

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080818\
 Data File : BF108033.D
 Acq On : 8 Aug 2018 21:31
 Operator : JU/SJ
 Sample : J3762-09
 Misc : MDL 2 PPM
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 09 06:42:25 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 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	279642	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	1112961	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	604356	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	1251435	20.00	ng	0.00
75) Chrysene-d12	14.21	240	1116628	20.00	ng	-0.01
86) Perylene-d12	15.77	264	945562	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	1958576	126.80	ng	0.00
7) Phenol-d6	6.63	99	2609966	127.16	ng	0.00
23) Nitrobenzene-d5	7.58	82	1730437	86.76	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	842230	139.71	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	3122224	82.94	ng	0.00
78) Terphenyl-d14	13.15	244	3731667	84.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.91	88	17132	2.159	ng	# 87
3) Pyridine	3.75	79	42856	2.096	ng	# 92
4) n-Nitrosodimethylamine	3.63	42	22614	1.966	ng	# 79
6) Aniline	6.68	93	36738	1.316	ng	96
8) 2-Chlorophenol	6.80	128	39361	2.263	ng	89
9) Benzaldehyde	6.57	77	31842	2.001	ng	99
10) Phenol	6.64	94	47620	2.243	ng	# 48
11) bis(2-Chloroethyl)ether	6.74	93	38364	2.235	ng	96
12) 1,3-Dichlorobenzene	6.95	146	44851	2.230	ng	97
13) 1,4-Dichlorobenzene	7.03	146	46136	2.283	ng	97
14) 1,2-Dichlorobenzene	7.18	146	42122	2.241	ng	93
15) Benzyl Alcohol	7.14	79	24083	1.394	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.28	45	79326	2.243	ng	96
17) 2-Methylphenol	7.24	107	32308	2.166	ng	97
18) Hexachloroethane	7.52	117	15851	2.203	ng	98
19) n-Nitroso-di-n-propylamine	7.41	70	30352	2.187	ng	# 83
20) 3+4-Methylphenols	7.40	107	42974	2.248	ng	94
22) Acetophenone	7.41	105	61880	2.378	ng	94
24) Nitrobenzene	7.59	77	50069	2.483	ng	95
25) Isophorone	7.82	82	79819	2.100	ng	96
26) 2-Nitrophenol	7.91	139	12086	1.587	ng	# 92
27) 2,4-Dimethylphenol	7.93	122	36985	2.192	ng	97
28) bis(2-Chloroethoxy)methane	8.03	93	51416	2.317	ng	94
29) 2,4-Dichlorophenol	8.14	162	30488	1.964	ng	96
30) 1,2,4-Trichlorobenzene	8.23	180	38196	2.231	ng	94
31) Naphthalene	8.32	128	121743	2.405	ng	99
32) Benzoic acid	7.96	122	4858	6.409	ng	# 88
33) 4-Chloroaniline	8.36	127	32401	1.469	ng	97
34) Hexachlorobutadiene	8.43	225	24165	2.230	ng	97
35) Caprolactam	8.68	113	9190	1.889	ng	# 75
36) 4-Chloro-3-methylphenol	8.82	107	33211	1.983	ng	95
37) 2-Methylnaphthalene	9.01	142	86454	2.414	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	41962	2.261	ng	# 98
40) Hexachlorocyclopentadiene	9.16	237	21386	1.784	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	19779	1.717	ng	96
43) 2,4,5-Trichlorophenol	9.31	196	23555	1.858	ng	98
45) 1,1'-Biphenyl	9.47	154	112105	2.516	ng	95
46) 2-Chloronaphthalene	9.50	162	82390	2.339	ng	97
47) 2-Nitroaniline	9.59	65	20696	1.816	ng	# 86
48) Acenaphthylene	9.92	152	133978	2.406	ng	98
49) Dimethylphthalate	9.76	163	96765	2.299	ng	99
50) 2,6-Dinitrotoluene	9.83	165	17475	1.984	ng	94
51) Acenaphthene	10.09	154	80679	2.366	ng	97
52) 3-Nitroaniline	10.00	138	17309	1.796	ng	98
53) 2,4-Dinitrophenol	10.10	184	2191	7.627	ng	# 1
54) Dibenzofuran	10.27	168	121049	2.450	ng	99
55) 4-Nitrophenol	10.14	139	10573	1.449	ng	87
56) 2,4-Dinitrotoluene	10.23	165	19720	1.739	ng	# 84
57) Fluorene	10.61	166	93593	2.393	ng	96
58) 2,3,4,6-Tetrachlorophenol	10.38	232	19403	1.831	ng	# 87
59) Diethylphthalate	10.47	149	93592	2.296	ng	97
60) 4-Chlorophenyl-phenylether	10.60	204	48988	2.404	ng	88
61) 4-Nitroaniline	10.61	138	17459	1.832	ng	86
62) Azobenzene	10.76	77	97285	2.311	ng	94
64) 4,6-Dinitro-2-methylphenol	10.64	198	4238	6.160	ng	86
65) n-Nitrosodiphenylamine	10.71	169	83980	2.271	ng	95
66) 4-Bromophenyl-phenylether	11.09	248	30391	2.235	ng	94
67) Hexachlorobenzene	11.15	284	32109	2.244	ng	92
68) Atrazine	11.23	200	25809	2.081	ng	96
69) Pentachlorophenol	11.35	266	9112	1.330	ng	98
70) Phenanthrene	11.58	178	147913	2.506	ng	98
71) Anthracene	11.63	178	151400	2.503	ng	98
72) Carbazole	11.78	167	126258	2.349	ng	98
73) Di-n-butylphthalate	12.11	149	137795	2.263	ng	100
74) Fluoranthene	12.77	202	160263	2.488	ng	93
76) Benzidine	12.89	184	19521	0.468	ng	# 92
77) Pyrene	13.00	202	164382	2.325	ng	99
79) Butylbenzylphthalate	13.61	149	48538	1.729	ng	99
80) Benzo(a)anthracene	14.19	228	146489	2.286	ng	98
81) 3,3'-Dichlorobenzidine	14.15	252	25883	1.127	ng	96
82) Chrysene	14.23	228	138167	2.352	ng	97
83) Bis(2-ethylhexyl)phthalate	14.17	149	70197	1.847	ng	99
84) Di-n-octyl phthalate	14.79	149	101220	1.746	ng	# 92
85) Indeno(1,2,3-cd)pyrene	17.37	276	95755	1.881	ng	# 92
87) Benzo(b)fluoranthene	15.32	252	118550	2.098	ng	98
88) Benzo(k)fluoranthene	15.32	252	118550	2.283	ng	# 95
89) Benzo(a)pyrene	15.69	252	104618	2.068	ng	# 95
90) Dibenzo(a,h)anthracene	17.38	278	81342	1.943	ng	# 90
91) Benzo(g,h,i)perylene	17.85	276	79543	1.930	ng	# 89

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

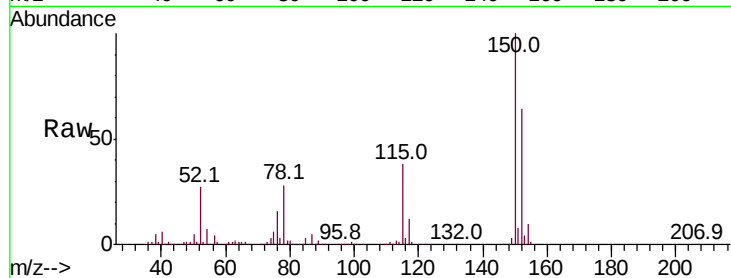


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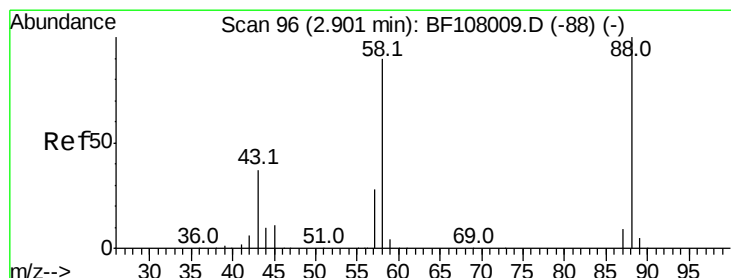
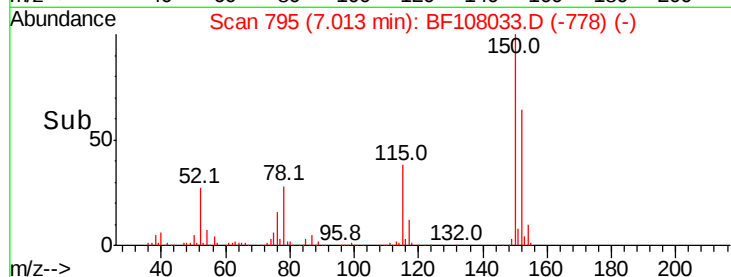
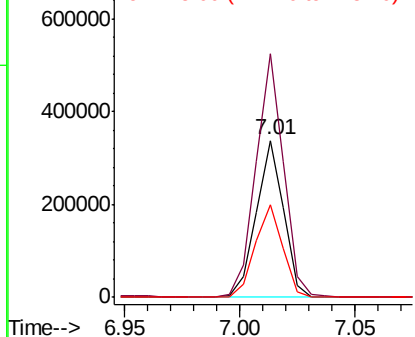
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108033.D
Acq: 8 Aug 2018 21:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 279642
Ion Ratio Lower Upper
152 100
150 155.1 124.6 186.8
115 58.7 50.1 75.1



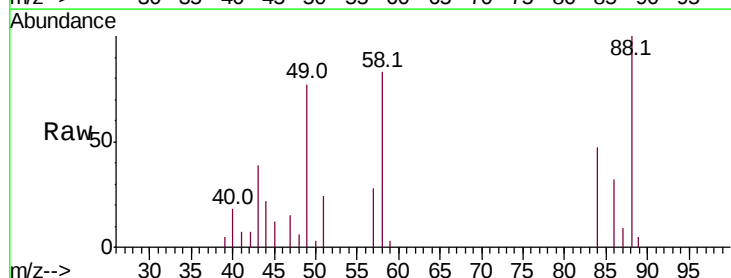
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



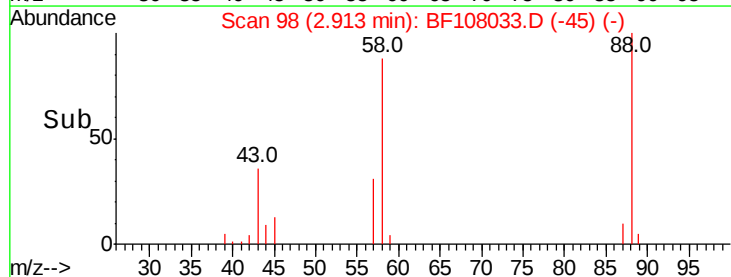
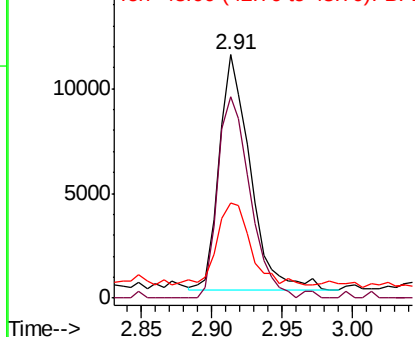
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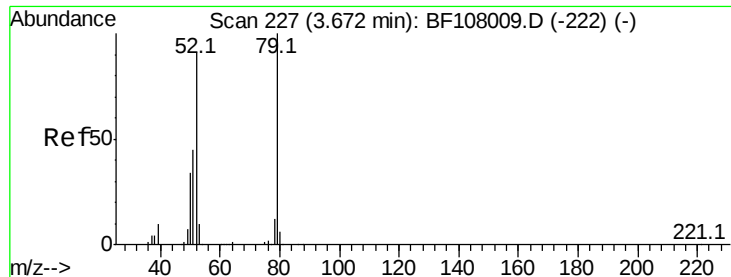
1,4-Dioxane
Concen: 2.159 ng
RT: 2.91 min Scan# 98
Delta R.T. 0.01 min
Lab File: BF108033.D
Acq: 8 Aug 2018 21:31

Tgt Ion: 88 Resp: 17132
Ion Ratio Lower Upper
88 100
58 89.4 62.6 93.8
43 38.5 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: 2.096 ng

RT: 3.75 min Scan# 240

Delta R.T. 0.08 min

Lab File: BF108033.D

Acq: 8 Aug 2018 21:31

Instrument :

BNA_F

ClientSampleId :

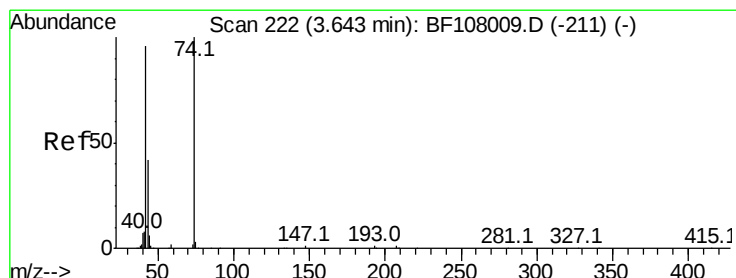
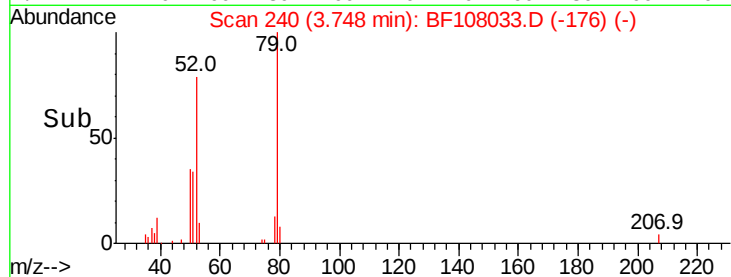
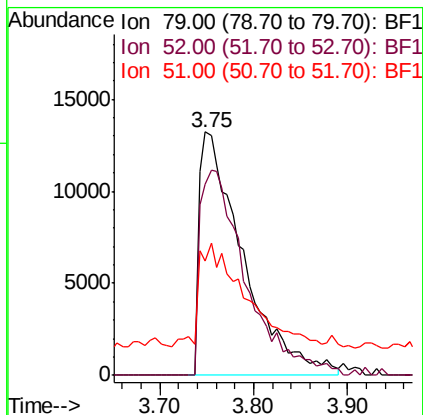
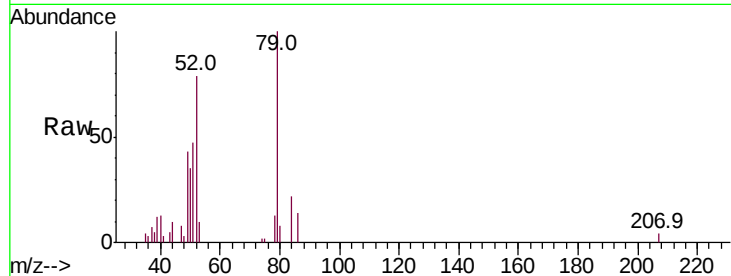
Tot Ion: 79 Resp: 42856

Ion Ratio Lower Upper

79 100

52 78.6 59.8 89.6

51 47.0 29.8 44.8#



#4

n-Nitrosodimethylamine

Concen: 1.966 ng

RT: 3.63 min Scan# 220

Delta R.T. -0.01 min

Lab File: BF108033.D

Acq: 8 Aug 2018 21:31

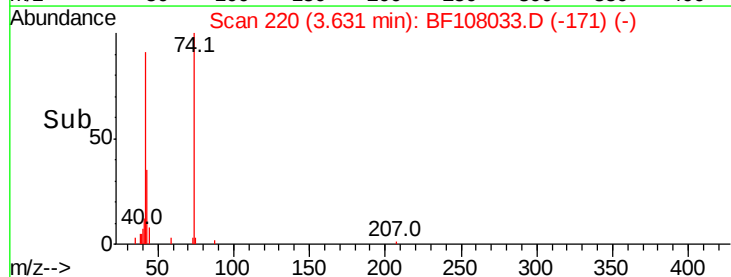
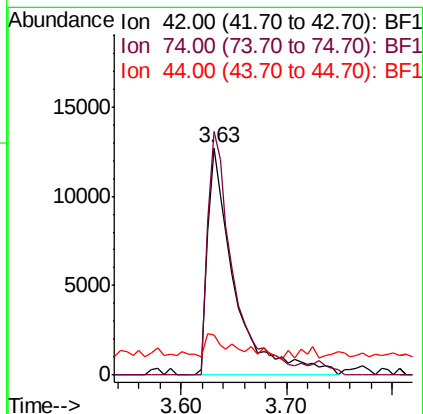
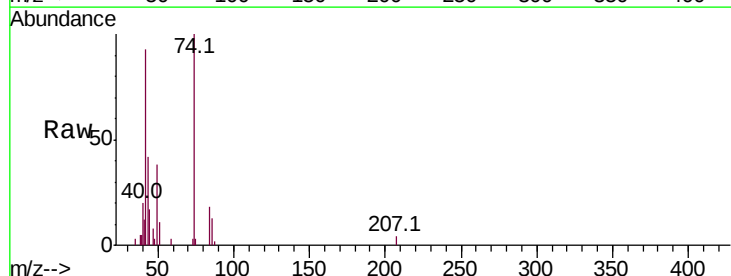
Tgt Ion: 42 Resp: 22614

Ion Ratio Lower Upper

42 100

74 107.0 104.9 157.3

44 17.9 6.9 10.3#





#5

2-Fluorophenol

Concen: 126.802 ng

RT: 5.64 min Scan# 561

Delta R.T. 0.01 min

Lab File: BF108033.D

Acq: 8 Aug 2018 21:31

Instrument :

BNA_F

ClientSampleId :

