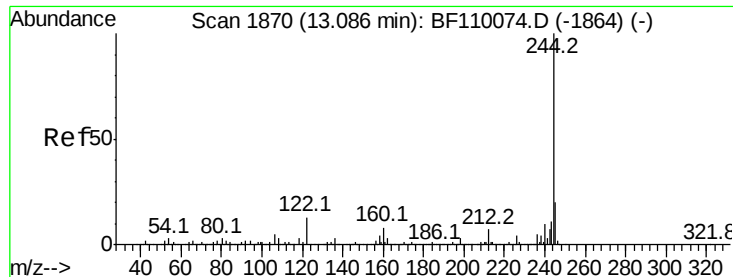


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 90.564 ng

RT: 13.08 min Scan# 1869

Delta R.T. 0.01 min

Lab File: BF110557.D

Acq: 7 Nov 2018 16:02

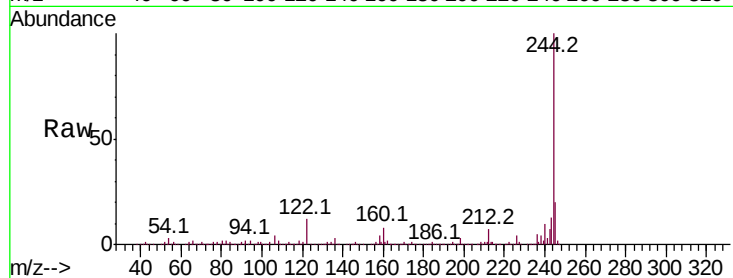
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 1627499

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	12.3	8.7	13.1

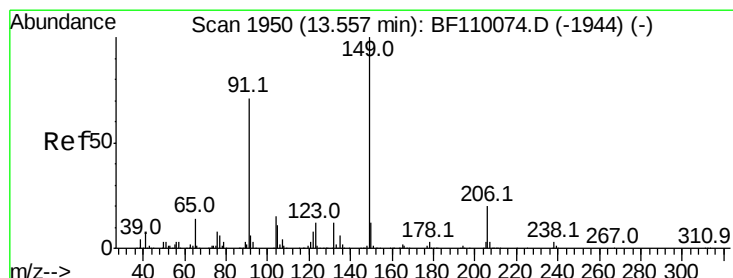
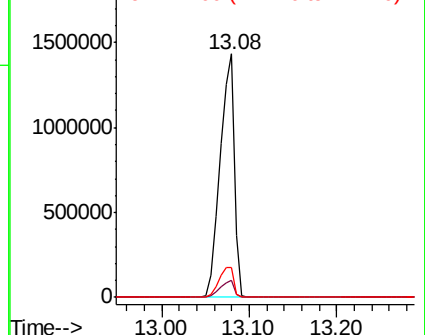
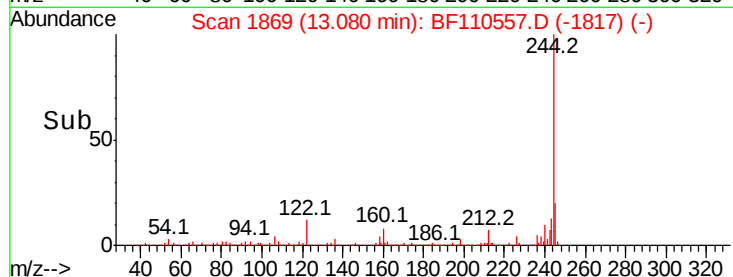


