

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
 Data File : BF109213.D
 Acq On : 22 Sep 2018 11:28
 Operator : JU/SJ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 22 11:58:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 11:08:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	103760	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	412744	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	196848	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	386740	20.00	ng	0.00
75) Chrysene-d12	13.84	240	269336	20.00	ng	0.00
86) Perylene-d12	15.24	264	261901	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	728090	116.55	ng	0.00
7) Phenol-d6	6.35	99	918996	114.08	ng	0.00
23) Nitrobenzene-d5	7.27	82	850220	115.54	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	229610	107.48	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1440075	114.62	ng	0.00
78) Terphenyl-d14	12.80	244	1287609	113.31	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.36	88	172670	58.06	ng	94
3) Pyridine	3.06	79	458043	58.10	ng	92
4) n-Nitrosodimethylamine	3.01	42	197194	66.23	ng	# 98
6) Aniline	6.37	93	586936	56.37	ng	97
8) 2-Chlorophenol	6.50	128	399884	57.20	ng	96
9) Benzaldehyde	6.25	77	267029	51.90	ng	97
10) Phenol	6.37	94	520049	57.37	ng	# 65
11) bis(2-Chloroethyl)ether	6.45	93	409423	57.42	ng	98
12) 1,3-Dichlorobenzene	6.65	146	459200	57.43	ng	98
13) 1,4-Dichlorobenzene	6.73	146	461922	57.59	ng	98
14) 1,2-Dichlorobenzene	6.88	146	420068	56.49	ng	99
15) Benzyl Alcohol	6.86	79	358713	58.66	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.99	45	580832	56.85	ng	95
17) 2-Methylphenol	6.97	107	328308	57.56	ng	96
18) Hexachloroethane	7.22	117	167995	57.67	ng	96
19) n-Nitroso-di-n-propylamine	7.14	70	305991	57.47	ng	99
20) 3+4-Methylphenols	7.13	107	381616	55.55	ng	# 63
22) Acetophenone	7.12	105	526390	56.16	ng	# 90
24) Nitrobenzene	7.30	77	445000	58.65	ng	99
25) Isophorone	7.54	82	739448	58.46	ng	97
26) 2-Nitrophenol	7.61	139	194238	54.83	ng	99
27) 2,4-Dimethylphenol	7.65	122	319760	57.54	ng	98
28) bis(2-Chloroethoxy)methane	7.75	93	478416	56.20	ng	99
29) 2,4-Dichlorophenol	7.85	162	338657	57.19	ng	99
30) 1,2,4-Trichlorobenzene	7.93	180	364524	56.94	ng	99
31) Naphthalene	8.02	128	1074293	56.08	ng	100
32) Benzoic acid	7.80	122	235835	64.95	ng	95
33) 4-Chloroaniline	8.06	127	475800	55.86	ng	98
34) Hexachlorobutadiene	8.14	225	220867	56.52	ng	99
35) Caprolactam	8.45	113	97152	50.32	ng	88
36) 4-Chloro-3-methylphenol	8.55	107	353698	56.74	ng	100
37) 2-Methylnaphthalene	8.70	142	689272	55.20	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	343212	55.40	ng	98
40) Hexachlorocyclopentadiene	8.86	237	172421	55.24	ng	99

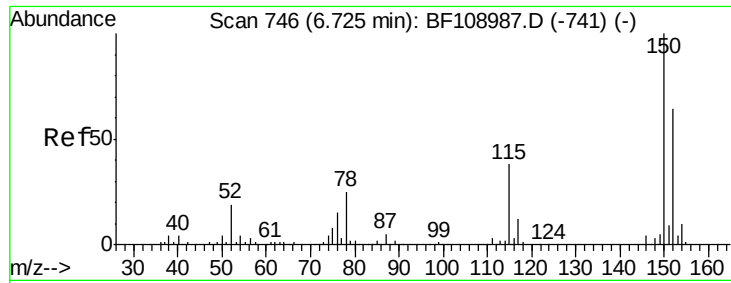
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
 Data File : BF109213.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 11:08:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	237405	57.01	nq	99
43) 2,4,5-Trichlorophenol	9.02	196	248016	56.99	nq	97
45) 1,1'-Biphenyl	9.17	154	885400	56.22	nq	100
46) 2-Chloronaphthalene	9.19	162	708208	56.15	nq	99
47) 2-Nitroaniline	9.29	65	228133	58.84	nq	94
48) Acenaphthylene	9.60	152	1078721	56.73	nq	99
49) Dimethylphthalate	9.47	163	805560	57.26	nq	100
50) 2,6-Dinitrotoluene	9.53	165	178532	57.22	nq	87
51) Acenaphthene	9.77	154	668996	56.50	nq	99
52) 3-Nitroaniline	9.70	138	205564	55.95	nq	94
53) 2,4-Dinitrophenol	9.80	184	58340	48.52	nq	# 19
54) Dibenzofuran	9.95	168	952097	55.64	nq	96
55) 4-Nitrophenol	9.86	139	155686	57.51	nq	88
56) 2,4-Dinitrotoluene	9.93	165	226307	55.46	nq	# 97
57) Fluorene	10.29	166	664469	58.27	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.07	232	202395	56.17	nq	92
59) Diethylphthalate	10.17	149	818358	57.60	nq	98
60) 4-Chlorophenyl-phenylether	10.28	204	347805	56.96	nq	98
61) 4-Nitroaniline	10.31	138	205745	58.94	nq	92
62) Azobenzene	10.44	77	848841	58.37	nq	98
64) 4,6-Dinitro-2-methylphenol	10.35	198	97261	52.56	nq	# 75
65) n-Nitrosodiphenylamine	10.40	169	714262	56.46	nq	95
66) 4-Bromophenyl-phenylether	10.77	248	239539	54.94	nq	# 89
67) Hexachlorobenzene	10.84	284	254879	54.65	nq	# 88
68) Atrazine	10.93	200	223482	55.19	nq	96
69) Pentachlorophenol	11.03	266	173193	58.05	nq	98
70) Phenanthrene	11.25	178	1062895	56.07	nq	98
71) Anthracene	11.29	178	1085242	56.47	nq	100
72) Carbazole	11.45	167	1081169	56.83	nq	100
73) Di-n-butylphthalate	11.79	149	1260757	56.62	nq	99
74) Fluoranthene	12.42	202	1133856	56.65	nq	98
76) Benzidine	12.55	184	559764	58.71	nq	98
77) Pyrene	12.65	202	1164387	58.20	nq	99
79) Butylbenzylphthalate	13.27	149	533127	59.66	nq	95
80) Benzo(a)anthracene	13.83	228	941782	57.76	nq	99
81) 3,3'-Dichlorobenzidine	13.80	252	366570	55.71	nq	98
82) Chrysene	13.87	228	962064	58.97	nq	100
83) Bis(2-ethylhexyl)phthalate	13.84	149	634375	58.63	nq	99
84) Di-n-octyl phthalate	14.44	149	1123097	61.21	nq	100
85) Indeno(1,2,3-cd)pyrene	16.59	276	739725	56.71	nq	# 94
87) Benzo(b)fluoranthene	14.84	252	819156	56.54	nq	97
88) Benzo(k)fluoranthene	14.87	252	826832	61.10	nq	98
89) Benzo(a)pyrene	15.19	252	756110	58.76	nq	98
90) Dibenzo(a,h)anthracene	16.60	278	605696	56.03	nq	# 95
91) Benzo(g,h,i)perylene	16.99	276	607060	56.17	nq	# 93

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

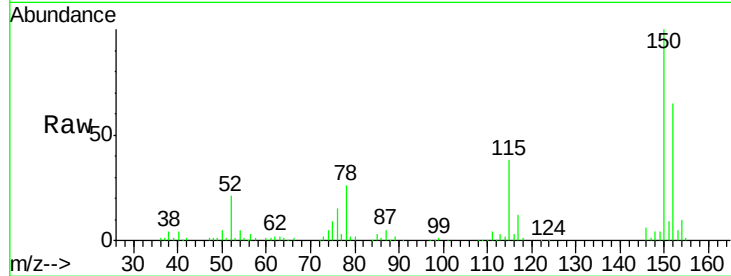


#1

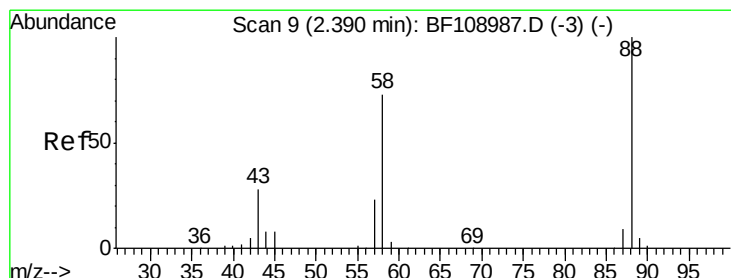
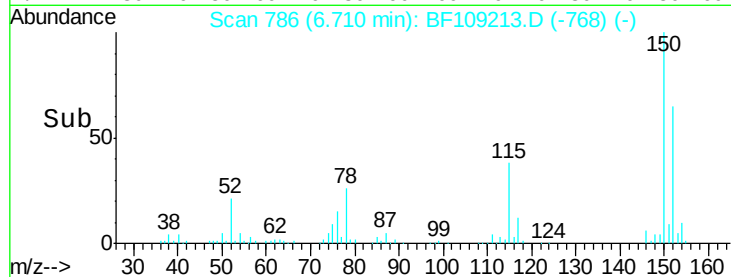
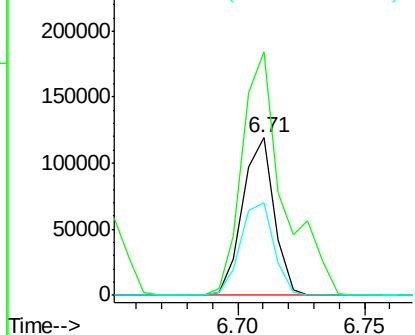
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.01 min
Lab File: BF109213.D
Acq: 22 Sep 2018 11:28

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.6	186.8
115	58.7	50.1	75.1



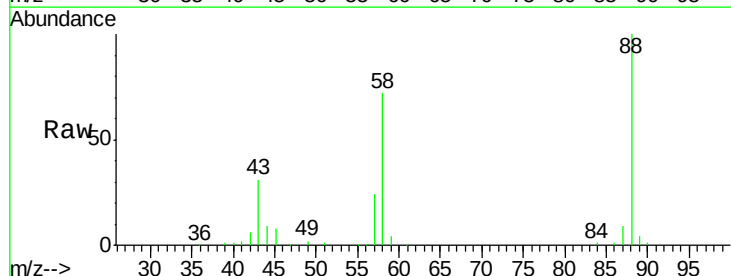
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



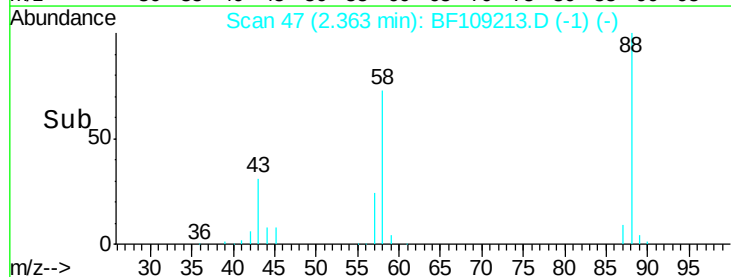
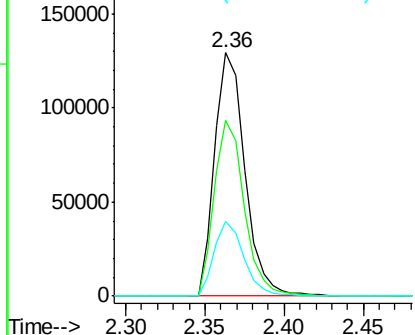
#2

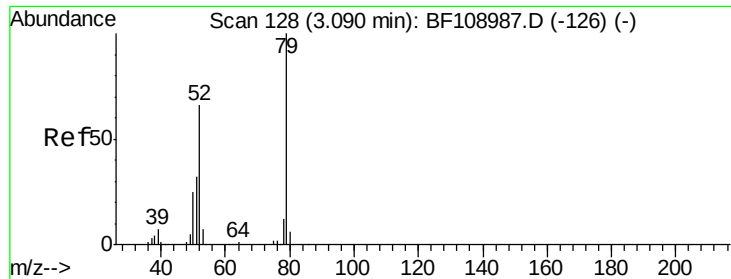
1,4-Dioxane
Concen: 58.06 ng
RT: 2.36 min Scan# 47
Delta R.T. -0.01 min
Lab File: BF109213.D
Acq: 22 Sep 2018 11:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.2	62.6	93.8
43	29.9	24.6	37.0



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





#3

Pvridine

Concen: 58.10 ng

RT: 3.06 min Scan# 165

Delta R.T. -0.01 min

Lab File: BF109213.D

Acq: 22 Sep 2018 11:28

Instrument :

BNA_F

ClientSampled :

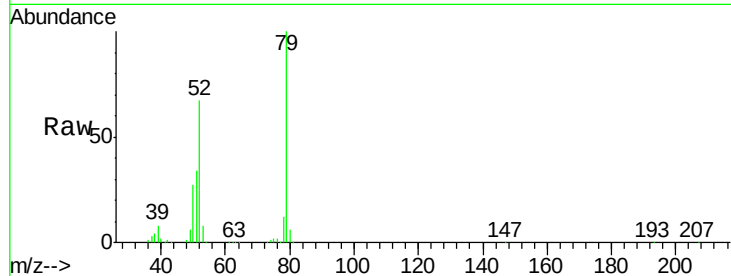
Tot Ion: 79 Resp: 458043

Ion Ratio Lower Upper

79 100

52 66.8 59.8 89.6

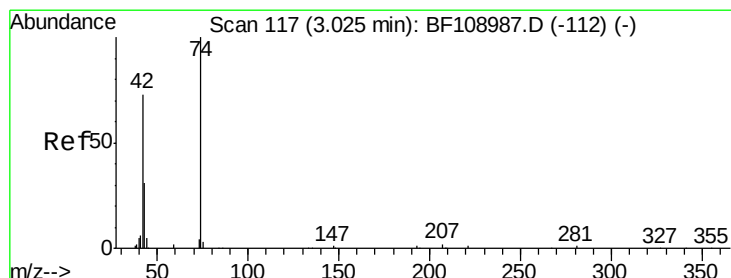
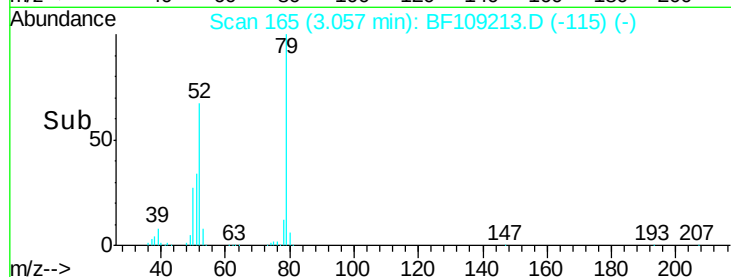
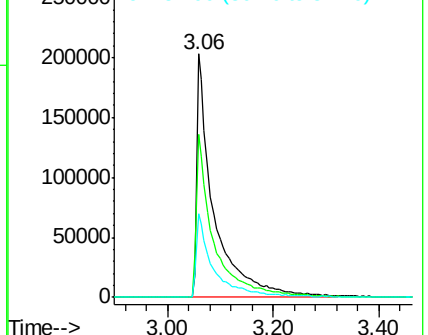
51 34.1 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 66.23 ng

RT: 3.01 min Scan# 157

Delta R.T. 0.01 min

Lab File: BF109213.D

Acq: 22 Sep 2018 11:28

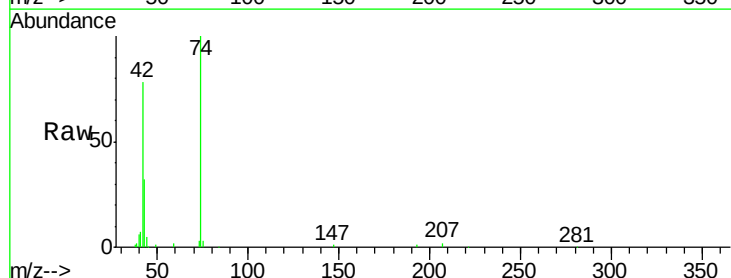
Tgt Ion: 42 Resp: 197194

Ion Ratio Lower Upper

42 100

74 128.7 104.9 157.3

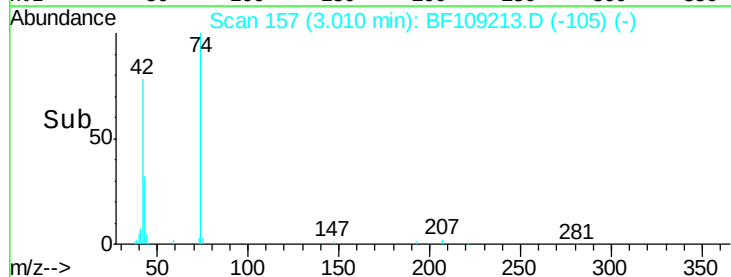
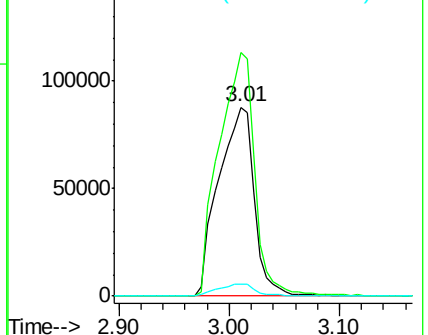
44 6.5 6.9 10.3#

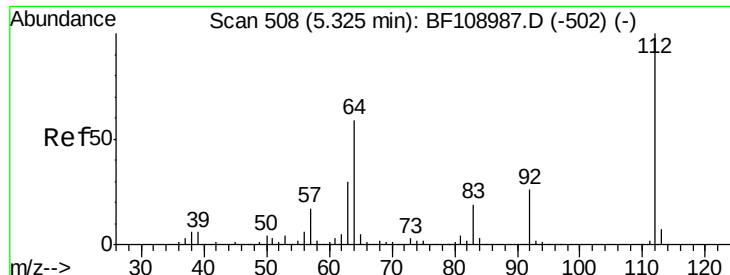


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 116.55 ng

RT: 5.31 min Scan# 548

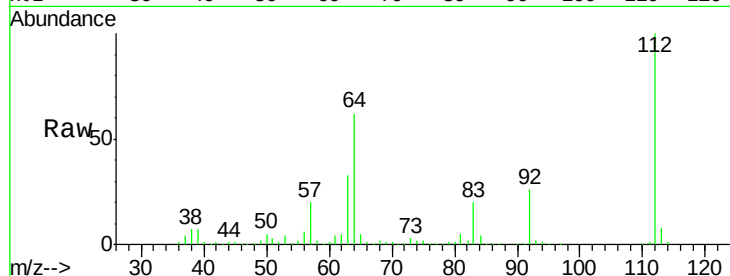
Delta R.T. 0.00 min

Lab File: BF109213.D

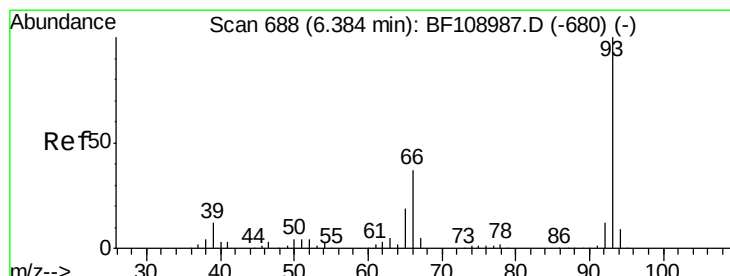
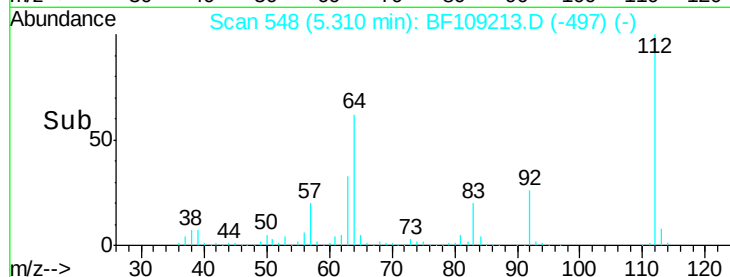
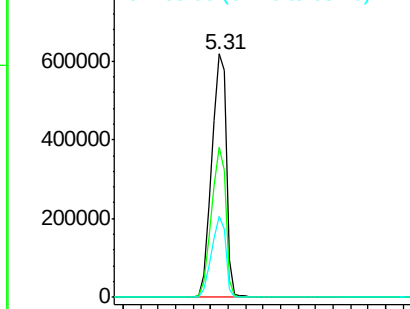
Acq: 22 Sep 2018 11:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	728090
Ion	Ratio	Lower	Upper
112	100		
64	61.8	47.9	71.9
63	33.2	23.7	35.5



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



#6

Aniline

Concen: 56.37 ng

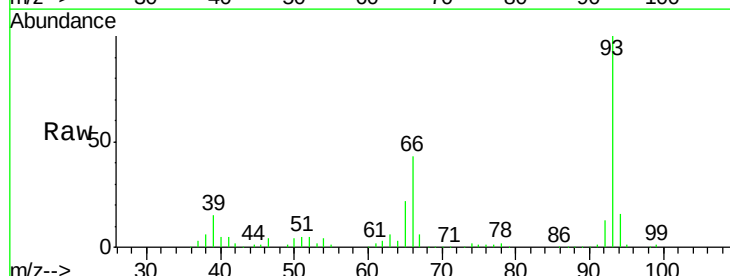
RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

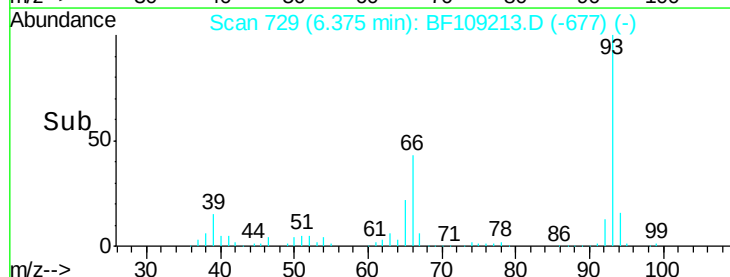
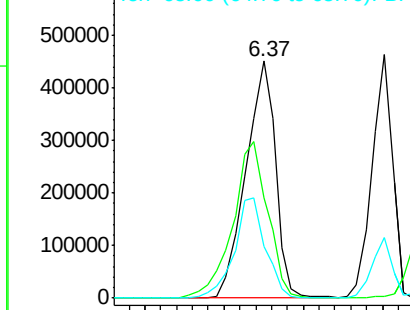
Lab File: BF109213.D

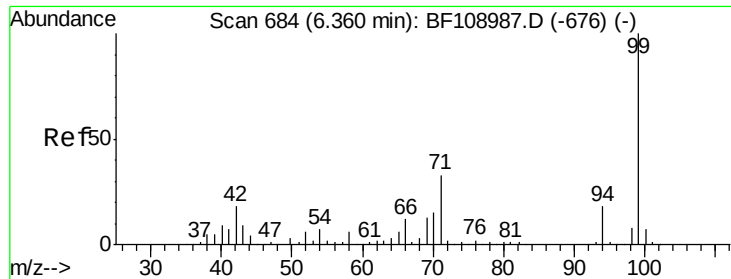
Acq: 22 Sep 2018 11:28

Tgt Ion:	93	Resp:	586936
Ion	Ratio	Lower	Upper
93	100		
66	42.6	32.2	48.2
65	21.7	16.4	24.6



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





#7

Phenol-d6

Concen: 114.08 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF109213.D

Acq: 22 Sep 2018 11:28

Instrument :

BNA_F

ClientSampled :

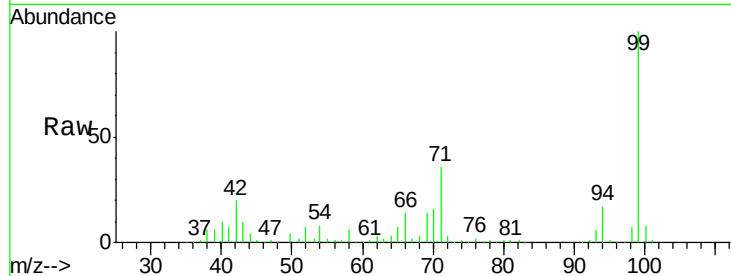
Tot Ion: 99 Resp: 918996

Ion Ratio Lower Upper

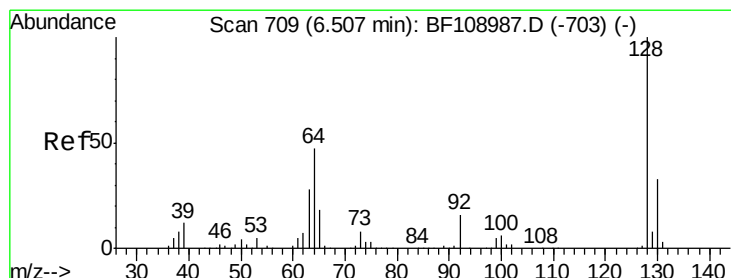
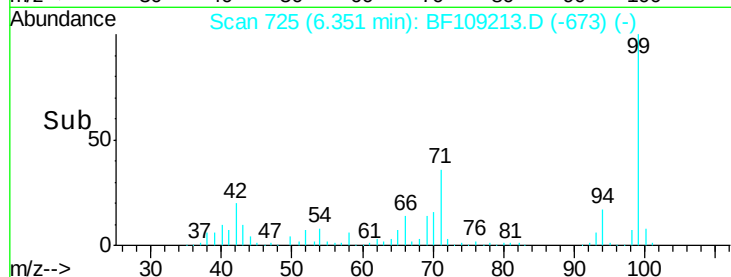
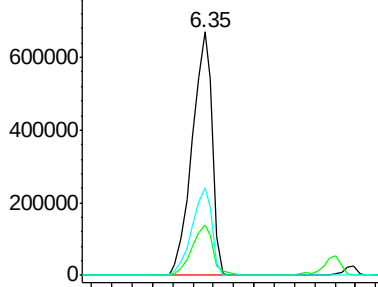
99 100

42 20.5 14.5 21.7

71 35.7 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 57.20 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF109213.D

Acq: 22 Sep 2018 11:28

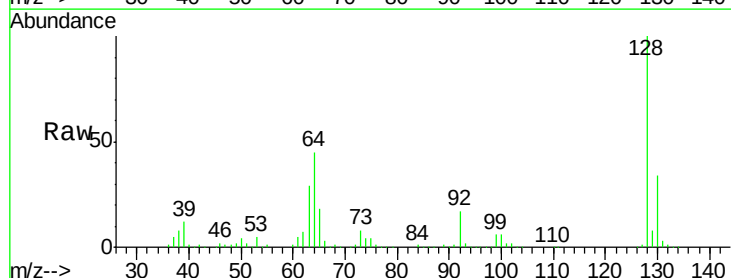
Tgt Ion: 128 Resp: 399884

Ion Ratio Lower Upper

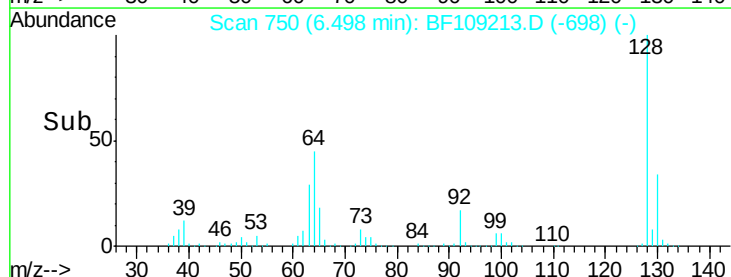
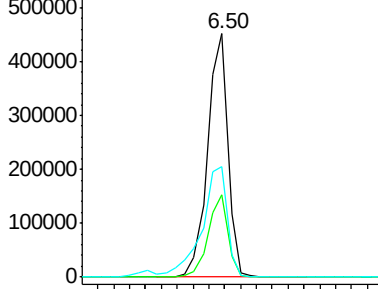
128 100

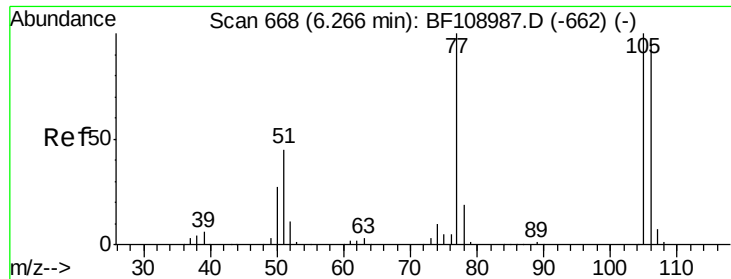
130 33.9 13.0 53.0

64 45.3 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 51.90 ng

RT: 6.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF109213.D

Acq: 22 Sep 2018 11:28

Instrument :

BNA_F

ClientSampleId :

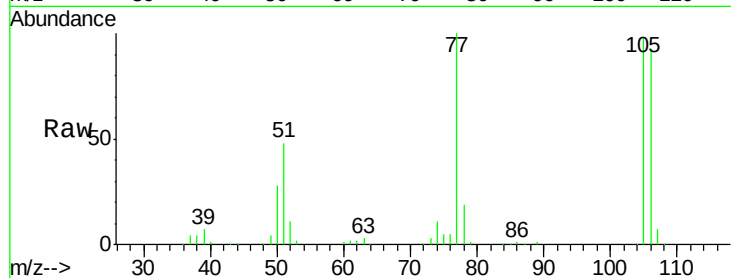
Tot Ion: 77 Resp: 267029

Ion Ratio Lower Upper

77 100

105 98.2 81.1 121.1

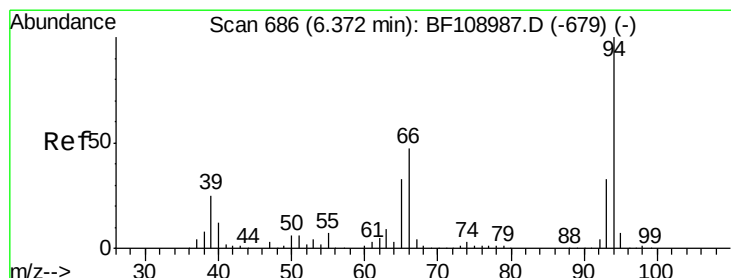
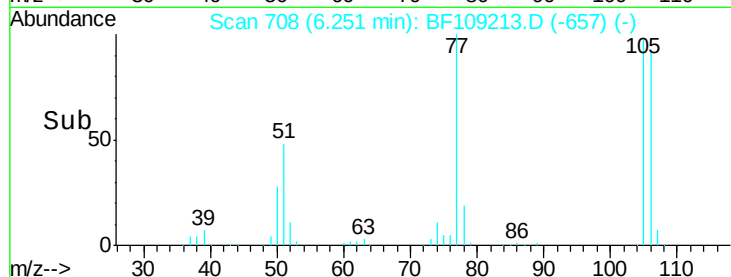
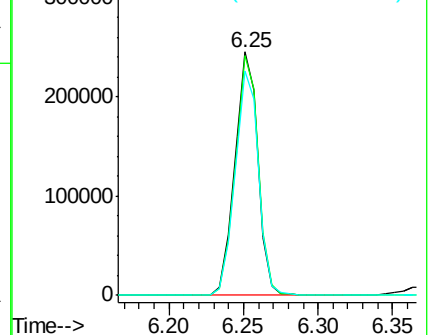
106 92.0 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 57.37 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF109213.D

