

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
 Data File : BF098787.D
 Acq On : 25 Sep 2017 17:16
 Operator : SJ/JU
 Sample : PB102601BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 05:16:39 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	152920	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	646966	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	305484	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	554321	20.00	ng	0.00
75) Chrysene-d12	14.09	240	425109	20.00	ng	0.00
86) Perylene-d12	15.57	264	340922	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	1248701	129.99	ng	0.00
7) Phenol-d6	6.55	99	1527333	128.89	ng	0.00
23) Nitrobenzene-d5	7.48	82	936151	92.80	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	347693	139.09	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1709468	93.42	ng	0.00
78) Terphenyl-d14	13.03	244	1579614	84.50	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.80	88	164265	35.797	ng	98
3) Pyridine	3.57	79	486743	39.211	ng	98
4) n-Nitrosodimethylamine	3.52	42	222088	42.191	ng	97
6) Aniline	6.59	93	554171	34.649	ng	98
8) 2-Chlorophenol	6.70	128	460722	42.352	ng	98
9) Benzaldehyde	6.47	77	112432	16.356	ng	96
10) Phenol	6.56	94	592404	44.699	ng	97
11) bis(2-Chloroethyl)ether	6.65	93	443304	43.026	ng	97
12) 1,3-Dichlorobenzene	6.86	146	475787	41.762	ng	99
13) 1,4-Dichlorobenzene	6.93	146	479236	41.344	ng	100
14) 1,2-Dichlorobenzene	7.09	146	450748	42.085	ng	99
15) Benzyl Alcohol	7.06	79	400928	46.119	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.19	45	702197	43.744	ng	98
17) 2-Methylphenol	7.16	107	406213	45.636	ng	97
18) Hexachloroethane	7.43	117	175079	42.021	ng	94
19) n-Nitroso-di-n-propylamine	7.33	70	316345	41.812	ng	97
20) 3+4-Methylphenols	7.32	107	491138	43.616	ng	# 91
22) Acetophenone	7.33	105	632866	40.375	ng	# 97
24) Nitrobenzene	7.50	77	483716	42.268	ng	98
25) Isophorone	7.74	82	901556	43.224	ng	99
26) 2-Nitrophenol	7.82	139	257464	46.785	ng	93
27) 2,4-Dimethylphenol	7.85	122	449950	43.295	ng	99
28) bis(2-Chloroethoxy)methane	7.95	93	570247	43.871	ng	100
29) 2,4-Dichlorophenol	8.06	162	399221	44.741	ng	96
30) 1,2,4-Trichlorobenzene	8.14	180	384914	43.131	ng	99
31) Naphthalene	8.22	128	1302699	42.872	ng	100
32) Benzoic acid	7.97	122	325164	38.090	ng	98
33) 4-Chloroaniline	8.26	127	358922	28.286	ng	99
34) Hexachlorobutadiene	8.33	225	193972	42.198	ng	99
35) Caprolactam	8.65	113	76157	26.608	ng	92
36) 4-Chloro-3-methylphenol	8.75	107	442557	44.127	ng	95
37) 2-Methylnaphthalene	8.92	142	916768	46.411	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	348234	38.224	ng	99
40) Hexachlorocyclopentadiene	9.06	237	399803	96.027	ng	99

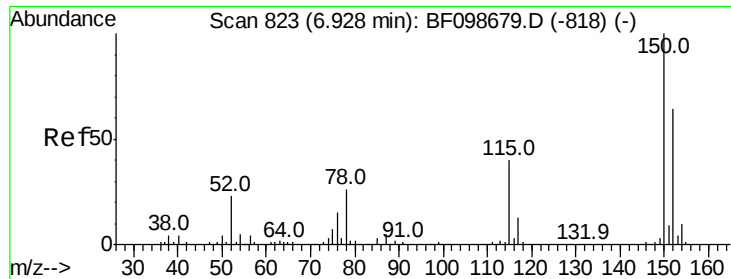
Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
 Data File : BF098787.D
 Acq On : 25 Sep 2017 17:16
 Operator : SJ/JU
 Sample : PB102601BS
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Quant Time: Sep 26 05:16:39 2017
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	281748	43.654	ng	99
43) 2,4,5-Trichlorophenol	9.23	196	292793	45.445	ng	95
45) 1,1'-Biphenyl	9.38	154	1063087	40.492	ng	98
46) 2-Chloronaphthalene	9.40	162	839327	42.578	ng	98
47) 2-Nitroaniline	9.50	65	277615	45.994	ng	98
48) Acenaphthylene	9.82	152	1295516	42.931	ng	99
49) Dimethylphthalate	9.68	163	1019675	44.226	ng	100
50) 2,6-Dinitrotoluene	9.74	165	228426	45.508	ng	99
51) Acenaphthene	9.99	154	812367	42.498	ng	99
52) 3-Nitroaniline	9.91	138	198203	33.865	ng	95
53) 2,4-Dinitrophenol	10.02	184	227779	86.639	ng	97
54) Dibenzofuran	10.16	168	1165137	45.779	ng	97
55) 4-Nitrophenol	10.07	139	451125	91.157	ng	96
56) 2,4-Dinitrotoluene	10.15	165	315381	48.413	ng	98
57) Fluorene	10.51	166	899416	43.967	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.28	232	221600	49.791	ng	98
59) Diethylphthalate	10.37	149	1021411	45.337	ng	99
60) 4-Chlorophenyl-phenylether	10.50	204	407782	44.376	ng	94
61) 4-Nitroaniline	10.53	138	263898	46.736	ng	96
62) Azobenzene	10.66	77	984744	47.538	ng	97
64) 4,6-Dinitro-2-methylphenol	10.56	198	156583	46.428	ng	76
65) n-Nitrosodiphenylamine	10.62	169	823155	42.865	ng	99
66) 4-Bromophenyl-phenylether	10.99	248	242949	44.776	ng	98
67) Hexachlorobenzene	11.06	284	242740	41.887	ng	93
68) Atrazine	11.14	200	260535	45.093	ng	99
69) Pentachlorophenol	11.24	266	288756	80.063	ng	97
70) Phenanthrene	11.47	178	1306118	44.020	ng	99
71) Anthracene	11.52	178	1351376	44.513	ng	99
72) Carbazole	11.67	167	1293272	43.500	ng	99
73) Di-n-butylphthalate	12.00	149	1621028	45.299	ng	100
74) Fluoranthene	12.66	202	1368412	45.545	ng	98
76) Benzidine	12.77	184	597049	37.972	ng	98
77) Pyrene	12.89	202	1400653	43.208	ng	100
79) Butylbenzylphthalate	13.50	149	712796	46.787	ng	99
80) Benzo(a)anthracene	14.07	228	1155048	44.871	ng	99
81) 3,3'-Dichlorobenzidine	14.03	252	296646	31.436	ng	97
82) Chrysene	14.12	228	1066882	43.534	ng	99
83) Bis(2-ethylhexyl)phthalate	14.05	149	984918	46.951	ng	# 99
84) Di-n-octyl phthalate	14.67	149	1639206	48.528	ng	98
85) Indeno(1,2,3-cd)pyrene	17.09	276	762166	38.878	ng	96
87) Benzo(b)fluoranthene	15.14	252	970222	46.286	ng	97
88) Benzo(k)fluoranthene	15.17	252	923866	44.624	ng	98
89) Benzo(a)pyrene	15.52	252	866504	45.034	ng	98
90) Dibenzo(a,h)anthracene	17.11	278	644616	41.862	ng	98
91) Benzo(g,h,i)perylene	17.55	276	634830	41.707	ng	96

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

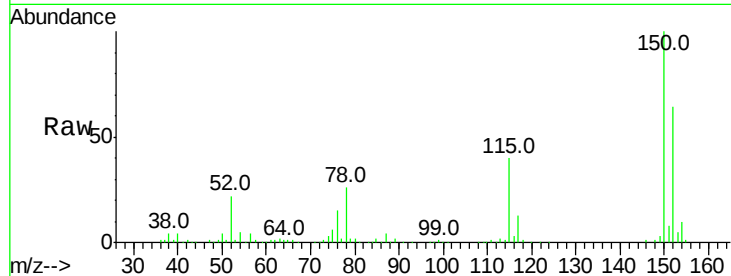


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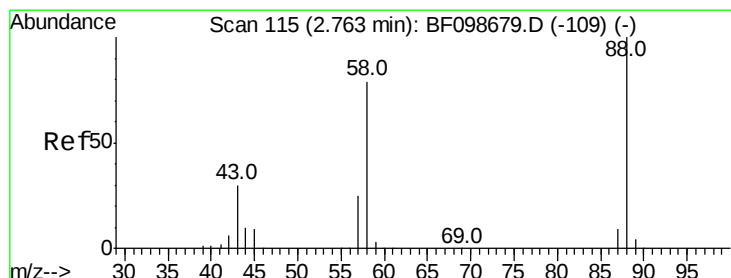
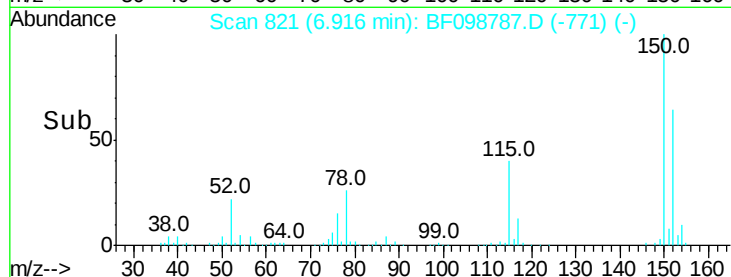
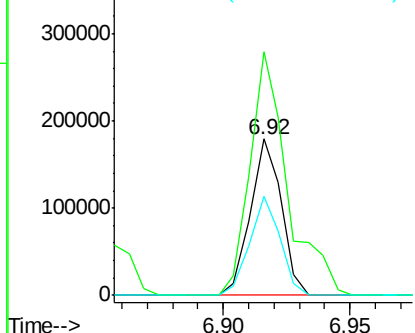
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098787.D
Acq: 25 Sep 2017 17:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 152920
Ion Ratio Lower Upper
152 100
150 155.9 124.6 186.8
115 63.1 50.1 75.1



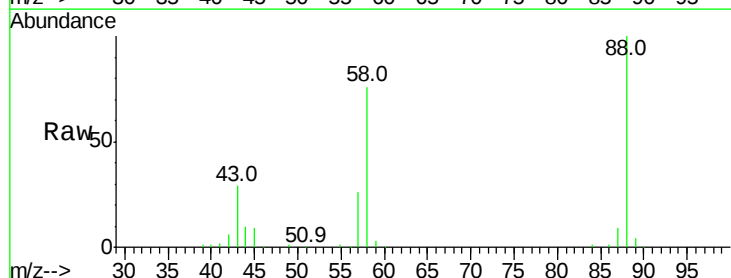
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



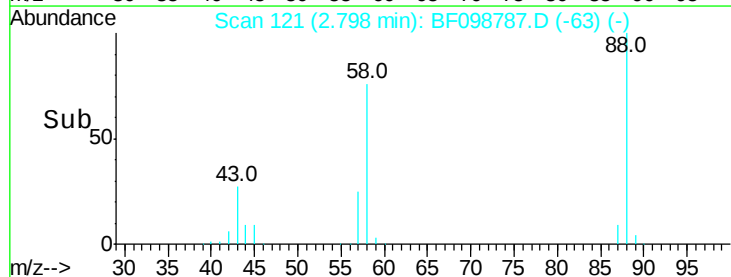
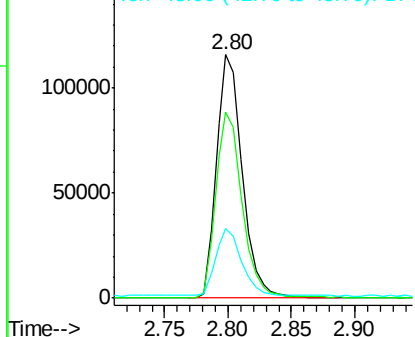
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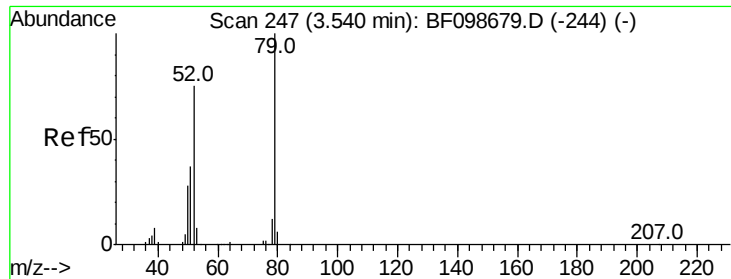
1,4-Dioxane
Concen: 35.797 ng
RT: 2.80 min Scan# 121
Delta R.T. 0.04 min
Lab File: BF098787.D
Acq: 25 Sep 2017 17:16

Tgt Ion: 88 Resp: 164265
Ion Ratio Lower Upper
88 100
58 79.2 62.6 93.8
43 28.2 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0

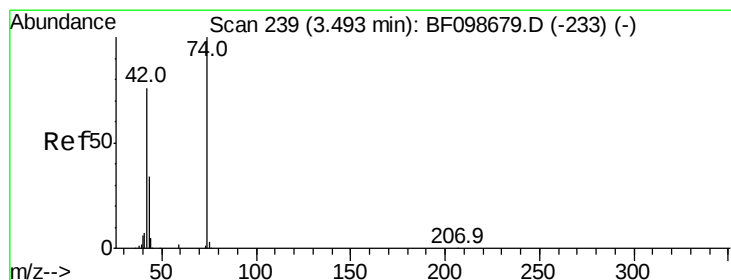
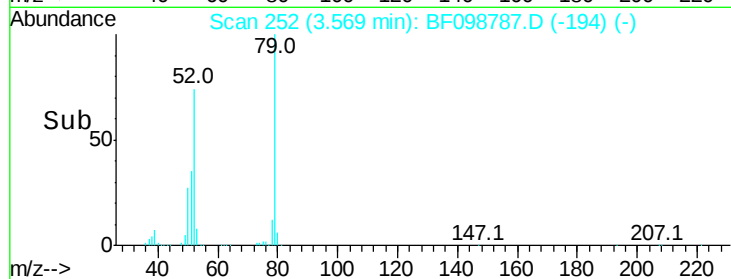
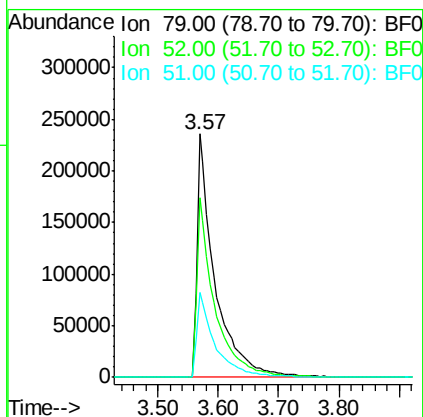
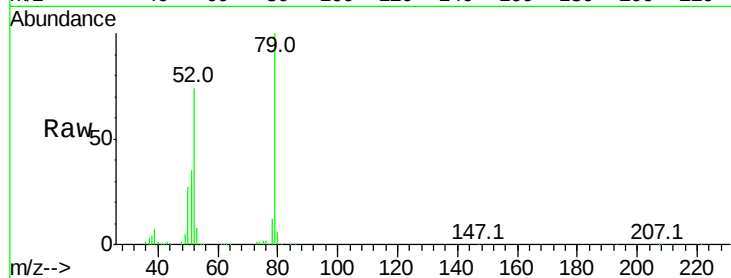




#3
 Pvridine
 Concen: 39.211 ng
 RT: 3.57 min Scan# 252
 Delta R.T. 0.04 min
 Lab File: BF098787.D
 Acq: 25 Sep 2017 17:16

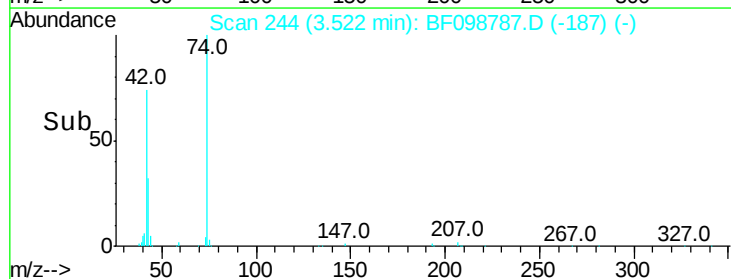
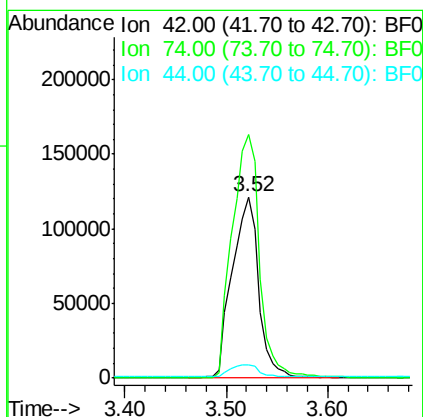
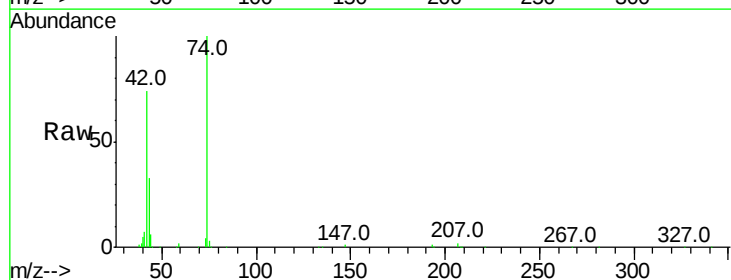
Instrument :
 BNA_F
 ClientSampleId :

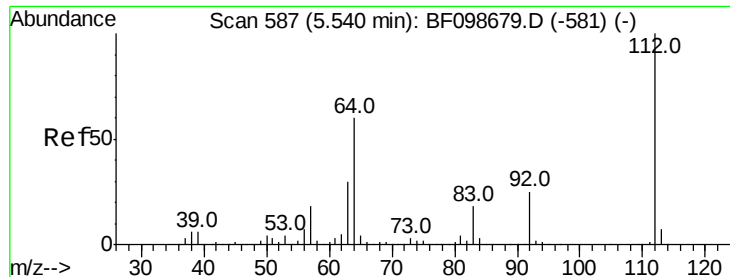
Tot Ion: 79 Resp: 486743
 Ion Ratio Lower Upper
 79 100
 52 73.7 59.8 89.6
 51 34.9 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 42.191 ng
 RT: 3.52 min Scan# 244
 Delta R.T. 0.04 min
 Lab File: BF098787.D
 Acq: 25 Sep 2017 17:16

Tgt Ion: 42 Resp: 222088
 Ion Ratio Lower Upper
 42 100
 74 134.3 104.9 157.3
 44 7.5 6.9 10.3





#5

2-Fluorophenol

Concen: 129.990 ng

RT: 5.55 min Scan# 588

Delta R.T. 0.01 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

Instrument :

BNA_F

ClientSampled :

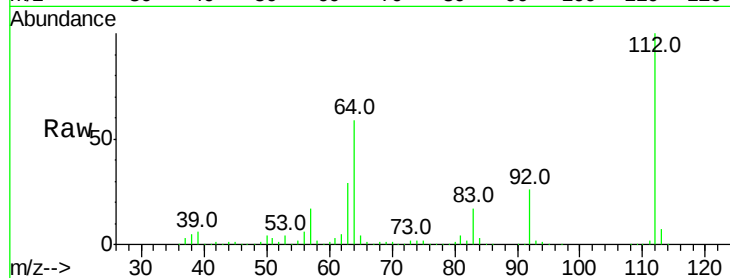
Tot Ion:112 Resp: 1248701

Ion Ratio Lower Upper

112 100

64 58.7 47.9 71.9

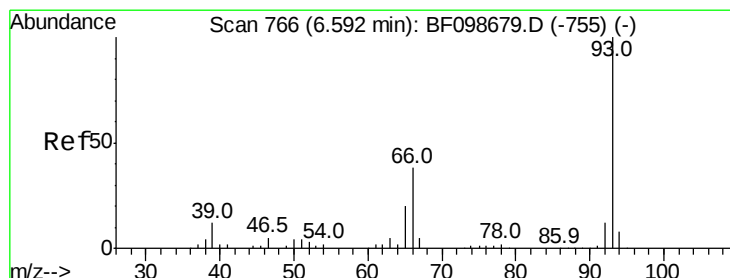
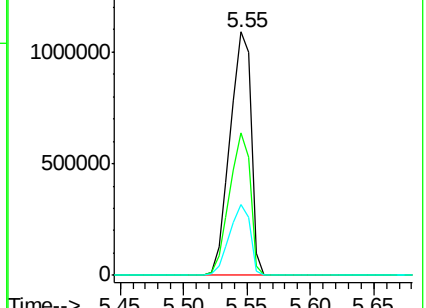
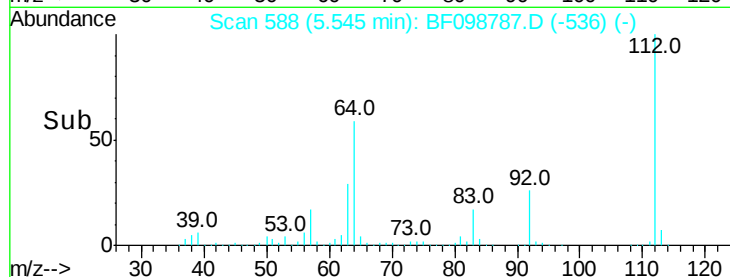
63 29.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 34.649 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

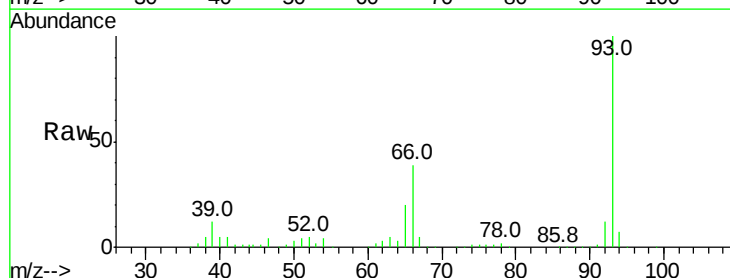
Tgt Ion: 93 Resp: 554171

Ion Ratio Lower Upper

93 100

66 39.1 32.2 48.2

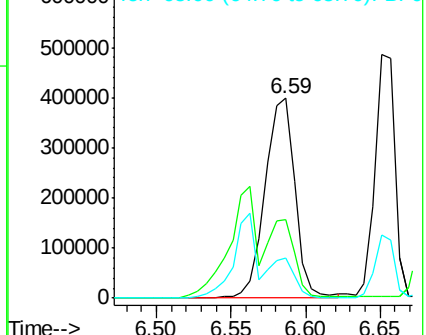
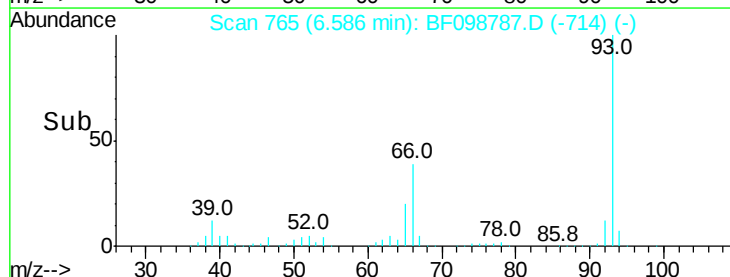
65 19.9 16.4 24.6



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 128.886 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.01 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

Instrument :

BNA_F

ClientSampled :

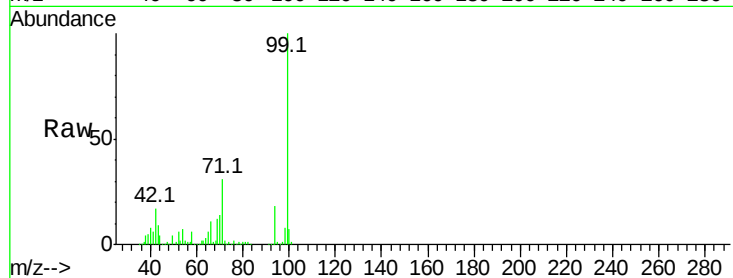
Tot Ion: 99 Resp: 1527333

Ion Ratio Lower Upper

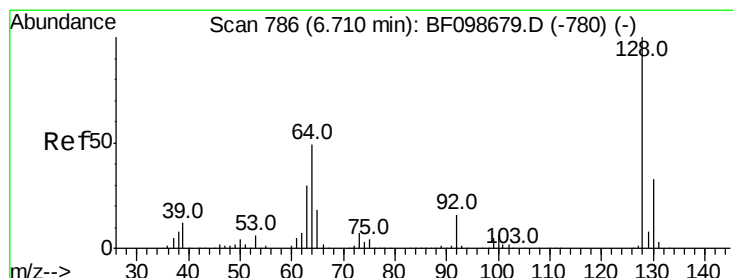
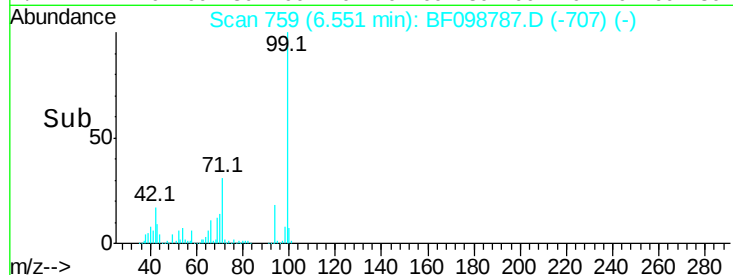
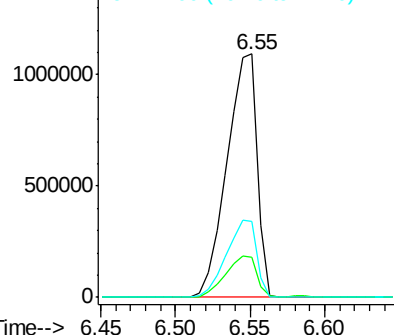
99 100

42 16.5 14.5 21.7

71 31.0 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.352 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

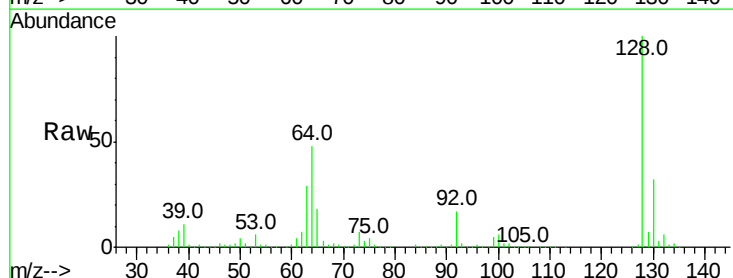
Tgt Ion:128 Resp: 460722

Ion Ratio Lower Upper

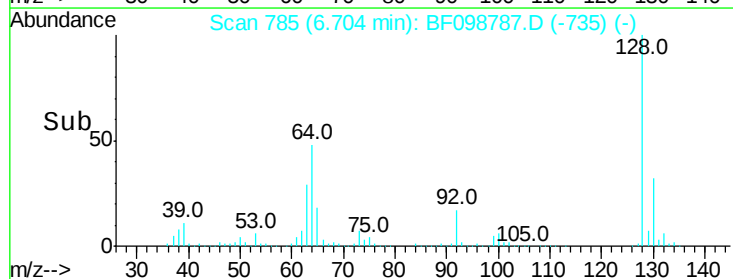
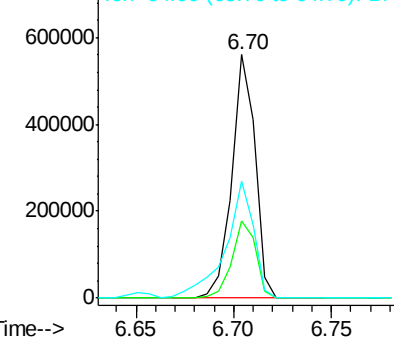
128 100

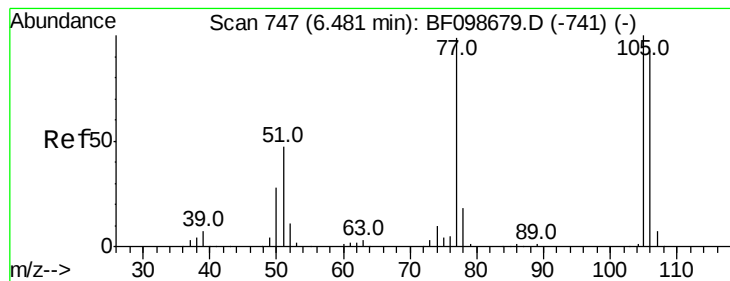
130 31.9 13.0 53.0

64 48.1 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): BF0





#9

Benzaldehyde

Concen: 16.356 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

Instrument :

BNA_F

ClientSampleId :

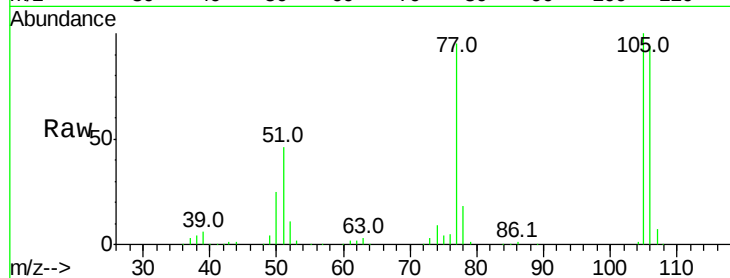
Tot Ion: 77 Resp: 112432

Ion Ratio Lower Upper

77 100

105 105.3 81.1 121.1

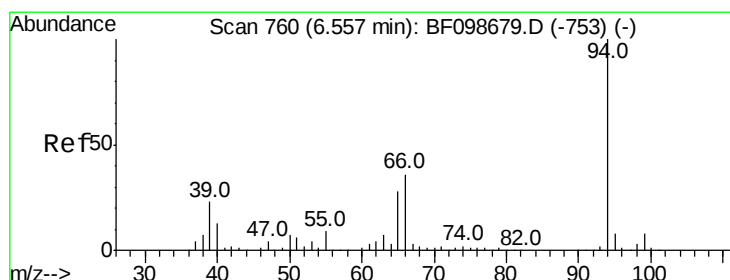
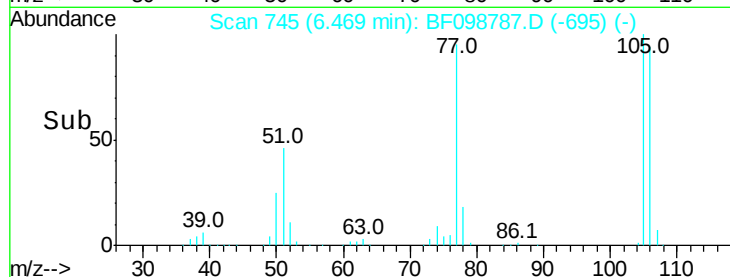
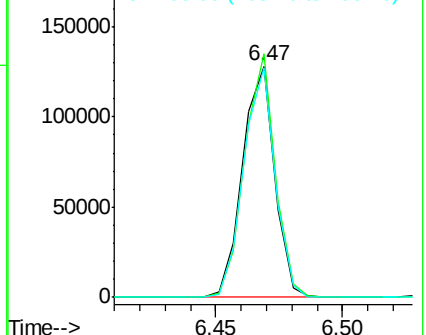
106 99.1 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 44.699 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.01 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

