

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
 Data File : BF108634.D
 Acq On : 30 Aug 2018 11:40
 Operator : JU/SJ
 Sample : SSTDICC025
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 30 12:40:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 30 12:33:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	129110	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	542512	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	285378	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	614976	20.00	ng	0.00
75) Chrysene-d12	14.20	240	495974	20.00	ng	0.00
86) Perylene-d12	15.75	264	361765	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	337723	47.36	ng	0.01
7) Phenol-d6	6.65	99	517167	54.57	ng	0.00
23) Nitrobenzene-d5	7.57	82	538398	55.38	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	190724	67.00	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	1080371	60.78	ng	0.00
78) Terphenyl-d14	13.12	244	1257307	64.45	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.91	88	78351	21.382	ng	92
3) Pyridine	3.71	79	182873	19.373	ng	# 91
4) n-Nitrosodimethylamine	3.67	42	63978	12.045	ng	# 77
6) Aniline	6.68	93	282029	21.879	ng	# 64
8) 2-Chlorophenol	6.80	128	228854	28.493	ng	93
9) Benzaldehyde	6.57	77	174960	23.813	ng	98
10) Phenol	6.66	94	304727	31.087	ng	85
11) bis(2-Chloroethyl)ether	6.74	93	260556	32.878	ng	99
12) 1,3-Dichlorobenzene	6.94	146	258796	27.867	ng	99
13) 1,4-Dichlorobenzene	7.02	146	284704	30.512	ng	98
14) 1,2-Dichlorobenzene	7.17	146	265287	30.566	ng	98
15) Benzyl Alcohol	7.15	79	186672	23.399	ng	88
16) 2,2'-oxybis(1-Chloropropan	7.27	45	420190	25.738	ng	62
17) 2-Methylphenol	7.26	107	180765	26.244	ng	# 75
18) Hexachloroethane	7.51	117	97817	29.446	ng	91
19) n-Nitroso-di-n-propylamine	7.41	70	181013	28.246	ng	91
20) 3+4-Methylphenols	7.42	107	238775	27.052	ng	# 44
22) Acetophenone	7.41	105	338378	26.675	ng	# 89
24) Nitrobenzene	7.59	77	273017	27.770	ng	96
25) Isophorone	7.81	82	447499	24.149	ng	95
26) 2-Nitrophenol	7.90	139	126493	34.070	ng	90
27) 2,4-Dimethylphenol	7.94	122	170756	20.762	ng	95
28) bis(2-Chloroethoxy)methane	8.02	93	277913	25.690	ng	99
29) 2,4-Dichlorophenol	8.15	162	209665	27.701	ng	98
30) 1,2,4-Trichlorobenzene	8.22	180	237419	28.451	ng	98
31) Naphthalene	8.31	128	690305	27.979	ng	99
32) Benzoic acid	8.07	122	79431	18.212	ng	93
33) 4-Chloroaniline	8.37	127	289356	26.912	ng	98
34) Hexachlorobutadiene	8.41	225	154865	29.315	ng	98
35) Caprolactam	8.73	113	57736	24.342	ng	# 84
36) 4-Chloro-3-methylphenol	8.85	107	227236	27.830	ng	98
37) 2-Methylnaphthalene	9.00	142	442900	25.372	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	254297	29.017	ng	97
40) Hexachlorocyclopentadiene	9.14	237	77185	13.636	ng	95

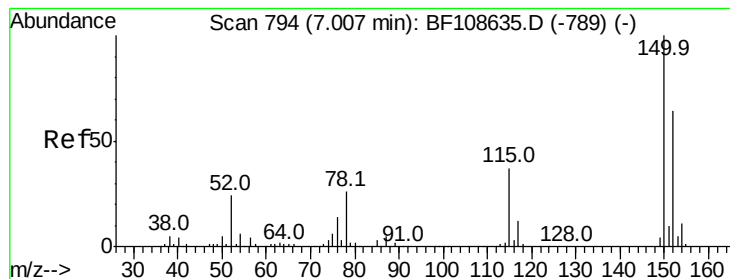
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
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 QLast Update : Thu Aug 30 12:33:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	154322	28.377	ng	99
43) 2,4,5-Trichlorophenol	9.33	196	172883	28.878	ng	94
45) 1,1'-Biphenyl	9.46	154	628316	29.862	ng	97
46) 2-Chloronaphthalene	9.49	162	488485	29.374	ng	99
47) 2-Nitroaniline	9.60	65	163532	30.392	ng	92
48) Acenaphthylene	9.91	152	724928	27.573	ng	99
49) Dimethylphthalate	9.76	163	565519	28.448	ng	# 99
50) 2,6-Dinitrotoluene	9.83	165	126239	30.353	ng	91
51) Acenaphthene	10.08	154	419463	26.049	ng	100
52) 3-Nitroaniline	10.02	138	135196	29.710	ng	94
53) 2,4-Dinitrophenol	10.12	184	39010	29.844	ng	# 36
54) Dibenzofuran	10.25	168	679586	29.130	ng	98
55) 4-Nitrophenol	10.20	139	60279	17.493	ng	85
56) 2,4-Dinitrotoluene	10.24	165	170943	31.931	ng	# 93
57) Fluorene	10.60	166	520123	28.163	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.38	232	156691	31.315	ng	# 82
59) Diethylphthalate	10.45	149	569276	29.574	ng	96
60) 4-Chlorophenyl-phenylether	10.58	204	294071	30.558	ng	90
61) 4-Nitroaniline	10.64	138	131464	29.221	ng	91
62) Azobenzene	10.74	77	561012	28.221	ng	93
64) 4,6-Dinitro-2-methylphenol	10.65	198	63672	30.039	ng	88
65) n-Nitrosodiphenylamine	10.71	169	513794	28.272	ng	95
66) 4-Bromophenyl-phenylether	11.08	248	189635	28.375	ng	# 86
67) Hexachlorobenzene	11.14	284	202890	28.853	ng	# 88
68) Atrazine	11.23	200	163428	26.812	ng	93
69) Pentachlorophenol	11.35	266	112252	33.352	ng	98
70) Phenanthrene	11.57	178	785270	27.072	ng	99
71) Anthracene	11.62	178	820412	27.596	ng	99
72) Carbazole	11.78	167	798895	30.245	ng	99
73) Di-n-butylphthalate	12.08	149	914916	30.580	ng	99
74) Fluoranthene	12.76	202	884751	27.948	ng	96
76) Benzidine	12.90	184	339804	18.337	ng	100
77) Pyrene	13.00	202	905495	28.837	ng	99
79) Butylbenzylphthalate	13.59	149	385748	30.938	ng	98
80) Benzo(a)anthracene	14.19	228	745630	26.196	ng	99
81) 3,3'-Dichlorobenzidine	14.15	252	290547	28.483	ng	# 98
82) Chrysene	14.22	228	719159	27.559	ng	99
83) Bis(2-ethylhexyl)phthalate	14.14	149	486865	28.835	ng	100
84) Di-n-octyl phthalate	14.76	149	721598	28.022	ng	97
85) Indeno(1,2,3-cd)pyrene	17.37	276	436076	19.286	ng	# 89
87) Benzo(b)fluoranthene	15.28	252	557633	25.796	ng	# 96
88) Benzo(k)fluoranthene	15.32	252	554359	27.898	ng	# 95
89) Benzo(a)pyrene	15.69	252	492039	25.419	ng	# 96
90) Dibenzo(a,h)anthracene	17.38	278	367053	22.917	ng	# 93
91) Benzo(g,h,i)perylene	17.87	276	354303	22.465	ng	# 89

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

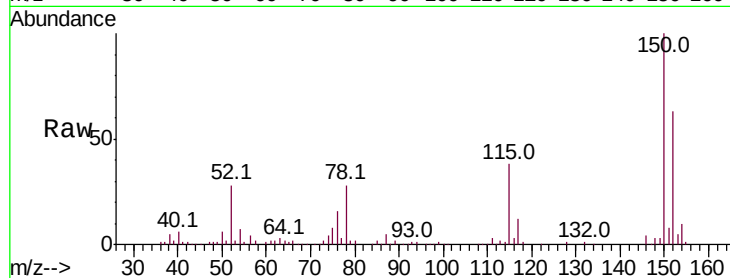


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108634.D
Acq: 30 Aug 2018 11:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	124.6	186.8
115	59.4	50.1	75.1

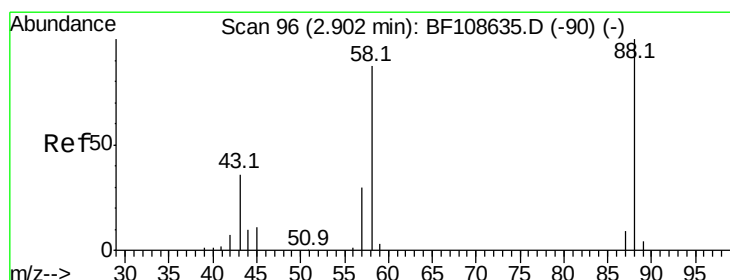
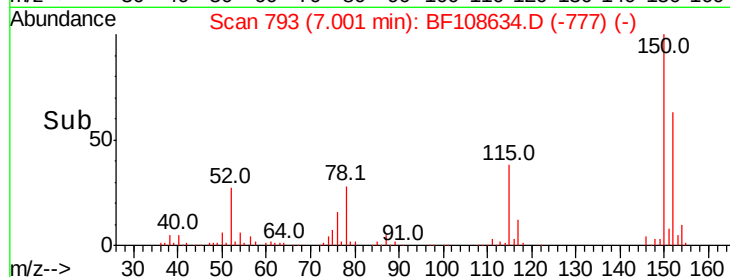
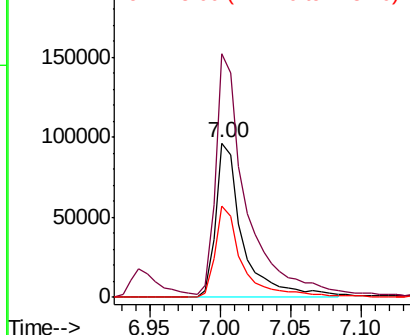


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

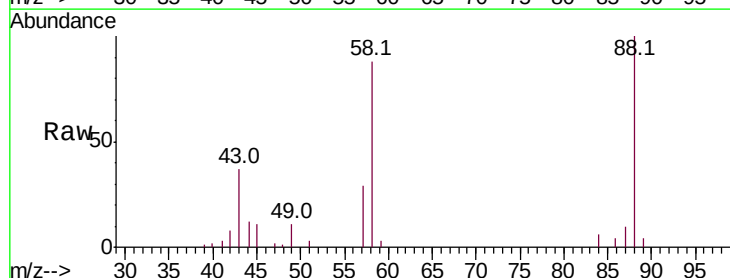
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 21.382 ng
RT: 2.91 min Scan# 97
Delta R.T. 0.01 min
Lab File: BF108634.D
Acq: 30 Aug 2018 11:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.3	62.6	93.8
43	36.9	24.6	37.0

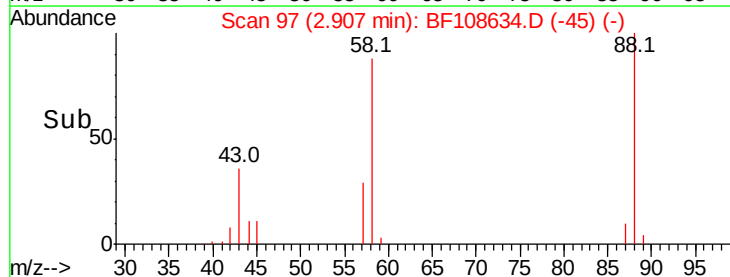
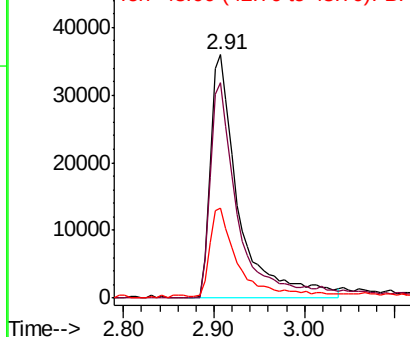


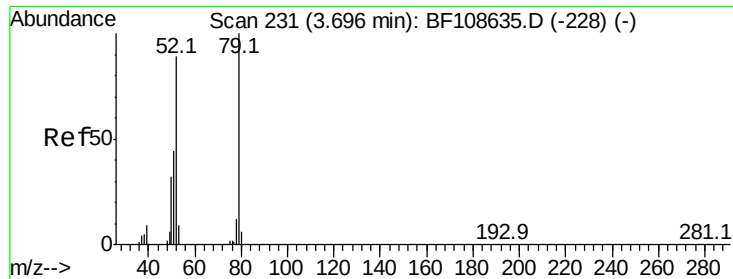
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

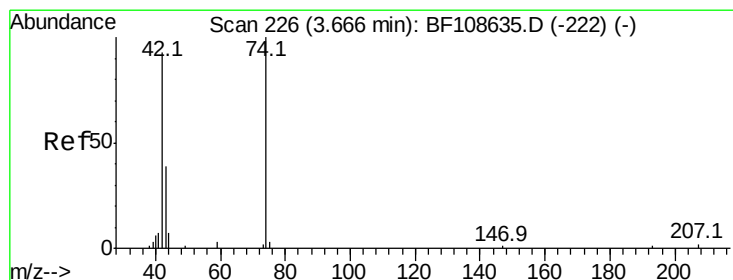
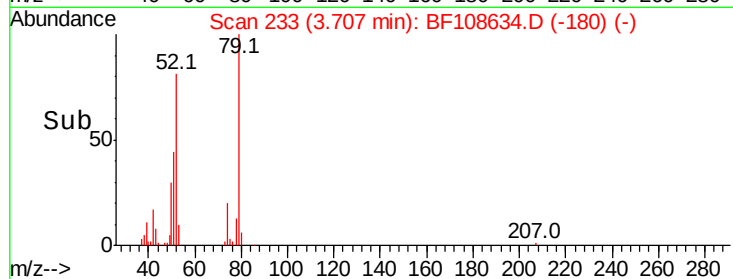
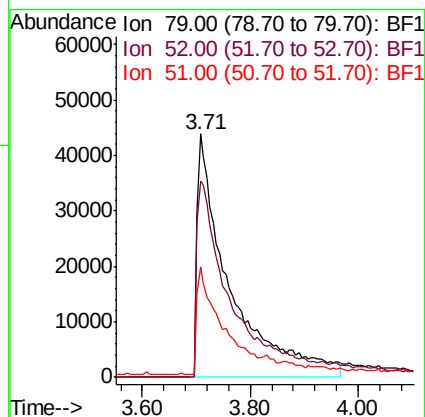
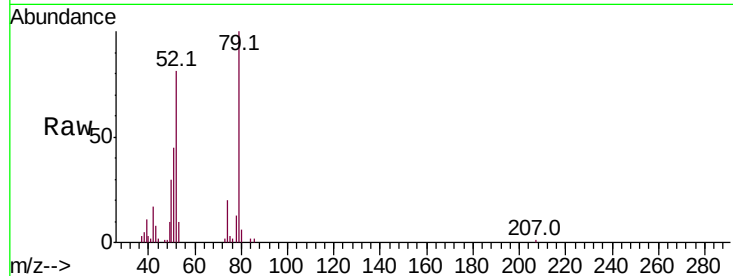




#3
 Pvridine
 Concen: 19.373 ng
 RT: 3.71 min Scan# 233
 Delta R.T. 0.01 min
 Lab File: BF108634.D
 Acq: 30 Aug 2018 11:40

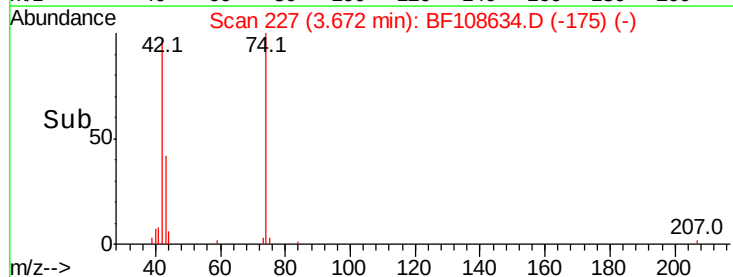
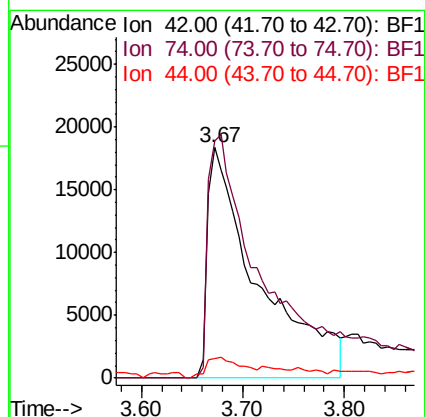
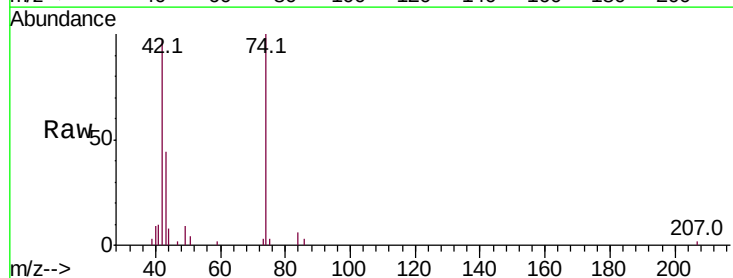
Instrument :
 BNA_F
 ClientSampleId :

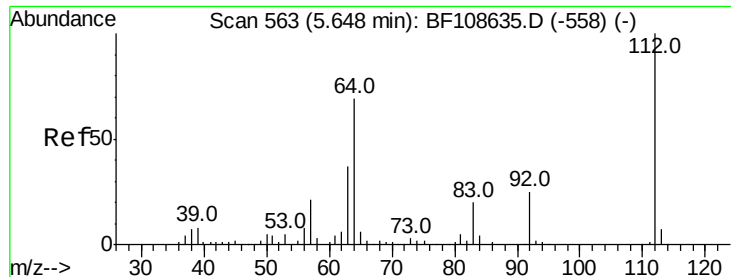
Tot Ion: 79 Resp: 182873
 Ion Ratio Lower Upper
 79 100
 52 80.7 59.8 89.6
 51 45.4 29.8 44.8#



#4
 n-Nitrosodimethylamine
 Concen: 12.045 ng
 RT: 3.67 min Scan# 227
 Delta R.T. 0.01 min
 Lab File: BF108634.D
 Acq: 30 Aug 2018 11:40

Tgt Ion: 42 Resp: 63978
 Ion Ratio Lower Upper
 42 100
 74 103.0 104.9 157.3#
 44 8.7 6.9 10.3





#5

2-Fluorophenol

Concen: 47.357 ng

RT: 5.66 min Scan# 565

Delta R.T. 0.01 min

Lab File: BF108634.D

Acq: 30 Aug 2018 11:40

Instrument :

BNA_F

ClientSampleId :

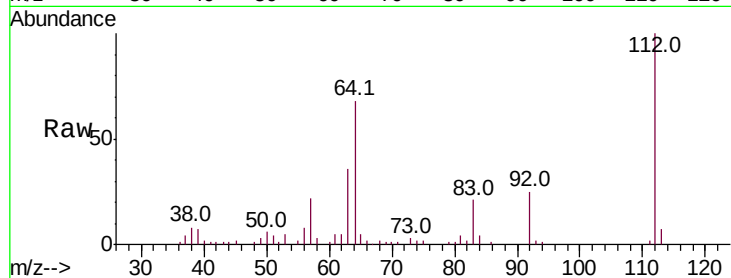
Tot Ion:112 Resp: 337723

Ion Ratio Lower Upper

112 100

64 67.5 47.9 71.9

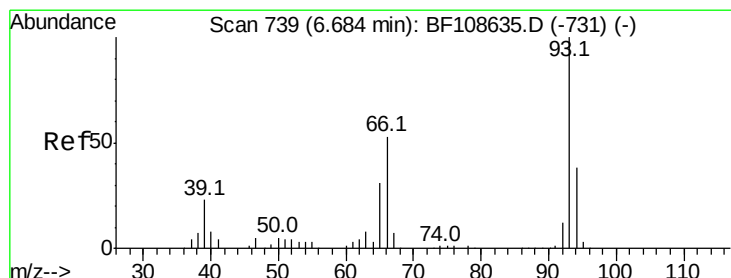
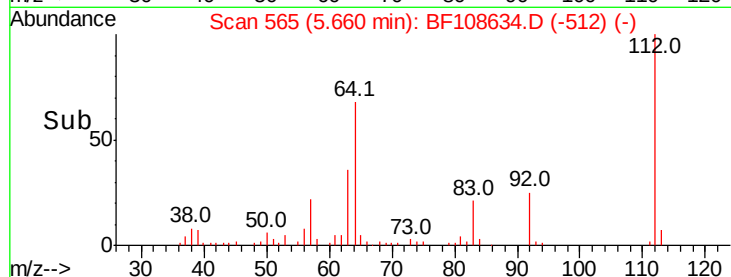
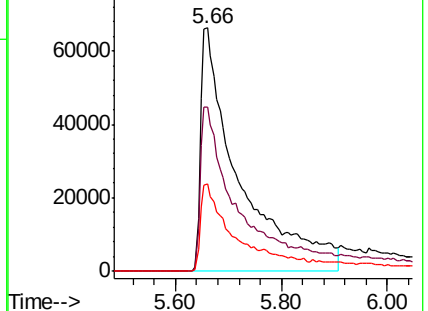
63 35.9 23.7 35.5#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 21.879 ng

RT: 6.68 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF108634.D

Acq: 30 Aug 2018 11:40

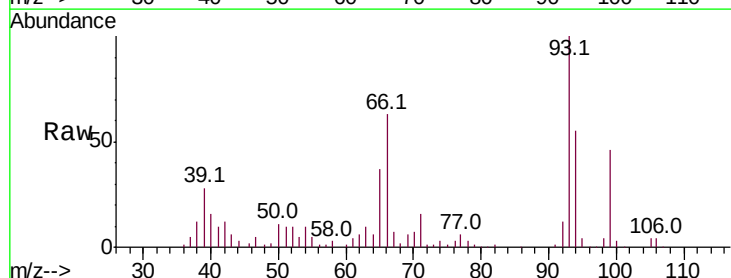
Tgt Ion: 93 Resp: 282029

Ion Ratio Lower Upper

93 100

66 62.8 32.2 48.2#

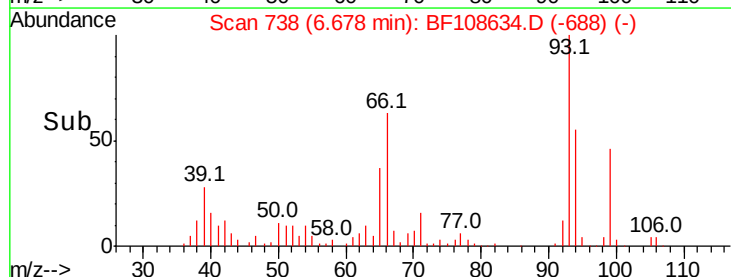
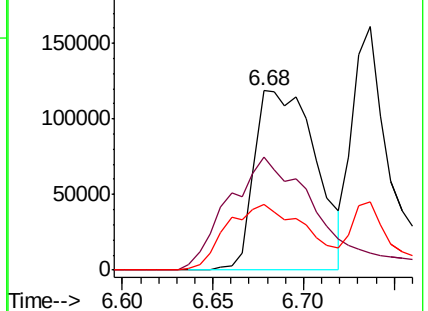
65 36.8 16.4 24.6#

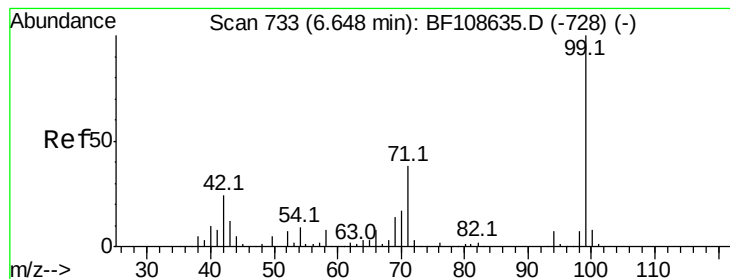


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 54.573 ng

RT: 6.65 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF108634.D

Acq: 30 Aug 2018 11:40

Instrument :

BNA_F

ClientSampleId :

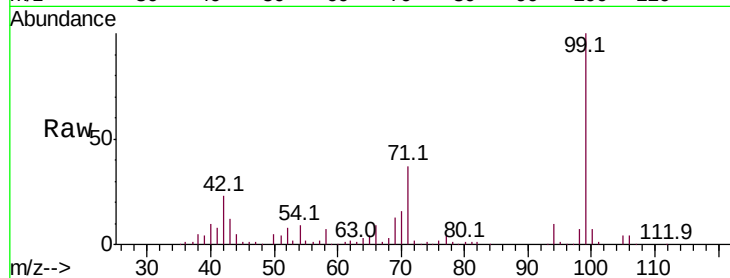
Tot Ion: 99 Resp: 517167

Ion Ratio Lower Upper

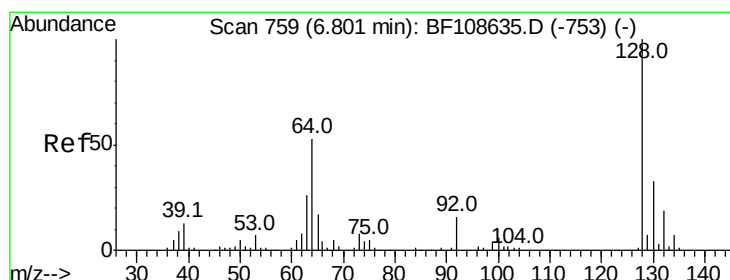
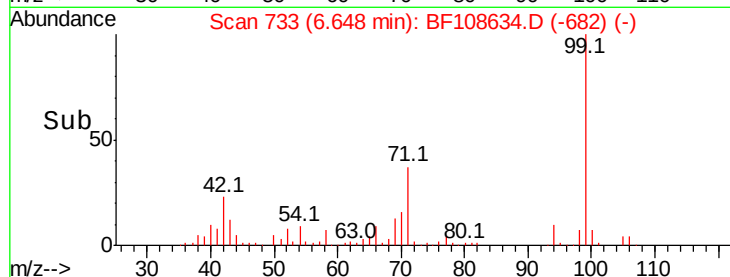
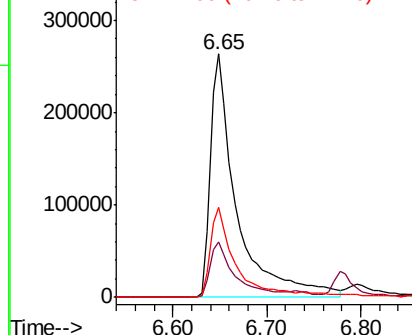
99 100

42 22.8 14.5 21.7#

71 36.8 25.4 38.0



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: 28.493 ng

RT: 6.80 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF108634.D

Acq: 30 Aug 2018 11:40

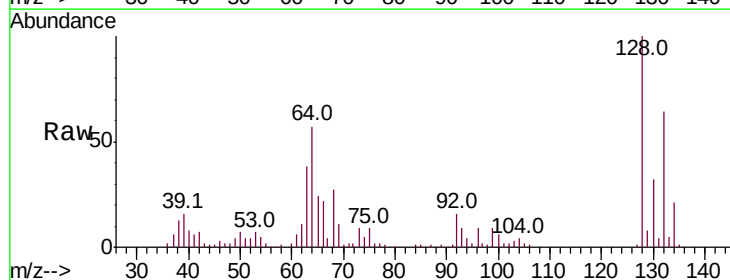
Tgt Ion: 128 Resp: 228854

Ion Ratio Lower Upper

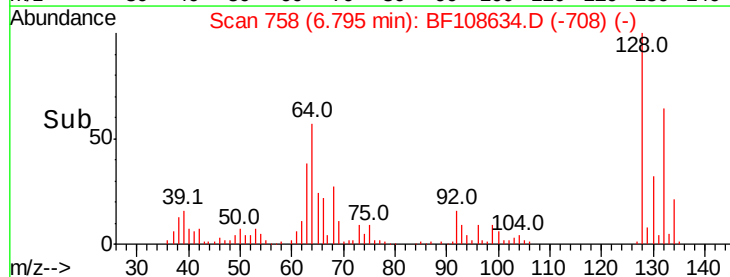
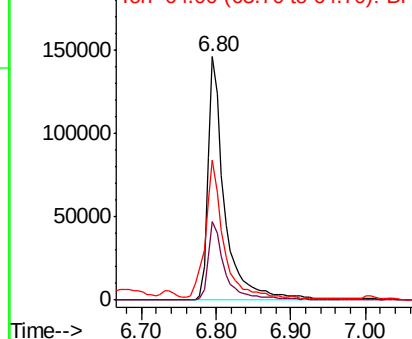
128 100

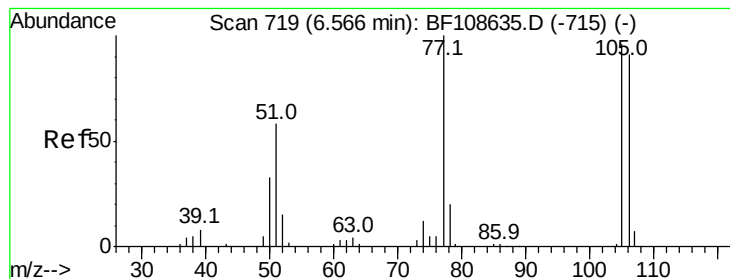
130 32.5 13.0 53.0

64 57.4 29.4 69.4



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: 23.813 ng

RT: 6.57 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF108634.D

Acq: 30 Aug 2018 11:40

Instrument :

BNA_F

ClientSampled :

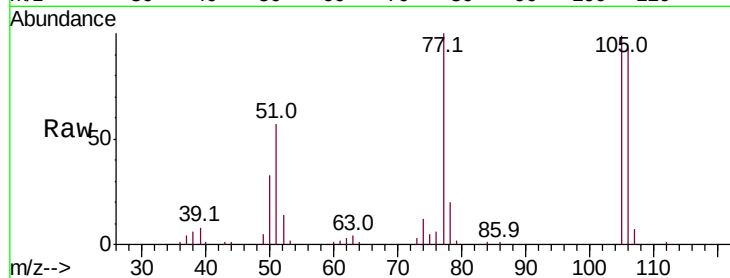
Tot Ion: 77 Resp: 174960

Ion Ratio Lower Upper

77 100

105 98.7 81.1 121.1

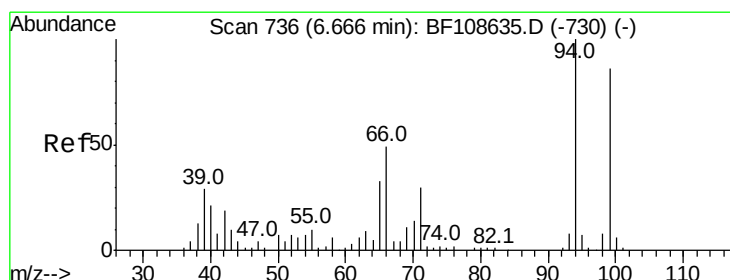
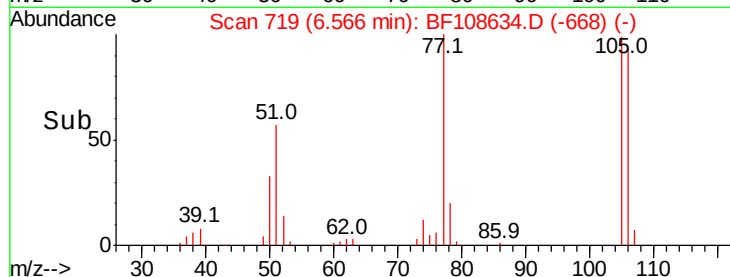
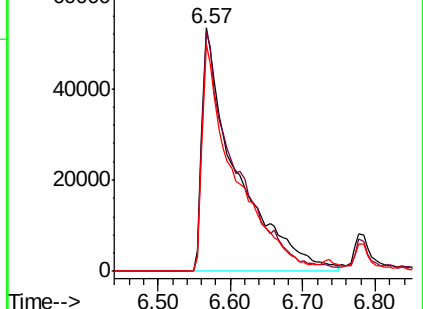
106 93.2 74.5 114.5