Acq: 22 Sep 2018 11:28

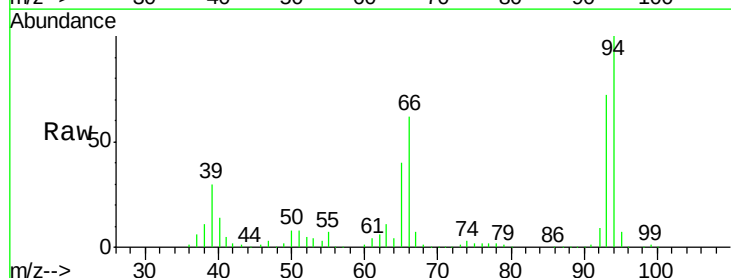
Tgt Ion: 94 Resp: 520049

Ion Ratio Lower Upper

94 100

65 40.1 7.9 47.9

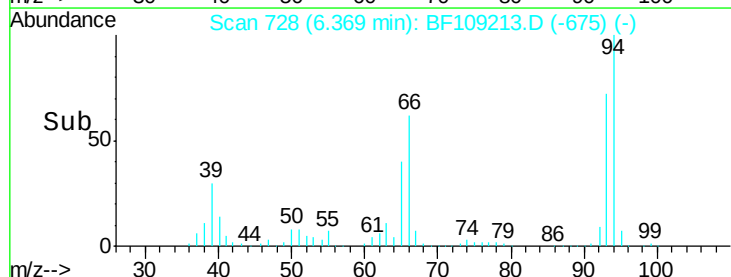
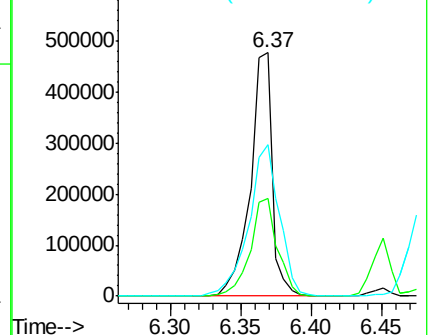
66 62.5 16.2 56.2#

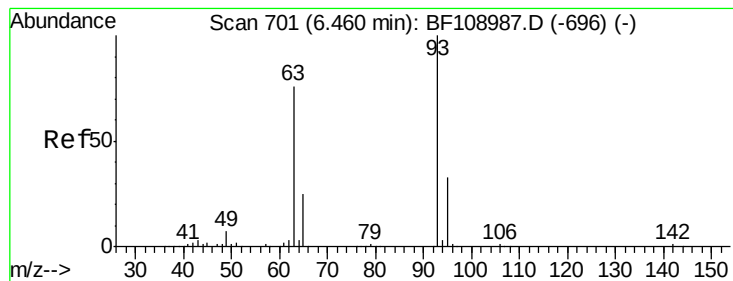


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 57.42 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF109213.D

Acq: 22 Sep 2018 11:28

Instrument :

BNA_F

ClientSampleId :

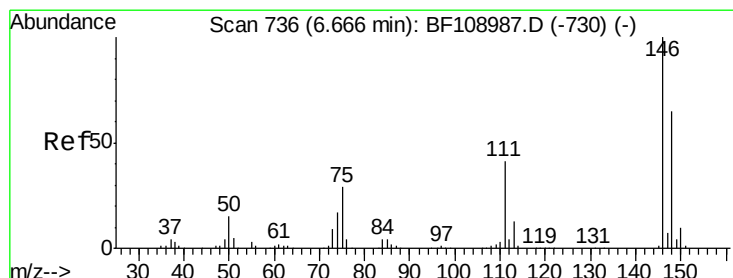
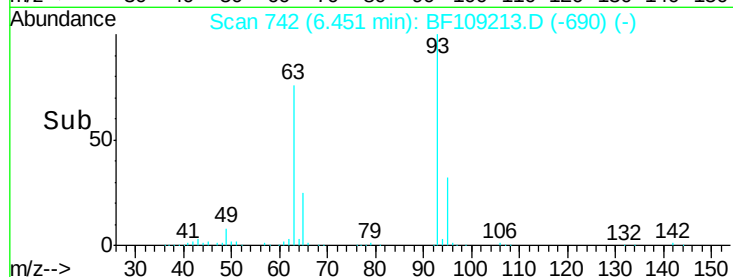
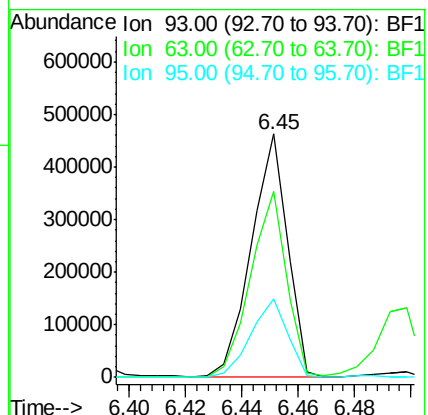
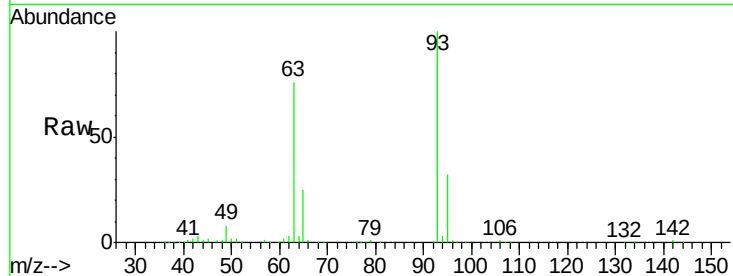
Tot Ion: 93 Resp: 409423

Ion Ratio Lower Upper

93 100

63 76.4 58.6 98.6

95 32.5 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 57.43 ng

RT: 6.65 min Scan# 776

Delta R.T. 0.00 min

Lab File: BF109213.D

Acq: 22 Sep 2018 11:28

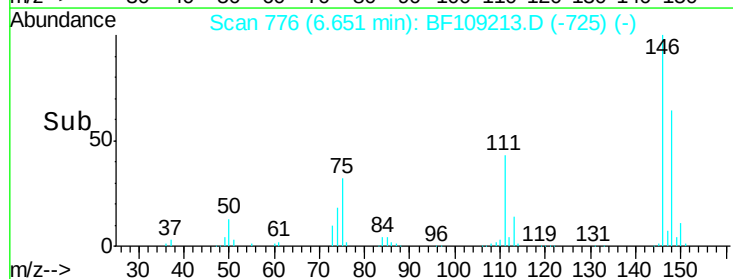
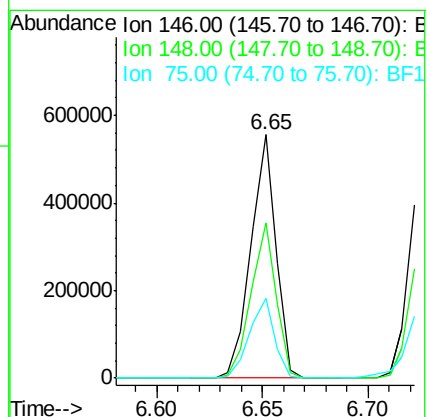
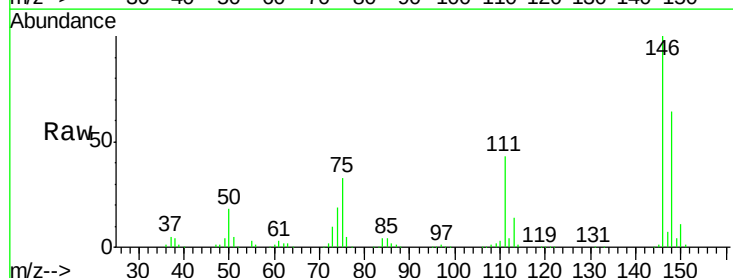
Tgt Ion: 146 Resp: 459200

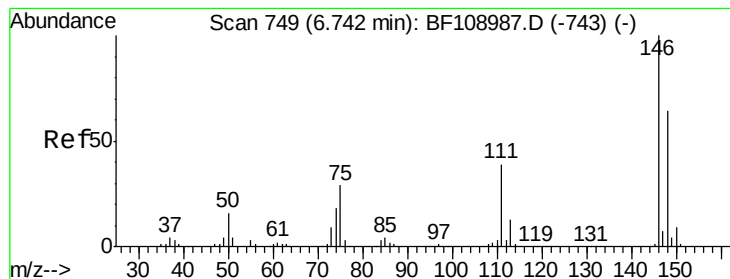
Ion Ratio Lower Upper

146 100

148 63.7 51.8 77.8

75 32.7 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 57.59 ng

RT: 6.73 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF109213.D

Acq: 22 Sep 2018 11:28

Instrument :

BNA_F

ClientSampleId :

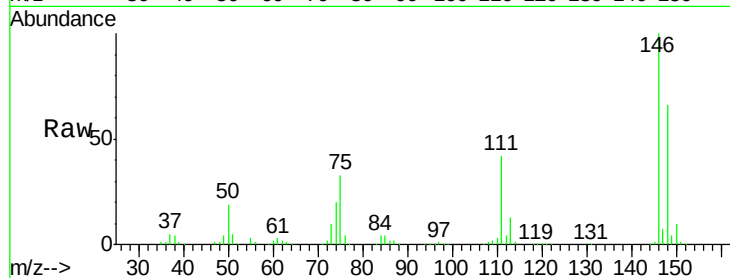
Tot Ion:146 Resp: 461922

Ion Ratio Lower Upper

146 100

148 65.7 50.8 76.2

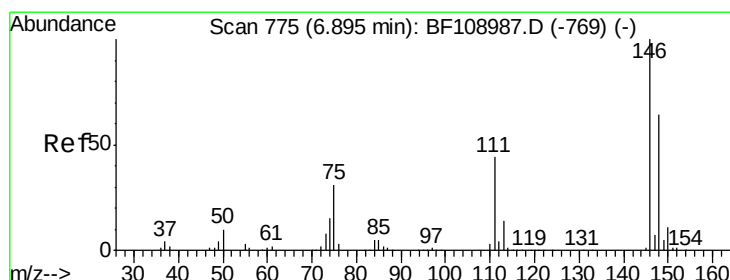
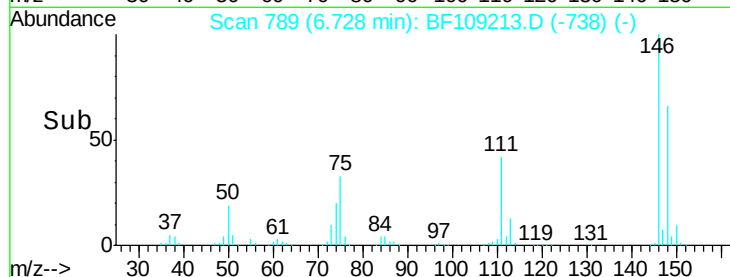
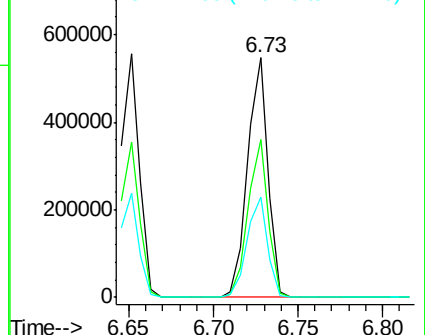
111 41.8 34.2 51.2



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: 56.49 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF109213.D

Acq: 22 Sep 2018 11:28

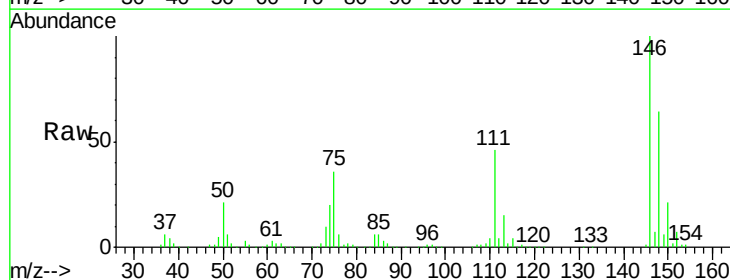
Tgt Ion:146 Resp: 420068

Ion Ratio Lower Upper

146 100

148 63.8 50.6 75.8

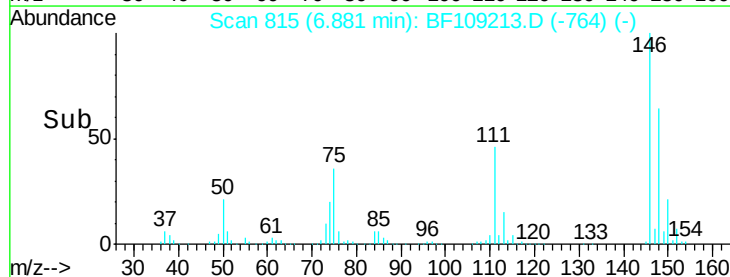
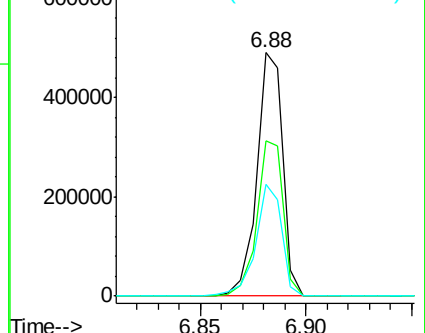
111 45.9 36.0 54.0

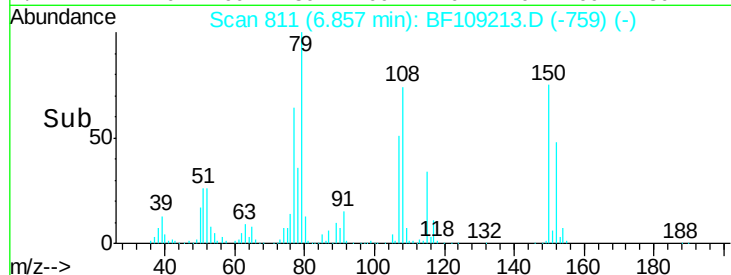
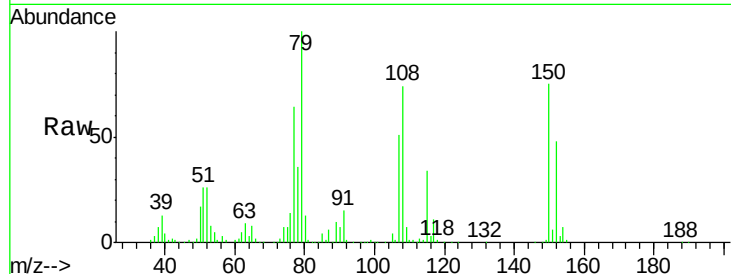
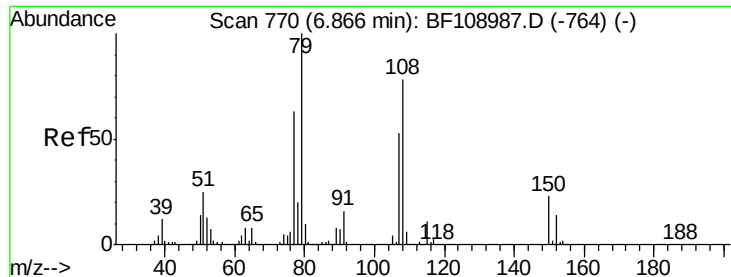


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 58.66 ng

RT: 6.86 min Scan# 811

Delta R.T. 0.01 min

Lab File: BF109213.D

Acq: 22 Sep 2018 11:28

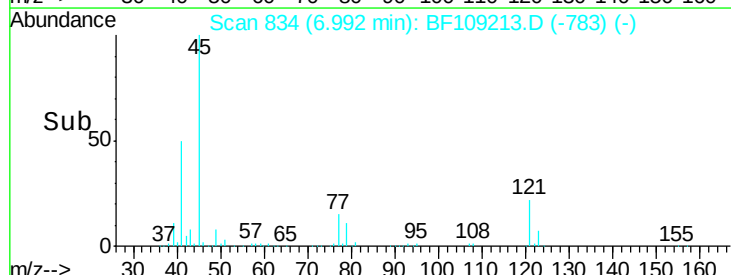
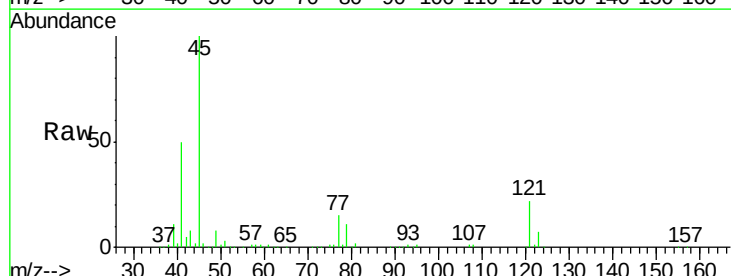
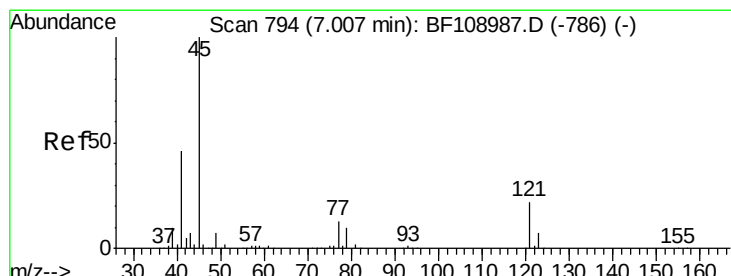
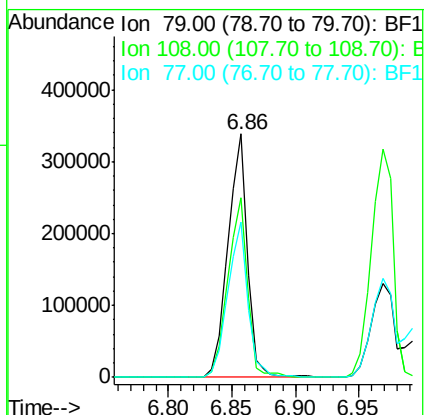
Tot Ion: 79 Resp: 358713

Ion Ratio Lower Upper

79 100

108 73.9 65.1 97.7

77 63.7 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 56.85 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF109213.D

Acq: 22 Sep 2018 11:28

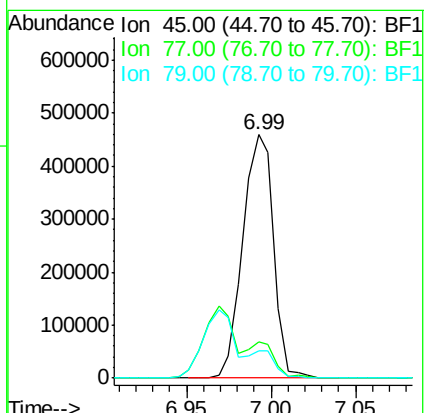
Tgt Ion: 45 Resp: 580832

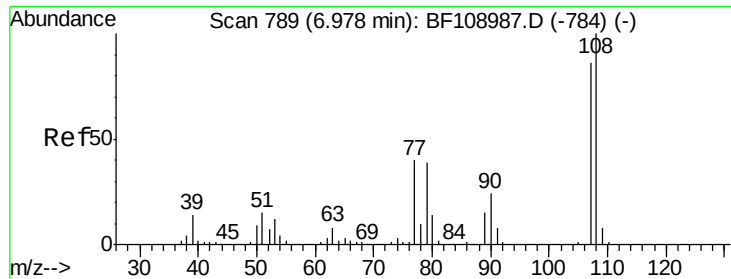
Ion Ratio Lower Upper

45 100

77 14.8 0.0 32.9

79 11.1 0.0 29.6

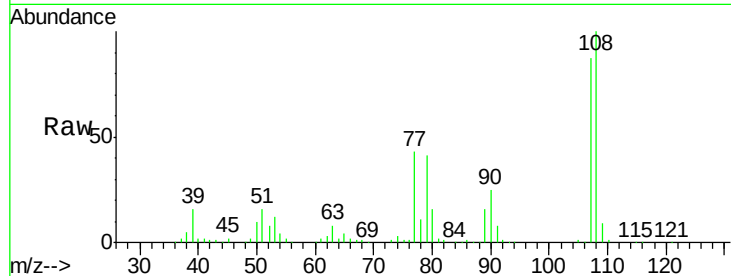




#17
2-Methylphenol
Concen: 57.56 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF109213.D
Acq: 22 Sep 2018 11:28

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.6	91.7	137.5
77	49.4	33.8	50.8
79	46.9	33.8	50.8



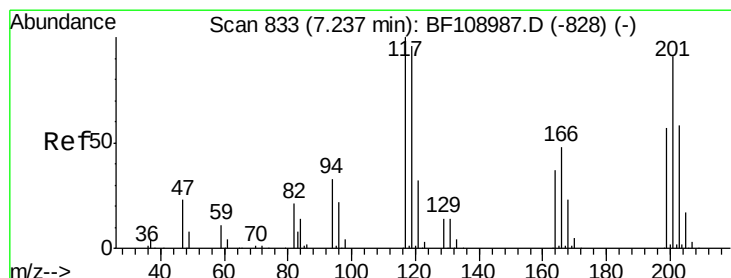
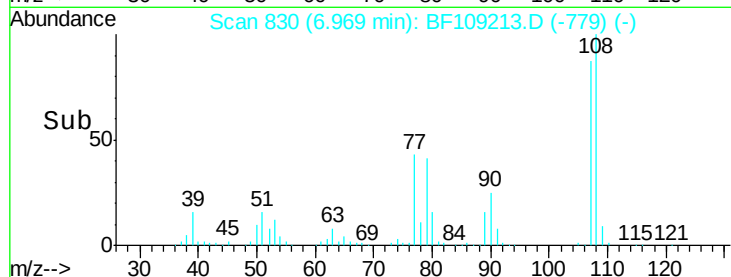
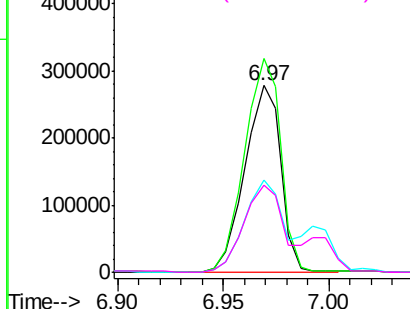
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

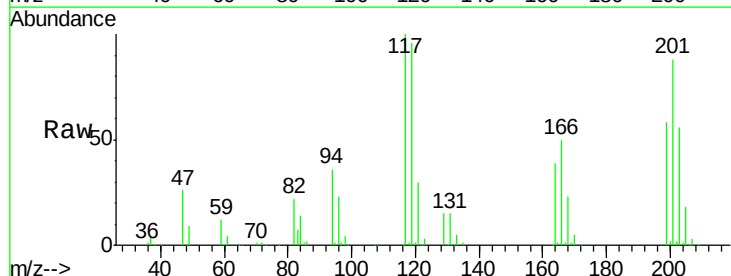
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 57.67 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF109213.D
Acq: 22 Sep 2018 11:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	75.8	113.8
201	87.9	75.7	113.5

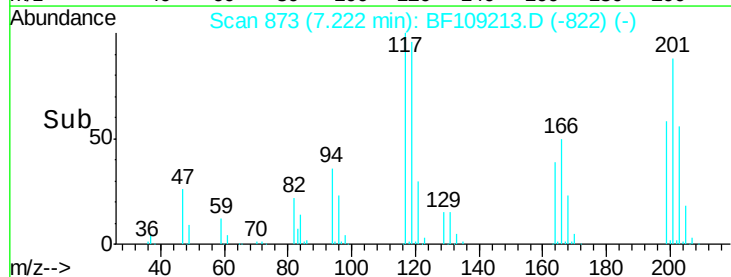
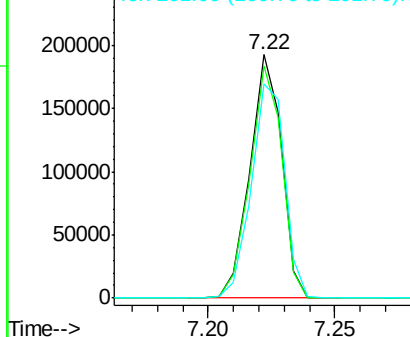


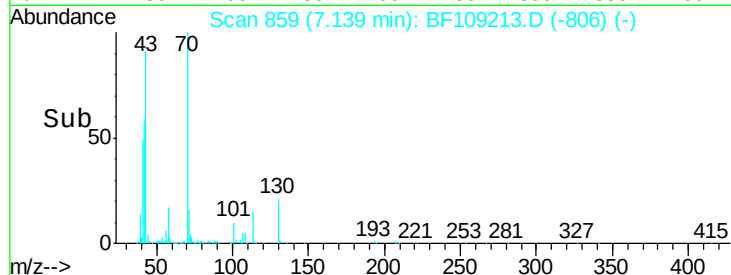
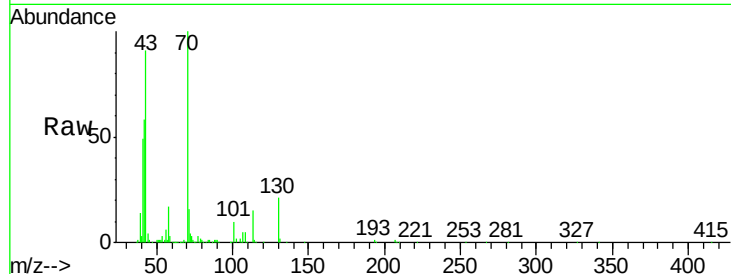
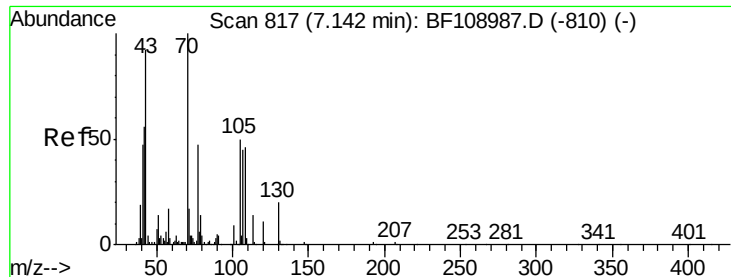
Abundance

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

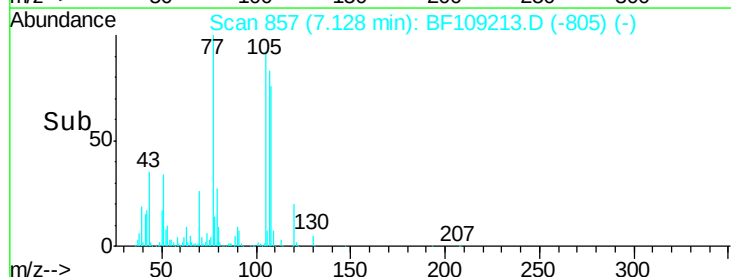
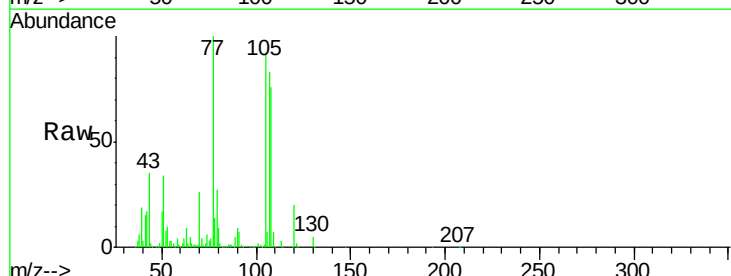
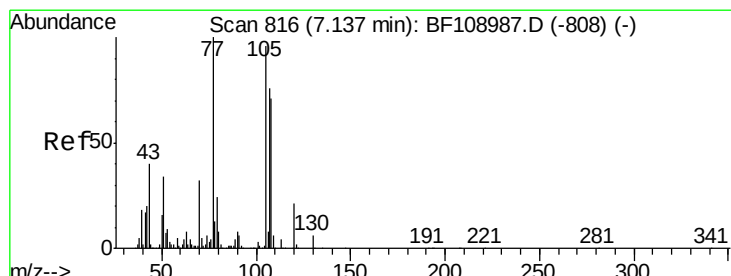
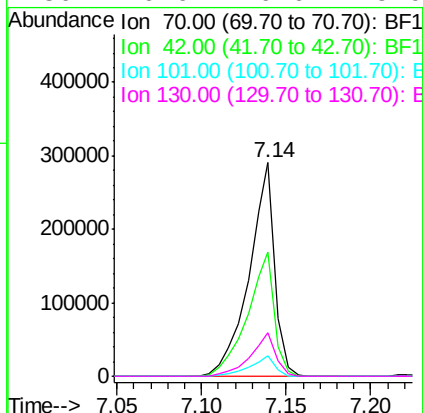




#19
n-Nitroso-di-n-propylamine
Concen: 57.47 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.01 min
Lab File: BF109213.D
Acq: 22 Sep 2018 11:28

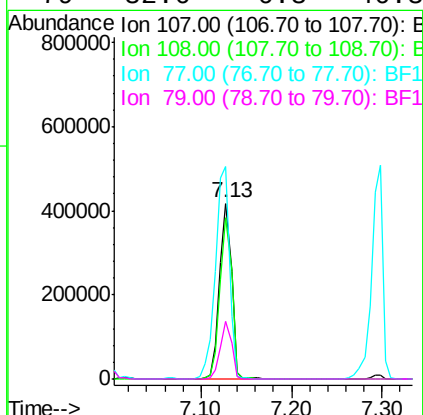
Instrument :
BNA_F
ClientSampleId :

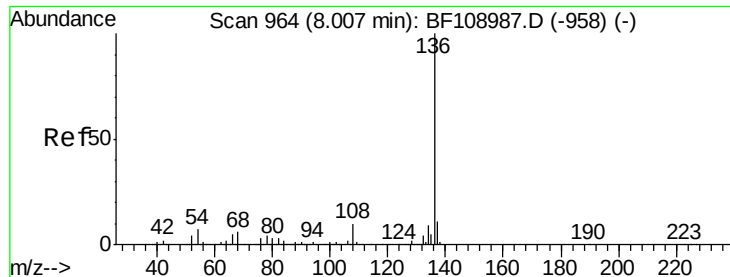
Tot Ion:	70	Resp:	305991
Ion	Ratio	Lower	Upper
70	100		
42	58.0	47.5	71.3
101	9.7	7.4	11.2
130	20.6	16.6	25.0



#20
3+4-Methylphenols
Concen: 55.55 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF109213.D
Acq: 22 Sep 2018 11:28

Tgt Ion:	107	Resp:	381616
Ion	Ratio	Lower	Upper
107	100		
108	92.3	68.2	108.2
77	121.0	26.7	66.7#
79	32.6	6.3	46.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.99 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BF109213.D

Acq: 22 Sep 2018 11:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 412744

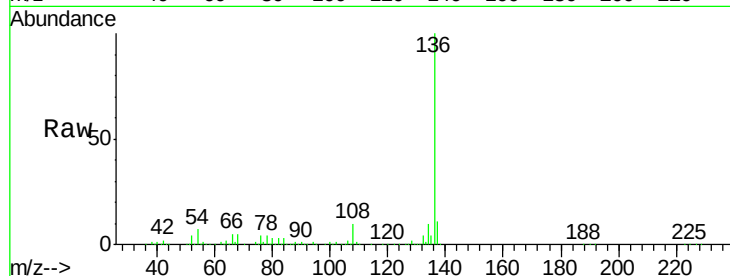
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.1 6.6 9.8

68 5.4 5.0 7.4

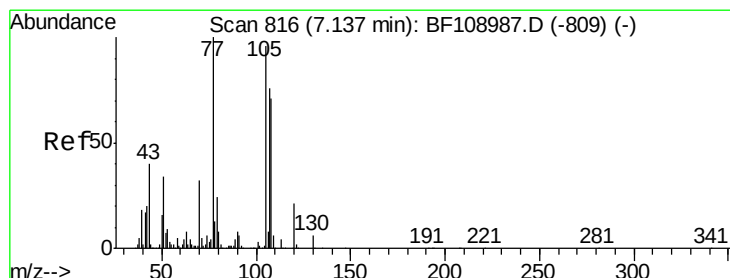
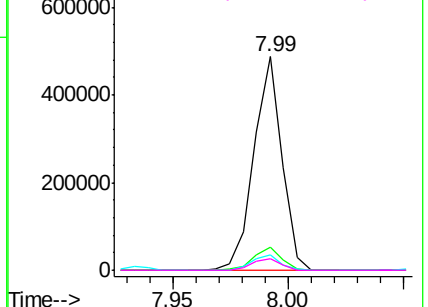
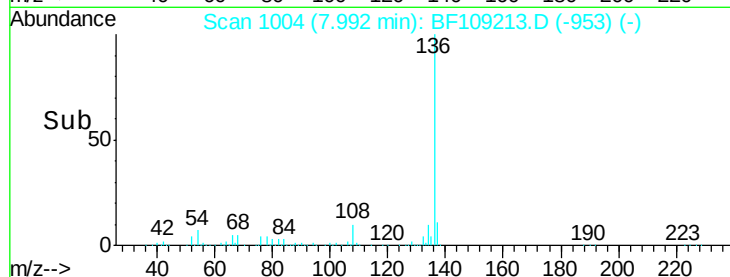