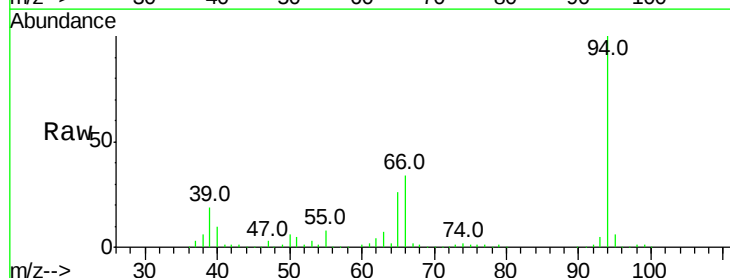
Tgt Ion: 94 Resp: 592404

Ion Ratio Lower Upper

94 100

65 25.9 7.9 47.9

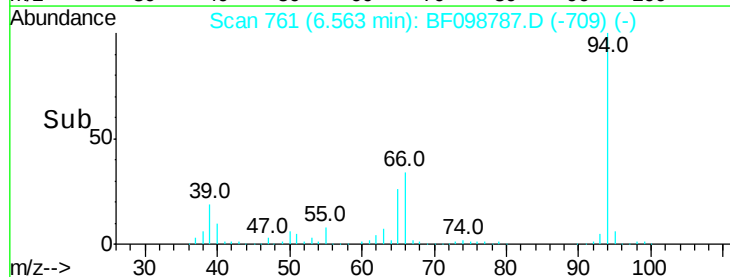
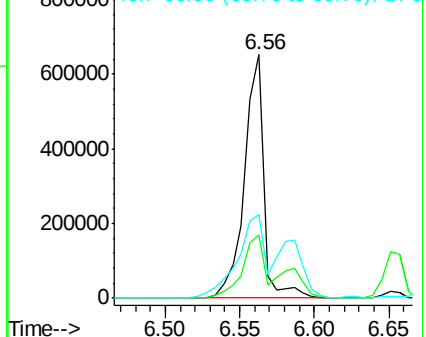
66 34.3 16.2 56.2

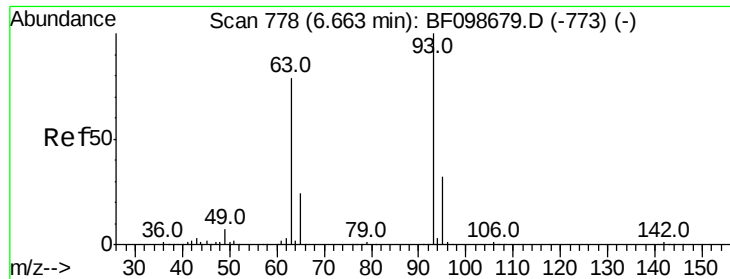


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

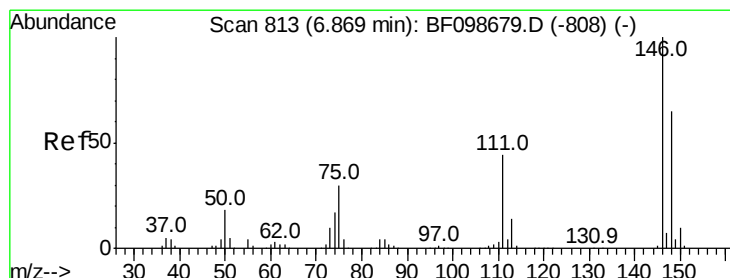
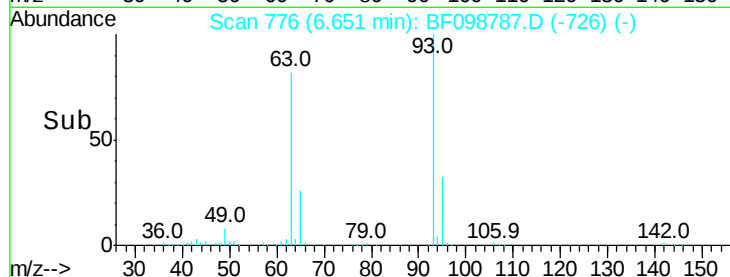
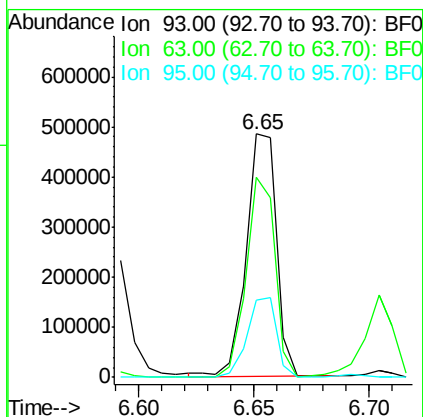
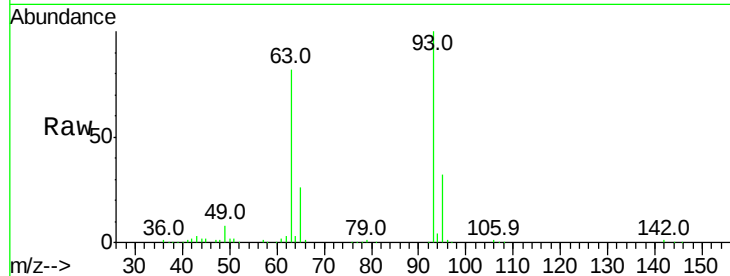




#11
bis(2-Chloroethyl)ether
Concen: 43.026 ng
RT: 6.65 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF098787.D
Acq: 25 Sep 2017 17:16

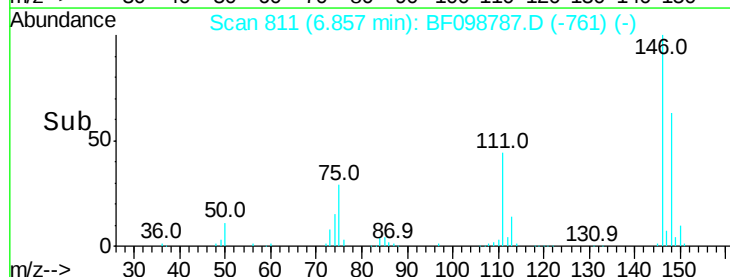
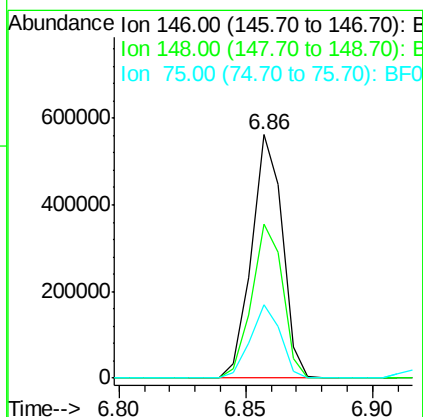
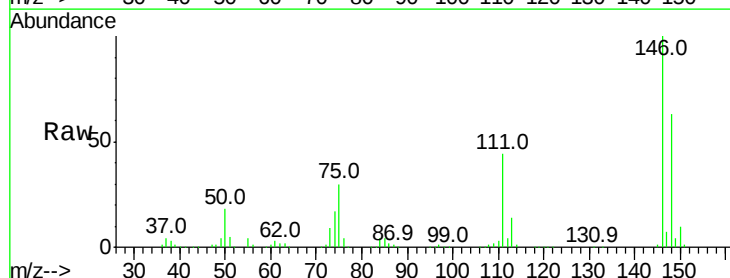
Instrument :
BNA_F
ClientSampleId :

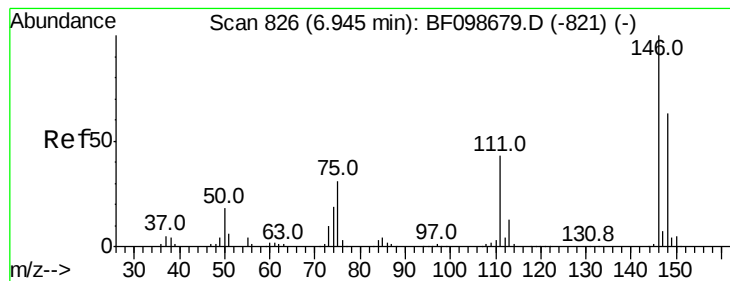
Tot Ion: 93 Resp: 443304
Ion Ratio Lower Upper
93 100
63 81.9 58.6 98.6
95 31.8 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 41.762 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF098787.D
Acq: 25 Sep 2017 17:16

Tgt Ion: 146 Resp: 475787
Ion Ratio Lower Upper
146 100
148 63.3 51.8 77.8
75 30.1 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 41.344 ng

RT: 6.93 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

Instrument :

BNA_F

ClientSampleId :

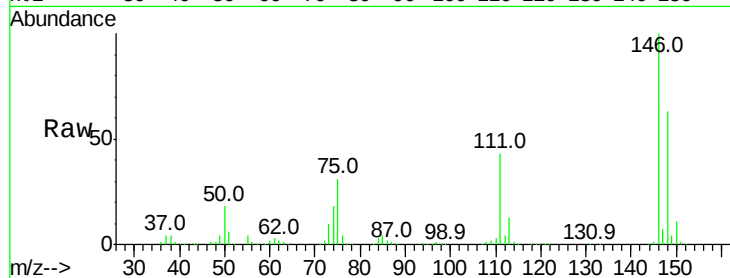
Tot Ion:146 Resp: 479236

Ion Ratio Lower Upper

146 100

148 62.9 50.8 76.2

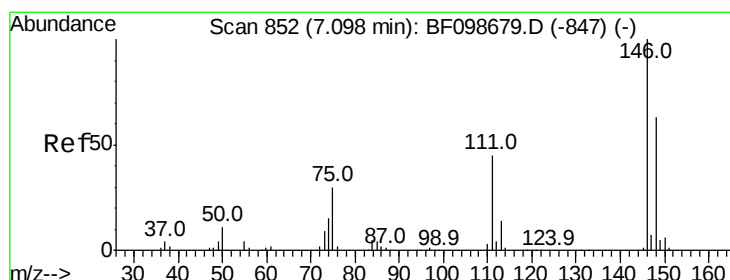
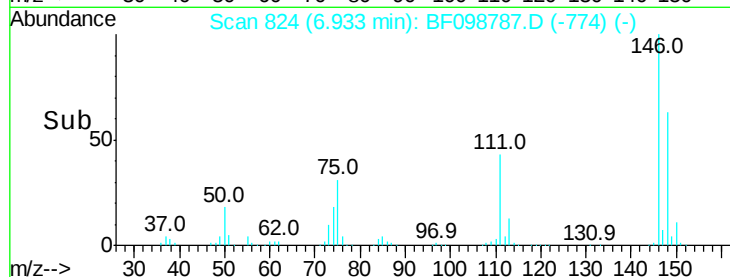
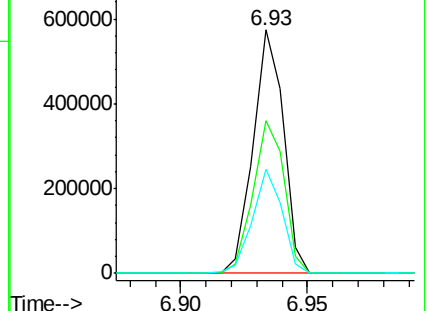
111 42.7 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.085 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

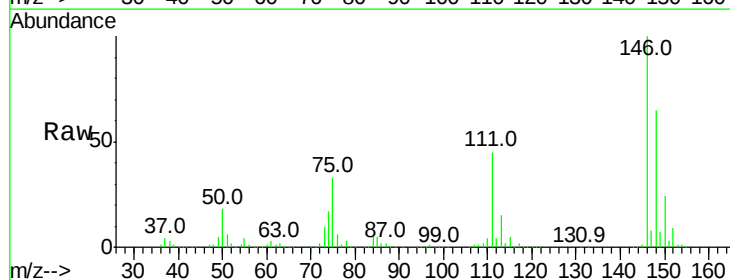
Tgt Ion:146 Resp: 450748

Ion Ratio Lower Upper

146 100

148 64.7 50.6 75.8

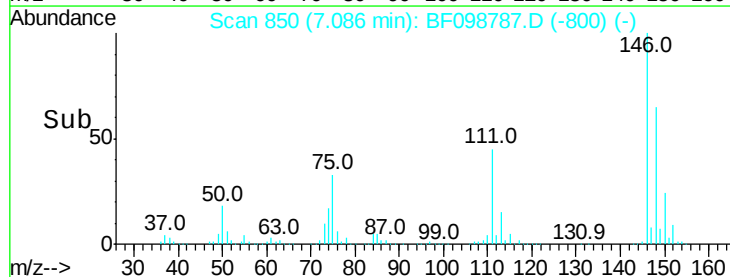
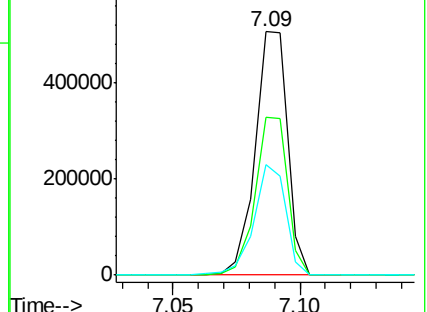
111 45.3 36.0 54.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.119 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

Instrument :

BNA_F

ClientSampled :

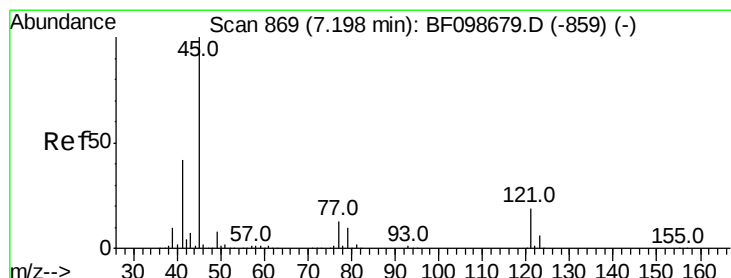
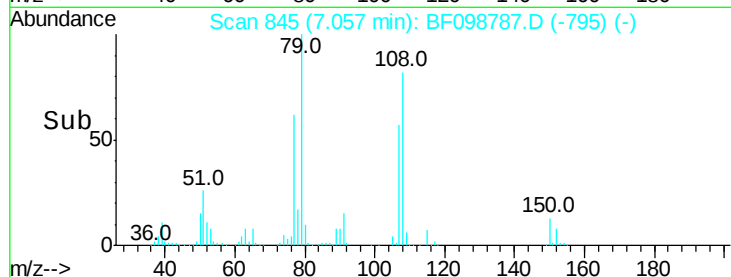
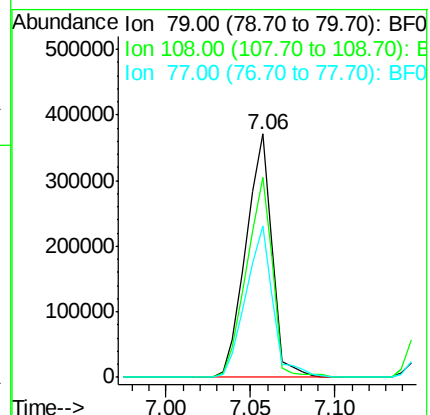
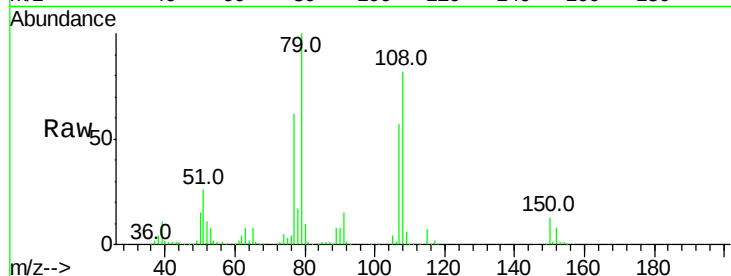
Tot Ion: 79 Resp: 400928

Ion Ratio Lower Upper

79 100

108 82.4 65.1 97.7

77 62.1 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.744 ng

RT: 7.19 min Scan# 867

Delta R.T. -0.01 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

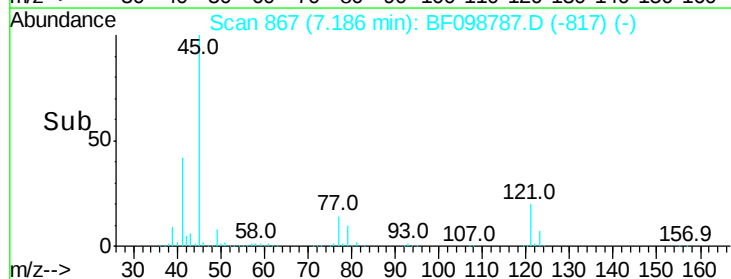
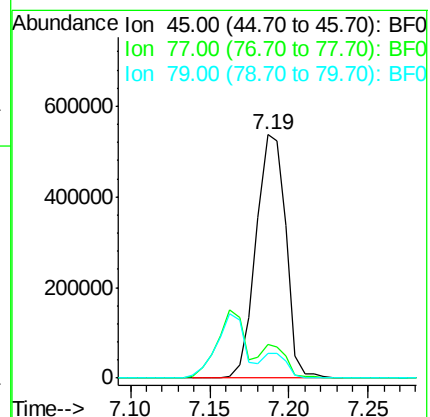
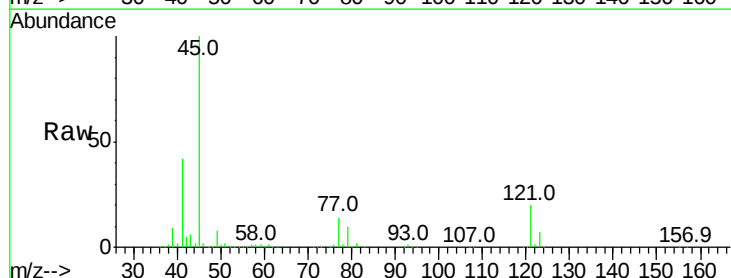
Tgt Ion: 45 Resp: 702197

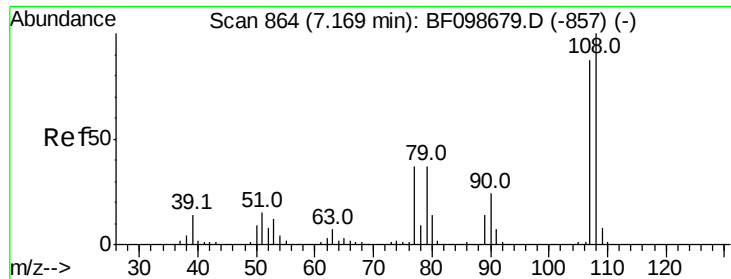
Ion Ratio Lower Upper

45 100

77 13.7 0.0 32.9

79 10.0 0.0 29.6

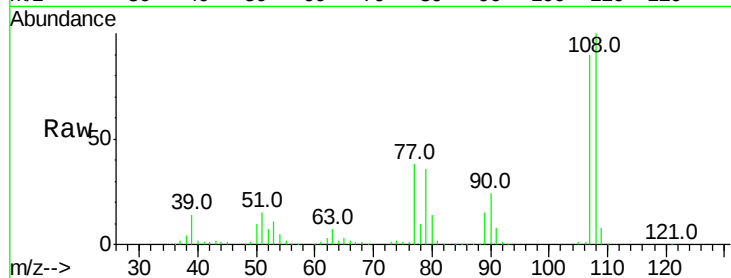




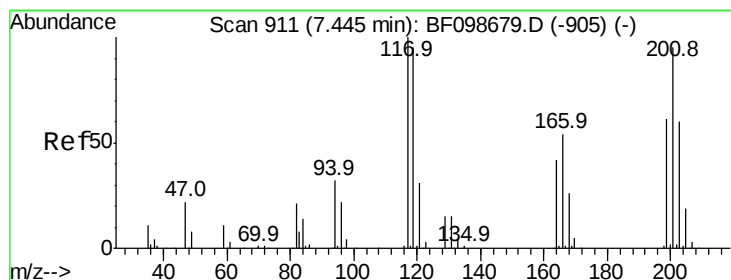
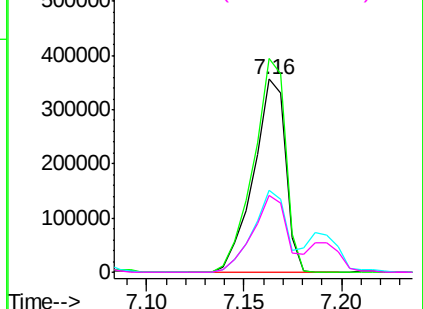
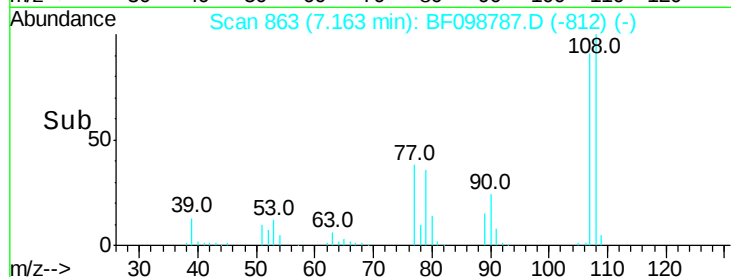
#17
2-Methylphenol
Concen: 45.636 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF098787.D
Acq: 25 Sep 2017 17:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 406213
Ion Ratio Lower Upper
107 100
108 110.9 91.7 137.5
77 42.6 33.8 50.8
79 40.1 33.8 50.8

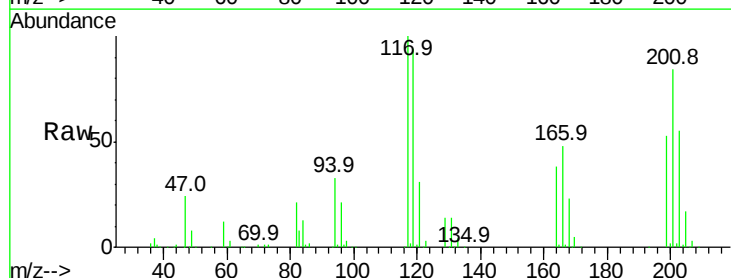


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

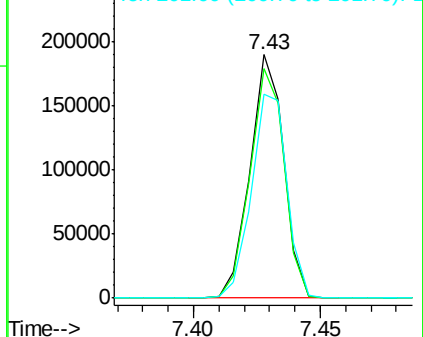
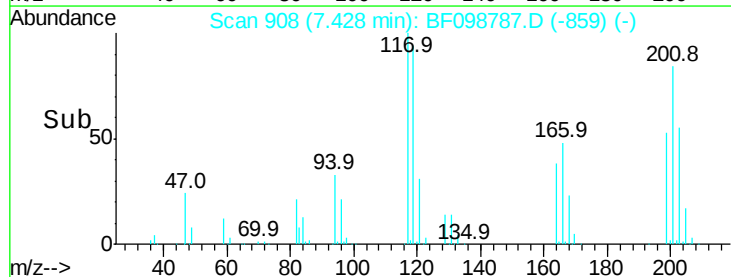


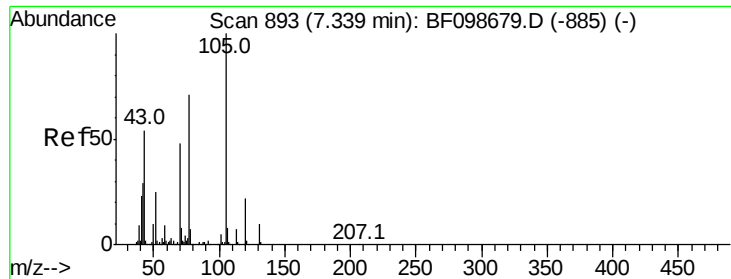
#18
Hexachloroethane
Concen: 42.021 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF098787.D
Acq: 25 Sep 2017 17:16

Tgt Ion:117 Resp: 175079
Ion Ratio Lower Upper
117 100
119 94.4 75.8 113.8
201 83.9 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

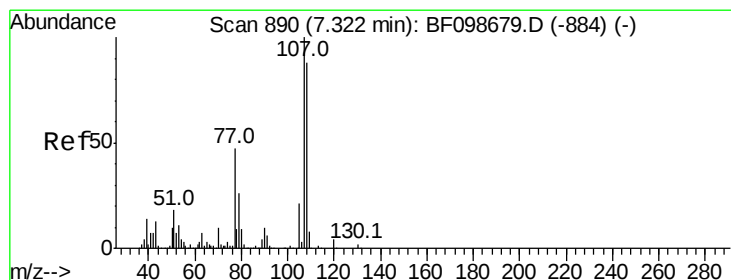
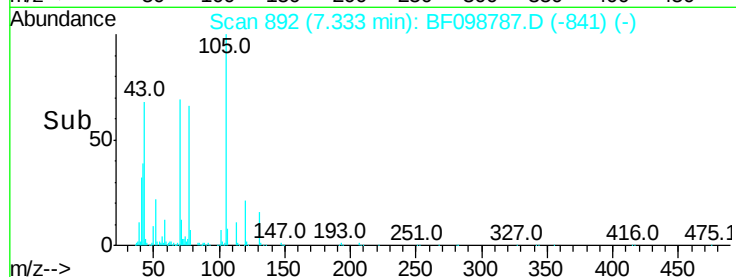
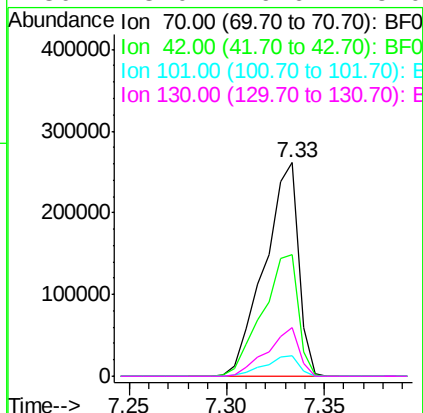
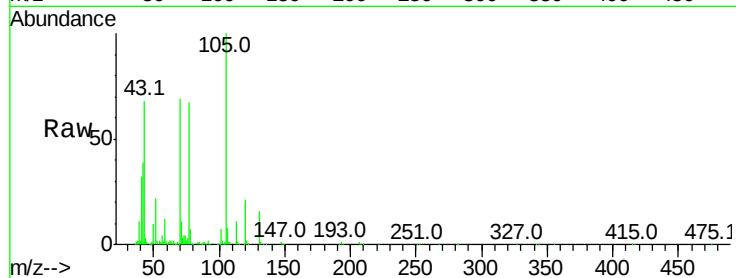




#19
n-Nitroso-di-n-propylamine
Concen: 41.812 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.00 min
Lab File: BF098787.D
Acq: 25 Sep 2017 17:16

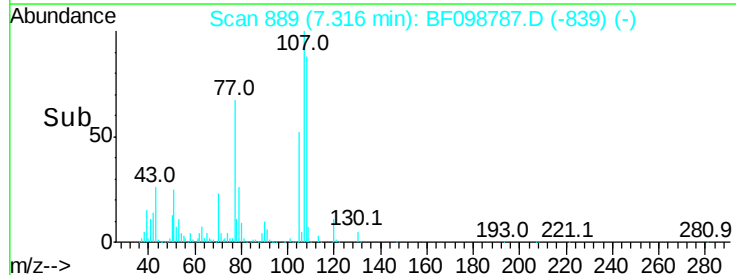
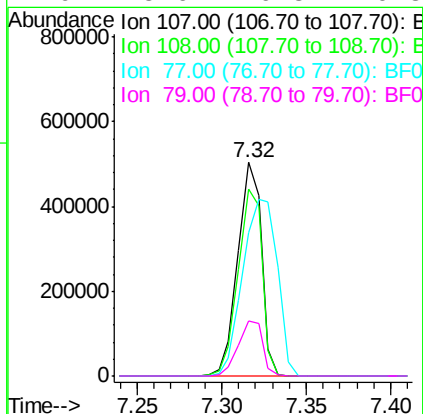
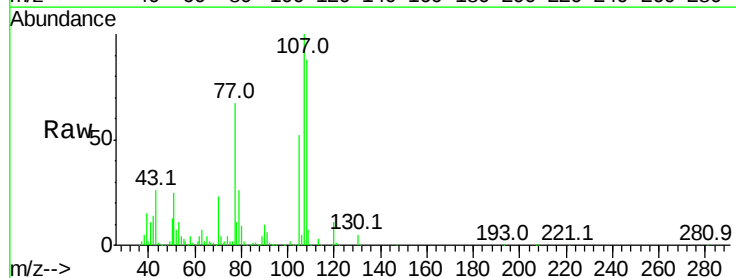
Instrument :
BNA_F
ClientSampleId :

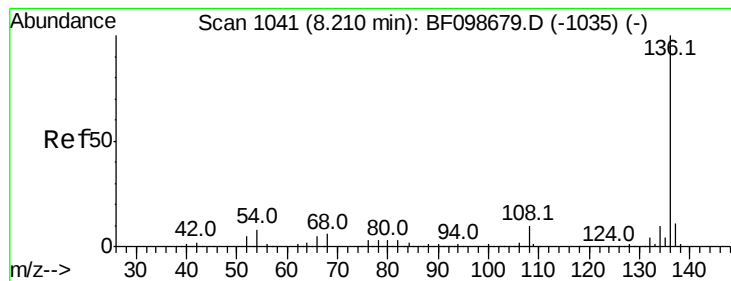
Tot Ion:	70	Resp:	316345
Ion	Ratio	Lower	Upper
70	100		
42	57.2	47.5	71.3
101	9.5	7.4	11.2
130	23.0	16.6	25.0



#20
3+4-Methylphenols
Concen: 43.616 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF098787.D
Acq: 25 Sep 2017 17:16

Tgt Ion:	107	Resp:	491138
Ion	Ratio	Lower	Upper
107	100		
108	87.7	68.2	108.2
77	66.9	26.7	66.7#
79	25.6	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 646966

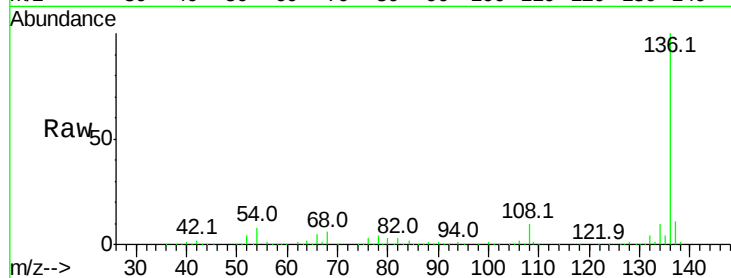
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.3 6.6 9.8