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: 31.087 ng

RT: 6.66 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF108634.D

Acq: 30 Aug 2018 11:40

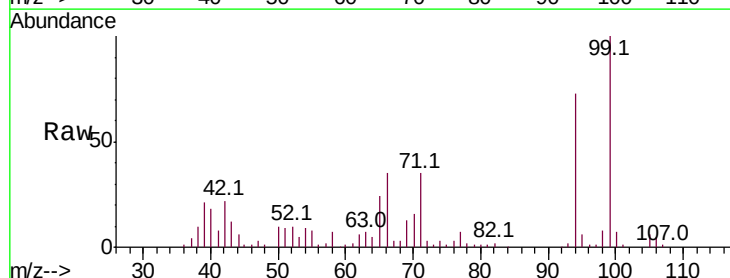
Tgt Ion: 94 Resp: 304727

Ion Ratio Lower Upper

94 100

65 32.8 7.9 47.9

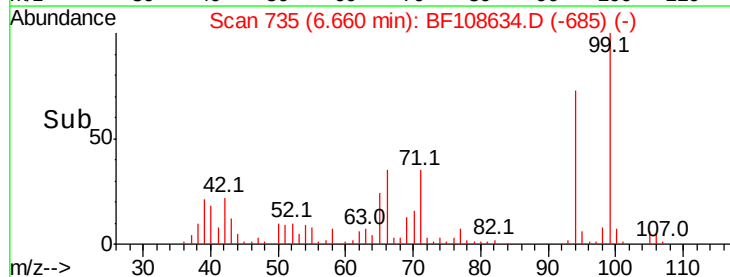
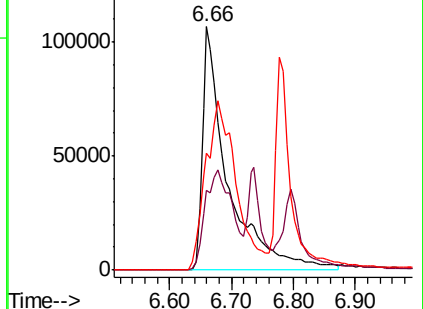
66 48.1 16.2 56.2

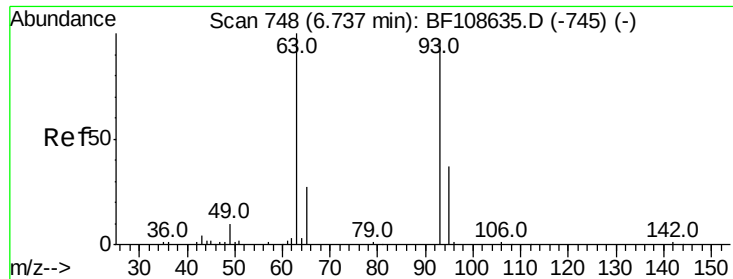


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

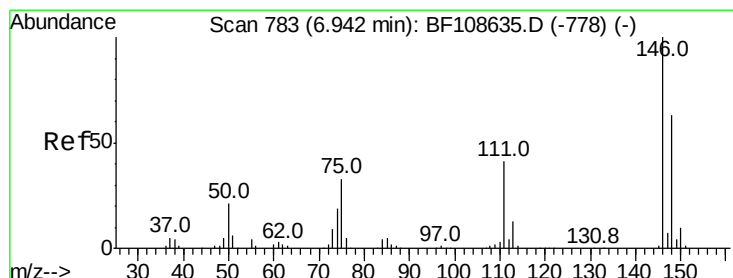
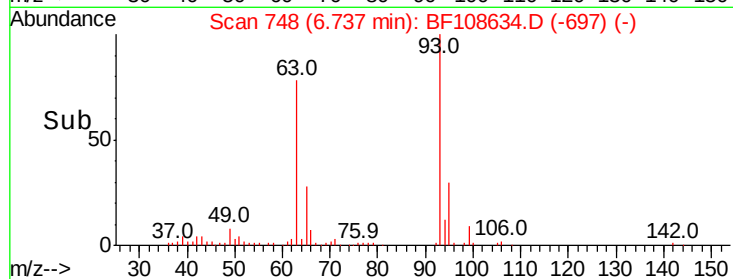
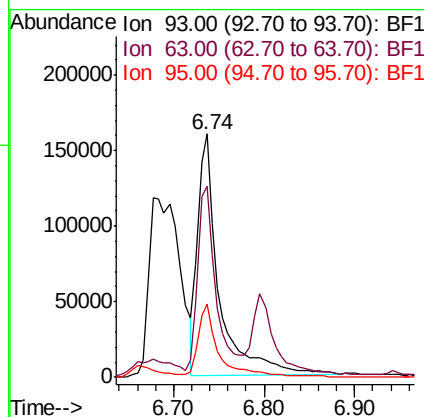
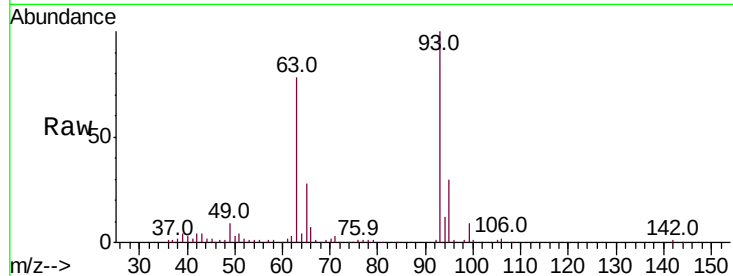




#11
 bis(2-Chloroethyl)ether
 Concen: 32.878 ng
 RT: 6.74 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF108634.D
 Acq: 30 Aug 2018 11:40

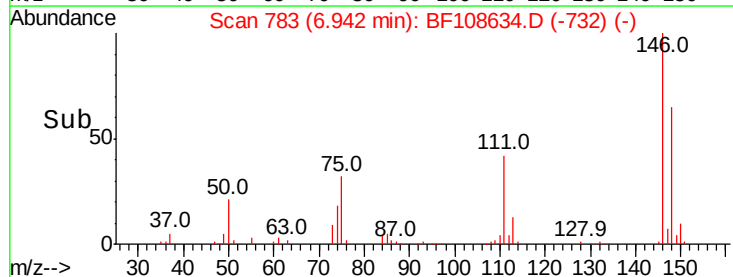
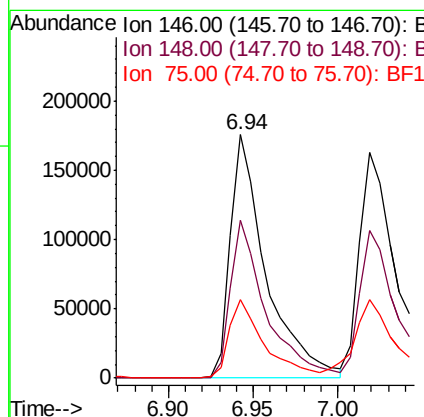
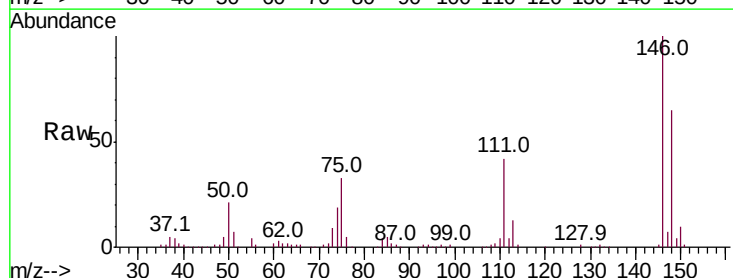
Instrument :
 BNA_F
 ClientSampleId :

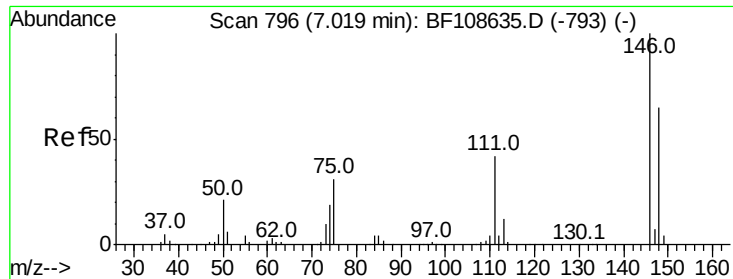
Tot Ion:	93	Resp:	260556
Ion	Ratio	Lower	Upper
93	100		
63	78.5	58.6	98.6
95	30.3	11.8	51.8



#12
 1,3-Dichlorobenzene
 Concen: 27.867 ng
 RT: 6.94 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF108634.D
 Acq: 30 Aug 2018 11:40

Tgt Ion:	146	Resp:	258796
Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.8	77.8
75	32.5	24.2	36.4

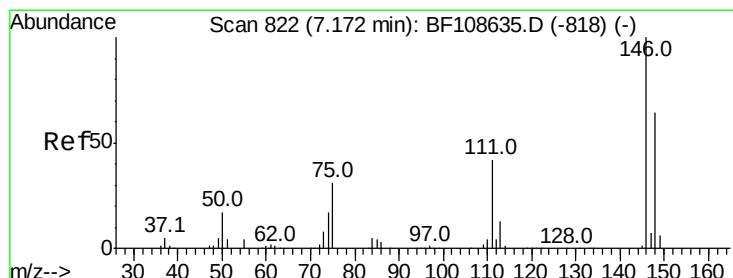
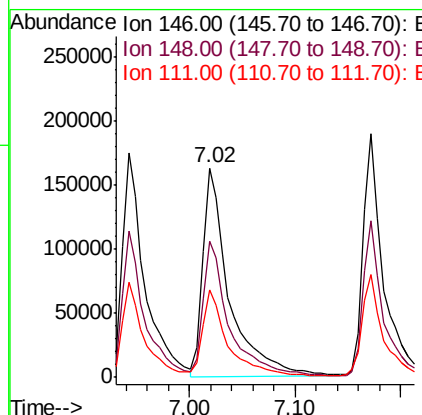
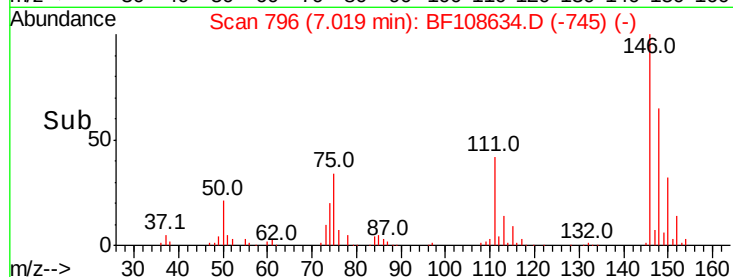
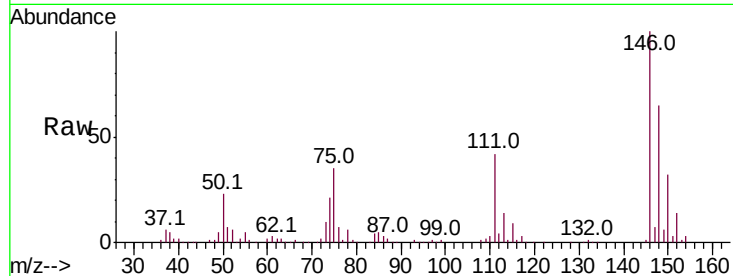




#13
 1,4-Dichlorobenzene
 Concen: 30.512 ng
 RT: 7.02 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF108634.D
 Acq: 30 Aug 2018 11:40

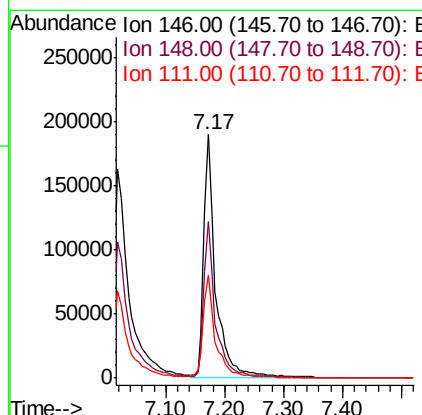
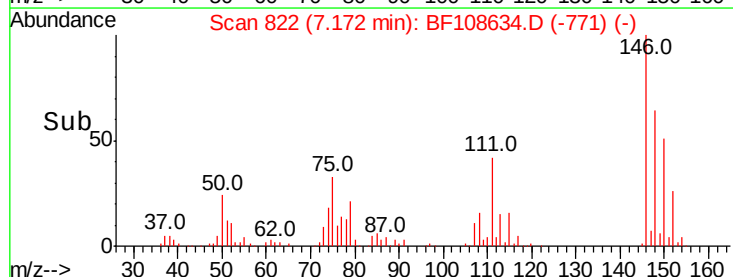
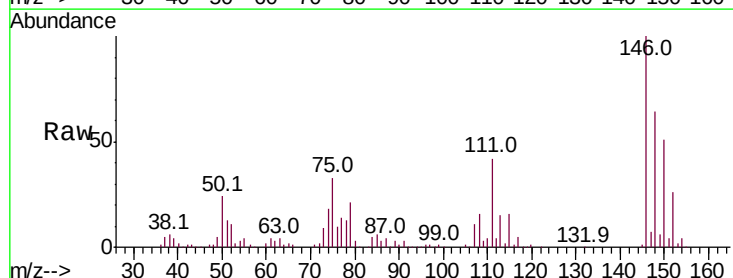
Instrument :
 BNA_F
 ClientSampleId :

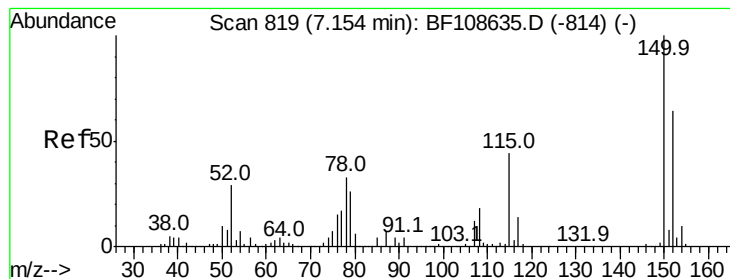
Tot Ion:146 Resp: 284704
 Ion Ratio Lower Upper
 146 100
 148 65.1 50.8 76.2
 111 41.7 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 30.566 ng
 RT: 7.17 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF108634.D
 Acq: 30 Aug 2018 11:40

Tgt Ion:146 Resp: 265287
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.6 75.8
 111 42.4 36.0 54.0





#15

Benzyl Alcohol

Concen: 23.399 ng

RT: 7.15 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF108634.D

Acq: 30 Aug 2018 11:40

Instrument :

BNA_F

ClientSampled :

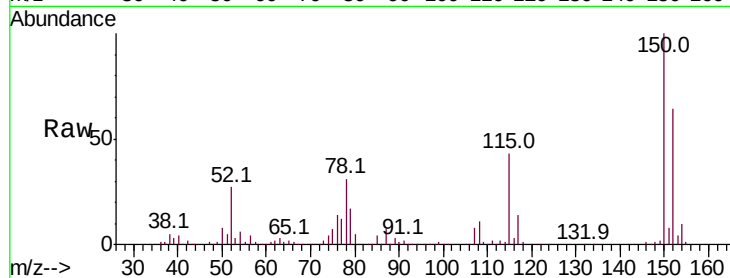
Tot Ion: 79 Resp: 186672

Ion Ratio Lower Upper

79 100

108 66.7 65.1 97.7

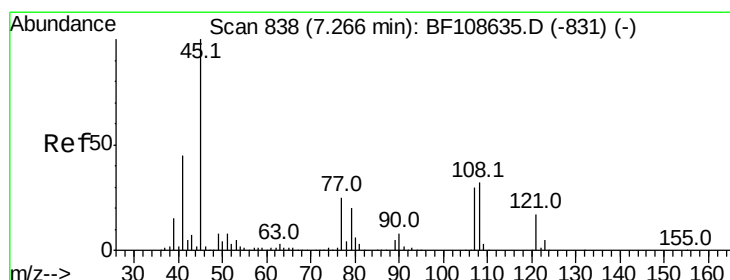
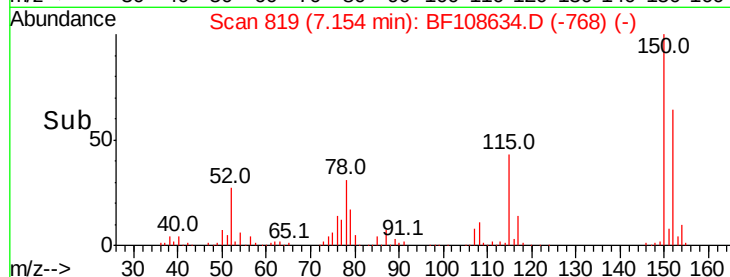
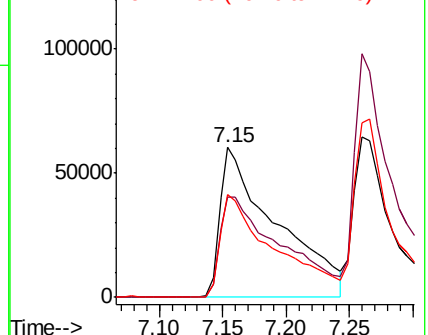
77 68.9 50.6 75.8



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: 25.738 ng

RT: 7.27 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF108634.D

Acq: 30 Aug 2018 11:40

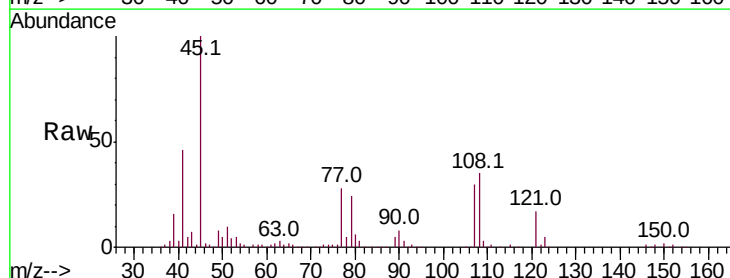
Tgt Ion: 45 Resp: 420190

Ion Ratio Lower Upper

45 100

77 27.6 0.0 32.9

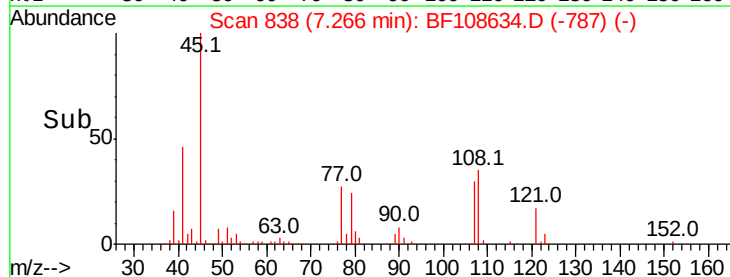
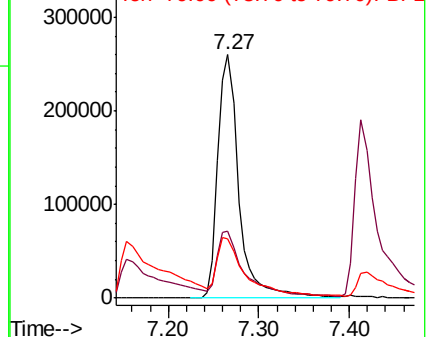
79 24.3 0.0 29.6

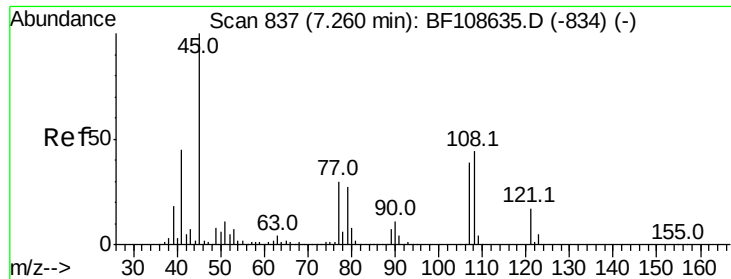


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

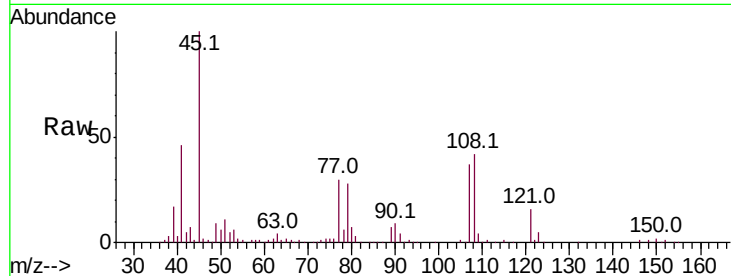




#17
2-Methylphenol
Concen: 26.244 ng
RT: 7.26 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF108634.D
Acq: 30 Aug 2018 11:40

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.2	91.7	137.5
77	81.1	33.8	50.8#
79	74.6	33.8	50.8#



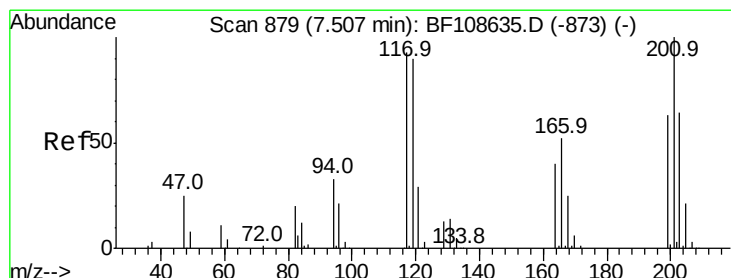
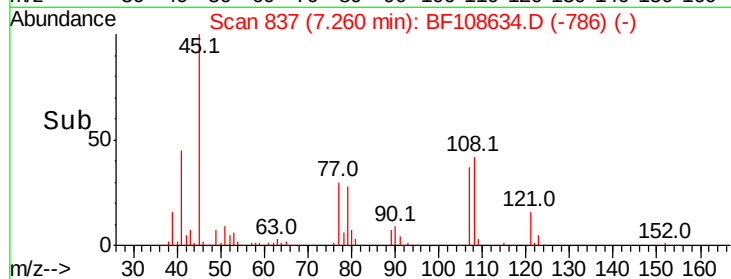
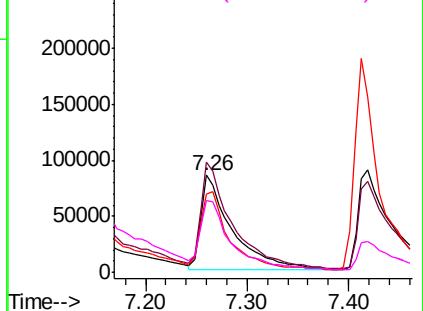
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

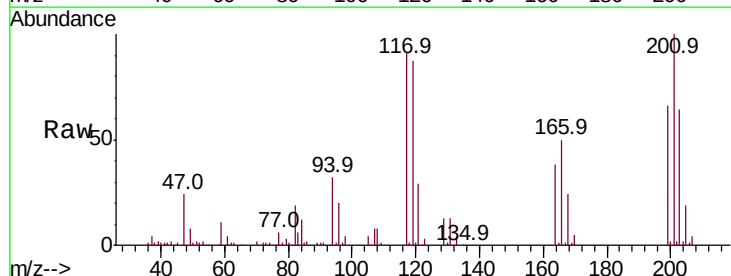
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 29.446 ng
RT: 7.51 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF108634.D
Acq: 30 Aug 2018 11:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	75.8	113.8
201	110.0	75.7	113.5

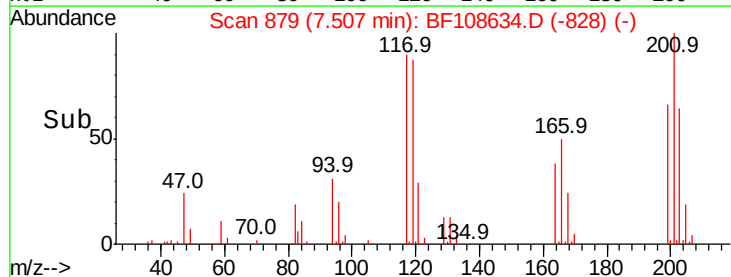
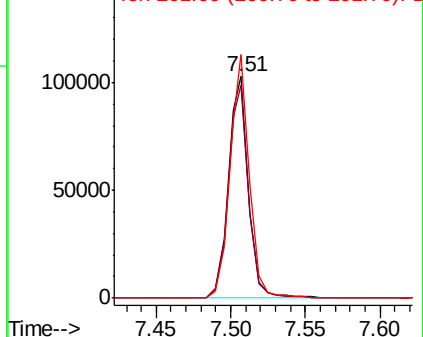


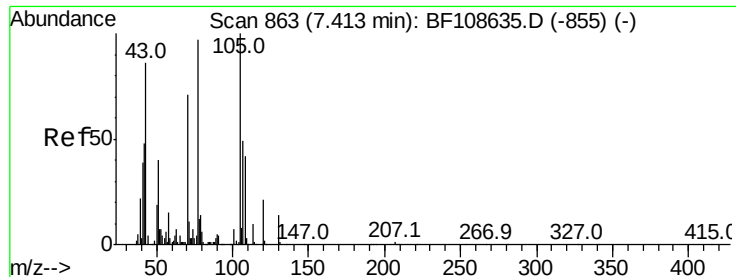
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 28.246 ng

RT: 7.41 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF108634.D

Acq: 30 Aug 2018 11:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 181013

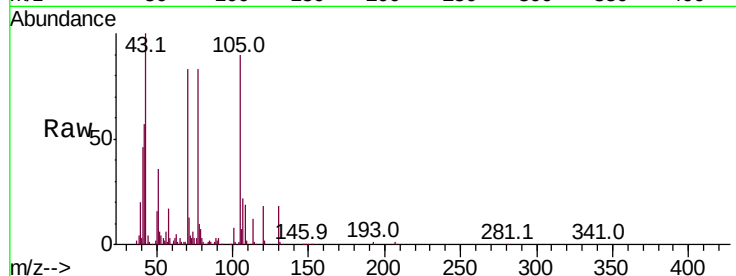
Ion Ratio Lower Upper

70 100

42 69.4 47.5 71.3

101 10.1 7.4 11.2

130 21.3 16.6 25.0

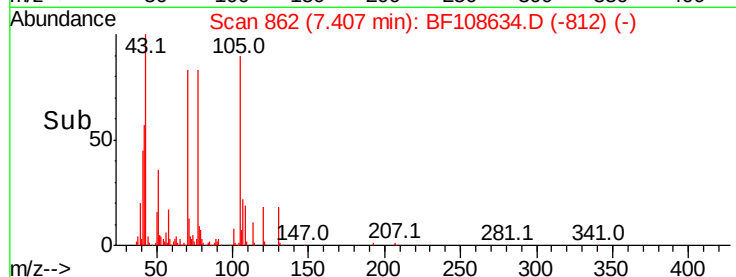
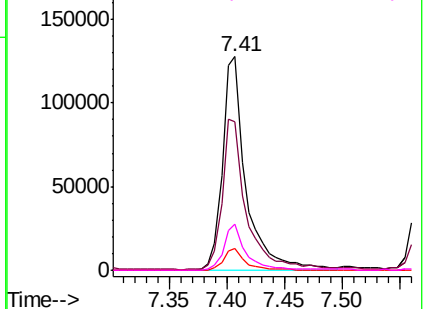


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 27.052 ng

RT: 7.42 min Scan# 864

Delta R.T. 0.00 min

Lab File: BF108634.D

Acq: 30 Aug 2018 11:40

Tgt Ion: 107 Resp: 238775

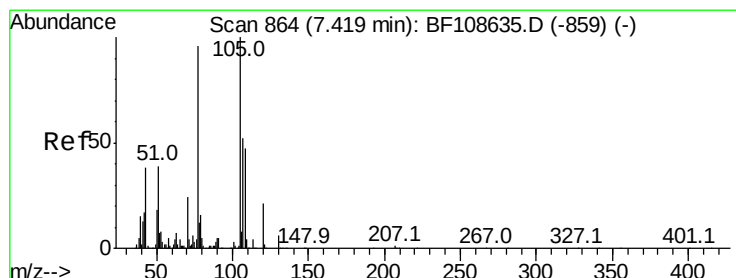
Ion Ratio Lower Upper

107 100

108 88.8 68.2 108.2

77 172.6 26.7 66.7#

79 30.5 6.3 46.3

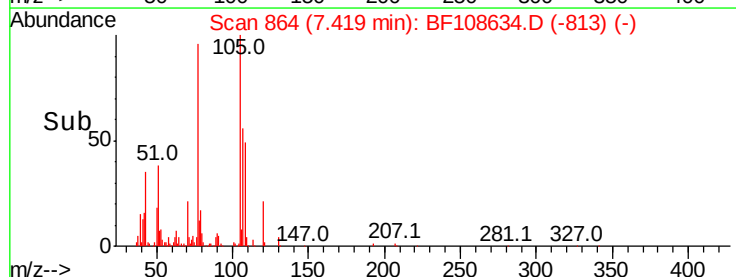
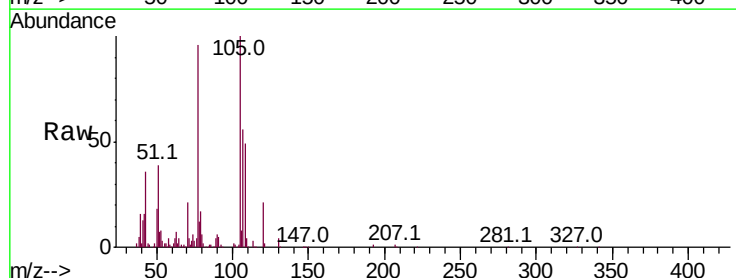
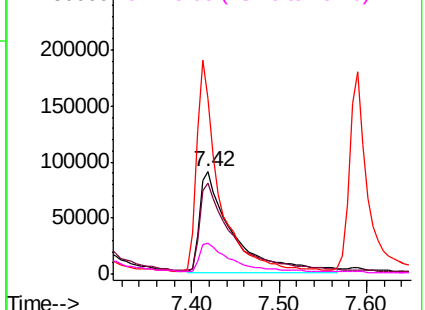


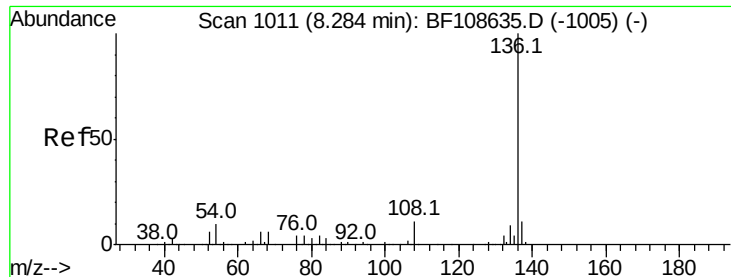
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

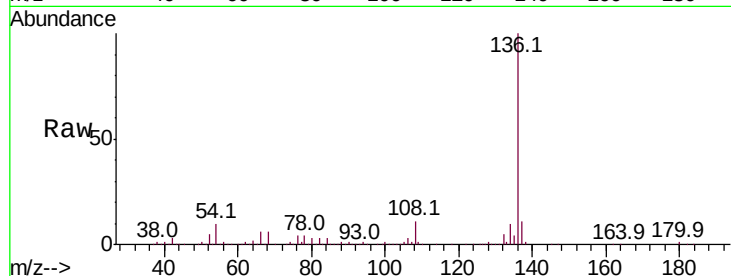




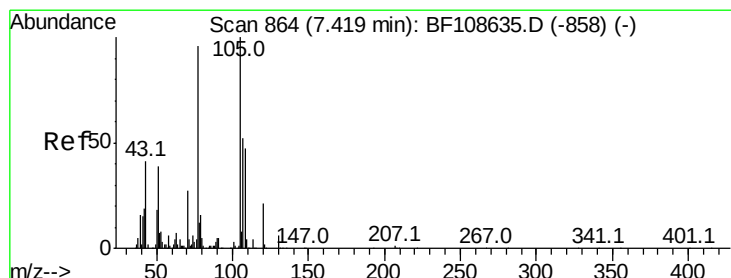
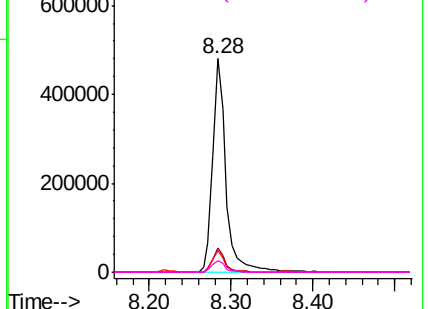
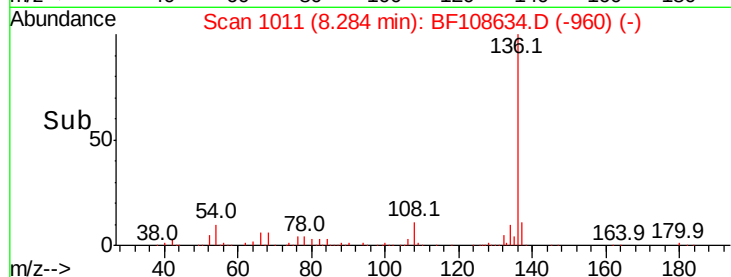
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF108634.D
Acq: 30 Aug 2018 11:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	542512
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	10.0	6.6	9.8#
68	5.7	5.0	7.4

