

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
 Data File : BF109113.D
 Acq On : 18 Sep 2018 23:11
 Operator : JU/SJ
 Sample : J4959-01MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 19 04:05:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	146371	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	507203	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	205441	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	349054	20.00	ng	0.00
75) Chrysene-d12	13.87	240	306833	20.00	ng	0.00
86) Perylene-d12	15.27	264	298126	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	1058107	120.06	ng	0.02
7) Phenol-d6	6.37	99	1338901	117.82	ng	0.01
23) Nitrobenzene-d5	7.29	82	849670	93.96	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	263182	118.04	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1260857	96.16	ng	0.00
78) Terphenyl-d14	12.81	244	1093182	84.45	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.44	88	132960	31.694	ng	93
3) Pyridine	3.15	79	366769	32.981	ng	93
4) n-Nitrosodimethylamine	3.08	42	189620	45.148	ng	# 94
6) Aniline	6.39	93	315352	21.470	ng	# 69
8) 2-Chlorophenol	6.51	128	377125	38.239	ng	96
9) Benzaldehyde	6.27	77	152261	20.979	ng	99
10) Phenol	6.38	94	474606	37.118	ng	79
11) bis(2-Chloroethyl)ether	6.47	93	375891	37.368	ng	96
12) 1,3-Dichlorobenzene	6.67	146	413648	36.675	ng	99
13) 1,4-Dichlorobenzene	6.74	146	418009	36.943	ng	99
14) 1,2-Dichlorobenzene	6.90	146	386710	36.865	ng	99
15) Benzyl Alcohol	6.87	79	343681	39.837	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.01	45	527736	36.615	ng	95
17) 2-Methylphenol	6.99	107	311624	38.729	ng	97
18) Hexachloroethane	7.24	117	138661	33.742	ng	98
19) n-Nitroso-di-n-propylamine	7.15	70	271741	36.177	ng	95
20) 3+4-Methylphenols	7.14	107	366192	37.788	ng	# 59
22) Acetophenone	7.14	105	511284	44.388	ng	# 93
24) Nitrobenzene	7.31	77	397812	42.668	ng	99
25) Isophorone	7.55	82	721884	46.440	ng	98
26) 2-Nitrophenol	7.62	139	157189	36.106	ng	95
27) 2,4-Dimethylphenol	7.67	122	328296	48.074	ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	460090	43.983	ng	99
29) 2,4-Dichlorophenol	7.87	162	293700	40.359	ng	99
30) 1,2,4-Trichlorobenzene	7.95	180	315884	40.156	ng	97
31) Naphthalene	8.03	128	1266048	53.780	ng	99
32) Benzoic acid	7.67	122	328296	73.573	ng	# 16
33) 4-Chloroaniline	8.07	127	181084	17.301	ng	99
34) Hexachlorobutadiene	8.15	225	191124	39.797	ng	99
35) Caprolactam	8.43	113	81372	34.297	ng	89
36) 4-Chloro-3-methylphenol	8.57	107	292200	38.142	ng	98
37) 2-Methylnaphthalene	8.72	142	714067	46.532	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	293338	45.366	ng	97
40) Hexachlorocyclopentadiene	8.88	237	67290	20.655	ng	99

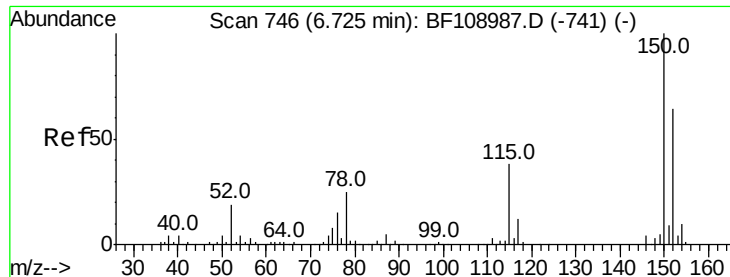
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
 Data File : BF109113.D
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 Operator : JU/SJ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	183545	42.232	nq	99
43) 2,4,5-Trichlorophenol	9.04	196	191457	42.155	nq	91
45) 1,1'-Biphenyl	9.18	154	774641	47.130	nq	99
46) 2-Chloronaphthalene	9.21	162	574460	43.642	nq	98
47) 2-Nitroaniline	9.30	65	185560	45.856	nq	94
48) Acenaphthylene	9.62	152	903431	45.522	nq	100
49) Dimethylphthalate	9.48	163	809710	55.144	nq	99
50) 2,6-Dinitrotoluene	9.54	165	138592	42.561	nq	95
51) Acenaphthene	9.79	154	598008	48.391	nq	99
52) 3-Nitroaniline	9.71	138	143072	37.313	nq	97
54) Dibenzofuran	9.96	168	885394	49.579	nq	98
55) 4-Nitrophenol	9.87	139	160399	56.777	nq	93
56) 2,4-Dinitrotoluene	9.94	165	171486	40.268	nq	# 96
57) Fluorene	10.30	166	670139	56.310	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	136102	36.191	nq	89
59) Diethylphthalate	10.18	149	631324	42.577	nq	96
60) 4-Chlorophenyl-phenylether	10.30	204	254064	39.869	nq	96
61) 4-Nitroaniline	10.31	138	143815	39.478	nq	96
62) Azobenzene	10.45	77	585619	38.583	nq	93
65) n-Nitrosodiphenylamine	10.41	169	520706	45.605	nq	95
66) 4-Bromophenyl-phenylether	10.78	248	166573	42.330	nq	# 87
67) Hexachlorobenzene	10.85	284	172301	40.935	nq	# 87
68) Atrazine	10.94	200	153753	42.066	nq	98
69) Pentachlorophenol	11.04	266	137831	51.181	nq	99
70) Phenanthrene	11.27	178	1924822	112.493	nq	99
71) Anthracene	11.31	178	1168131	67.347	nq	100
72) Carbazole	11.46	167	832758	48.501	nq	100
73) Di-n-butylphthalate	11.80	149	840141	41.801	nq	99
74) Fluoranthene	12.45	202	1963441	108.695	nq	98
76) Benzidine	12.56	184	451544	41.573	nq	99
77) Pyrene	12.68	202	1886549	82.776	nq	99
79) Butylbenzylphthalate	13.29	149	390258	38.337	nq	96
80) Benzo(a)anthracene	13.85	228	1295872	69.758	nq	98
81) 3,3'-Dichlorobenzidine	13.82	252	246281	32.854	nq	97
82) Chrysene	13.90	228	1215691	65.409	nq	98
83) Bis(2-ethylhexyl)phthalate	13.86	149	504027	40.893	nq	99
84) Di-n-octyl phthalate	14.47	149	976022	46.692	nq	99
85) Indeno(1,2,3-cd)pyrene	16.64	276	753058	50.679	nq	# 91
87) Benzo(b)fluoranthene	14.88	252	1210266	73.381	nq	98
88) Benzo(k)fluoranthene	14.90	252	863636	56.063	nq	98
89) Benzo(a)pyrene	15.22	252	1004083	68.553	nq	98
90) Dibenzo(a,h)anthracene	16.78	278	39698	3.226	nq	95
91) Benzo(g,h,i)perylene	17.04	276	629547	51.172	nq	# 91

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

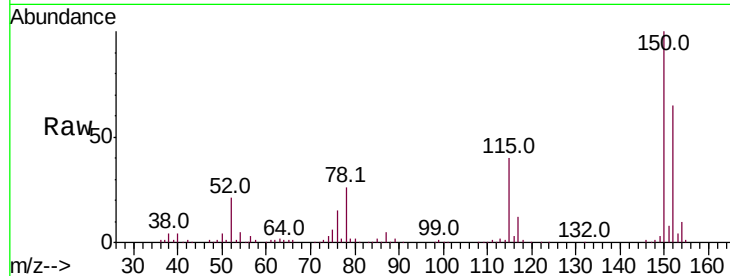


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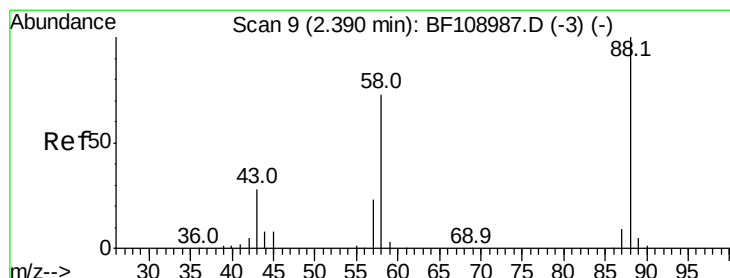
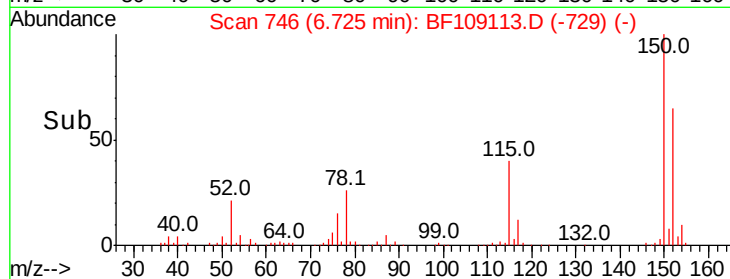
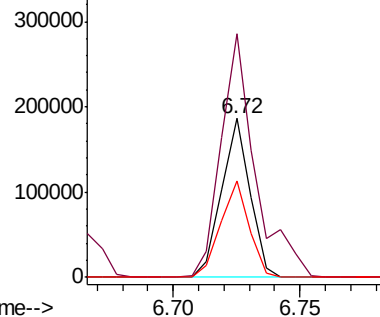
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF109113.D
Acq: 18 Sep 2018 23:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 146371
Ion Ratio Lower Upper
152 100
150 153.4 124.6 186.8
115 60.8 50.1 75.1



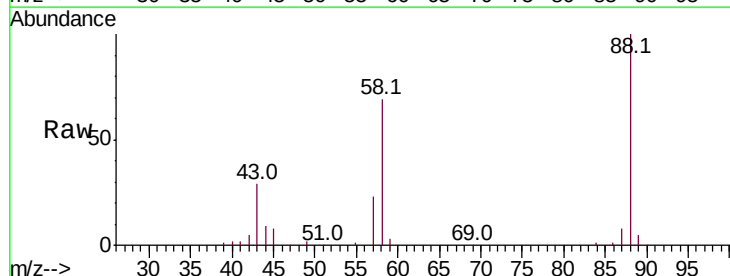
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



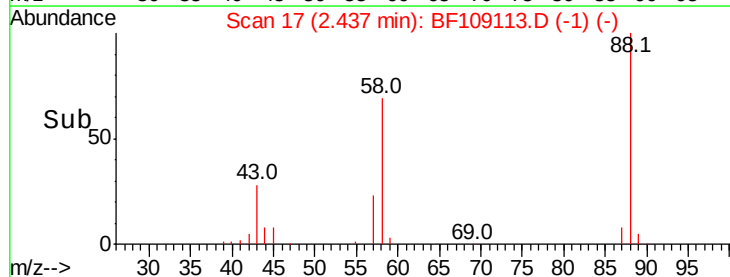
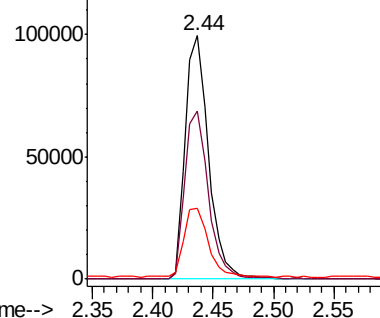
#2

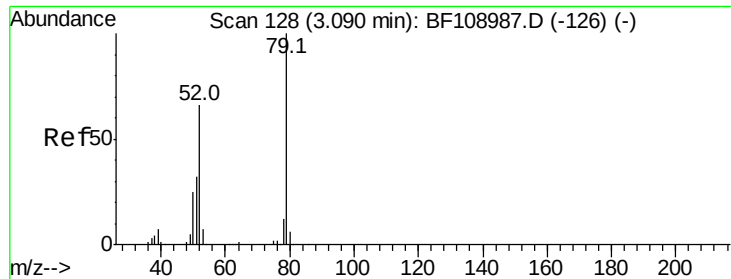
1,4-Dioxane
Concen: 31.694 ng
RT: 2.44 min Scan# 17
Delta R.T. 0.05 min
Lab File: BF109113.D
Acq: 18 Sep 2018 23:11

Tgt Ion: 88 Resp: 132960
Ion Ratio Lower Upper
88 100
58 70.4 62.6 93.8
43 30.0 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

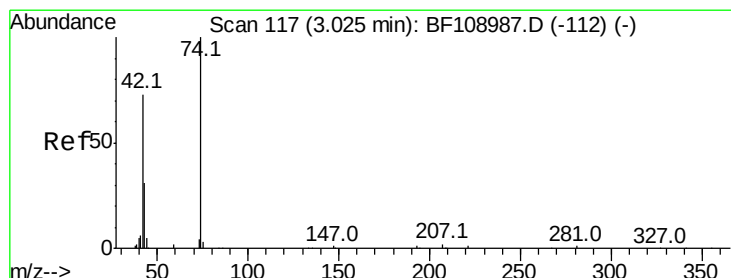
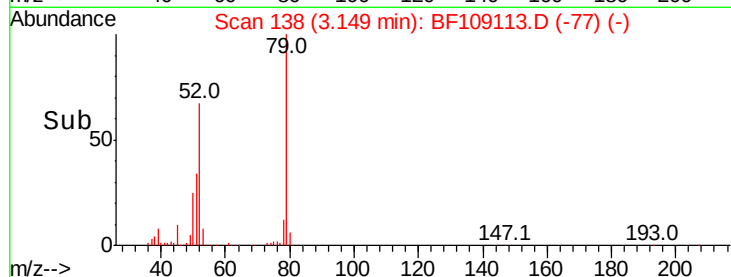
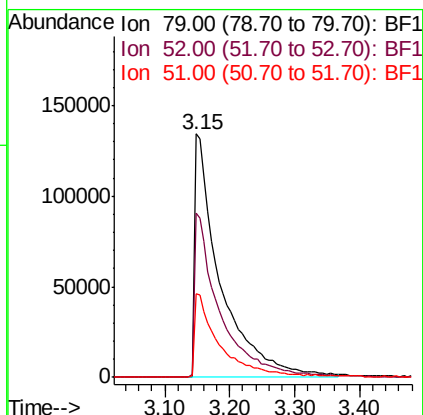
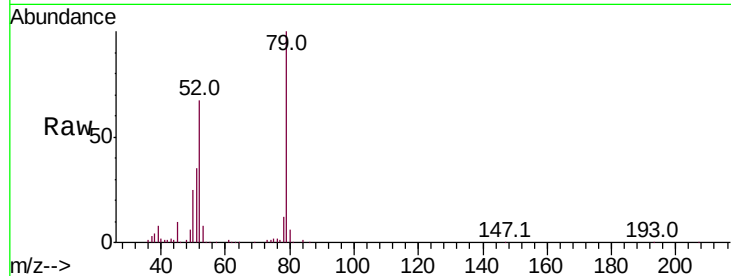




#3
 Pvridine
 Concen: 32.981 ng
 RT: 3.15 min Scan# 138
 Delta R.T. 0.06 min
 Lab File: BF109113.D
 Acq: 18 Sep 2018 23:11

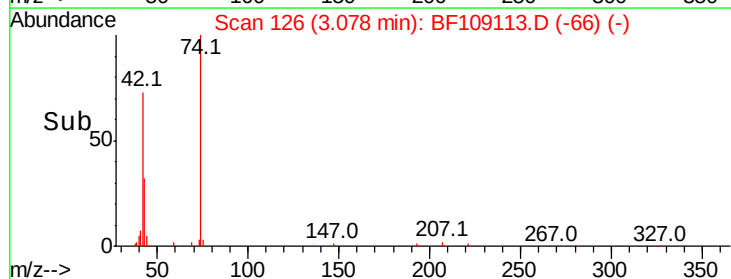
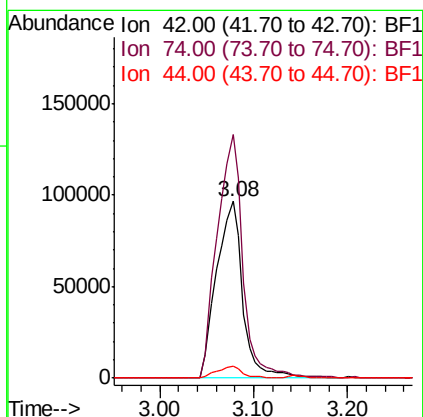
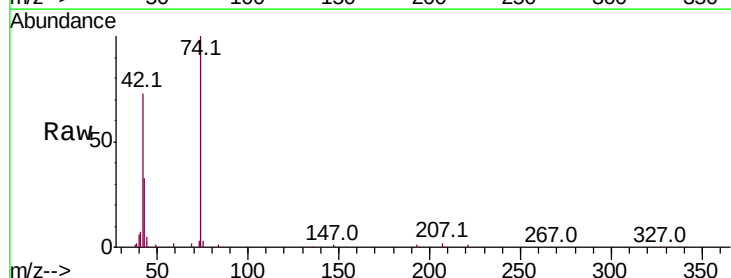
Instrument :
 BNA_F
 ClientSampleId :

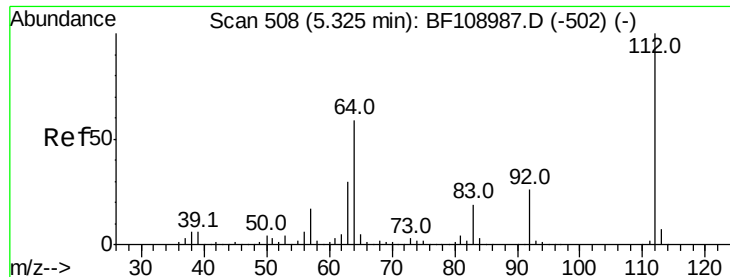
Tot Ion: 79 Resp: 366769
 Ion Ratio Lower Upper
 79 100
 52 67.2 59.8 89.6
 51 34.5 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 45.148 ng
 RT: 3.08 min Scan# 126
 Delta R.T. 0.05 min
 Lab File: BF109113.D
 Acq: 18 Sep 2018 23:11

Tgt Ion: 42 Resp: 189620
 Ion Ratio Lower Upper
 42 100
 74 137.6 104.9 157.3
 44 6.8 6.9 10.3#





#5

2-Fluorophenol

Concen: 120.064 ng

RT: 5.34 min Scan# 511

Delta R.T. 0.02 min

Lab File: BF109113.D

Acq: 18 Sep 2018 23:11

Instrument :

BNA_F

ClientSampleId :

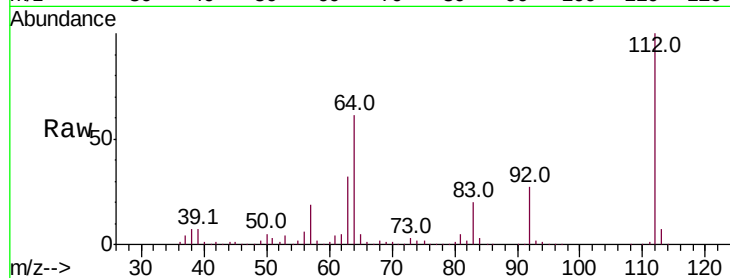
Tot Ion:112 Resp: 1058107

Ion Ratio Lower Upper

112 100

64 60.7 47.9 71.9

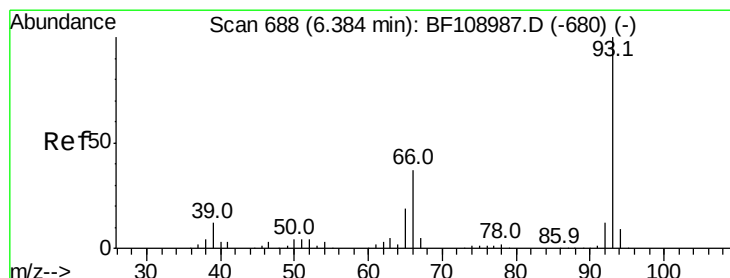
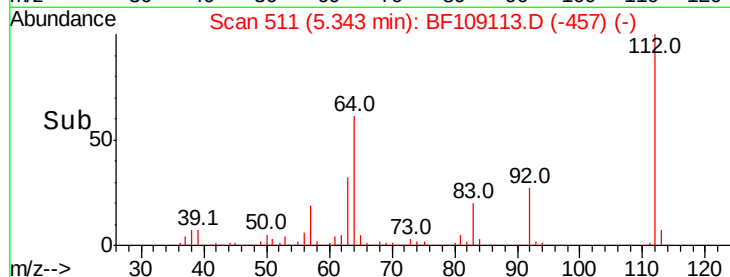
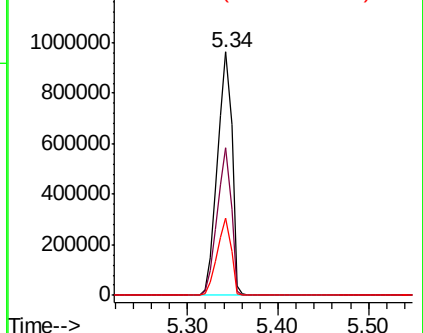
63 31.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 21.470 ng

RT: 6.39 min Scan# 689

Delta R.T. 0.01 min

Lab File: BF109113.D

Acq: 18 Sep 2018 23:11

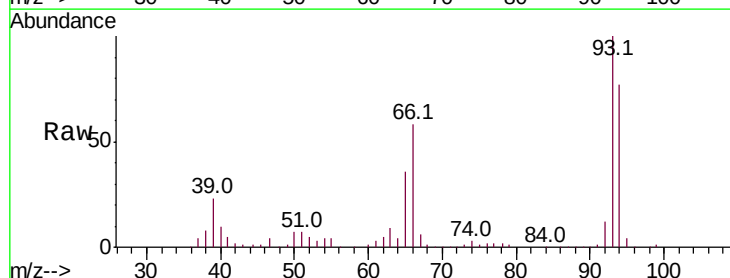
Tgt Ion: 93 Resp: 315352

Ion Ratio Lower Upper

93 100

66 58.4 32.2 48.2#

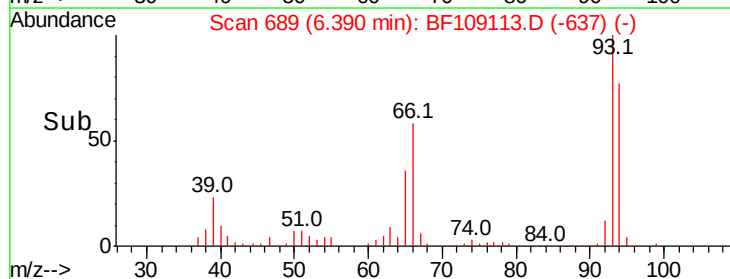
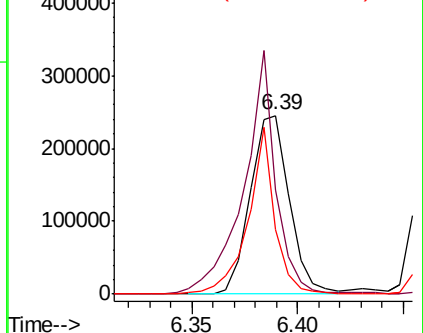
65 35.9 16.4 24.6#

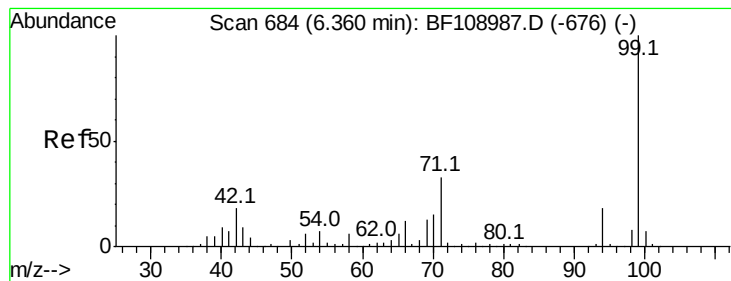


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 117.822 ng

RT: 6.37 min Scan# 686

Delta R.T. 0.01 min

Lab File: BF109113.D

Acq: 18 Sep 2018 23:11

Instrument :

BNA_F

ClientSampled :

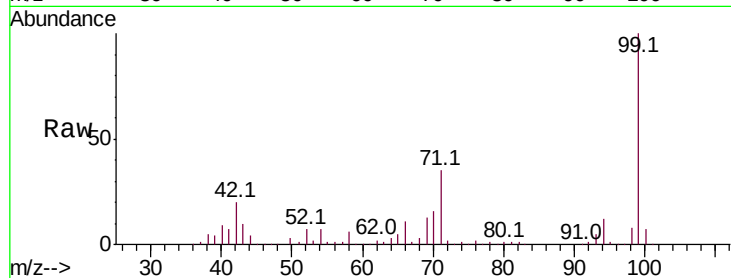
Tot Ion: 99 Resp: 1338901

Ion Ratio Lower Upper

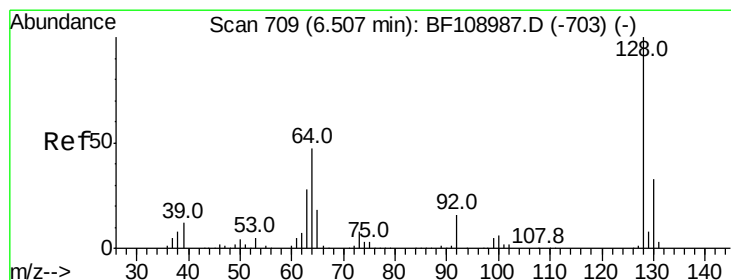
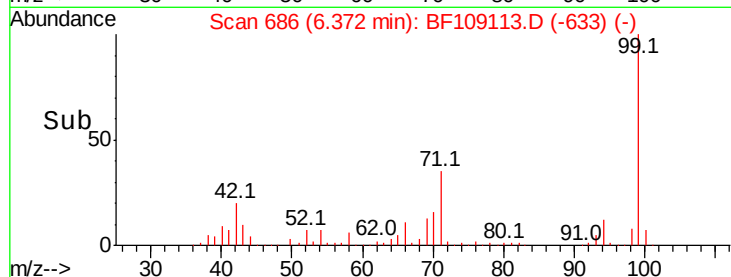
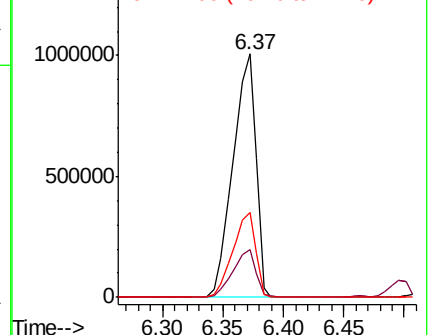
99 100

42 19.5 14.5 21.7

71 34.9 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: 38.239 ng

RT: 6.51 min Scan# 710

Delta R.T. 0.01 min

Lab File: BF109113.D

Acq: 18 Sep 2018 23:11

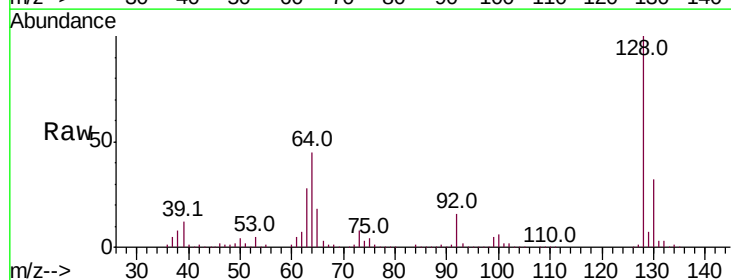
Tgt Ion:128 Resp: 377125

Ion Ratio Lower Upper

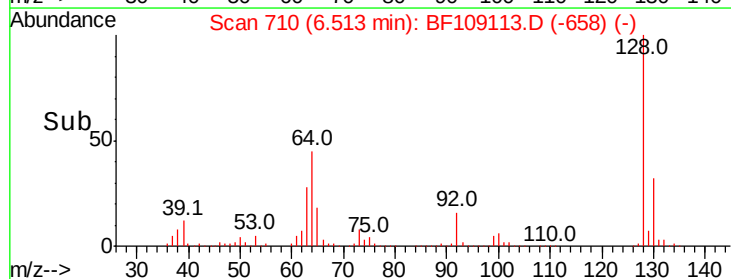
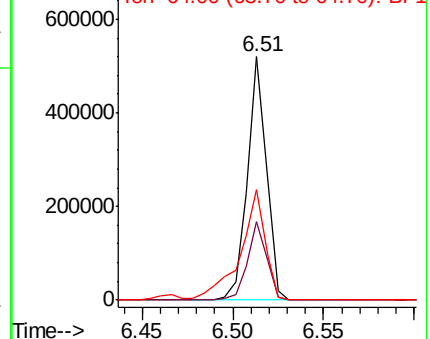
128 100

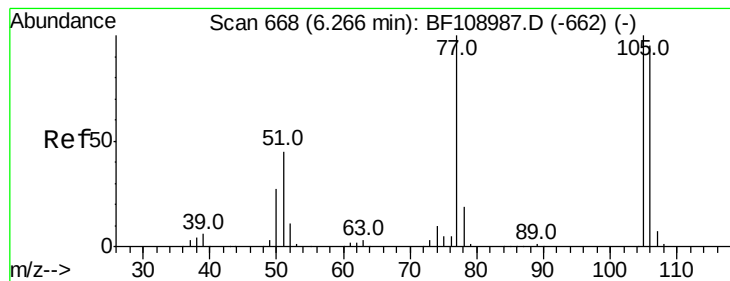
130 32.5 13.0 53.0

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: 20.979 ng

RT: 6.27 min Scan# 668

Delta R.T. 0.00 min

Lab File: BF109113.D

Acq: 18 Sep 2018 23:11

Instrument :

BNA_F

ClientSampled :

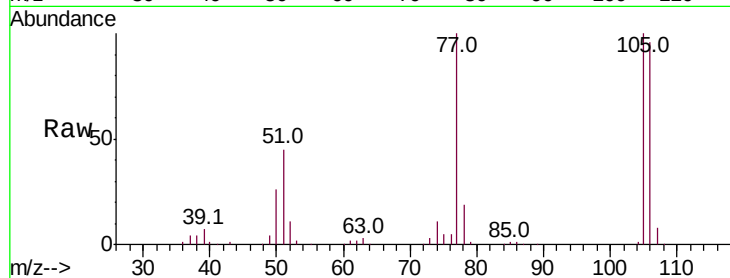
Tot Ion: 77 Resp: 152261

Ion Ratio Lower Upper

77 100

105 99.9 81.1 121.1

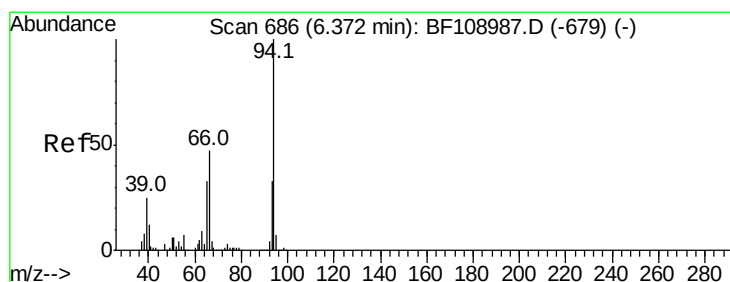
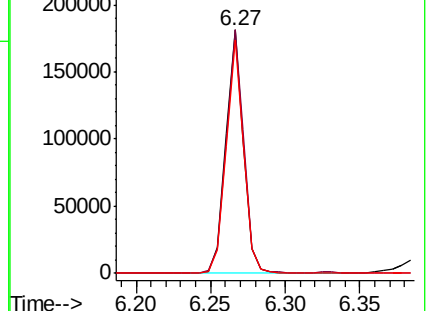
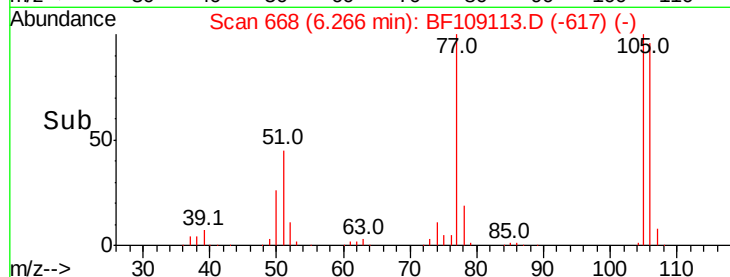
106 95.8 74.5 114.5



