

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111318\
 Data File : BF110723.D
 Acq On : 13 Nov 2018 17:09
 Operator : JU/SJ
 Sample : J5910-07MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 13 18:30:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 09 15:13:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	88332	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	363061	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	169222	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	290604	20.00	ng	0.00
76) Chrysene-d12	14.13	240	162218	20.00	ng	0.00
87) Perylene-d12	15.66	264	171371	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	676254	124.35	ng	0.01
7) Phenol-d6	6.58	99	873364	125.59	ng	0.00
23) Nitrobenzene-d5	7.52	82	551845	87.53	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	206331	121.01	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	998417	84.26	ng	0.00
79) Terphenyl-d14	13.06	244	744013	85.89	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.83	88	83733	30.903	ng	90
3) Pyridine	3.62	79	220534	37.707	ng	86
4) n-Nitrosodimethylamine	3.58	42	126082	50.242	ng	88
6) Aniline	6.62	93	279672	30.839	ng	# 54
8) 2-Chlorophenol	6.73	128	275339	43.190	ng	99
9) Benzaldehyde	6.50	77	157146	42.868	ng	95
10) Phenol	6.59	94	435409	53.998	ng	# 66
11) bis(2-Chloroethyl)ether	6.68	93	256855	42.505	ng	92
12) 1,3-Dichlorobenzene	6.89	146	280318	40.188	ng	98
13) 1,4-Dichlorobenzene	6.96	146	288681	40.756	ng	98
14) 1,2-Dichlorobenzene	7.12	146	271761	41.243	ng	99
15) Benzyl Alcohol	7.09	79	241861	44.444	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.21	45	403396	42.507	ng	73
17) 2-Methylphenol	7.20	107	220502	43.461	ng	# 86
18) Hexachloroethane	7.45	117	106146	40.592	ng	94
19) n-Nitroso-di-n-propylamine	7.36	70	188579	42.483	ng	96
20) 3+4-Methylphenols	7.35	107	278371	42.741	ng	# 82
22) Acetophenone	7.36	105	378316	44.711	ng	# 94
24) Nitrobenzene	7.53	77	287901	44.573	ng	95
25) Isophorone	7.76	82	521931	50.512	ng	98
26) 2-Nitrophenol	7.85	139	146131	45.350	ng	97
27) 2,4-Dimethylphenol	7.87	122	249749	50.892	ng	99
28) bis(2-Chloroethoxy)methane	7.97	93	326713	46.700	ng	99
29) 2,4-Dichlorophenol	8.09	162	230488	45.645	ng	98
30) 1,2,4-Trichlorobenzene	8.17	180	241589	42.434	ng	96
31) Naphthalene	8.25	128	791038	46.412	ng	100
32) Benzoic acid	7.99	122	54893	15.809	ng	87
33) 4-Chloroaniline	8.30	127	181354	23.491	ng	99
34) Hexachlorobutadiene	8.35	225	131589	40.466	ng	99
35) Caprolactam	8.68	113	68410	40.550	ng	89
36) 4-Chloro-3-methylphenol	8.78	107	250835	46.059	ng	96
37) 2-Methylnaphthalene	8.94	142	544615	48.744	ng	99
38) 1-Methylnaphthalene	9.04	142	506783	47.164	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	226942	42.367	ng	98

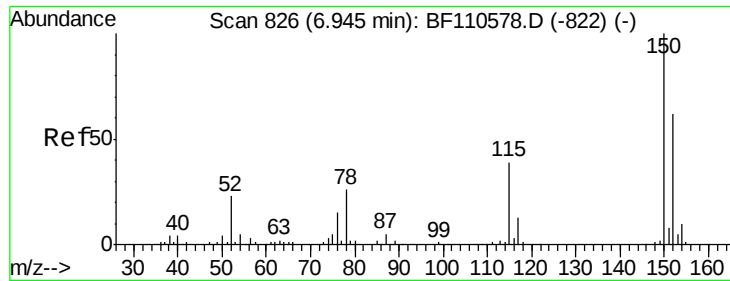
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111318\
 Data File : BF110723.D
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 Operator : JU/SJ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 09 15:13:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.09	237	138146	67.478	ng	98
43) 2,4,6-Trichlorophenol	9.22	196	152523	45.312	ng	95
44) 2,4,5-Trichlorophenol	9.26	196	162766	45.332	ng	93
46) 1,1'-Biphenyl	9.40	154	659327	41.767	ng	100
47) 2-Chloronaphthalene	9.43	162	493948	43.432	ng	99
48) 2-Nitroaniline	9.53	65	159119	45.402	ng	97
49) Acenaphthylene	9.85	152	766341	46.790	ng	99
50) Dimethylphthalate	9.70	163	713455	56.503	ng	100
51) 2,6-Dinitrotoluene	9.77	165	126646	45.594	ng	99
52) Acenaphthene	10.02	154	458499	44.297	ng	98
53) 3-Nitroaniline	9.95	138	98604	30.641	ng	94
54) 2,4-Dinitrophenol	10.06	184	60072	55.801	ng	95
55) Dibenzofuran	10.20	168	661304	43.669	ng	95
56) 4-Nitrophenol	10.12	139	171600	80.377	ng	94
57) 2,4-Dinitrotoluene	10.19	165	163227	45.195	ng	97
58) Fluorene	10.54	166	536028	46.083	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.27	232	119944	42.464	ng	98
60) Diethylphthalate	10.40	149	569593	45.597	ng	100
61) 4-Chlorophenyl-phenylether	10.52	204	255286	42.388	ng	97
62) 4-Nitroaniline	10.57	138	122945	37.940	ng	95
63) Azobenzene	10.69	77	531023	43.570	ng	97
65) 4,6-Dinitro-2-methylphenol	10.60	198	54336	37.099	ng	88
66) n-Nitrosodiphenylamine	10.65	169	462547	47.221	ng	98
67) 4-Bromophenyl-phenylether	11.02	248	145612	45.337	ng	91
68) Hexachlorobenzene	11.09	284	150926	44.571	ng	# 88
69) Atrazine	11.17	200	143459	47.899	ng	98
70) Pentachlorophenol	11.29	266	132516	73.342	ng	99
71) Phenanthrene	11.51	178	721448	46.339	ng	99
72) Anthracene	11.56	178	743339	47.330	ng	99
73) Carbazole	11.72	167	615431	40.803	ng	99
74) Di-n-butylphthalate	12.02	149	811892	45.902	ng	99
75) Fluoranthene	12.70	202	612942	39.268	ng	100
77) Benzidine	12.82	184	77145	17.293	ng	96
78) Pyrene	12.93	202	589717	47.214	ng	98
80) Butylbenzylphthalate	13.53	149	253460	47.147	ng	99
81) Benzo(a)anthracene	14.12	228	451681	46.585	ng	100
82) 3,3'-Dichlorobenzidine	14.07	252	117908	36.301	ng	98
83) Chrysene	14.16	228	425516	46.065	ng	99
84) Bis(2-ethylhexyl)phthalate	14.07	149	325176	48.759	ng	98
85) Di-n-octyl phthalate	14.69	149	550989	56.183	ng	99
86) Indeno(1,2,3-cd)pyrene	17.24	276	510242	76.975	ng	96
88) Benzo(b)fluoranthene	15.20	252	435934	42.522	ng	99
89) Benzo(k)fluoranthene	15.23	252	442186	43.650	ng	98
90) Benzo(a)pyrene	15.59	252	440716	47.314	ng	98
91) Dibenzo(a,h)anthracene	17.24	278	426822	54.148	ng	99
92) Benzo(g,h,i)perylene	17.71	276	413354	52.852	ng	97

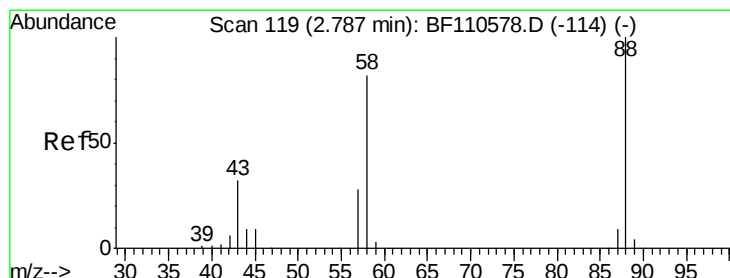
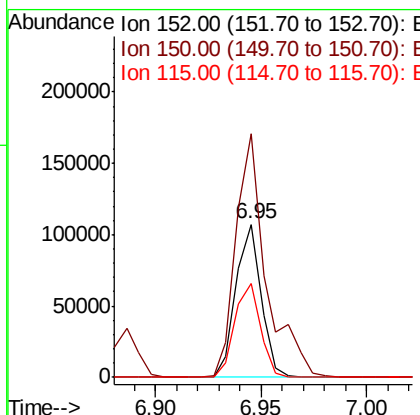
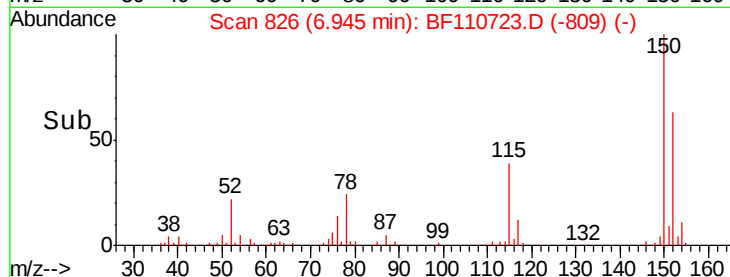
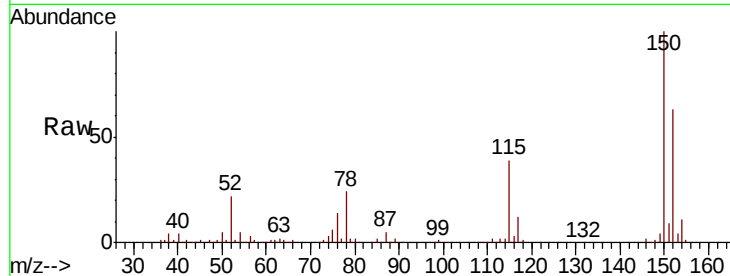
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF110723.D
 Acq: 13 Nov 2018 17:09

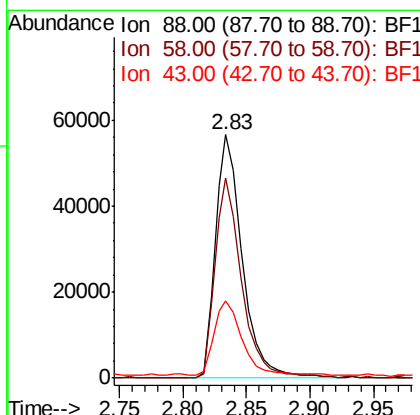
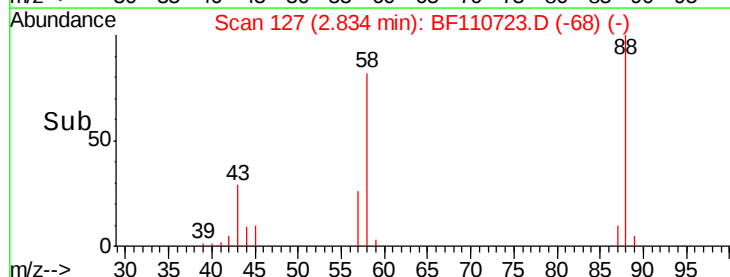
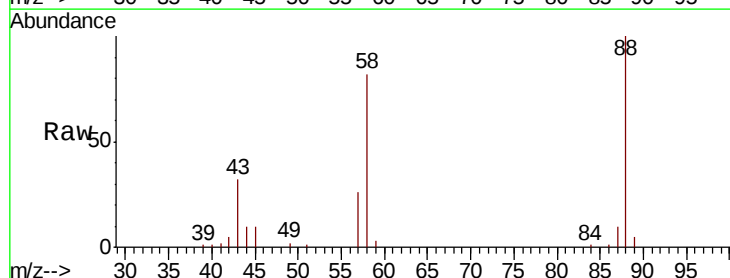
Instrument :
 BNA_F
 ClientSampleId :

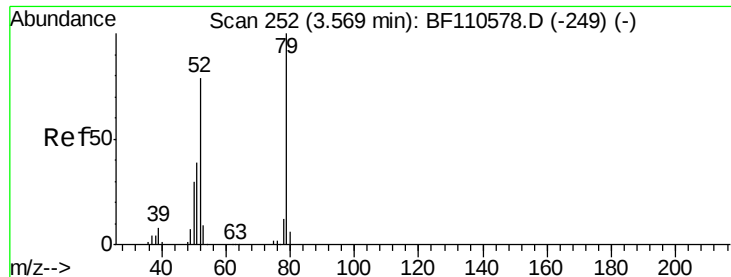
Tot Ion:152 Resp: 88332
 Ion Ratio Lower Upper
 152 100
 150 159.2 122.7 184.1
 115 61.4 49.1 73.7



#2
 1,4-Dioxane
 Concen: 30.903 ng
 RT: 2.83 min Scan# 127
 Delta R.T. 0.05 min
 Lab File: BF110723.D
 Acq: 13 Nov 2018 17:09

Tgt Ion: 88 Resp: 83733
 Ion Ratio Lower Upper
 88 100
 58 81.8 57.1 85.7
 43 32.3 24.1 36.1





#3

Pvridine

Concen: 37.707 ng

RT: 3.62 min Scan# 261

Delta R.T. 0.05 min

Lab File: BF110723.D

Acq: 13 Nov 2018 17:09

Instrument :

BNA_F

ClientSampleId :

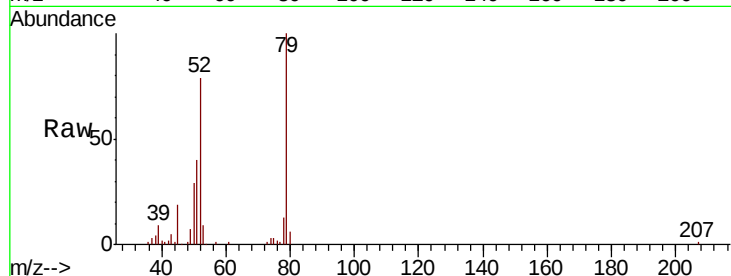
Tot Ion: 79 Resp: 220534

Ion Ratio Lower Upper

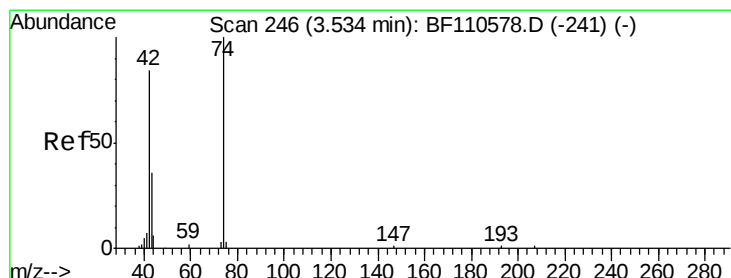
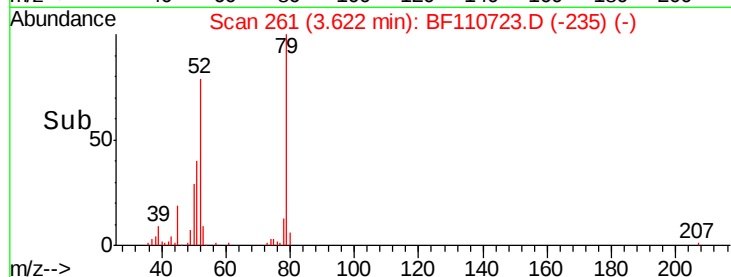
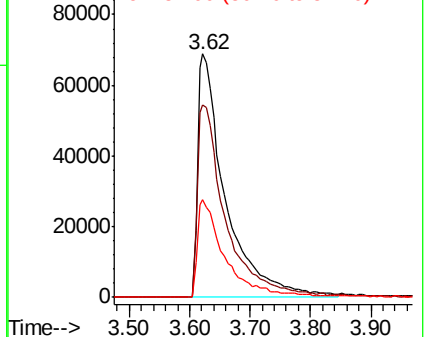
79 100

52 78.9 53.1 79.7

51 39.9 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 50.242 ng

RT: 3.58 min Scan# 254

Delta R.T. 0.05 min

Lab File: BF110723.D

Acq: 13 Nov 2018 17:09

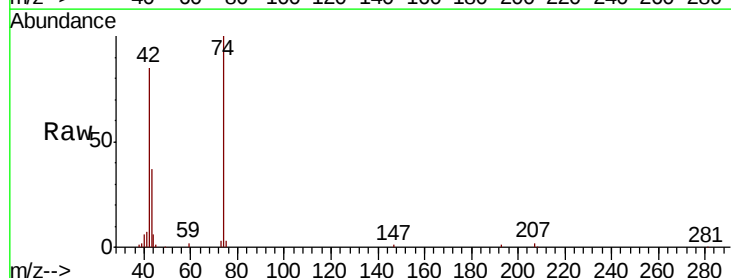
Tgt Ion: 42 Resp: 126082

Ion Ratio Lower Upper

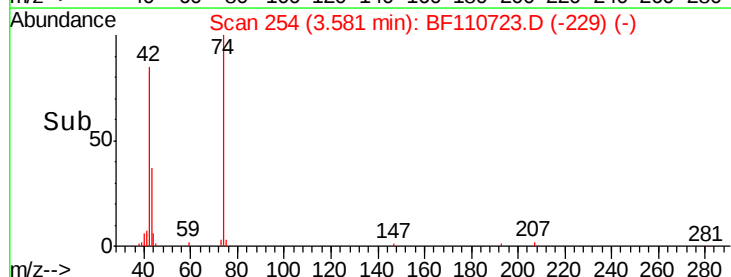
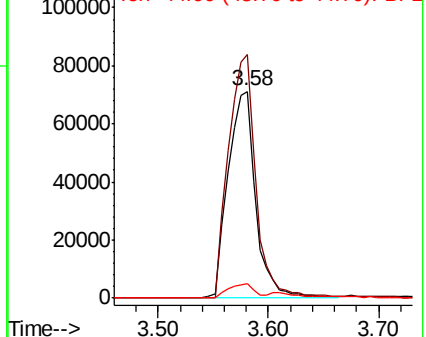
42 100

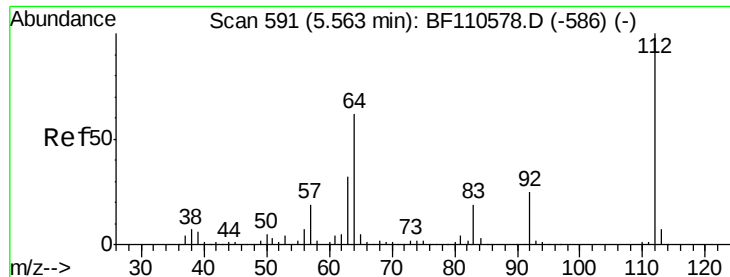
74 117.6 105.5 158.3

44 6.7 4.9 7.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 124.355 ng

RT: 5.57 min Scan# 593

Delta R.T. 0.01 min

Lab File: BF110723.D

Acq: 13 Nov 2018 17:09

Instrument :

BNA_F

ClientSampleId :

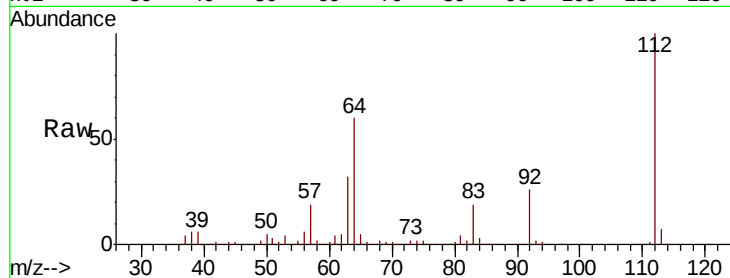
Tot Ion:112 Resp: 676254

Ion Ratio Lower Upper

112 100

64 60.4 44.1 66.1

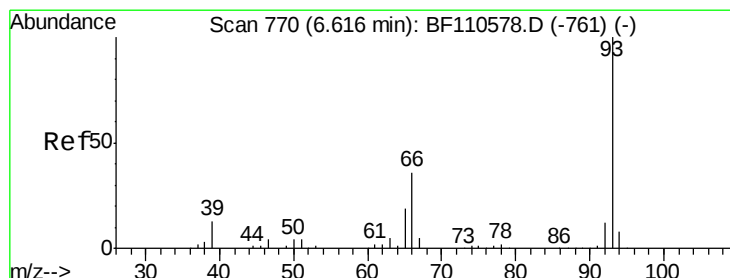
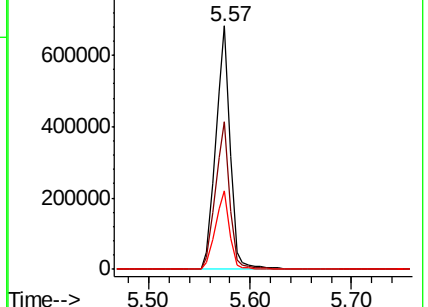
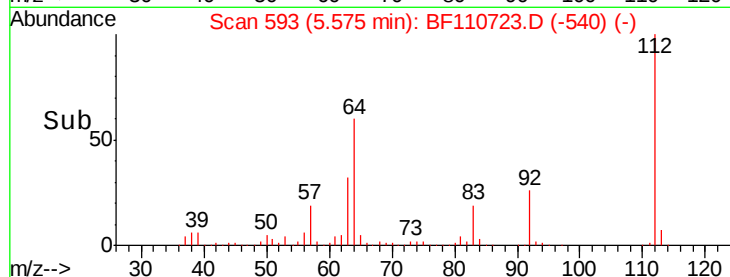
63 32.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 30.839 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF110723.D

Acq: 13 Nov 2018 17:09

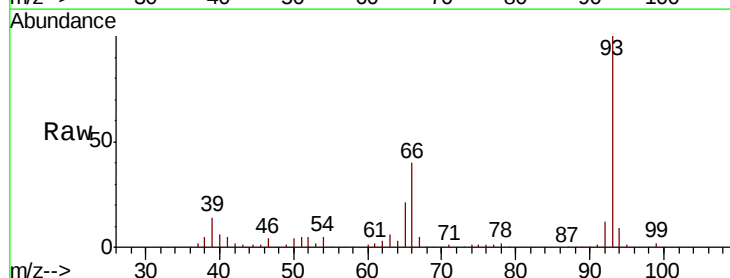
Tgt Ion: 93 Resp: 279672

Ion Ratio Lower Upper

93 100

66 40.0 67.4 101.0#

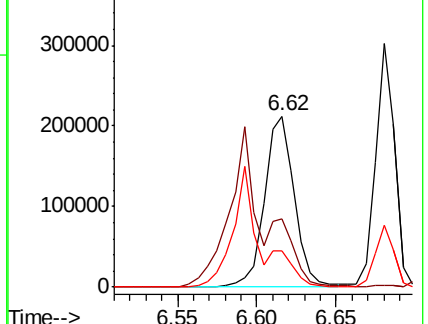
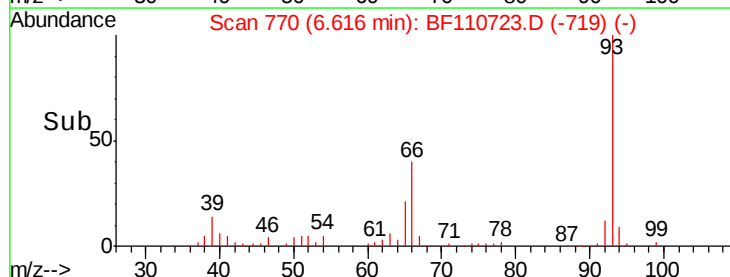
65 21.4 41.0 61.4#

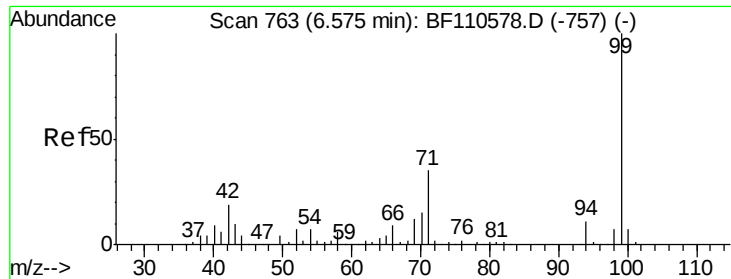


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 125.591 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.01 min

Lab File: BF110723.D

Acq: 13 Nov 2018 17:09

Instrument :

BNA_F

ClientSampleId :

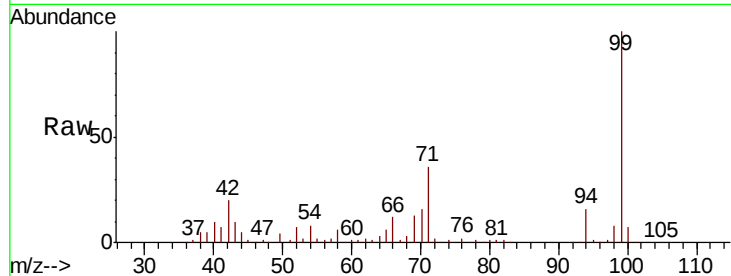
Tot Ion: 99 Resp: 873364

Ion Ratio Lower Upper

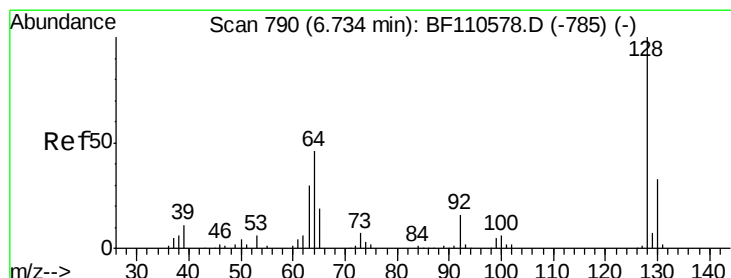
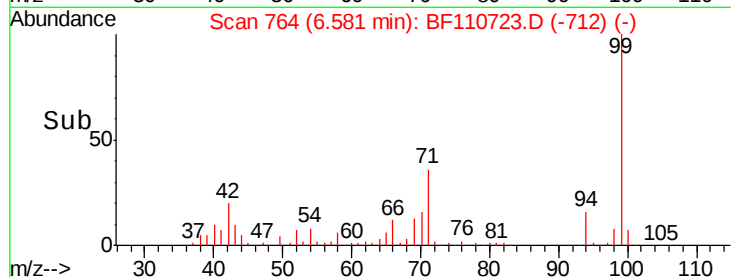
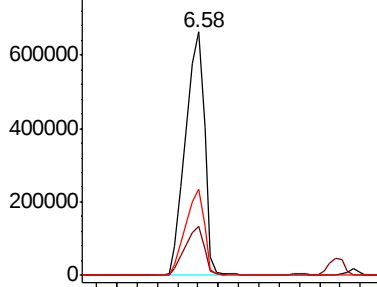
99 100

42 20.0 15.8 23.6

71 35.6 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: 43.190 ng

RT: 6.73 min Scan# 790

Delta R.T. 0.00 min

Lab File: BF110723.D

Acq: 13 Nov 2018 17:09

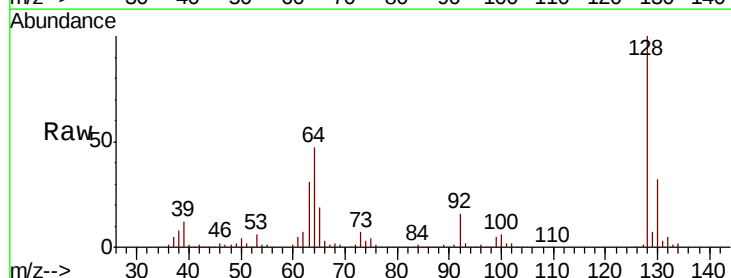
Tgt Ion:128 Resp: 275339

Ion Ratio Lower Upper

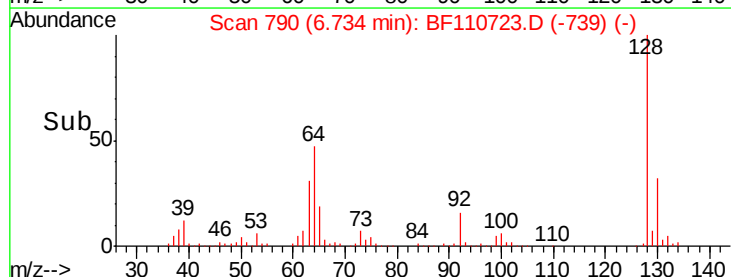
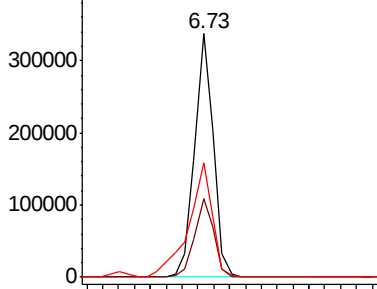
128 100

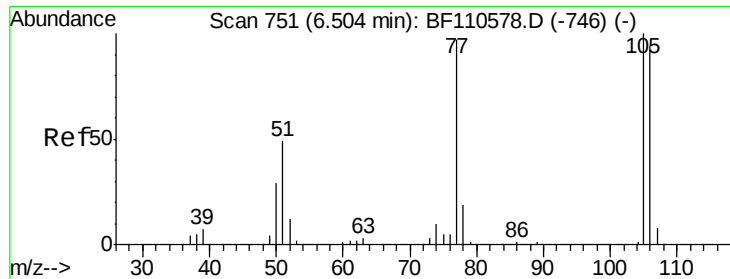
130 32.3 13.1 53.1

64 46.9 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: 42.868 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF110723.D

Acq: 13 Nov 2018 17:09

Instrument :

BNA_F

ClientSampled :

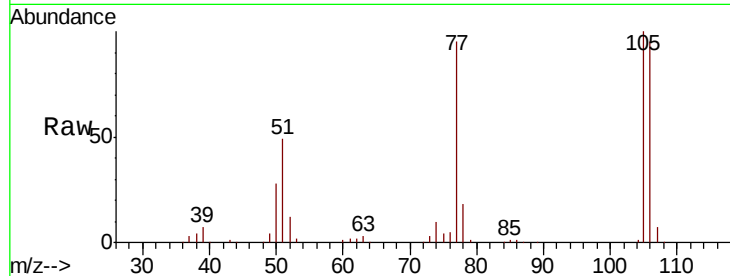
Tot Ion: 77 Resp: 157146

Ion Ratio Lower Upper

77 100

105 104.9 78.6 118.6

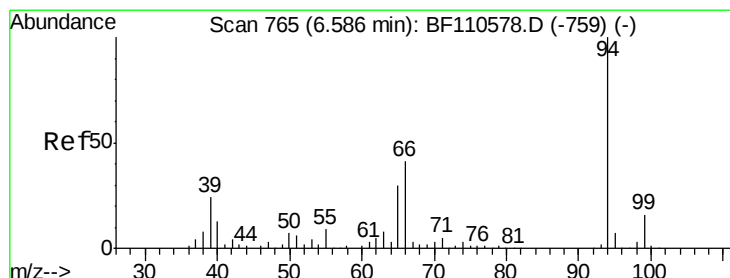
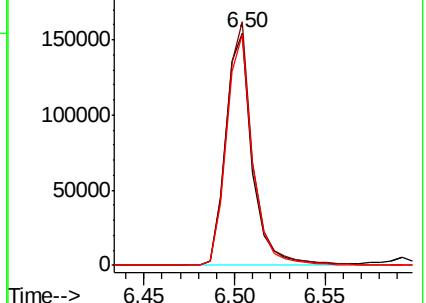
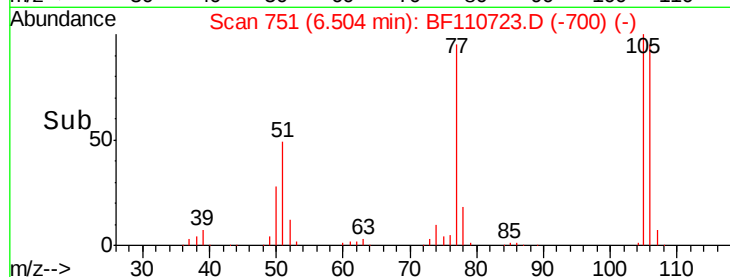
106 99.3 74.8 114.8



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: 53.998 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF110723.D