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 56.16 ng

RT: 7.12 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF109213.D

Acq: 22 Sep 2018 11:28

Tgt Ion:105 Resp: 526390

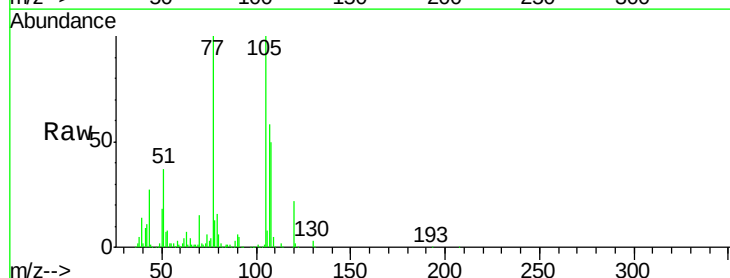
Ion Ratio Lower Upper

105 100

71 2.5 4.4 6.6#

51 36.9 22.3 33.5#

120 21.6 16.9 25.3

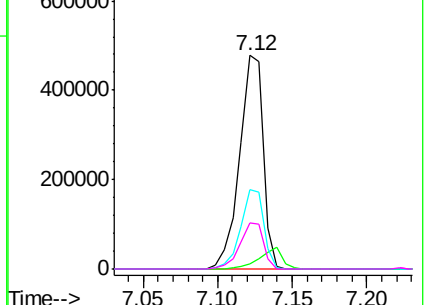
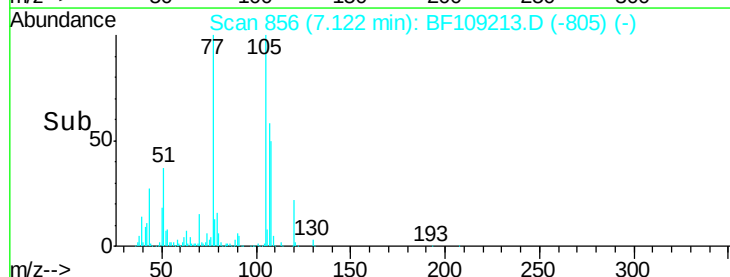


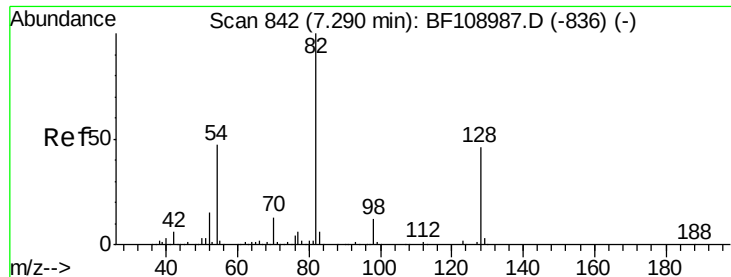
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

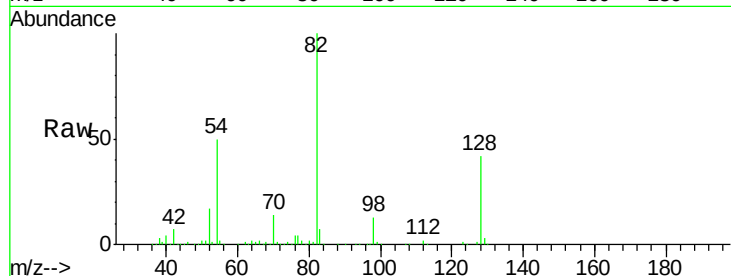




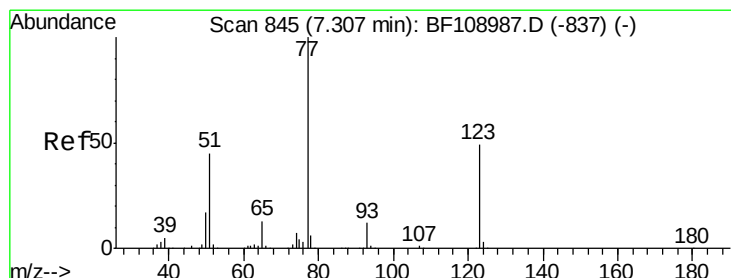
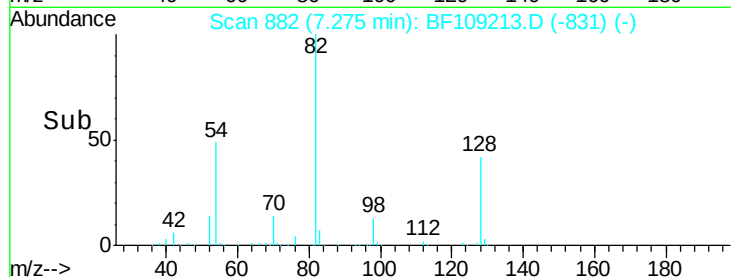
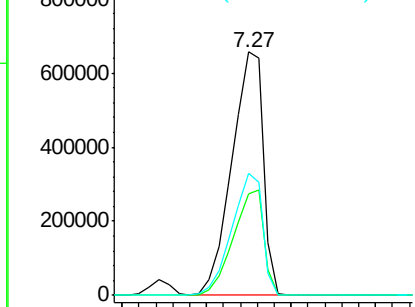
#23
 Nitrobenzene-d5
 Concen: 115.54 ng
 RT: 7.27 min Scan# 882
 Delta R.T. 0.00 min
 Lab File: BF109213.D
 Acq: 22 Sep 2018 11:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 850220
 Ion Ratio Lower Upper
 82 100
 128 41.8 36.1 54.1
 54 50.1 41.4 62.2

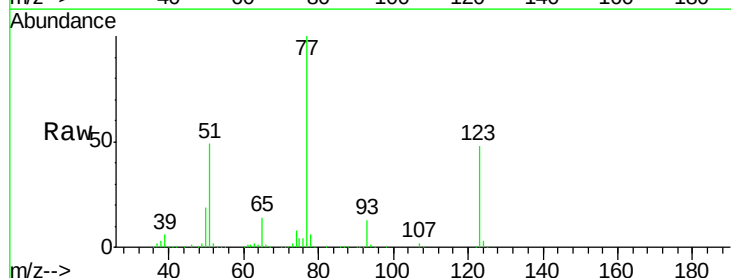


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

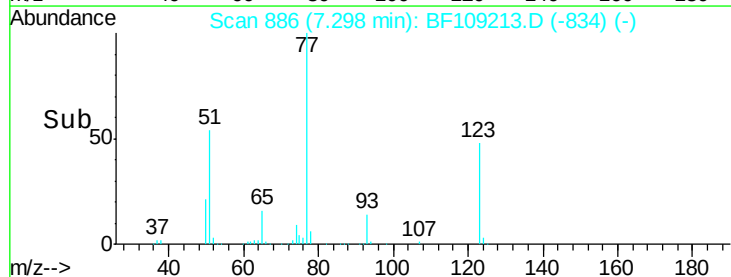
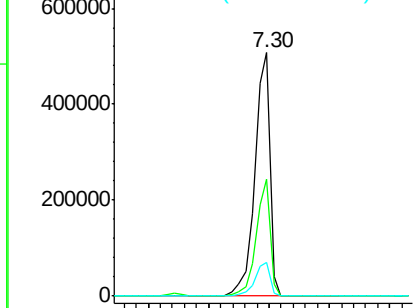


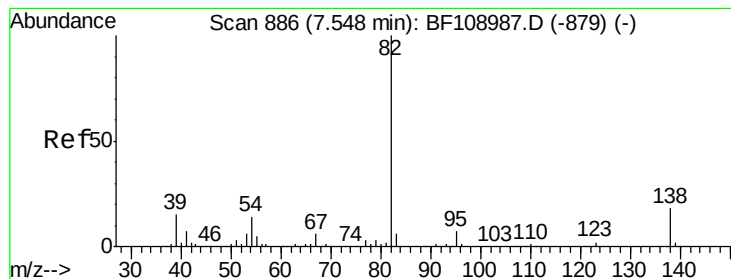
#24
 Nitrobenzene
 Concen: 58.65 ng
 RT: 7.30 min Scan# 886
 Delta R.T. 0.01 min
 Lab File: BF109213.D
 Acq: 22 Sep 2018 11:28

Tgt Ion: 77 Resp: 445000
 Ion Ratio Lower Upper
 77 100
 123 48.0 37.9 56.9
 65 13.7 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 58.46 ng

RT: 7.54 min Scan# 927

Delta R.T. 0.01 min

Lab File: BF109213.D

Acq: 22 Sep 2018 11:28

Instrument :

BNA_F

ClientSampleId :

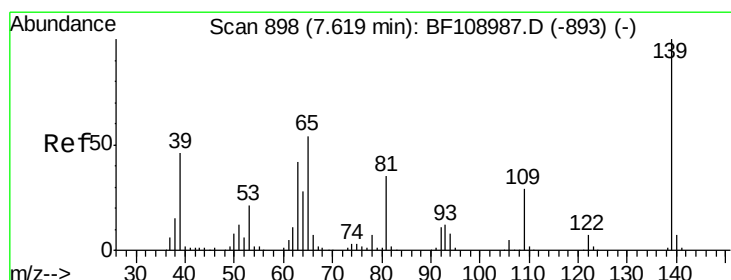
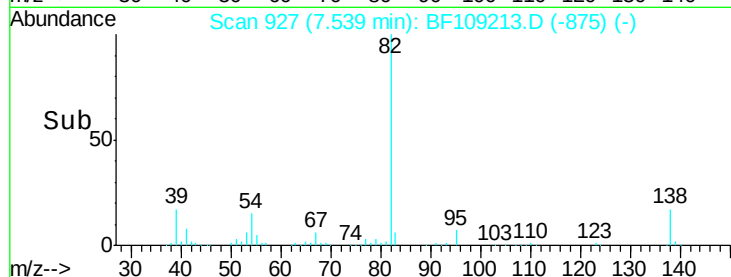
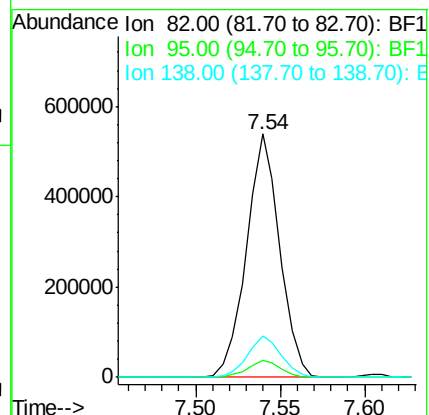
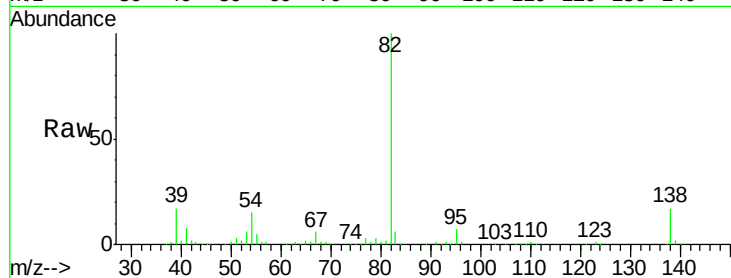
Tot Ion: 82 Resp: 739448

Ion Ratio Lower Upper

82 100

95 7.2 5.2 7.8

138 17.0 14.9 22.3



#26

2-Nitrophenol

Concen: 54.83 ng

RT: 7.61 min Scan# 939

Delta R.T. 0.01 min

Lab File: BF109213.D

Acq: 22 Sep 2018 11:28

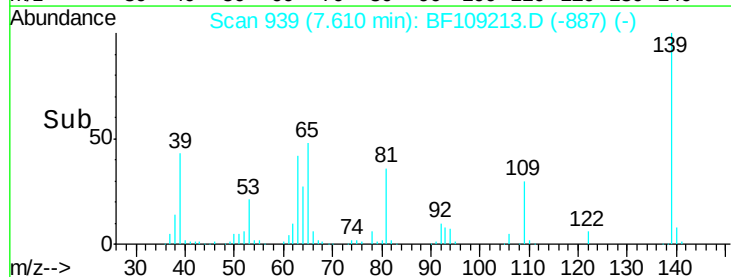
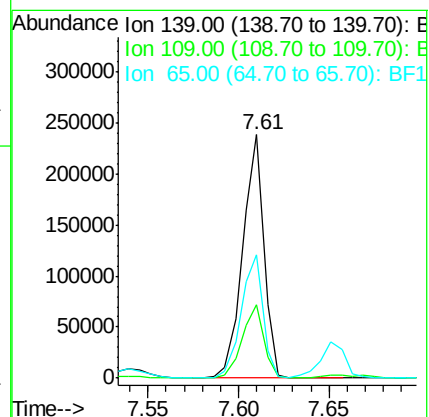
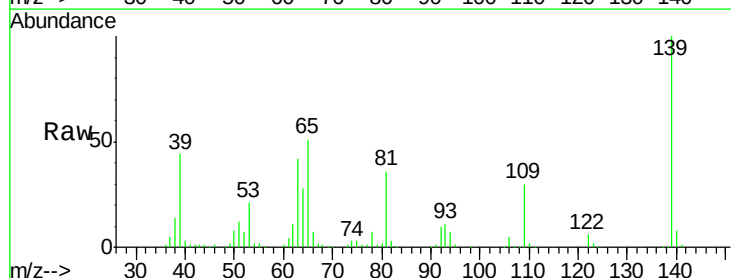
Tgt Ion: 139 Resp: 194238

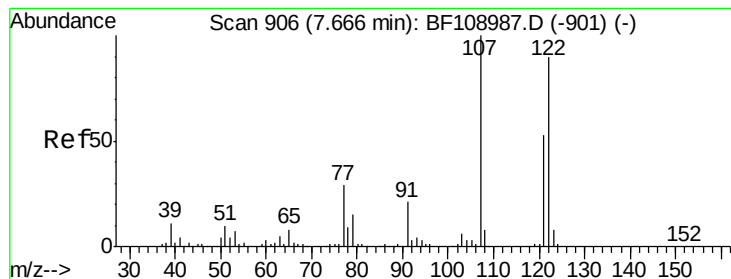
Ion Ratio Lower Upper

139 100

109 30.2 22.7 34.1

65 50.5 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 57.54 ng

RT: 7.65 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF109213.D

Acq: 22 Sep 2018 11:28

Instrument :

BNA_F

ClientSampled :

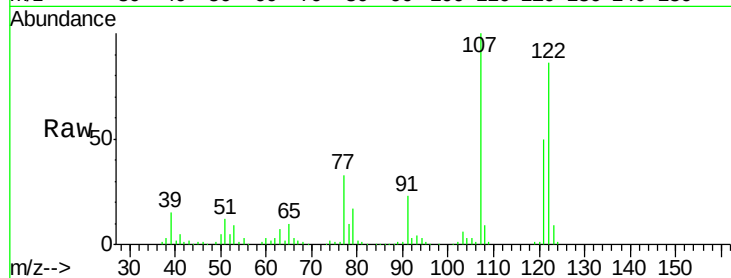
Tot Ion:122 Resp: 319760

Ion Ratio Lower Upper

122 100

107 116.5 91.2 136.8

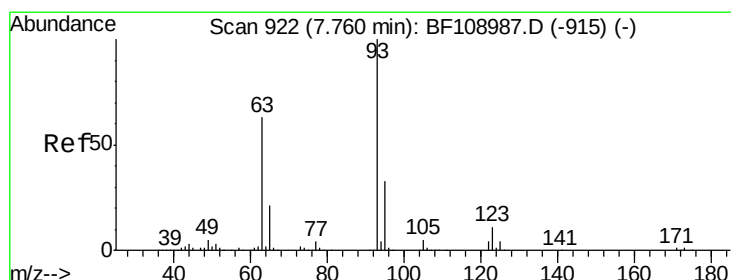
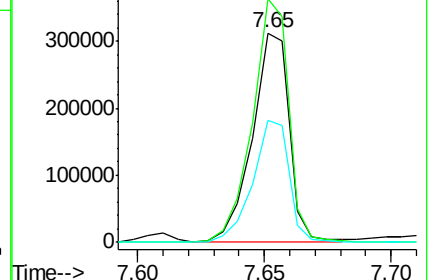
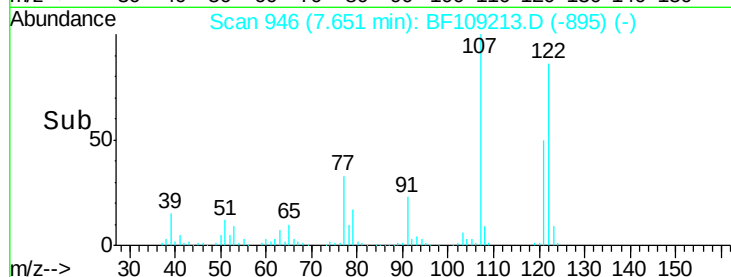
121 58.4 47.2 70.8



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: 56.20 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.01 min

Lab File: BF109213.D

Acq: 22 Sep 2018 11:28

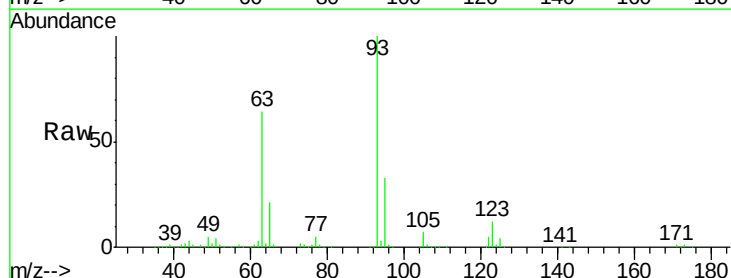
Tgt Ion: 93 Resp: 478416

Ion Ratio Lower Upper

93 100

95 32.6 26.3 39.5

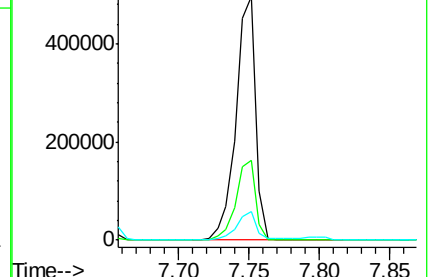
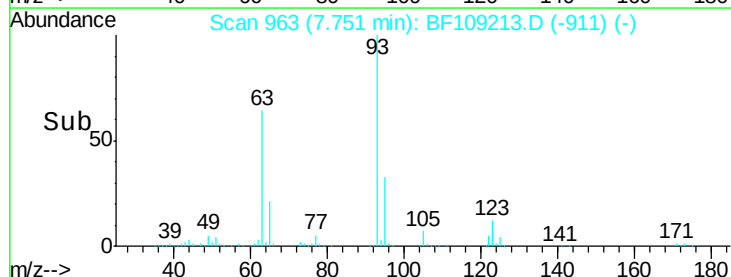
123 11.6 9.8 14.6

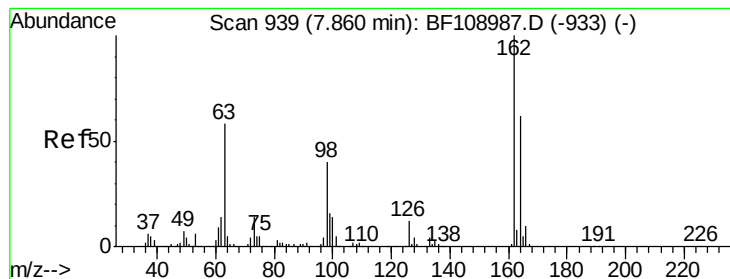


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 57.19 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF109213.D

Acq: 22 Sep 2018 11:28

Instrument :

BNA_F

ClientSampled :

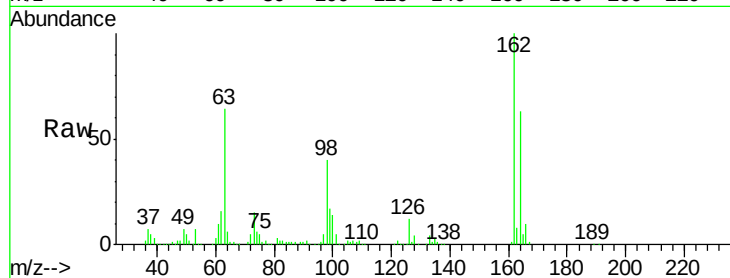
Tot Ion:162 Resp: 338657

Ion Ratio Lower Upper

162 100

164 62.9 42.7 82.7

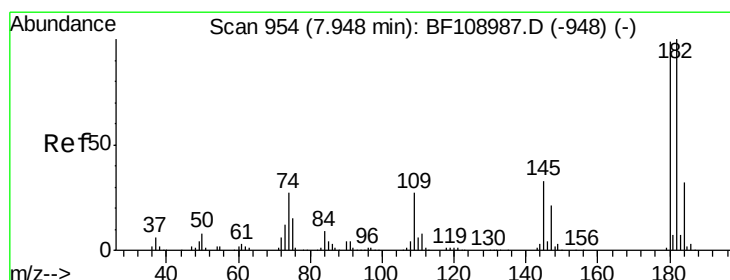
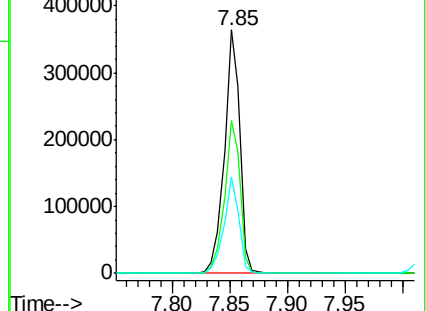
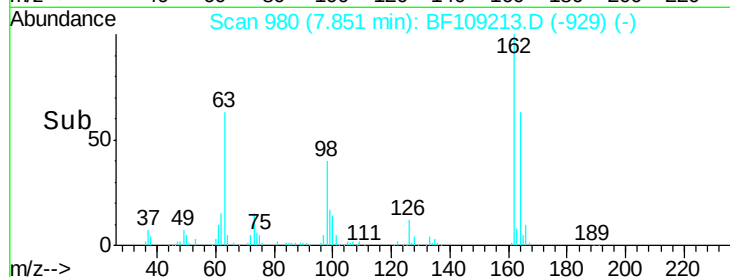
98 39.8 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 56.94 ng

RT: 7.93 min Scan# 994

Delta R.T. 0.00 min

Lab File: BF109213.D

Acq: 22 Sep 2018 11:28

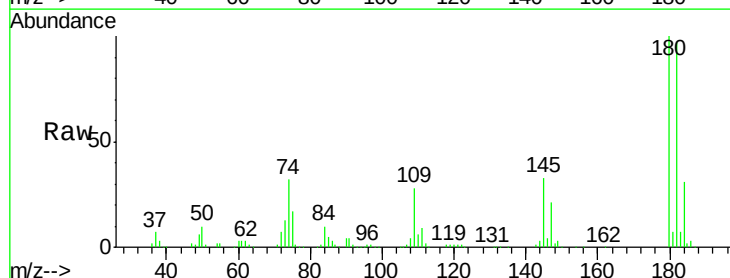
Tgt Ion:180 Resp: 364524

Ion Ratio Lower Upper

180 100

182 97.2 76.8 115.2

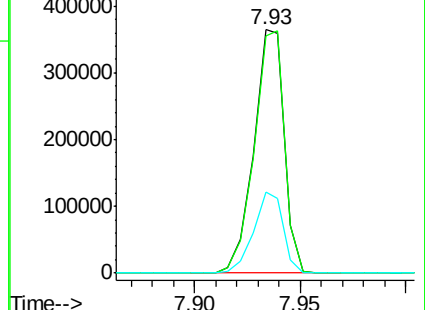
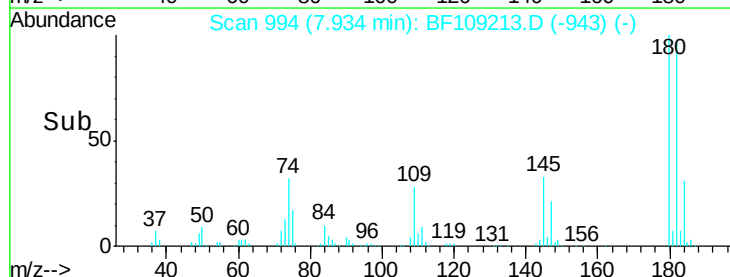
145 33.4 26.5 39.7

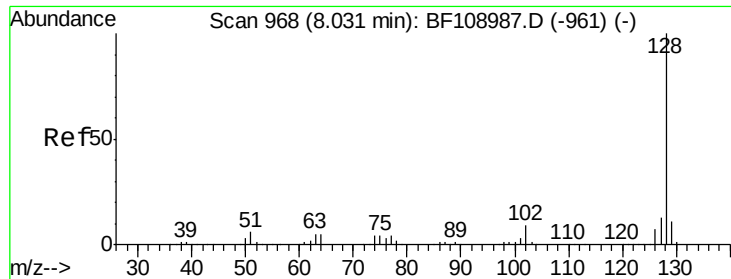


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

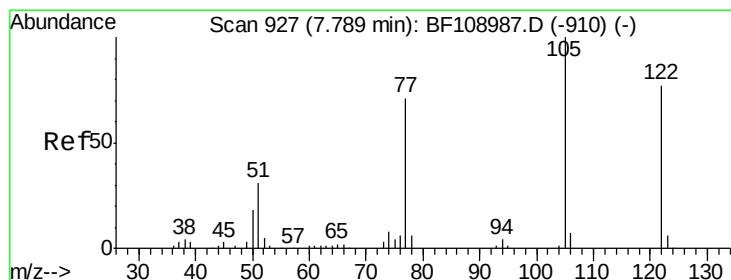
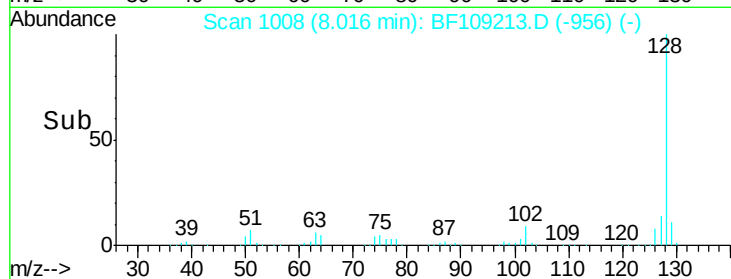
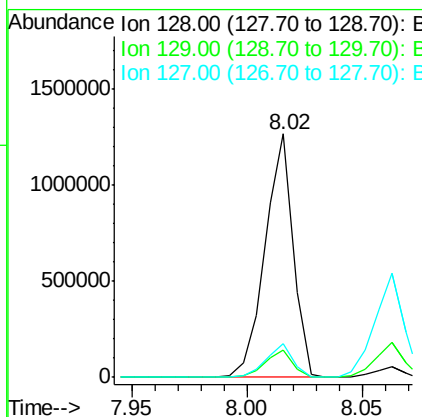
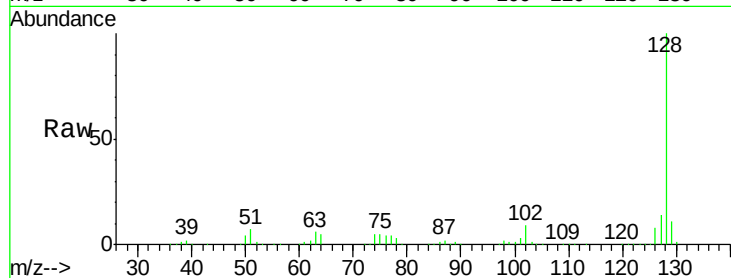




#31
Naphthalene
Concen: 56.08 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.01 min
Lab File: BF109213.D
Acq: 22 Sep 2018 11:28

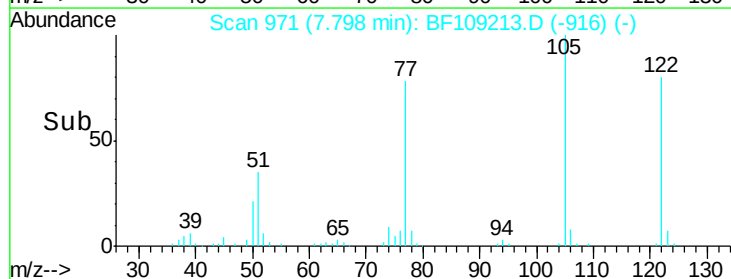
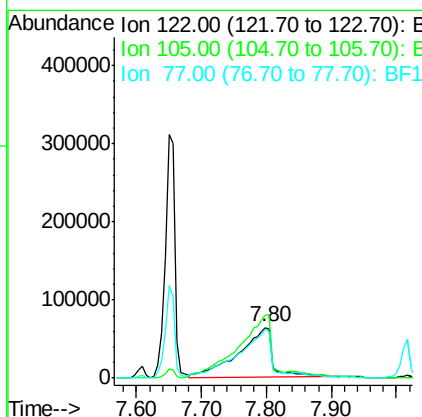
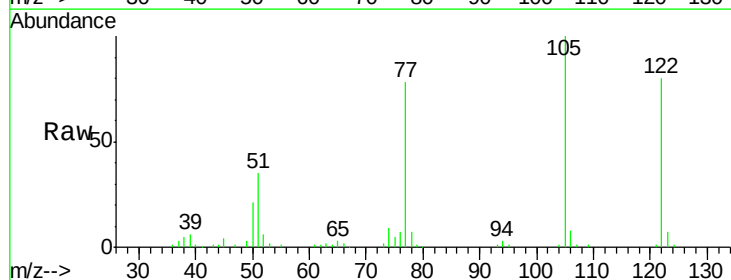
Instrument :
BNA_F
ClientSampleId :

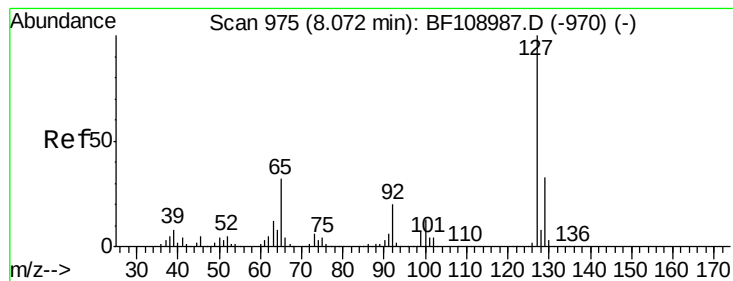
Tot Ion:128 Resp: 1074293
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.6 10.9 16.3



#32
Benzoic acid
Concen: 64.95 ng
RT: 7.80 min Scan# 971
Delta R.T. 0.02 min
Lab File: BF109213.D
Acq: 22 Sep 2018 11:28

Tgt Ion:122 Resp: 235835
Ion Ratio Lower Upper
122 100
105 125.3 101.1 141.1
77 97.8 70.7 110.7