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: 37.118 ng

RT: 6.38 min Scan# 688

Delta R.T. 0.01 min

Lab File: BF109113.D

Acq: 18 Sep 2018 23:11

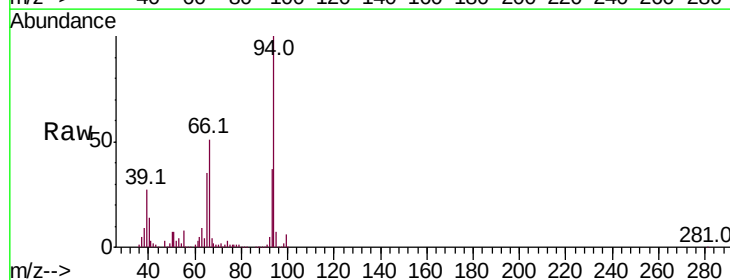
Tgt Ion: 94 Resp: 474606

Ion Ratio Lower Upper

94 100

65 35.2 7.9 47.9

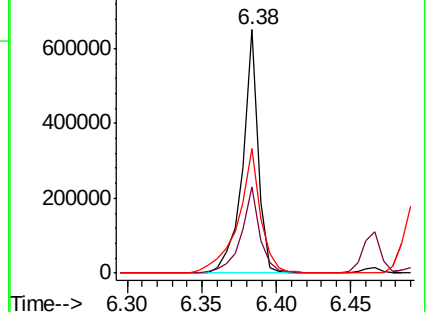
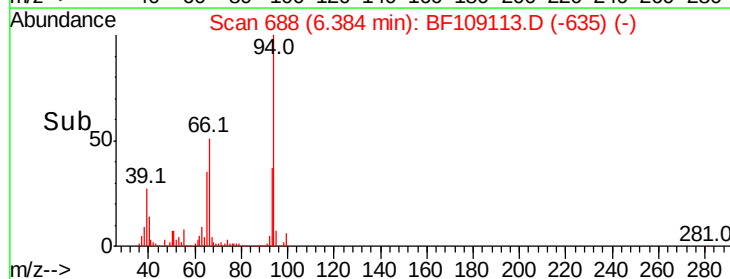
66 51.4 16.2 56.2

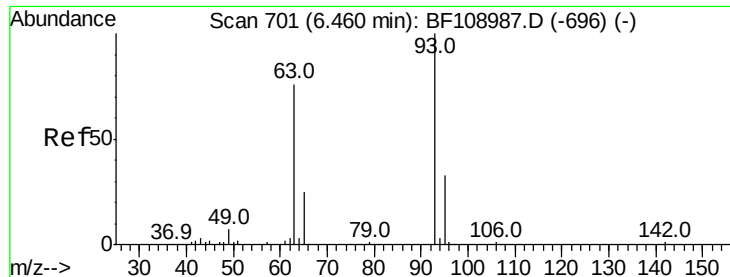


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

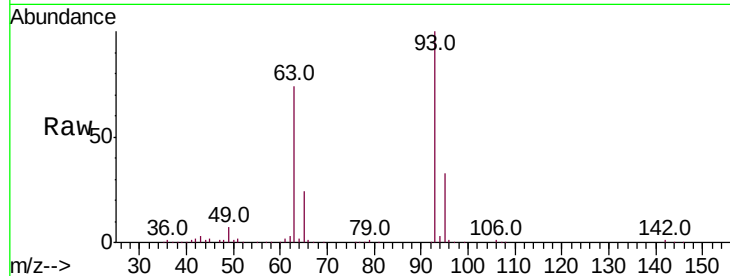




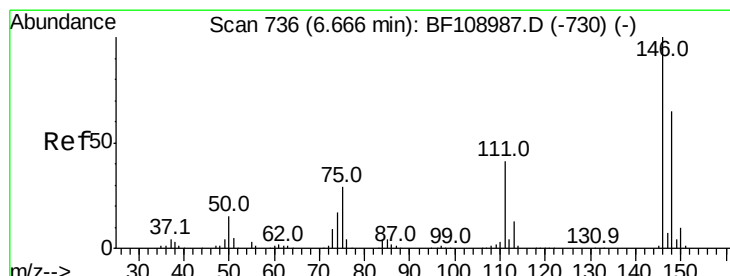
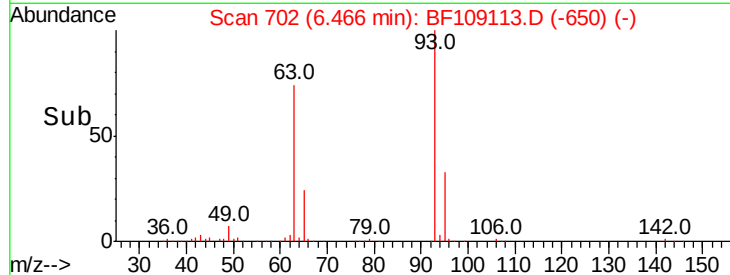
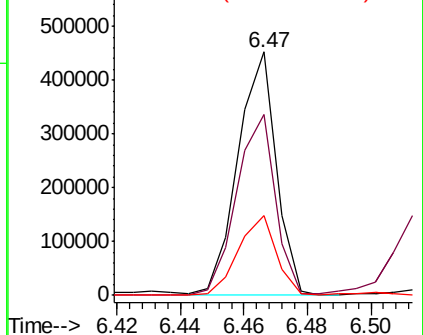
#11
 bis(2-Chloroethyl)ether
 Concen: 37.368 ng
 RT: 6.47 min Scan# 702
 Delta R.T. 0.01 min
 Lab File: BF109113.D
 Acq: 18 Sep 2018 23:11

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 93 Resp: 375891
 Ion Ratio Lower Upper
 93 100
 63 74.3 58.6 98.6
 95 32.8 11.8 51.8

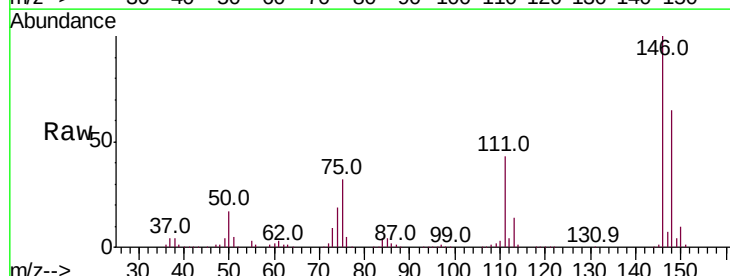


Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1

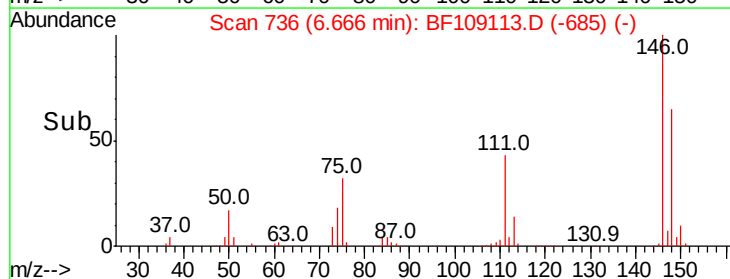
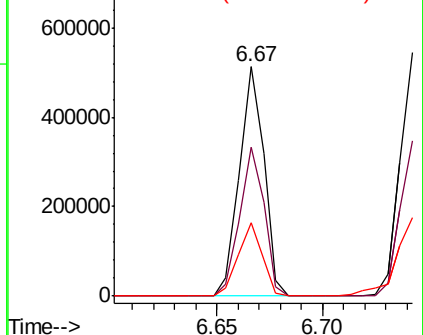


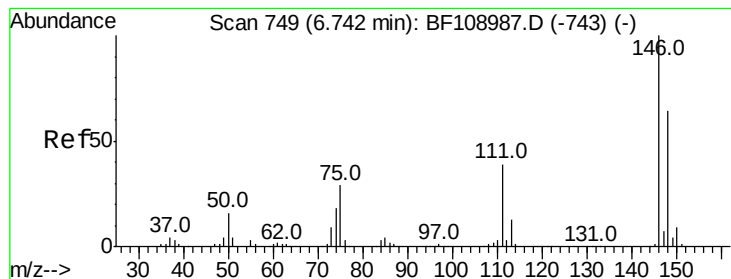
#12
 1,3-Dichlorobenzene
 Concen: 36.675 ng
 RT: 6.67 min Scan# 736
 Delta R.T. 0.00 min
 Lab File: BF109113.D
 Acq: 18 Sep 2018 23:11

Tgt Ion: 146 Resp: 413648
 Ion Ratio Lower Upper
 146 100
 148 65.1 51.8 77.8
 75 32.1 24.2 36.4



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 36.943 ng

RT: 6.74 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF109113.D

Acq: 18 Sep 2018 23:11

Instrument :

BNA_F

ClientSampleId :

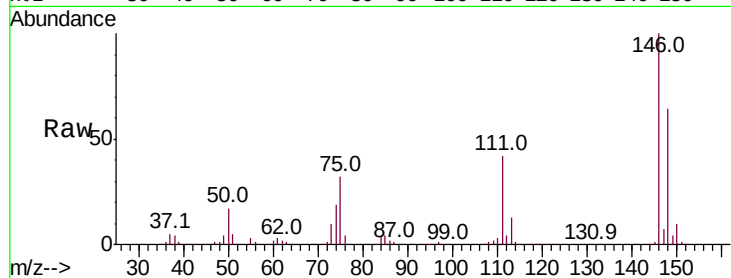
Tot Ion:146 Resp: 418009

Ion Ratio Lower Upper

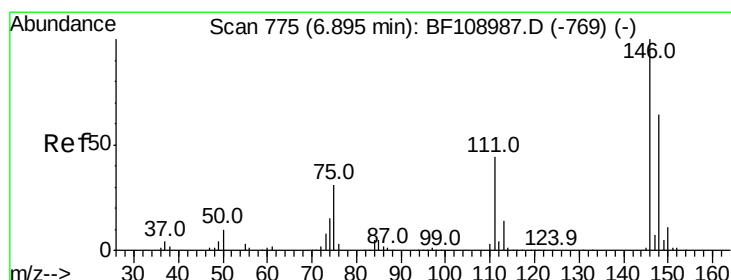
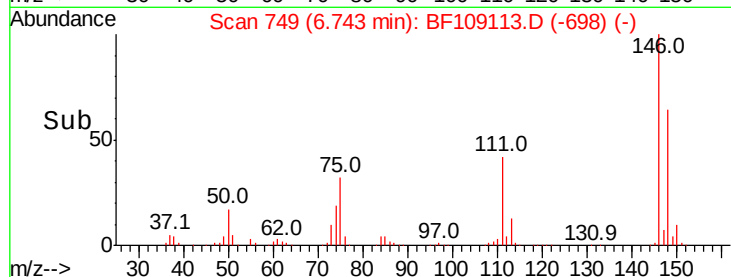
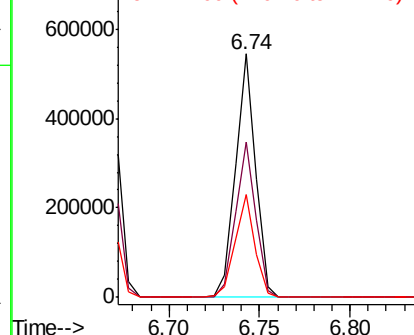
146 100

148 64.0 50.8 76.2

111 42.2 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: 36.865 ng

RT: 6.90 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF109113.D

Acq: 18 Sep 2018 23:11

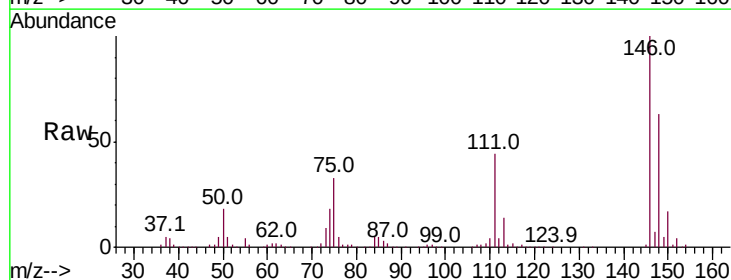
Tgt Ion:146 Resp: 386710

Ion Ratio Lower Upper

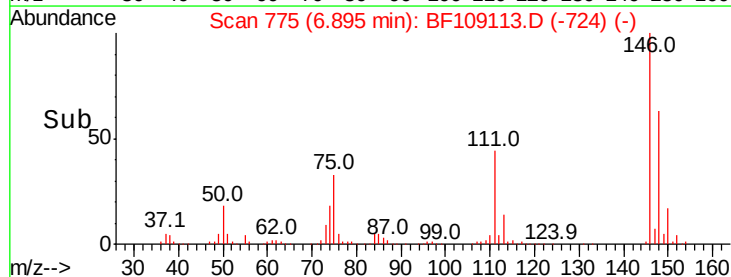
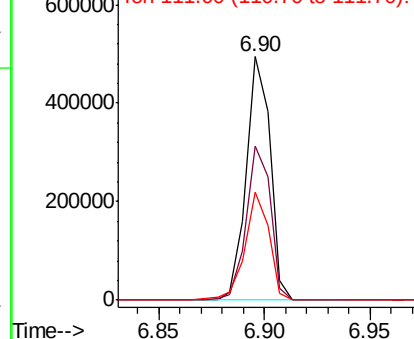
146 100

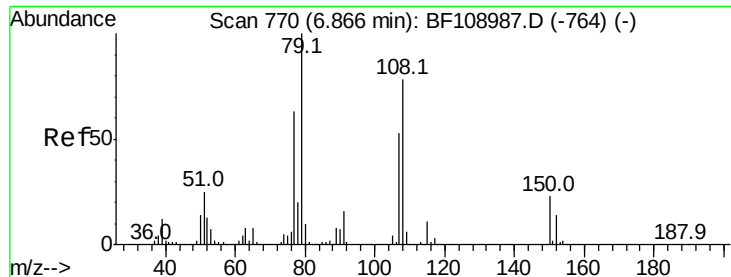
148 63.4 50.6 75.8

111 44.4 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: 39.837 ng

RT: 6.87 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF109113.D

Acq: 18 Sep 2018 23:11

Instrument :

BNA_F

ClientSampled :

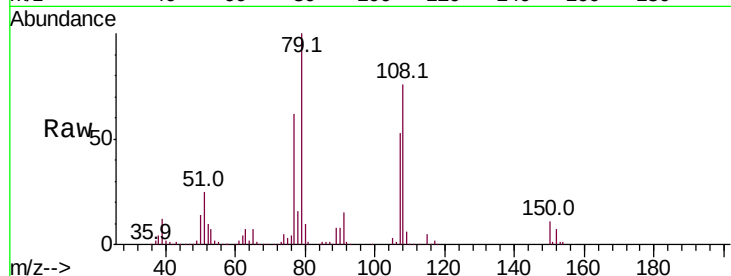
Tot Ion: 79 Resp: 343681

Ion Ratio Lower Upper

79 100

108 75.8 65.1 97.7

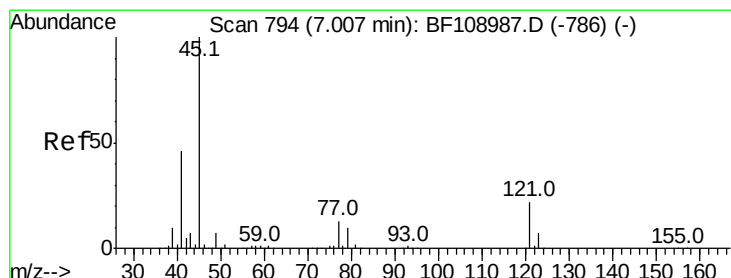
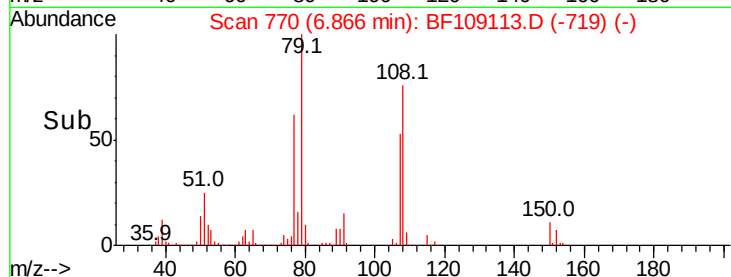
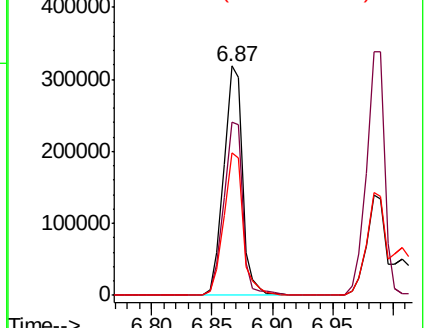
77 62.3 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.615 ng

RT: 7.01 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF109113.D

Acq: 18 Sep 2018 23:11

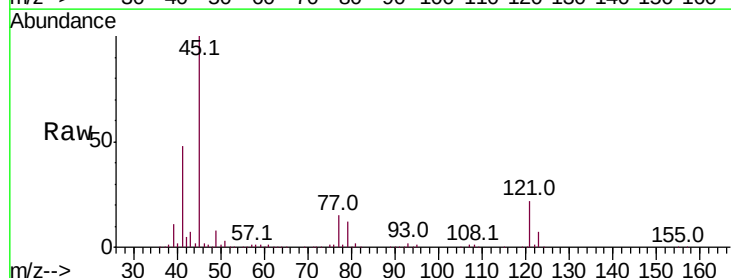
Tgt Ion: 45 Resp: 527736

Ion Ratio Lower Upper

45 100

77 15.0 0.0 32.9

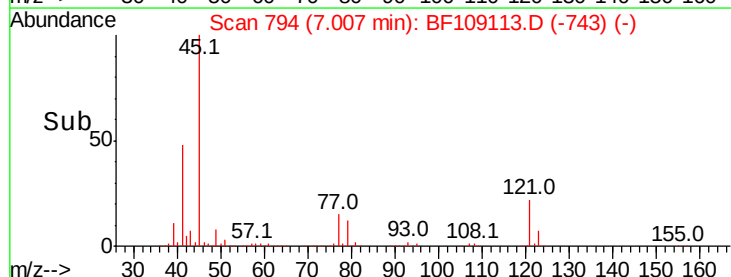
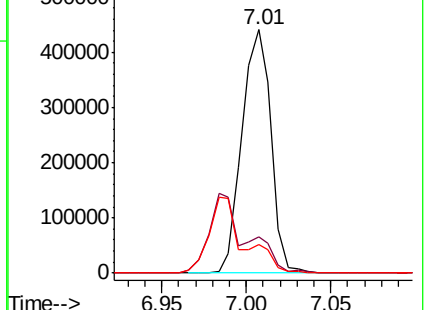
79 11.5 0.0 29.6

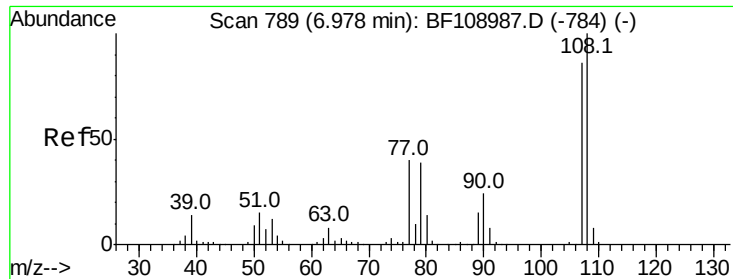


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

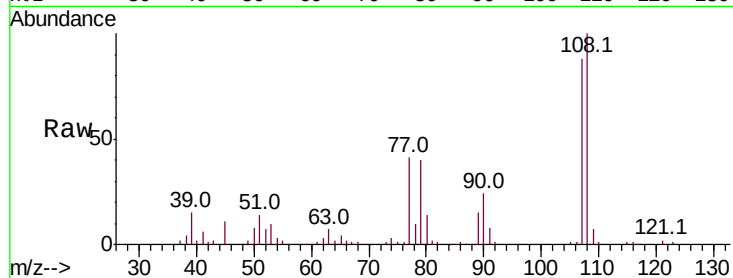




#17
2-Methylphenol
Concen: 38.729 ng
RT: 6.99 min Scan# 791
Delta R.T. 0.01 min
Lab File: BF109113.D
Acq: 18 Sep 2018 23:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	311624
Ion	Ratio	Lower	Upper
107	100		
108	113.6	91.7	137.5
77	46.3	33.8	50.8
79	45.1	33.8	50.8



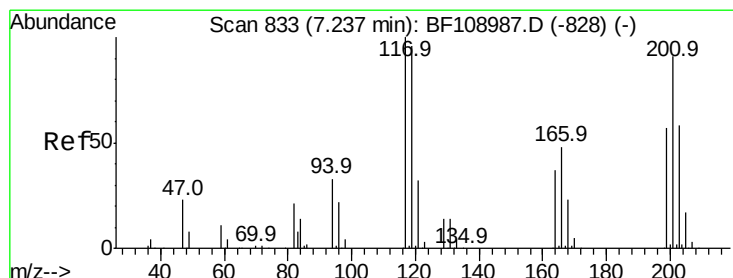
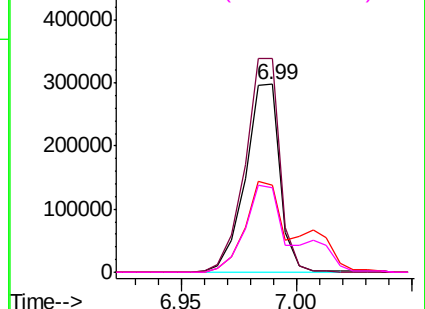
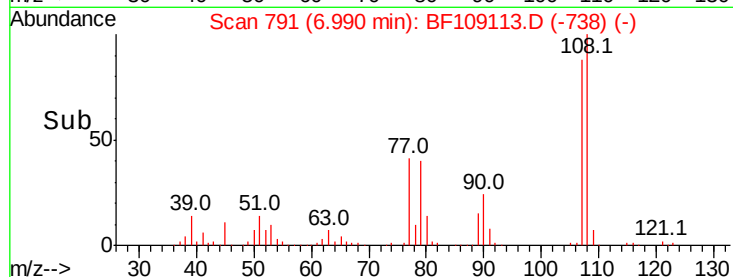
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

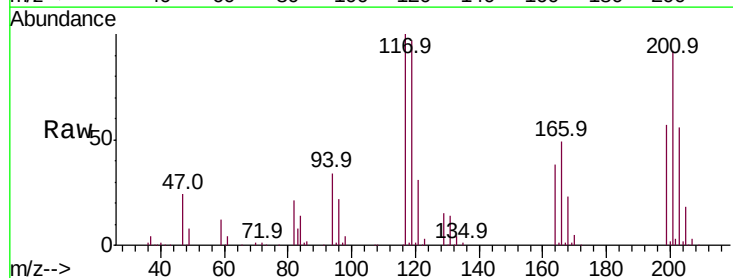
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 33.742 ng
RT: 7.24 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF109113.D
Acq: 18 Sep 2018 23:11

Tgt Ion:	117	Resp:	138661
Ion	Ratio	Lower	Upper
117	100		
119	97.1	75.8	113.8
201	92.2	75.7	113.5

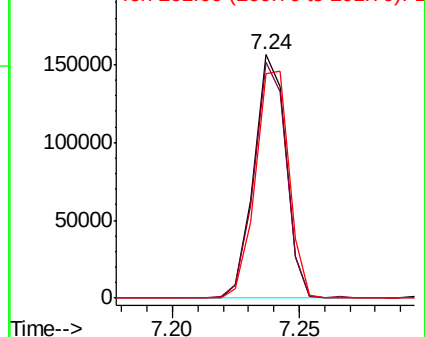
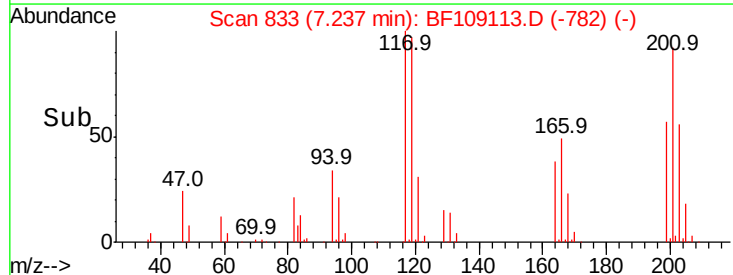


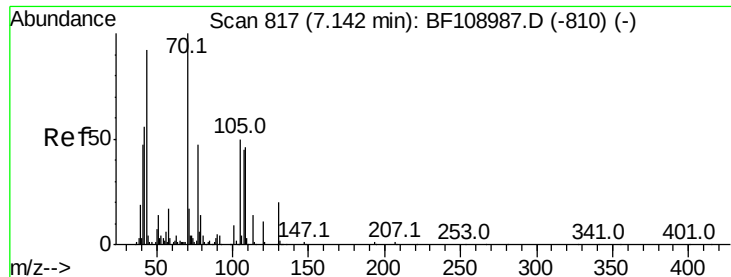
Abundance

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

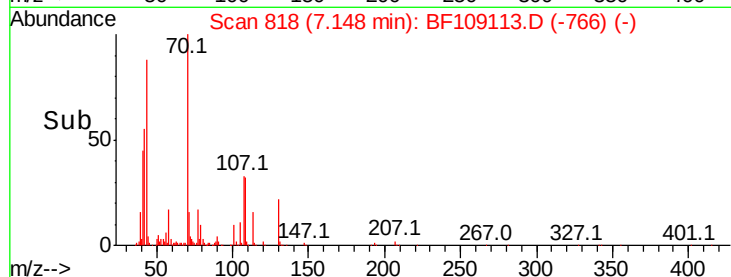
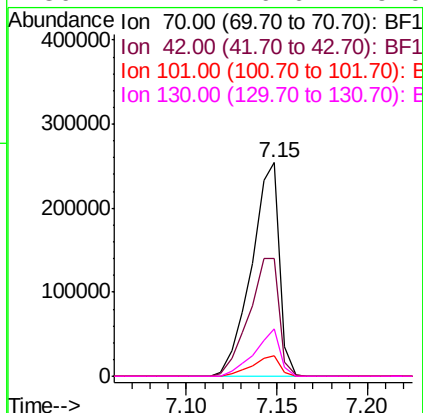
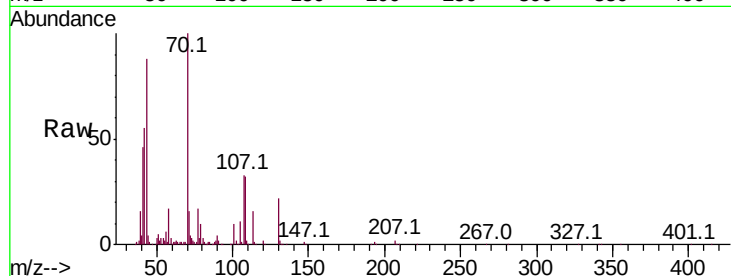




#19
n-Nitroso-di-n-propylamine
Concen: 36.177 ng
RT: 7.15 min Scan# 818
Delta R.T. 0.01 min
Lab File: BF109113.D
Acq: 18 Sep 2018 23:11

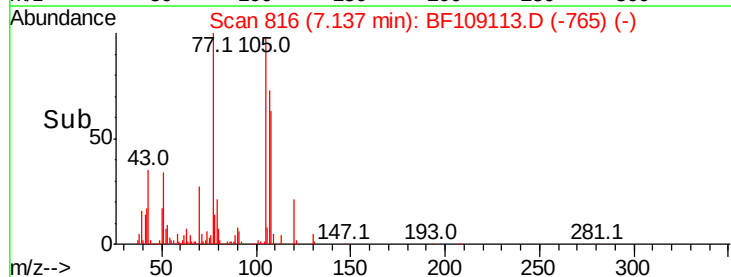
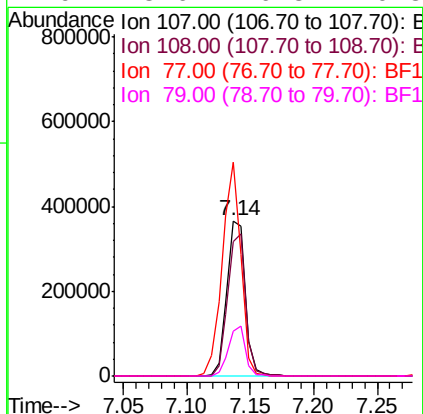
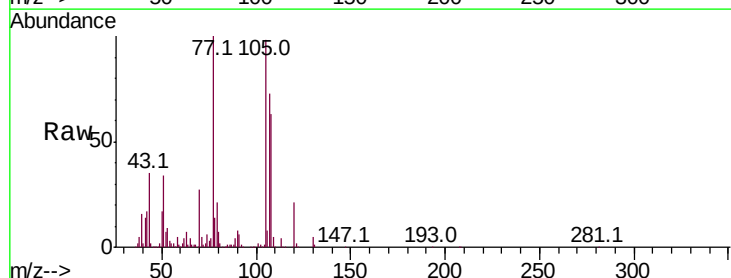
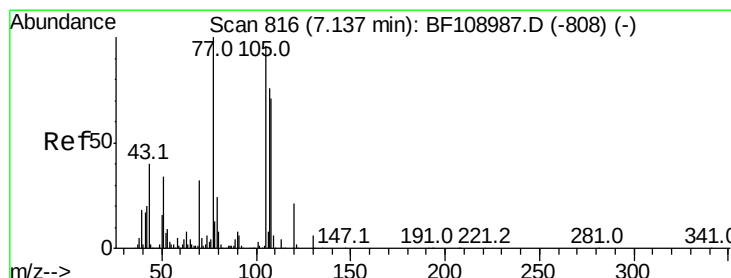
Instrument :
BNA_F
ClientSampleId :

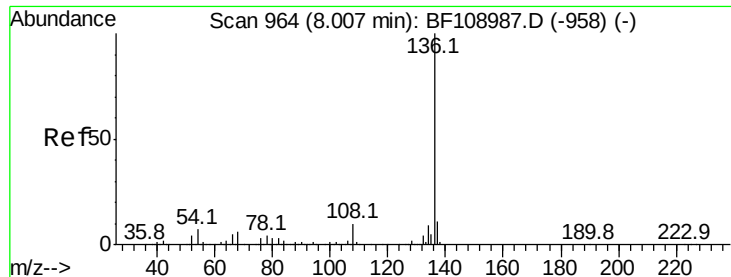
Tot Ion:	70	Resp:	271741
Ion	Ratio	Lower	Upper
70	100		
42	55.0	47.5	71.3
101	9.6	7.4	11.2
130	22.4	16.6	25.0



#20
3+4-Methylphenols
Concen: 37.788 ng
RT: 7.14 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF109113.D
Acq: 18 Sep 2018 23:11

Tgt Ion:	107	Resp:	366192
Ion	Ratio	Lower	Upper
107	100		
108	87.0	68.2	108.2
77	137.8	26.7	66.7#
79	28.6	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 964