Abundance

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: 48.067 ng

RT: 13.54 min Scan# 1947

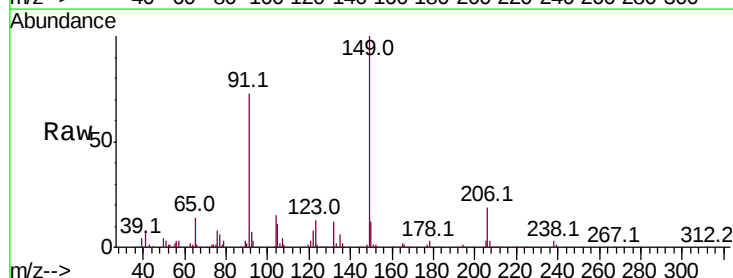
Delta R.T. 0.00 min

Lab File: BF110557.D

Acq: 7 Nov 2018 16:02

Tgt Ion:149 Resp: 559001

Ion	Ratio	Lower	Upper
149	100		
91	72.5	57.2	85.8
206	19.3	15.7	23.5

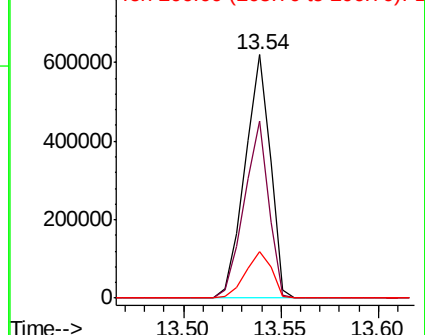
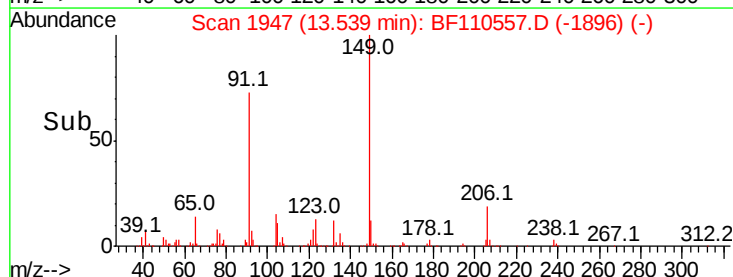


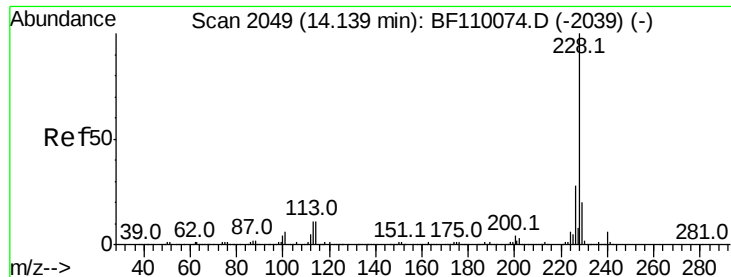
Abundance

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

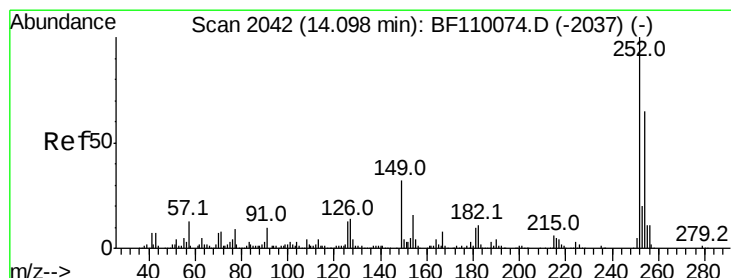
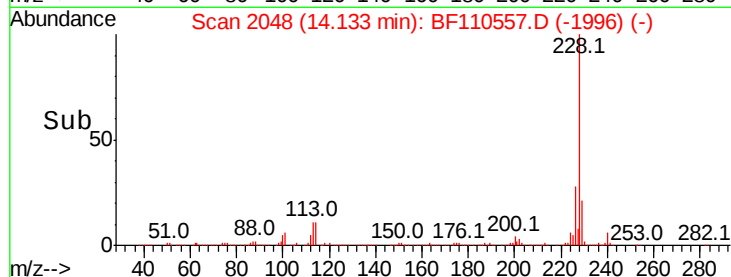
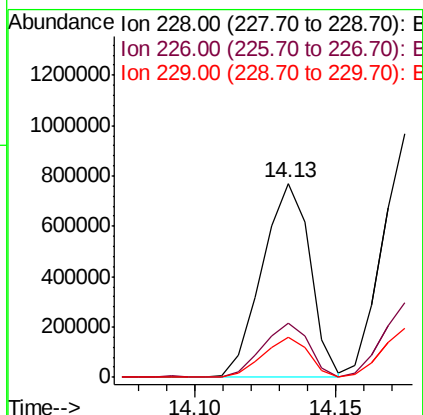
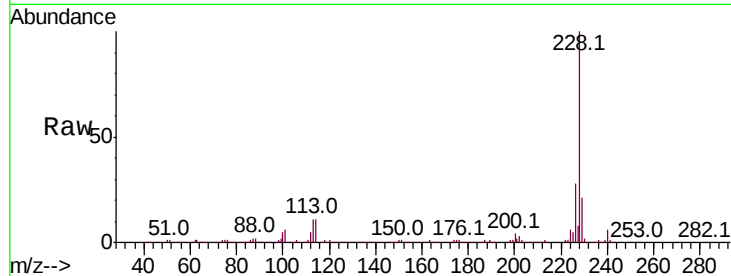




#81
Benzo(a)anthracene
Concen: 40.850 ng
RT: 14.13 min Scan# 2048
Delta R.T. 0.01 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