Acq: 13 Nov 2018 17:09

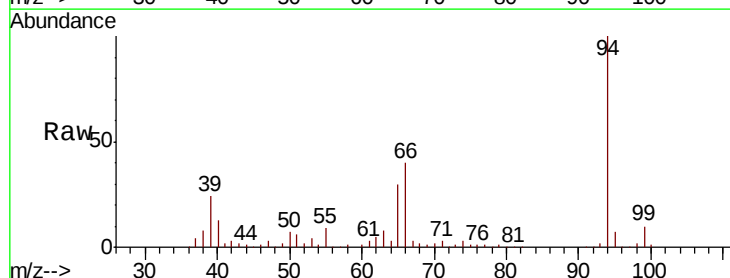
Tgt Ion: 94 Resp: 435409

Ion Ratio Lower Upper

94 100

65 30.1 25.3 65.3

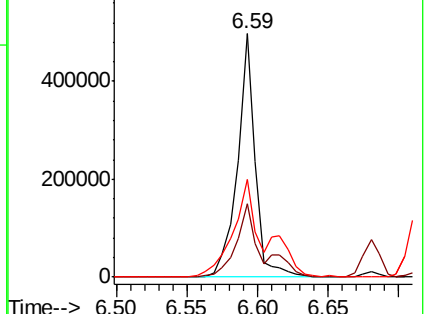
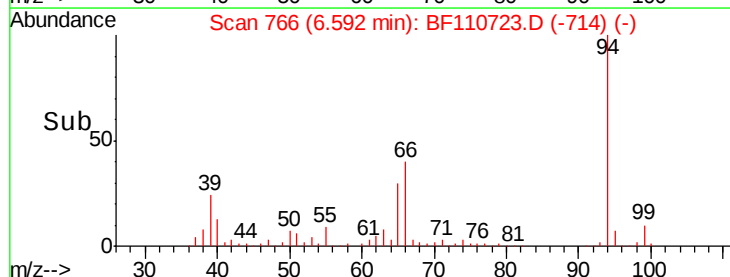
66 40.1 54.5 94.5#



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

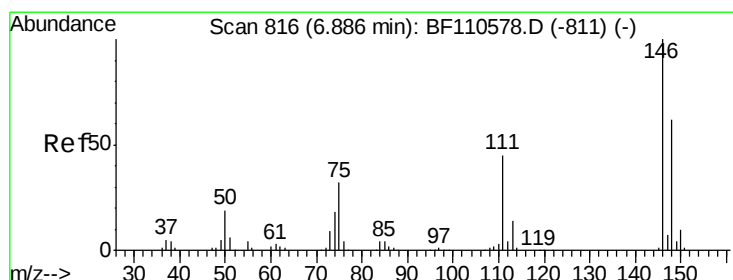
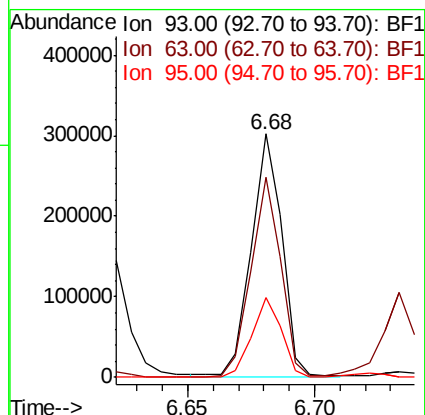
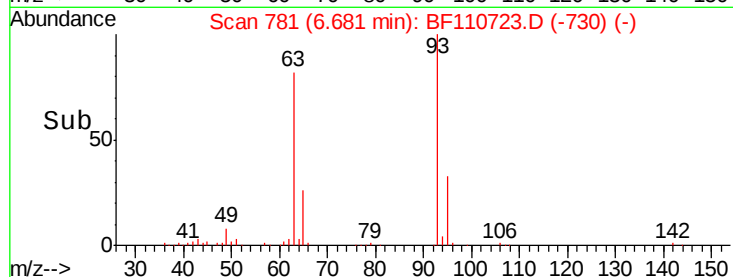
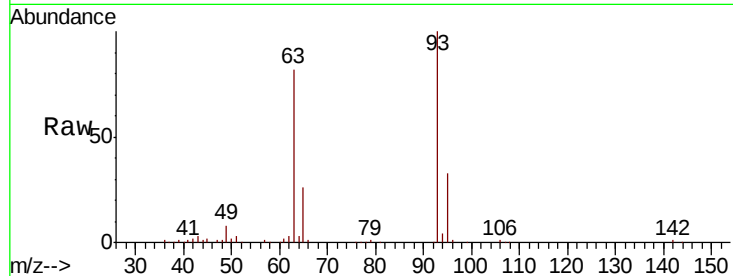




#11
bis(2-Chloroethyl)ether
Concen: 42.505 ng
RT: 6.68 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF110723.D
Acq: 13 Nov 2018 17:09

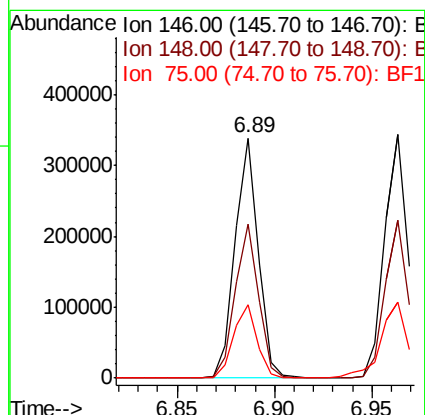
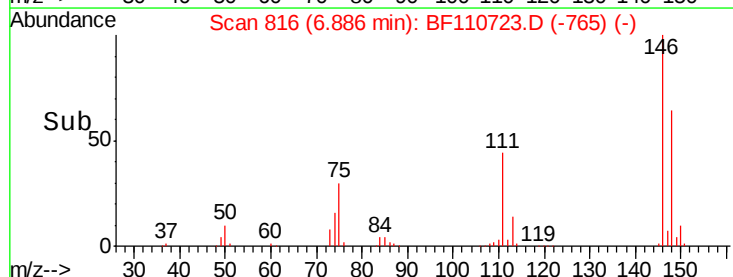
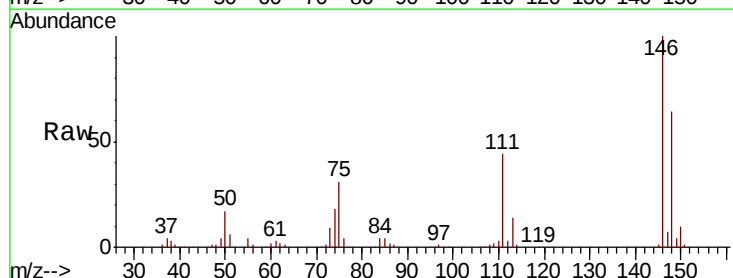
Instrument :
BNA_F
ClientSampleId :

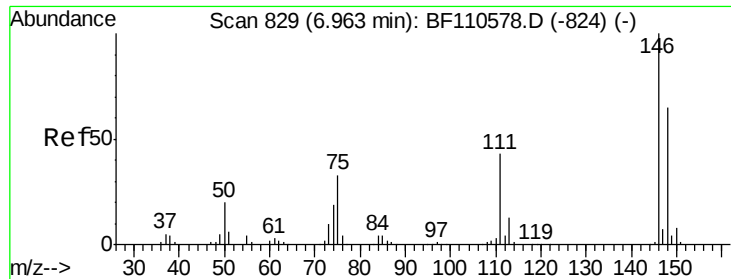
Tot Ion: 93 Resp: 256855
Ion Ratio Lower Upper
93 100
63 82.3 53.4 93.4
95 32.6 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 40.188 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF110723.D
Acq: 13 Nov 2018 17:09

Tgt Ion: 146 Resp: 280318
Ion Ratio Lower Upper
146 100
148 64.3 50.4 75.6
75 30.7 25.8 38.6

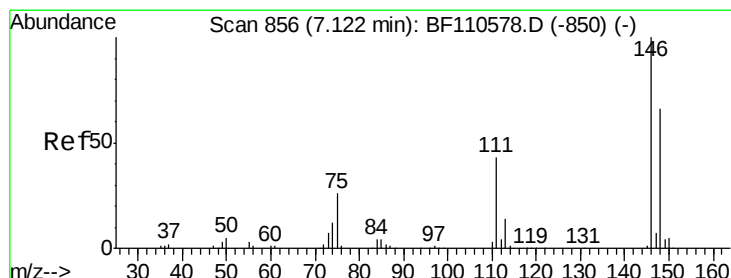
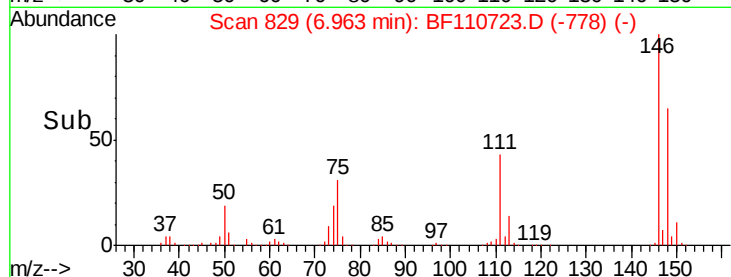
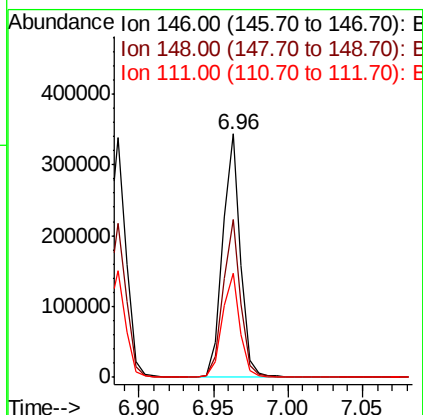
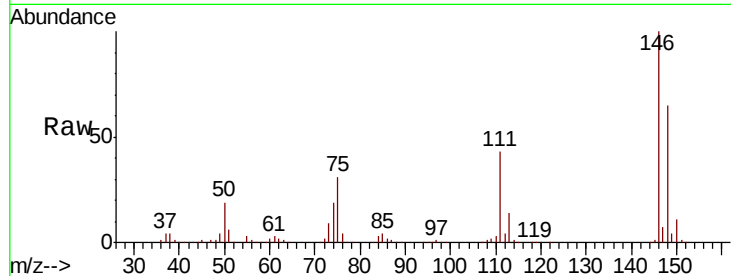




#13
 1,4-Dichlorobenzene
 Concen: 40.756 ng
 RT: 6.96 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF110723.D
 Acq: 13 Nov 2018 17:09

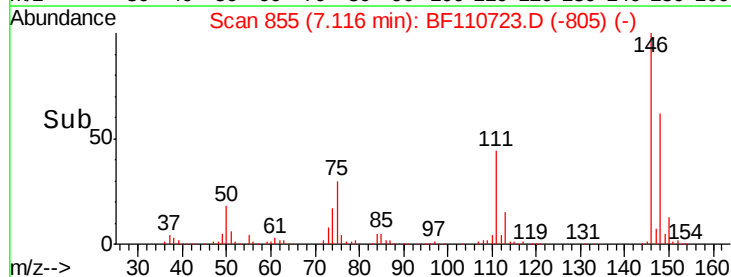
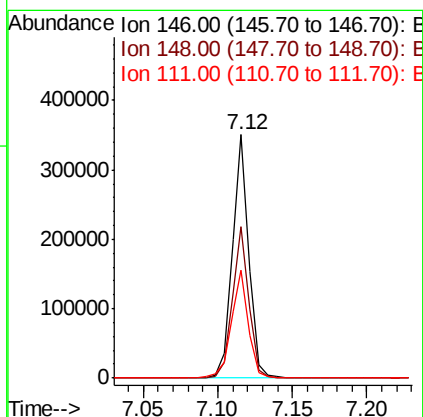
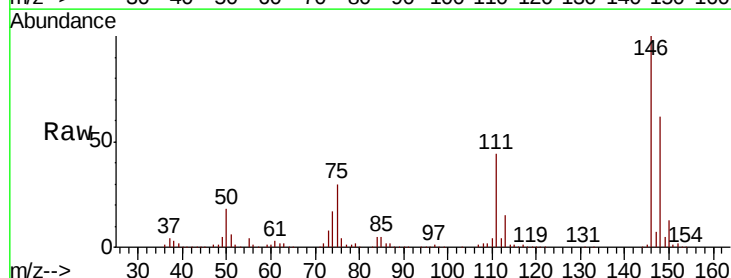
Instrument :
 BNA_F
 ClientSampled :

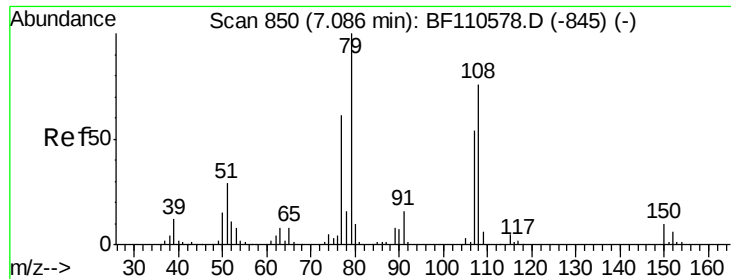
Tot Ion:146 Resp: 288681
 Ion Ratio Lower Upper
 146 100
 148 64.6 50.3 75.5
 111 42.8 32.7 49.1



#14
 1,2-Dichlorobenzene
 Concen: 41.243 ng
 RT: 7.12 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: BF110723.D
 Acq: 13 Nov 2018 17:09

Tgt Ion:146 Resp: 271761
 Ion Ratio Lower Upper
 146 100
 148 62.5 51.1 76.7
 111 44.3 35.8 53.6





#15

Benzyl Alcohol

Concen: 44.444 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF110723.D

Acq: 13 Nov 2018 17:09

Instrument :

BNA_F

ClientSampleId :

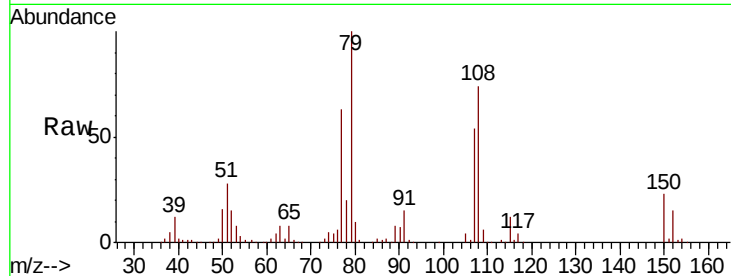
Tot Ion: 79 Resp: 241861

Ion Ratio Lower Upper

79 100

108 74.1 56.3 84.5

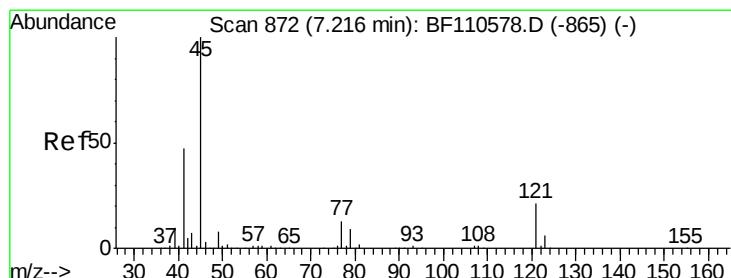
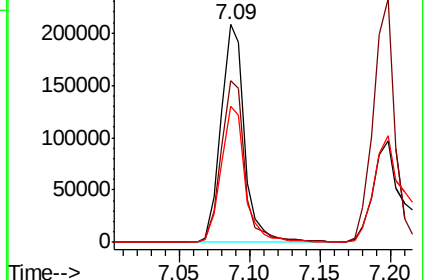
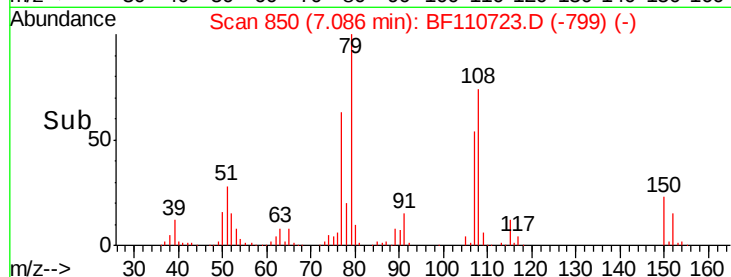
77 62.6 52.9 79.3



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.507 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF110723.D

Acq: 13 Nov 2018 17:09

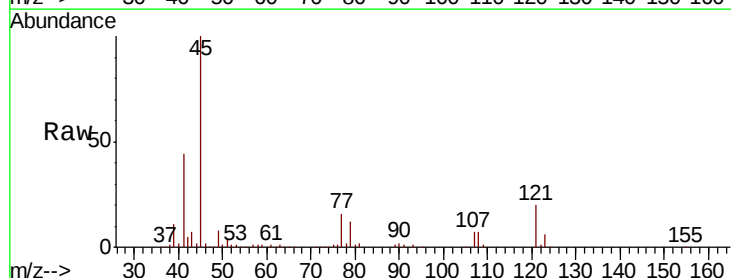
Tgt Ion: 45 Resp: 403396

Ion Ratio Lower Upper

45 100

77 15.7 10.0 50.0

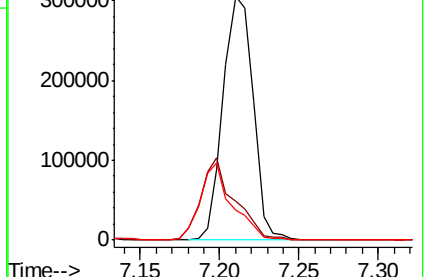
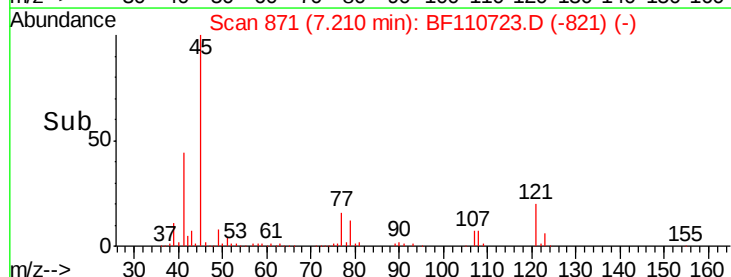
79 12.1 6.1 46.1

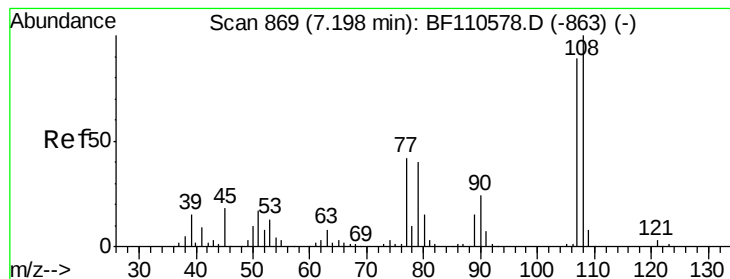


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

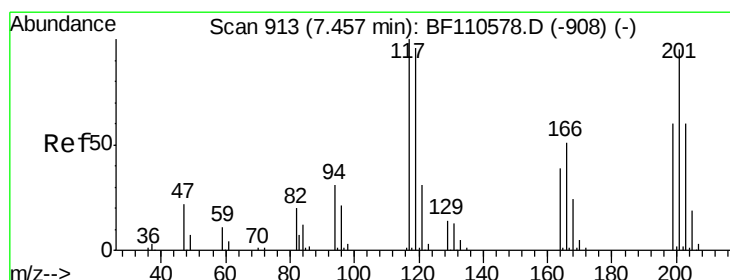
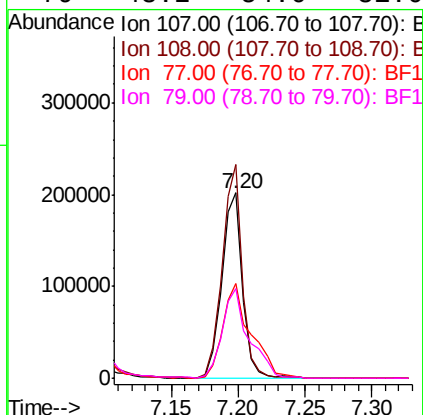
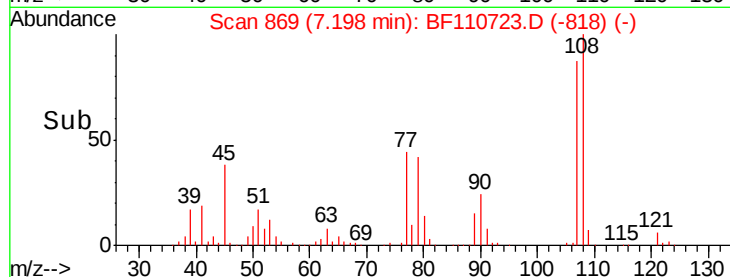
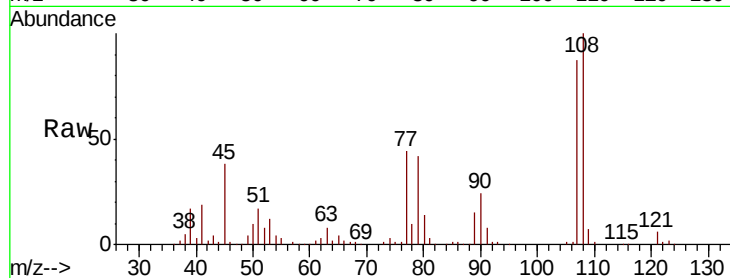




#17
2-Methylphenol
Concen: 43.461 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.00 min
Lab File: BF110723.D
Acq: 13 Nov 2018 17:09

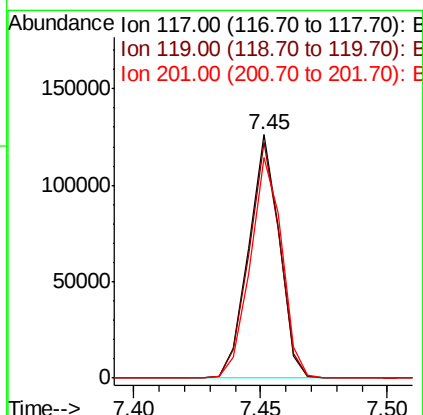
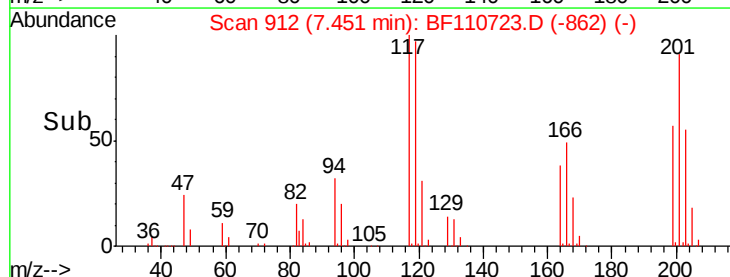
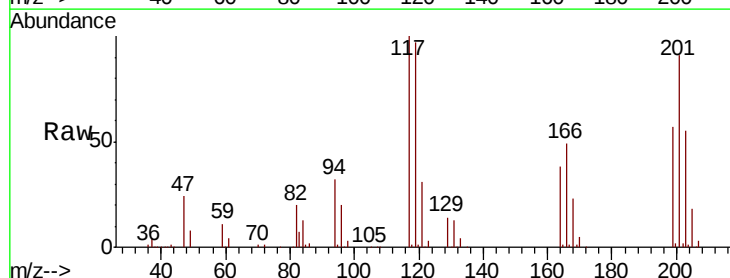
Instrument :
BNA_F
ClientSampleId :

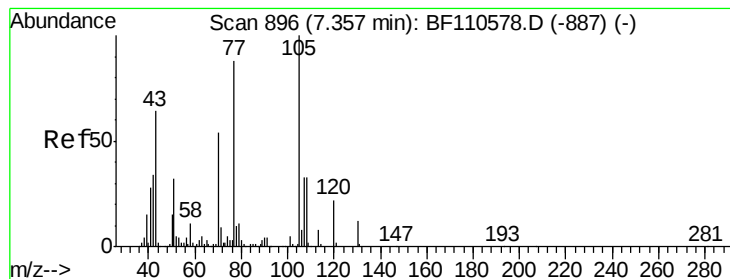
Tot Ion	Ratio	Lower	Upper
107	100		
108	115.4	92.6	138.8
77	50.9	59.4	89.2#
79	48.2	54.0	81.0#



#18
Hexachloroethane
Concen: 40.592 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF110723.D
Acq: 13 Nov 2018 17:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.1	75.0	112.6
201	90.7	79.2	118.8





#19

n-Nitroso-di-n-propylamine

Concen: 42.483 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.00 min

Lab File: BF110723.D

Acq: 13 Nov 2018 17:09

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 188579

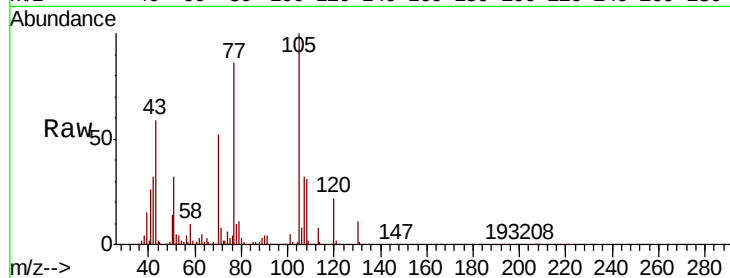
Ion Ratio Lower Upper

70 100

42 61.9 47.4 71.2

101 9.9 7.3 10.9

130 22.2 16.2 24.2

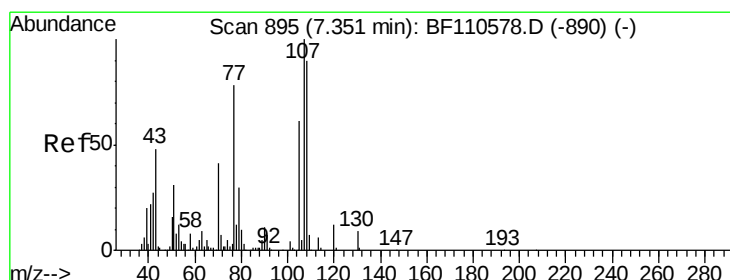
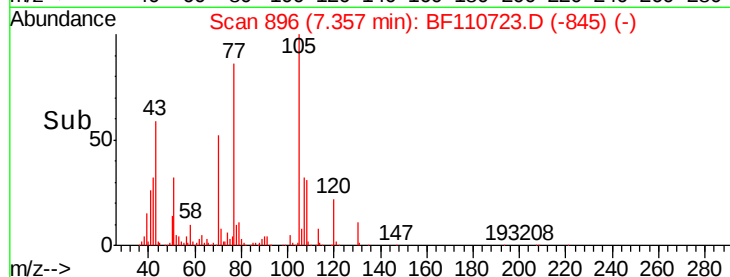
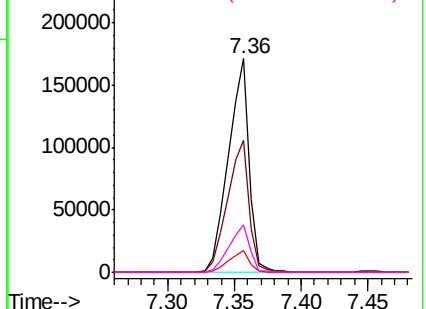


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 42.741 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.00 min

Lab File: BF110723.D

Acq: 13 Nov 2018 17:09

Tgt Ion:107 Resp: 278371

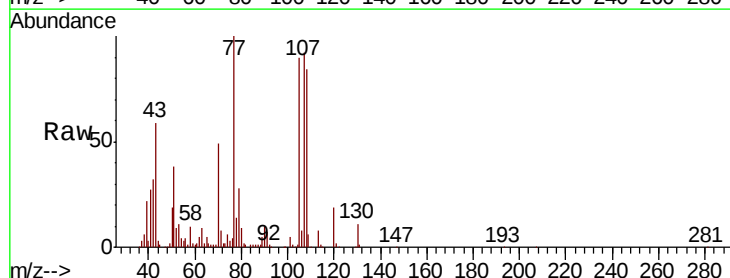
Ion Ratio Lower Upper

107 100

108 91.5 71.4 111.4

77 108.3 47.3 87.3#

79 30.7 10.9 50.9

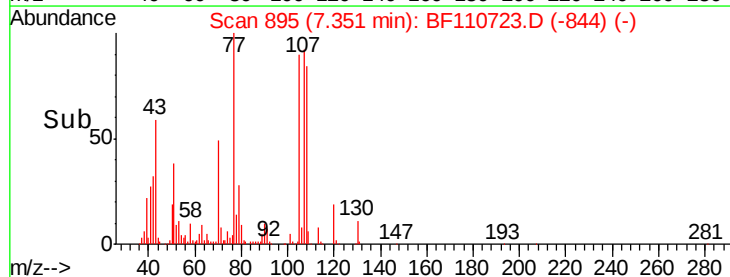
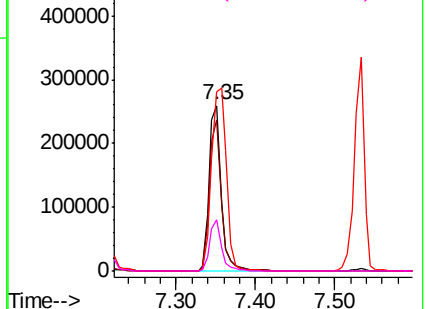


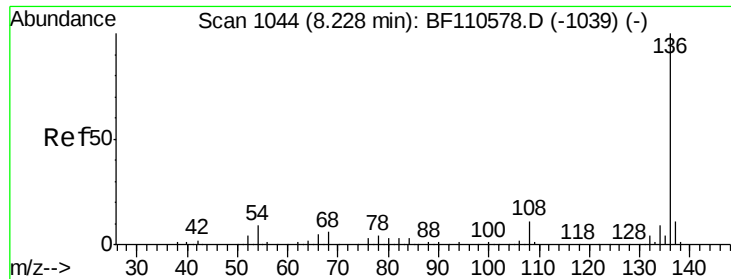
Abundance Ion 107.00 (106.70 to 107.70): E

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

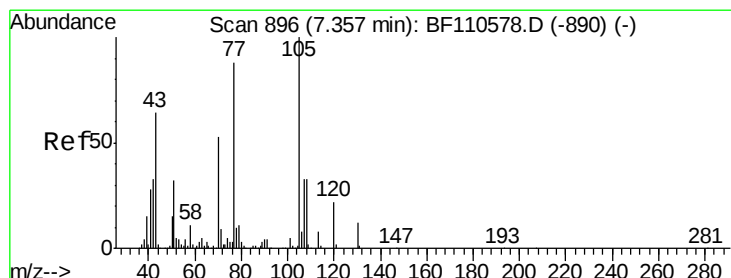
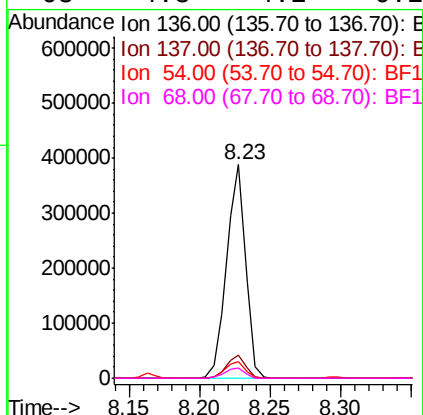
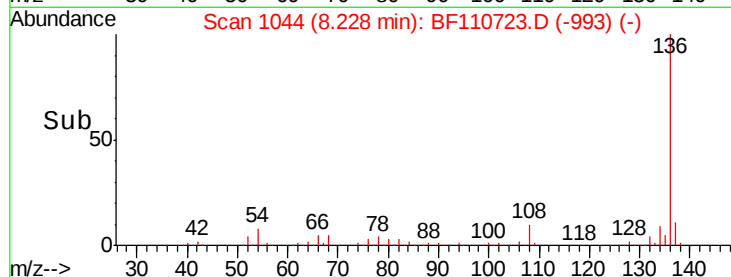
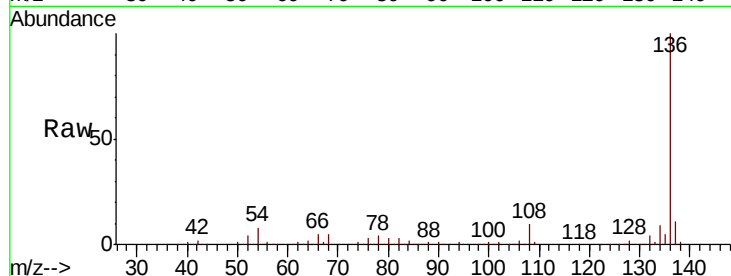




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110723.D
Acq: 13 Nov 2018 17:09