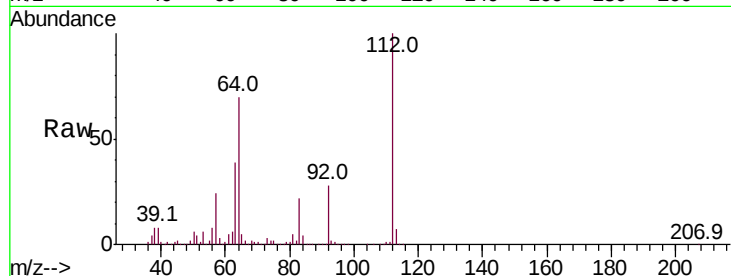
Tot Ion:112 Resp: 1958576

Ion Ratio Lower Upper

112 100

64 69.7 47.9 71.9

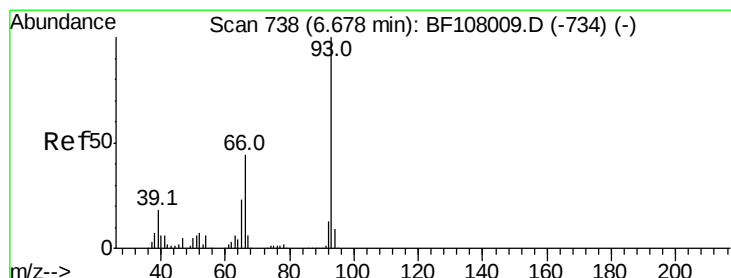
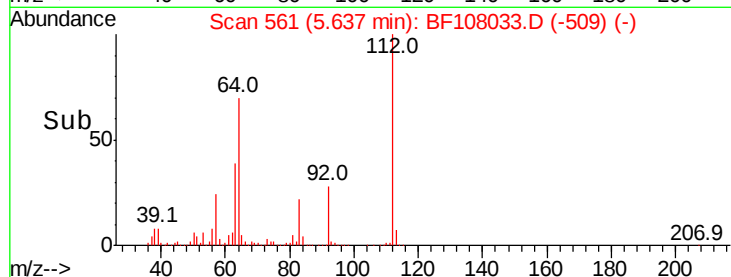
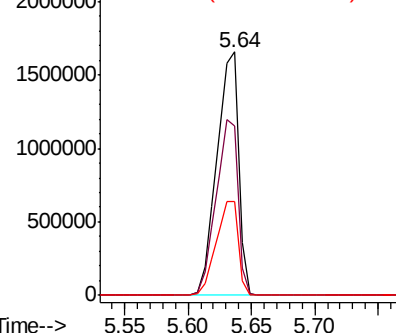
63 38.6 23.7 35.5#



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 1.316 ng

RT: 6.68 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF108033.D

Acq: 8 Aug 2018 21:31

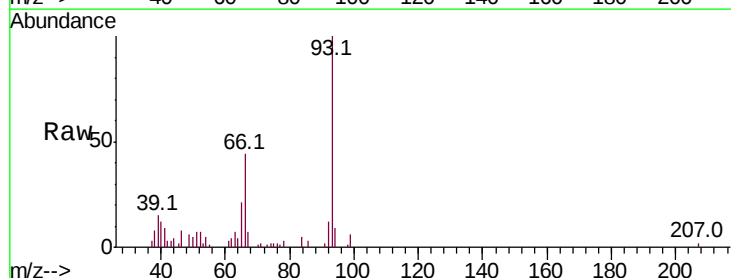
Tgt Ion: 93 Resp: 36738

Ion Ratio Lower Upper

93 100

66 43.7 32.2 48.2

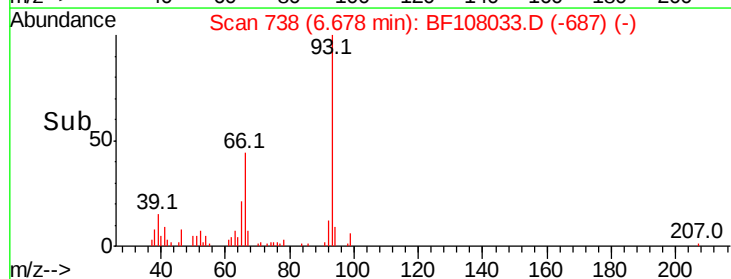
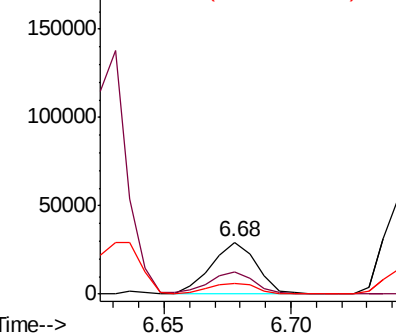
65 21.2 16.4 24.6

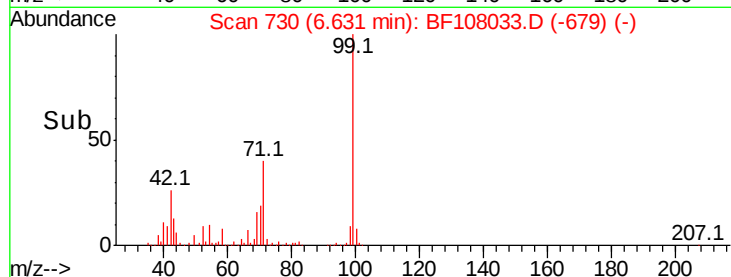
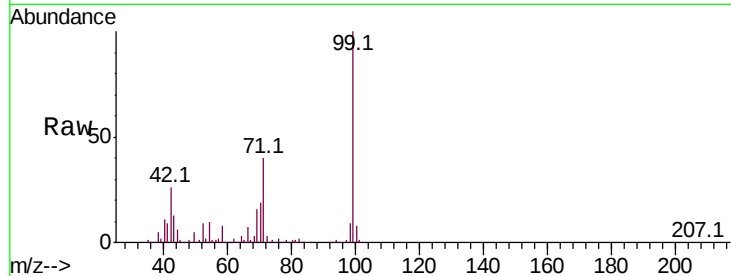
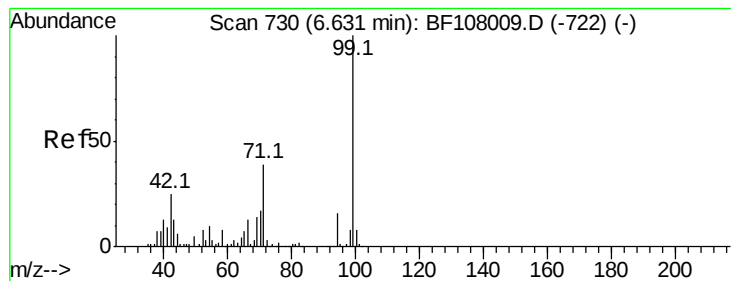


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 127.157 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF108033.D

Acq: 8 Aug 2018 21:31

Instrument :

BNA_F

ClientSampled :

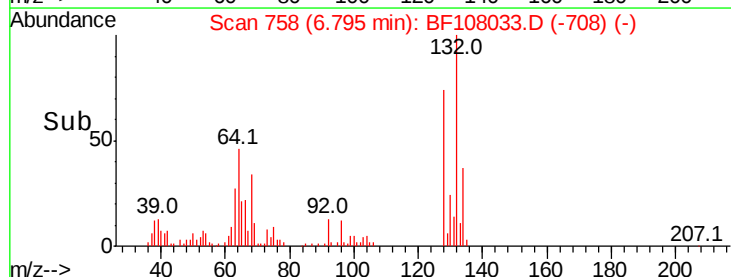
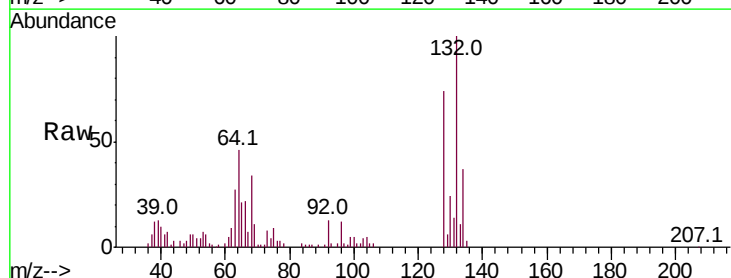
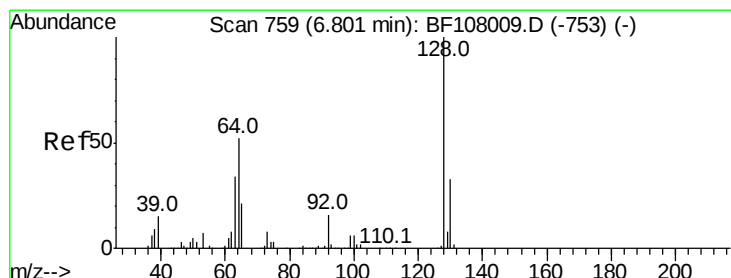
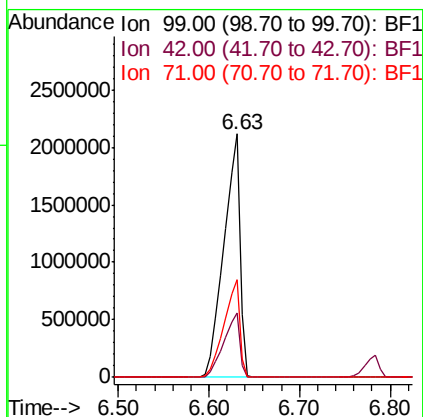
Tot Ion: 99 Resp: 2609966

Ion Ratio Lower Upper

99 100

42 26.5 14.5 21.7#

71 40.4 25.4 38.0#



#8

2-Chlorophenol

Concen: 2.263 ng

RT: 6.80 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF108033.D

Acq: 8 Aug 2018 21:31

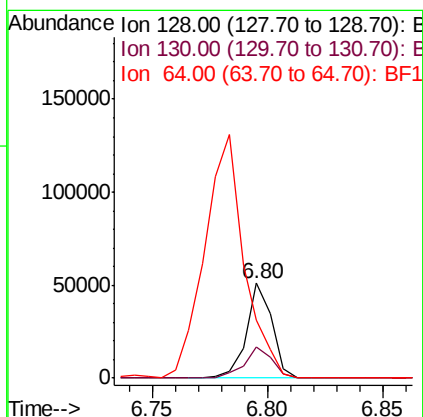
Tgt Ion:128 Resp: 39361

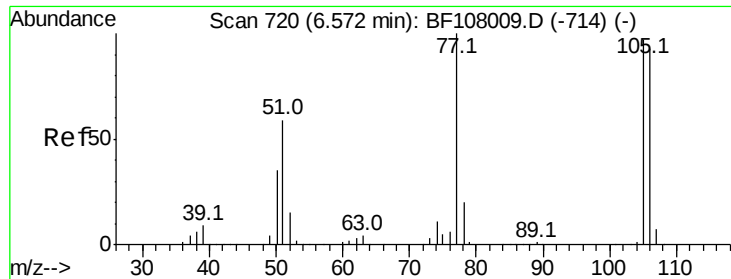
Ion Ratio Lower Upper

128 100

130 32.8 13.0 53.0

64 61.6 29.4 69.4





#9

Benzaldehyde

Concen: 2.001 ng

RT: 6.57 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF108033.D

Acq: 8 Aug 2018 21:31

Instrument :

BNA_F

ClientSampled :

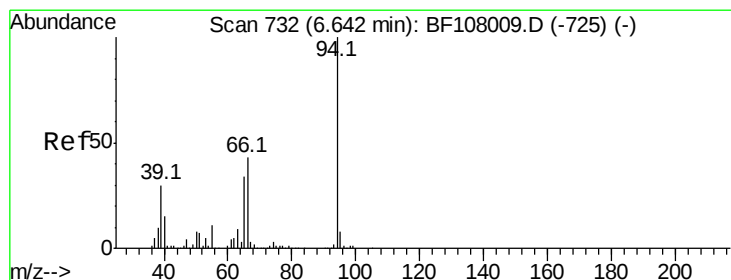
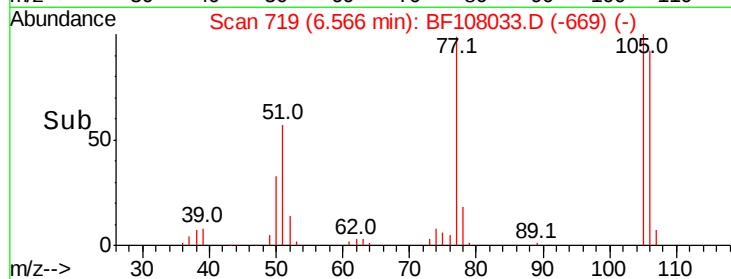
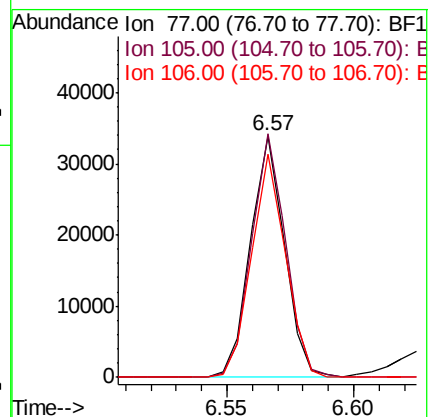
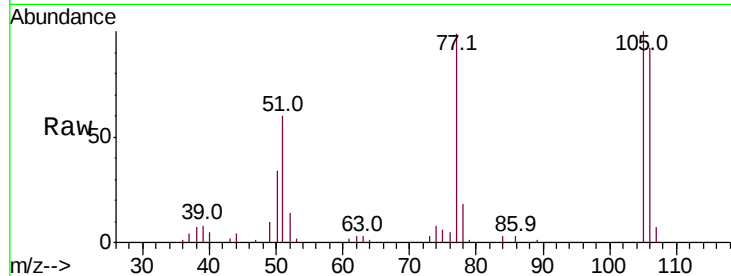
Tot Ion: 77 Resp: 31842

Ion Ratio Lower Upper

77 100

105 100.9 81.1 121.1

106 92.4 74.5 114.5



#10

Phenol

Concen: 2.243 ng

RT: 6.64 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF108033.D

Acq: 8 Aug 2018 21:31

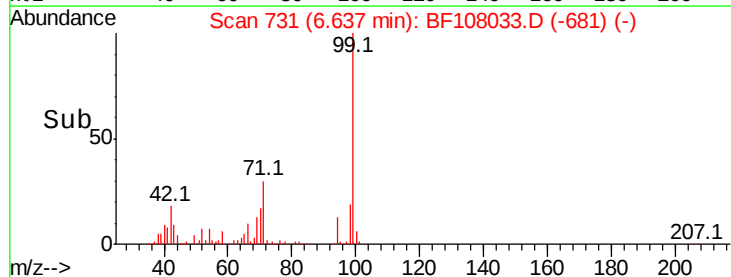
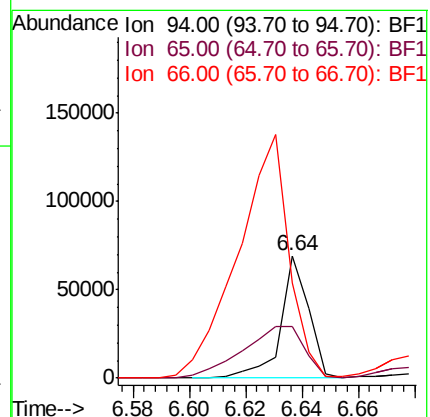
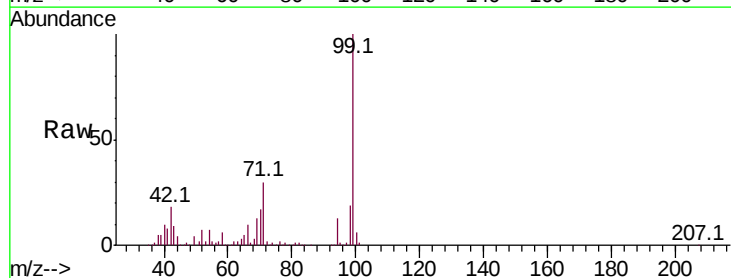
Tgt Ion: 94 Resp: 47620

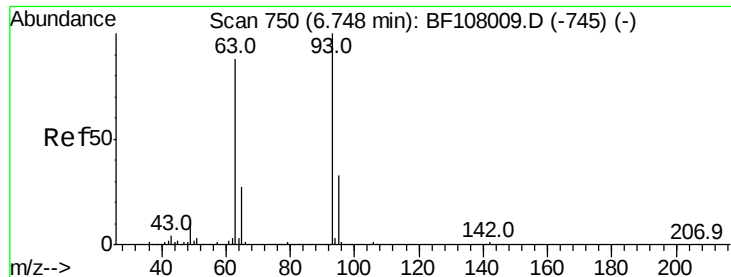
Ion Ratio Lower Upper

94 100

65 41.9 7.9 47.9

66 78.2 16.2 56.2#

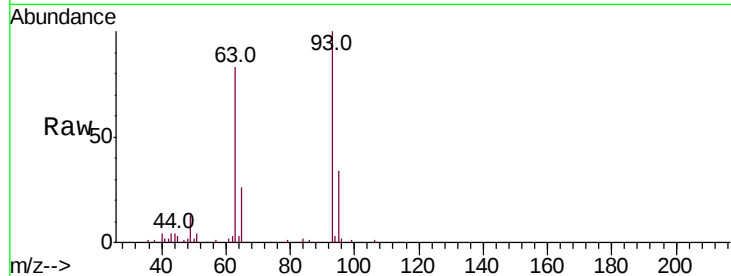




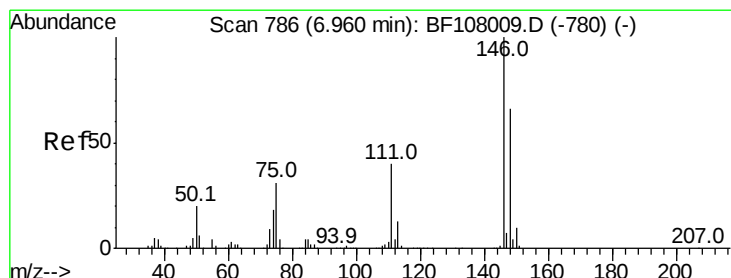
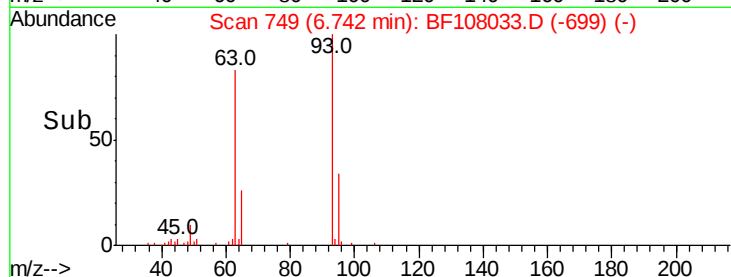
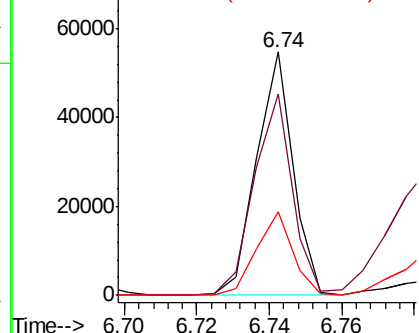
#11
bis(2-Chloroethyl)ether
Concen: 2.235 ng
RT: 6.74 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF108033.D
Acq: 8 Aug 2018 21:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 38364
Ion Ratio Lower Upper
93 100
63 82.6 58.6 98.6
95 34.2 11.8 51.8