68 6.4 5.0 7.4

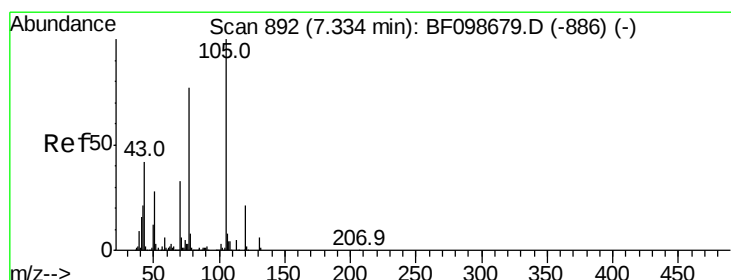
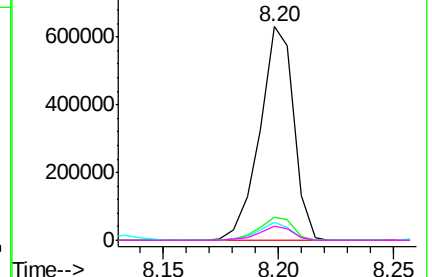
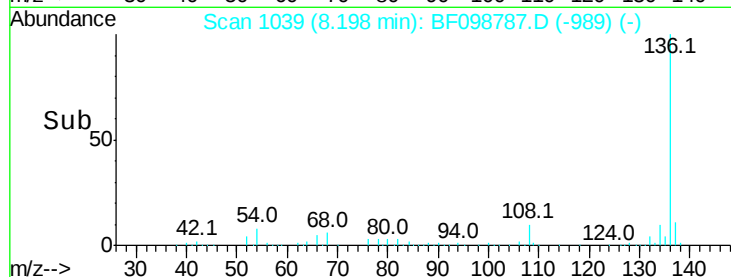


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 40.375 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

Tgt Ion:105 Resp: 632866

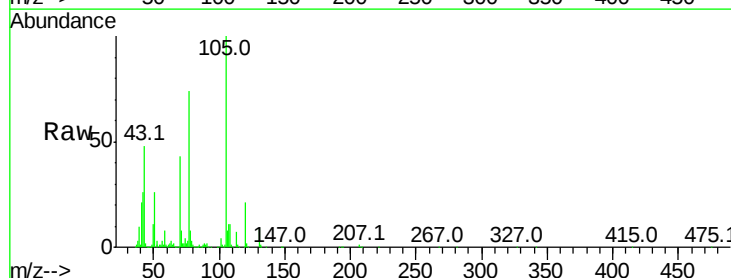
Ion Ratio Lower Upper

105 100

71 7.9 4.4 6.6#

51 25.9 22.3 33.5

120 21.0 16.9 25.3

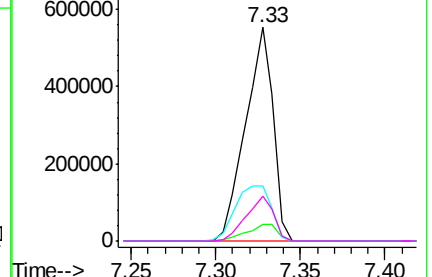
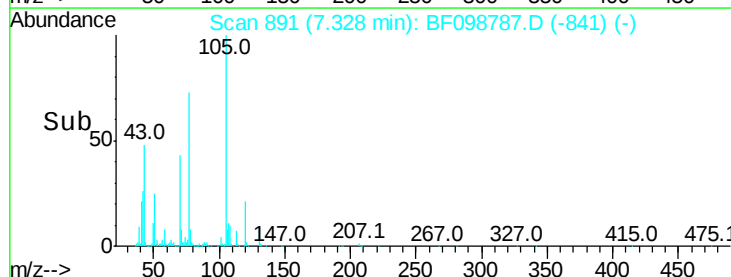


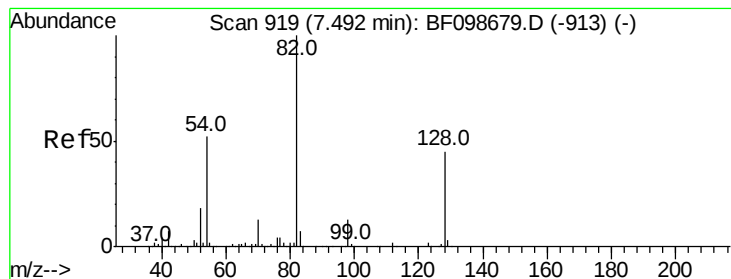
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 92.795 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

Instrument :

BNA_F

ClientSampled :

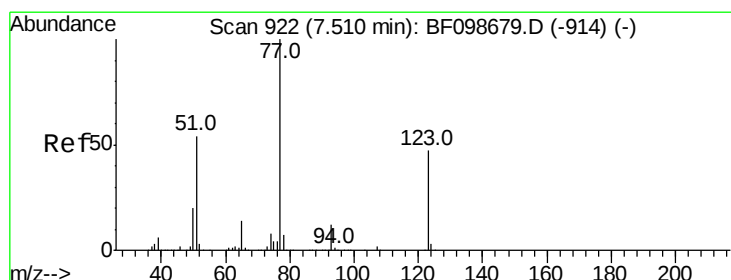
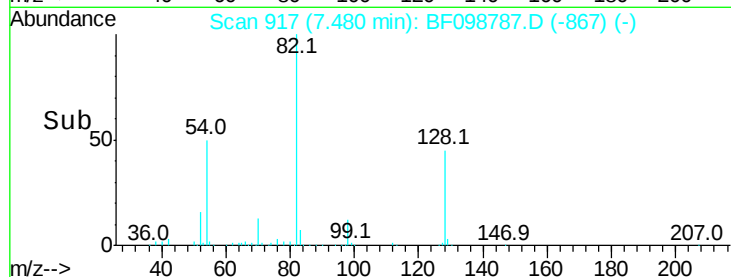
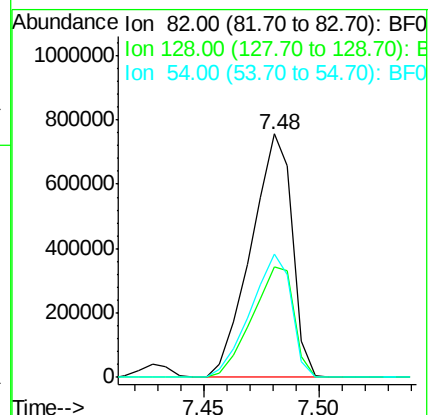
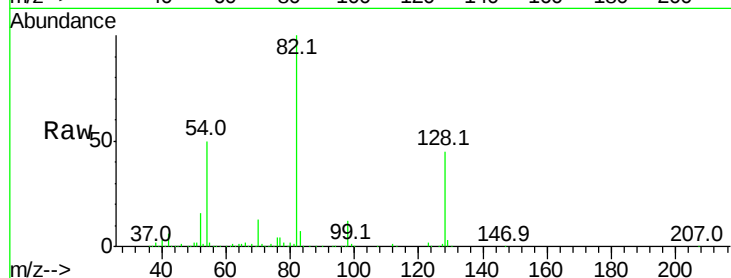
Tot Ion: 82 Resp: 936151

Ion Ratio Lower Upper

82 100

128 45.2 36.1 54.1

54 50.5 41.4 62.2



#24

Nitrobenzene

Concen: 42.268 ng

RT: 7.50 min Scan# 920

Delta R.T. -0.01 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

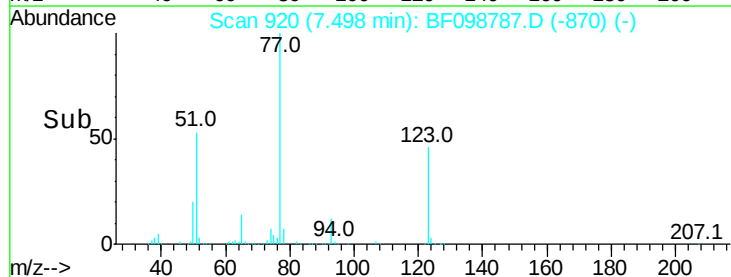
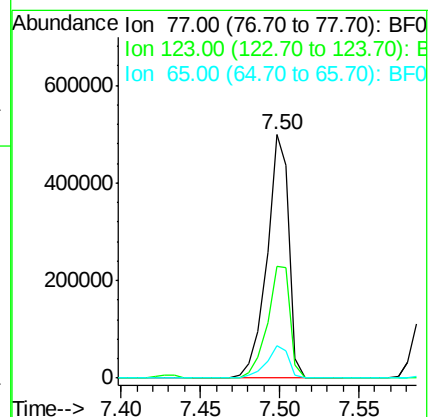
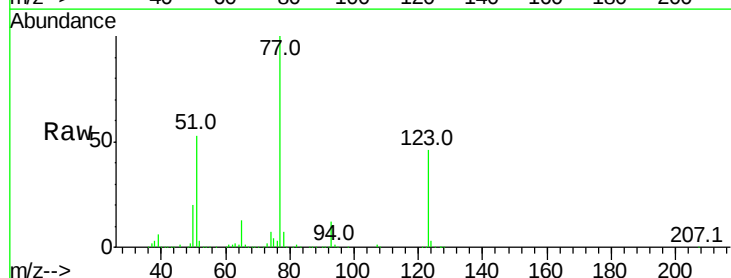
Tgt Ion: 77 Resp: 483716

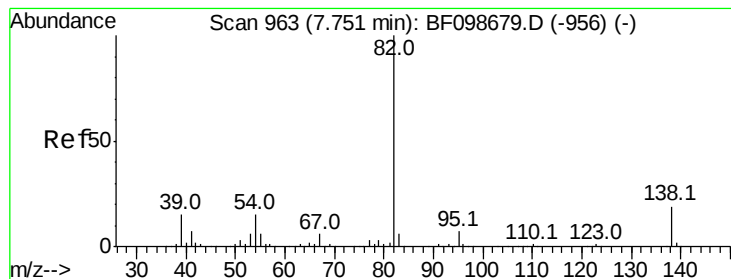
Ion Ratio Lower Upper

77 100

123 46.2 37.9 56.9

65 13.3 11.0 16.4





#25

Isophorone

Concen: 43.224 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

Instrument :

BNA_F

ClientSampleId :

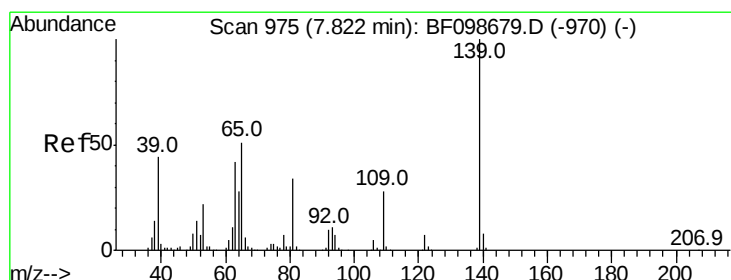
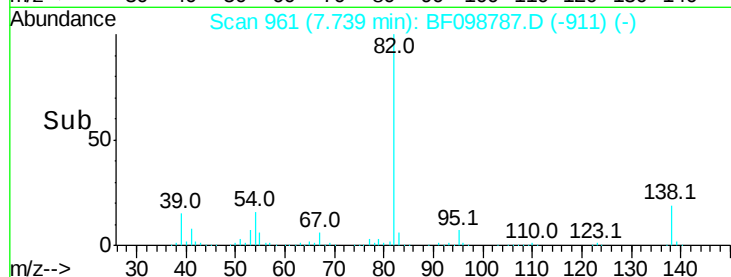
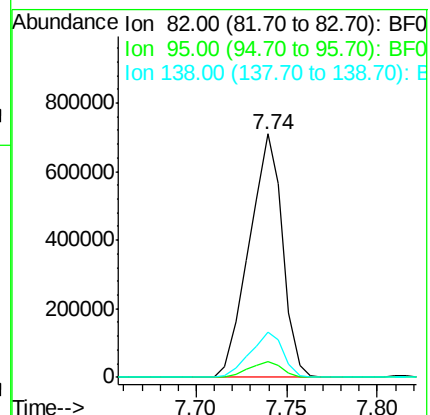
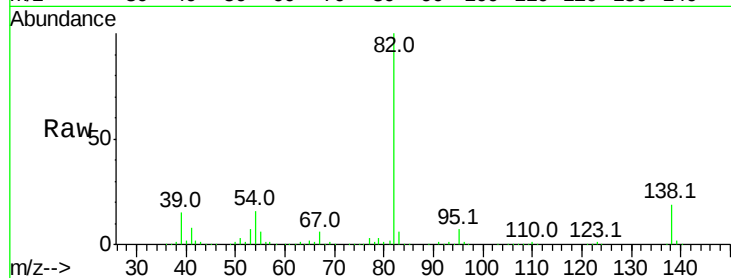
Tot Ion: 82 Resp: 901556

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

138 18.8 14.9 22.3



#26

2-Nitrophenol

Concen: 46.785 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

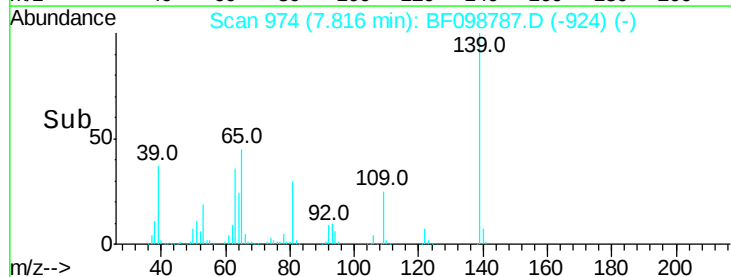
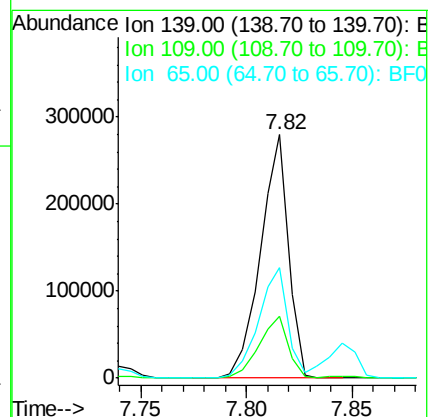
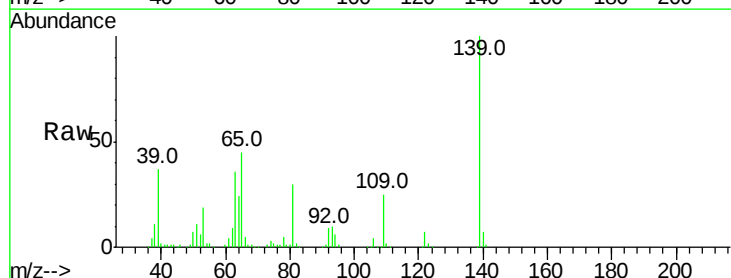
Tgt Ion: 139 Resp: 257464

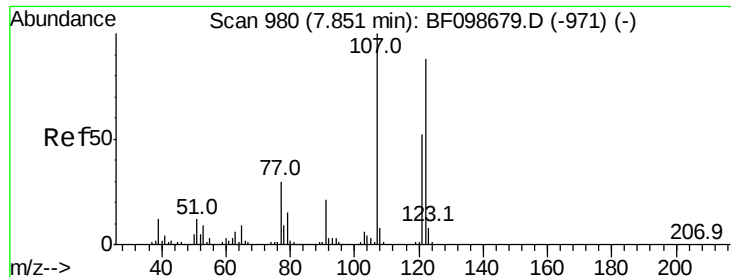
Ion Ratio Lower Upper

139 100

109 25.4 22.7 34.1

65 45.2 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 43.295 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

Instrument :

BNA_F

ClientSampleId :

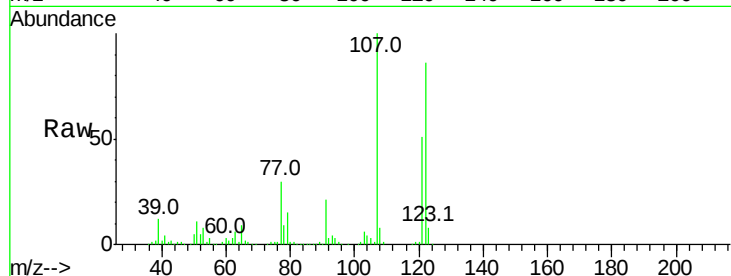
Tot Ion:122 Resp: 449950

Ion Ratio Lower Upper

122 100

107 115.7 91.2 136.8

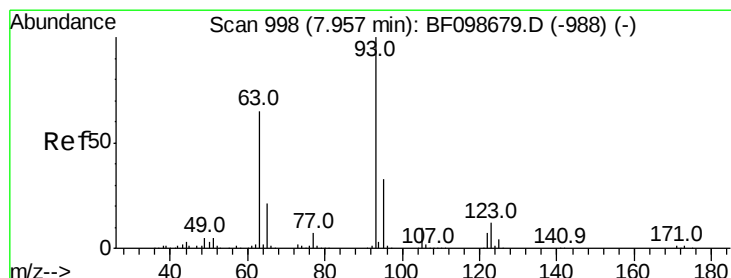
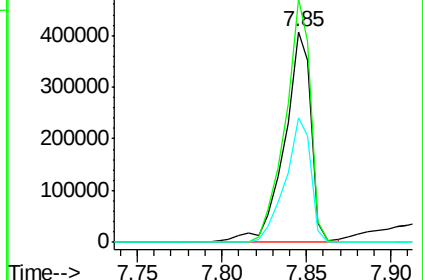
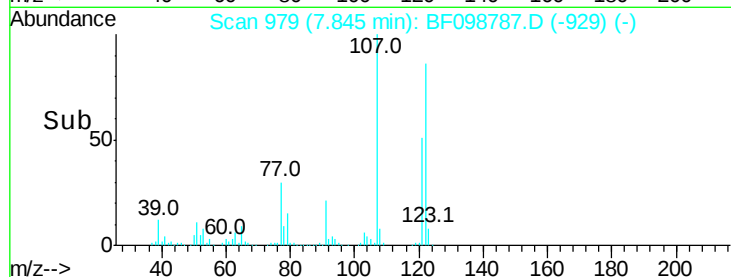
121 59.0 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.871 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

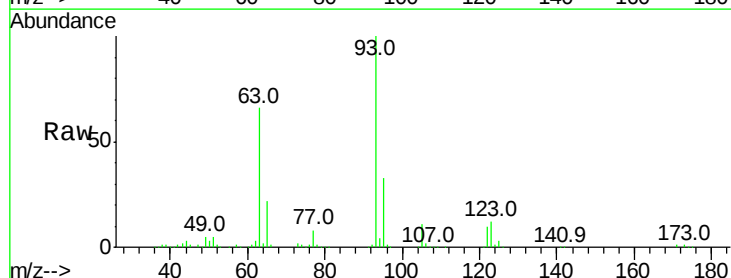
Tgt Ion: 93 Resp: 570247

Ion Ratio Lower Upper

93 100

95 32.9 26.3 39.5

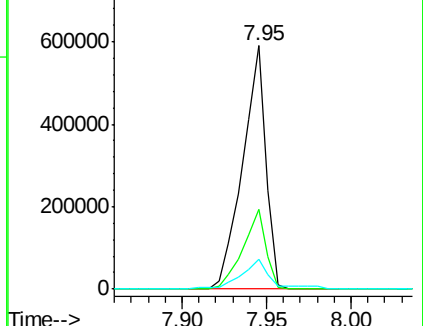
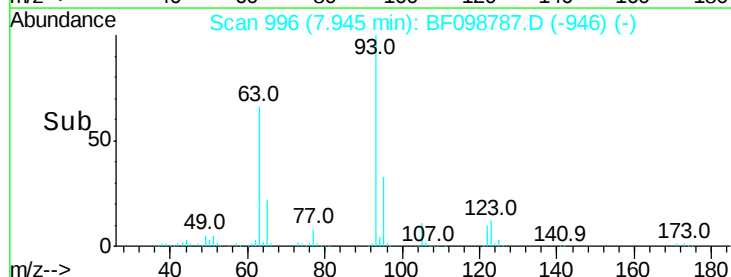
123 12.0 9.8 14.6

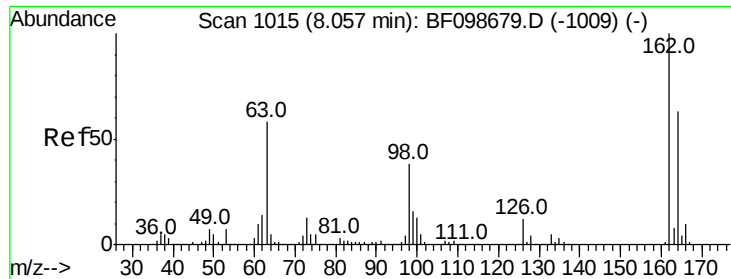


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

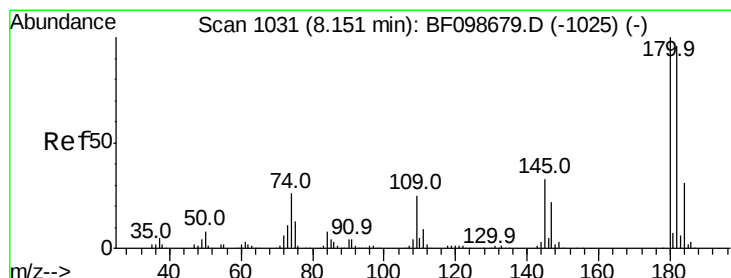
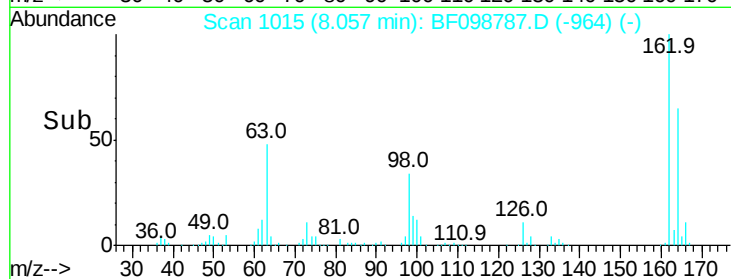
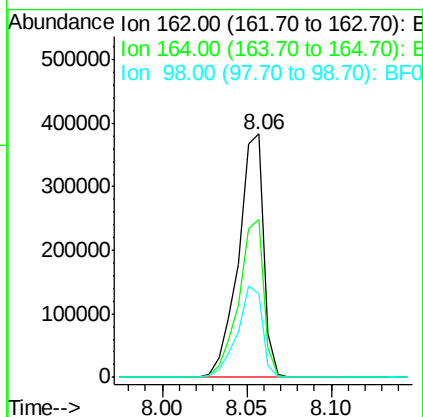
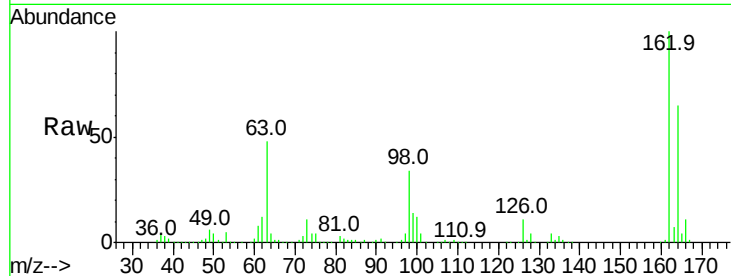




#29
 2,4-Dichlorophenol
 Concen: 44.741 ng
 RT: 8.06 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: BF098787.D
 Acq: 25 Sep 2017 17:16

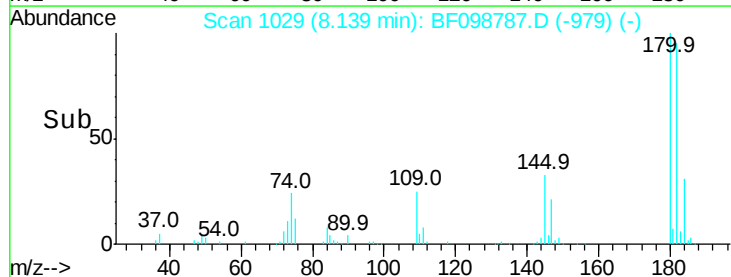
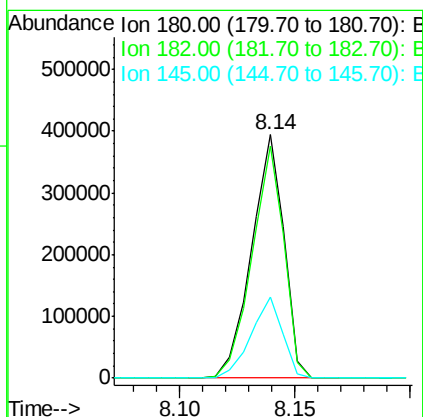
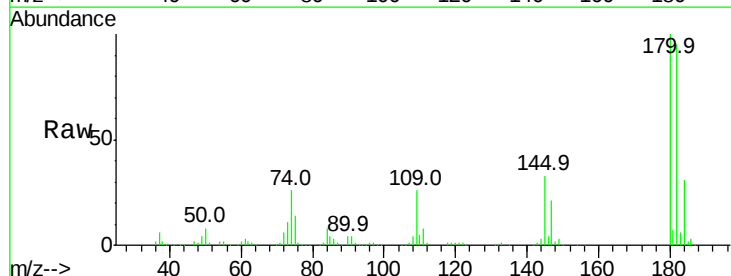
Instrument :
 BNA_F
 ClientSampled :

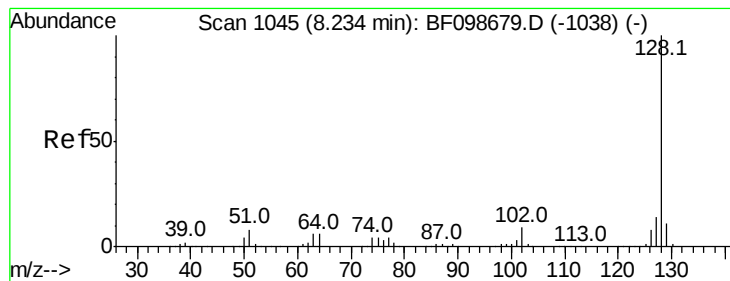
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	42.7	82.7
98	34.3	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 43.131 ng
 RT: 8.14 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF098787.D
 Acq: 25 Sep 2017 17:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.8	115.2
145	33.1	26.5	39.7





#31

Naphthalene

Concen: 42.872 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

Instrument :

BNA_F

ClientSampleId :

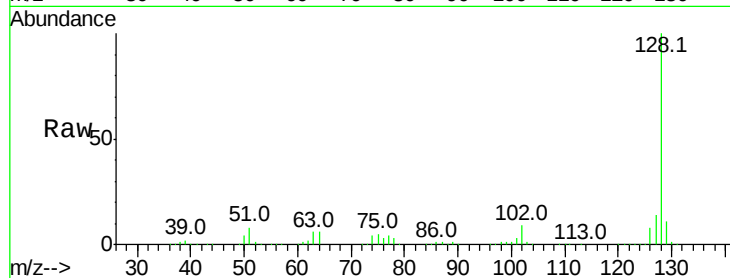
Tot Ion:128 Resp: 1302699

Ion Ratio Lower Upper

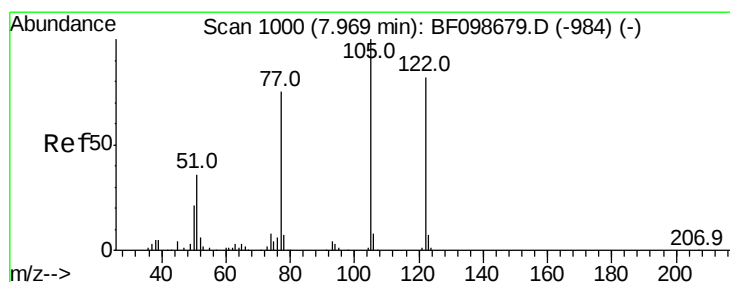
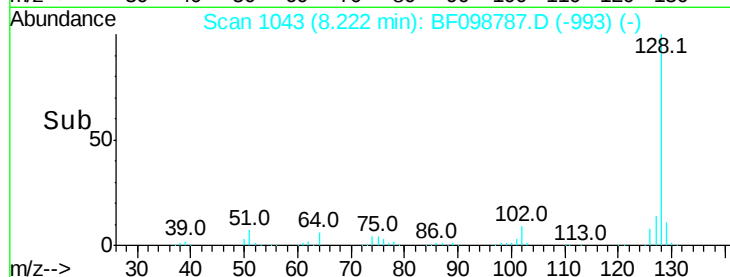
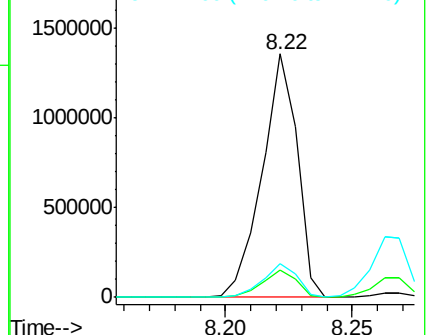
128 100

129 11.4 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: 38.090 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.00 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

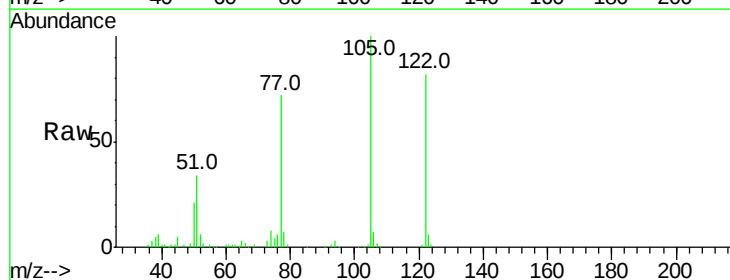
Tgt Ion:122 Resp: 325164

Ion Ratio Lower Upper

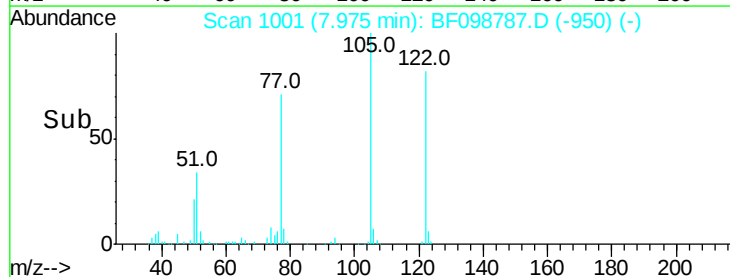
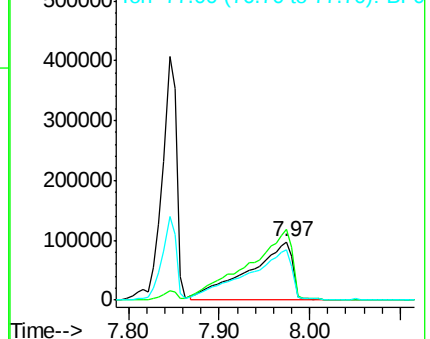
122 100