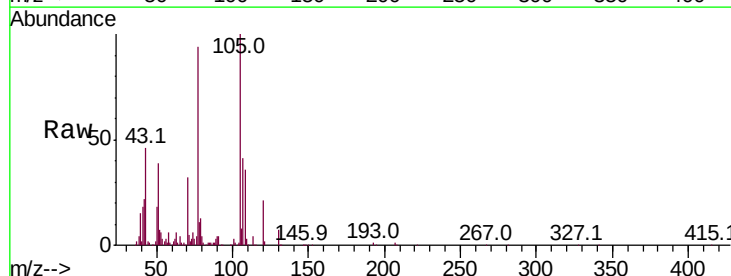


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

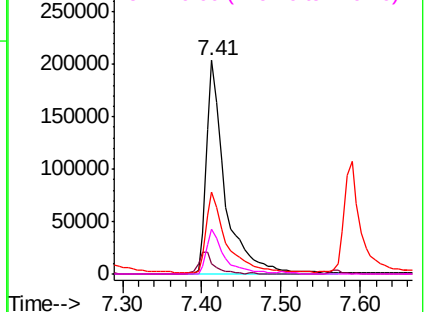
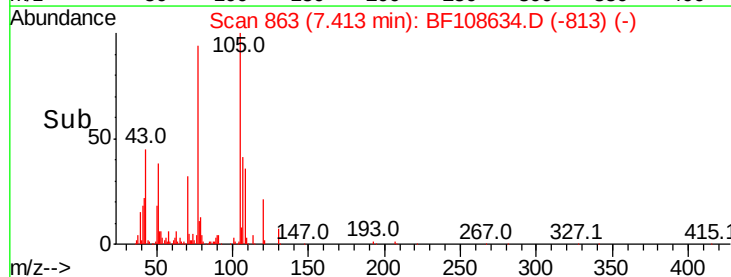


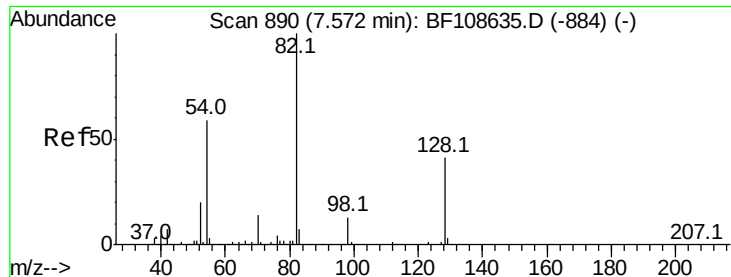
#22
Acetophenone
Concen: 26.675 ng
RT: 7.41 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF108634.D
Acq: 30 Aug 2018 11:40

Tgt Ion:	105	Resp:	338378
Ion	Ratio	Lower	Upper
105	100		
71	4.8	4.4	6.6
51	38.7	22.3	33.5#
120	21.1	16.9	25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

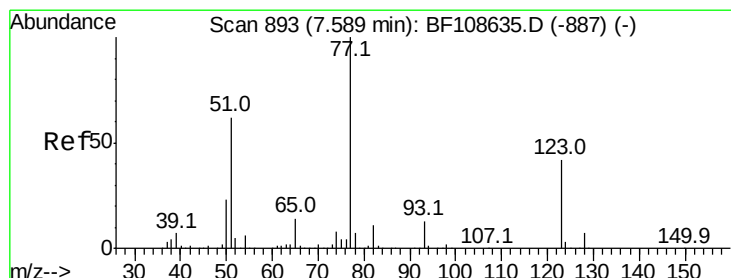
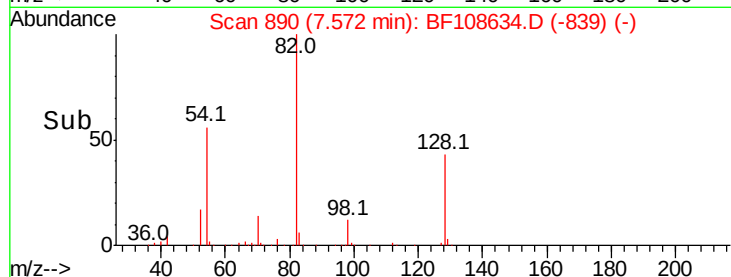
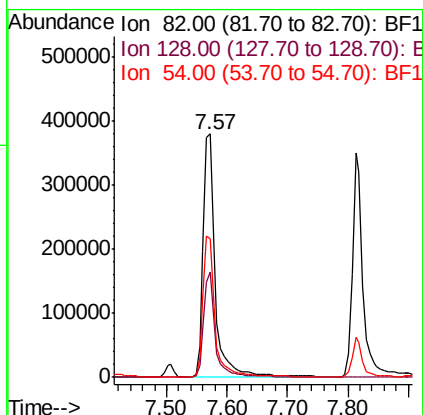
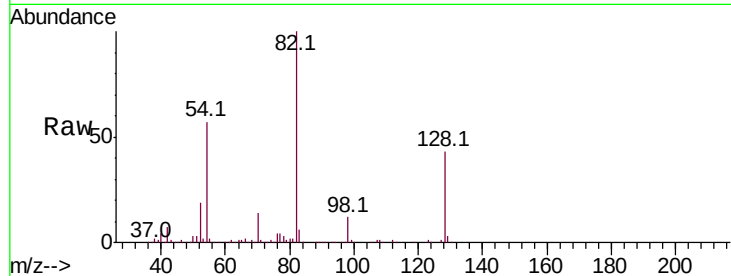




#23
 Nitrobenzene-d5
 Concen: 55.378 ng
 RT: 7.57 min Scan# 890
 Delta R.T. 0.00 min
 Lab File: BF108634.D
 Acq: 30 Aug 2018 11:40

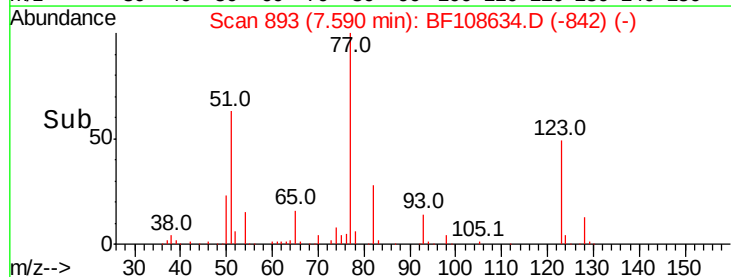
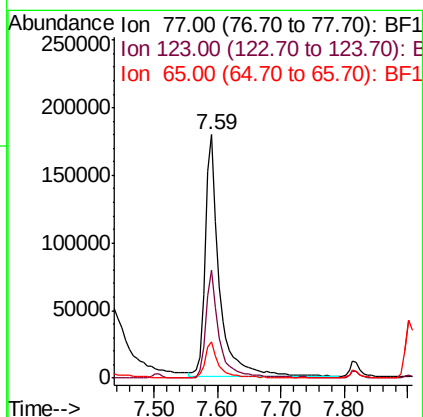
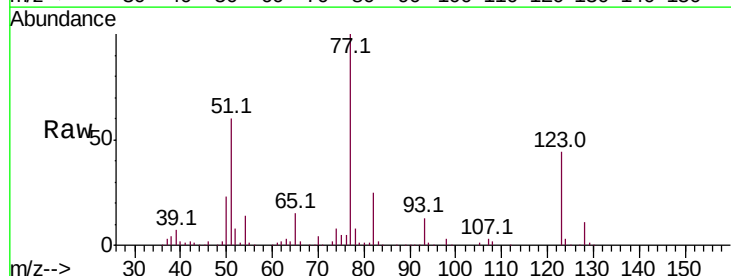
Instrument :
 BNA_F
 ClientSampled :

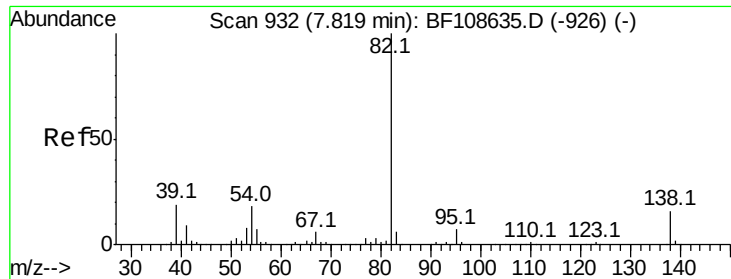
Tot Ion: 82 Resp: 538398
 Ion Ratio Lower Upper
 82 100
 128 43.1 36.1 54.1
 54 57.1 41.4 62.2



#24
 Nitrobenzene
 Concen: 27.770 ng
 RT: 7.59 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: BF108634.D
 Acq: 30 Aug 2018 11:40

Tgt Ion: 77 Resp: 273017
 Ion Ratio Lower Upper
 77 100
 123 44.5 37.9 56.9
 65 14.9 11.0 16.4





#25

Isophorone

Concen: 24.149 ng

RT: 7.81 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF108634.D

Acq: 30 Aug 2018 11:40

Instrument :

BNA_F

ClientSampleId :

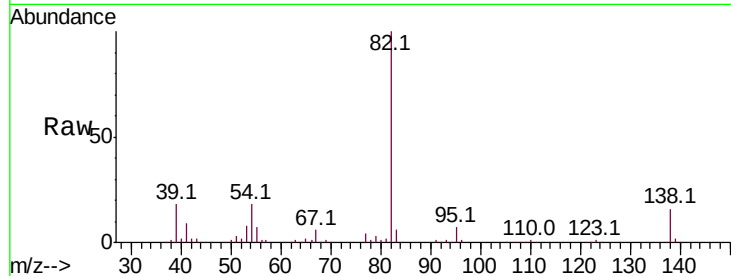
Tot Ion: 82 Resp: 447499

Ion Ratio Lower Upper

82 100

95 7.1 5.2 7.8

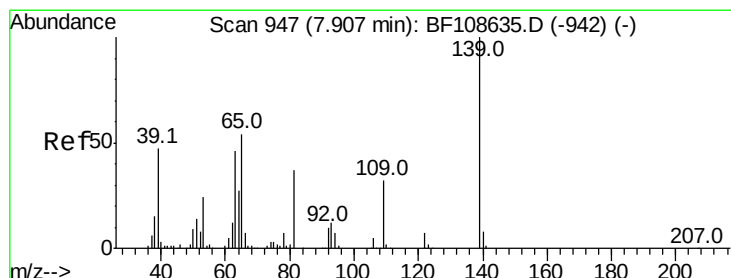
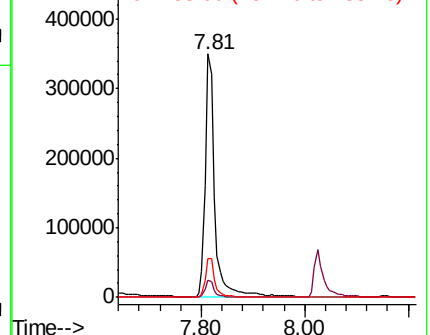
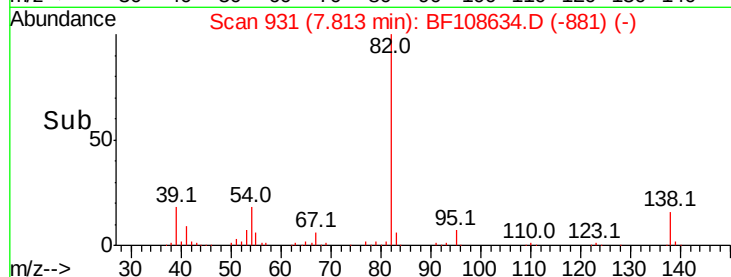
138 15.9 14.9 22.3



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: 34.070 ng

RT: 7.90 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF108634.D

Acq: 30 Aug 2018 11:40

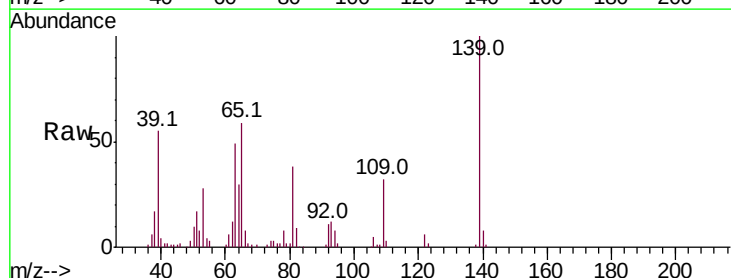
Tgt Ion: 139 Resp: 126493

Ion Ratio Lower Upper

139 100

109 32.2 22.7 34.1

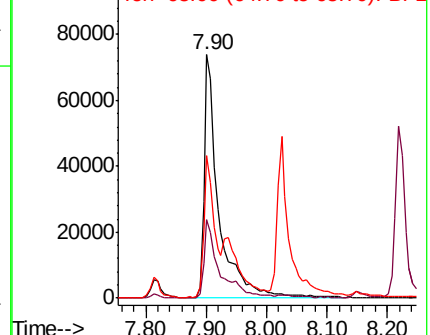
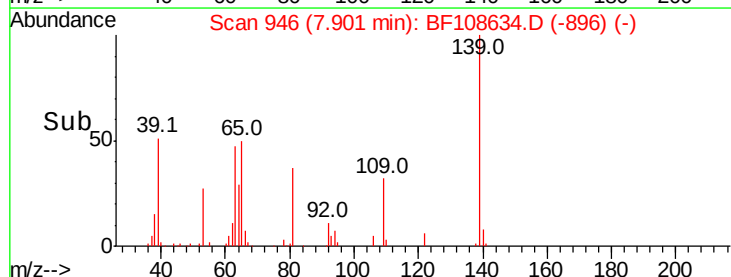
65 58.5 40.5 60.7

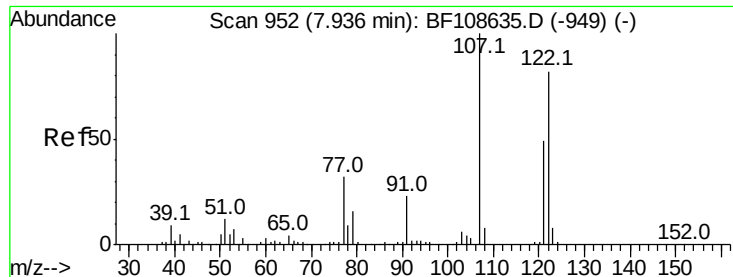


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

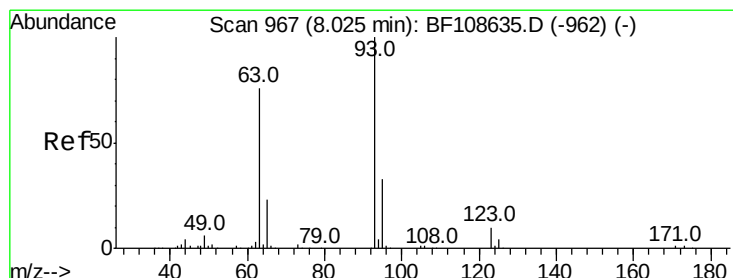
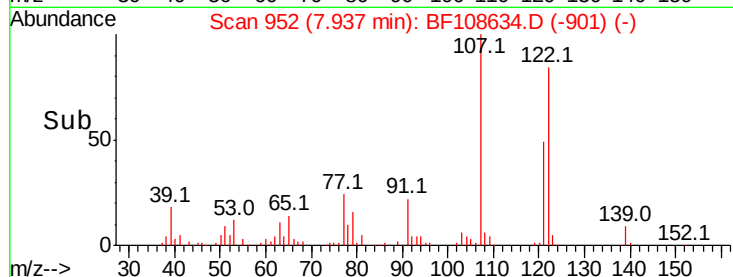
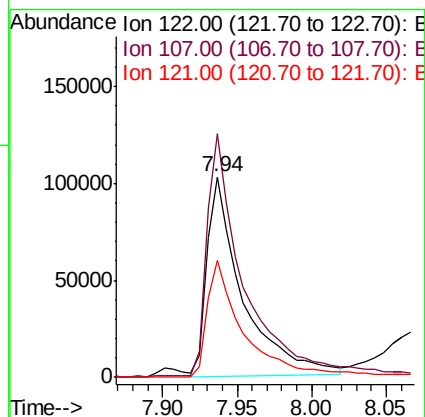
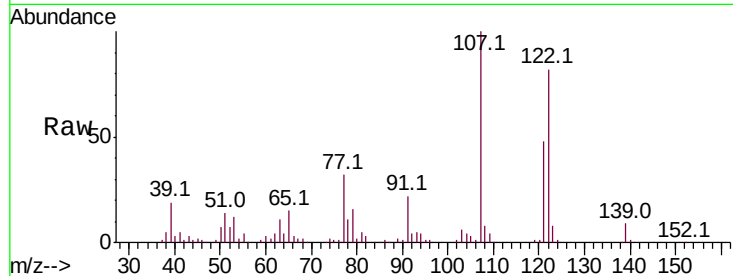




#27
2,4-Dimethylphenol
Concen: 20.762 ng
RT: 7.94 min Scan# 952
Delta R.T. 0.00 min
Lab File: BF108634.D
Acq: 30 Aug 2018 11:40

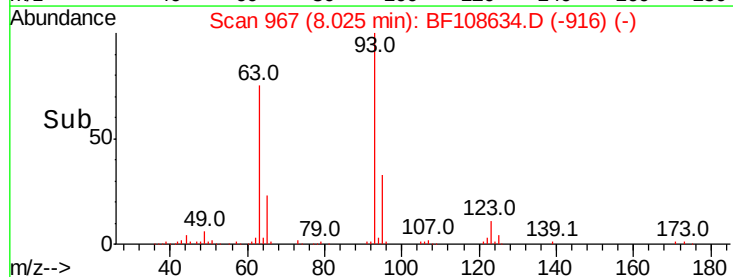
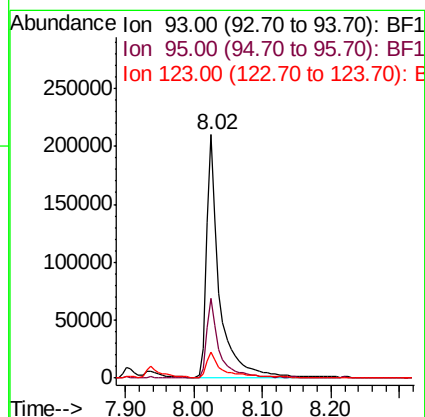
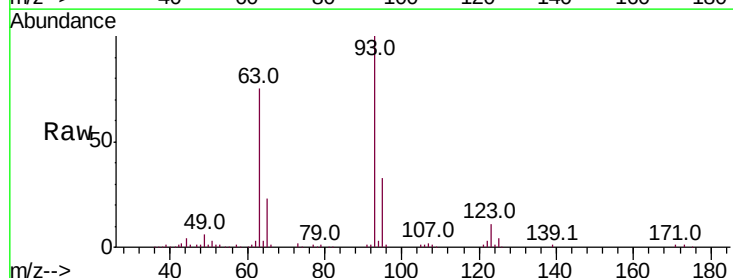
Instrument :
BNA_F
ClientSampleId :

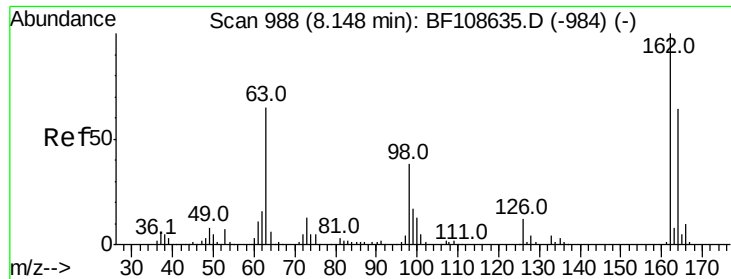
Tot Ion:122 Resp: 170756
Ion Ratio Lower Upper
122 100
107 121.3 91.2 136.8
121 58.5 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 25.690 ng
RT: 8.02 min Scan# 967
Delta R.T. 0.00 min
Lab File: BF108634.D
Acq: 30 Aug 2018 11:40

Tgt Ion: 93 Resp: 277913
Ion Ratio Lower Upper
93 100
95 32.7 26.3 39.5
123 10.9 9.8 14.6

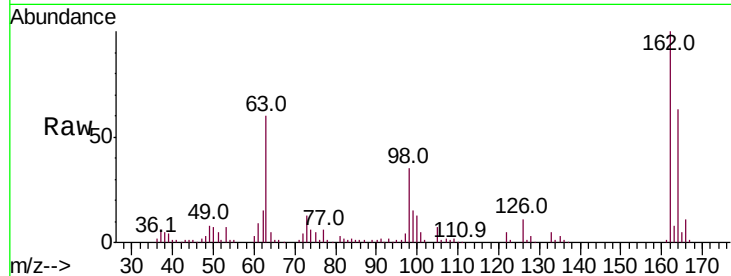




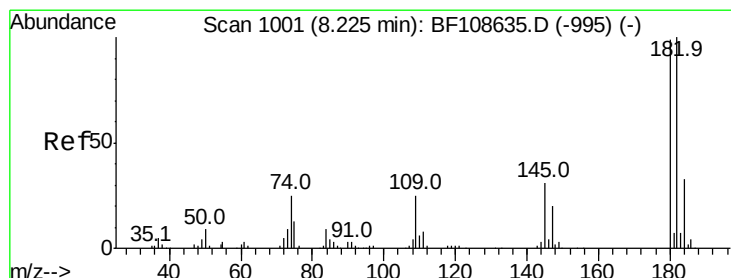
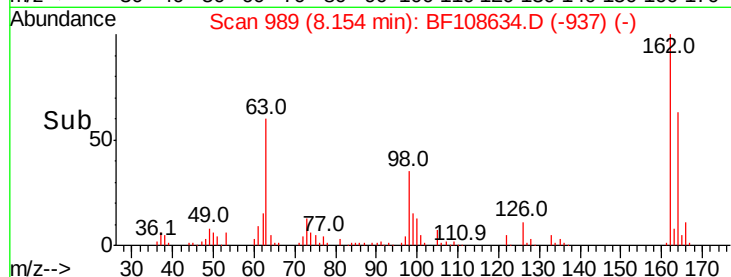
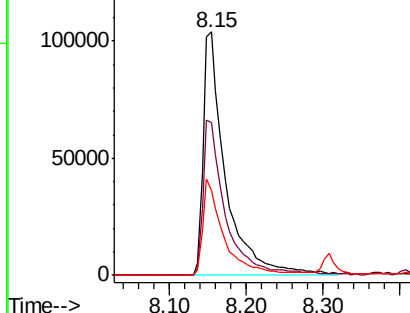
#29
2,4-Dichlorophenol
Concen: 27.701 ng
RT: 8.15 min Scan# 989
Delta R.T. 0.01 min
Lab File: BF108634.D
Acq: 30 Aug 2018 11:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.6	42.7	82.7
98	35.1	18.1	58.1

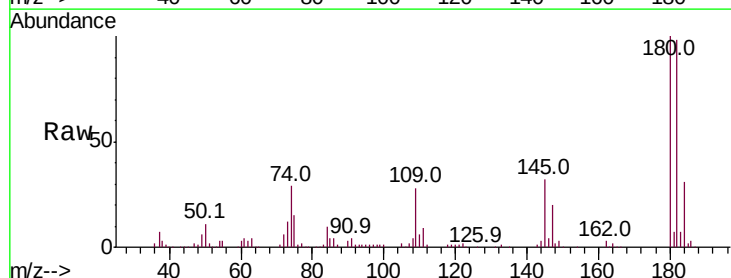


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

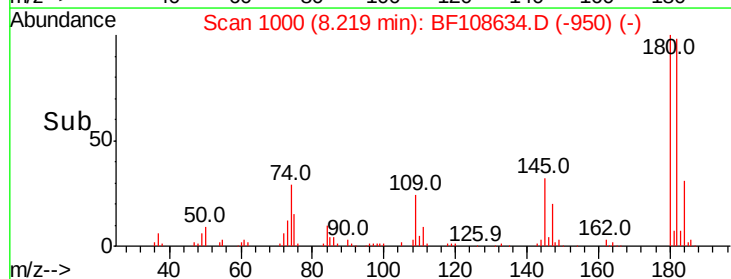
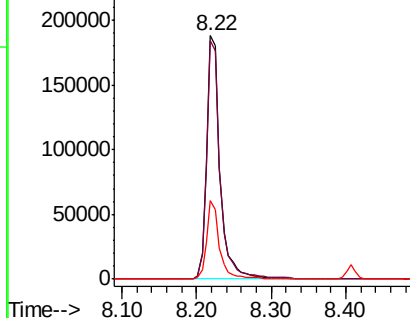


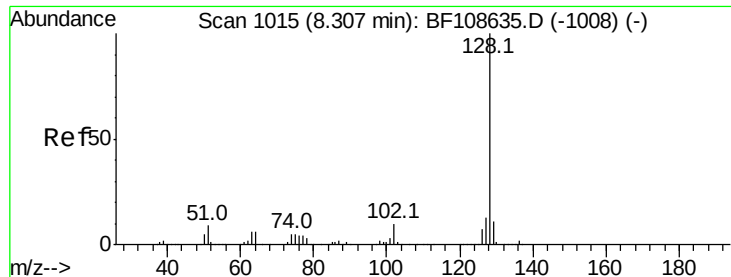
#30
1,2,4-Trichlorobenzene
Concen: 28.451 ng
RT: 8.22 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BF108634.D
Acq: 30 Aug 2018 11:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.0	76.8	115.2
145	32.1	26.5	39.7



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

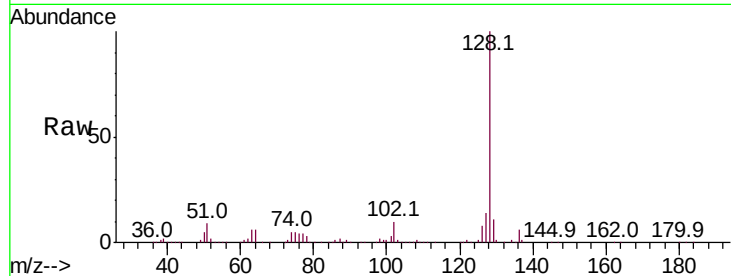




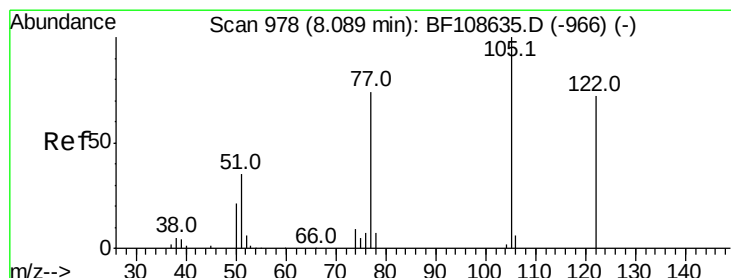
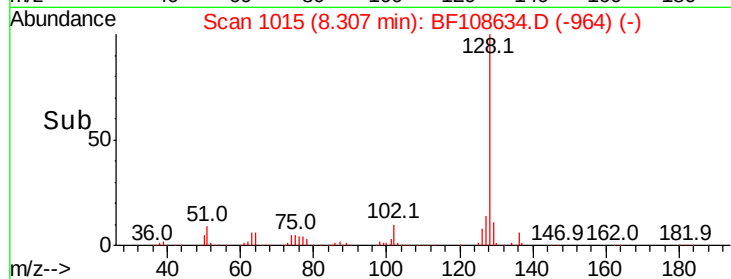
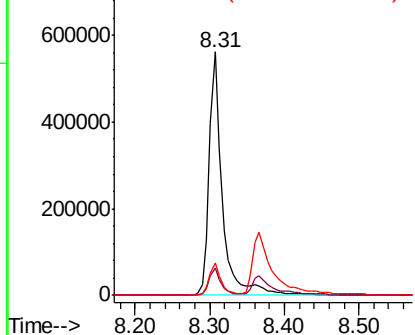
#31
Naphthalene
Concen: 27.979 ng
RT: 8.31 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BF108634.D
Acq: 30 Aug 2018 11:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 690305
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 13.6 10.9 16.3

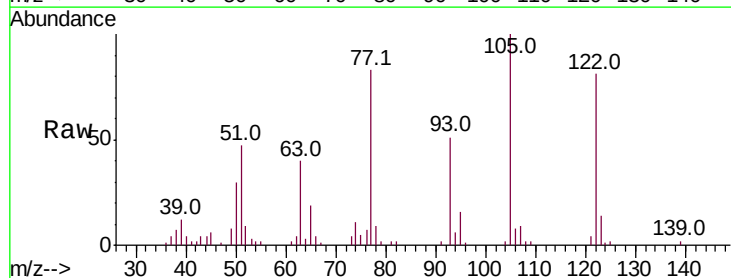


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

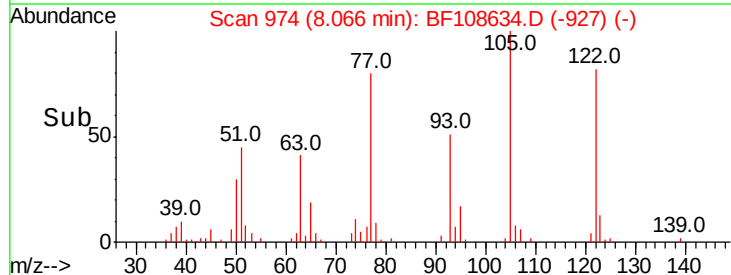
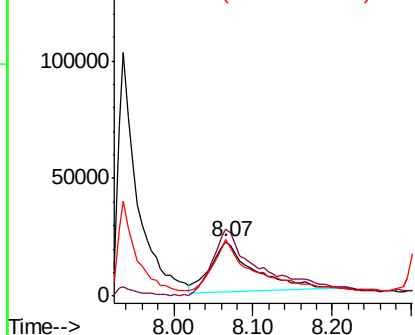


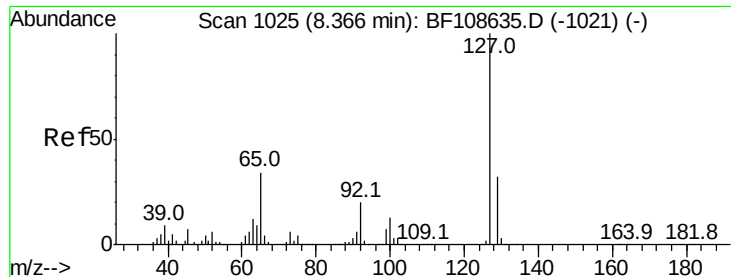
#32
Benzoic acid
Concen: 18.212 ng
RT: 8.07 min Scan# 974
Delta R.T. -0.02 min
Lab File: BF108634.D
Acq: 30 Aug 2018 11:40

Tgt Ion:122 Resp: 79431
Ion Ratio Lower Upper
122 100
105 123.8 101.1 141.1
77 103.1 70.7 110.7