#33

4-Chloroaniline

Concen: 55.86 ng

RT: 8.06 min Scan# 1016

Delta R.T. 0.01 min

Lab File: BF109213.D

Acq: 22 Sep 2018 11:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 475800

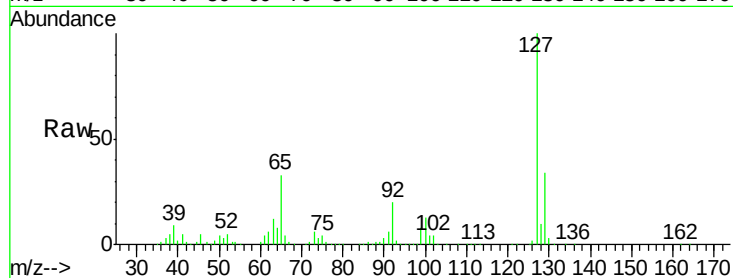
Ion Ratio Lower Upper

127 100

129 33.6 25.9 38.9

65 32.6 25.0 37.4

92 19.7 15.2 22.8

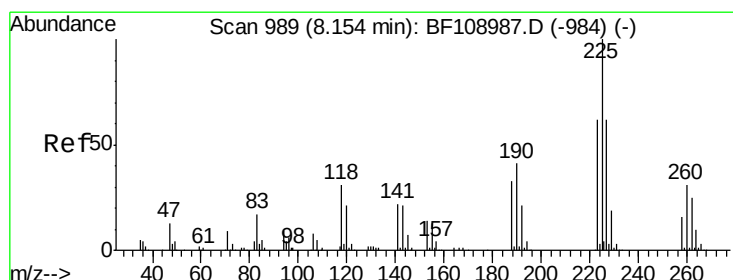
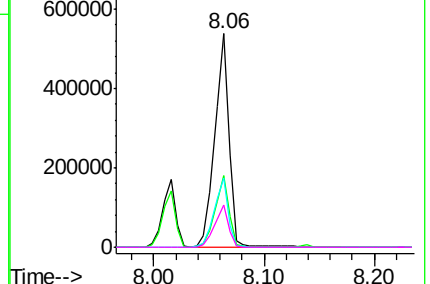
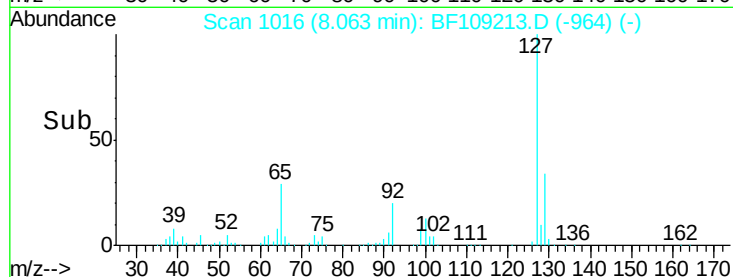


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 56.52 ng

RT: 8.14 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF109213.D

Acq: 22 Sep 2018 11:28

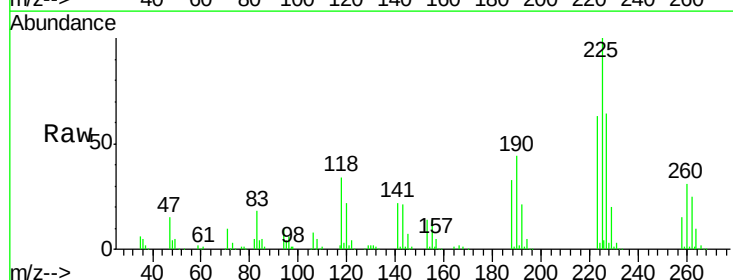
Tgt Ion:225 Resp: 220867

Ion Ratio Lower Upper

225 100

223 62.8 50.6 76.0

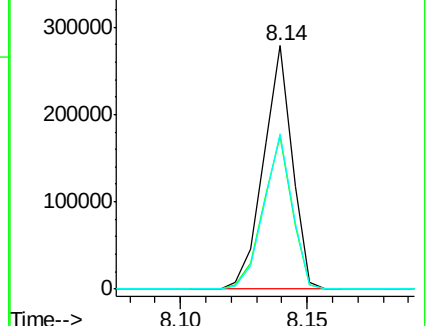
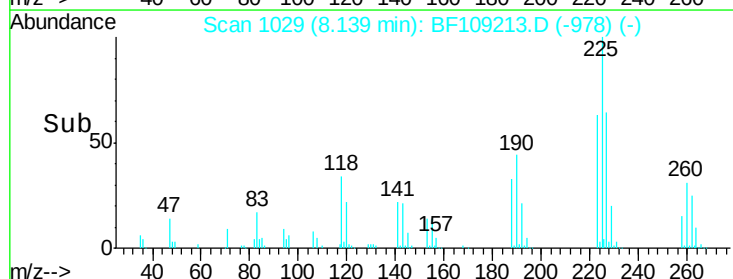
227 63.8 51.9 77.9

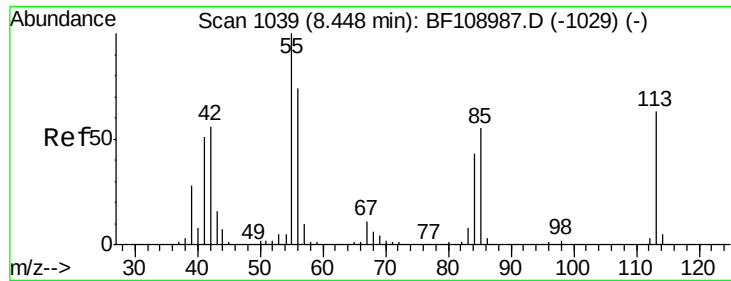


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

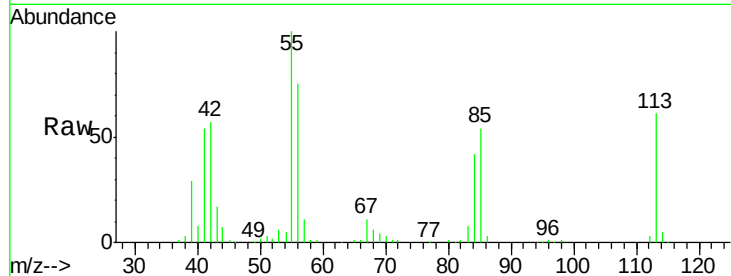




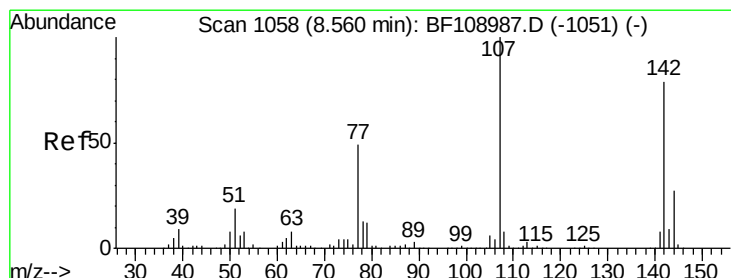
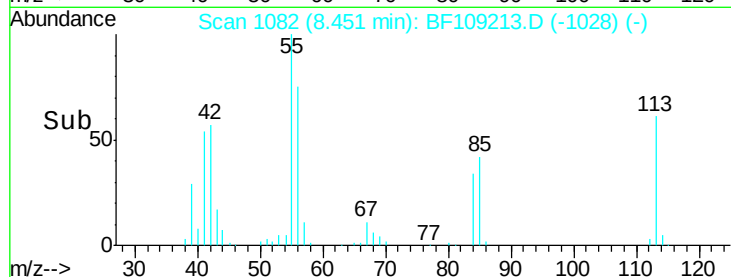
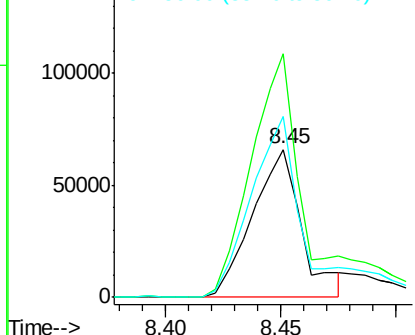
#35
 Caprolactam
 Concen: 50.32 ng
 RT: 8.45 min Scan# 1082
 Delta R.T. 0.02 min
 Lab File: BF109213.D
 Acq: 22 Sep 2018 11:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 97152
 Ion Ratio Lower Upper
 113 100
 55 164.6 163.3 203.3
 56 122.7 115.7 155.7

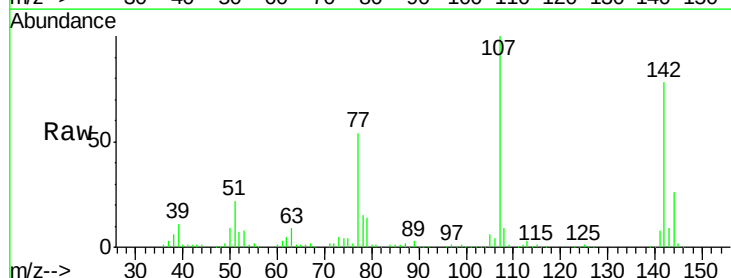


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

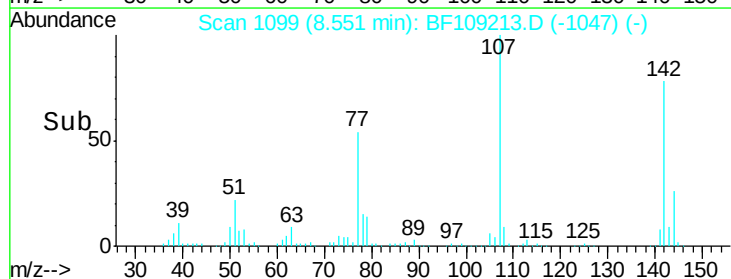
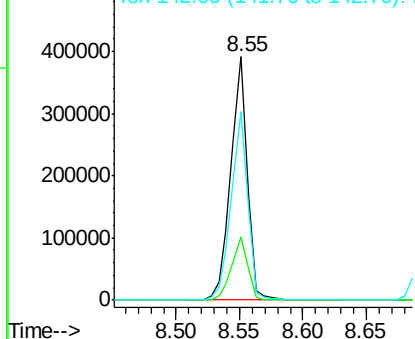


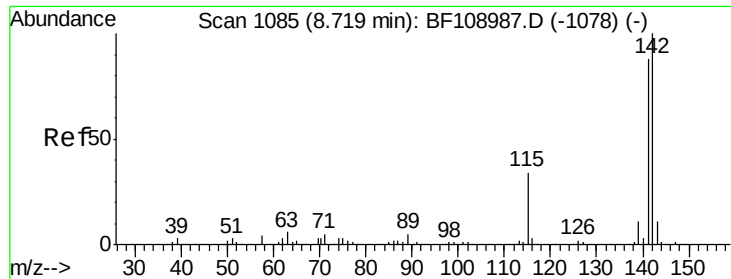
#36
 4-Chloro-3-methylphenol
 Concen: 56.74 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. 0.01 min
 Lab File: BF109213.D
 Acq: 22 Sep 2018 11:28

Tgt Ion:107 Resp: 353698
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.5 30.7
 142 77.5 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

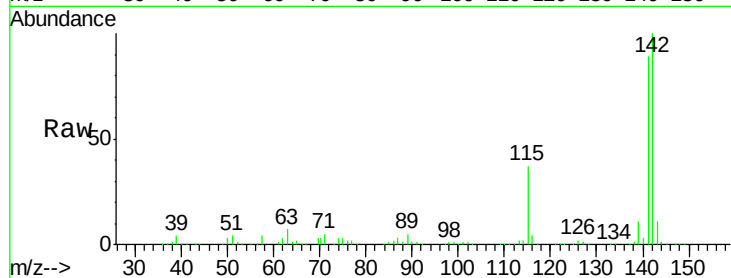




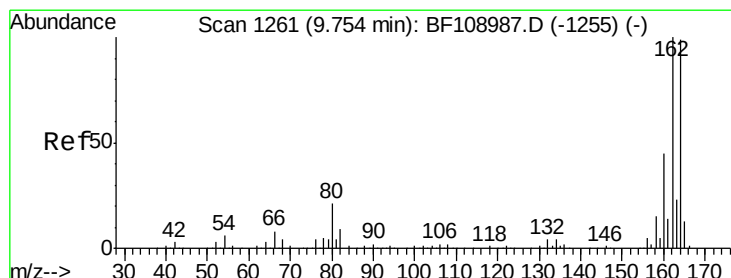
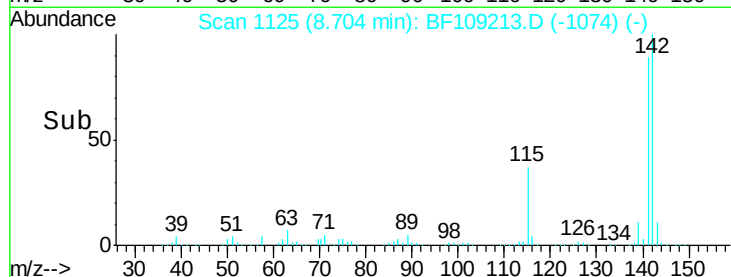
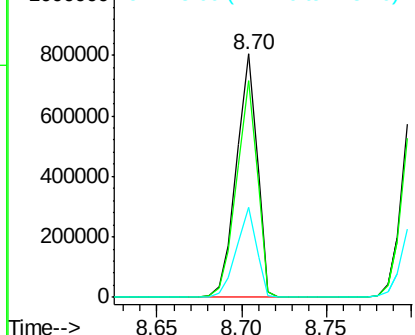
#37
2-Methylnaphthalene
Concen: 55.20 ng
RT: 8.70 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BF109213.D
Acq: 22 Sep 2018 11:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 689272
Ion Ratio Lower Upper
142 100
141 89.0 70.8 106.2
115 37.1 26.1 39.1

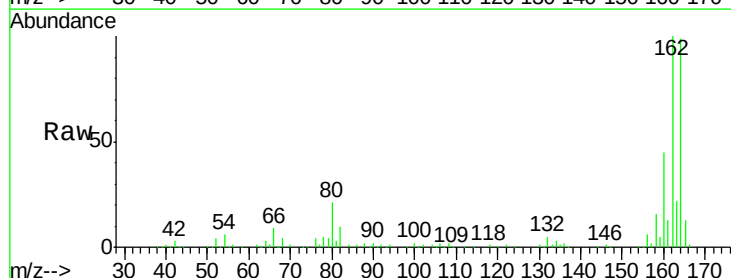


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

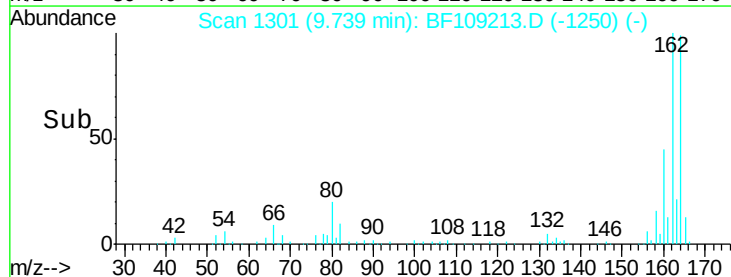
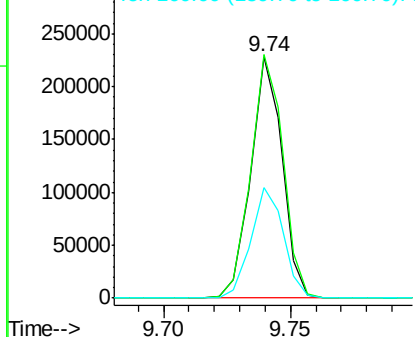


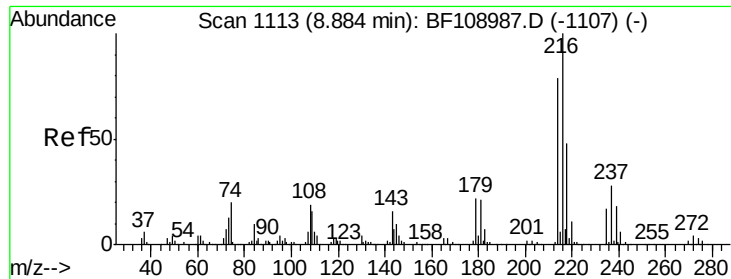
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF109213.D
Acq: 22 Sep 2018 11:28

Tgt Ion:164 Resp: 196848
Ion Ratio Lower Upper
164 100
162 100.9 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

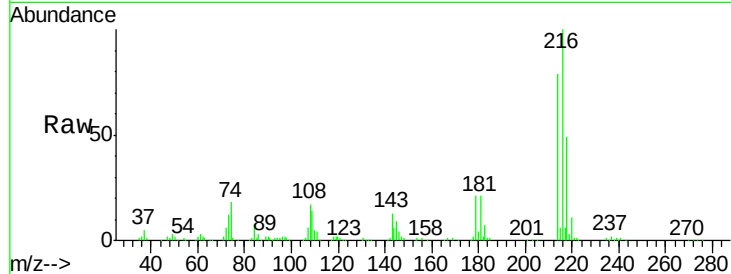




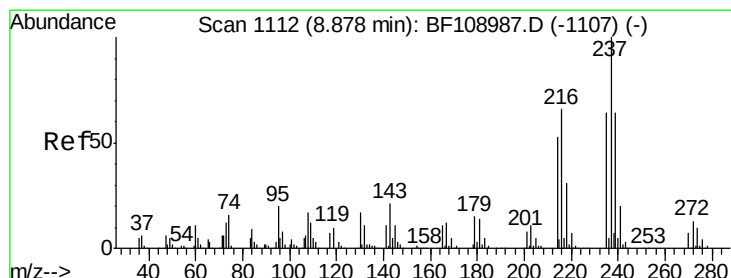
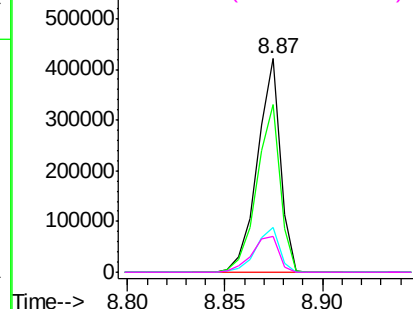
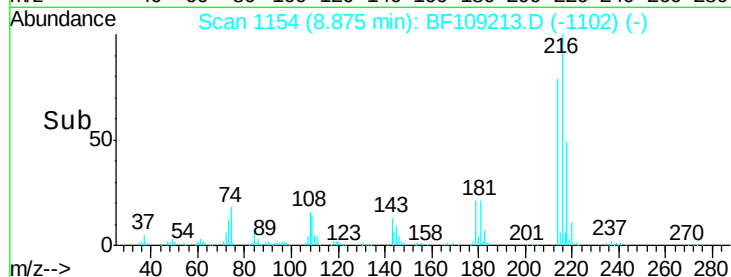
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 55.40 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. 0.01 min
 Lab File: BF109213.D
 Acq: 22 Sep 2018 11:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	343212
Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.0	94.4
179	21.5	18.1	27.1
108	19.8	17.2	25.8

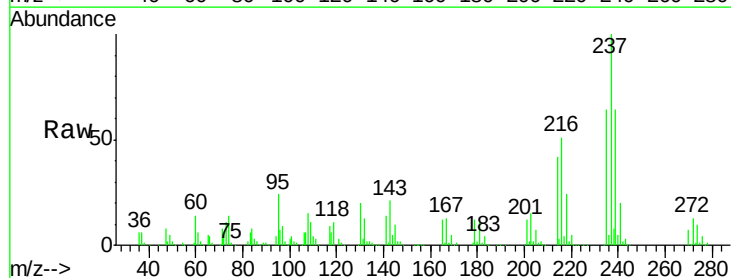


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

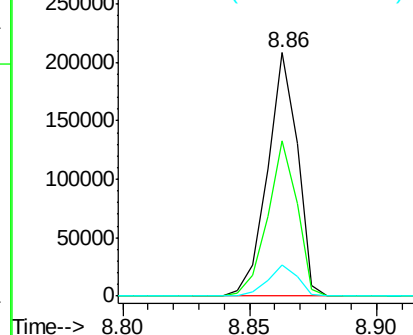
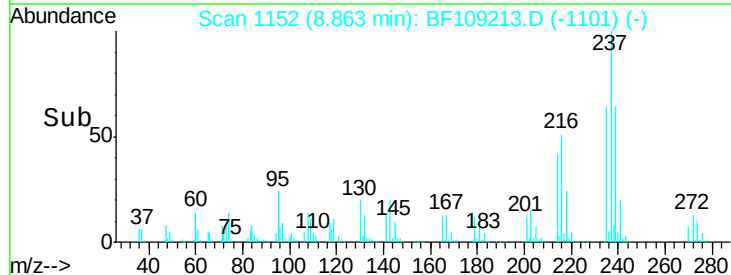


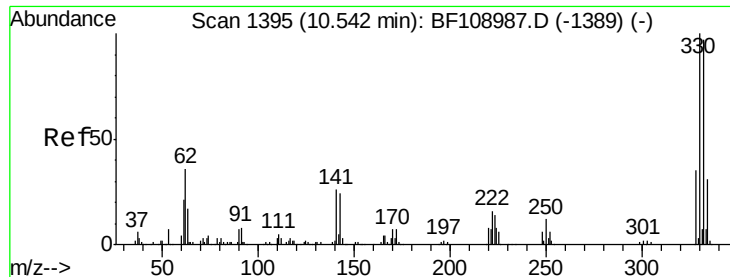
#40
 Hexachlorocyclopentadiene
 Concen: 55.24 ng
 RT: 8.86 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BF109213.D
 Acq: 22 Sep 2018 11:28

Tgt Ion:	237	Resp:	172421
Ion	Ratio	Lower	Upper
237	100		
235	64.0	44.8	84.8
272	13.0	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

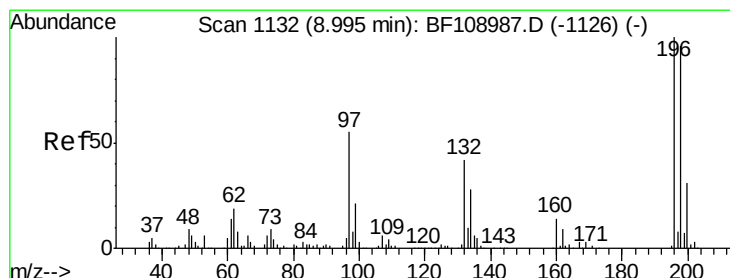
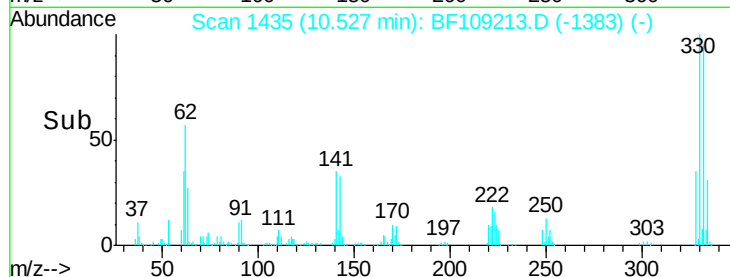
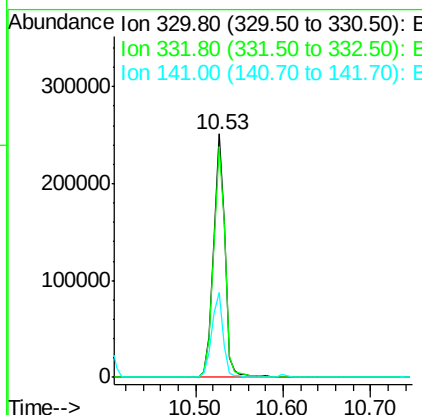
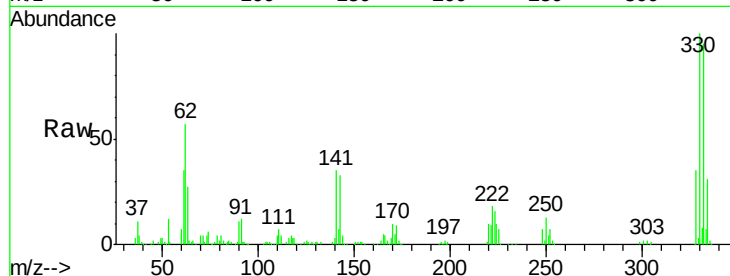




#41
 2,4,6-Tribromophenol
 Concen: 107.48 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. 0.01 min
 Lab File: BF109213.D
 Acq: 22 Sep 2018 11:28

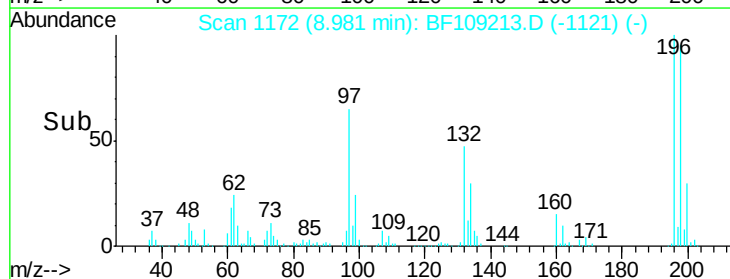
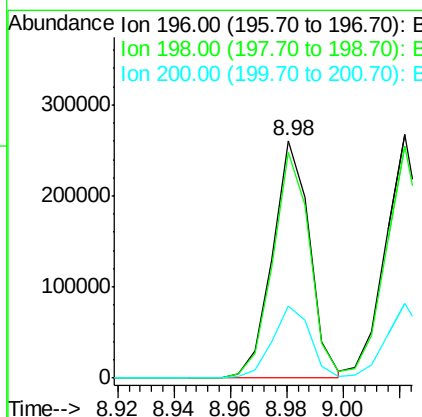
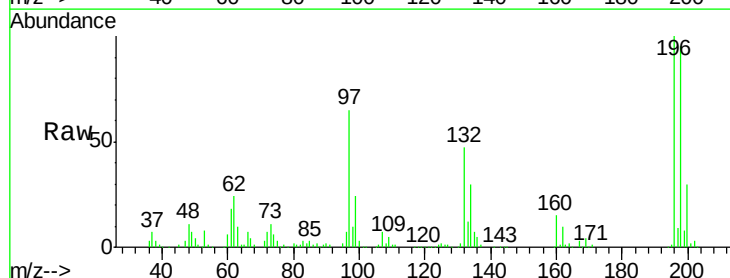
Instrument :
 BNA_F
 ClientSampleId :

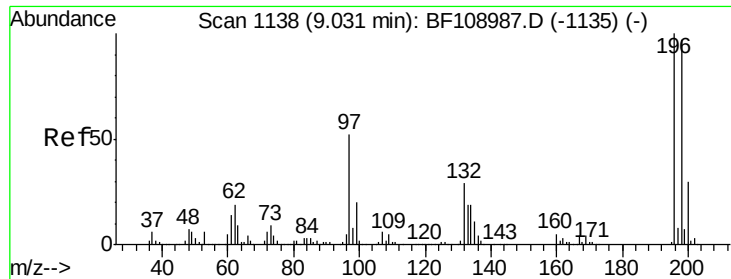
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	34.9	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 57.01 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. 0.00 min
 Lab File: BF109213.D
 Acq: 22 Sep 2018 11:28

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.1	75.7	113.5
200	30.3	24.5	36.7

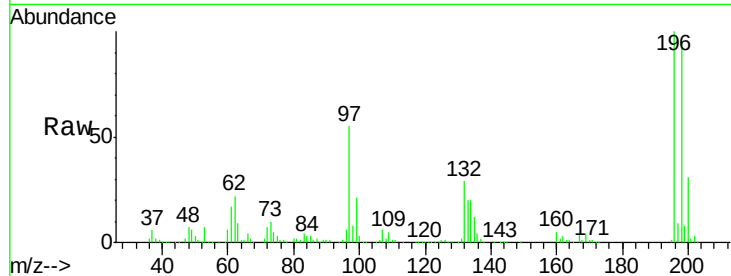




#43
 2,4,5-Trichlorophenol
 Concen: 56.99 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: BF109213.D
 Acq: 22 Sep 2018 11:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.2	74.6	112.0
97	55.1	42.9	64.3
132	29.5	26.3	39.5



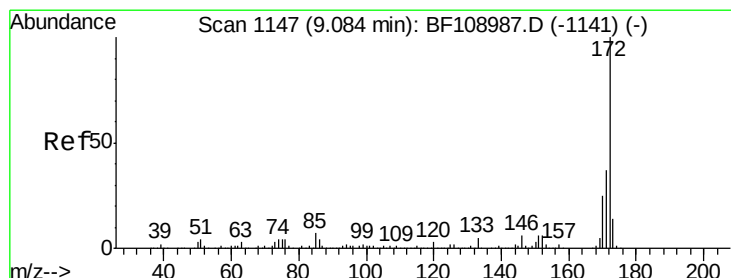
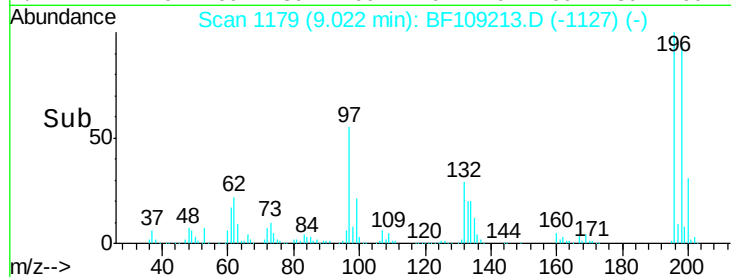
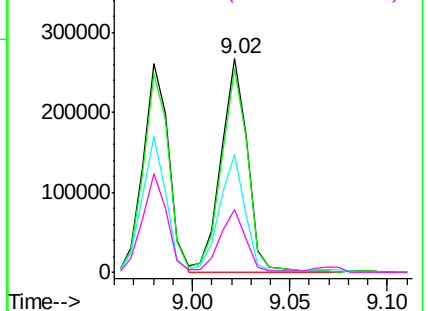
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

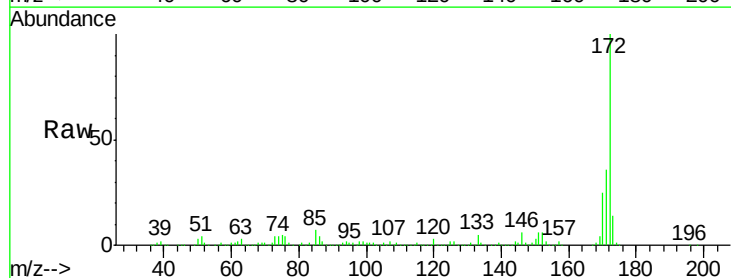
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 114.62 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.00 min
 Lab File: BF109213.D
 Acq: 22 Sep 2018 11:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.5	19.6	29.4

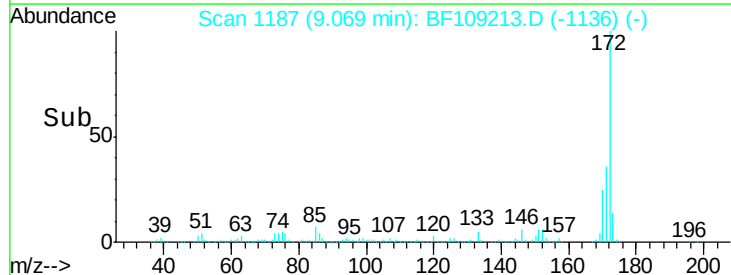
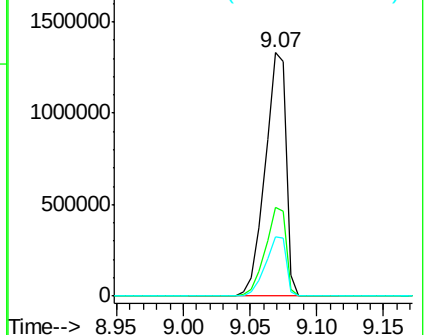


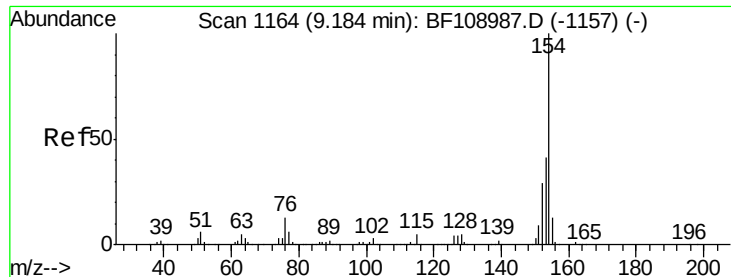
Abundance

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: 56.22 ng

RT: 9.17 min Scan# 1204

Delta R.T. 0.00 min

Lab File: BF109213.D

Acq: 22 Sep 2018 11:28

Instrument :

BNA_F

ClientSampled :