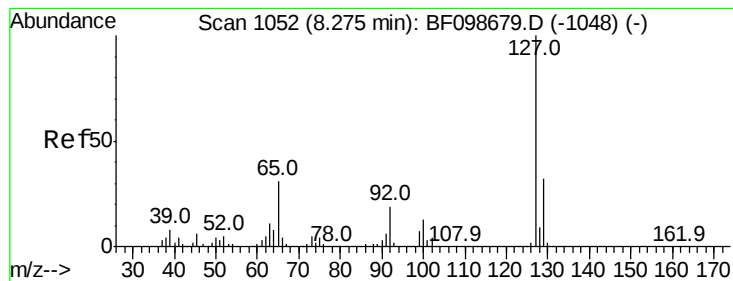
105 122.6 101.1 141.1

77 87.7 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): BF0





#33

4-Chloroaniline

Concen: 28.286 ng

RT: 8.26 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 358922

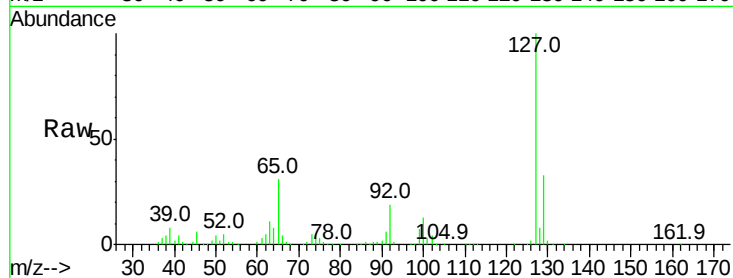
Ion Ratio Lower Upper

127 100

129 33.3 25.9 38.9

65 30.6 25.0 37.4

92 19.3 15.2 22.8

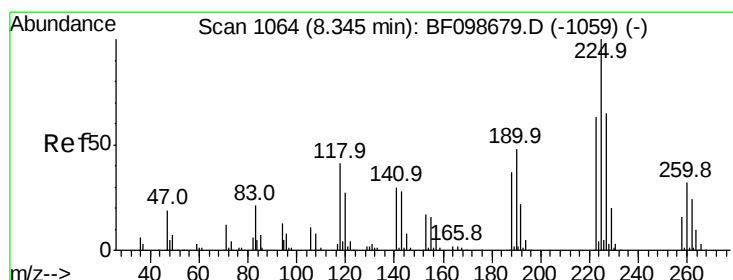
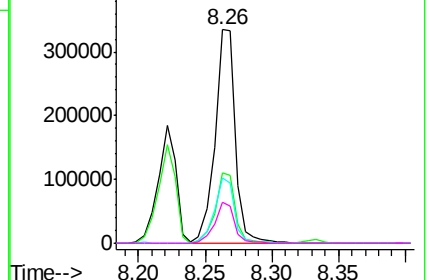
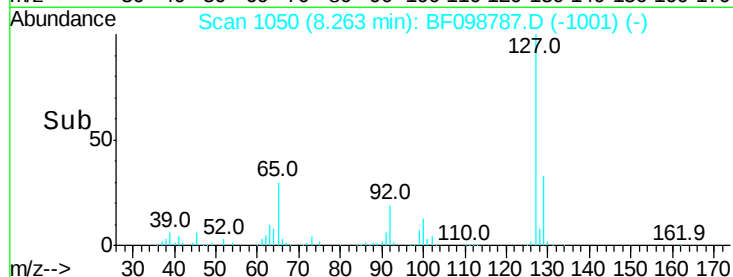


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 42.198 ng

RT: 8.33 min Scan# 1062

Delta R.T. -0.01 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

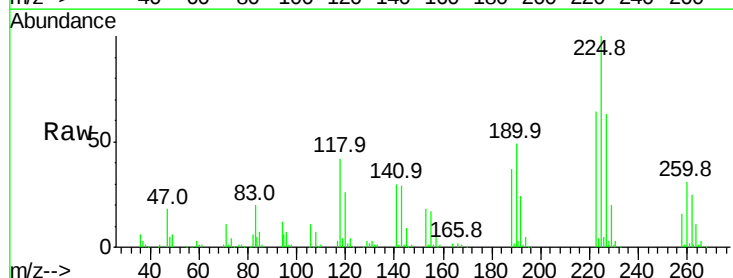
Tgt Ion:225 Resp: 193972

Ion Ratio Lower Upper

225 100

223 63.7 50.6 76.0

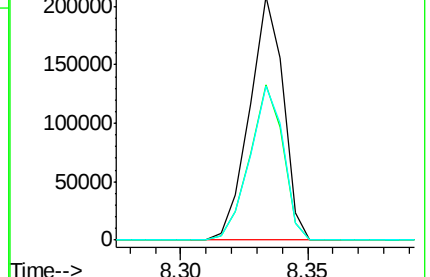
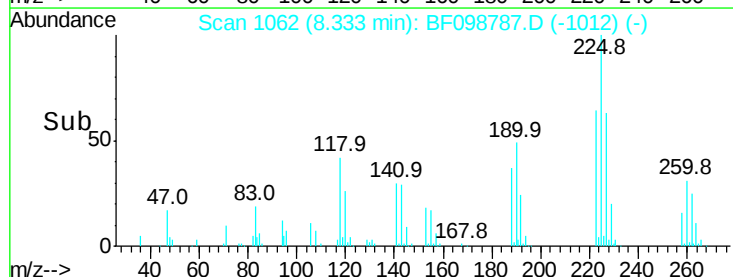
227 63.3 51.9 77.9

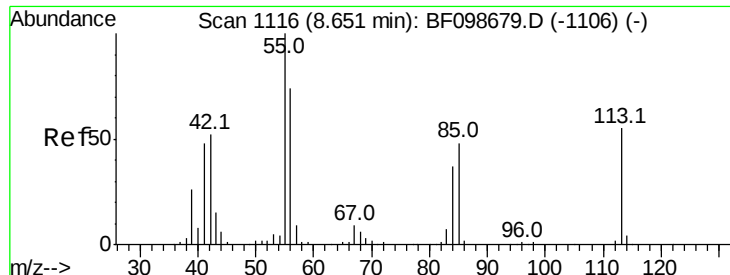


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

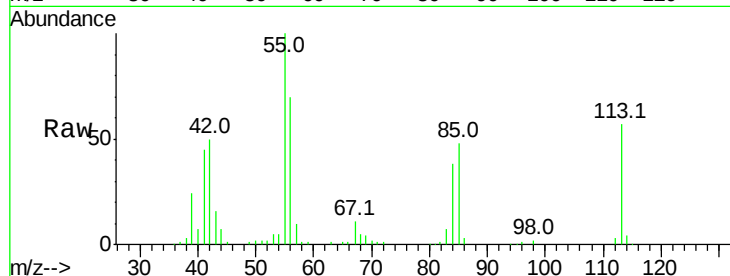




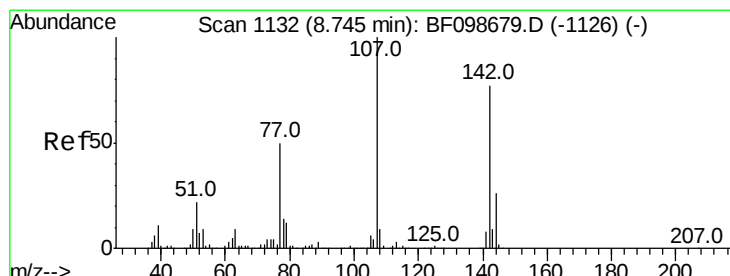
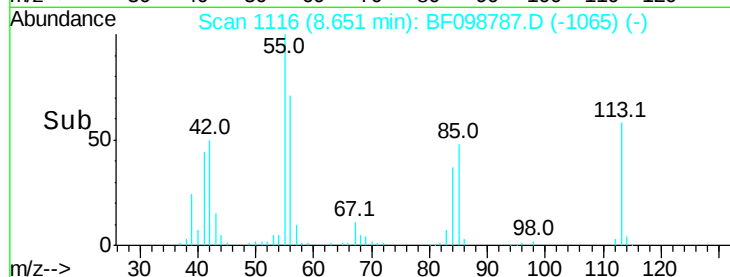
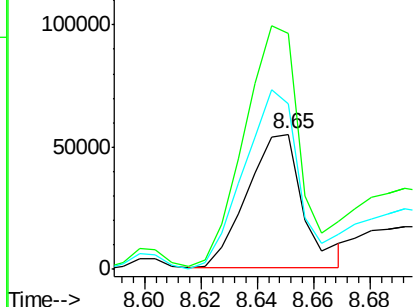
#35
 Caprolactam
 Concen: 26.608 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. -0.00 min
 Lab File: BF098787.D
 Acq: 25 Sep 2017 17:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 76157
 Ion Ratio Lower Upper
 113 100
 55 174.3 163.3 203.3
 56 122.7 115.7 155.7

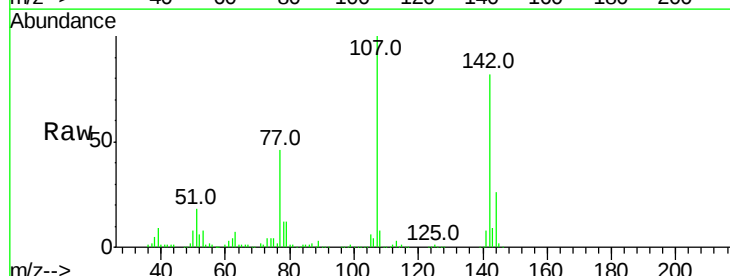


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

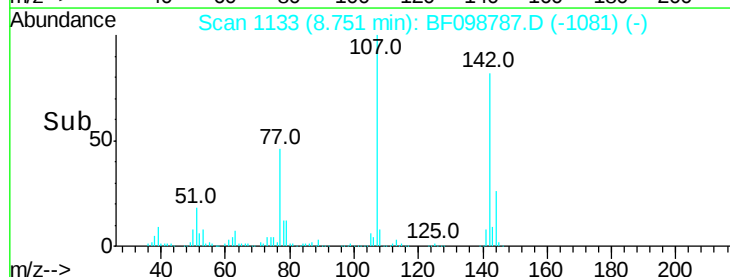
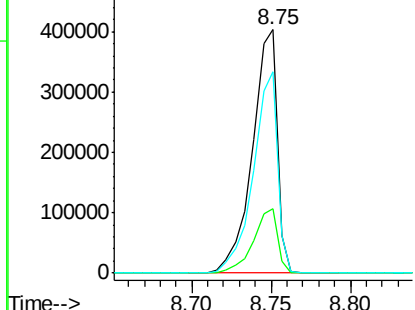


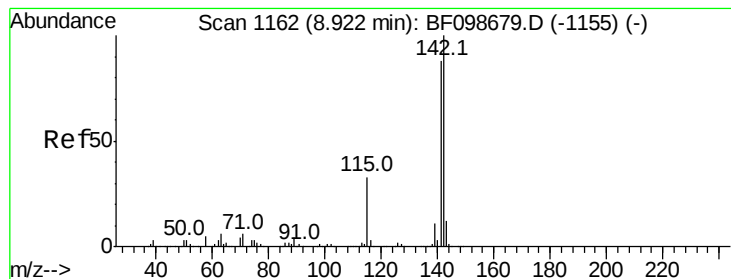
#36
 4-Chloro-3-methylphenol
 Concen: 44.127 ng
 RT: 8.75 min Scan# 1133
 Delta R.T. 0.01 min
 Lab File: BF098787.D
 Acq: 25 Sep 2017 17:16

Tgt Ion:107 Resp: 442557
 Ion Ratio Lower Upper
 107 100
 144 26.4 20.5 30.7
 142 82.4 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: 46.411 ng

RT: 8.92 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

Instrument :

BNA_F

ClientSampled :

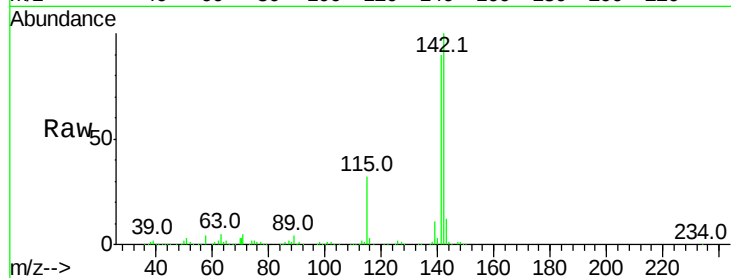
Tot Ion:142 Resp: 916768

Ion Ratio Lower Upper

142 100

141 90.5 70.8 106.2

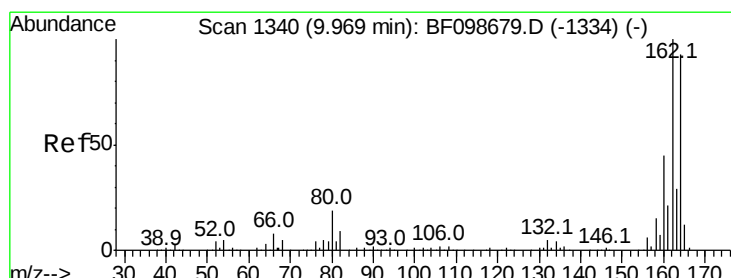
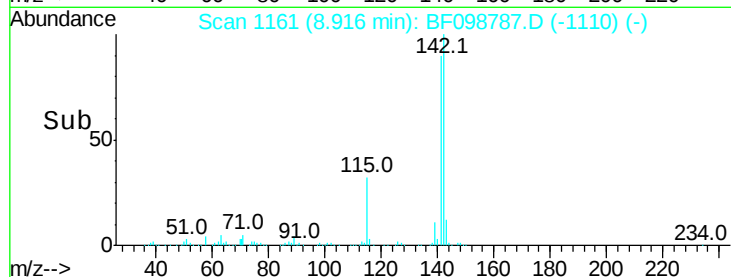
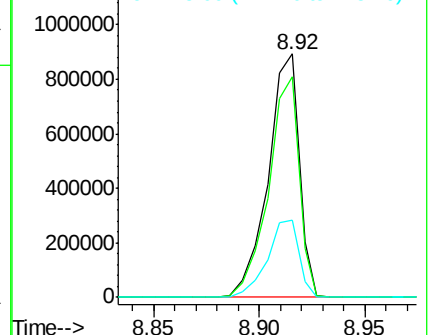
115 31.9 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

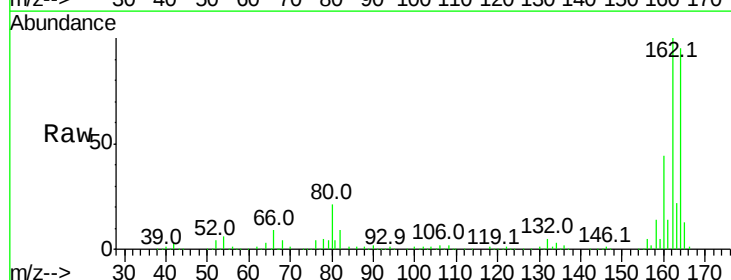
Tgt Ion:164 Resp: 305484

Ion Ratio Lower Upper

164 100

162 105.5 86.1 129.1

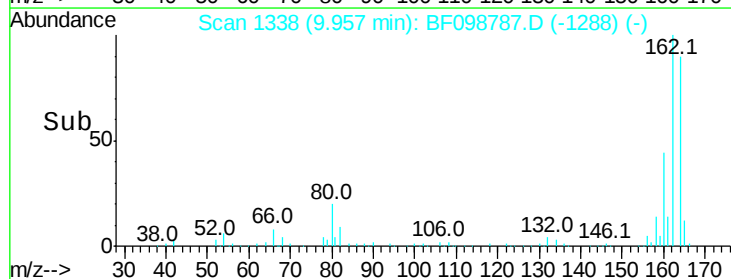
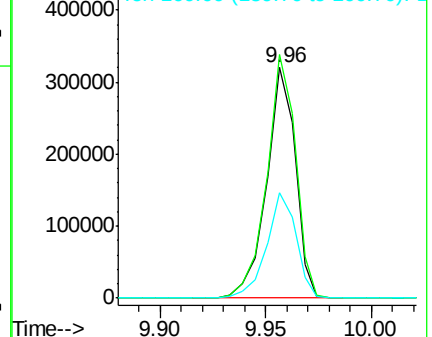
160 45.9 38.3 57.5

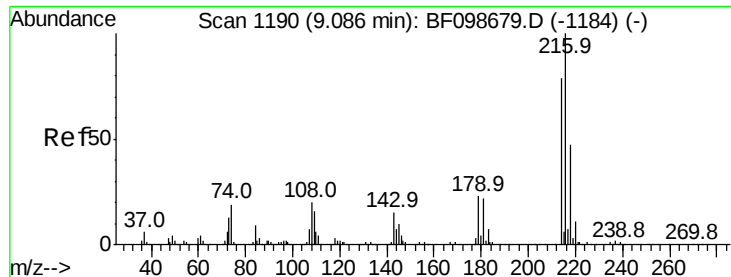


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

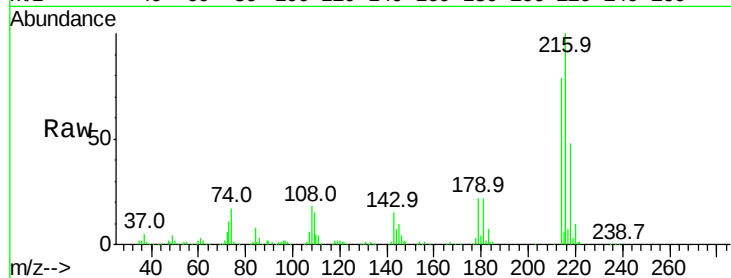




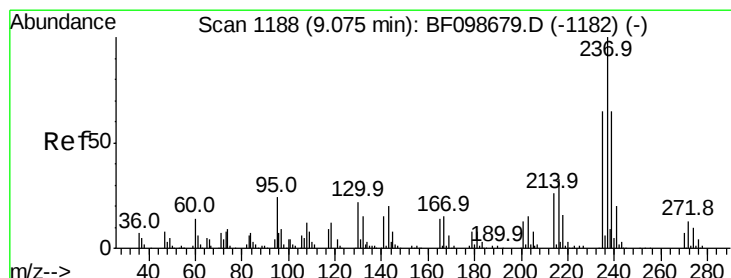
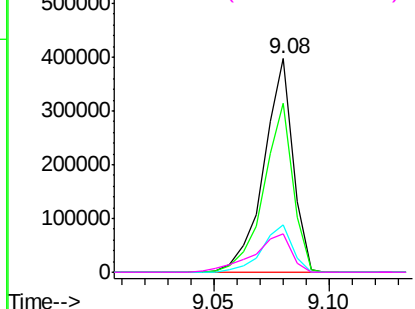
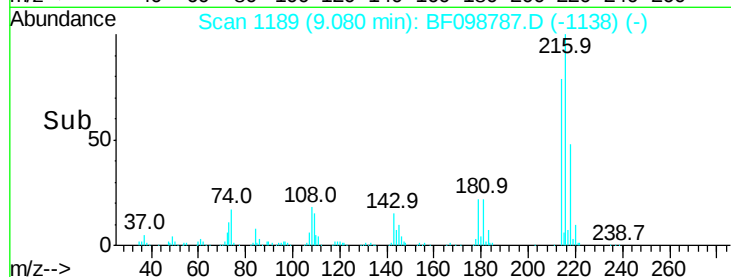
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.224 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF098787.D
 Acq: 25 Sep 2017 17:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	348234
Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.0	94.4
179	22.8	18.1	27.1
108	23.4	17.2	25.8

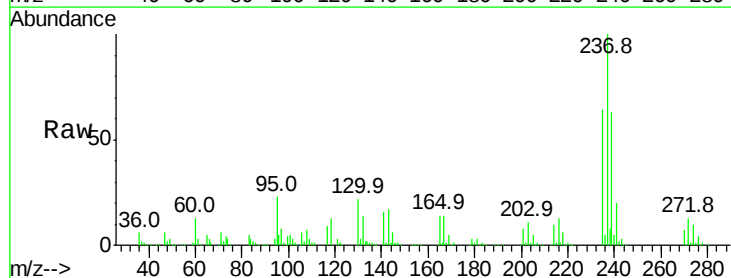


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

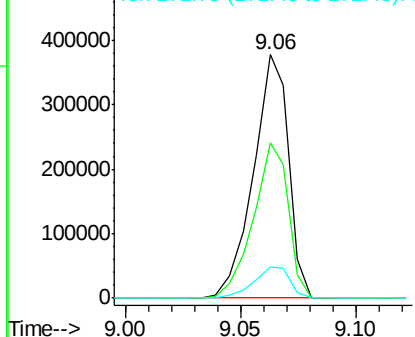
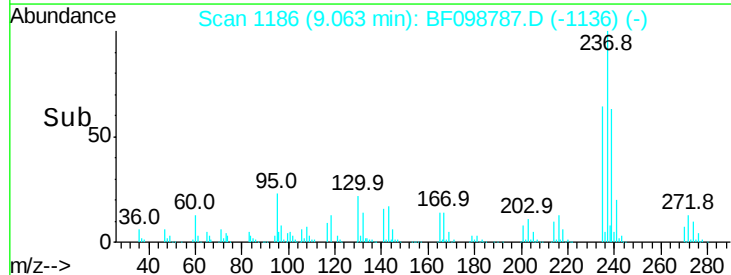


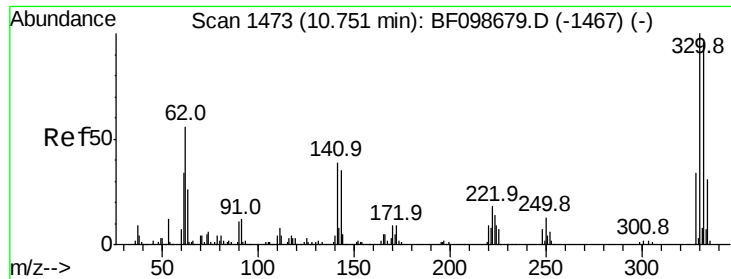
#40
 Hexachlorocyclopentadiene
 Concen: 96.027 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF098787.D
 Acq: 25 Sep 2017 17:16

Tgt Ion:	237	Resp:	399803
Ion	Ratio	Lower	Upper
237	100		
235	63.7	44.8	84.8
272	12.7	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

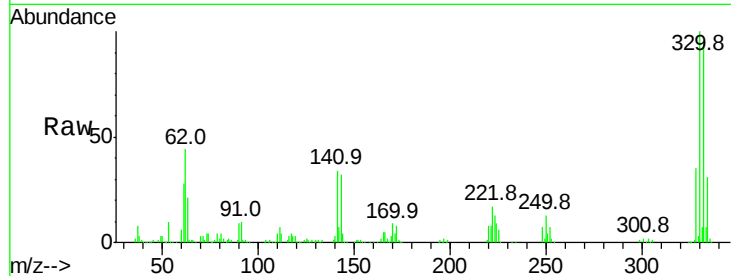




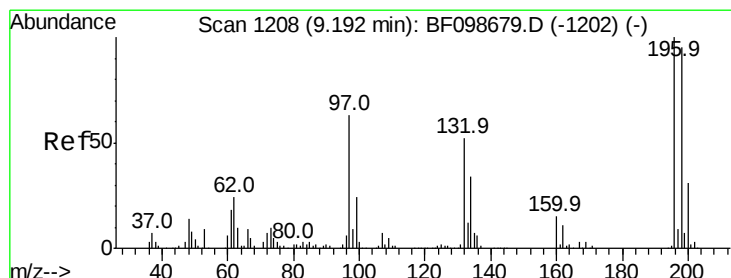
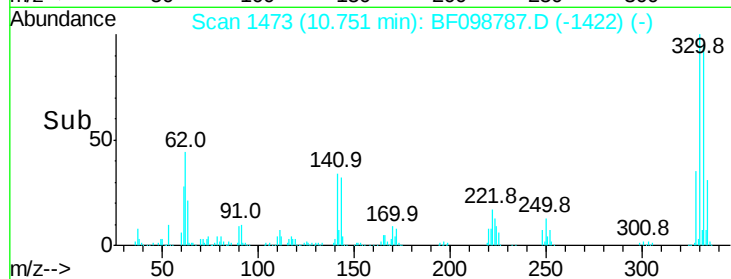
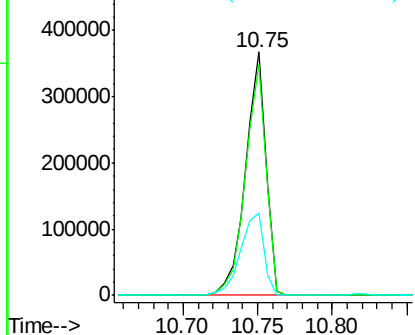
#41
 2,4,6-Tribromophenol
 Concen: 139.095 ng
 RT: 10.75 min Scan# 1473
 Delta R.T. -0.00 min
 Lab File: BF098787.D
 Acq: 25 Sep 2017 17:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	38.9	29.9	44.9

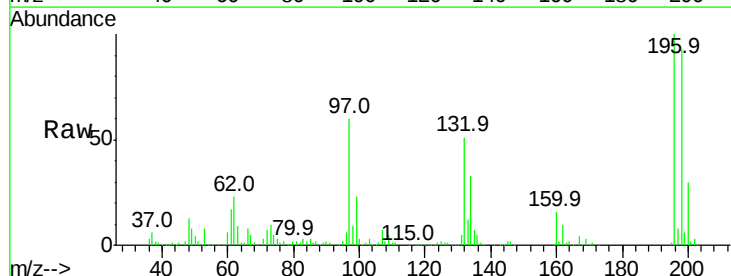


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

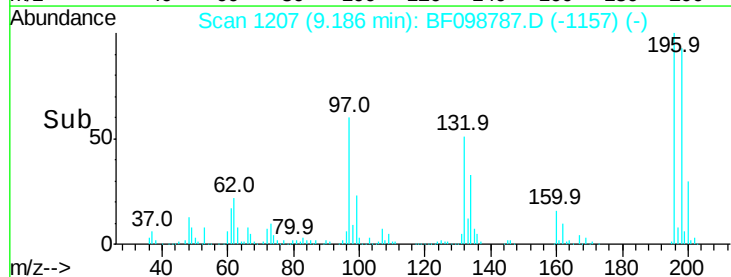
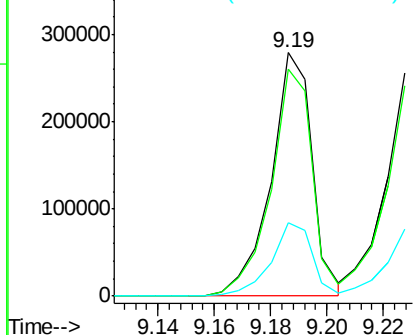


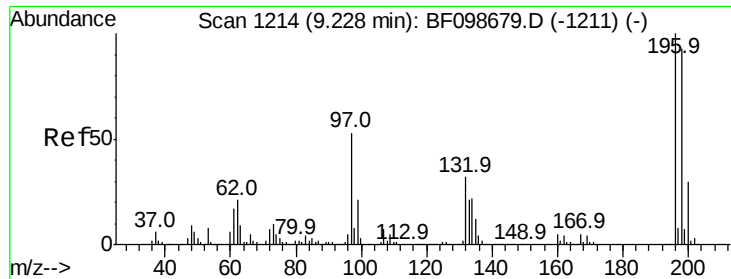
#42
 2,4,6-Trichlorophenol
 Concen: 43.654 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF098787.D
 Acq: 25 Sep 2017 17:16

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.3	75.7	113.5
200	30.0	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

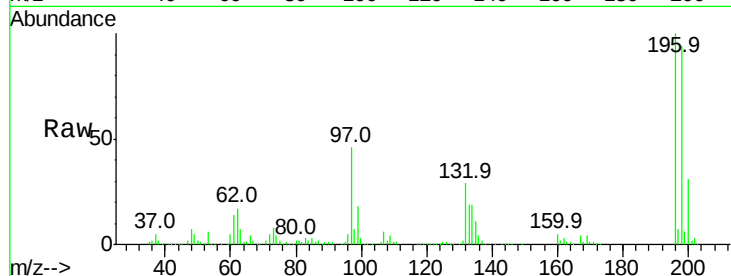




#43
 2,4,5-Trichlorophenol
 Concen: 45.445 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.01 min
 Lab File: BF098787.D
 Acq: 25 Sep 2017 17:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Resp	Lower	Upper
196	100	292793		
198	94.4		74.6	112.0
97	45.8		42.9	64.3
132	29.3		26.3	39.5



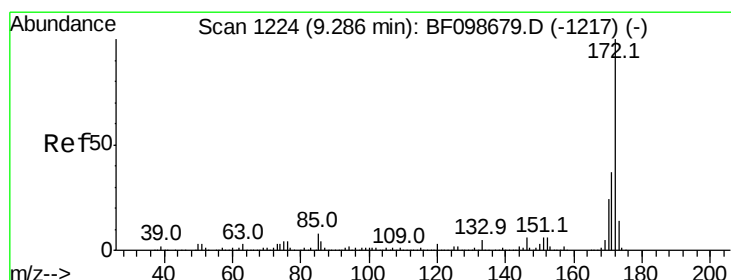
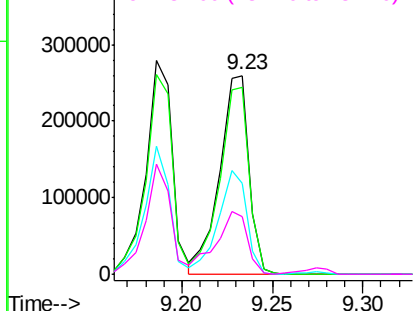
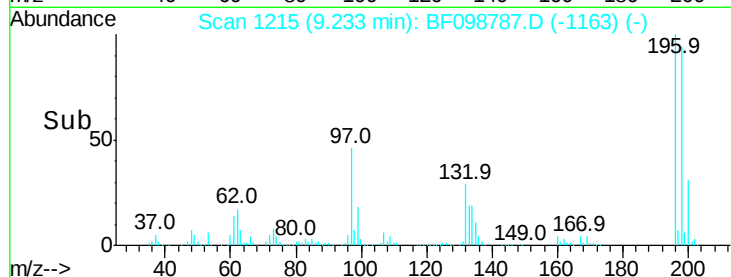
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

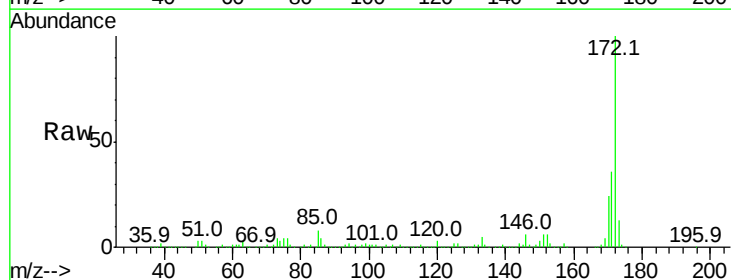
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 93.419 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098787.D
 Acq: 25 Sep 2017 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1709468		
171	36.4		29.7	44.5
170	24.3		19.6	29.4

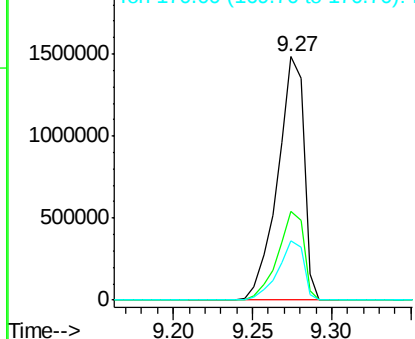
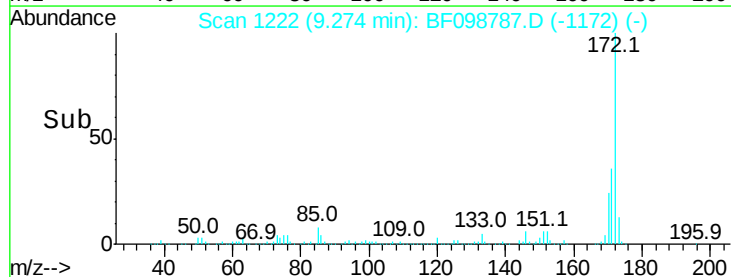