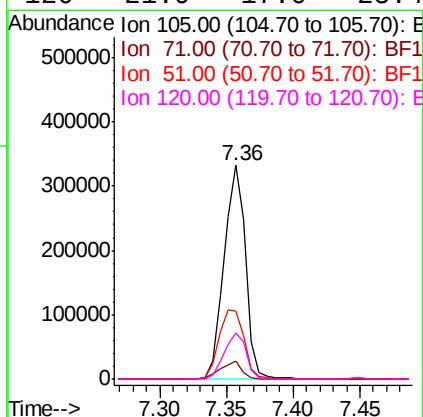
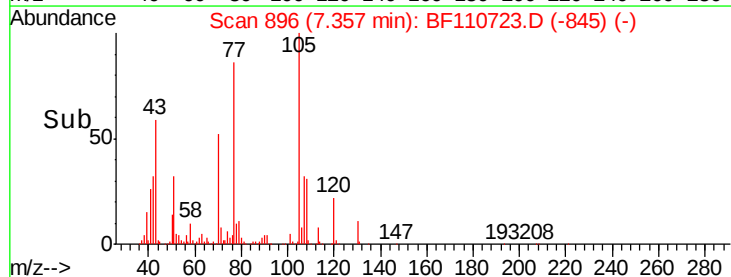
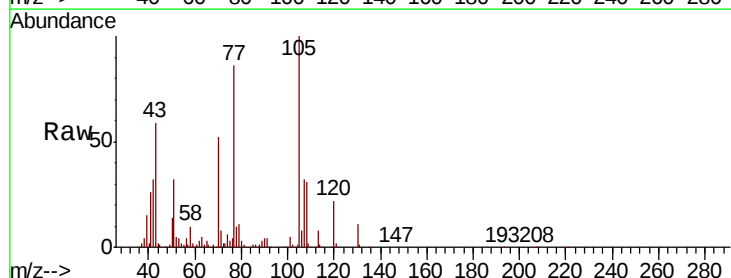
Instrument :
BNA_F
ClientSampleId :

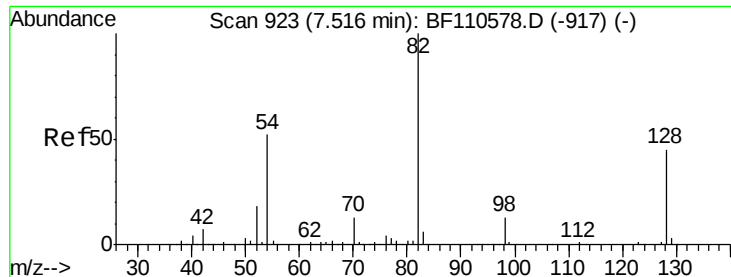
Tot Ion:136	Resp:	363061
Ion	Ratio	Lower Upper
136	100	
137	10.6	8.8 13.2
54	8.0	5.4 8.2
68	4.8	4.2 6.2



#22
Acetophenone
Concen: 44.711 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.00 min
Lab File: BF110723.D
Acq: 13 Nov 2018 17:09

Tgt Ion:105	Resp:	378316
Ion	Ratio	Lower Upper
105	100	
71	8.2	5.2 7.8#
51	31.9	21.8 32.8
120	21.9	17.0 25.4

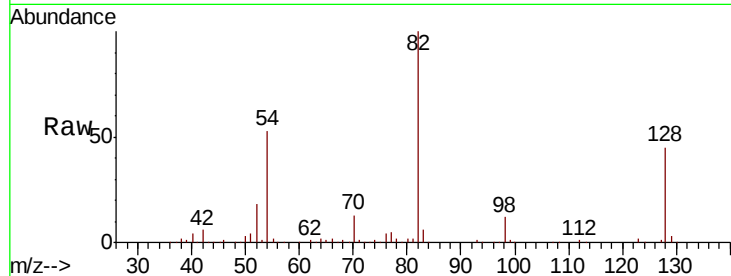




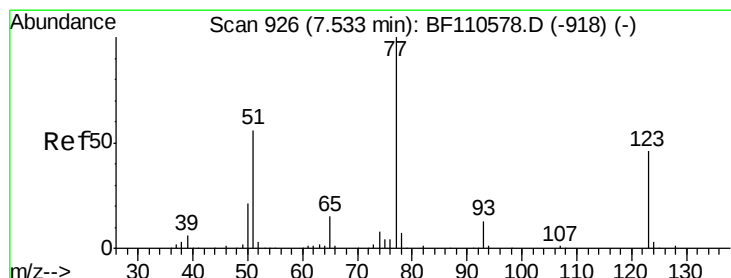
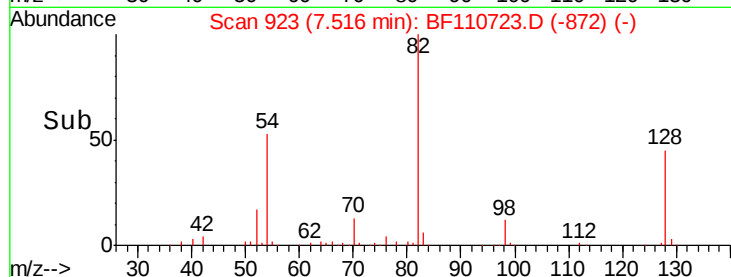
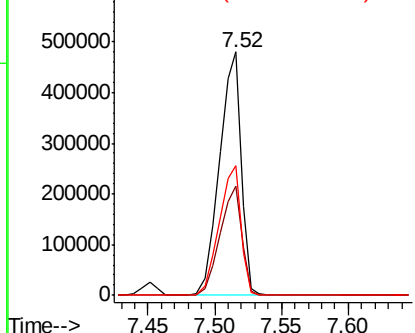
#23
Nitrobenzene-d5
Concen: 87.535 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF110723.D
Acq: 13 Nov 2018 17:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	551845
Ion Ratio	100	Lower	Upper
128	44.8	34.2	51.2
54	53.1	38.6	58.0

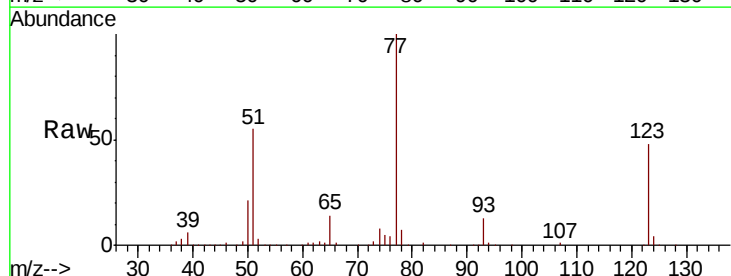


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

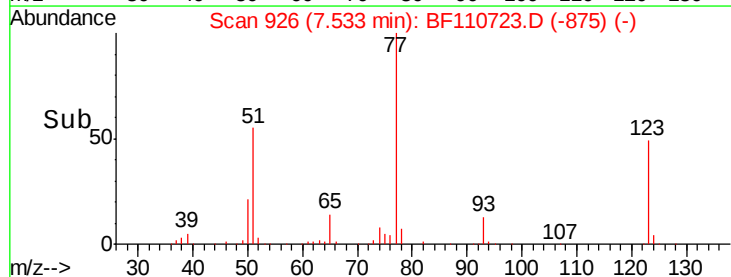
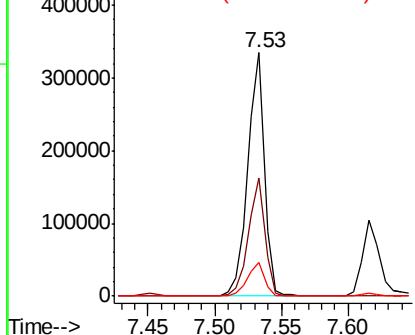


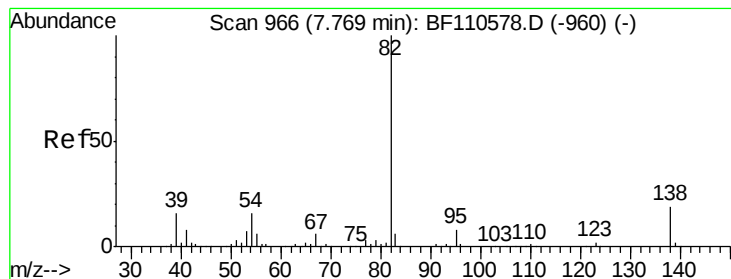
#24
Nitrobenzene
Concen: 44.573 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.00 min
Lab File: BF110723.D
Acq: 13 Nov 2018 17:09

Tgt Ion	77	Resp	287901
Ion Ratio	100	Lower	Upper
123	48.3	35.7	53.5
65	14.1	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: 50.512 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF110723.D

Acq: 13 Nov 2018 17:09

Instrument :

BNA_F

ClientSampled :

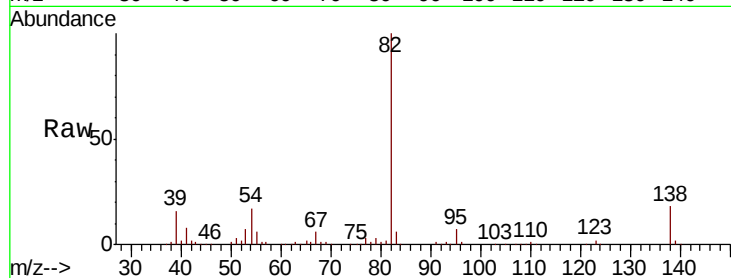
Tot Ion: 82 Resp: 521931

Ion Ratio Lower Upper

82 100

95 7.3 5.7 8.5

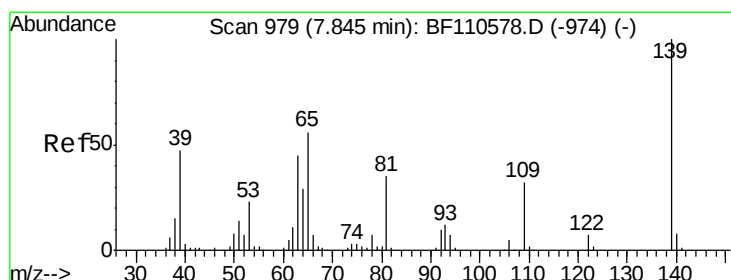
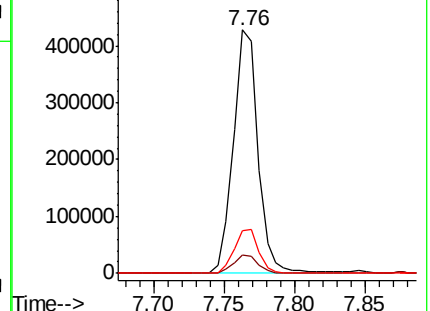
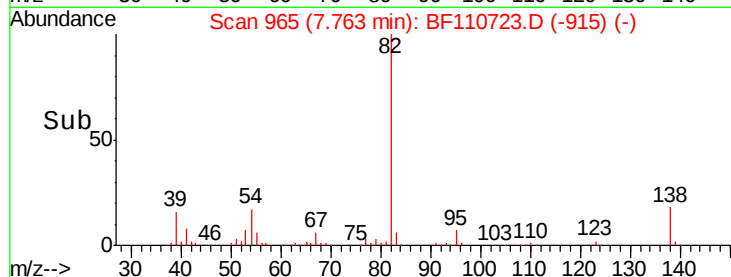
138 17.7 13.2 19.8



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: 45.350 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.00 min

Lab File: BF110723.D

Acq: 13 Nov 2018 17:09

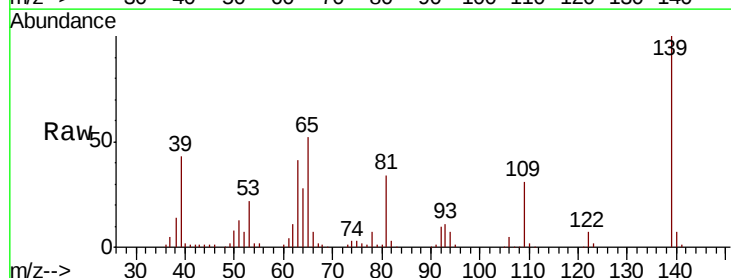
Tgt Ion: 139 Resp: 146131

Ion Ratio Lower Upper

139 100

109 31.0 25.0 37.6

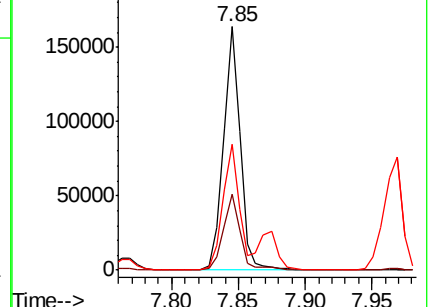
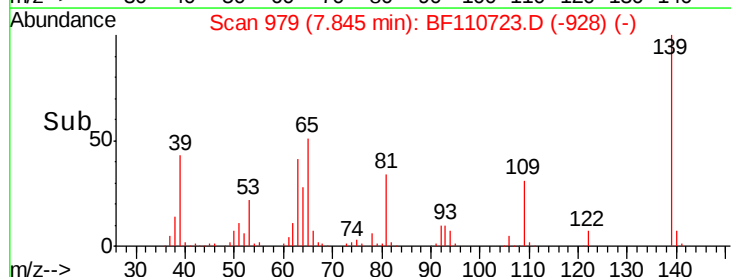
65 51.9 44.0 66.0

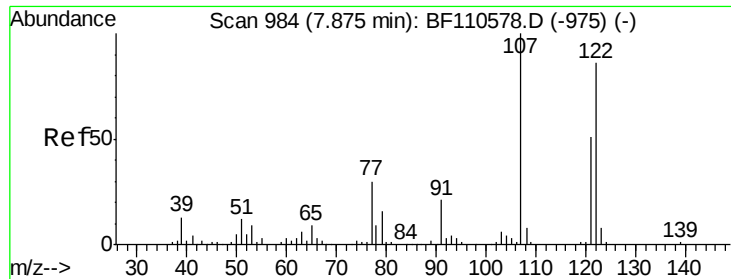


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

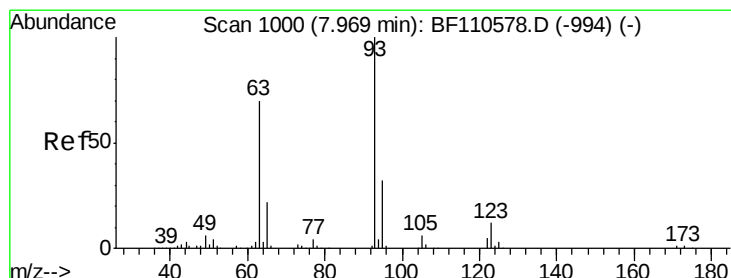
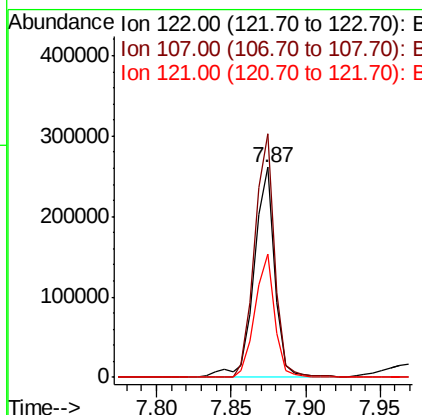
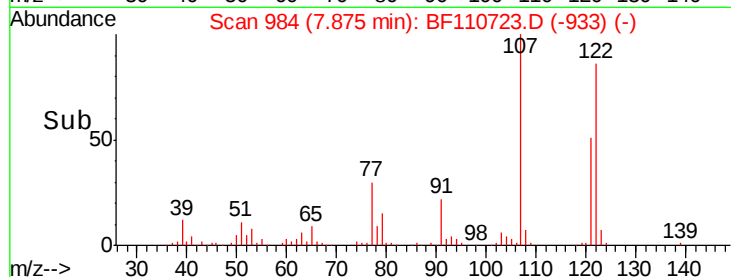
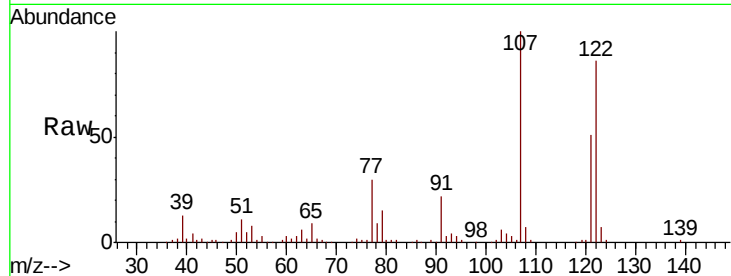




#27
2,4-Dimethylphenol
Concen: 50.892 ng
RT: 7.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BF110723.D
Acq: 13 Nov 2018 17:09

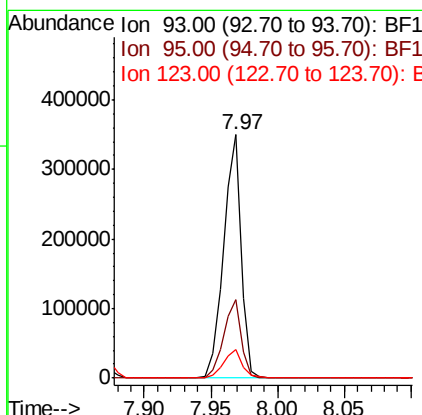
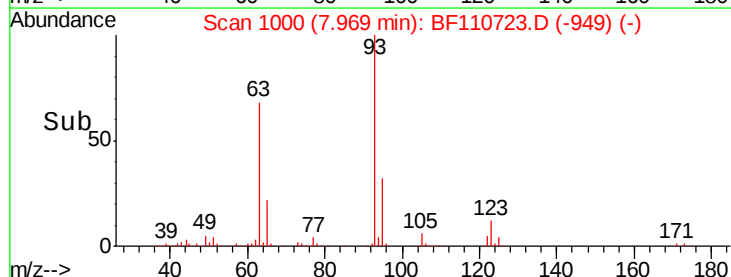
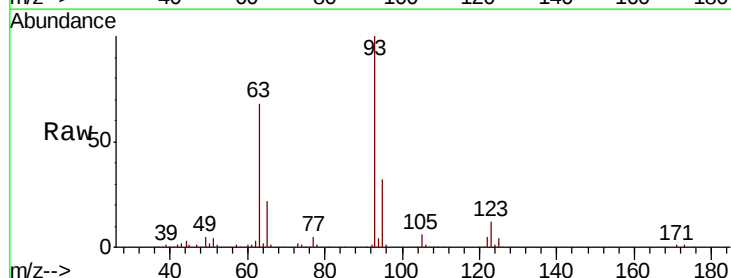
Instrument :
BNA_F
ClientSampleId :

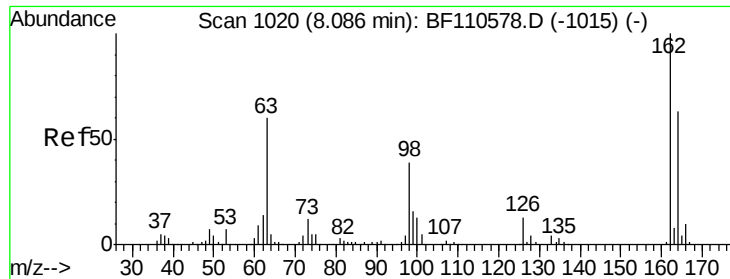
Tot Ion:122 Resp: 249749
Ion Ratio Lower Upper
122 100
107 116.0 92.5 138.7
121 59.0 45.8 68.8



#28
bis(2-Chloroethoxy)methane
Concen: 46.700 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.00 min
Lab File: BF110723.D
Acq: 13 Nov 2018 17:09

Tgt Ion: 93 Resp: 326713
Ion Ratio Lower Upper
93 100
95 32.3 26.4 39.6
123 11.7 9.0 13.6

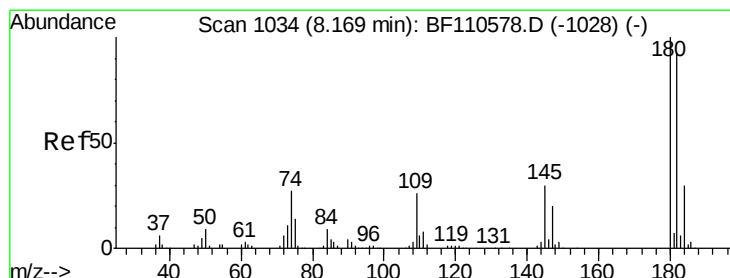
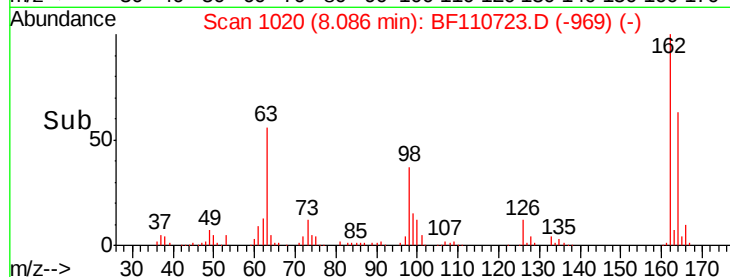
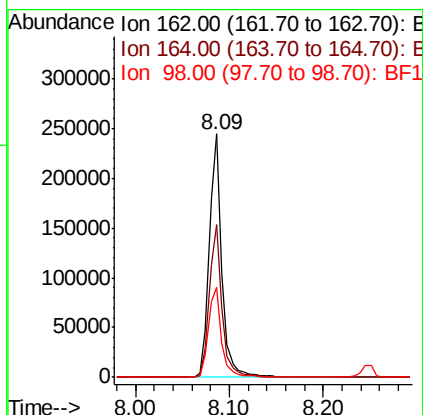
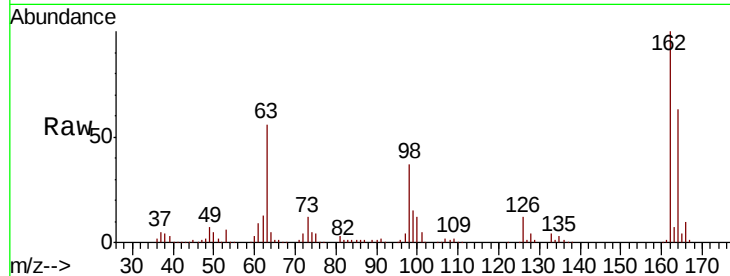




#29
 2,4-Dichlorophenol
 Concen: 45.645 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: BF110723.D
 Acq: 13 Nov 2018 17:09

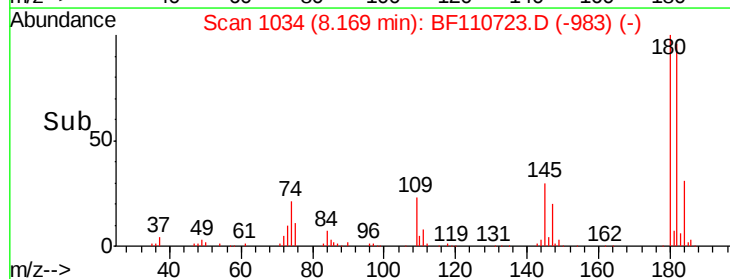
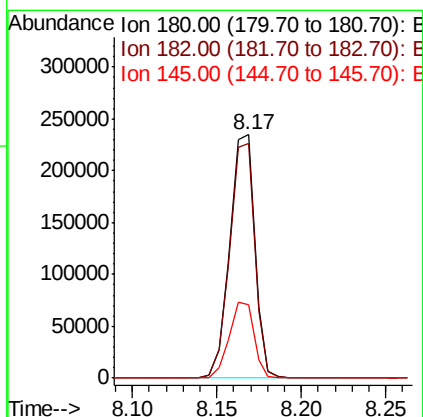
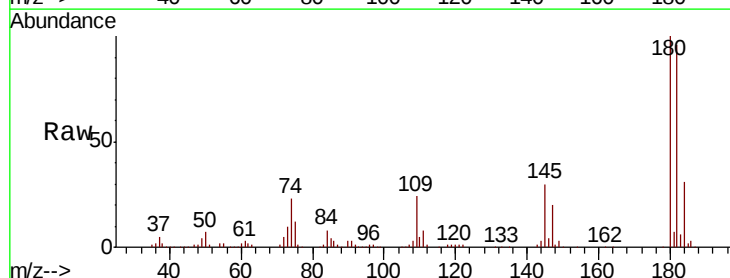
Instrument :
 BNA_F
 ClientSampleId :

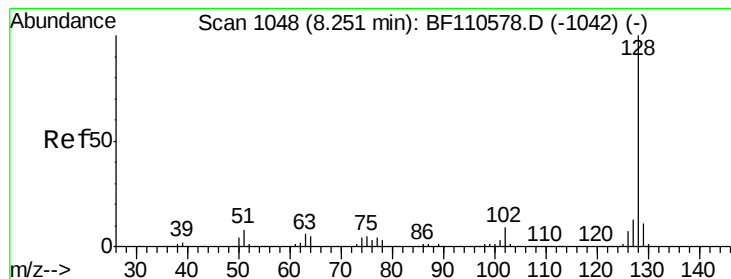
Tot Ion:162 Resp: 230488
 Ion Ratio Lower Upper
 162 100
 164 62.8 44.6 84.6
 98 37.2 17.4 57.4



#30
 1,2,4-Trichlorobenzene
 Concen: 42.434 ng
 RT: 8.17 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF110723.D
 Acq: 13 Nov 2018 17:09

Tgt Ion:180 Resp: 241589
 Ion Ratio Lower Upper
 180 100
 182 96.4 80.3 120.5
 145 29.9 25.4 38.0





#31

Naphthalene

Concen: 46.412 ng

RT: 8.25 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF110723.D

Acq: 13 Nov 2018 17:09

Instrument :

BNA_F

ClientSampled :

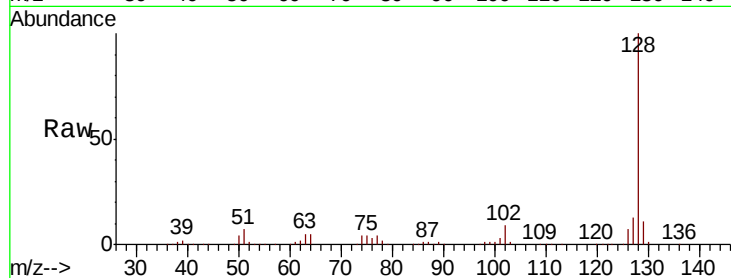
Tot Ion:128 Resp: 791038

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

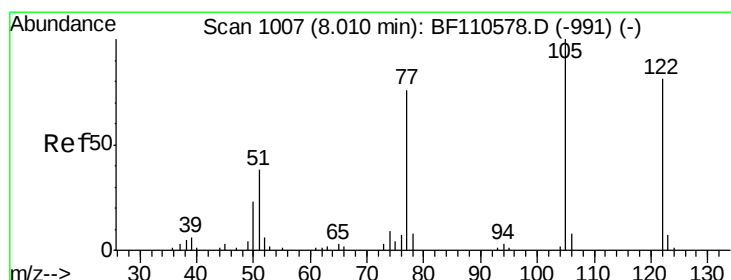
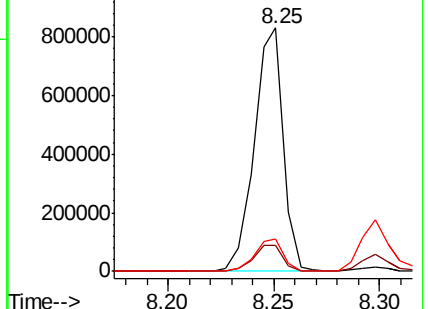
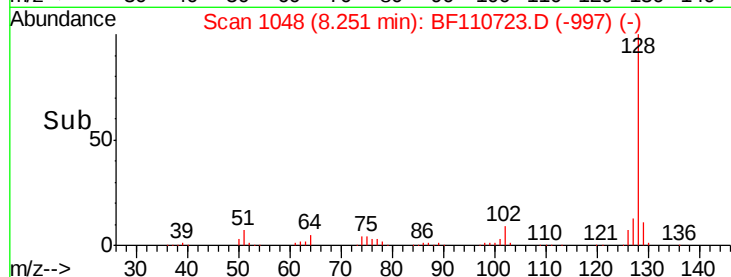
127 13.4 10.8 16.2



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: 15.809 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.02 min

Lab File: BF110723.D

Acq: 13 Nov 2018 17:09

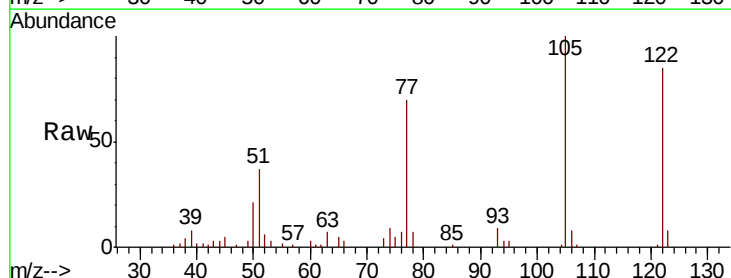
Tgt Ion:122 Resp: 54893

Ion Ratio Lower Upper

122 100

105 117.2 109.0 149.0

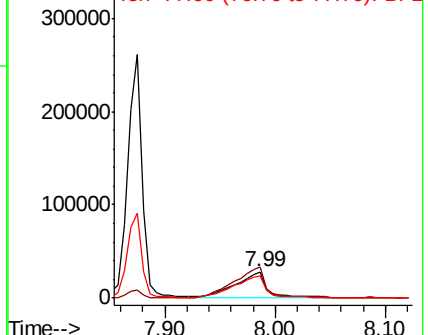
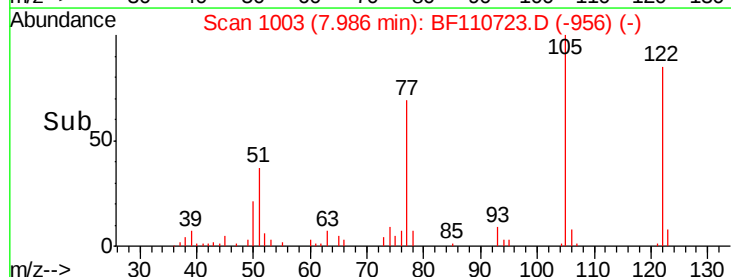
77 82.3 79.0 119.0

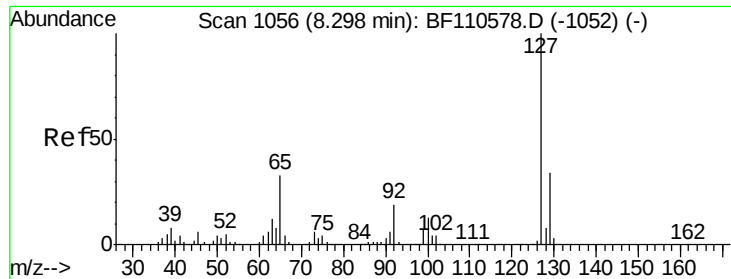


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

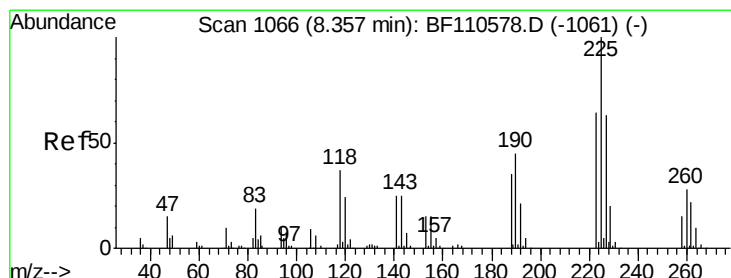
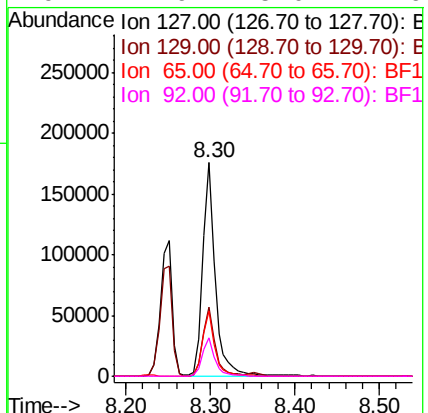
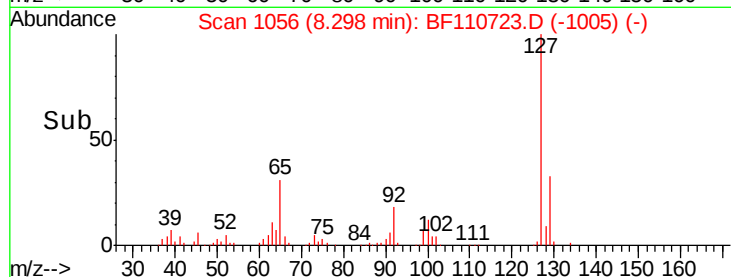
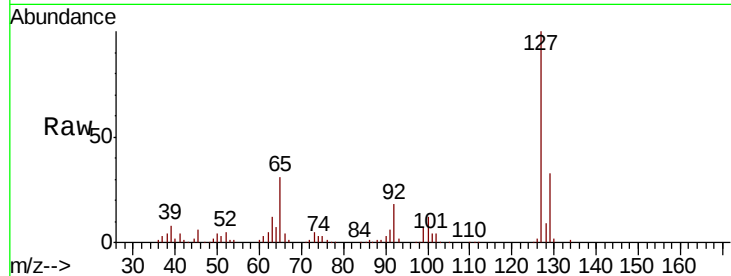