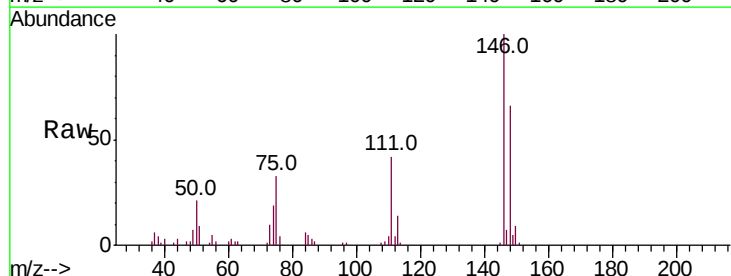


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

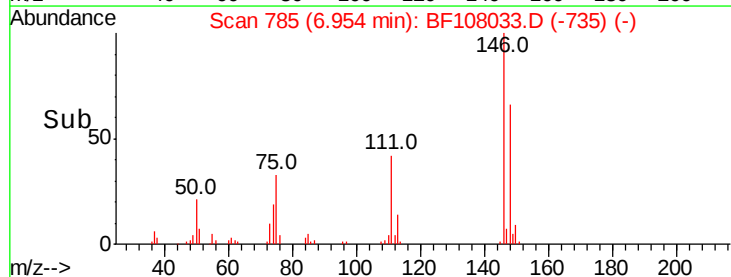
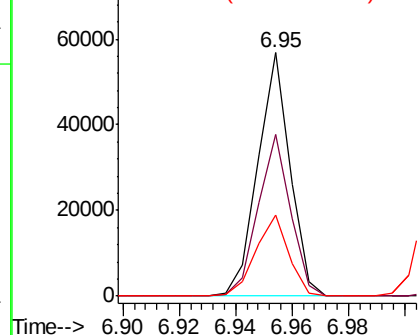


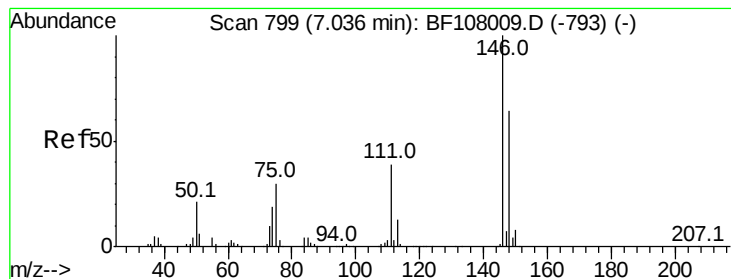
#12
1,3-Dichlorobenzene
Concen: 2.230 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF108033.D
Acq: 8 Aug 2018 21:31

Tgt Ion: 146 Resp: 44851
Ion Ratio Lower Upper
146 100
148 66.4 51.8 77.8
75 33.5 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: 2.283 ng

RT: 7.03 min Scan# 798

Delta R.T. -0.01 min

Lab File: BF108033.D

Acq: 8 Aug 2018 21:31

Instrument :

BNA_F

ClientSampleId :

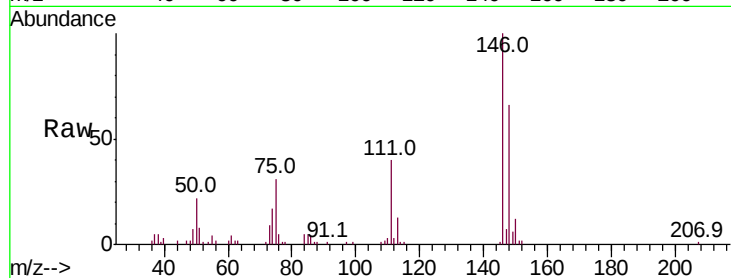
Tot Ion:146 Resp: 46136

Ion Ratio Lower Upper

146 100

148 65.6 50.8 76.2

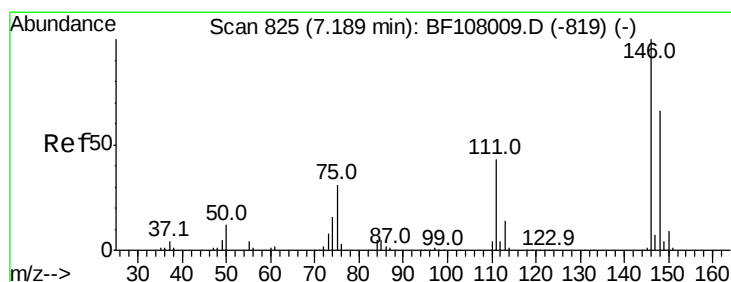
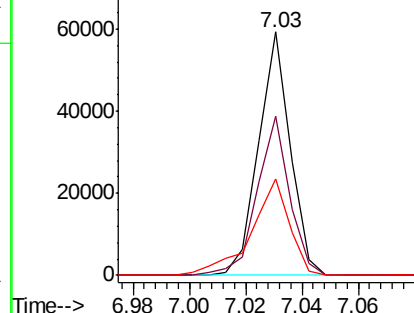
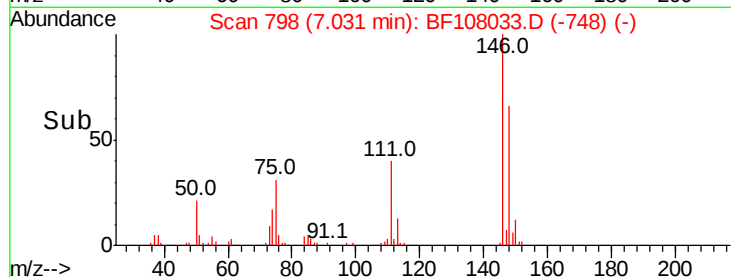
111 39.8 34.2 51.2



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: 2.241 ng

RT: 7.18 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF108033.D

Acq: 8 Aug 2018 21:31

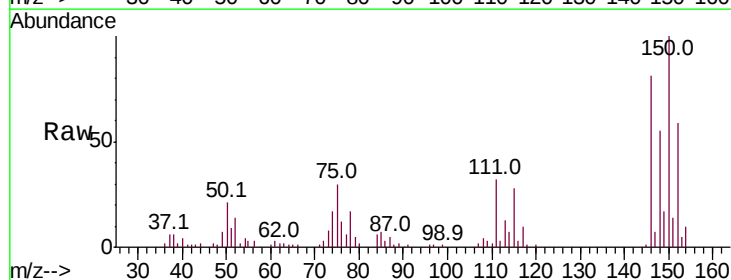
Tgt Ion:146 Resp: 42122

Ion Ratio Lower Upper

146 100

148 68.0 50.6 75.8

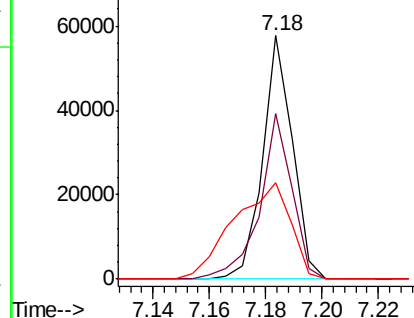
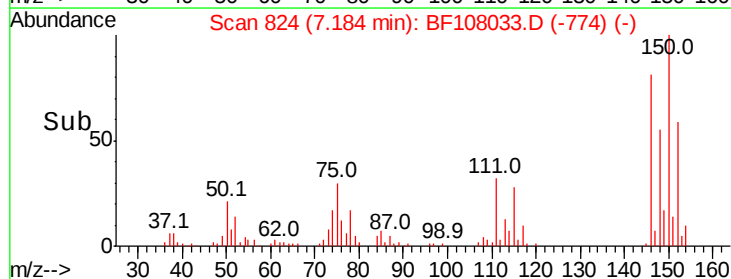
111 39.8 36.0 54.0



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: 1.394 ng

RT: 7.14 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF108033.D

Acq: 8 Aug 2018 21:31

Instrument :

BNA_F

ClientSampleId :

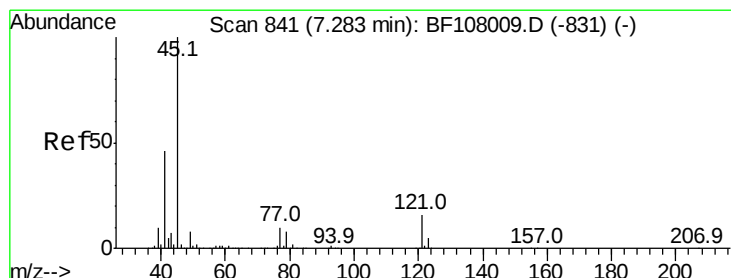
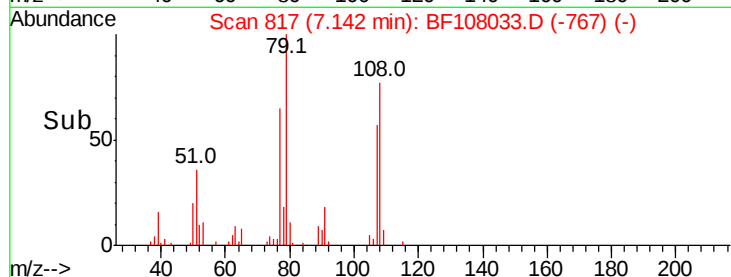
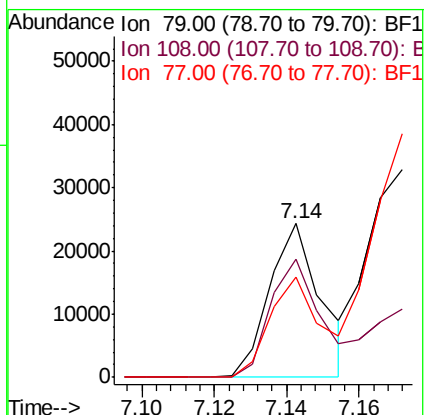
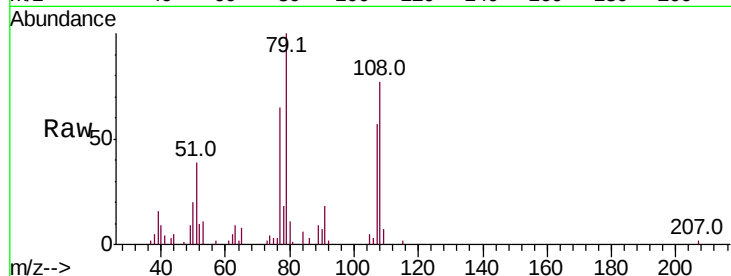
Tot Ion: 79 Resp: 24083

Ion Ratio Lower Upper

79 100

108 76.6 65.1 97.7

77 65.0 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 2.243 ng

RT: 7.28 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF108033.D

Acq: 8 Aug 2018 21:31

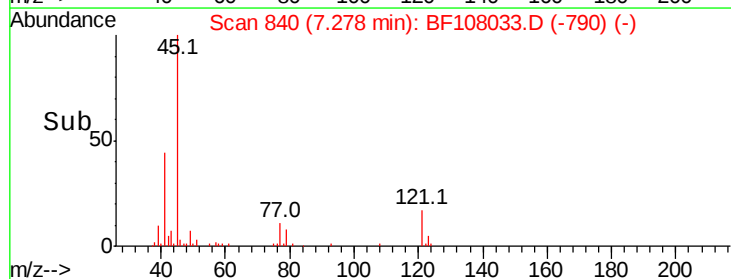
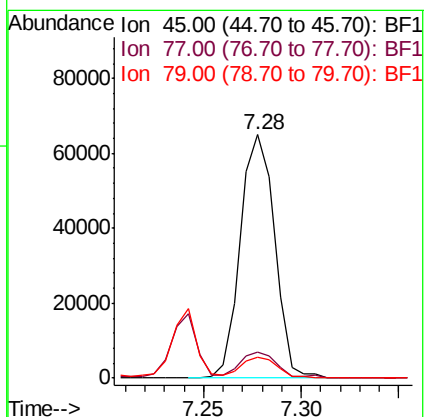
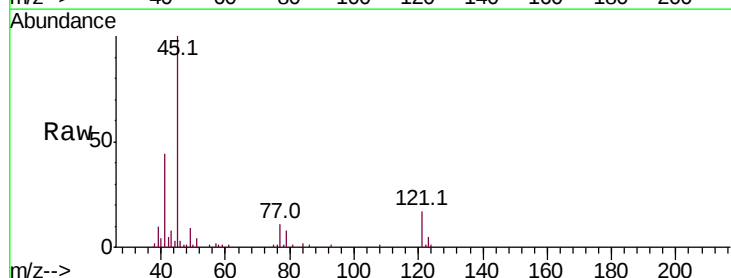
Tgt Ion: 45 Resp: 79326

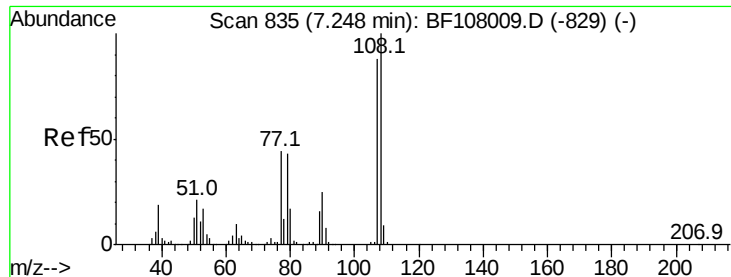
Ion Ratio Lower Upper

45 100

77 10.9 0.0 32.9

79 8.5 0.0 29.6





#17

2-Methylphenol

Concen: 2.166 ng

RT: 7.24 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF108033.D

Acq: 8 Aug 2018 21:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 32308

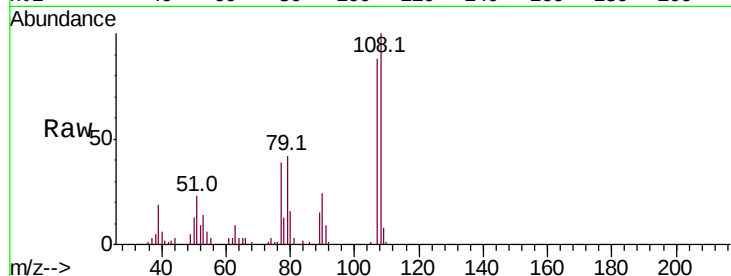
Ion Ratio Lower Upper

107 100

108 113.2 91.7 137.5

77 44.0 33.8 50.8

79 47.3 33.8 50.8

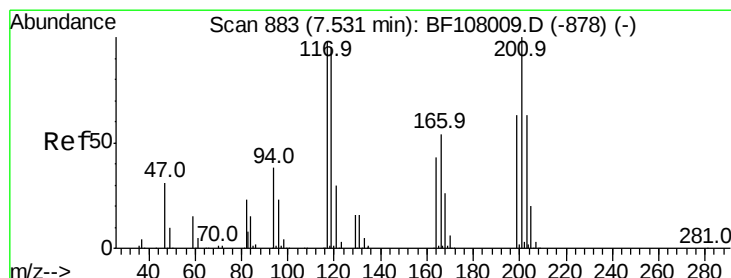
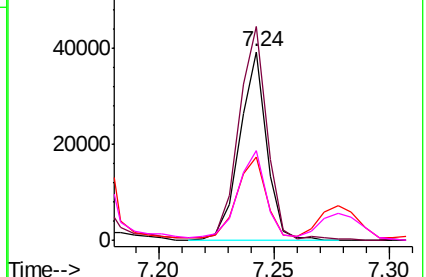
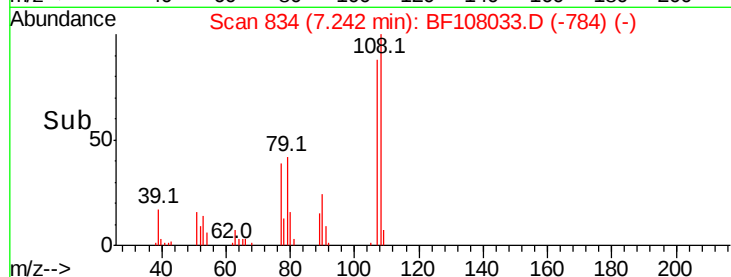


Abundance Ion 107.00 (106.70 to 107.70): E

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: 2.203 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF108033.D

Acq: 8 Aug 2018 21:31

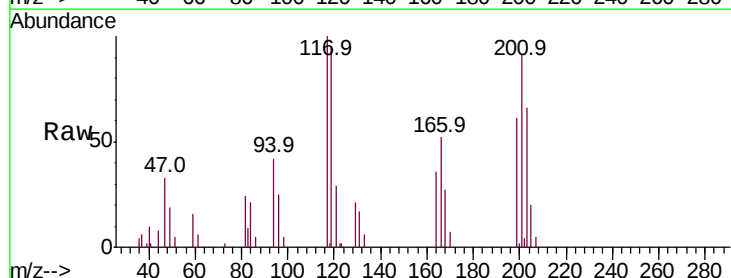
Tgt Ion:117 Resp: 15851

Ion Ratio Lower Upper

117 100

119 95.0 75.8 113.8

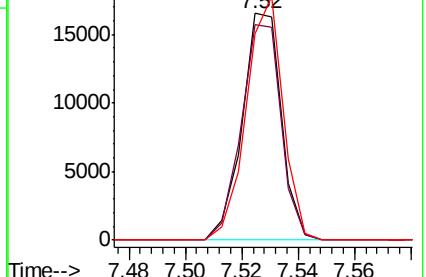
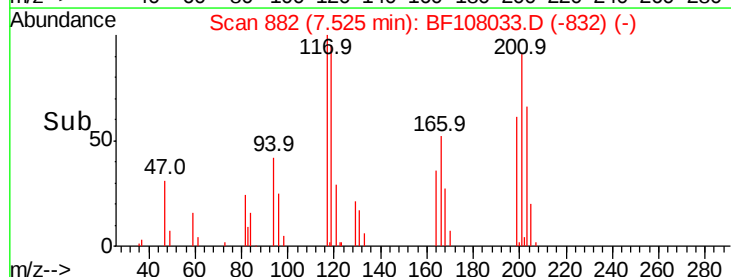
201 91.2 75.7 113.5

