

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082918\
 Data File : BF108599.D
 Acq On : 29 Aug 2018 12:45
 Operator : JU/SJ
 Sample : PB112423BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 29 13:11:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	132896	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	557155	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	283173	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	567399	20.00	ng	0.00
75) Chrysene-d12	14.20	240	418485	20.00	ng	0.00
86) Perylene-d12	15.75	264	299977	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	826262	112.56	ng	0.02
7) Phenol-d6	6.64	99	1100843	112.85	ng	0.00
23) Nitrobenzene-d5	7.57	82	727623	72.87	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	343091	121.47	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	1435295	81.38	ng	0.00
78) Terphenyl-d14	13.13	244	1502073	91.26	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.03	88	126905	33.646	ng	90
3) Pyridine	3.78	79	303590	31.246	ng	# 84
4) n-Nitrosodimethylamine	3.74	42	174099	31.844	ng	82
6) Aniline	6.67	93	403423	30.405	ng	# 84
8) 2-Chlorophenol	6.79	128	375301	45.396	ng	93
9) Benzaldehyde	6.56	77	233934	30.932	ng	99
10) Phenol	6.65	94	455168	45.111	ng	86
11) bis(2-Chloroethyl)ether	6.74	93	326633	40.042	ng	95
12) 1,3-Dichlorobenzene	6.94	146	415030	43.417	ng	98
13) 1,4-Dichlorobenzene	7.02	146	440549	45.870	ng	98
14) 1,2-Dichlorobenzene	7.17	146	400878	44.873	ng	97
15) Benzyl Alcohol	7.15	79	301785	36.750	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.27	45	665964	39.630	ng	81
17) 2-Methylphenol	7.25	107	318798	44.966	ng	# 86
18) Hexachloroethane	7.51	117	153007	44.748	ng	92
19) n-Nitroso-di-n-propylamine	7.41	70	280807	42.570	ng	92
20) 3+4-Methylphenols	7.41	107	392527	43.204	ng	# 54
22) Acetophenone	7.41	105	549825	42.204	ng	# 89
24) Nitrobenzene	7.58	77	419368	41.536	ng	93
25) Isophorone	7.82	82	755395	39.693	ng	97
26) 2-Nitrophenol	7.90	139	188910	49.544	ng	91
27) 2,4-Dimethylphenol	7.93	122	340845	40.353	ng	96
28) bis(2-Chloroethoxy)methane	8.02	93	466866	42.023	ng	99
29) 2,4-Dichlorophenol	8.14	162	345841	44.492	ng	99
30) 1,2,4-Trichlorobenzene	8.22	180	364330	42.512	ng	97
31) Naphthalene	8.31	128	1132079	44.679	ng	99
32) Benzoic acid	8.08	122	157287	34.070	ng	93
33) 4-Chloroaniline	8.35	127	269271	24.385	ng	95
34) Hexachlorobutadiene	8.41	225	235017	43.319	ng	98
35) Caprolactam	8.73	113	46636	19.145	ng	# 77
36) 4-Chloro-3-methylphenol	8.84	107	354272	42.248	ng	99
37) 2-Methylnaphthalene	9.00	142	761585	42.482	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	391636	45.037	ng	98
40) Hexachlorocyclopentadiene	9.14	237	366330	65.220	ng	99

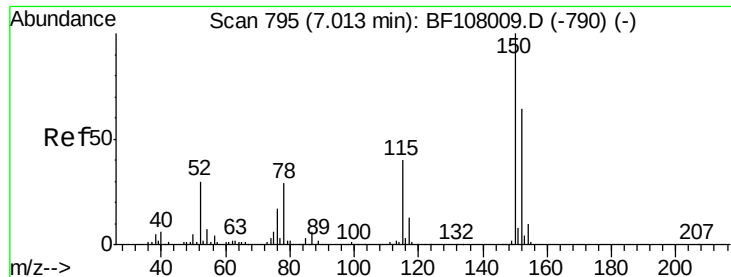
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082918\
 Data File : BF108599.D
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 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	237911	44.088	ng	99
43) 2,4,5-Trichlorophenol	9.32	196	273022	45.961	ng	95
45) 1,1'-Biphenyl	9.46	154	934242	44.747	ng	99
46) 2-Chloronaphthalene	9.49	162	722065	43.758	ng	99
47) 2-Nitroaniline	9.60	65	240108	44.970	ng	90
48) Acenaphthylene	9.91	152	1139970	43.698	ng	99
49) Dimethylphthalate	9.76	163	847158	42.948	ng	99
50) 2,6-Dinitrotoluene	9.83	165	185799	45.021	ng	90
51) Acenaphthene	10.08	154	642322	40.199	ng	100
52) 3-Nitroaniline	10.01	138	139280	30.846	ng	94
53) 2,4-Dinitrophenol	10.12	184	126270	81.602	ng	# 25
54) Dibenzofuran	10.25	168	1000982	43.240	ng	96
55) 4-Nitrophenol	10.18	139	225397	65.919	ng	# 79
56) 2,4-Dinitrotoluene	10.24	165	242112	45.577	ng	# 96
57) Fluorene	10.60	166	806697	44.021	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	229894	46.302	ng	# 84
59) Diethylphthalate	10.46	149	818349	42.844	ng	96
60) 4-Chlorophenyl-phenylether	10.58	204	411797	43.125	ng	94
61) 4-Nitroaniline	10.64	138	173449	38.853	ng	89
62) Azobenzene	10.75	77	830644	42.109	ng	93
64) 4,6-Dinitro-2-methylphenol	10.65	198	87567	41.877	ng	88
65) n-Nitrosodiphenylamine	10.71	169	715227	42.656	ng	97
66) 4-Bromophenyl-phenylether	11.08	248	268458	43.538	ng	# 87
67) Hexachlorobenzene	11.15	284	281200	43.343	ng	# 86
68) Atrazine	11.23	200	242356	43.095	ng	96
69) Pentachlorophenol	11.35	266	252261	81.236	ng	97
70) Phenanthrene	11.57	178	1166214	43.577	ng	99
71) Anthracene	11.62	178	1193346	43.506	ng	100
72) Carbazole	11.78	167	1032291	42.359	ng	99
73) Di-n-butylphthalate	12.08	149	1237983	44.848	ng	99
74) Fluoranthene	12.77	202	1264596	43.297	ng	95
76) Benzidine	12.88	184	607629	38.862	ng	99
77) Pyrene	12.99	202	1230570	46.446	ng	99
79) Butylbenzylphthalate	13.59	149	515691	49.018	ng	# 97
80) Benzo(a)anthracene	14.19	228	1038548	43.243	ng	98
81) 3,3'-Dichlorobenzidine	14.15	252	211037	24.519	ng	# 96
82) Chrysene	14.23	228	964157	43.789	ng	99
83) Bis(2-ethylhexyl)phthalate	14.14	149	676469	47.482	ng	99
84) Di-n-octyl phthalate	14.77	149	1043370	48.020	ng	97
85) Indeno(1,2,3-cd)pyrene	17.38	276	742748	38.932	ng	# 89
87) Benzo(b)fluoranthene	15.29	252	795130	44.359	ng	# 96
88) Benzo(k)fluoranthene	15.32	252	786861	47.754	ng	# 96
89) Benzo(a)pyrene	15.69	252	721689	44.962	ng	# 97
90) Dibenzo(a,h)anthracene	17.39	278	624039	46.988	ng	# 93
91) Benzo(g,h,i)perylene	17.88	276	623153	47.651	ng	# 88

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

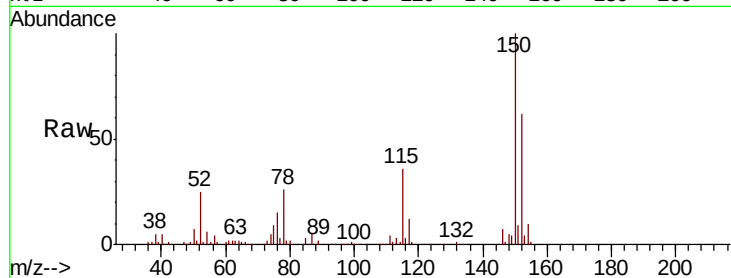


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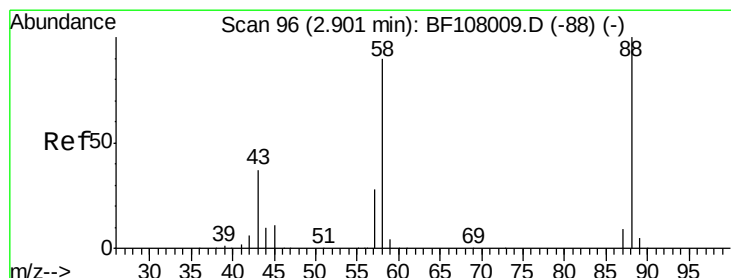
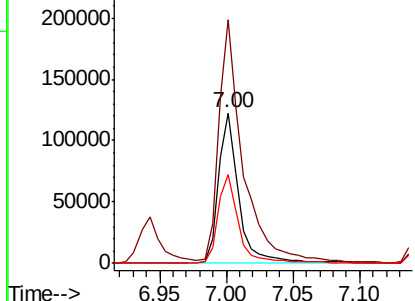
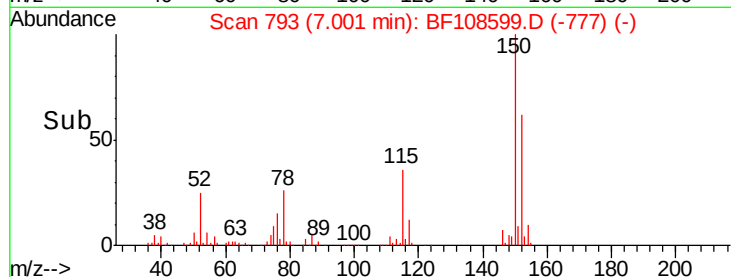
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108599.D
Acq: 29 Aug 2018 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.6	124.6	186.8
115	58.9	50.1	75.1



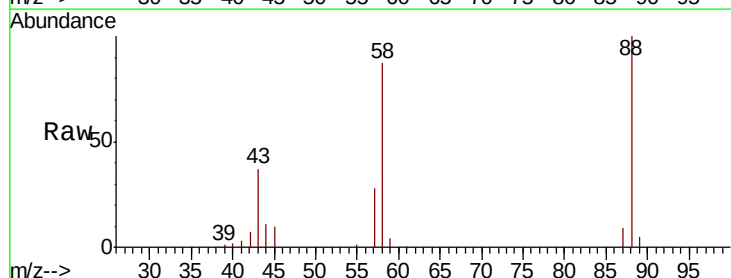
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



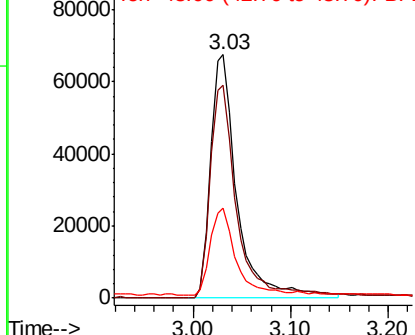
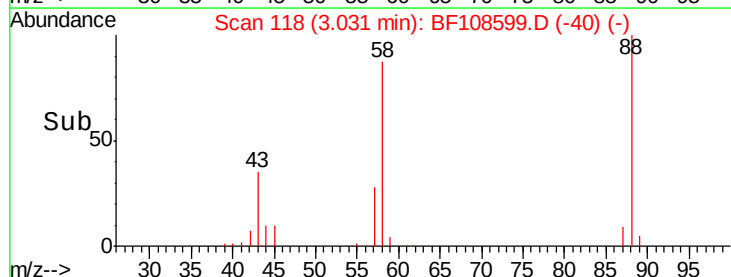
#2

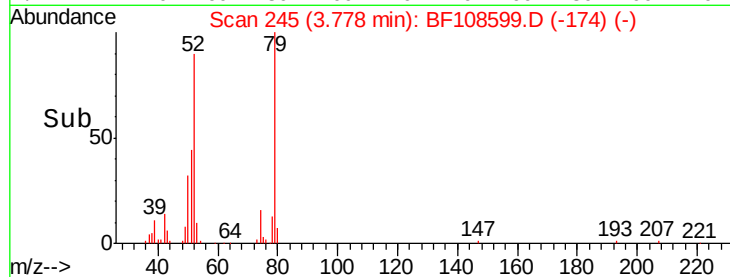
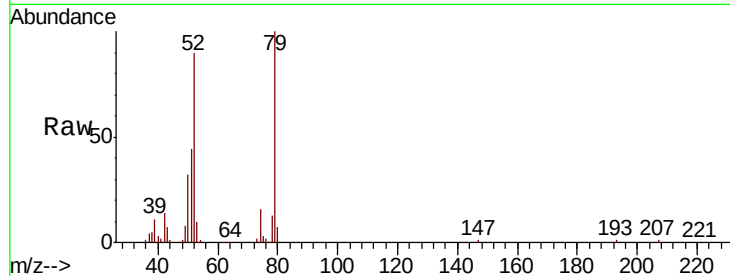
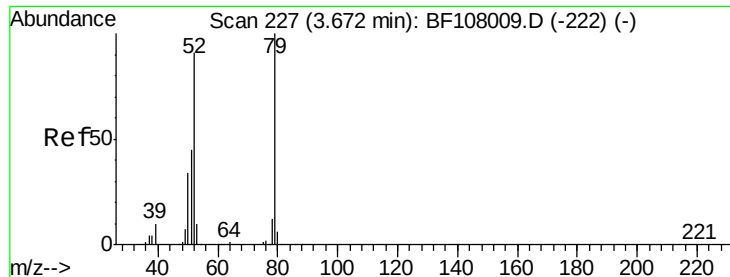
1,4-Dioxane
Concen: 33.646 ng
RT: 3.03 min Scan# 118
Delta R.T. 0.16 min
Lab File: BF108599.D
Acq: 29 Aug 2018 12:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.4	62.6	93.8
43	34.8	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

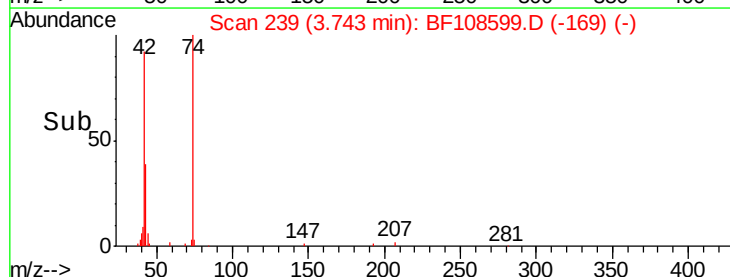
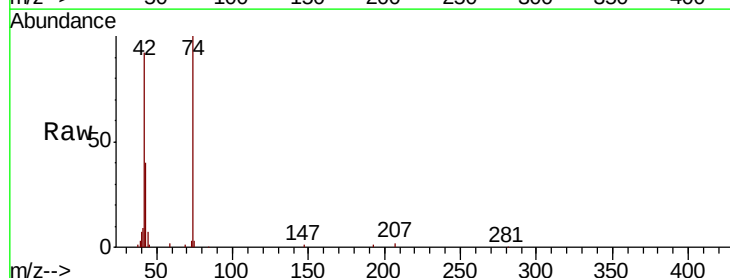
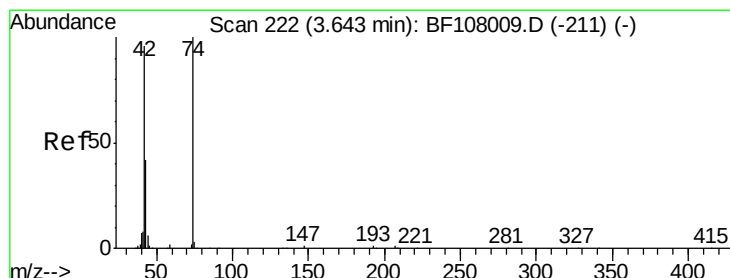
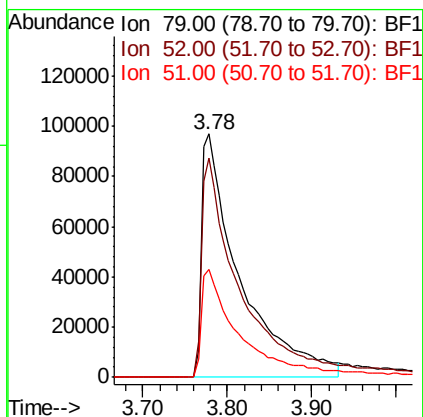




#3
 Pvridine
 Concen: 31.246 ng
 RT: 3.78 min Scan# 245
 Delta R.T. 0.12 min
 Lab File: BF108599.D
 Acq: 29 Aug 2018 12:45

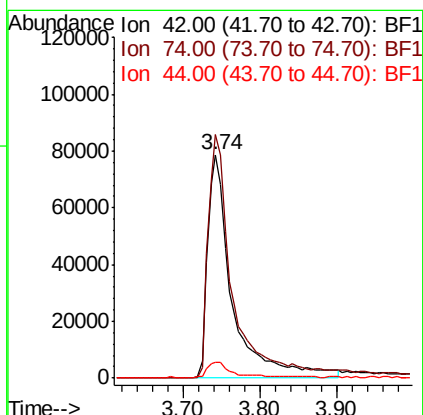
Instrument :
 BNA_F
 ClientSampleId :

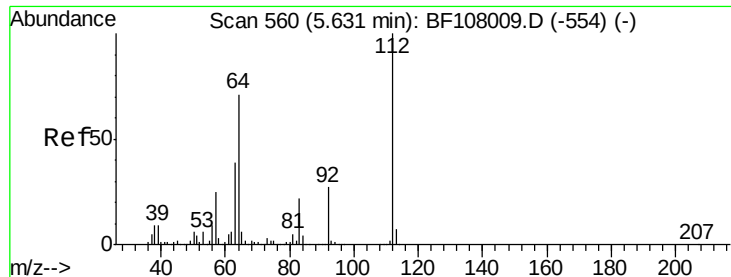
Tot Ion	Ratio	Lower	Upper
79	100		
52	89.8	59.8	89.6#
51	44.3	29.8	44.8



#4
 n-Nitrosodimethylamine
 Concen: 31.844 ng
 RT: 3.74 min Scan# 239
 Delta R.T. 0.11 min
 Lab File: BF108599.D
 Acq: 29 Aug 2018 12:45

Tgt Ion	Ratio	Lower	Upper
42	100		
74	109.0	104.9	157.3
44	7.1	6.9	10.3





#5

2-Fluorophenol

Concen: 112.562 ng

RT: 5.65 min Scan# 563

Delta R.T. 0.02 min

Lab File: BF108599.D

Acq: 29 Aug 2018 12:45

Instrument :

BNA_F

ClientSampleId :

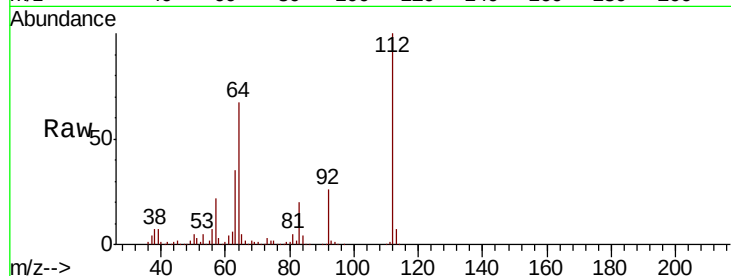
Tot Ion:112 Resp: 826262

Ion Ratio Lower Upper

112 100

64 67.4 47.9 71.9

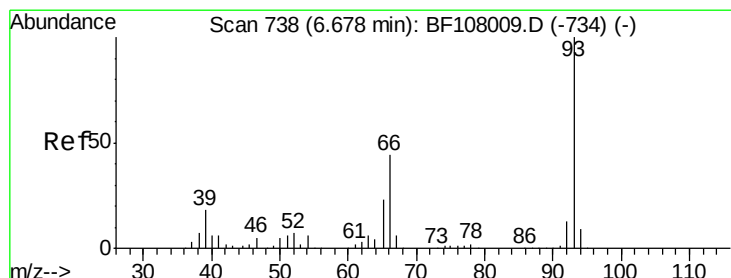
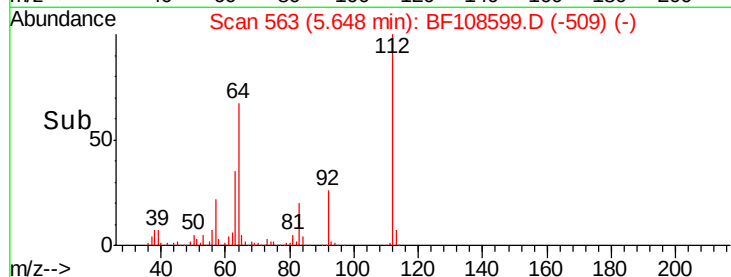
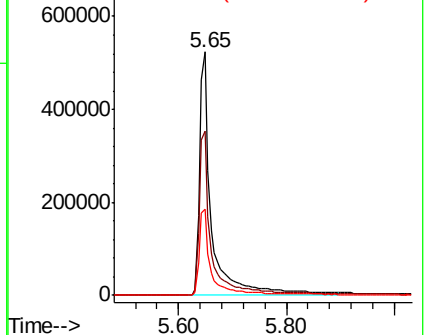
63 35.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 30.405 ng

RT: 6.67 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF108599.D

Acq: 29 Aug 2018 12:45

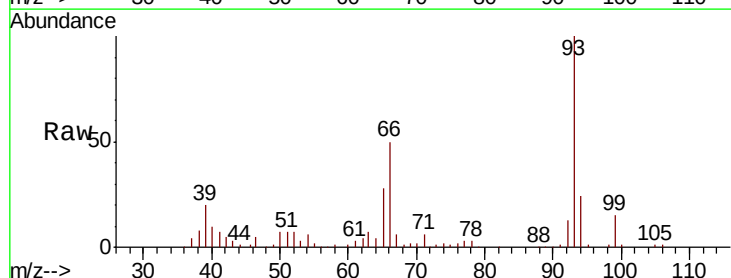
Tgt Ion: 93 Resp: 403423

Ion Ratio Lower Upper

93 100

66 50.5 32.2 48.2#

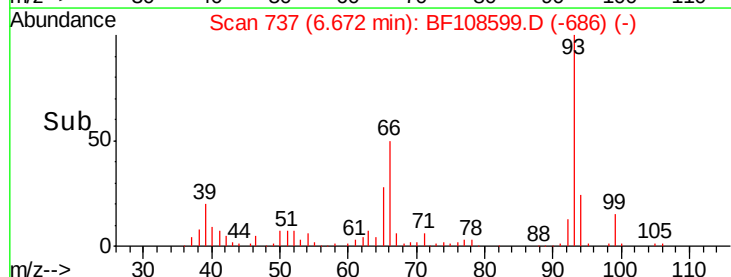
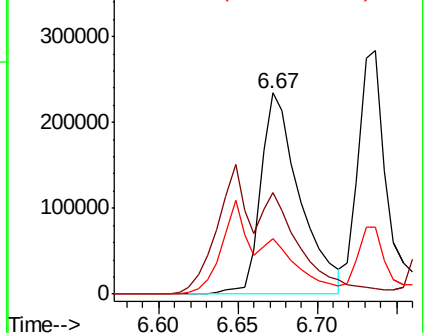
65 27.7 16.4 24.6#

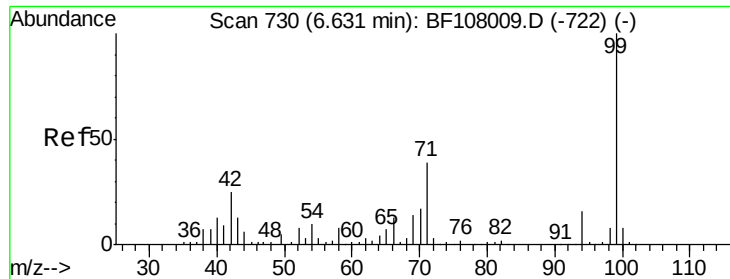


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 112.855 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF108599.D

Acq: 29 Aug 2018 12:45

Instrument :

BNA_F

ClientSampled :

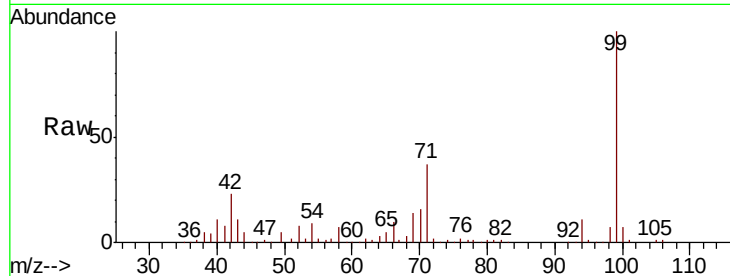
Tot Ion: 99 Resp: 1100843

Ion Ratio Lower Upper

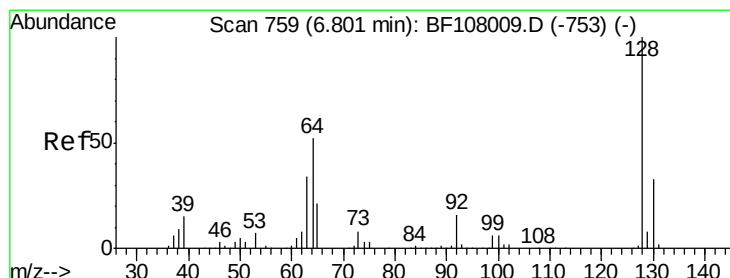
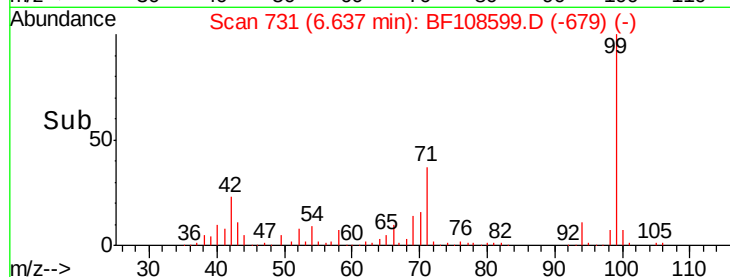
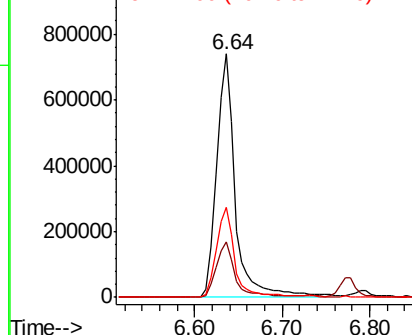
99 100

42 22.9 14.5 21.7#

71 37.1 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: 45.396 ng

RT: 6.79 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF108599.D

Acq: 29 Aug 2018 12:45

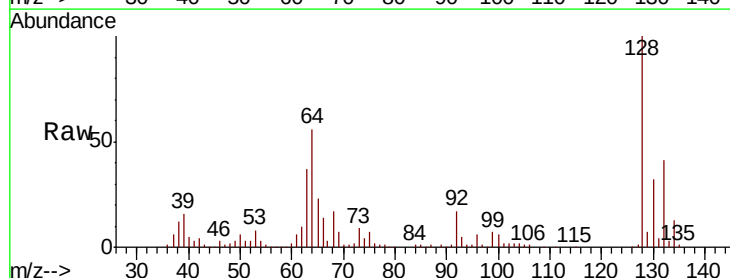
Tgt Ion: 128 Resp: 375301

Ion Ratio Lower Upper

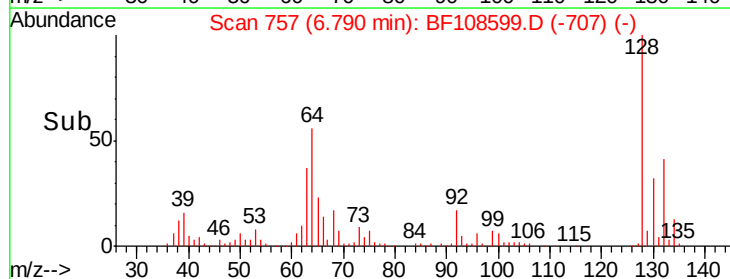
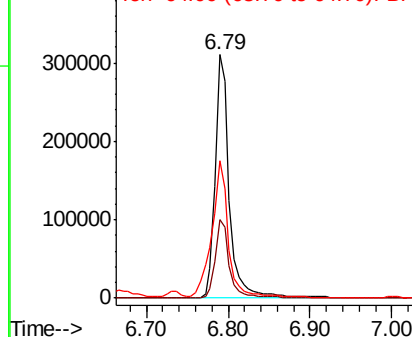
128 100

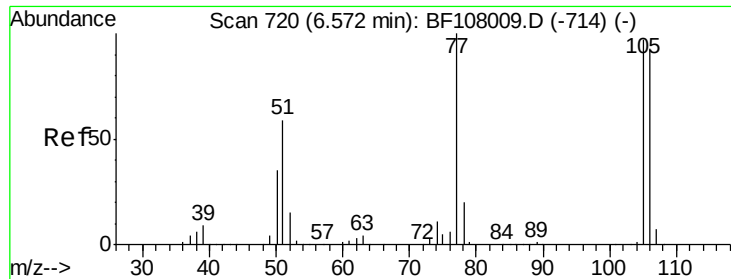
130 32.2 13.0 53.0

64 56.5 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: 30.932 ng

RT: 6.56 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF108599.D

Acq: 29 Aug 2018 12:45

Instrument :

BNA_F

ClientSampleId :

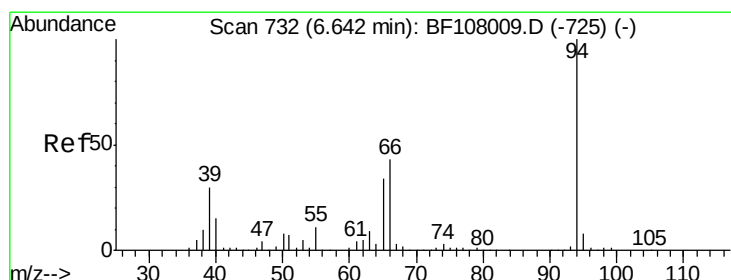
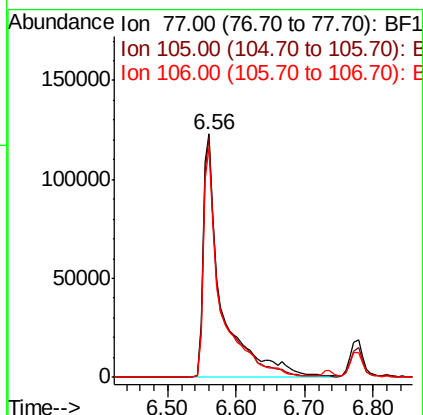
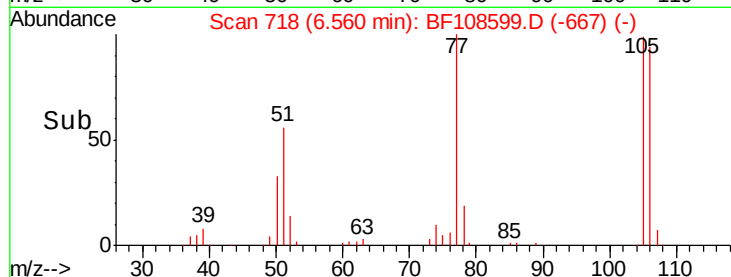
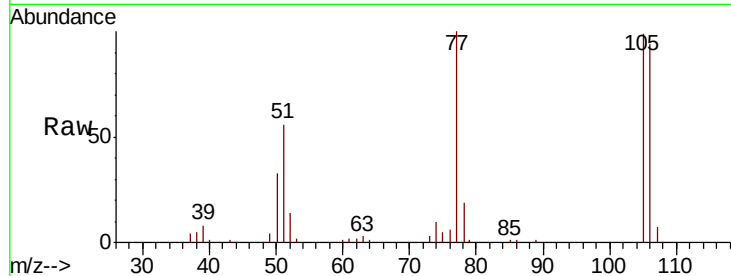
Tot Ion: 77 Resp: 233934