#33
4-Chloroaniline
Concen: 23.491 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BF110723.D
Acq: 13 Nov 2018 17:09

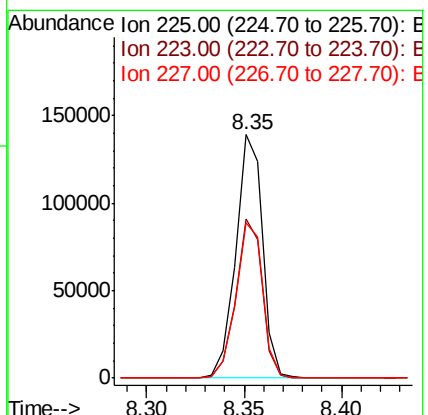
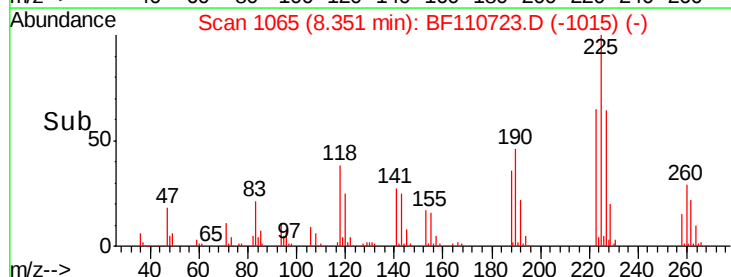
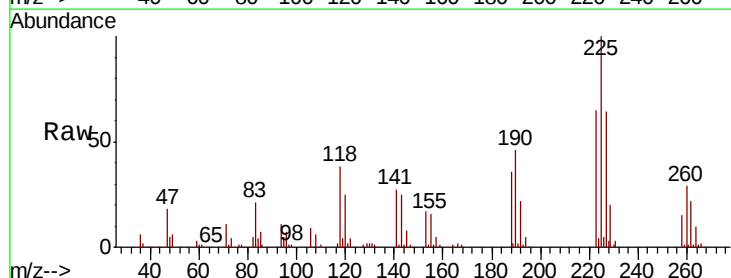
Instrument :
BNA_F
ClientSampled :

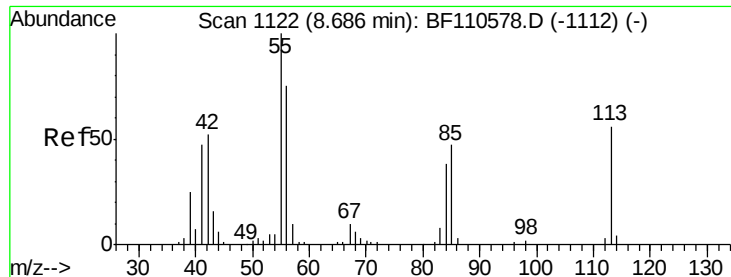
Tot Ion:	127	Resp:	181354
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.0	39.0
65	30.7	25.1	37.7
92	17.9	15.0	22.6



#34
Hexachlorobutadiene
Concen: 40.466 ng
RT: 8.35 min Scan# 1065
Delta R.T. -0.01 min
Lab File: BF110723.D
Acq: 13 Nov 2018 17:09

Tgt Ion:	225	Resp:	131589
Ion	Ratio	Lower	Upper
225	100		
223	65.3	51.4	77.2
227	63.8	51.0	76.6





#35

Caprolactam

Concen: 40.550 ng

RT: 8.68 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BF110723.D

Acq: 13 Nov 2018 17:09

Instrument :

BNA_F

ClientSampled :

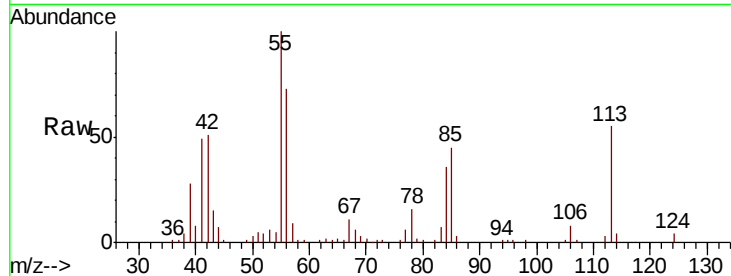
Tot Ion:113 Resp: 68410

Ion Ratio Lower Upper

113 100

55 182.4 142.8 182.8

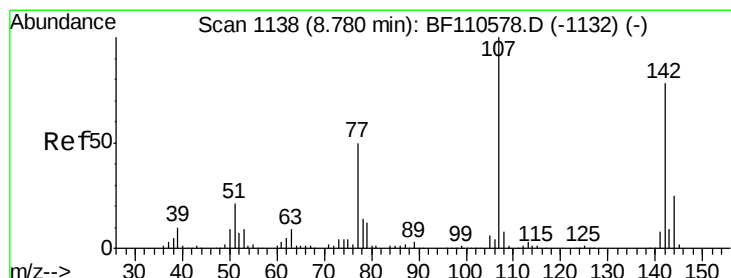
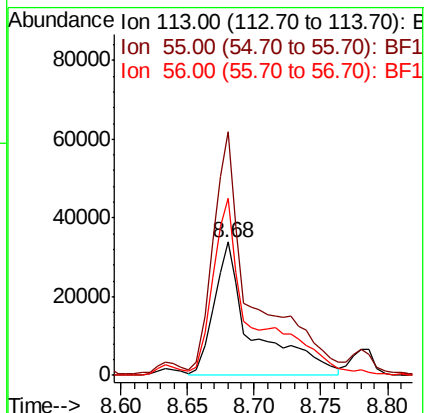
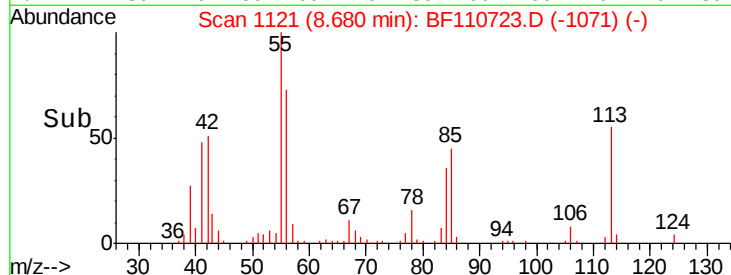
56 132.4 105.0 145.0



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: 46.059 ng

RT: 8.78 min Scan# 1138

Delta R.T. -0.00 min

Lab File: BF110723.D

Acq: 13 Nov 2018 17:09

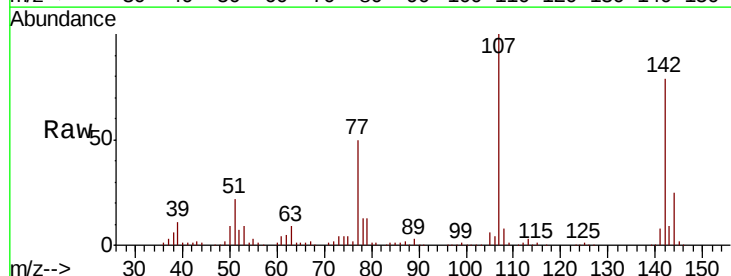
Tgt Ion:107 Resp: 250835

Ion Ratio Lower Upper

107 100

144 25.2 20.0 30.0

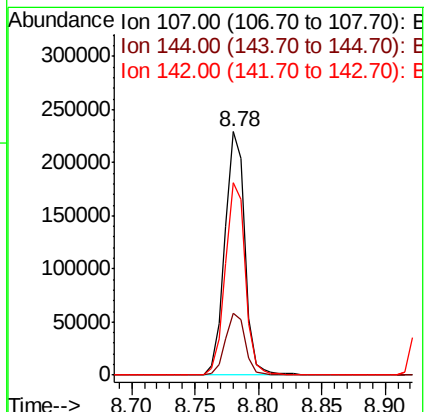
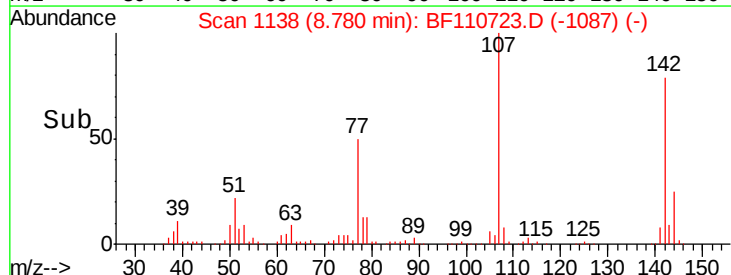
142 79.2 59.7 89.5

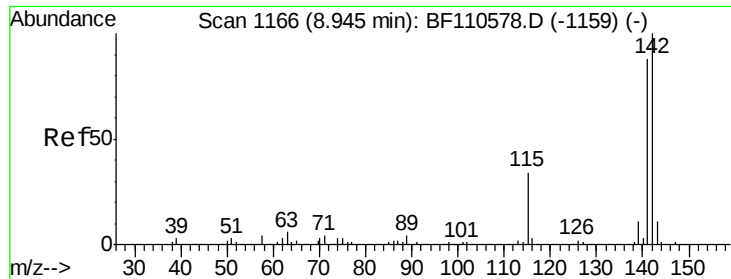


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

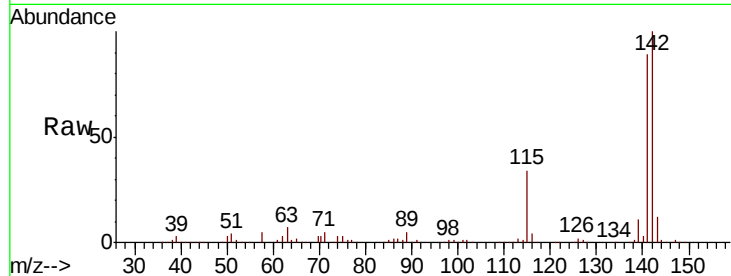




#37
 2-Methylnaphthalene
 Concen: 48.744 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF110723.D
 Acq: 13 Nov 2018 17:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.4	107.2
115	34.4	28.7	43.1

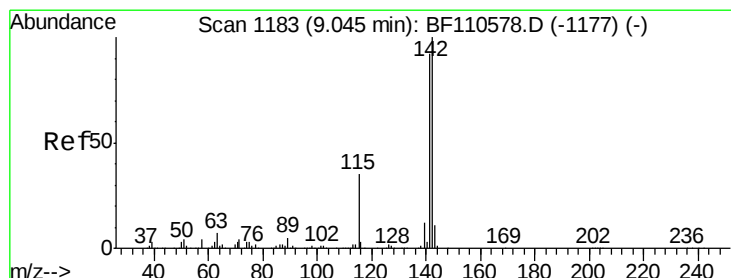
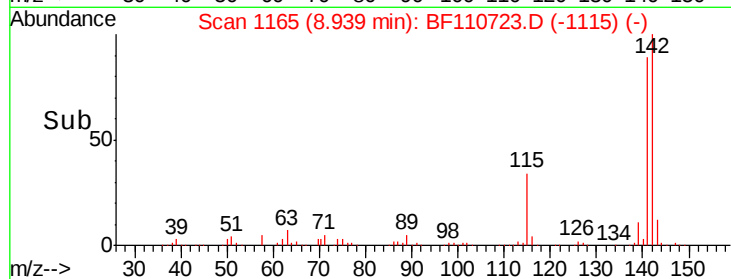
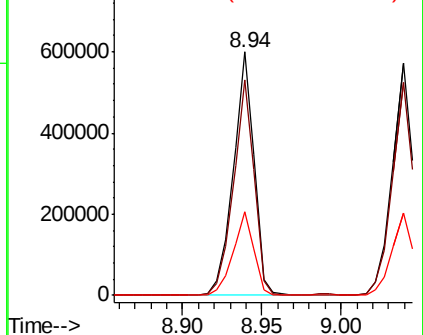


Abundance

Ion 142.00 (141.70 to 142.70): E

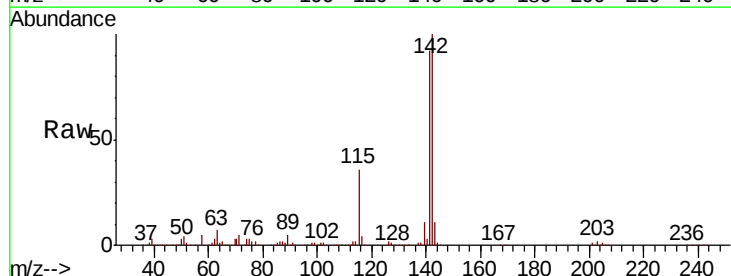
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 1-Methylnaphthalene
 Concen: 47.164 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF110723.D
 Acq: 13 Nov 2018 17:09

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	74.2	111.4
116	3.7	2.6	4.0

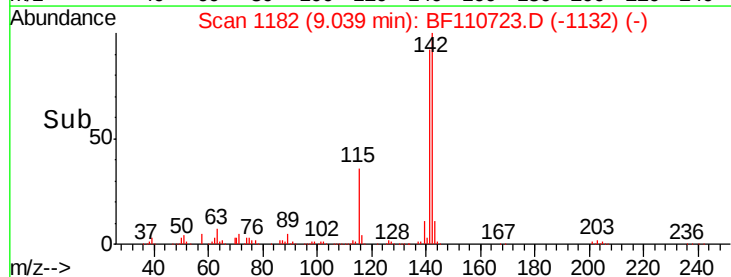
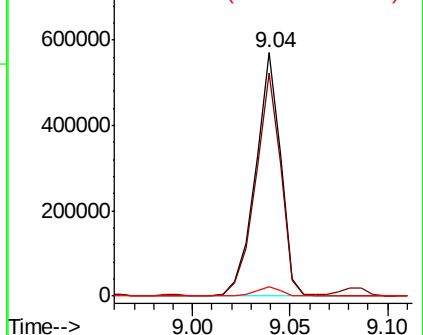


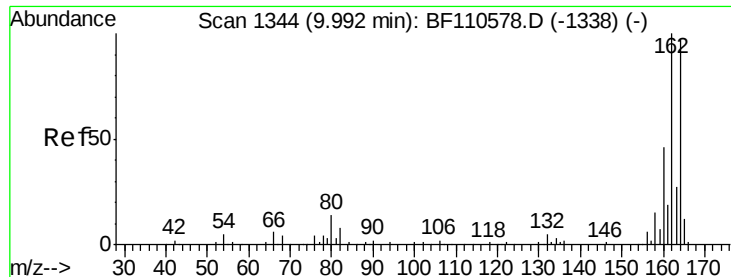
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF110723.D

Acq: 13 Nov 2018 17:09

Instrument :

BNA_F

ClientSampleId :

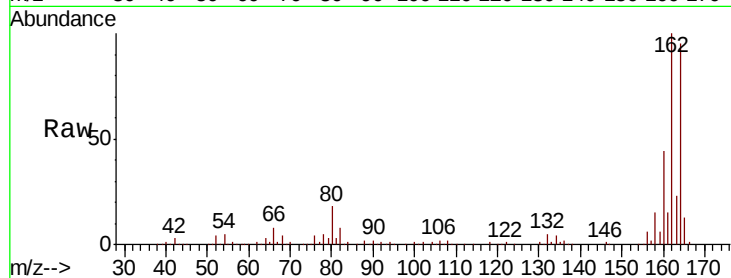
Tot Ion:164 Resp: 169222

Ion Ratio Lower Upper

164 100

162 105.5 83.0 124.6

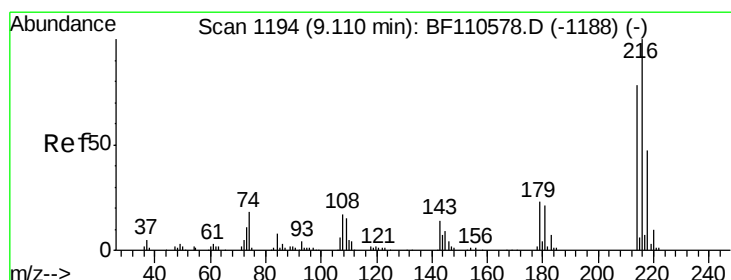
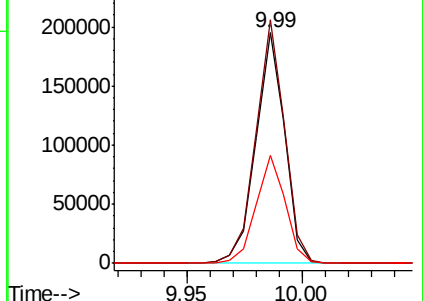
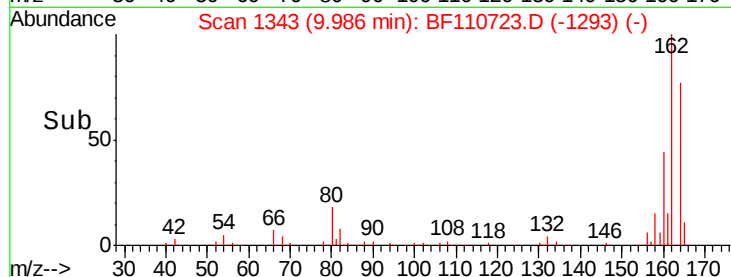
160 46.7 37.0 55.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.367 ng

RT: 9.10 min Scan# 1193

Delta R.T. -0.01 min

Lab File: BF110723.D

Acq: 13 Nov 2018 17:09

Tgt Ion:216 Resp: 226942

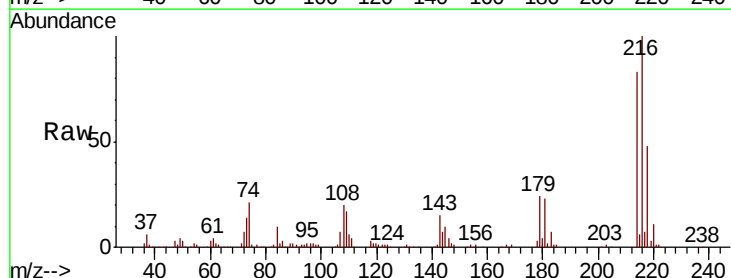
Ion Ratio Lower Upper

216 100

214 80.4 63.8 95.6

179 23.1 16.6 25.0

108 20.9 15.1 22.7

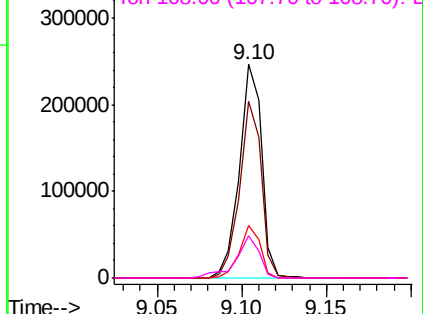
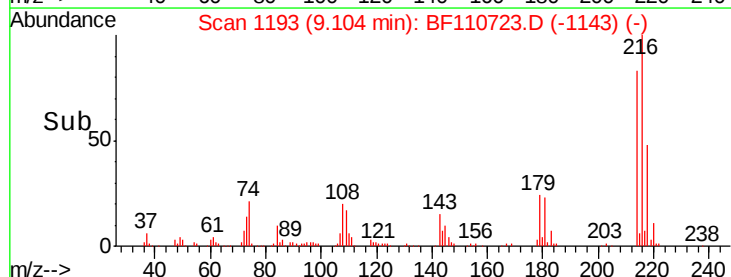


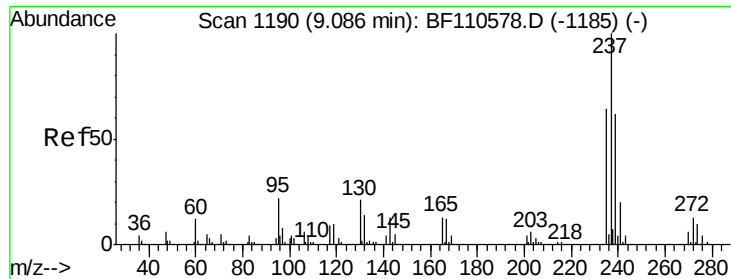
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 67.478 ng

RT: 9.09 min Scan# 1190

Delta R.T. 0.00 min

Lab File: BF110723.D

Acq: 13 Nov 2018 17:09

Instrument :

BNA_F

ClientSampleId :

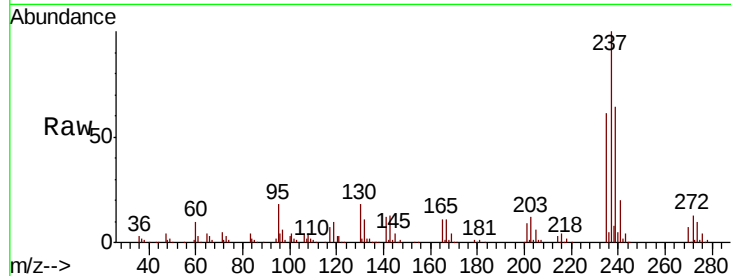
Tot Ion:237 Resp: 138146

Ion Ratio Lower Upper

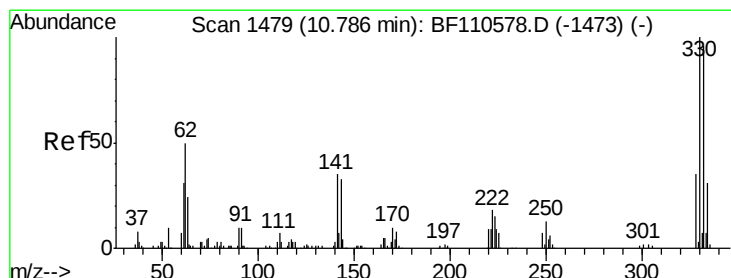
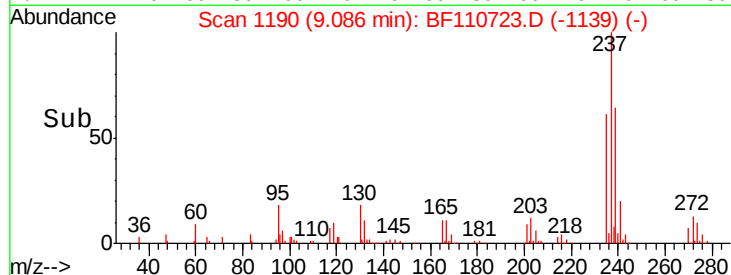
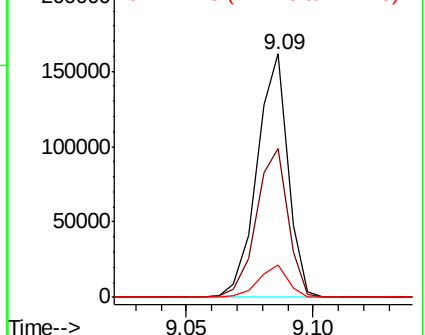
237 100

235 61.3 43.1 83.1

272 13.3 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: 121.007 ng

RT: 10.79 min Scan# 1479

Delta R.T. 0.00 min

Lab File: BF110723.D

Acq: 13 Nov 2018 17:09

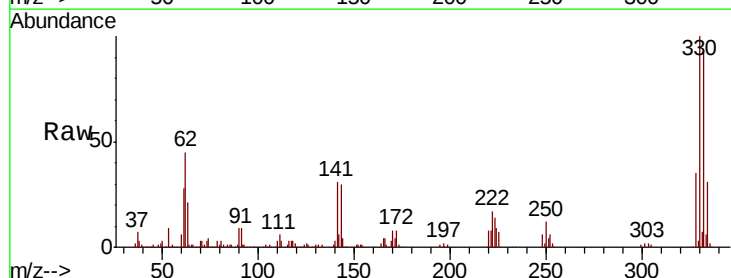
Tgt Ion:330 Resp: 206331

Ion Ratio Lower Upper

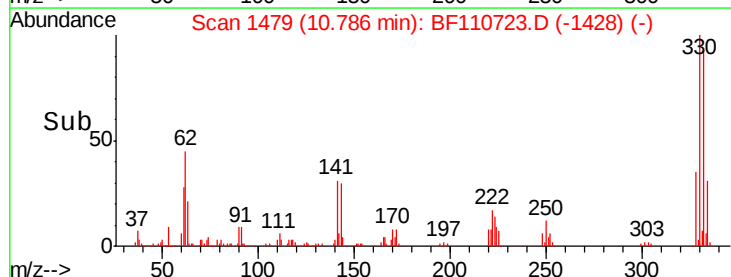
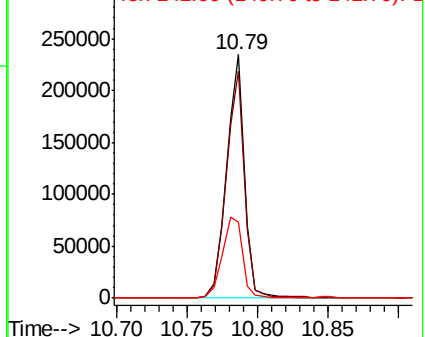
330 100

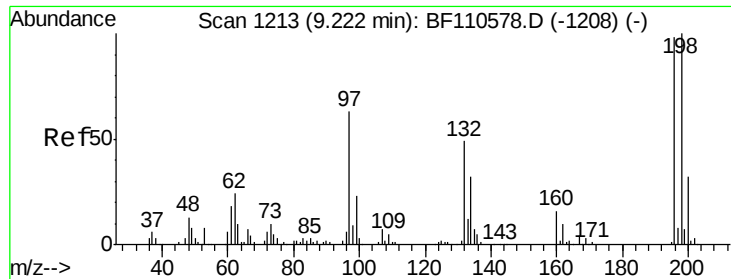
332 96.0 77.1 115.7

141 37.9 27.0 40.4



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

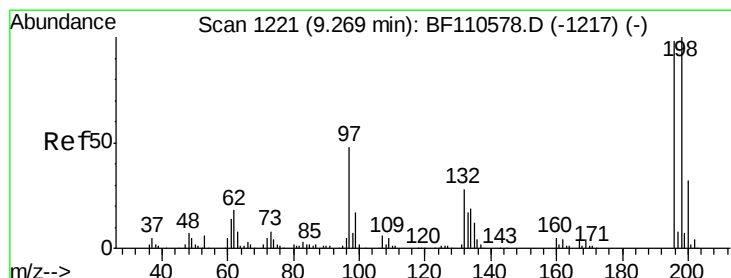
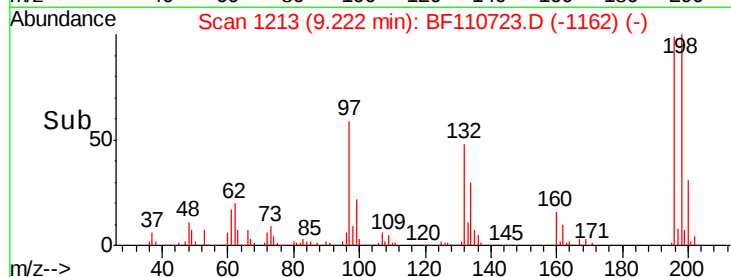
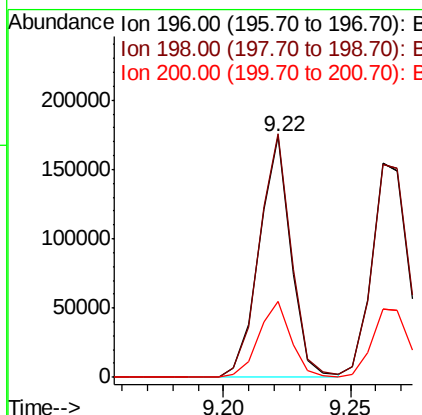
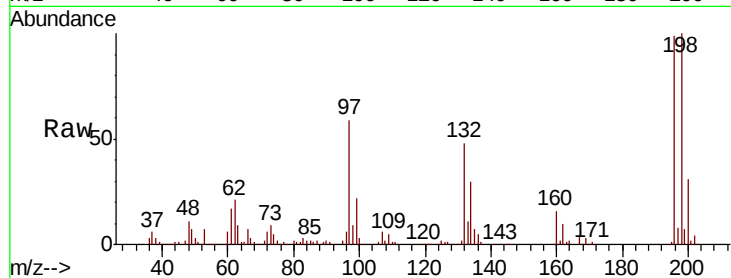




#43
 2,4,6-Trichlorophenol
 Concen: 45.312 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BF110723.D
 Acq: 13 Nov 2018 17:09

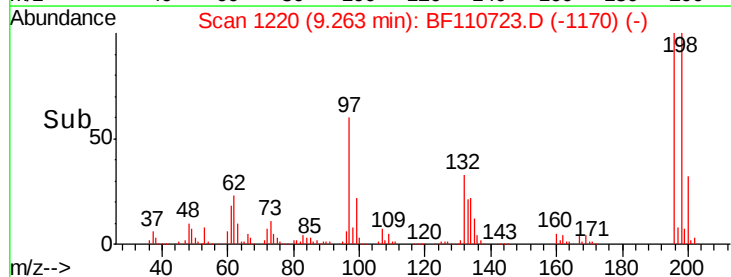
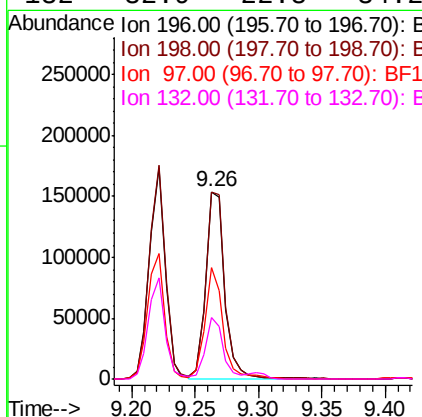
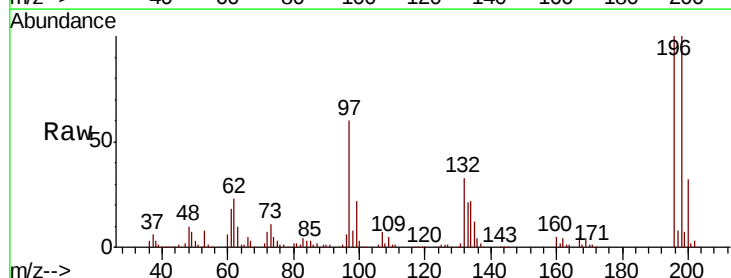
Instrument :
 BNA_F
 ClientSampled :

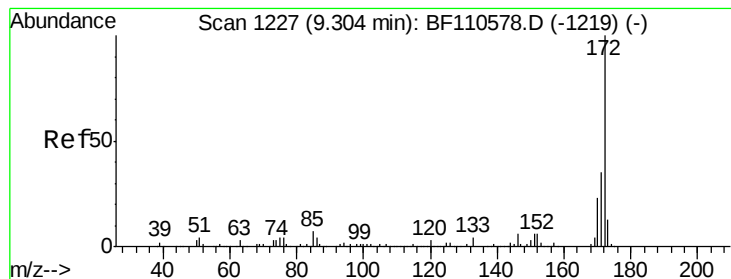
Tot Ion:196 Resp: 152523
 Ion Ratio Lower Upper
 196 100
 198 101.3 76.2 114.4
 200 31.7 24.4 36.6



#44
 2,4,5-Trichlorophenol
 Concen: 45.332 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BF110723.D
 Acq: 13 Nov 2018 17:09

Tgt Ion:196 Resp: 162766
 Ion Ratio Lower Upper
 196 100
 198 99.8 75.8 113.6
 97 59.7 42.4 63.6
 132 32.9 22.8 34.2





#45

2-Fluorobiphenyl

Concen: 84.263 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF110723.D

Acq: 13 Nov 2018 17:09

Instrument :

BNA_F

ClientSampleId :