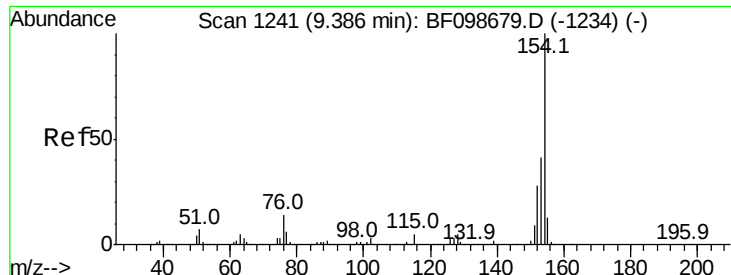
Abundance

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: 40.492 ng

RT: 9.38 min Scan# 1240

Delta R.T. -0.00 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

Instrument :

BNA_F

ClientSampled :

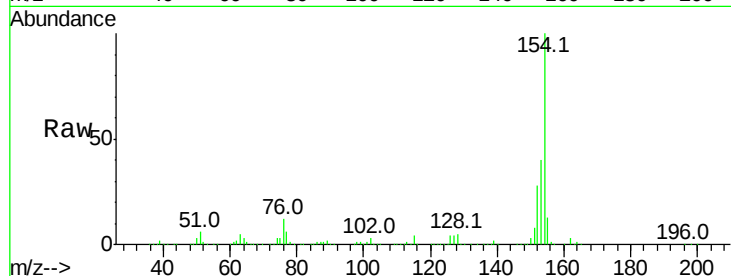
Tot Ion:154 Resp: 1063087

Ion Ratio Lower Upper

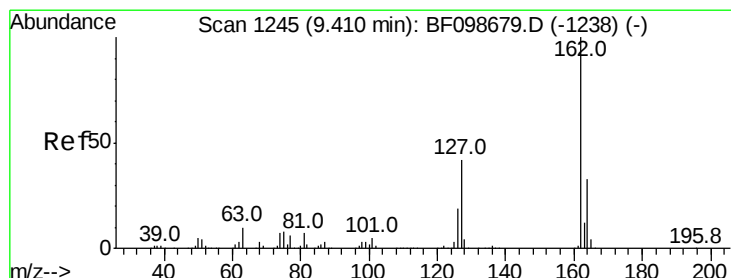
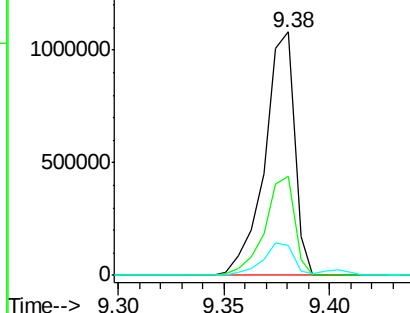
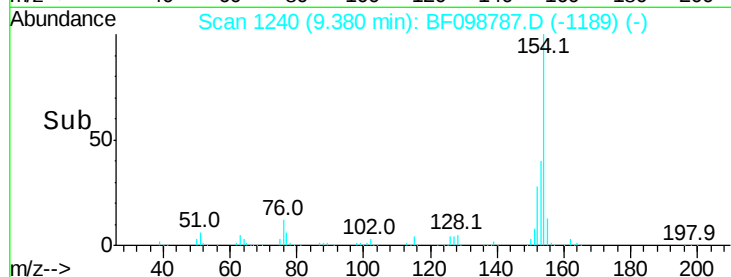
154 100

153 40.4 21.3 61.3

76 12.3 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 42.578 ng

RT: 9.40 min Scan# 1244

Delta R.T. -0.01 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

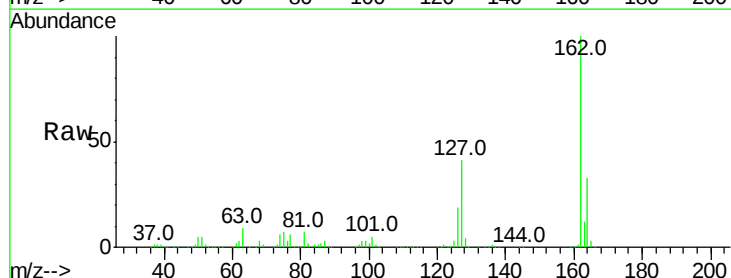
Tgt Ion:162 Resp: 839327

Ion Ratio Lower Upper

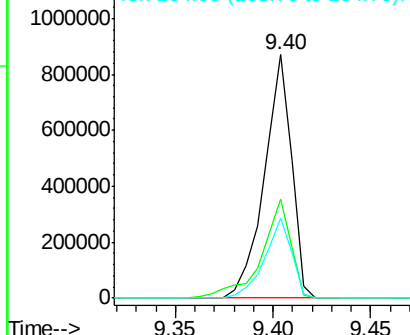
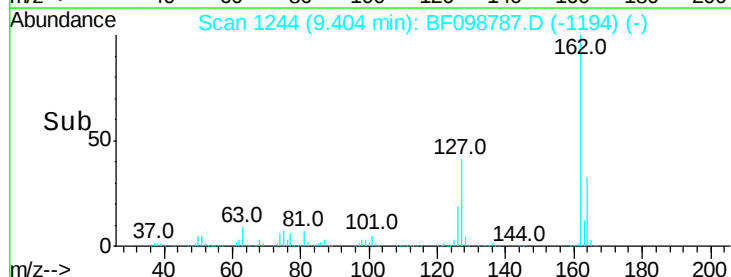
162 100

127 40.5 33.9 50.9

164 32.9 26.5 39.7



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





#47

2-Nitroaniline

Concen: 45.994 ng

RT: 9.50 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

Instrument :

BNA_F

ClientSampleId :

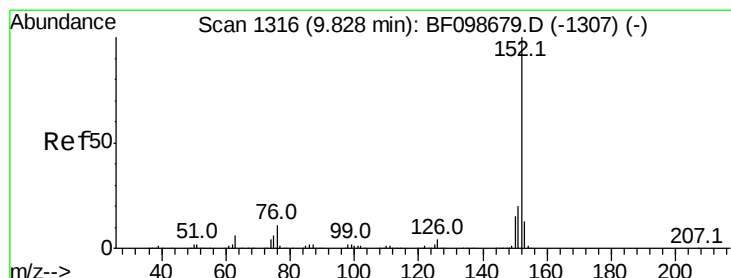
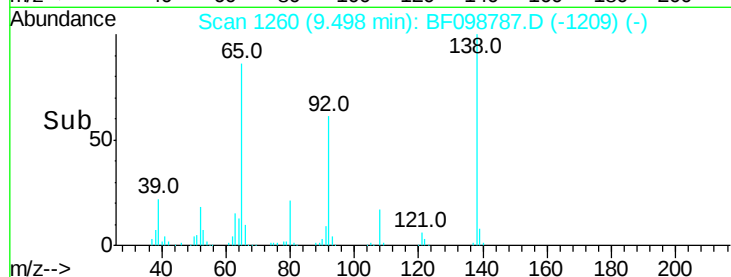
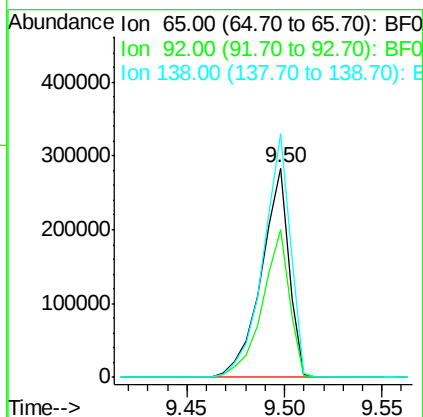
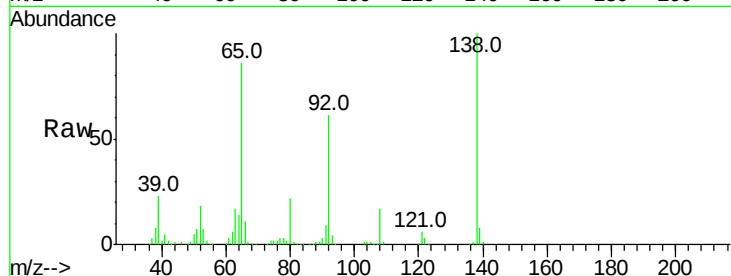
Tot Ion: 65 Resp: 277615

Ion Ratio Lower Upper

65 100

92 70.5 55.8 83.6

138 116.3 91.2 136.8



#48

Acenaphthylene

Concen: 42.931 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

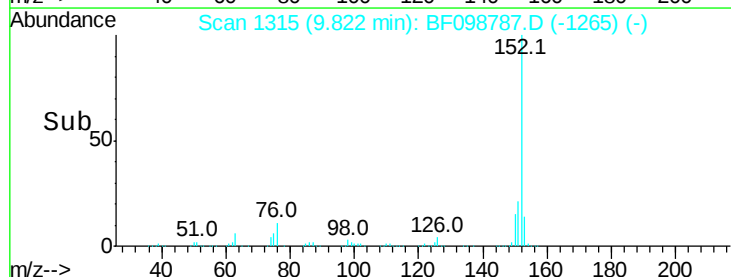
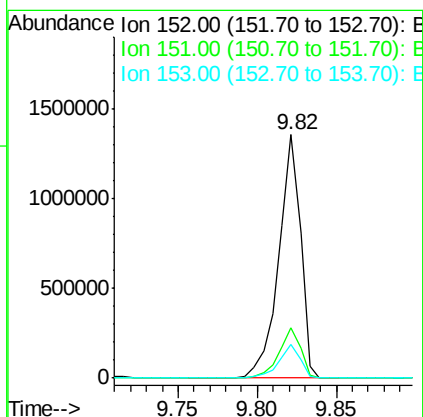
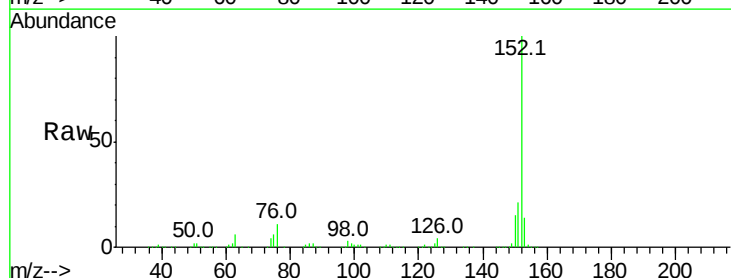
Tgt Ion: 152 Resp: 1295516

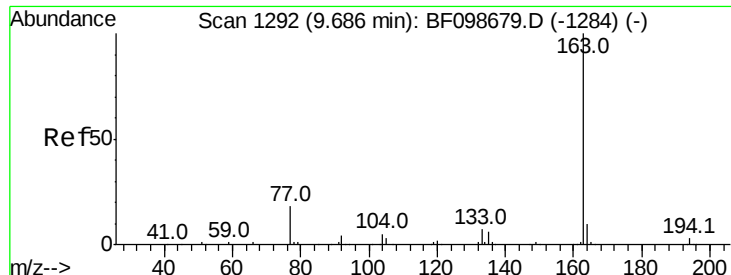
Ion Ratio Lower Upper

152 100

151 20.8 16.3 24.5

153 13.6 10.7 16.1

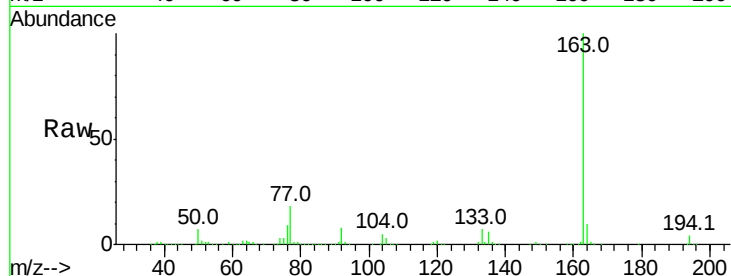




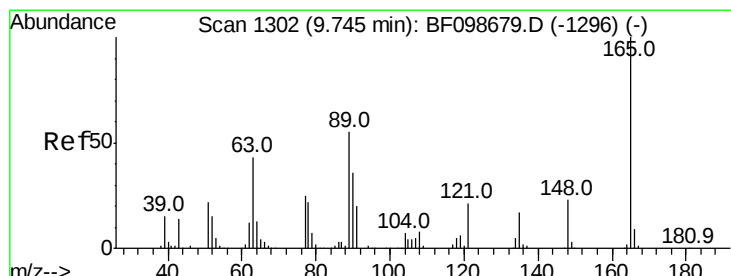
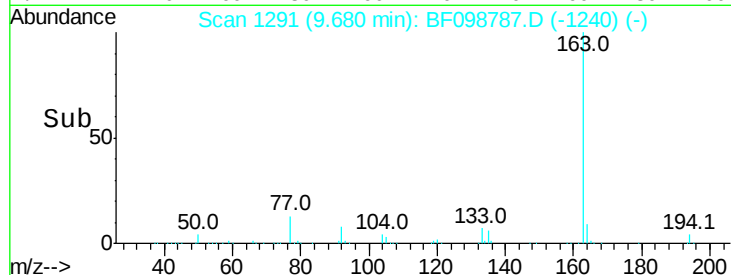
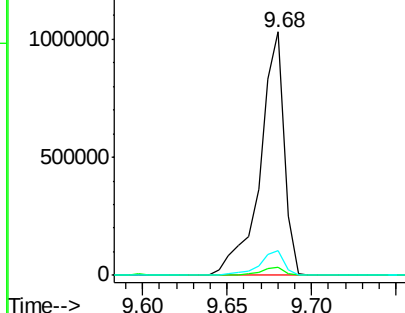
#49
Dimethylphthalate
Concen: 44.226 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BF098787.D
Acq: 25 Sep 2017 17:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 1019675
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.1 8.2 12.2

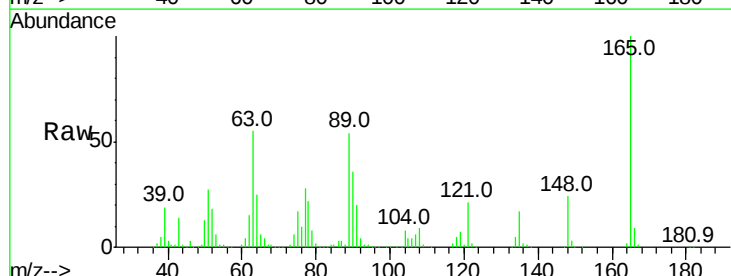


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

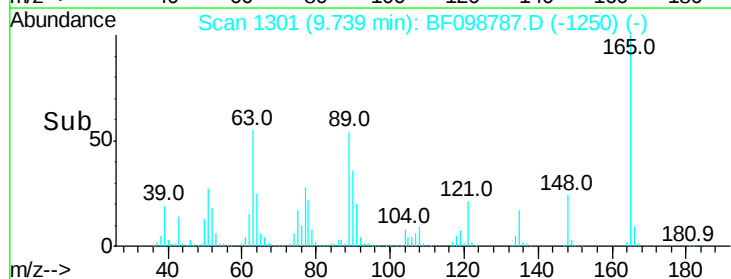
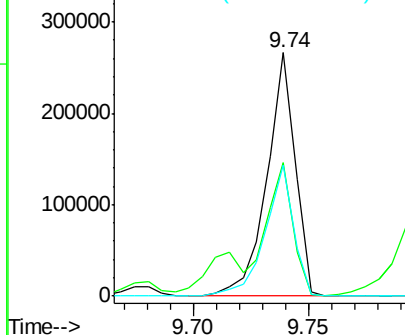


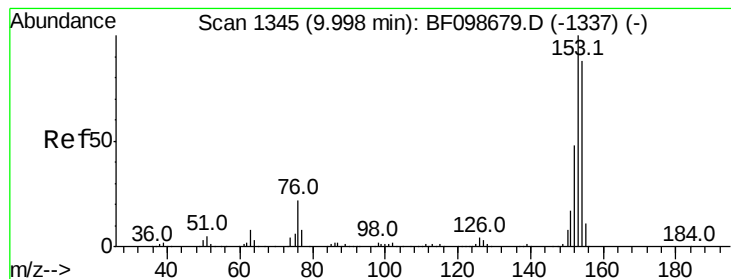
#50
2,6-Dinitrotoluene
Concen: 45.508 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF098787.D
Acq: 25 Sep 2017 17:16

Tgt Ion:165 Resp: 228426
Ion Ratio Lower Upper
165 100
63 55.0 44.7 67.1
89 53.7 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.498 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

Instrument :

BNA_F

ClientSampled :

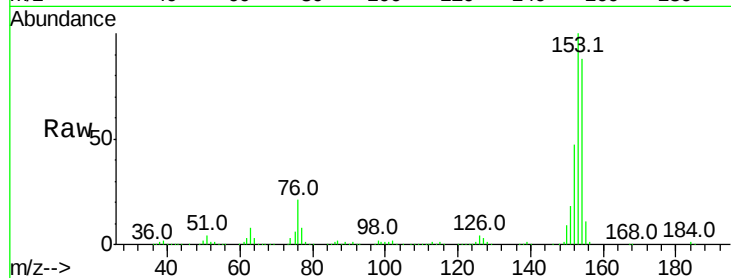
Tot Ion:154 Resp: 812367

Ion Ratio Lower Upper

154 100

153 113.7 91.2 136.8

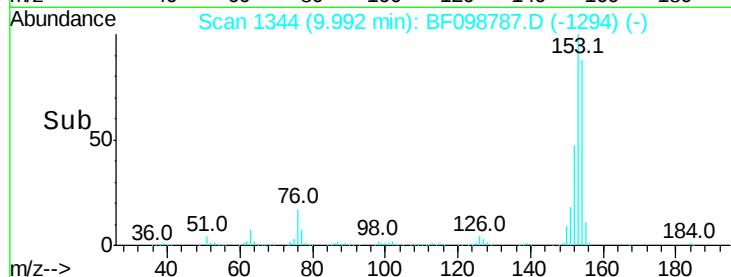
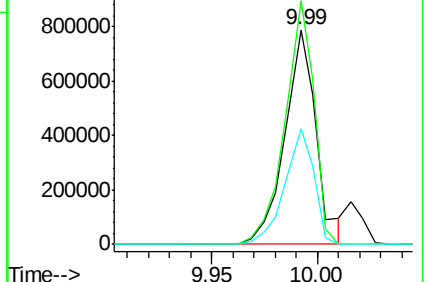
152 53.8 43.8 65.8



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: 33.865 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

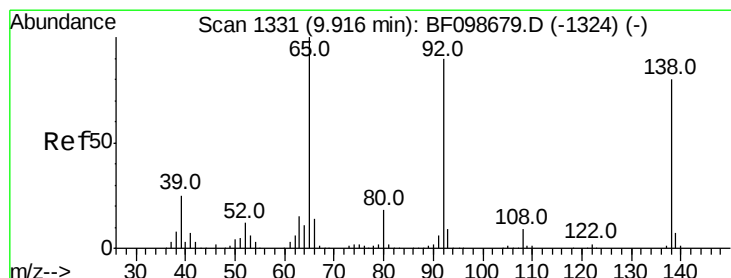
Tgt Ion:138 Resp: 198203

Ion Ratio Lower Upper

138 100

108 10.4 9.4 14.0

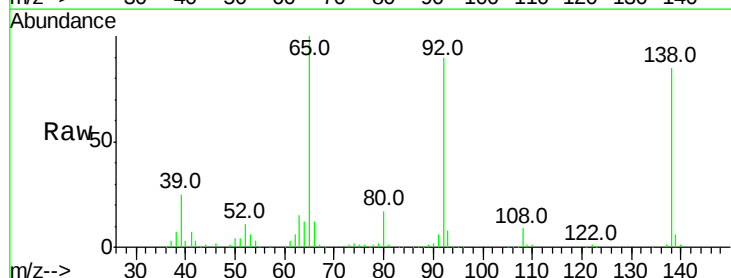
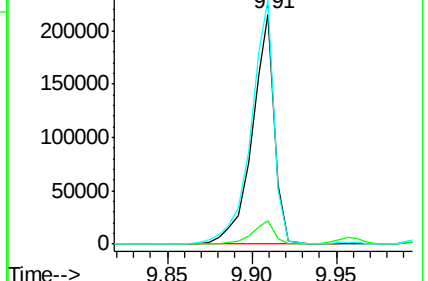
92 106.0 89.4 134.2

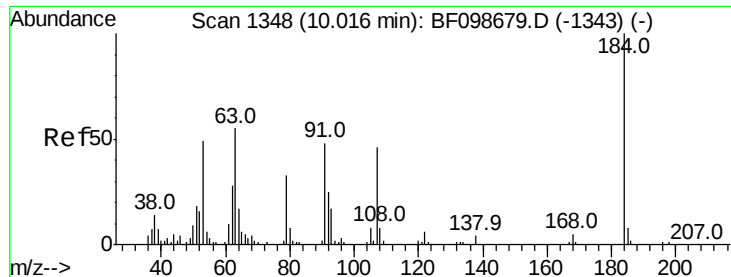


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

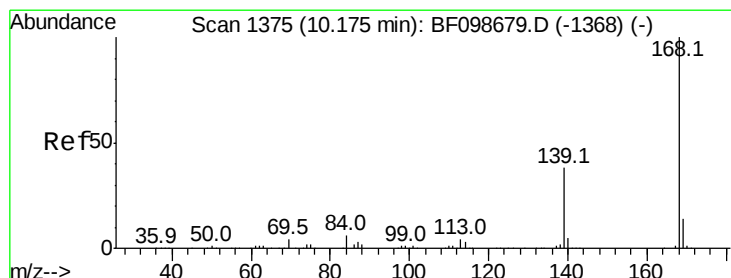
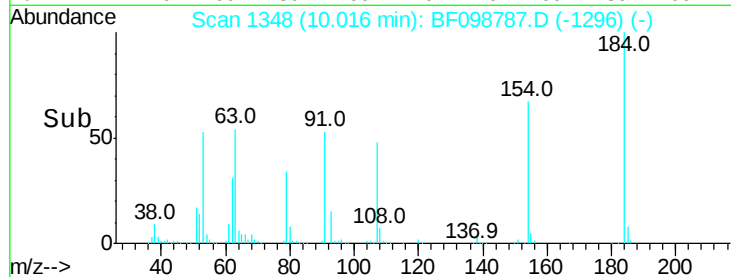
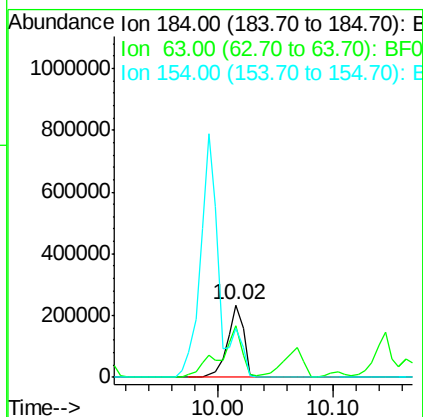
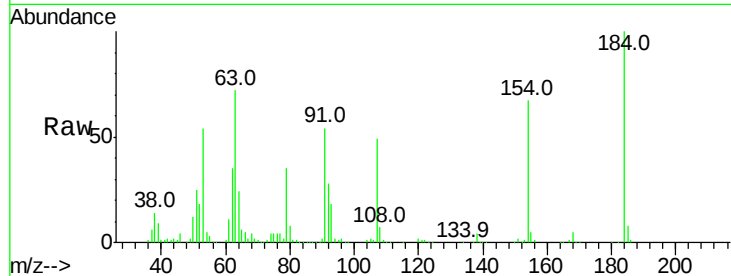




#53
 2,4-Dinitrophenol
 Concen: 86.639 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. 0.01 min
 Lab File: BF098787.D
 Acq: 25 Sep 2017 17:16

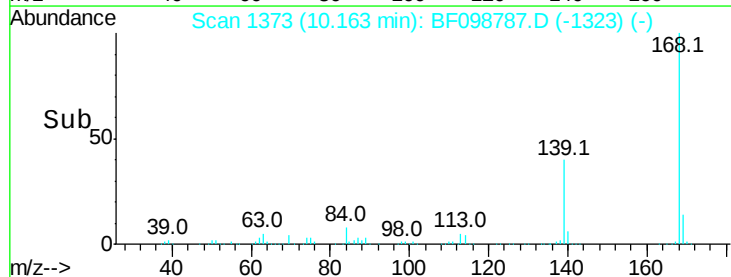
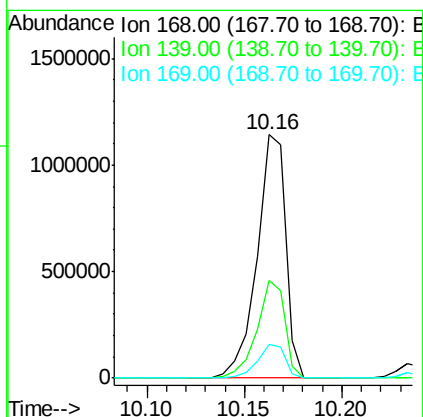
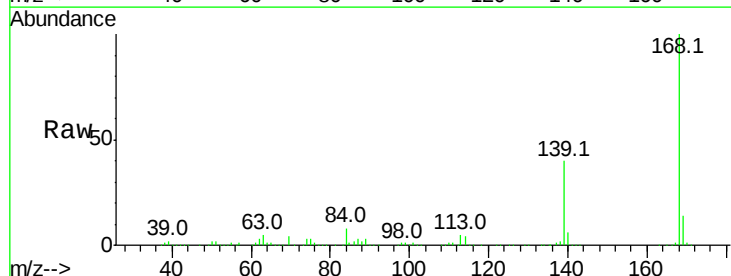
Instrument :
 BNA_F
 ClientSampled :

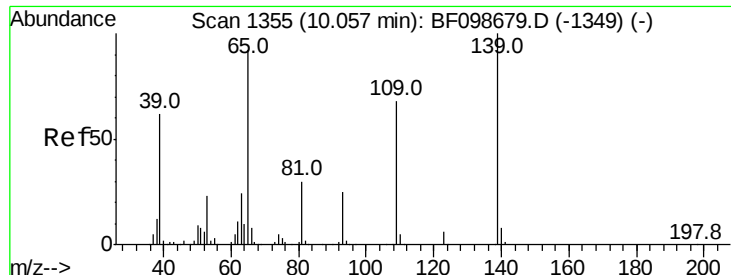
Tot Ion:184 Resp: 227779
 Ion Ratio Lower Upper
 184 100
 63 72.0 54.2 81.2
 154 67.3 53.5 80.3



#54
 Dibenzofuran
 Concen: 45.779 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. -0.01 min
 Lab File: BF098787.D
 Acq: 25 Sep 2017 17:16

Tgt Ion:168 Resp: 1165137
 Ion Ratio Lower Upper
 168 100
 139 40.1 30.1 45.1
 169 14.0 10.9 16.3





#55

4-Nitrophenol

Concen: 91.157 ng

RT: 10.07 min Scan# 1357

Delta R.T. 0.01 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

Instrument :

BNA_F

ClientSampled :

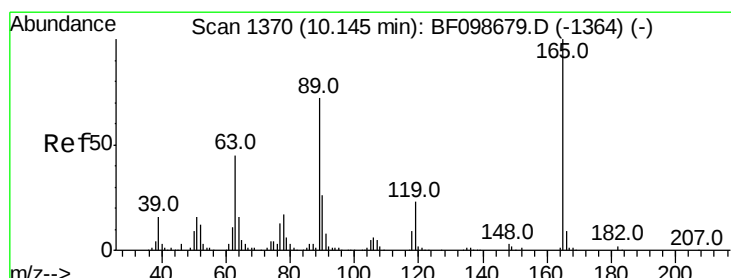
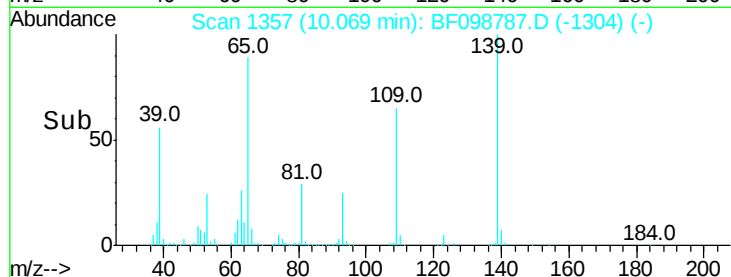
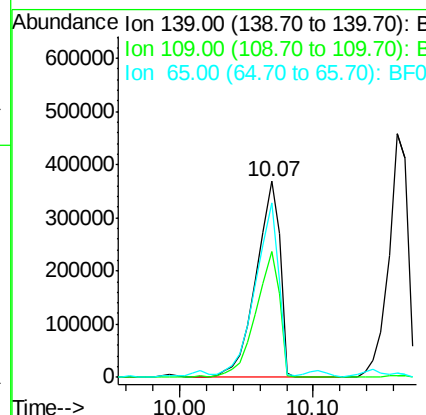
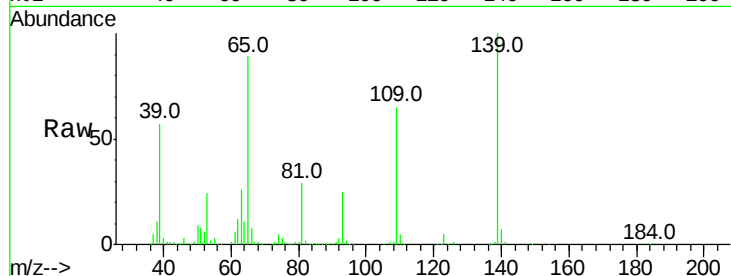
Tot Ion:139 Resp: 451125

Ion Ratio Lower Upper

139 100

109 64.6 48.4 88.4

65 89.3 72.6 112.6



#56

2,4-Dinitrotoluene

Concen: 48.413 ng

RT: 10.15 min Scan# 1370

Delta R.T. -0.00 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

Tgt Ion:165 Resp: 315381

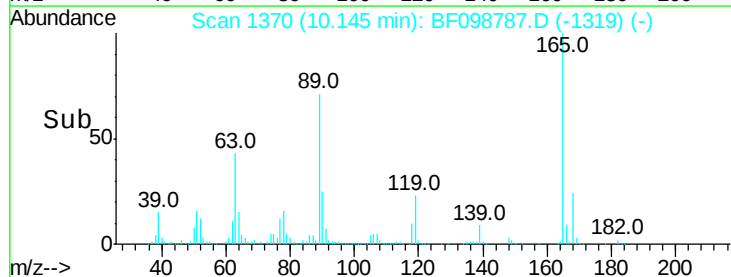
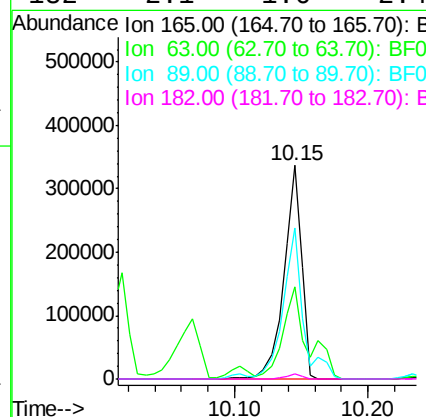
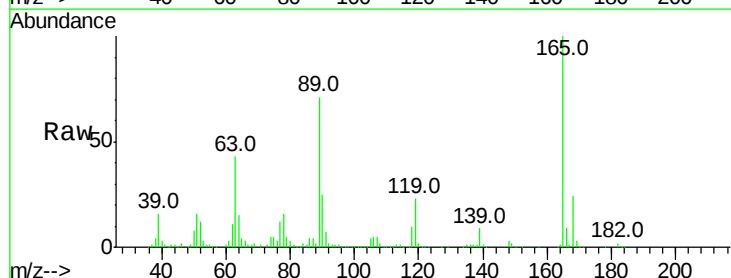
Ion Ratio Lower Upper