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

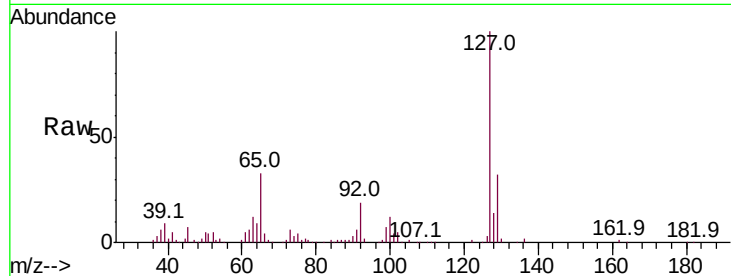




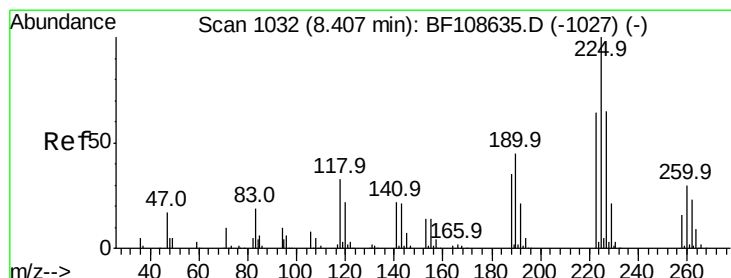
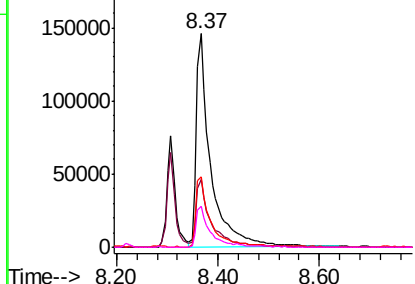
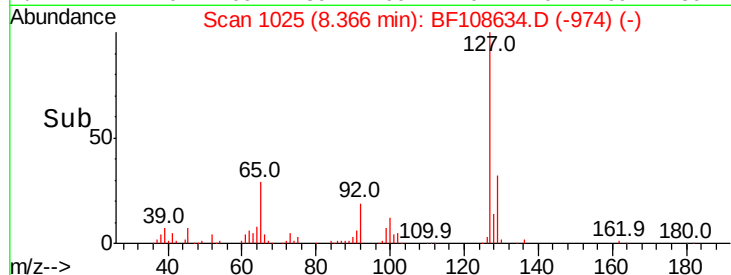
#33
4-Chloroaniline
Concen: 26.912 ng
RT: 8.37 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF108634.D
Acq: 30 Aug 2018 11:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	289356
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.9	38.9
65	32.9	25.0	37.4
92	19.1	15.2	22.8

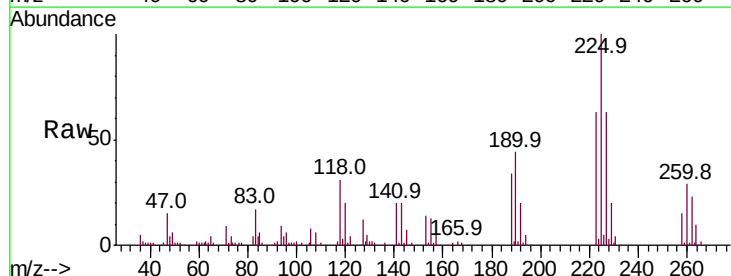


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

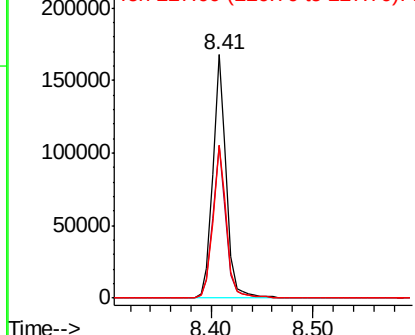
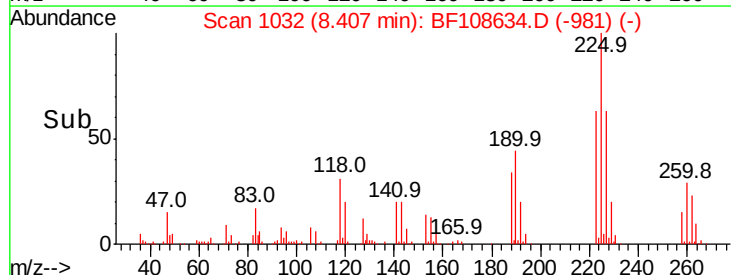


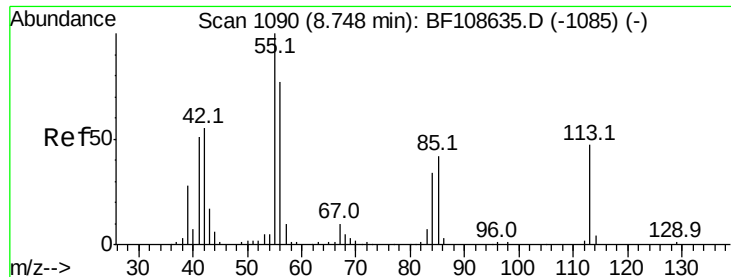
#34
Hexachlorobutadiene
Concen: 29.315 ng
RT: 8.41 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF108634.D
Acq: 30 Aug 2018 11:40

Tgt Ion:	225	Resp:	154865
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.6	76.0
227	62.6	51.9	77.9



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

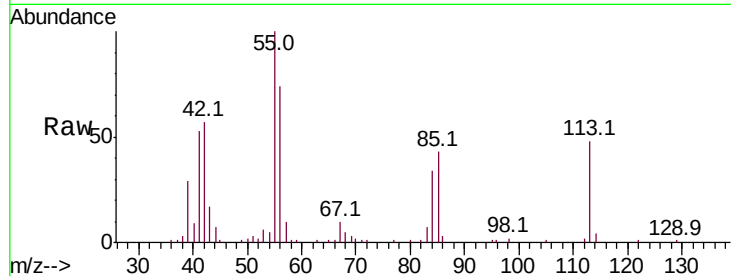




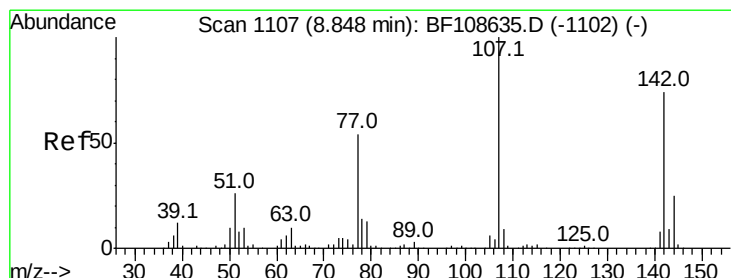
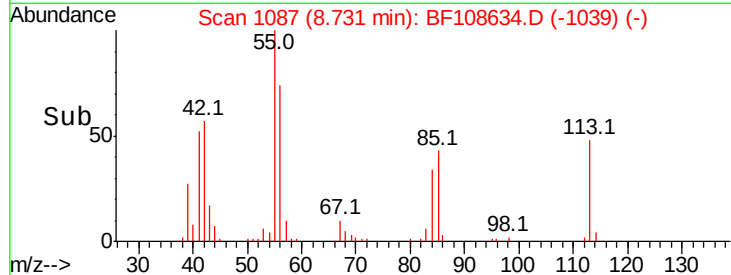
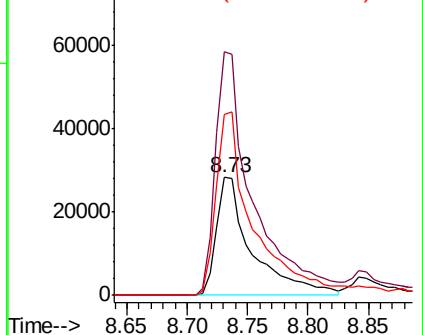
#35
 Caprolactam
 Concen: 24.342 ng
 RT: 8.73 min Scan# 1087
 Delta R.T. -0.02 min
 Lab File: BF108634.D
 Acq: 30 Aug 2018 11:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 57736
 Ion Ratio Lower Upper
 113 100
 55 206.3 163.3 203.3#
 56 153.5 115.7 155.7

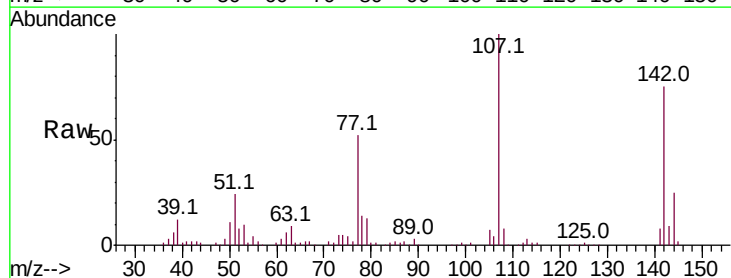


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

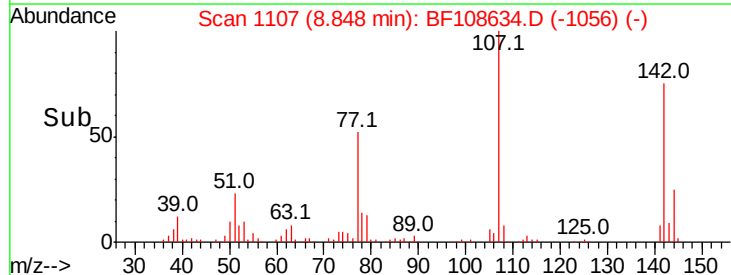
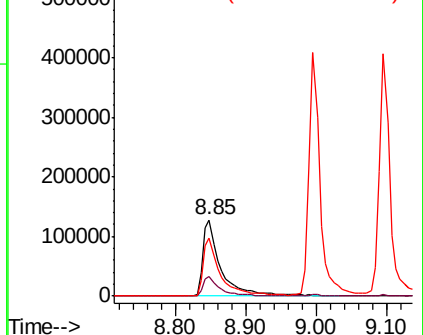


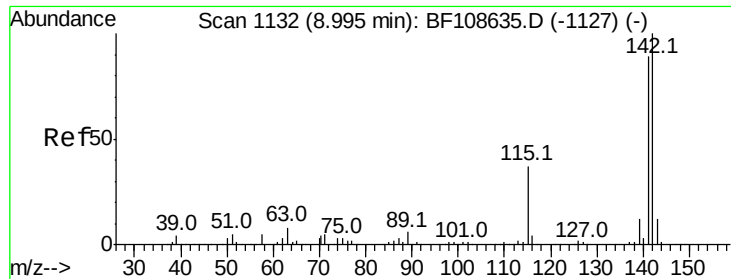
#36
 4-Chloro-3-methylphenol
 Concen: 27.830 ng
 RT: 8.85 min Scan# 1107
 Delta R.T. 0.00 min
 Lab File: BF108634.D
 Acq: 30 Aug 2018 11:40

Tgt Ion:107 Resp: 227236
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.5 30.7
 142 75.5 62.0 93.0



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

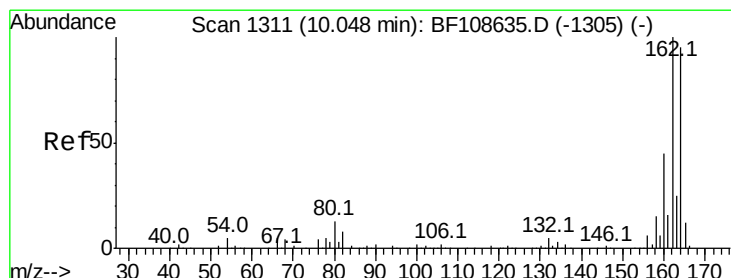
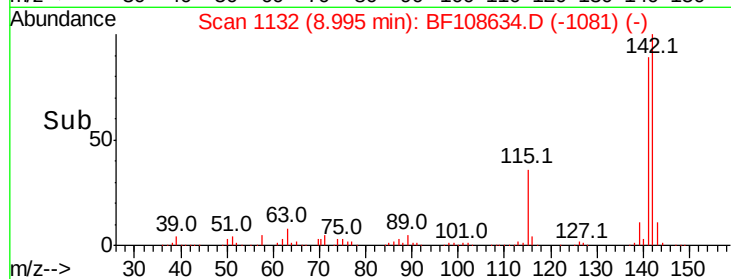
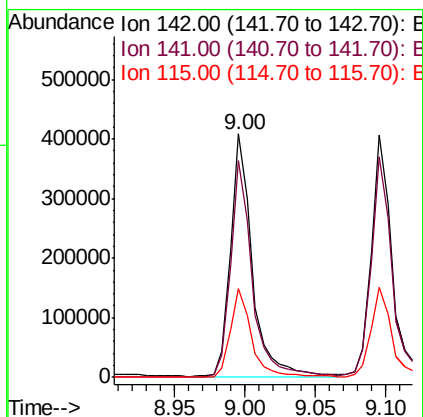
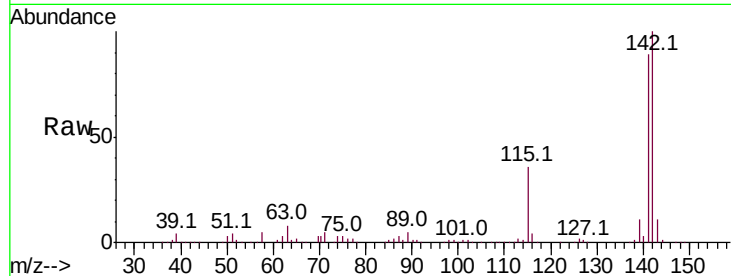




#37
 2-Methylnaphthalene
 Concen: 25.372 ng
 RT: 9.00 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: BF108634.D
 Acq: 30 Aug 2018 11:40

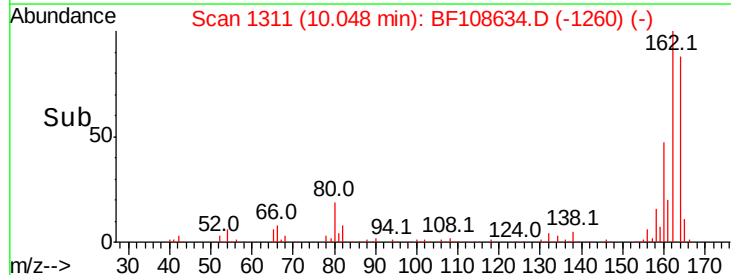
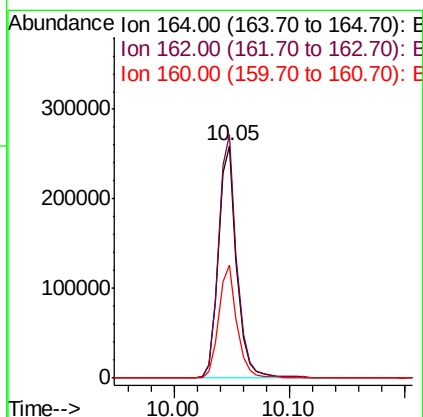
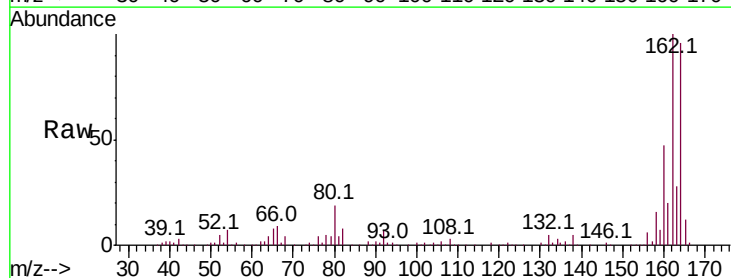
Instrument :
 BNA_F
 ClientSampled :

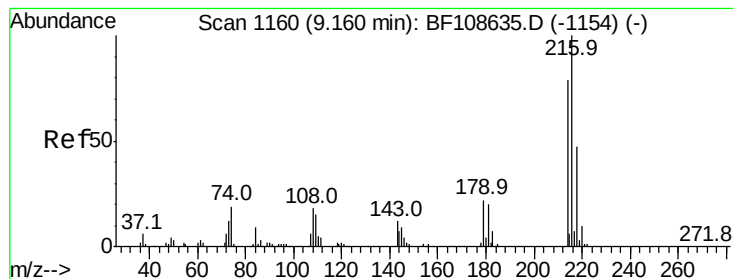
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.8	106.2
115	36.2	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.05 min Scan# 1311
 Delta R.T. 0.00 min
 Lab File: BF108634.D
 Acq: 30 Aug 2018 11:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.7	86.1	129.1
160	48.8	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 29.017 ng

RT: 9.16 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BF108634.D

Acq: 30 Aug 2018 11:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 254297

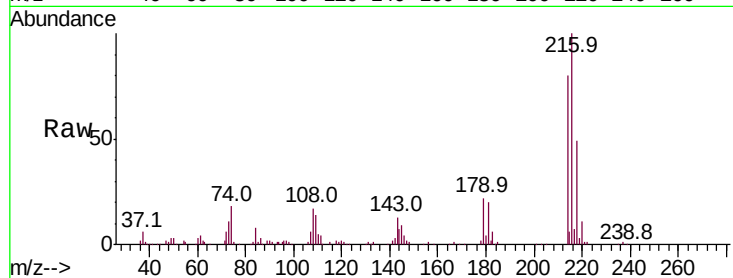
Ion Ratio Lower Upper

216 100

214 79.4 63.0 94.4

179 20.4 18.1 27.1

108 17.2 17.2 25.8

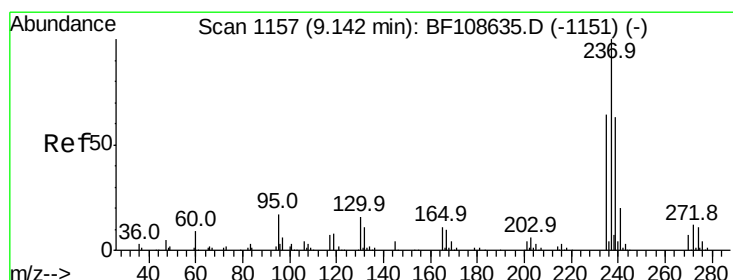
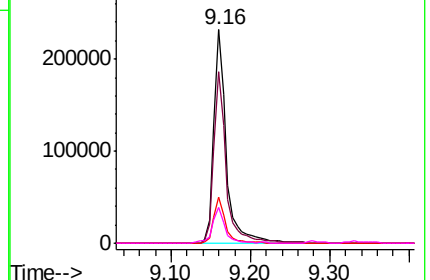
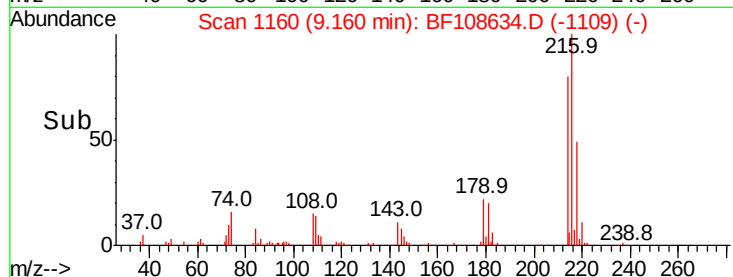


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 13.636 ng

RT: 9.14 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF108634.D

Acq: 30 Aug 2018 11:40

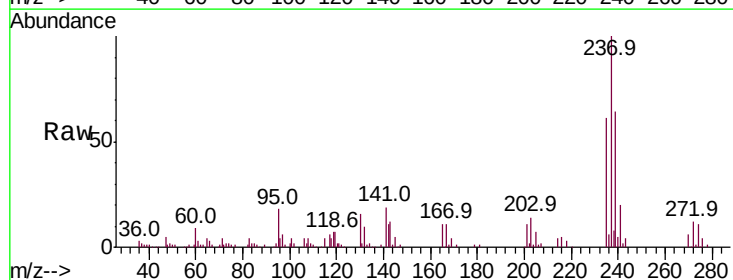
Tgt Ion:237 Resp: 77185

Ion Ratio Lower Upper

237 100

235 60.6 44.8 84.8

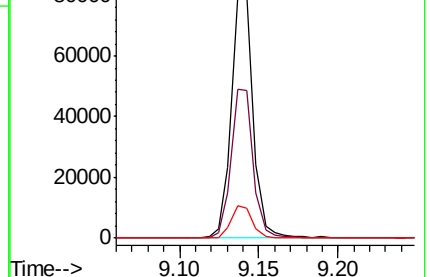
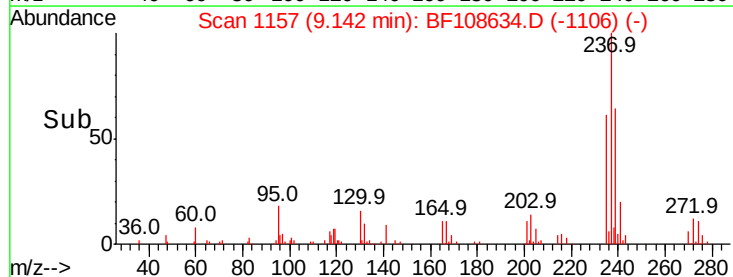
272 12.3 0.0 33.3

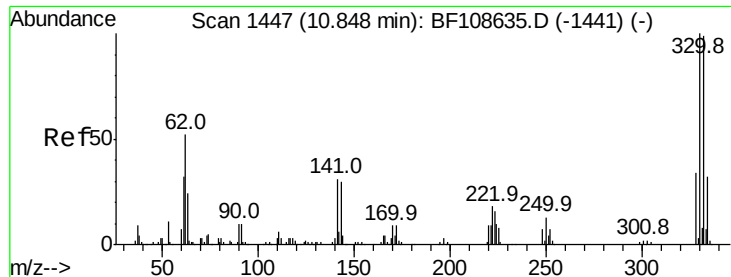


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

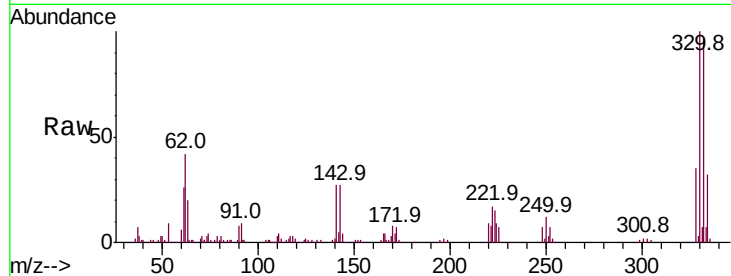




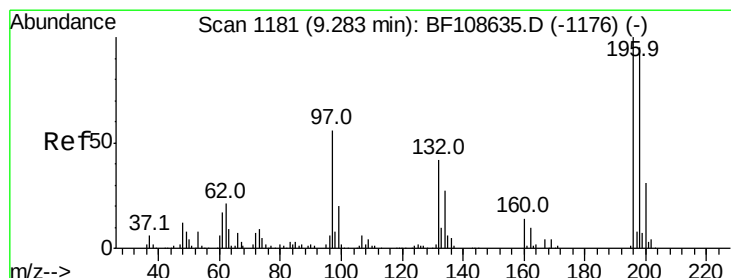
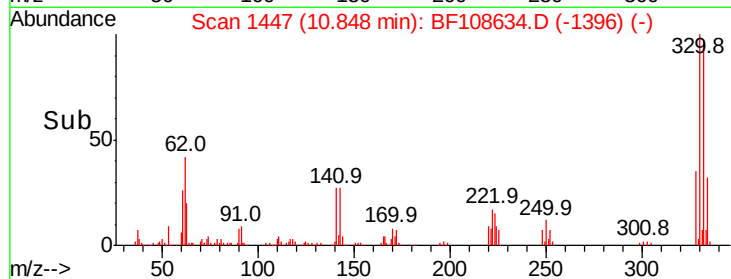
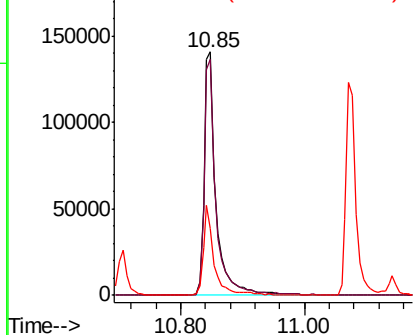
#41
 2,4,6-Tribromophenol
 Concen: 67.001 ng
 RT: 10.85 min Scan# 1447
 Delta R.T. 0.00 min
 Lab File: BF108634.D
 Acq: 30 Aug 2018 11:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.0	115.6
141	33.8	29.9	44.9

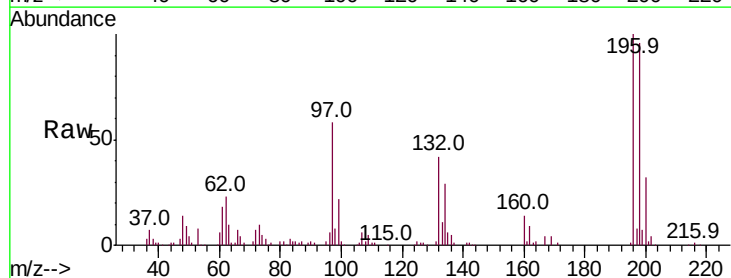


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

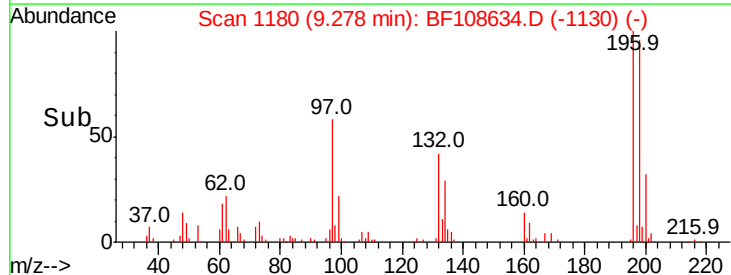
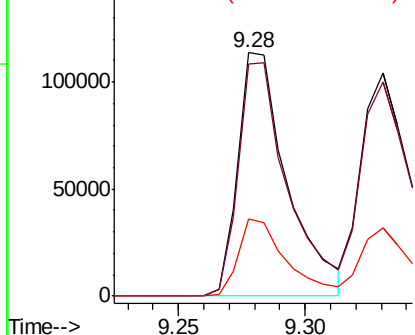


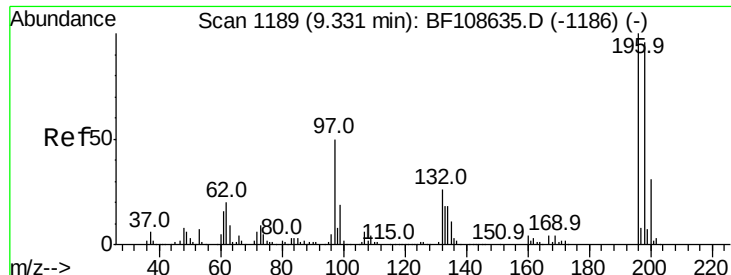
#42
 2,4,6-Trichlorophenol
 Concen: 28.377 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF108634.D
 Acq: 30 Aug 2018 11:40

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.5	75.7	113.5
200	32.0	24.5	36.7



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

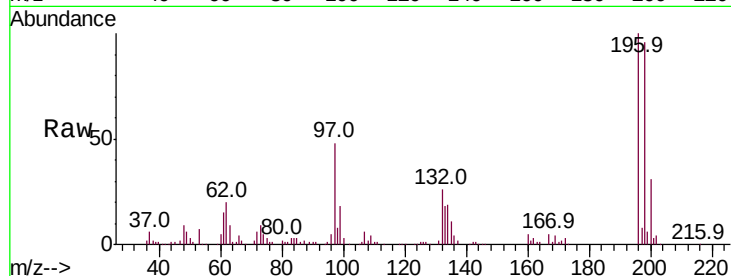




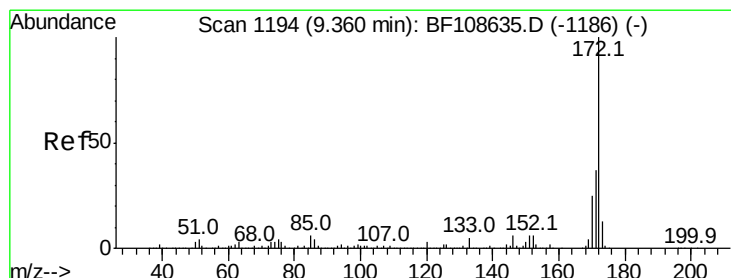
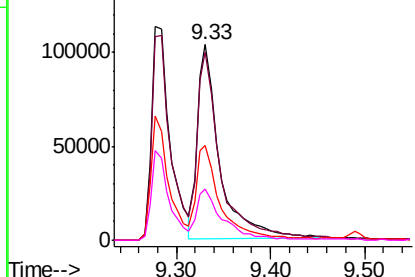
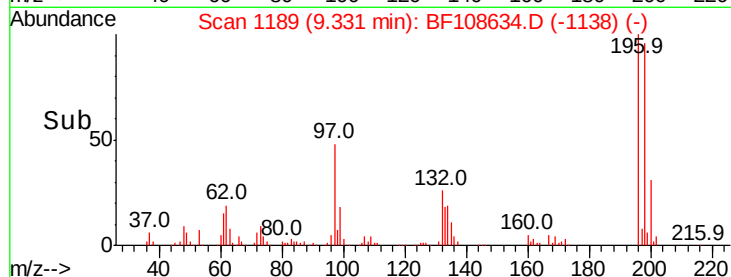
#43
2,4,5-Trichlorophenol
Concen: 28.878 ng
RT: 9.33 min Scan# 1189
Delta R.T. 0.00 min
Lab File: BF108634.D
Acq: 30 Aug 2018 11:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:196 Resp: 172883
Ion Ratio Lower Upper
196 100
198 96.2 74.6 112.0
97 48.3 42.9 64.3
132 26.4 26.3 39.5

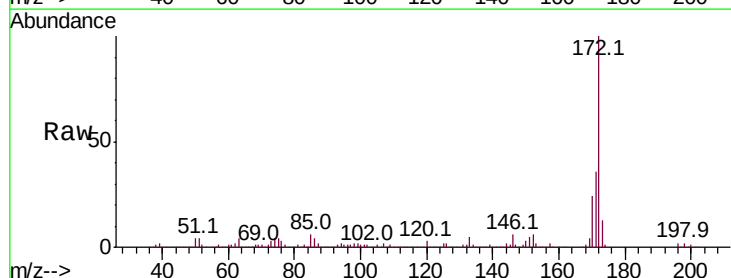


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E

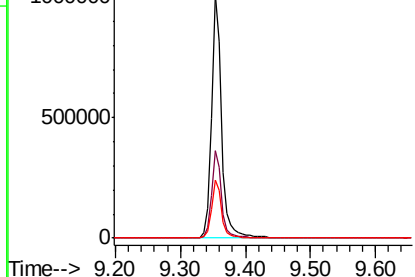
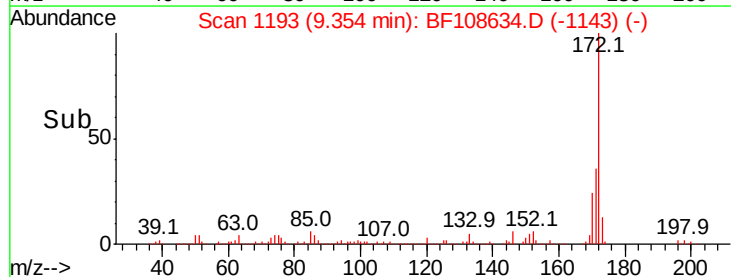


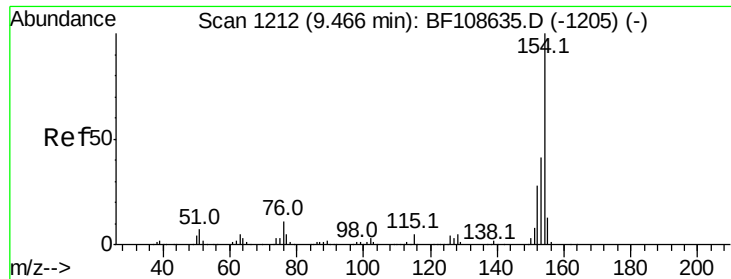
#44
2-Fluorobiphenyl
Concen: 60.779 ng
RT: 9.35 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF108634.D
Acq: 30 Aug 2018 11:40

Tgt Ion:172 Resp: 1080371
Ion Ratio Lower Upper
172 100
171 35.8 29.7 44.5
170 23.6 19.6 29.4