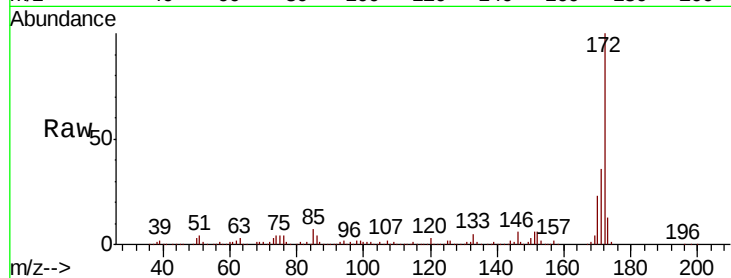
Tot Ion:172 Resp: 998417

Ion Ratio Lower Upper

172 100

171 35.8 28.6 43.0

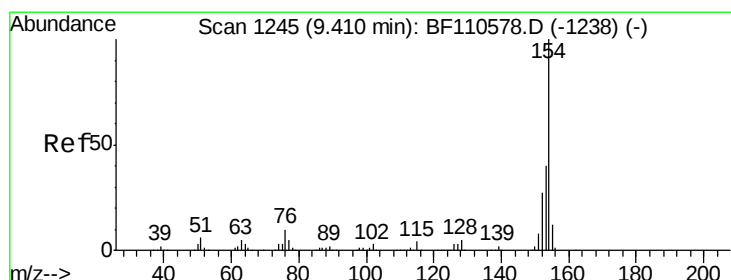
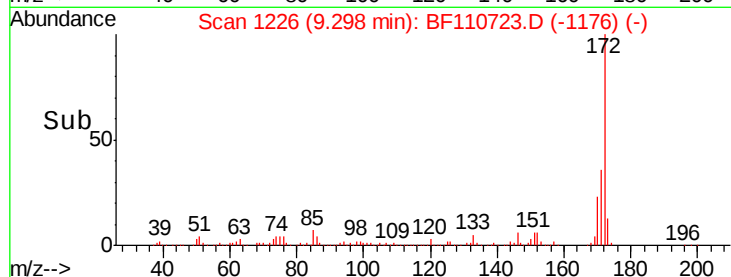
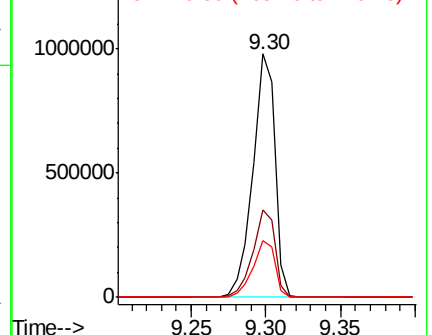
170 23.5 19.7 29.5



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: 41.767 ng

RT: 9.40 min Scan# 1244

Delta R.T. -0.01 min

Lab File: BF110723.D

Acq: 13 Nov 2018 17:09

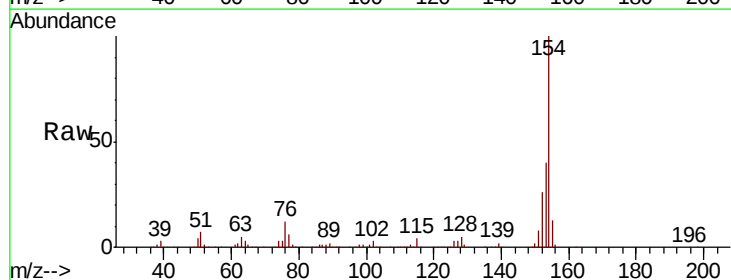
Tgt Ion:154 Resp: 659327

Ion Ratio Lower Upper

154 100

153 40.3 20.4 60.4

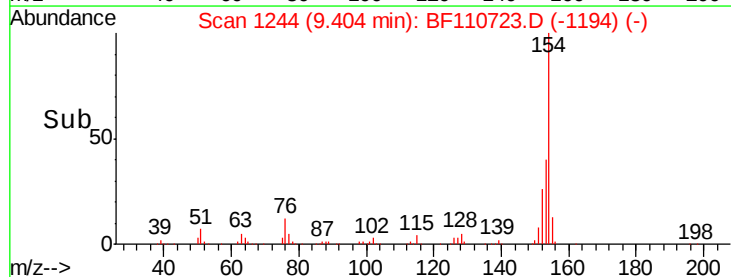
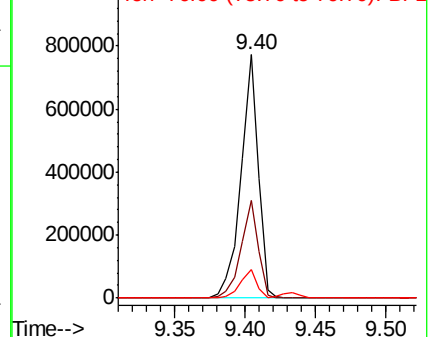
76 11.8 0.0 31.9

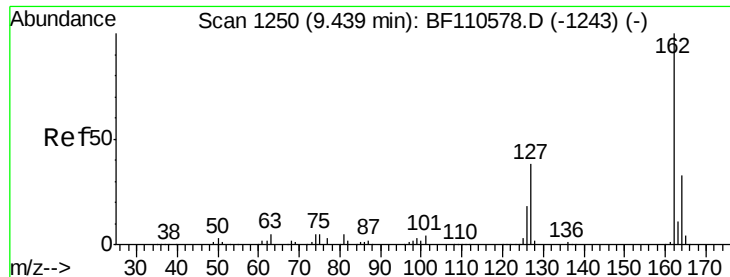


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

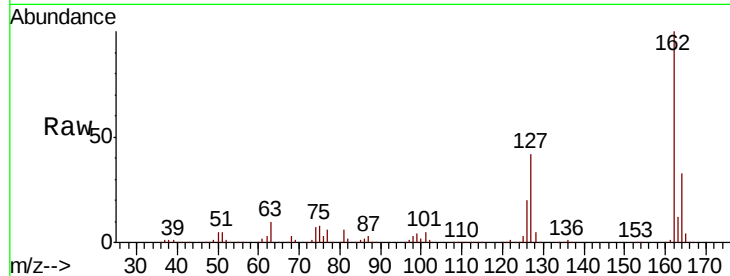




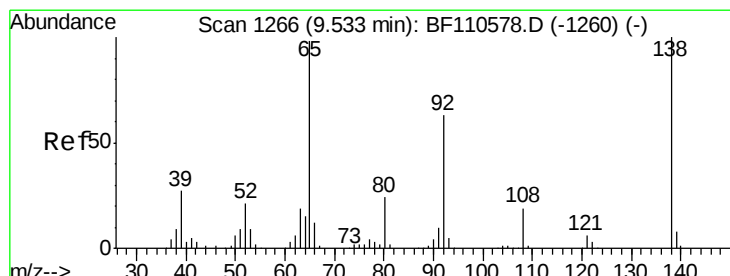
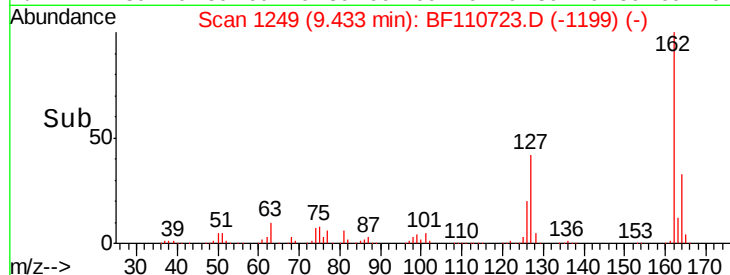
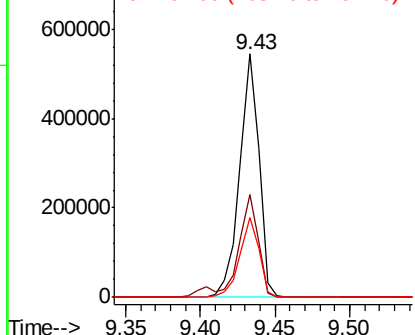
#47
 2-Chloronaphthalene
 Concen: 43.432 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: BF110723.D
 Acq: 13 Nov 2018 17:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.0	32.6	48.8
164	32.6	25.9	38.9

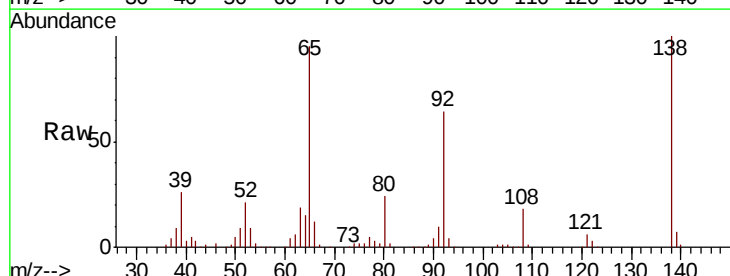


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

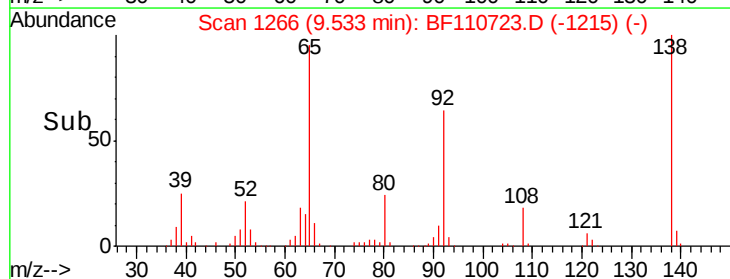
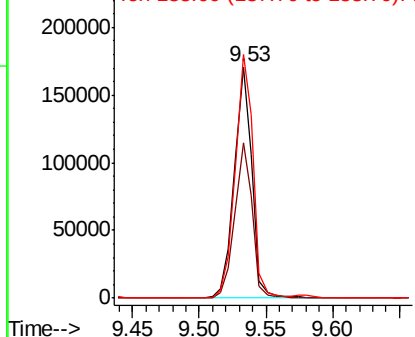


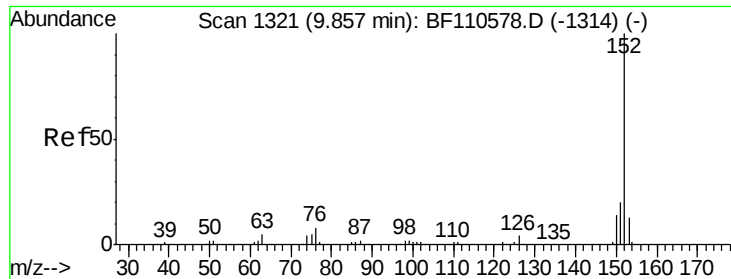
#48
 2-Nitroaniline
 Concen: 45.402 ng
 RT: 9.53 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: BF110723.D
 Acq: 13 Nov 2018 17:09

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.3	54.6	81.8
138	105.2	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: 46.790 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF110723.D

Acq: 13 Nov 2018 17:09

Instrument :

BNA_F

ClientSampled :

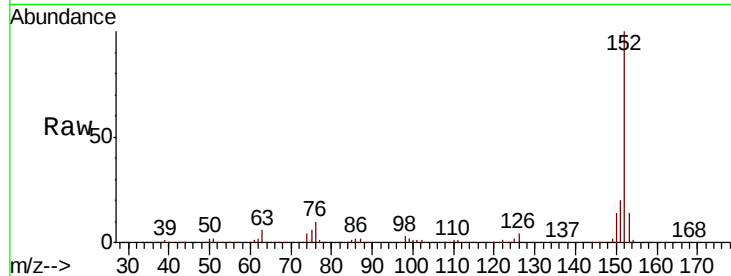
Tot Ion:152 Resp: 766341

Ion Ratio Lower Upper

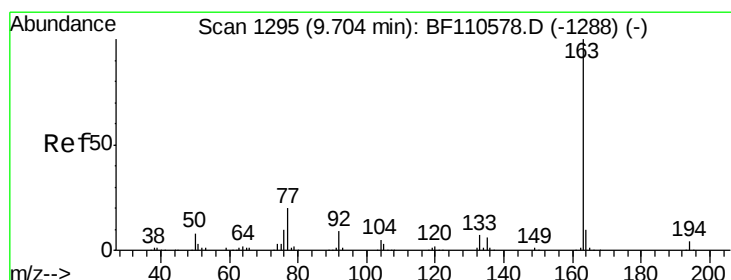
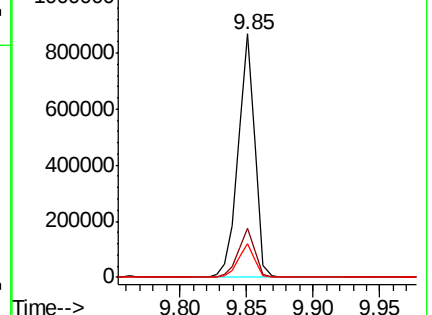
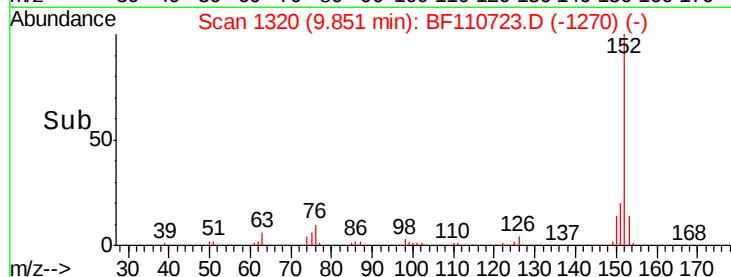
152 100

151 20.3 15.8 23.8

153 13.7 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 56.503 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BF110723.D

Acq: 13 Nov 2018 17:09

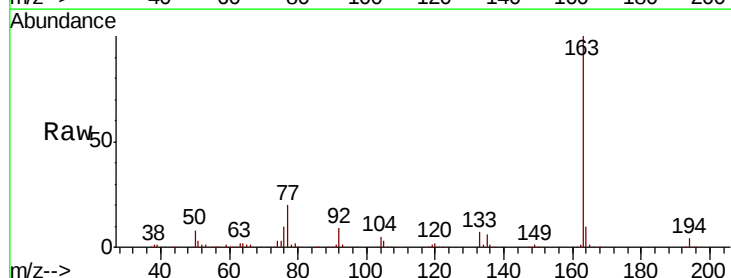
Tgt Ion:163 Resp: 713455

Ion Ratio Lower Upper

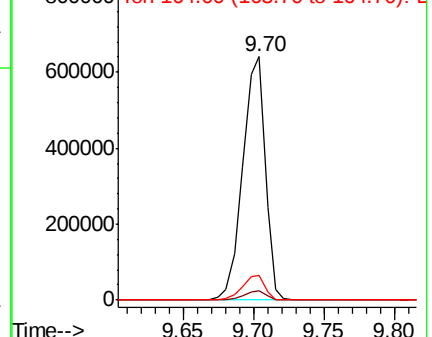
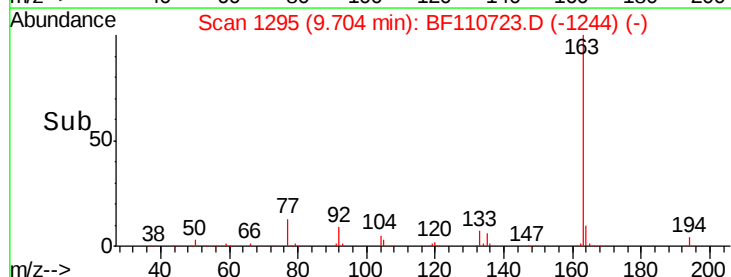
163 100

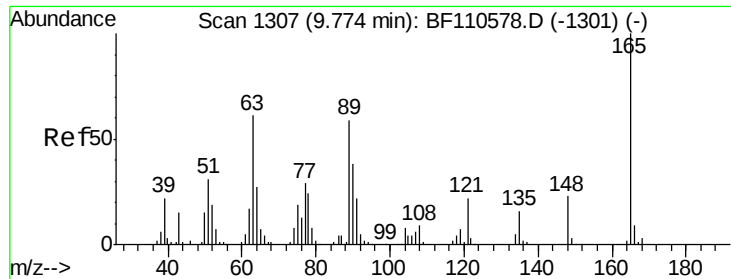
194 3.9 3.2 4.8

164 9.9 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

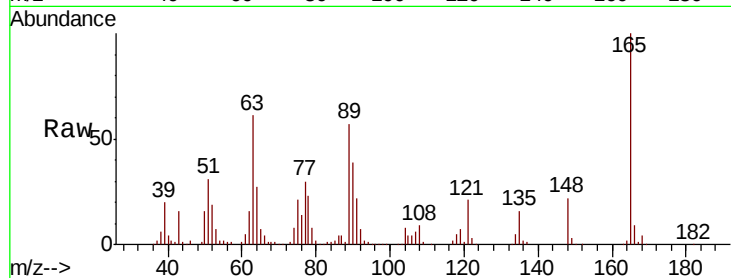




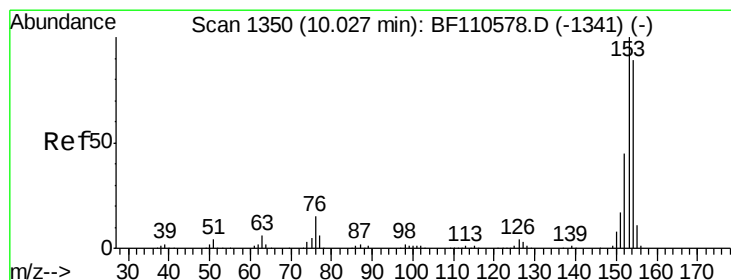
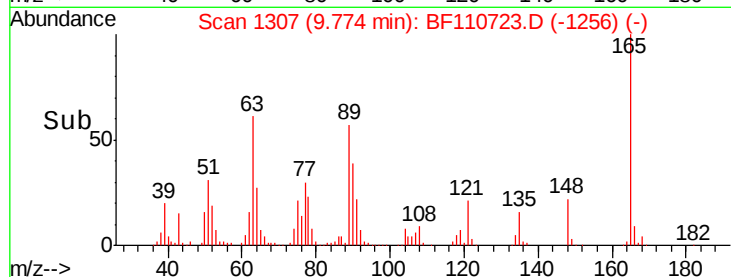
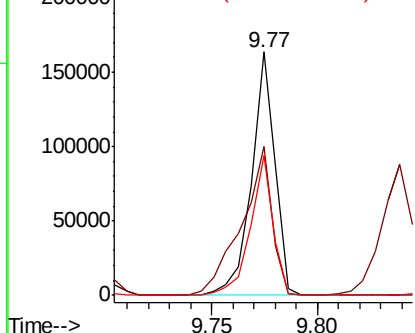
#51
 2,6-Dinitrotoluene
 Concen: 45.594 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. 0.00 min
 Lab File: BF110723.D
 Acq: 13 Nov 2018 17:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 126646
 Ion Ratio Lower Upper
 165 100
 63 61.2 48.9 73.3
 89 57.3 46.6 69.8

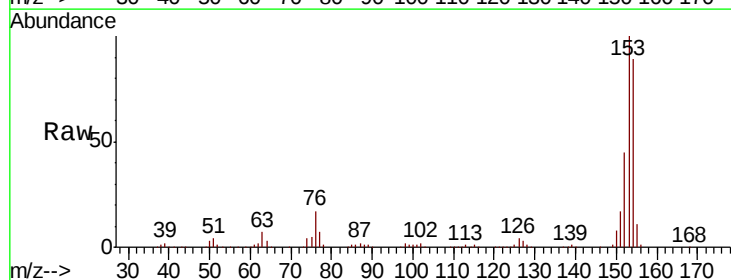


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

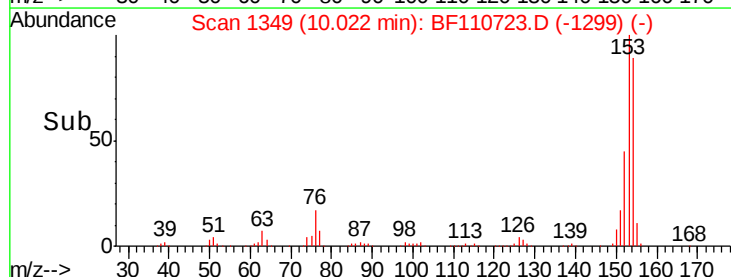
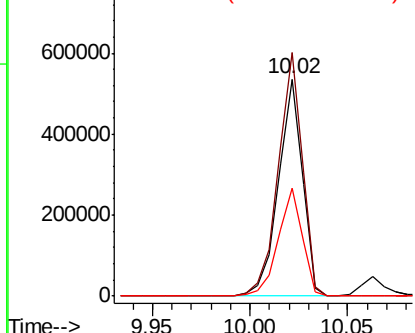


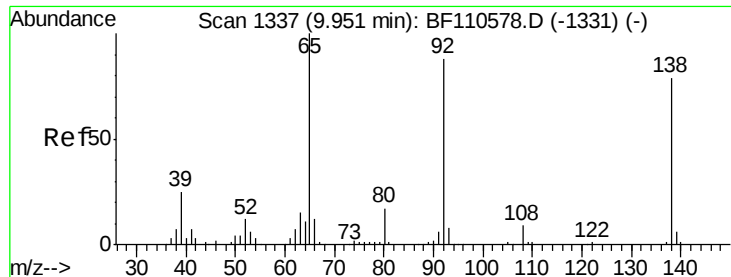
#52
 Acenaphthene
 Concen: 44.297 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. -0.01 min
 Lab File: BF110723.D
 Acq: 13 Nov 2018 17:09

Tgt Ion:154 Resp: 458499
 Ion Ratio Lower Upper
 154 100
 153 112.3 90.1 135.1
 152 50.1 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

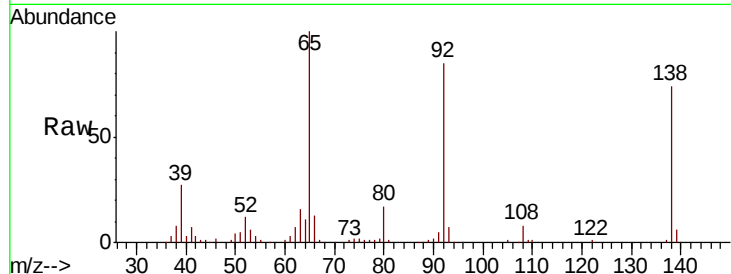




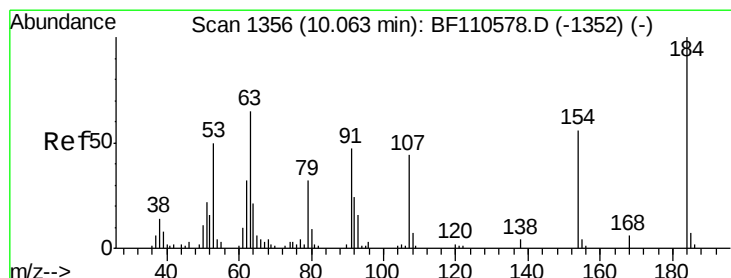
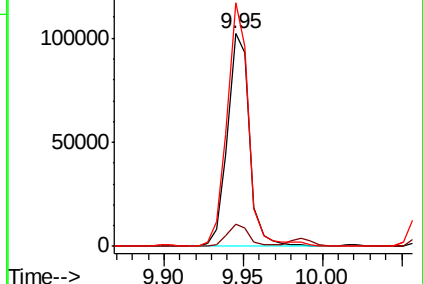
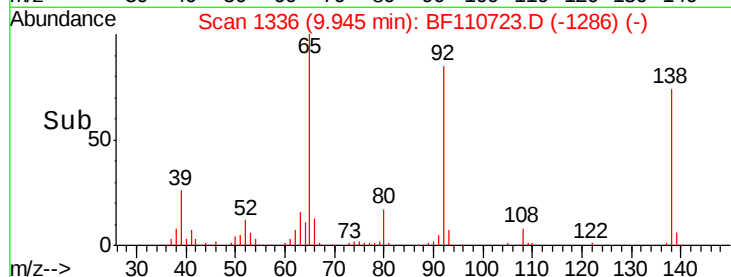
#53
3-Nitroaniline
Concen: 30.641 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF110723.D
Acq: 13 Nov 2018 17:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 98604
Ion Ratio Lower Upper
138 100
108 10.3 8.7 13.1
92 114.6 97.0 145.4

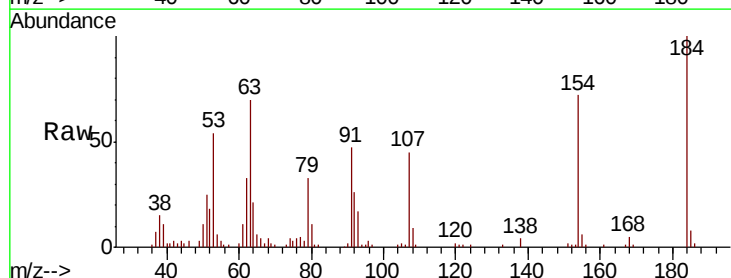


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

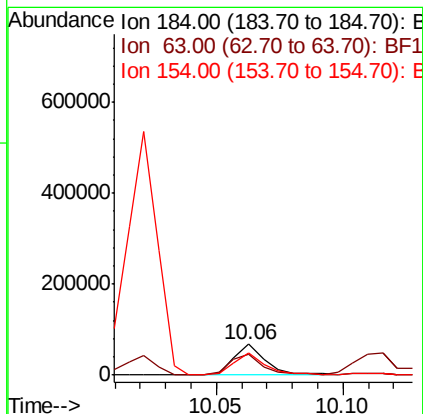
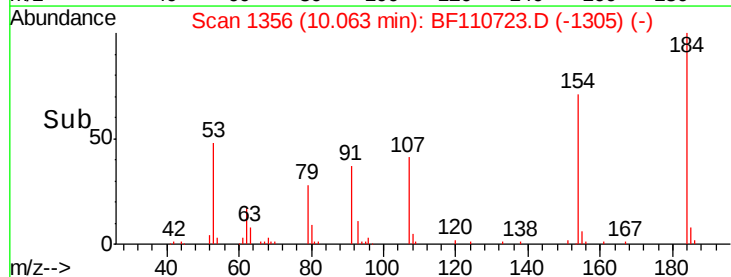


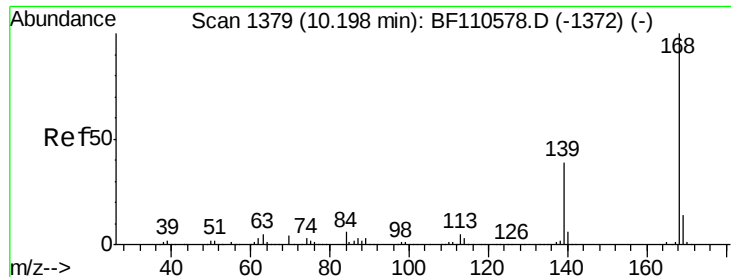
#54
2,4-Dinitrophenol
Concen: 55.801 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BF110723.D
Acq: 13 Nov 2018 17:09

Tgt Ion:184 Resp: 60072
Ion Ratio Lower Upper
184 100
63 69.5 55.8 83.6
154 71.7 63.2 94.8



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

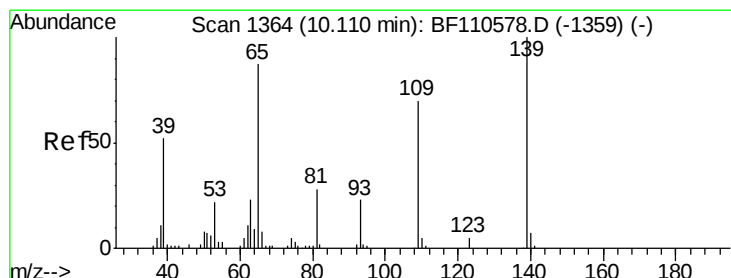
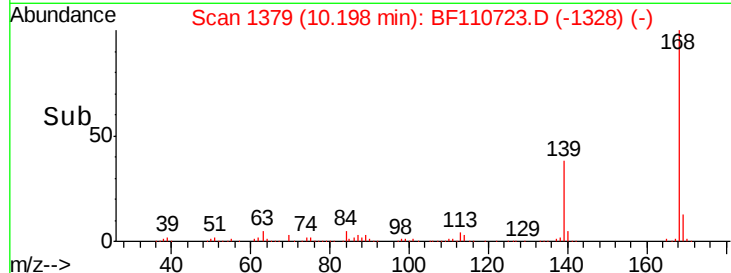
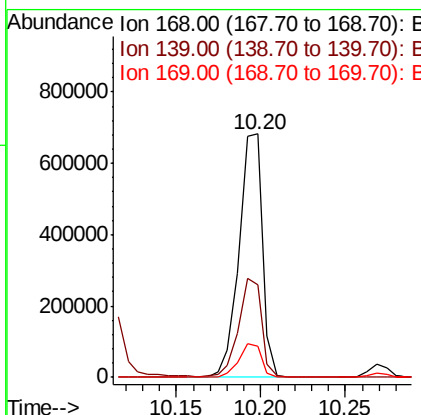
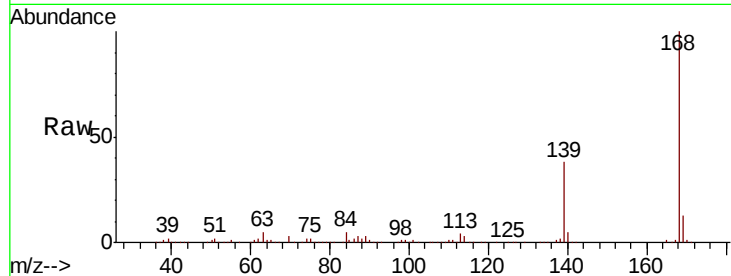




#55
Dibenzenofuran
Concen: 43.669 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BF110723.D
Acq: 13 Nov 2018 17:09

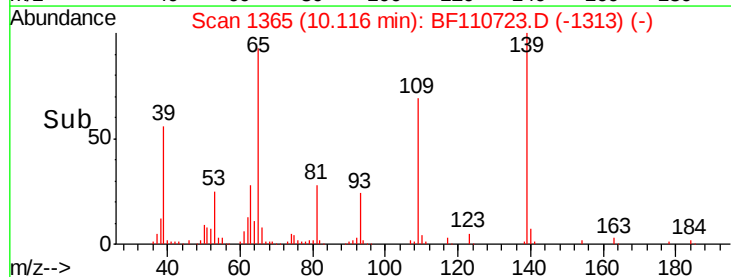
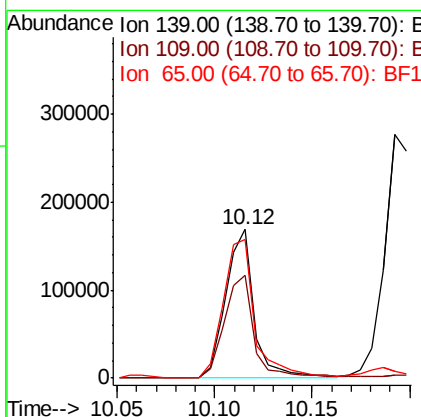
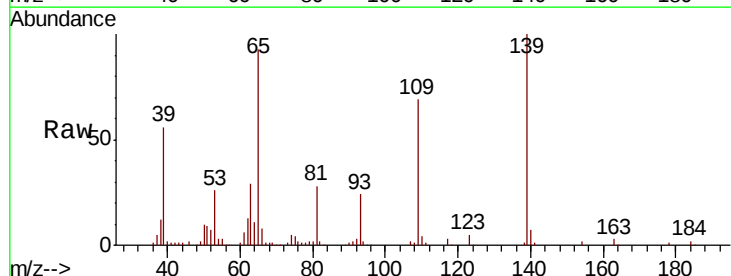
Instrument :
BNA_F
ClientSampleId :

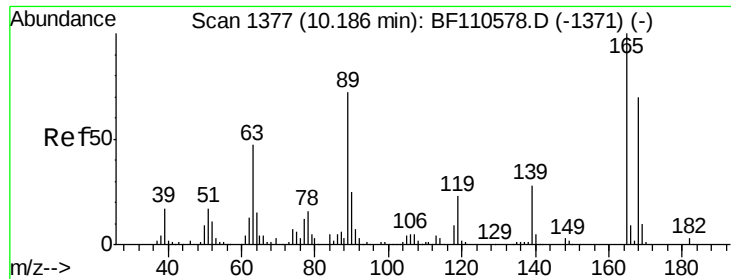
Tot Ion:168 Resp: 661304
Ion Ratio Lower Upper
168 100
139 37.8 33.0 49.6
169 13.0 11.3 16.9



#56
4-Nitrophenol
Concen: 80.377 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF110723.D
Acq: 13 Nov 2018 17:09

Tgt Ion:139 Resp: 171600
Ion Ratio Lower Upper
139 100
109 68.9 55.8 95.8
65 93.0 77.9 117.9