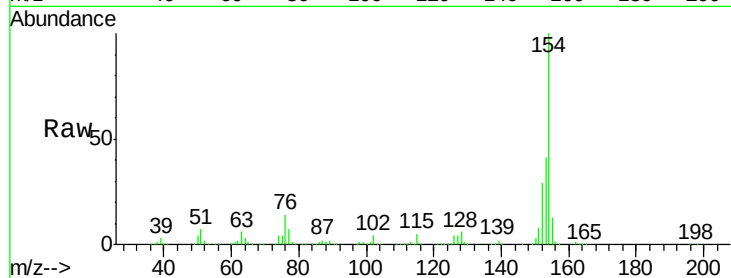
Tot Ion:154 Resp: 885400

Ion Ratio Lower Upper

154 100

153 41.0 21.3 61.3

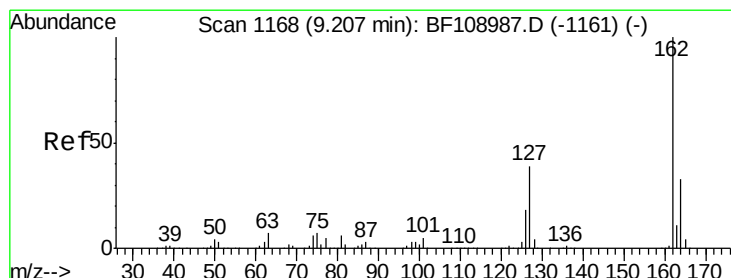
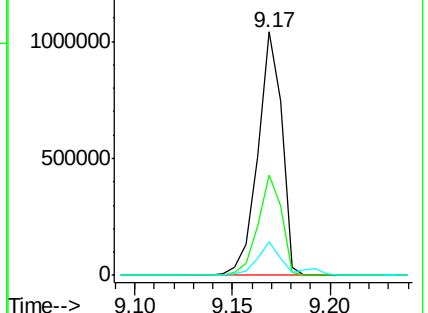
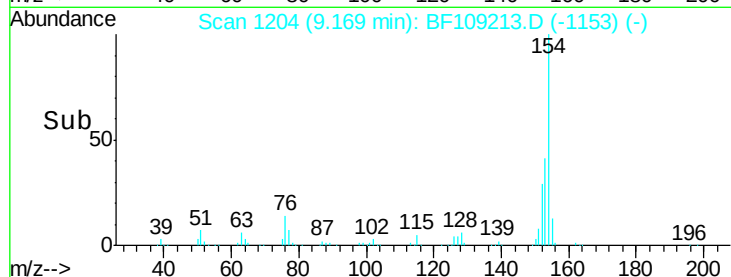
76 13.8 0.0 34.0



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): BF1



#46

2-Chloronaphthalene

Concen: 56.15 ng

RT: 9.19 min Scan# 1208

Delta R.T. 0.01 min

Lab File: BF109213.D

Acq: 22 Sep 2018 11:28

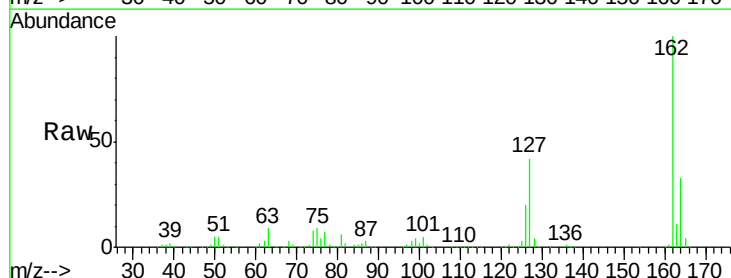
Tgt Ion:162 Resp: 708208

Ion Ratio Lower Upper

162 100

127 41.5 33.9 50.9

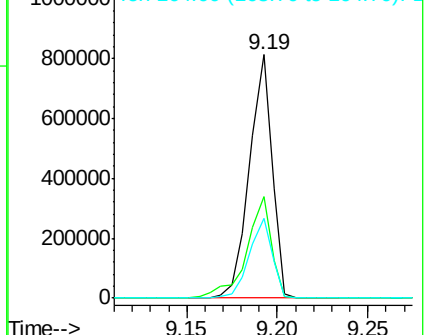
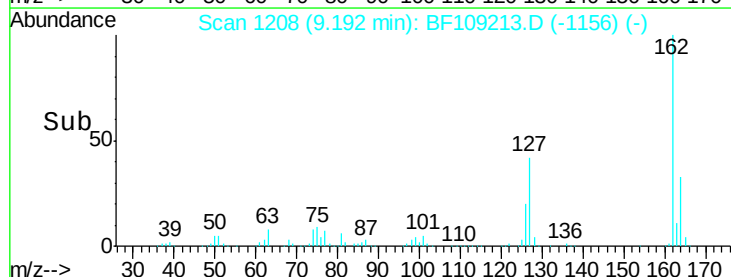
164 32.6 26.5 39.7

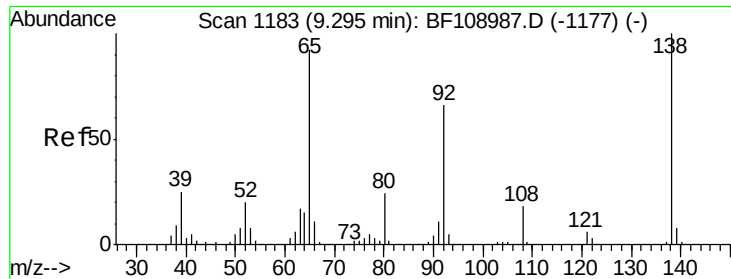


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

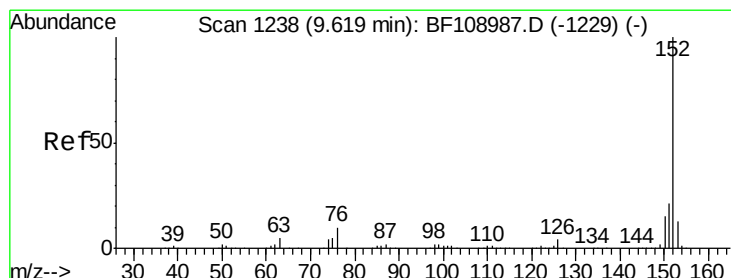
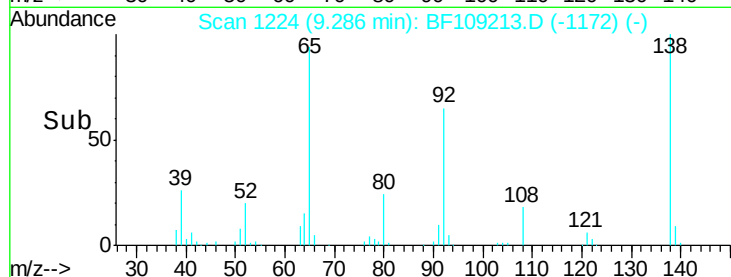
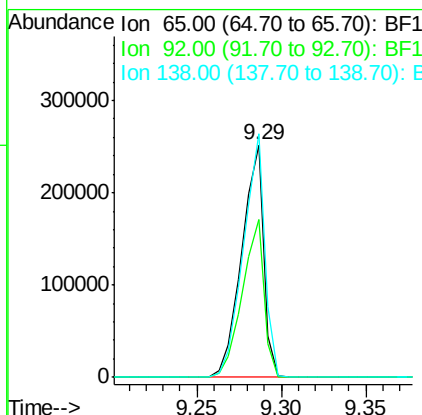
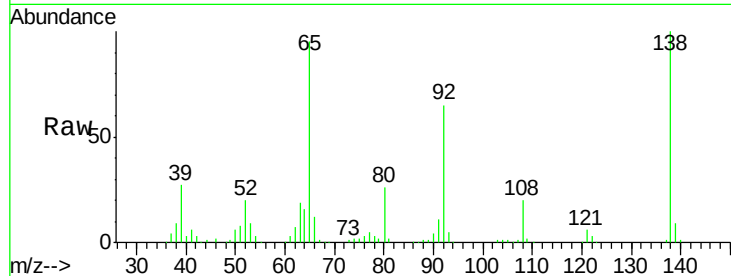




#47
2-Nitroaniline
Concen: 58.84 ng
RT: 9.29 min Scan# 1224
Delta R.T. 0.01 min
Lab File: BF109213.D
Acq: 22 Sep 2018 11:28

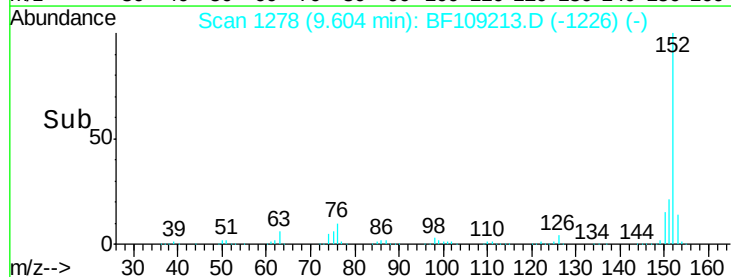
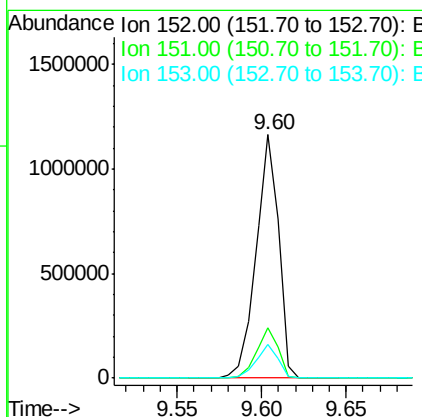
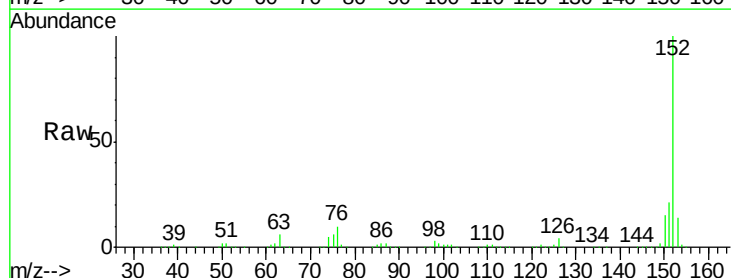
Instrument :
BNA_F
ClientSampleId :

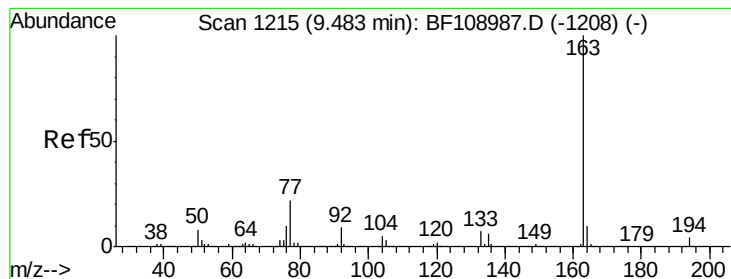
Tot Ion: 65 Resp: 228133
Ion Ratio Lower Upper
65 100
92 68.0 55.8 83.6
138 104.8 91.2 136.8



#48
Acenaphthylene
Concen: 56.73 ng
RT: 9.60 min Scan# 1278
Delta R.T. 0.01 min
Lab File: BF109213.D
Acq: 22 Sep 2018 11:28

Tgt Ion: 152 Resp: 1078721
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5
153 13.7 10.7 16.1





#49

Dimethylphthalate

Concen: 57.26 ng

RT: 9.47 min Scan# 1256

Delta R.T. 0.01 min

Lab File: BF109213.D

Acq: 22 Sep 2018 11:28

Instrument :

BNA_F

ClientSampleId :

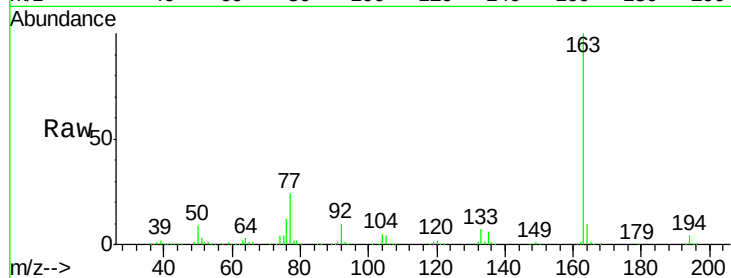
Tot Ion:163 Resp: 805560

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

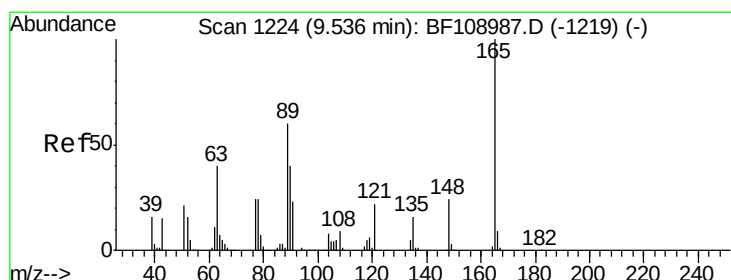
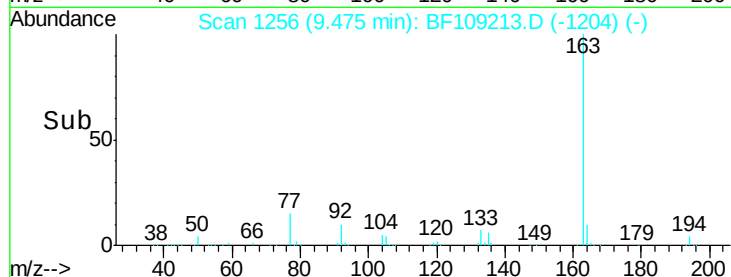
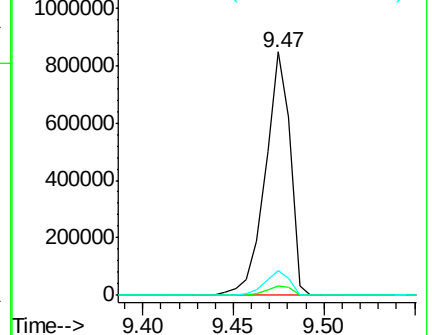
164 10.2 8.2 12.2



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: 57.22 ng

RT: 9.53 min Scan# 1265

Delta R.T. 0.01 min

Lab File: BF109213.D

Acq: 22 Sep 2018 11:28

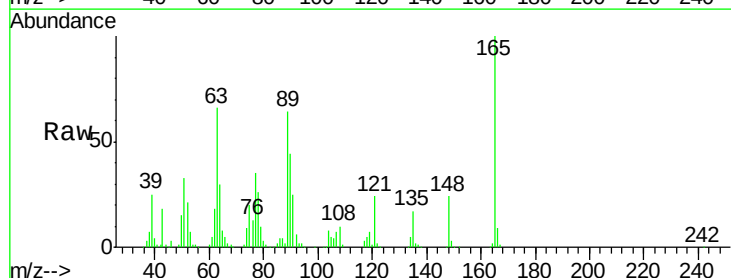
Tgt Ion:165 Resp: 178532

Ion Ratio Lower Upper

165 100

63 66.5 44.7 67.1

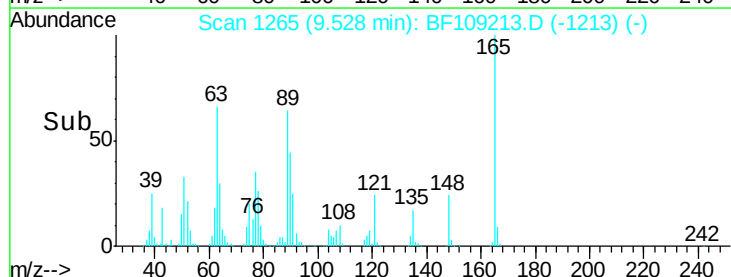
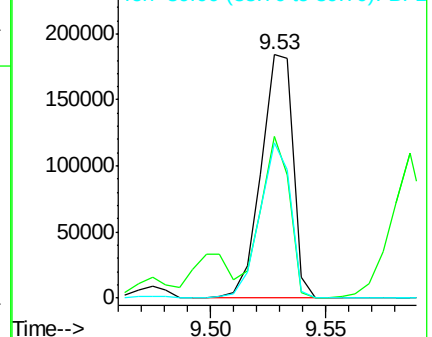
89 63.9 44.0 66.0

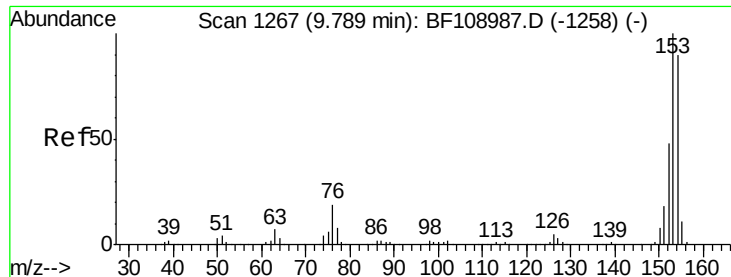


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 56.50 ng

RT: 9.77 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BF109213.D

Acq: 22 Sep 2018 11:28

Instrument :

BNA_F

ClientSampleId :

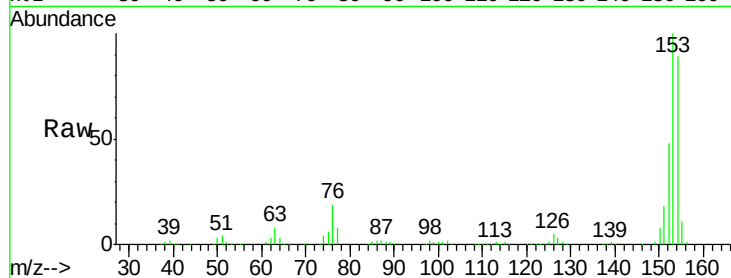
Tot Ion:154 Resp: 668996

Ion Ratio Lower Upper

154 100

153 112.1 91.2 136.8

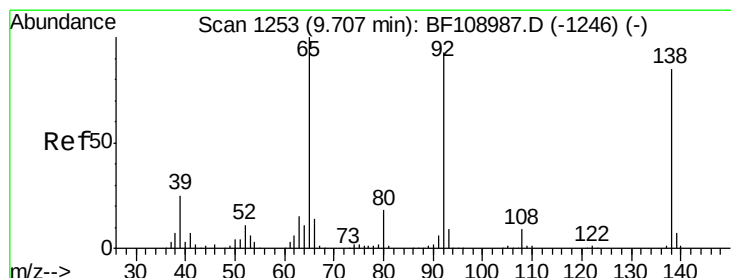
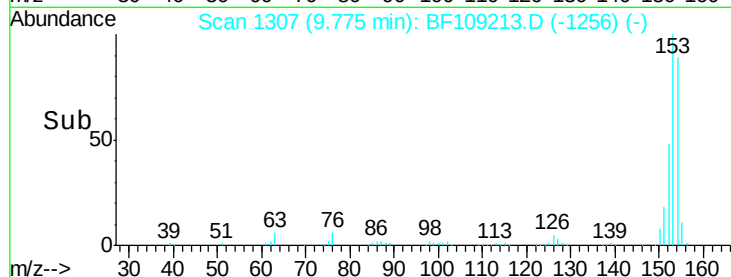
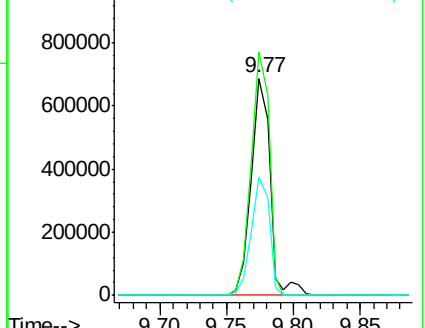
152 54.2 43.8 65.8



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: 55.95 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.01 min

Lab File: BF109213.D

Acq: 22 Sep 2018 11:28

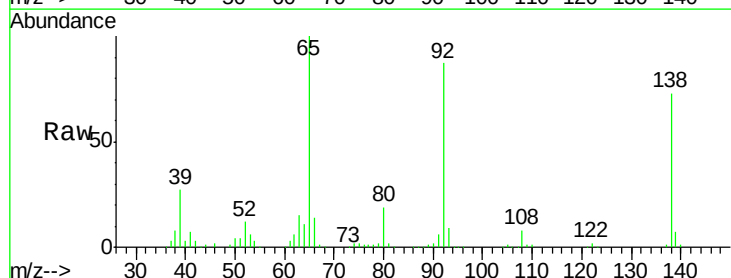
Tgt Ion:138 Resp: 205564

Ion Ratio Lower Upper

138 100

108 11.4 9.4 14.0

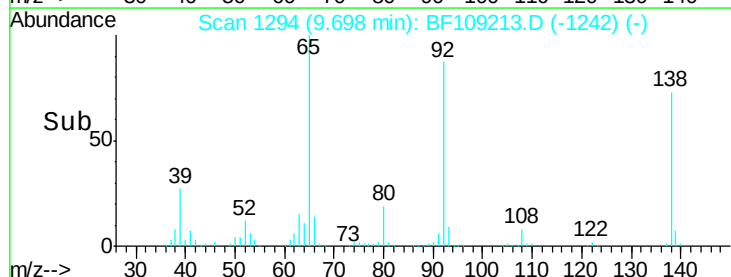
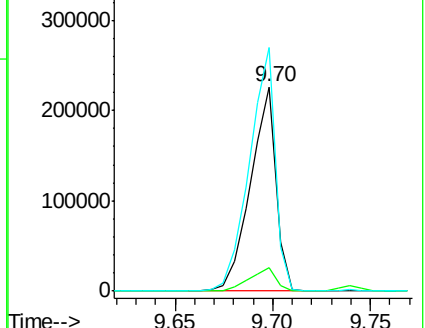
92 119.3 89.4 134.2

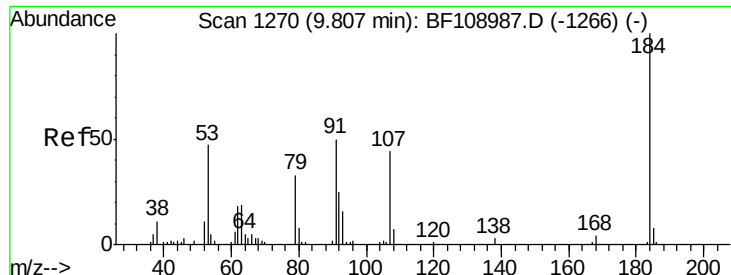


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

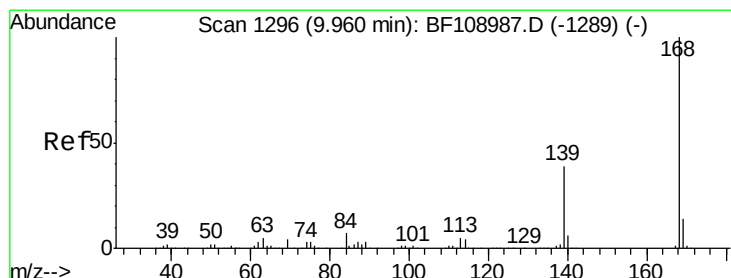
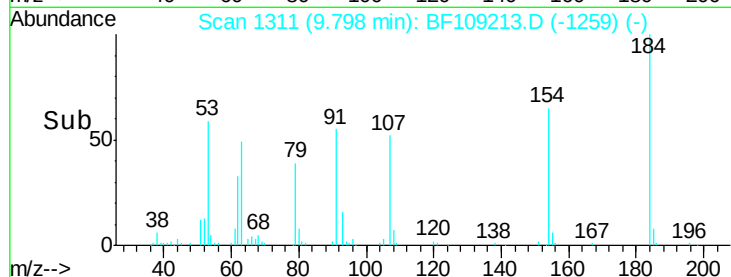
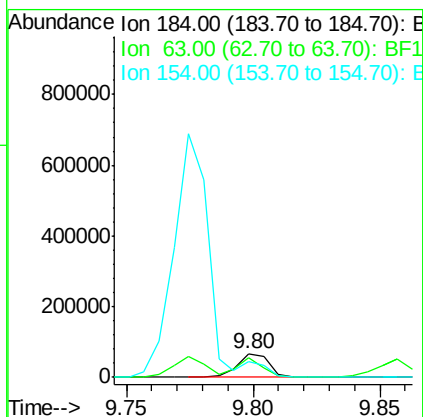
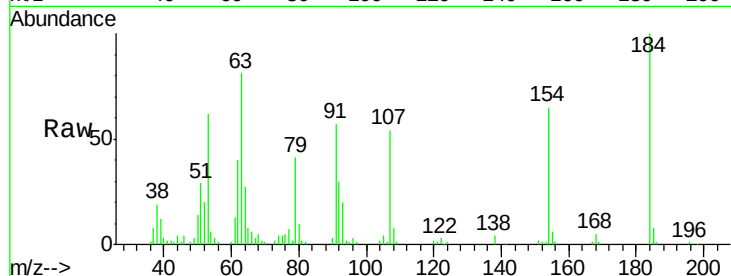




#53
 2,4-Dinitrophenol
 Concen: 48.52 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. 0.01 min
 Lab File: BF109213.D
 Acq: 22 Sep 2018 11:28

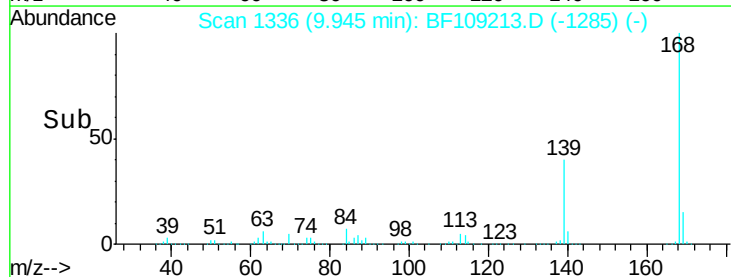
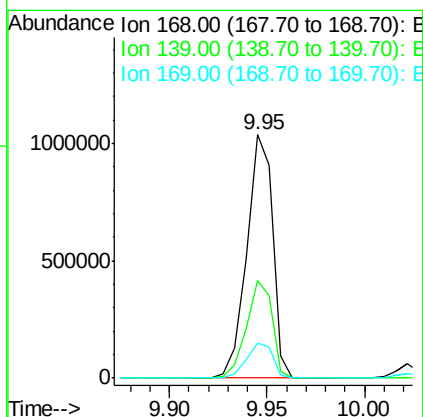
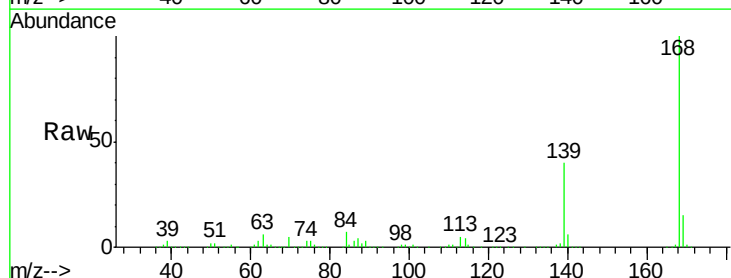
Instrument :
 BNA_F
 ClientSampled :

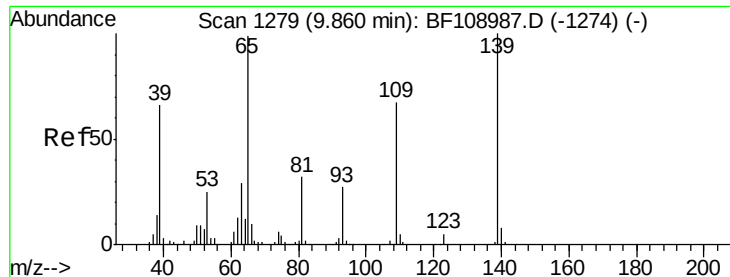
Tot Ion:184 Resp: 58340
 Ion Ratio Lower Upper
 184 100
 63 81.0 54.2 81.2
 154 65.1 184.0 276.0#



#54
 Dibenzofuran
 Concen: 55.64 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: BF109213.D
 Acq: 22 Sep 2018 11:28

Tgt Ion:168 Resp: 952097
 Ion Ratio Lower Upper
 168 100
 139 40.4 30.1 45.1
 169 14.5 10.9 16.3

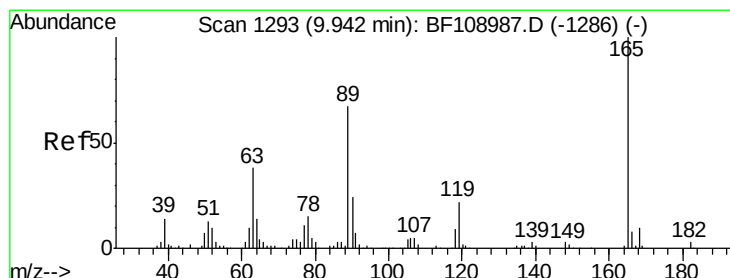
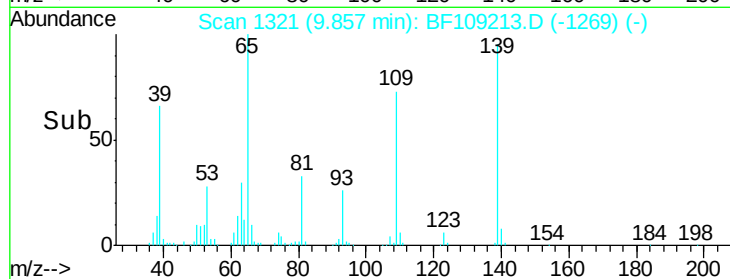
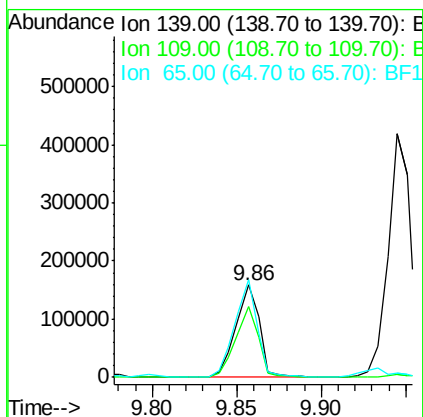
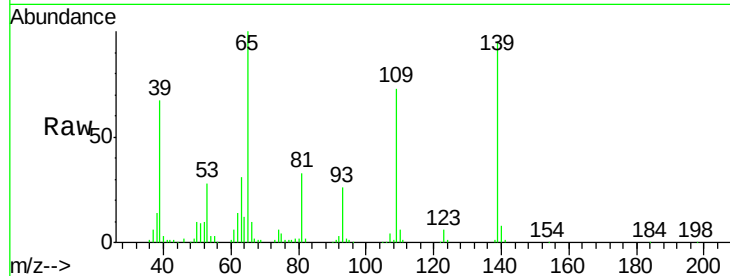




#55
4-Nitrophenol
Concen: 57.51 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.01 min
Lab File: BF109213.D
Acq: 22 Sep 2018 11:28

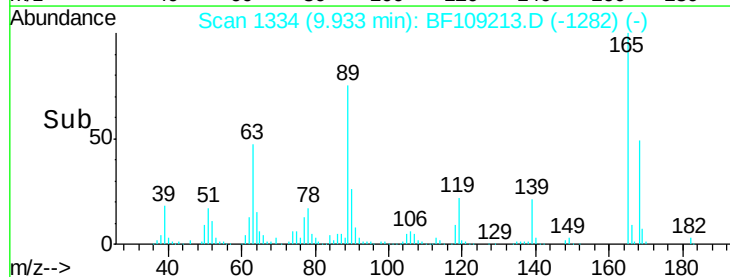
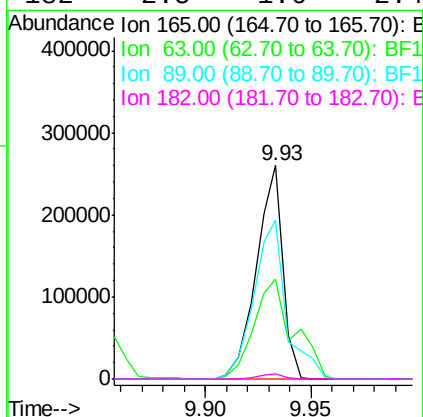
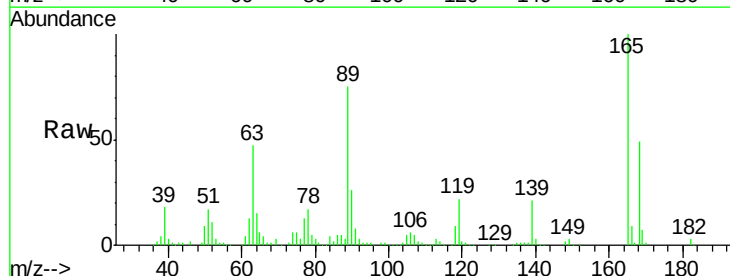
Instrument :
BNA_F
ClientSampleId :