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

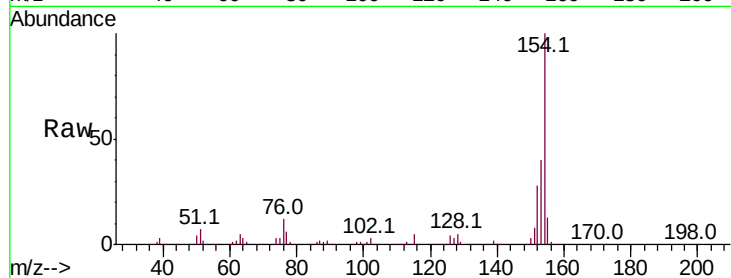




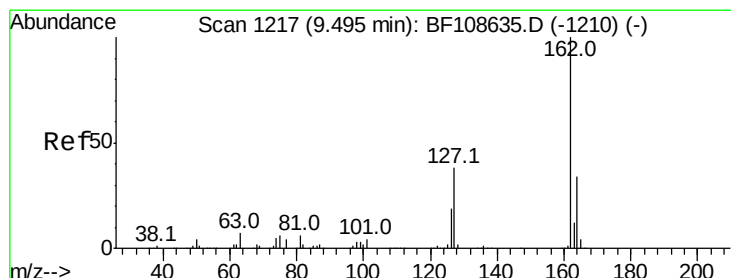
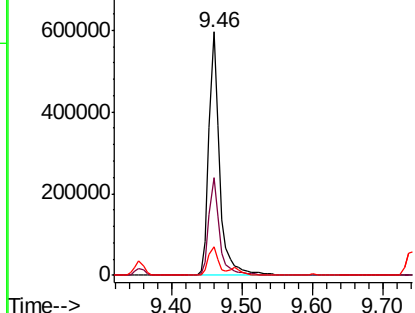
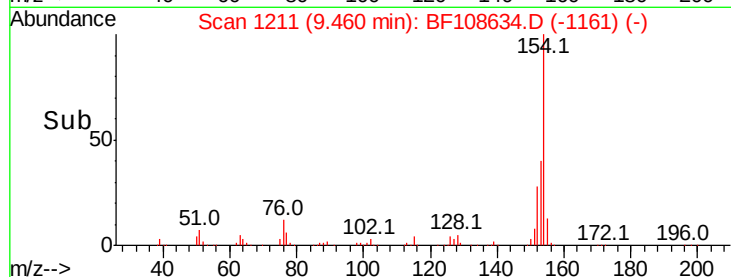
#45
 1,1'-Biphenyl
 Concen: 29.862 ng
 RT: 9.46 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF108634.D
 Acq: 30 Aug 2018 11:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.3	21.3	61.3
76	11.7	0.0	34.0

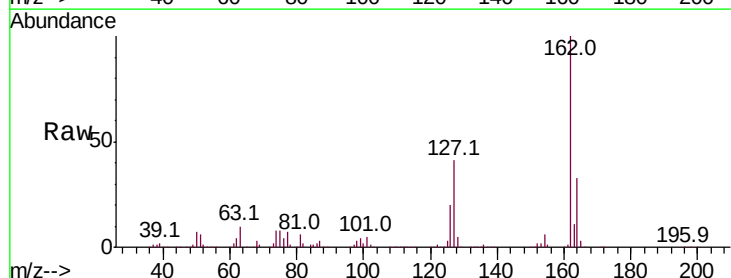


Abundance Ion 154.00 (153.70 to 154.70): E
 800000 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

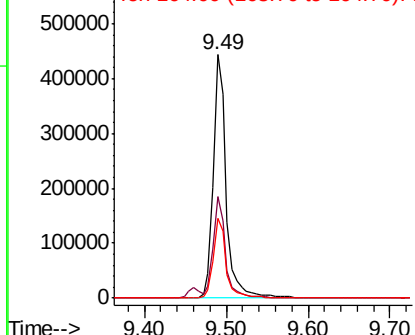
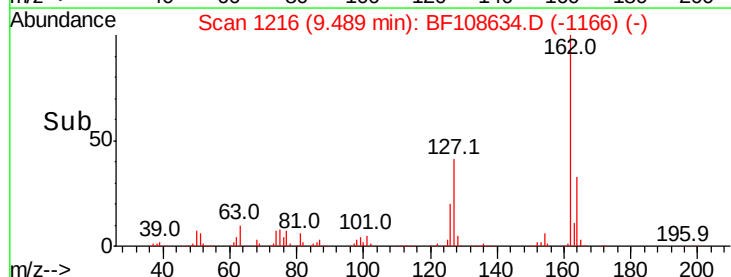


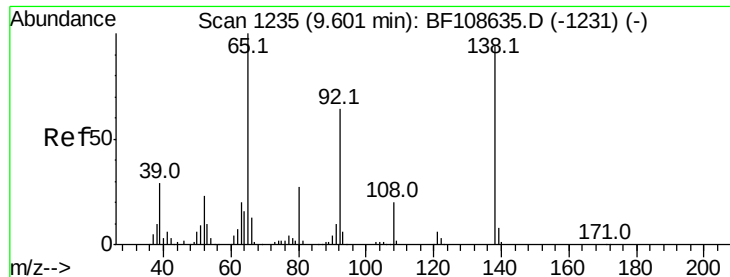
#46
 2-Chloronaphthalene
 Concen: 29.374 ng
 RT: 9.49 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF108634.D
 Acq: 30 Aug 2018 11:40

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.5	33.9	50.9
164	32.7	26.5	39.7



Abundance Ion 162.00 (161.70 to 162.70): E
 600000 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 30.392 ng

RT: 9.60 min Scan# 1235

Delta R.T. 0.00 min

Lab File: BF108634.D

Acq: 30 Aug 2018 11:40

Instrument :

BNA_F

ClientSampled :

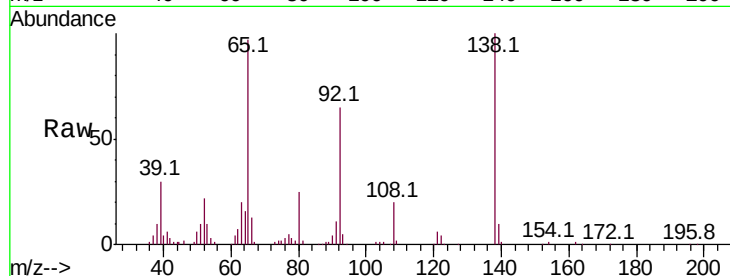
Tot Ion: 65 Resp: 163532

Ion Ratio Lower Upper

65 100

92 66.6 55.8 83.6

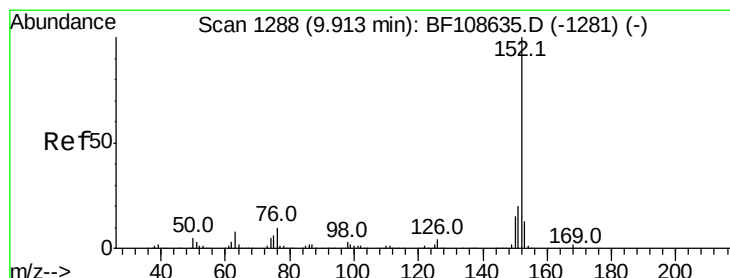
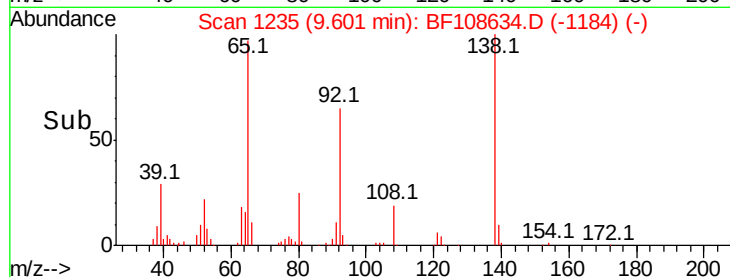
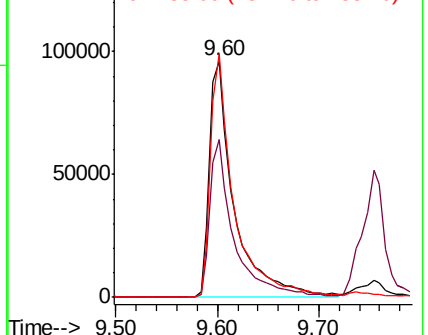
138 103.0 91.2 136.8



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): BF1



#48

Acenaphthylene

Concen: 27.573 ng

RT: 9.91 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF108634.D

Acq: 30 Aug 2018 11:40

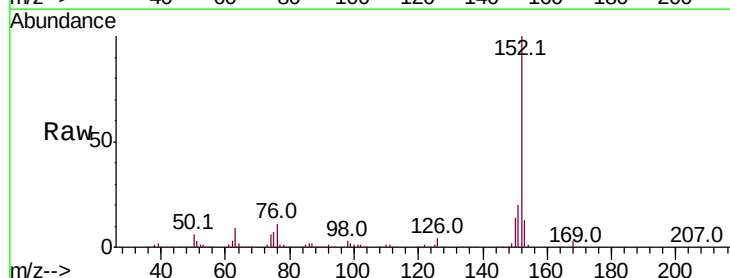
Tgt Ion: 152 Resp: 724928

Ion Ratio Lower Upper

152 100

151 19.9 16.3 24.5

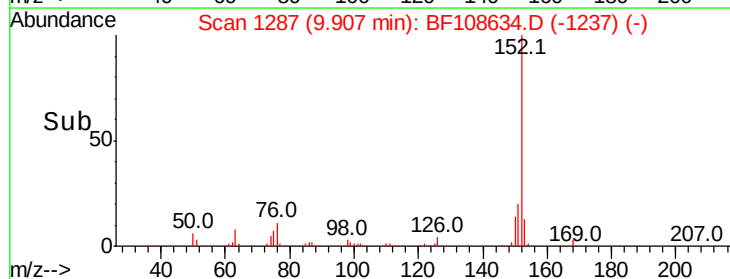
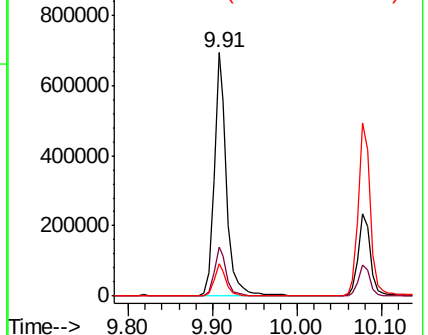
153 13.2 10.7 16.1

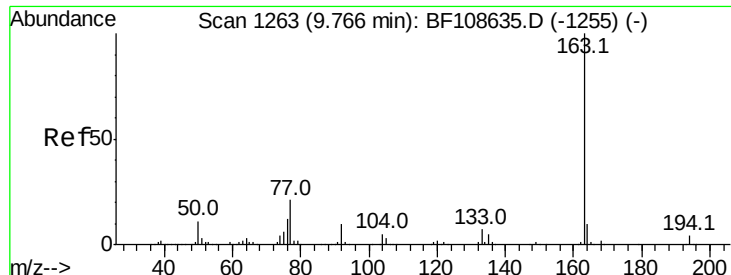


Abundance Ion 152.00 (151.70 to 152.70): BF1

Ion 151.00 (150.70 to 151.70): BF1

Ion 153.00 (152.70 to 153.70): BF1

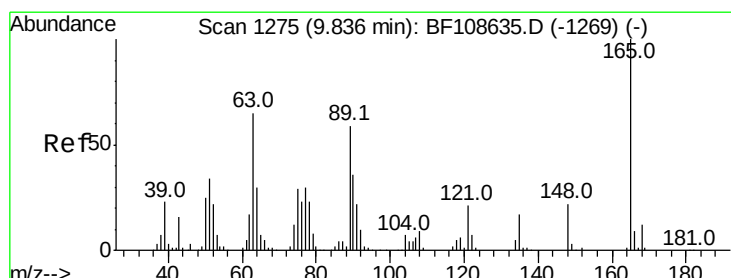
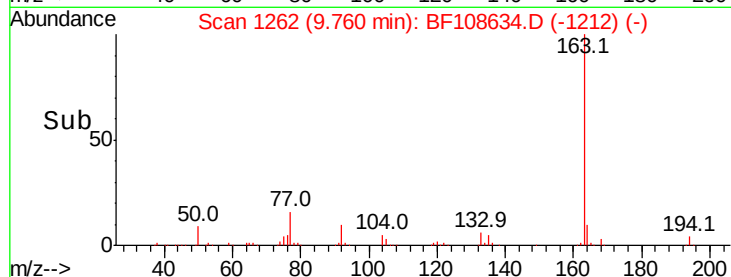
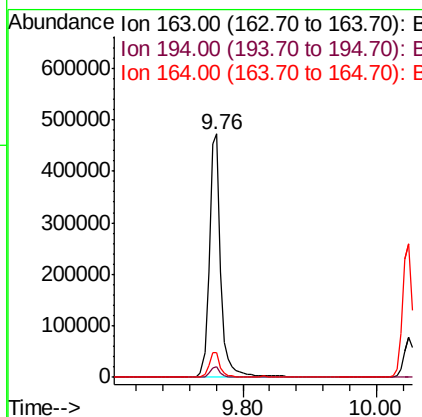
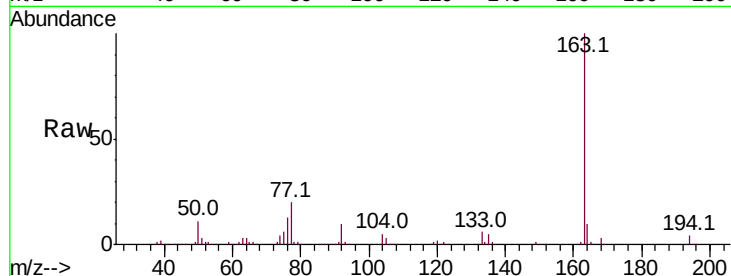




#49
Dimethylphthalate
Concen: 28.448 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BF108634.D
Acq: 30 Aug 2018 11:40

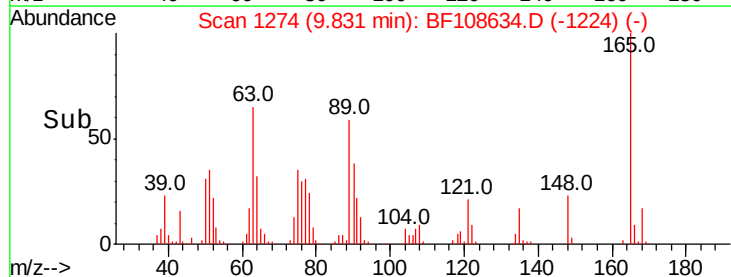
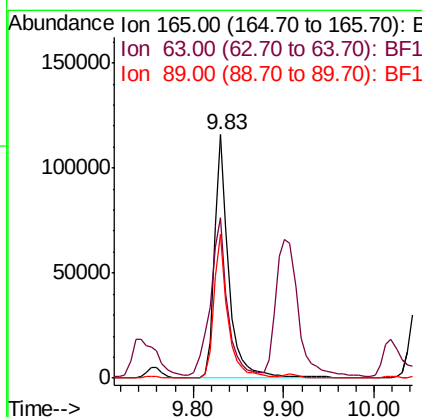
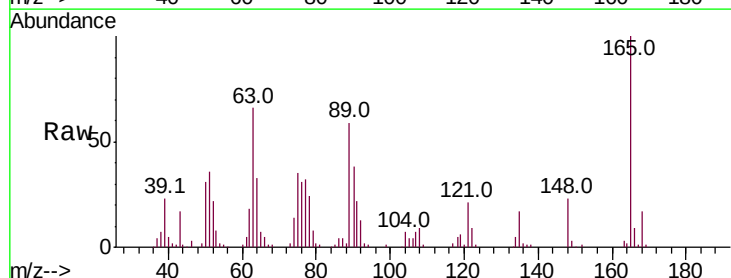
Instrument :
BNA_F
ClientSampleId :

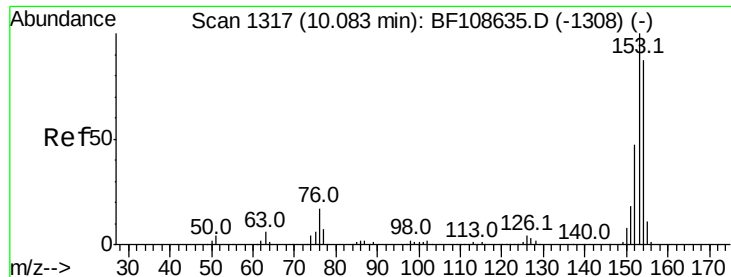
Tot Ion:163 Resp: 565519
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 10.0 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 30.353 ng
RT: 9.83 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF108634.D
Acq: 30 Aug 2018 11:40

Tgt Ion:165 Resp: 126239
Ion Ratio Lower Upper
165 100
63 65.7 44.7 67.1
89 59.0 44.0 66.0





#51

Acenaphthene

Concen: 26.049 ng

RT: 10.08 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF108634.D

Acq: 30 Aug 2018 11:40

Instrument :

BNA_F

ClientSampleId :

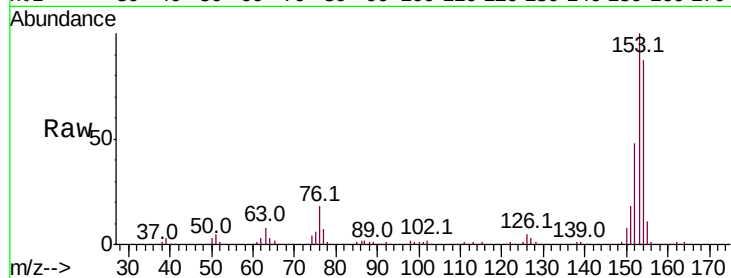
Tot Ion:154 Resp: 419463

Ion Ratio Lower Upper

154 100

153 114.3 91.2 136.8

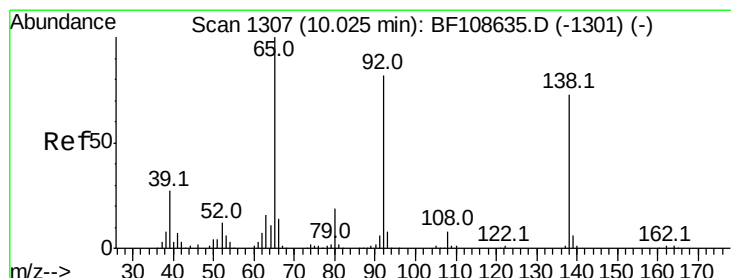
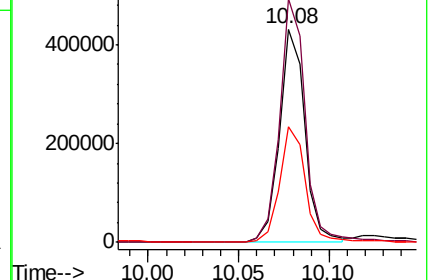
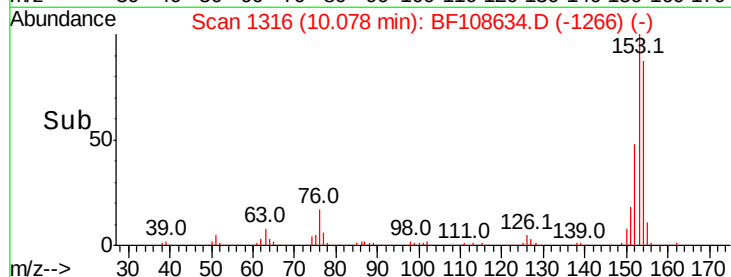
152 54.4 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 29.710 ng

RT: 10.02 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF108634.D

Acq: 30 Aug 2018 11:40

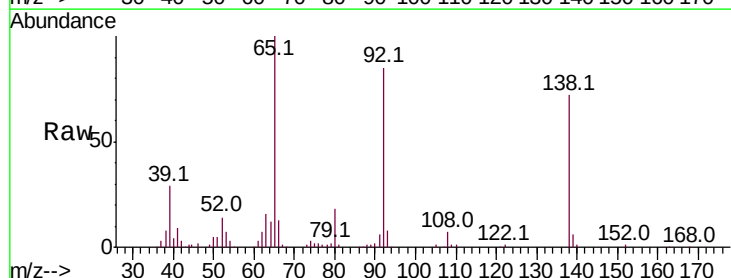
Tgt Ion:138 Resp: 135196

Ion Ratio Lower Upper

138 100

108 10.3 9.4 14.0

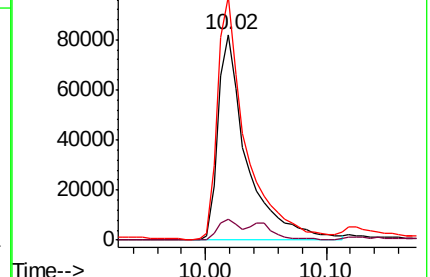
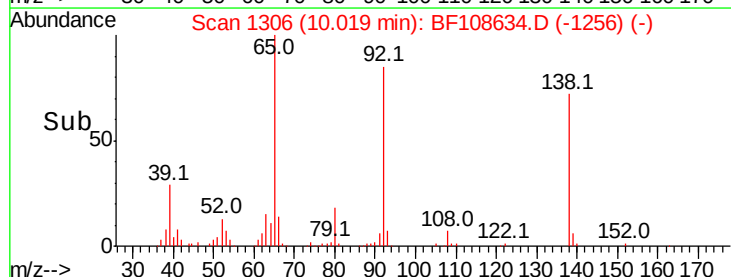
92 118.3 89.4 134.2

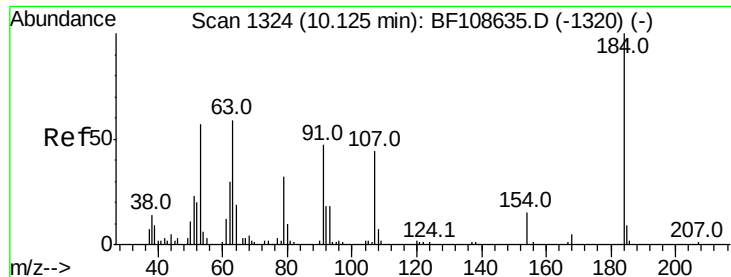


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

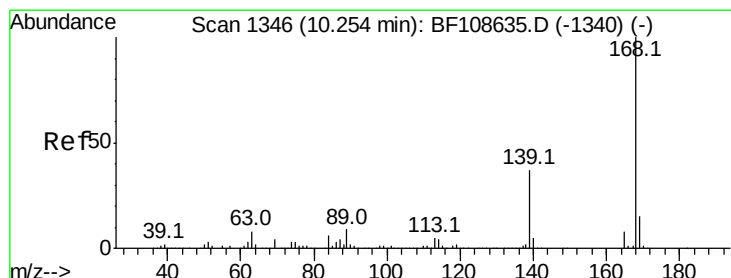
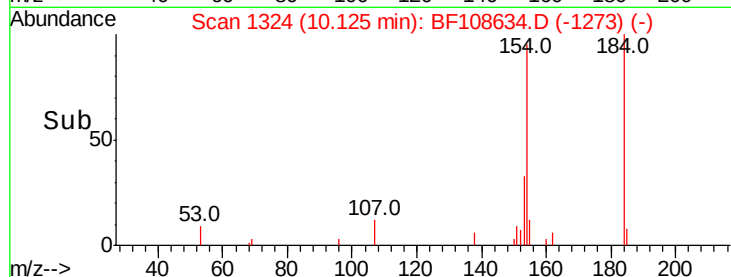
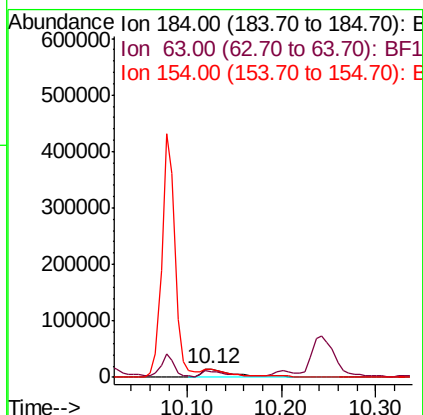
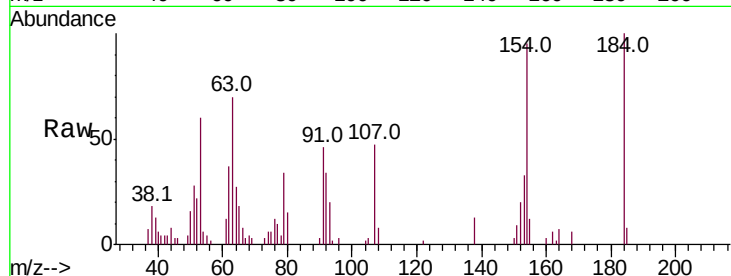




#53
 2,4-Dinitrophenol
 Concen: 29.844 ng
 RT: 10.12 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: BF108634.D
 Acq: 30 Aug 2018 11:40

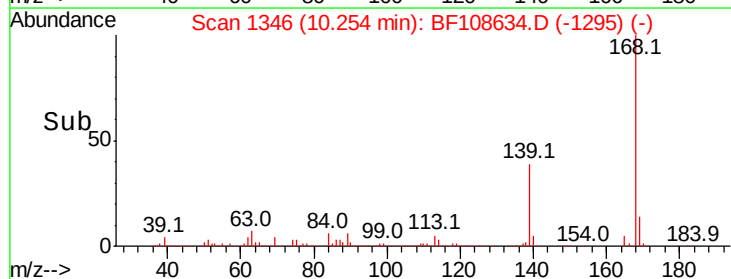
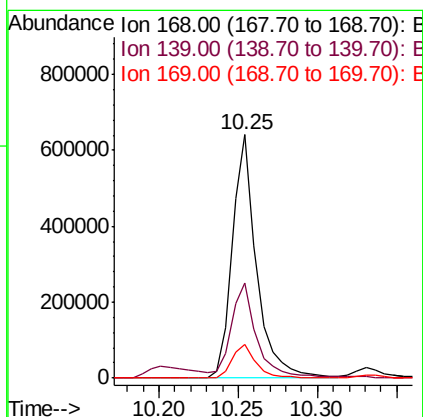
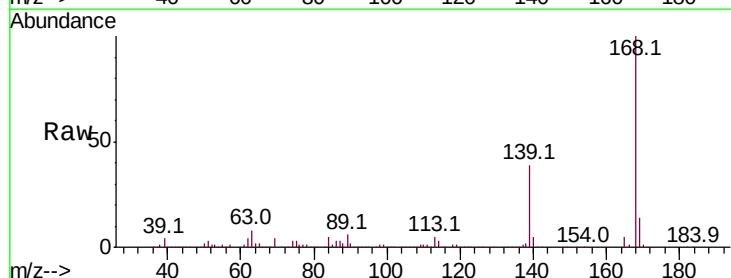
Instrument :
 BNA_F
 ClientSampled :

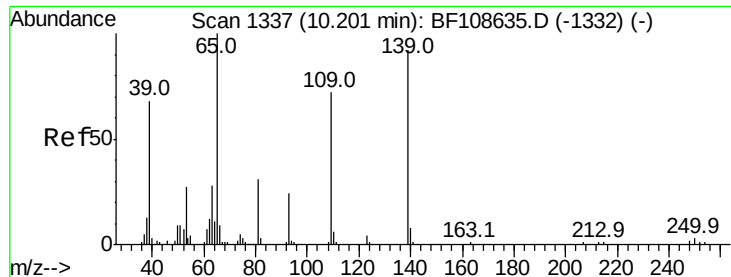
Tot Ion:184 Resp: 39010
 Ion Ratio Lower Upper
 184 100
 63 70.1 54.2 81.2
 154 95.0 184.0 276.0#



#54
 Dibenzofuran
 Concen: 29.130 ng
 RT: 10.25 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: BF108634.D
 Acq: 30 Aug 2018 11:40

Tgt Ion:168 Resp: 679586
 Ion Ratio Lower Upper
 168 100
 139 39.2 30.1 45.1
 169 14.1 10.9 16.3

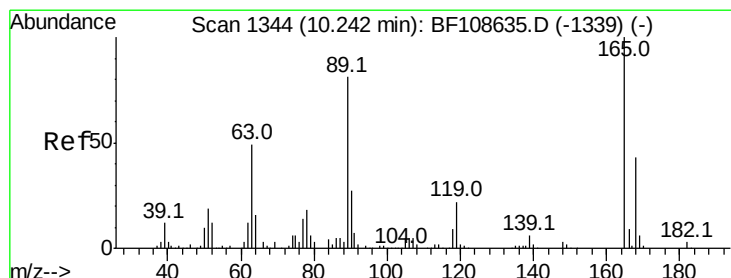
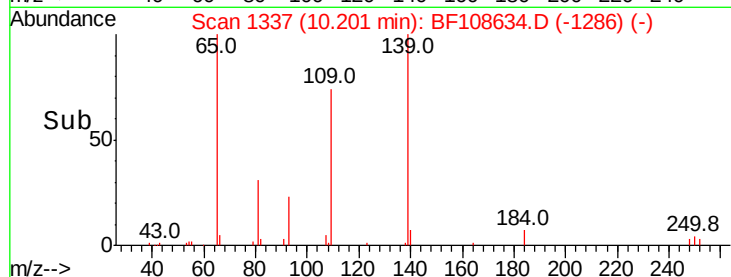
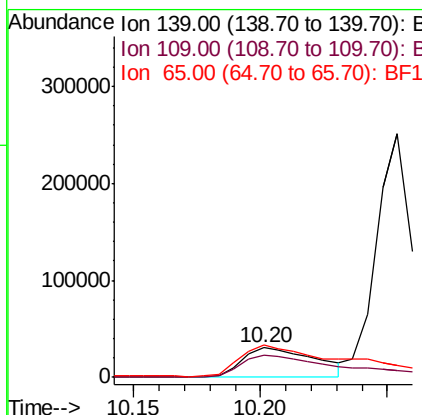
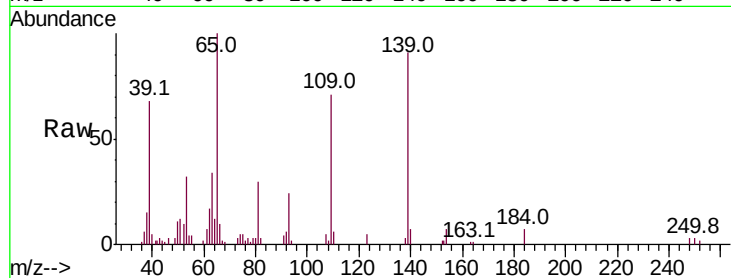




#55
4-Nitrophenol
Concen: 17.493 ng
RT: 10.20 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF108634.D
Acq: 30 Aug 2018 11:40

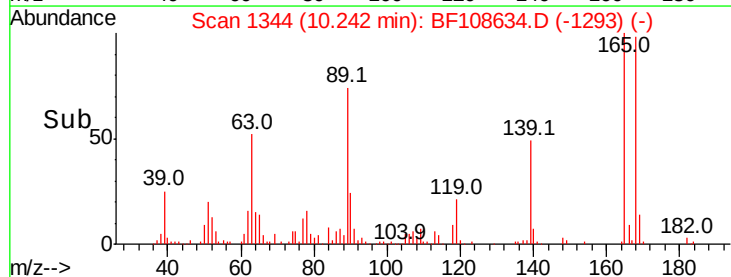
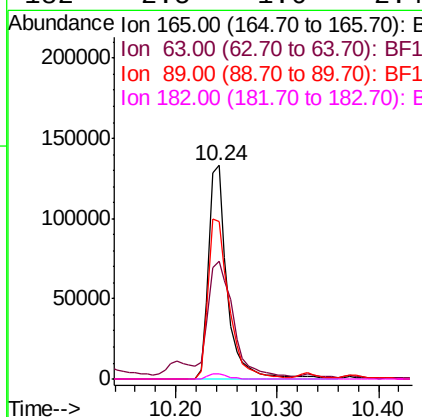
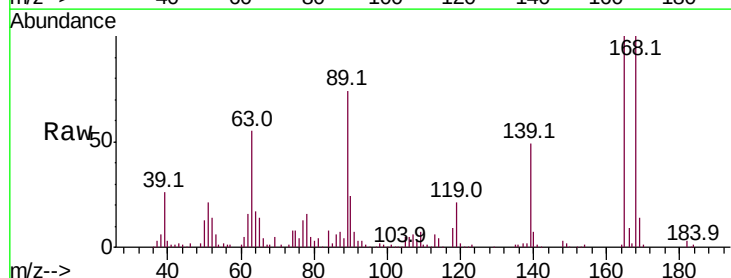
Instrument :
BNA_F
ClientSampleId :