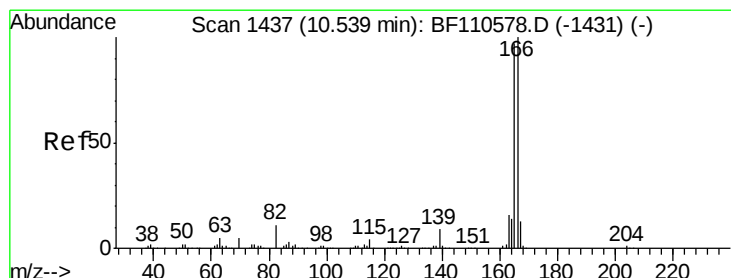
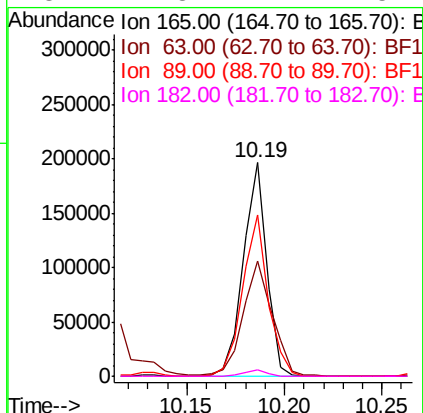
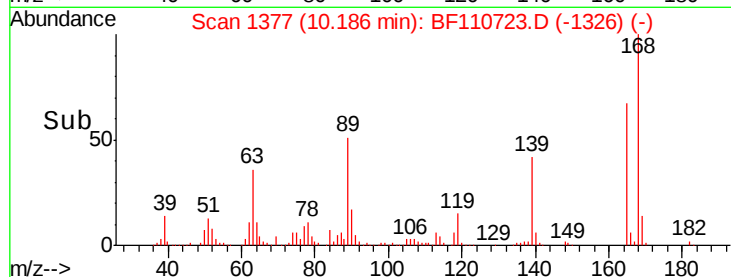
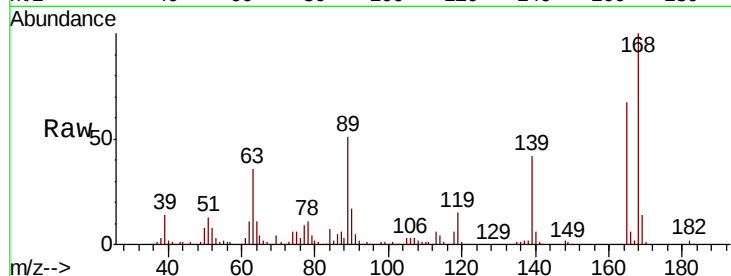




#57
 2,4-Dinitrotoluene
 Concen: 45.195 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. 0.00 min
 Lab File: BF110723.D
 Acq: 13 Nov 2018 17:09

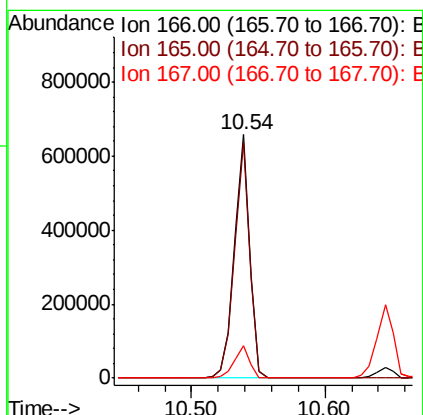
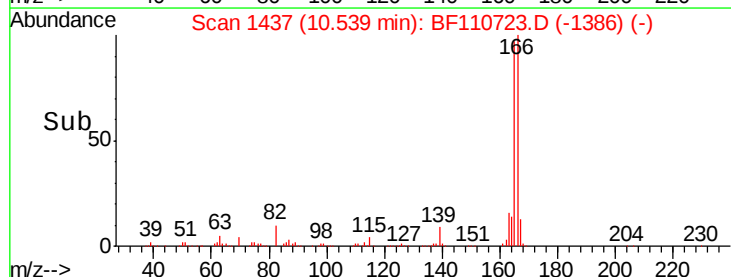
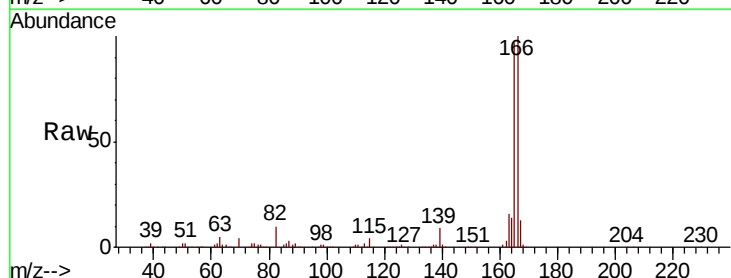
Instrument :
 BNA_F
 ClientSampled :

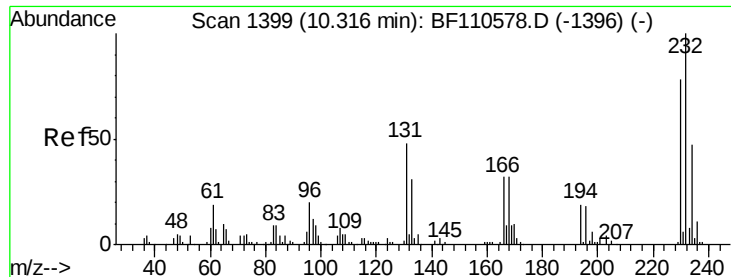
Tot Ion:	165	Resp:	163227
Ion	Ratio	Lower	Upper
165	100		
63	53.9	44.8	67.2
89	75.7	62.2	93.4
182	2.8	2.1	3.1



#58
 Fluorene
 Concen: 46.083 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. 0.00 min
 Lab File: BF110723.D
 Acq: 13 Nov 2018 17:09

Tgt Ion:	166	Resp:	536028
Ion	Ratio	Lower	Upper
166	100		
165	97.0	78.6	117.8
167	13.1	10.8	16.2

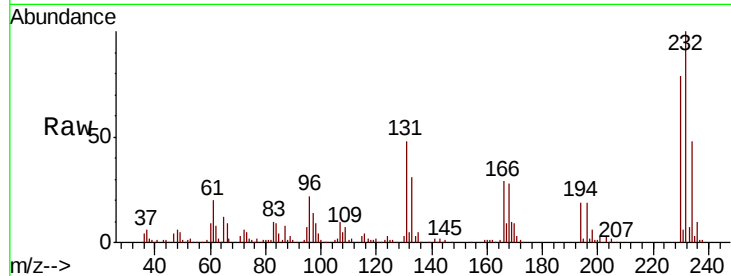




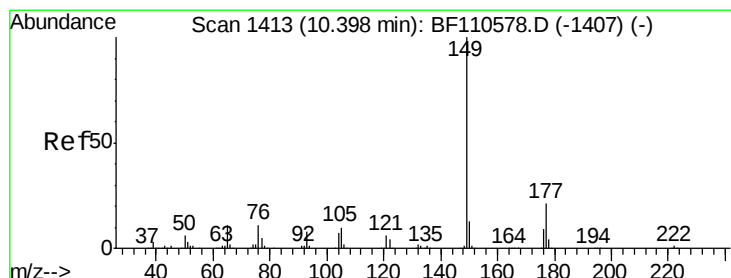
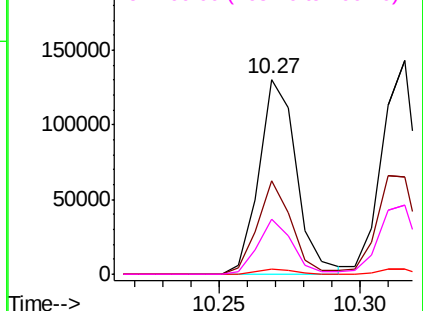
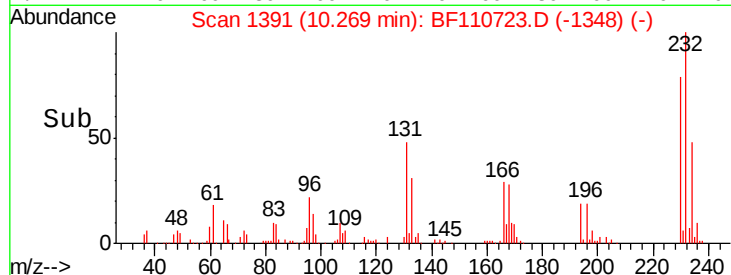
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.464 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.05 min
Lab File: BF110723.D
Acq: 13 Nov 2018 17:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:232 Resp: 119944
Ion Ratio Lower Upper
232 100
131 44.5 37.0 55.4
130 2.4 1.8 2.6
166 26.8 22.0 33.0

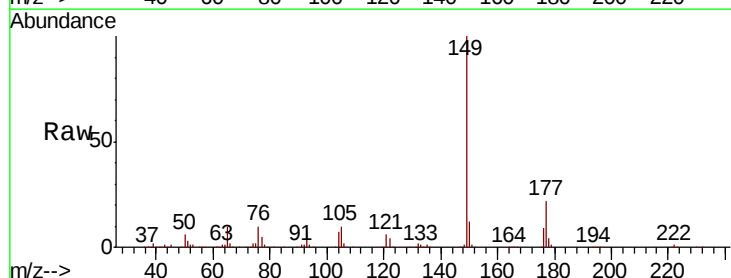


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

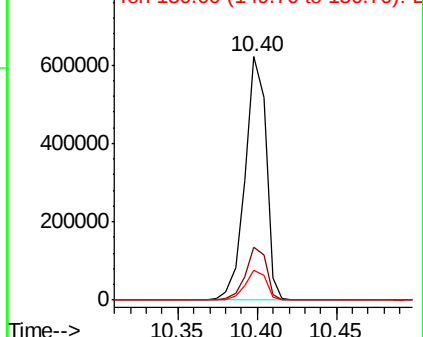
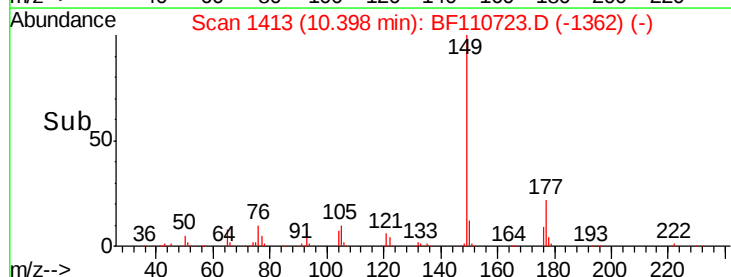


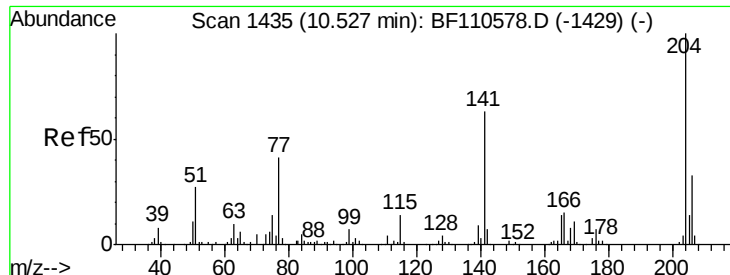
#60
Diethylphthalate
Concen: 45.597 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BF110723.D
Acq: 13 Nov 2018 17:09

Tgt Ion:149 Resp: 569593
Ion Ratio Lower Upper
149 100
177 21.6 17.4 26.2
150 12.2 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

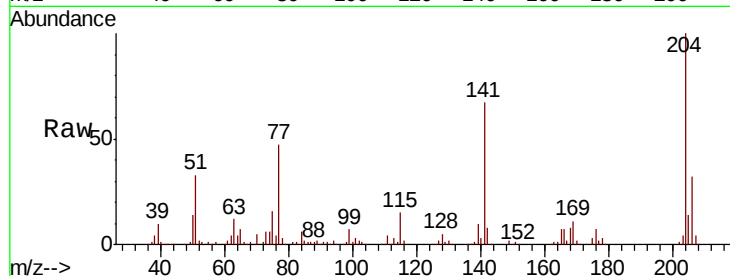




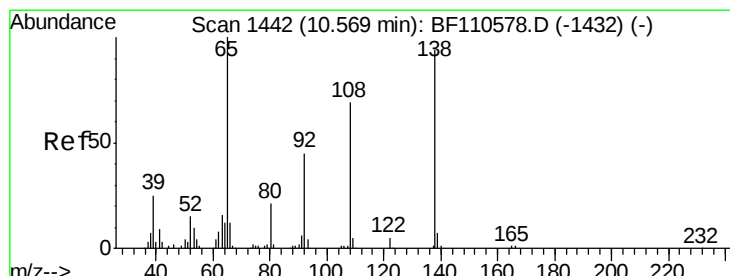
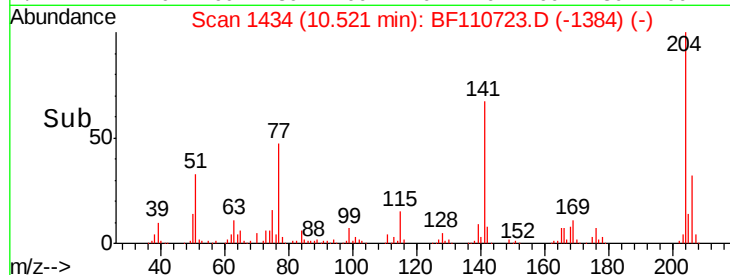
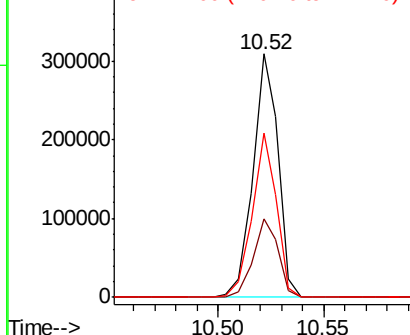
#61
4-Chlorophenyl-phenylether
Concen: 42.388 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF110723.D
Acq: 13 Nov 2018 17:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 255286
Ion Ratio Lower Upper
204 100
206 32.1 26.5 39.7
141 67.5 51.8 77.8

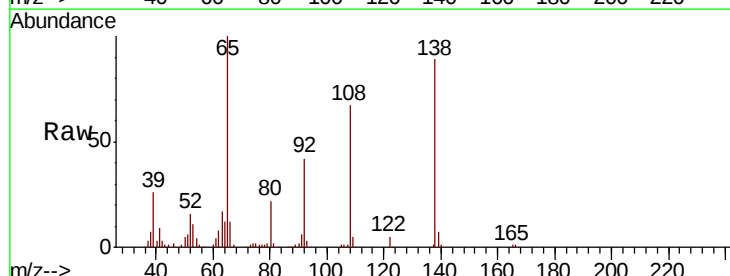


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

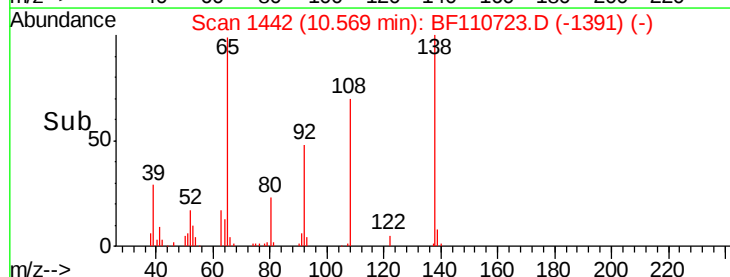
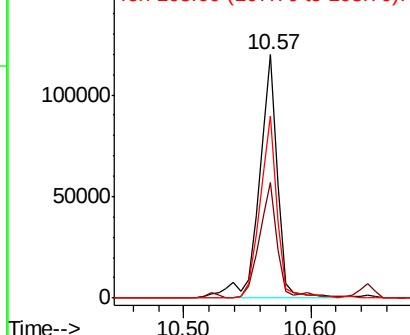


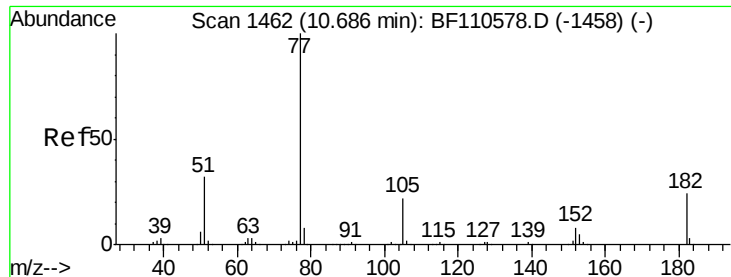
#62
4-Nitroaniline
Concen: 37.940 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF110723.D
Acq: 13 Nov 2018 17:09

Tgt Ion:138 Resp: 122945
Ion Ratio Lower Upper
138 100
92 47.5 31.7 71.7
108 74.8 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

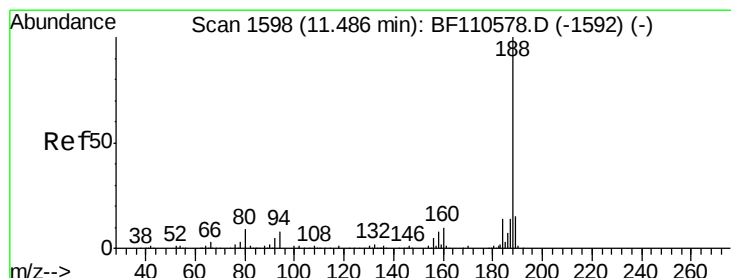
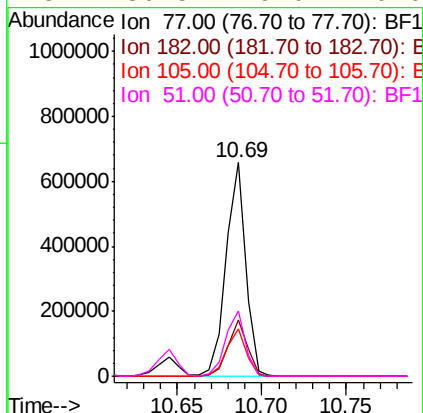
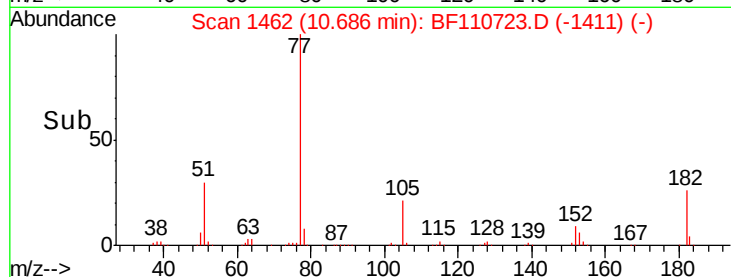
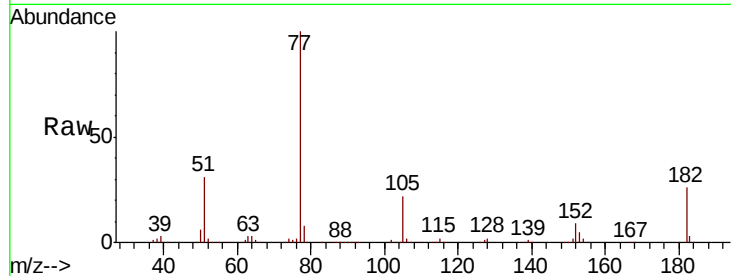




#63
Azobenzene
Concen: 43.570 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.00 min
Lab File: BF110723.D
Acq: 13 Nov 2018 17:09

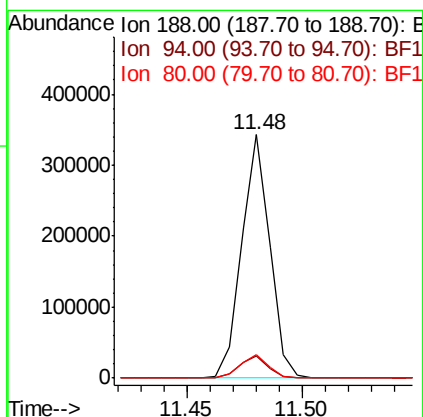
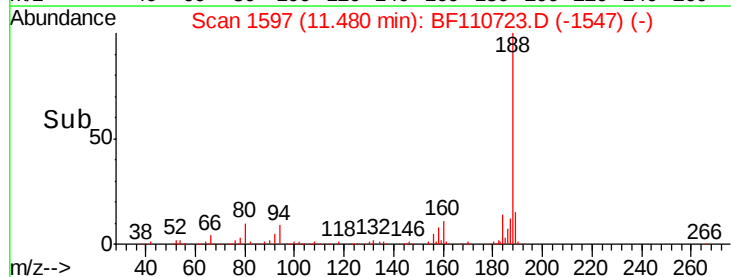
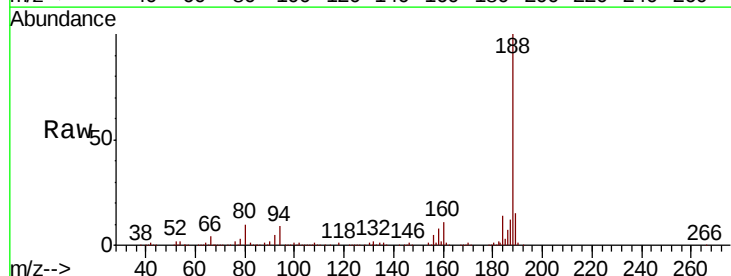
Instrument :
BNA_F
ClientSampled :

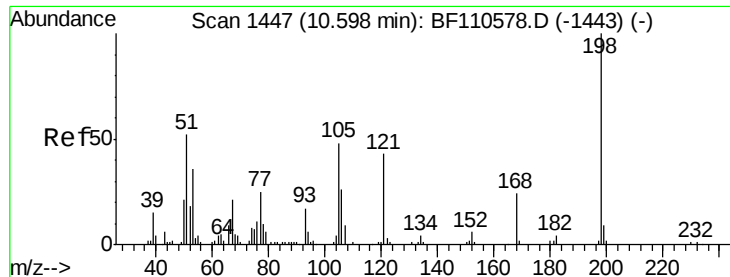
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.1	4.3	44.3	
105	22.4	1.3	41.3	
51	30.5	9.0	49.0	



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110723.D
Acq: 13 Nov 2018 17:09

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.3	7.2	10.8	
80	9.6	7.9	11.9	

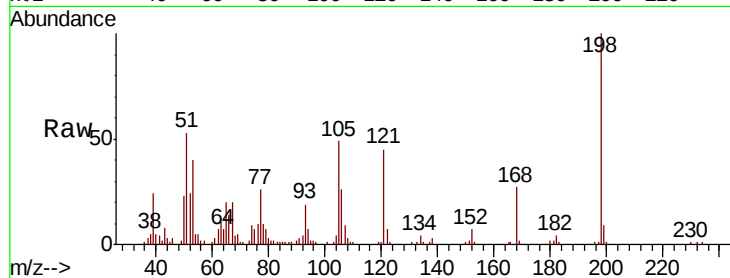




#65
 4,6-Dinitro-2-methylphenol
 Concen: 37.099 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.00 min
 Lab File: BF110723.D
 Acq: 13 Nov 2018 17:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	198	Resp	54336
Ion Ratio	100	Lower	Upper
51	53.3	22.8	62.8
105	48.7	23.6	63.6

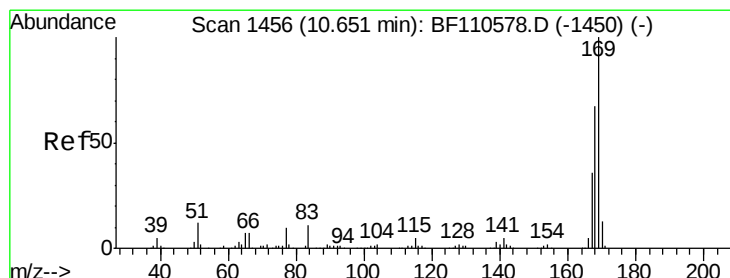
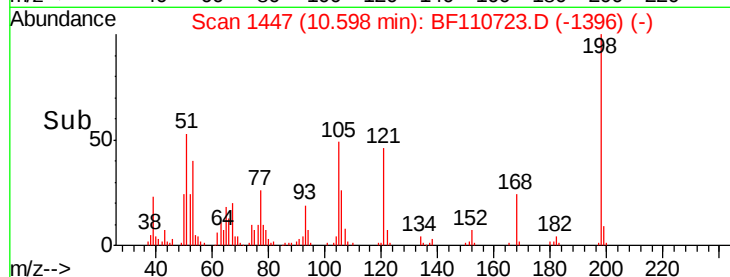
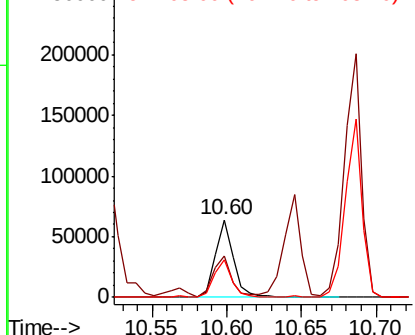


Abundance

Ion 198.00 (197.70 to 198.70): E

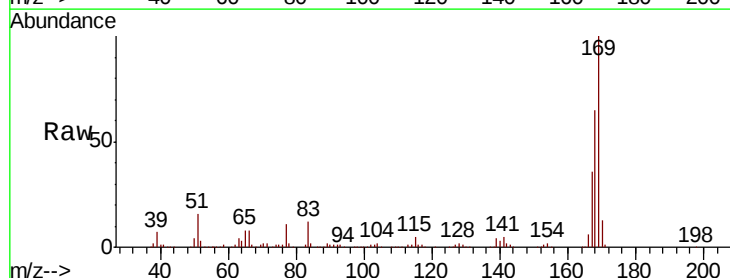
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66
 n-Nitrosodiphenylamine
 Concen: 47.221 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BF110723.D
 Acq: 13 Nov 2018 17:09

Tgt Ion	169	Resp	462547
Ion Ratio	100	Lower	Upper
168	65.5	51.2	76.8
167	36.2	27.8	41.6

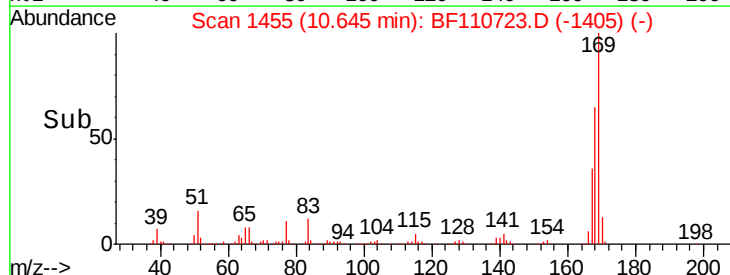
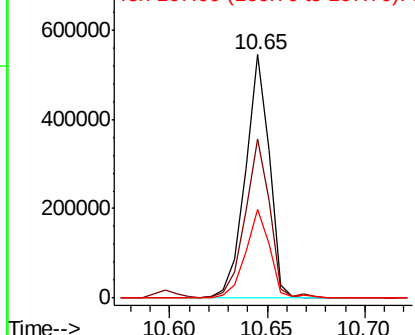


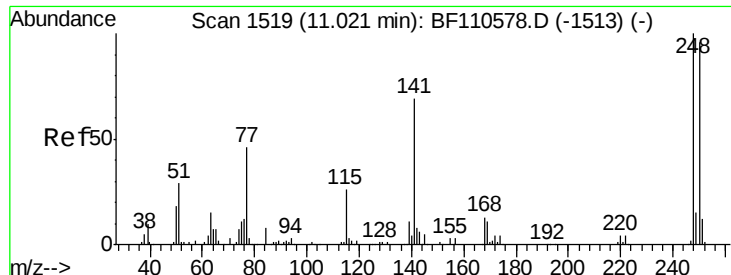
Abundance

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

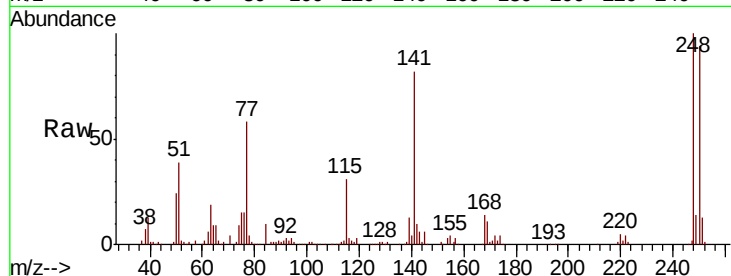




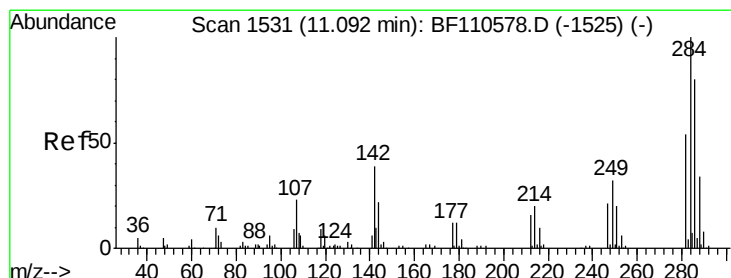
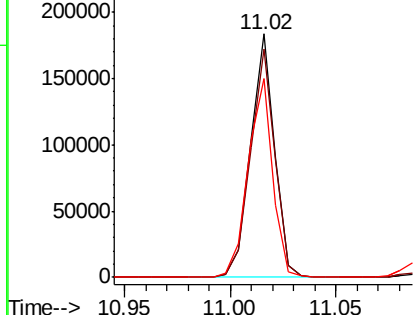
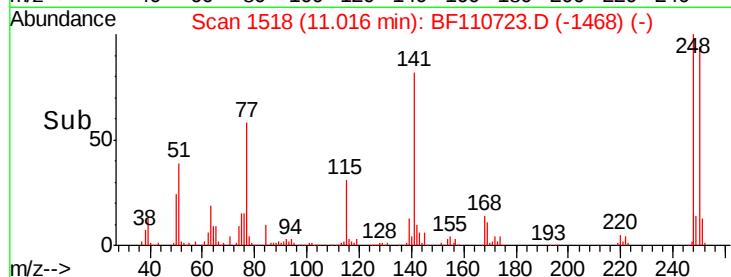
#67
4-Bromophenyl-phenylether
Concen: 45.337 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF110723.D
Acq: 13 Nov 2018 17:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 145612
Ion Ratio Lower Upper
248 100
250 93.7 79.4 119.2
141 81.8 55.9 83.9

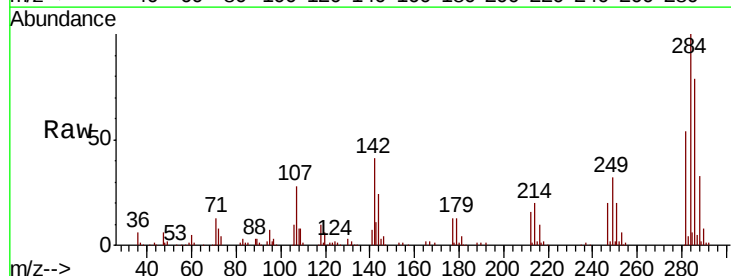


Abundance Ion 248.00 (247.70 to 248.70): E
250000
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

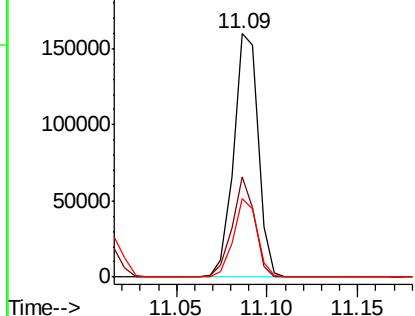
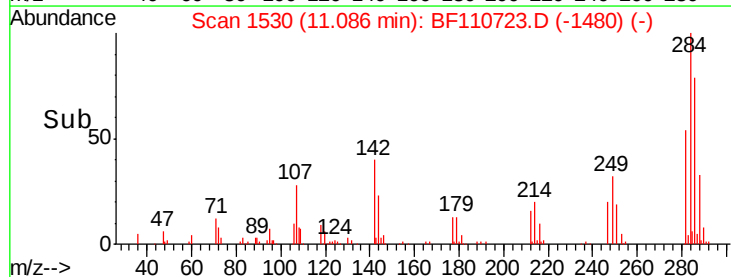


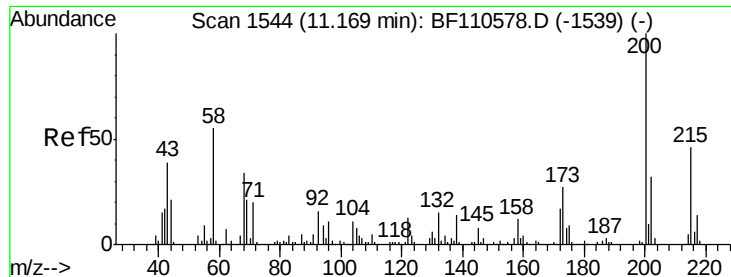
#68
Hexachlorobenzene
Concen: 44.571 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BF110723.D
Acq: 13 Nov 2018 17:09