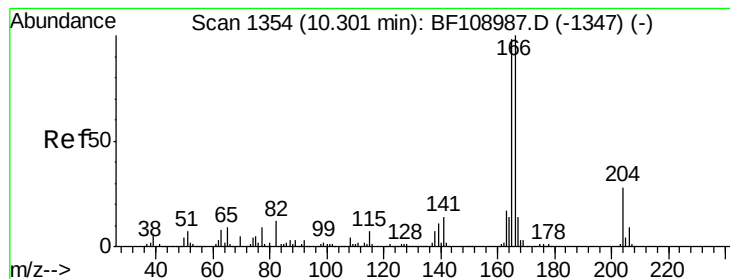
Tot Ion:139 Resp: 155686
Ion Ratio Lower Upper
139 100
109 76.8 48.4 88.4
65 105.4 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 55.46 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BF109213.D
Acq: 22 Sep 2018 11:28

Tgt Ion:165 Resp: 226307
Ion Ratio Lower Upper
165 100
63 46.9 36.4 54.6
89 74.5 57.8 86.6
182 2.5 1.6 2.4#





#57

Fluorene

Concen: 58.27 ng

RT: 10.29 min Scan# 1394

Delta R.T. 0.00 min

Lab File: BF109213.D

Acq: 22 Sep 2018 11:28

Instrument :

BNA_F

ClientSampleId :

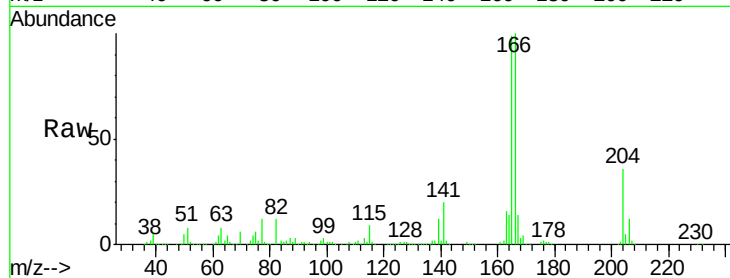
Tot Ion:166 Resp: 664469

Ion Ratio Lower Upper

166 100

165 99.1 79.8 119.8

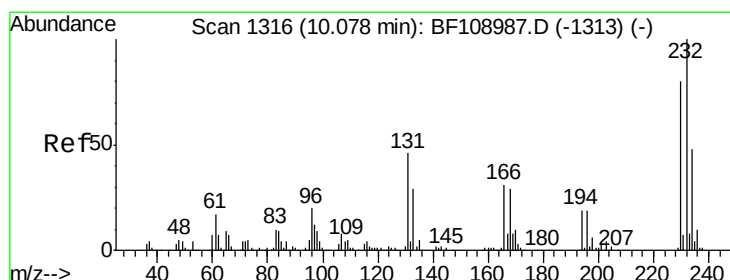
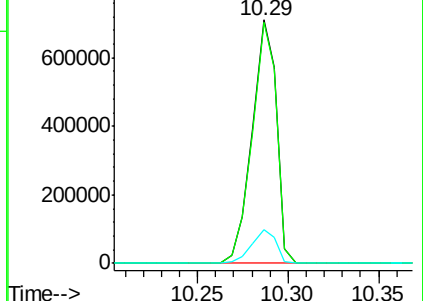
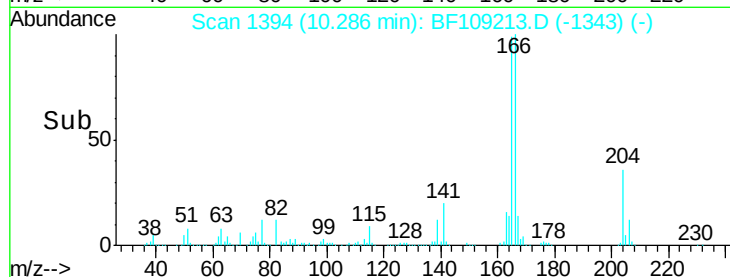
167 13.9 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 56.17 ng

RT: 10.07 min Scan# 1357

Delta R.T. 0.01 min

Lab File: BF109213.D

Acq: 22 Sep 2018 11:28

Tgt Ion:232 Resp: 202395

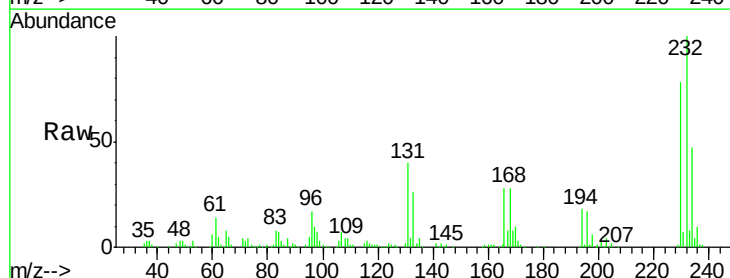
Ion Ratio Lower Upper

232 100

131 48.3 43.8 65.8

130 2.4 2.1 3.1

166 31.4 27.8 41.6

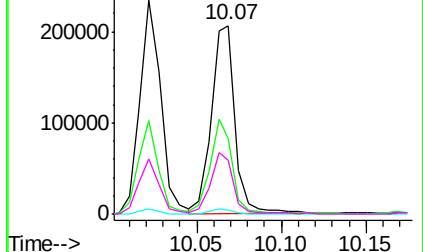
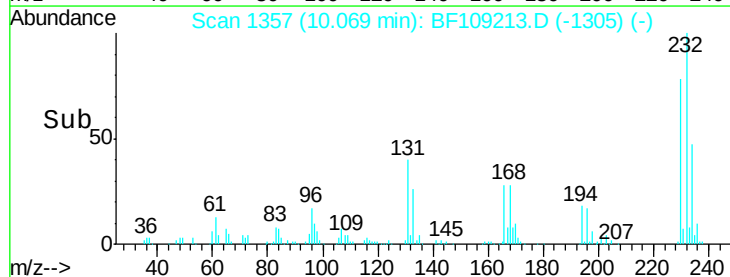


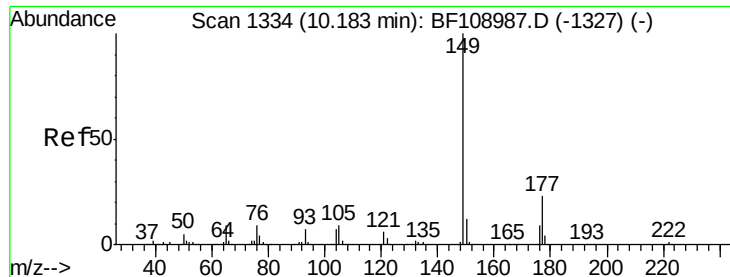
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

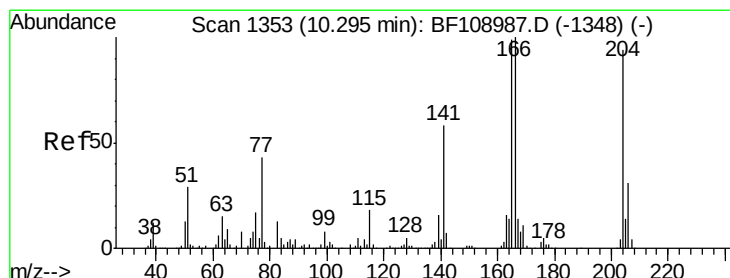
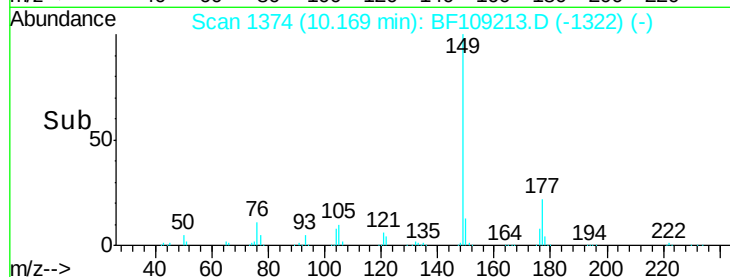
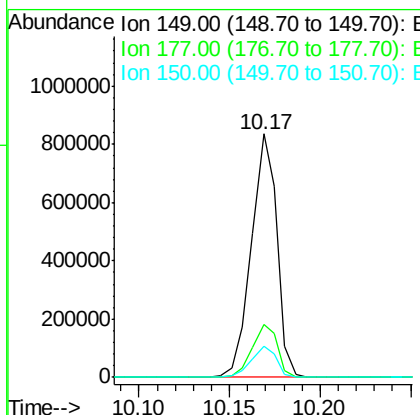
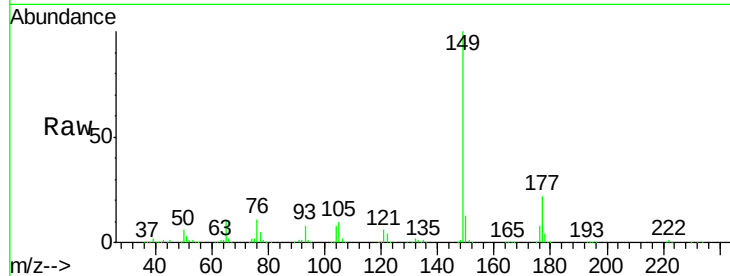




#59
Diethylphthalate
Concen: 57.60 ng
RT: 10.17 min Scan# 1374
Delta R.T. 0.01 min
Lab File: BF109213.D
Acq: 22 Sep 2018 11:28

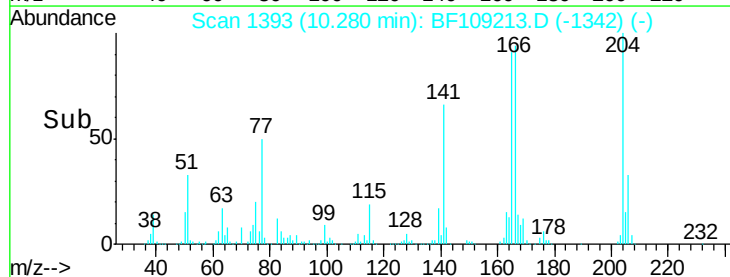
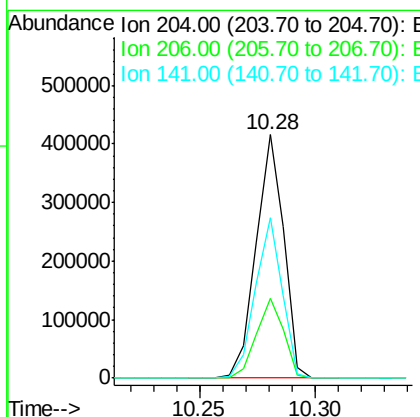
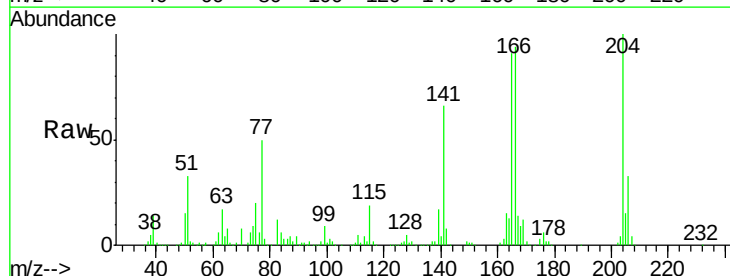
Instrument :
BNA_F
ClientSampled :

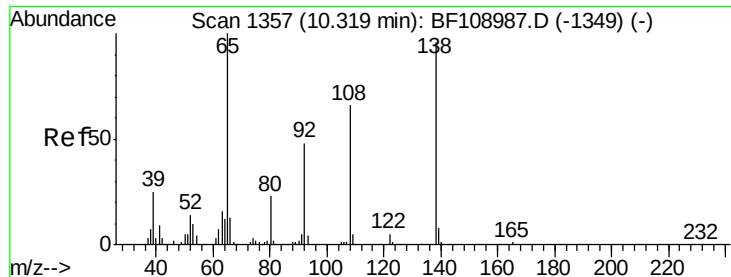
Tot Ion:149 Resp: 818358
Ion Ratio Lower Upper
149 100
177 21.5 16.1 24.1
150 12.7 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 56.96 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.00 min
Lab File: BF109213.D
Acq: 22 Sep 2018 11:28

Tgt Ion:204 Resp: 347805
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 65.6 54.6 81.8

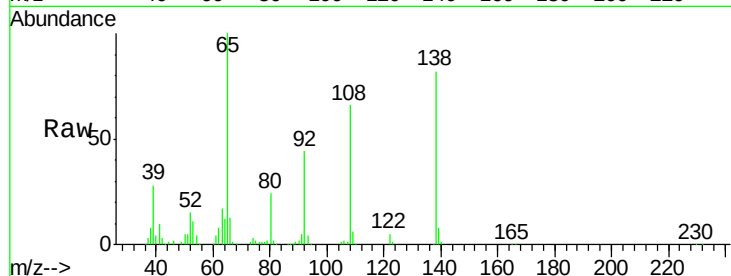




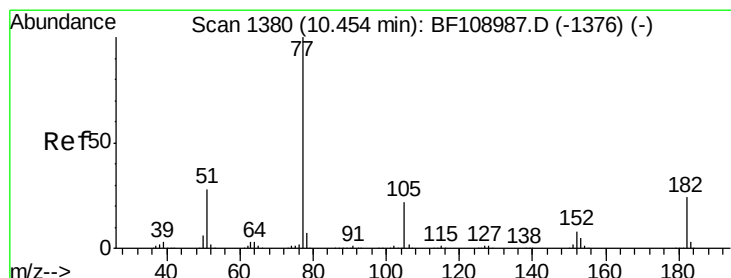
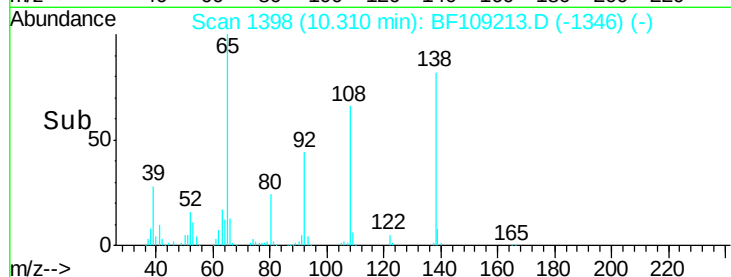
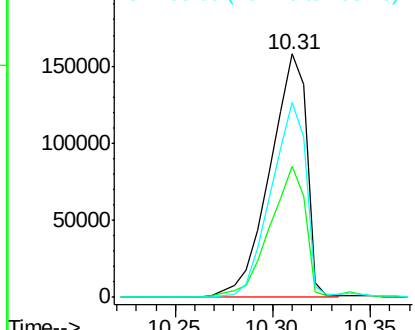
#61
4-Nitroaniline
Concen: 58.94 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.01 min
Lab File: BF109213.D
Acq: 22 Sep 2018 11:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 205745
Ion Ratio Lower Upper
138 100
92 53.8 30.2 70.2
108 80.2 52.5 92.5

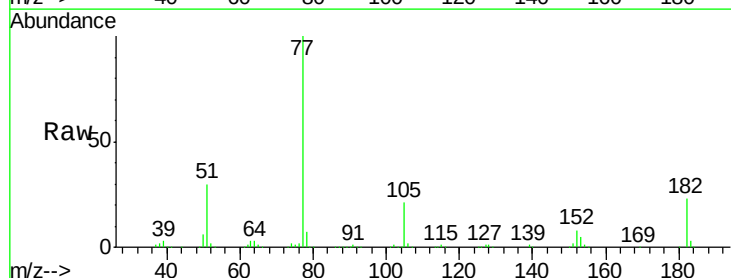


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

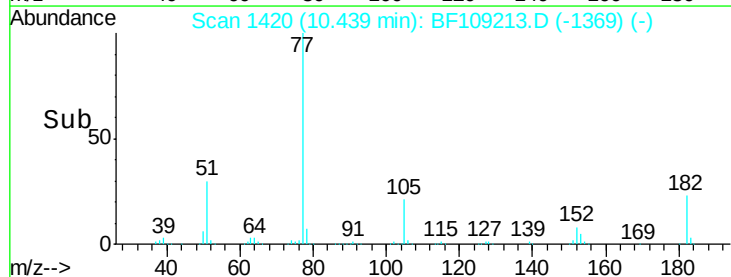
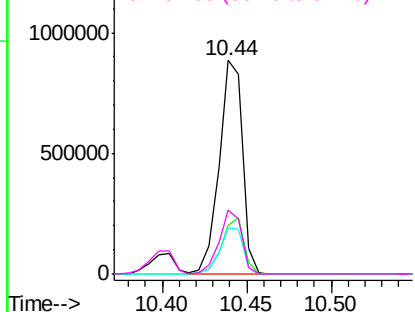


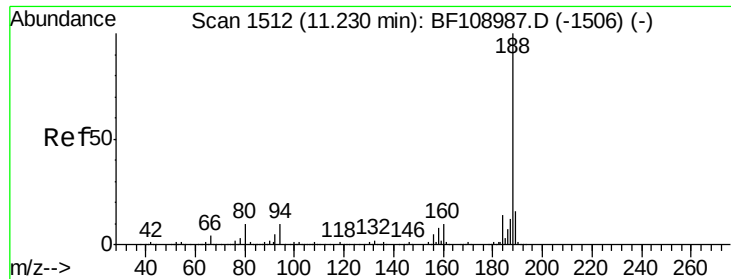
#62
Azobenzene
Concen: 58.37 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.00 min
Lab File: BF109213.D
Acq: 22 Sep 2018 11:28

Tgt Ion: 77 Resp: 848841
Ion Ratio Lower Upper
77 100
182 22.9 1.7 41.7
105 21.4 3.0 43.0
51 30.1 9.9 49.9



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

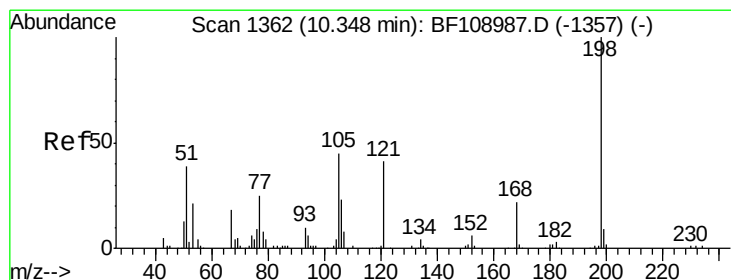
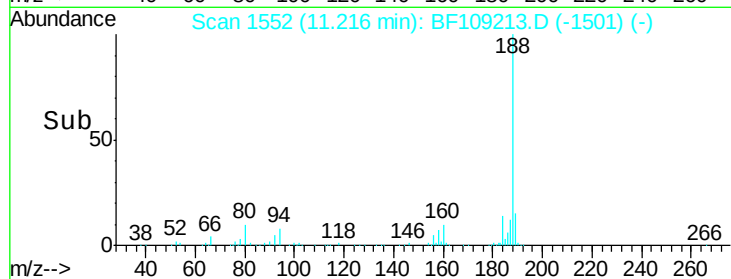
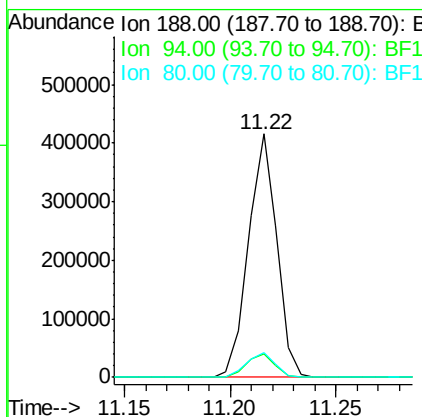
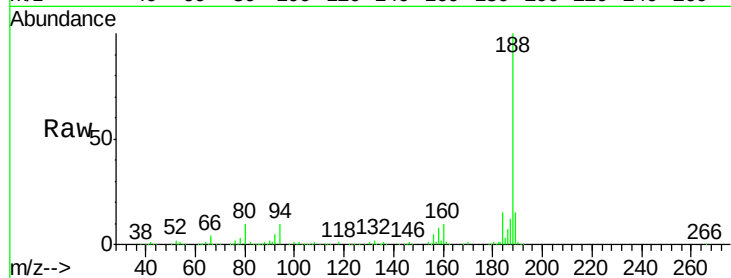




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109213.D
Acq: 22 Sep 2018 11:28

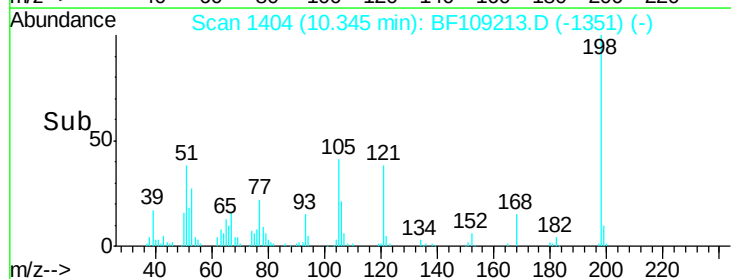
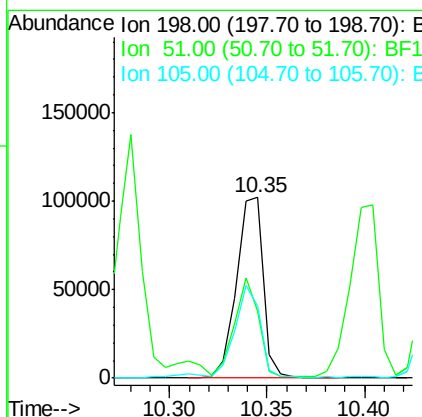
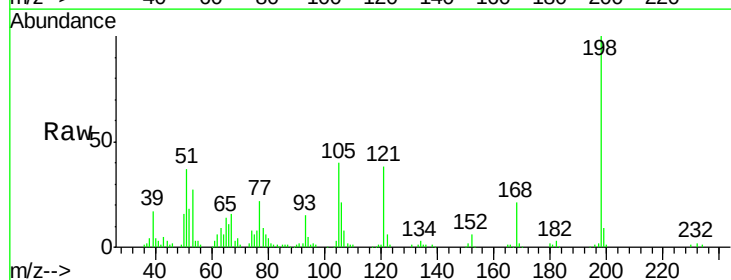
Instrument :
BNA_F
ClientSampleId :

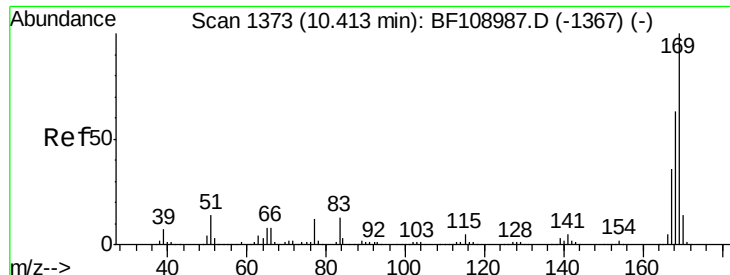
Tot Ion:188 Resp: 386740
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 10.4 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 52.56 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BF109213.D
Acq: 22 Sep 2018 11:28

Tgt Ion:198 Resp: 97261
Ion Ratio Lower Upper
198 100
51 37.1 37.7 77.7#
105 40.2 36.3 76.3

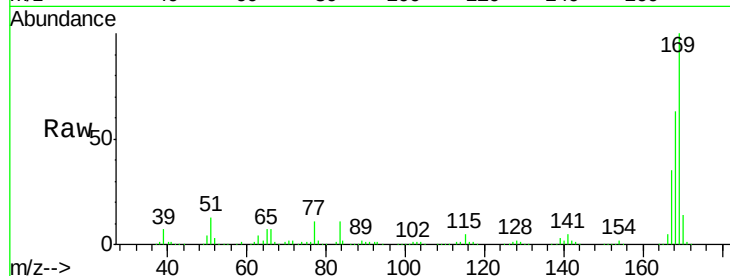




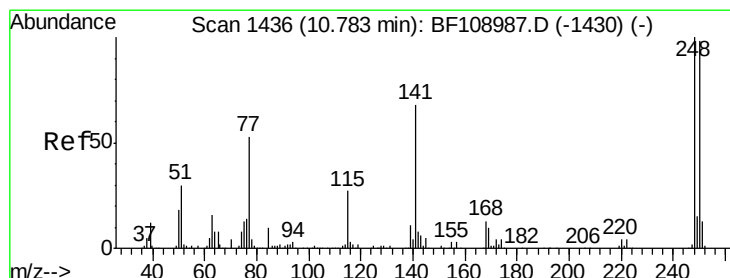
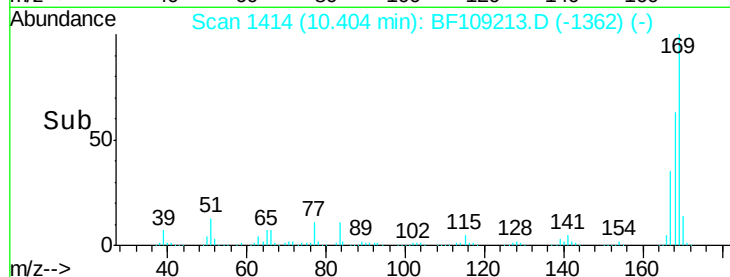
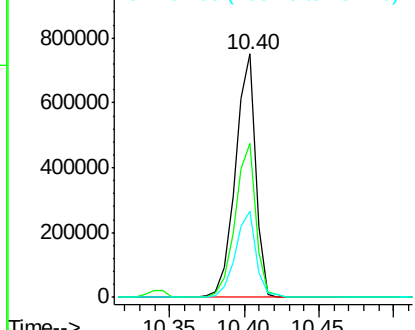
#65
 n-Nitrosodiphenylamine
 Concen: 56.46 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. 0.01 min
 Lab File: BF109213.D
 Acq: 22 Sep 2018 11:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 714262
 Ion Ratio Lower Upper
 169 100
 168 63.5 54.4 81.6
 167 35.2 29.8 44.6

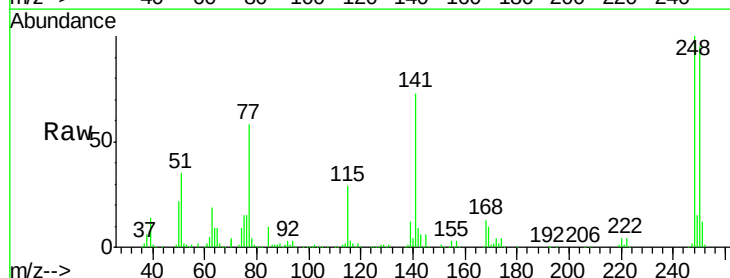


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

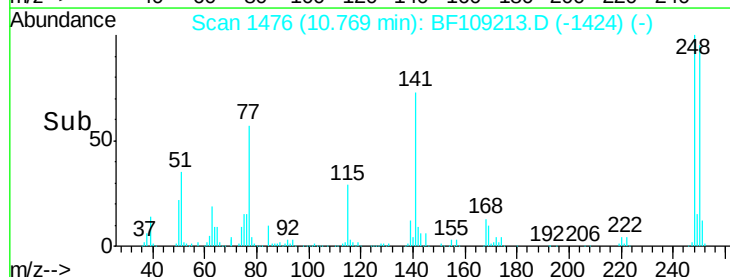
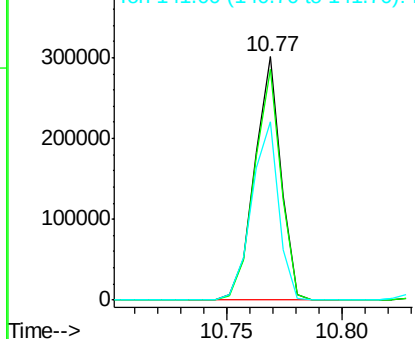


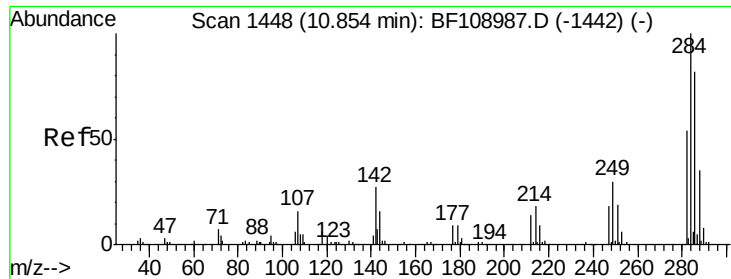
#66
 4-Bromophenyl-phenylether
 Concen: 54.94 ng
 RT: 10.77 min Scan# 1476
 Delta R.T. 0.01 min
 Lab File: BF109213.D
 Acq: 22 Sep 2018 11:28

Tgt Ion:248 Resp: 239539
 Ion Ratio Lower Upper
 248 100
 250 95.0 76.9 115.3
 141 73.3 74.4 111.6#



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





#67

Hexachlorobenzene

Concen: 54.65 ng

RT: 10.84 min Scan# 1488

Delta R.T. 0.01 min

Lab File: BF109213.D

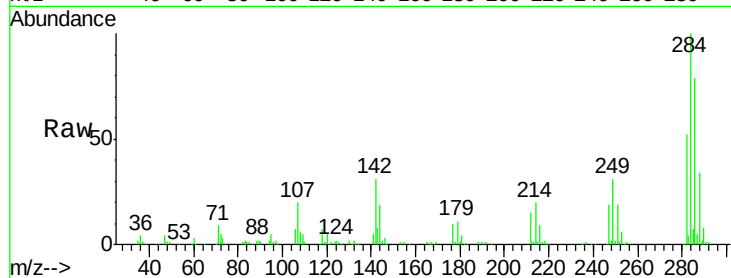
Acq: 22 Sep 2018 11:28

Instrument :

BNA_F

ClientSampleId :

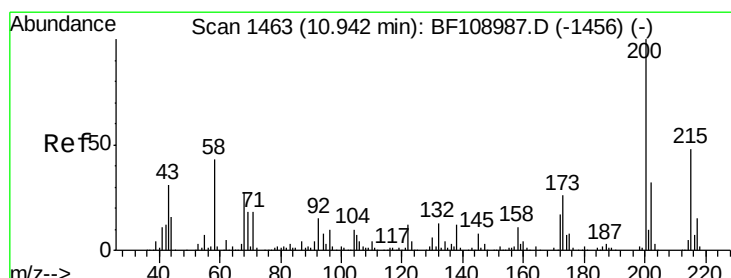
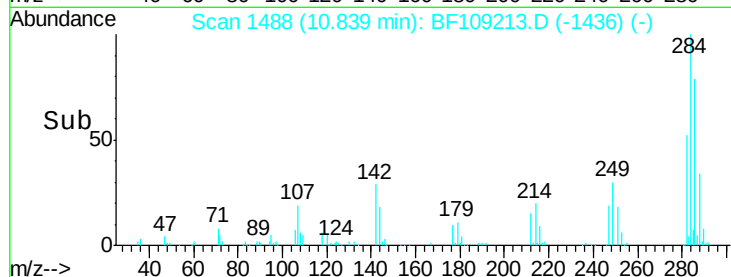
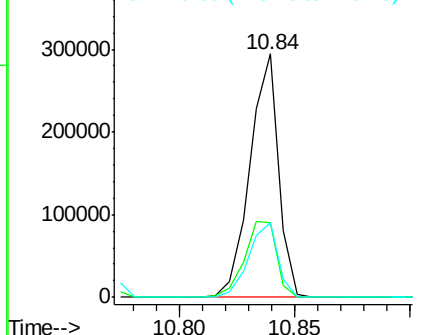
Tot Ion:	284	Resp:	254879
Ion	Ratio	Lower	Upper
284	100		
142	30.7	34.6	52.0#
249	30.6	24.8	37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 55.19 ng