Ion Ratio Lower Upper

77 100

105 98.7 81.1 121.1

106 94.4 74.5 114.5



#10

Phenol

Concen: 45.111 ng

RT: 6.65 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF108599.D

Acq: 29 Aug 2018 12:45

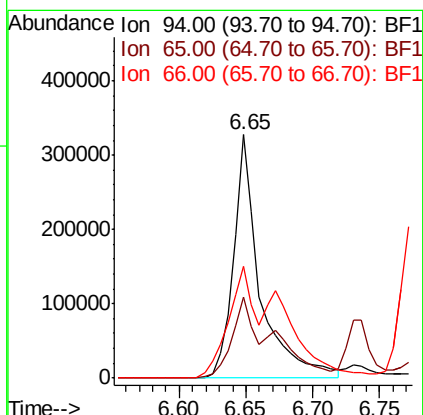
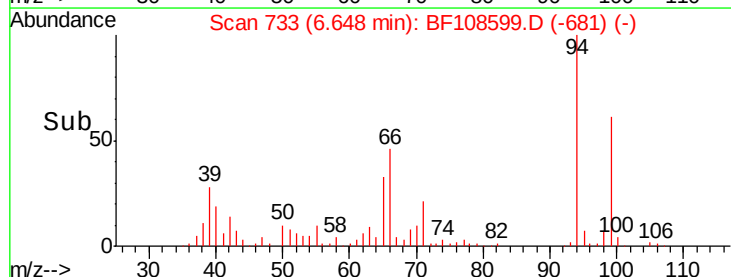
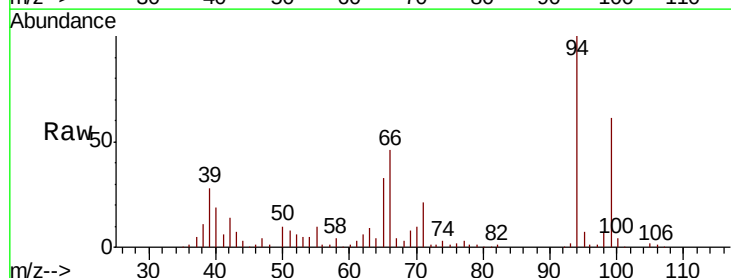
Tgt Ion: 94 Resp: 455168

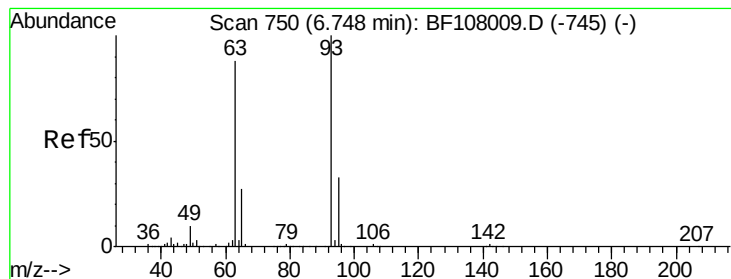
Ion Ratio Lower Upper

94 100

65 33.3 7.9 47.9

66 46.0 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 40.042 ng

RT: 6.74 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF108599.D

Acq: 29 Aug 2018 12:45

Instrument :

BNA_F

ClientSampleId :

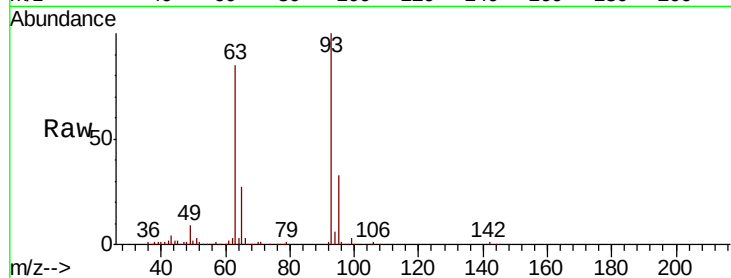
Tot Ion: 93 Resp: 326633

Ion Ratio Lower Upper

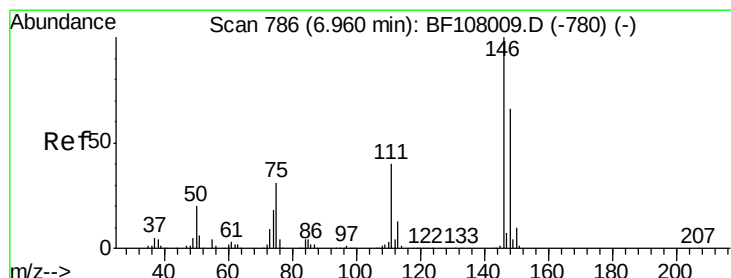
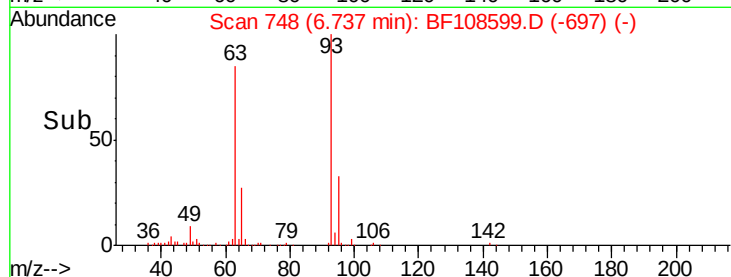
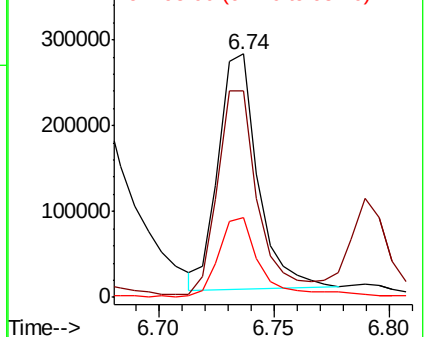
93 100

63 84.6 58.6 98.6

95 32.7 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: 43.417 ng

RT: 6.94 min Scan# 783

Delta R.T. -0.01 min

Lab File: BF108599.D

Acq: 29 Aug 2018 12:45

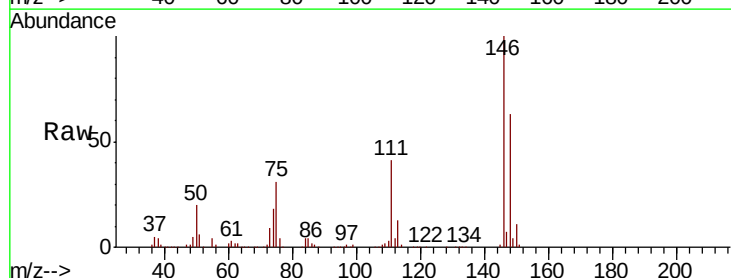
Tgt Ion: 146 Resp: 415030

Ion Ratio Lower Upper

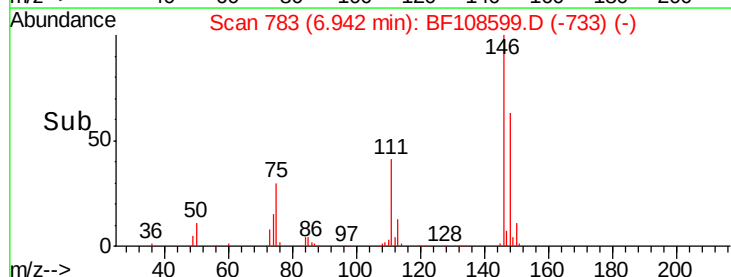
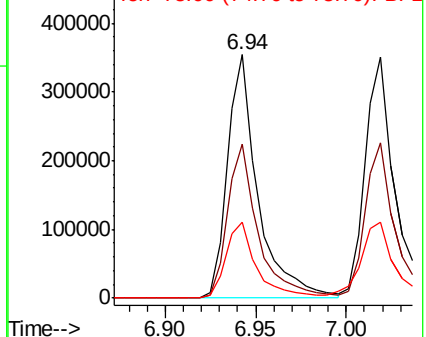
146 100

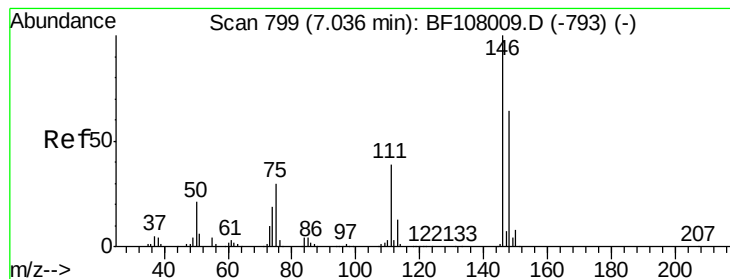
148 63.4 51.8 77.8

75 31.4 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: 45.870 ng

RT: 7.02 min Scan# 796

Delta R.T. -0.01 min

Lab File: BF108599.D

Acq: 29 Aug 2018 12:45

Instrument :

BNA_F

ClientSampled :

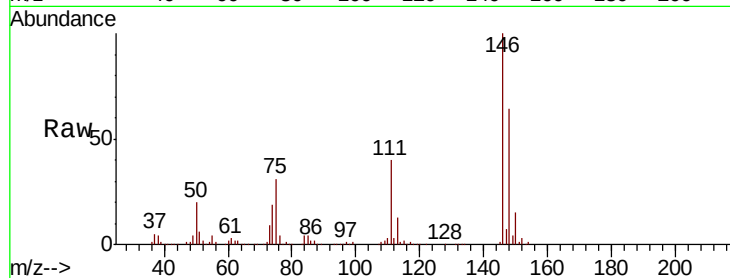
Tot Ion:146 Resp: 440549

Ion Ratio Lower Upper

146 100

148 64.3 50.8 76.2

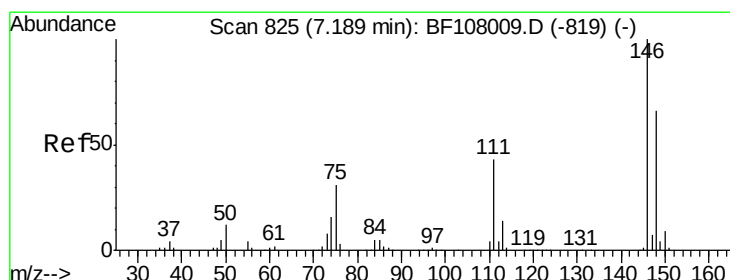
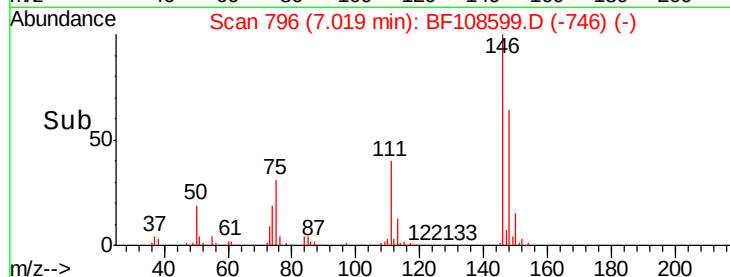
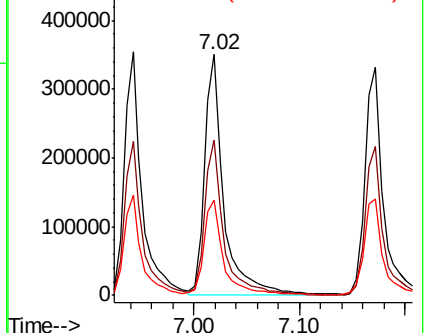
111 39.8 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 44.873 ng

RT: 7.17 min Scan# 822

Delta R.T. -0.01 min

Lab File: BF108599.D

Acq: 29 Aug 2018 12:45

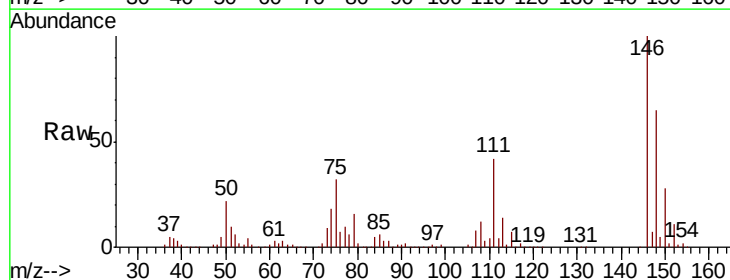
Tgt Ion:146 Resp: 400878

Ion Ratio Lower Upper

146 100

148 65.3 50.6 75.8

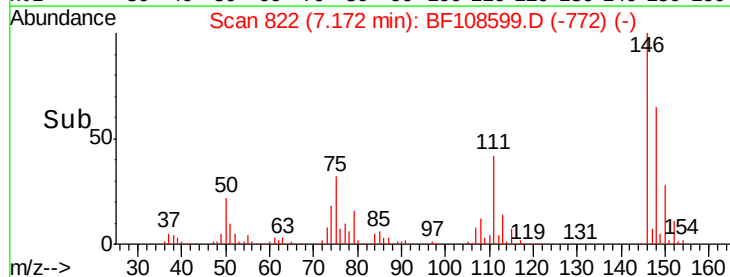
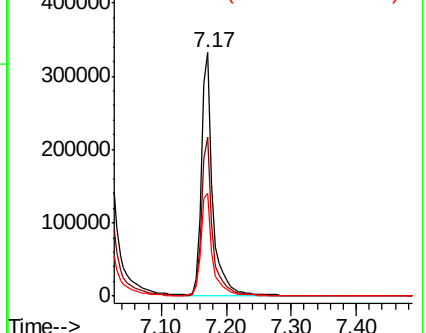
111 42.1 36.0 54.0

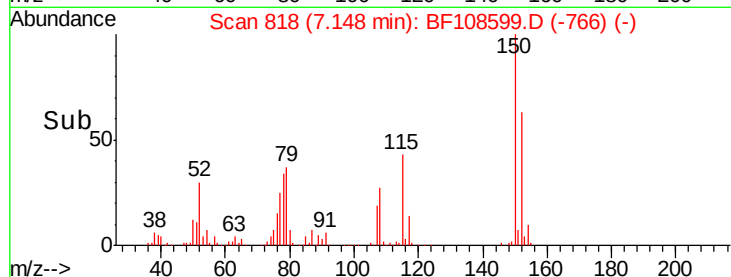
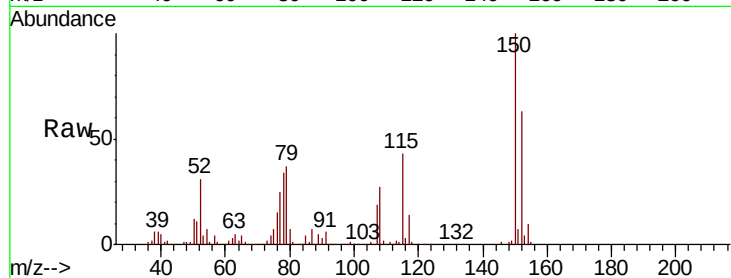
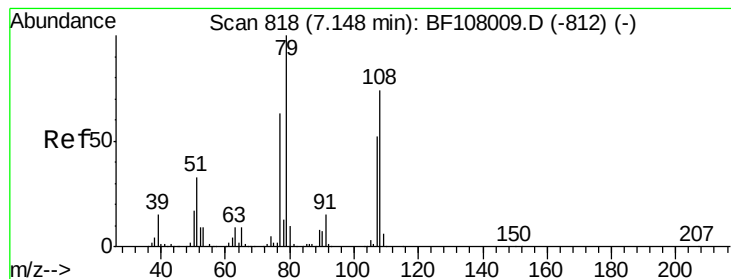


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.750 ng

RT: 7.15 min Scan# 818

Delta R.T. 0.01 min

Lab File: BF108599.D

Acq: 29 Aug 2018 12:45

Tot Ion: 79 Resp: 301785

Ion Ratio Lower Upper

79 100

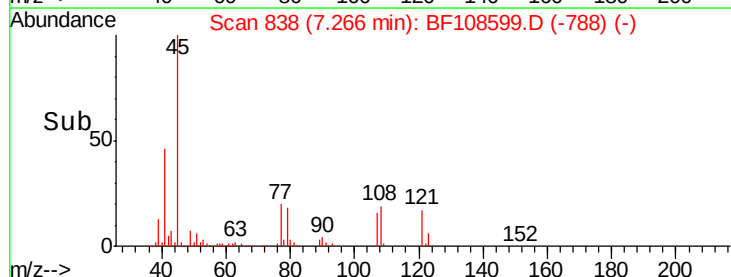
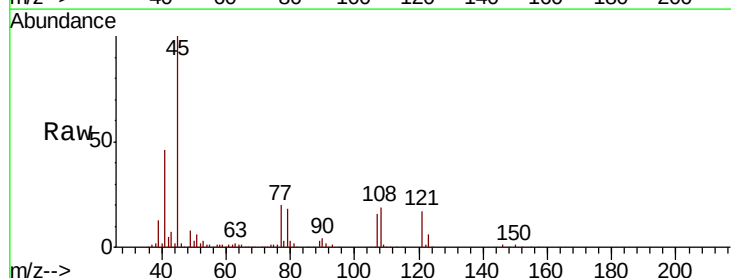
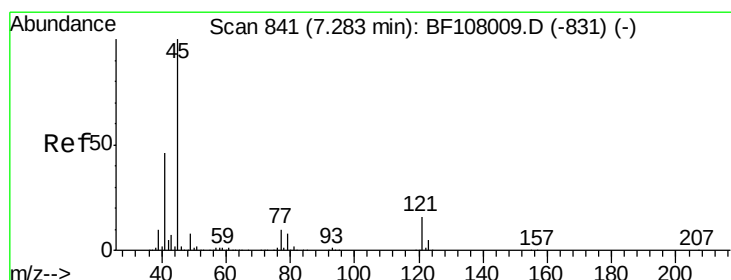
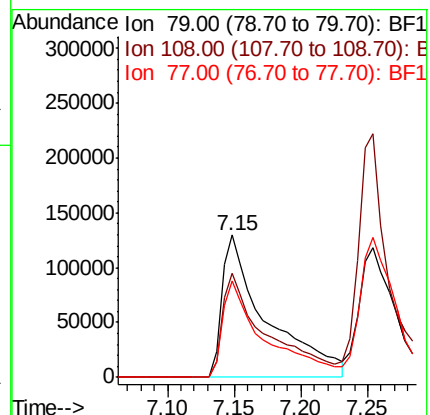
108 72.8 65.1 97.7

77 68.0 50.6 75.8

Instrument :

BNA_F

ClientSampled :



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.630 ng

RT: 7.27 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF108599.D

Acq: 29 Aug 2018 12:45

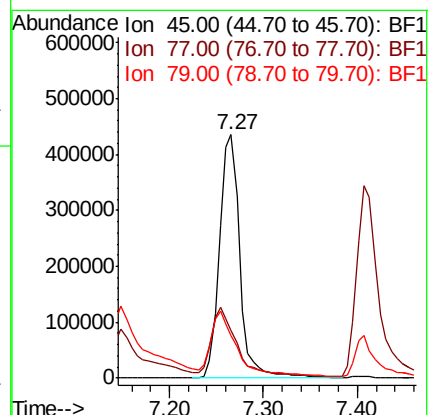
Tgt Ion: 45 Resp: 665964

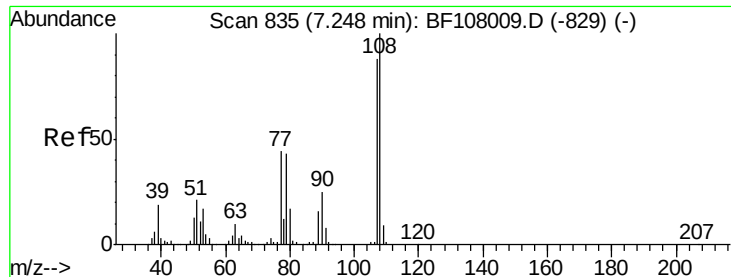
Ion Ratio Lower Upper

45 100

77 19.9 0.0 32.9

79 17.7 0.0 29.6





#17

2-Methylphenol

Concen: 44.966 ng

RT: 7.25 min Scan# 836

Delta R.T. 0.01 min

Lab File: BF108599.D

Acq: 29 Aug 2018 12:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 318798

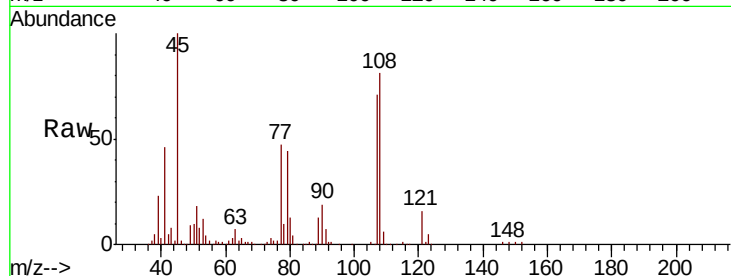
Ion Ratio Lower Upper

107 100

108 114.4 91.7 137.5

77 65.6 33.8 50.8#

79 61.2 33.8 50.8#

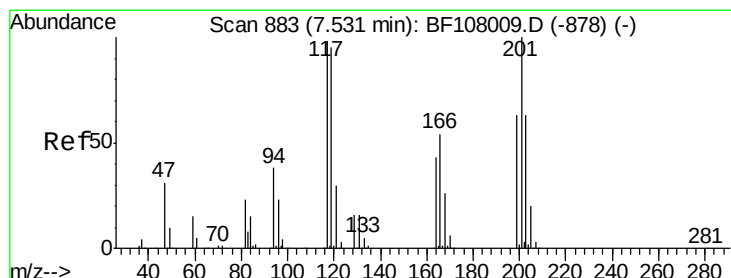
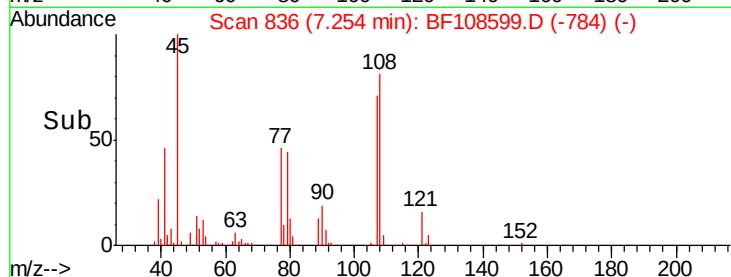
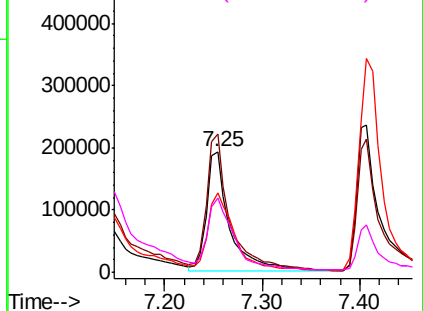


Abundance Ion 107.00 (106.70 to 107.70): E

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: 44.748 ng

RT: 7.51 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF108599.D

Acq: 29 Aug 2018 12:45

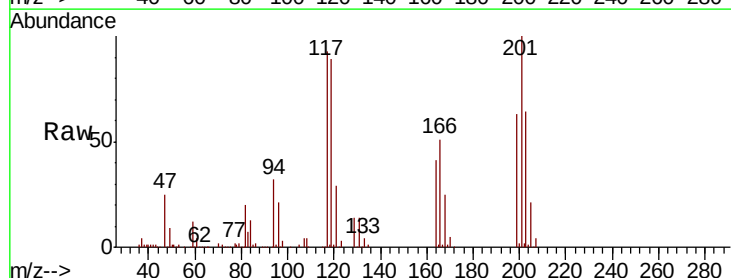
Tgt Ion:117 Resp: 153007

Ion Ratio Lower Upper

117 100

119 96.3 75.8 113.8

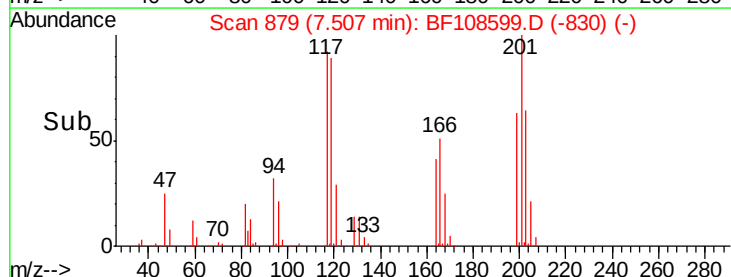
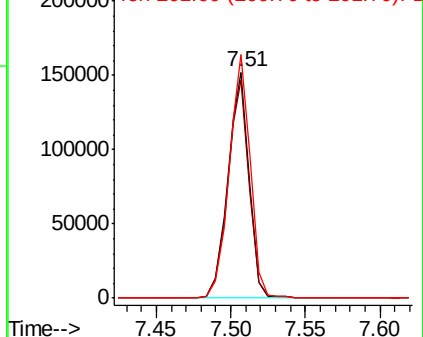
201 107.8 75.7 113.5

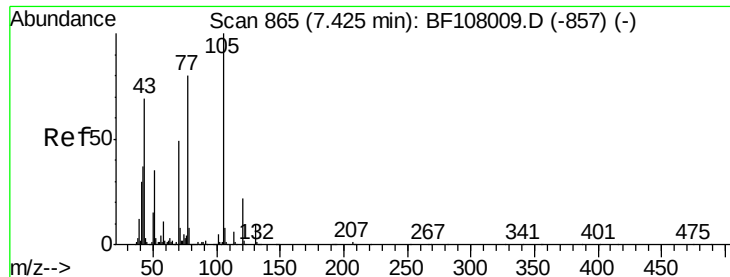


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

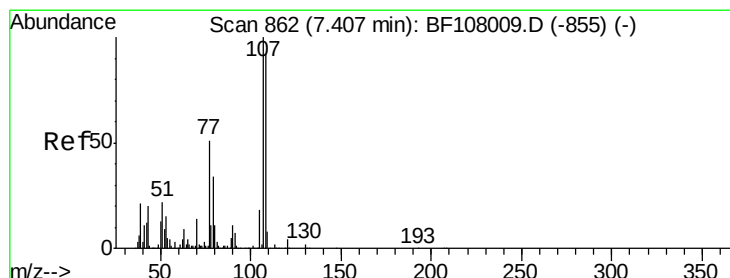
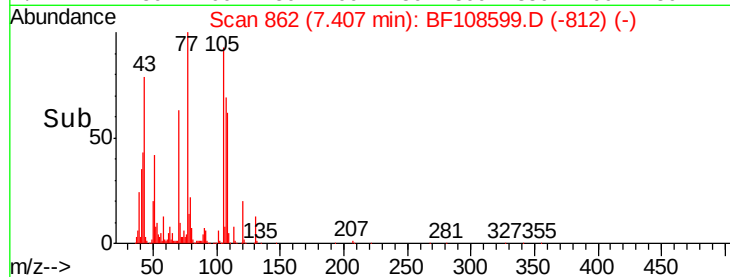
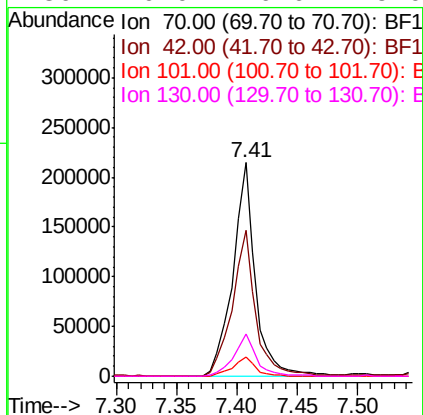
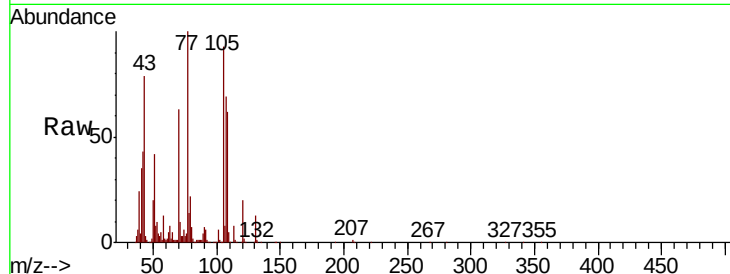




#19
n-Nitroso-di-n-propylamine
Concen: 42.570 ng
RT: 7.41 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF108599.D
Acq: 29 Aug 2018 12:45

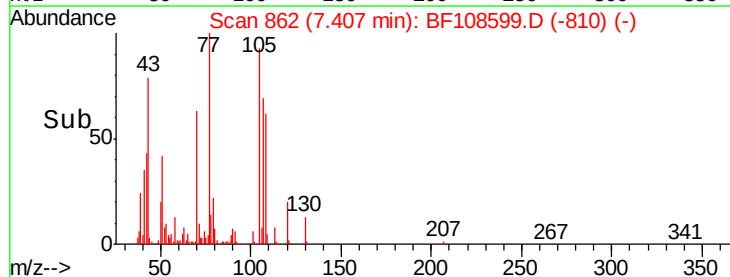
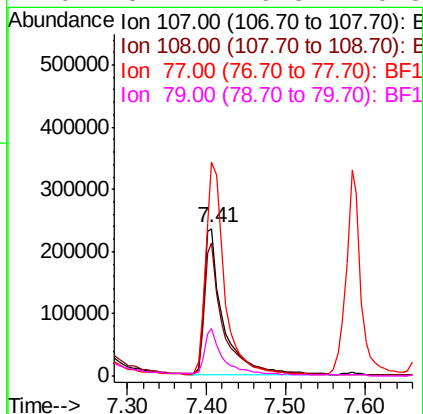
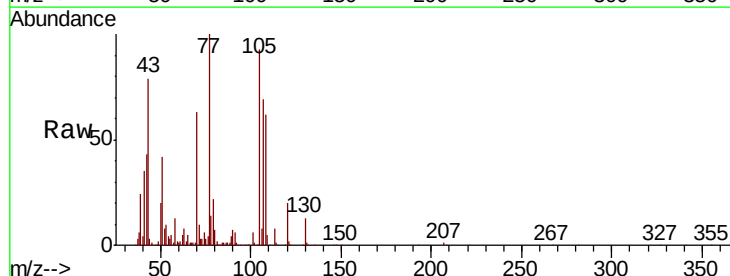
Instrument :
BNA_F
ClientSampleId :

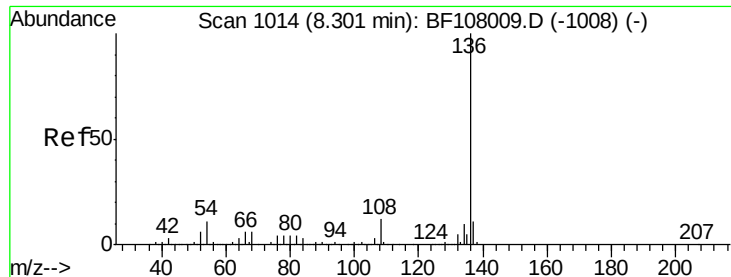
Tot Ion:	70	Resp:	280807
Ion	Ratio	Lower	Upper
70	100		
42	68.2	47.5	71.3
101	9.3	7.4	11.2
130	20.0	16.6	25.0



#20
3+4-Methylphenols
Concen: 43.204 ng
RT: 7.41 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF108599.D
Acq: 29 Aug 2018 12:45

Tgt Ion:	107	Resp:	392527
Ion	Ratio	Lower	Upper
107	100		
108	90.3	68.2	108.2
77	144.5	26.7	66.7#
79	32.1	6.3	46.3