Delta R.T. 0.00 min

Lab File: BF109113.D

Acq: 18 Sep 2018 23:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 507203

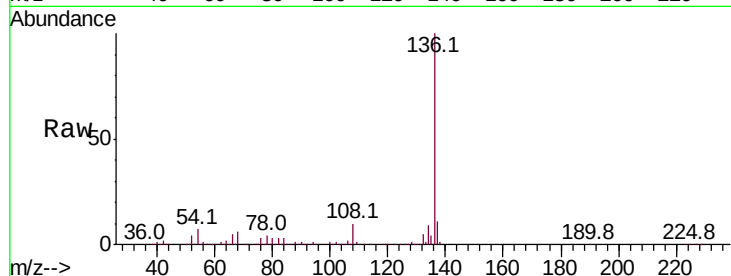
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 6.9 6.6 9.8

68 5.8 5.0 7.4

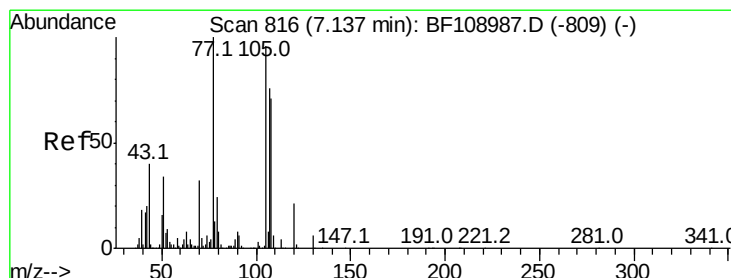
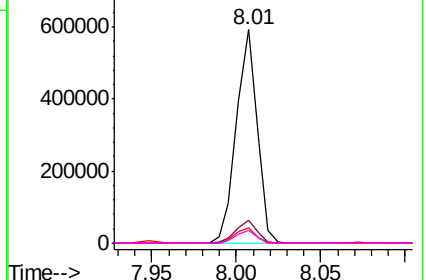
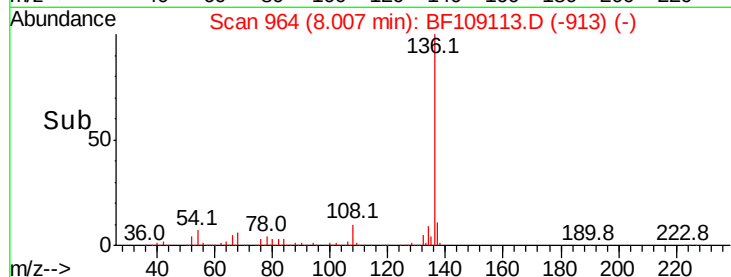


Abundance Ion 136.00 (135.70 to 136.70): E

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: 44.388 ng

RT: 7.14 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF109113.D

Acq: 18 Sep 2018 23:11

Tgt Ion:105 Resp: 511284

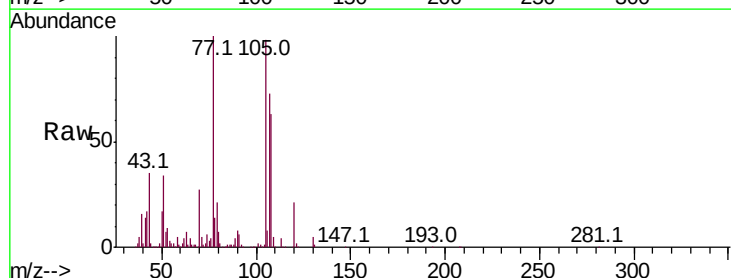
Ion Ratio Lower Upper

105 100

71 4.6 4.4 6.6

51 34.9 22.3 33.5#

120 21.5 16.9 25.3

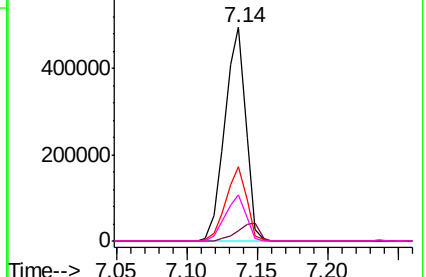
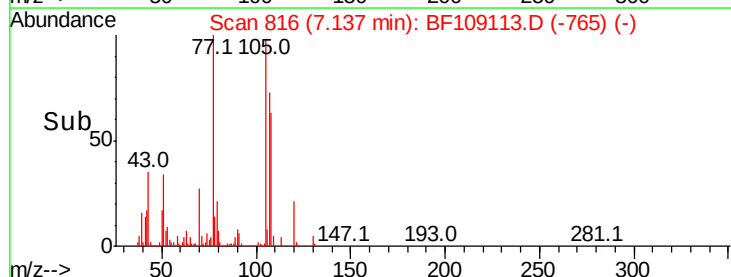


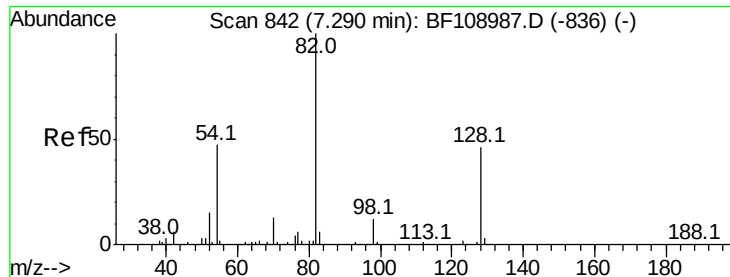
Abundance Ion 105.00 (104.70 to 105.70): E

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

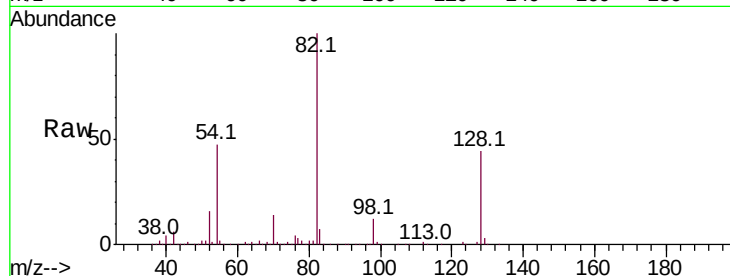




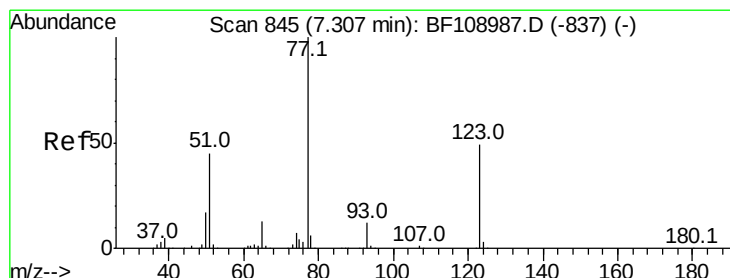
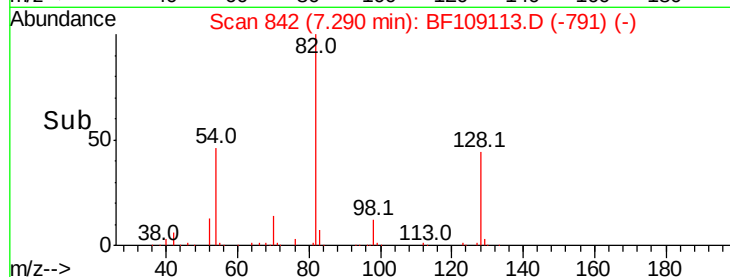
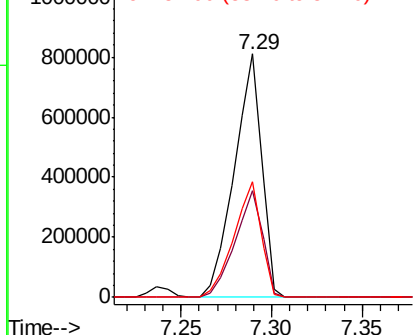
#23
Nitrobenzene-d5
Concen: 93.959 ng
RT: 7.29 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF109113.D
Acq: 18 Sep 2018 23:11

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 849670
Ion Ratio Lower Upper
82 100
128 44.0 36.1 54.1
54 47.3 41.4 62.2

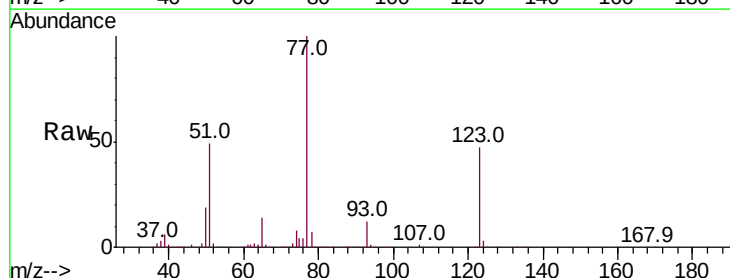


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

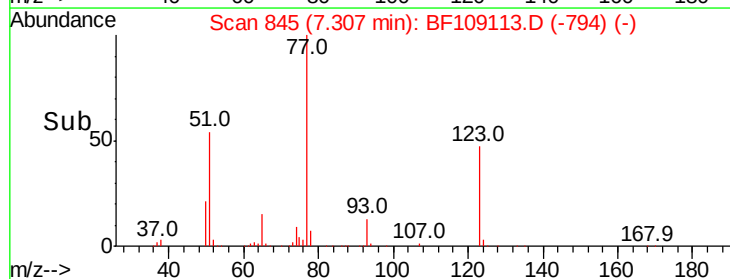
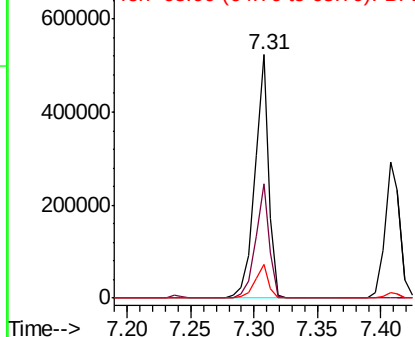


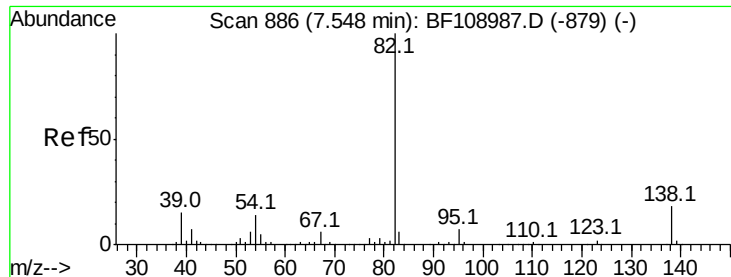
#24
Nitrobenzene
Concen: 42.668 ng
RT: 7.31 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF109113.D
Acq: 18 Sep 2018 23:11

Tgt Ion: 77 Resp: 397812
Ion Ratio Lower Upper
77 100
123 47.0 37.9 56.9
65 13.6 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: 46.440 ng

RT: 7.55 min Scan# 886

Delta R.T. 0.00 min

Lab File: BF109113.D

Acq: 18 Sep 2018 23:11

Instrument :

BNA_F

ClientSampled :

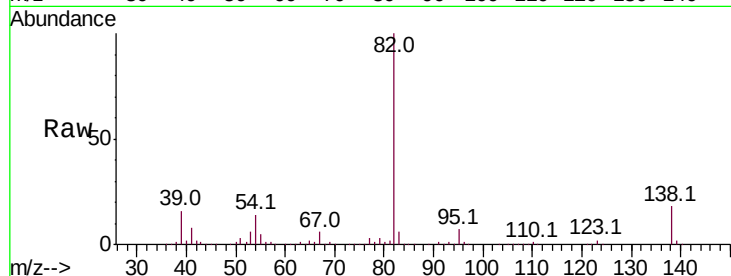
Tot Ion: 82 Resp: 721884

Ion Ratio Lower Upper

82 100

95 7.3 5.2 7.8

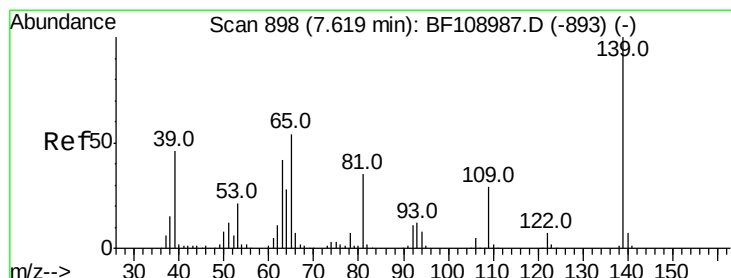
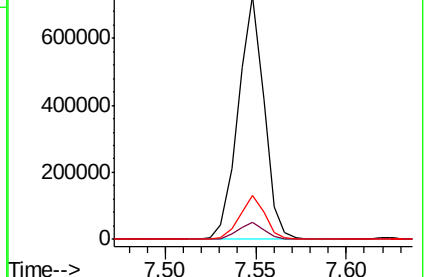
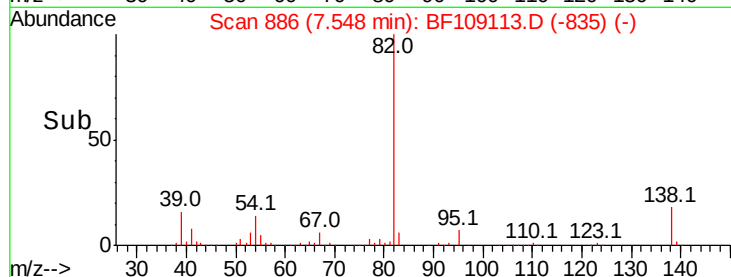
138 18.0 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 36.106 ng

RT: 7.62 min Scan# 899

Delta R.T. 0.01 min

Lab File: BF109113.D

Acq: 18 Sep 2018 23:11

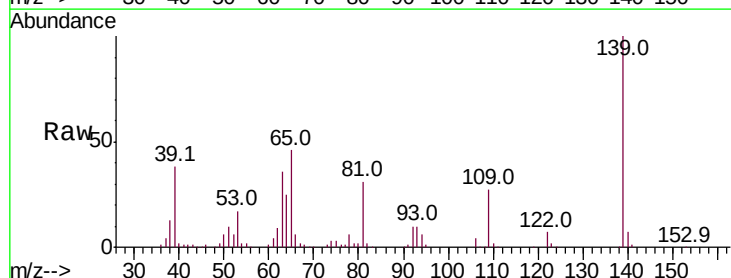
Tgt Ion:139 Resp: 157189

Ion Ratio Lower Upper

139 100

109 27.1 22.7 34.1

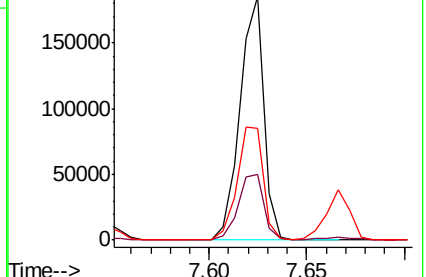
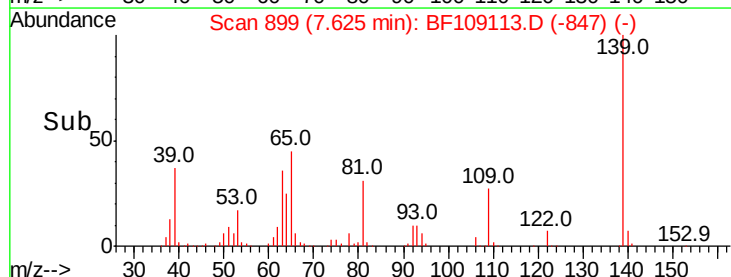
65 45.7 40.5 60.7

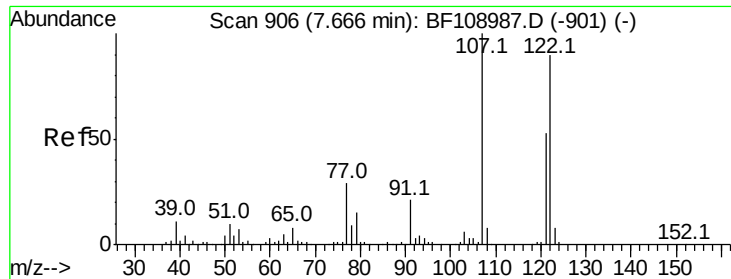


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

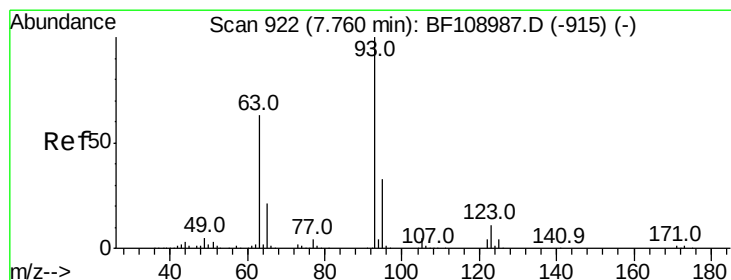
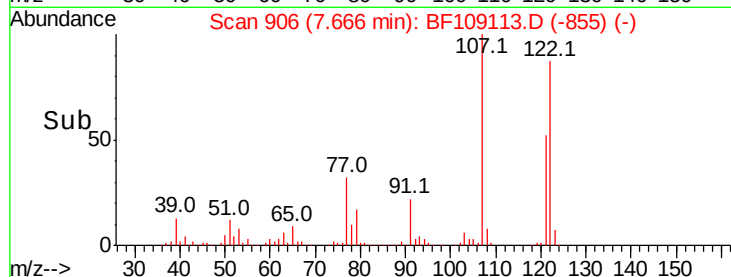
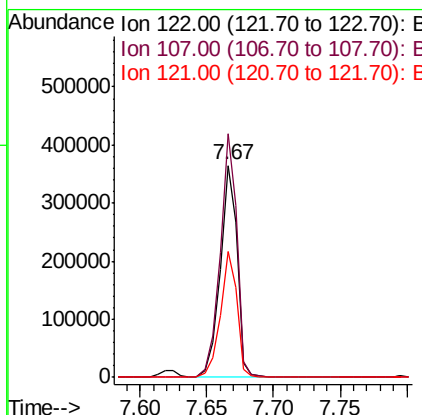
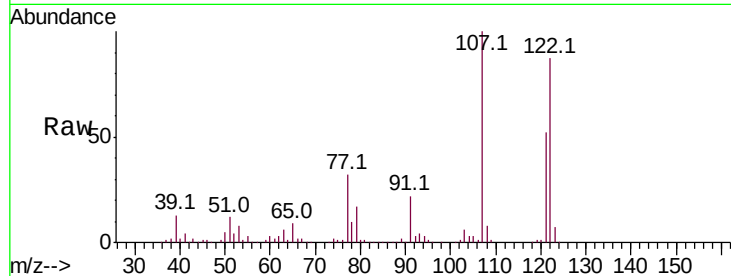




#27
2,4-Dimethylphenol
Concen: 48.074 ng
RT: 7.67 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF109113.D
Acq: 18 Sep 2018 23:11

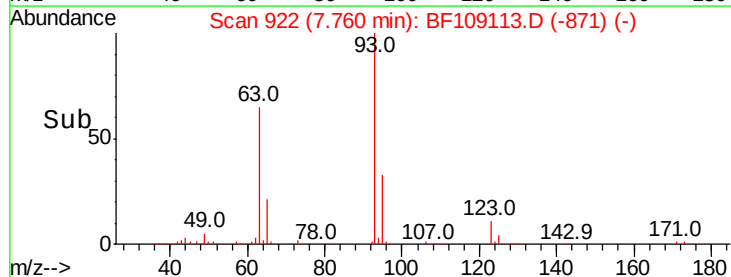
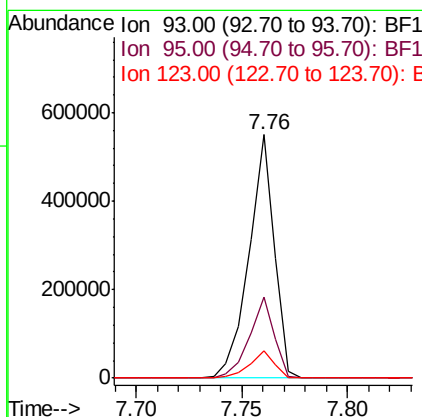
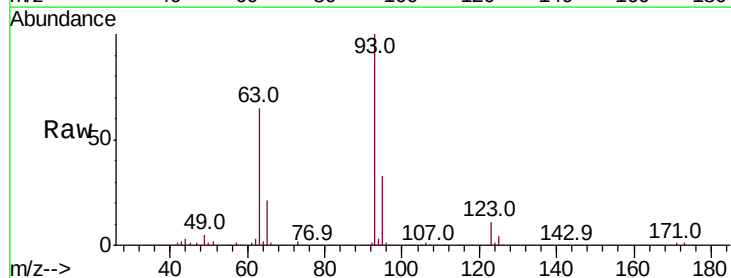
Instrument :
BNA_F
ClientSampleId :

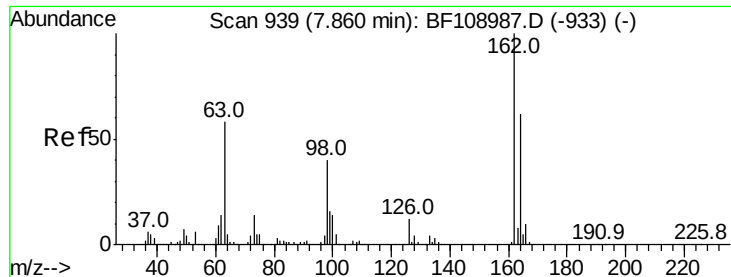
Tot Ion:122 Resp: 328296
Ion Ratio Lower Upper
122 100
107 114.9 91.2 136.8
121 59.4 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 43.983 ng
RT: 7.76 min Scan# 922
Delta R.T. 0.00 min
Lab File: BF109113.D
Acq: 18 Sep 2018 23:11

Tgt Ion: 93 Resp: 460090
Ion Ratio Lower Upper
93 100
95 33.2 26.3 39.5
123 11.2 9.8 14.6

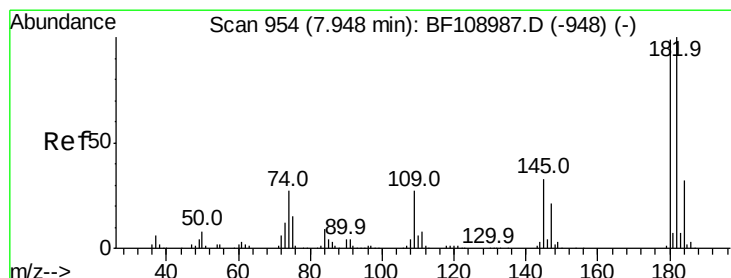
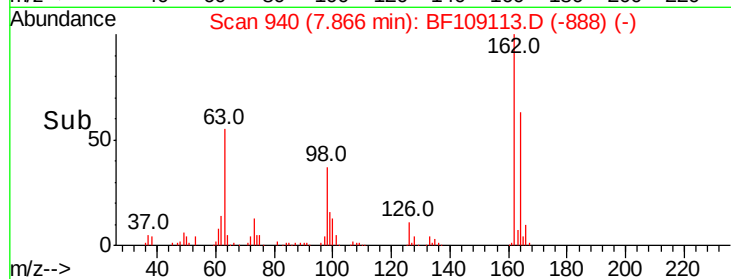
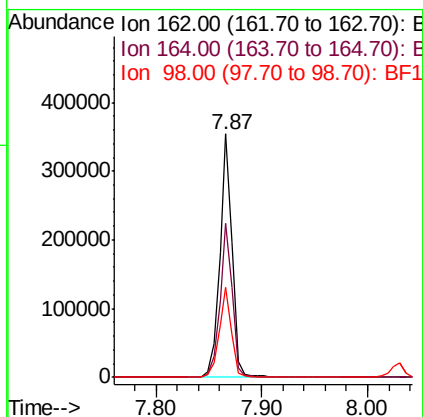
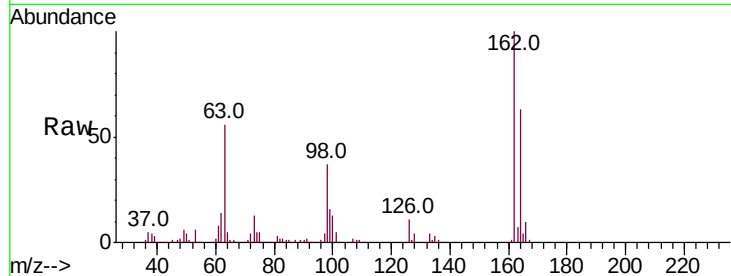




#29
2,4-Dichlorophenol
Concen: 40.359 ng
RT: 7.87 min Scan# 940
Delta R.T. 0.01 min
Lab File: BF109113.D
Acq: 18 Sep 2018 23:11

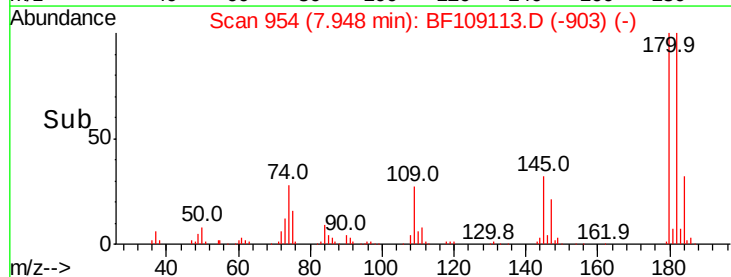
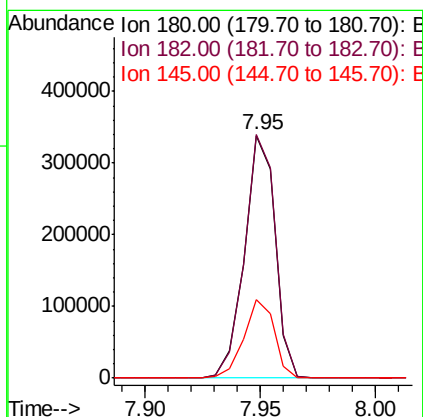
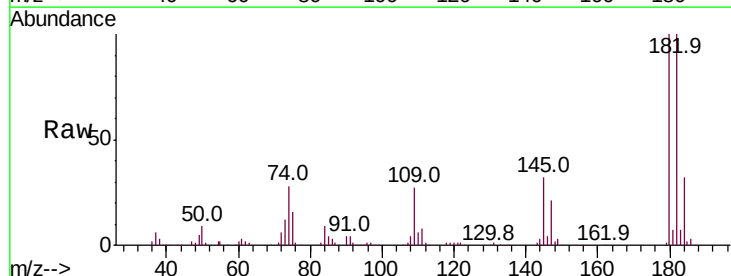
Instrument :
BNA_F
ClientSampleId :

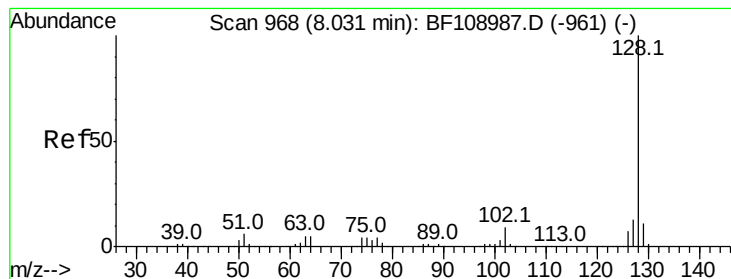
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	42.7	82.7
98	37.0	18.1	58.1



#30
1,2,4-Trichlorobenzene
Concen: 40.156 ng
RT: 7.95 min Scan# 954
Delta R.T. 0.00 min
Lab File: BF109113.D
Acq: 18 Sep 2018 23:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.2	76.8	115.2
145	32.5	26.5	39.7





#31

Naphthalene

Concen: 53.780 ng

RT: 8.03 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF109113.D

Acq: 18 Sep 2018 23:11

Instrument :

BNA_F

ClientSampleId :

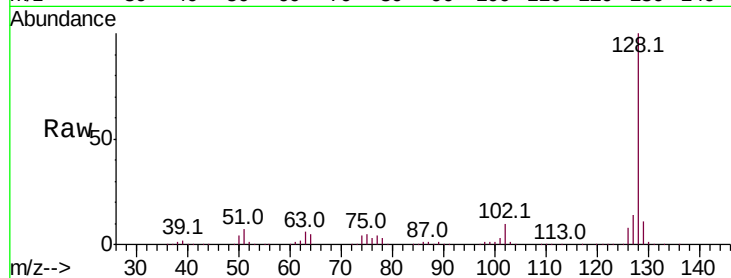
Tot Ion:128 Resp: 1266048

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

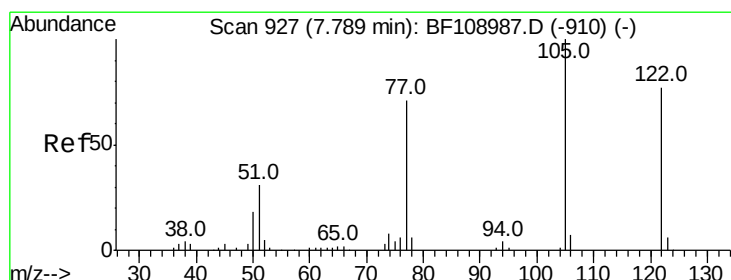
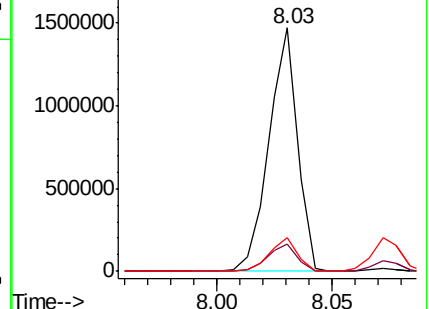
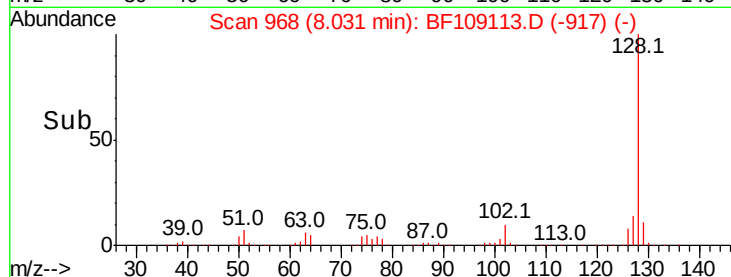
127 13.8 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 73.573 ng

RT: 7.67 min Scan# 906

Delta R.T. -0.12 min

Lab File: BF109113.D

Acq: 18 Sep 2018 23:11

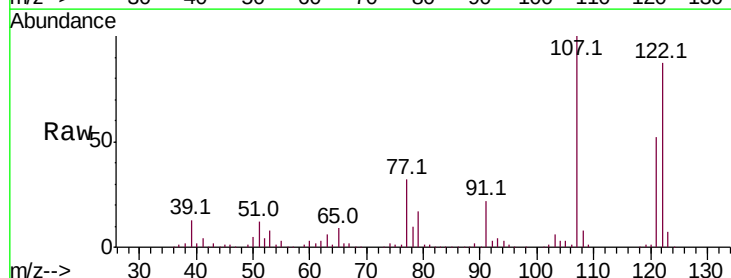
Tgt Ion:122 Resp: 328296

Ion Ratio Lower Upper

122 100

105 3.6 101.1 141.1#

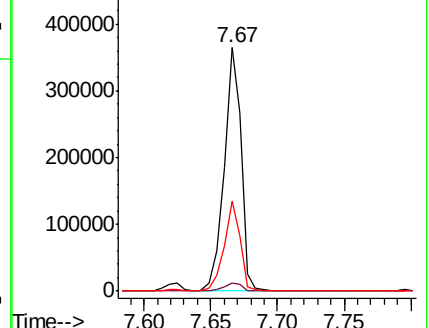
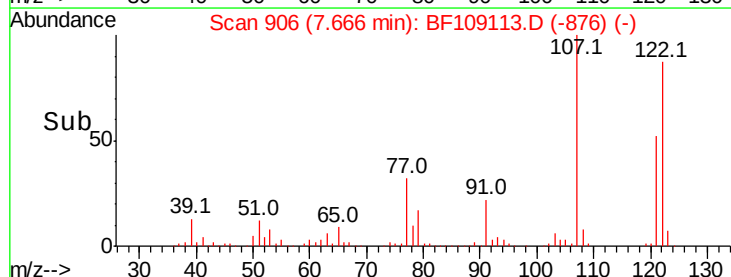
77 37.2 70.7 110.7#