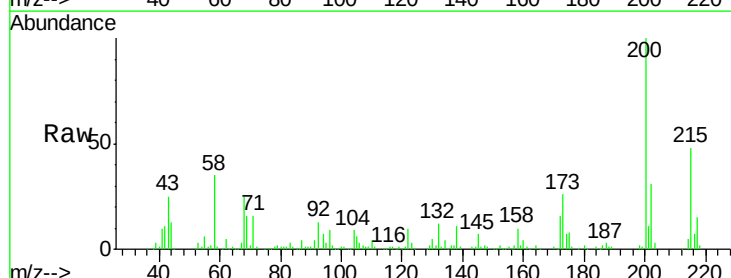
RT: 10.93 min Scan# 1504

Delta R.T. 0.01 min

Lab File: BF109213.D

Acq: 22 Sep 2018 11:28

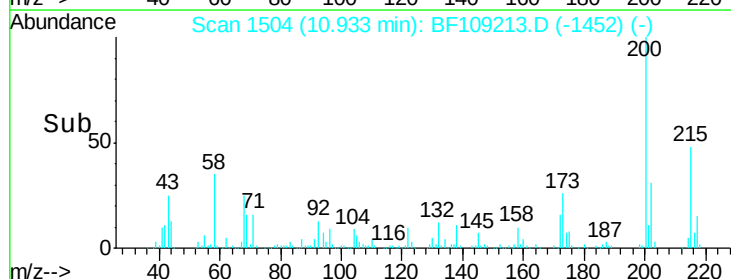
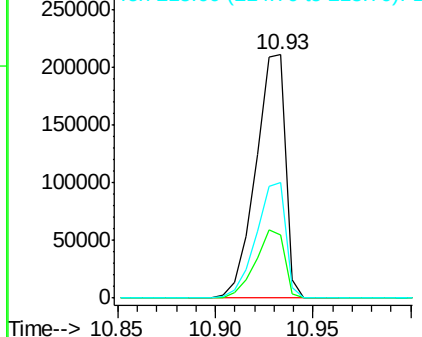
Tgt Ion:	200	Resp:	223482
Ion	Ratio	Lower	Upper
200	100		
173	25.7	8.6	48.6
215	47.5	25.1	65.1

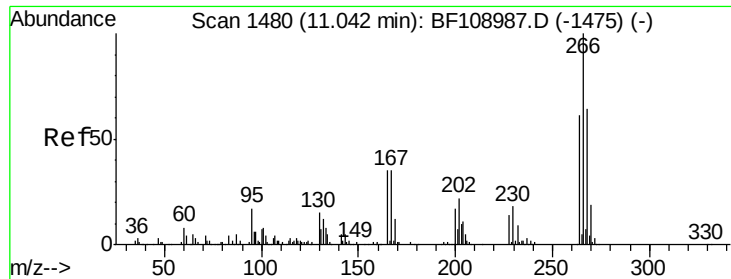


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

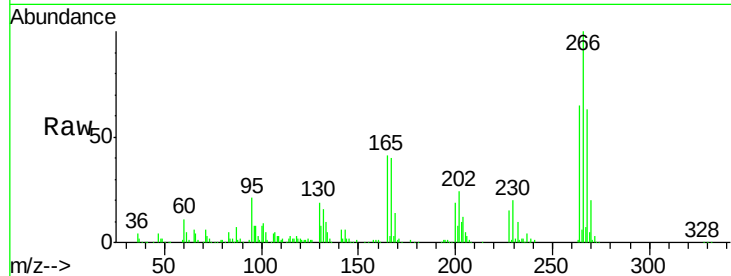




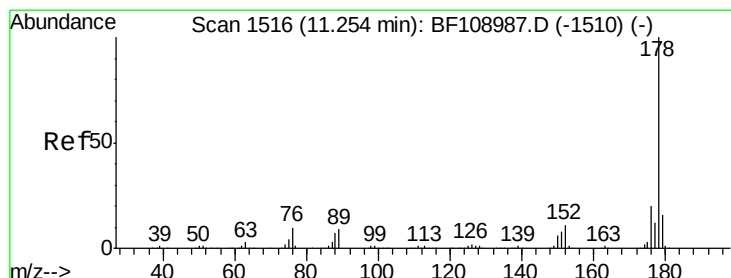
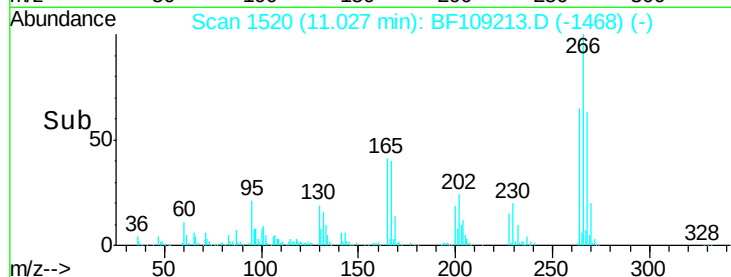
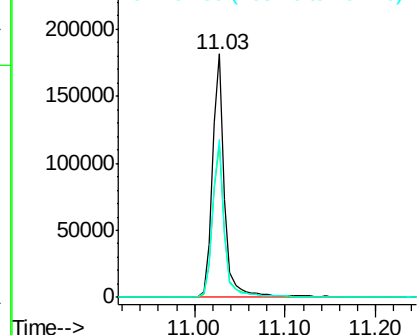
#69
 Pentachlorophenol
 Concen: 58.05 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. 0.01 min
 Lab File: BF109213.D
 Acq: 22 Sep 2018 11:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.9	51.1	76.7
264	64.7	49.5	74.3

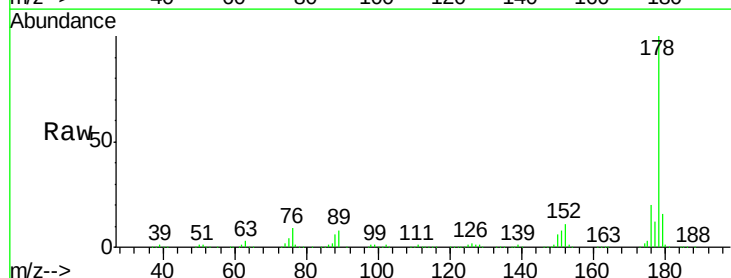


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

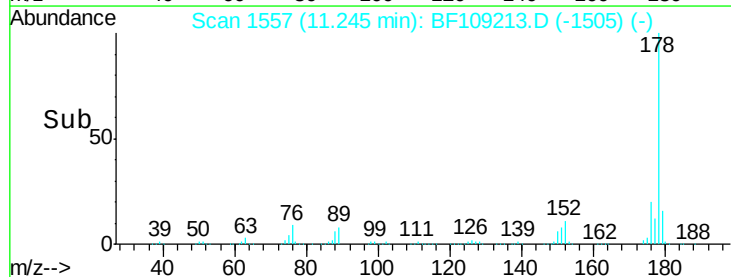
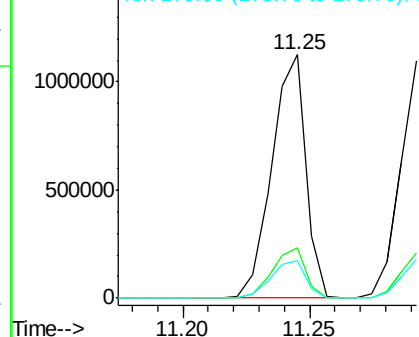


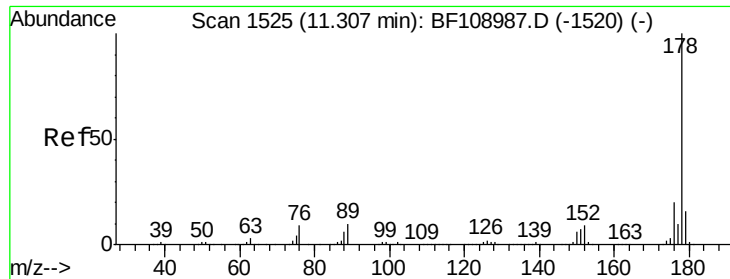
#70
 Phenanthrene
 Concen: 56.07 ng
 RT: 11.25 min Scan# 1557
 Delta R.T. 0.01 min
 Lab File: BF109213.D
 Acq: 22 Sep 2018 11:28

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.8	23.8
179	15.6	13.0	19.6



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

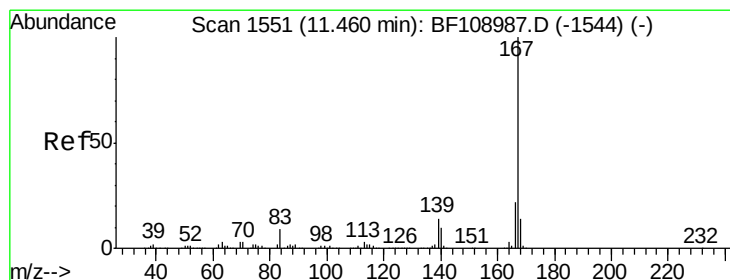
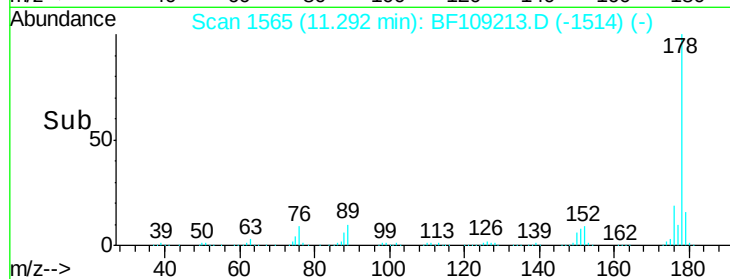
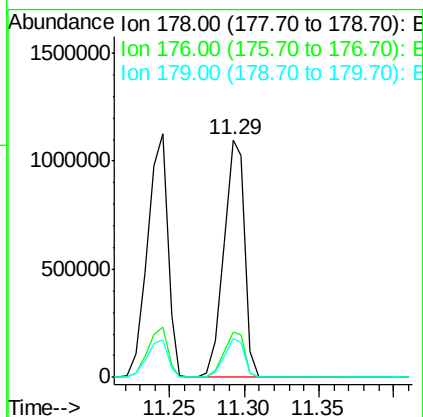
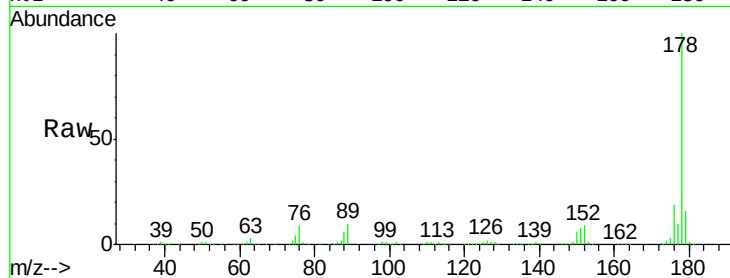




#71
 Anthracene
 Concen: 56.47 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. 0.00 min
 Lab File: BF109213.D
 Acq: 22 Sep 2018 11:28

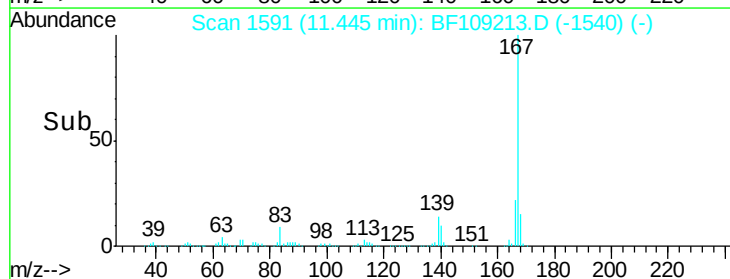
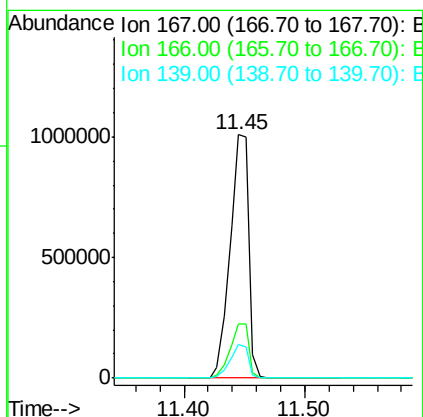
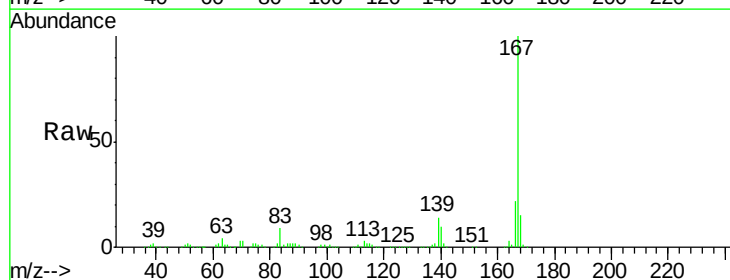
Instrument :
 BNA_F
 ClientSampled :

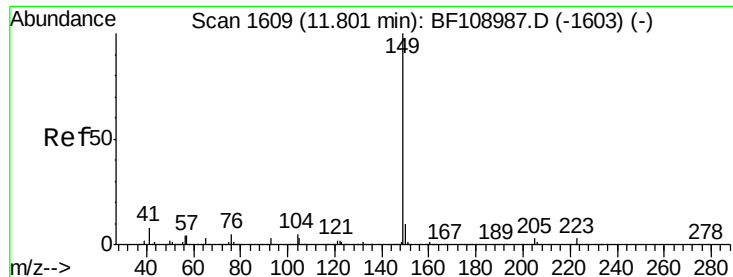
Tot Ion:178 Resp: 1085242
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 16.1 12.6 19.0



#72
 Carbazole
 Concen: 56.83 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. 0.00 min
 Lab File: BF109213.D
 Acq: 22 Sep 2018 11:28

Tgt Ion:167 Resp: 1081169
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 13.6 10.9 16.3





#73

Di-n-butylphthalate

Concen: 56.62 ng

RT: 11.79 min Scan# 1649

Delta R.T. 0.00 min

Lab File: BF109213.D

Acq: 22 Sep 2018 11:28

Instrument :

BNA_F

ClientSampleId :

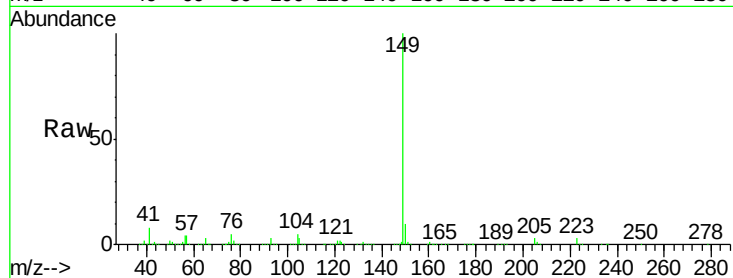
Tot Ion:149 Resp: 1260757

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

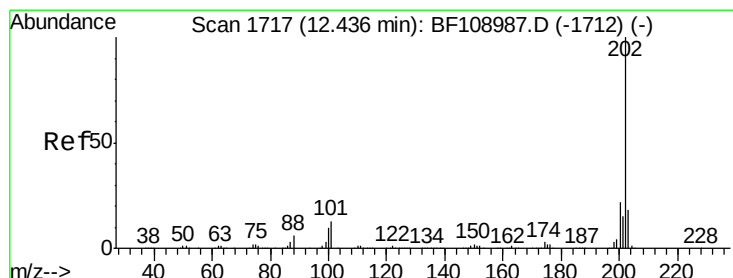
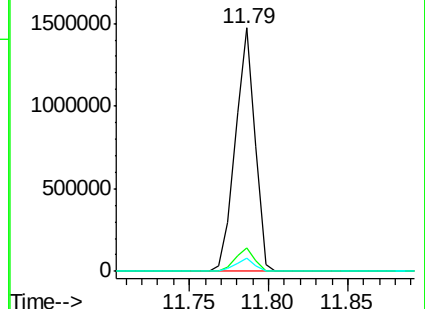
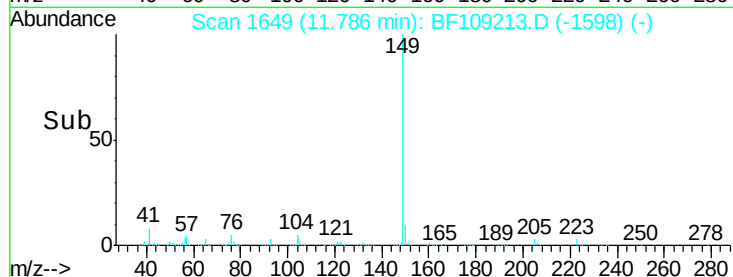
104 5.4 3.8 5.8



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: 56.65 ng

RT: 12.42 min Scan# 1757

Delta R.T. 0.00 min

Lab File: BF109213.D

Acq: 22 Sep 2018 11:28

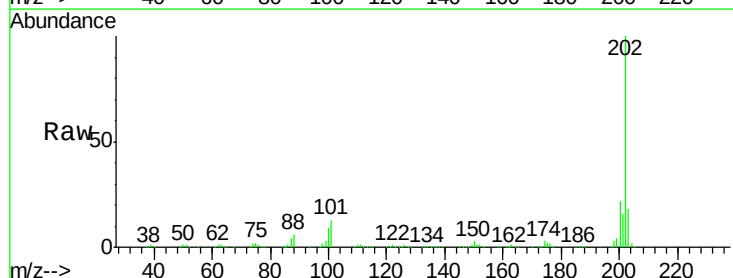
Tgt Ion:202 Resp: 1133856

Ion Ratio Lower Upper

202 100

101 12.6 0.0 34.1

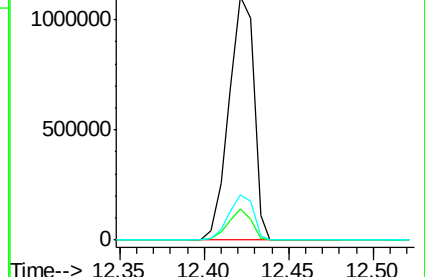
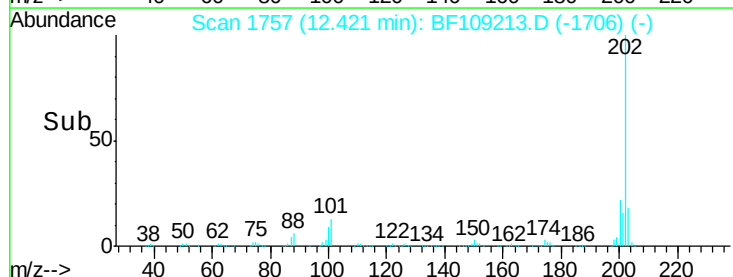
203 18.4 0.0 38.1

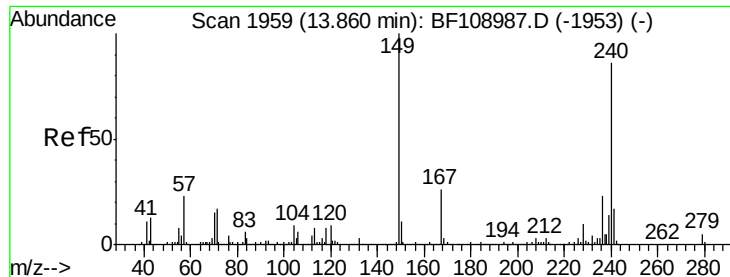


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.84 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BF109213.D

Acq: 22 Sep 2018 11:28

Instrument :

BNA_F

ClientSampled :

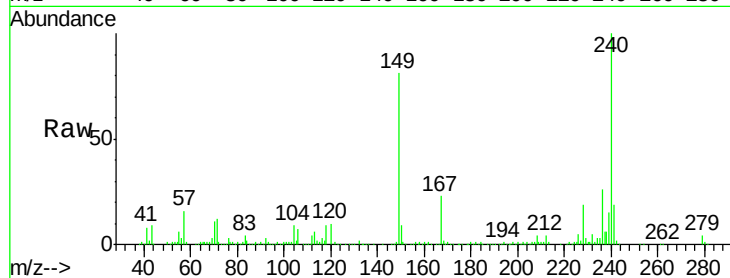
Tot Ion:240 Resp: 269336

Ion Ratio Lower Upper

240 100

120 10.4 9.5 14.3

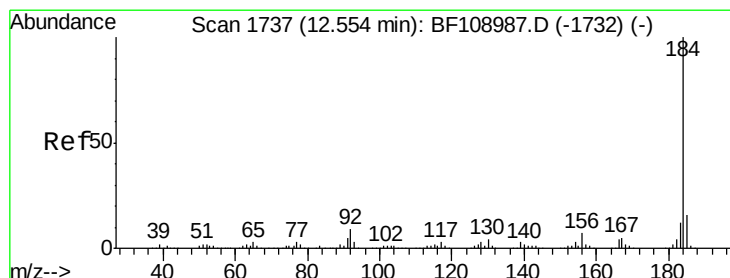
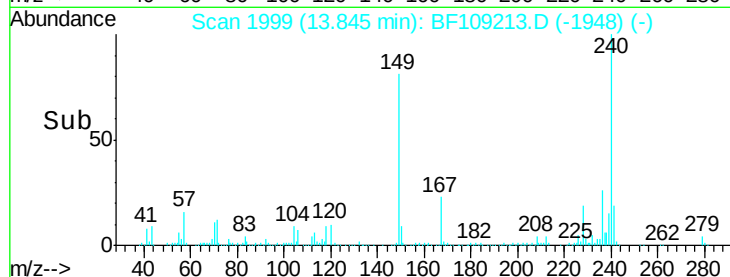
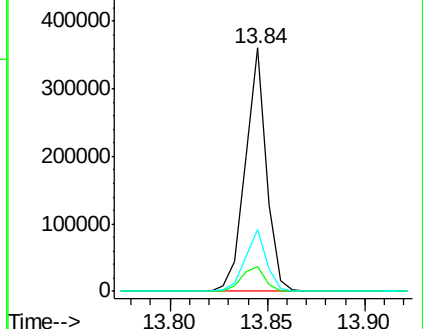
236 25.7 20.7 31.1



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: 58.71 ng

RT: 12.55 min Scan# 1778

Delta R.T. 0.01 min

Lab File: BF109213.D

Acq: 22 Sep 2018 11:28

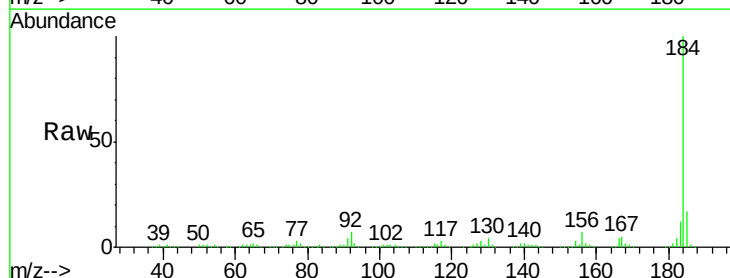
Tgt Ion:184 Resp: 559764

Ion Ratio Lower Upper

184 100

185 17.2 12.6 18.8

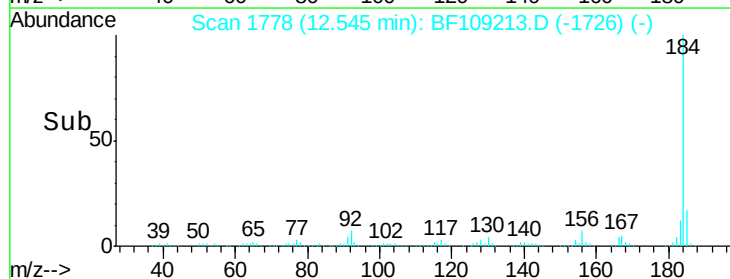
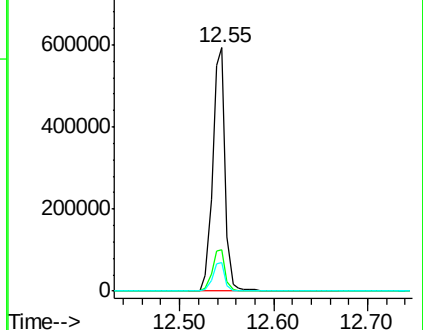
183 12.0 9.3 13.9

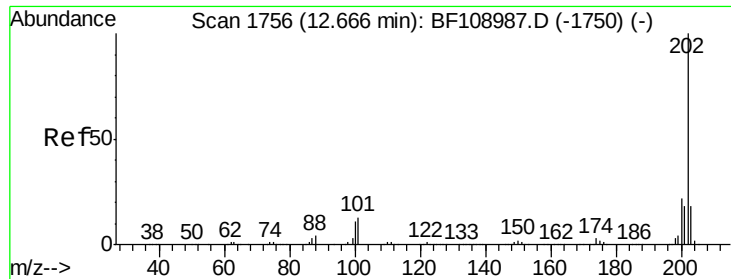


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

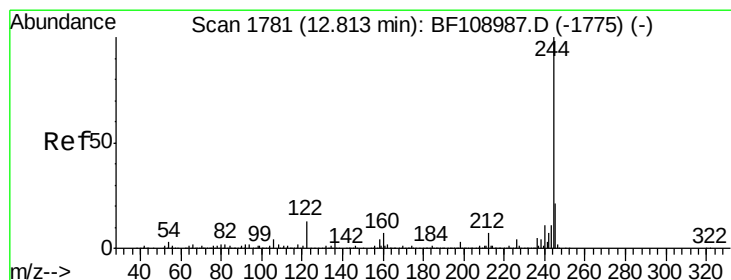
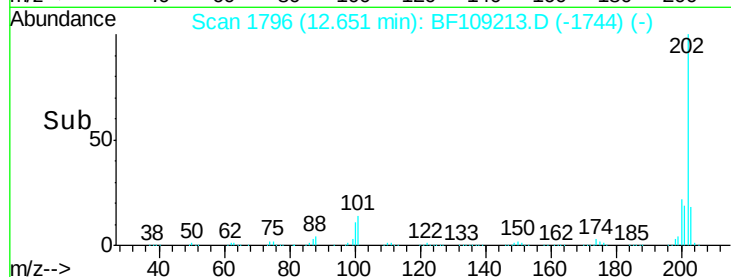
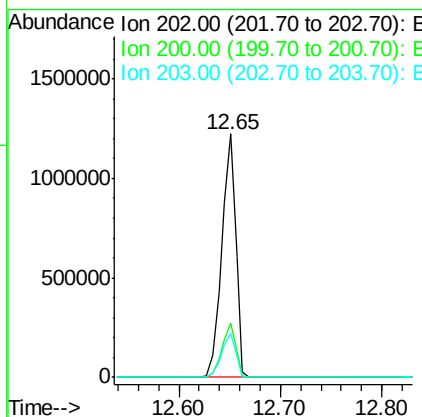
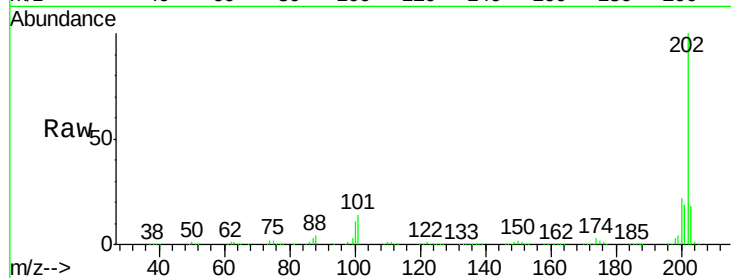




#77
Pvrene
Concen: 58.20 ng
RT: 12.65 min Scan# 1796
Delta R.T. 0.01 min
Lab File: BF109213.D
Acq: 22 Sep 2018 11:28

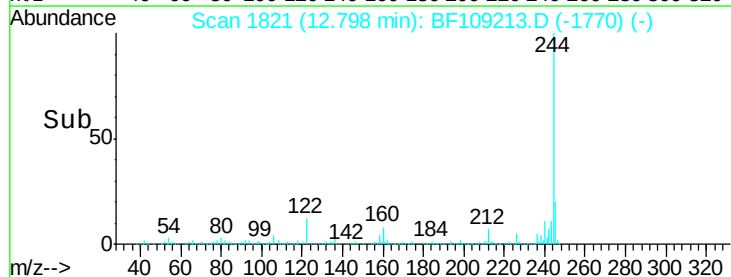
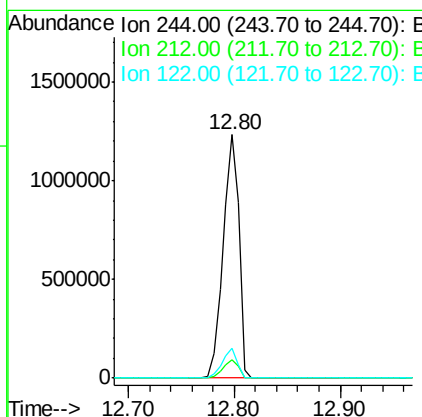
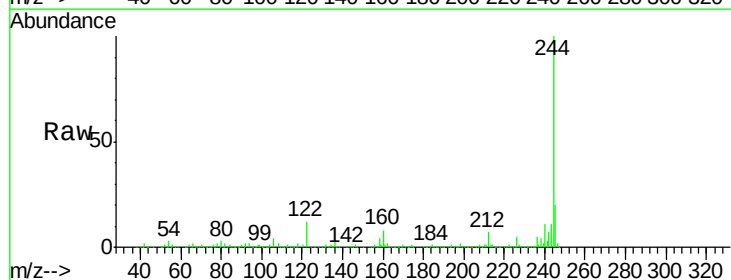
Instrument :
BNA_F
ClientSampleId :

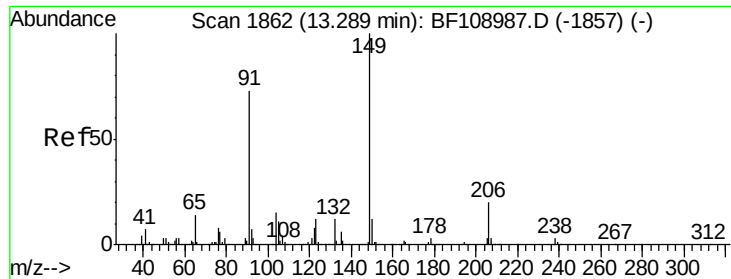
Tot Ion:202 Resp: 1164387
Ion Ratio Lower Upper
202 100
200 22.5 17.4 26.2
203 18.2 14.3 21.5



#78
Terphenyl-d14
Concen: 113.31 ng
RT: 12.80 min Scan# 1821
Delta R.T. 0.00 min
Lab File: BF109213.D
Acq: 22 Sep 2018 11:28

Tgt Ion:244 Resp: 1287609
Ion Ratio Lower Upper
244 100
212 7.5 5.4 8.0
122 12.3 11.0 16.4

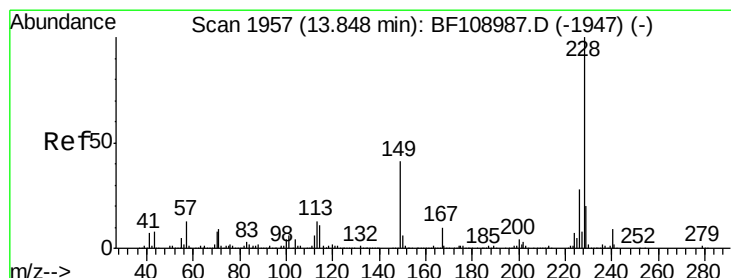
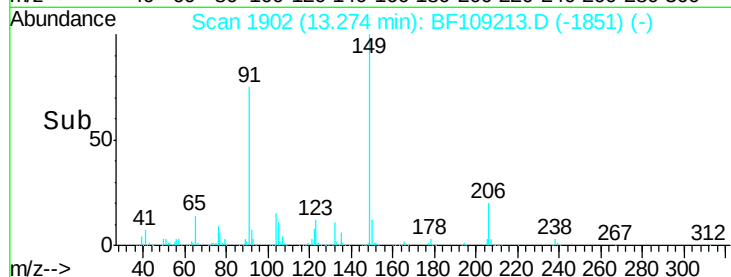
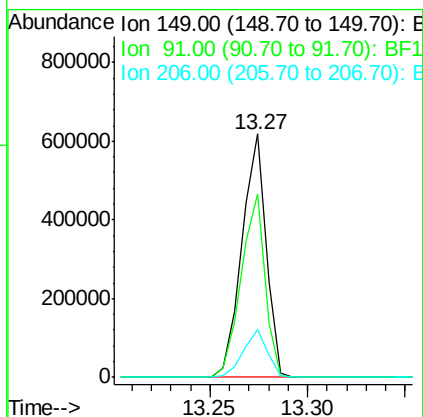
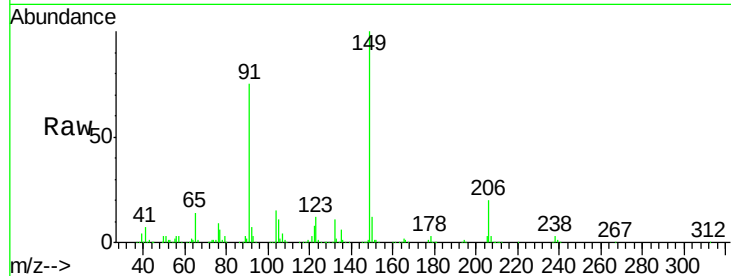