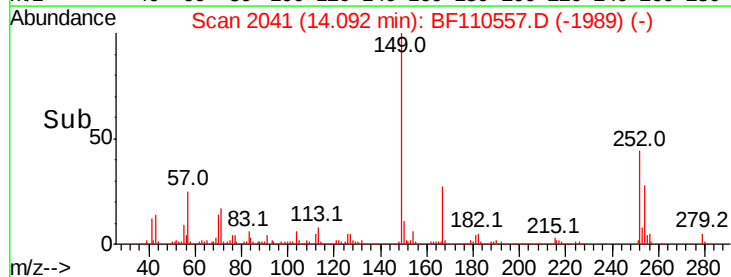
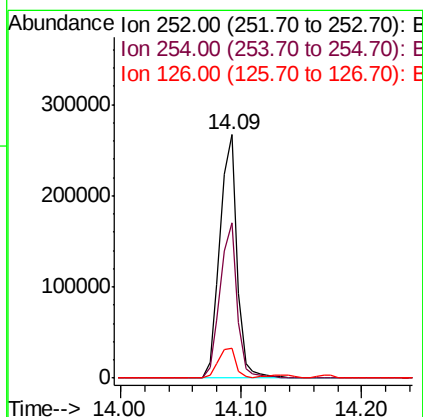
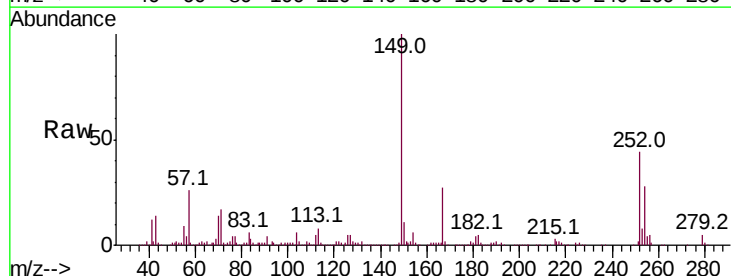
Instrument :
BNA_F
ClientSampleId :

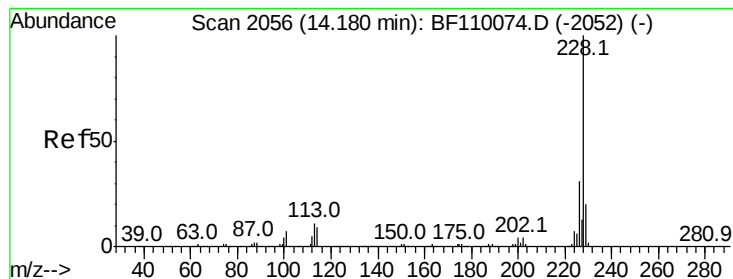
Tot Ion:228 Resp: 905383
Ion Ratio Lower Upper
228 100
226 27.8 22.1 33.1
229 20.5 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 33.978 ng
RT: 14.09 min Scan# 2041
Delta R.T. 0.01 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Tgt Ion:252 Resp: 262232
Ion Ratio Lower Upper
252 100
254 63.7 51.3 76.9
126 12.1 9.4 14.2





#83

Chrysene

Concen: 40.400 ng

RT: 14.17 min Scan# 2055

Delta R.T. 0.01 min

Lab File: BF110557.D

Acq: 7 Nov 2018 16:02

Instrument :

BNA_F

ClientSampleId :

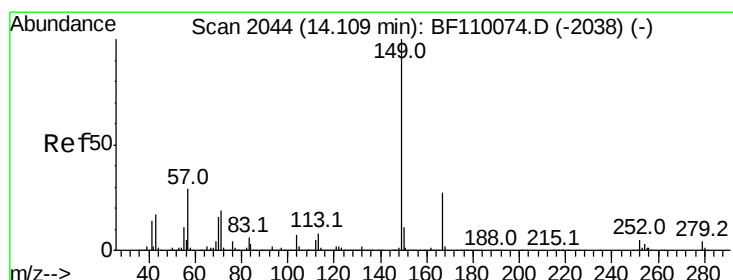
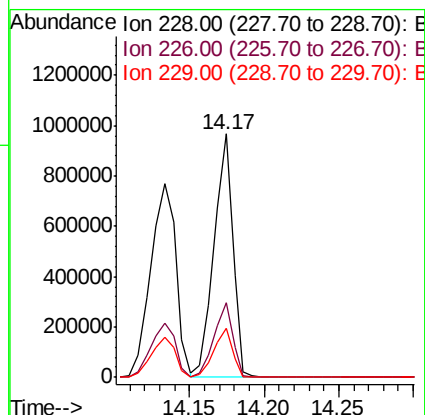
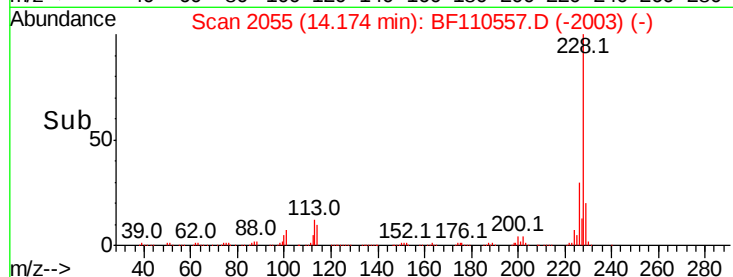
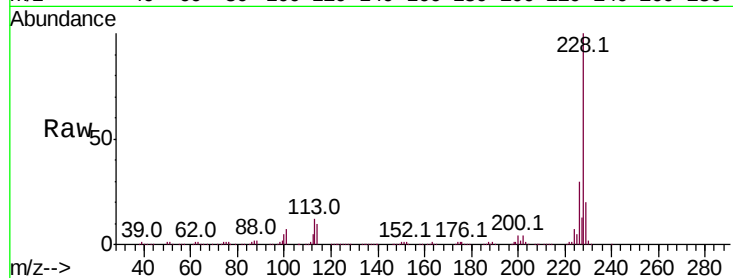
Tot Ion:228 Resp: 850448