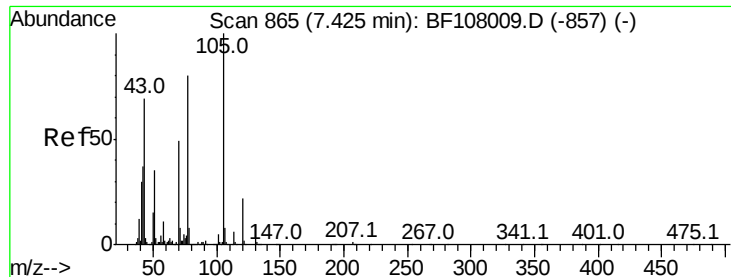


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 2.187 ng

RT: 7.41 min Scan# 862

Delta R.T. -0.02 min

Lab File: BF108033.D

Acq: 8 Aug 2018 21:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 30352

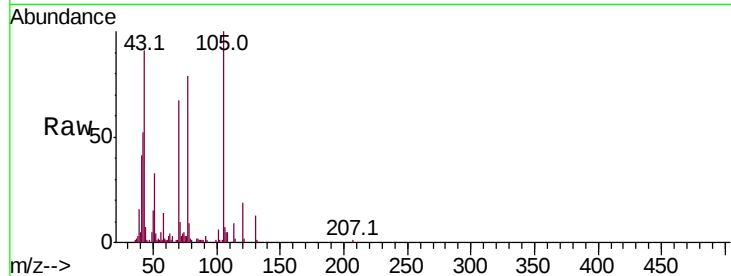
Ion Ratio Lower Upper

70 100

42 77.7 47.5 71.3#

101 9.6 7.4 11.2

130 19.5 16.6 25.0

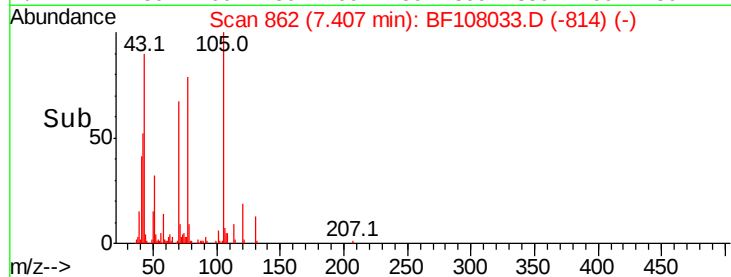
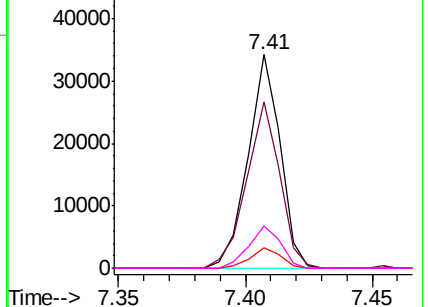


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 2.248 ng

RT: 7.40 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF108033.D

Acq: 8 Aug 2018 21:31

Tgt Ion: 107 Resp: 42974

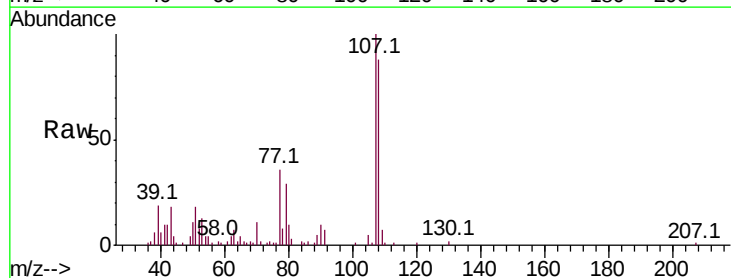
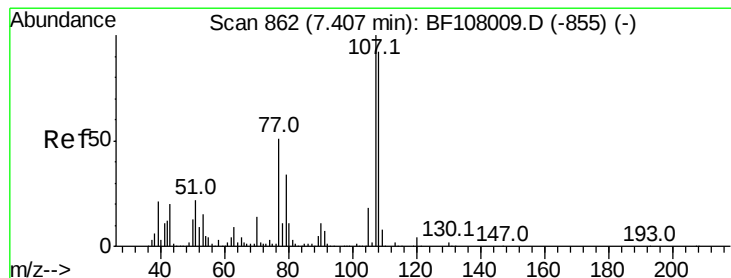
Ion Ratio Lower Upper

107 100

108 88.4 68.2 108.2

77 36.2 26.7 66.7

79 28.9 6.3 46.3

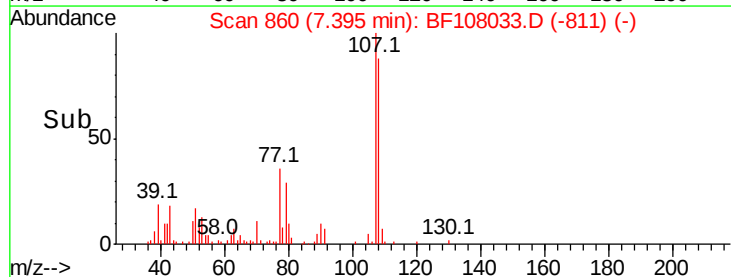
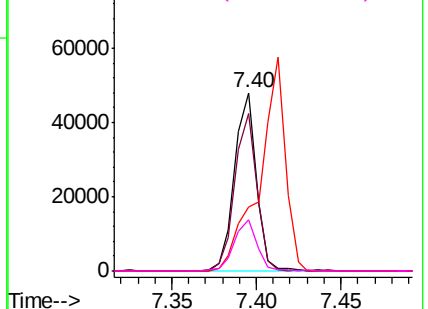


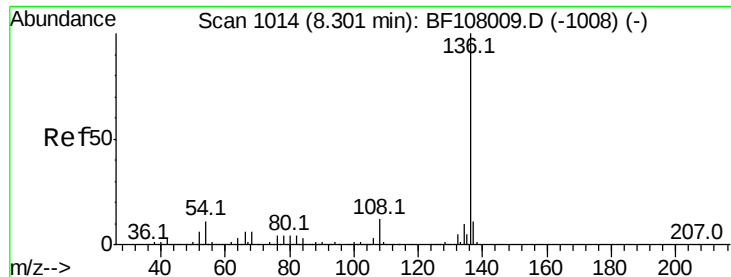
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

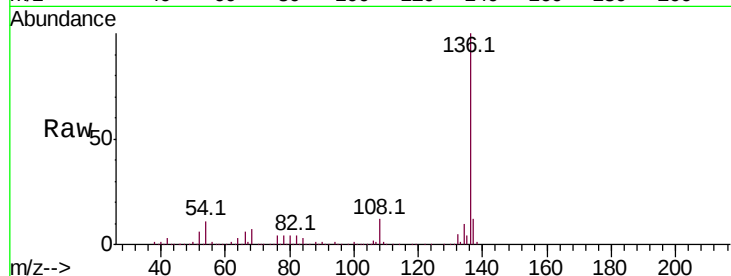




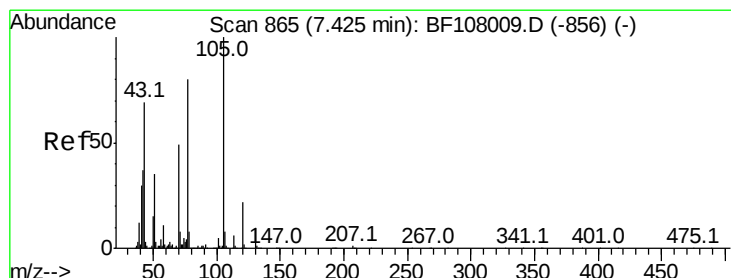
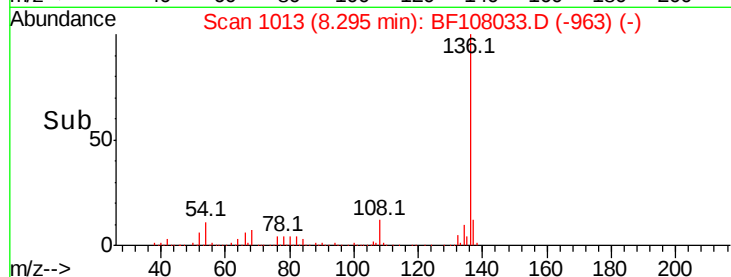
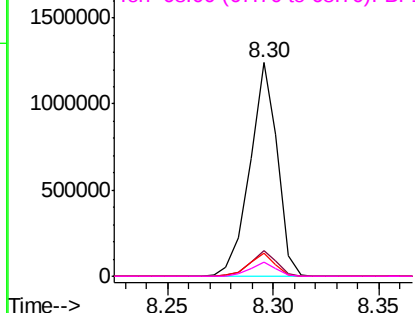
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF108033.D
Acq: 8 Aug 2018 21:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 1112961
Ion Ratio	Lower Upper
136 100	
137 11.7	8.9 13.3
54 11.1	6.6 9.8#
68 6.5	5.0 7.4

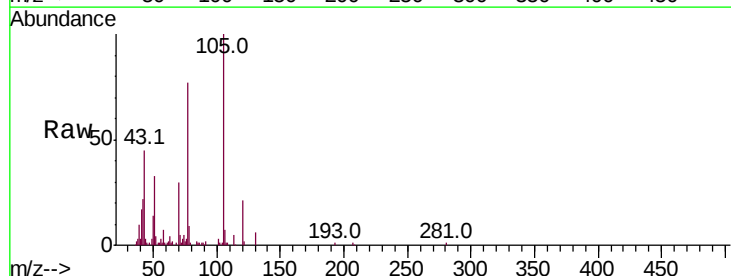


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

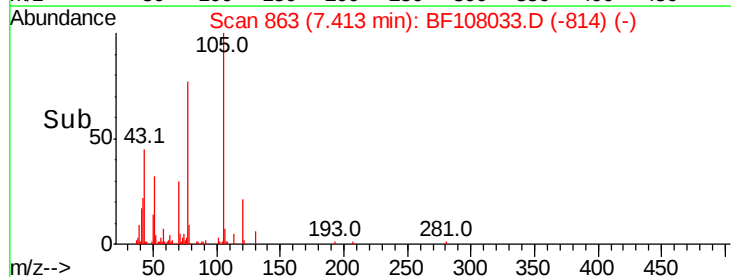
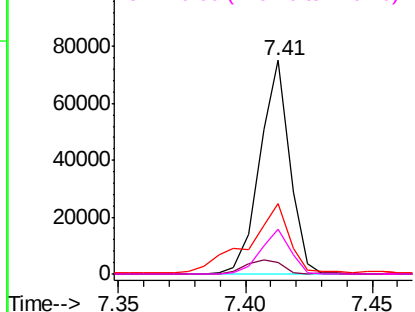


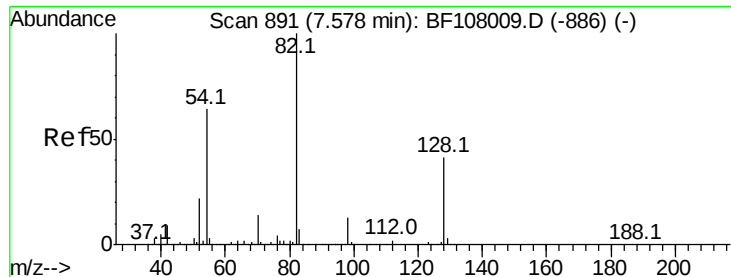
#22
Acetophenone
Concen: 2.378 ng
RT: 7.41 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF108033.D
Acq: 8 Aug 2018 21:31

Tgt Ion:105	Resp: 61880
Ion Ratio	Lower Upper
105 100	
71 5.4	4.4 6.6
51 33.3	22.3 33.5
120 20.8	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: 86.760 ng

RT: 7.58 min Scan# 891

Delta R.T. 0.00 min

Lab File: BF108033.D

Acq: 8 Aug 2018 21:31

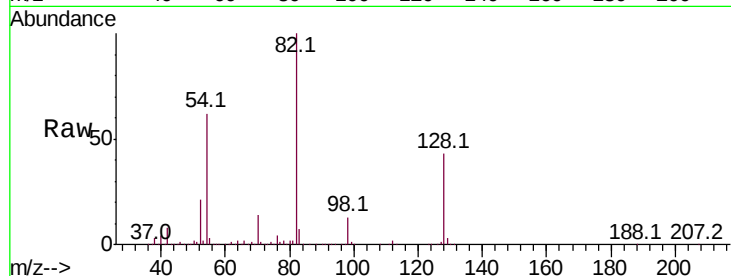
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 82 Resp: 1730437

Ion	Ratio	Lower	Upper
82	100		
128	42.8	36.1	54.1
54	61.9	41.4	62.2

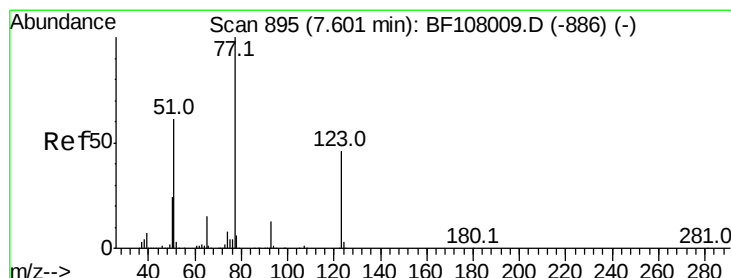
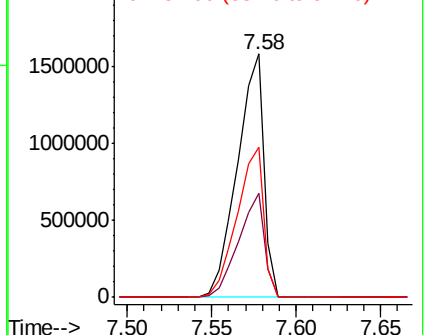
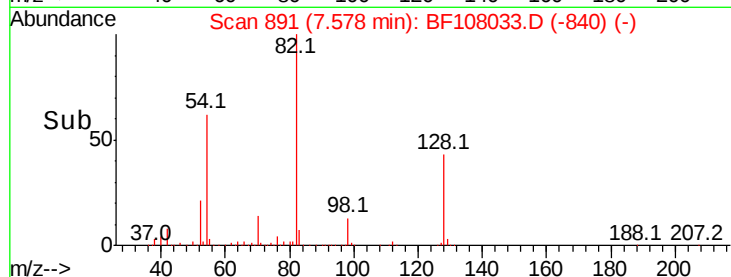


Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 2.483 ng

RT: 7.59 min Scan# 893

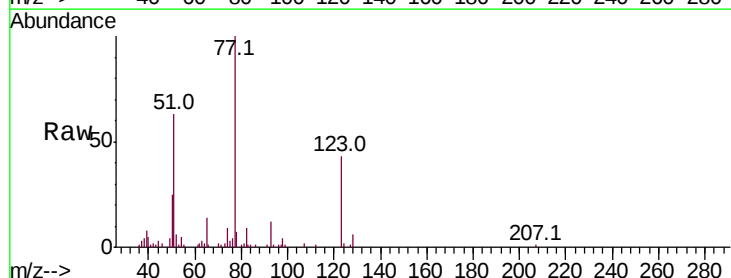
Delta R.T. -0.01 min

Lab File: BF108033.D

Acq: 8 Aug 2018 21:31

Tgt Ion: 77 Resp: 50069

Ion	Ratio	Lower	Upper
77	100		
123	43.2	37.9	56.9
65	14.2	11.0	16.4

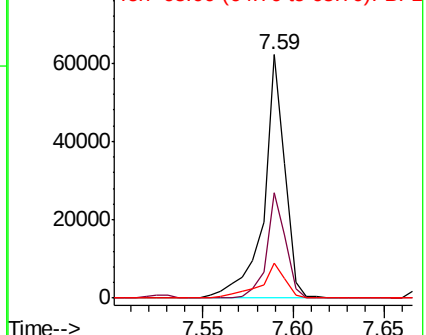
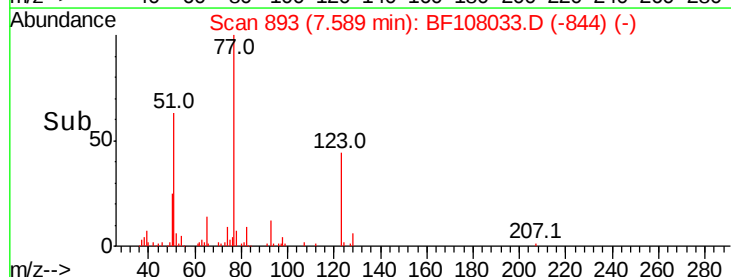


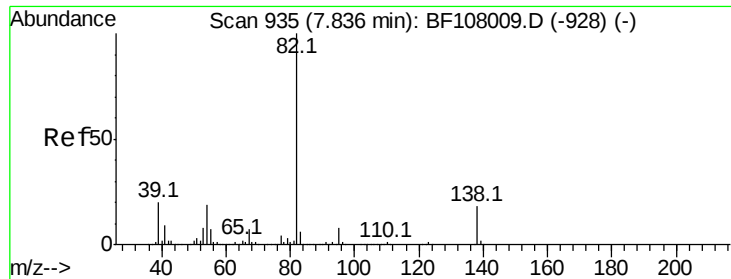
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 2.100 ng

RT: 7.82 min Scan# 932

Delta R.T. -0.02 min

Lab File: BF108033.D

Acq: 8 Aug 2018 21:31

Instrument :

BNA_F

ClientSampleId :

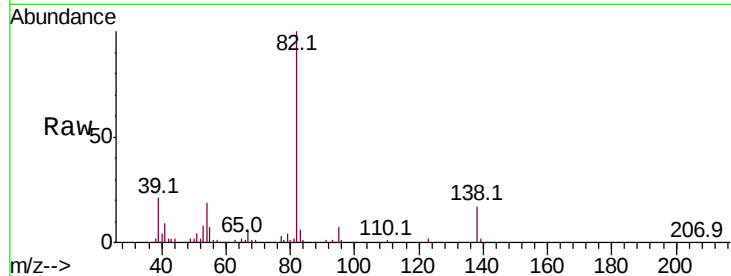
Tot Ion: 82 Resp: 79819

Ion Ratio Lower Upper

82 100

95 7.3 5.2 7.8

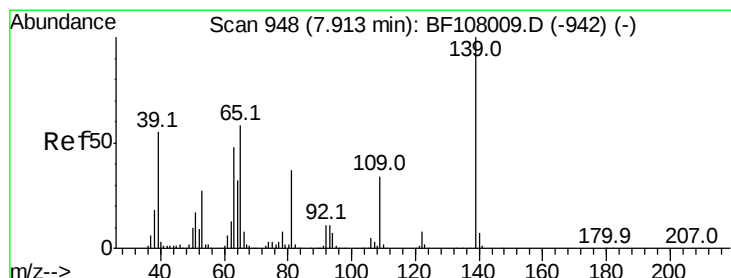
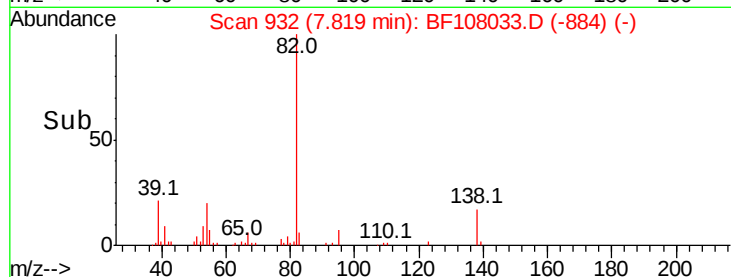
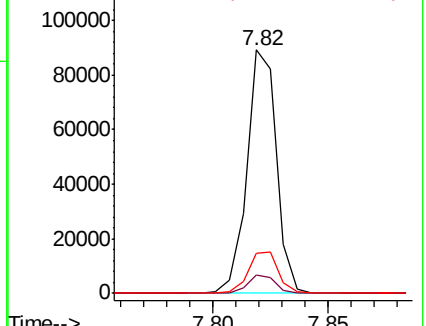
138 16.6 14.9 22.3