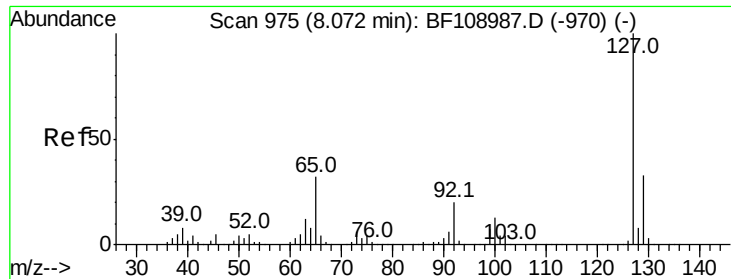


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

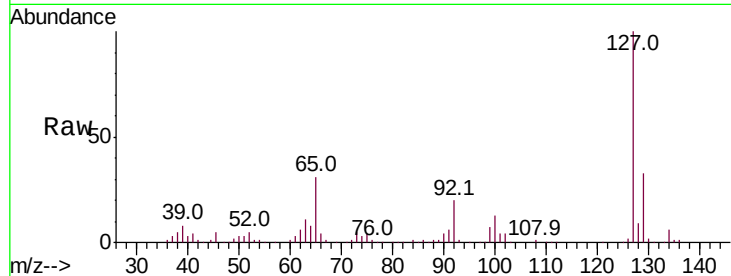




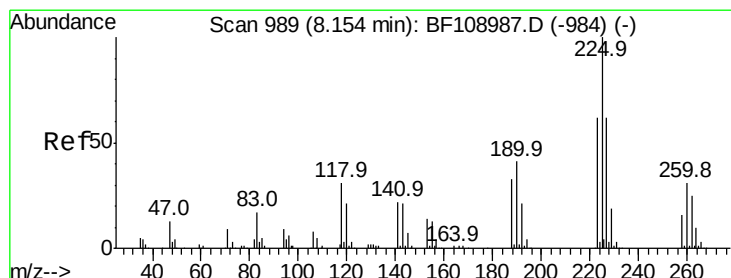
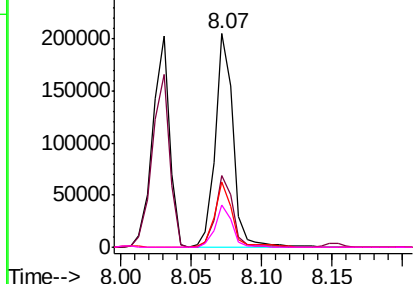
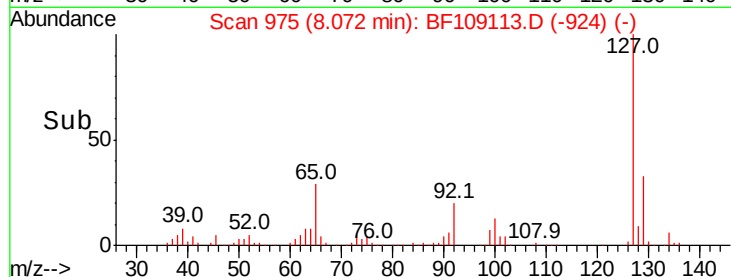
#33
4-Chloroaniline
Concen: 17.301 ng
RT: 8.07 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF109113.D
Acq: 18 Sep 2018 23:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	181084
Ion	Ratio	Lower	Upper
127	100		
129	33.3	25.9	38.9
65	30.6	25.0	37.4
92	19.6	15.2	22.8

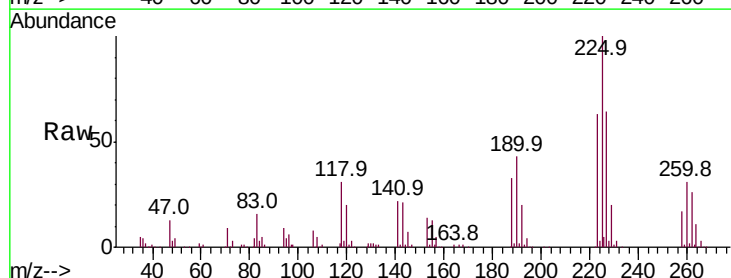


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

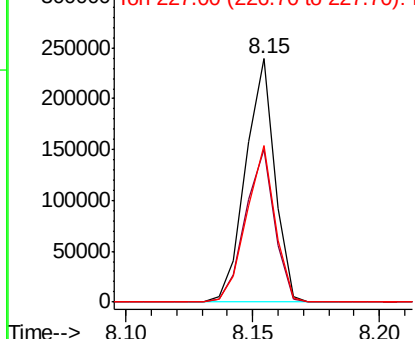
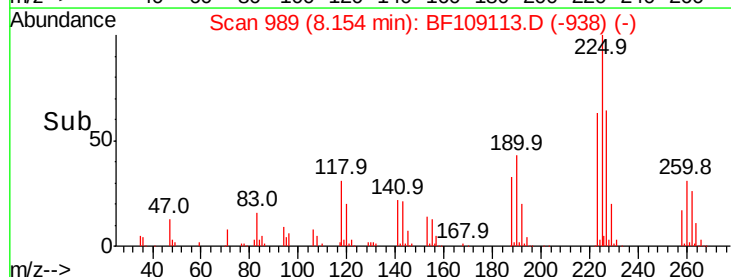


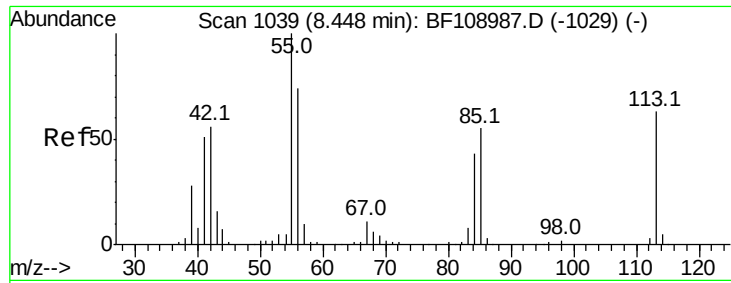
#34
Hexachlorobutadiene
Concen: 39.797 ng
RT: 8.15 min Scan# 989
Delta R.T. 0.00 min
Lab File: BF109113.D
Acq: 18 Sep 2018 23:11

Tgt Ion:	225	Resp:	191124
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.6	76.0
227	64.1	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

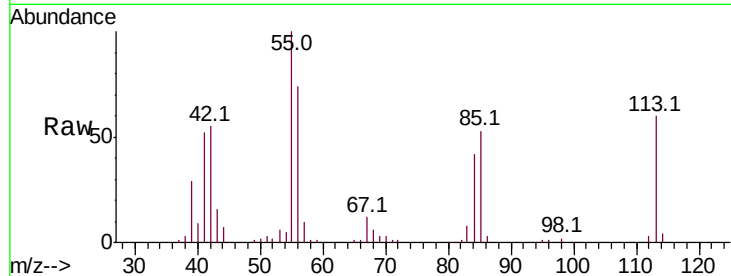




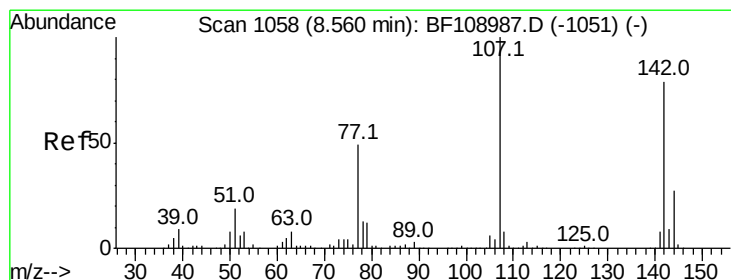
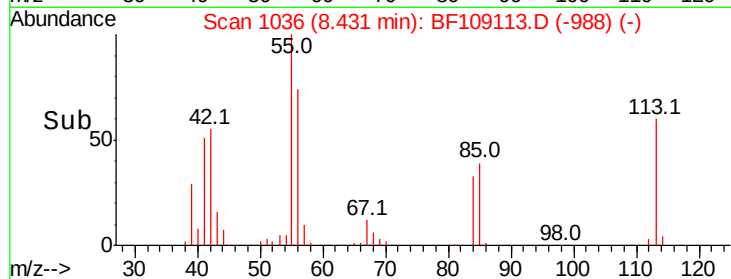
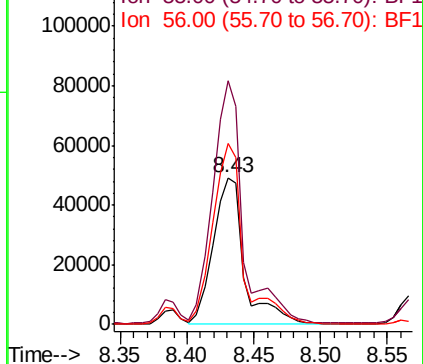
#35
 Caprolactam
 Concen: 34.297 ng
 RT: 8.43 min Scan# 1036
 Delta R.T. -0.02 min
 Lab File: BF109113.D
 Acq: 18 Sep 2018 23:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 81372
 Ion Ratio Lower Upper
 113 100
 55 166.2 163.3 203.3
 56 123.0 115.7 155.7

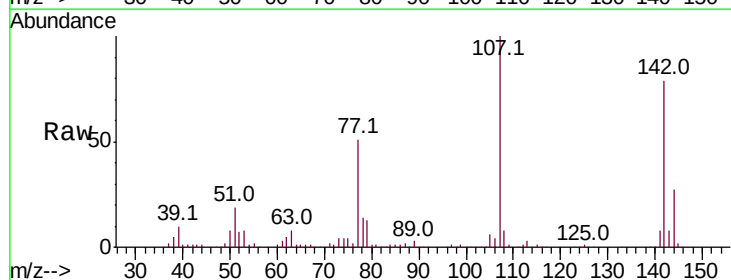


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

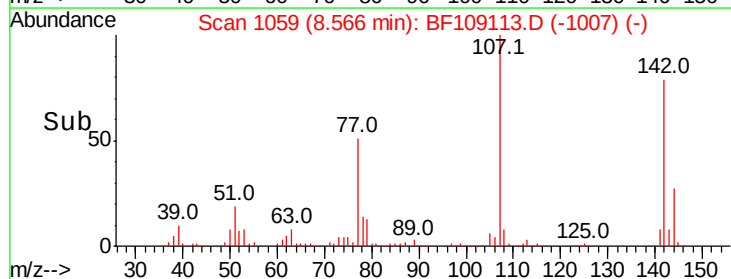
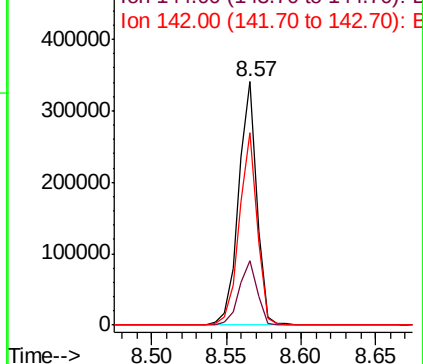


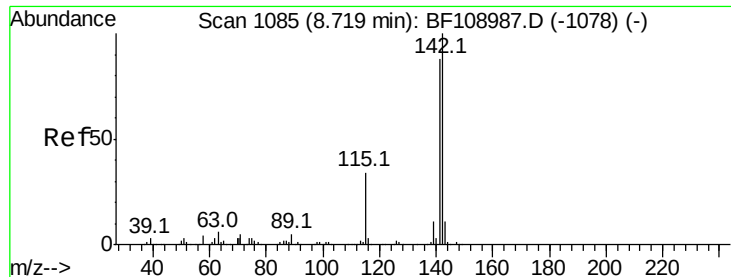
#36
 4-Chloro-3-methylphenol
 Concen: 38.142 ng
 RT: 8.57 min Scan# 1059
 Delta R.T. 0.01 min
 Lab File: BF109113.D
 Acq: 18 Sep 2018 23:11

Tgt Ion:107 Resp: 292200
 Ion Ratio Lower Upper
 107 100
 144 26.6 20.5 30.7
 142 78.9 62.0 93.0



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

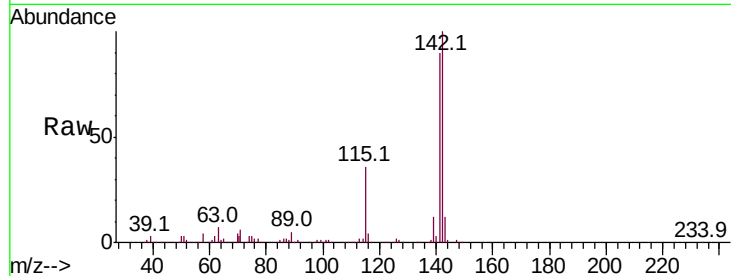




#37
2-Methylnaphthalene
Concen: 46.532 ng
RT: 8.72 min Scan# 1085
Delta R.T. 0.00 min
Lab File: BF109113.D
Acq: 18 Sep 2018 23:11

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	70.8	106.2
115	35.6	26.1	39.1

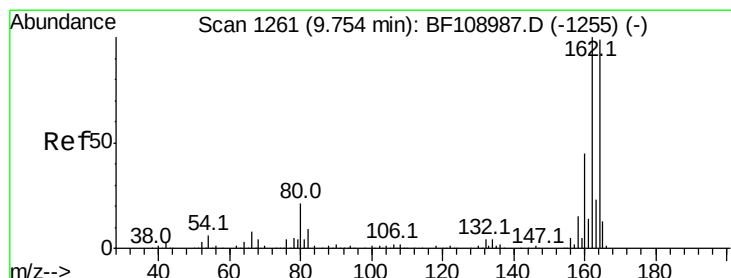
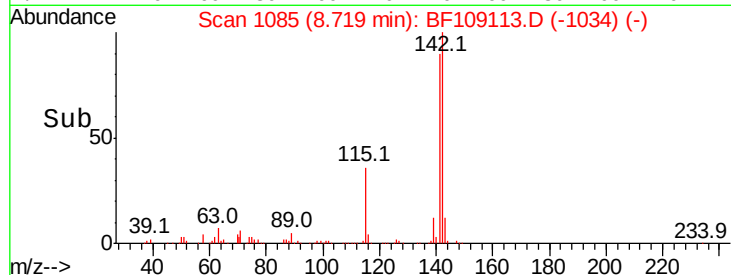
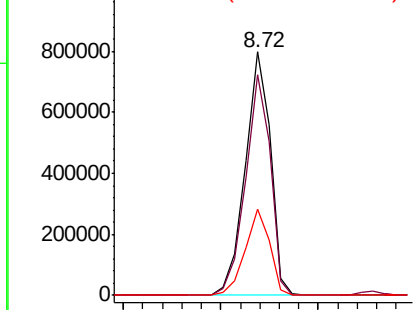


Abundance

Ion 142.00 (141.70 to 142.70): E

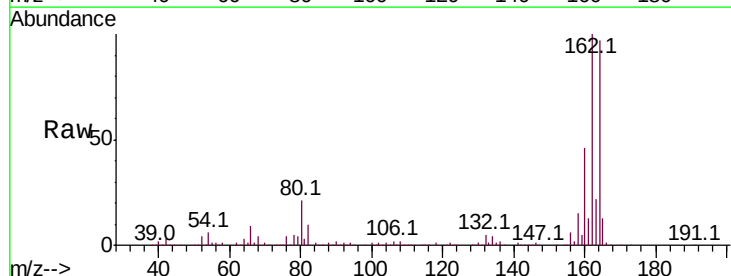
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BF109113.D
Acq: 18 Sep 2018 23:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	86.1	129.1
160	47.3	38.3	57.5

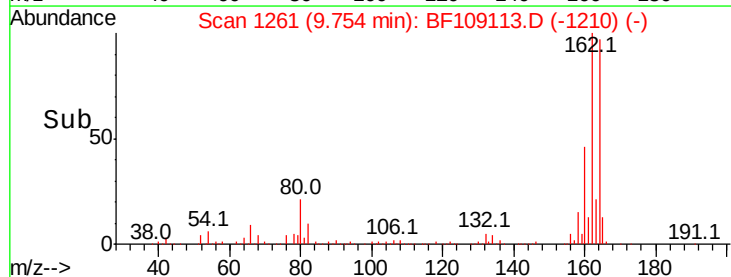
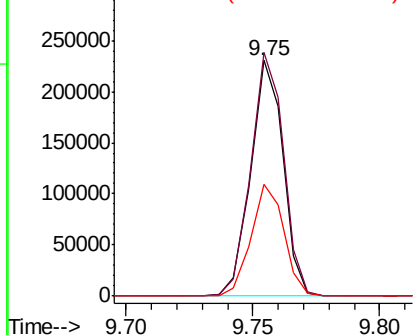


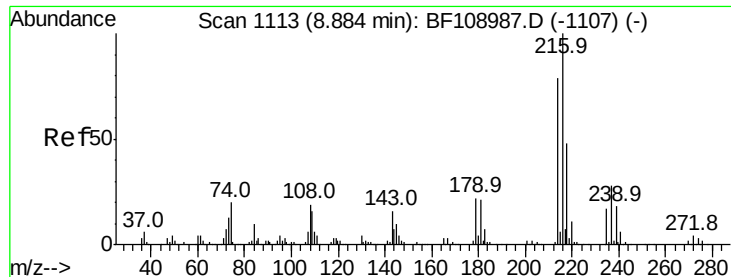
Abundance

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

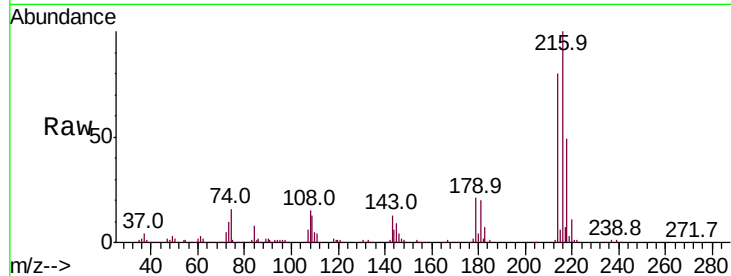




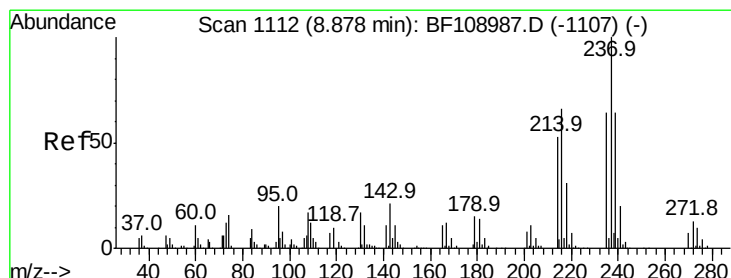
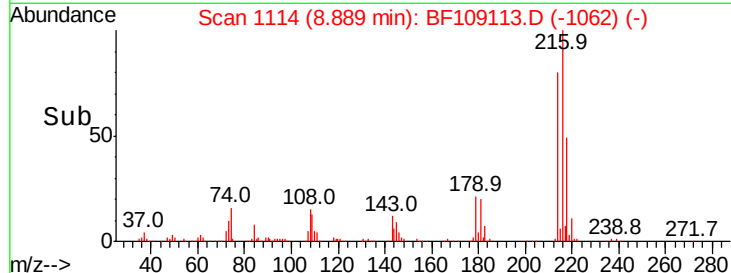
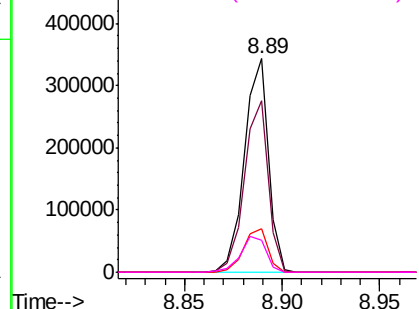
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.366 ng
 RT: 8.89 min Scan# 1114
 Delta R.T. 0.01 min
 Lab File: BF109113.D
 Acq: 18 Sep 2018 23:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	293338
Ion Ratio	Lower	Upper	
216	100		
214	79.6	63.0	94.4
179	20.9	18.1	27.1
108	18.1	17.2	25.8

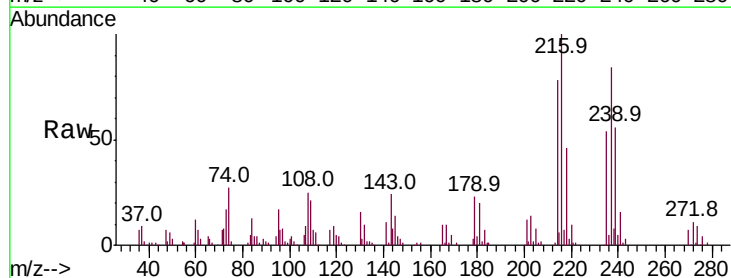


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

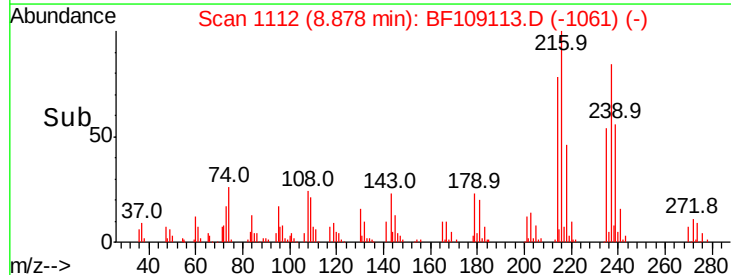
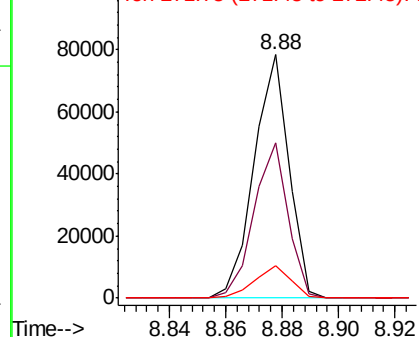


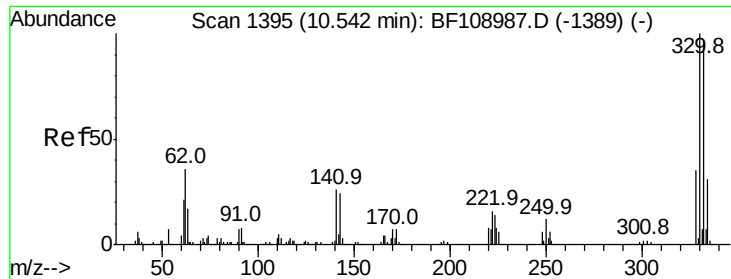
#40
 Hexachlorocyclopentadiene
 Concen: 20.655 ng
 RT: 8.88 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BF109113.D
 Acq: 18 Sep 2018 23:11

Tgt Ion:	237	Resp:	67290
Ion Ratio	Lower	Upper	
237	100		
235	63.9	44.8	84.8
272	13.5	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

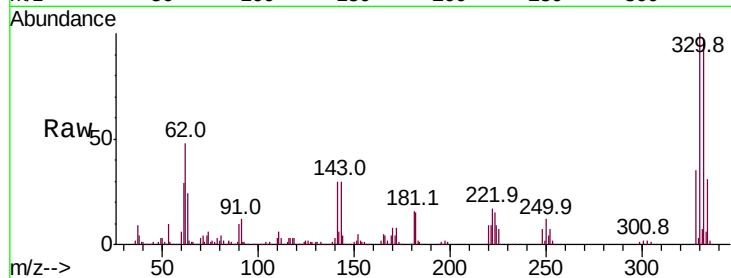




#41
 2,4,6-Tribromophenol
 Concen: 118.041 ng
 RT: 10.54 min Scan# 1395
 Delta R.T. 0.00 min
 Lab File: BF109113.D
 Acq: 18 Sep 2018 23:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	32.2	29.9	44.9

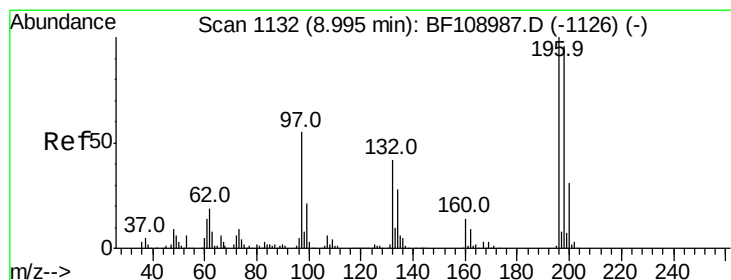
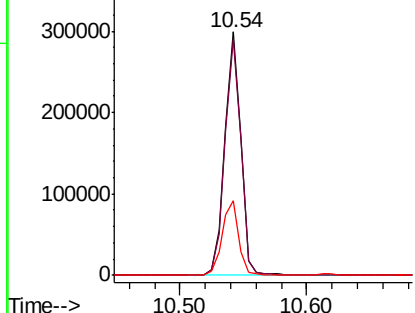
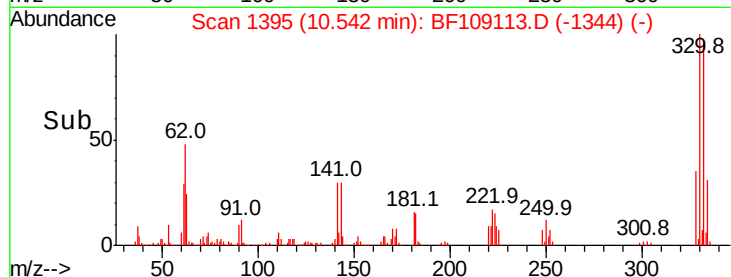


Abundance

Ion 329.80 (329.50 to 330.50): E

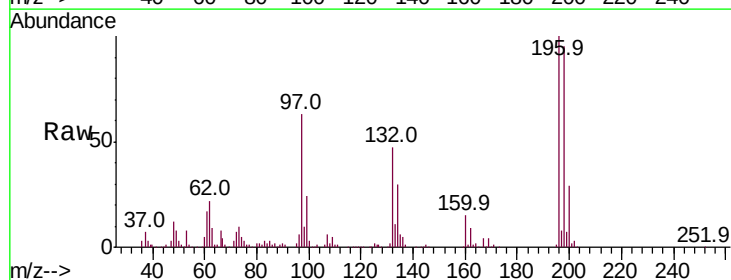
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 42.232 ng
 RT: 9.00 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: BF109113.D
 Acq: 18 Sep 2018 23:11

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.1	75.7	113.5
200	29.1	24.5	36.7

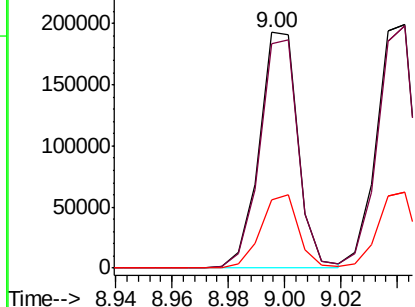
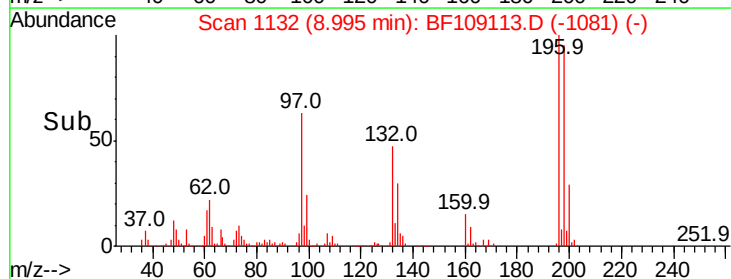


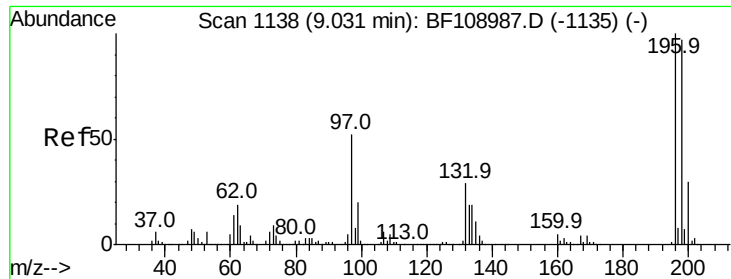
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

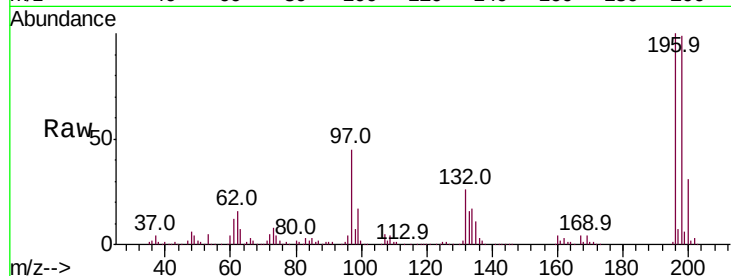




#43
 2,4,5-Trichlorophenol
 Concen: 42.155 ng
 RT: 9.04 min Scan# 1140
 Delta R.T. 0.01 min
 Lab File: BF109113.D
 Acq: 18 Sep 2018 23:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	191457
Ion	Ratio	Lower	Upper
196	100		
198	99.3	74.6	112.0
97	44.8	42.9	64.3
132	26.4	26.3	39.5



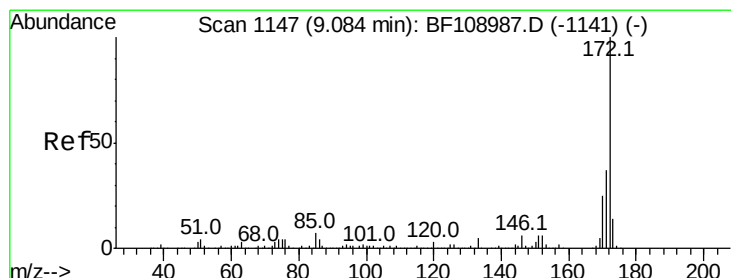
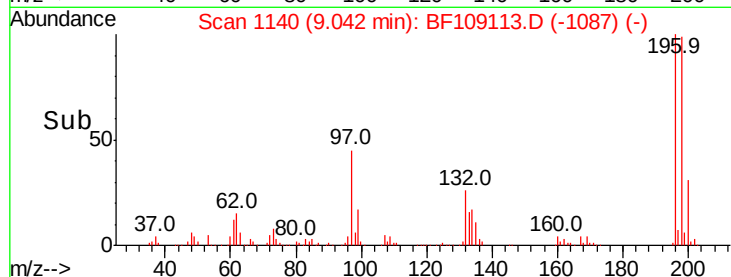
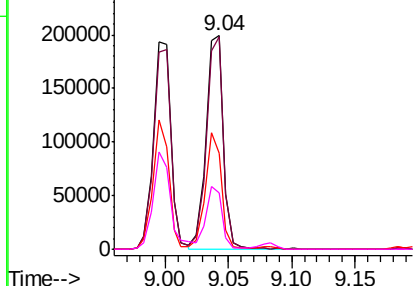
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