Ion Ratio Lower Upper

228 100

226 30.5 24.7 37.1

229 20.0 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.742 ng

RT: 14.09 min Scan# 2040

Delta R.T. 0.00 min

Lab File: BF110557.D

Acq: 7 Nov 2018 16:02

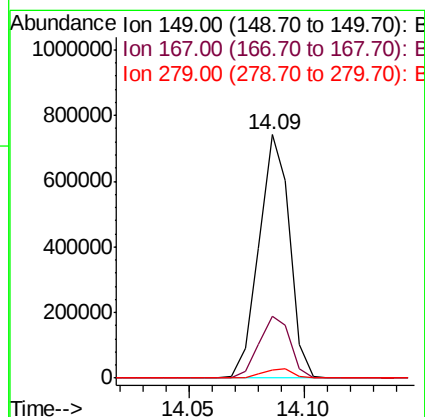
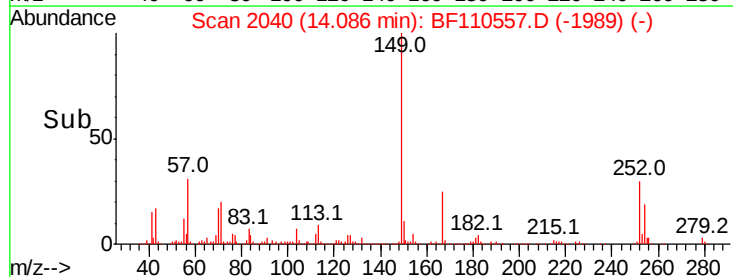
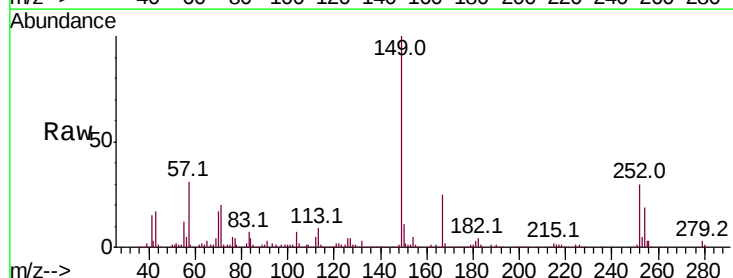
Tgt Ion:149 Resp: 687665

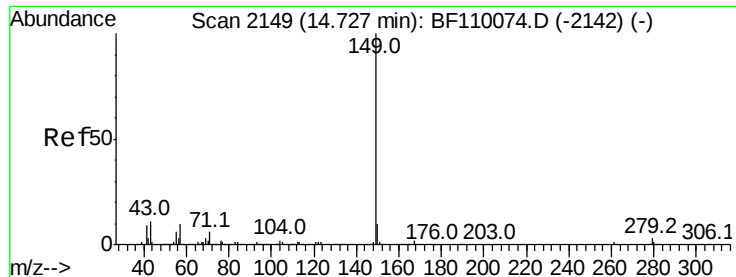
Ion Ratio Lower Upper

149 100

167 25.4 19.8 29.8

279 3.4 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 41.871 ng

RT: 14.70 min Scan# 2145

Delta R.T. 0.00 min

Lab File: BF110557.D

Acq: 7 Nov 2018 16:02

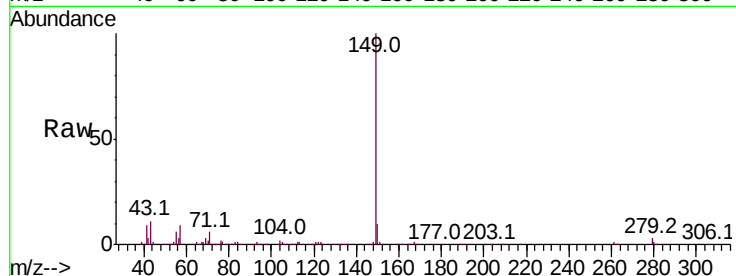
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1023537