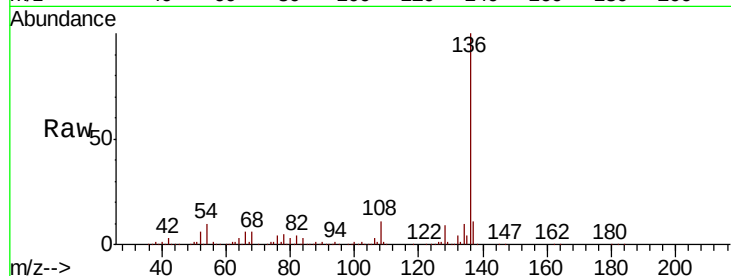




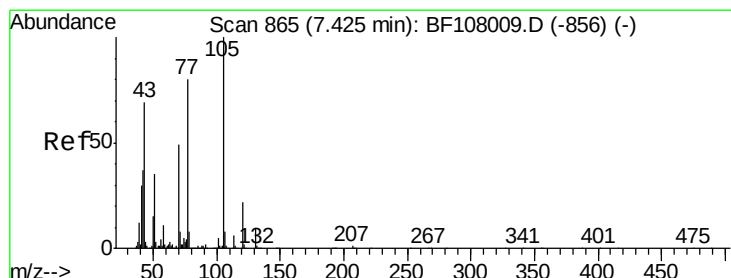
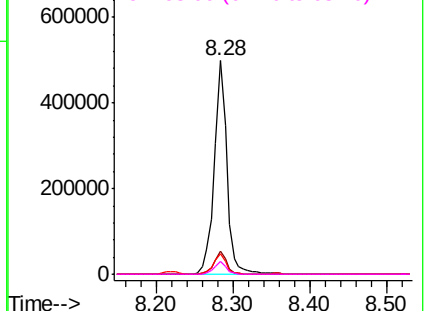
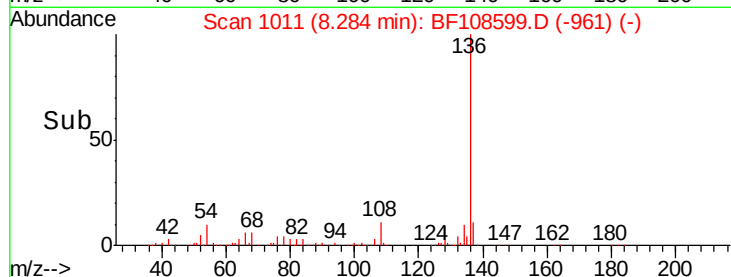
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108599.D
Acq: 29 Aug 2018 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	557155
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.9 13.3
54	9.7	6.6 9.8
68	5.8	5.0 7.4

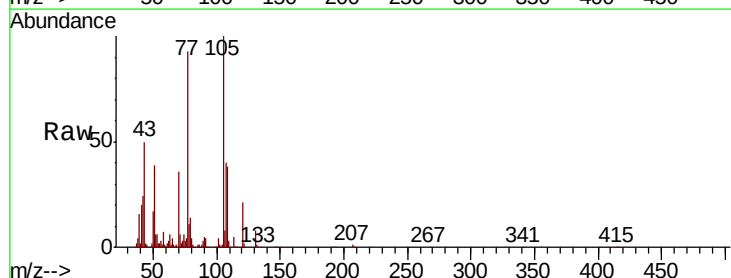


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

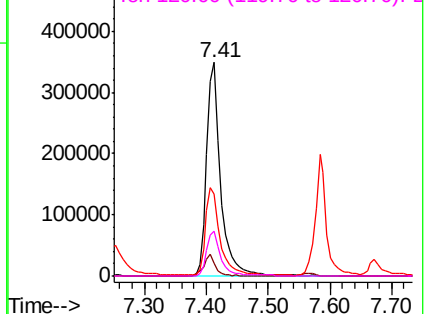
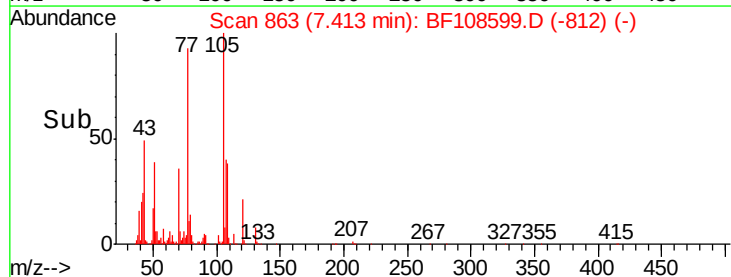


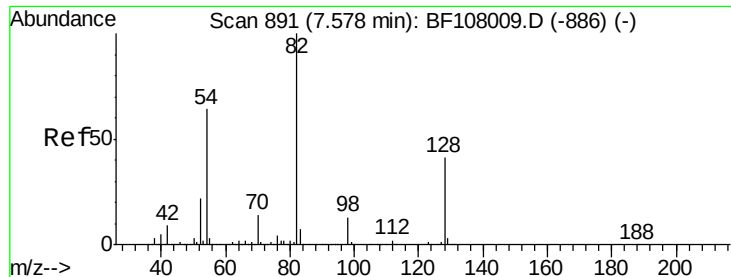
#22
Acetophenone
Concen: 42.204 ng
RT: 7.41 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF108599.D
Acq: 29 Aug 2018 12:45

Tgt Ion:105	Resp:	549825
Ion Ratio	Lower	Upper
105	100	
71	5.7	4.4 6.6
51	38.6	22.3 33.5#
120	21.0	16.9 25.3



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

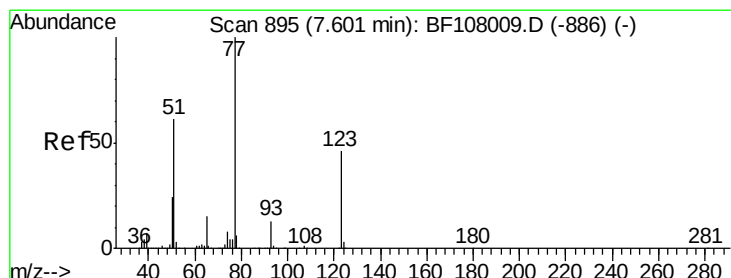
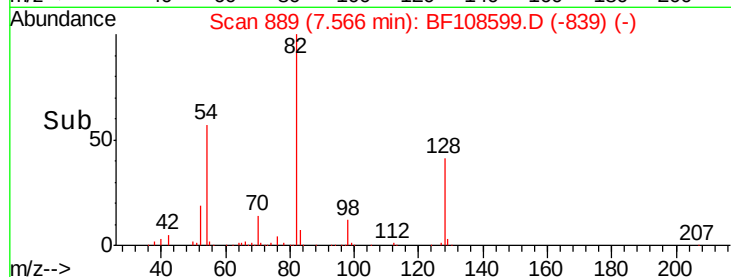
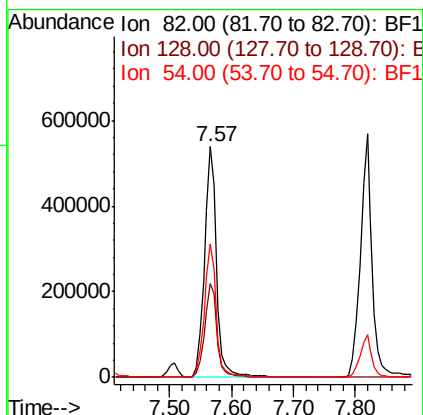
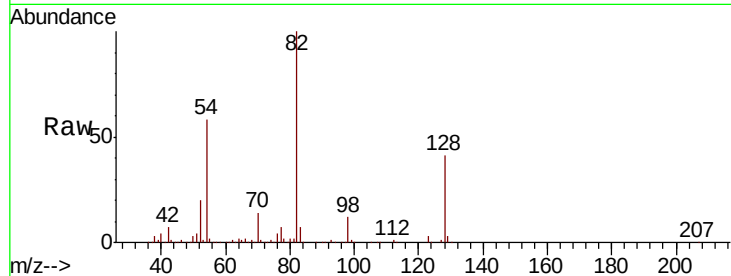




#23
 Nitrobenzene-d5
 Concen: 72.875 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF108599.D
 Acq: 29 Aug 2018 12:45

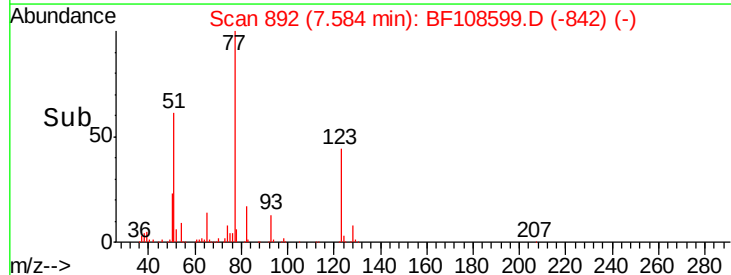
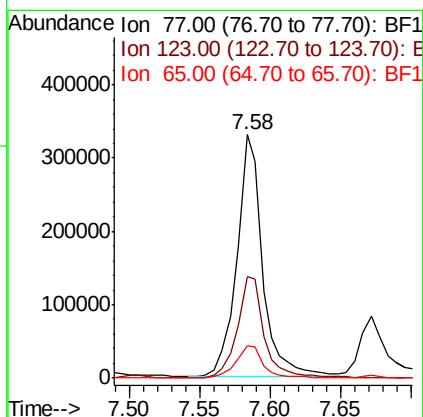
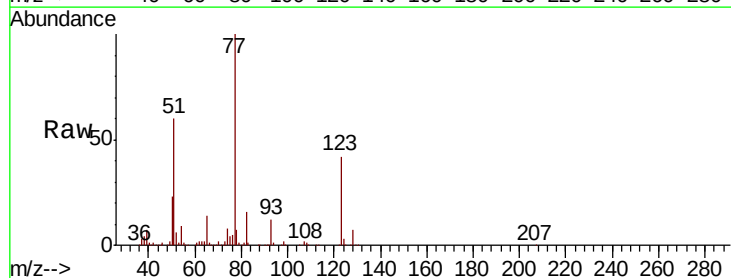
Instrument :
 BNA_F
 ClientSampleId :

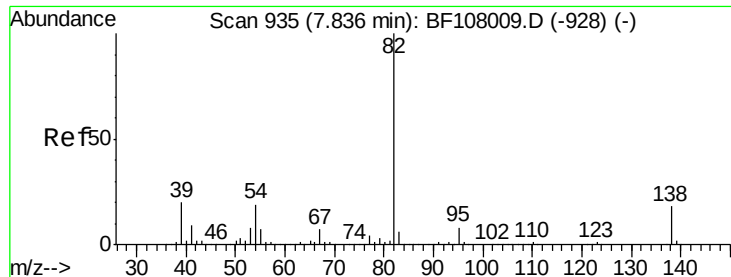
Tot Ion: 82 Resp: 727623
 Ion Ratio Lower Upper
 82 100
 128 40.8 36.1 54.1
 54 57.8 41.4 62.2



#24
 Nitrobenzene
 Concen: 41.536 ng
 RT: 7.58 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF108599.D
 Acq: 29 Aug 2018 12:45

Tgt Ion: 77 Resp: 419368
 Ion Ratio Lower Upper
 77 100
 123 41.5 37.9 56.9
 65 13.5 11.0 16.4





#25

Isophorone

Concen: 39.693 ng

RT: 7.82 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF108599.D

Acq: 29 Aug 2018 12:45

Instrument :

BNA_F

ClientSampleId :

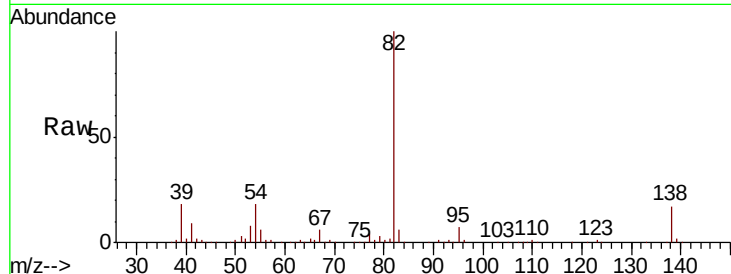
Tot Ion: 82 Resp: 755395

Ion Ratio Lower Upper

82 100

95 7.2 5.2 7.8

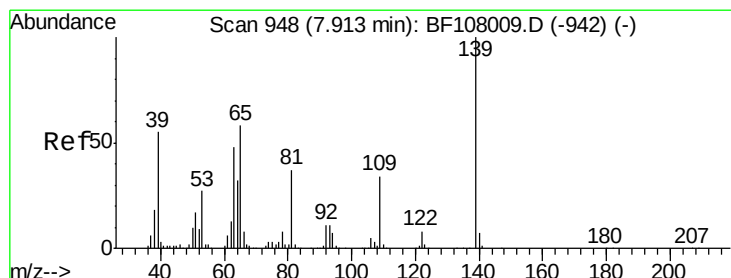
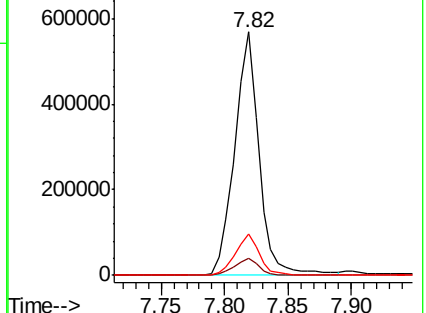
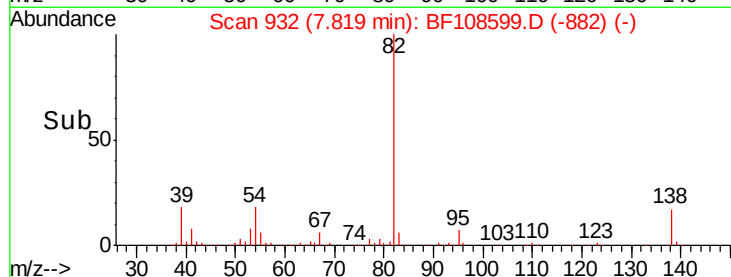
138 16.9 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 49.544 ng

RT: 7.90 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF108599.D

Acq: 29 Aug 2018 12:45

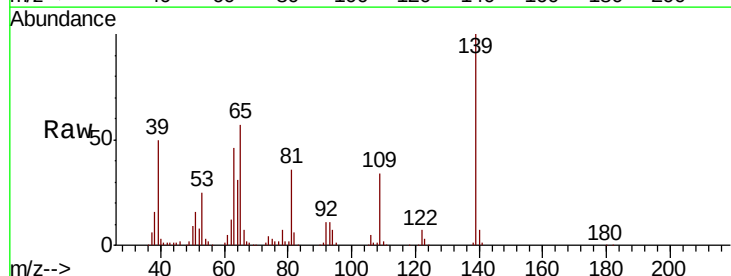
Tgt Ion: 139 Resp: 188910

Ion Ratio Lower Upper

139 100

109 33.7 22.7 34.1

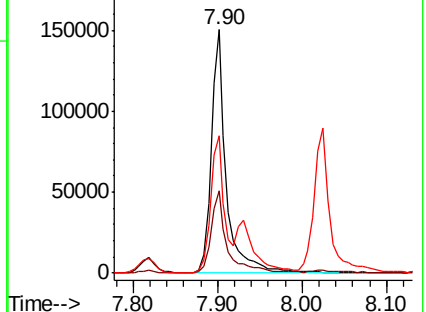
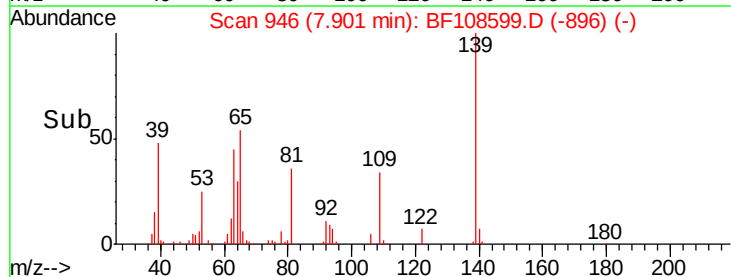
65 56.5 40.5 60.7

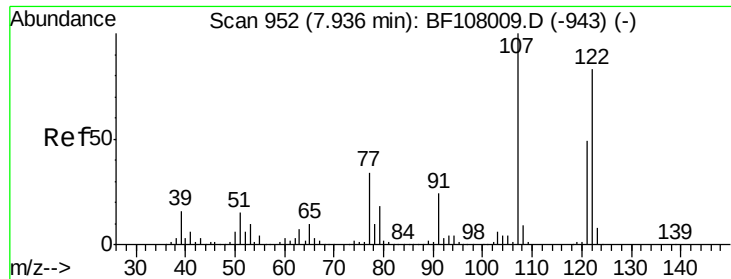


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

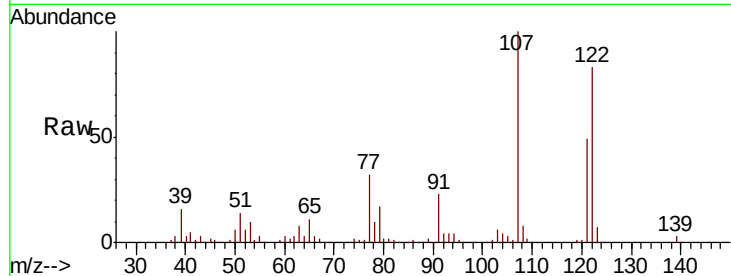




#27
 2,4-Dimethylphenol
 Concen: 40.353 ng
 RT: 7.93 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF108599.D
 Acq: 29 Aug 2018 12:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	120.7	91.2	136.8
121	59.4	47.2	70.8

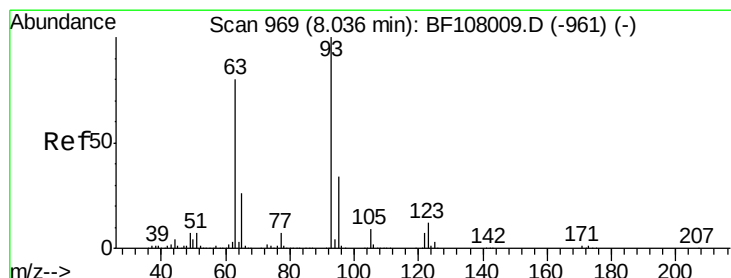
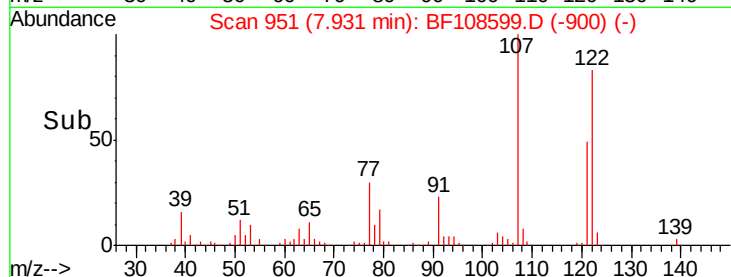
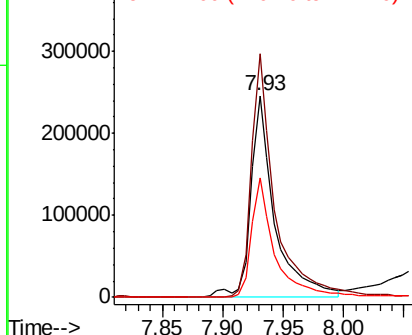


Abundance

Ion 122.00 (121.70 to 122.70): E

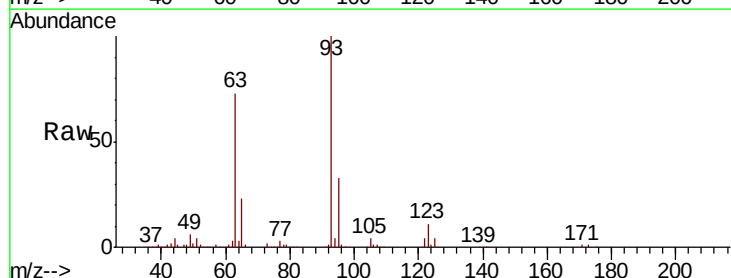
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.023 ng
 RT: 8.02 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BF108599.D
 Acq: 29 Aug 2018 12:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.3	39.5
123	11.3	9.8	14.6

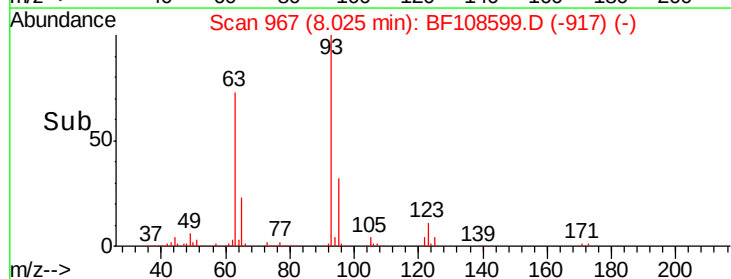
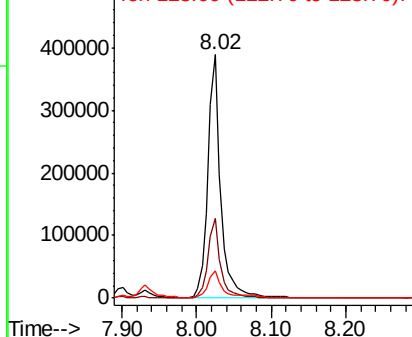


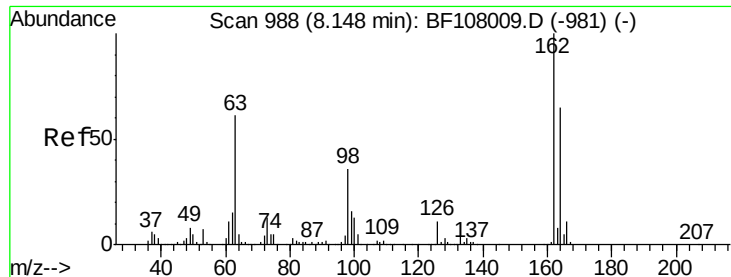
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

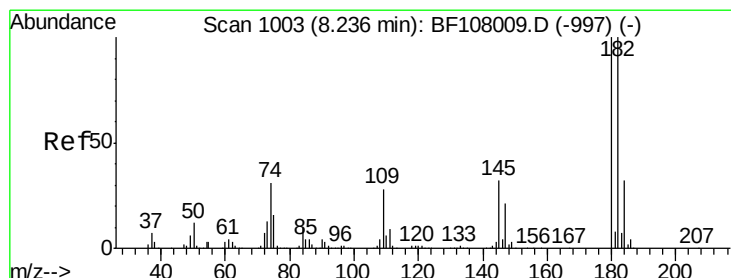
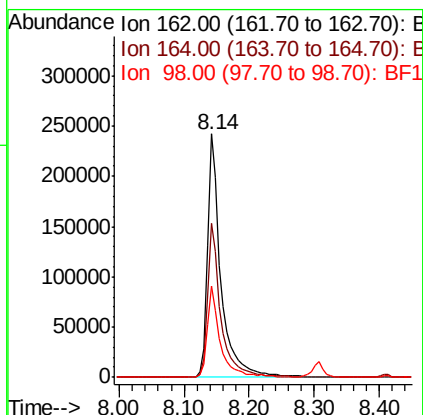
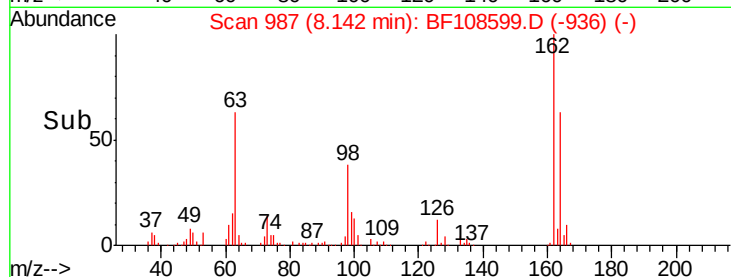
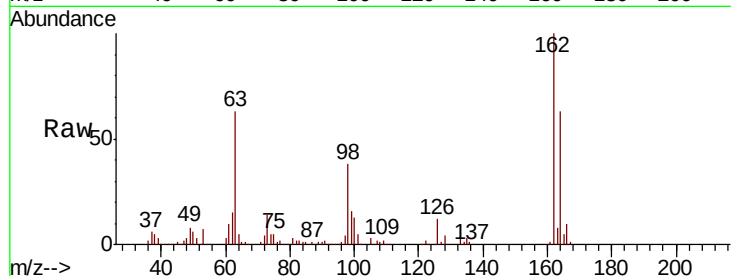




#29
2,4-Dichlorophenol
Concen: 44.492 ng
RT: 8.14 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF108599.D
Acq: 29 Aug 2018 12:45

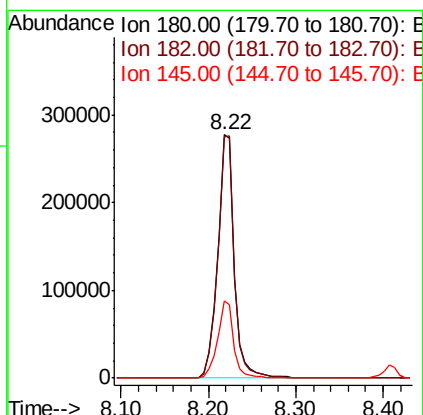
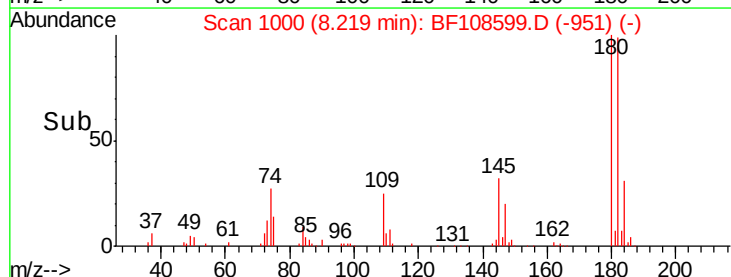
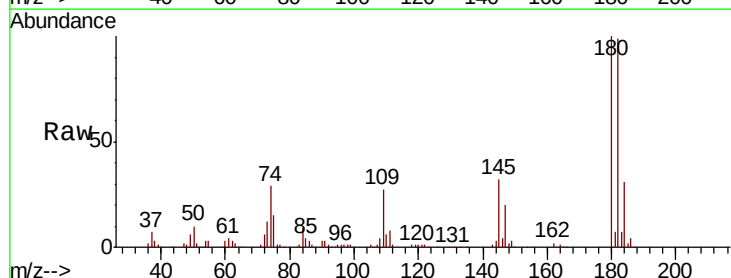
Instrument :
BNA_F
ClientSampleId :

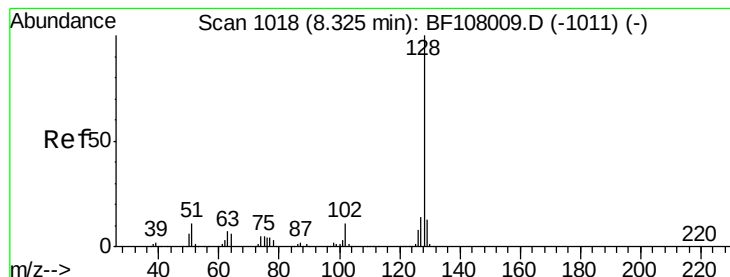
Tot Ion:162 Resp: 345841
Ion Ratio Lower Upper
162 100
164 63.4 42.7 82.7
98 37.6 18.1 58.1



#30
1,2,4-Trichlorobenzene
Concen: 42.512 ng
RT: 8.22 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BF108599.D
Acq: 29 Aug 2018 12:45

Tgt Ion:180 Resp: 364330
Ion Ratio Lower Upper
180 100
182 99.3 76.8 115.2
145 31.7 26.5 39.7

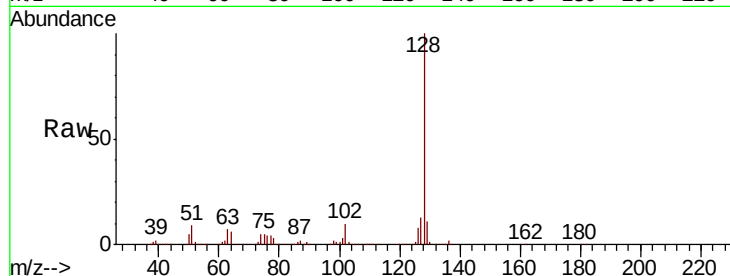




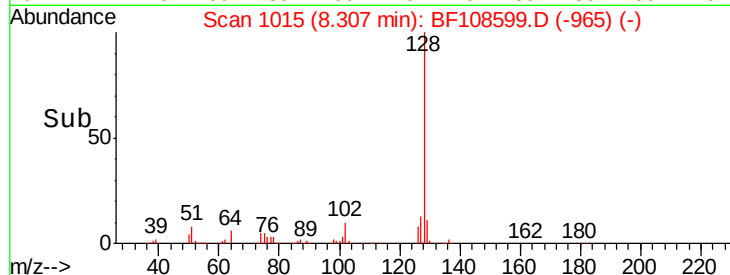
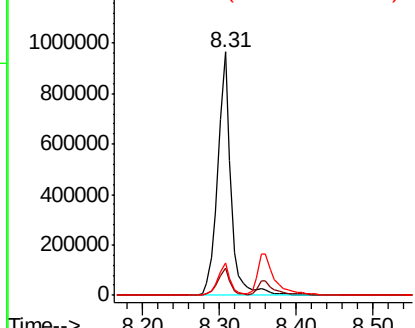
#31
Naphthalene
Concen: 44.679 ng
RT: 8.31 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF108599.D
Acq: 29 Aug 2018 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1132079
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.4 10.9 16.3

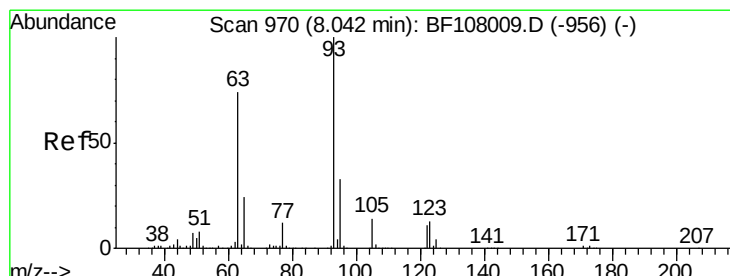


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

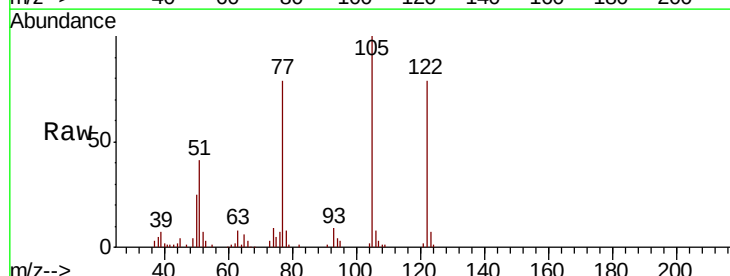
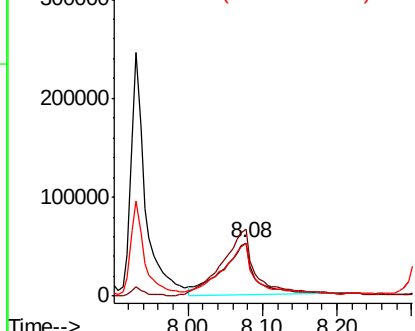


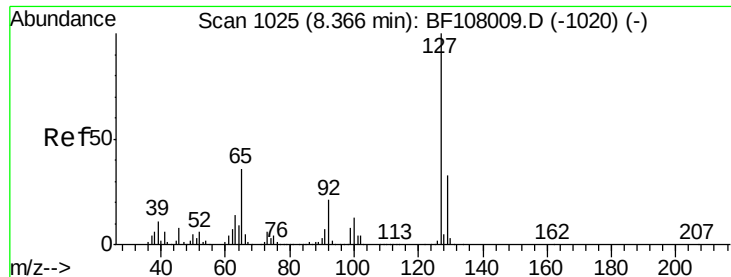
#32
Benzoic acid
Concen: 34.070 ng
RT: 8.08 min Scan# 976
Delta R.T. 0.04 min
Lab File: BF108599.D
Acq: 29 Aug 2018 12:45

Tgt Ion:122 Resp: 157287
Ion Ratio Lower Upper
122 100
105 127.1 101.1 141.1
77 100.3 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