#79
Butylbenzylphthalate
Concen: 59.66 ng
RT: 13.27 min Scan# 1902
Delta R.T. 0.00 min
Lab File: BF109213.D
Acq: 22 Sep 2018 11:28

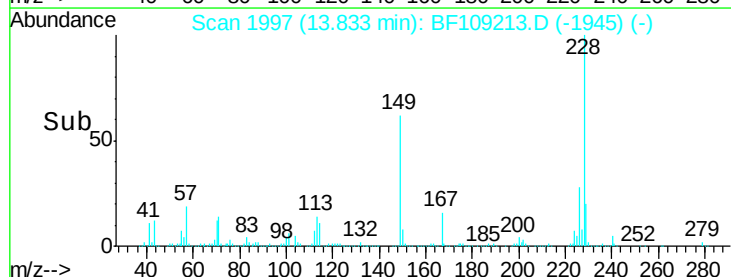
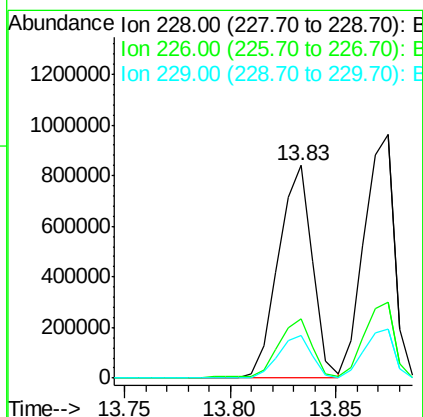
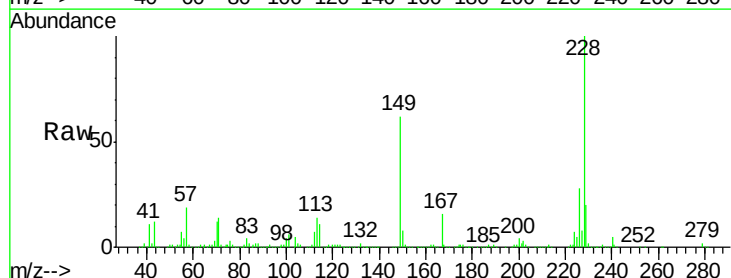
Instrument :
BNA_F
ClientSampled :

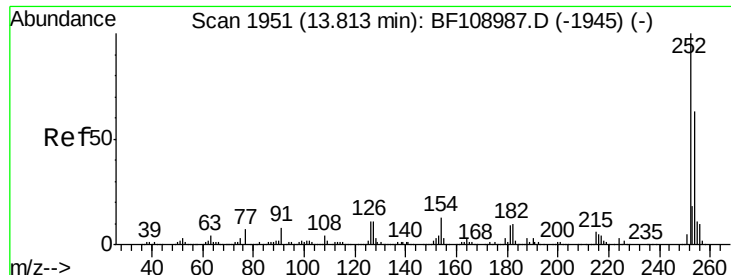
Tot Ion:149 Resp: 533127
Ion Ratio Lower Upper
149 100
91 75.4 56.8 85.2
206 19.8 14.1 21.1



#80
Benzo(a)anthracene
Concen: 57.76 ng
RT: 13.83 min Scan# 1997
Delta R.T. 0.01 min
Lab File: BF109213.D
Acq: 22 Sep 2018 11:28

Tgt Ion:228 Resp: 941782
Ion Ratio Lower Upper
228 100
226 27.9 22.6 33.8
229 20.2 15.8 23.6

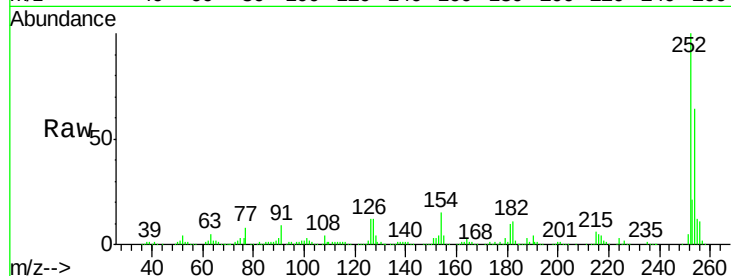




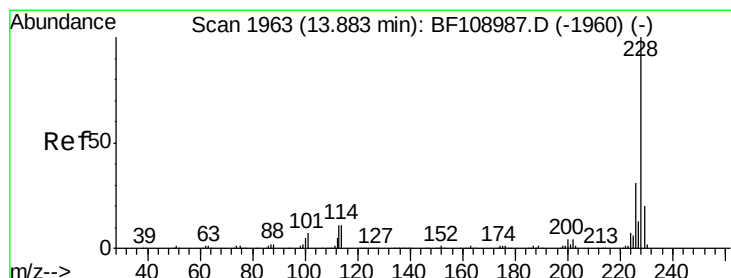
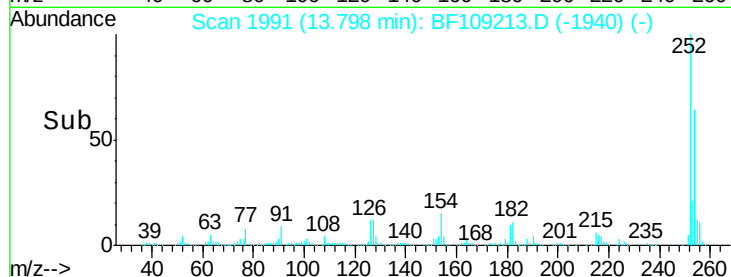
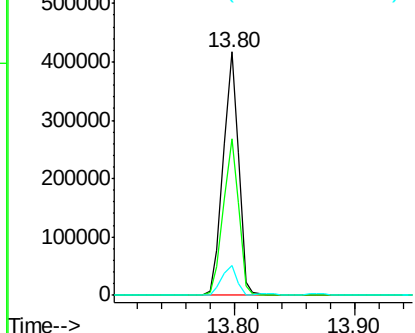
#81
 3,3'-Dichlorobenzidine
 Concen: 55.71 ng
 RT: 13.80 min Scan# 1991
 Delta R.T. 0.00 min
 Lab File: BF109213.D
 Acq: 22 Sep 2018 11:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.4	50.4	75.6
126	12.1	11.3	16.9

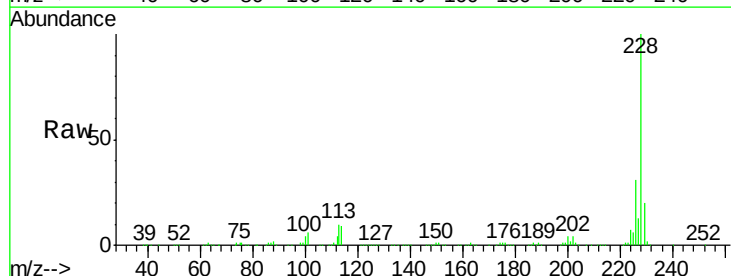


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

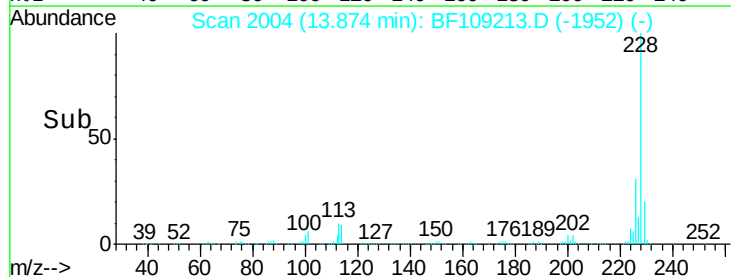
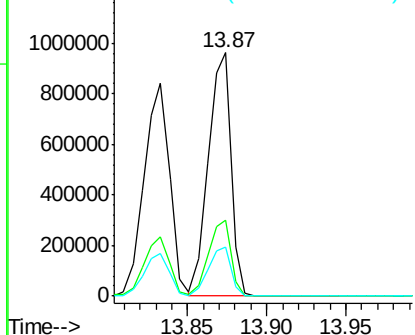


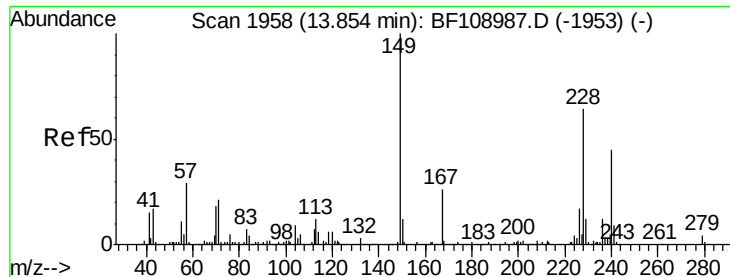
#82
 Chrysene
 Concen: 58.97 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. 0.01 min
 Lab File: BF109213.D
 Acq: 22 Sep 2018 11:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	20.1	16.2	24.4



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

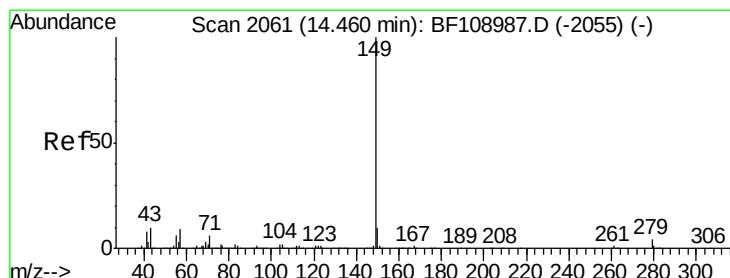
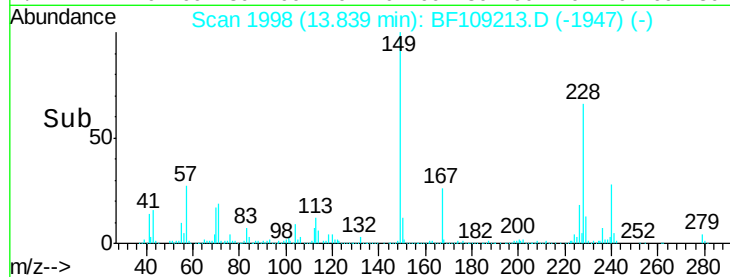
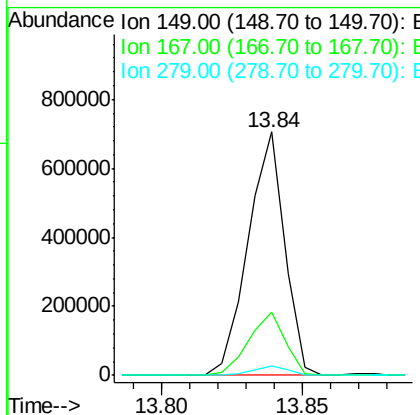
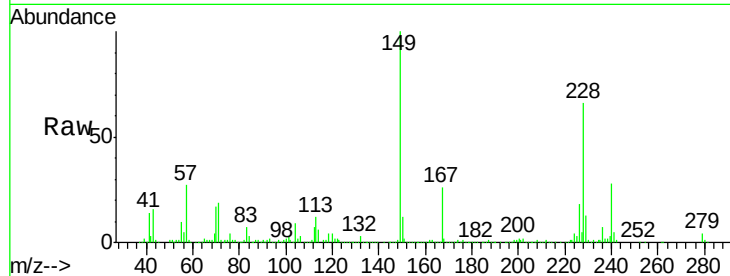




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 58.63 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. 0.00 min
 Lab File: BF109213.D
 Acq: 22 Sep 2018 11:28

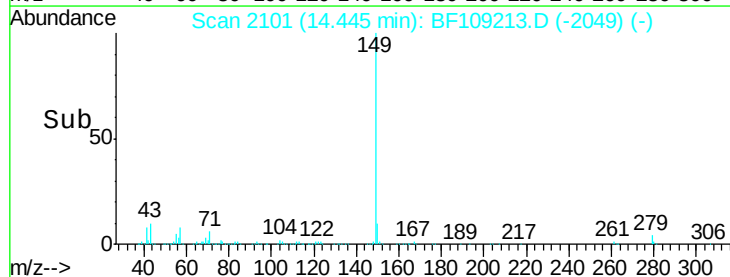
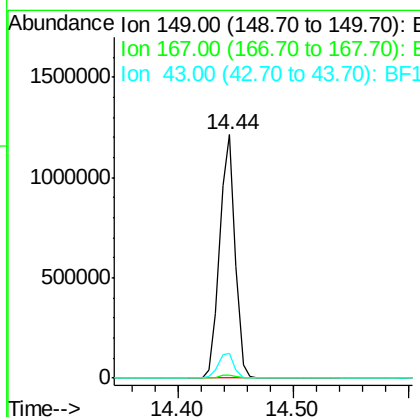
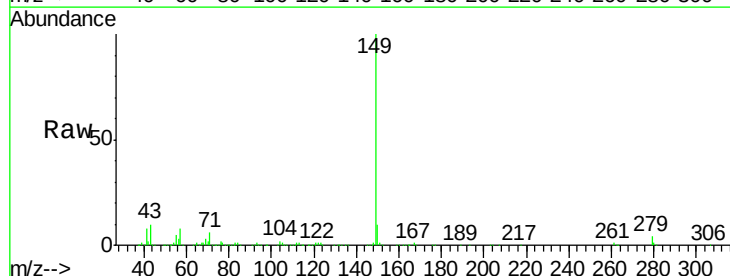
Instrument :
 BNA_F
 ClientSampleId :

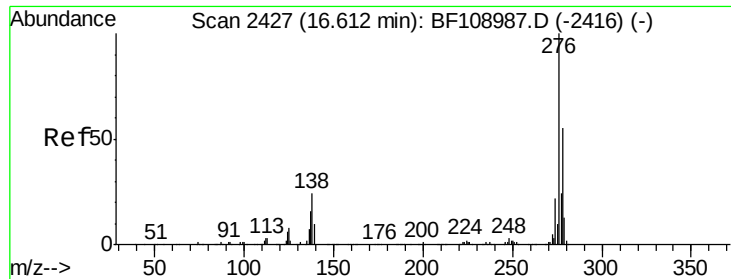
Tot Ion	Ratio	Lower	Upper
149	100		
167	25.9	21.3	31.9
279	3.8	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 61.21 ng
 RT: 14.44 min Scan# 2101
 Delta R.T. 0.01 min
 Lab File: BF109213.D
 Acq: 22 Sep 2018 11:28

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.5	8.4	12.6

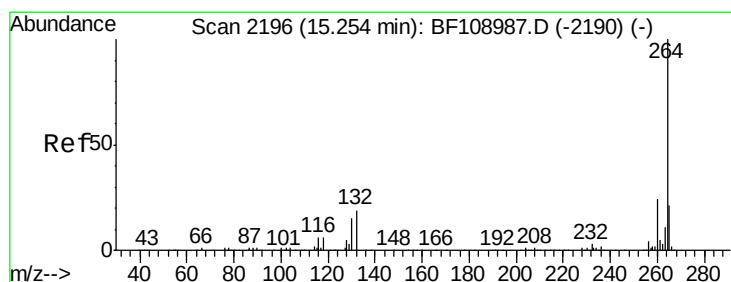
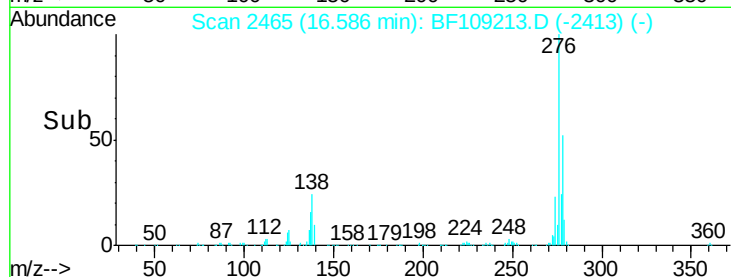
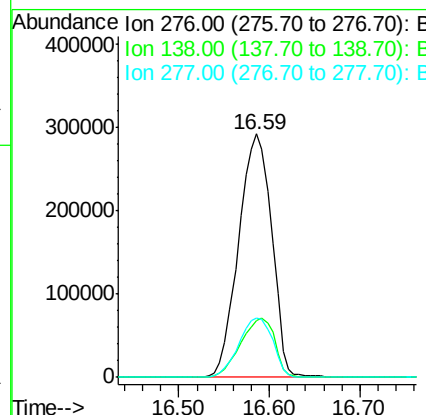
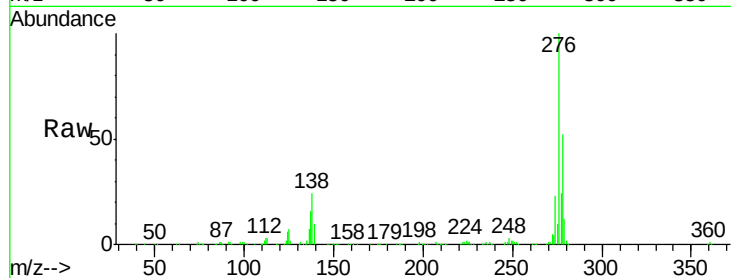




#85
Indeno(1,2,3-cd)pyrene
Concen: 56.71 ng
RT: 16.59 min Scan# 2465
Delta R.T. 0.01 min
Lab File: BF109213.D
Acq: 22 Sep 2018 11:28

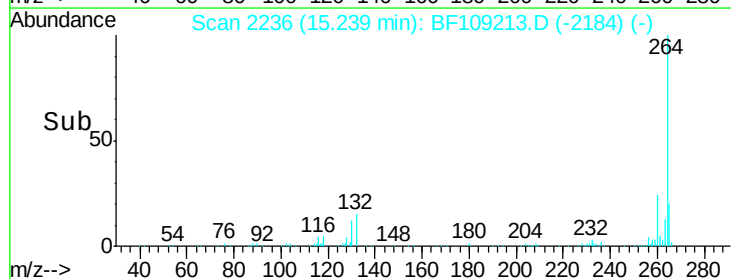
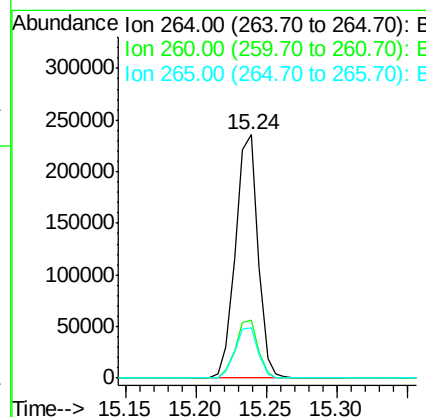
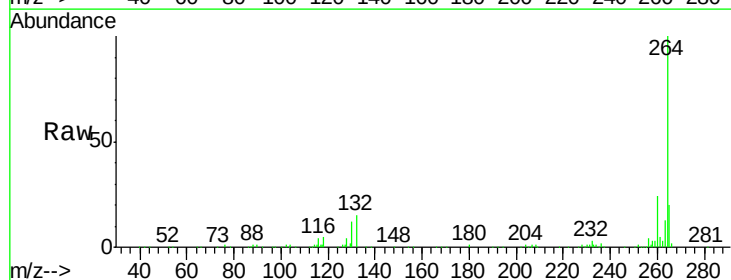
Instrument :
BNA_F
ClientSampleId :

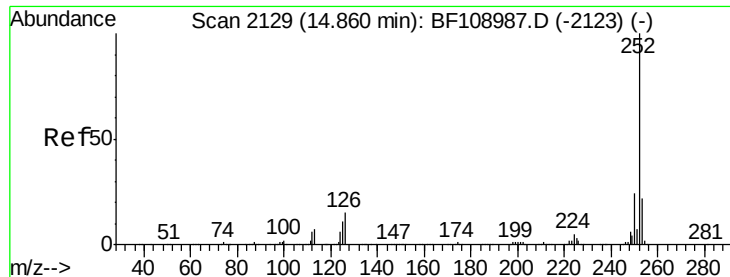
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.9	25.0	37.6#
277	25.1	20.1	30.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.01 min
Lab File: BF109213.D
Acq: 22 Sep 2018 11:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	20.4	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 56.54 ng

RT: 14.84 min Scan# 2169

Delta R.T. 0.00 min

Lab File: BF109213.D

Acq: 22 Sep 2018 11:28

Instrument :

BNA_F

ClientSampleId :

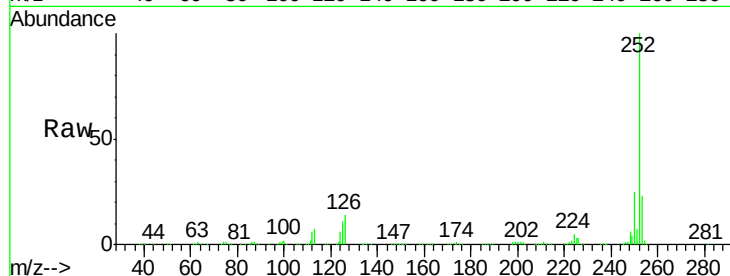
Tot Ion:252 Resp: 819156

Ion Ratio Lower Upper

252 100

253 22.9 17.0 25.6

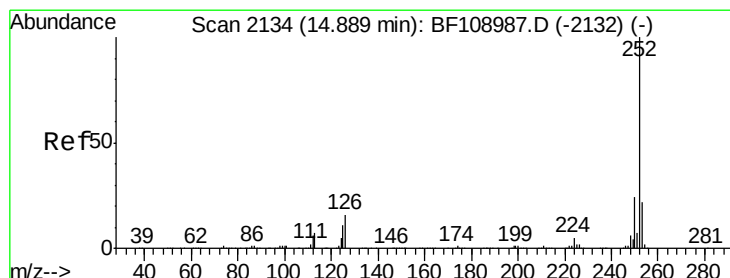
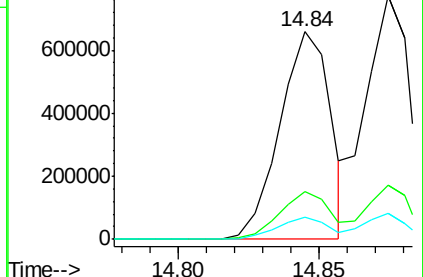
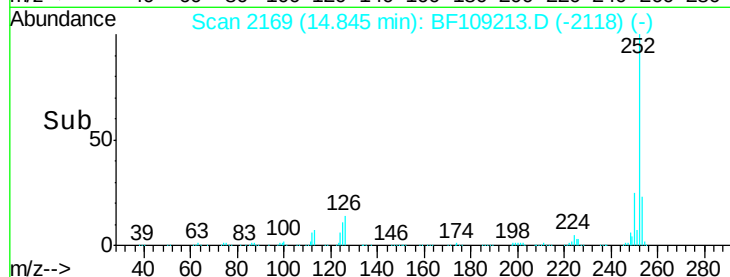
125 10.6 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 61.10 ng

RT: 14.87 min Scan# 2174

Delta R.T. 0.00 min

Lab File: BF109213.D

Acq: 22 Sep 2018 11:28

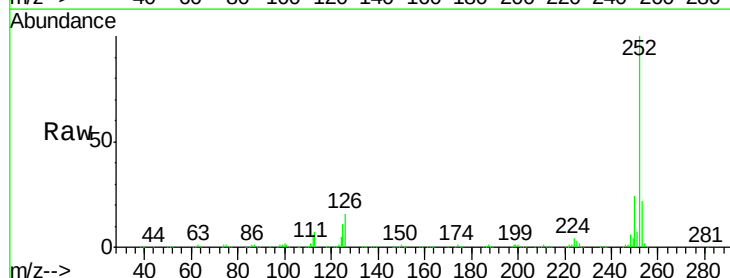
Tgt Ion:252 Resp: 826832

Ion Ratio Lower Upper

252 100

253 22.5 17.9 26.9

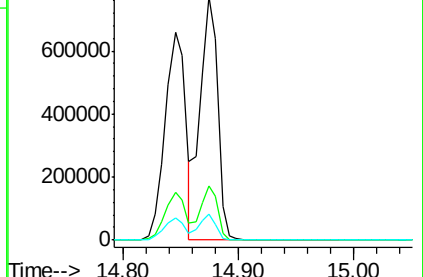
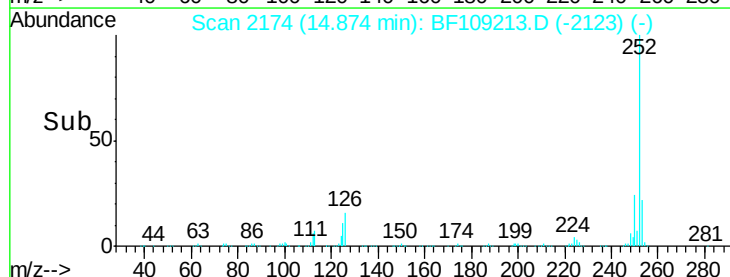
125 10.8 10.2 15.2

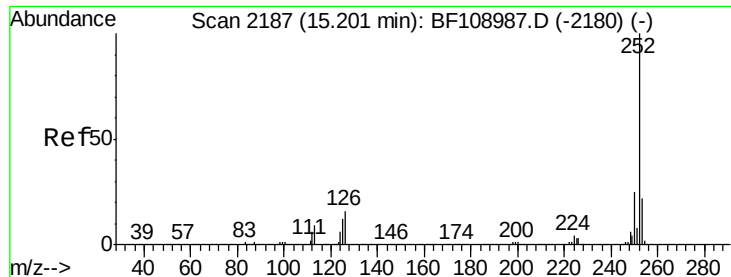


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 58.76 ng

RT: 15.19 min Scan# 2227

Delta R.T. 0.01 min

Lab File: BF109213.D

Acq: 22 Sep 2018 11:28

Instrument :

BNA_F

ClientSampleId :

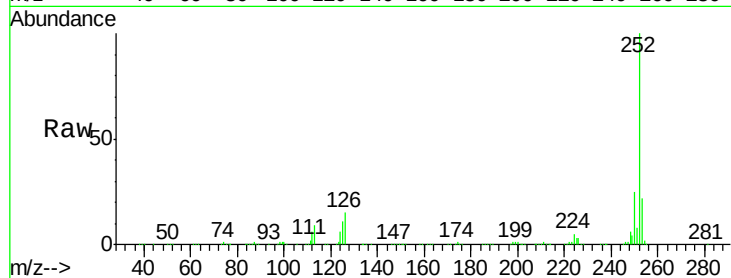
Tot Ion:252 Resp: 756110

Ion Ratio Lower Upper

252 100

253 22.2 17.1 25.7

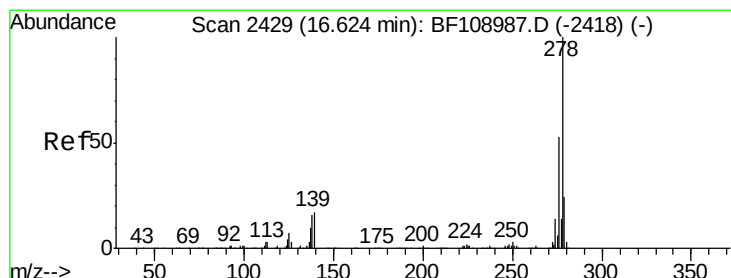
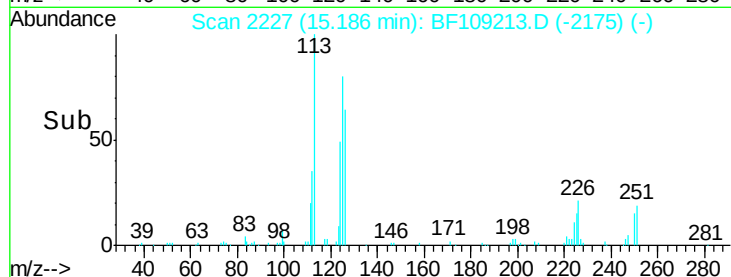
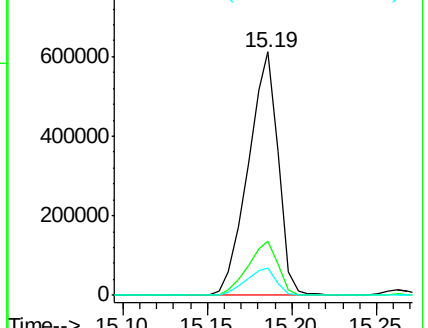
125 11.1 9.8 14.6



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: 56.03 ng

RT: 16.60 min Scan# 2468

Delta R.T. 0.01 min

Lab File: BF109213.D

Acq: 22 Sep 2018 11:28

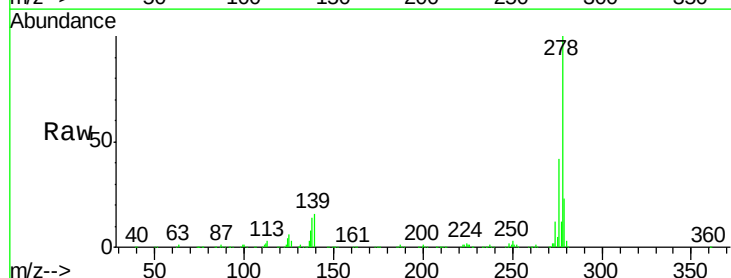
Tgt Ion:278 Resp: 605696

Ion Ratio Lower Upper

278 100

139 15.6 15.9 23.9#

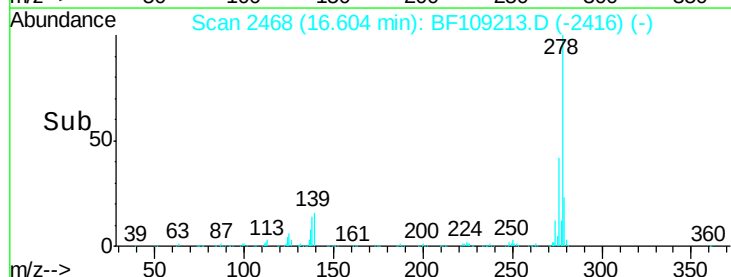
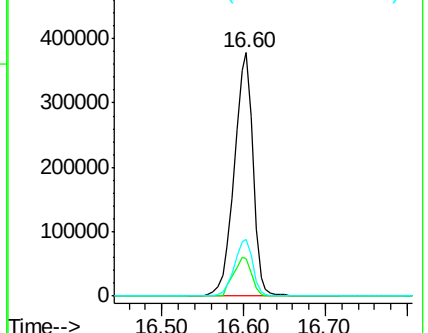
279 23.3 19.0 28.4

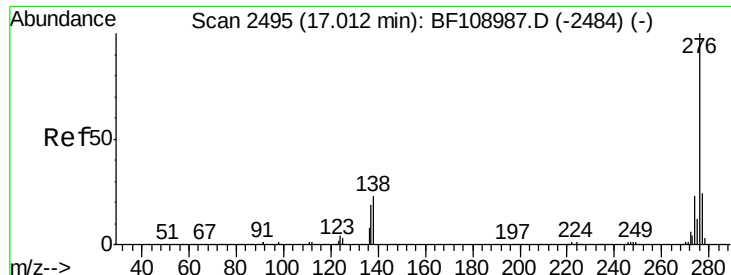


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

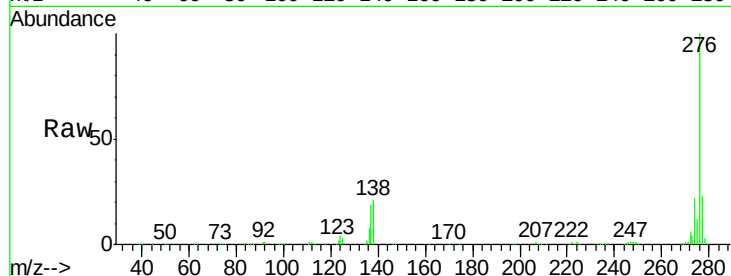




#91
 Benzo(a,h,i)perylene
 Concen: 56.17 ng
 RT: 16.99 min Scan# 2533
 Delta R.T. 0.00 min
 Lab File: BF109213.D
 Acq: 22 Sep 2018 11:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	17.9	26.9
138	21.5	21.8	32.8



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