Tgt Ion:284 Resp: 150926
Ion Ratio Lower Upper
284 100
142 41.1 23.9 35.9#
249 32.1 24.2 36.2



Abundance Ion 283.80 (283.50 to 284.50): E
200000
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

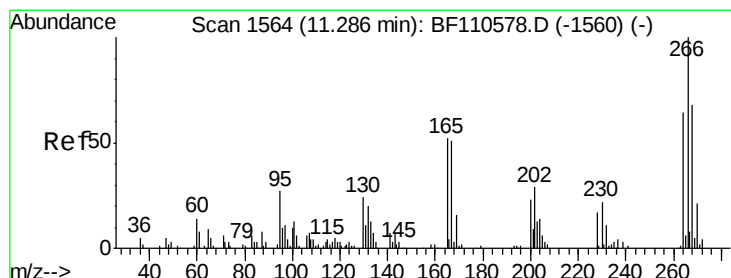
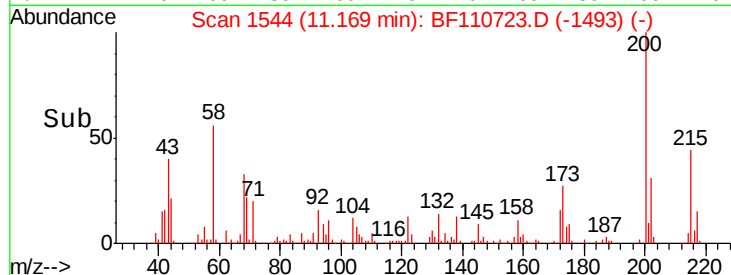
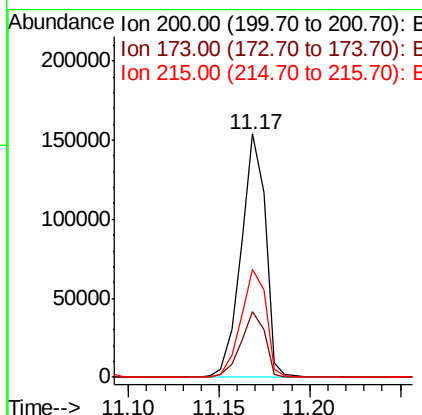
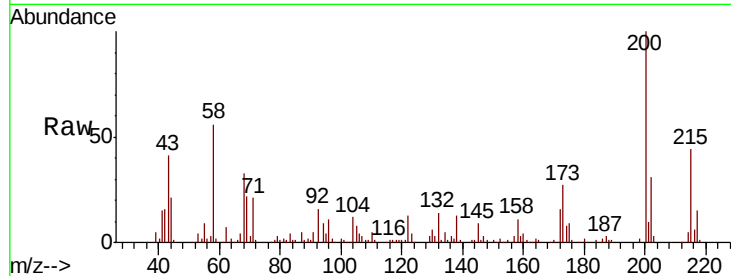




#69
 Atrazine
 Concen: 47.899 ng
 RT: 11.17 min Scan# 1544
 Delta R.T. -0.00 min
 Lab File: BF110723.D
 Acq: 13 Nov 2018 17:09

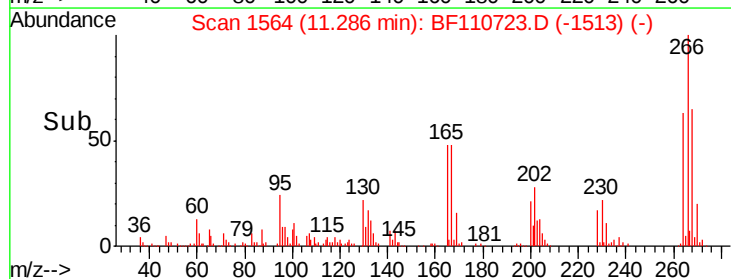
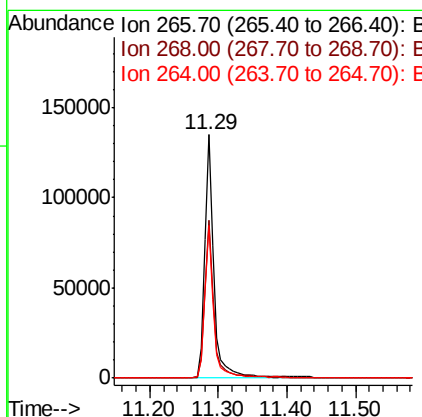
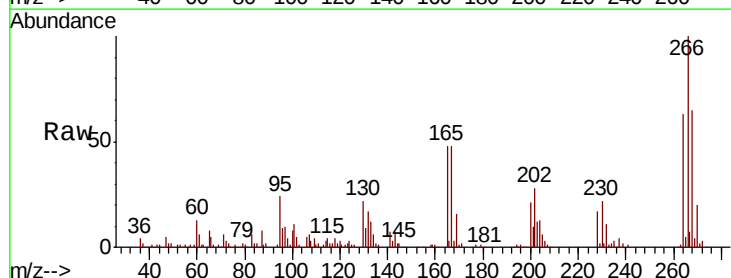
Instrument :
 BNA_F
 ClientSampleId :

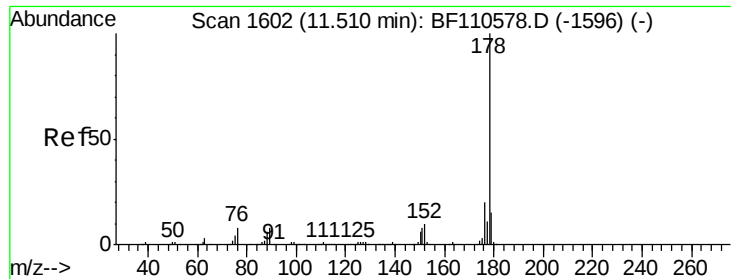
Tot Ion:200 Resp: 143459
 Ion Ratio Lower Upper
 200 100
 173 26.8 6.6 46.6
 215 44.4 26.3 66.3



#70
 Pentachlorophenol
 Concen: 73.342 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. 0.00 min
 Lab File: BF110723.D
 Acq: 13 Nov 2018 17:09

Tgt Ion:266 Resp: 132516
 Ion Ratio Lower Upper
 266 100
 268 64.7 50.6 75.8
 264 62.8 50.6 75.8

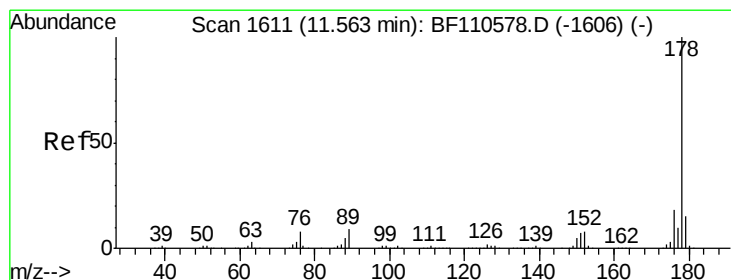
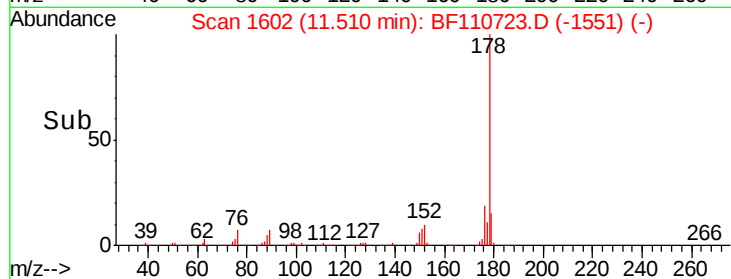
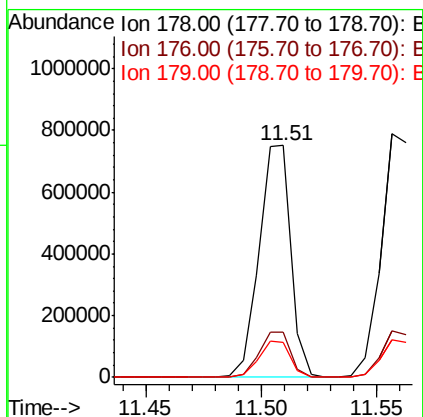
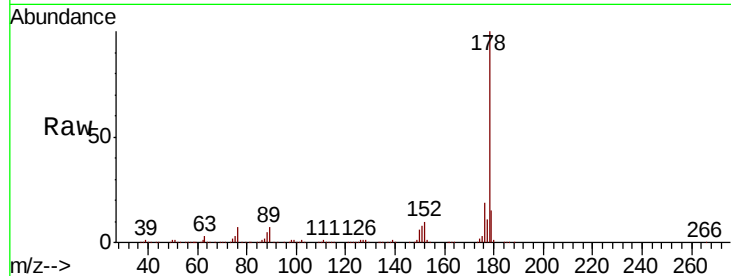




#71
Phenanthrene
Concen: 46.339 ng
RT: 11.51 min Scan# 1602
Delta R.T. 0.00 min
Lab File: BF110723.D
Acq: 13 Nov 2018 17:09

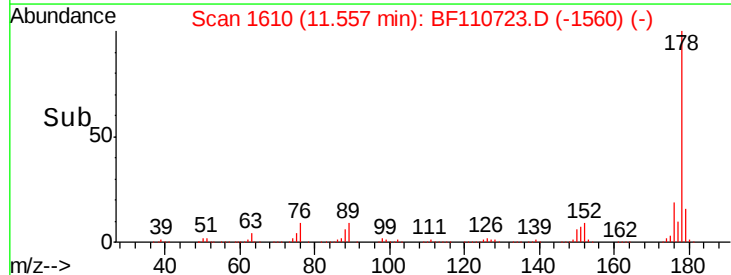
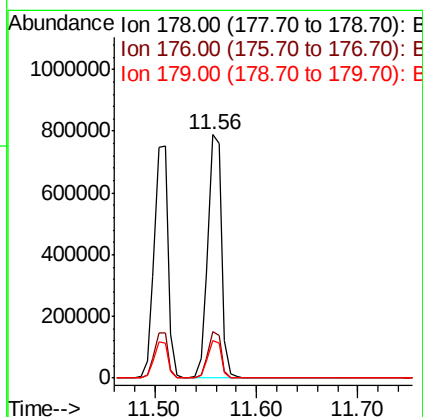
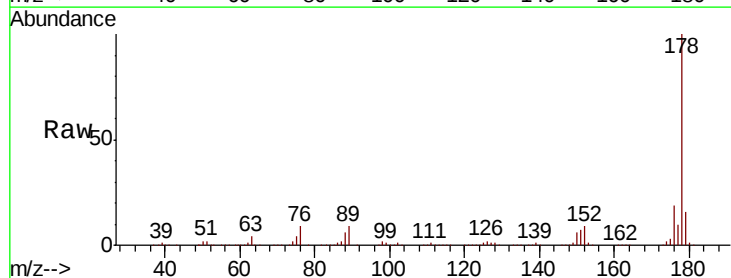
Instrument :
BNA_F
ClientSampleId :

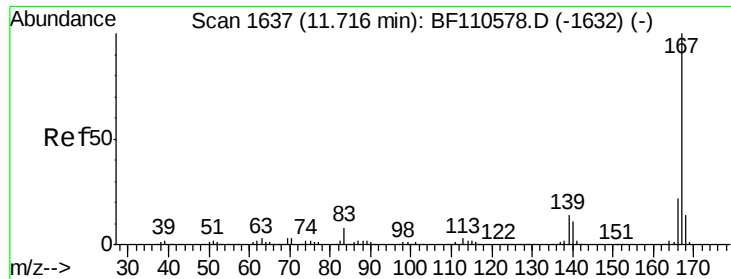
Tot Ion:178 Resp: 721448
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 15.1 12.5 18.7



#72
Anthracene
Concen: 47.330 ng
RT: 11.56 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BF110723.D
Acq: 13 Nov 2018 17:09

Tgt Ion:178 Resp: 743339
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.6 12.6 18.8

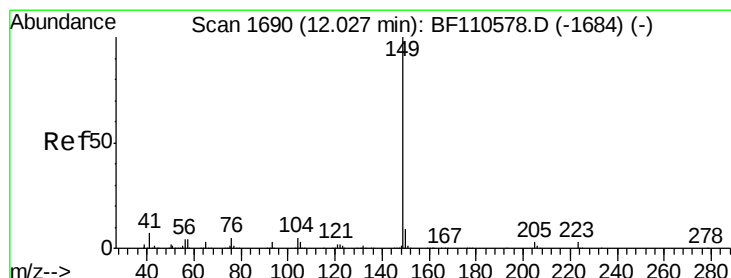
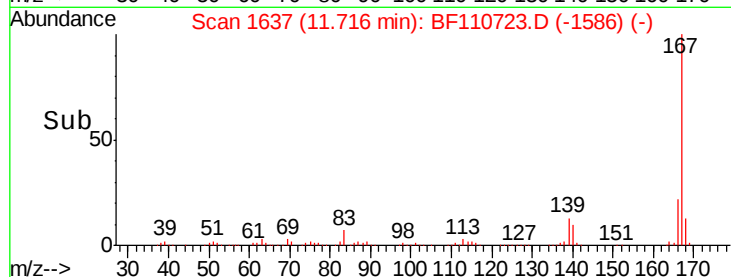
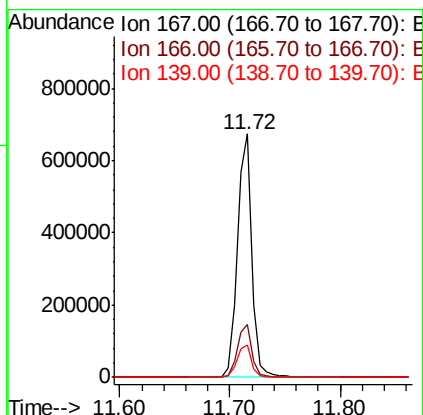
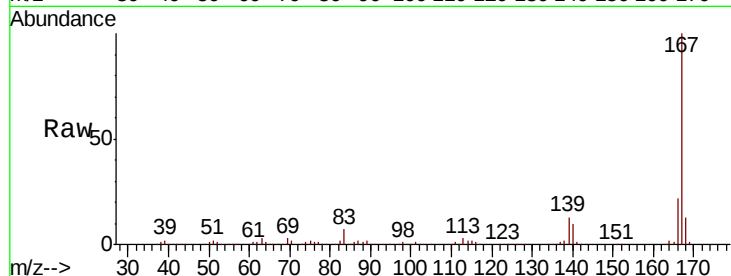




#73
 Carbazole
 Concen: 40.803 ng
 RT: 11.72 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: BF110723.D
 Acq: 13 Nov 2018 17:09

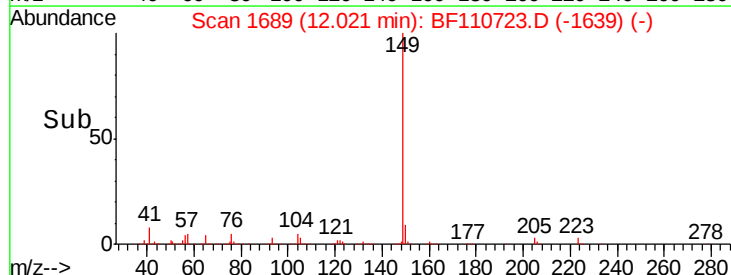
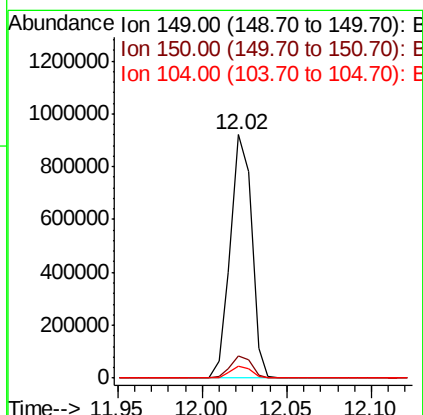
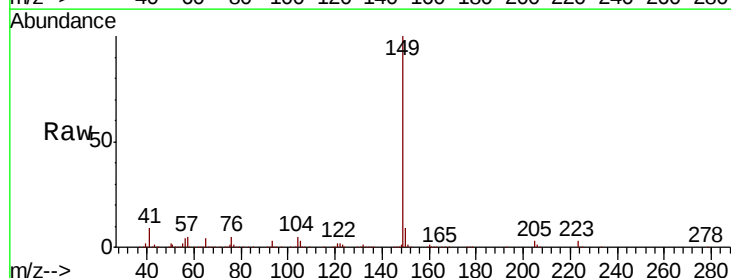
Instrument :
 BNA_F
 ClientSampleId :

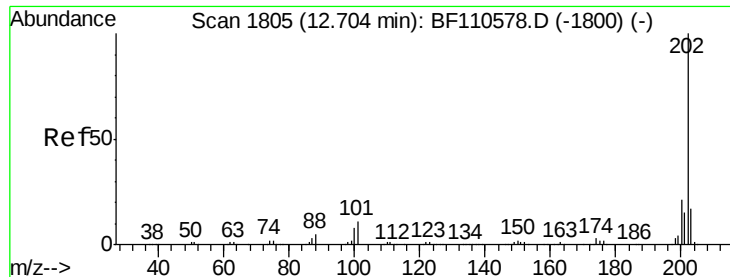
Tot Ion:167 Resp: 615431
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.0
 139 13.1 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 45.902 ng
 RT: 12.02 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BF110723.D
 Acq: 13 Nov 2018 17:09

Tgt Ion:149 Resp: 811892
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.7 11.5
 104 5.2 4.2 6.4

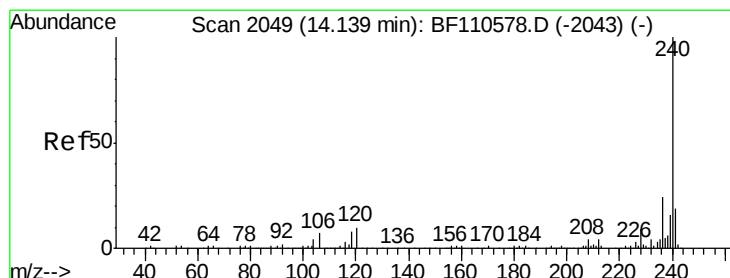
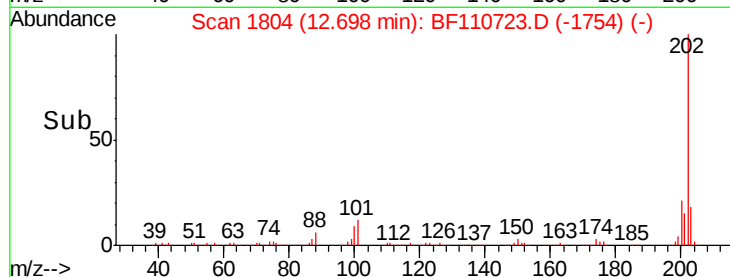
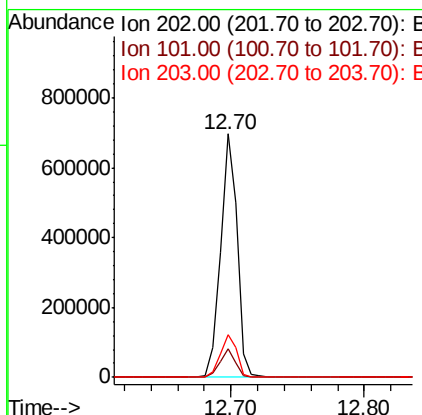
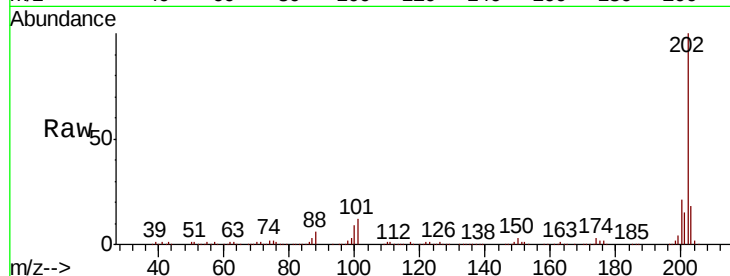




#75
 Fluoranthene
 Concen: 39.268 ng
 RT: 12.70 min Scan# 1804
 Delta R.T. -0.01 min
 Lab File: BF110723.D
 Acq: 13 Nov 2018 17:09

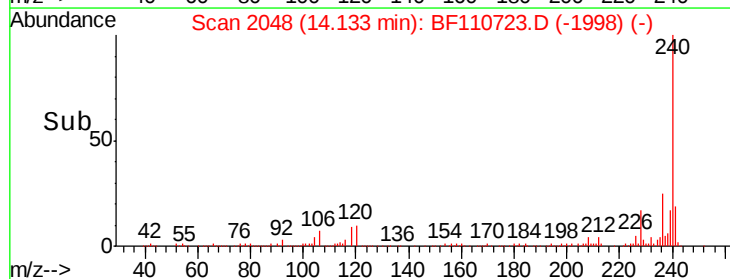
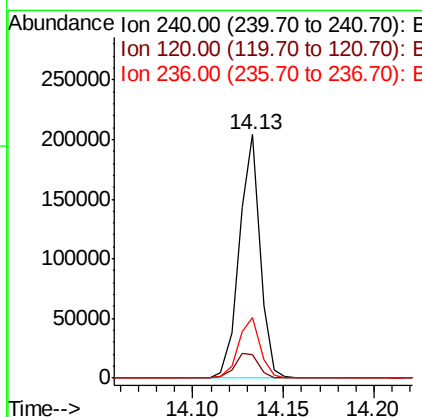
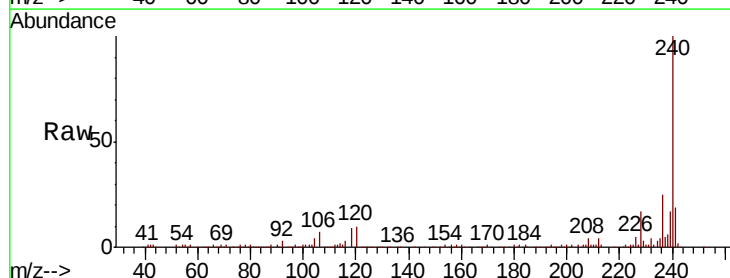
Instrument :
 BNA_F
 ClientSampleId :

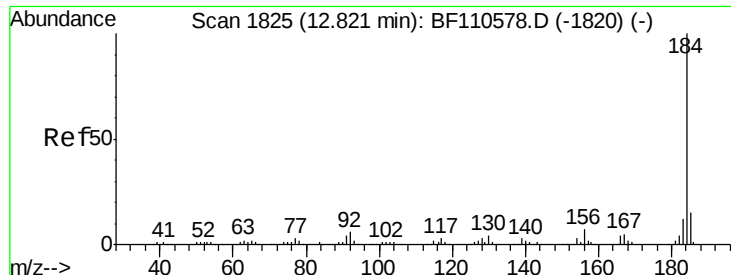
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	31.4
203	17.7	0.0	37.7



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: BF110723.D
 Acq: 13 Nov 2018 17:09

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.5	8.3	12.5
236	24.6	21.2	31.8





#77

Benzidine

Concen: 17.293 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF110723.D

Acq: 13 Nov 2018 17:09

Instrument :

BNA_F

ClientSampleId :

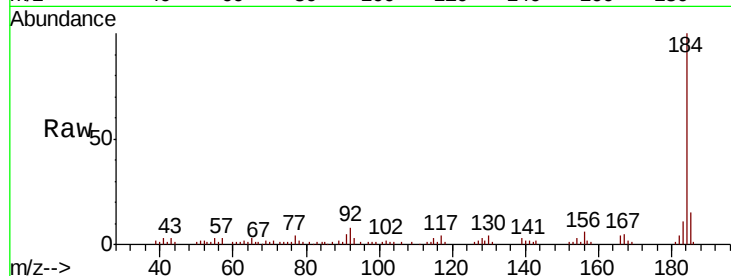
Tot Ion:184 Resp: 77145

Ion Ratio Lower Upper

184 100

185 14.6 13.4 20.2

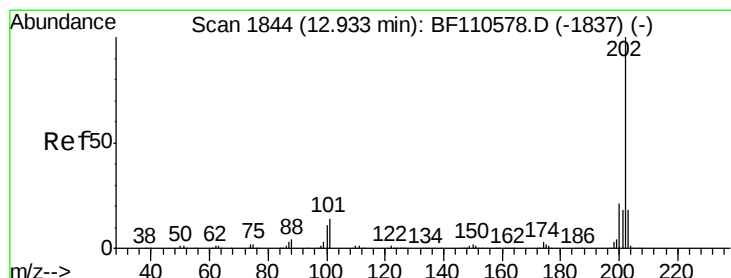
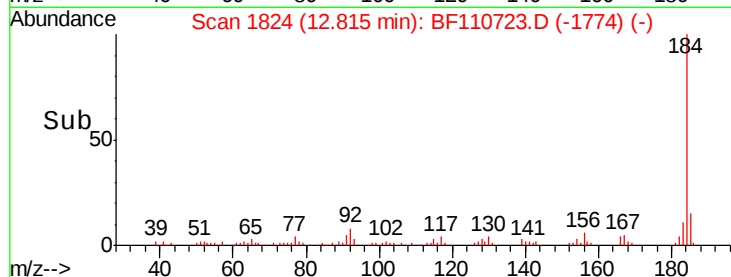
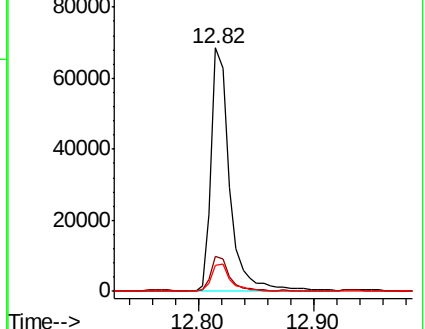
183 10.9 9.4 14.2



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: 47.214 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.00 min

Lab File: BF110723.D

Acq: 13 Nov 2018 17:09

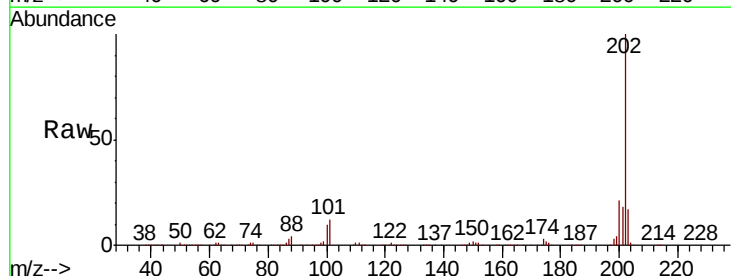
Tgt Ion:202 Resp: 589717

Ion Ratio Lower Upper

202 100

200 21.3 17.8 26.6

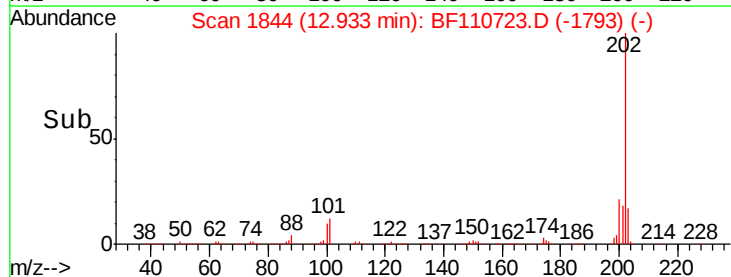
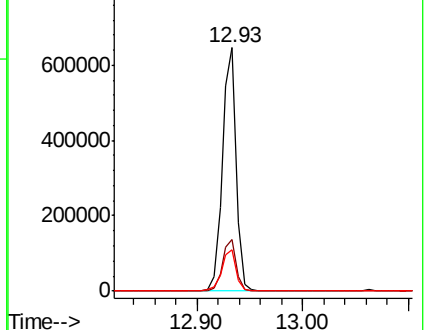
203 17.1 14.2 21.4

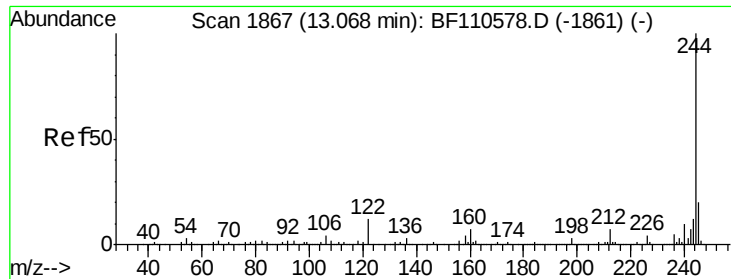


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 85.894 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110723.D

Acq: 13 Nov 2018 17:09

Instrument :

BNA_F

ClientSampled :

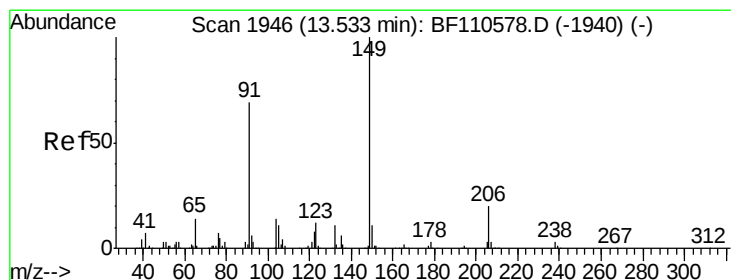
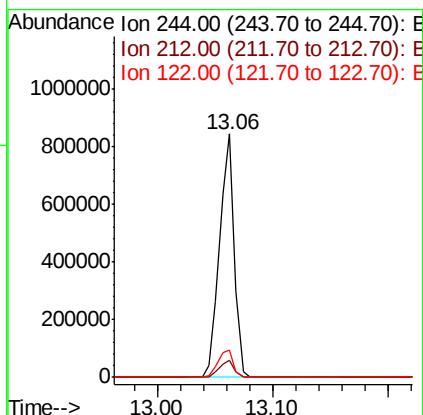
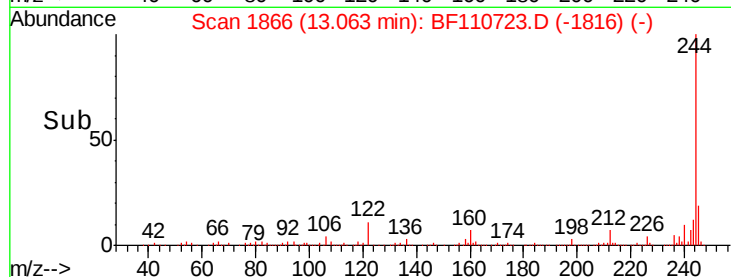
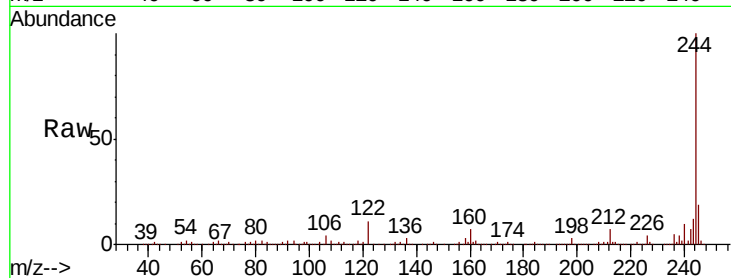
Tot Ion:244 Resp: 744013

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

122 11.3 8.7 13.1



#80

Butylbenzylphthalate

Concen: 47.147 ng

RT: 13.53 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BF110723.D

Acq: 13 Nov 2018 17:09

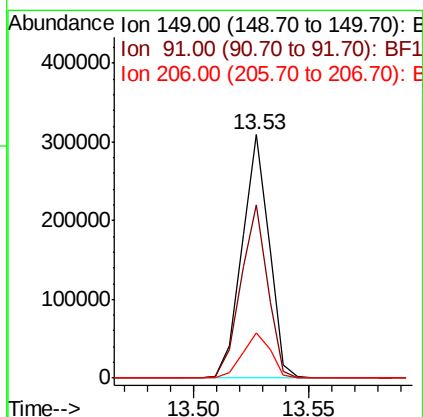
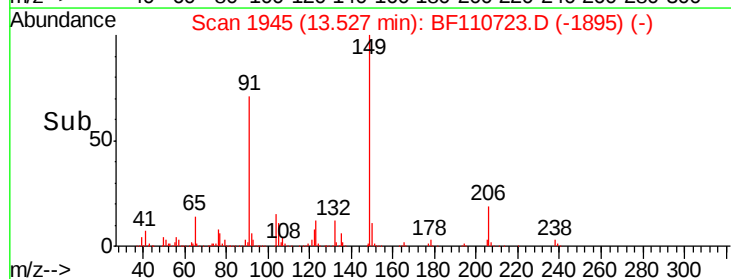
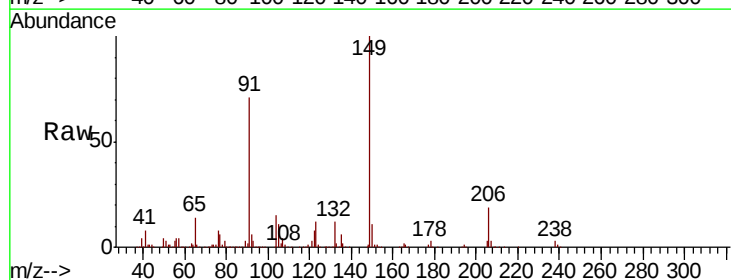
Tgt Ion:149 Resp: 253460