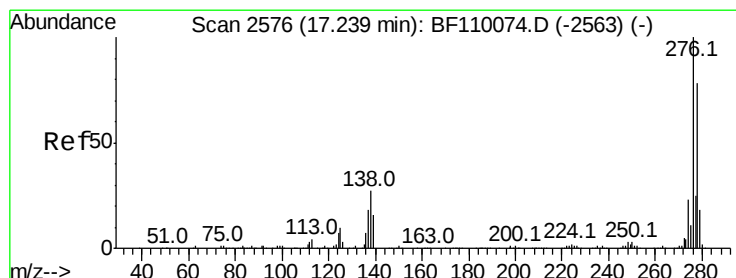
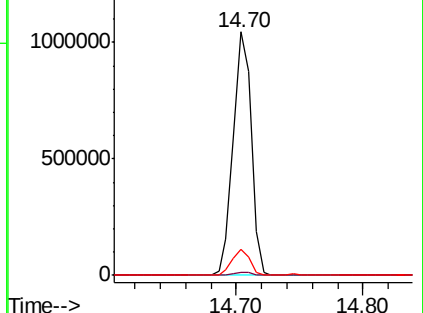
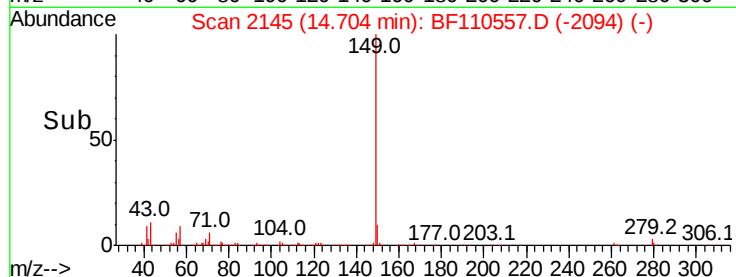
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	10.5	7.8	11.8



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: 39.987 ng

RT: 17.26 min Scan# 2579

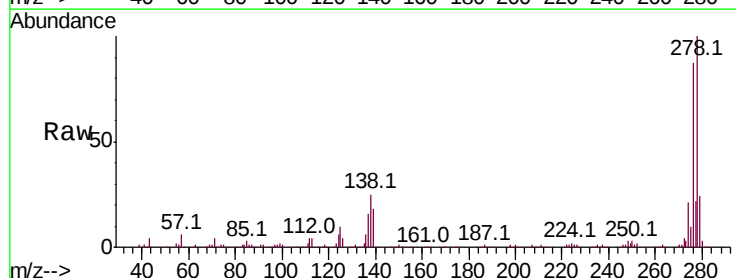
Delta R.T. 0.03 min

Lab File: BF110557.D

Acq: 7 Nov 2018 16:02

Tgt Ion:276 Resp: 698322

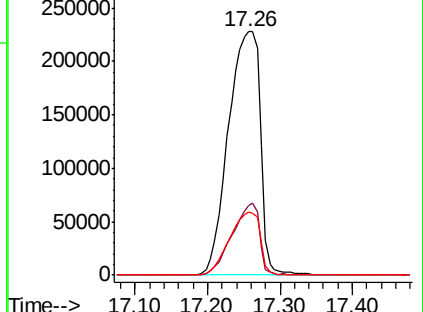
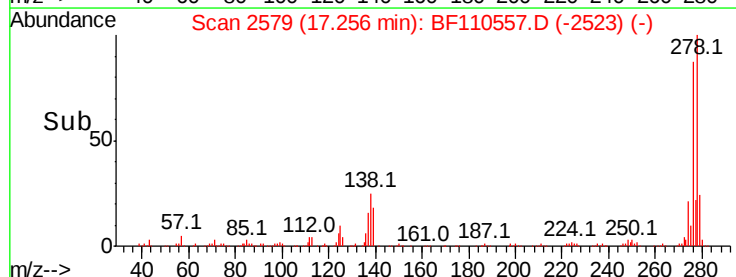
Ion	Ratio	Lower	Upper
276	100		
138	25.4	18.5	27.7
277	24.7	20.0	30.0