165 100

63 43.1 36.4 54.6

89 70.7 57.8 86.6

182 2.1 1.6 2.4

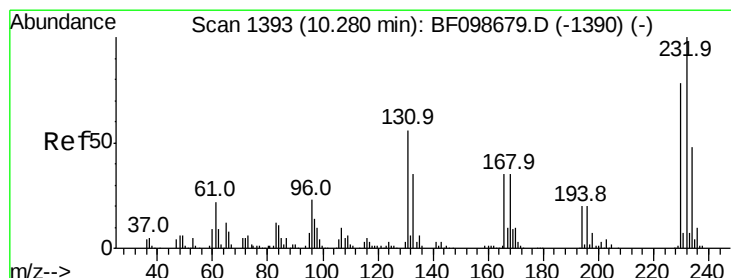
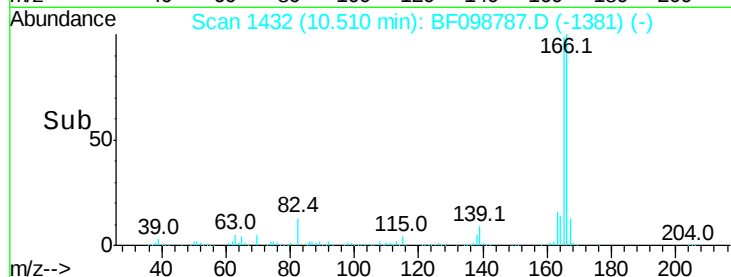
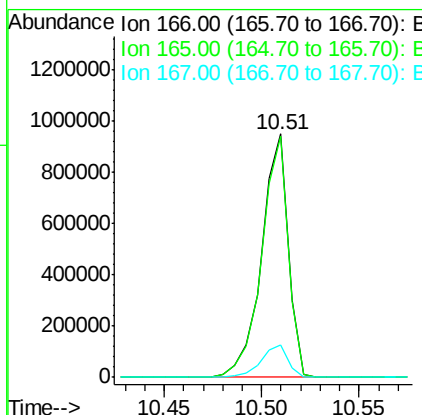
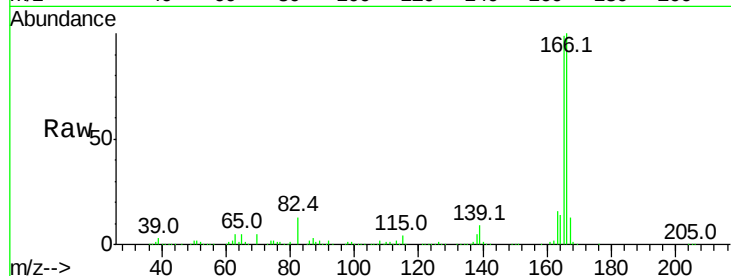




#57
 Fluorene
 Concen: 43.967 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: BF098787.D
 Acq: 25 Sep 2017 17:16

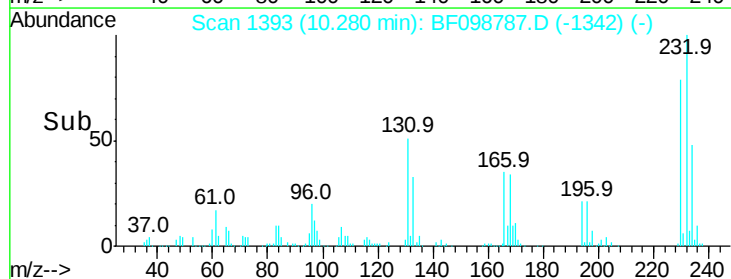
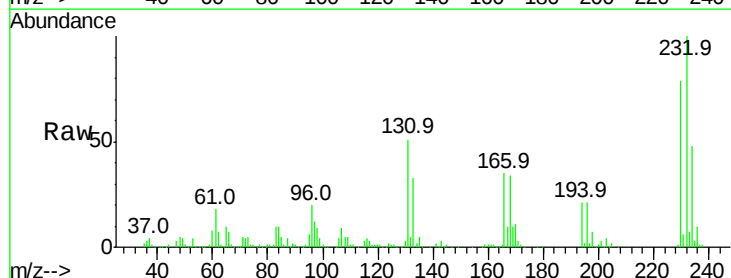
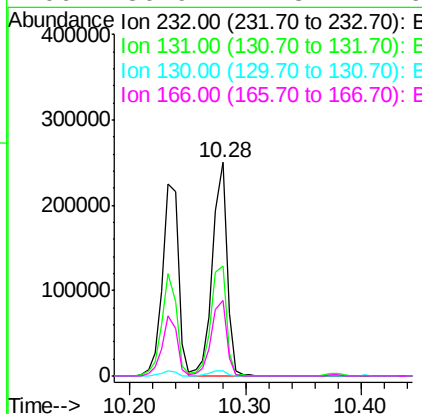
Instrument :
 BNA_F
 ClientSampleId :

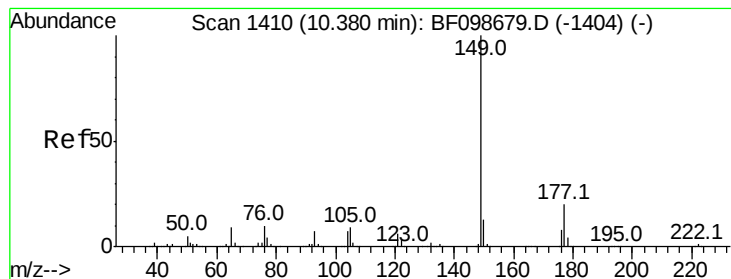
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.0	79.8	119.8
167	13.3	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.791 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.00 min
 Lab File: BF098787.D
 Acq: 25 Sep 2017 17:16

Tgt Ion	Ratio	Lower	Upper
232	100		
131	55.9	43.8	65.8
130	2.9	2.1	3.1
166	36.9	27.8	41.6





#59

Diethylphthalate

Concen: 45.337 ng

RT: 10.37 min Scan# 1409

Delta R.T. -0.01 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

Instrument :

BNA_F

ClientSampled :

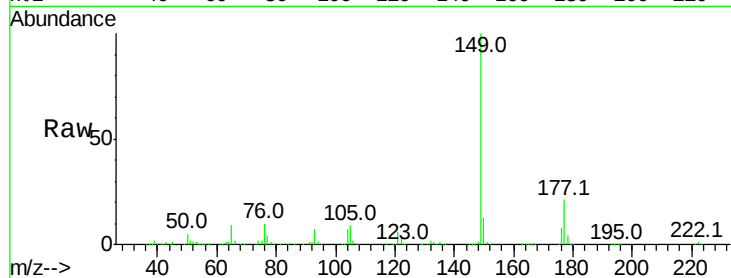
Tot Ion:149 Resp: 1021411

Ion Ratio Lower Upper

149 100

177 20.6 16.1 24.1

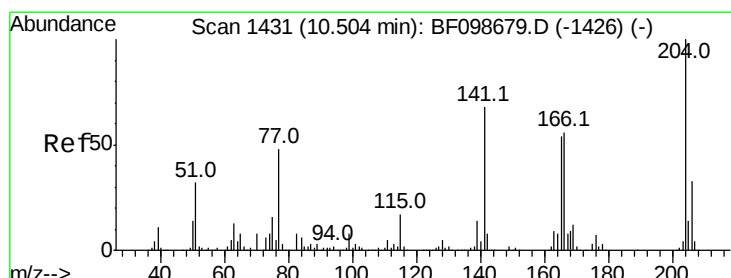
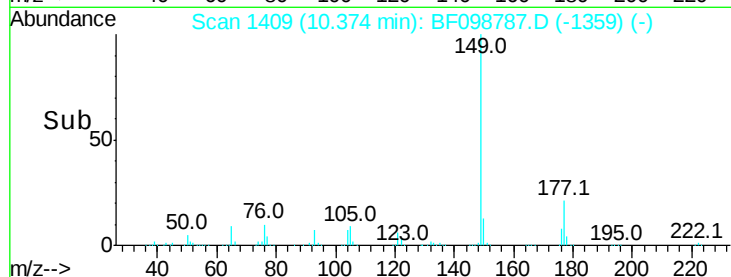
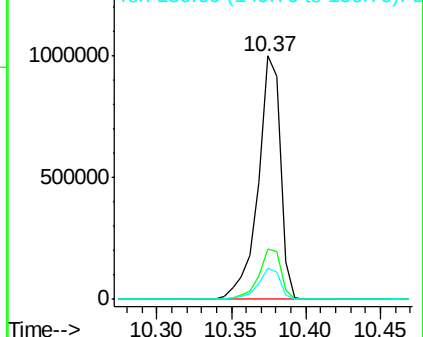
150 12.6 10.1 15.1



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: 44.376 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.00 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

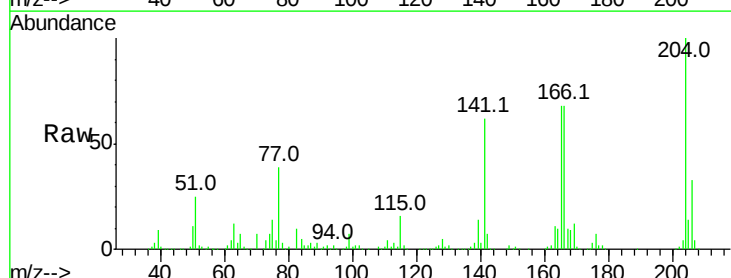
Tgt Ion:204 Resp: 407782

Ion Ratio Lower Upper

204 100

206 32.6 26.5 39.7

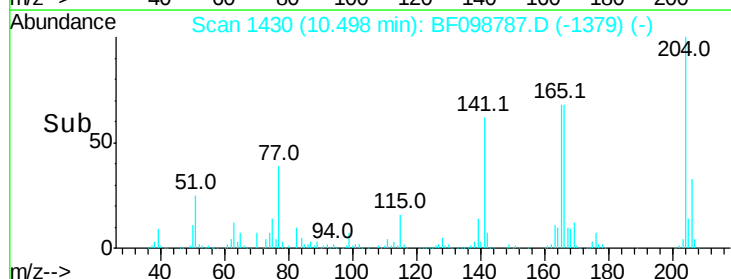
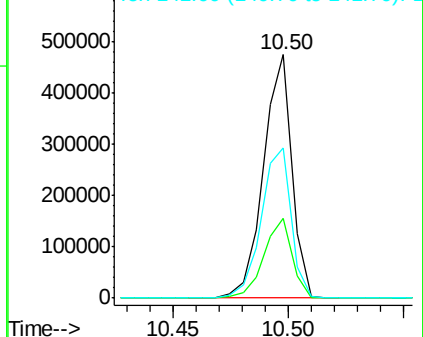
141 61.7 54.6 81.8

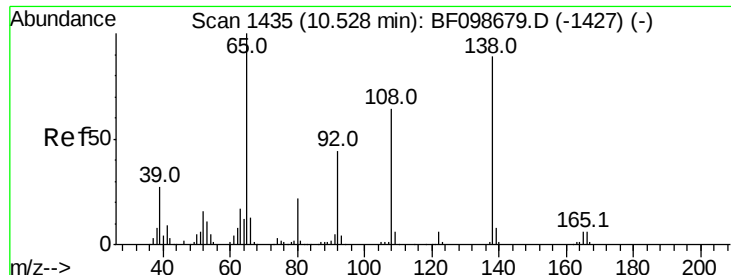


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

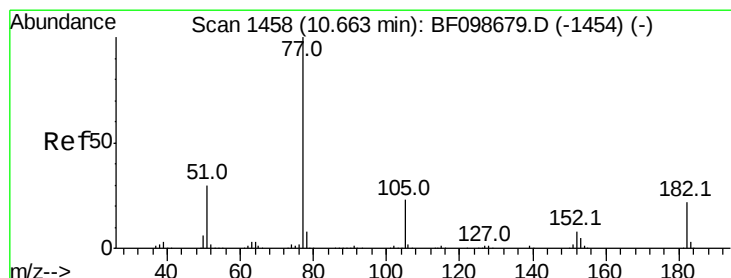
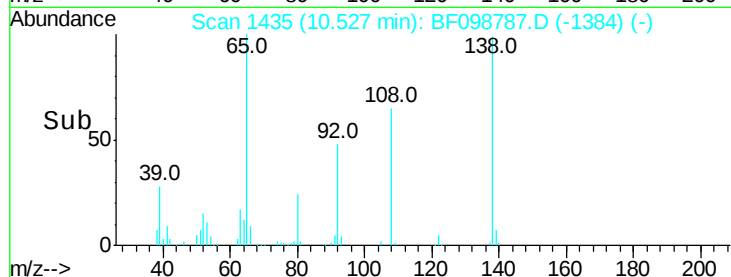
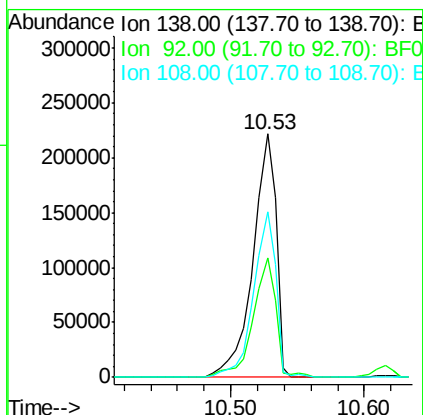
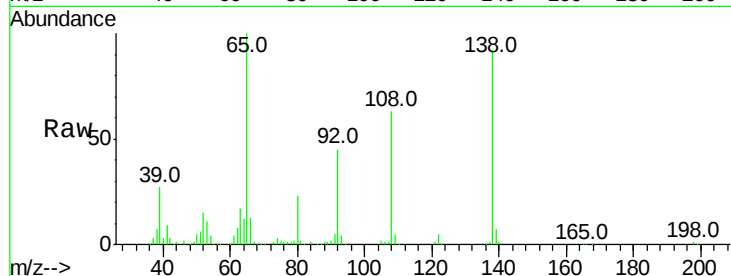




#61
4-Nitroaniline
Concen: 46.736 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BF098787.D
Acq: 25 Sep 2017 17:16

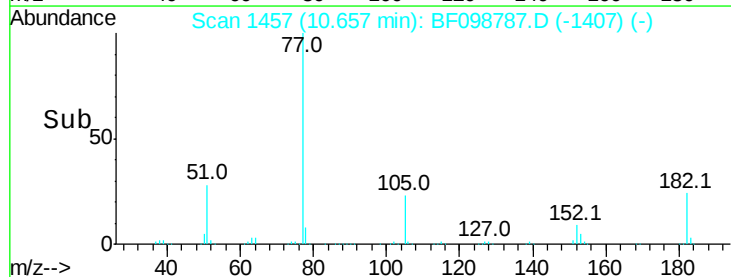
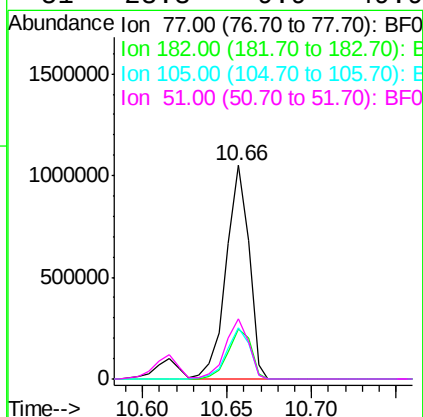
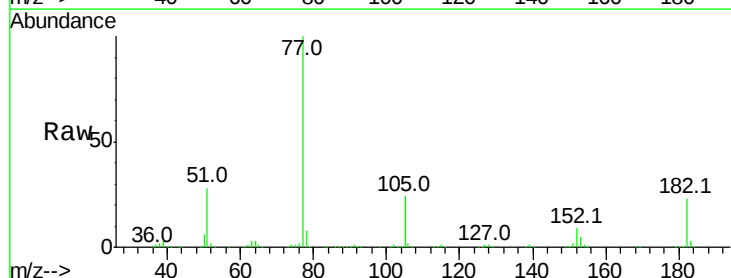
Instrument :
BNA_F
ClientSampled :

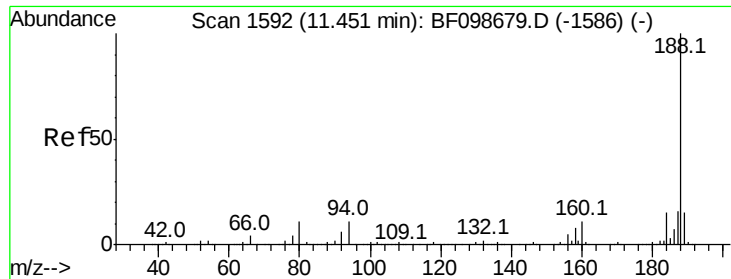
Tot Ion:138 Resp: 263898
Ion Ratio Lower Upper
138 100
92 48.9 30.2 70.2
108 68.2 52.5 92.5



#62
Azobenzene
Concen: 47.538 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.01 min
Lab File: BF098787.D
Acq: 25 Sep 2017 17:16

Tgt Ion: 77 Resp: 984744
Ion Ratio Lower Upper
77 100
182 23.4 1.7 41.7
105 24.2 3.0 43.0
51 28.3 9.9 49.9

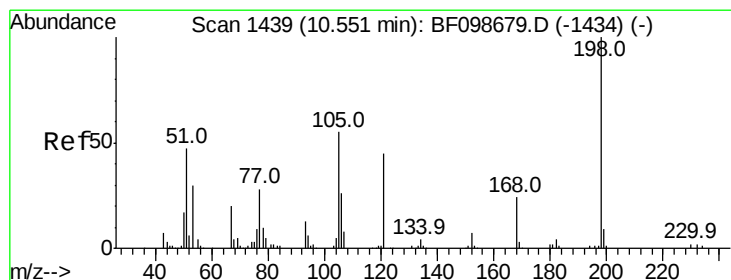
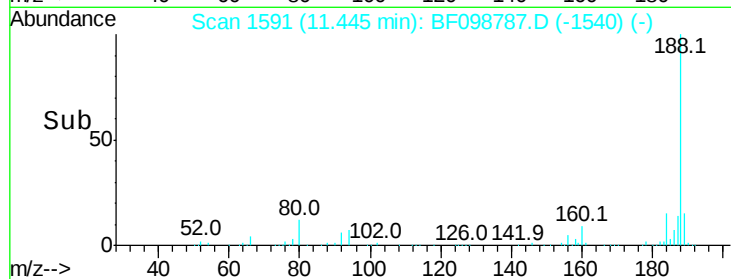
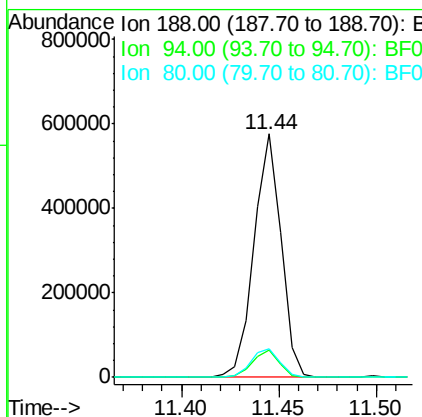
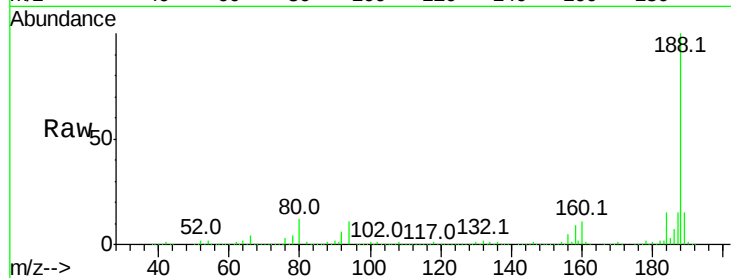




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.44 min Scan# 1591
 Delta R.T. -0.00 min
 Lab File: BF098787.D
 Acq: 25 Sep 2017 17:16

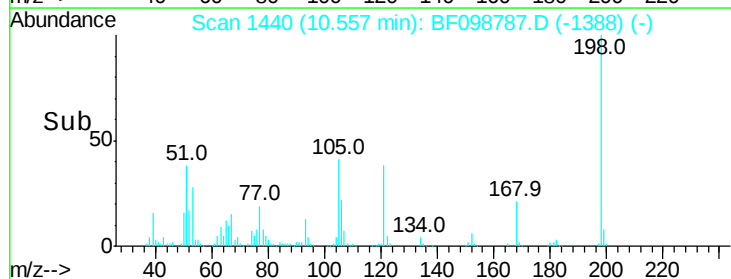
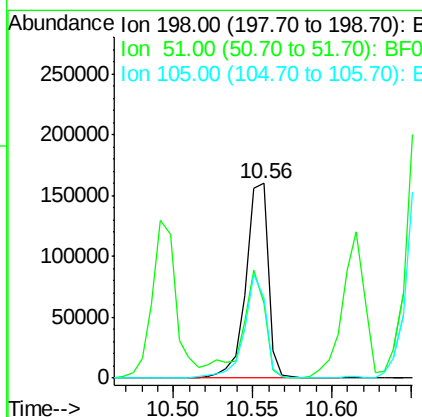
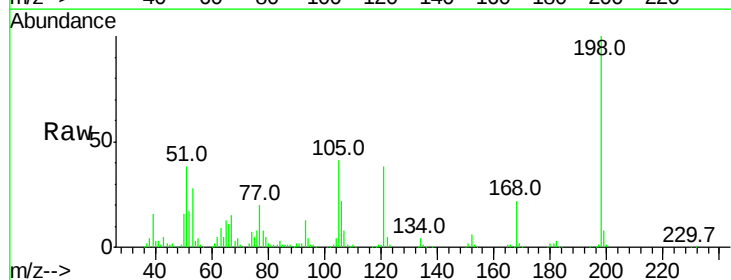
Instrument :
 BNA_F
 ClientSampleId :

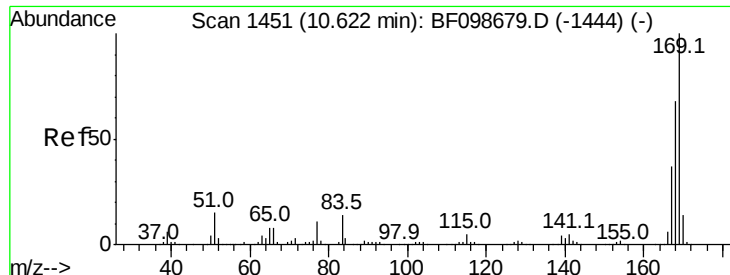
Tot Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.5	12.7
80	11.9	9.2	13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 46.428 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.01 min
 Lab File: BF098787.D
 Acq: 25 Sep 2017 17:16

Tgt Ion	Ratio	Lower	Upper
198	100		
51	38.2	37.7	77.7
105	41.0	36.3	76.3

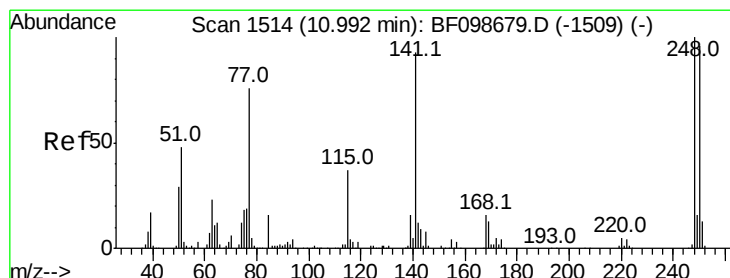
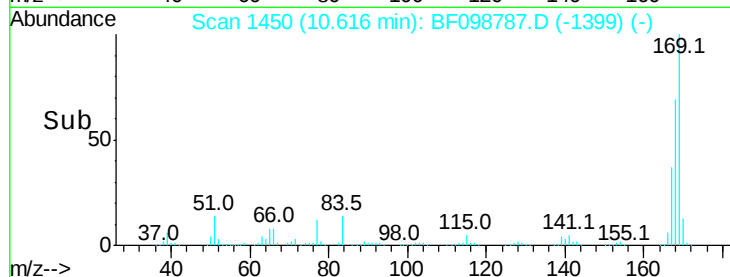
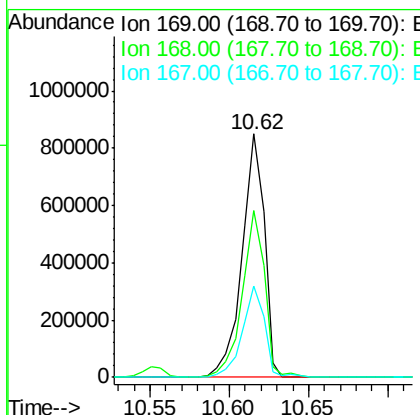
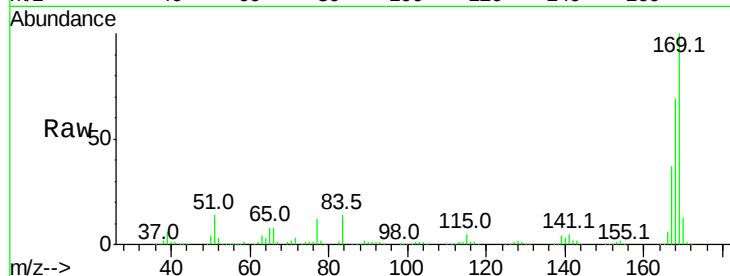




#65
 n-Nitrosodiphenylamine
 Concen: 42.865 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.00 min
 Lab File: BF098787.D
 Acq: 25 Sep 2017 17:16

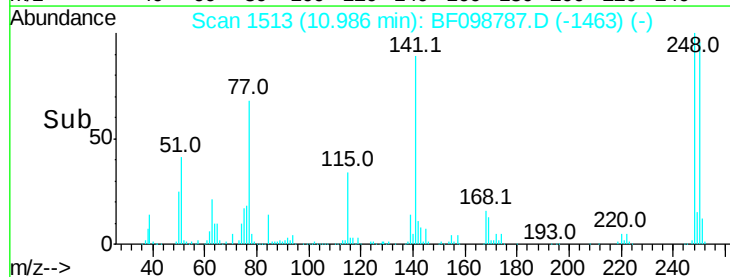
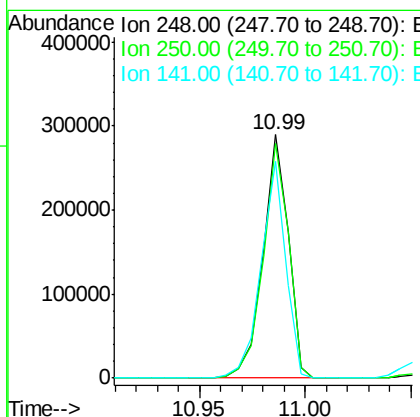
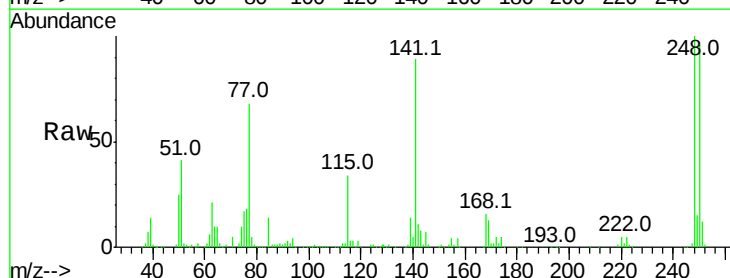
Instrument :
 BNA_F
 ClientSampleId :

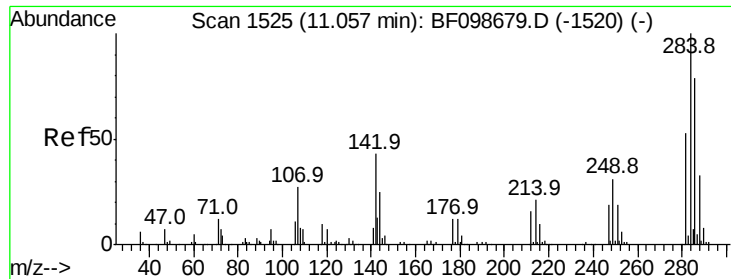
Tot Ion	Ratio	Lower	Upper
169	100		
168	68.7	54.4	81.6
167	37.4	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 44.776 ng
 RT: 10.99 min Scan# 1513
 Delta R.T. -0.01 min
 Lab File: BF098787.D
 Acq: 25 Sep 2017 17:16

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.3	76.9	115.3
141	88.9	74.4	111.6

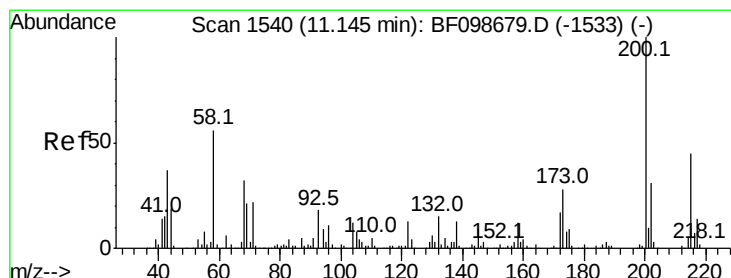
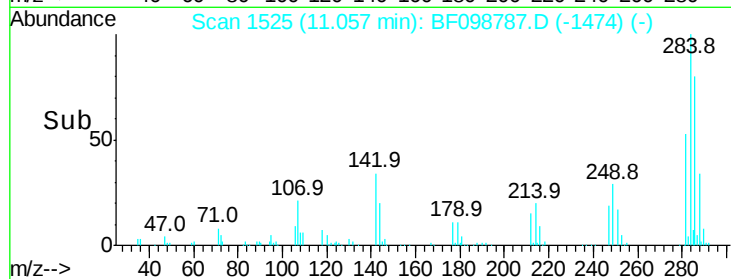
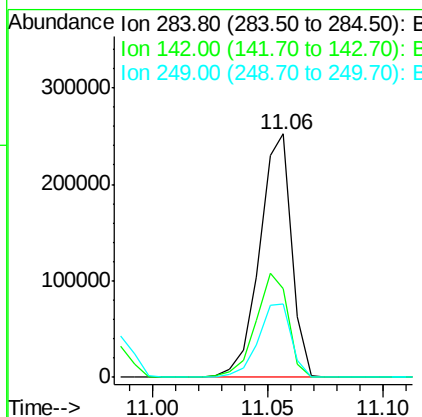
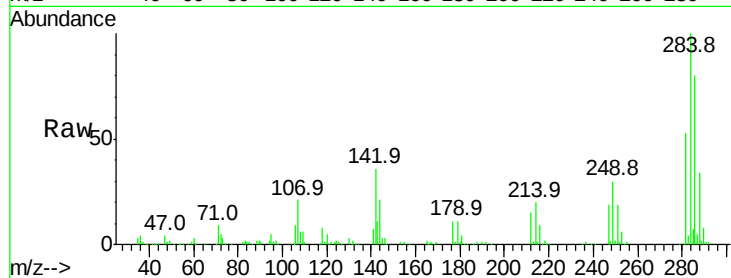




#67
Hexachlorobenzene
Concen: 41.887 ng
RT: 11.06 min Scan# 1525
Delta R.T. -0.00 min
Lab File: BF098787.D
Acq: 25 Sep 2017 17:16