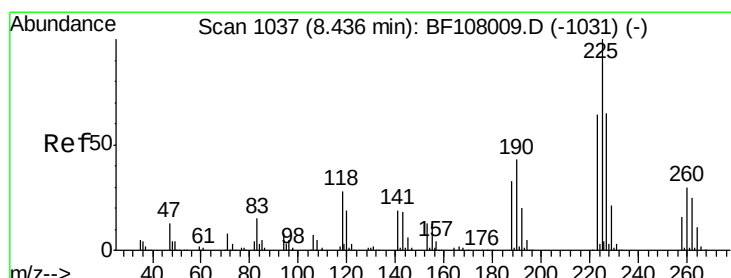
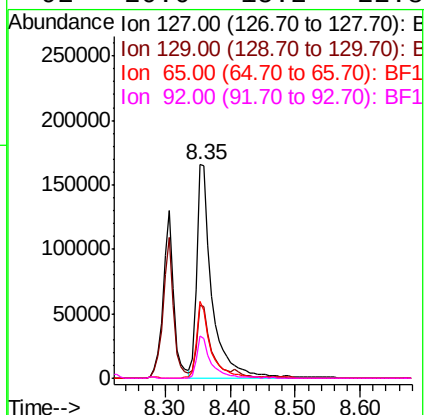
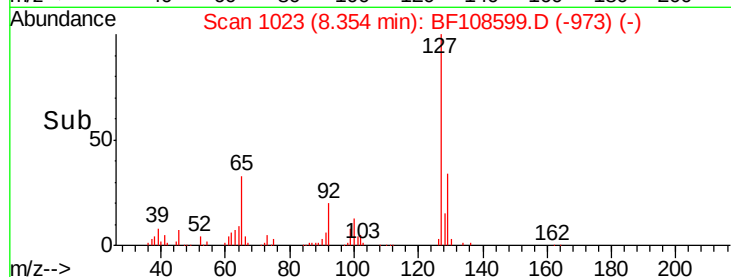
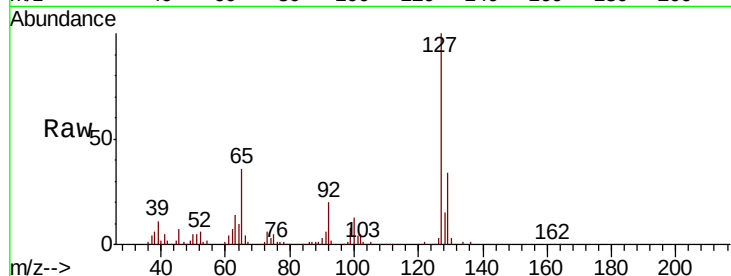




#33
4-Chloroaniline
Concen: 24.385 ng
RT: 8.35 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF108599.D
Acq: 29 Aug 2018 12:45

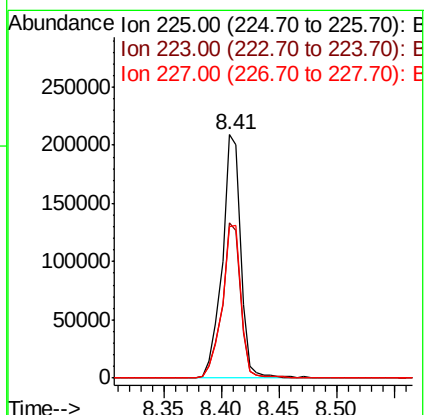
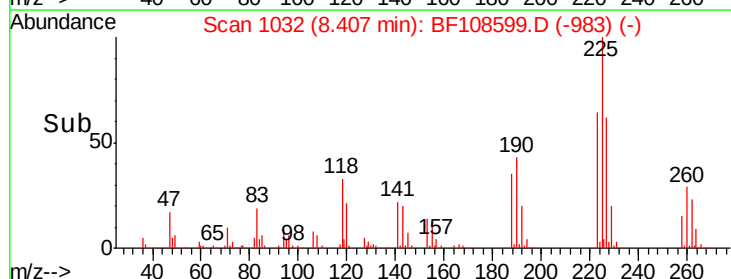
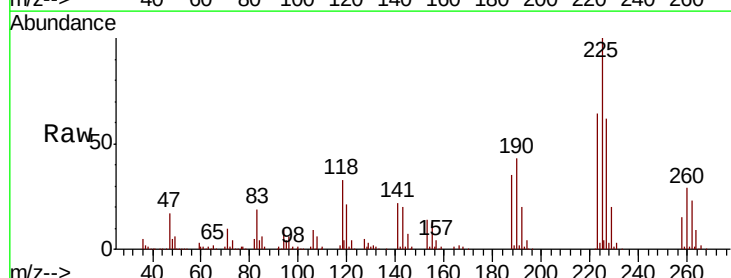
Instrument :
BNA_F
ClientSampled :

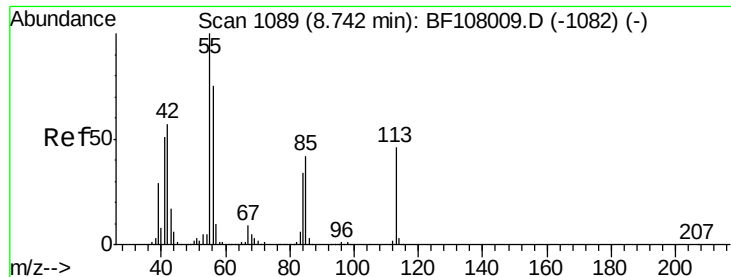
Tot Ion:	127	Resp:	269271
Ion	Ratio	Lower	Upper
127	100		
129	34.0	25.9	38.9
65	36.0	25.0	37.4
92	20.0	15.2	22.8



#34
Hexachlorobutadiene
Concen: 43.319 ng
RT: 8.41 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF108599.D
Acq: 29 Aug 2018 12:45

Tgt Ion:	225	Resp:	235017
Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.6	76.0
227	62.5	51.9	77.9





#35

Caprolactam

Concen: 19.145 ng

RT: 8.73 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BF108599.D

Acq: 29 Aug 2018 12:45

Instrument :

BNA_F

ClientSampleId :

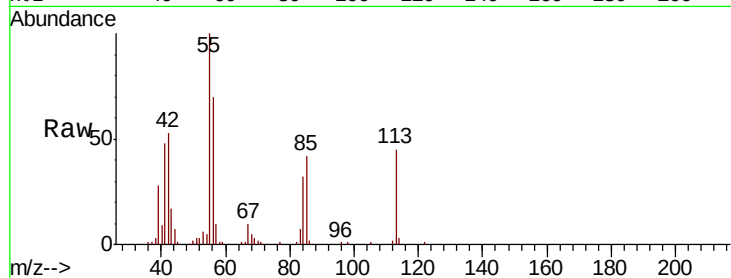
Tot Ion:113 Resp: 46636

Ion Ratio Lower Upper

113 100

55 222.4 163.3 203.3#

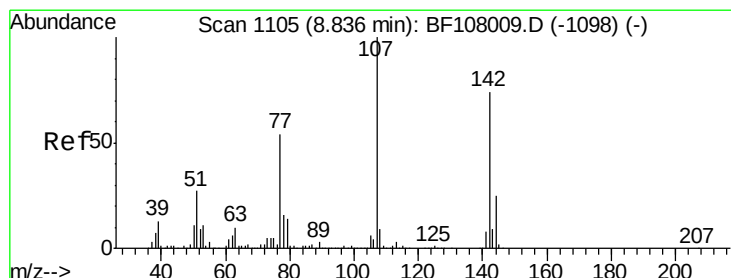
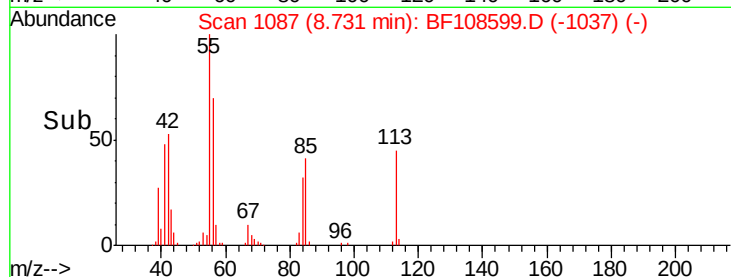
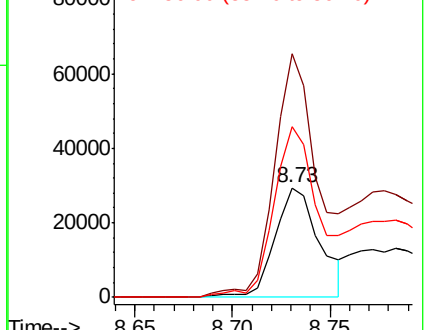
56 156.0 115.7 155.7#



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: 42.248 ng

RT: 8.84 min Scan# 1106

Delta R.T. 0.01 min

Lab File: BF108599.D

Acq: 29 Aug 2018 12:45

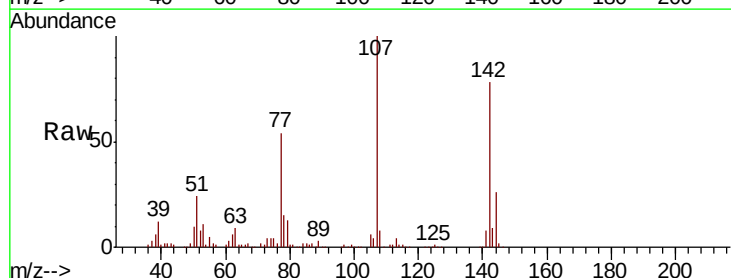
Tgt Ion:107 Resp: 354272

Ion Ratio Lower Upper

107 100

144 26.4 20.5 30.7

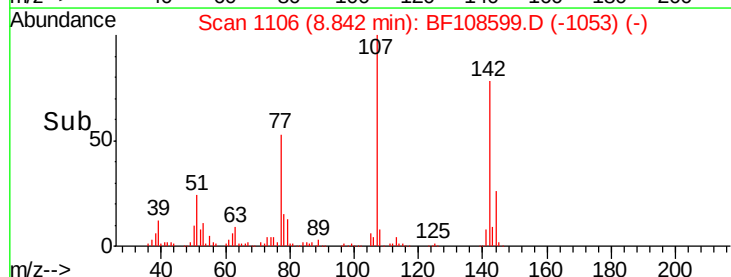
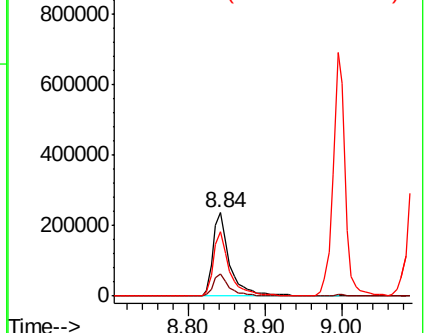
142 77.6 62.0 93.0

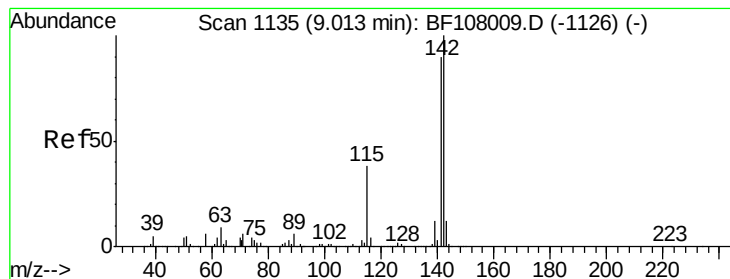


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.482 ng

RT: 9.00 min Scan# 1132

Delta R.T. -0.01 min

Lab File: BF108599.D

Acq: 29 Aug 2018 12:45

Instrument :

BNA_F

ClientSampled :

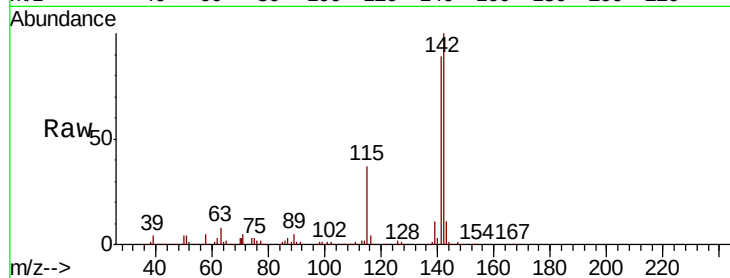
Tot Ion:142 Resp: 761585

Ion Ratio Lower Upper

142 100

141 88.6 70.8 106.2

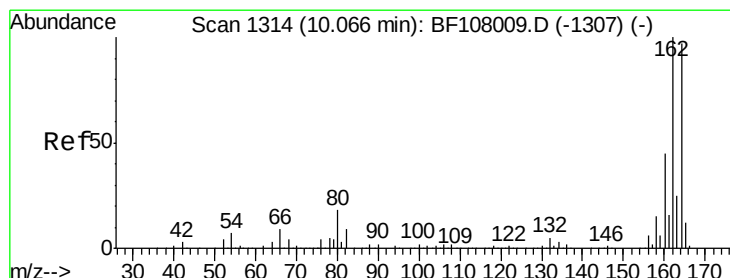
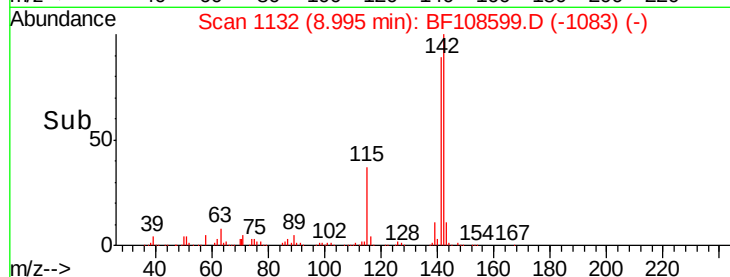
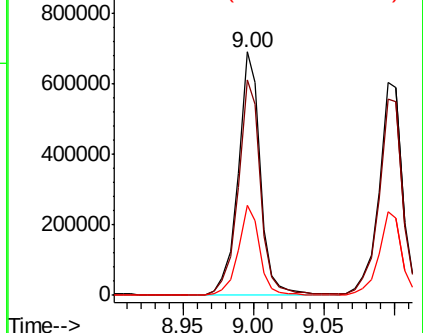
115 36.9 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.05 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF108599.D

Acq: 29 Aug 2018 12:45

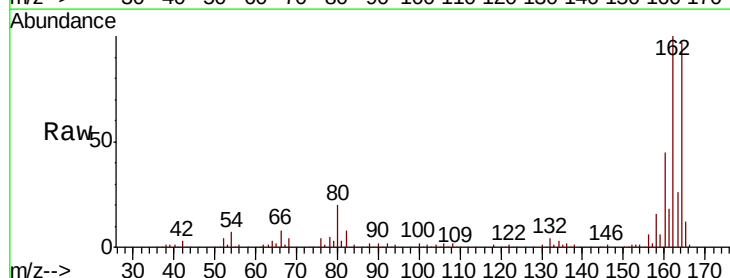
Tgt Ion:164 Resp: 283173

Ion Ratio Lower Upper

164 100

162 102.6 86.1 129.1

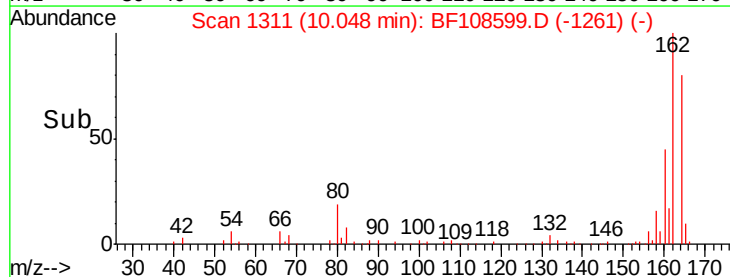
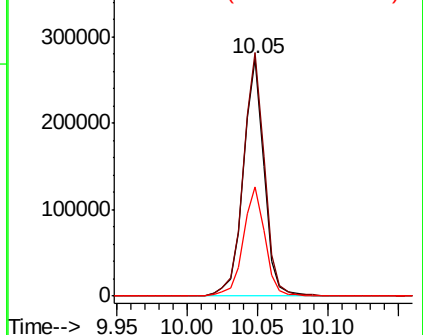
160 45.9 38.3 57.5

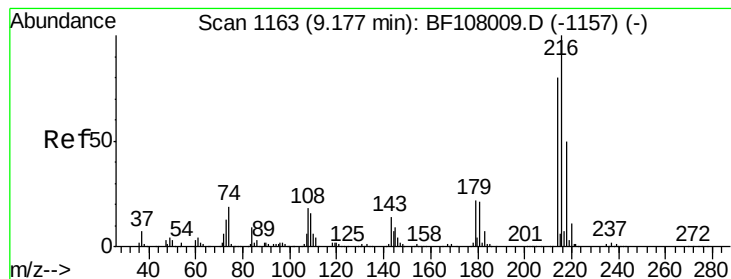


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.037 ng

RT: 9.17 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BF108599.D

Acq: 29 Aug 2018 12:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 391636

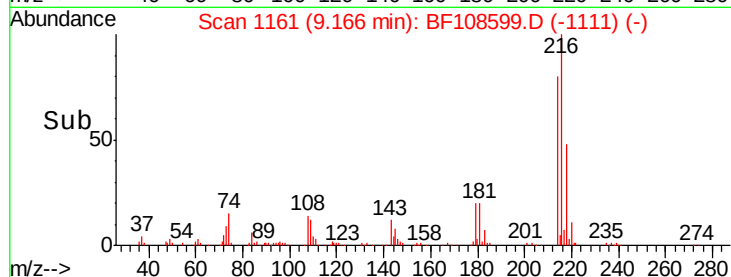
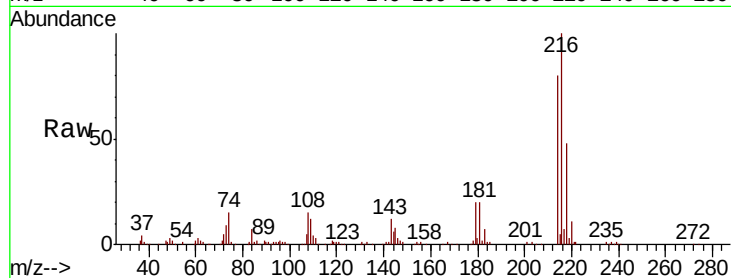
Ion Ratio Lower Upper

216 100

214 80.1 63.0 94.4

179 20.6 18.1 27.1

108 19.7 17.2 25.8

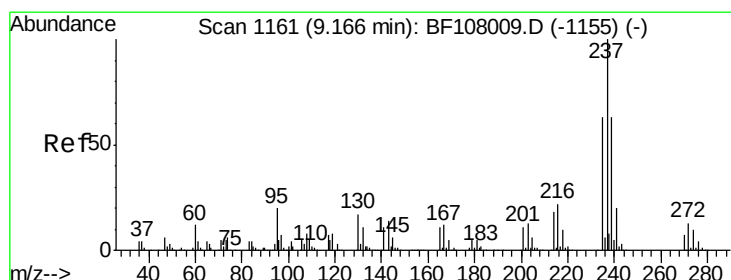
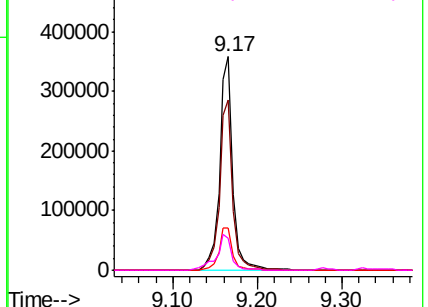


Abundance Ion 216.00 (215.70 to 216.70): E

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: 65.220 ng

RT: 9.14 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF108599.D

Acq: 29 Aug 2018 12:45

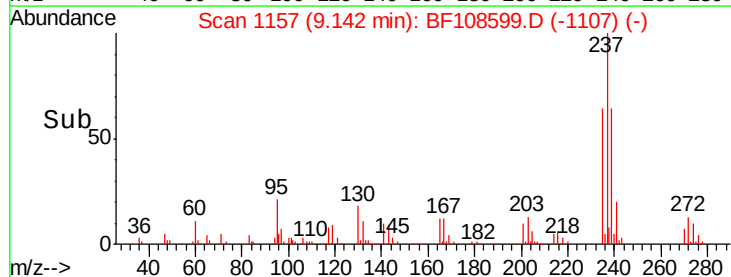
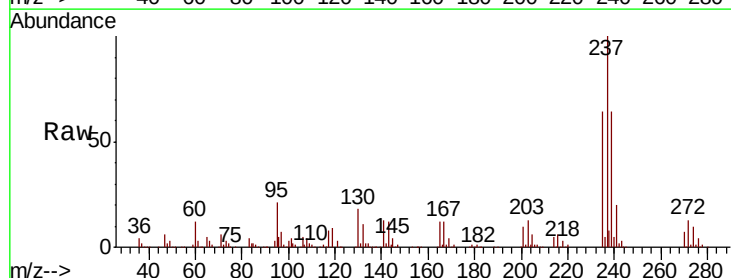
Tgt Ion:237 Resp: 366330

Ion Ratio Lower Upper

237 100

235 63.6 44.8 84.8

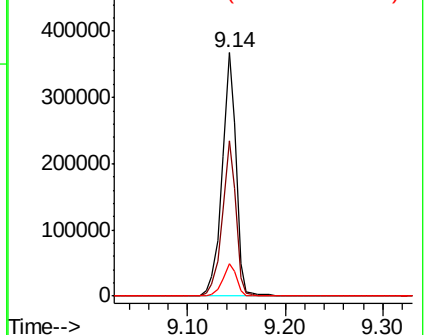
272 13.1 0.0 33.3

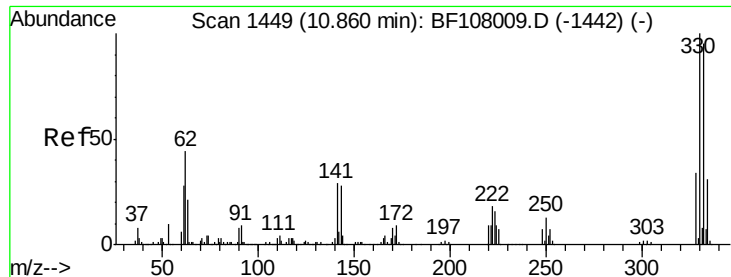


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

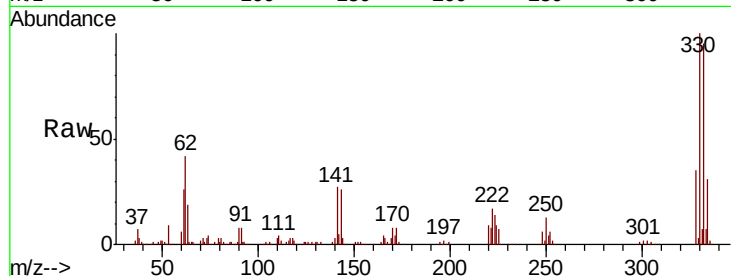




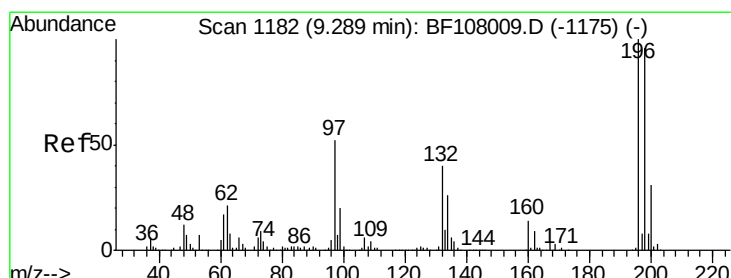
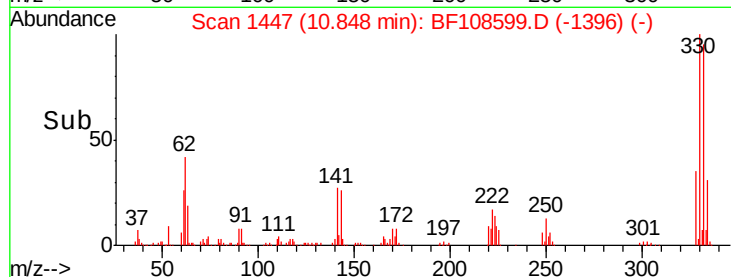
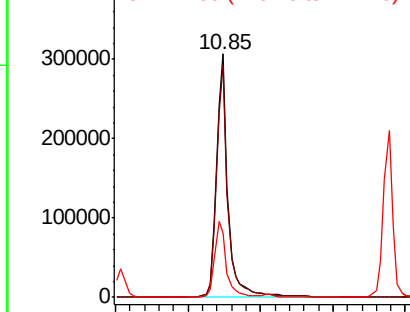
#41
 2,4,6-Tribromophenol
 Concen: 121.466 ng
 RT: 10.85 min Scan# 1447
 Delta R.T. -0.00 min
 Lab File: BF108599.D
 Acq: 29 Aug 2018 12:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 343091
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 31.7 29.9 44.9

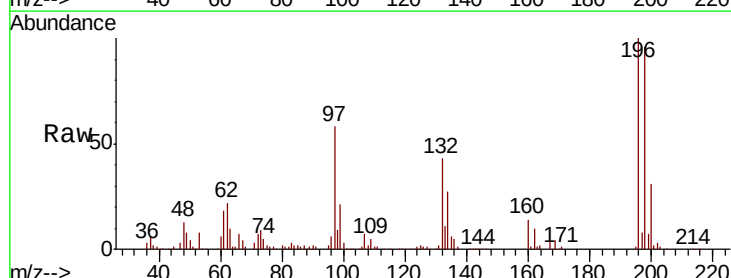


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

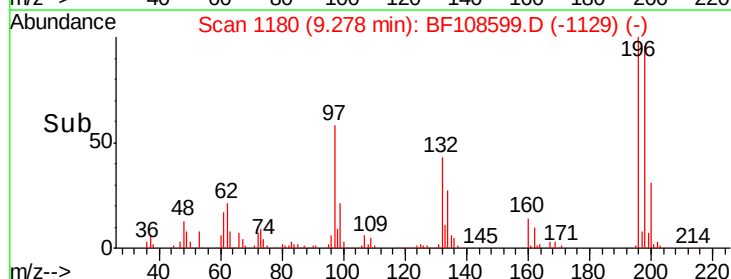
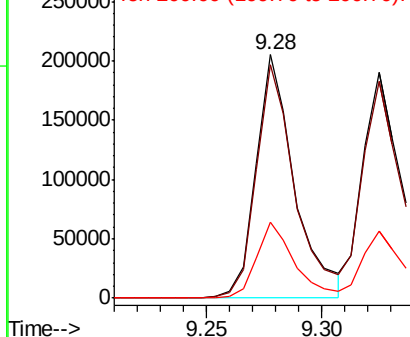


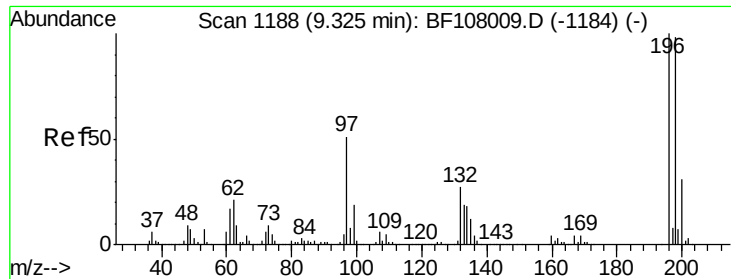
#42
 2,4,6-Trichlorophenol
 Concen: 44.088 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF108599.D
 Acq: 29 Aug 2018 12:45

Tgt Ion:196 Resp: 237911
 Ion Ratio Lower Upper
 196 100
 198 95.9 75.7 113.5
 200 30.9 24.5 36.7



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

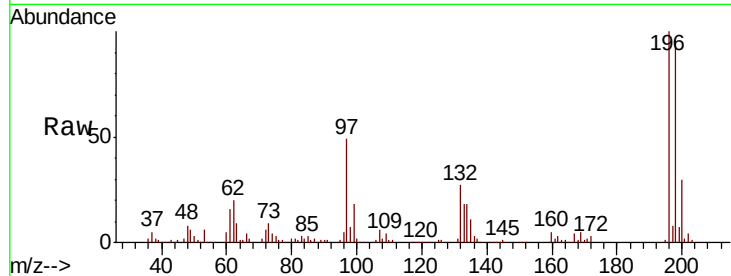




#43
 2,4,5-Trichlorophenol
 Concen: 45.961 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. 0.01 min
 Lab File: BF108599.D
 Acq: 29 Aug 2018 12:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.1	74.6	112.0
97	49.4	42.9	64.3
132	27.4	26.3	39.5



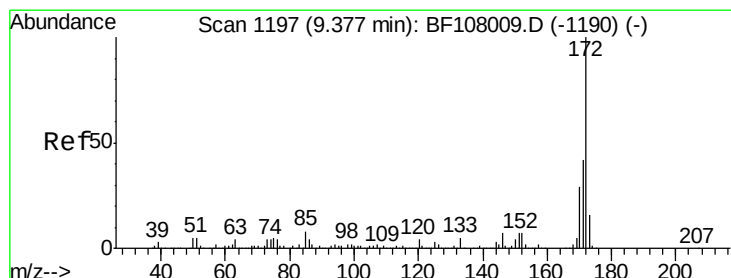
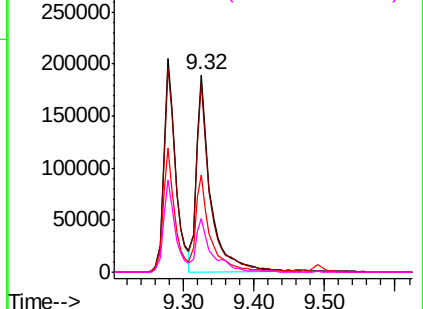
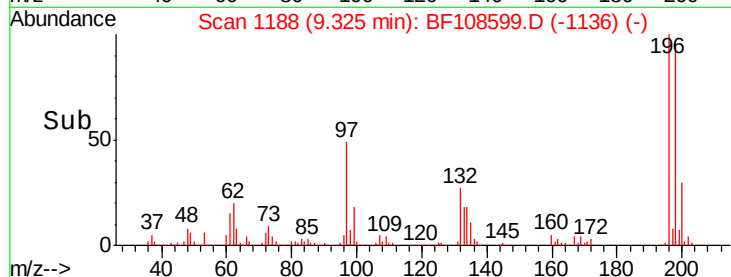
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

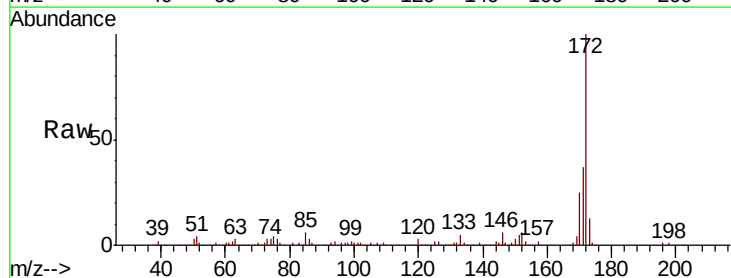
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 81.375 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF108599.D
 Acq: 29 Aug 2018 12:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.7	44.5
170	25.1	19.6	29.4

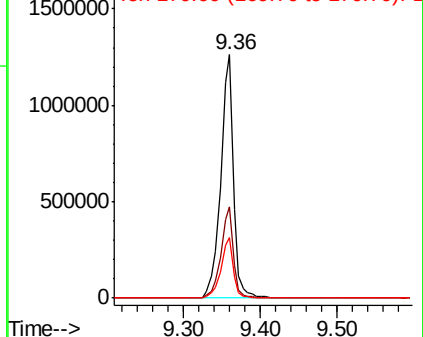
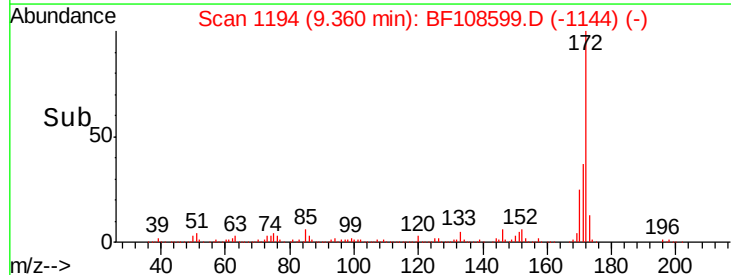