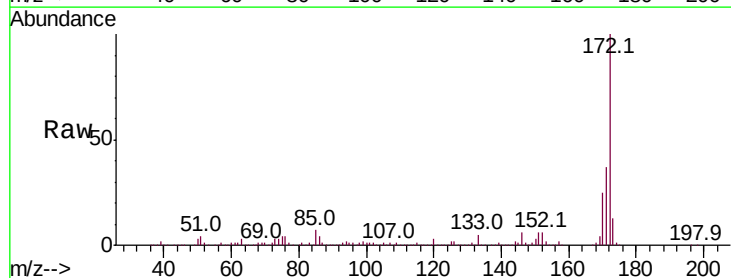
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 96.155 ng
 RT: 9.08 min Scan# 1147
 Delta R.T. 0.00 min
 Lab File: BF109113.D
 Acq: 18 Sep 2018 23:11

Tgt Ion:	172	Resp:	1260857
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.7	19.6	29.4

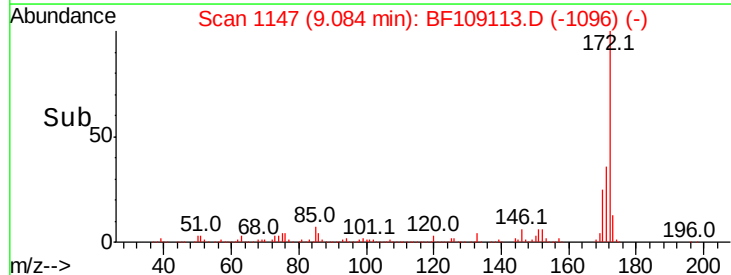
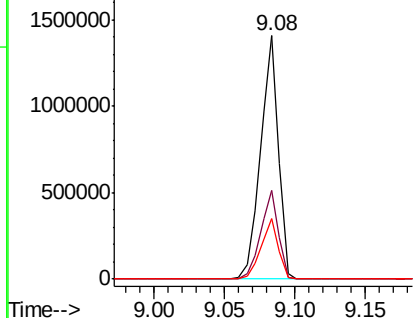


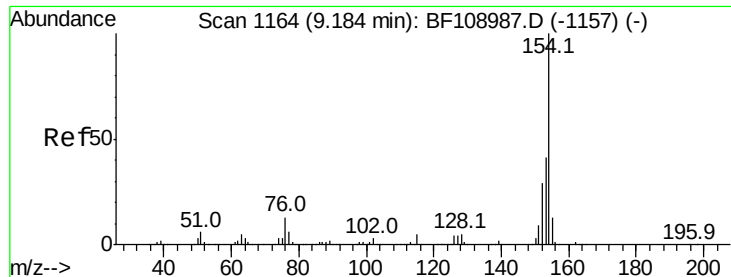
Abundance

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: 47.130 ng

RT: 9.18 min Scan# 1164

Delta R.T. 0.00 min

Lab File: BF109113.D

Acq: 18 Sep 2018 23:11

Instrument :

BNA_F

ClientSampleId :

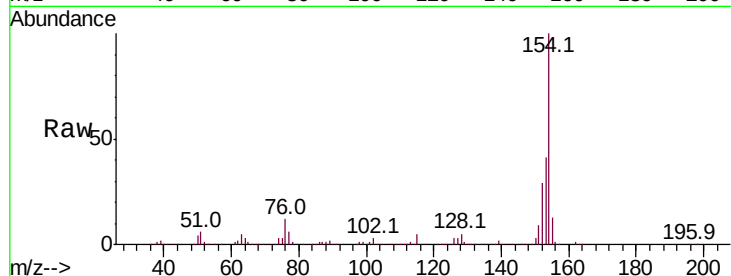
Tot Ion:154 Resp: 774641

Ion Ratio Lower Upper

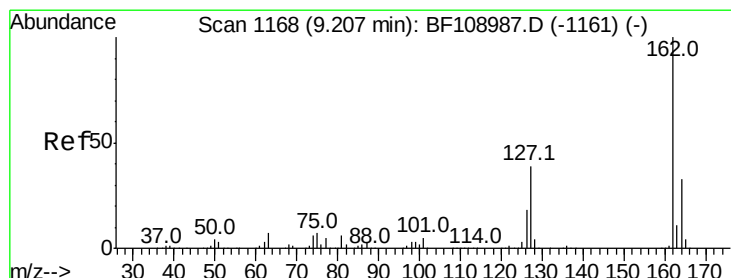
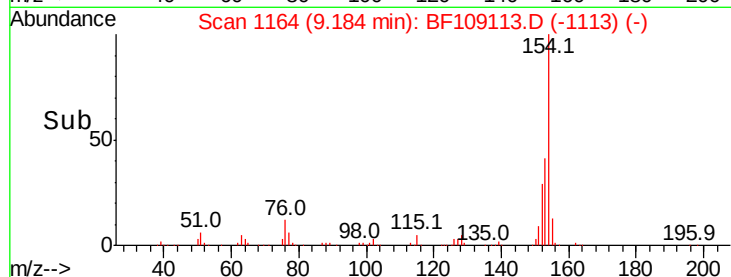
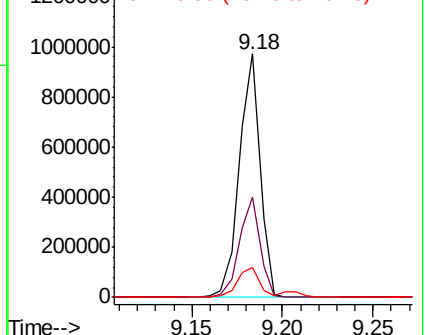
154 100

153 40.9 21.3 61.3

76 12.3 0.0 34.0



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



#46

2-Chloronaphthalene

Concen: 43.642 ng

RT: 9.21 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BF109113.D

Acq: 18 Sep 2018 23:11

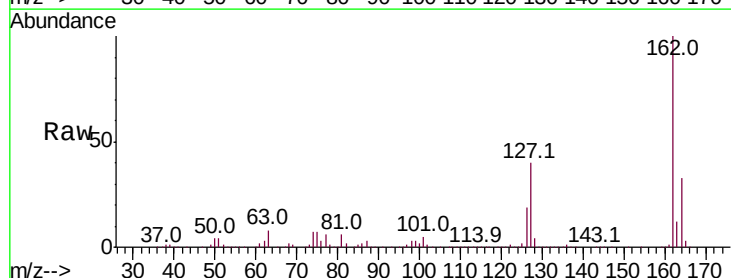
Tgt Ion:162 Resp: 574460

Ion Ratio Lower Upper

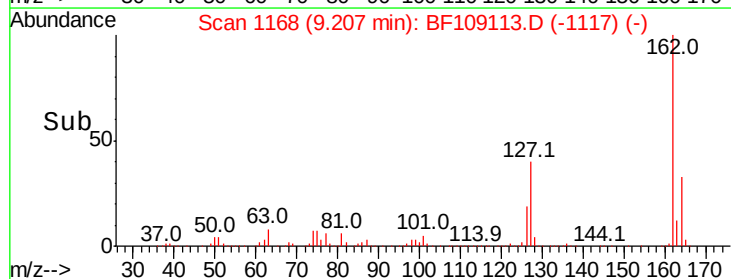
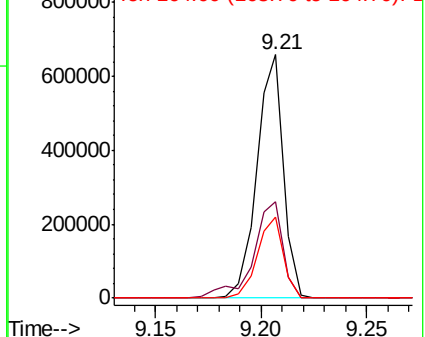
162 100

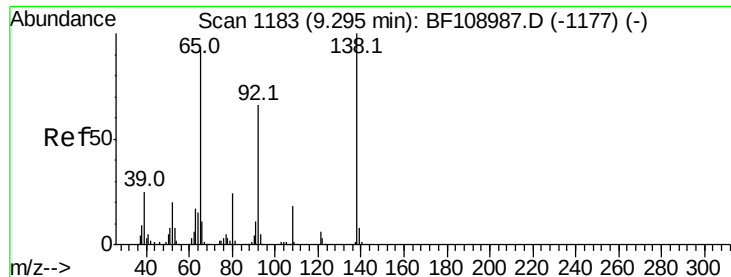
127 39.6 33.9 50.9

164 33.0 26.5 39.7



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

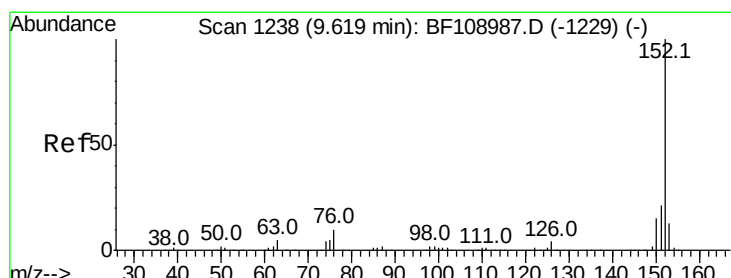
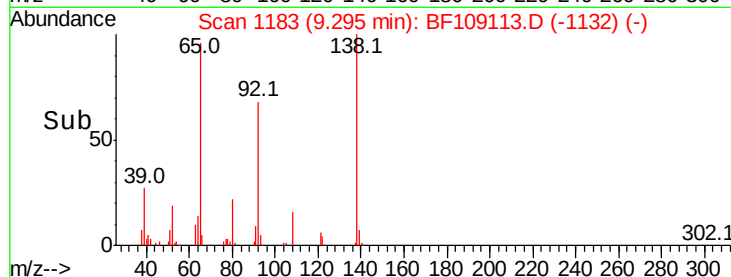
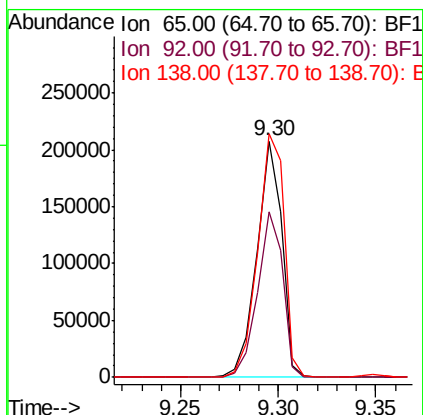
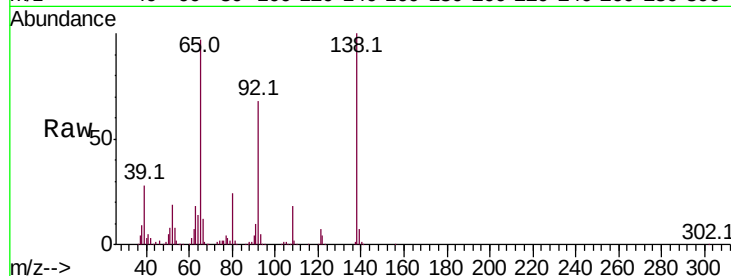




#47
2-Nitroaniline
Concen: 45.856 ng
RT: 9.30 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF109113.D
Acq: 18 Sep 2018 23:11

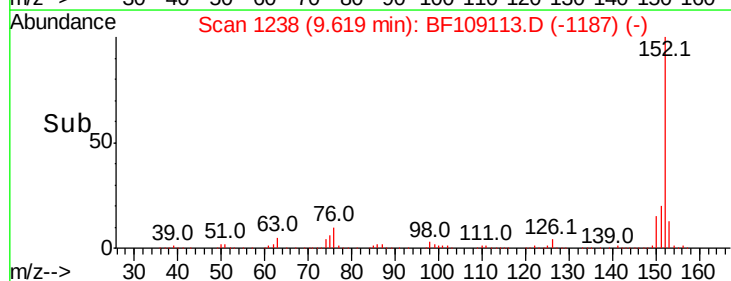
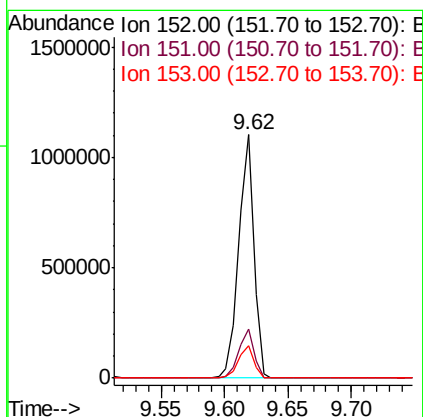
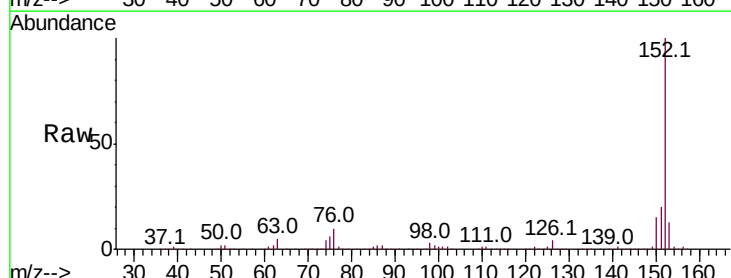
Instrument :
BNA_F
ClientSampleId :

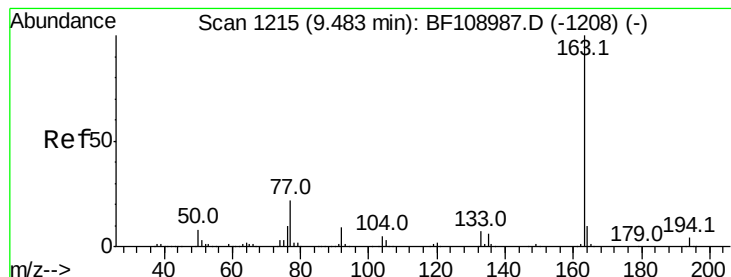
Tot Ion: 65 Resp: 185560
Ion Ratio Lower Upper
65 100
92 69.8 55.8 83.6
138 103.1 91.2 136.8



#48
Acenaphthylene
Concen: 45.522 ng
RT: 9.62 min Scan# 1238
Delta R.T. 0.00 min
Lab File: BF109113.D
Acq: 18 Sep 2018 23:11

Tgt Ion: 152 Resp: 903431
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 13.4 10.7 16.1





#49

Dimethylphthalate

Concen: 55.144 ng

RT: 9.48 min Scan# 1215

Delta R.T. 0.00 min

Lab File: BF109113.D

Acq: 18 Sep 2018 23:11

Instrument :

BNA_F

ClientSampleId :

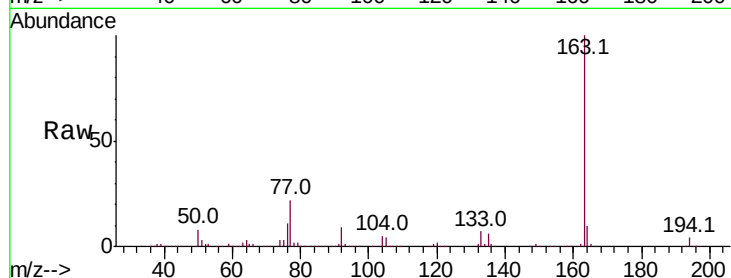
Tot Ion:163 Resp: 809710

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

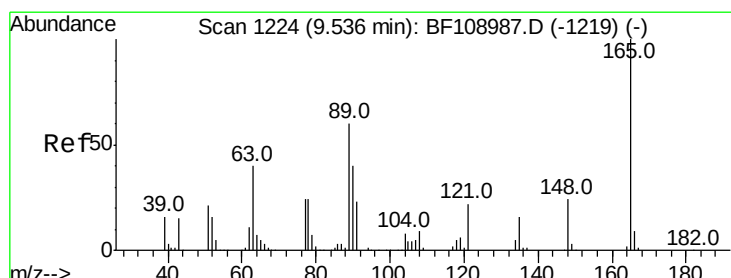
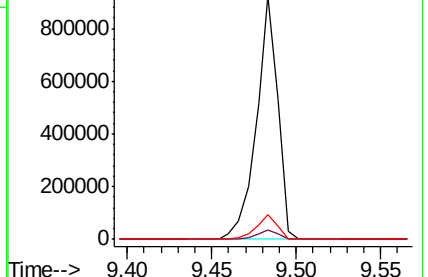
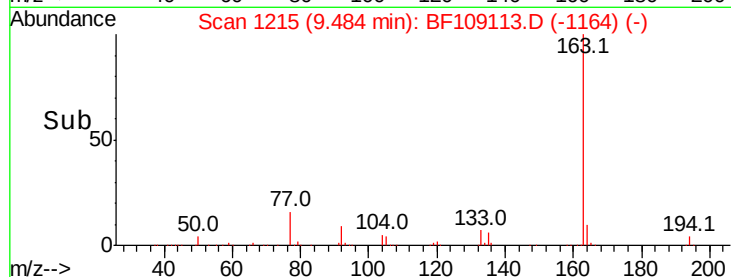
164 10.4 8.2 12.2



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: 42.561 ng

RT: 9.54 min Scan# 1225

Delta R.T. 0.01 min

Lab File: BF109113.D

Acq: 18 Sep 2018 23:11

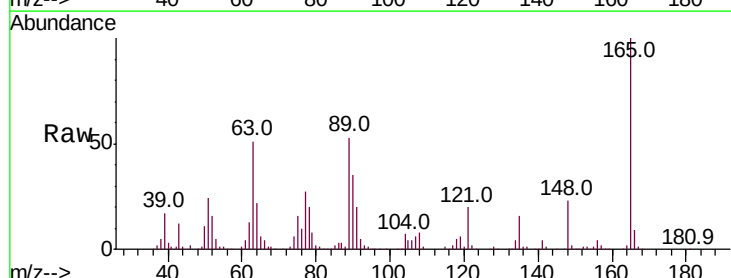
Tgt Ion:165 Resp: 138592

Ion Ratio Lower Upper

165 100

63 50.8 44.7 67.1

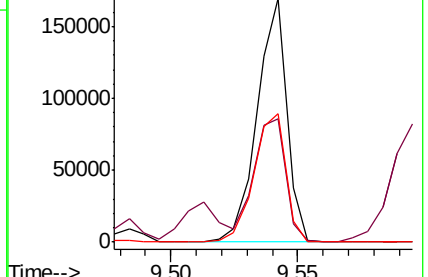
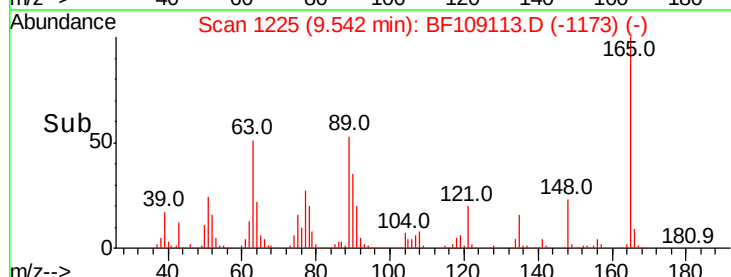
89 52.7 44.0 66.0

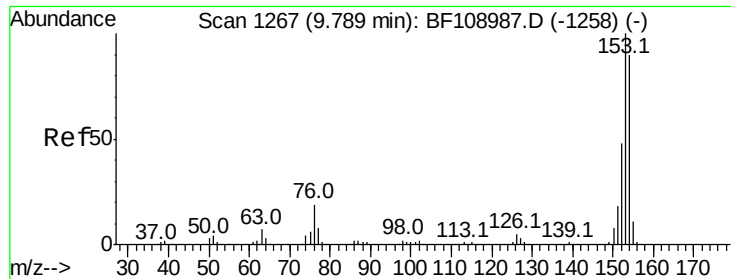


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 48.391 ng

RT: 9.79 min Scan# 1267

Delta R.T. 0.00 min

Lab File: BF109113.D

Acq: 18 Sep 2018 23:11

Instrument :

BNA_F

ClientSampleId :

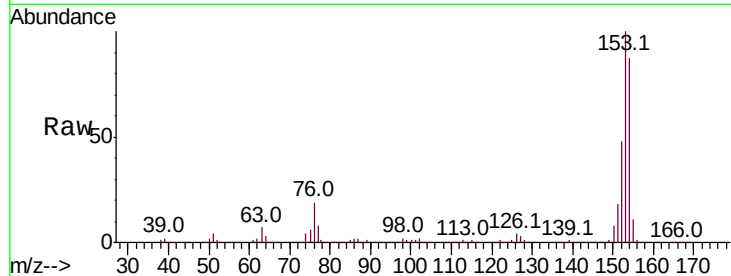
Tot Ion:154 Resp: 598008

Ion Ratio Lower Upper

154 100

153 114.6 91.2 136.8

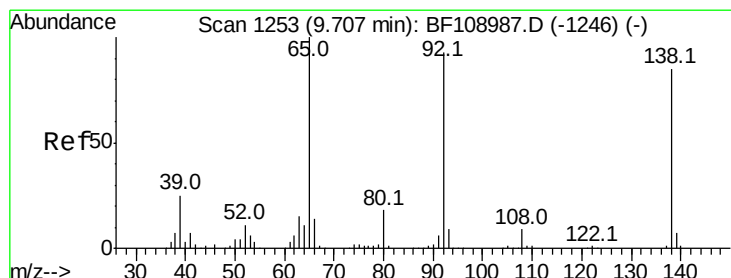
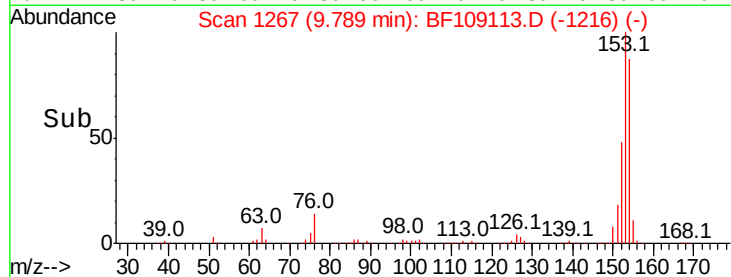
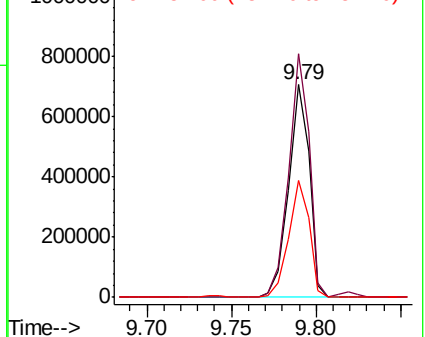
152 55.1 43.8 65.8



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: 37.313 ng

RT: 9.71 min Scan# 1253

Delta R.T. 0.00 min

Lab File: BF109113.D

Acq: 18 Sep 2018 23:11

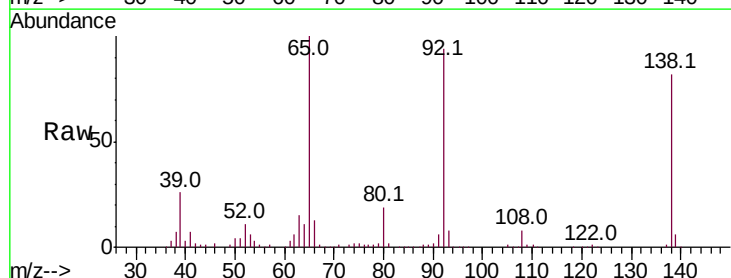
Tgt Ion:138 Resp: 143072

Ion Ratio Lower Upper

138 100

108 10.3 9.4 14.0

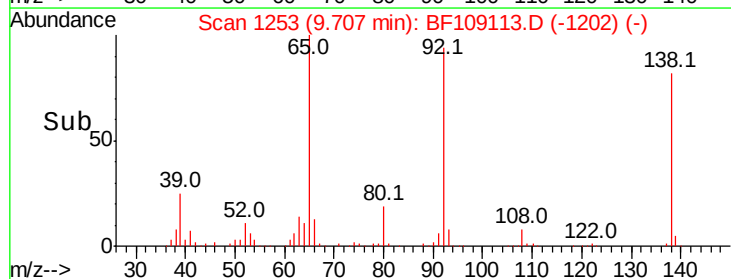
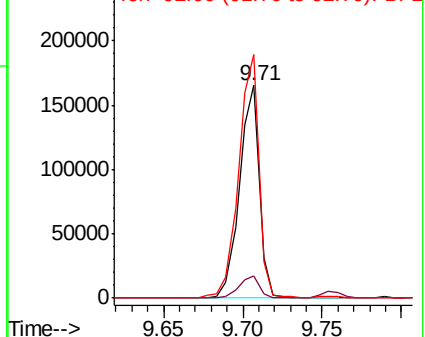
92 114.6 89.4 134.2

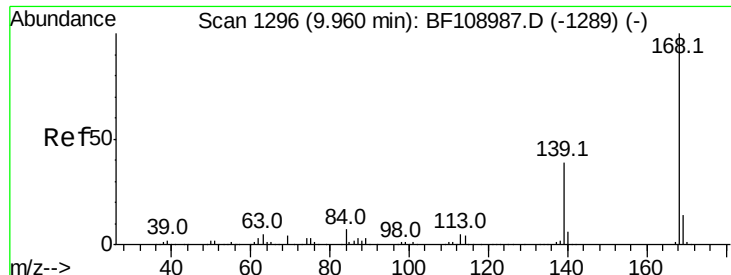


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

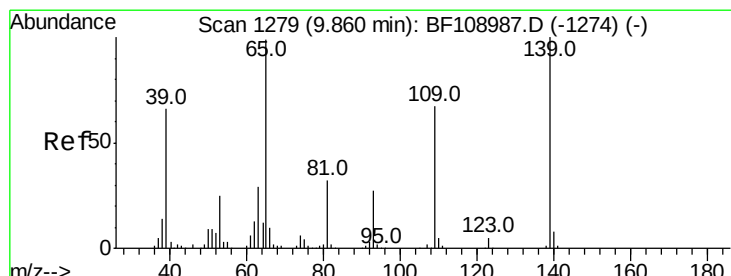
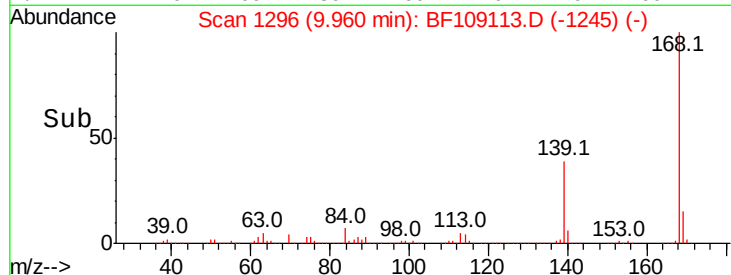
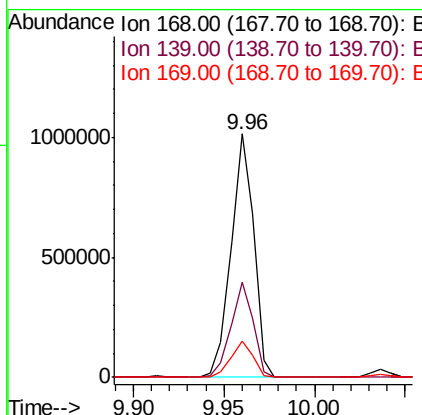
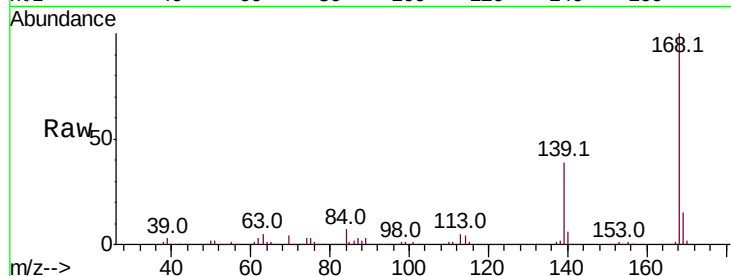




#54
 Dibenzofuran
 Concen: 49.579 ng
 RT: 9.96 min Scan# 1296
 Delta R.T. 0.00 min
 Lab File: BF109113.D
 Acq: 18 Sep 2018 23:11

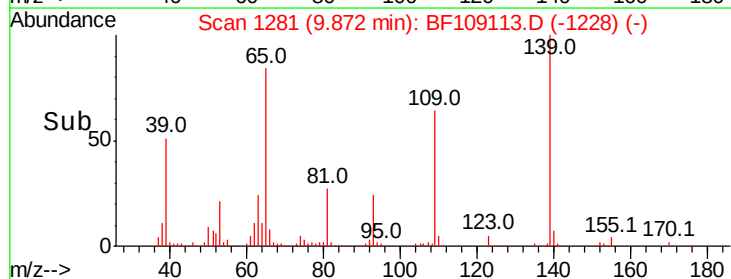
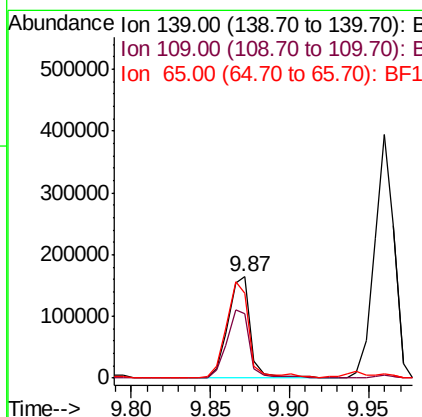
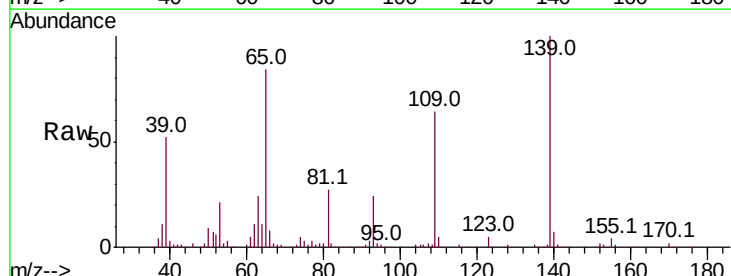
Instrument :
 BNA_F
 ClientSampleId :

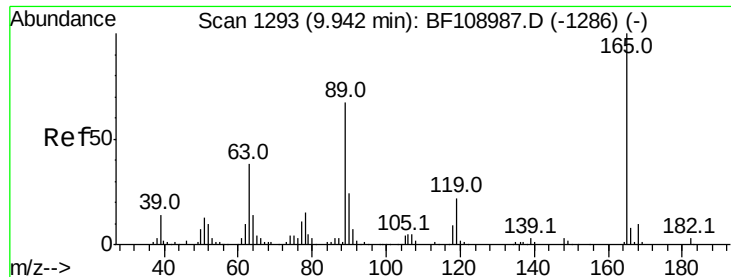
Tot Ion	Ratio	Lower	Upper
168	100		
139	38.9	30.1	45.1
169	14.7	10.9	16.3



#55
 4-Nitrophenol
 Concen: 56.777 ng
 RT: 9.87 min Scan# 1281
 Delta R.T. 0.01 min
 Lab File: BF109113.D
 Acq: 18 Sep 2018 23:11

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.3	48.4	88.4
65	83.7	72.6	112.6