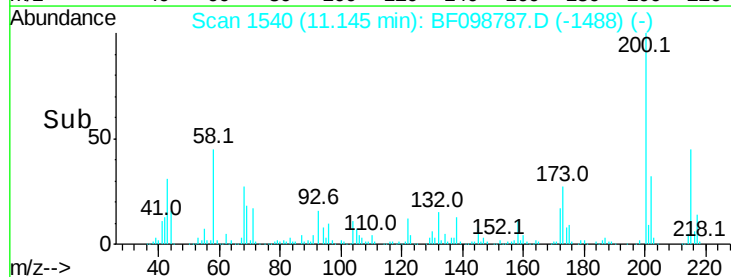
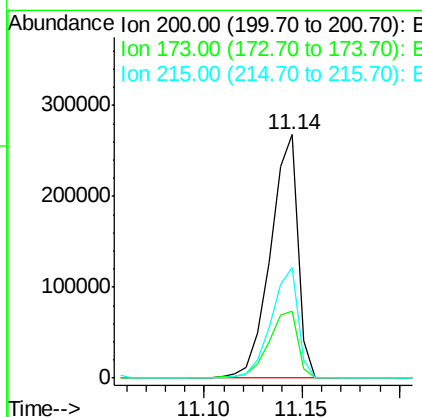
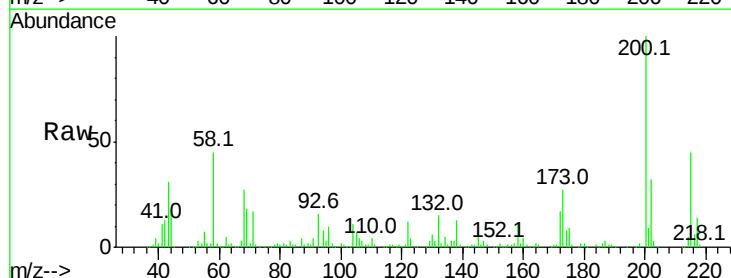
Instrument :
BNA_F
ClientSampleId :

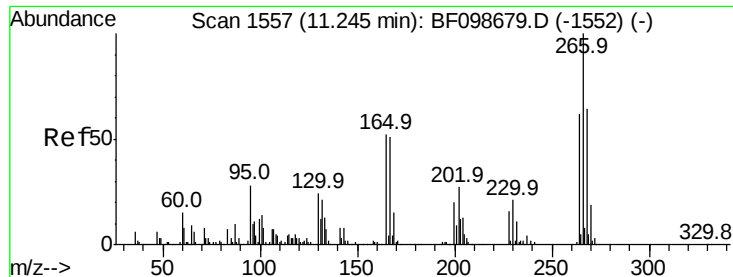
Tot Ion	Ratio	Lower	Upper
284	100		
142	36.4	34.6	52.0
249	30.2	24.8	37.2



#68
Atrazine
Concen: 45.093 ng
RT: 11.14 min Scan# 1540
Delta R.T. 0.01 min
Lab File: BF098787.D
Acq: 25 Sep 2017 17:16

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.5	8.6	48.6
215	45.3	25.1	65.1

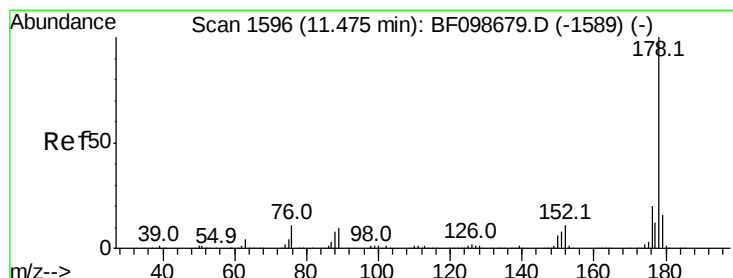
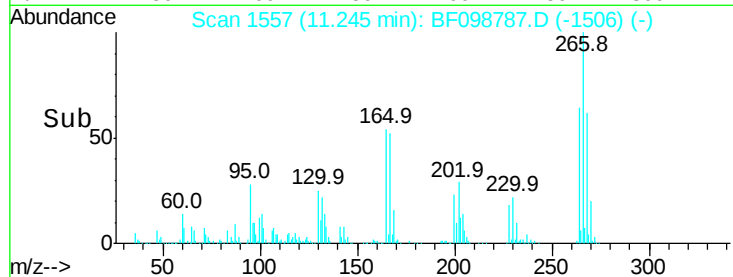
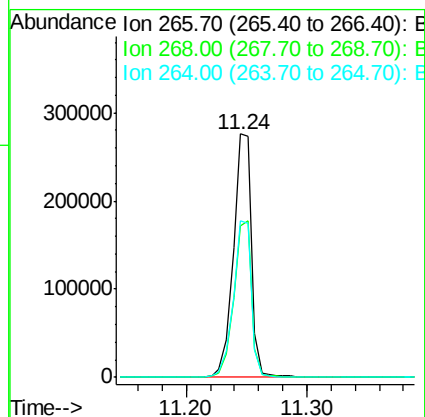
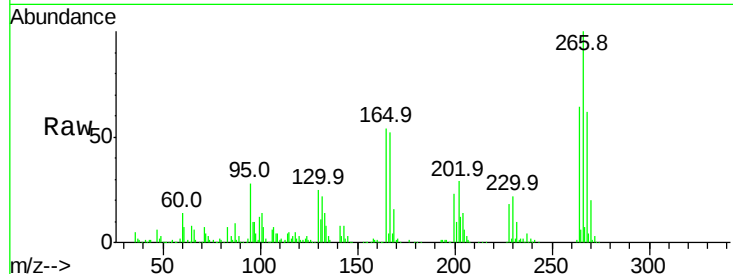




#69
 Pentachlorophenol
 Concen: 80.063 ng
 RT: 11.24 min Scan# 1557
 Delta R.T. -0.00 min
 Lab File: BF098787.D
 Acq: 25 Sep 2017 17:16

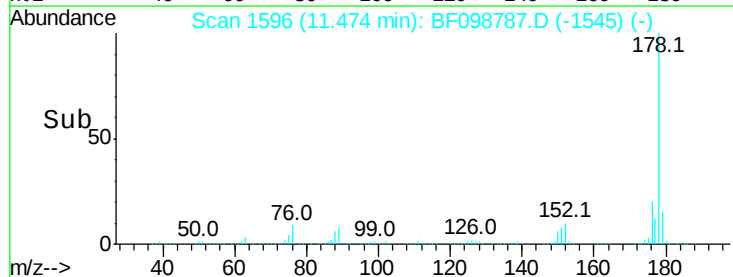
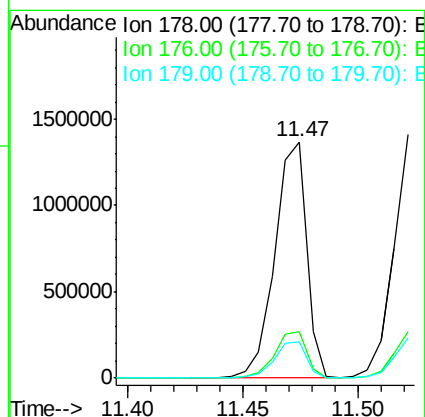
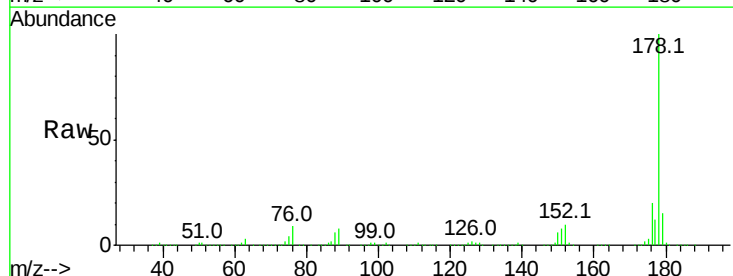
Instrument :
 BNA_F
 ClientSampleId :

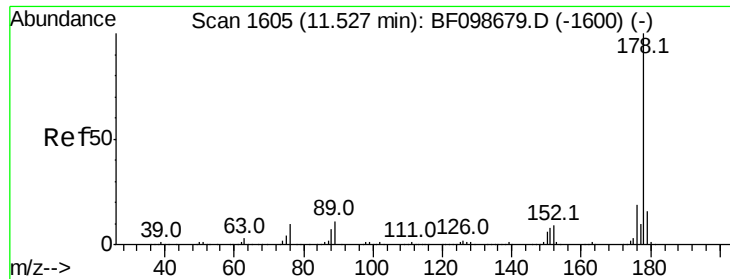
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.0	51.1	76.7
264	64.2	49.5	74.3



#70
 Phenanthrene
 Concen: 44.020 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: BF098787.D
 Acq: 25 Sep 2017 17:16

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.4	13.0	19.6

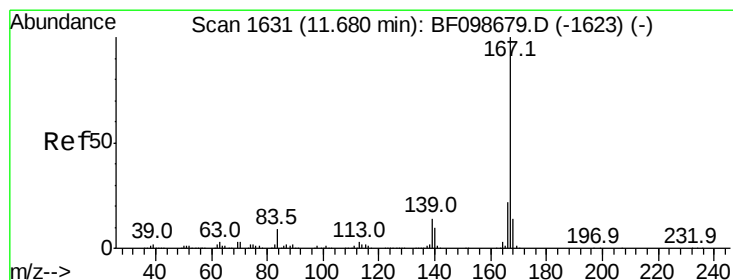
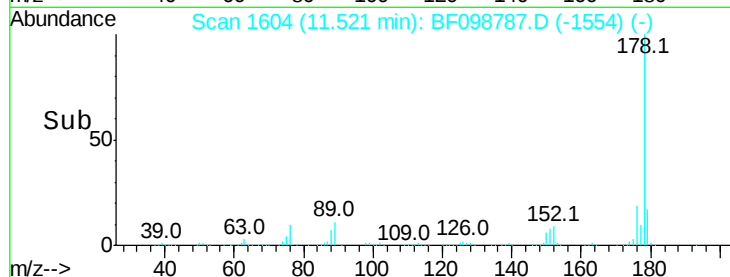
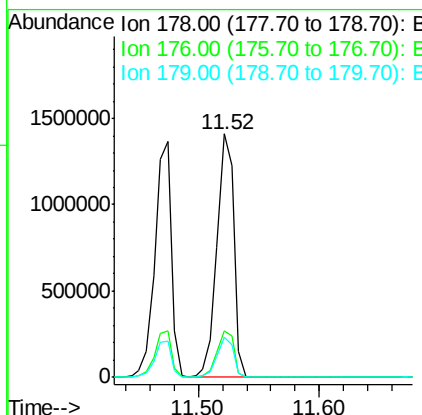
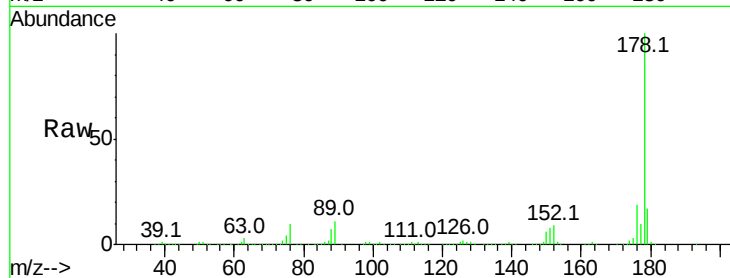




#71
 Anthracene
 Concen: 44.513 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BF098787.D
 Acq: 25 Sep 2017 17:16

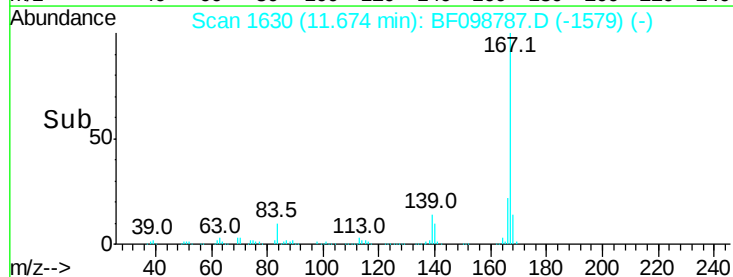
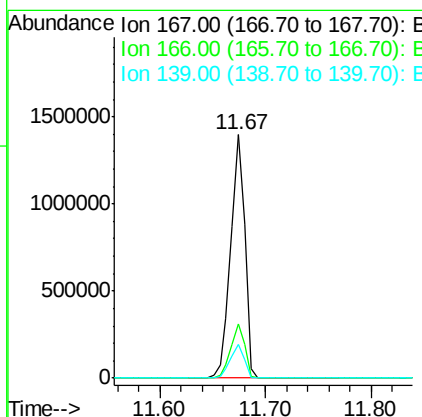
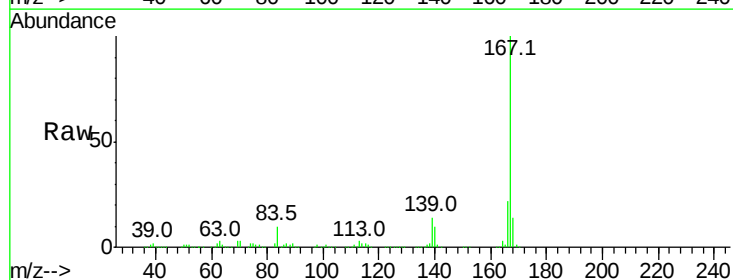
Instrument :
 BNA_F
 ClientSampleId :

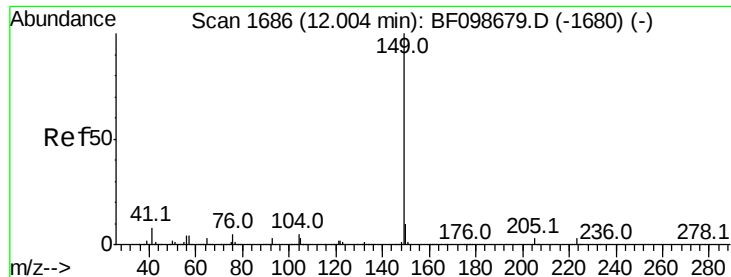
Tot Ion:178 Resp: 1351376
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 16.5 12.6 19.0



#72
 Carbazole
 Concen: 43.500 ng
 RT: 11.67 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: BF098787.D
 Acq: 25 Sep 2017 17:16

Tgt Ion:167 Resp: 1293272
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 13.7 10.9 16.3





#73

Di-n-butylphthalate

Concen: 45.299 ng

RT: 12.00 min Scan# 1685

Delta R.T. -0.01 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

Instrument :

BNA_F

ClientSampled :

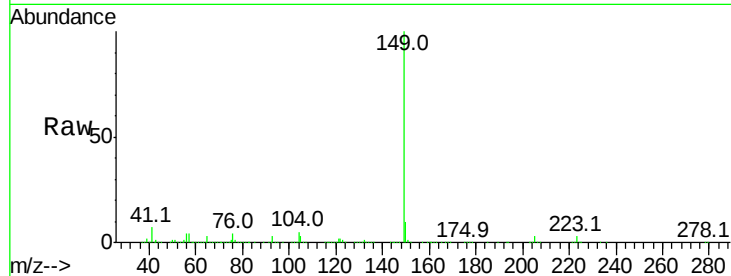
Tot Ion:149 Resp: 1621028

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

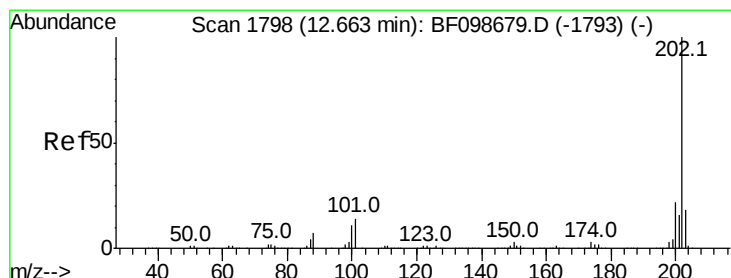
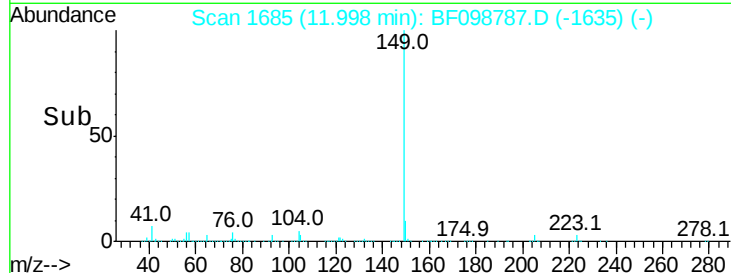
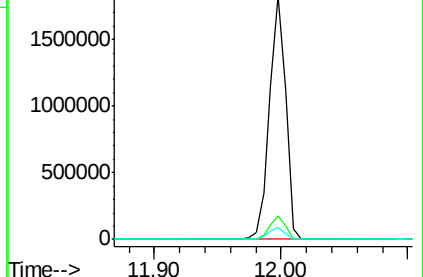
104 4.9 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 45.545 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.00 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

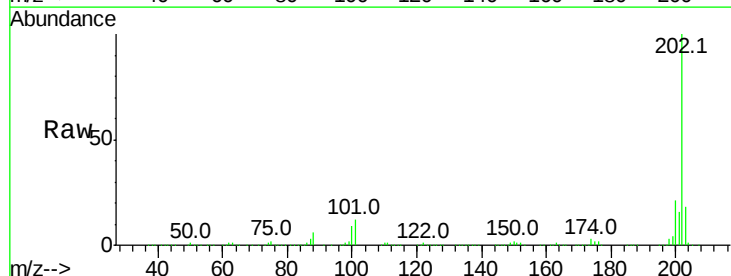
Tgt Ion:202 Resp: 1368412

Ion Ratio Lower Upper

202 100

101 12.4 0.0 34.1

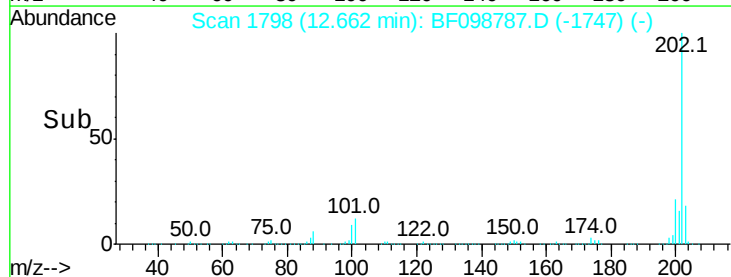
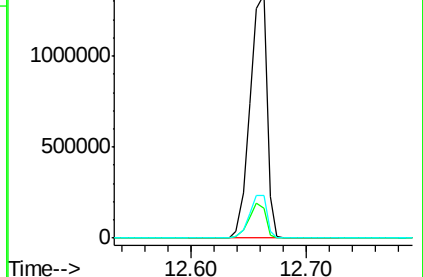
203 17.7 0.0 38.1

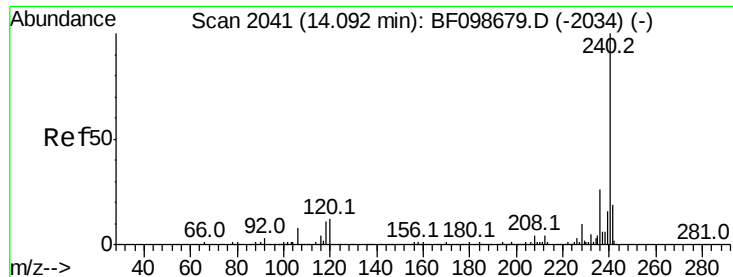


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.00 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

Instrument :

BNA_F

ClientSampleId :

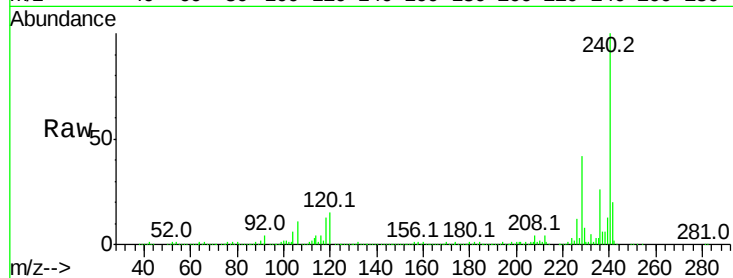
Tot Ion:240 Resp: 425109

Ion Ratio Lower Upper

240 100

120 14.9 9.5 14.3#

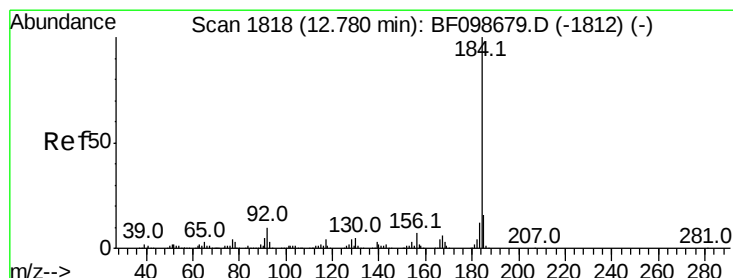
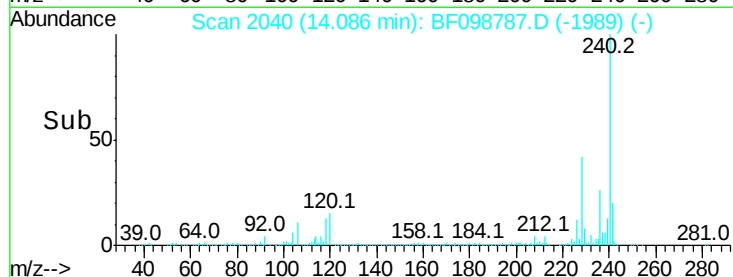
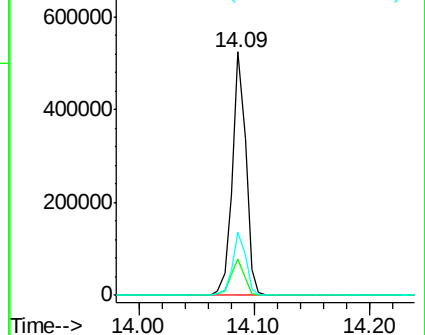
236 25.7 20.7 31.1



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: 37.972 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

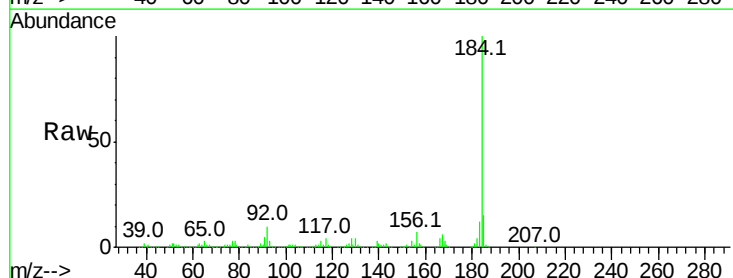
Tgt Ion:184 Resp: 597049

Ion Ratio Lower Upper

184 100

185 14.5 12.6 18.8

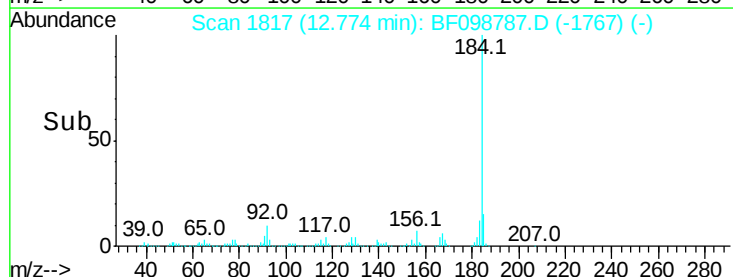
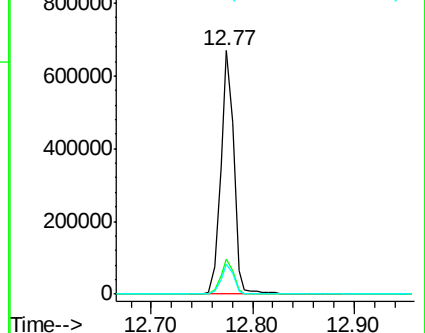
183 12.1 9.3 13.9

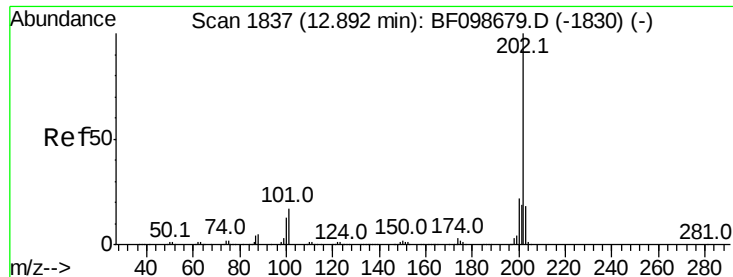


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 43.208 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.00 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

Instrument :

BNA_F

ClientSampleId :

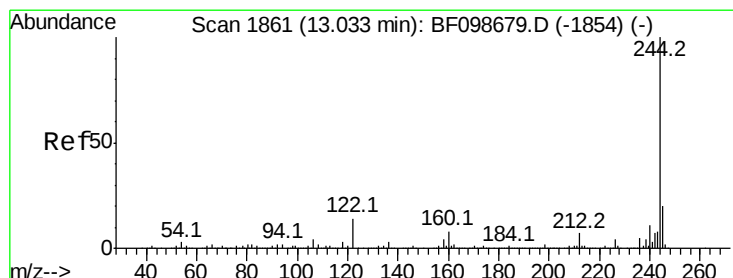
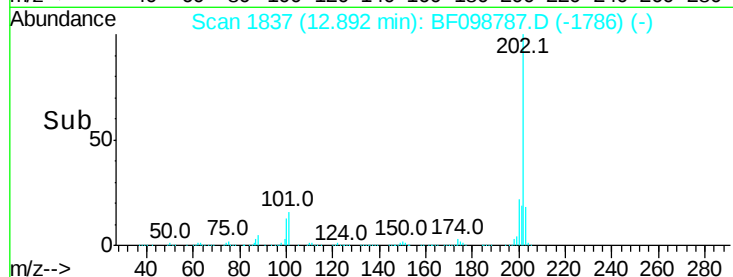
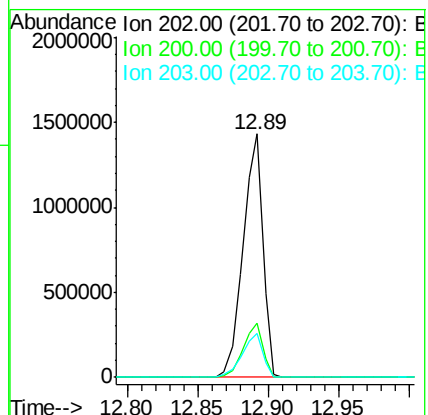
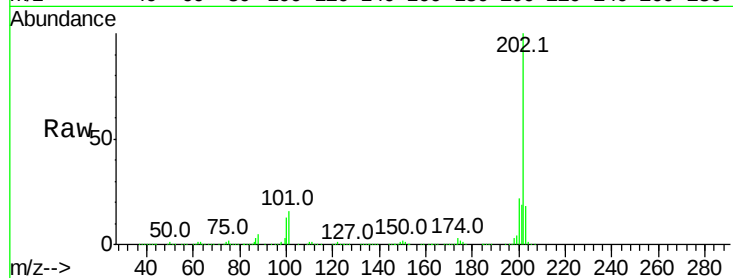
Tot Ion:202 Resp: 1400653

Ion Ratio Lower Upper

202 100

200 22.0 17.4 26.2

203 18.0 14.3 21.5



#78

Terphenyl-d14

Concen: 84.504 ng

RT: 13.03 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

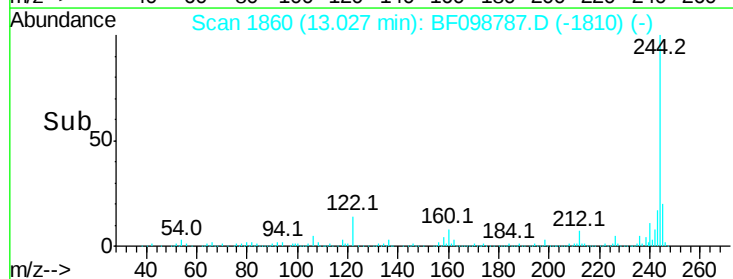
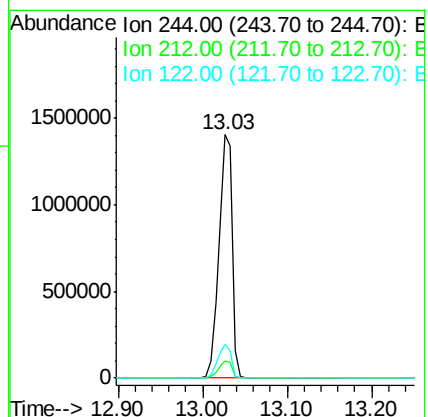
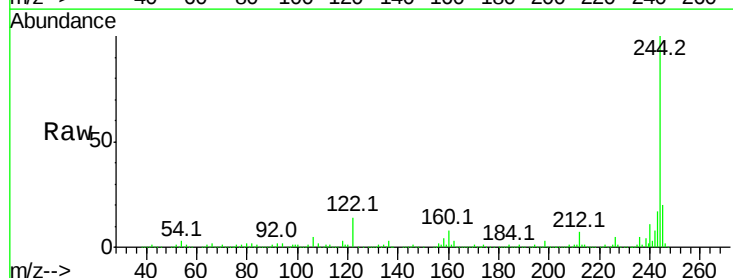
Tgt Ion:244 Resp: 1579614

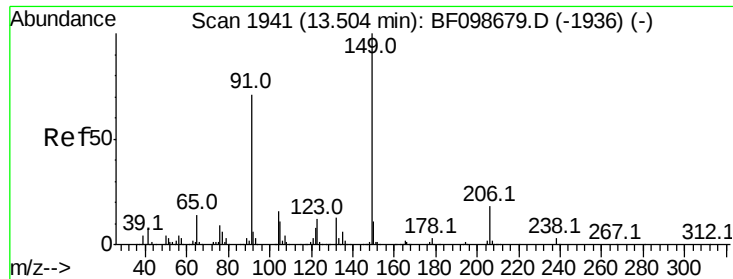
Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

122 13.7 11.0 16.4

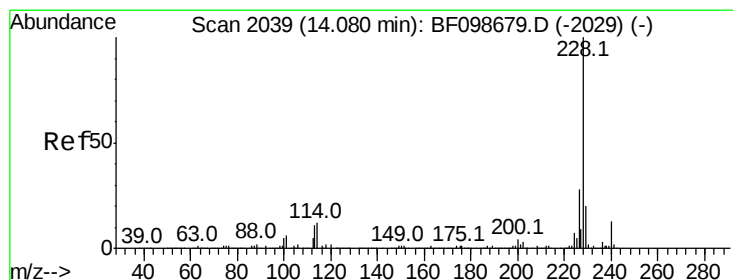
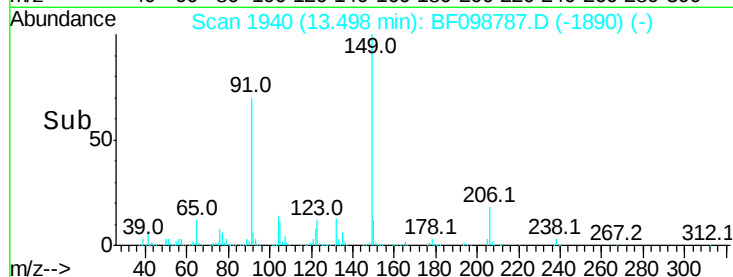
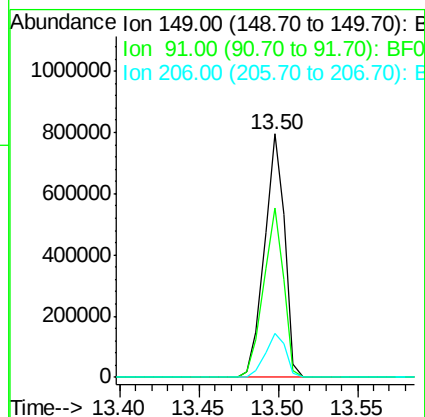
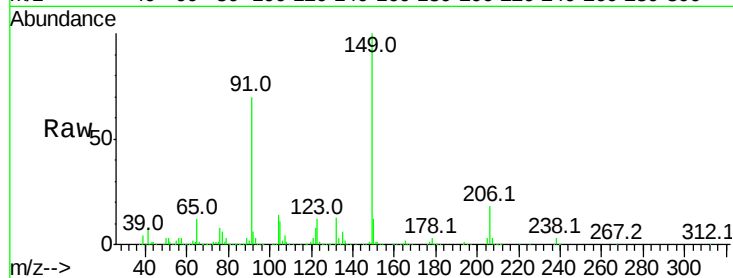