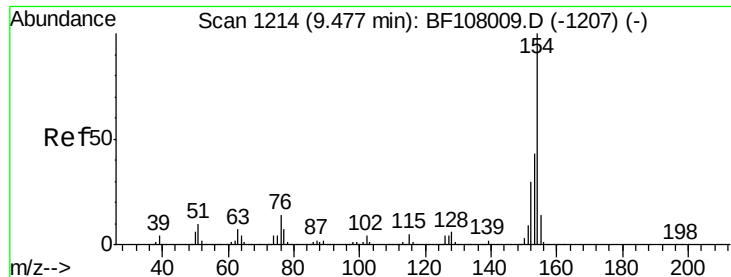
Abundance

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

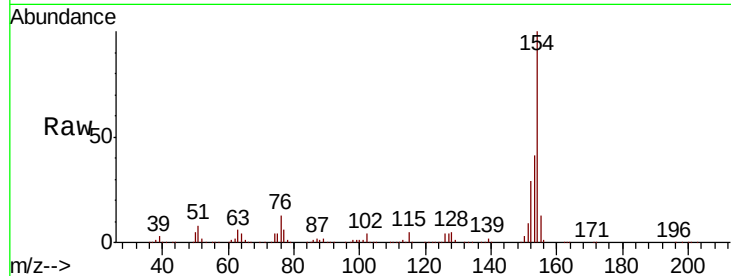




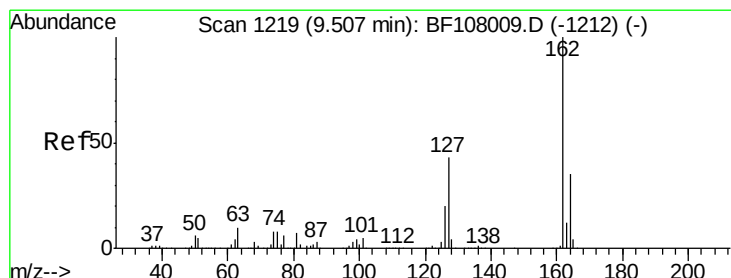
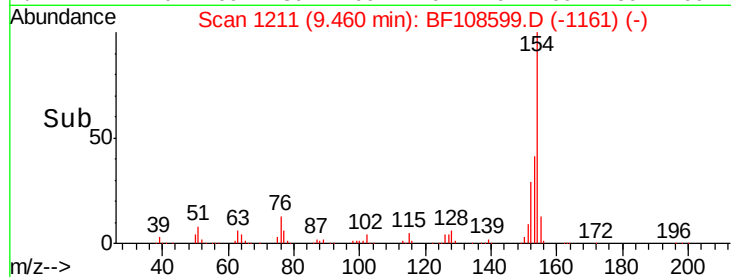
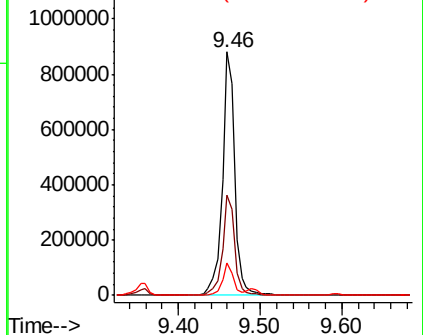
#45
 1,1'-Biphenyl
 Concen: 44.747 ng
 RT: 9.46 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF108599.D
 Acq: 29 Aug 2018 12:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 934242
 Ion Ratio Lower Upper
 154 100
 153 41.0 21.3 61.3
 76 13.3 0.0 34.0

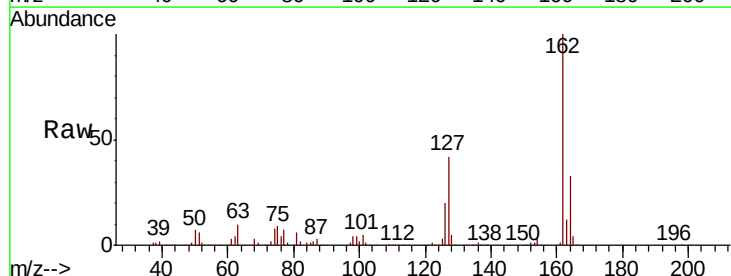


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

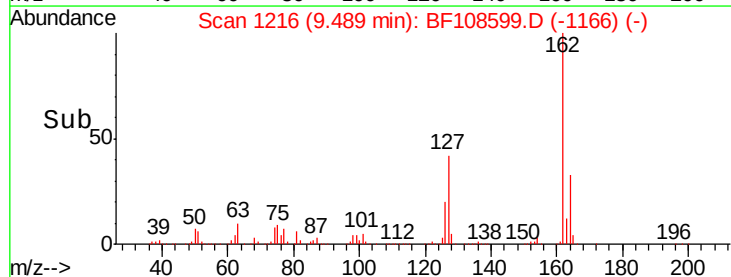
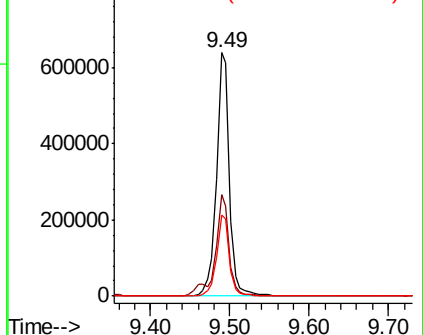


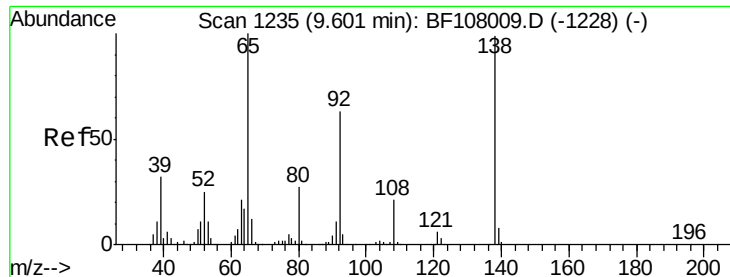
#46
 2-Chloronaphthalene
 Concen: 43.758 ng
 RT: 9.49 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF108599.D
 Acq: 29 Aug 2018 12:45

Tgt Ion:162 Resp: 722065
 Ion Ratio Lower Upper
 162 100
 127 41.8 33.9 50.9
 164 33.4 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

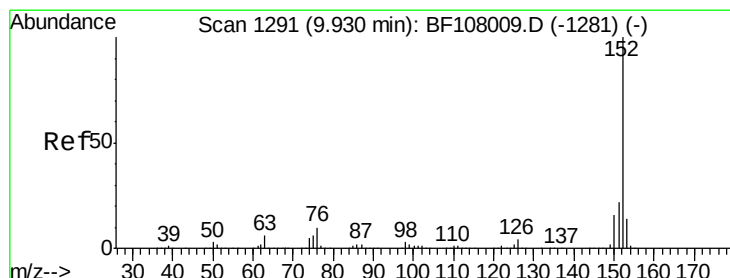
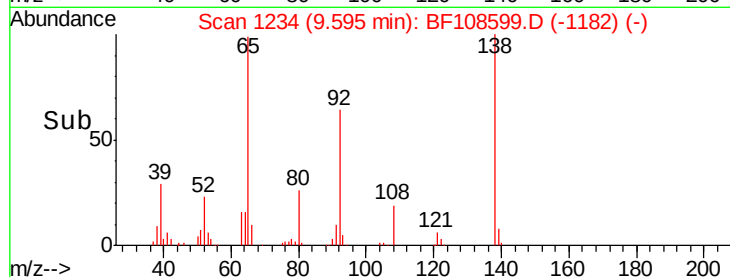
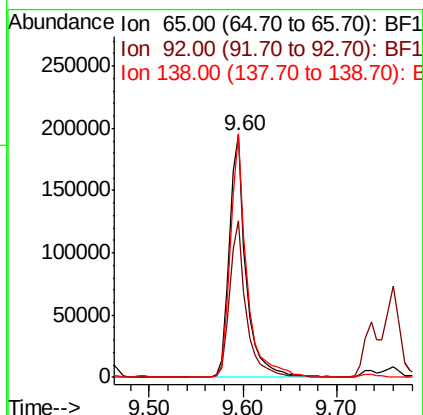
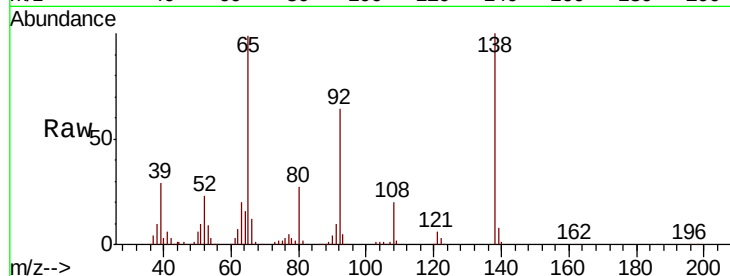




#47
2-Nitroaniline
Concen: 44.970 ng
RT: 9.60 min Scan# 1234
Delta R.T. 0.01 min
Lab File: BF108599.D
Acq: 29 Aug 2018 12:45

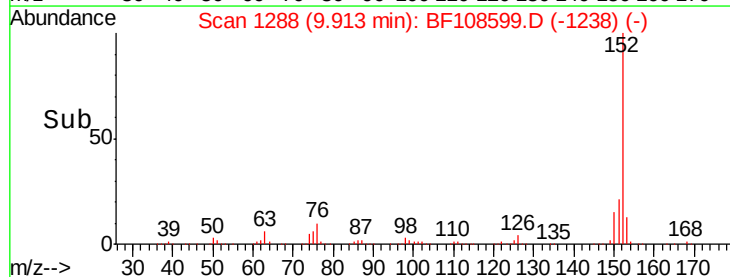
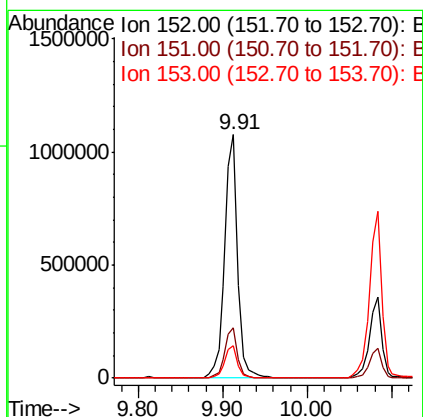
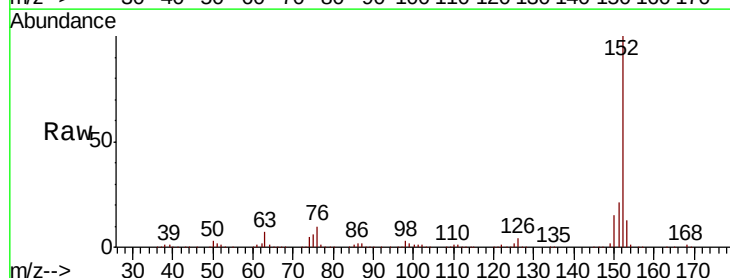
Instrument :
BNA_F
ClientSampled :

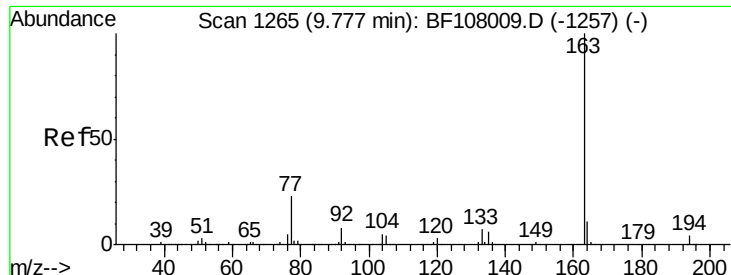
Tot Ion: 65 Resp: 240108
Ion Ratio Lower Upper
65 100
92 64.7 55.8 83.6
138 100.6 91.2 136.8



#48
Acenaphthylene
Concen: 43.698 ng
RT: 9.91 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF108599.D
Acq: 29 Aug 2018 12:45

Tgt Ion: 152 Resp: 1139970
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5
153 13.2 10.7 16.1

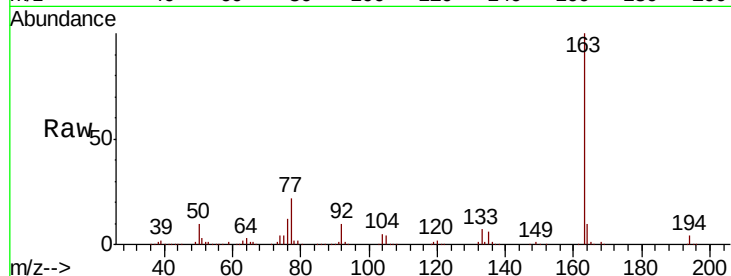




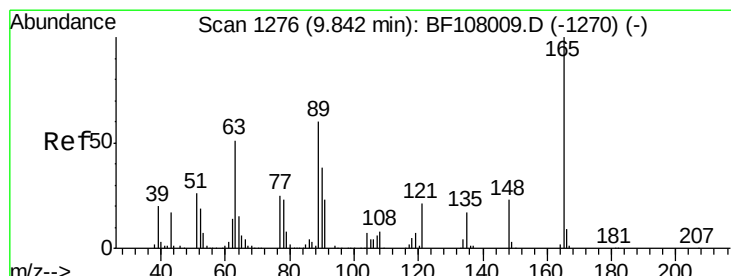
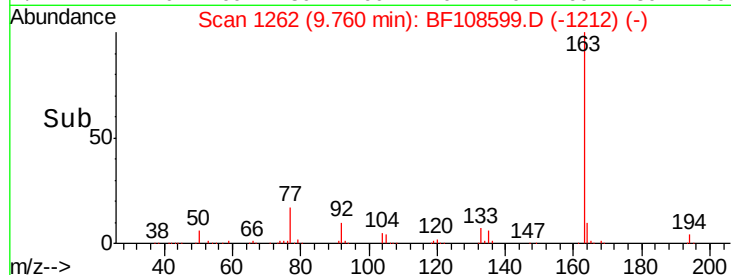
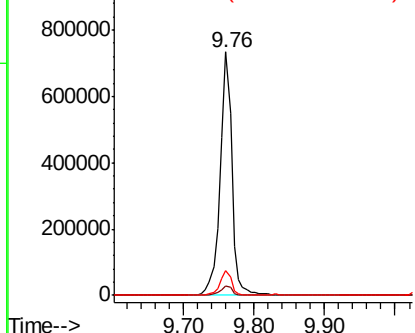
#49
 Dimethylphthalate
 Concen: 42.948 ng
 RT: 9.76 min Scan# 1262
 Delta R.T. -0.01 min
 Lab File: BF108599.D
 Acq: 29 Aug 2018 12:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.3	8.2	12.2

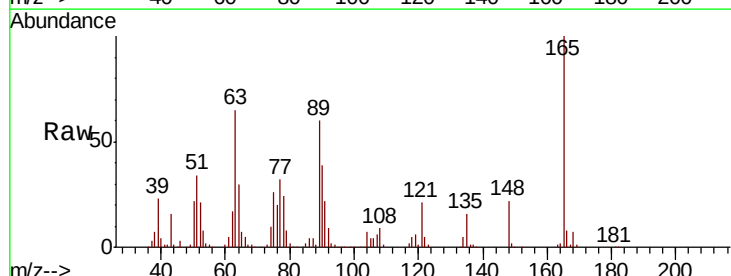


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

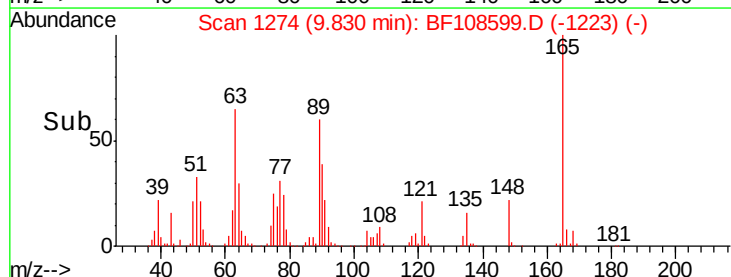
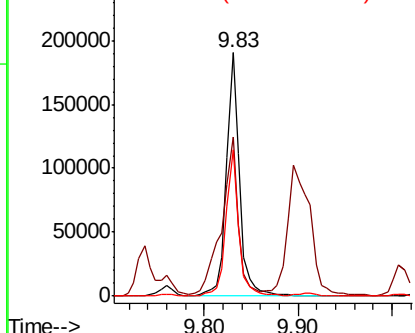


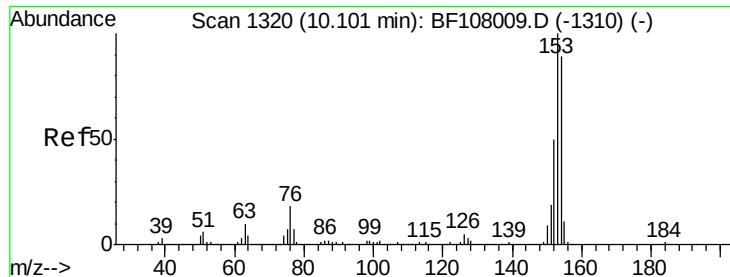
#50
 2,6-Dinitrotoluene
 Concen: 45.021 ng
 RT: 9.83 min Scan# 1274
 Delta R.T. -0.00 min
 Lab File: BF108599.D
 Acq: 29 Aug 2018 12:45

Tgt Ion	Ratio	Lower	Upper
165	100		
63	65.3	44.7	67.1
89	60.2	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: 40.199 ng

RT: 10.08 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF108599.D

Acq: 29 Aug 2018 12:45

Instrument :

BNA_F

ClientSampled :

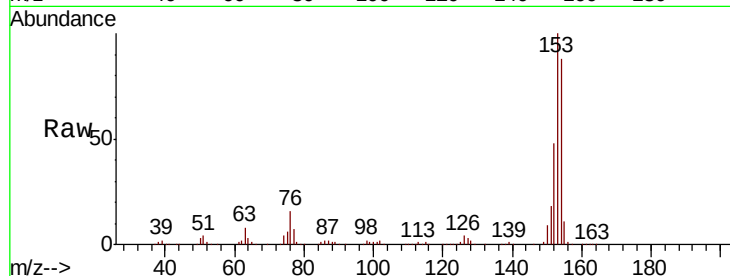
Tot Ion:154 Resp: 642322

Ion Ratio Lower Upper

154 100

153 113.4 91.2 136.8

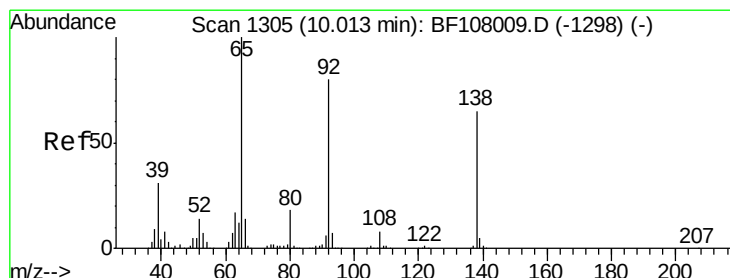
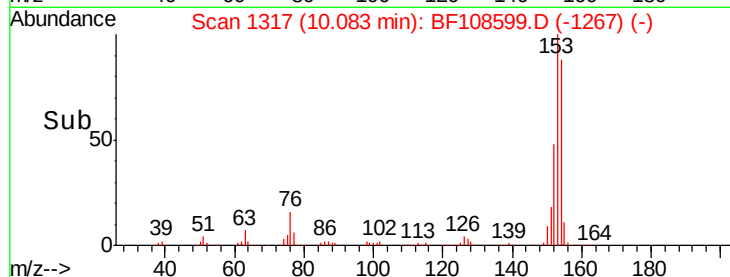
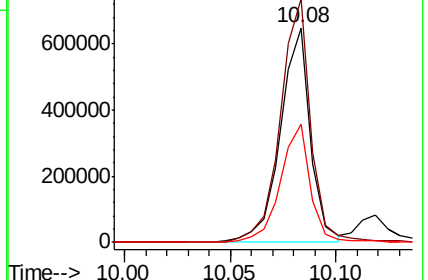
152 55.0 43.8 65.8



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: 30.846 ng

RT: 10.01 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BF108599.D

Acq: 29 Aug 2018 12:45

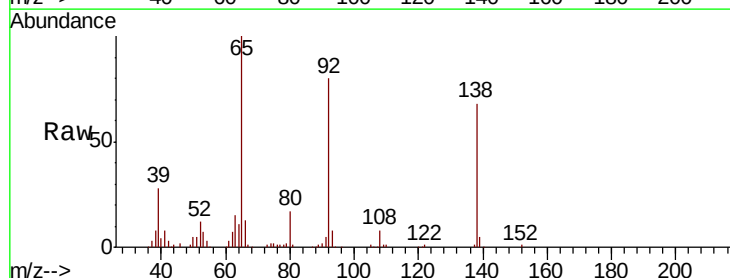
Tgt Ion:138 Resp: 139280

Ion Ratio Lower Upper

138 100

108 11.1 9.4 14.0

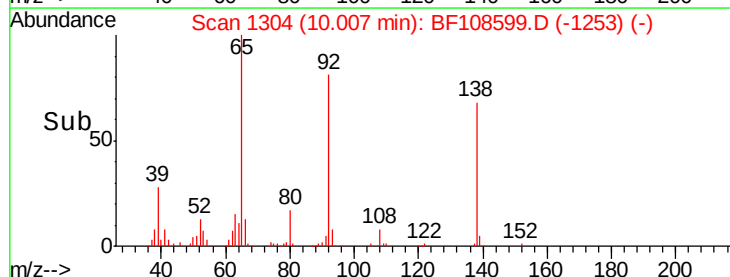
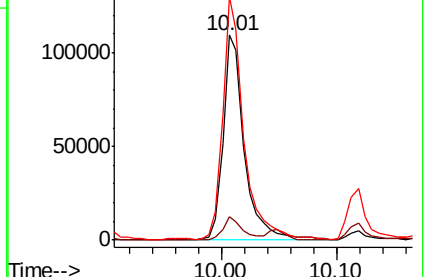
92 118.7 89.4 134.2

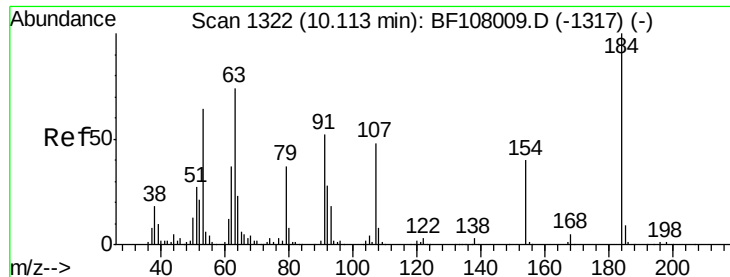


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

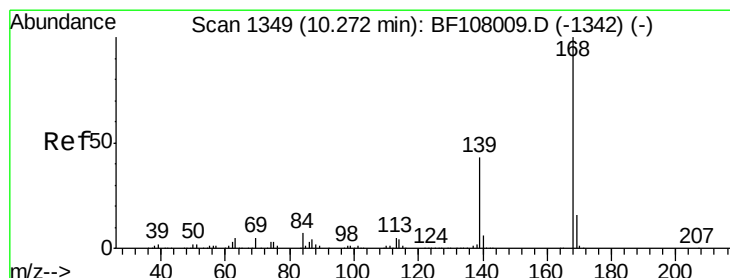
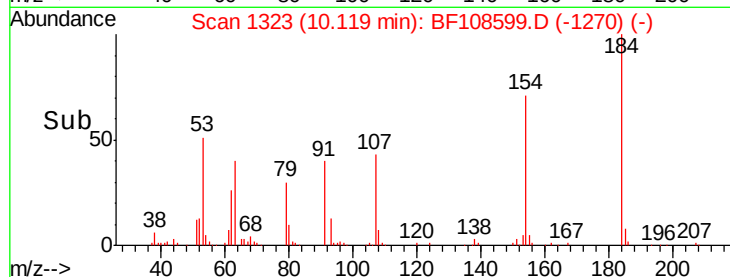
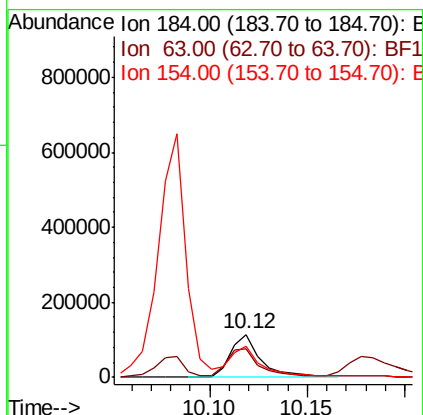
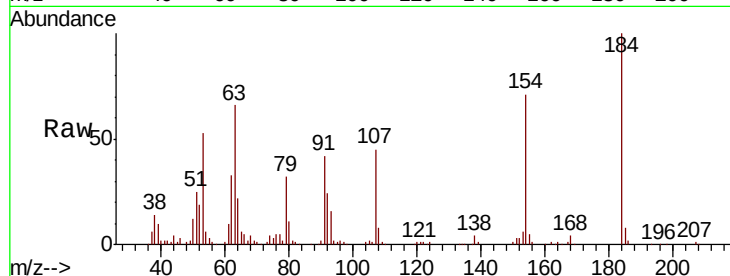




#53
2,4-Dinitrophenol
Concen: 81.602 ng
RT: 10.12 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF108599.D
Acq: 29 Aug 2018 12:45

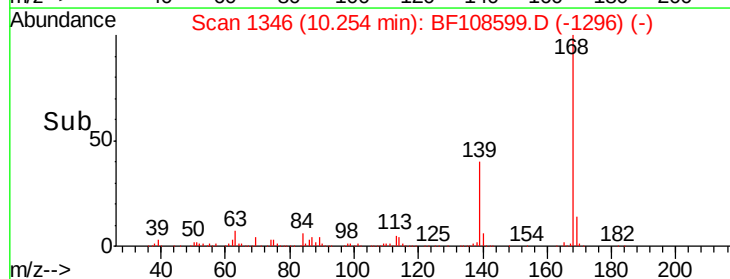
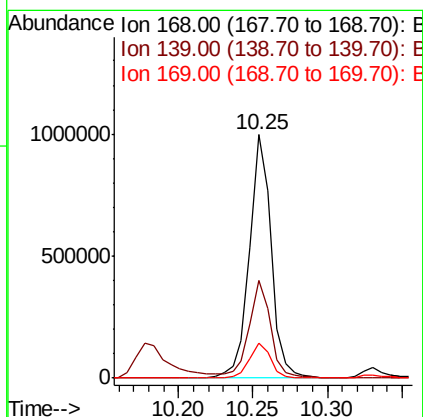
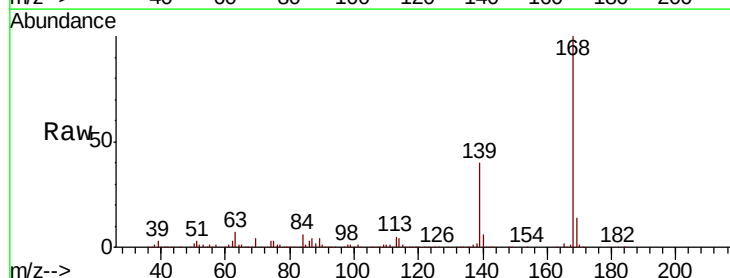
Instrument :
BNA_F
ClientSampled :

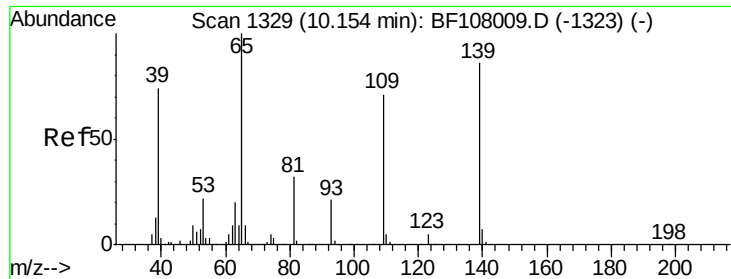
Tot Ion:184 Resp: 126270
Ion Ratio Lower Upper
184 100
63 65.7 54.2 81.2
154 70.9 184.0 276.0#



#54
Dibenzofuran
Concen: 43.240 ng
RT: 10.25 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF108599.D
Acq: 29 Aug 2018 12:45

Tgt Ion:168 Resp: 1000982
Ion Ratio Lower Upper
168 100
139 40.3 30.1 45.1
169 14.2 10.9 16.3

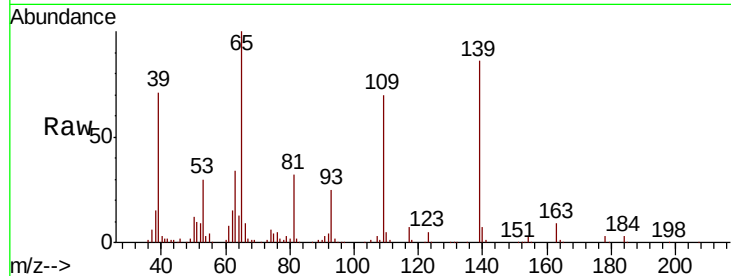




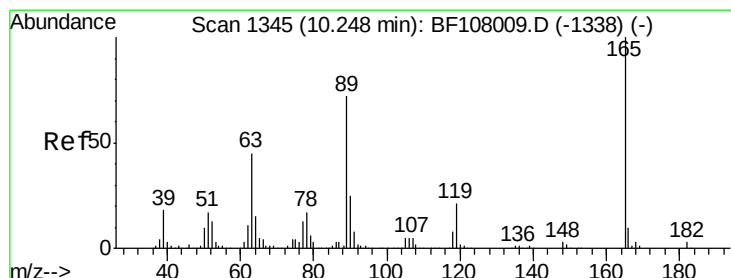
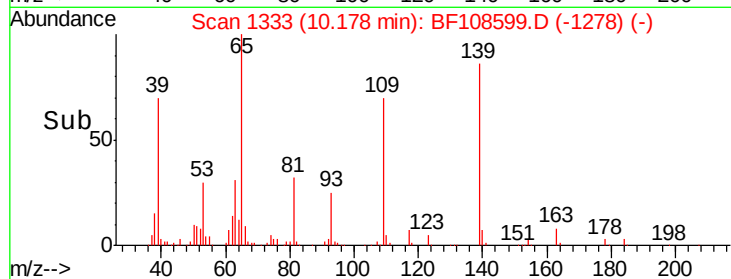
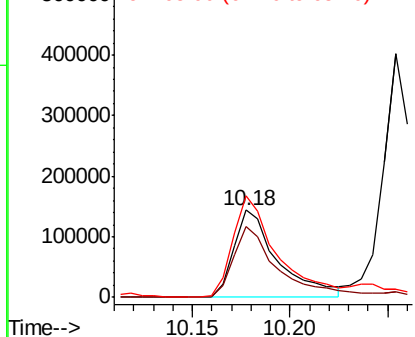
#55
4-Nitrophenol
Concen: 65.919 ng
RT: 10.18 min Scan# 1333
Delta R.T. 0.02 min
Lab File: BF108599.D
Acq: 29 Aug 2018 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 225397
Ion Ratio Lower Upper
139 100
109 81.5 48.4 88.4
65 116.4 72.6 112.6#

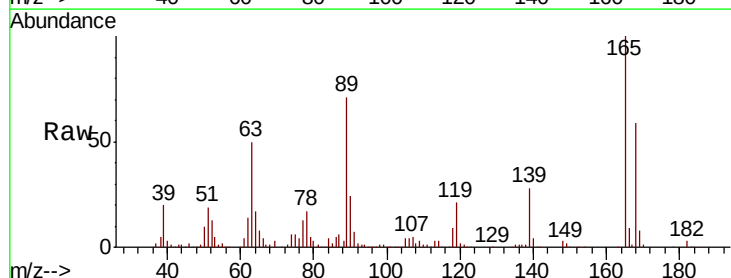


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

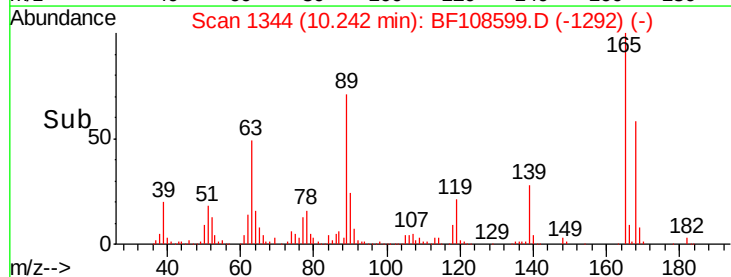
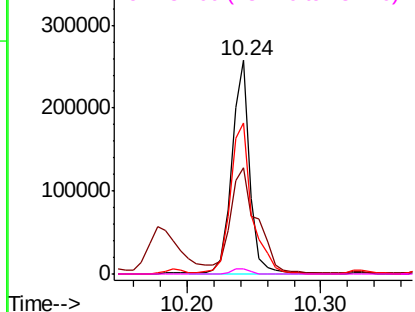