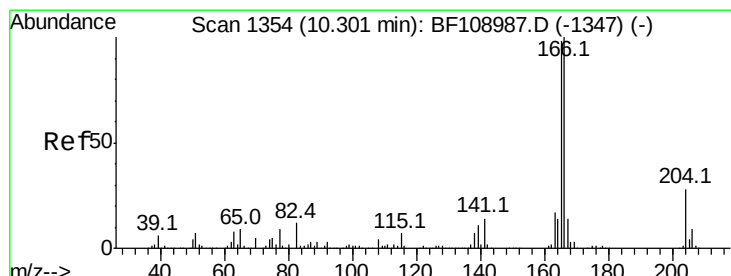
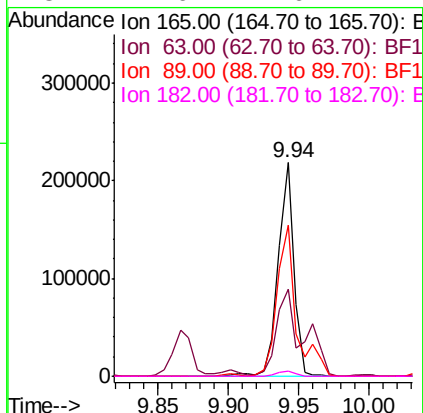
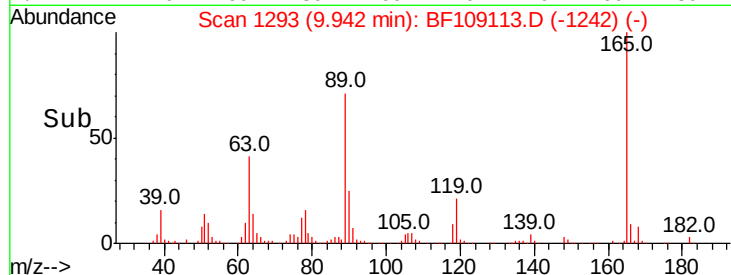
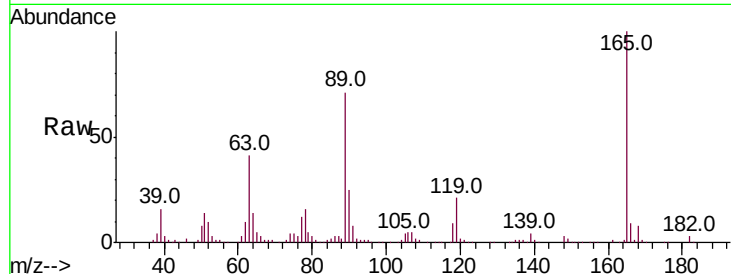




#56
 2,4-Dinitrotoluene
 Concen: 40.268 ng
 RT: 9.94 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: BF109113.D
 Acq: 18 Sep 2018 23:11

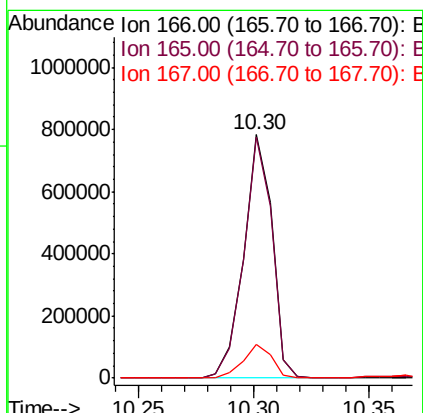
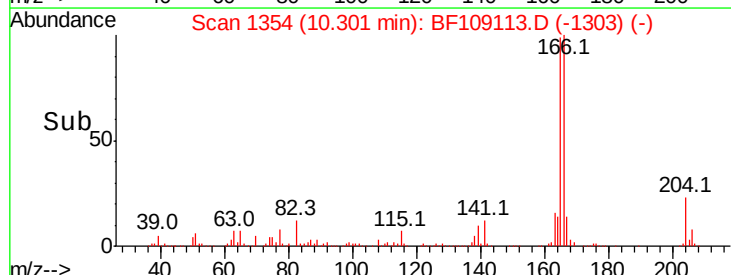
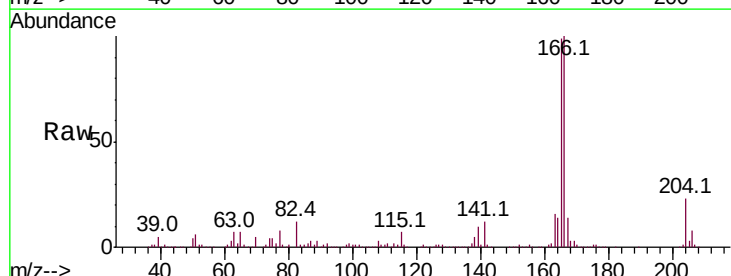
Instrument :
 BNA_F
 ClientSampled :

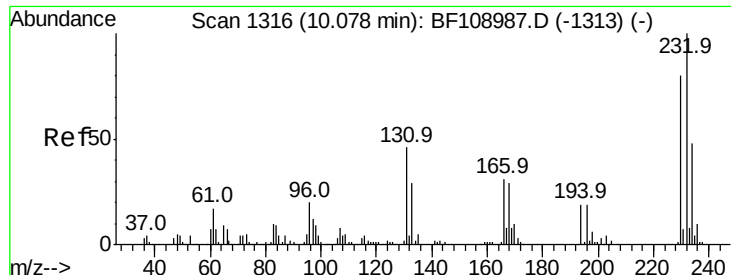
Tot Ion:	165	Resp:	171486
Ion	Ratio	Lower	Upper
165	100		
63	41.1	36.4	54.6
89	70.7	57.8	86.6
182	2.6	1.6	2.4#



#57
 Fluorene
 Concen: 56.310 ng
 RT: 10.30 min Scan# 1354
 Delta R.T. 0.00 min
 Lab File: BF109113.D
 Acq: 18 Sep 2018 23:11

Tgt Ion:	166	Resp:	670139
Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.8	119.8
167	13.6	10.6	16.0

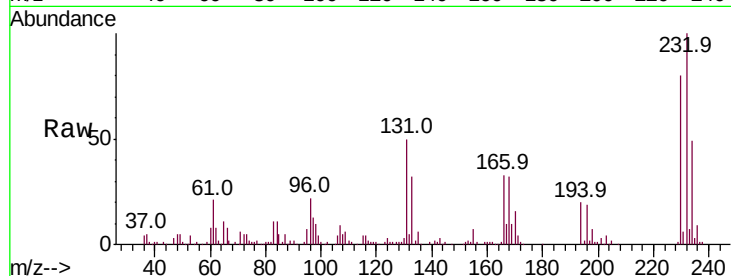




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.191 ng
 RT: 10.08 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: BF109113.D
 Acq: 18 Sep 2018 23:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.5	43.8	65.8
130	2.3	2.1	3.1
166	30.5	27.8	41.6



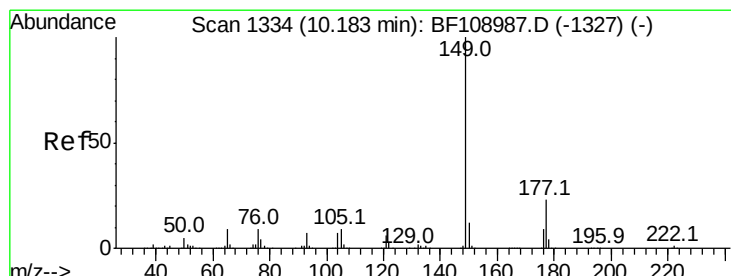
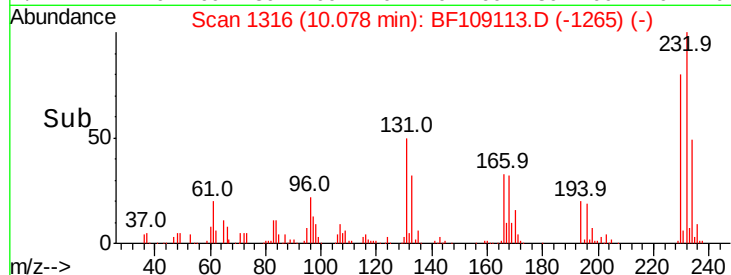
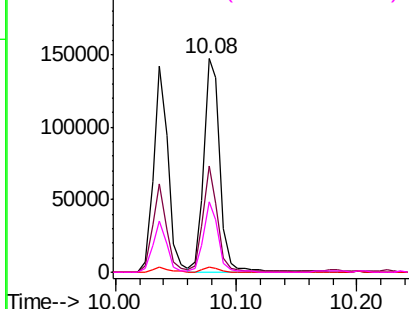
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

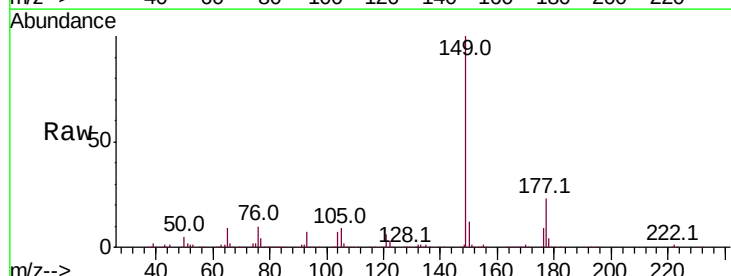
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59
 Diethylphthalate
 Concen: 42.577 ng
 RT: 10.18 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: BF109113.D
 Acq: 18 Sep 2018 23:11

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.1	16.1	24.1
150	12.2	10.1	15.1

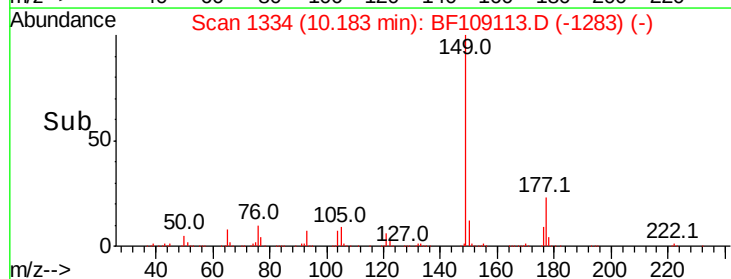
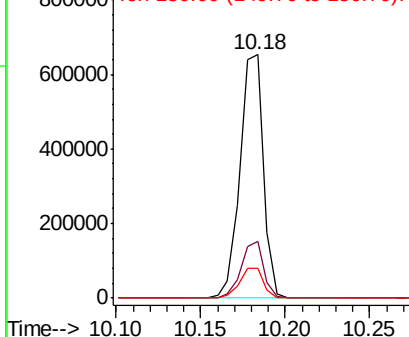


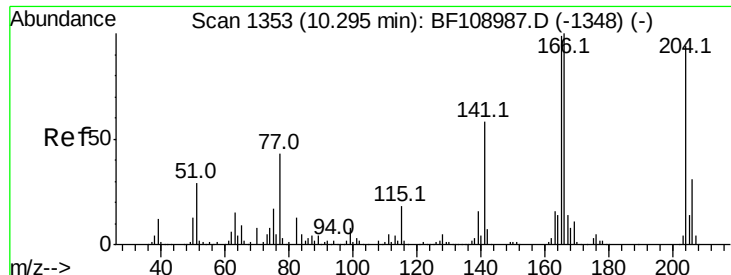
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

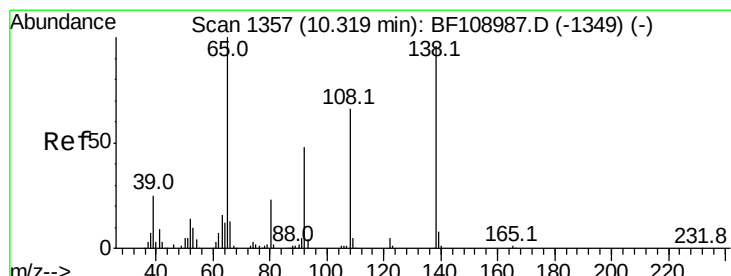
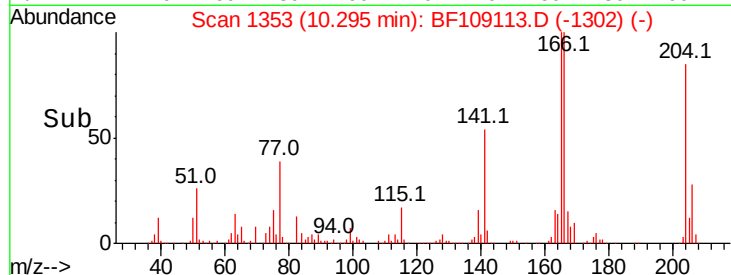
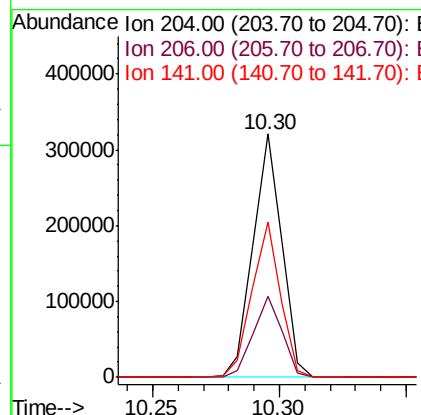
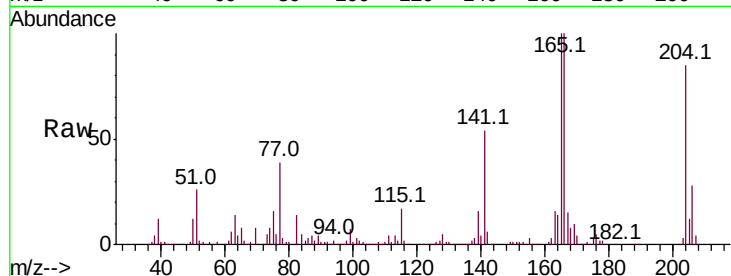




#60
 4-Chlorophenyl-phenylether
 Concen: 39.869 ng
 RT: 10.30 min Scan# 1353
 Delta R.T. 0.00 min
 Lab File: BF109113.D
 Acq: 18 Sep 2018 23:11

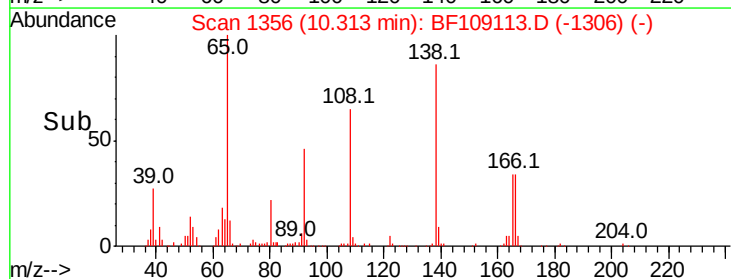
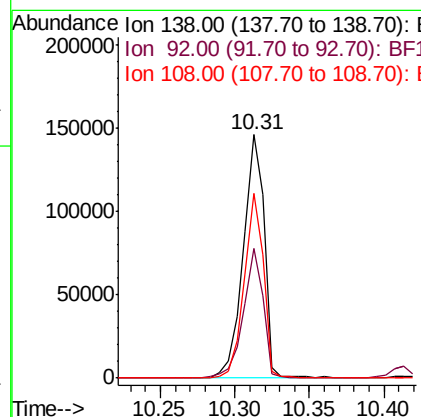
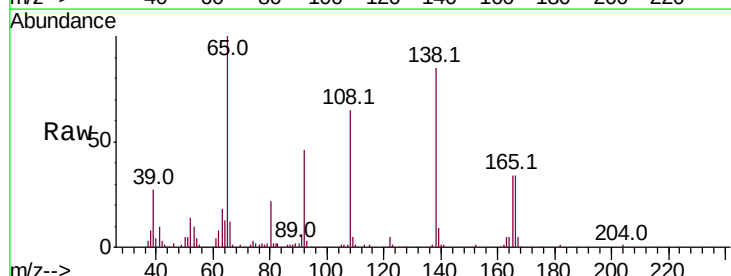
Instrument :
 BNA_F
 ClientSampled :

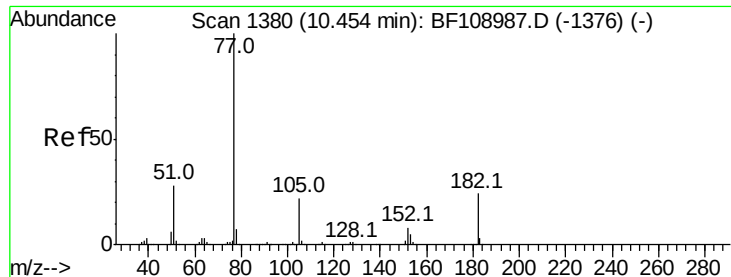
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.5	39.7
141	63.8	54.6	81.8



#61
 4-Nitroaniline
 Concen: 39.478 ng
 RT: 10.31 min Scan# 1356
 Delta R.T. -0.01 min
 Lab File: BF109113.D
 Acq: 18 Sep 2018 23:11

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.5	30.2	70.2
108	75.9	52.5	92.5





#62

Azobenzene

Concen: 38.583 ng

RT: 10.45 min Scan# 1380

Delta R.T. 0.00 min

Lab File: BF109113.D

Acq: 18 Sep 2018 23:11

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 585619

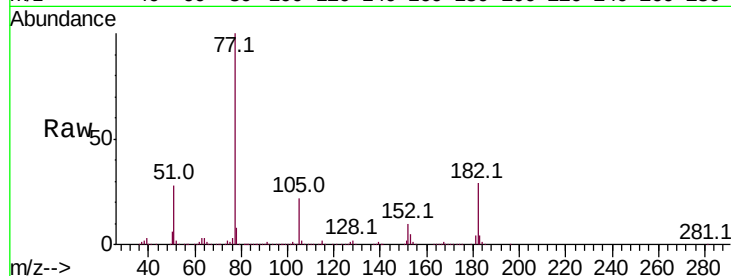
Ion Ratio Lower Upper

77 100

182 29.4 1.7 41.7

105 22.5 3.0 43.0

51 27.9 9.9 49.9

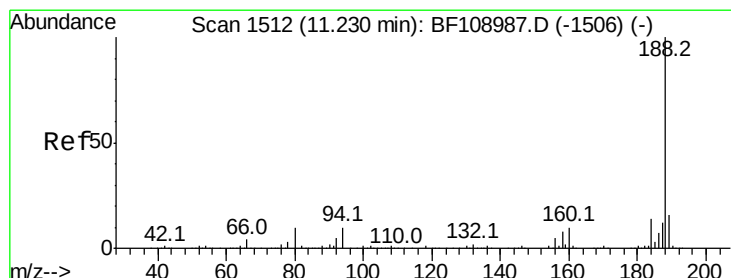
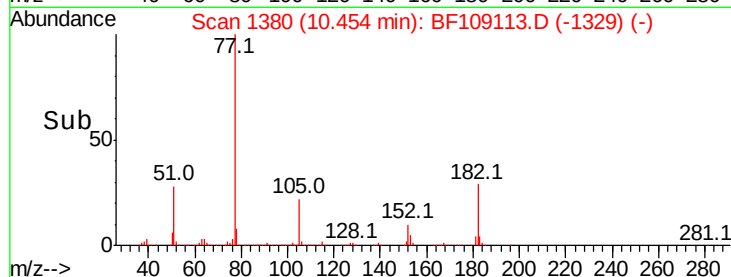
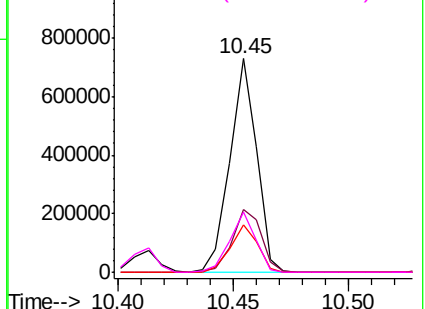


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1513

Delta R.T. 0.01 min

Lab File: BF109113.D

Acq: 18 Sep 2018 23:11

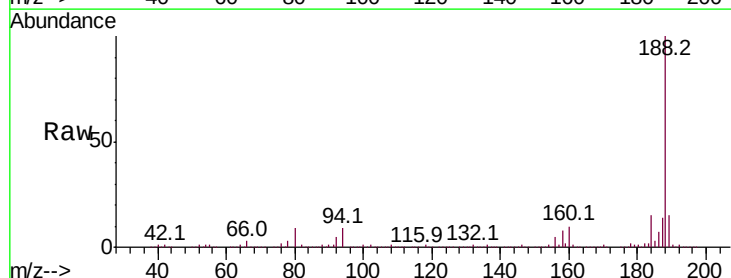
Tgt Ion: 188 Resp: 349054

Ion Ratio Lower Upper

188 100

94 8.9 8.5 12.7

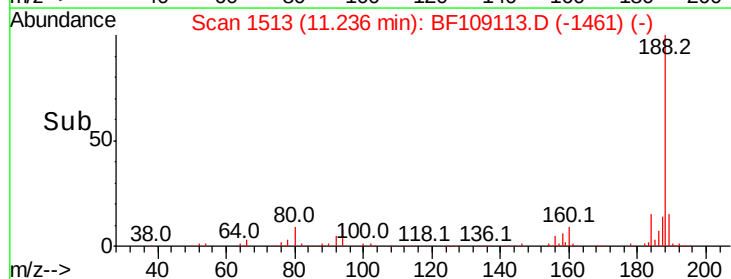
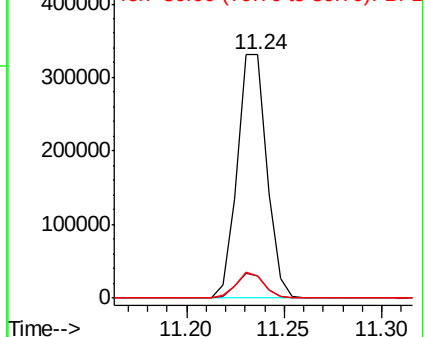
80 8.9 9.2 13.8#

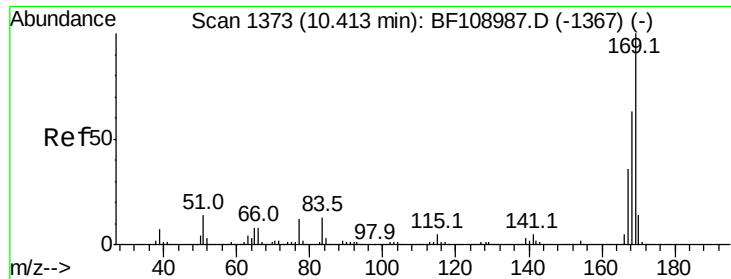


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

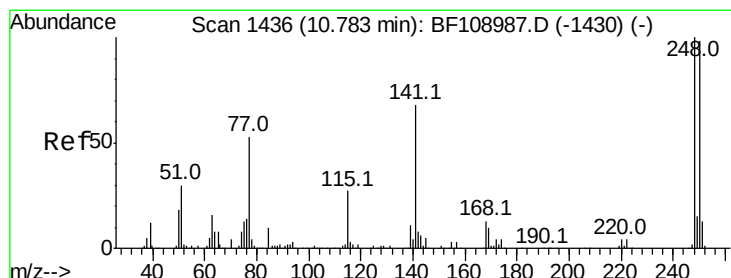
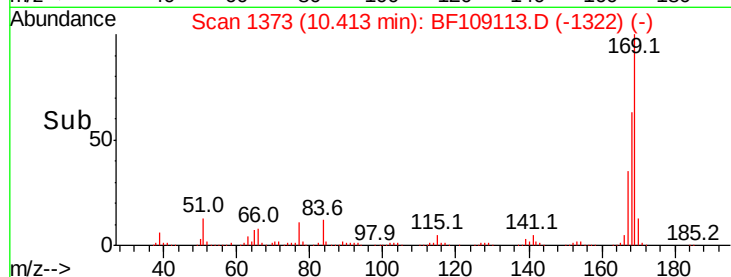
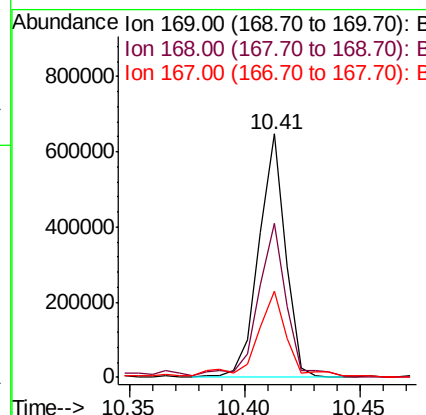
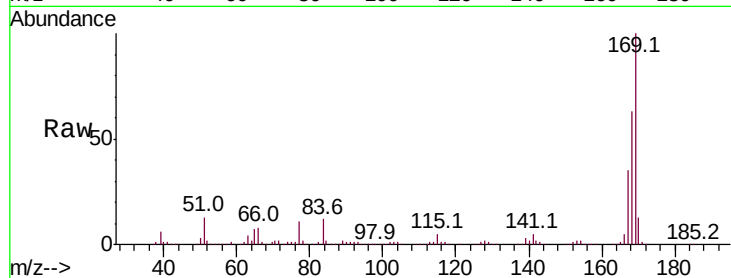




#65
 n-Nitrosodiphenylamine
 Concen: 45.605 ng
 RT: 10.41 min Scan# 1373
 Delta R.T. 0.00 min
 Lab File: BF109113.D
 Acq: 18 Sep 2018 23:11

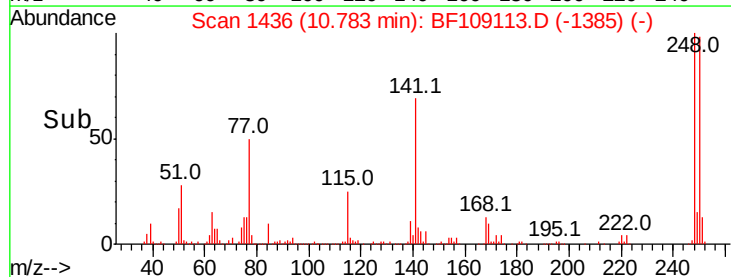
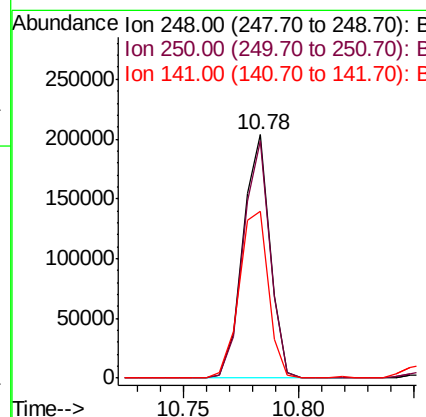
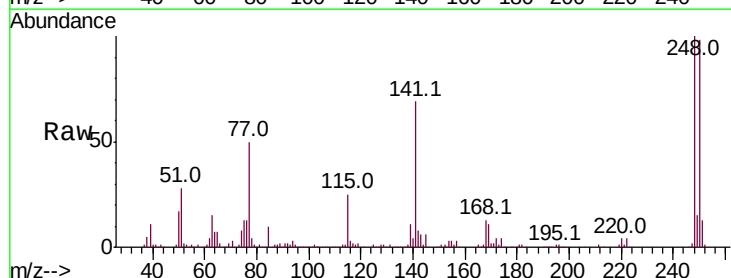
Instrument :
 BNA_F
 ClientSampleId :

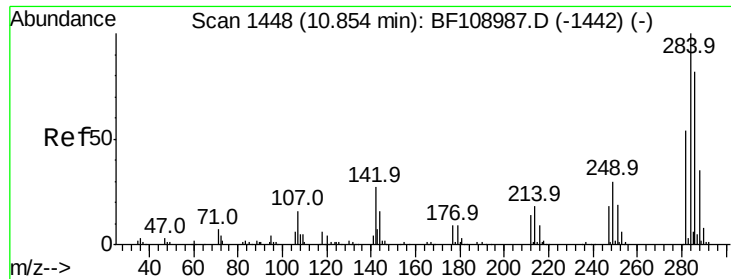
Tot Ion	Ratio	Lower	Upper
169	100		
168	63.2	54.4	81.6
167	35.2	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 42.330 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. 0.00 min
 Lab File: BF109113.D
 Acq: 18 Sep 2018 23:11

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.5	76.9	115.3
141	68.6	74.4	111.6

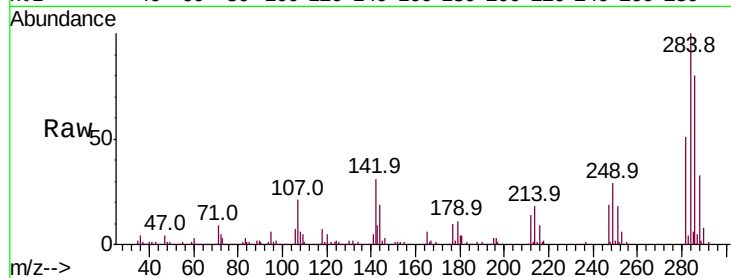




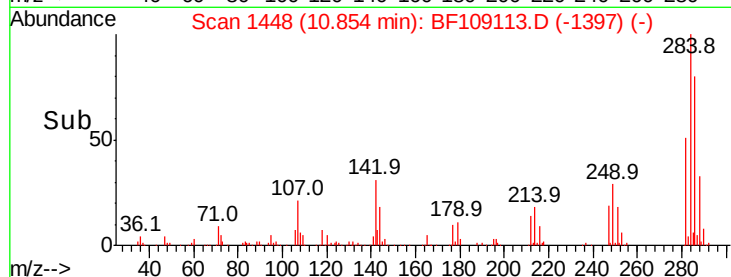
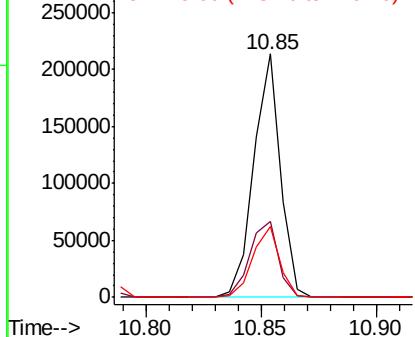
#67
Hexachlorobenzene
Concen: 40.935 ng
RT: 10.85 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BF109113.D
Acq: 18 Sep 2018 23:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 172301
Ion Ratio Lower Upper
284 100
142 31.0 34.6 52.0#
249 29.0 24.8 37.2

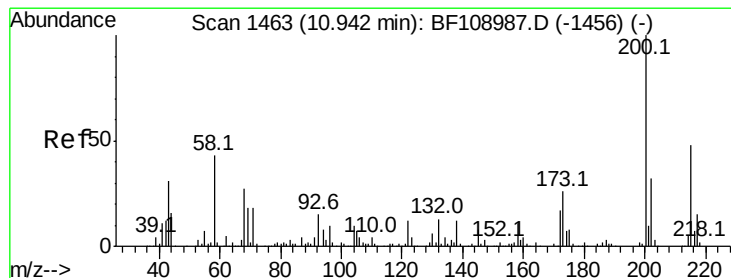


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

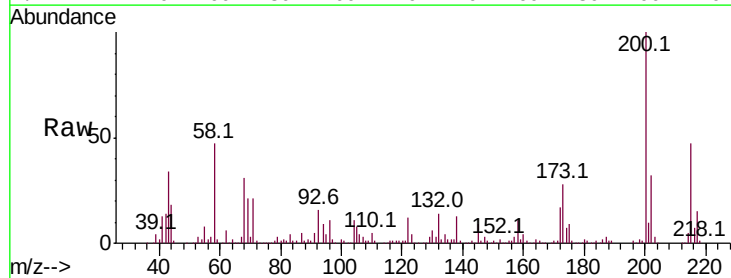
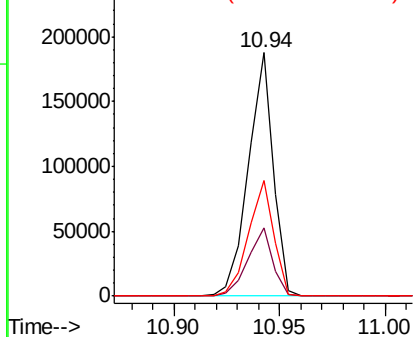