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: 1.587 ng

RT: 7.91 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF108033.D

Acq: 8 Aug 2018 21:31

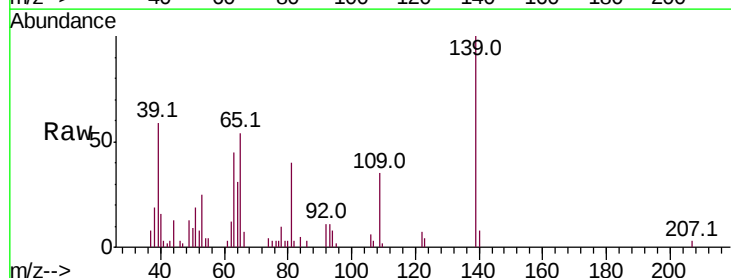
Tgt Ion: 139 Resp: 12086

Ion Ratio Lower Upper

139 100

109 35.2 22.7 34.1#

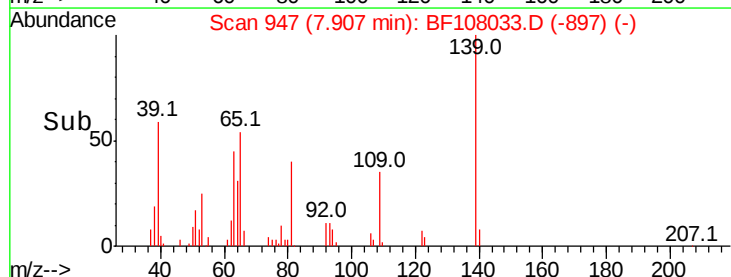
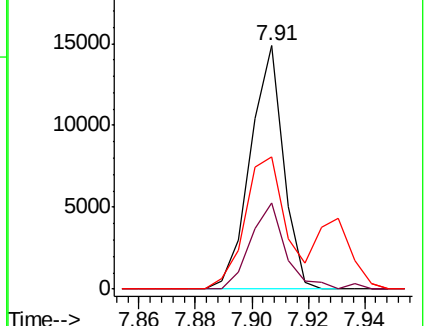
65 54.4 40.5 60.7

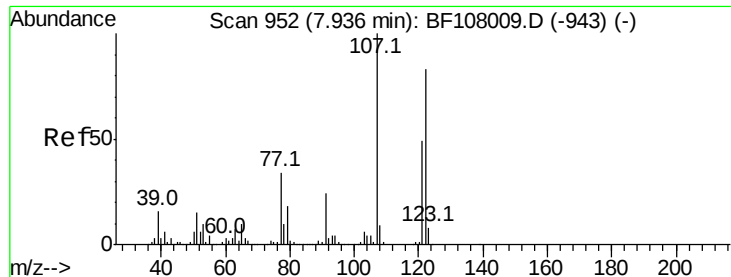


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

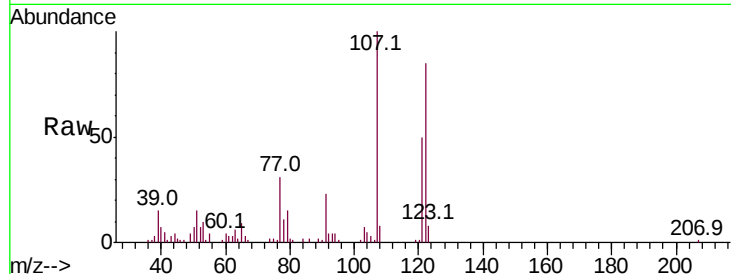




#27
 2,4-Dimethylphenol
 Concen: 2.192 ng
 RT: 7.93 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF108033.D
 Acq: 8 Aug 2018 21:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	118.3	91.2	136.8
121	59.2	47.2	70.8

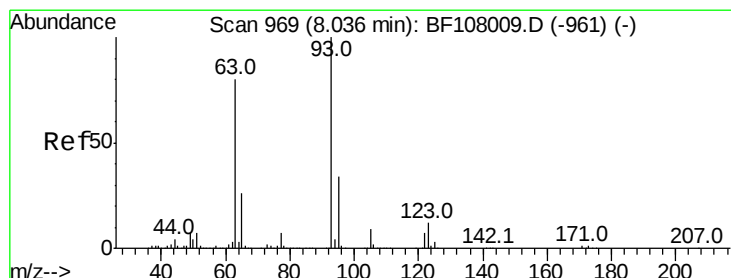
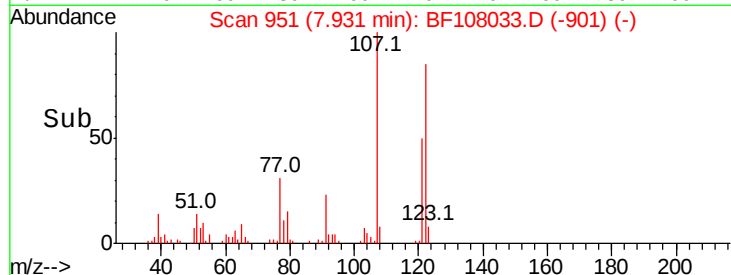
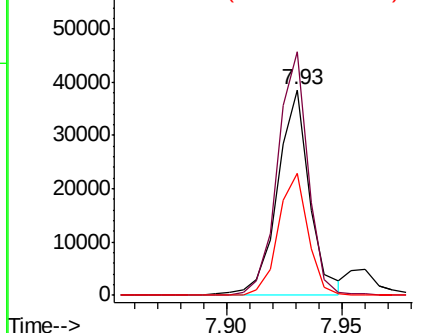


Abundance

Ion 122.00 (121.70 to 122.70): E

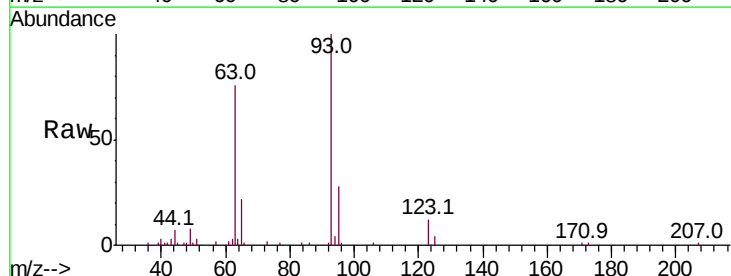
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 2.317 ng
 RT: 8.03 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BF108033.D
 Acq: 8 Aug 2018 21:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	28.1	26.3	39.5
123	11.7	9.8	14.6

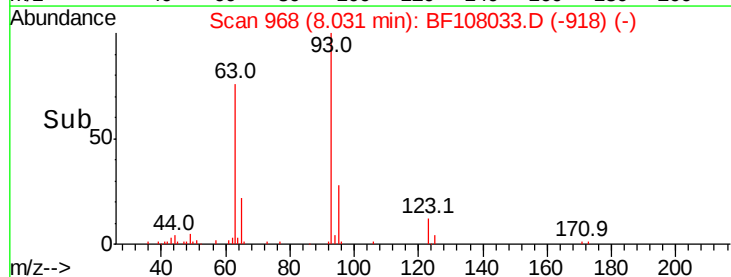
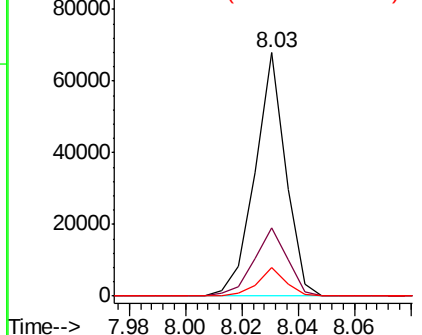


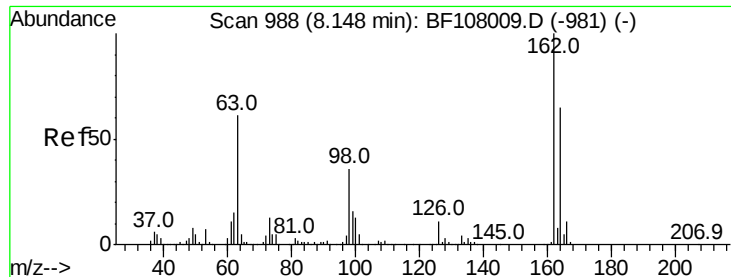
Abundance

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

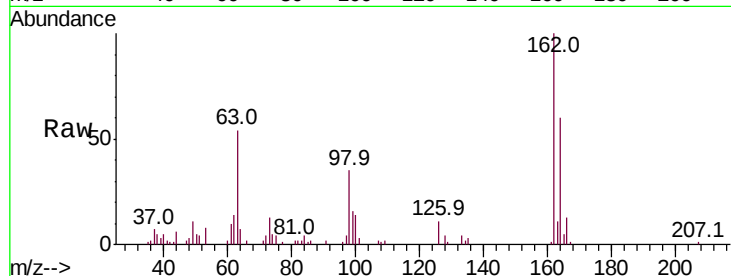




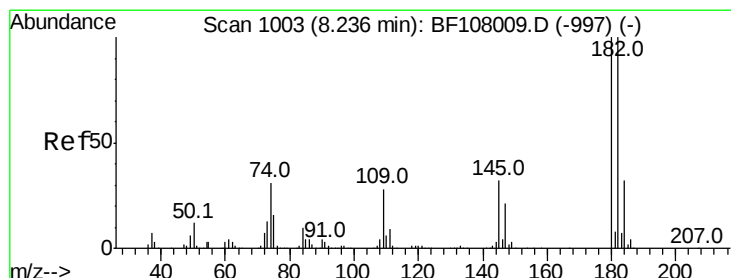
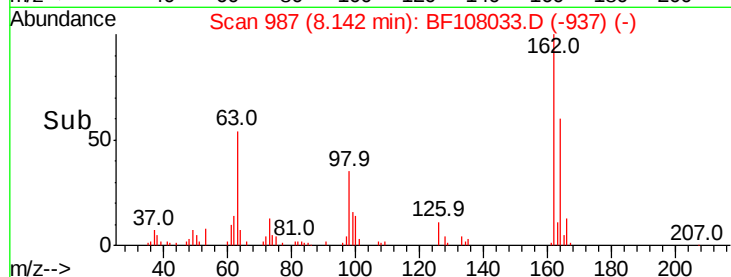
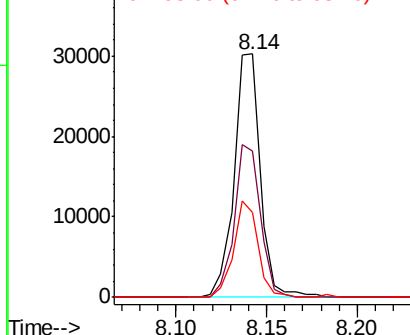
#29
2,4-Dichlorophenol
Concen: 1.964 ng
RT: 8.14 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF108033.D
Acq: 8 Aug 2018 21:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 30488
Ion Ratio Lower Upper
162 100
164 60.1 42.7 82.7
98 34.7 18.1 58.1

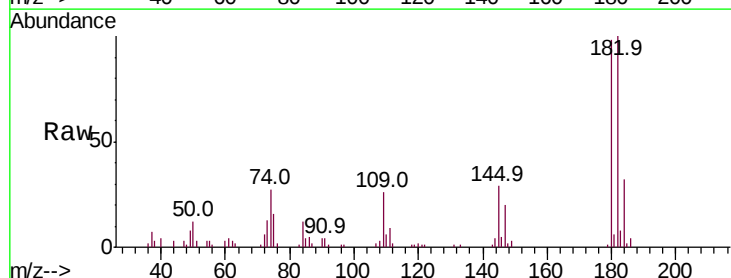


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

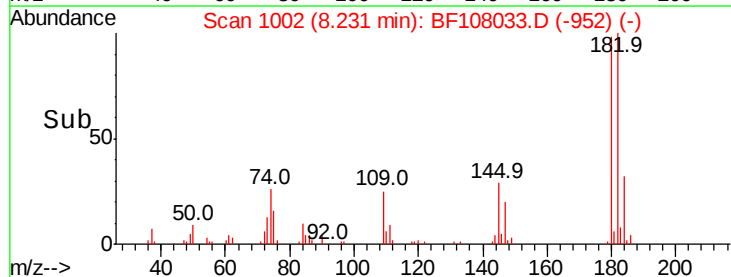
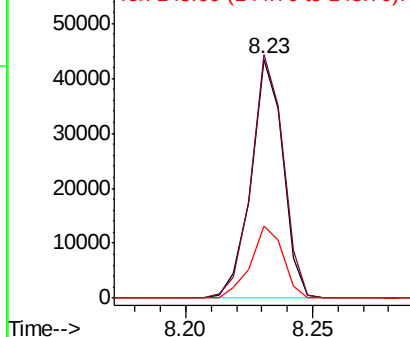


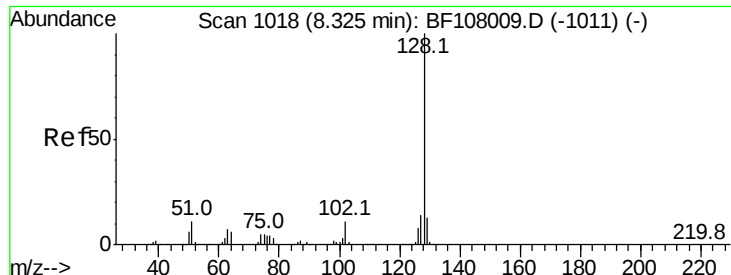
#30
1,2,4-Trichlorobenzene
Concen: 2.231 ng
RT: 8.23 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF108033.D
Acq: 8 Aug 2018 21:31

Tgt Ion:180 Resp: 38196
Ion Ratio Lower Upper
180 100
182 101.9 76.8 115.2
145 30.0 26.5 39.7



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

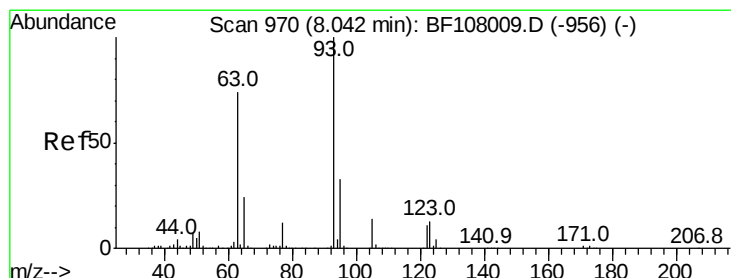
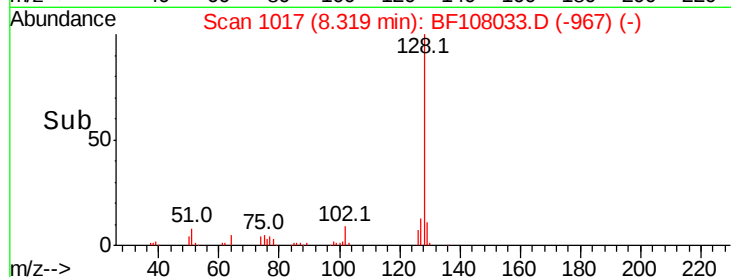
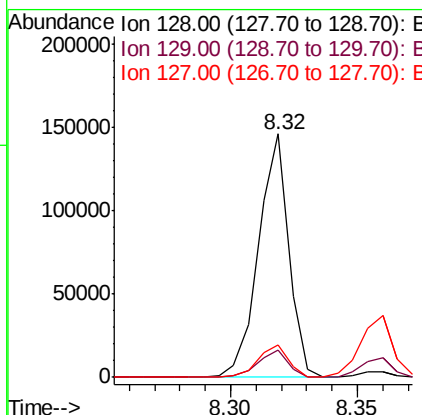
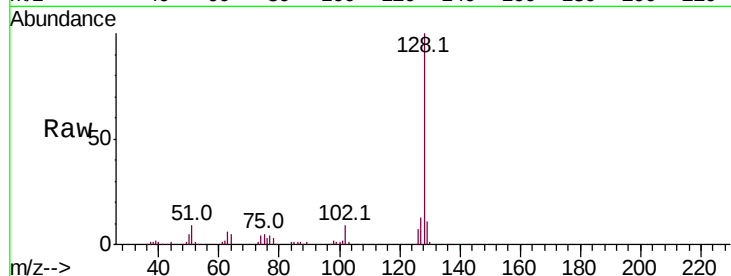




#31
Naphthalene
Concen: 2.405 ng
RT: 8.32 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF108033.D
Acq: 8 Aug 2018 21:31

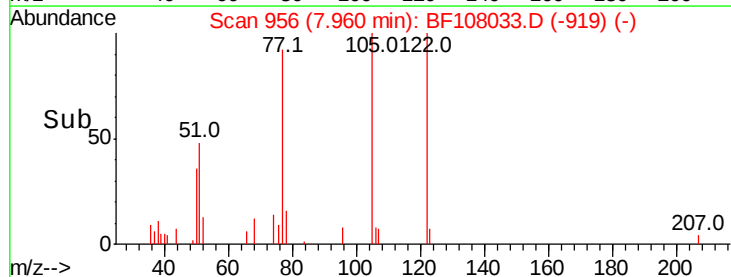
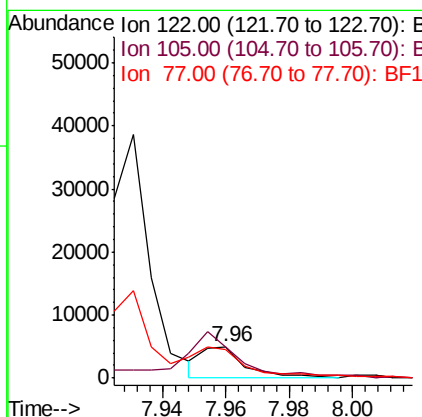
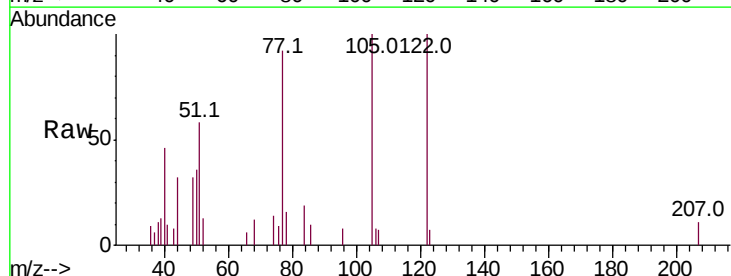
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.2	10.9	16.3



#32
Benzoic acid
Concen: 6.409 ng
RT: 7.96 min Scan# 956
Delta R.T. -0.08 min
Lab File: BF108033.D
Acq: 8 Aug 2018 21:31