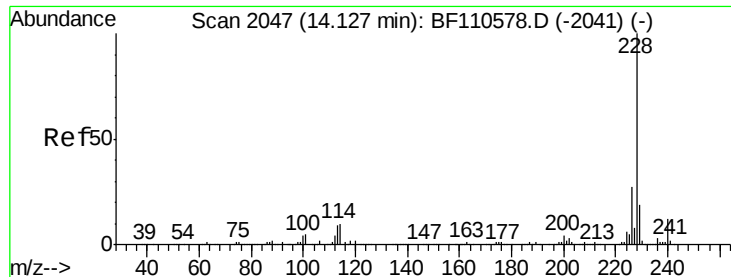
Ion Ratio Lower Upper

149 100

91 71.2 57.2 85.8

206 18.7 15.7 23.5

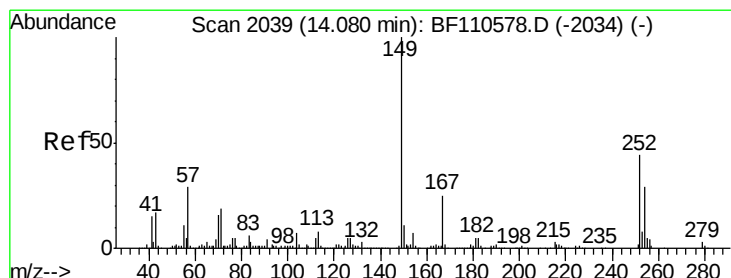
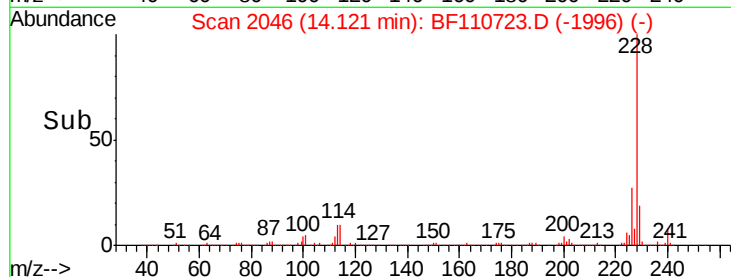
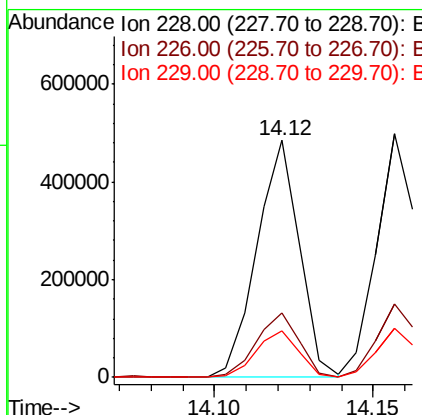
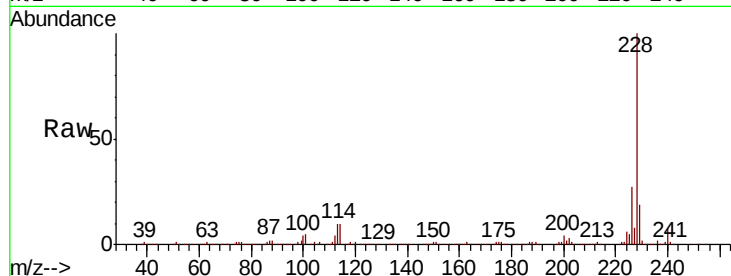




#81
Benzo(a)anthracene
Concen: 46.585 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BF110723.D
Acq: 13 Nov 2018 17:09

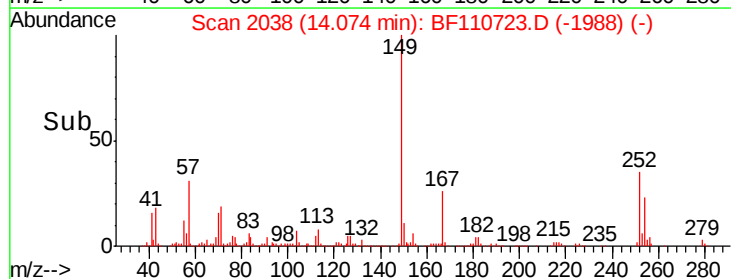
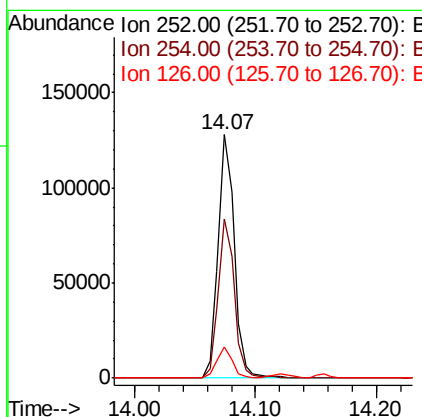
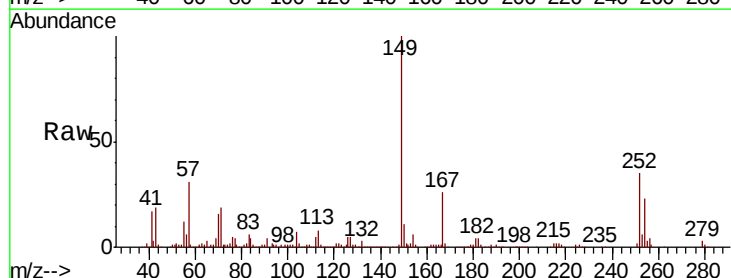
Instrument :
BNA_F
ClientSampleId :

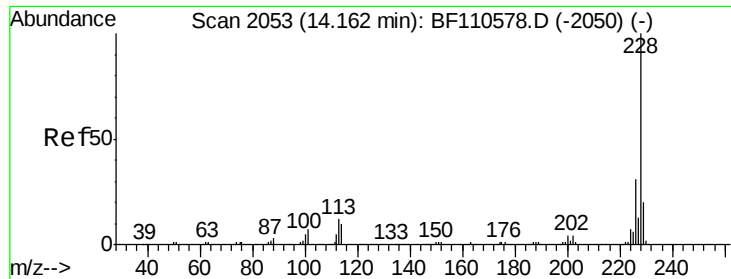
Tot Ion:228 Resp: 451681
Ion Ratio Lower Upper
228 100
226 27.2 22.1 33.1
229 19.4 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 36.301 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF110723.D
Acq: 13 Nov 2018 17:09

Tgt Ion:252 Resp: 117908
Ion Ratio Lower Upper
252 100
254 65.6 51.3 76.9
126 13.0 9.4 14.2





#83

Chrysene

Concen: 46.065 ng

RT: 14.16 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BF110723.D

Acq: 13 Nov 2018 17:09

Instrument :

BNA_F

ClientSampleId :

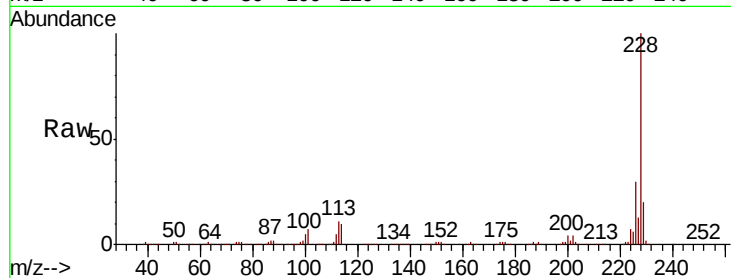
Tot Ion:228 Resp: 425516

Ion Ratio Lower Upper

228 100

226 29.9 24.7 37.1

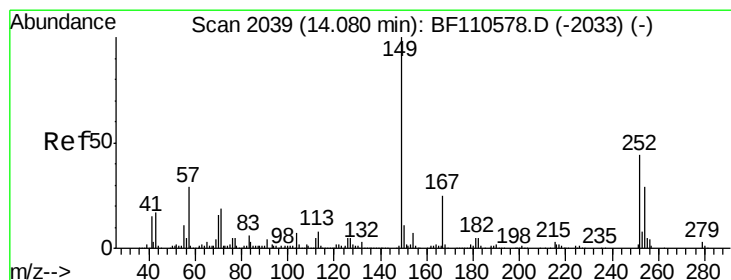
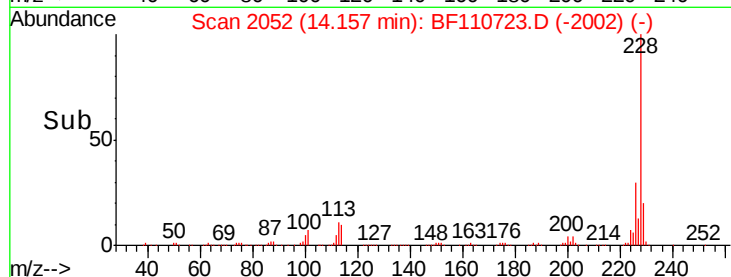
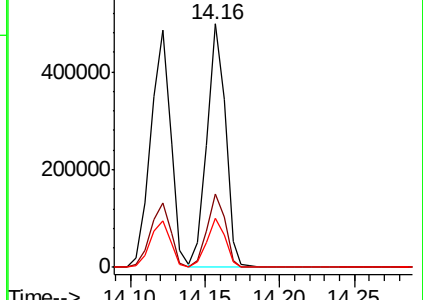
229 20.3 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.759 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF110723.D

Acq: 13 Nov 2018 17:09

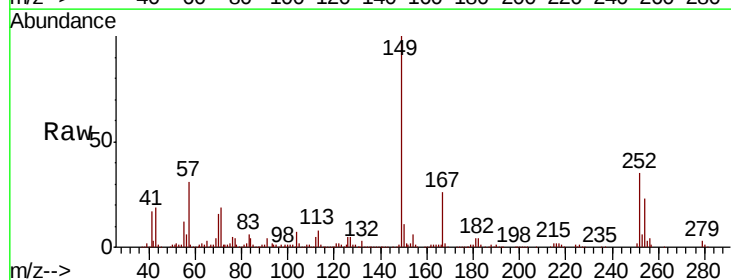
Tgt Ion:149 Resp: 325176

Ion Ratio Lower Upper

149 100

167 25.7 19.8 29.8

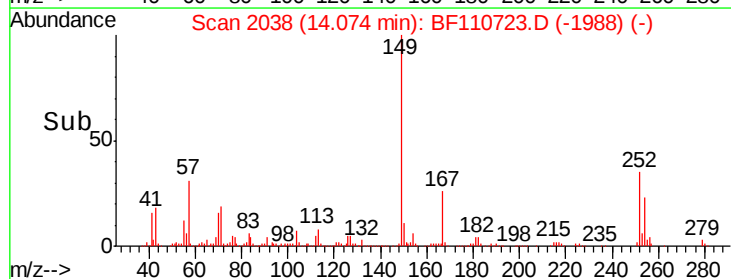
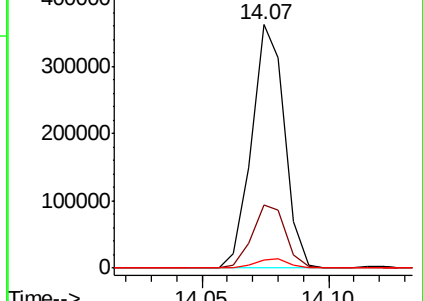
279 3.3 2.7 4.1

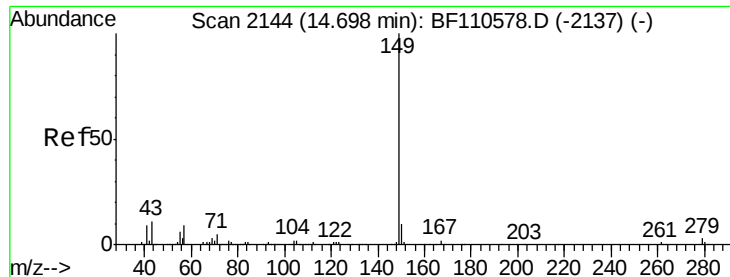


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 56.183 ng

RT: 14.69 min Scan# 2143

Delta R.T. -0.01 min

Lab File: BF110723.D

Acq: 13 Nov 2018 17:09

Instrument :

BNA_F

ClientSampleId :

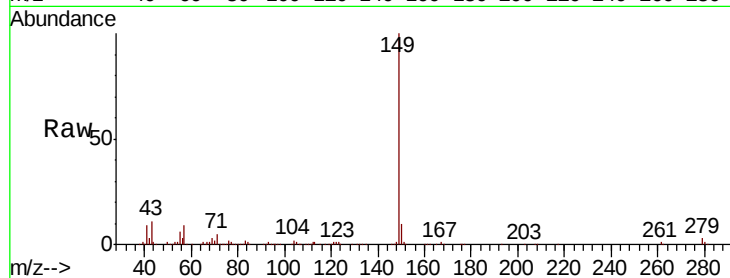
Tot Ion:149 Resp: 550989

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

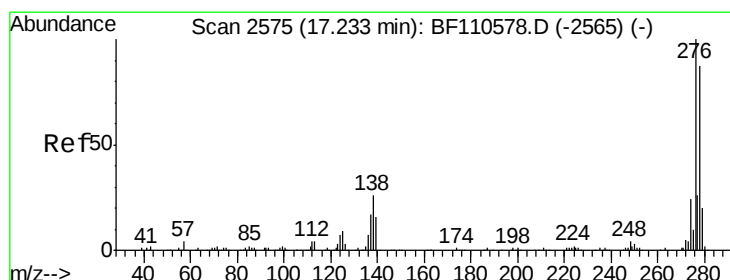
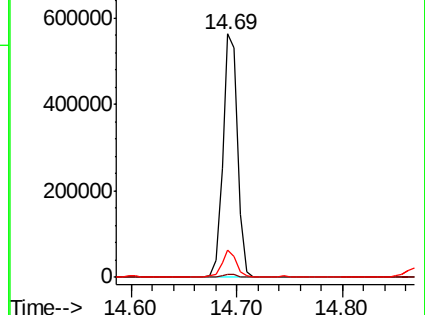
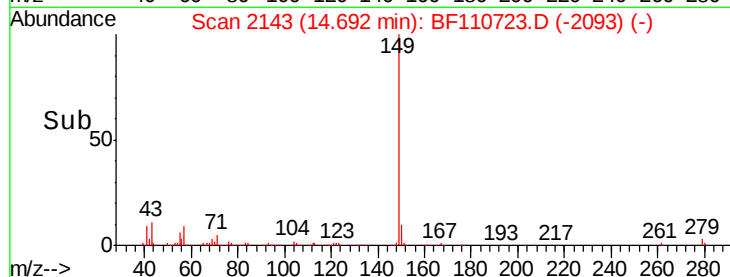
43 10.2 7.8 11.8



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: 76.975 ng

RT: 17.24 min Scan# 2576

Delta R.T. 0.01 min

Lab File: BF110723.D

Acq: 13 Nov 2018 17:09

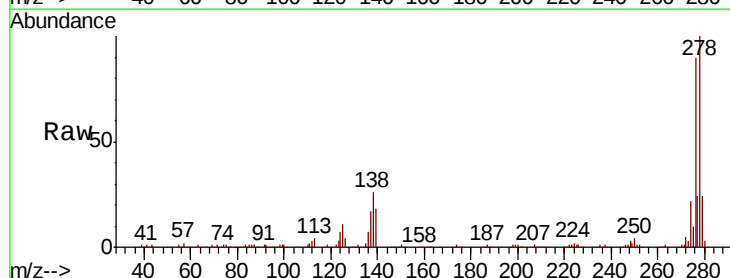
Tgt Ion:276 Resp: 510242

Ion Ratio Lower Upper

276 100

138 26.2 18.5 27.7

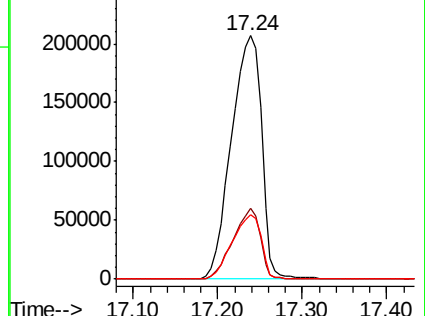
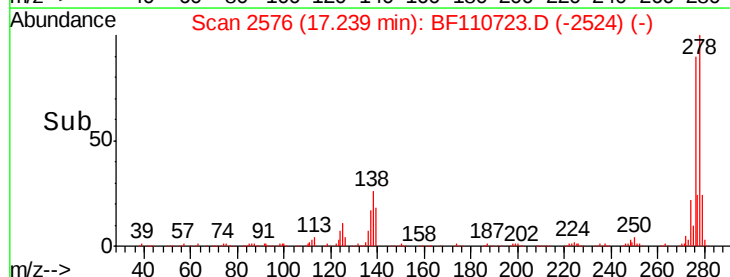
277 25.5 20.0 30.0

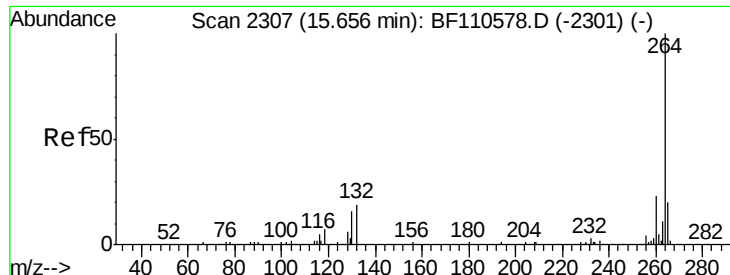


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

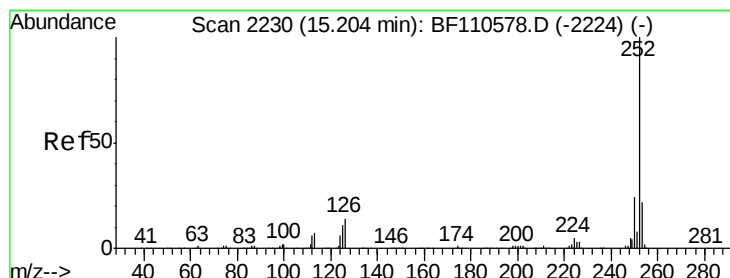
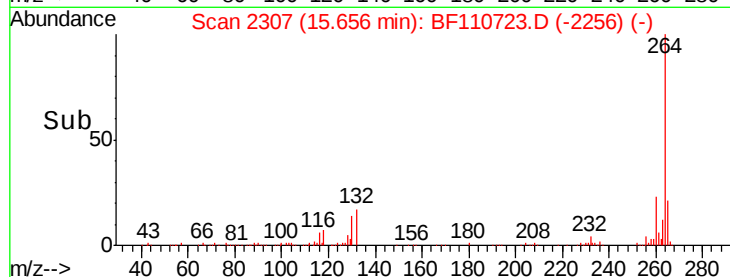
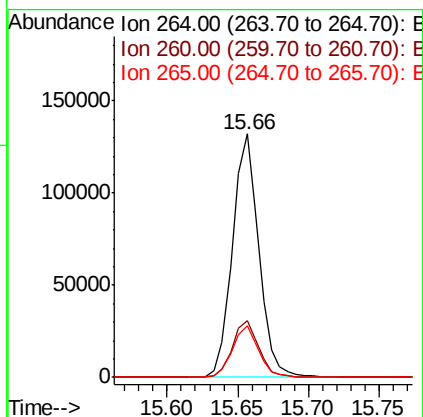
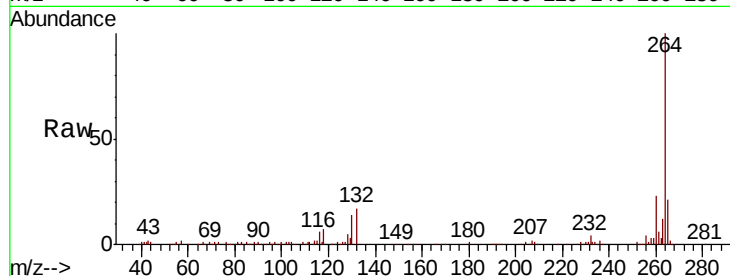




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110723.D
Acq: 13 Nov 2018 17:09

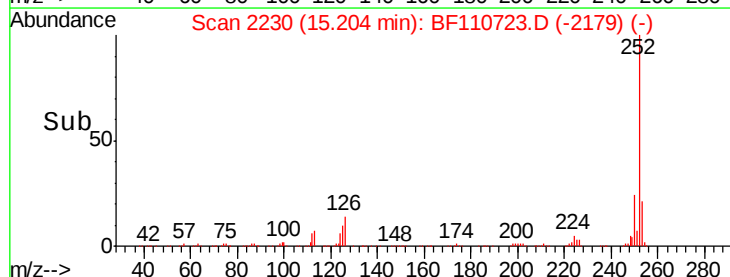
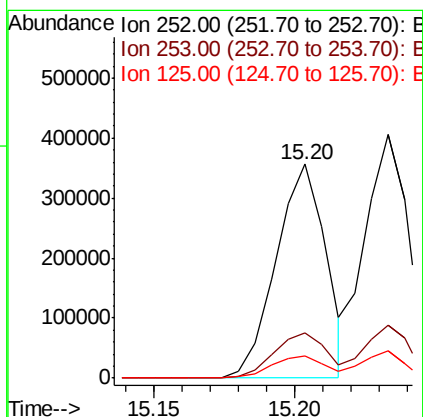
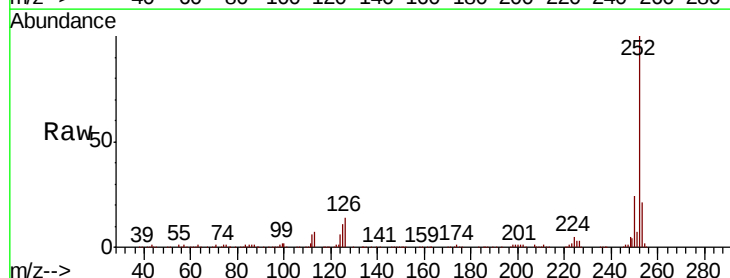
Instrument :
BNA_F
ClientSampleId :

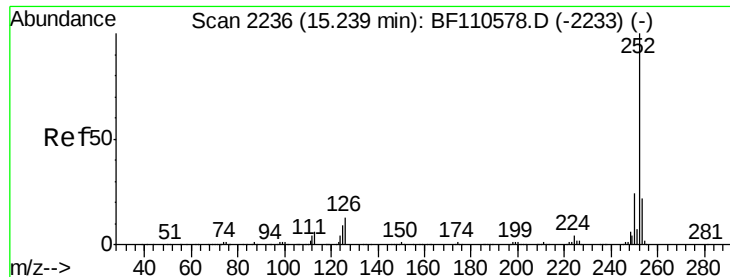
Tot Ion:264 Resp: 171371
Ion Ratio Lower Upper
264 100
260 23.4 18.7 28.1
265 21.4 16.7 25.1



#88
Benzo(b)fluoranthene
Concen: 42.522 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.00 min
Lab File: BF110723.D
Acq: 13 Nov 2018 17:09

Tgt Ion:252 Resp: 435934
Ion Ratio Lower Upper
252 100
253 21.1 17.2 25.8
125 10.6 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 43.650 ng

RT: 15.23 min Scan# 2235

Delta R.T. -0.01 min

Lab File: BF110723.D

Acq: 13 Nov 2018 17:09

Instrument :

BNA_F

ClientSampleId :

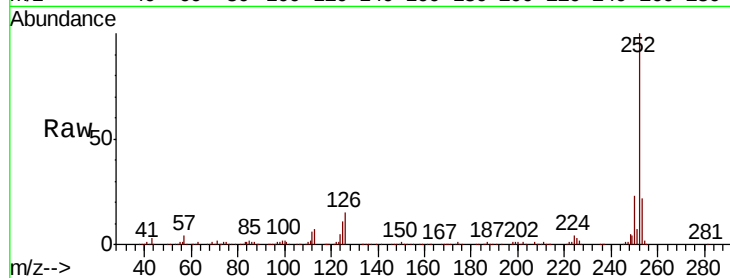
Tot Ion:252 Resp: 442186

Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

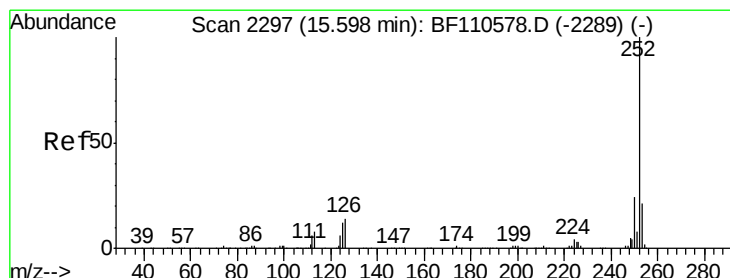
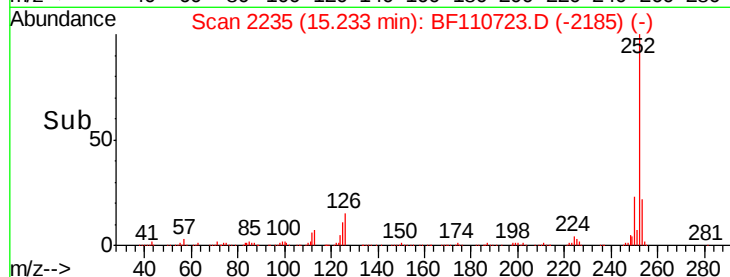
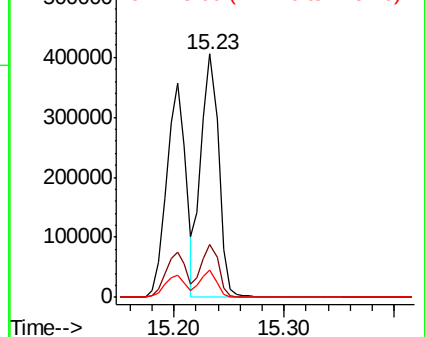
125 11.0 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 47.314 ng

RT: 15.59 min Scan# 2296

Delta R.T. -0.01 min

Lab File: BF110723.D

Acq: 13 Nov 2018 17:09

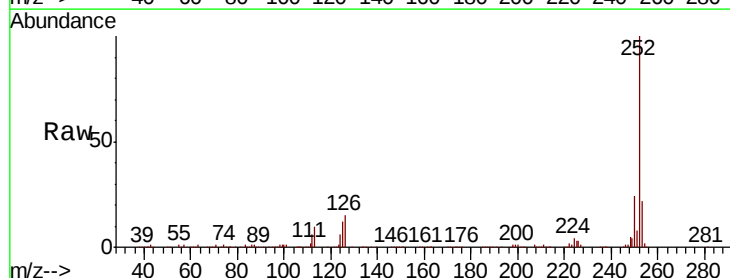
Tgt Ion:252 Resp: 440716

Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.4

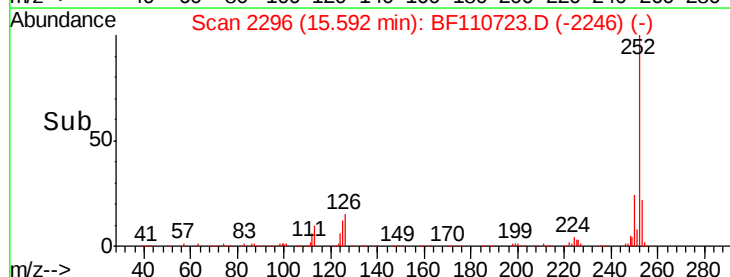
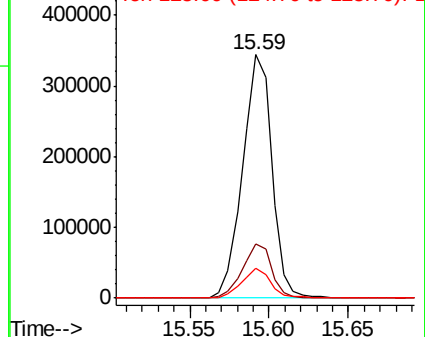
125 12.2 9.0 13.6

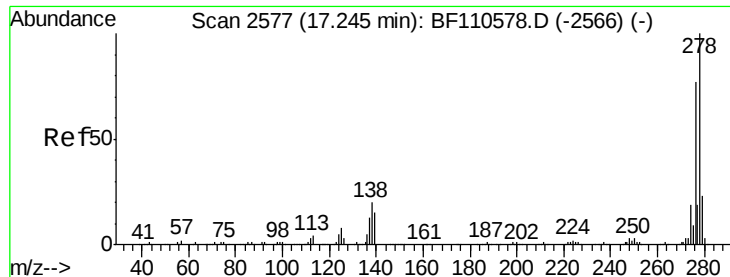


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

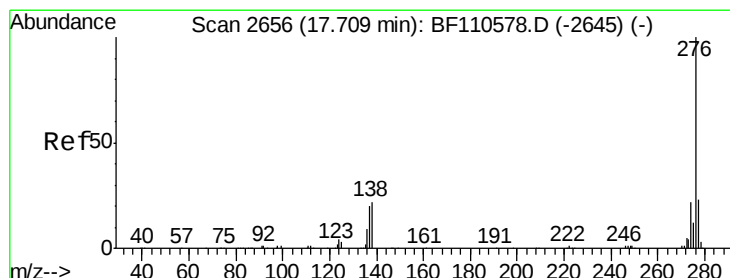
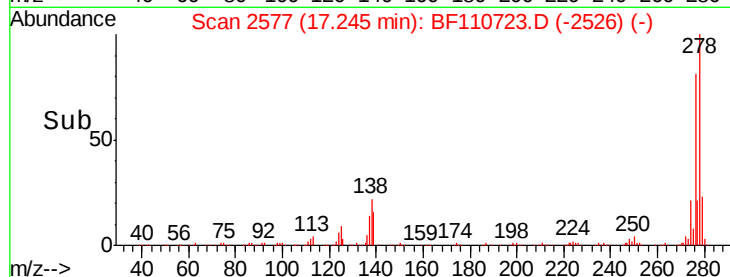
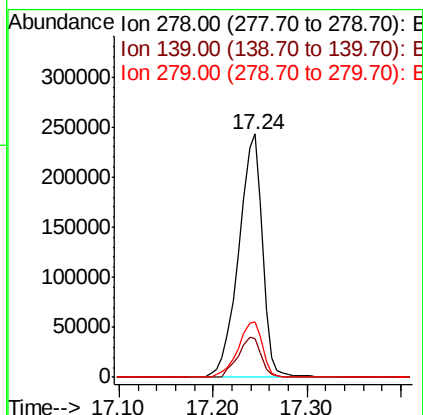
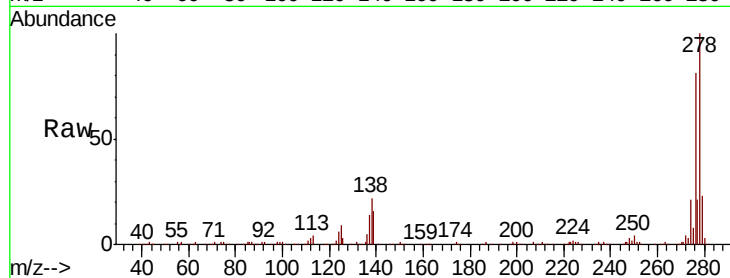




#91
Dibenzo(a,h)anthracene
Concen: 54.148 ng
RT: 17.24 min Scan# 2577
Delta R.T. 0.00 min
Lab File: BF110723.D
Acq: 13 Nov 2018 17:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.8	12.7	19.1
279	23.0	19.0	28.4



#92
Benzo(g,h,i)perylene
Concen: 52.852 ng
RT: 17.71 min Scan# 2656
Delta R.T. -0.00 min
Lab File: BF110723.D
Acq: 13 Nov 2018 17:09

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.8	28.2
138	22.6	16.0	24.0