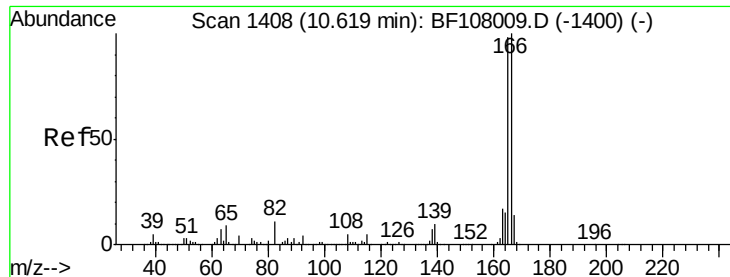
#56
2,4-Dinitrotoluene
Concen: 45.577 ng
RT: 10.24 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF108599.D
Acq: 29 Aug 2018 12:45

Tgt Ion:165 Resp: 242112
Ion Ratio Lower Upper
165 100
63 49.9 36.4 54.6
89 70.7 57.8 86.6
182 2.7 1.6 2.4#



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
Ion 182.00 (181.70 to 182.70): E

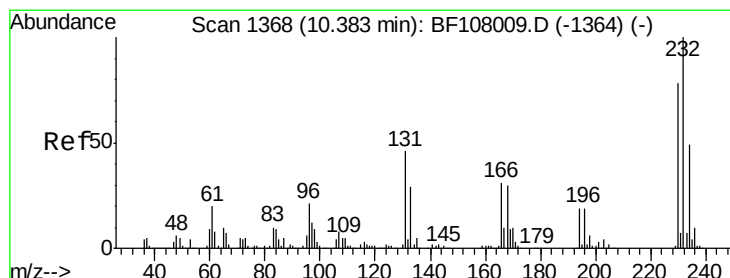
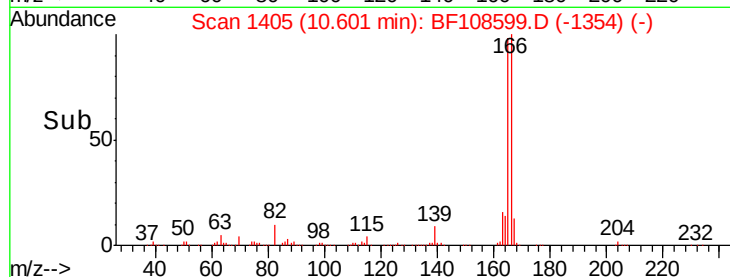
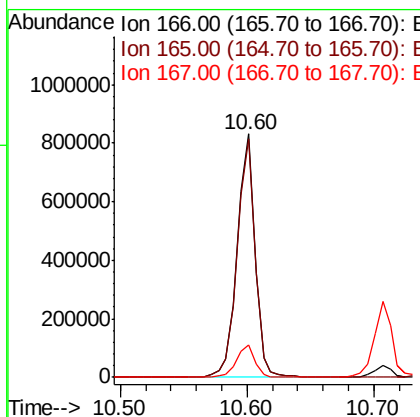
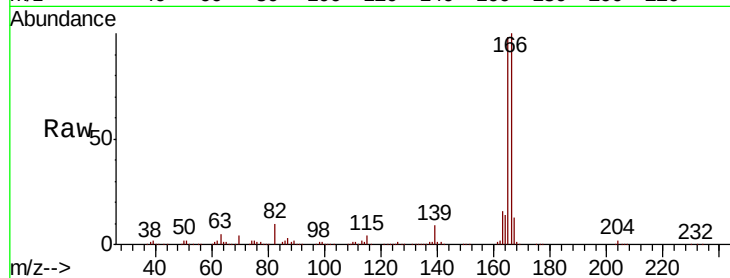




#57
 Fluorene
 Concen: 44.021 ng
 RT: 10.60 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: BF108599.D
 Acq: 29 Aug 2018 12:45

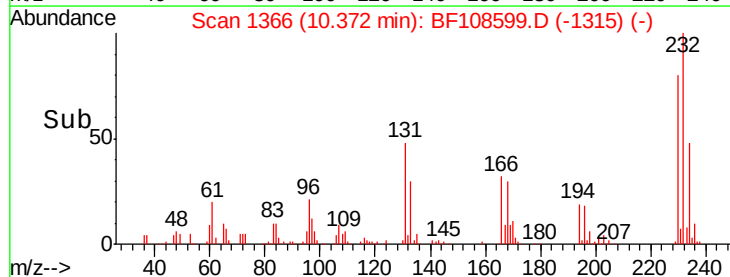
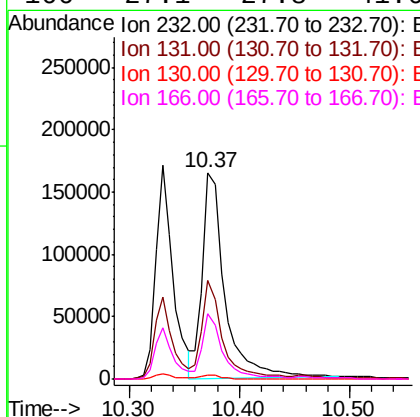
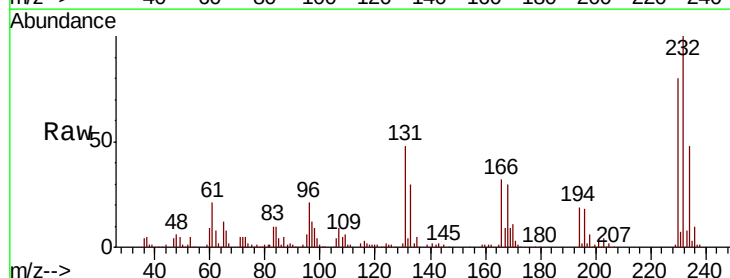
Instrument :
 BNA_F
 ClientSampleId :

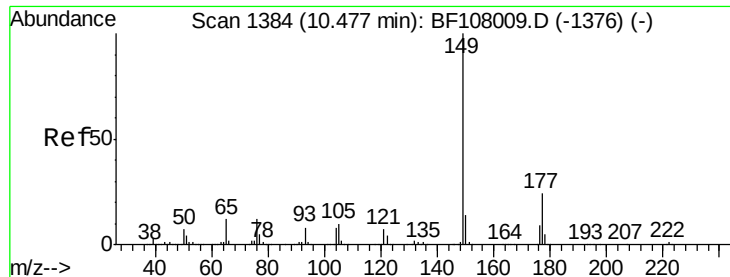
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.2	79.8	119.8
167	13.5	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.302 ng
 RT: 10.37 min Scan# 1366
 Delta R.T. -0.00 min
 Lab File: BF108599.D
 Acq: 29 Aug 2018 12:45

Tgt Ion	Ratio	Lower	Upper
232	100		
131	41.0	43.8	65.8#
130	2.1	2.1	3.1#
166	27.1	27.8	41.6#

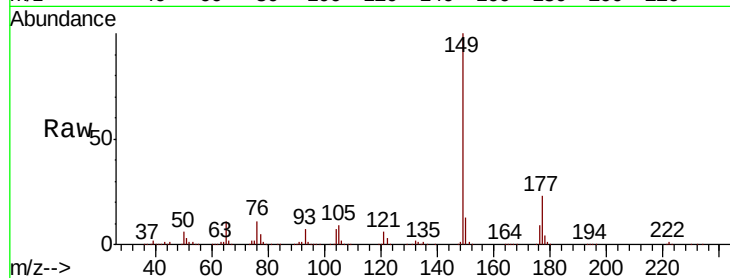




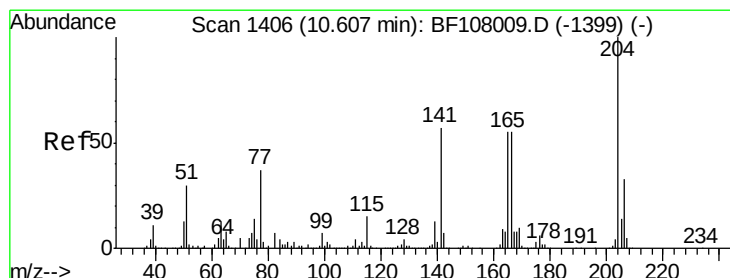
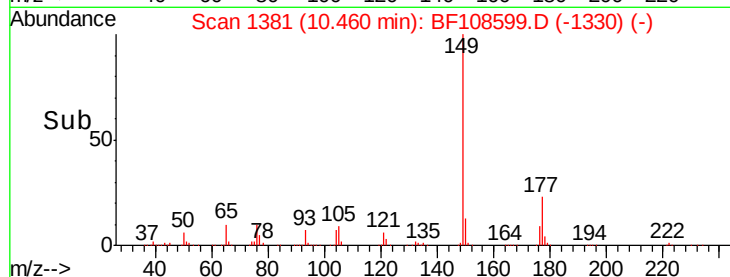
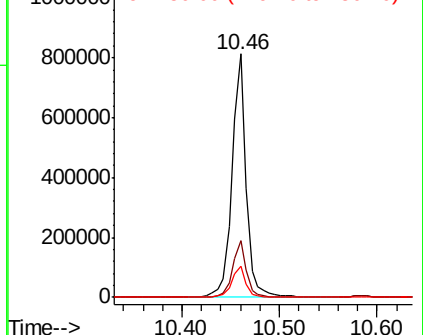
#59
Diethylphthalate
Concen: 42.844 ng
RT: 10.46 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BF108599.D
Acq: 29 Aug 2018 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 818349
Ion Ratio Lower Upper
149 100
177 23.1 16.1 24.1
150 12.9 10.1 15.1

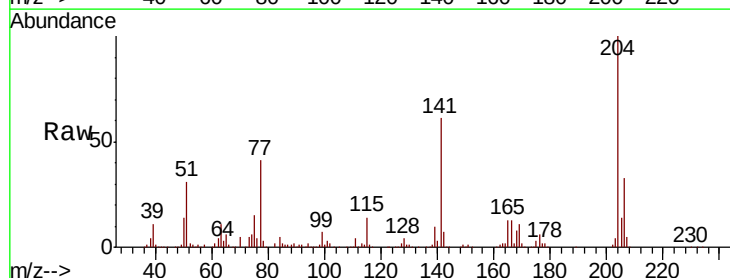


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

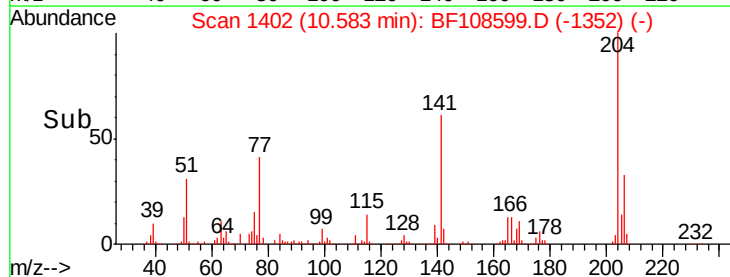
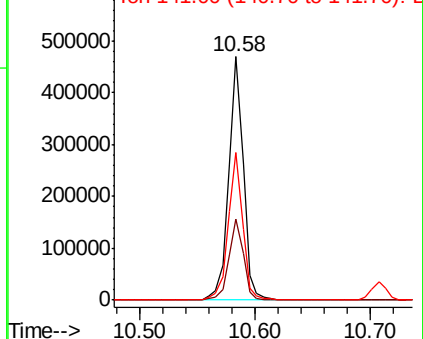


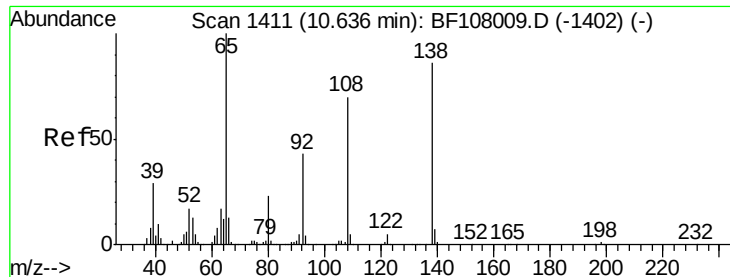
#60
4-Chlorophenyl-phenylether
Concen: 43.125 ng
RT: 10.58 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF108599.D
Acq: 29 Aug 2018 12:45

Tgt Ion:204 Resp: 411797
Ion Ratio Lower Upper
204 100
206 33.3 26.5 39.7
141 60.7 54.6 81.8



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

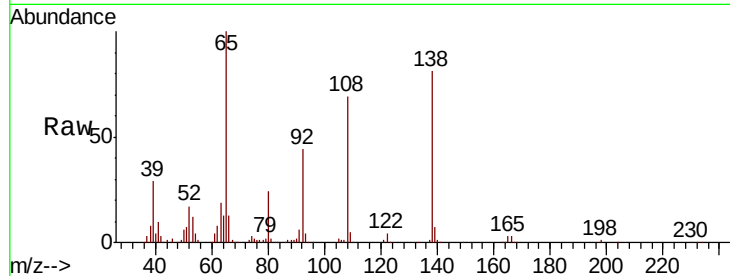




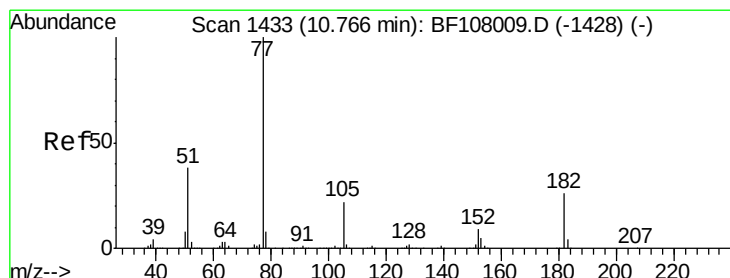
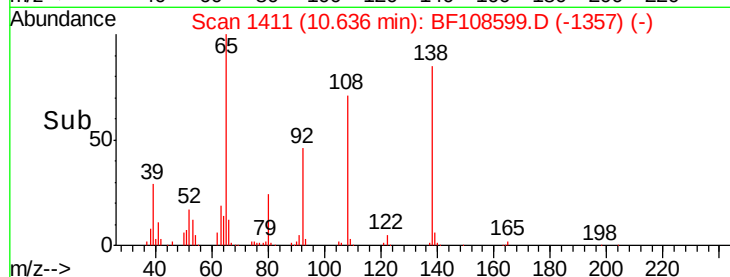
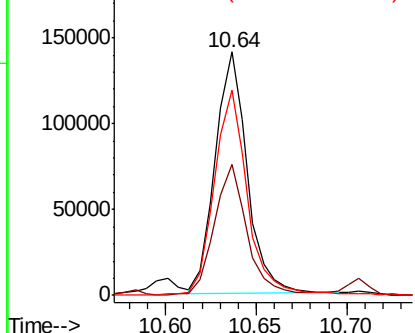
#61
4-Nitroaniline
Concen: 38.853 ng
RT: 10.64 min Scan# 1411
Delta R.T. 0.02 min
Lab File: BF108599.D
Acq: 29 Aug 2018 12:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 173449
Ion Ratio Lower Upper
138 100
92 54.0 30.2 70.2
108 84.5 52.5 92.5

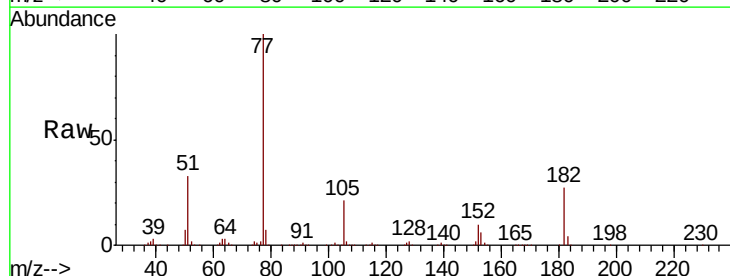


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

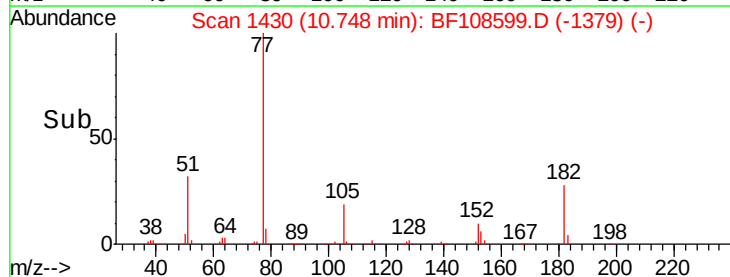
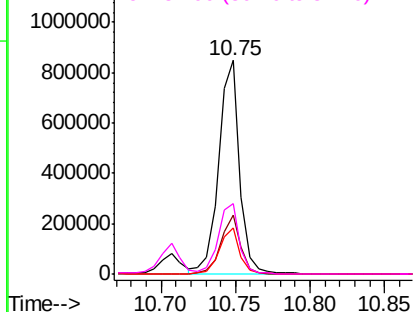


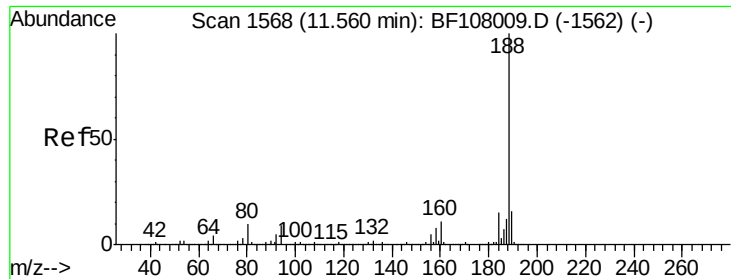
#62
Azobenzene
Concen: 42.109 ng
RT: 10.75 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF108599.D
Acq: 29 Aug 2018 12:45

Tgt Ion: 77 Resp: 830644
Ion Ratio Lower Upper
77 100
182 27.3 1.7 41.7
105 21.4 3.0 43.0
51 32.9 9.9 49.9



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

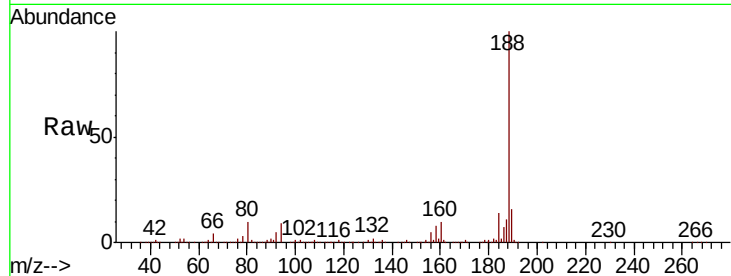




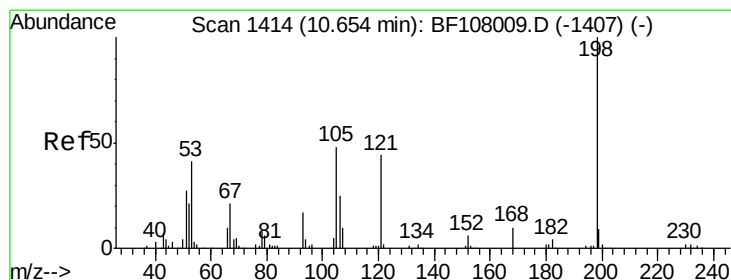
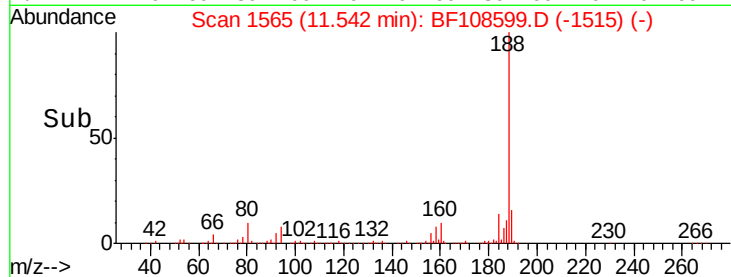
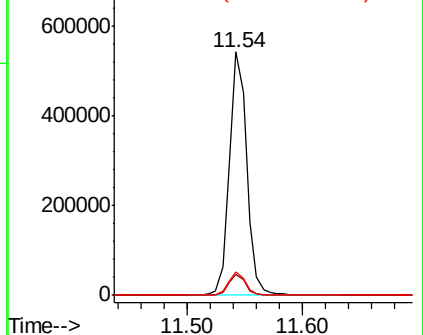
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108599.D
Acq: 29 Aug 2018 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 567399
Ion Ratio Lower Upper
188 100
94 8.6 8.5 12.7
80 9.6 9.2 13.8

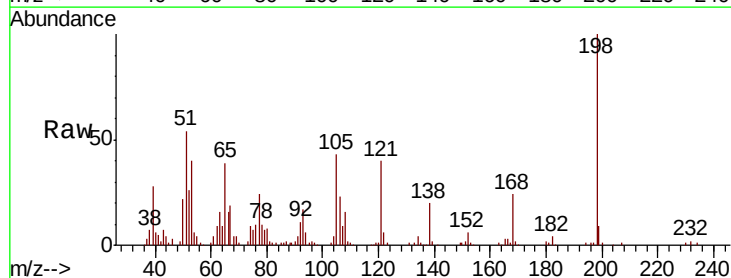


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

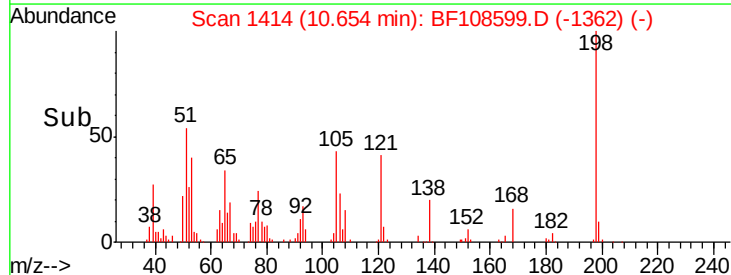
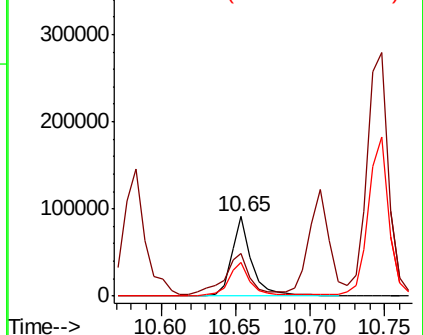


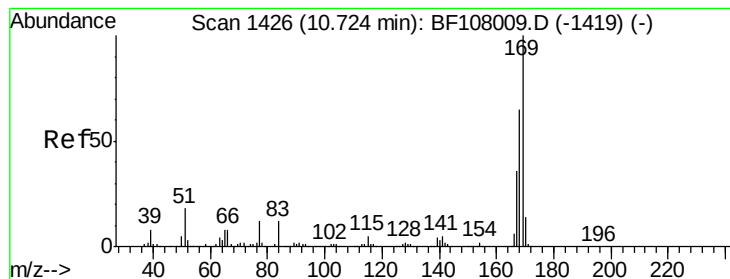
#64
4,6-Dinitro-2-methylphenol
Concen: 41.877 ng
RT: 10.65 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF108599.D
Acq: 29 Aug 2018 12:45

Tgt Ion:198 Resp: 87567
Ion Ratio Lower Upper
198 100
51 53.6 37.7 77.7
105 42.8 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

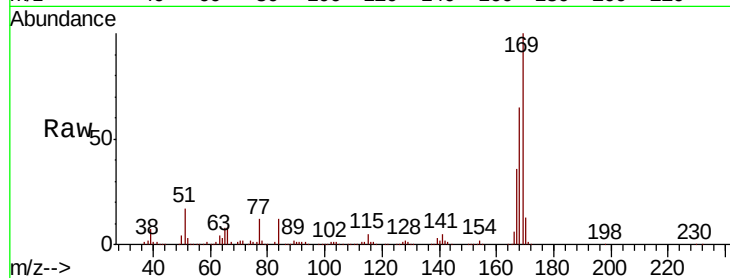




#65
 n-Nitrosodiphenylamine
 Concen: 42.656 ng
 RT: 10.71 min Scan# 1423
 Delta R.T. -0.00 min
 Lab File: BF108599.D
 Acq: 29 Aug 2018 12:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	169	Resp	715227
Ion Ratio	100		
Lower	54.4		
Upper	81.6		
168	65.1		
167	35.9		

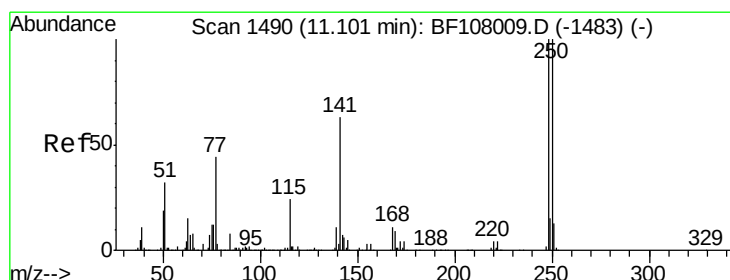
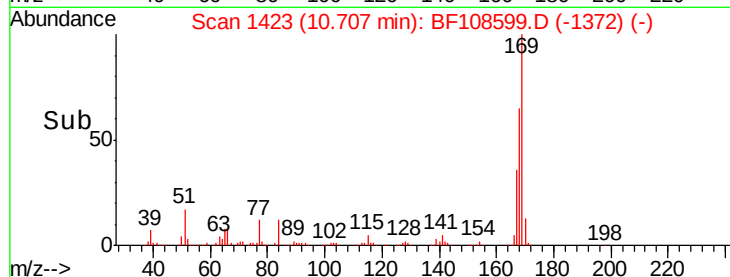
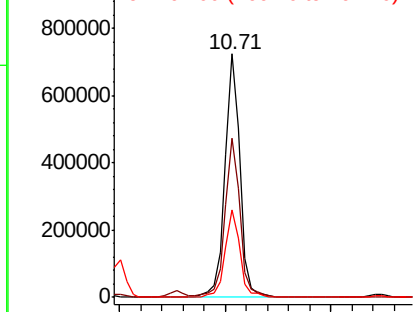


Abundance

Ion 169.00 (168.70 to 169.70): E

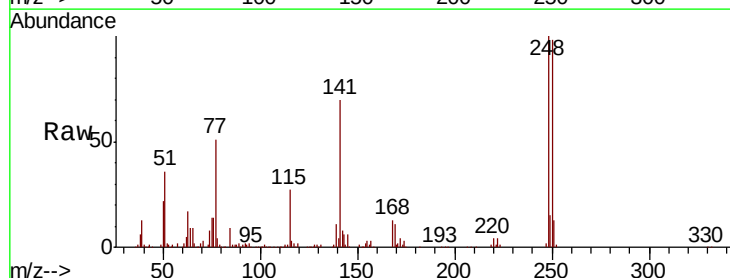
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
 4-Bromophenyl-phenylether
 Concen: 43.538 ng
 RT: 11.08 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: BF108599.D
 Acq: 29 Aug 2018 12:45

Tgt Ion	248	Resp	268458
Ion Ratio	100		
Lower	76.9		
Upper	115.3		
250	97.9		
141	69.8		

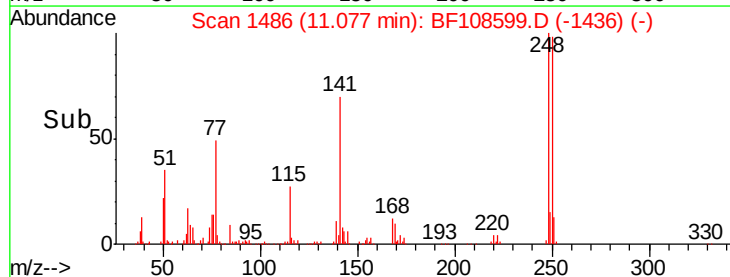
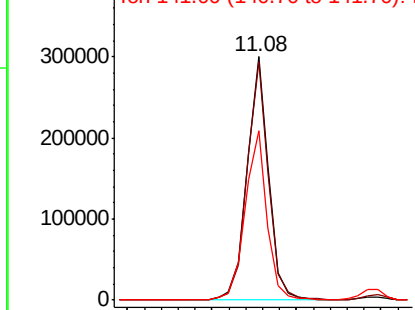


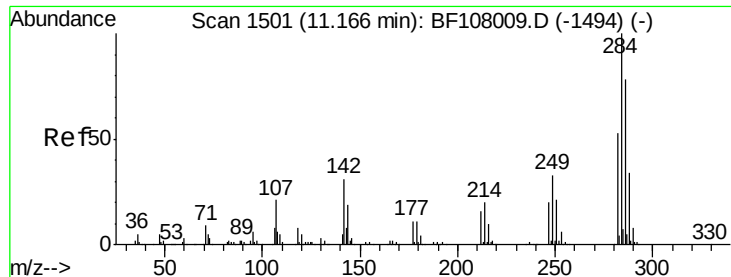
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

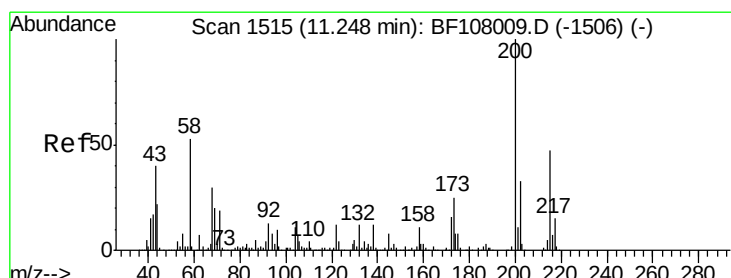
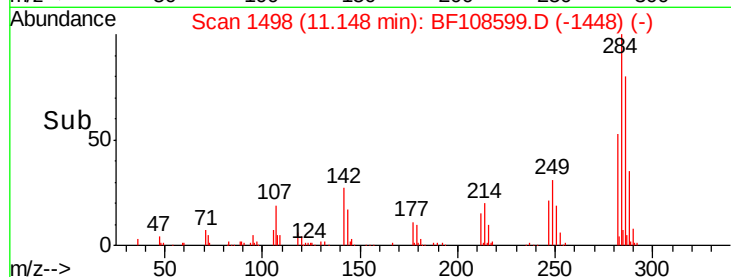
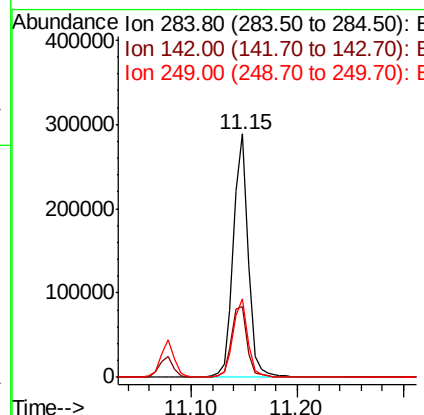
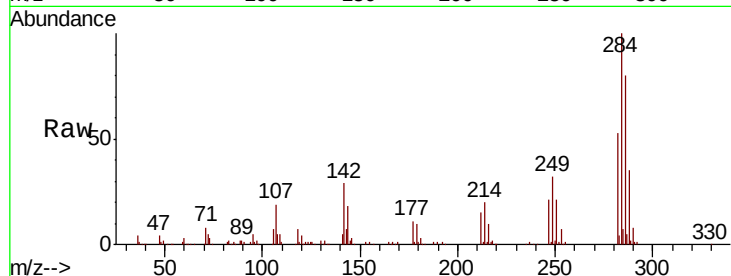




#67
Hexachlorobenzene
Concen: 43.343 ng
RT: 11.15 min Scan# 1498
Delta R.T. -0.01 min
Lab File: BF108599.D
Acq: 29 Aug 2018 12:45