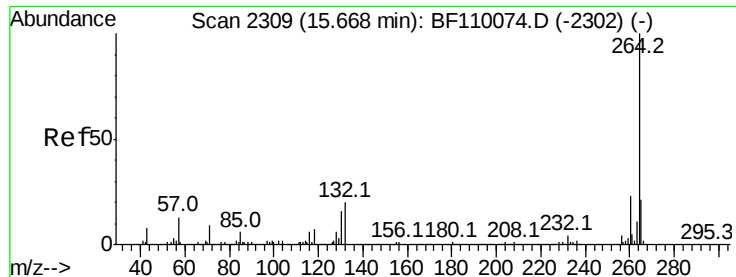


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

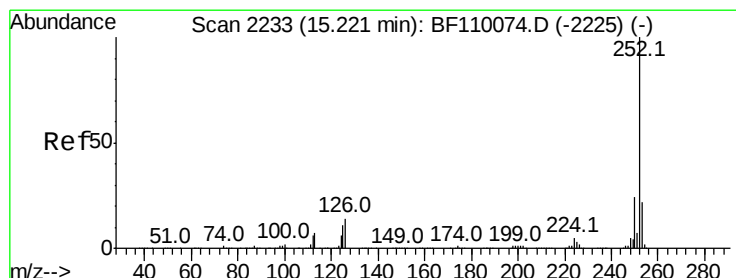
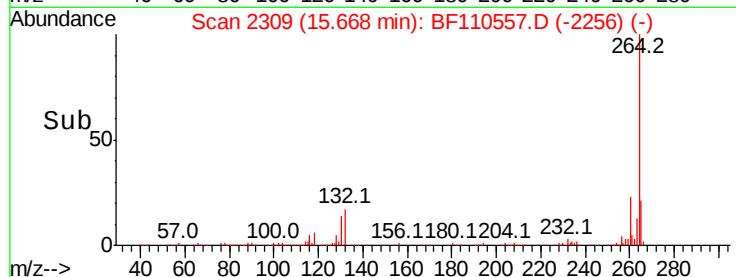
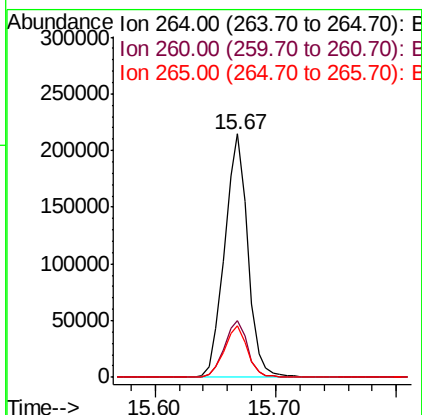
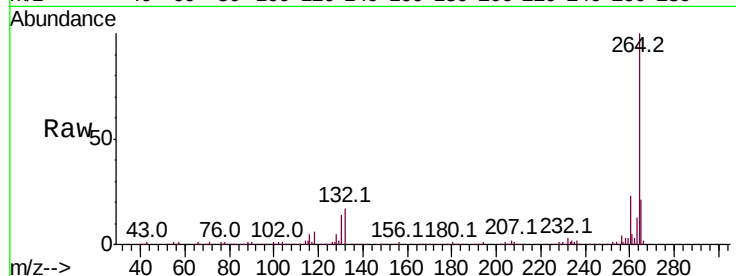




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. 0.01 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

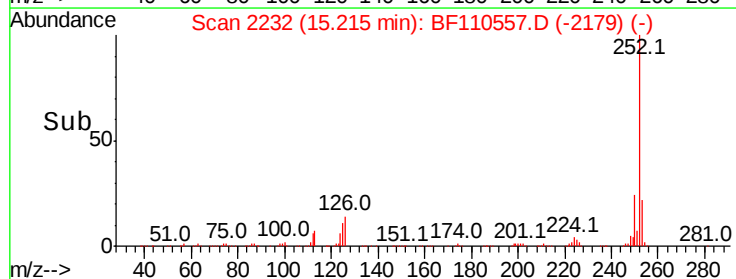
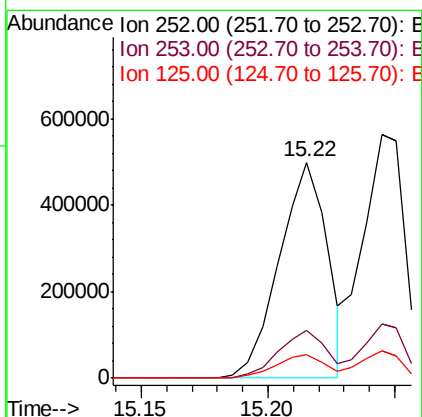
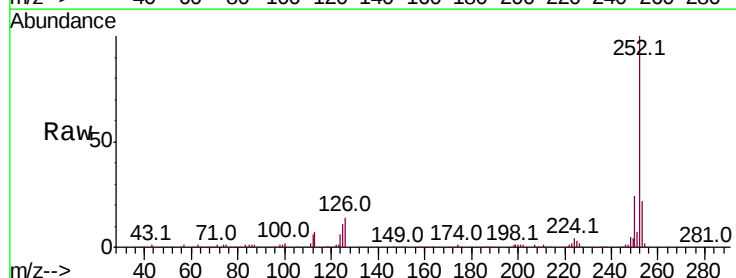
Instrument :
BNA_F
ClientSampled :

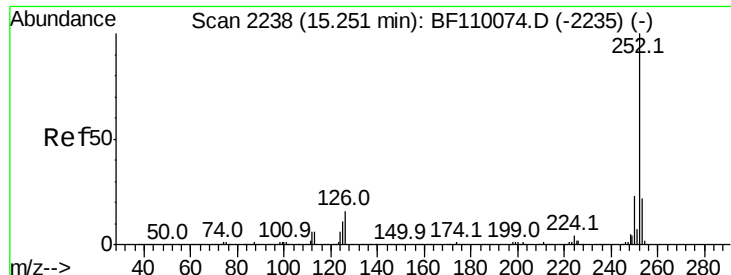
Tot Ion:264 Resp: 285099
Ion Ratio Lower Upper
264 100
260 23.3 18.7 28.1
265 21.3 16.7 25.1