Tgt Ion	Ratio	Lower	Upper
122	100		
105	99.9	101.1	141.1#
77	92.4	70.7	110.7

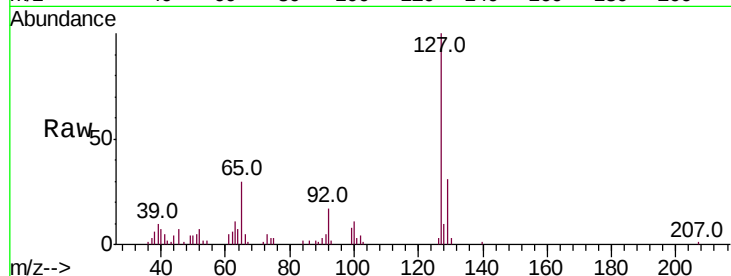




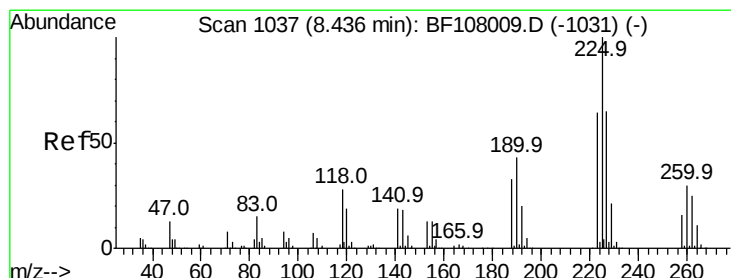
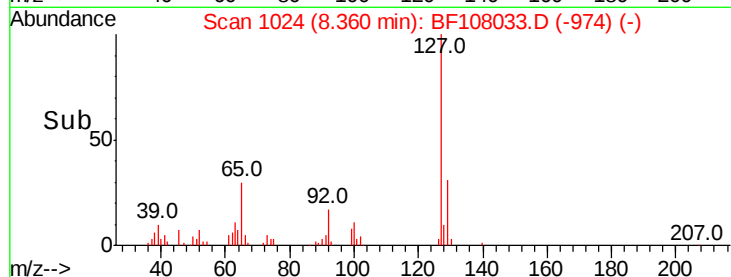
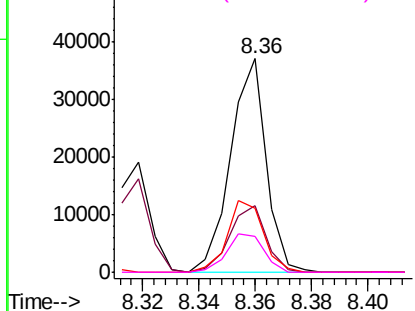
#33
4-Chloroaniline
Concen: 1.469 ng
RT: 8.36 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF108033.D
Acq: 8 Aug 2018 21:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	32401
Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.9	38.9
65	29.8	25.0	37.4
92	16.5	15.2	22.8

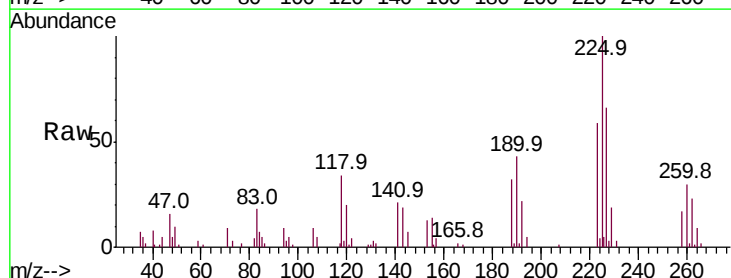


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

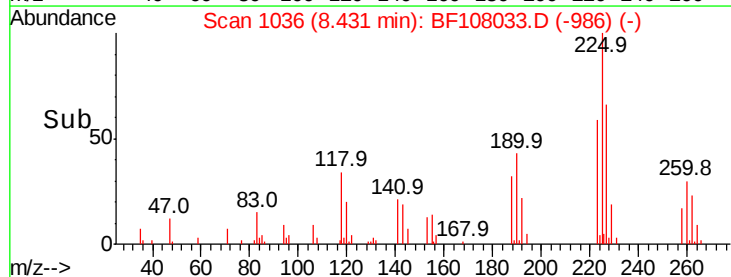
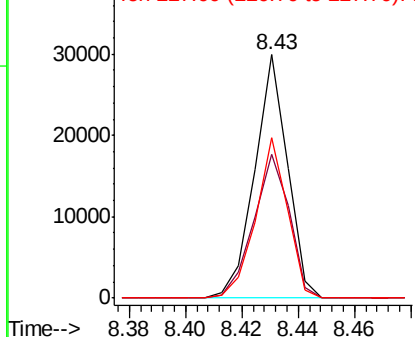


#34
Hexachlorobutadiene
Concen: 2.230 ng
RT: 8.43 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF108033.D
Acq: 8 Aug 2018 21:31

Tgt Ion:	225	Resp:	24165
Ion	Ratio	Lower	Upper
225	100		
223	59.0	50.6	76.0
227	65.7	51.9	77.9



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

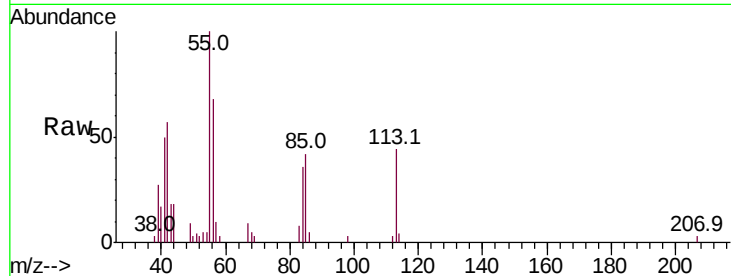




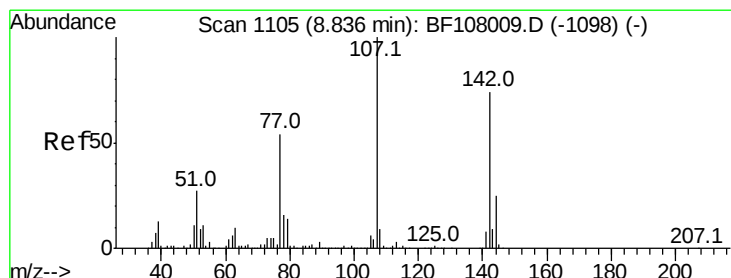
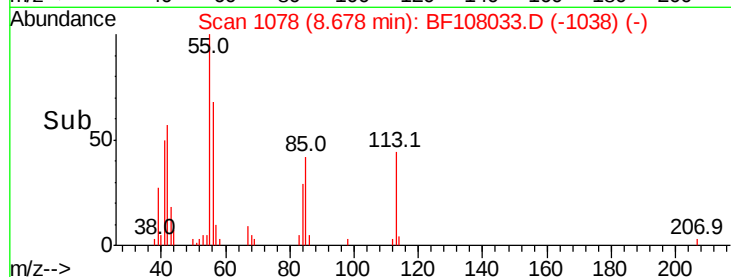
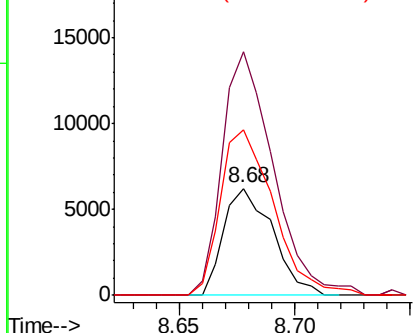
#35
 Caprolactam
 Concen: 1.889 ng
 RT: 8.68 min Scan# 1078
 Delta R.T. -0.06 min
 Lab File: BF108033.D
 Acq: 8 Aug 2018 21:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 9190
 Ion Ratio Lower Upper
 113 100
 55 227.7 163.3 203.3#
 56 155.2 115.7 155.7

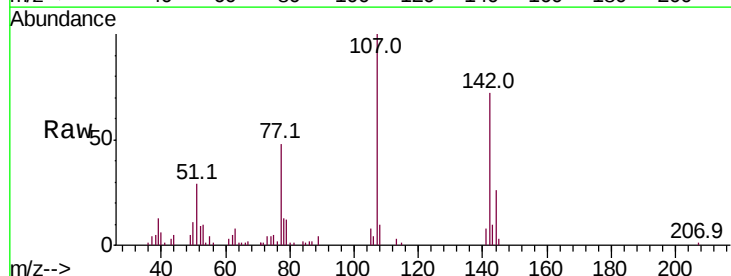


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

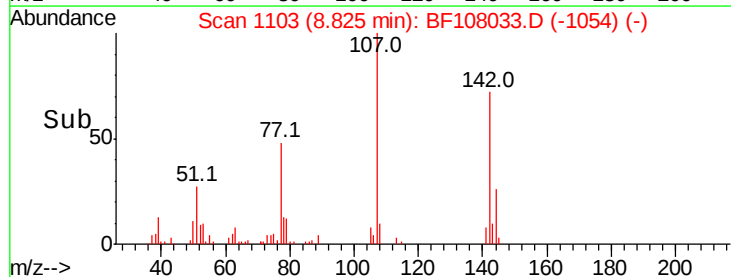
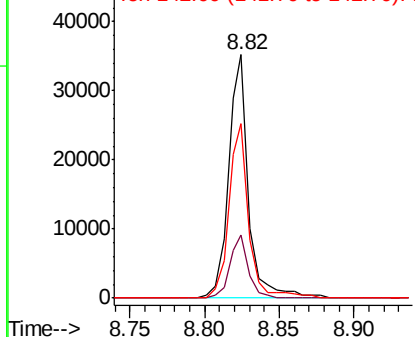


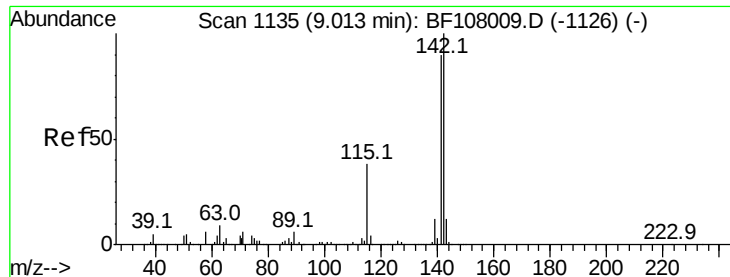
#36
 4-Chloro-3-methylphenol
 Concen: 1.983 ng
 RT: 8.82 min Scan# 1103
 Delta R.T. -0.01 min
 Lab File: BF108033.D
 Acq: 8 Aug 2018 21:31

Tgt Ion:107 Resp: 33211
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.5 30.7
 142 71.6 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: 2.414 ng

RT: 9.01 min Scan# 1134

Delta R.T. -0.01 min

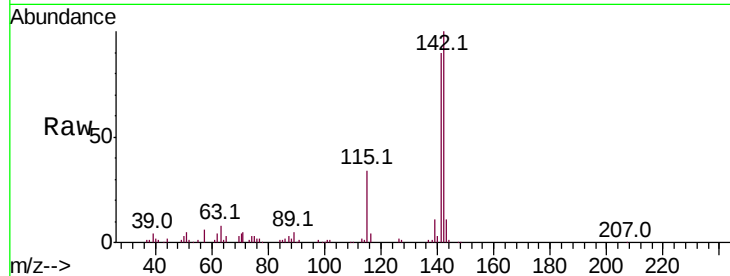
Lab File: BF108033.D

Acq: 8 Aug 2018 21:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 86454

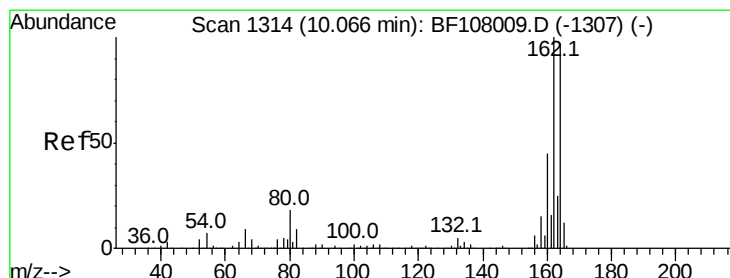
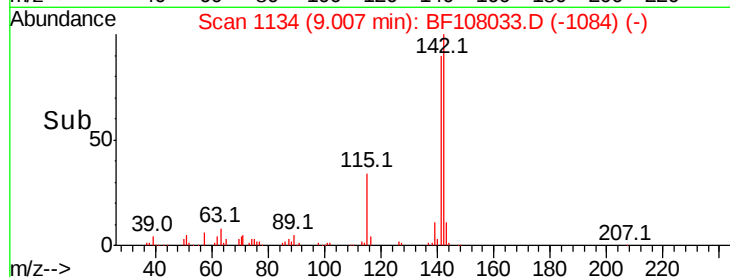
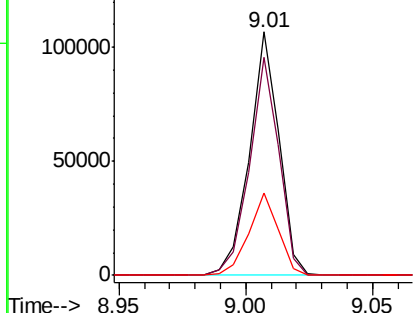
Ion	Ratio	Lower	Upper
142	100		
141	89.7	70.8	106.2
115	33.6	26.1	39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.06 min Scan# 1313

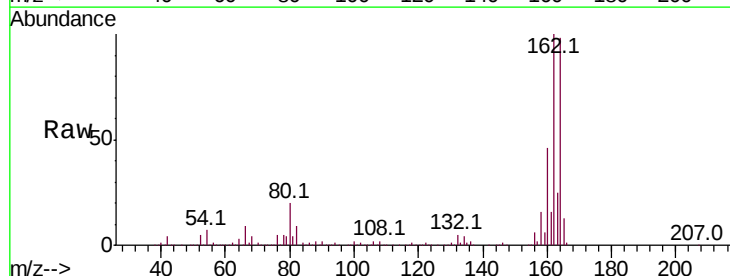
Delta R.T. -0.01 min

Lab File: BF108033.D

Acq: 8 Aug 2018 21:31

Tgt Ion:164 Resp: 604356

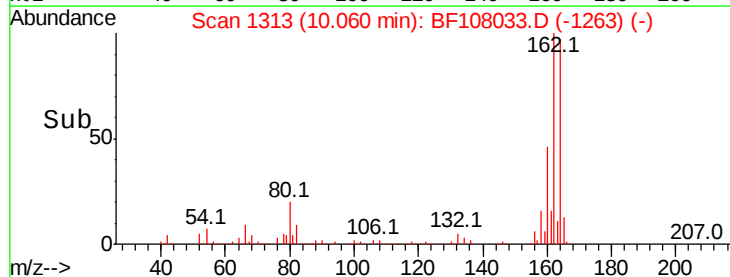
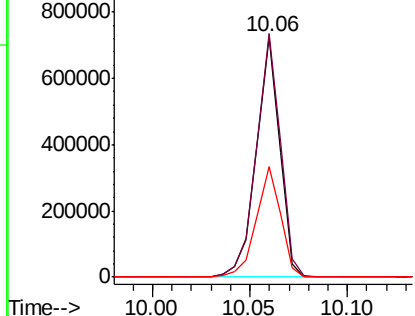
Ion	Ratio	Lower	Upper
164	100		
162	101.5	86.1	129.1
160	46.3	38.3	57.5

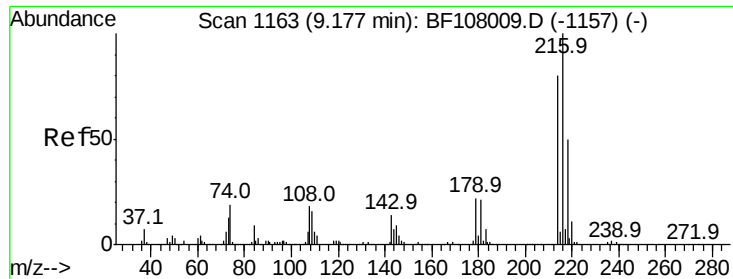


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

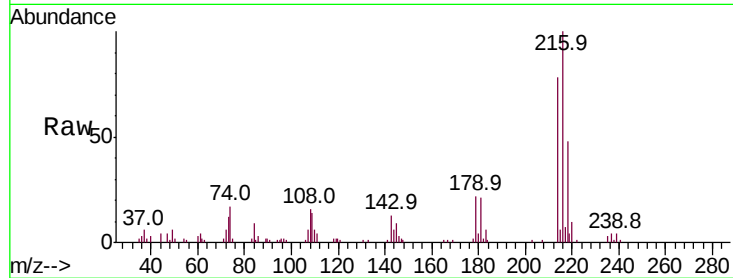




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 2.261 ng
 RT: 9.17 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BF108033.D
 Acq: 8 Aug 2018 21:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
216	100		
214	77.7	63.0	94.4
179	22.3	18.1	27.1
108	17.1	17.2	25.8



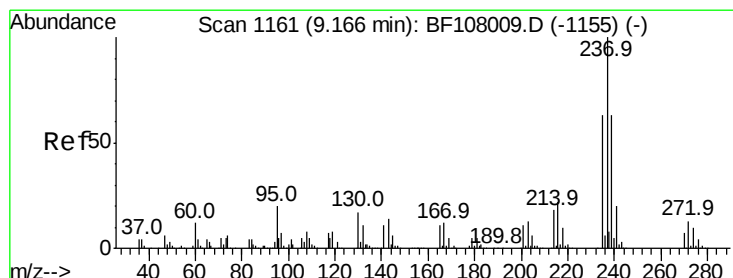
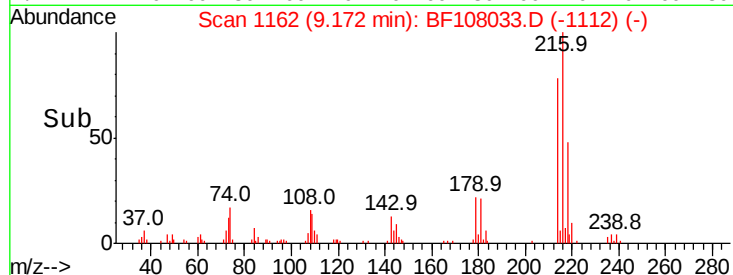
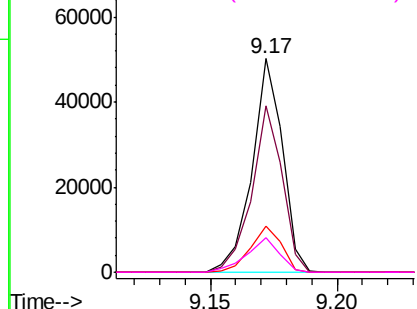
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

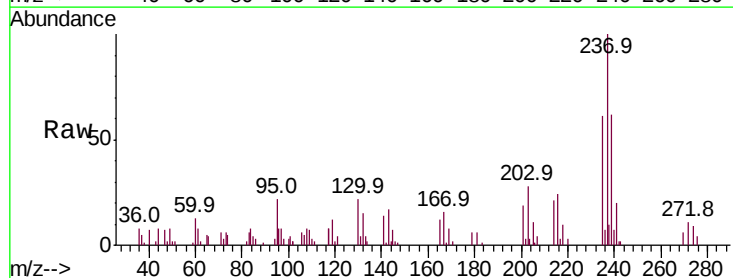
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 1.784 ng
 RT: 9.16 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF108033.D
 Acq: 8 Aug 2018 21:31