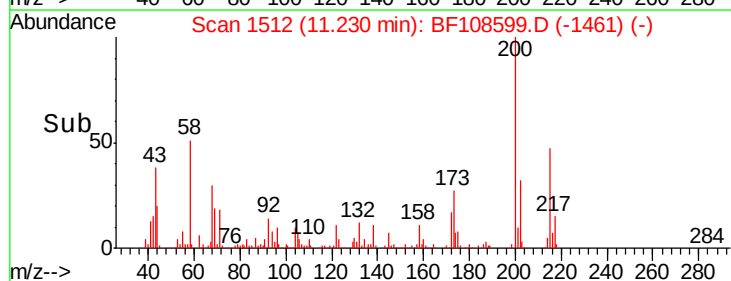
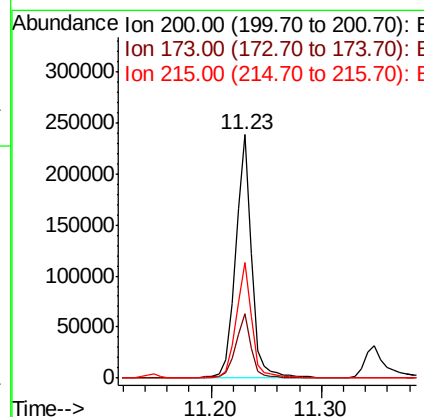
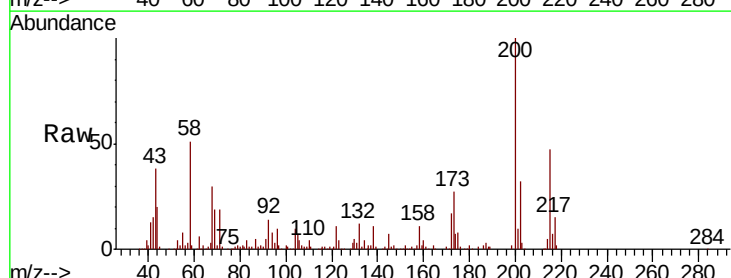
Instrument :
BNA_F
ClientSampleId :

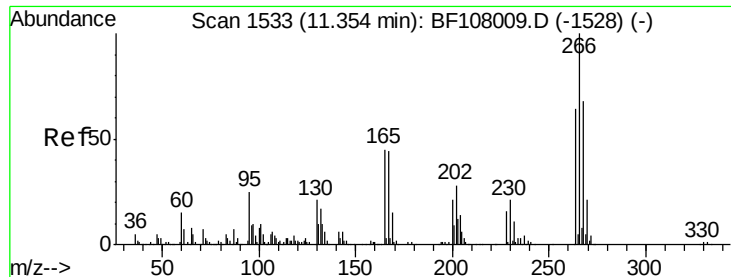
Tot Ion	Ratio	Lower	Upper
284	100		
142	28.9	34.6	52.0#
249	32.1	24.8	37.2



#68
Atrazine
Concen: 43.095 ng
RT: 11.23 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF108599.D
Acq: 29 Aug 2018 12:45

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.6	8.6	48.6
215	47.4	25.1	65.1

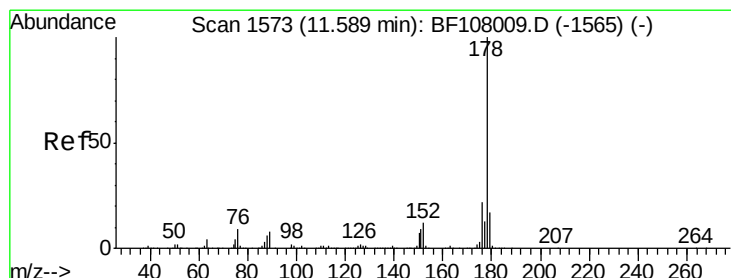
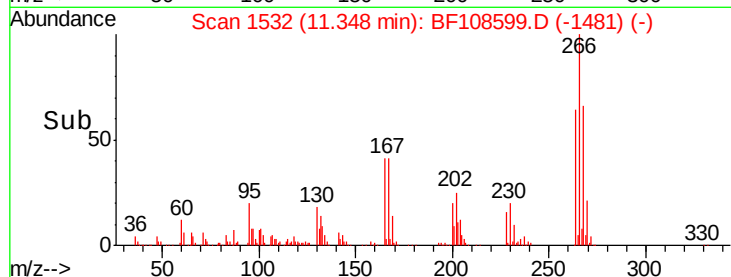
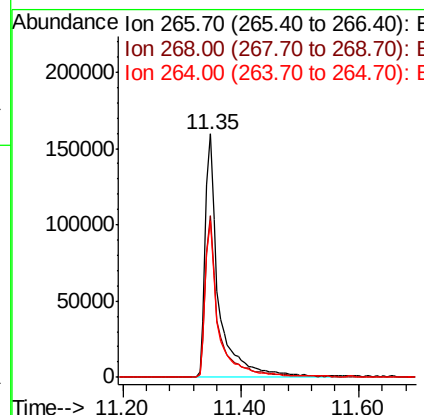
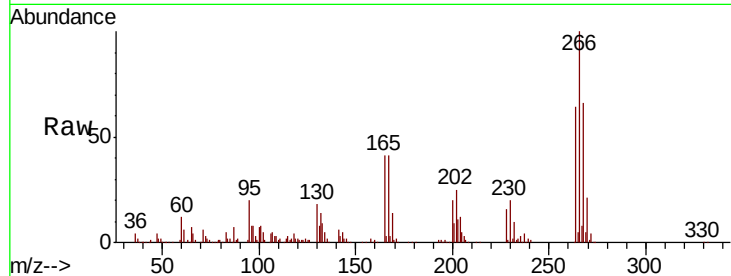




#69
 Pentachlorophenol
 Concen: 81.236 ng
 RT: 11.35 min Scan# 1532
 Delta R.T. -0.00 min
 Lab File: BF108599.D
 Acq: 29 Aug 2018 12:45

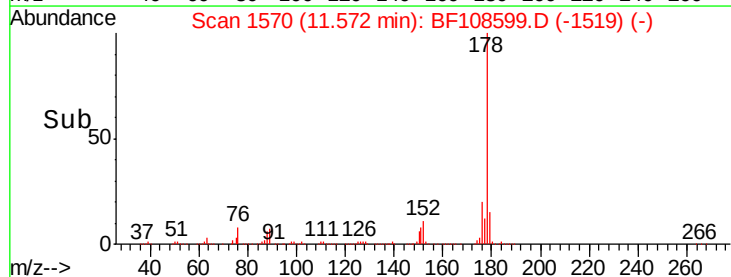
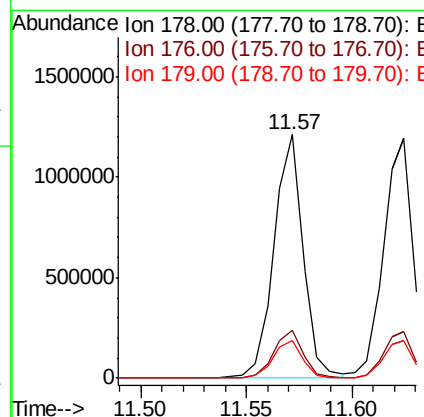
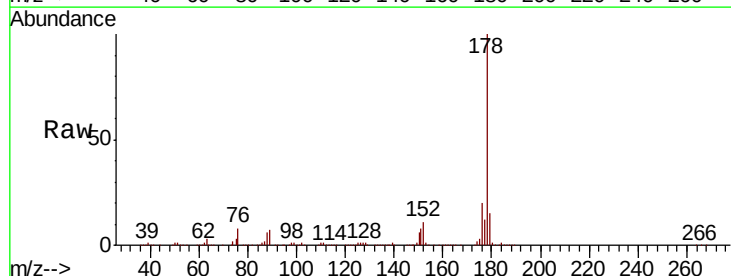
Instrument :
 BNA_F
 ClientSampleId :

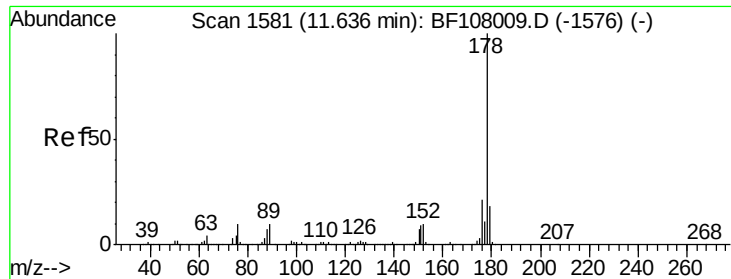
Tot Ion	Ratio	Lower	Upper
266	100		
268	66.2	51.1	76.7
264	64.5	49.5	74.3



#70
 Phenanthrene
 Concen: 43.577 ng
 RT: 11.57 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: BF108599.D
 Acq: 29 Aug 2018 12:45

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

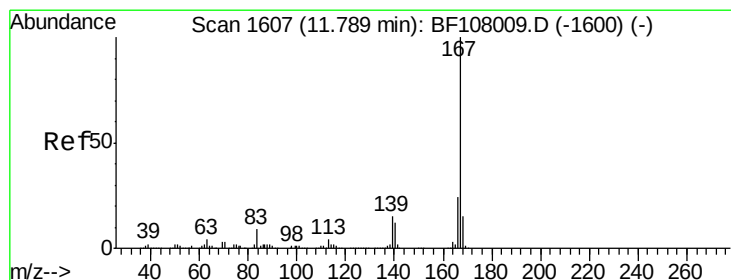
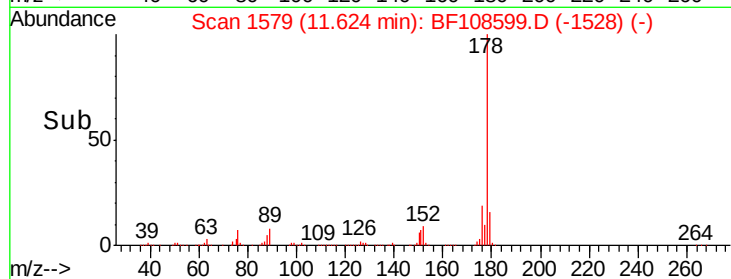
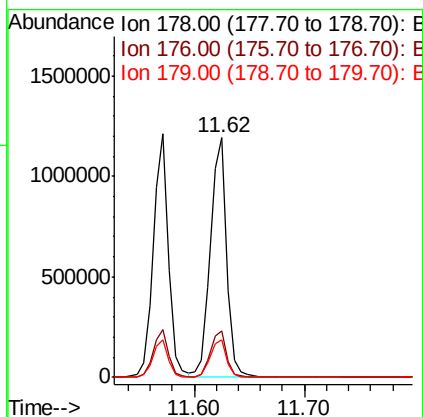
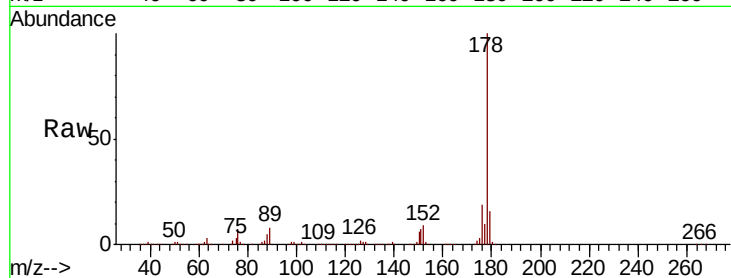




#71
 Anthracene
 Concen: 43.506 ng
 RT: 11.62 min Scan# 1579
 Delta R.T. -0.00 min
 Lab File: BF108599.D
 Acq: 29 Aug 2018 12:45

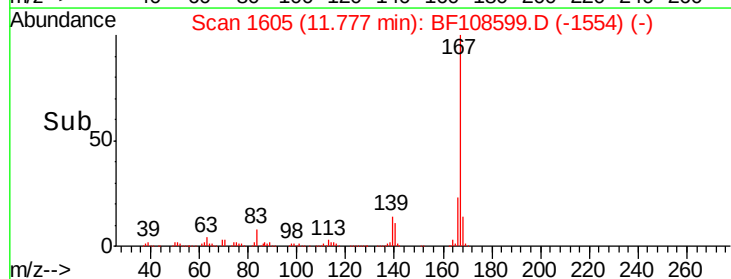
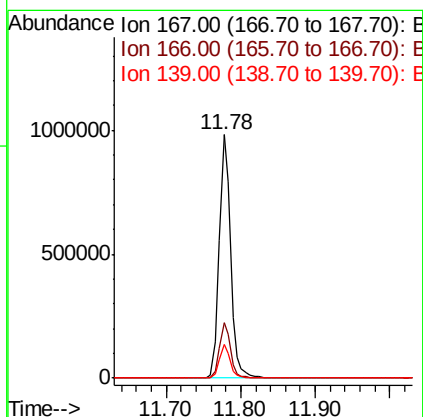
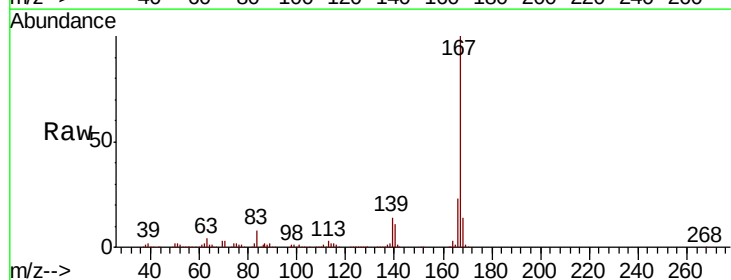
Instrument :
 BNA_F
 ClientSampleId :

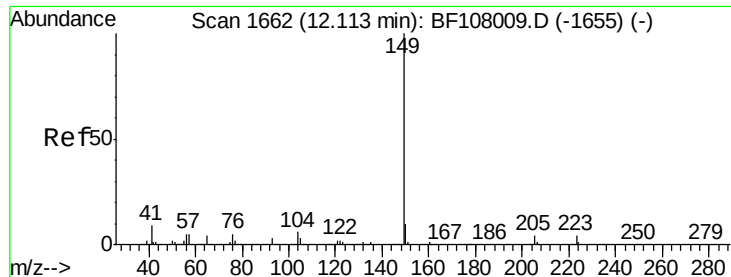
Tot Ion:178 Resp: 1193346
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.8 12.6 19.0



#72
 Carbazole
 Concen: 42.359 ng
 RT: 11.78 min Scan# 1605
 Delta R.T. -0.00 min
 Lab File: BF108599.D
 Acq: 29 Aug 2018 12:45

Tgt Ion:167 Resp: 1032291
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.6 26.4
 139 13.6 10.9 16.3

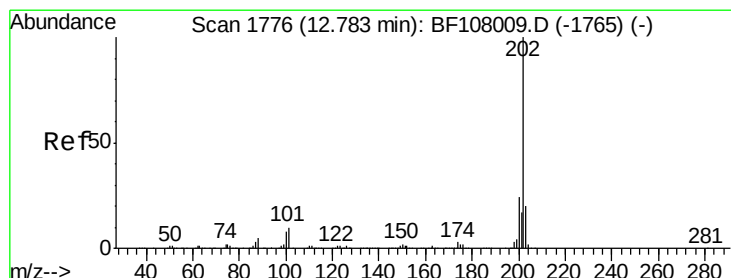
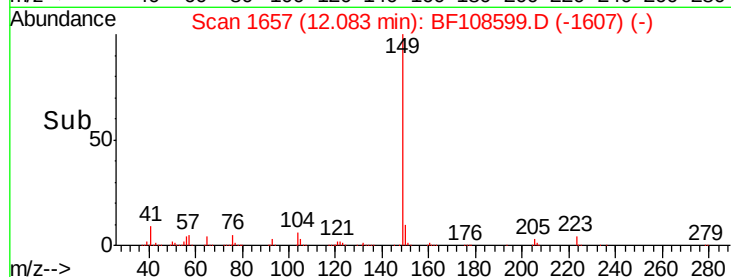
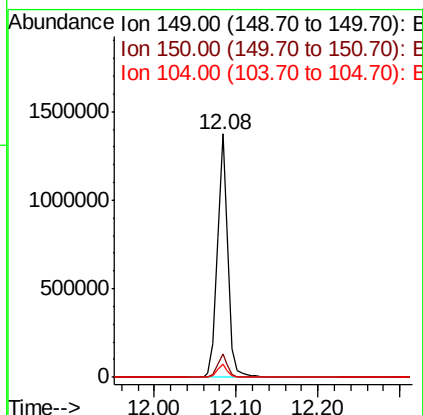
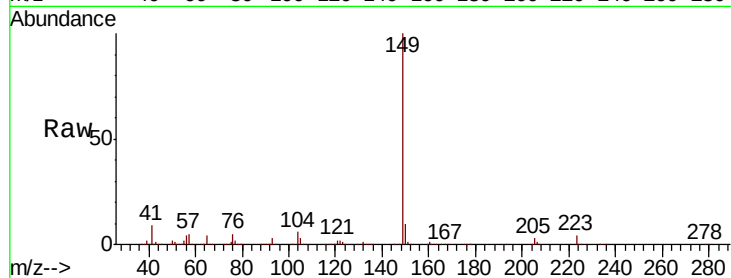




#73
Di-n-butylphthalate
Concen: 44.848 ng
RT: 12.08 min Scan# 1657
Delta R.T. -0.01 min
Lab File: BF108599.D
Acq: 29 Aug 2018 12:45

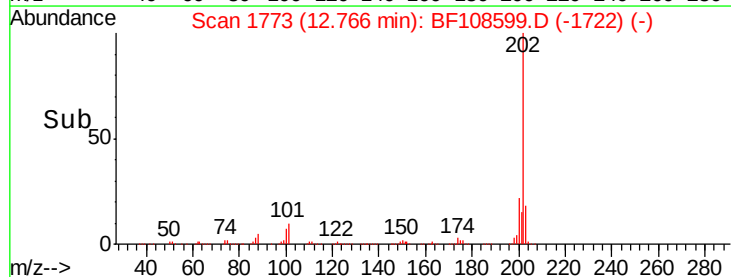
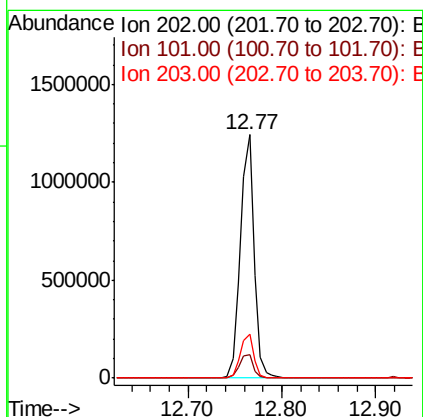
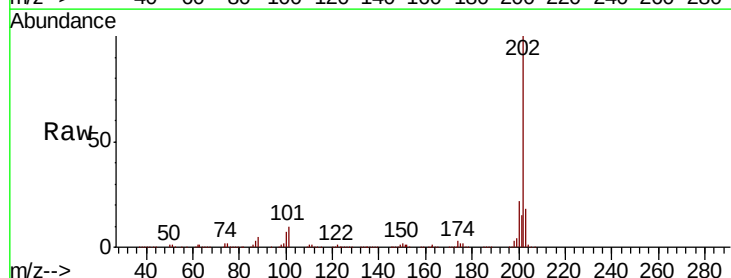
Instrument :
BNA_F
ClientSampleId :

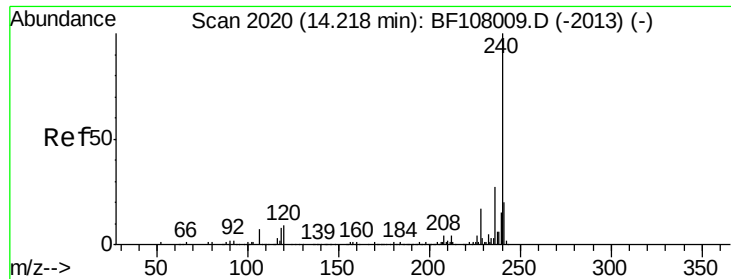
Tot Ion:149 Resp: 1237983
Ion Ratio Lower Upper
149 100
150 9.5 7.8 11.6
104 5.6 3.8 5.8



#74
Fluoranthene
Concen: 43.297 ng
RT: 12.77 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BF108599.D
Acq: 29 Aug 2018 12:45

Tgt Ion:202 Resp: 1264596
Ion Ratio Lower Upper
202 100
101 9.6 0.0 34.1
203 18.3 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.20 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BF108599.D

Acq: 29 Aug 2018 12:45

Instrument :

BNA_F

ClientSampleId :

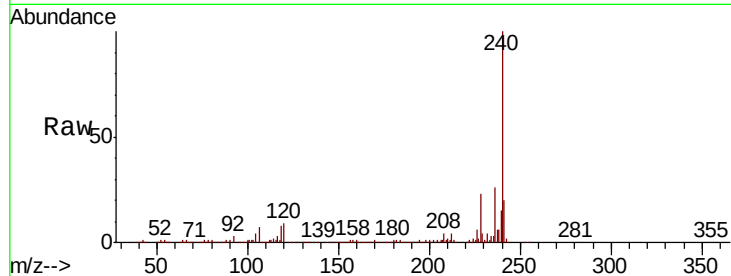
Tot Ion:240 Resp: 418485

Ion Ratio Lower Upper

240 100

120 8.8 9.5 14.3#

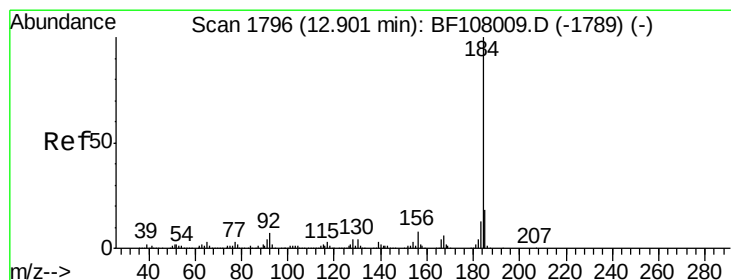
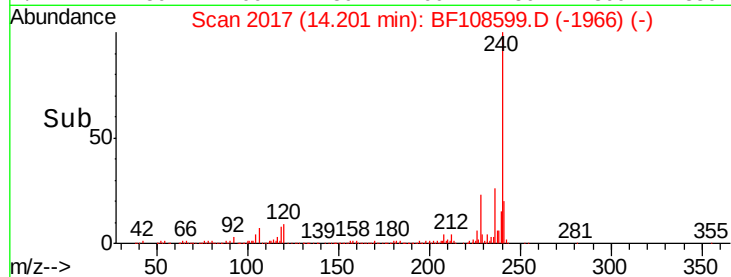
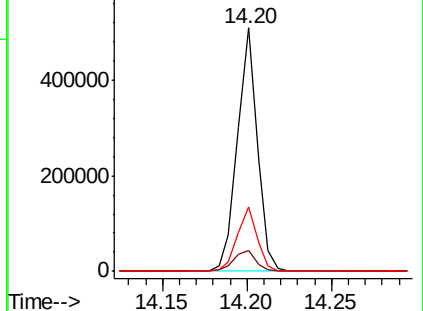
236 26.5 20.7 31.1



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: 38.862 ng

RT: 12.88 min Scan# 1793

Delta R.T. -0.00 min

Lab File: BF108599.D

Acq: 29 Aug 2018 12:45

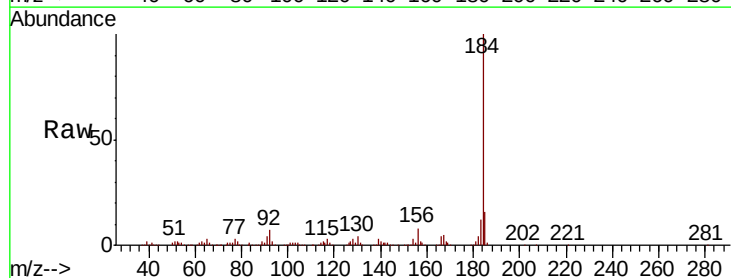
Tgt Ion:184 Resp: 607629

Ion Ratio Lower Upper

184 100

185 15.6 12.6 18.8

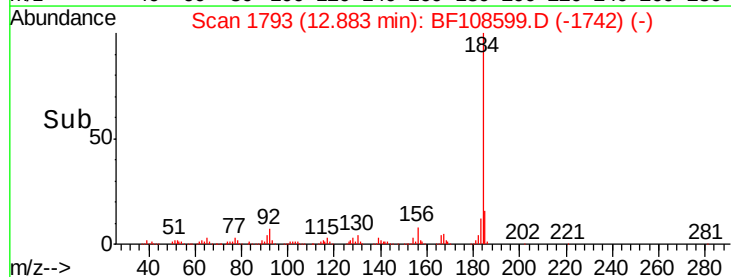
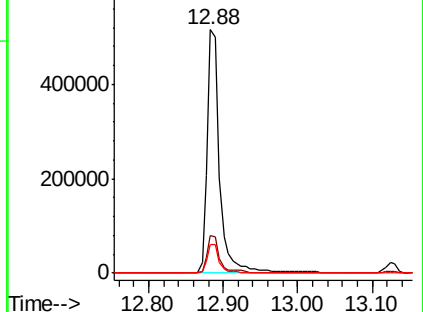
183 12.0 9.3 13.9

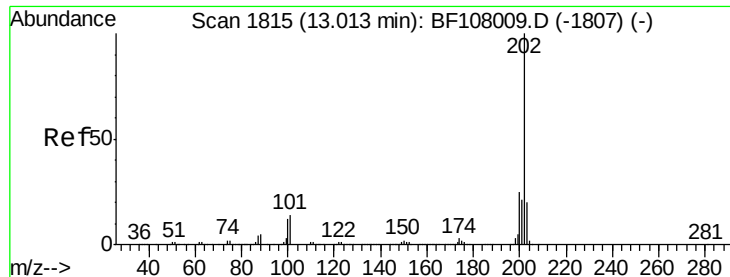


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

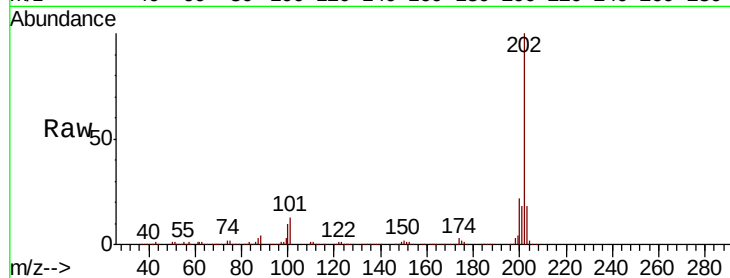




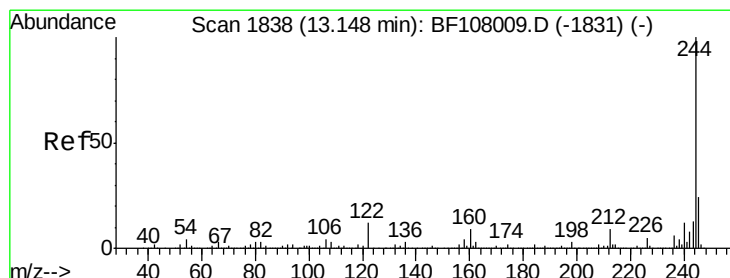
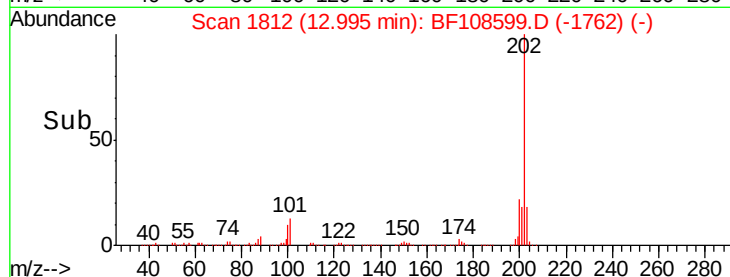
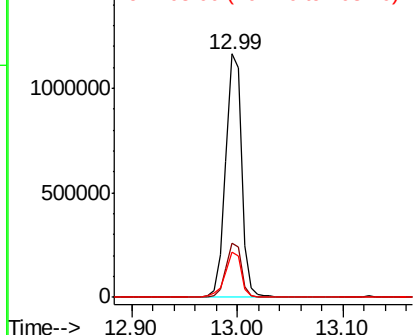
#77
Pvrene
Concen: 46.446 ng
RT: 12.99 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF108599.D
Acq: 29 Aug 2018 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1230570
Ion Ratio Lower Upper
202 100
200 22.3 17.4 26.2
203 18.4 14.3 21.5

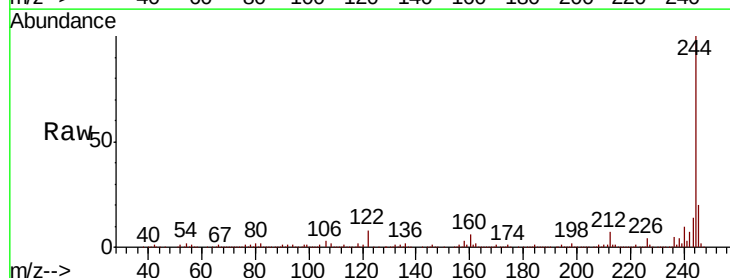


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

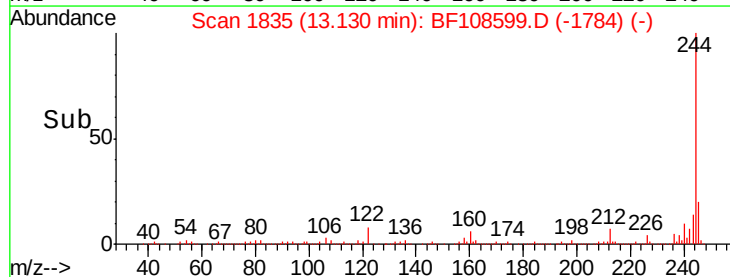
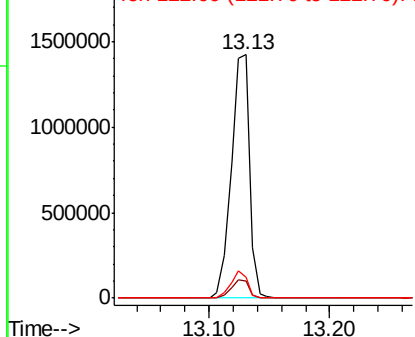


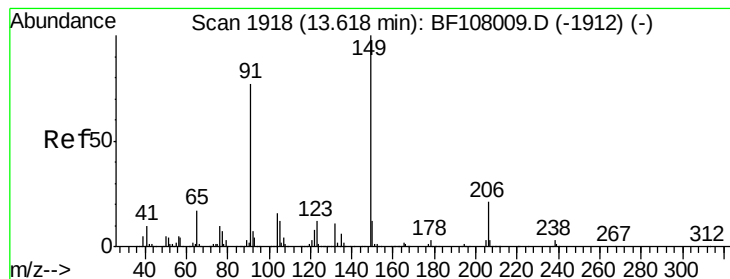
#78
Terphenyl-d14
Concen: 91.261 ng
RT: 13.13 min Scan# 1835
Delta R.T. -0.00 min
Lab File: BF108599.D
Acq: 29 Aug 2018 12:45

Tgt Ion:244 Resp: 1502073
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 8.4 11.0 16.4#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 49.018 ng

RT: 13.59 min Scan# 1914

Delta R.T. -0.01 min

Lab File: BF108599.D

Acq: 29 Aug 2018 12:45

Instrument :

BNA_F

ClientSampleId :

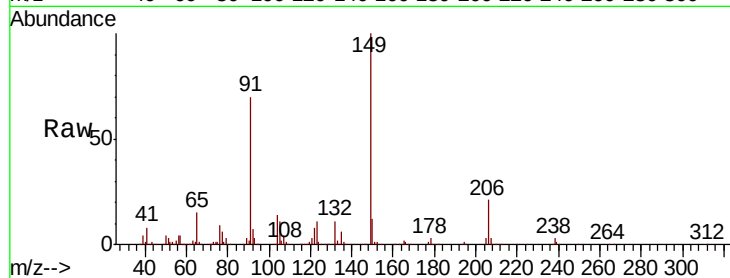
Tot Ion:149 Resp: 515691

Ion Ratio Lower Upper

149 100

91 70.0 56.8 85.2

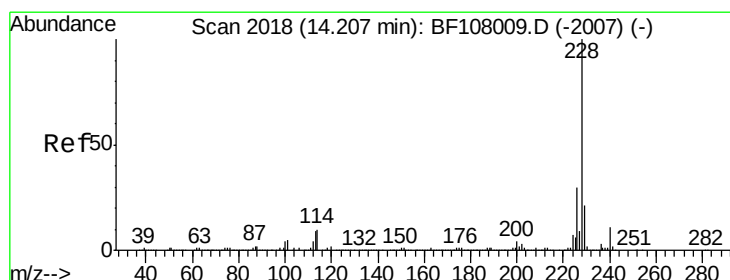
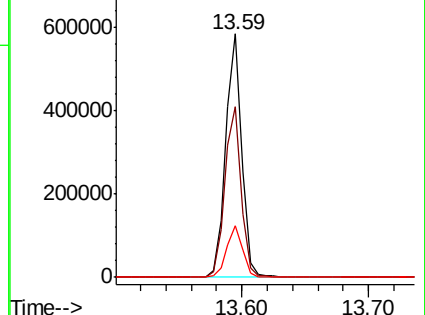
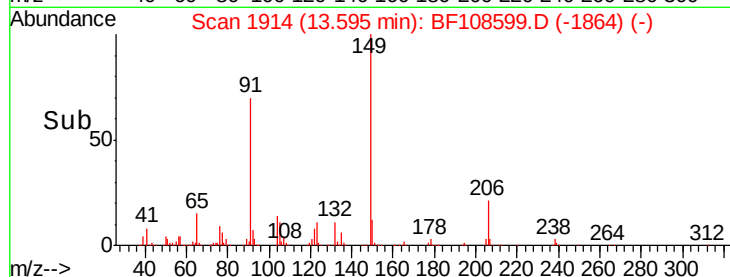
206 21.3 14.1 21.1#