#88
Benzo(b)fluoranthene
Concen: 40.084 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.01 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Tgt Ion:252 Resp: 659915
Ion Ratio Lower Upper
252 100
253 22.2 17.2 25.8
125 11.1 8.2 12.4

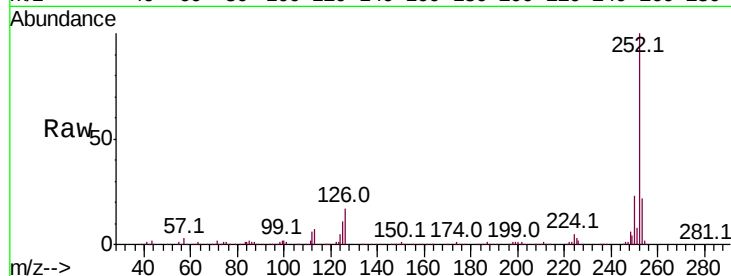




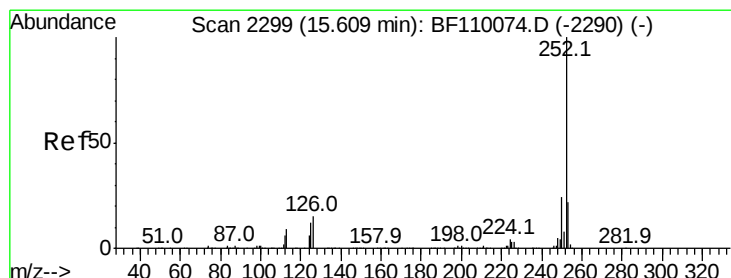
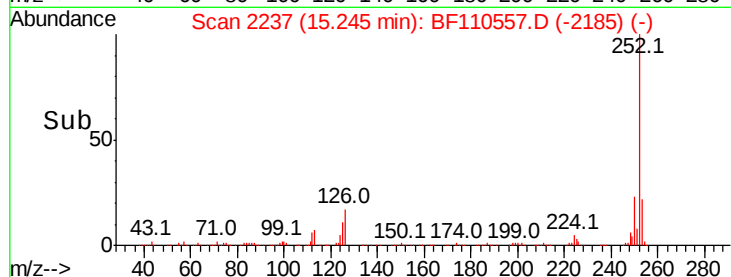
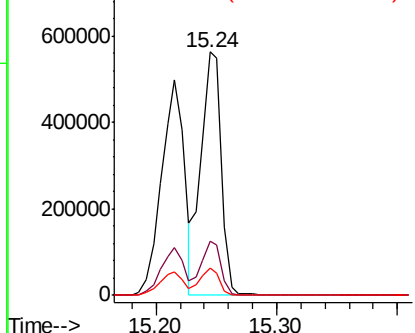
#89
Benzo(k)fluoranthene
Concen: 40.558 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 656443
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 11.4 7.4 11.0#

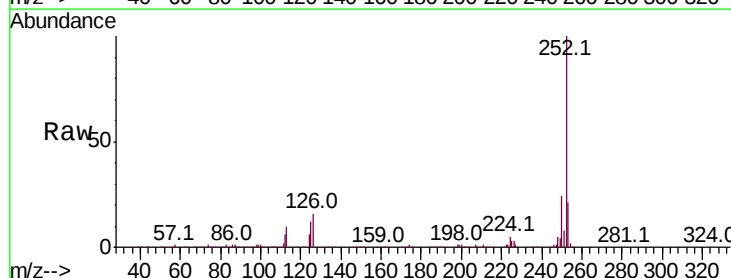


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

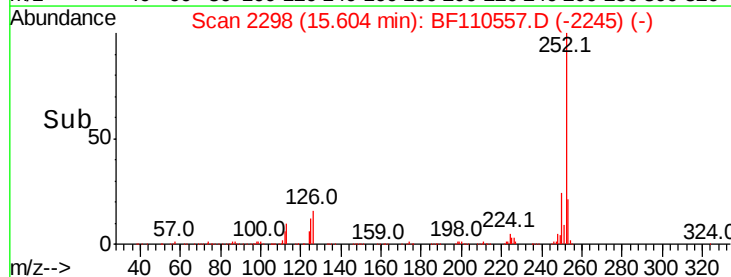
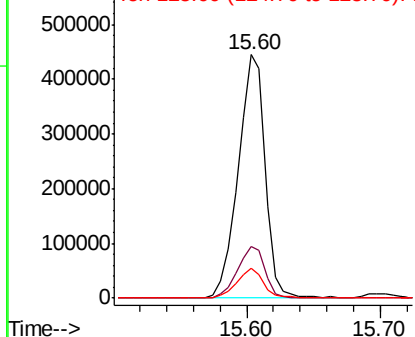