#79
Butylbenzylphthalate
Concen: 46.787 ng
RT: 13.50 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BF098787.D
Acq: 25 Sep 2017 17:16

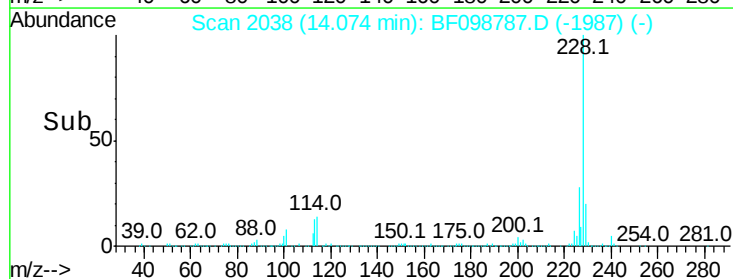
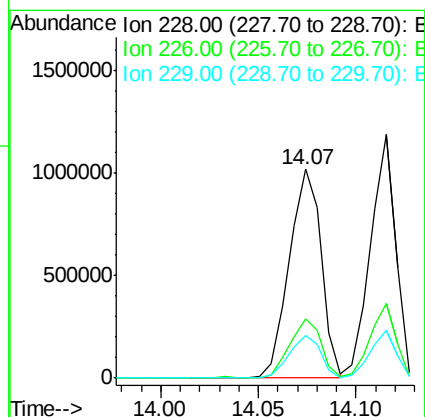
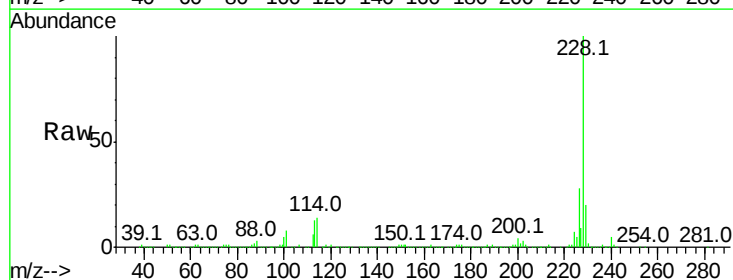
Instrument :
BNA_F
ClientSampled :

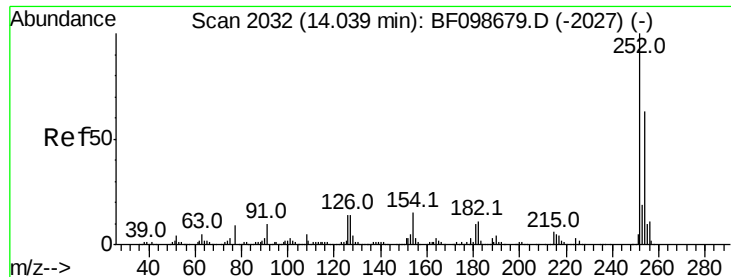
Tot Ion:149 Resp: 712796
Ion Ratio Lower Upper
149 100
91 69.8 56.8 85.2
206 17.9 14.1 21.1



#80
Benzo(a)anthracene
Concen: 44.871 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BF098787.D
Acq: 25 Sep 2017 17:16

Tgt Ion:228 Resp: 1155048
Ion Ratio Lower Upper
228 100
226 28.4 22.6 33.8
229 20.5 15.8 23.6

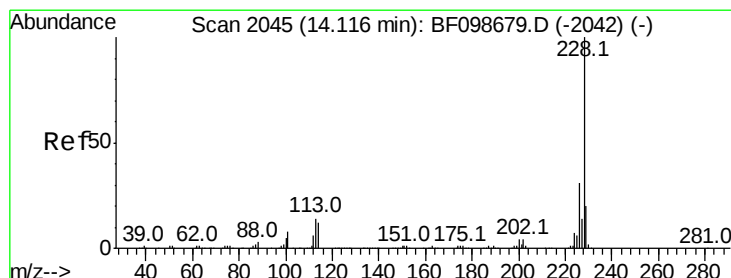
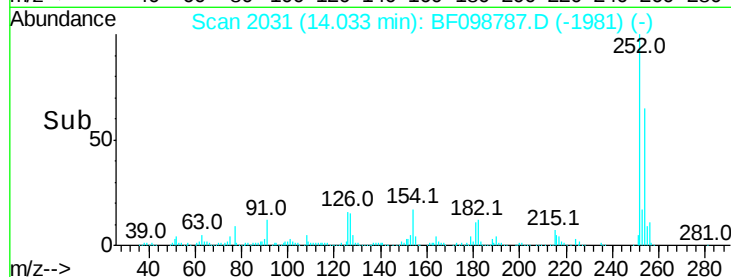
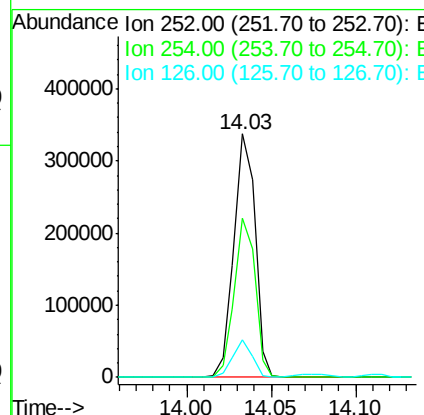




#81
 3,3'-Dichlorobenzidine
 Concen: 31.436 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF098787.D
 Acq: 25 Sep 2017 17:16

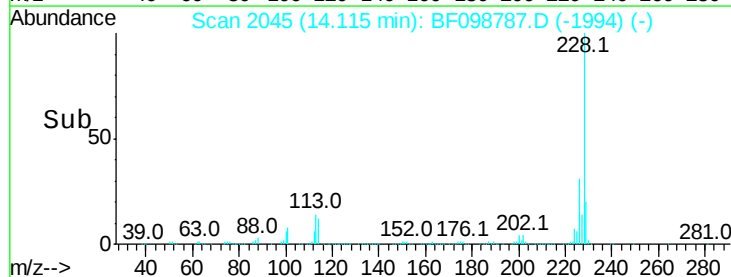
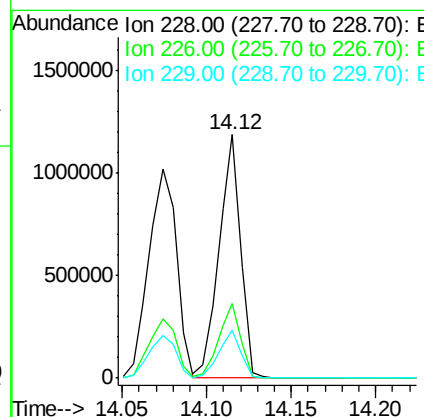
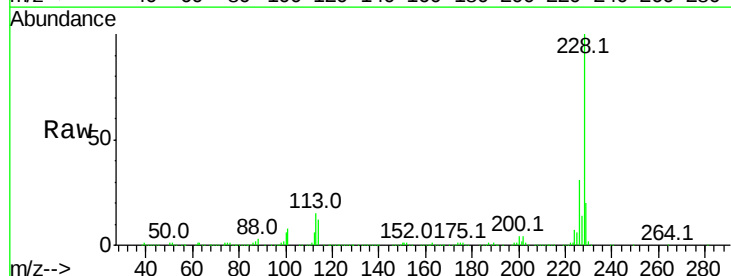
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.4	50.4	75.6
126	15.7	11.3	16.9



#82
 Chrysene
 Concen: 43.534 ng
 RT: 14.12 min Scan# 2045
 Delta R.T. -0.00 min
 Lab File: BF098787.D
 Acq: 25 Sep 2017 17:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	19.9	16.2	24.4

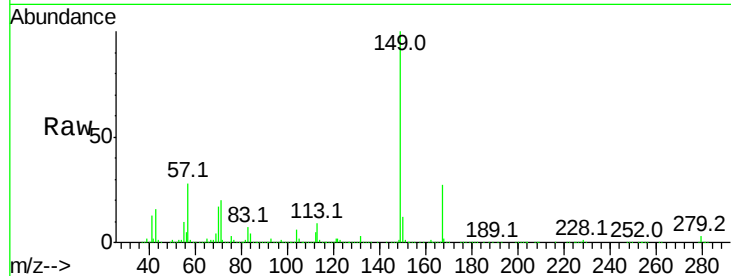




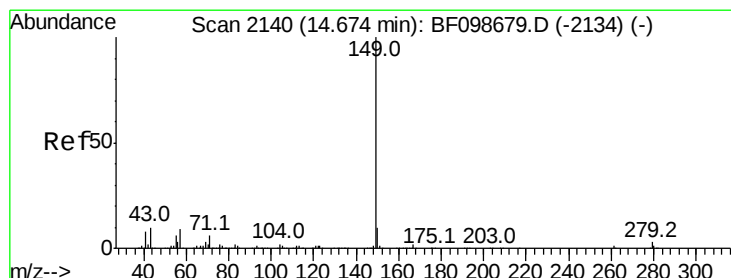
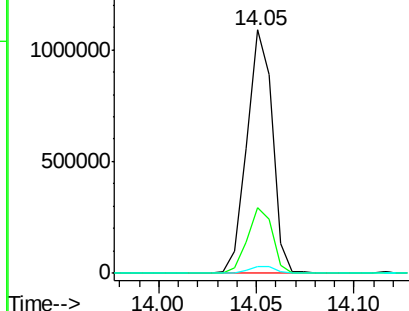
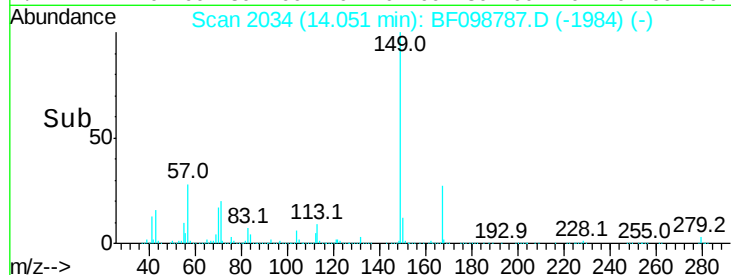
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.951 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF098787.D
 Acq: 25 Sep 2017 17:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	149	Resp	984918
Ion Ratio	100	Lower	Upper
167	26.8	21.3	31.9
279	2.8	3.0	4.4#

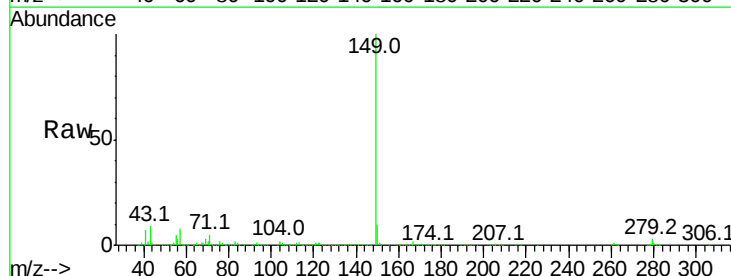


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

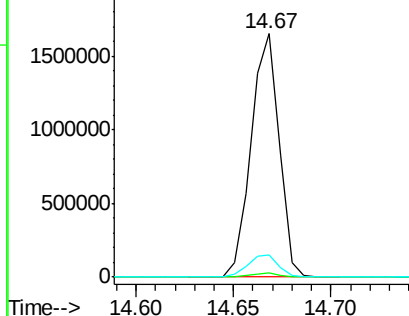
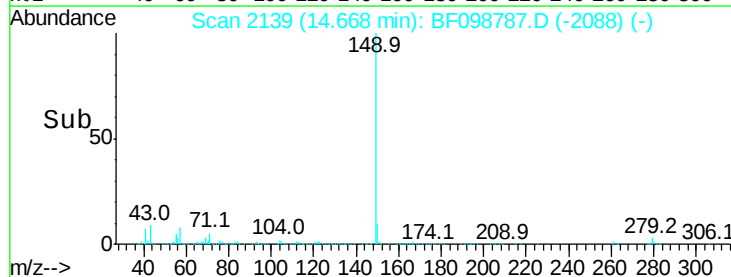


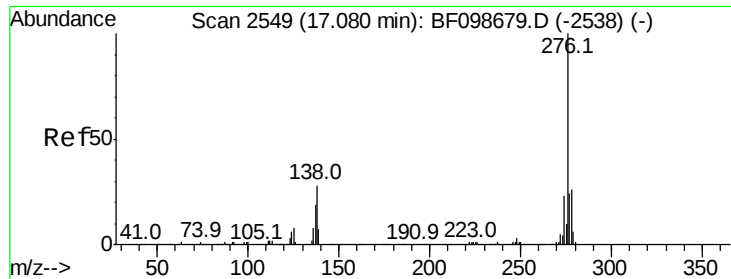
#84
 Di-n-octyl phthalate
 Concen: 48.528 ng
 RT: 14.67 min Scan# 2139
 Delta R.T. -0.00 min
 Lab File: BF098787.D
 Acq: 25 Sep 2017 17:16

Tgt Ion	149	Resp	1639206
Ion Ratio	100	Lower	Upper
167	1.5	1.2	1.8
43	9.5	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): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 38.878 ng

RT: 17.09 min Scan# 2550

Delta R.T. -0.00 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

Instrument :

BNA_F

ClientSampleId :

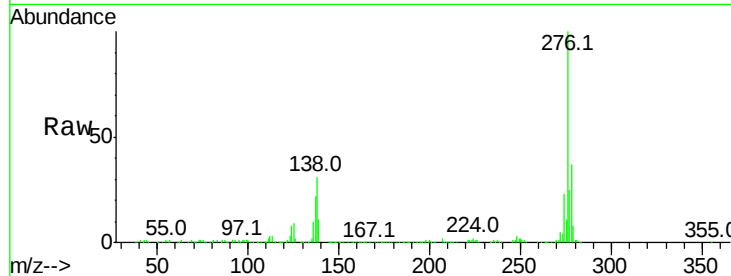
Tot Ion:276 Resp: 762166

Ion Ratio Lower Upper

276 100

138 35.2 25.0 37.6

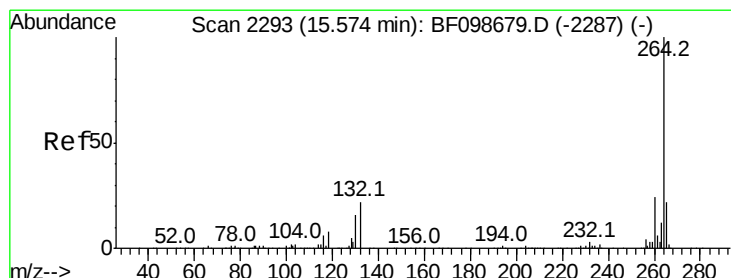
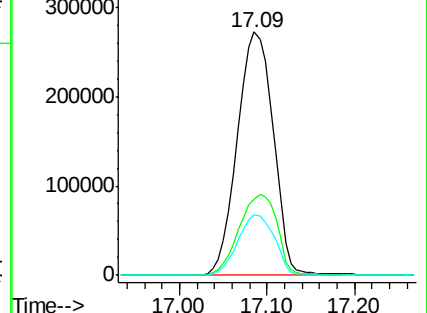
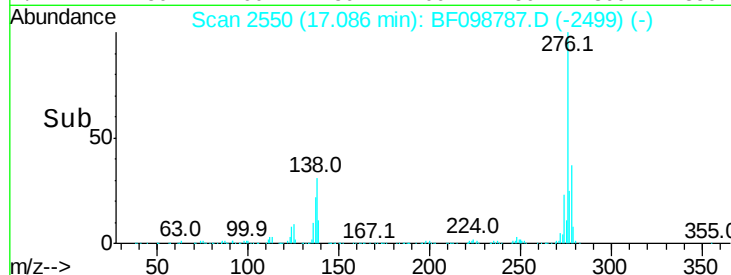
277 25.5 20.1 30.1



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: 15.57 min Scan# 2293

Delta R.T. -0.00 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

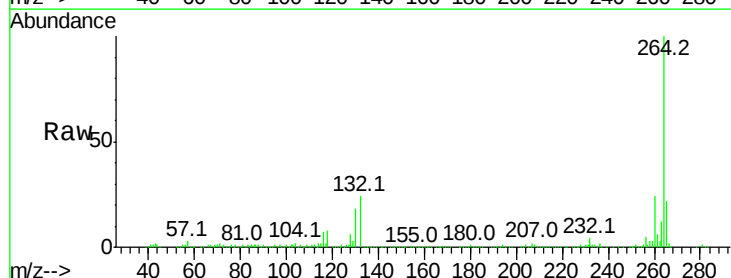
Tgt Ion:264 Resp: 340922

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

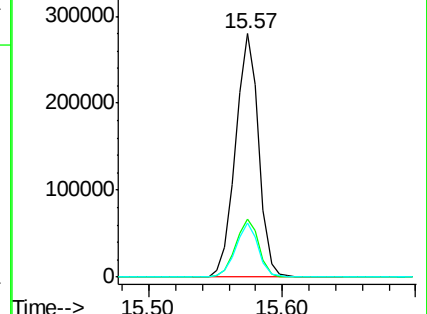
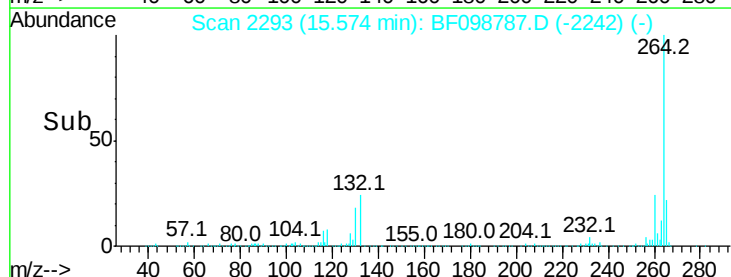
265 22.0 17.5 26.3

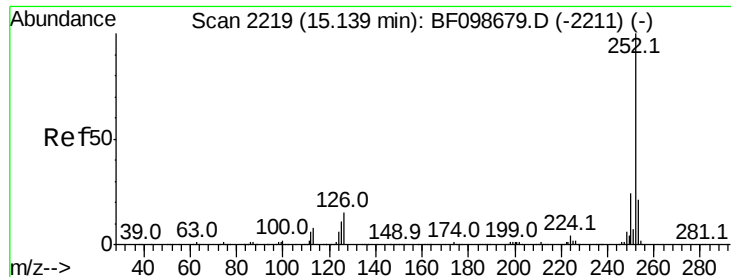


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

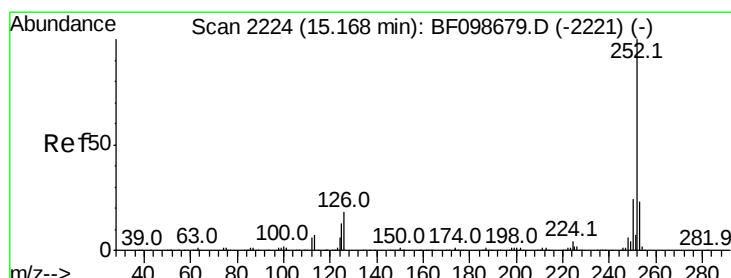
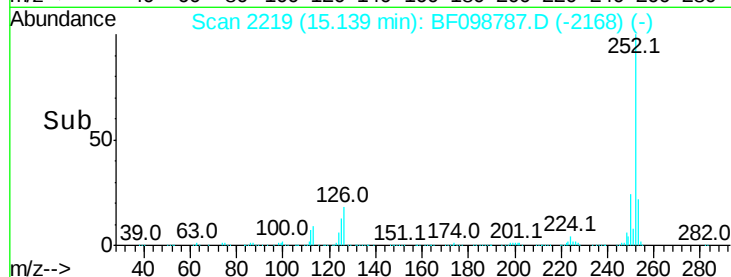
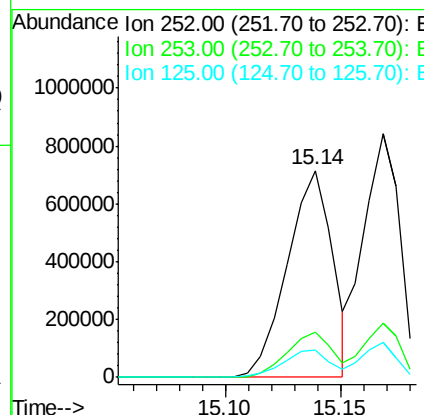
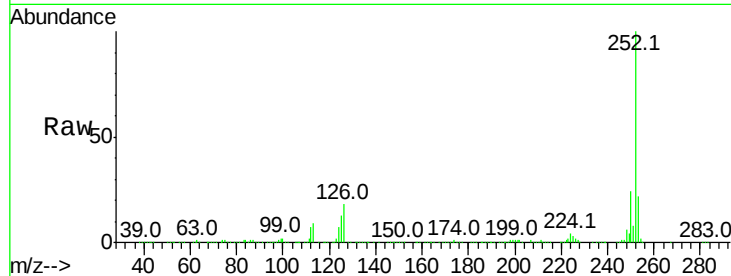




#87
Benzo(b)fluoranthene
Concen: 46.286 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.00 min
Lab File: BF098787.D
Acq: 25 Sep 2017 17:16

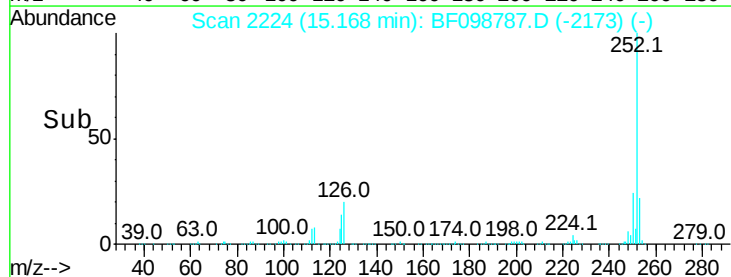
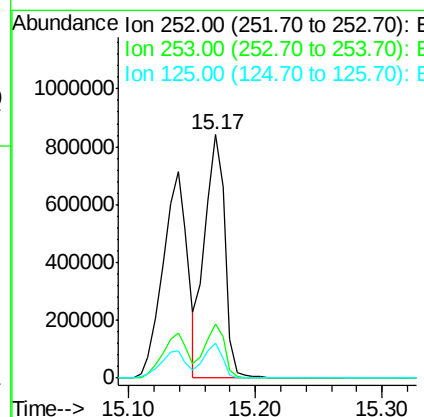
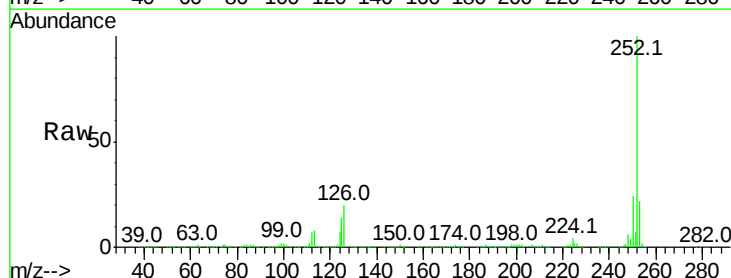
Instrument :
BNA_F
ClientSampled :

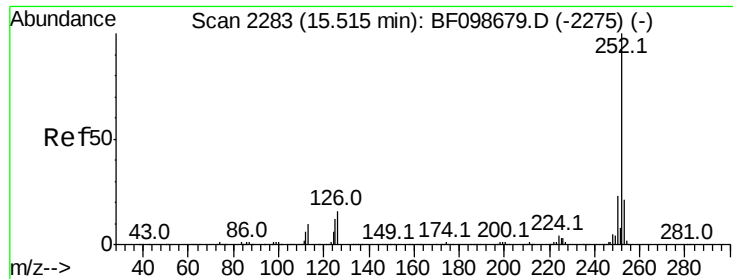
Tot Ion:252 Resp: 970222
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 13.2 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 44.624 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.00 min
Lab File: BF098787.D
Acq: 25 Sep 2017 17:16

Tgt Ion:252 Resp: 923866
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 14.4 10.2 15.2





#89

Benzo(a)pyrene

Concen: 45.034 ng

RT: 15.52 min Scan# 2283

Delta R.T. -0.00 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

Instrument :

BNA_F

ClientSampled :

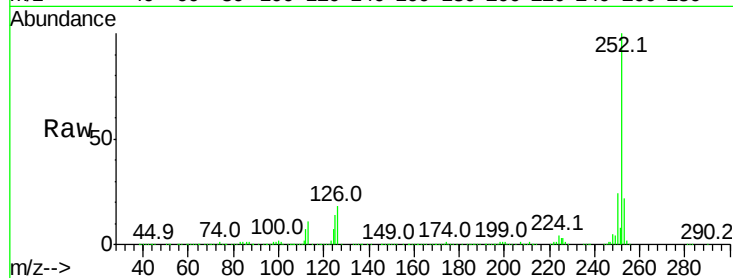
Tot Ion:252 Resp: 866504

Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

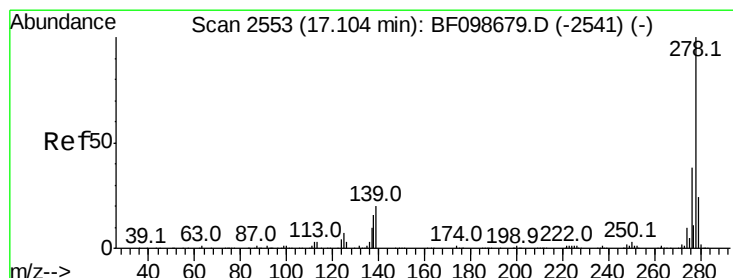
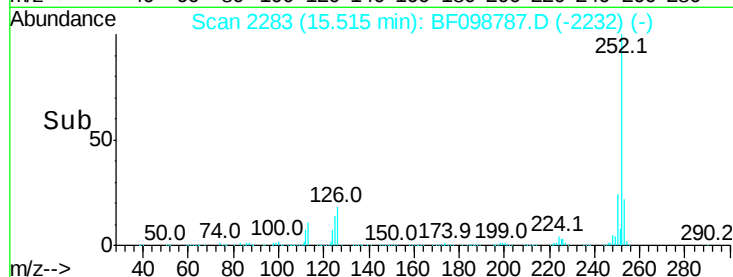
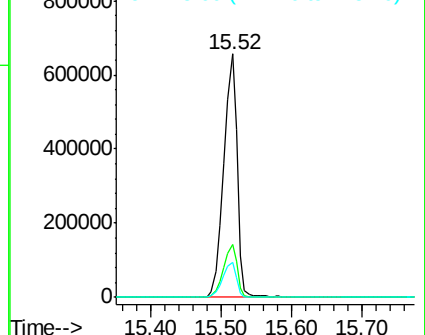
125 14.2 9.8 14.6



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: 41.862 ng

RT: 17.11 min Scan# 2554

Delta R.T. 0.01 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

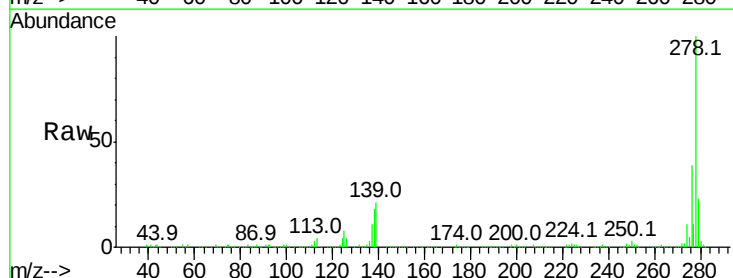
Tgt Ion:278 Resp: 644616

Ion Ratio Lower Upper

278 100

139 21.1 15.9 23.9

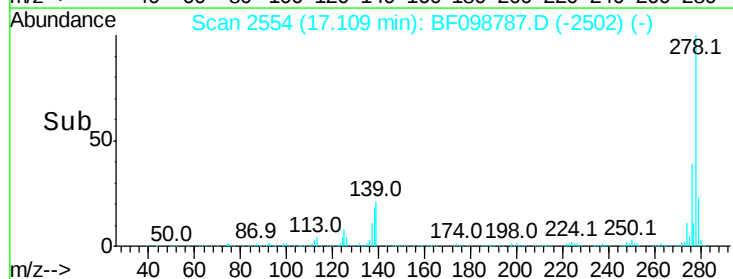
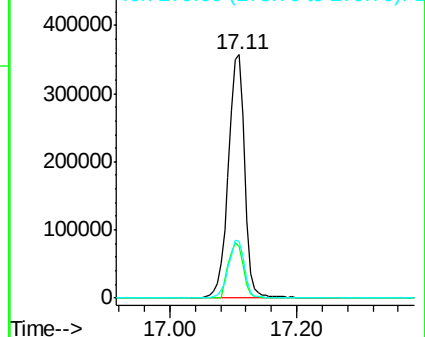
279 23.4 19.0 28.4

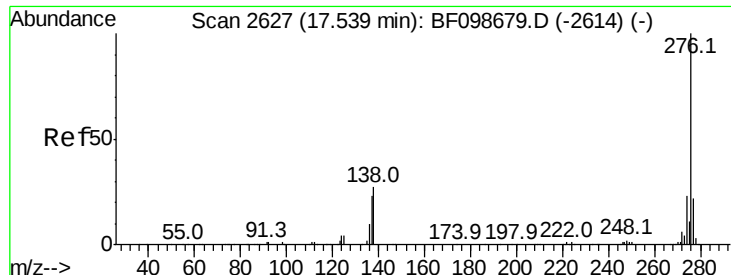


Abundance Ion 278.00 (277.70 to 278.70): E

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: 41.707 ng

RT: 17.55 min Scan# 2629

Delta R.T. 0.01 min

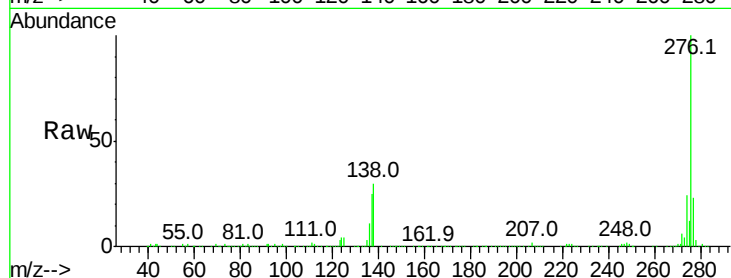
Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

Instrument :

BNA_F

ClientSampleId :



Tot Ion:276 Resp: 634830

Ion Ratio Lower Upper

276 100

277 23.4 17.9 26.9

138 30.1 21.8 32.8