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: 43.243 ng

RT: 14.19 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BF108599.D

Acq: 29 Aug 2018 12:45

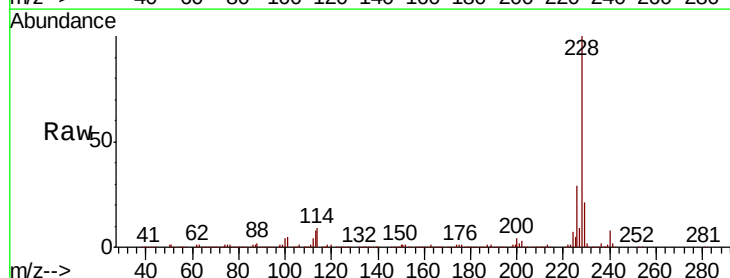
Tgt Ion:228 Resp: 1038548

Ion Ratio Lower Upper

228 100

226 28.8 22.6 33.8

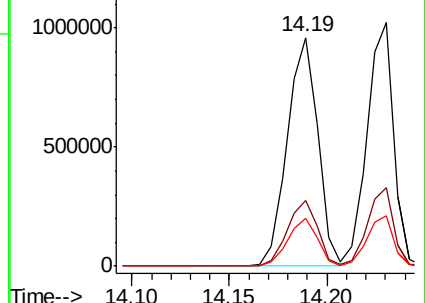
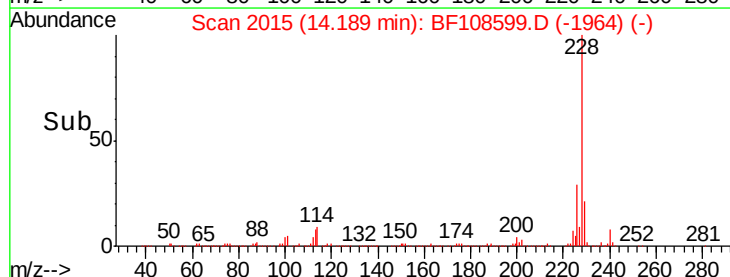
229 20.9 15.8 23.6

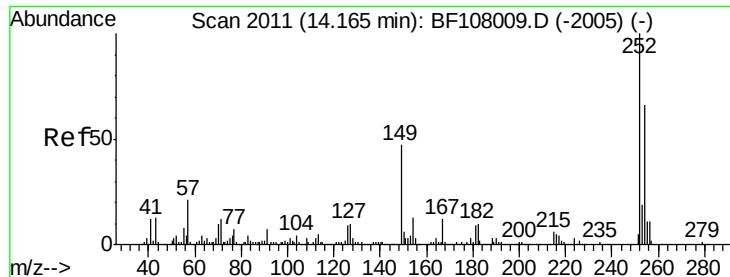


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

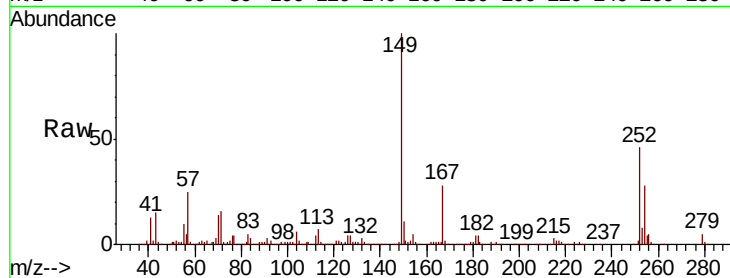




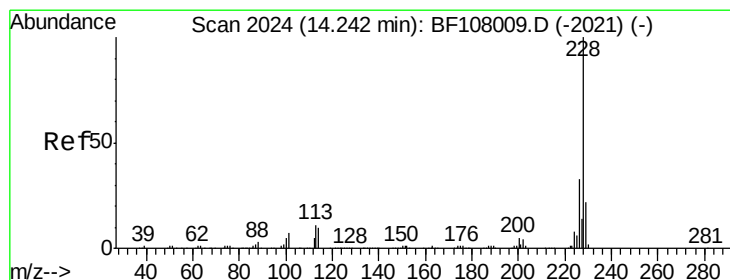
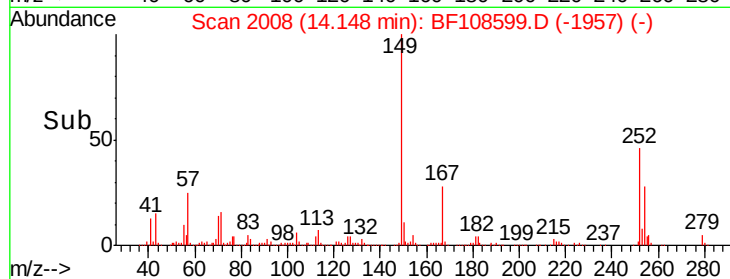
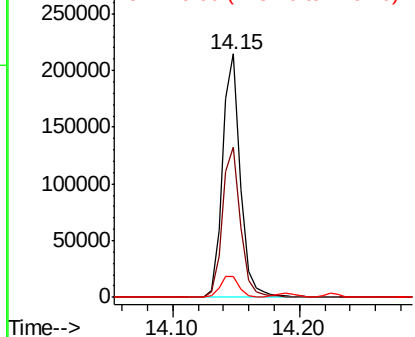
#81
 3,3'-Dichlorobenzidine
 Concen: 24.519 ng
 RT: 14.15 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: BF108599.D
 Acq: 29 Aug 2018 12:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:252 Resp: 211037
 Ion Ratio Lower Upper
 252 100
 254 61.9 50.4 75.6
 126 8.7 11.3 16.9#

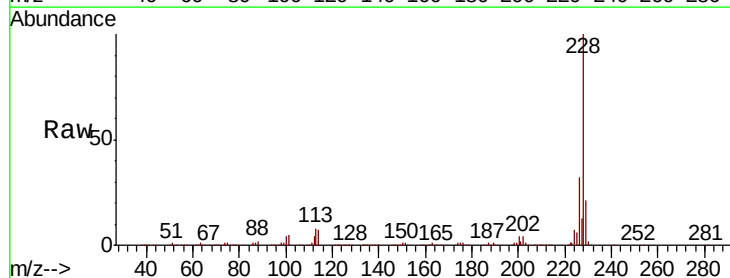


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

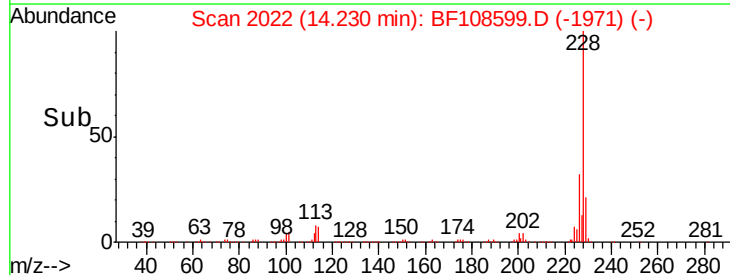
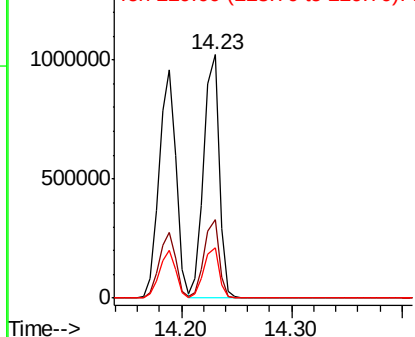


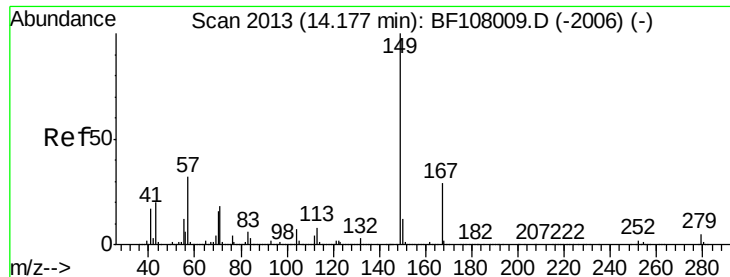
#82
 Chrysene
 Concen: 43.789 ng
 RT: 14.23 min Scan# 2022
 Delta R.T. -0.00 min
 Lab File: BF108599.D
 Acq: 29 Aug 2018 12:45

Tgt Ion:228 Resp: 964157
 Ion Ratio Lower Upper
 228 100
 226 32.3 25.0 37.6
 229 20.6 16.2 24.4



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

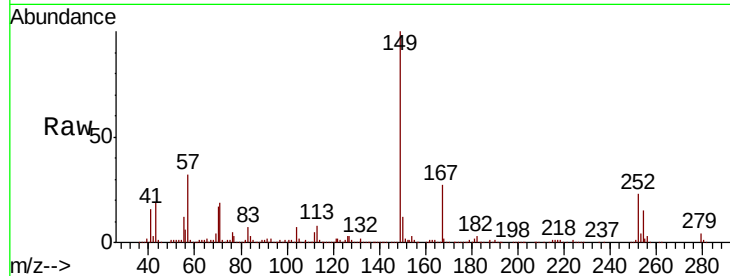




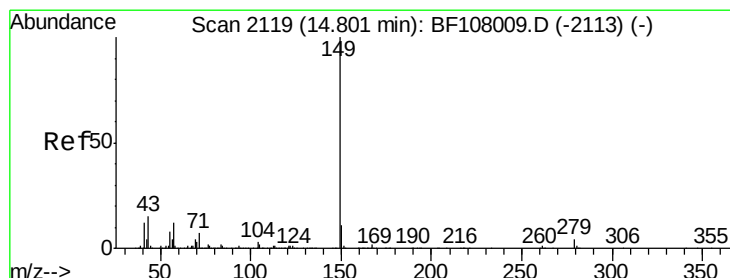
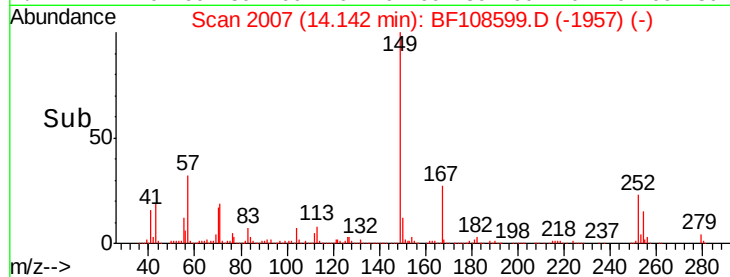
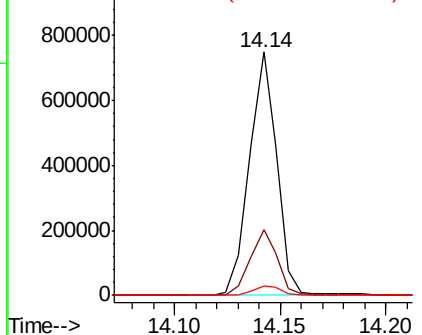
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.482 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF108599.D
 Acq: 29 Aug 2018 12:45

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.3	31.9
279	4.0	3.0	4.4

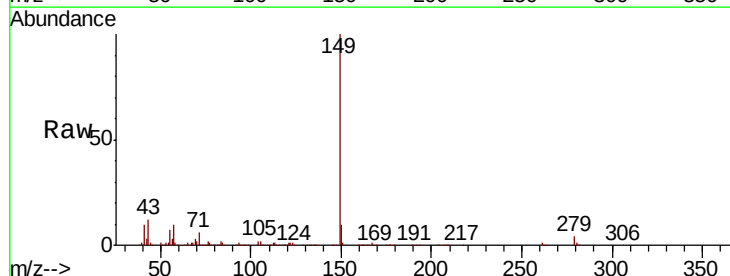


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

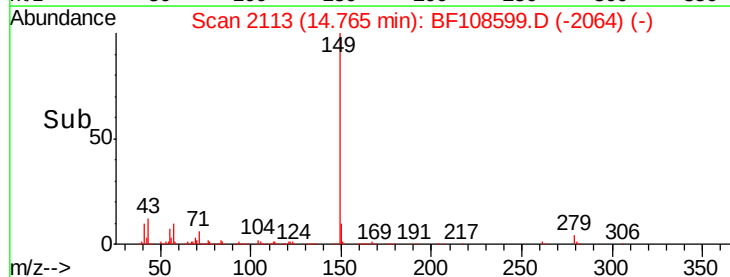
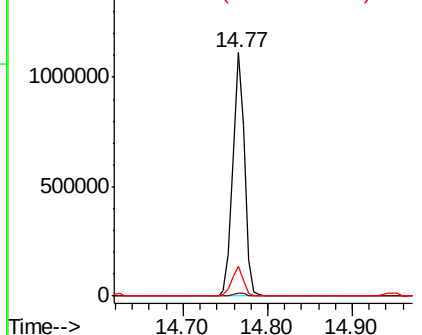


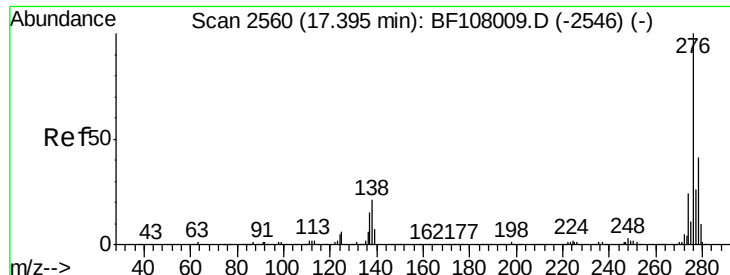
#84
 Di-n-octyl phthalate
 Concen: 48.020 ng
 RT: 14.77 min Scan# 2113
 Delta R.T. -0.01 min
 Lab File: BF108599.D
 Acq: 29 Aug 2018 12:45

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.9	8.4	12.6



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

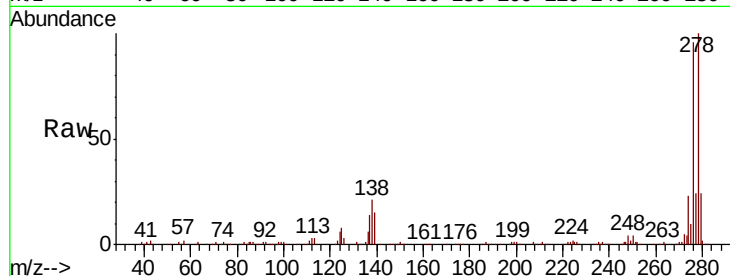




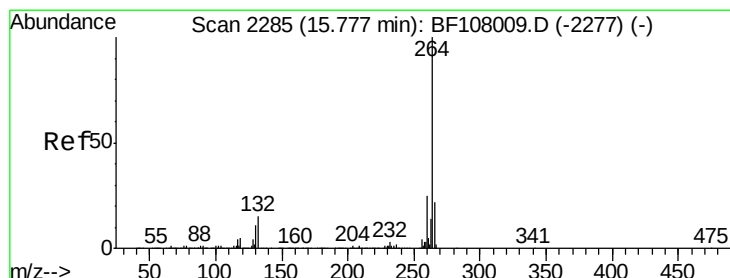
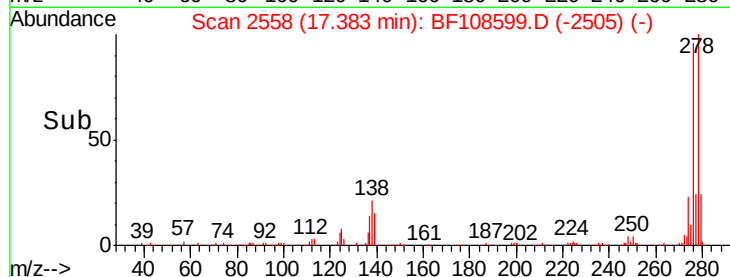
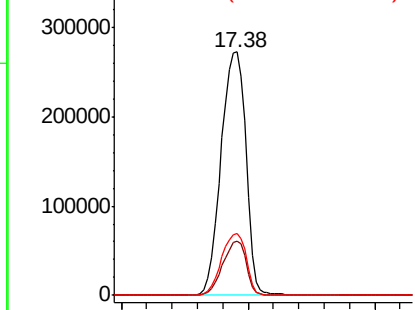
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.932 ng
 RT: 17.38 min Scan# 2558
 Delta R.T. 0.01 min
 Lab File: BF108599.D
 Acq: 29 Aug 2018 12:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.9	25.0	37.6#
277	25.3	20.1	30.1

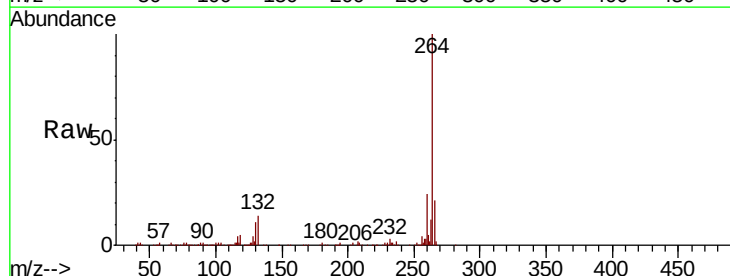


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

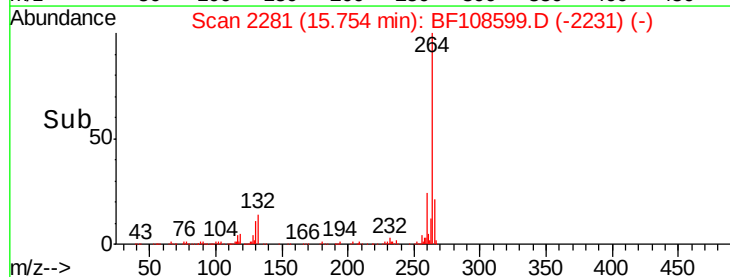
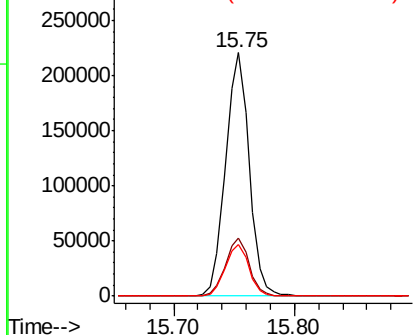


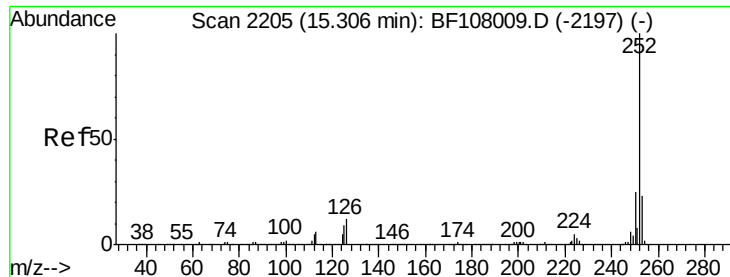
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.75 min Scan# 2281
 Delta R.T. -0.01 min
 Lab File: BF108599.D
 Acq: 29 Aug 2018 12:45

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.2	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

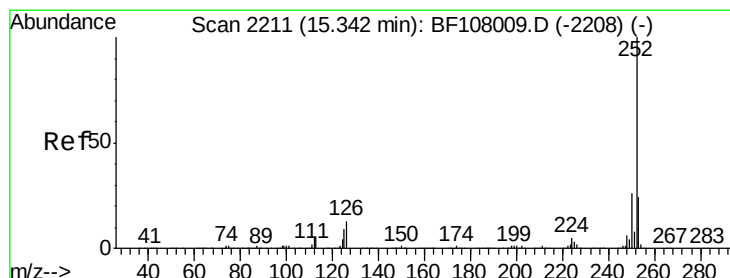
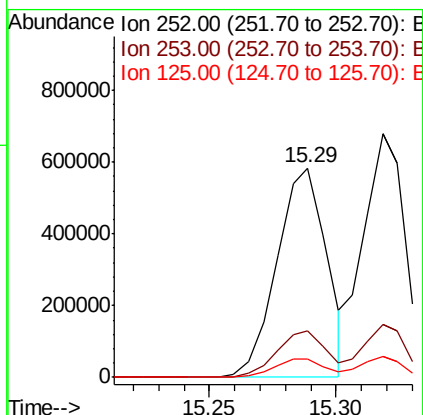
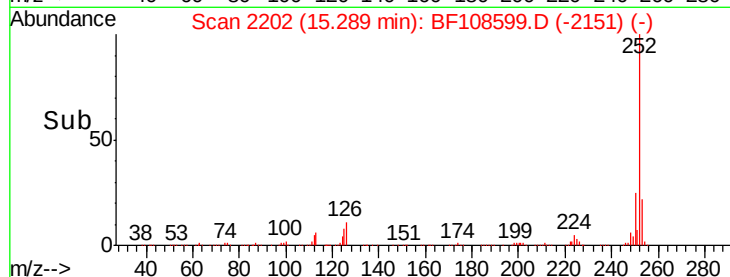
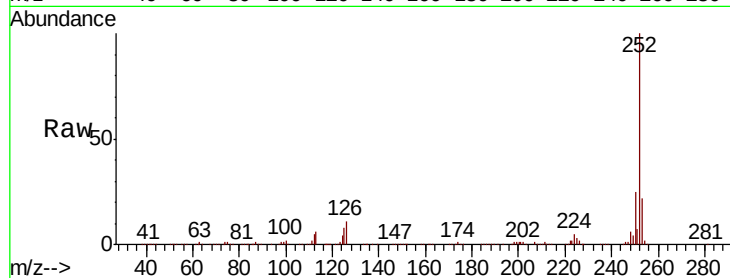




#87
Benzo(b)fluoranthene
Concen: 44.359 ng
RT: 15.29 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BF108599.D
Acq: 29 Aug 2018 12:45

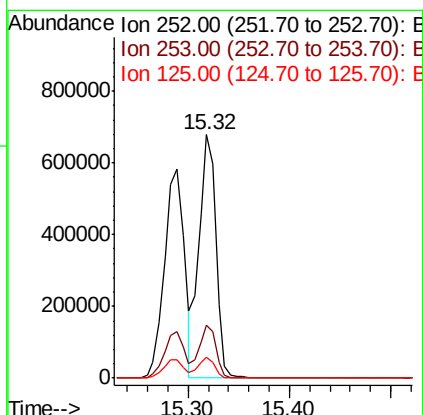
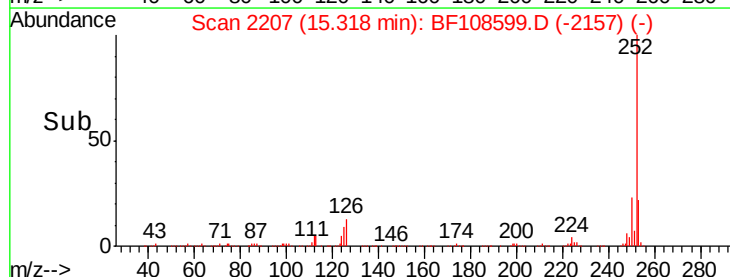
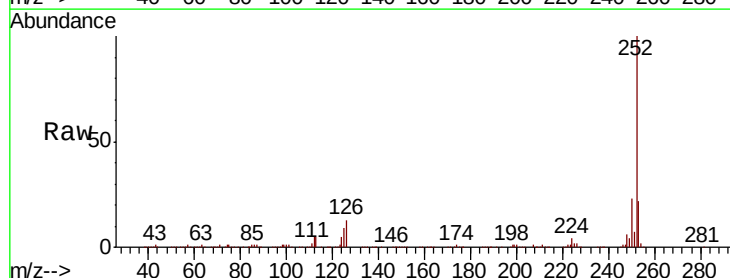
Instrument :
BNA_F
ClientSampleId :

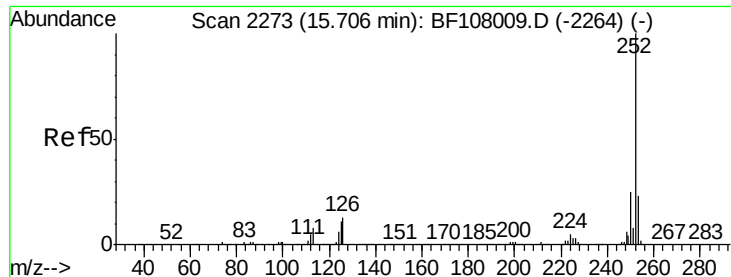
Tot Ion:252 Resp: 795130
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 8.5 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 47.754 ng
RT: 15.32 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF108599.D
Acq: 29 Aug 2018 12:45

Tgt Ion:252 Resp: 786861
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 8.8 10.2 15.2#

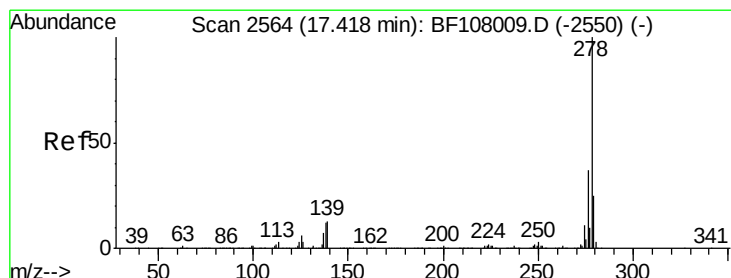
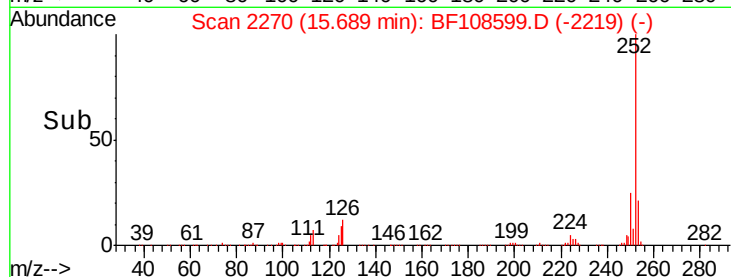
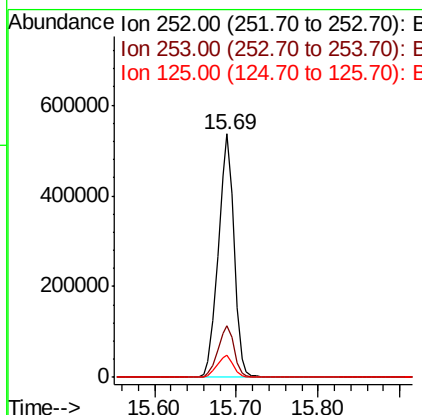
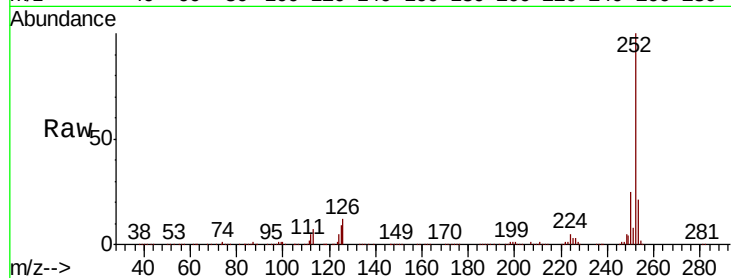




#89
Benzo(a)pyrene
Concen: 44.962 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.00 min
Lab File: BF108599.D
Acq: 29 Aug 2018 12:45

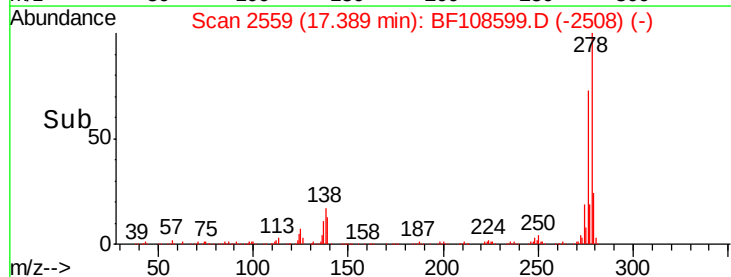
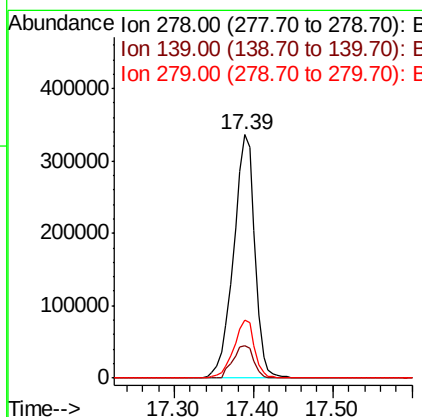
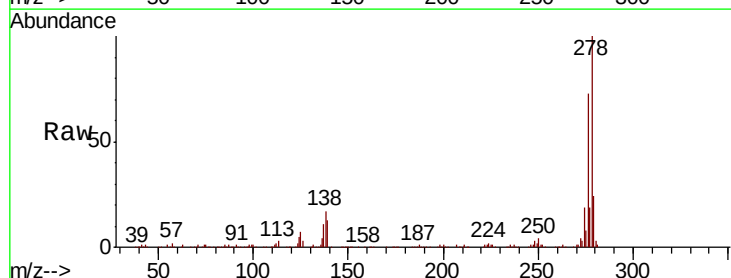
Instrument :
BNA_F
ClientSampleId :

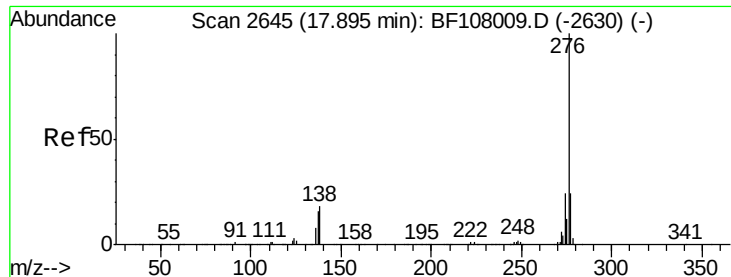
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.1	25.7
125	9.2	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 46.988 ng
RT: 17.39 min Scan# 2559
Delta R.T. -0.00 min
Lab File: BF108599.D
Acq: 29 Aug 2018 12:45

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.2	15.9	23.9
279	23.7	19.0	28.4

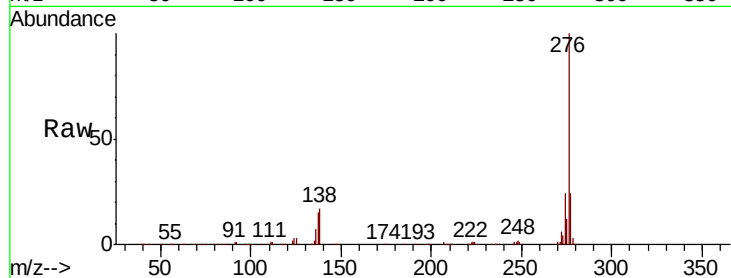




#91
 Benzo(a,h,i)perylene
 Concen: 47.651 ng
 RT: 17.88 min Scan# 2642
 Delta R.T. 0.01 min
 Lab File: BF108599.D
 Acq: 29 Aug 2018 12:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	17.9	26.9
138	17.3	21.8	32.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