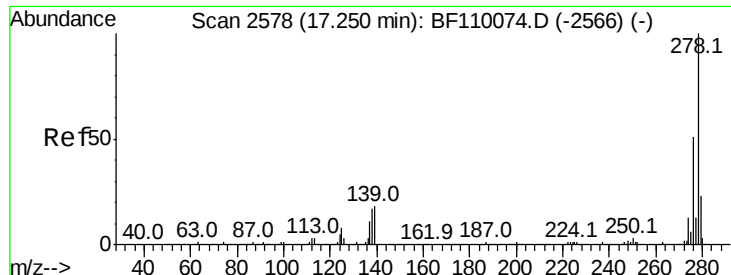
#90
Benzo(a)pyrene
Concen: 40.817 ng
RT: 15.60 min Scan# 2298
Delta R.T. 0.01 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Tgt Ion:252 Resp: 618332
Ion Ratio Lower Upper
252 100
253 21.4 18.2 27.4
125 12.3 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

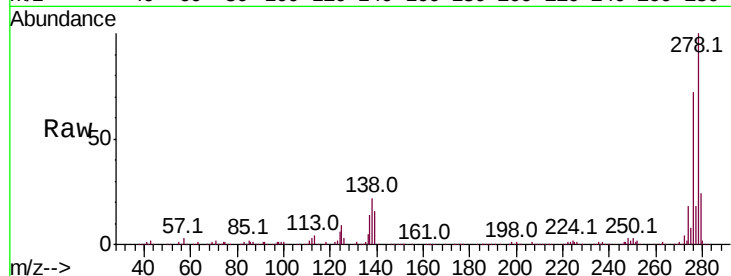




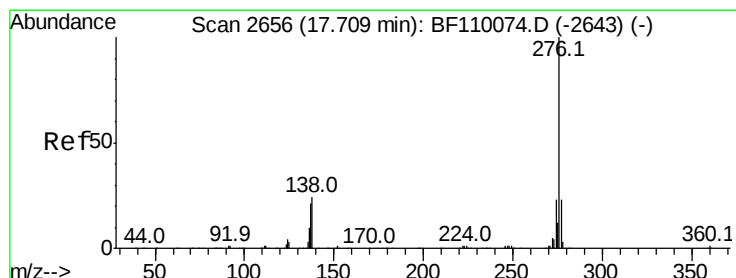
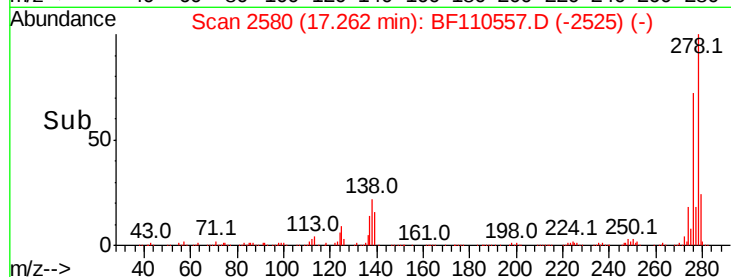
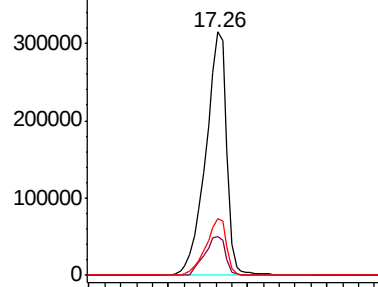
#91
Dibenzo(a,h)anthracene
Concen: 44.059 ng
RT: 17.26 min Scan# 2580
Delta R.T. 0.02 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 575908
Ion Ratio Lower Upper
278 100
139 16.0 12.7 19.1
279 23.5 19.0 28.4

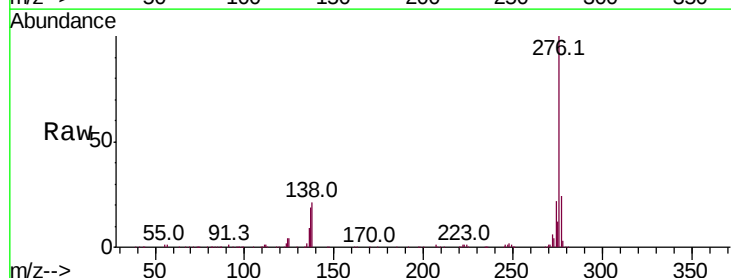


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 45.518 ng
RT: 17.73 min Scan# 2660
Delta R.T. 0.03 min
Lab File: BF110557.D
Acq: 7 Nov 2018 16:02

Tgt Ion:276 Resp: 586298
Ion Ratio Lower Upper
276 100
277 23.9 18.8 28.2
138 21.2 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