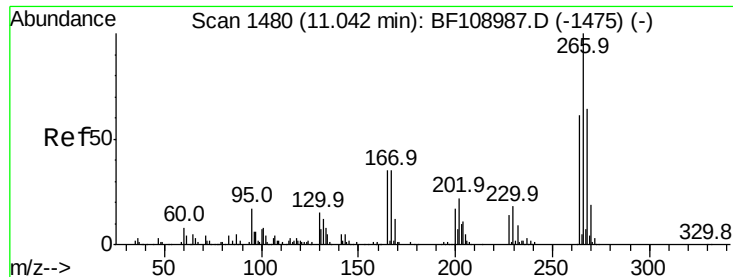
#68
Atrazine
Concen: 42.066 ng
RT: 10.94 min Scan# 1463
Delta R.T. 0.00 min
Lab File: BF109113.D
Acq: 18 Sep 2018 23:11

Tgt Ion:200 Resp: 153753
Ion Ratio Lower Upper
200 100
173 28.2 8.6 48.6
215 47.4 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

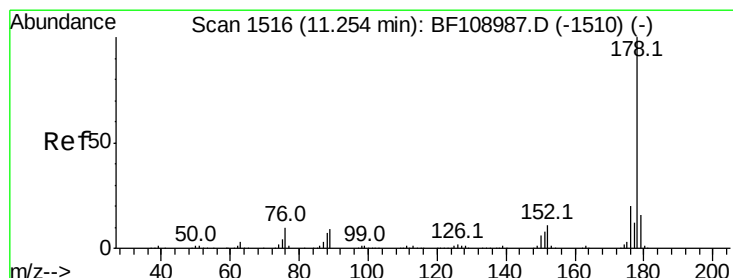
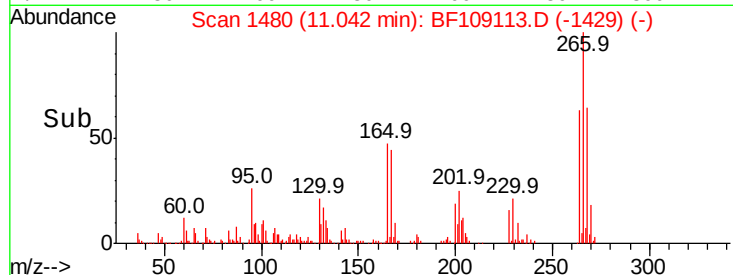
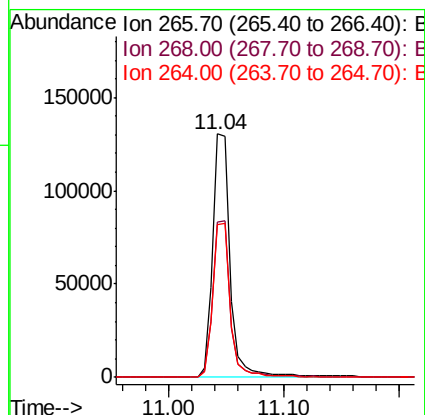
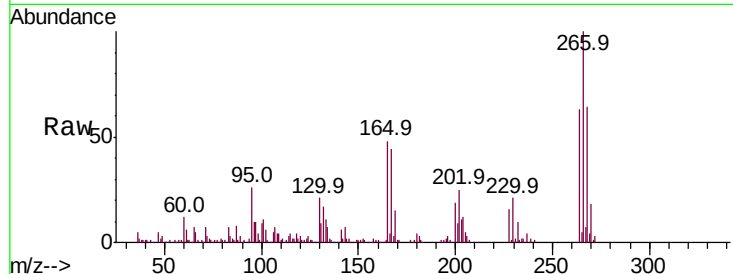




#69
 Pentachlorophenol
 Concen: 51.181 ng
 RT: 11.04 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: BF109113.D
 Acq: 18 Sep 2018 23:11

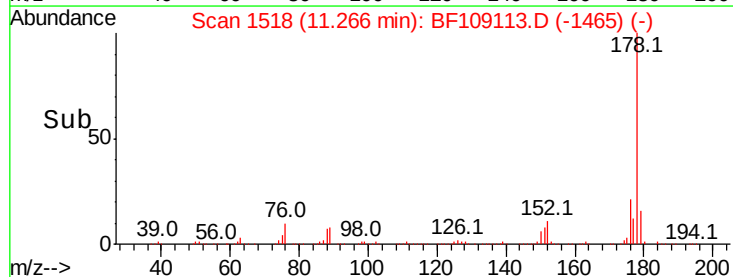
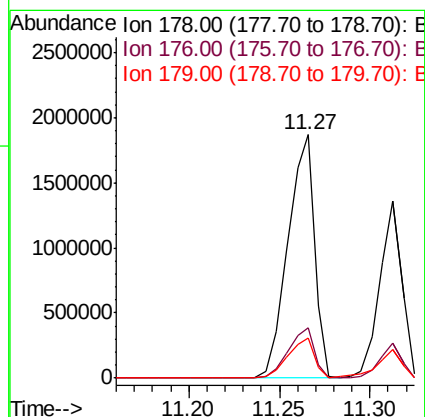
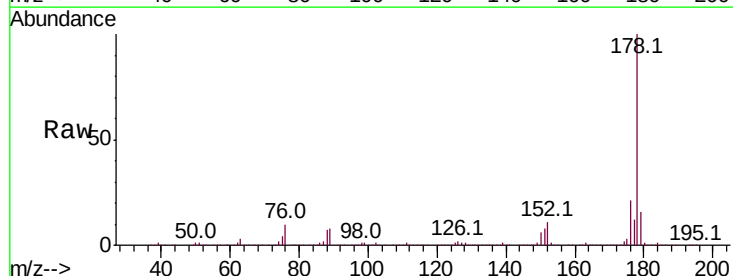
Instrument :
 BNA_F
 ClientSampleId :

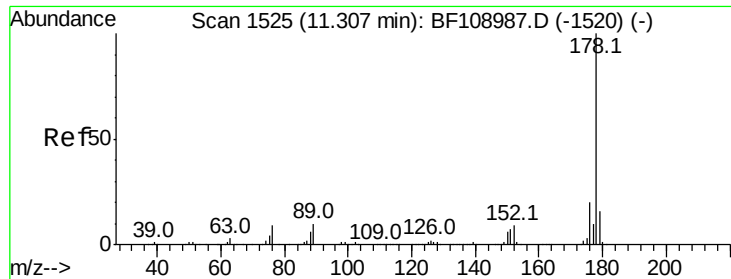
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.6	51.1	76.7
264	62.7	49.5	74.3



#70
 Phenanthrene
 Concen: 112.493 ng
 RT: 11.27 min Scan# 1518
 Delta R.T. 0.01 min
 Lab File: BF109113.D
 Acq: 18 Sep 2018 23:11

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.9	15.8	23.8
179	16.3	13.0	19.6





#71

Anthracene

Concen: 67.347 ng

RT: 11.31 min Scan# 1526

Delta R.T. 0.01 min

Lab File: BF109113.D

Acq: 18 Sep 2018 23:11

Instrument :

BNA_F

ClientSampled :

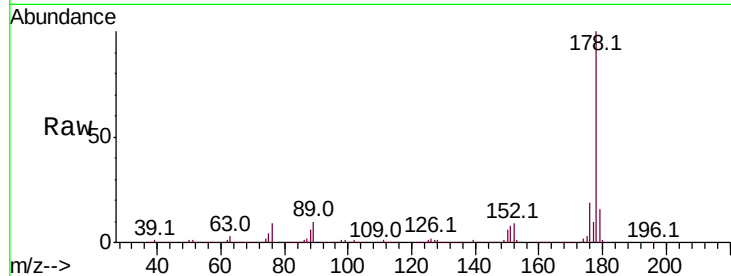
Tot Ion:178 Resp: 1168131

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

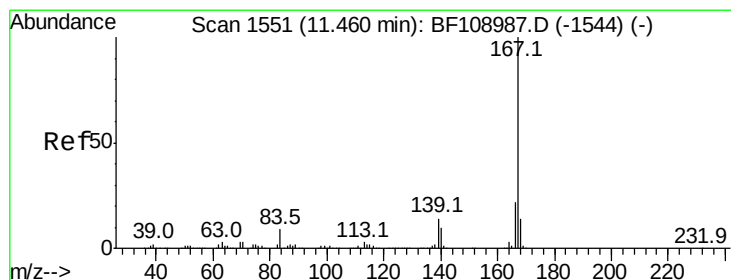
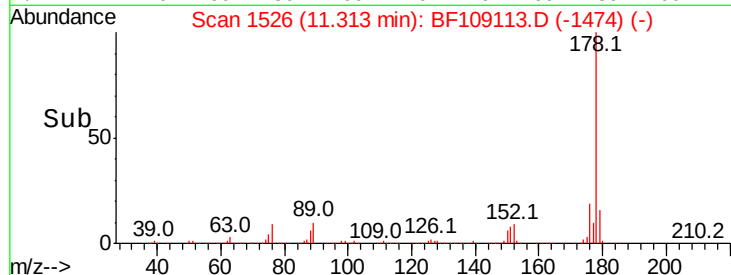
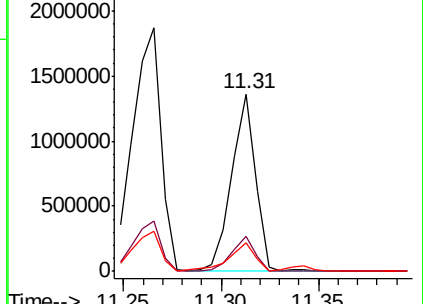
179 15.9 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 48.501 ng

RT: 11.46 min Scan# 1551

Delta R.T. 0.00 min

Lab File: BF109113.D

Acq: 18 Sep 2018 23:11

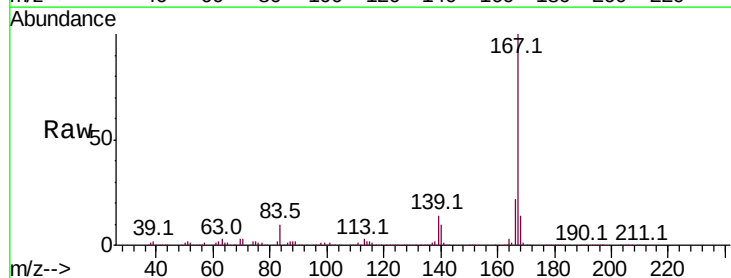
Tgt Ion:167 Resp: 832758

Ion Ratio Lower Upper

167 100

166 22.3 17.6 26.4

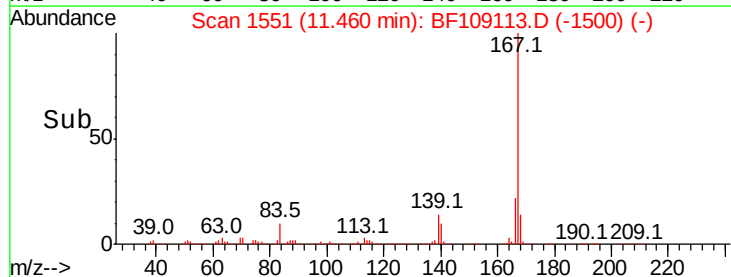
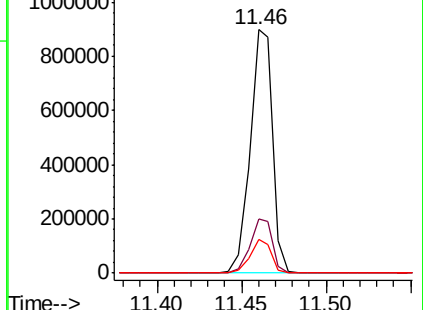
139 13.7 10.9 16.3

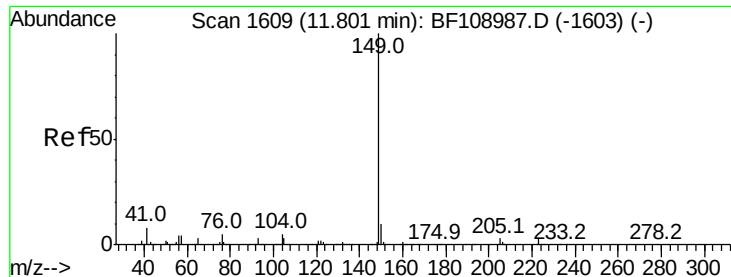


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.801 ng

RT: 11.80 min Scan# 1609

Delta R.T. 0.00 min

Lab File: BF109113.D

Acq: 18 Sep 2018 23:11

Instrument :

BNA_F

ClientSampleId :

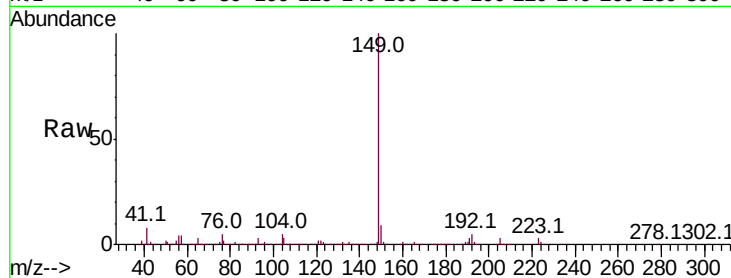
Tot Ion:149 Resp: 840141

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

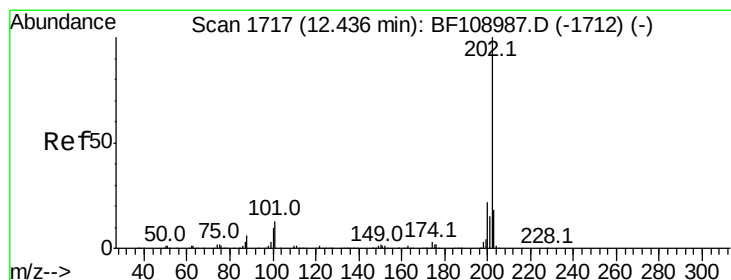
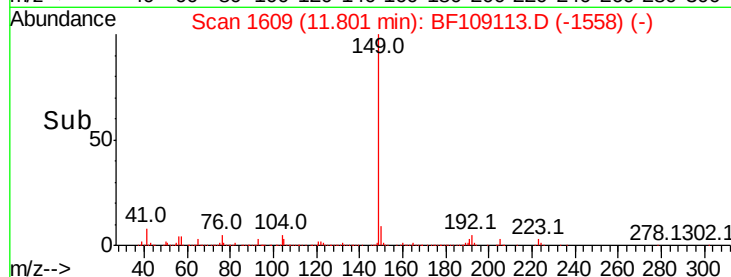
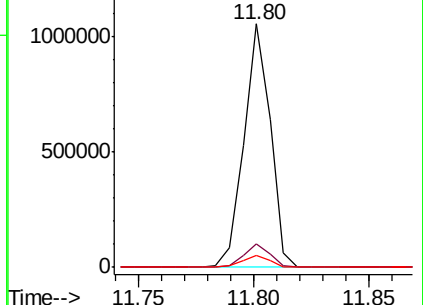
104 4.9 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 108.695 ng

RT: 12.45 min Scan# 1719

Delta R.T. 0.01 min

Lab File: BF109113.D

Acq: 18 Sep 2018 23:11

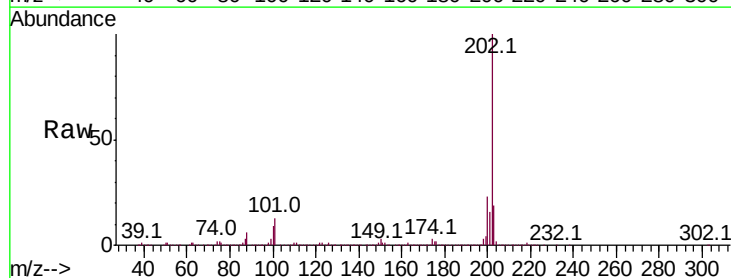
Tgt Ion:202 Resp: 1963441

Ion Ratio Lower Upper

202 100

101 12.9 0.0 34.1

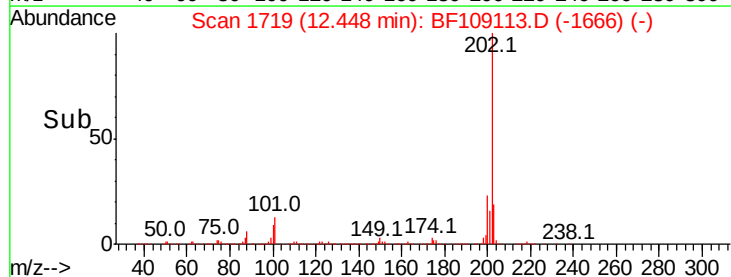
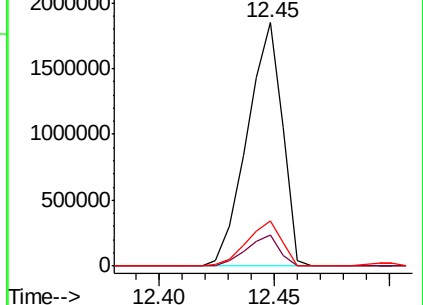
203 18.7 0.0 38.1

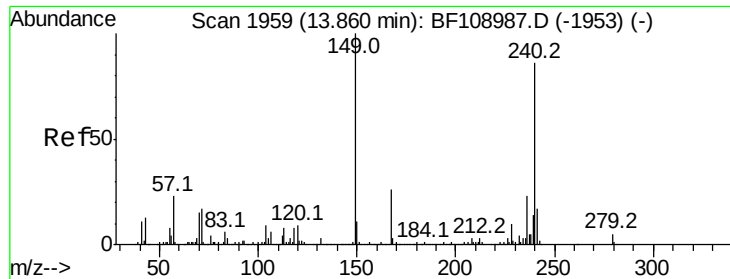


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 1960

Delta R.T. 0.01 min

Lab File: BF109113.D

Acq: 18 Sep 2018 23:11

Instrument :

BNA_F

ClientSampled :

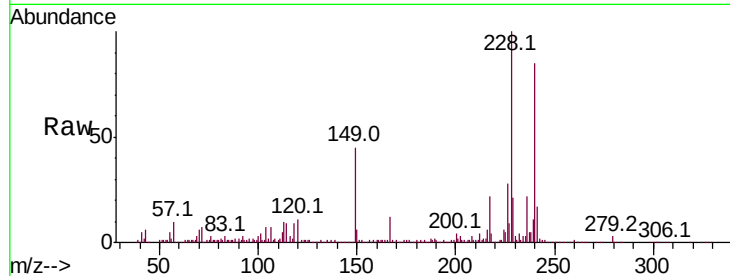
Tot Ion:240 Resp: 306833

Ion Ratio Lower Upper

240 100

120 13.0 9.5 14.3

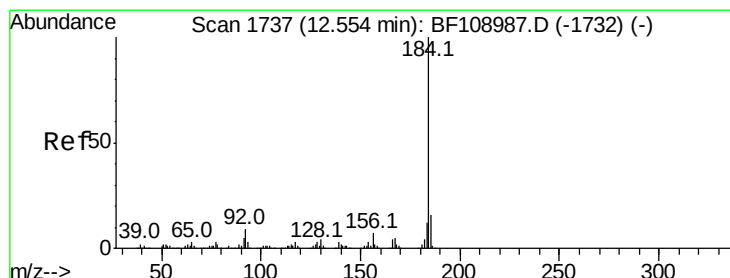
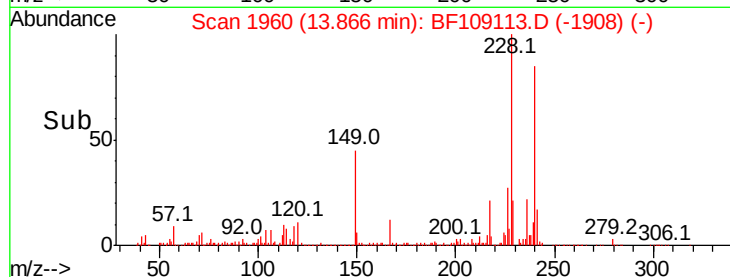
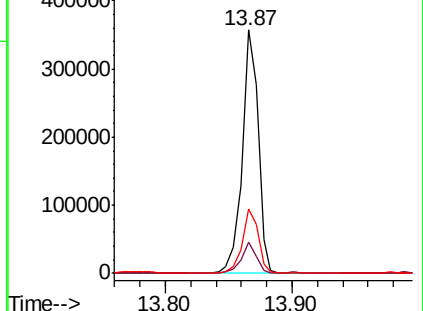
236 26.4 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 41.573 ng

RT: 12.56 min Scan# 1738

Delta R.T. 0.01 min

Lab File: BF109113.D

Acq: 18 Sep 2018 23:11

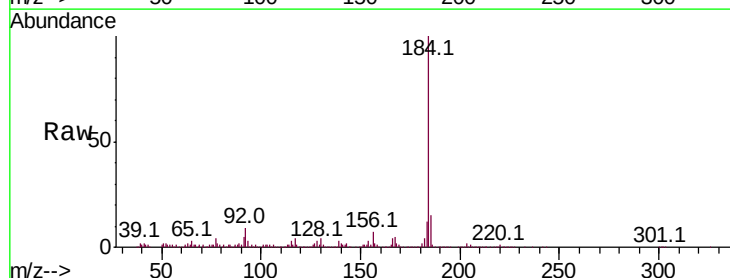
Tgt Ion:184 Resp: 451544

Ion Ratio Lower Upper

184 100

185 14.9 12.6 18.8

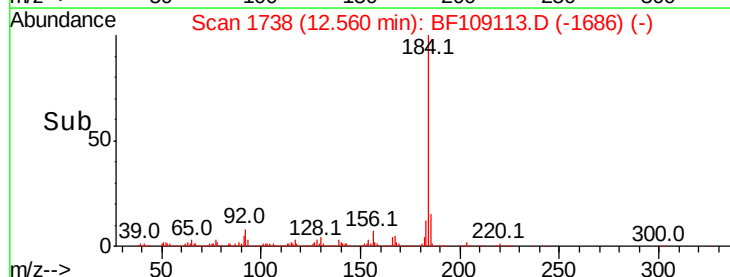
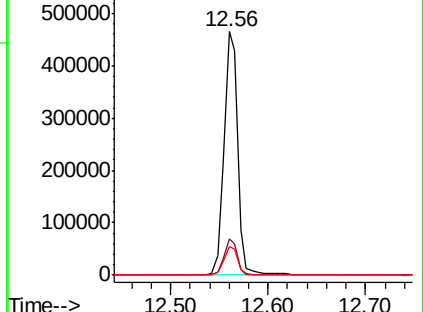
183 11.6 9.3 13.9

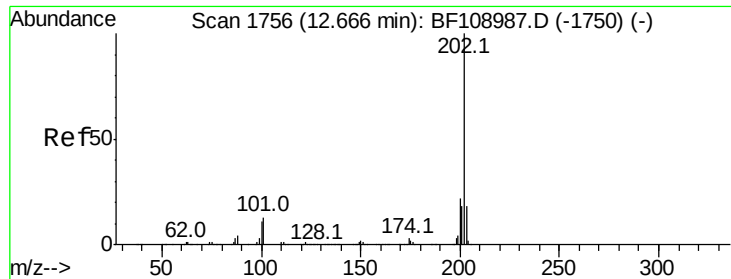


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

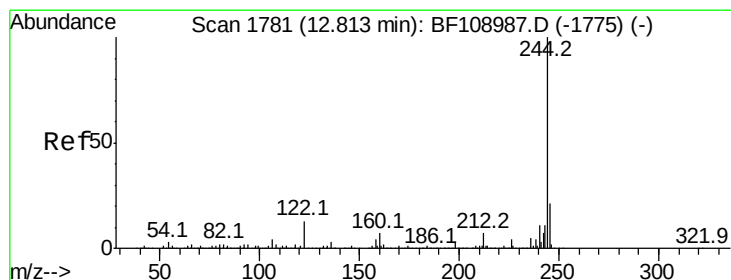
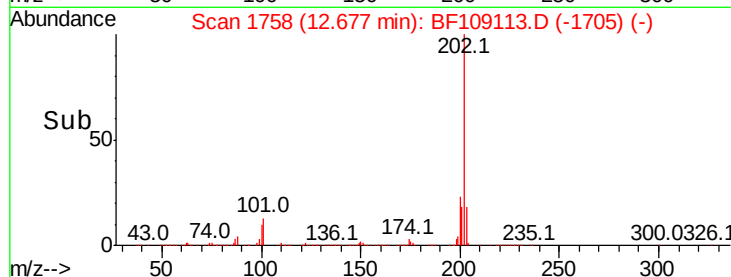
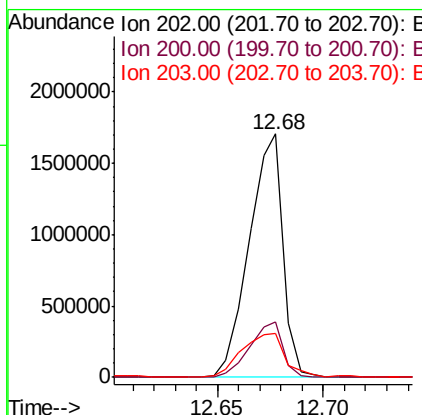
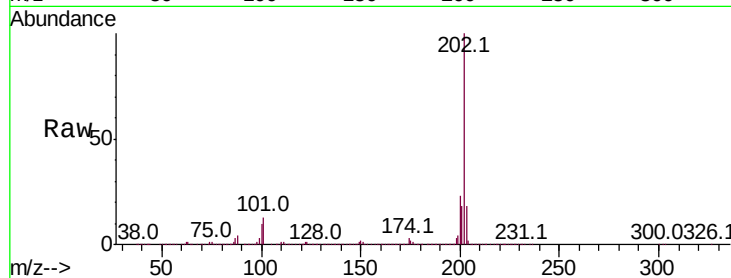




#77
Pvrene
Concen: 82.776 ng
RT: 12.68 min Scan# 1758
Delta R.T. 0.01 min
Lab File: BF109113.D
Acq: 18 Sep 2018 23:11

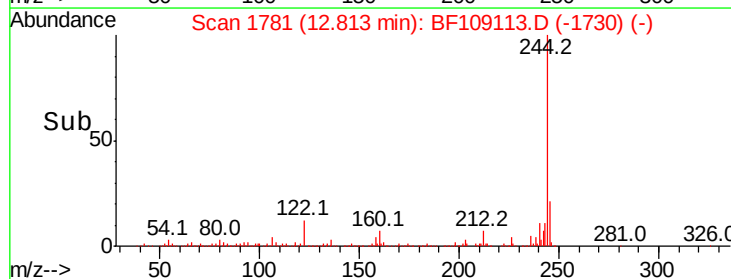
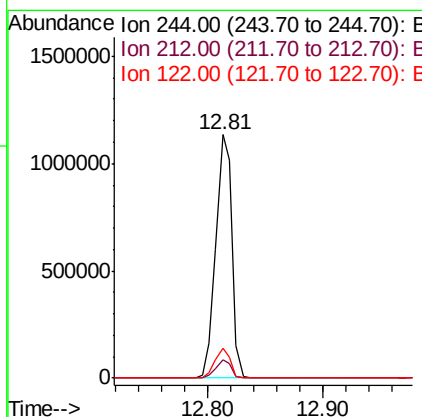
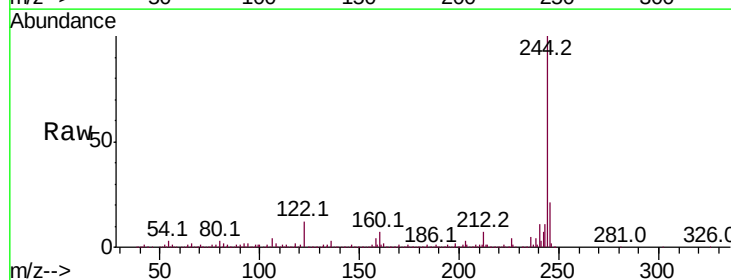
Instrument :
BNA_F
ClientSampleId :

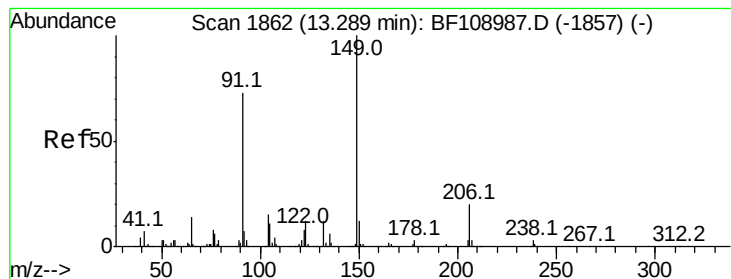
Tot Ion:202 Resp: 1886549
Ion Ratio Lower Upper
202 100
200 22.6 17.4 26.2
203 18.1 14.3 21.5



#78
Terphenyl-d14
Concen: 84.448 ng
RT: 12.81 min Scan# 1781
Delta R.T. 0.00 min
Lab File: BF109113.D
Acq: 18 Sep 2018 23:11

Tgt Ion:244 Resp: 1093182
Ion Ratio Lower Upper
244 100
212 7.4 5.4 8.0
122 12.3 11.0 16.4





#79

Butylbenzylphthalate

Concen: 38.337 ng

RT: 13.29 min Scan# 1862

Delta R.T. 0.00 min

Lab File: BF109113.D

Acq: 18 Sep 2018 23:11

Instrument :

BNA_F

ClientSampleId :

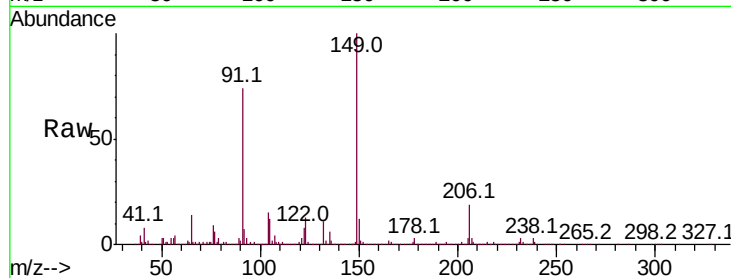
Tot Ion:149 Resp: 390258

Ion Ratio Lower Upper

149 100

91 74.2 56.8 85.2

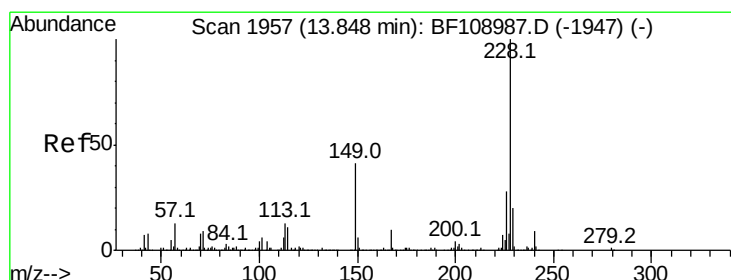
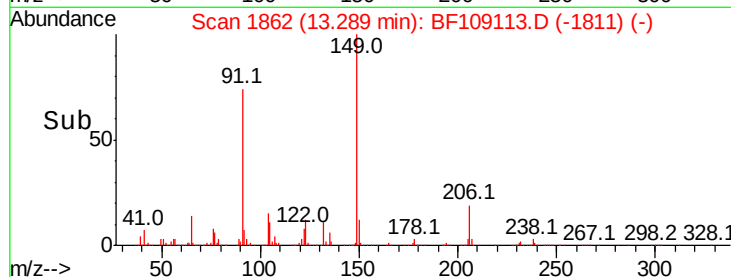
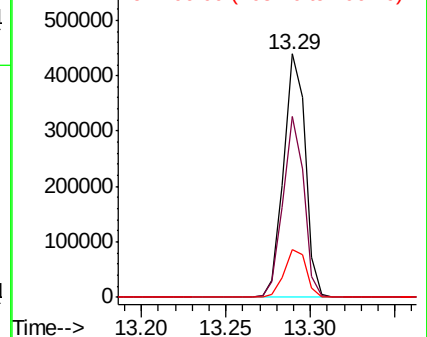
206 19.4 14.1 21.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 69.758 ng