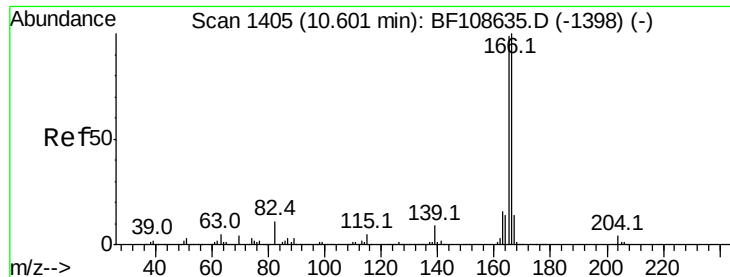
Tot Ion:139 Resp: 60279
Ion Ratio Lower Upper
139 100
109 77.3 48.4 88.4
65 109.3 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 31.931 ng
RT: 10.24 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BF108634.D
Acq: 30 Aug 2018 11:40

Tgt Ion:165 Resp: 170943
Ion Ratio Lower Upper
165 100
63 55.1 36.4 54.6#
89 73.9 57.8 86.6
182 2.5 1.6 2.4#

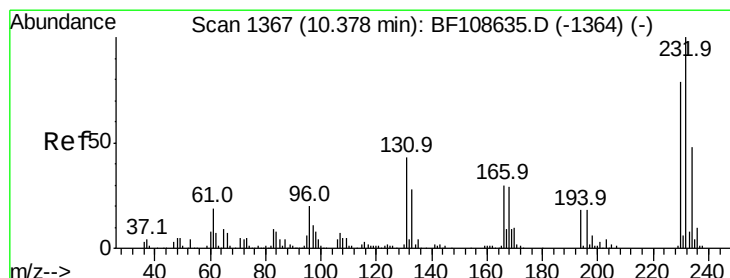
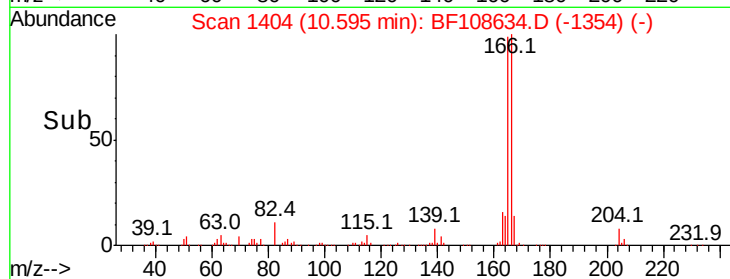
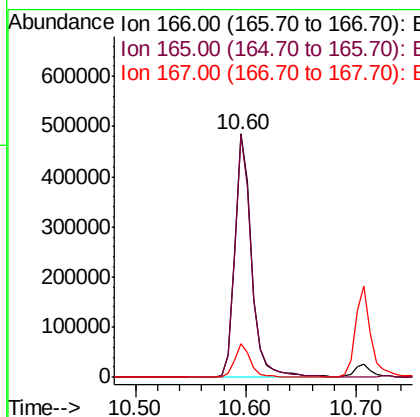
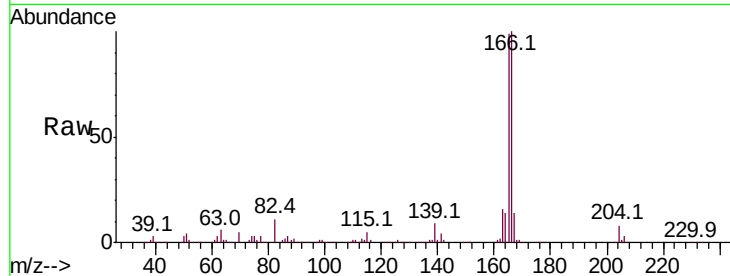




#57
 Fluorene
 Concen: 28.163 ng
 RT: 10.60 min Scan# 1404
 Delta R.T. -0.01 min
 Lab File: BF108634.D
 Acq: 30 Aug 2018 11:40

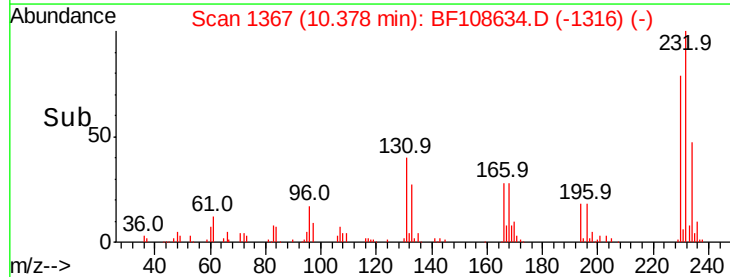
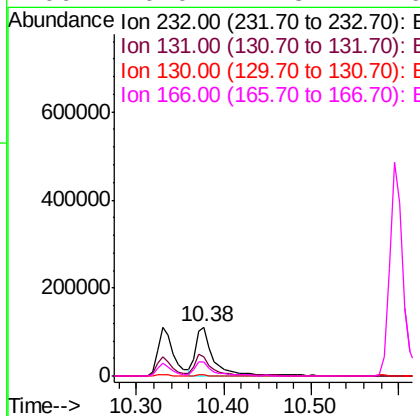
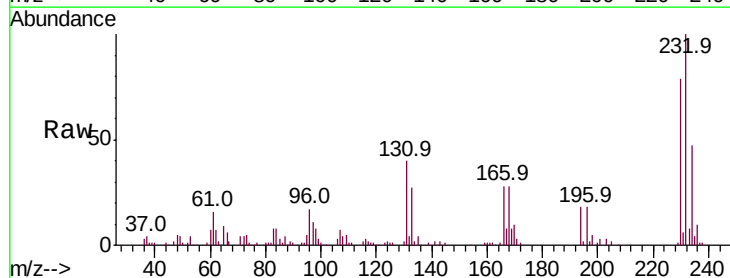
Instrument :
 BNA_F
 ClientSampleId :

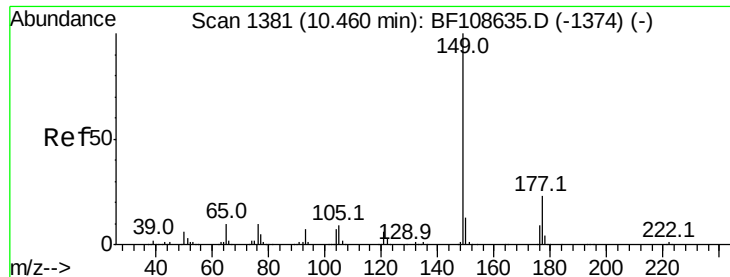
Tot Ion:166 Resp: 520123
 Ion Ratio Lower Upper
 166 100
 165 99.4 79.8 119.8
 167 13.6 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 31.315 ng
 RT: 10.38 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: BF108634.D
 Acq: 30 Aug 2018 11:40

Tgt Ion:232 Resp: 156691
 Ion Ratio Lower Upper
 232 100
 131 39.7 43.8 65.8#
 130 2.0 2.1 3.1#
 166 26.0 27.8 41.6#

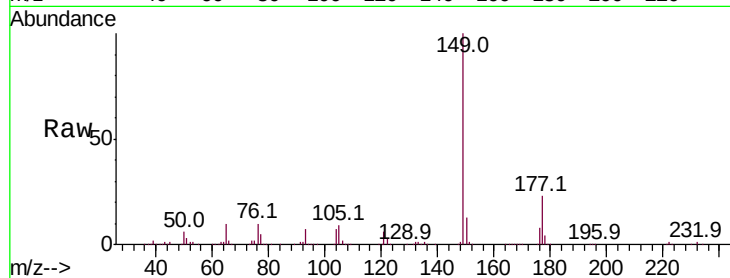




#59
Diethylphthalate
Concen: 29.574 ng
RT: 10.45 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF108634.D
Acq: 30 Aug 2018 11:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.9	16.1	24.1
150	12.7	10.1	15.1

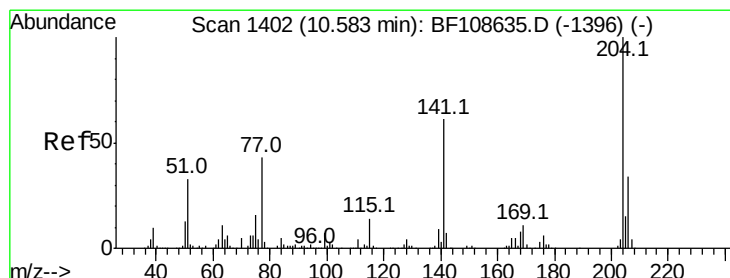
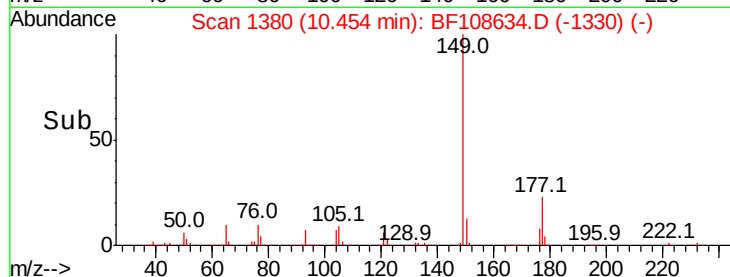
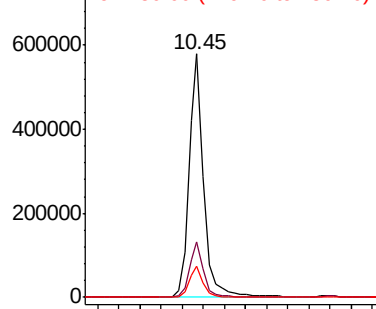


Abundance

Ion 149.00 (148.70 to 149.70): E

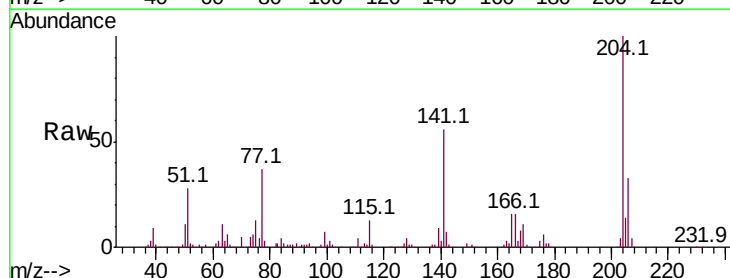
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60
4-Chlorophenyl-phenylether
Concen: 30.558 ng
RT: 10.58 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BF108634.D
Acq: 30 Aug 2018 11:40

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.5	39.7
141	56.5	54.6	81.8

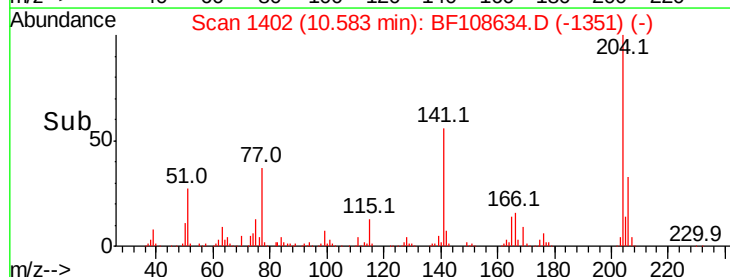
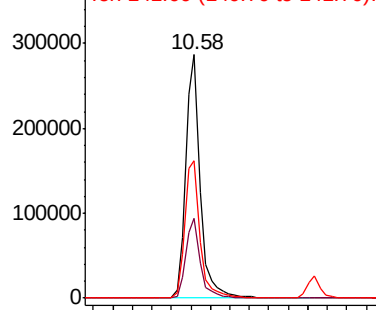


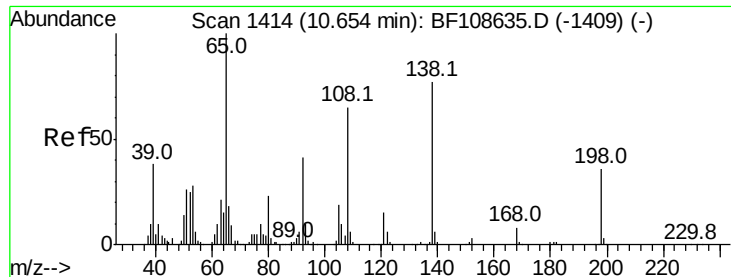
Abundance

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

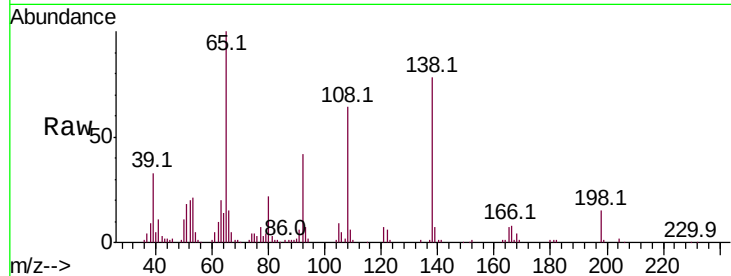




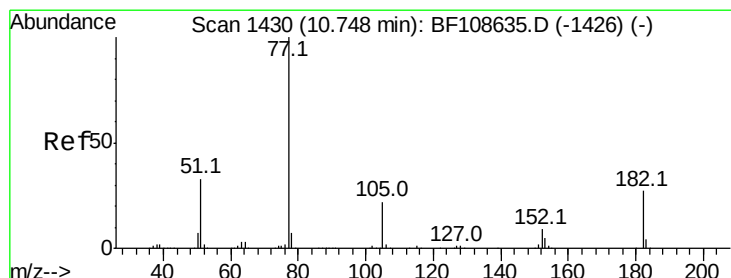
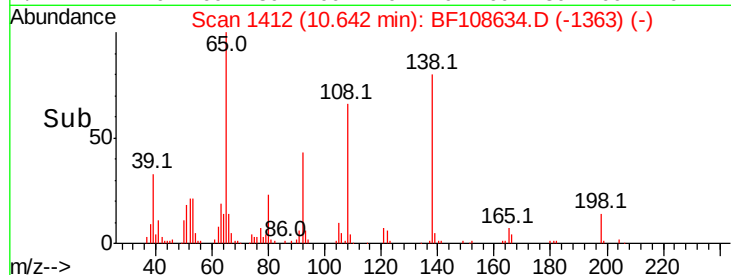
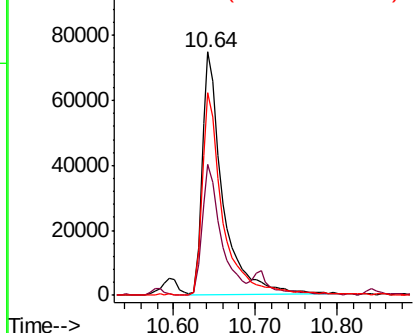
#61
4-Nitroaniline
Concen: 29.221 ng
RT: 10.64 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF108634.D
Acq: 30 Aug 2018 11:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 131464
Ion Ratio Lower Upper
138 100
92 53.6 30.2 70.2
108 83.1 52.5 92.5

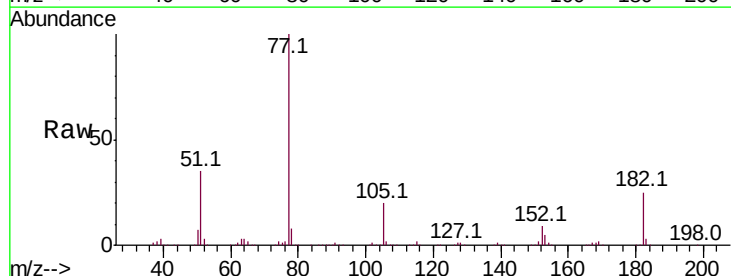


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

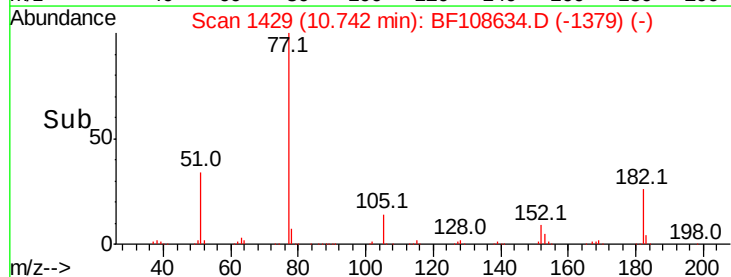
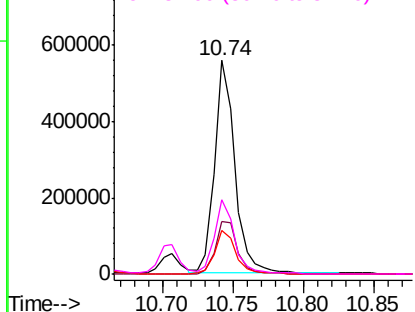


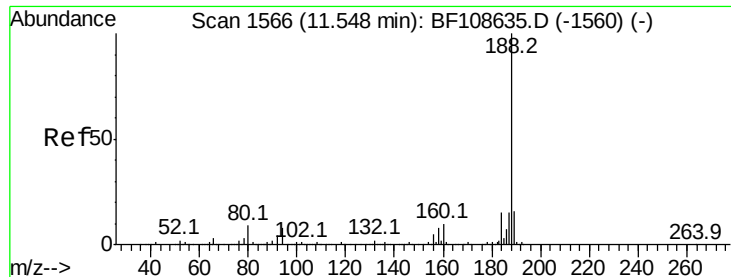
#62
Azobenzene
Concen: 28.221 ng
RT: 10.74 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF108634.D
Acq: 30 Aug 2018 11:40

Tgt Ion: 77 Resp: 561012
Ion Ratio Lower Upper
77 100
182 24.9 1.7 41.7
105 20.4 3.0 43.0
51 34.7 9.9 49.9



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

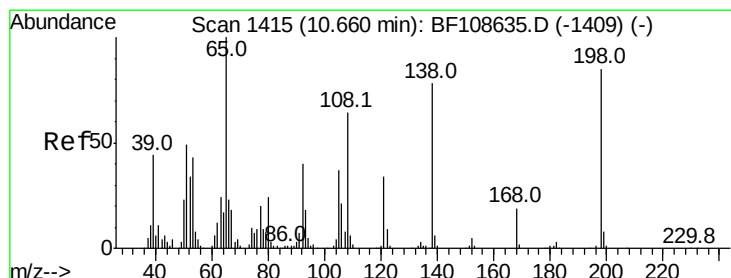
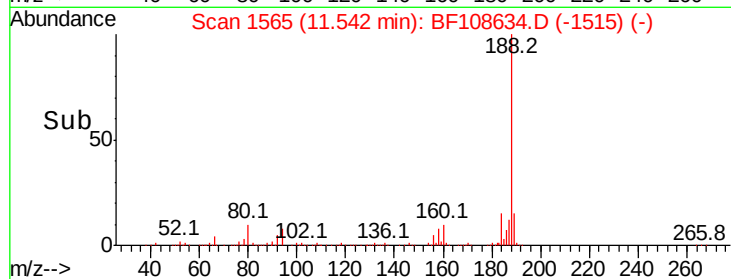
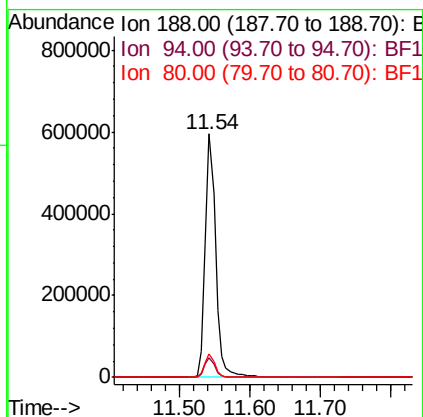
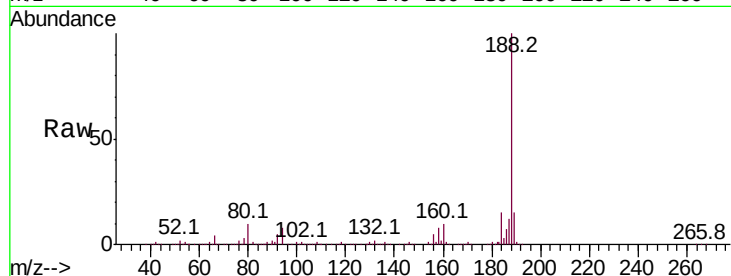




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108634.D
Acq: 30 Aug 2018 11:40

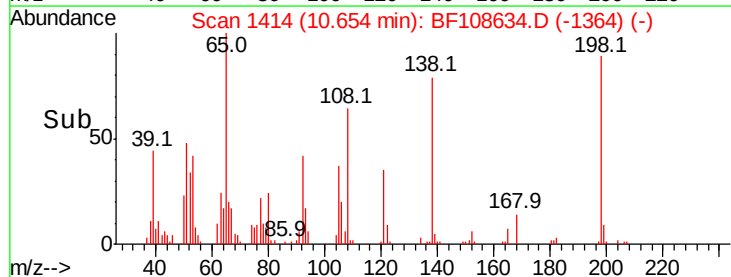
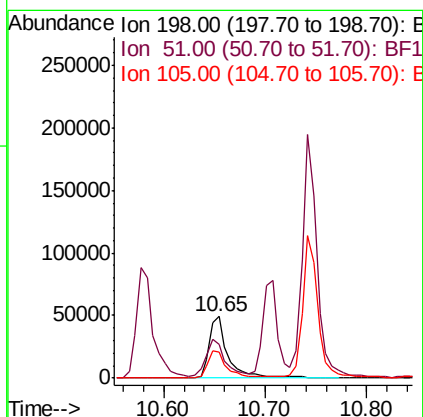
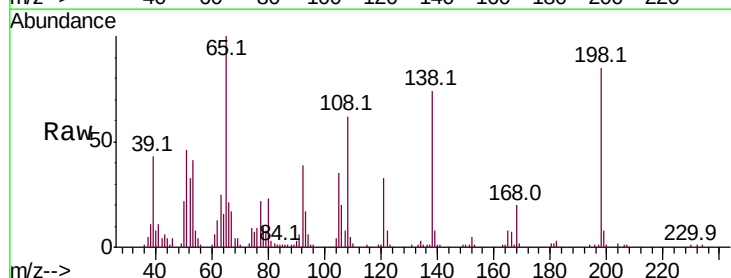
Instrument :
BNA_F
ClientSampleId :

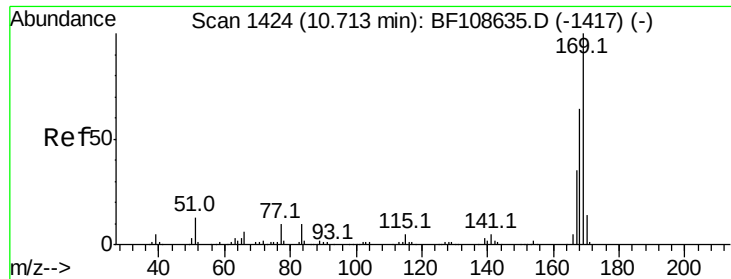
Tot Ion:188 Resp: 614976
Ion Ratio Lower Upper
188 100
94 8.2 8.5 12.7#
80 9.7 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 30.039 ng
RT: 10.65 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BF108634.D
Acq: 30 Aug 2018 11:40

Tgt Ion:198 Resp: 63672
Ion Ratio Lower Upper
198 100
51 54.8 37.7 77.7
105 41.3 36.3 76.3

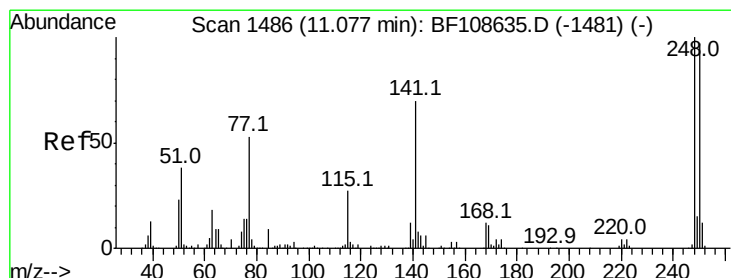
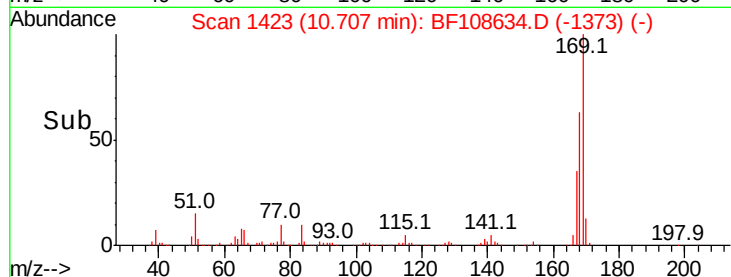
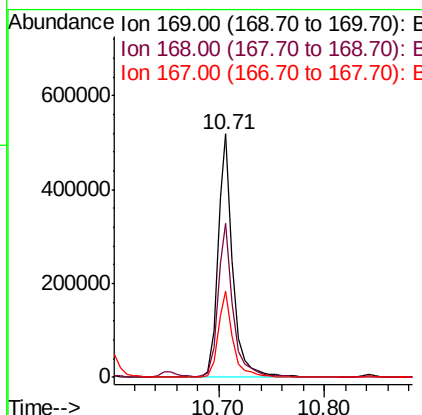
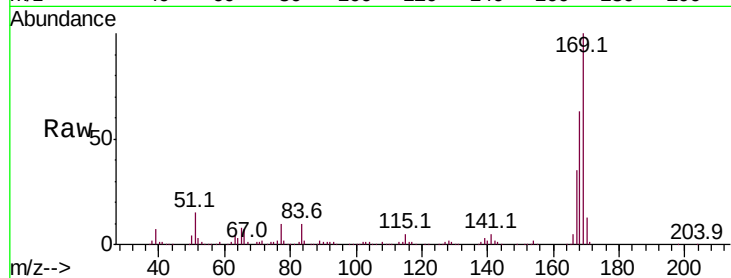




#65
 n-Nitrosodiphenylamine
 Concen: 28.272 ng
 RT: 10.71 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF108634.D
 Acq: 30 Aug 2018 11:40

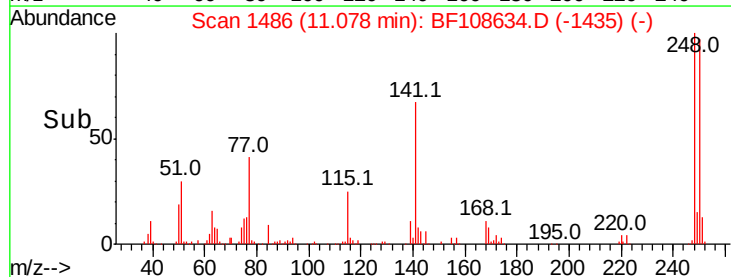
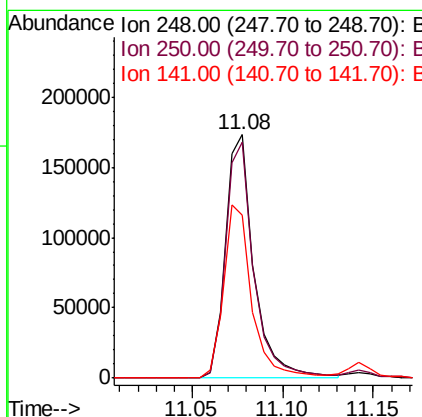
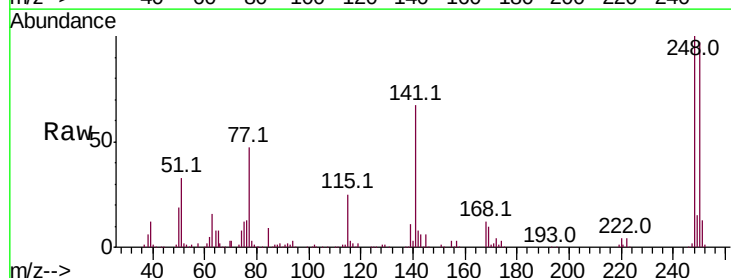
Instrument :
 BNA_F
 ClientSampleId :

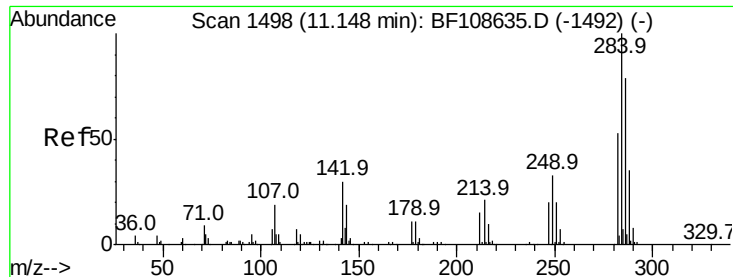
Tot Ion:169 Resp: 513794
 Ion Ratio Lower Upper
 169 100
 168 63.3 54.4 81.6
 167 35.3 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 28.375 ng
 RT: 11.08 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: BF108634.D
 Acq: 30 Aug 2018 11:40

Tgt Ion:248 Resp: 189635
 Ion Ratio Lower Upper
 248 100
 250 97.0 76.9 115.3
 141 66.8 74.4 111.6#

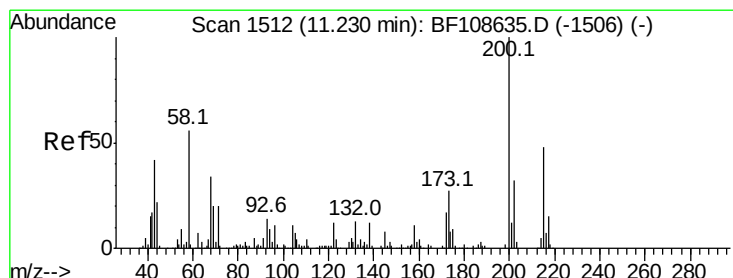
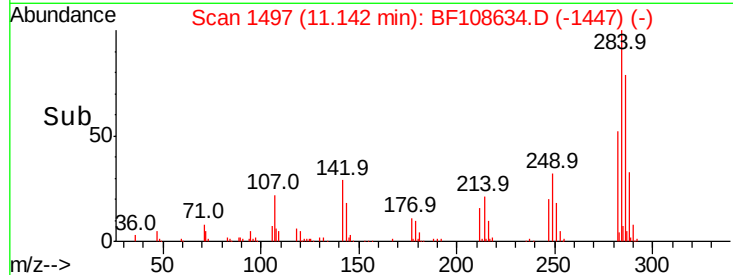
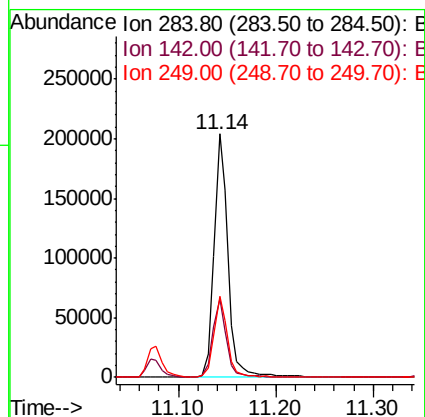
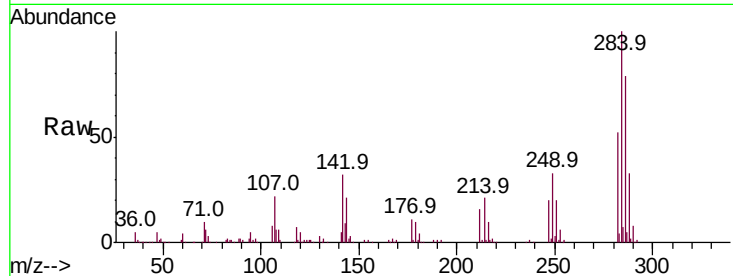




#67
Hexachlorobenzene
Concen: 28.853 ng
RT: 11.14 min Scan# 1497
Delta R.T. -0.01 min
Lab File: BF108634.D
Acq: 30 Aug 2018 11:40