Tgt Ion	Ratio	Lower	Upper
237	100		
235	61.5	44.8	84.8
272	11.1	0.0	33.3

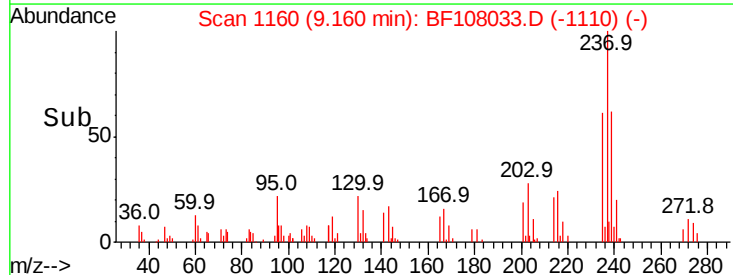
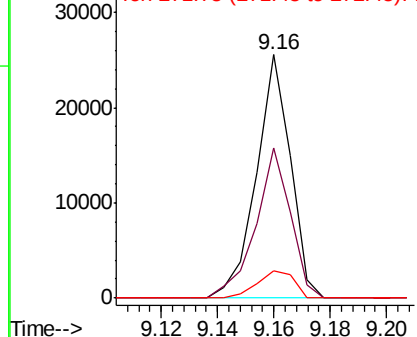


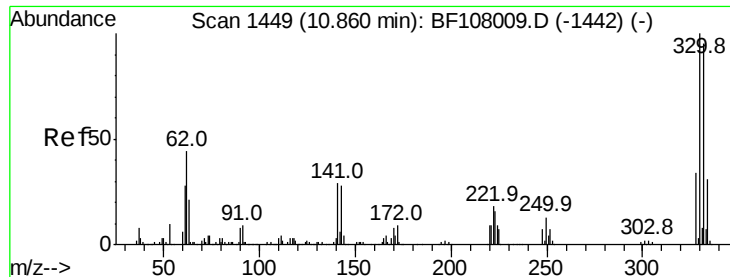
Abundance

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

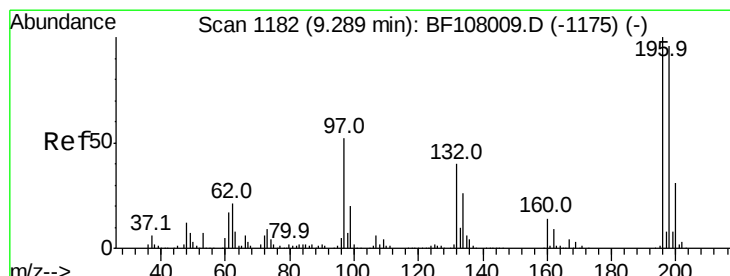
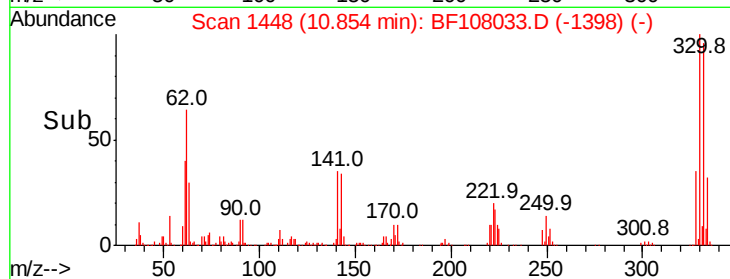
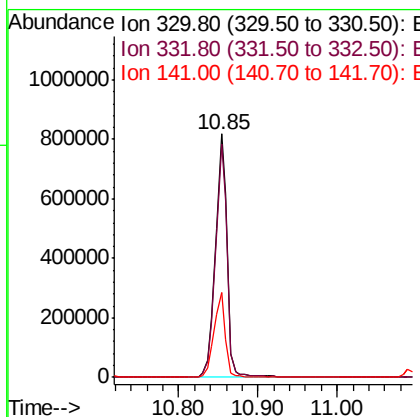
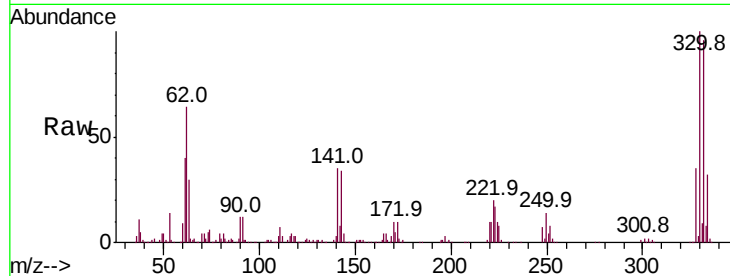




#41
 2,4,6-Tribromophenol
 Concen: 139.713 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF108033.D
 Acq: 8 Aug 2018 21:31

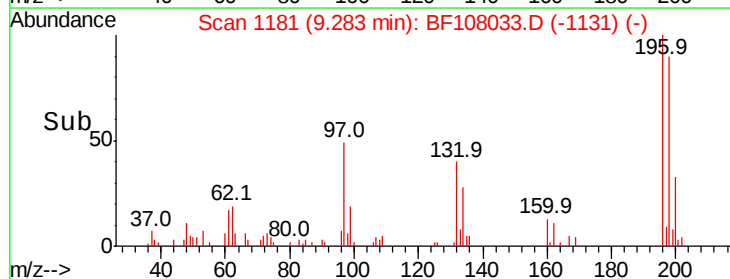
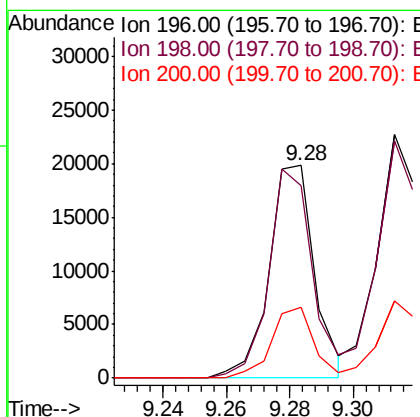
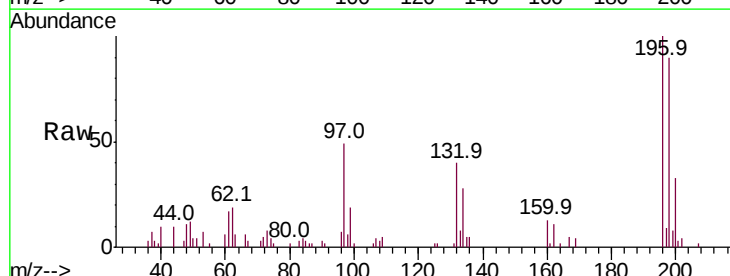
Instrument :
 BNA_F
 ClientSampled :

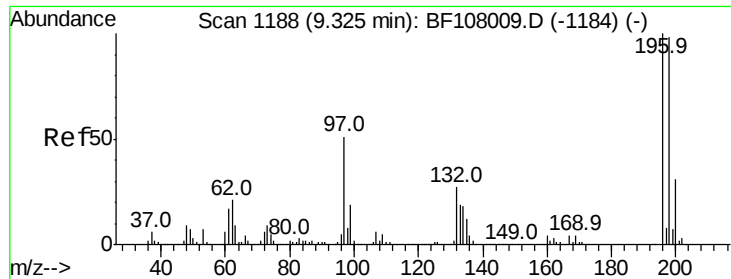
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	33.9	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 1.717 ng
 RT: 9.28 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF108033.D
 Acq: 8 Aug 2018 21:31

Tgt Ion	Ratio	Lower	Upper
196	100		
198	90.4	75.7	113.5
200	33.3	24.5	36.7

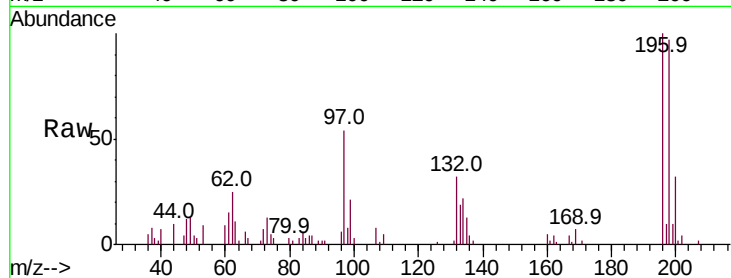




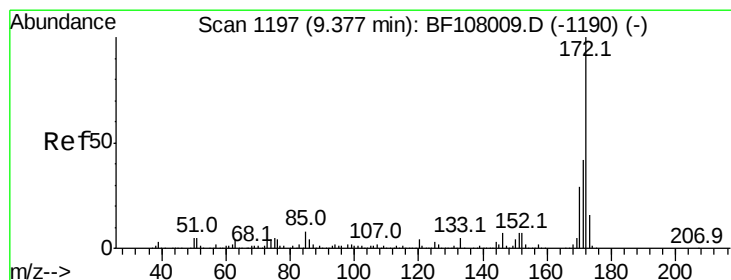
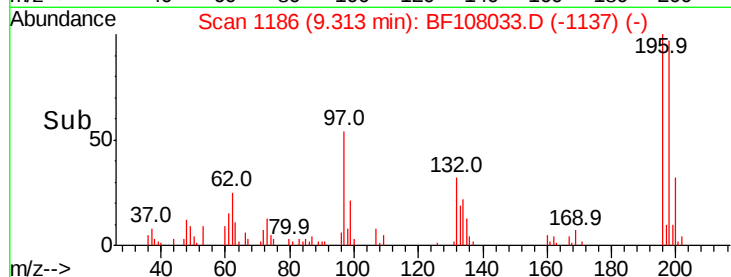
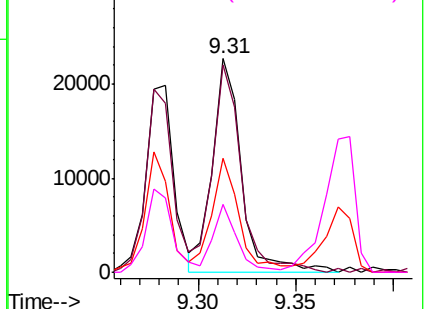
#43
 2,4,5-Trichlorophenol
 Concen: 1.858 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF108033.D
 Acq: 8 Aug 2018 21:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 23555
 Ion Ratio Lower Upper
 196 100
 198 97.2 74.6 112.0
 97 53.5 42.9 64.3
 132 32.0 26.3 39.5

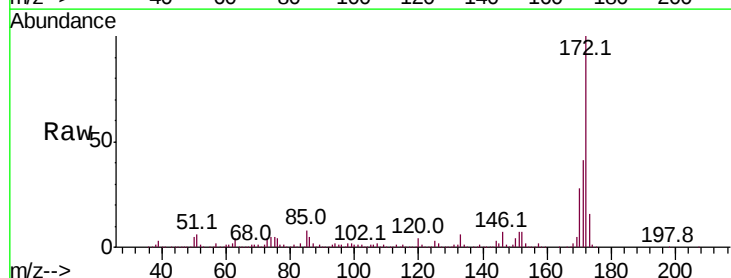


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

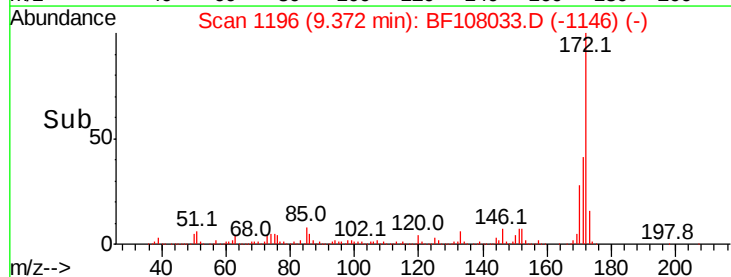
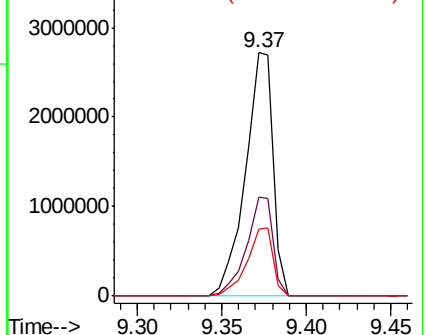


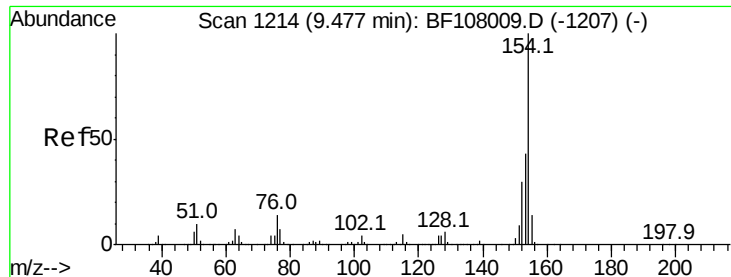
#44
 2-Fluorobiphenyl
 Concen: 82.942 ng
 RT: 9.37 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF108033.D
 Acq: 8 Aug 2018 21:31

Tgt Ion:172 Resp: 3122224
 Ion Ratio Lower Upper
 172 100
 171 40.6 29.7 44.5
 170 27.8 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: 2.516 ng

RT: 9.47 min Scan# 1213

Delta R.T. -0.01 min

Lab File: BF108033.D

Acq: 8 Aug 2018 21:31

Instrument :

BNA_F

ClientSampleId :

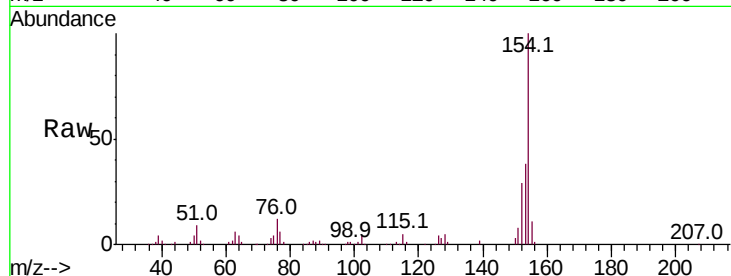
Tot Ion:154 Resp: 112105

Ion Ratio Lower Upper

154 100

153 38.0 21.3 61.3

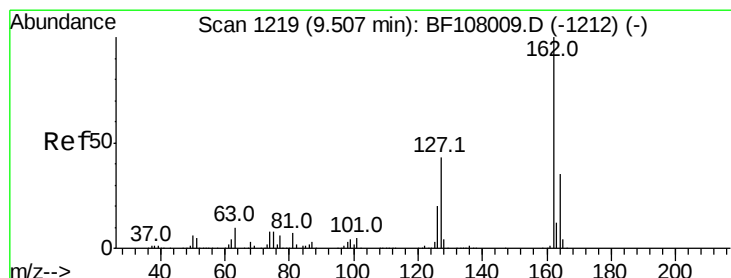
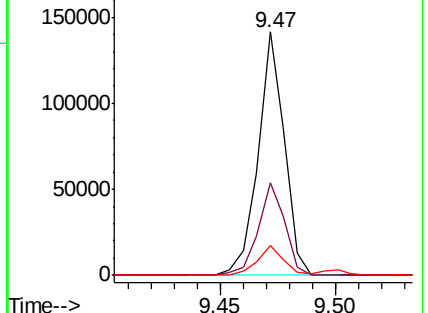
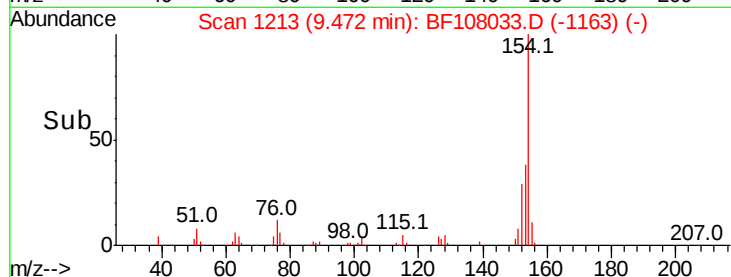
76 12.1 0.0 34.0



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: 2.339 ng

RT: 9.50 min Scan# 1218

Delta R.T. -0.01 min

Lab File: BF108033.D

Acq: 8 Aug 2018 21:31

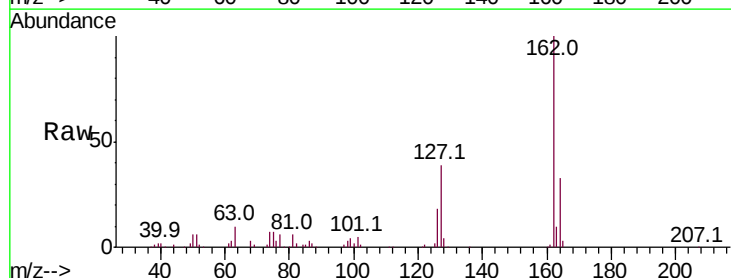
Tgt Ion:162 Resp: 82390

Ion Ratio Lower Upper

162 100

127 39.3 33.9 50.9

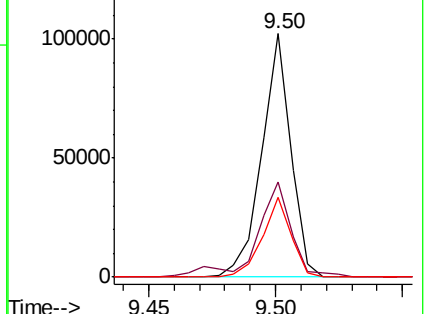
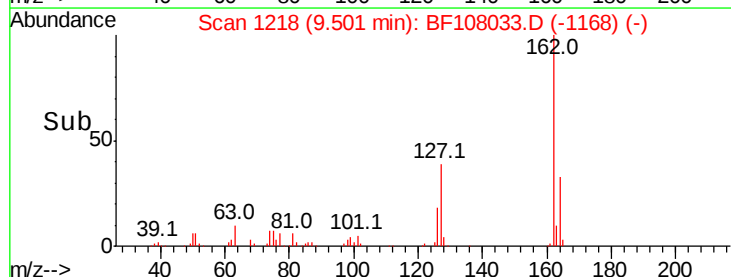
164 32.8 26.5 39.7