RT: 13.85 min Scan# 1958

Delta R.T. 0.01 min

Lab File: BF109113.D

Acq: 18 Sep 2018 23:11

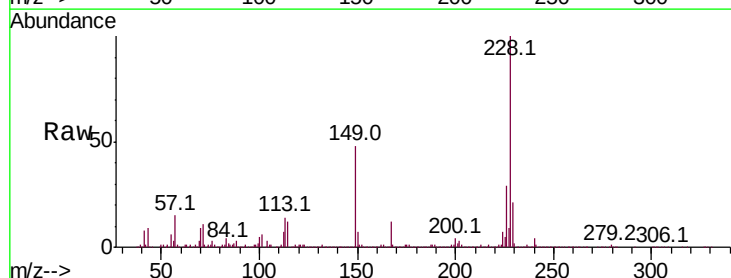
Tgt Ion:228 Resp: 1295872

Ion Ratio Lower Upper

228 100

226 29.2 22.6 33.8

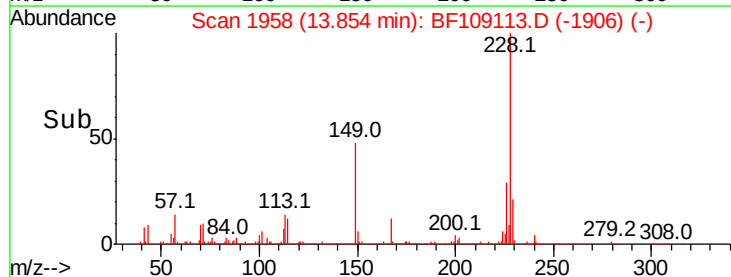
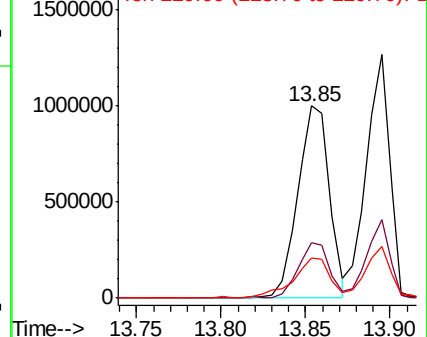
229 21.1 15.8 23.6

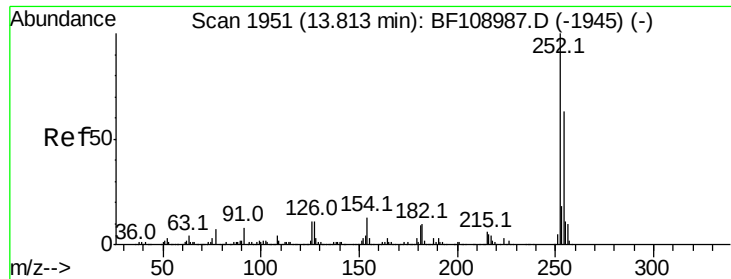


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

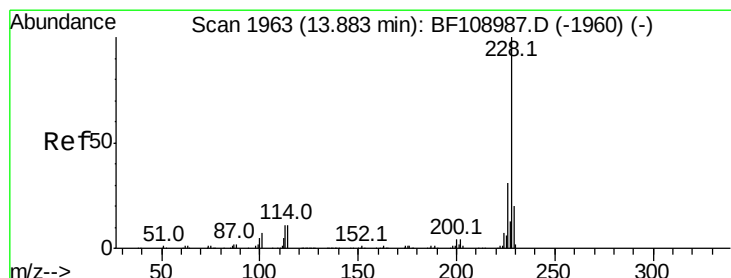
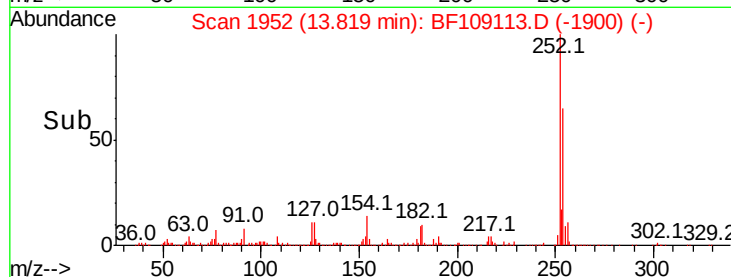
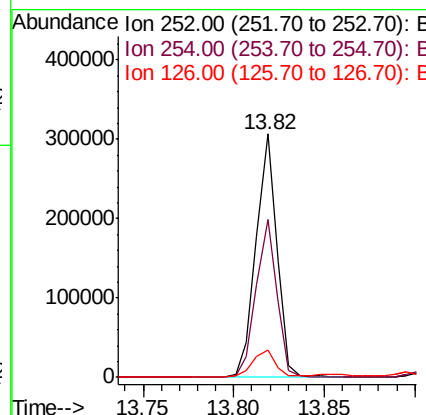
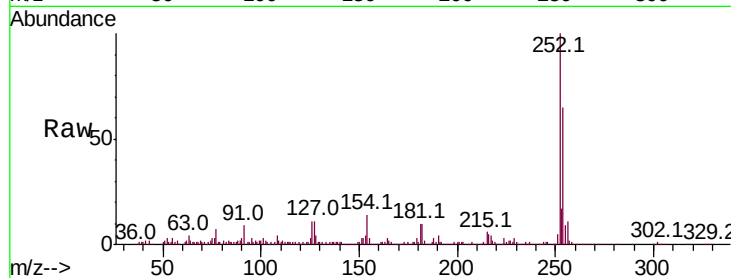




#81
 3,3'-Dichlorobenzidine
 Concen: 32.854 ng
 RT: 13.82 min Scan# 1952
 Delta R.T. 0.01 min
 Lab File: BF109113.D
 Acq: 18 Sep 2018 23:11

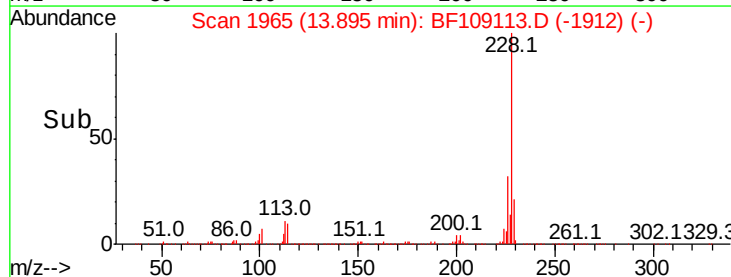
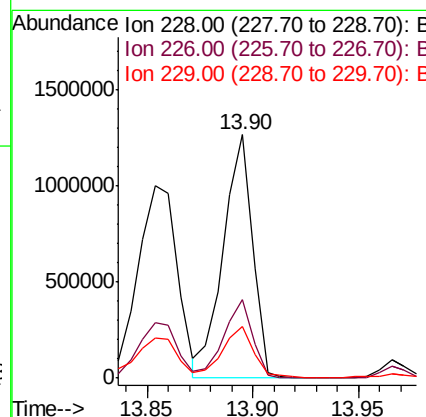
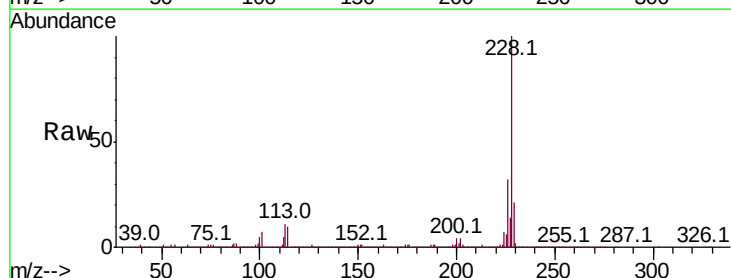
Instrument :
 BNA_F
 ClientSampleId :

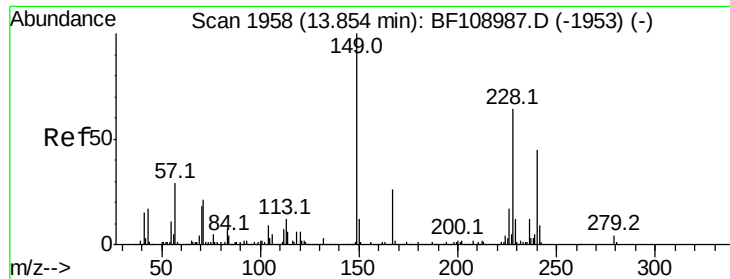
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.7	50.4	75.6
126	11.4	11.3	16.9



#82
 Chrysene
 Concen: 65.409 ng
 RT: 13.90 min Scan# 1965
 Delta R.T. 0.01 min
 Lab File: BF109113.D
 Acq: 18 Sep 2018 23:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.0	37.6
229	21.4	16.2	24.4

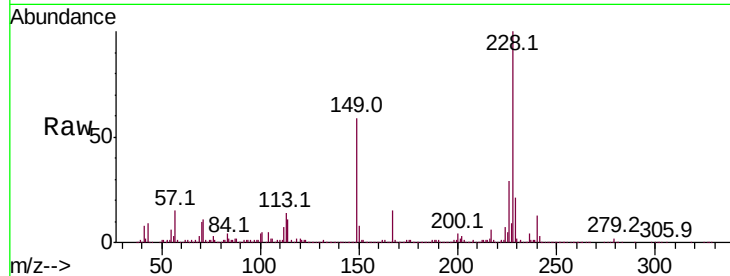




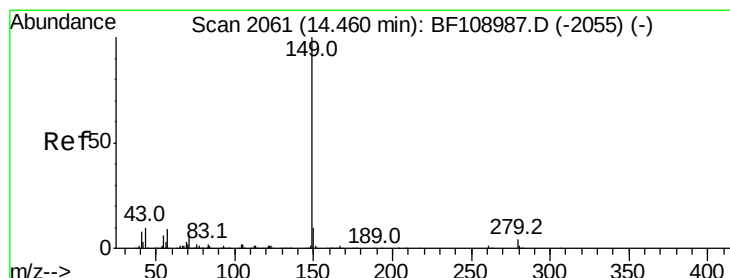
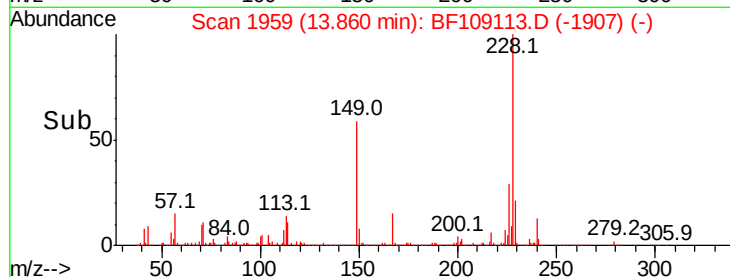
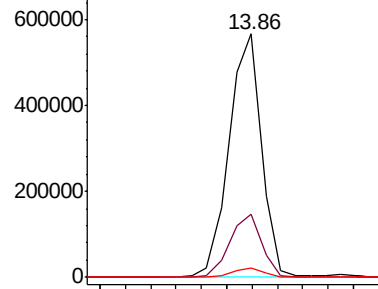
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.893 ng
 RT: 13.86 min Scan# 1959
 Delta R.T. 0.01 min
 Lab File: BF109113.D
 Acq: 18 Sep 2018 23:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.8	21.3	31.9
279	4.1	3.0	4.4

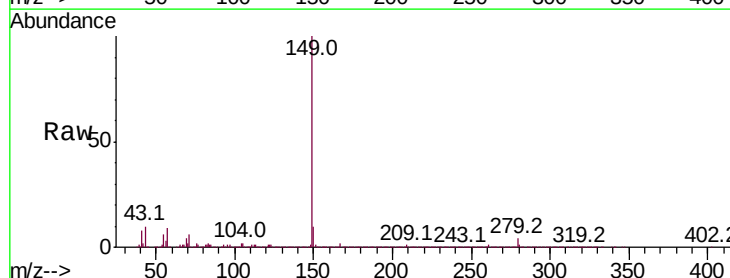


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

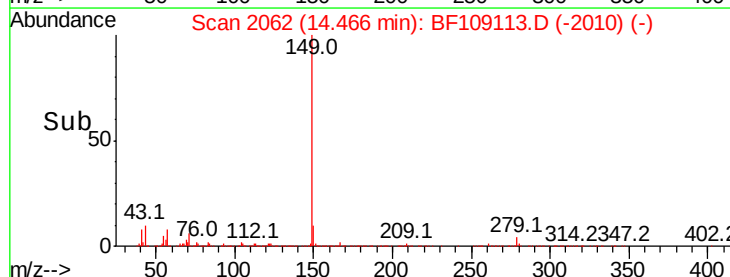
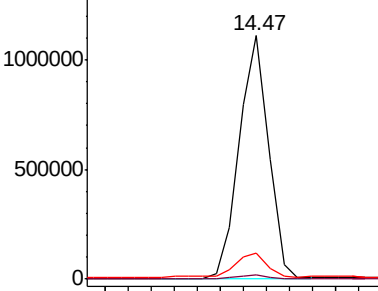


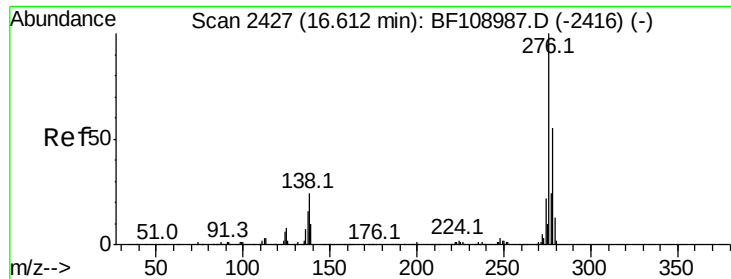
#84
 Di-n-octyl phthalate
 Concen: 46.692 ng
 RT: 14.47 min Scan# 2062
 Delta R.T. 0.01 min
 Lab File: BF109113.D
 Acq: 18 Sep 2018 23:11

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	10.3	8.4	12.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF1





#85

Indeno(1,2,3-cd)pyrene

Concen: 50.679 ng

RT: 16.64 min Scan# 2431

Delta R.T. 0.02 min

Lab File: BF109113.D

Acq: 18 Sep 2018 23:11

Instrument :

BNA_F

ClientSampleId :

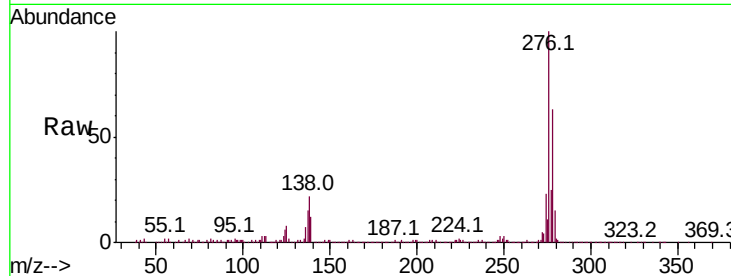
Tot Ion:276 Resp: 753058

Ion Ratio Lower Upper

276 100

138 23.0 25.0 37.6#

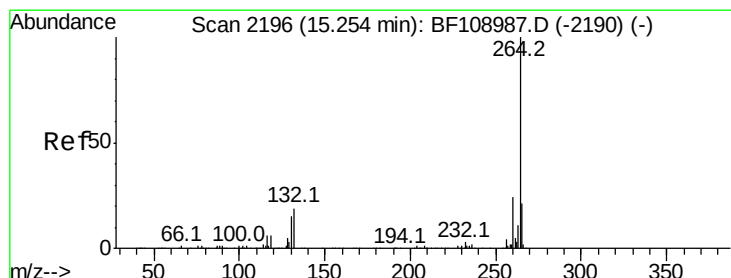
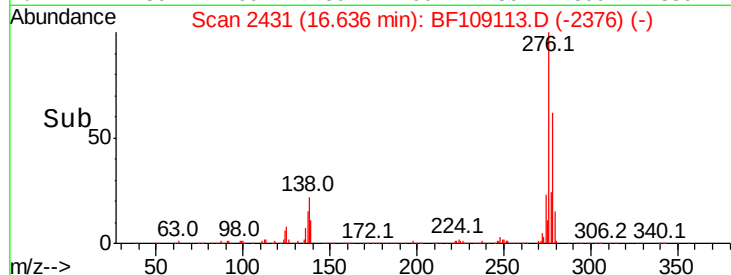
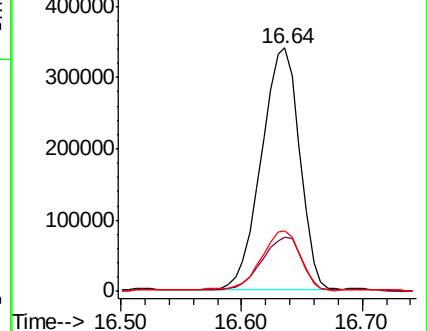
277 25.8 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.27 min Scan# 2199

Delta R.T. 0.02 min

Lab File: BF109113.D

Acq: 18 Sep 2018 23:11

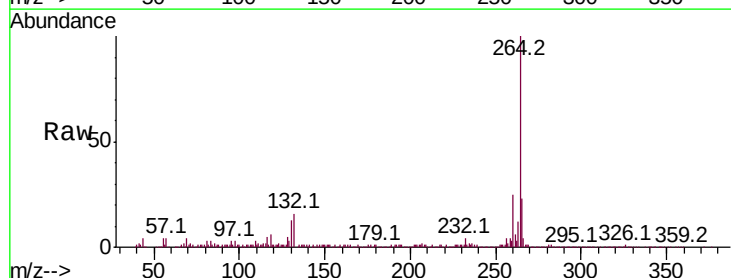
Tgt Ion:264 Resp: 298126

Ion Ratio Lower Upper

264 100

260 24.7 19.2 28.8

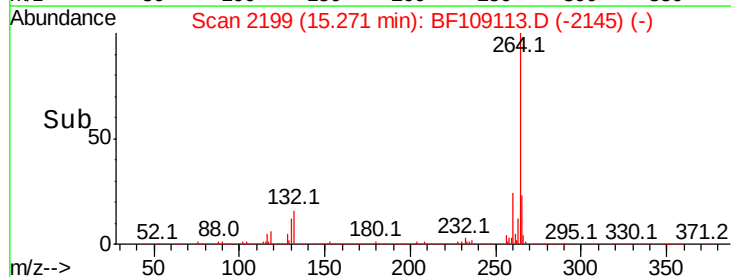
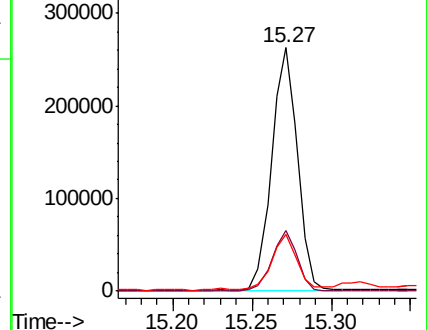
265 23.1 17.5 26.3

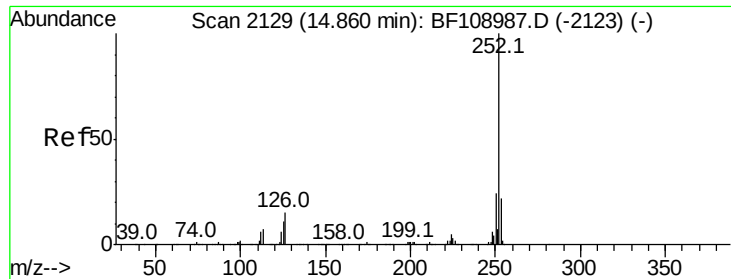


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 73.381 ng

RT: 14.88 min Scan# 2132

Delta R.T. 0.02 min

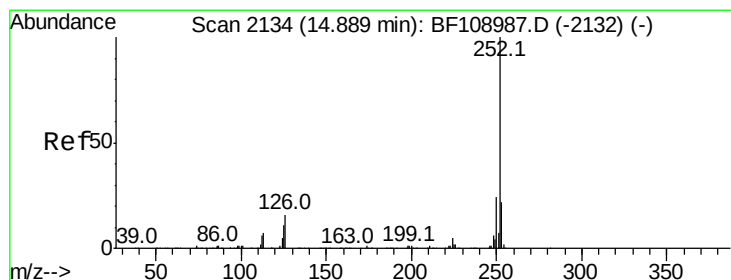
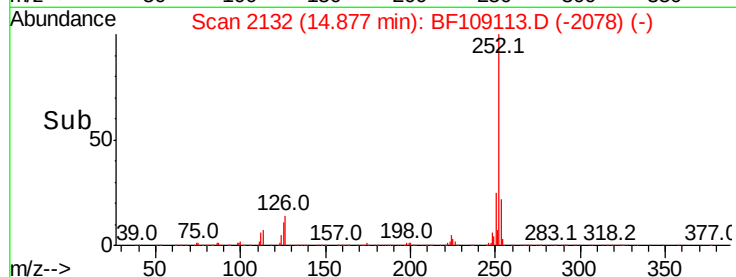
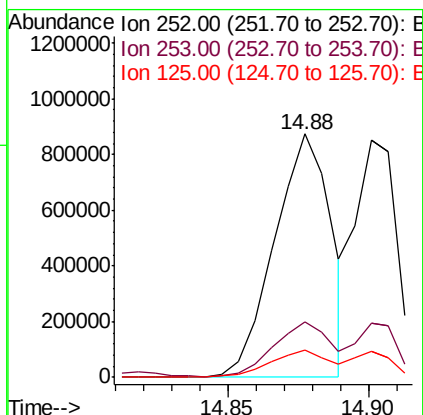
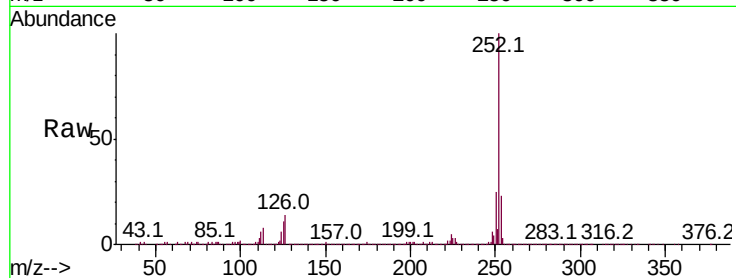
Lab File: BF109113.D

Acq: 18 Sep 2018 23:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 1210266

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.6
125	11.0	9.0	13.6



#88

Benzo(k)fluoranthene

Concen: 56.063 ng

RT: 14.90 min Scan# 2136

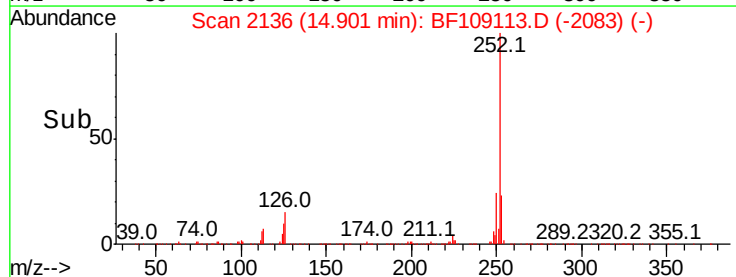
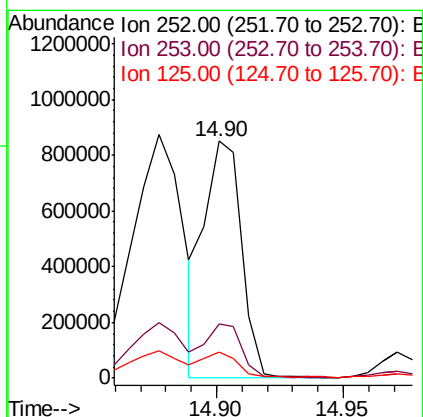
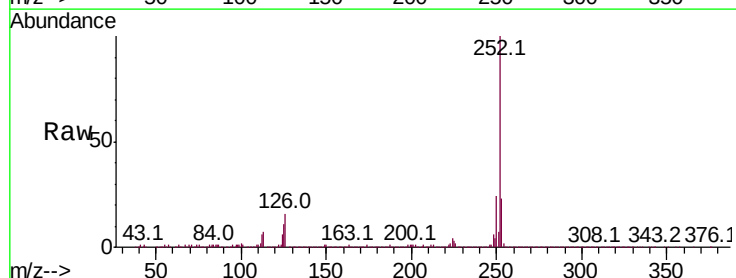
Delta R.T. 0.01 min

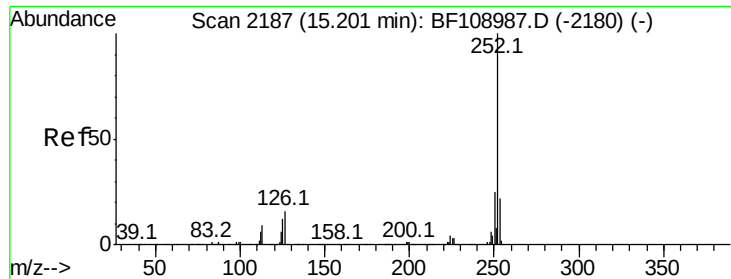
Lab File: BF109113.D

Acq: 18 Sep 2018 23:11

Tgt Ion:252 Resp: 863636

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	10.9	10.2	15.2

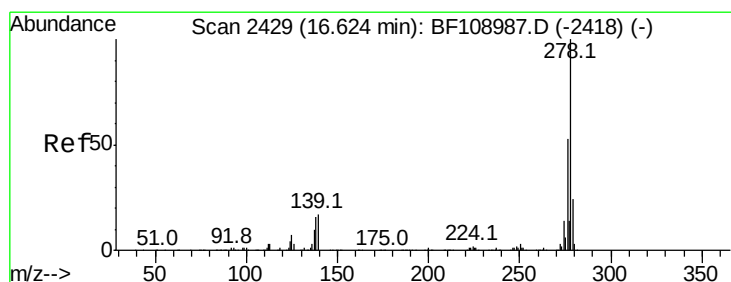
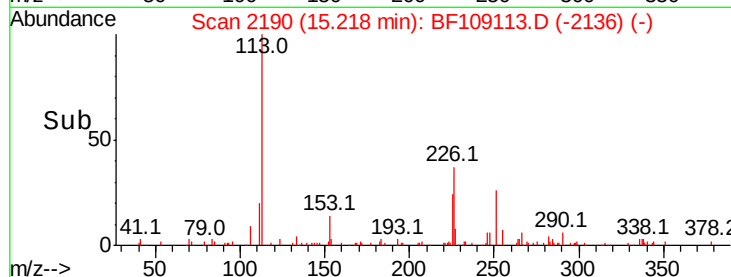
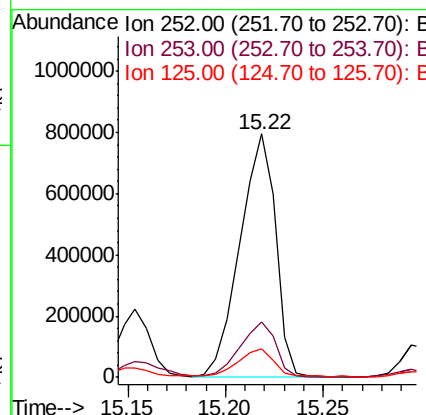
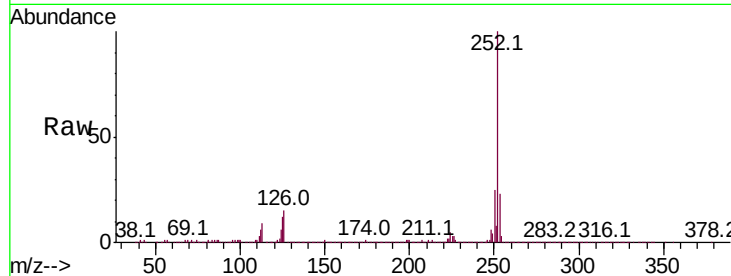




#89
Benzo(a)pyrene
Concen: 68.553 ng
RT: 15.22 min Scan# 2190
Delta R.T. 0.02 min
Lab File: BF109113.D
Acq: 18 Sep 2018 23:11

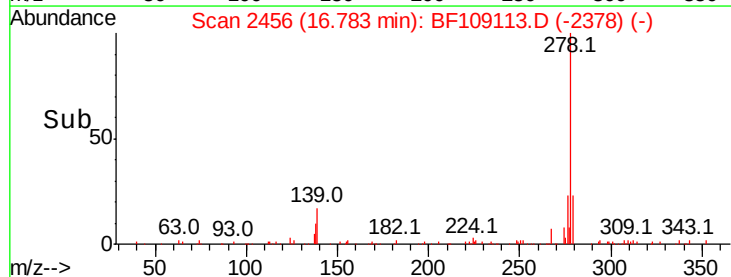
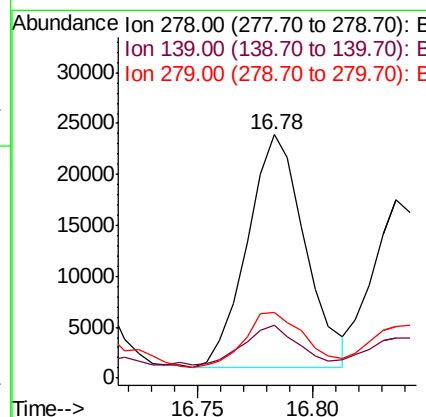
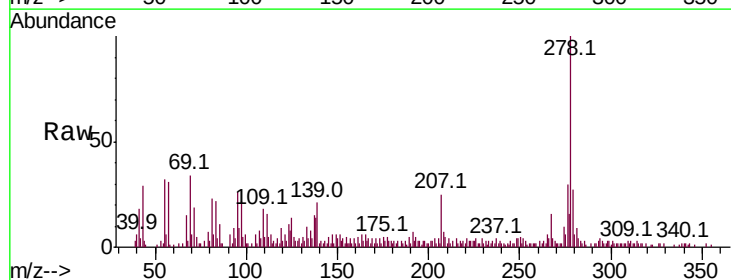
Instrument :
BNA_F
ClientSampled :

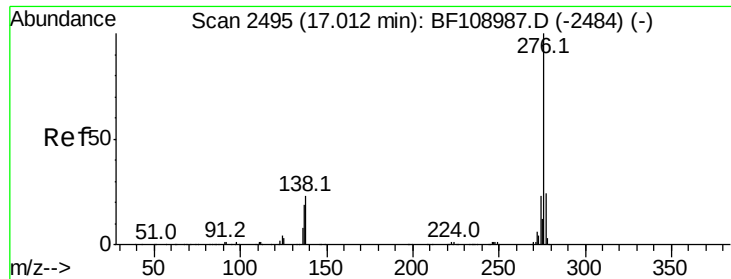
Tot Ion:252 Resp: 1004083
Ion Ratio Lower Upper
252 100
253 22.7 17.1 25.7
125 11.6 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 3.226 ng
RT: 16.78 min Scan# 2456
Delta R.T. 0.16 min
Lab File: BF109113.D
Acq: 18 Sep 2018 23:11

Tgt Ion:278 Resp: 39698
Ion Ratio Lower Upper
278 100
139 21.5 15.9 23.9
279 26.9 19.0 28.4





#91
 Benzo(a,h,i)perylene
 Concen: 51.172 ng
 RT: 17.04 min Scan# 2500
 Delta R.T. 0.03 min
 Lab File: BF109113.D
 Acq: 18 Sep 2018 23:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 629547
 Ion Ratio Lower Upper
 276 100
 277 23.9 17.9 26.9
 138 20.5 21.8 32.8#