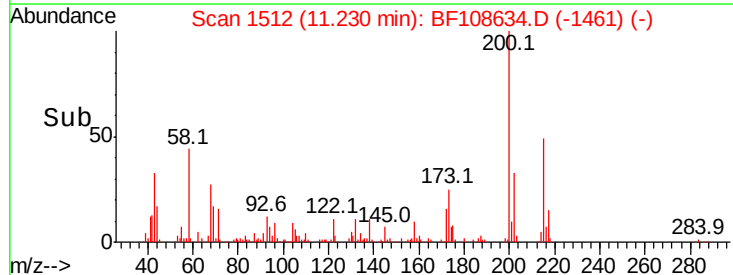
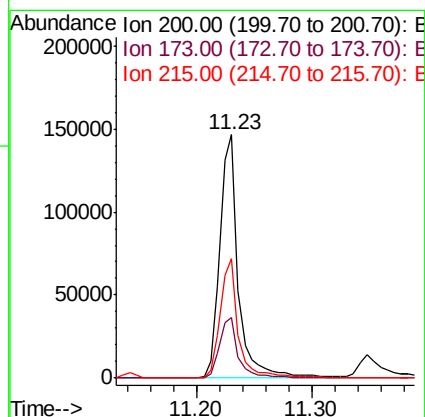
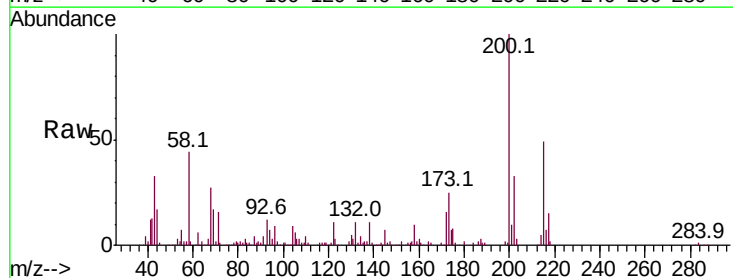
Instrument :
BNA_F
ClientSampled :

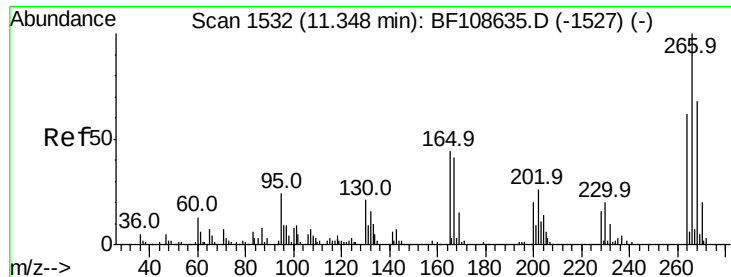
Tot Ion	Ratio	Lower	Upper
284	100		
142	32.3	34.6	52.0#
249	33.1	24.8	37.2



#68
Atrazine
Concen: 26.812 ng
RT: 11.23 min Scan# 1512
Delta R.T. 0.00 min
Lab File: BF108634.D
Acq: 30 Aug 2018 11:40

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.7	8.6	48.6
215	49.1	25.1	65.1

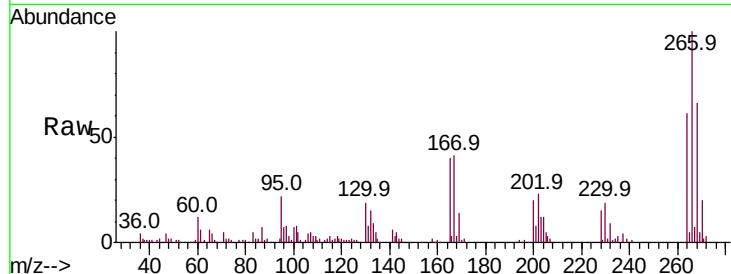




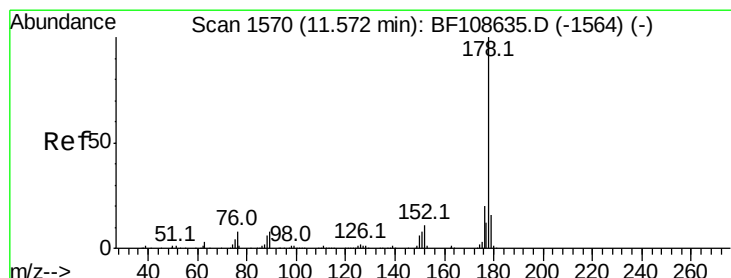
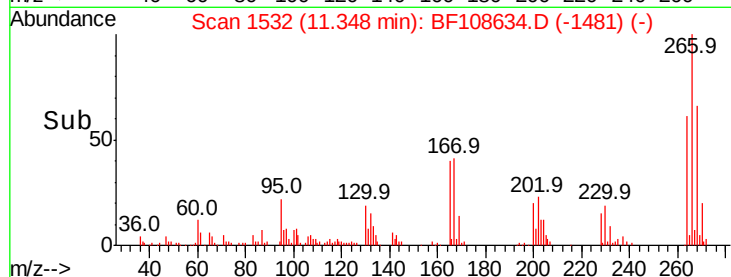
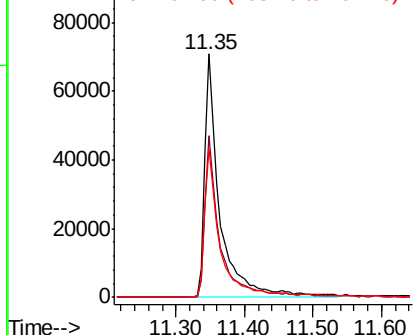
#69
 Pentachlorophenol
 Concen: 33.352 ng
 RT: 11.35 min Scan# 1532
 Delta R.T. 0.00 min
 Lab File: BF108634.D
 Acq: 30 Aug 2018 11:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.2	51.1	76.7
264	61.3	49.5	74.3

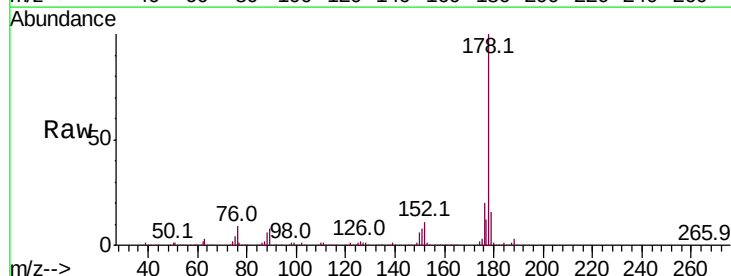


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

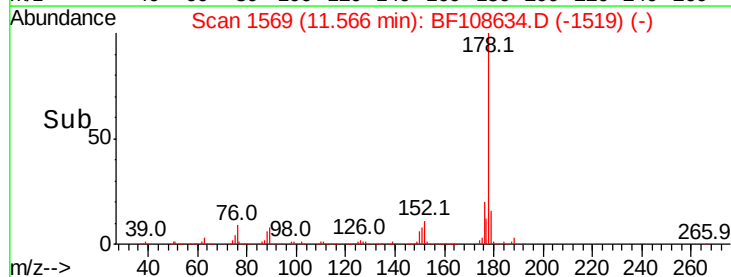
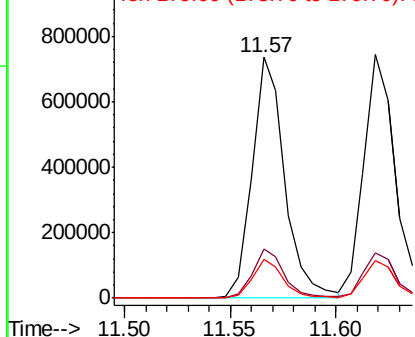


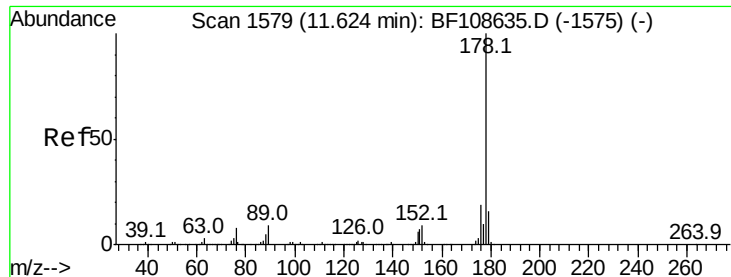
#70
 Phenanthrene
 Concen: 27.072 ng
 RT: 11.57 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF108634.D
 Acq: 30 Aug 2018 11:40

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.8	23.8
179	15.9	13.0	19.6



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





#71

Anthracene

Concen: 27.596 ng

RT: 11.62 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BF108634.D

Acq: 30 Aug 2018 11:40

Instrument :

BNA_F

ClientSampleId :

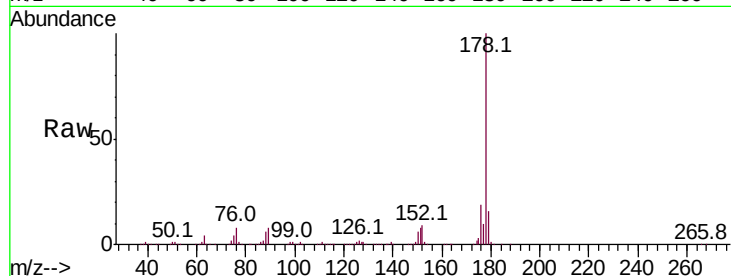
Tot Ion:178 Resp: 820412

Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.2

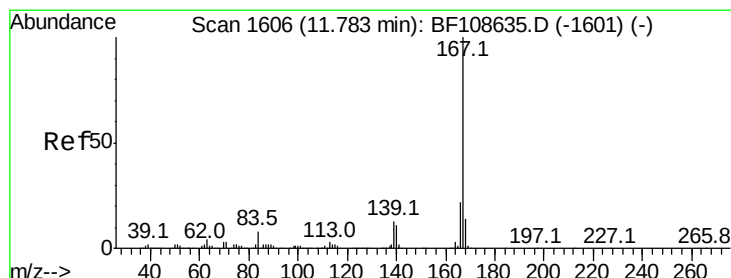
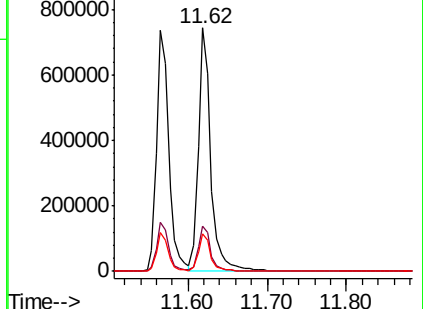
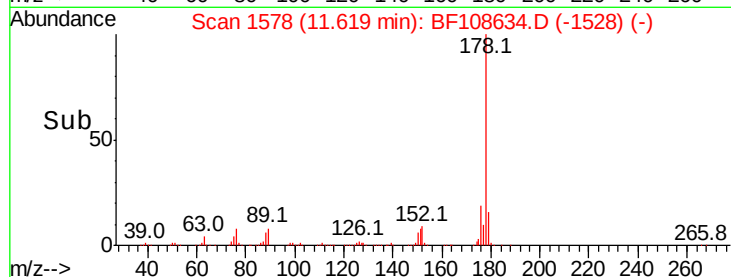
179 15.7 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 30.245 ng

RT: 11.78 min Scan# 1606

Delta R.T. 0.00 min

Lab File: BF108634.D

Acq: 30 Aug 2018 11:40

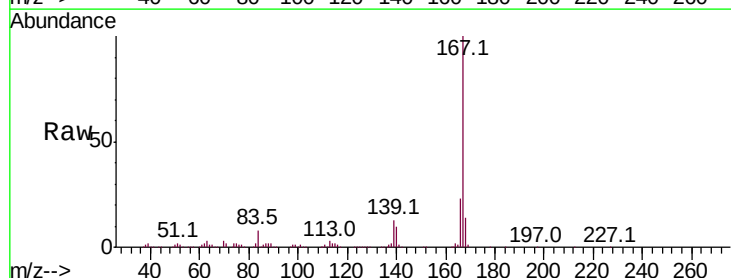
Tgt Ion:167 Resp: 798895

Ion Ratio Lower Upper

167 100

166 22.7 17.6 26.4

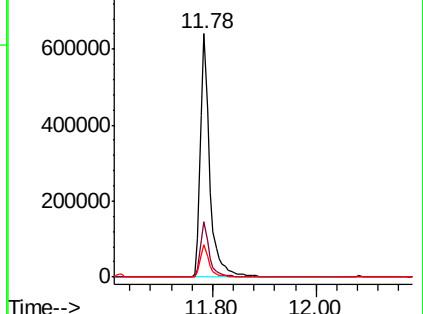
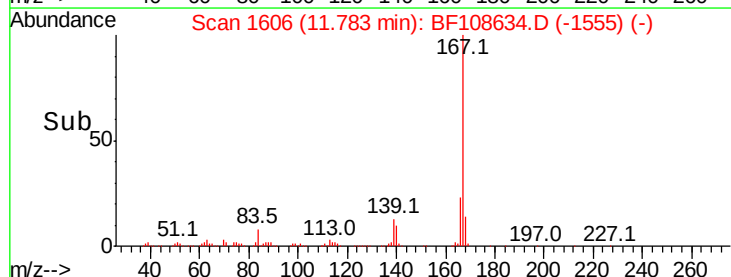
139 13.2 10.9 16.3

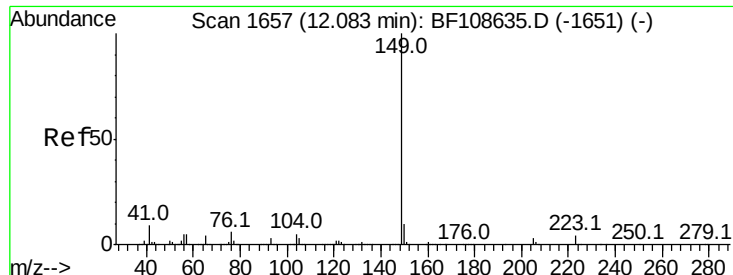


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

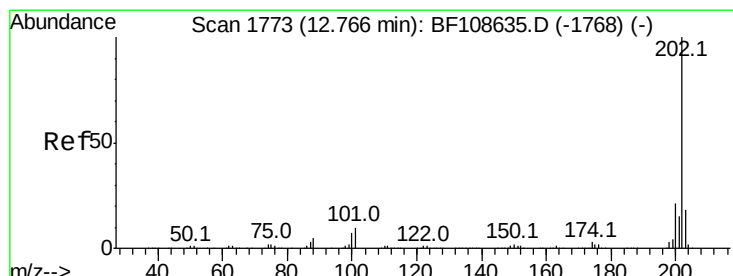
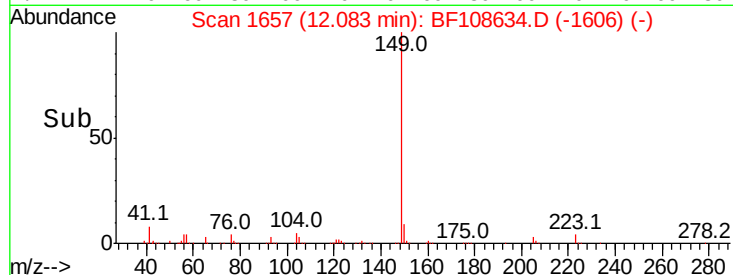
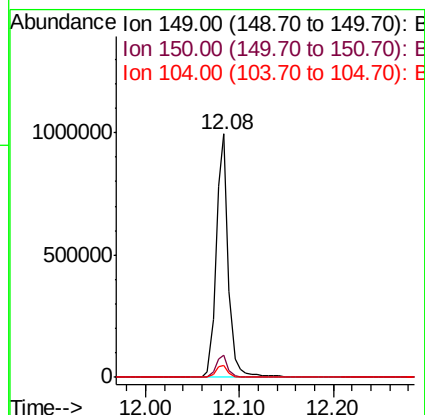
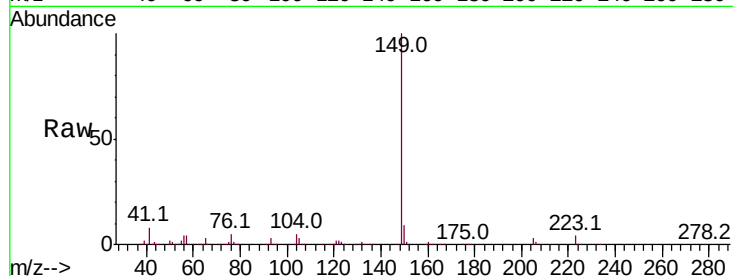




#73
Di-n-butylphthalate
Concen: 30.580 ng
RT: 12.08 min Scan# 1657
Delta R.T. 0.00 min
Lab File: BF108634.D
Acq: 30 Aug 2018 11:40

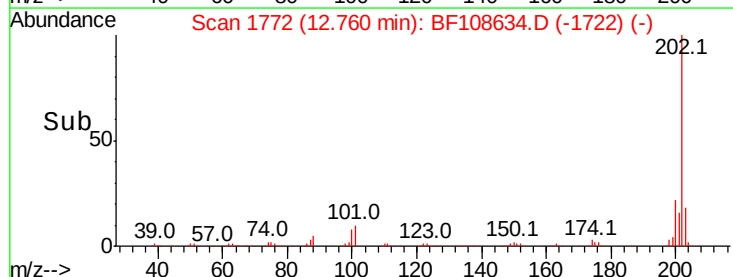
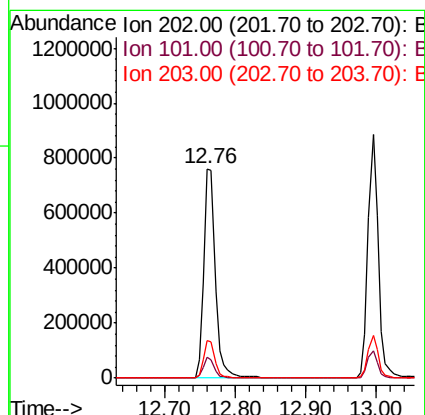
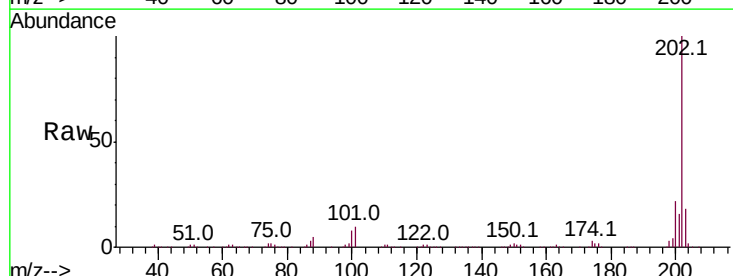
Instrument :
BNA_F
ClientSampled :

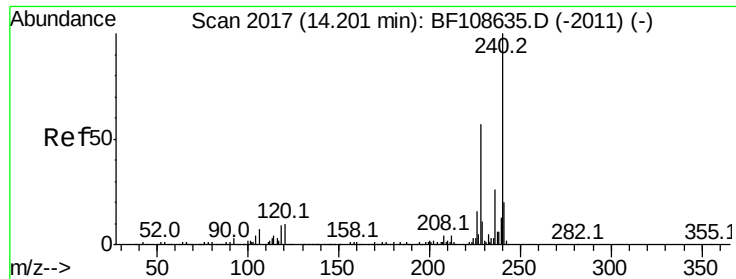
Tot Ion:149 Resp: 914916
Ion Ratio Lower Upper
149 100
150 9.2 7.8 11.6
104 5.1 3.8 5.8



#74
Fluoranthene
Concen: 27.948 ng
RT: 12.76 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BF108634.D
Acq: 30 Aug 2018 11:40

Tgt Ion:202 Resp: 884751
Ion Ratio Lower Upper
202 100
101 10.2 0.0 34.1
203 17.9 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.20 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BF108634.D

Acq: 30 Aug 2018 11:40

Instrument :

BNA_F

ClientSampleId :

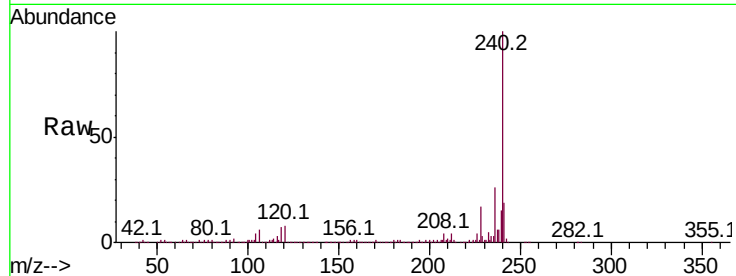
Tot Ion:240 Resp: 495974

Ion Ratio Lower Upper

240 100

120 8.2 9.5 14.3#

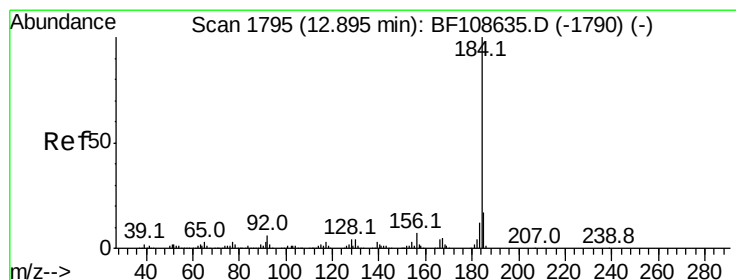
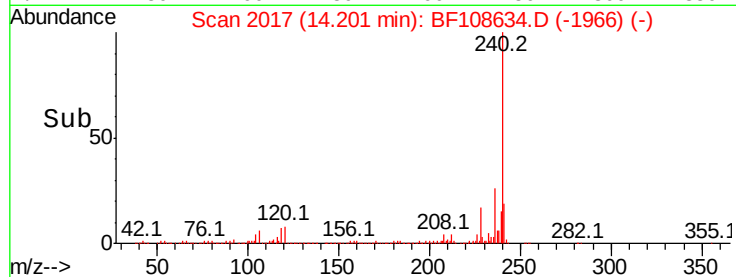
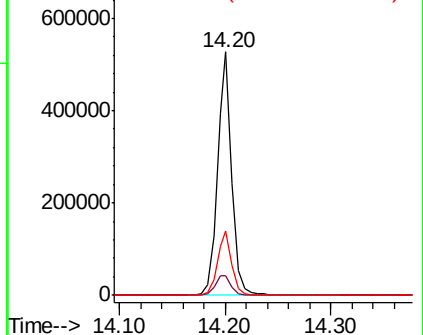
236 26.4 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 18.337 ng

RT: 12.90 min Scan# 1795

Delta R.T. 0.00 min

Lab File: BF108634.D

Acq: 30 Aug 2018 11:40

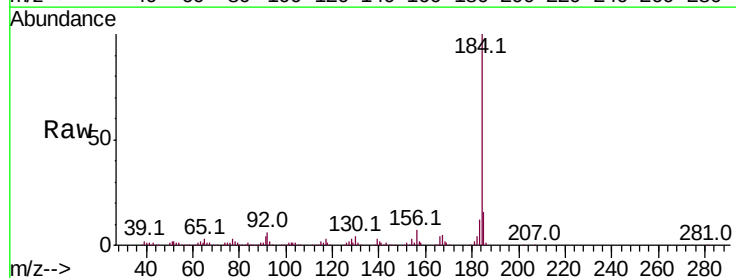
Tgt Ion:184 Resp: 339804

Ion Ratio Lower Upper

184 100

185 15.6 12.6 18.8

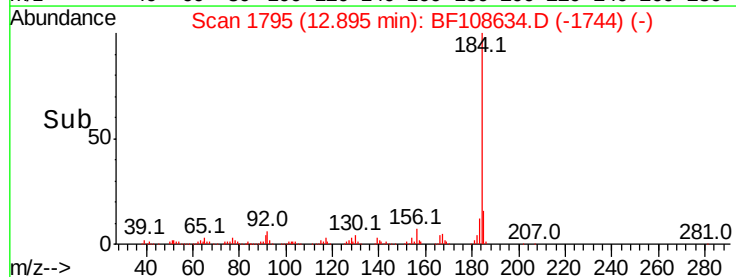
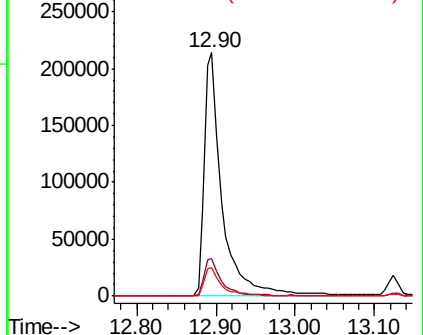
183 11.9 9.3 13.9

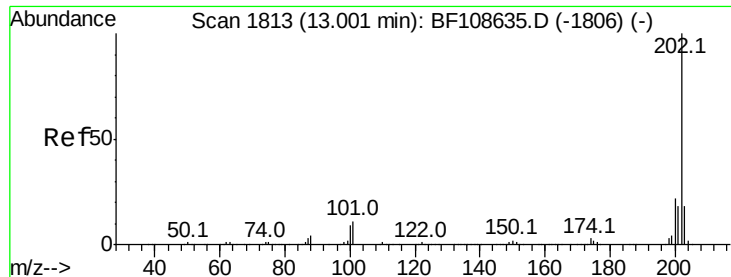


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

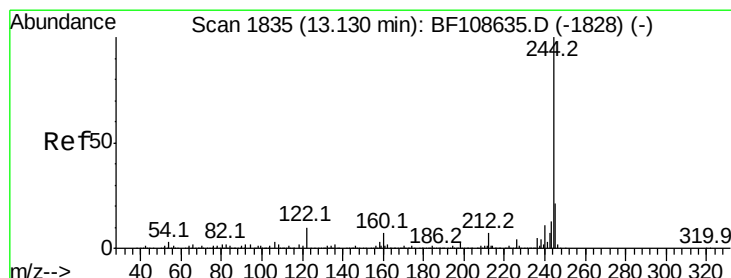
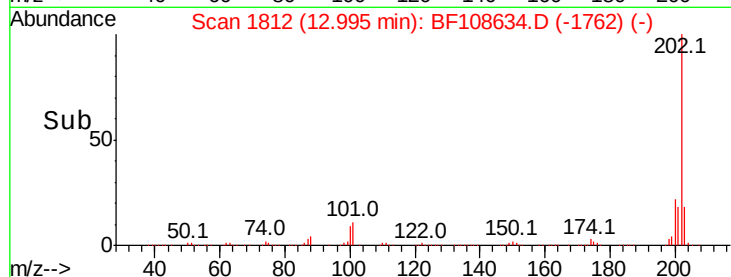
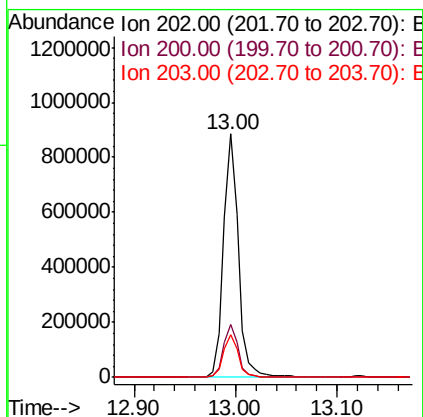
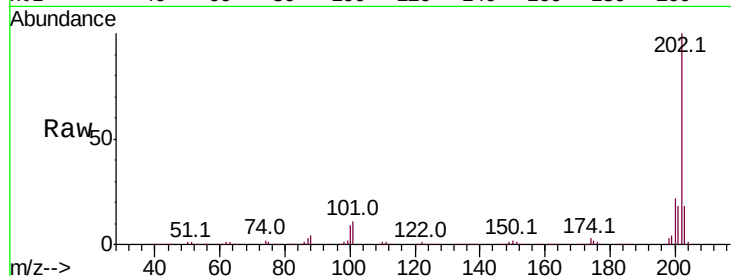




#77
Pvrene
Concen: 28.837 ng
RT: 13.00 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF108634.D
Acq: 30 Aug 2018 11:40

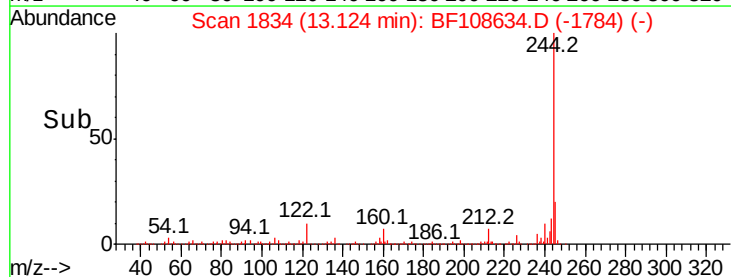
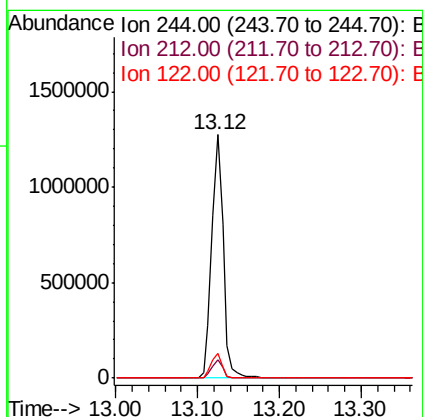
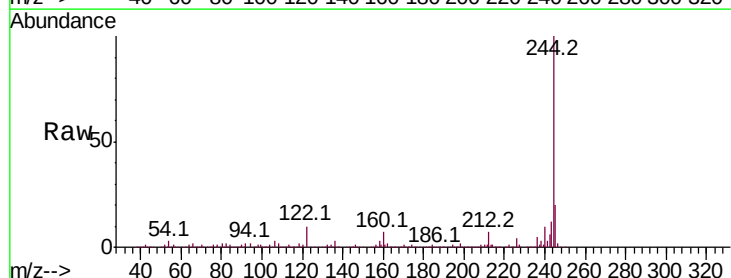
Instrument :
BNA_F
ClientSampled :

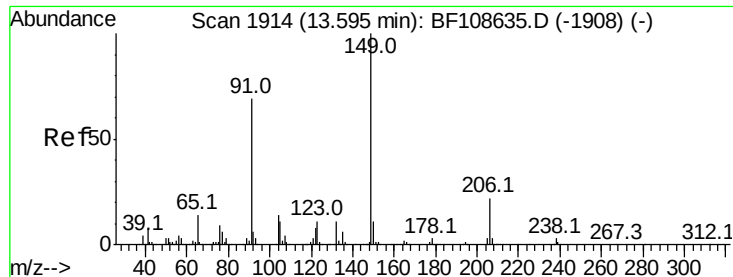
Tot Ion:202 Resp: 905495
Ion Ratio Lower Upper
202 100
200 21.5 17.4 26.2
203 17.7 14.3 21.5



#78
Terphenyl-d14
Concen: 64.455 ng
RT: 13.12 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BF108634.D
Acq: 30 Aug 2018 11:40

Tgt Ion:244 Resp: 1257307
Ion Ratio Lower Upper
244 100
212 7.4 5.4 8.0
122 9.9 11.0 16.4#

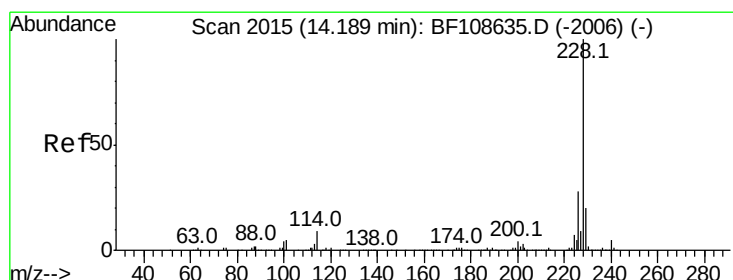
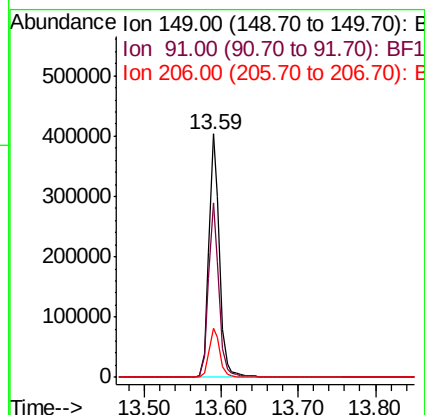
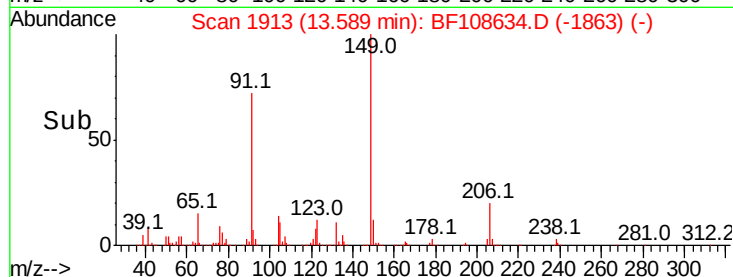
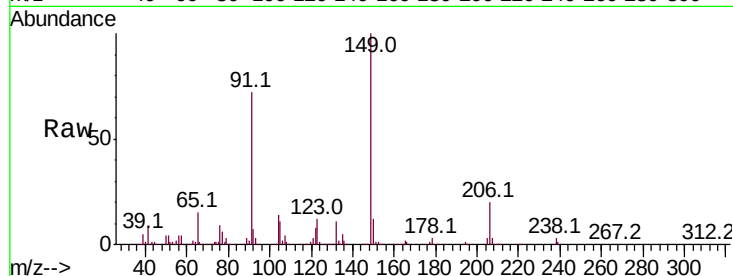




#79
 Butylbenzylphthalate
 Concen: 30.938 ng
 RT: 13.59 min Scan# 1913
 Delta R.T. -0.01 min
 Lab File: BF108634.D
 Acq: 30 Aug 2018 11:40

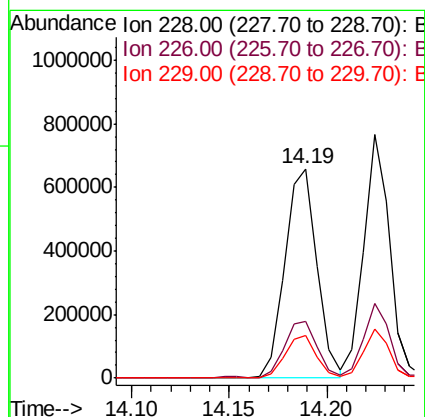
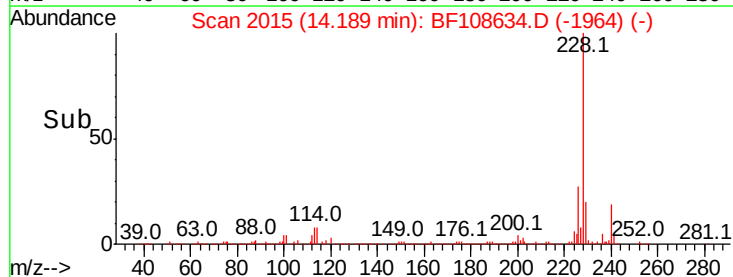
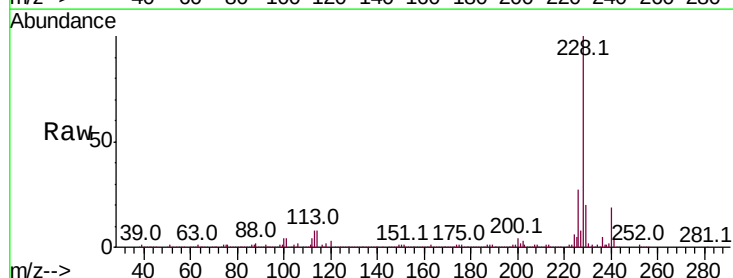
Instrument :
 BNA_F
 ClientSampleId :

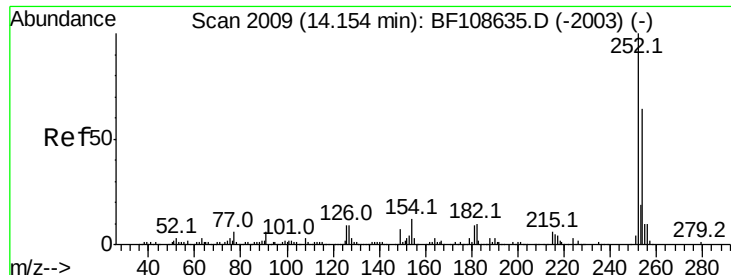
Tot Ion:149 Resp: 385748
 Ion Ratio Lower Upper
 149 100
 91 71.9 56.8 85.2
 206 20.2 14.1 21.1



#80
 Benzo(a)anthracene
 Concen: 26.196 ng
 RT: 14.19 min Scan# 2015
 Delta R.T. 0.00 min
 Lab File: BF108634.D
 Acq: 30 Aug 2018 11:40

Tgt Ion:228 Resp: 745630
 Ion Ratio Lower Upper
 228 100
 226 27.3 22.6 33.8
 229 20.2 15.8 23.6

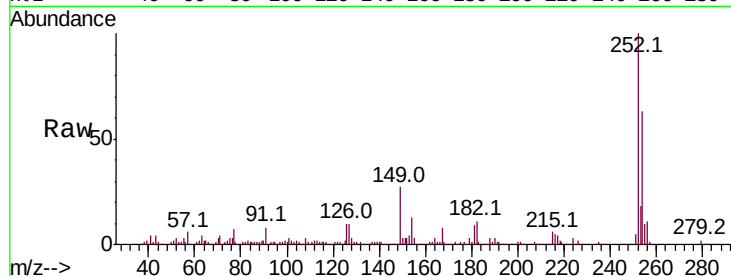




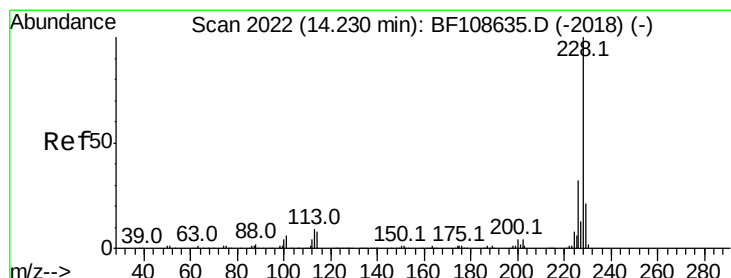
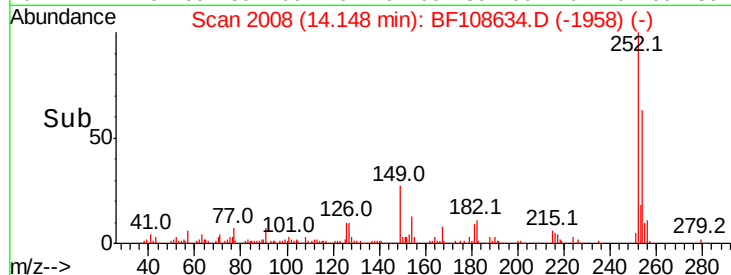
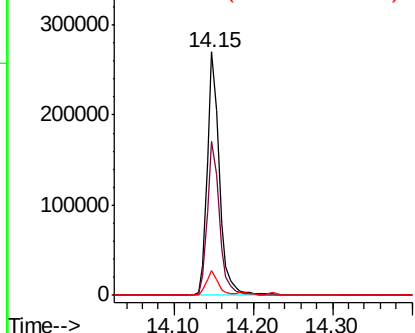
#81
 3,3'-Dichlorobenzidine
 Concen: 28.483 ng
 RT: 14.15 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF108634.D
 Acq: 30 Aug 2018 11:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.0	50.4	75.6
126	10.0	11.3	16.9#

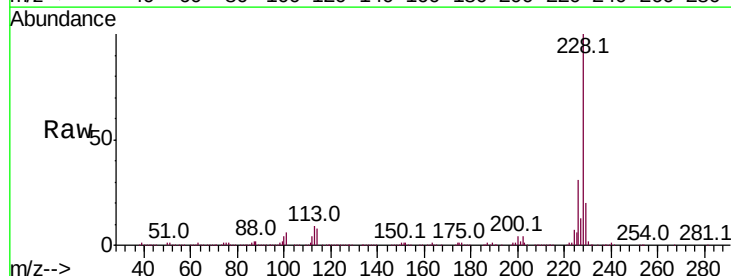


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

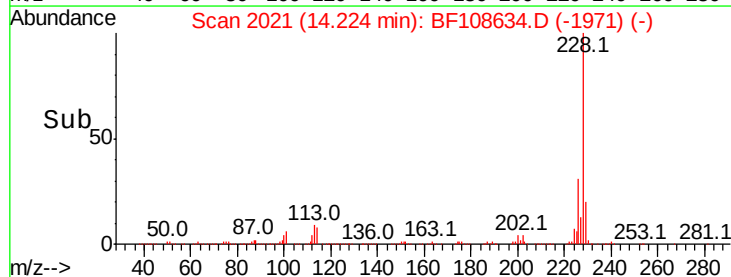
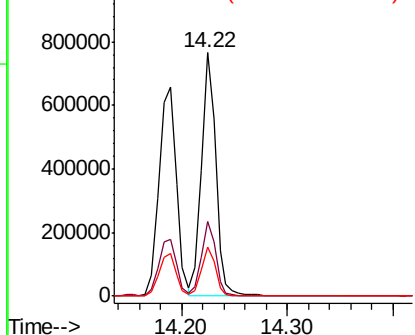


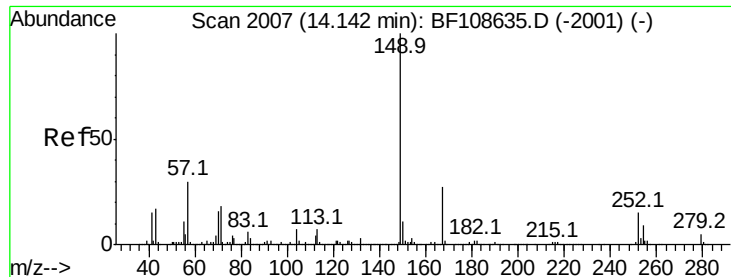
#82
 Chrysene
 Concen: 27.559 ng
 RT: 14.22 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF108634.D
 Acq: 30 Aug 2018 11:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	20.1	16.2	24.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

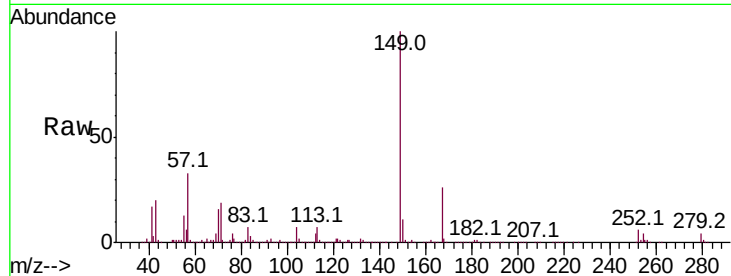




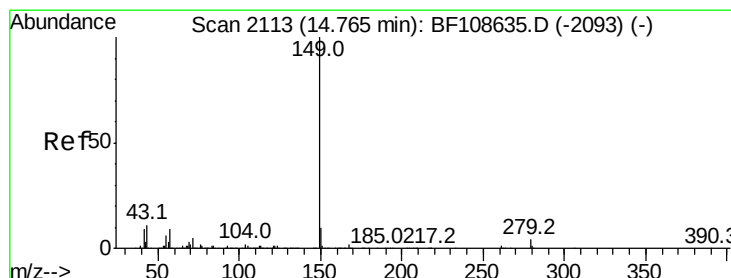
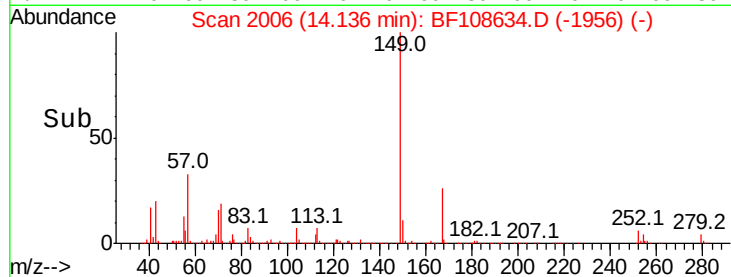
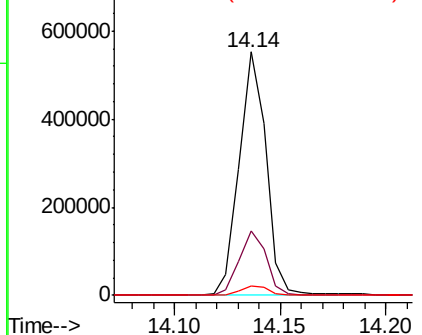
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 28.835 ng
 RT: 14.14 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF108634.D
 Acq: 30 Aug 2018 11:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.3	31.9
279	3.9	3.0	4.4

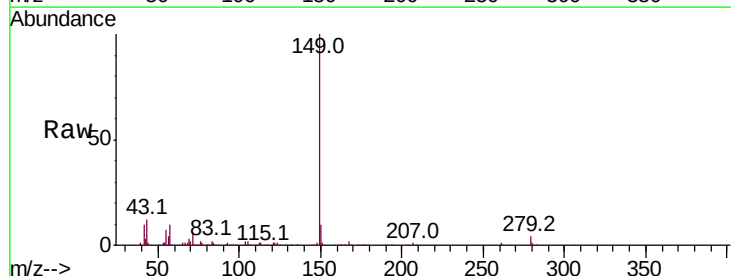


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

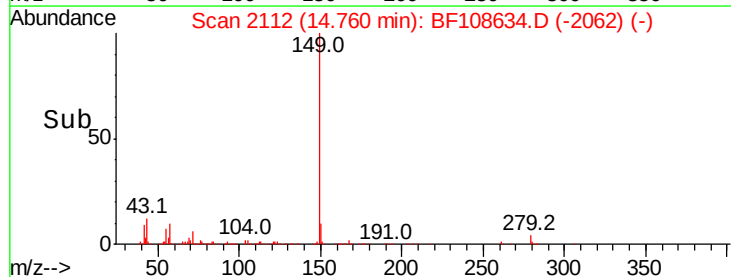
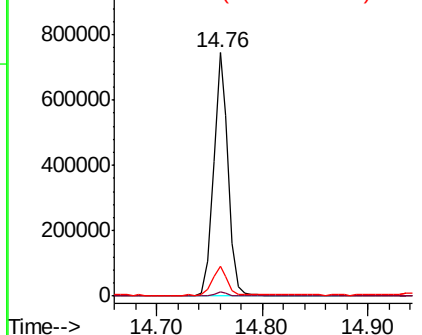


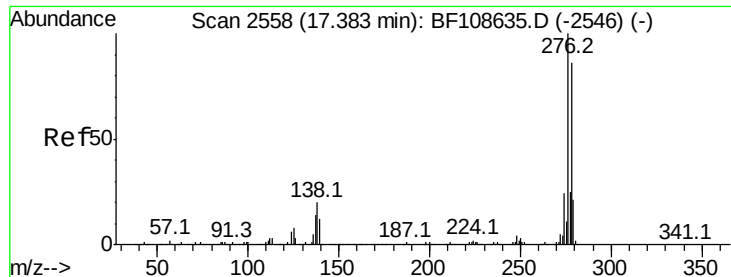
#84
 Di-n-octyl phthalate
 Concen: 28.022 ng
 RT: 14.76 min Scan# 2112
 Delta R.T. -0.01 min
 Lab File: BF108634.D
 Acq: 30 Aug 2018 11:40

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.9	8.4	12.6



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





#85

Indeno(1,2,3-cd)pyrene

Concen: 19.286 ng

RT: 17.37 min Scan# 2556

Delta R.T. -0.01 min

Lab File: BF108634.D

Acq: 30 Aug 2018 11:40

Instrument :

BNA_F

ClientSampleId :

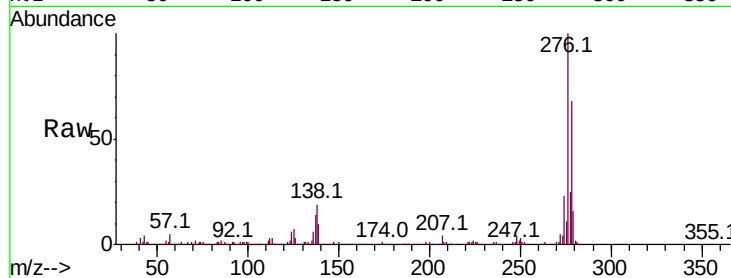
Tot Ion:276 Resp: 436076

Ion Ratio Lower Upper

276 100

138 20.6 25.0 37.6#

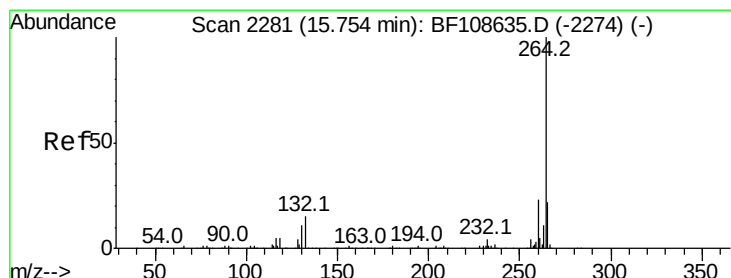
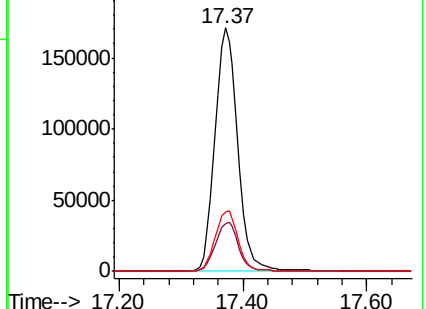
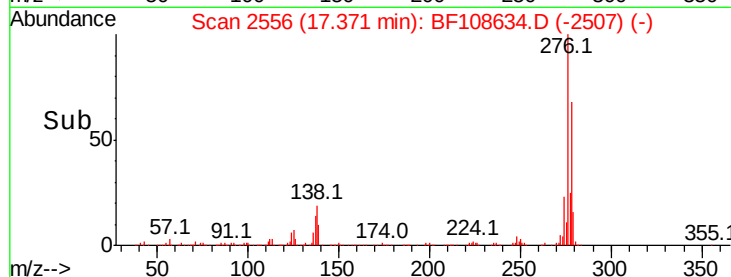
277 25.0 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.75 min Scan# 2281

Delta R.T. 0.00 min

Lab File: BF108634.D

Acq: 30 Aug 2018 11:40

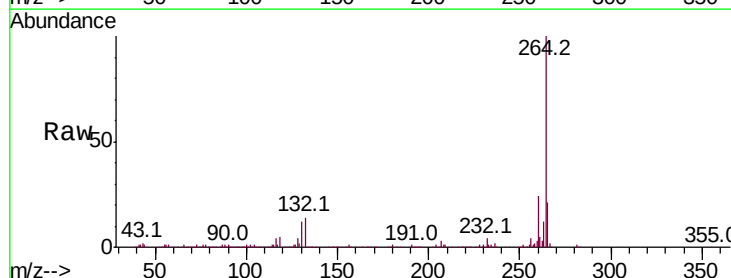
Tgt Ion:264 Resp: 361765

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

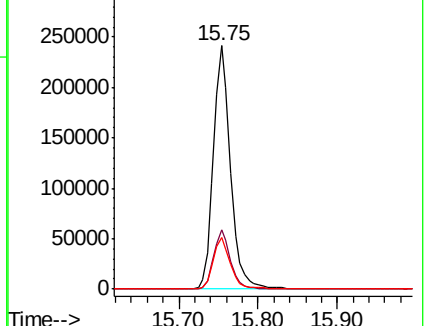
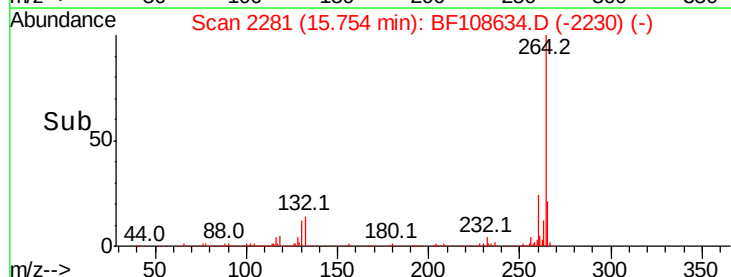
265 21.3 17.5 26.3

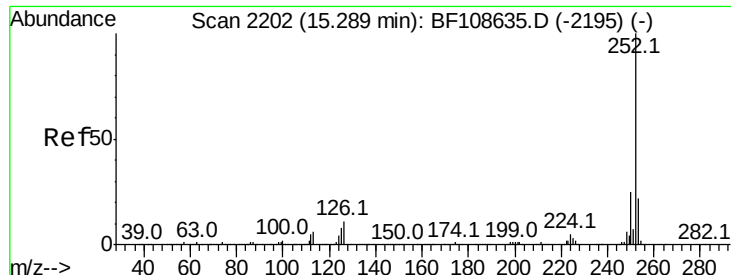


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

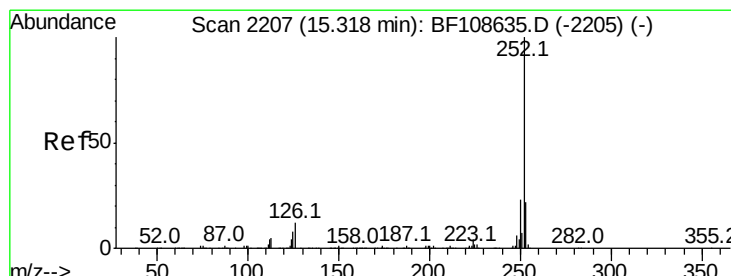
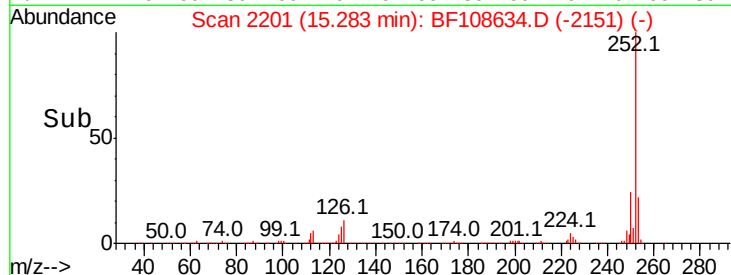
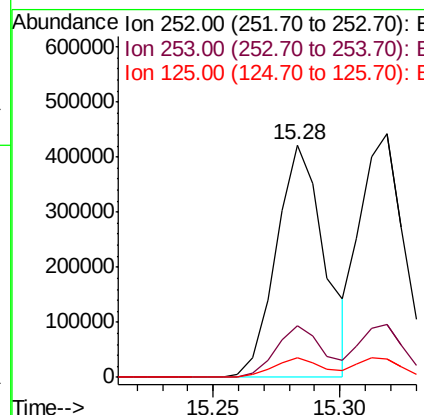
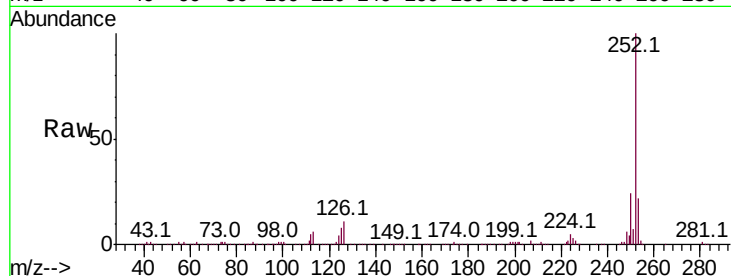




#87
Benzo(b)fluoranthene
Concen: 25.796 ng
RT: 15.28 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BF108634.D
Acq: 30 Aug 2018 11:40

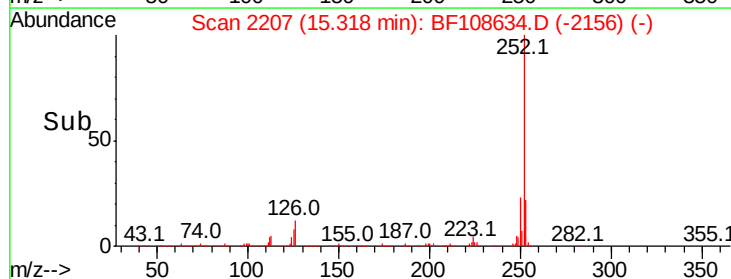
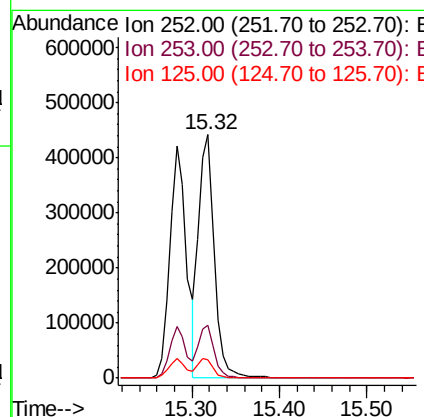
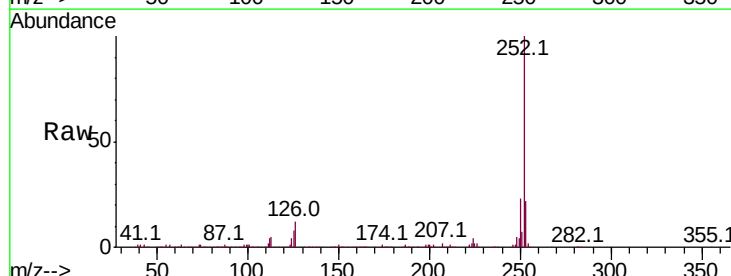
Instrument :
BNA_F
ClientSampled :

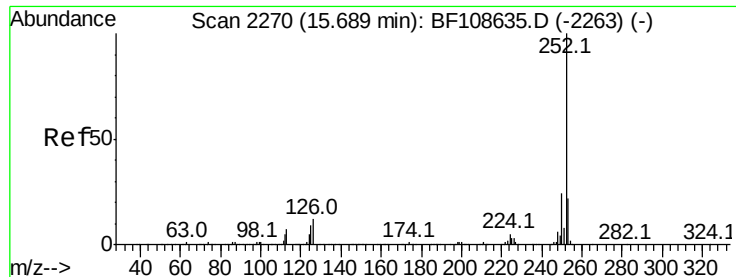
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	8.3	9.0	13.6#



#88
Benzo(k)fluoranthene
Concen: 27.898 ng
RT: 15.32 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BF108634.D
Acq: 30 Aug 2018 11:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	7.6	10.2	15.2#





#89

Benzo(a)pyrene

Concen: 25.419 ng

RT: 15.69 min Scan# 2270

Delta R.T. 0.00 min

Lab File: BF108634.D

Acq: 30 Aug 2018 11:40

Instrument :

BNA_F

ClientSampleId :

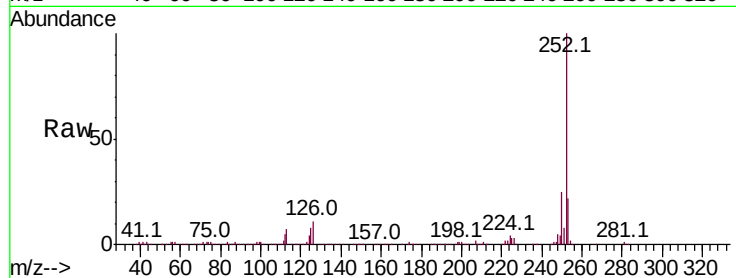
Tot Ion:252 Resp: 492039

Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

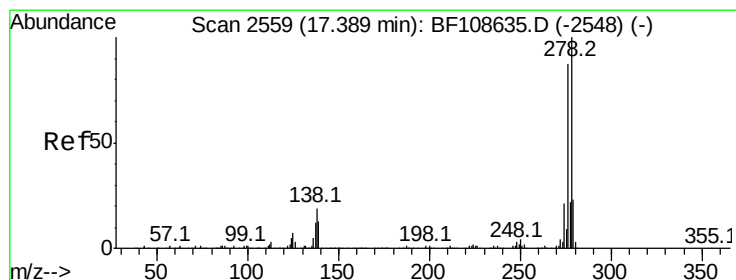
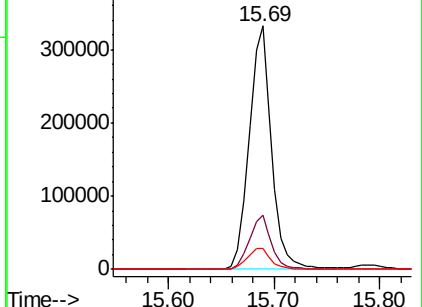
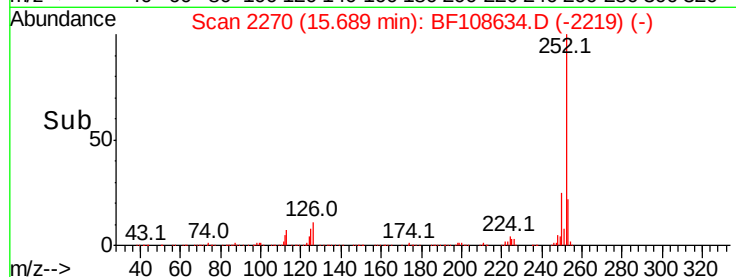
125 8.4 9.8 14.6#



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



#90

Dibenzo(a,h)anthracene

Concen: 22.917 ng

RT: 17.38 min Scan# 2558

Delta R.T. -0.01 min

Lab File: BF108634.D

Acq: 30 Aug 2018 11:40

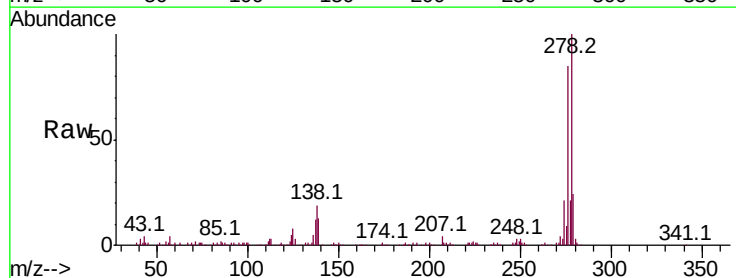
Tgt Ion:278 Resp: 367053

Ion Ratio Lower Upper

278 100

139 13.4 15.9 23.9#

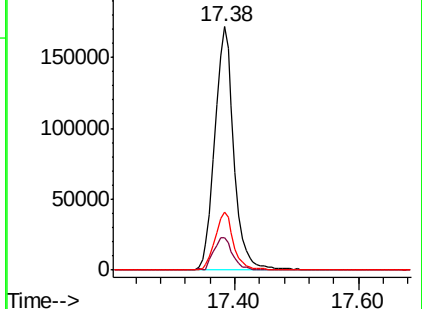
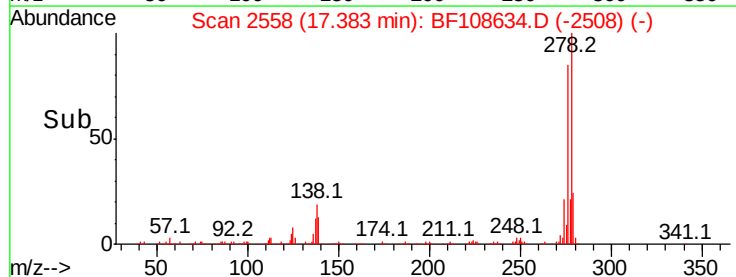
279 24.0 19.0 28.4

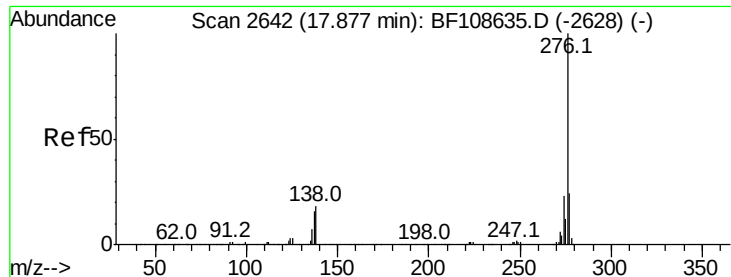


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

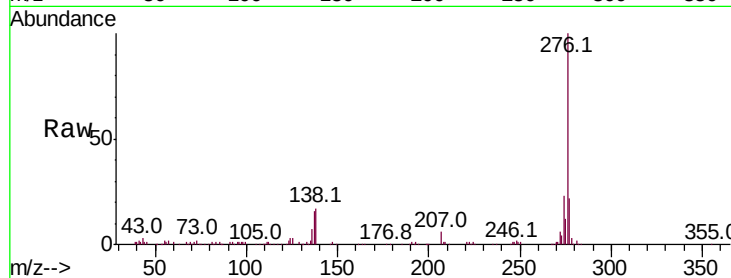




#91
 Benzo(a,h,i)perylene
 Concen: 22.465 ng
 RT: 17.87 min Scan# 2640
 Delta R.T. -0.01 min
 Lab File: BF108634.D
 Acq: 30 Aug 2018 11:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.3	17.9	26.9
138	17.2	21.8	32.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