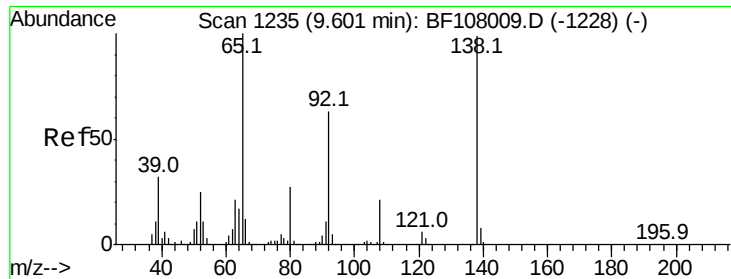


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

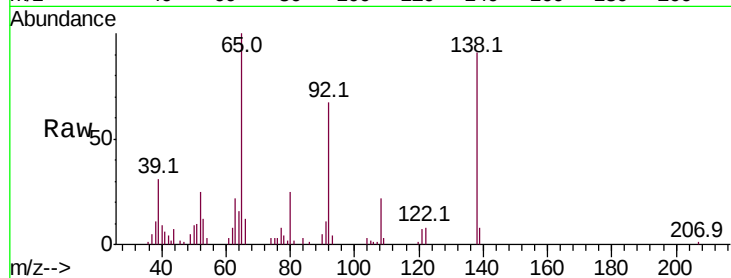




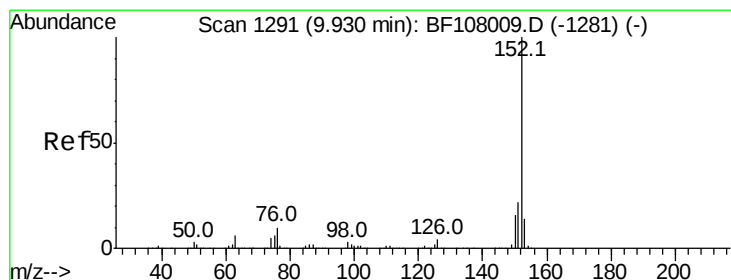
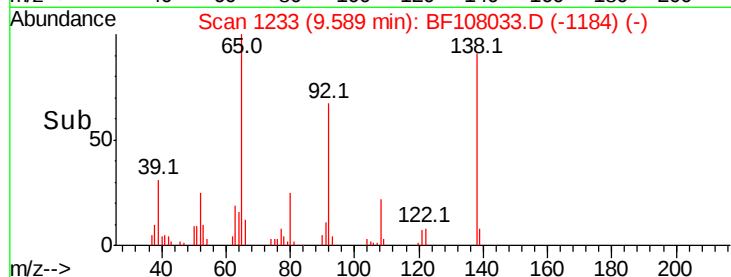
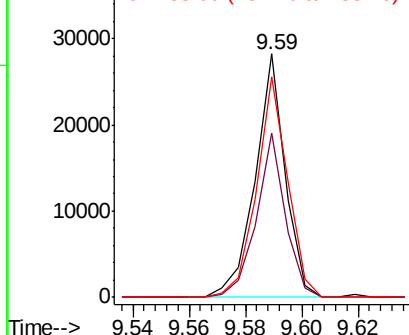
#47
2-Nitroaniline
Concen: 1.816 ng
RT: 9.59 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF108033.D
Acq: 8 Aug 2018 21:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 20696
Ion Ratio Lower Upper
65 100
92 67.4 55.8 83.6
138 90.8 91.2 136.8#

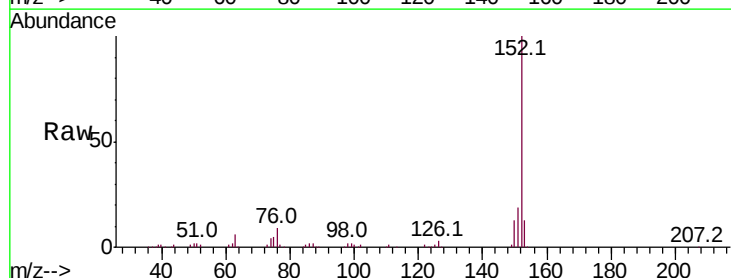


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

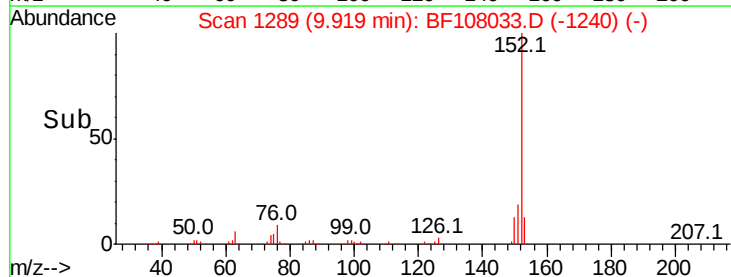
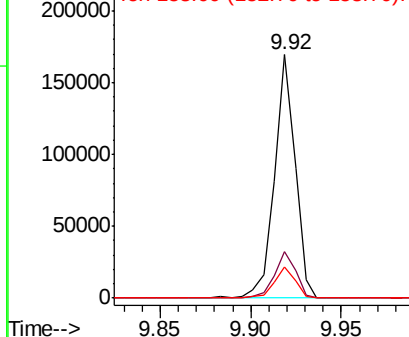


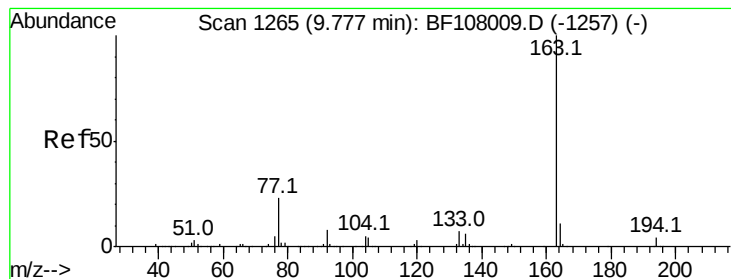
#48
Acenaphthylene
Concen: 2.406 ng
RT: 9.92 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BF108033.D
Acq: 8 Aug 2018 21:31

Tgt Ion: 152 Resp: 133978
Ion Ratio Lower Upper
152 100
151 19.3 16.3 24.5
153 12.6 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 2.299 ng

RT: 9.76 min Scan# 1262

Delta R.T. -0.02 min

Lab File: BF108033.D

Acq: 8 Aug 2018 21:31

Instrument :

BNA_F

ClientSampleId :

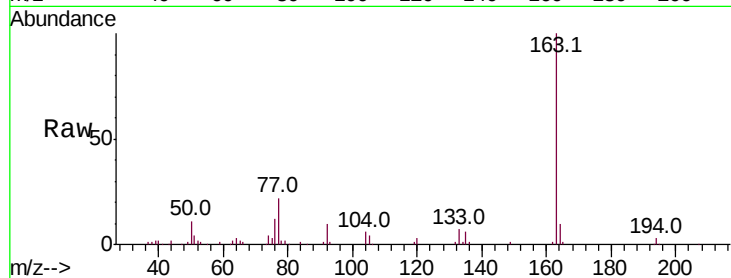
Tot Ion:163 Resp: 96765

Ion Ratio Lower Upper

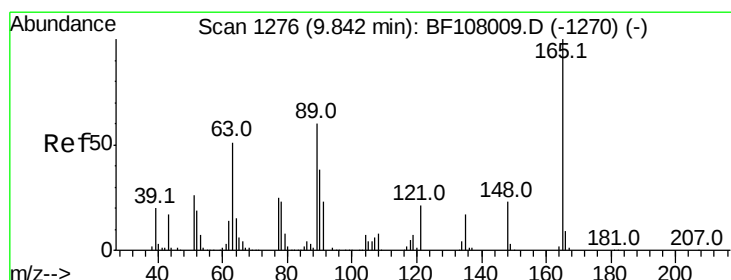
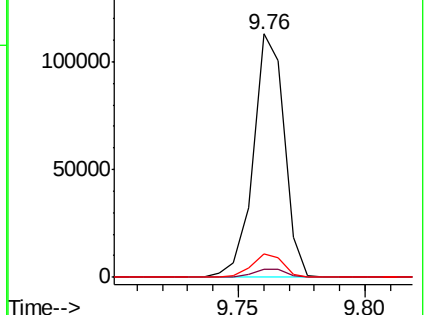
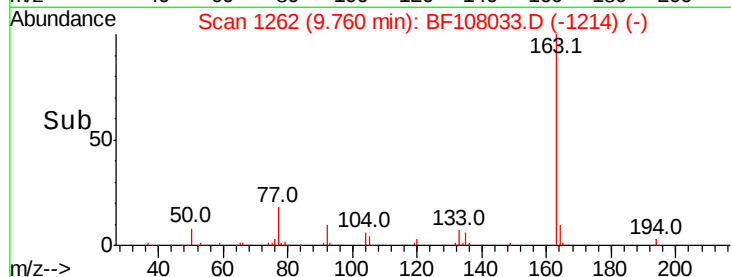
163 100

194 3.4 2.7 4.1

164 9.7 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: 1.984 ng

RT: 9.83 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF108033.D

Acq: 8 Aug 2018 21:31

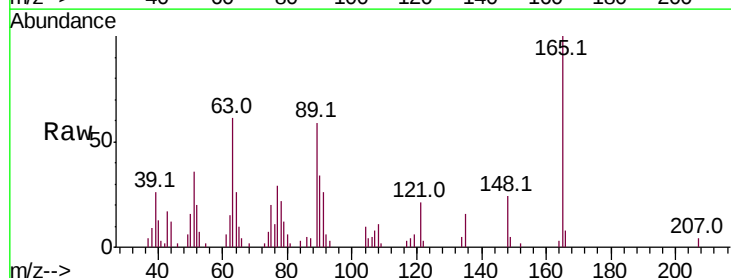
Tgt Ion:165 Resp: 17475

Ion Ratio Lower Upper

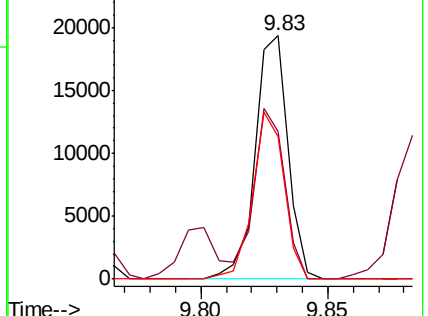
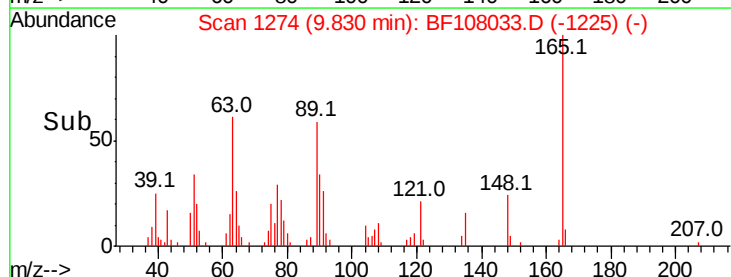
165 100

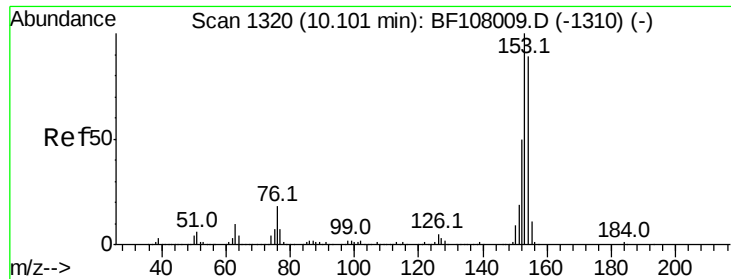
63 60.7 44.7 67.1

89 58.6 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: 2.366 ng

RT: 10.09 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF108033.D

Acq: 8 Aug 2018 21:31

Instrument :

BNA_F

ClientSampleId :

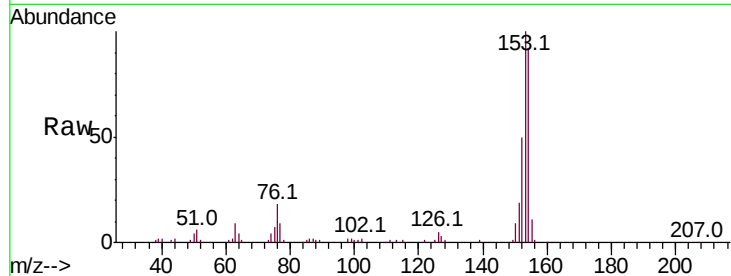
Tot Ion:154 Resp: 80679

Ion Ratio Lower Upper

154 100

153 109.0 91.2 136.8

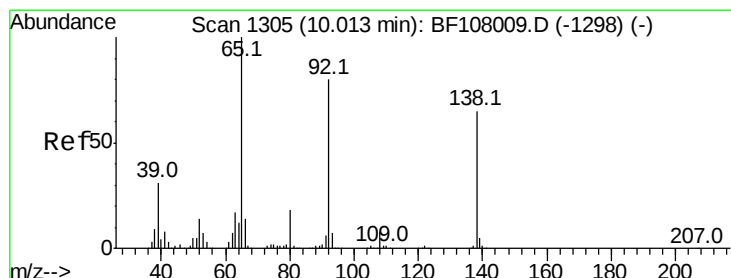
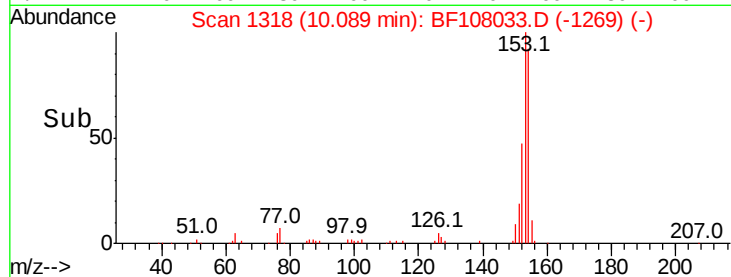
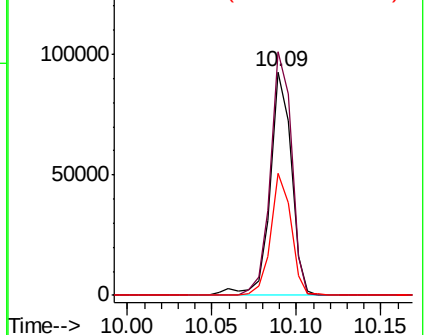
152 54.4 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 1.796 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF108033.D

Acq: 8 Aug 2018 21:31

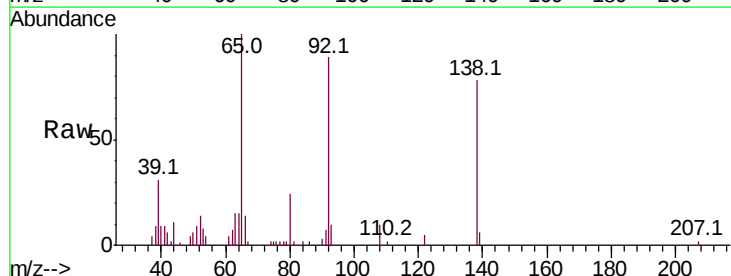
Tgt Ion:138 Resp: 17309

Ion Ratio Lower Upper

138 100

108 13.0 9.4 14.0

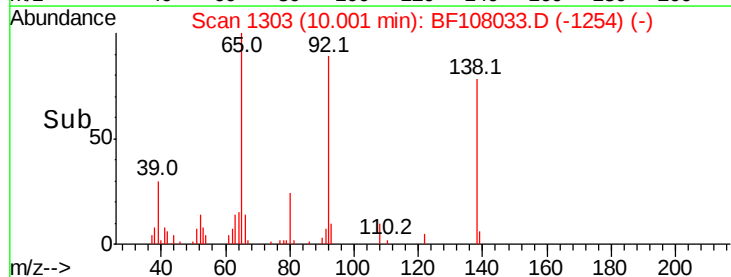
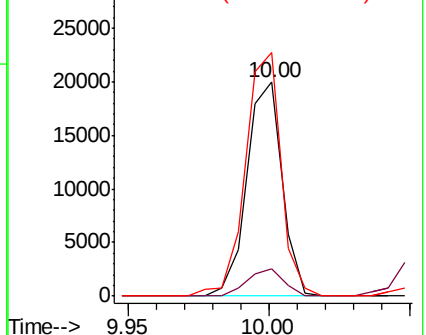
92 114.0 89.4 134.2

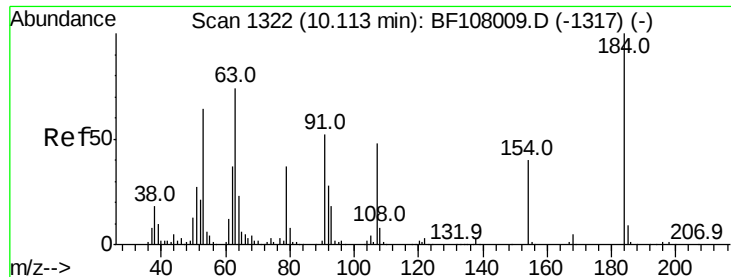


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

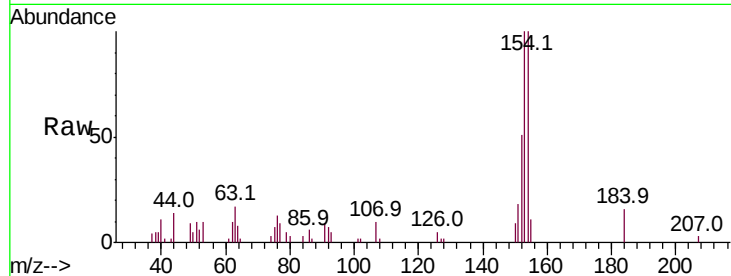




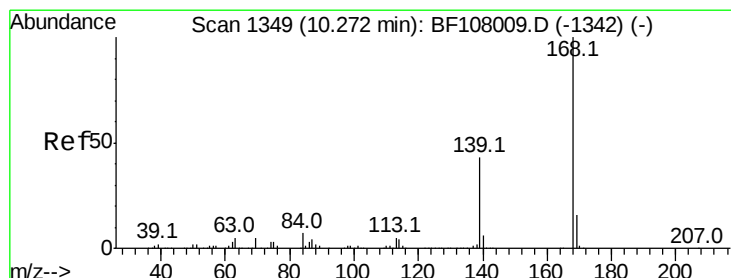
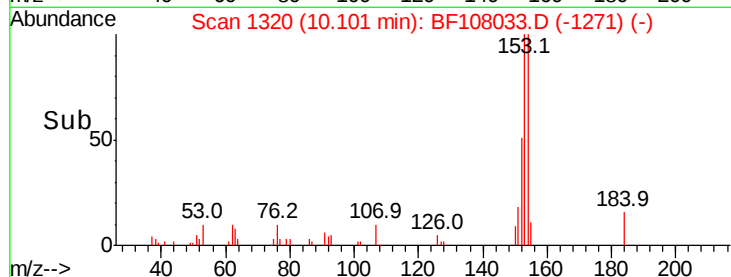
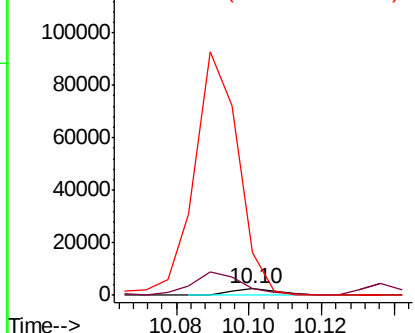
#53
2,4-Dinitrophenol
Concen: 7.627 ng
RT: 10.10 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF108033.D
Acq: 8 Aug 2018 21:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 2191
Ion Ratio Lower Upper
184 100
63 106.9 54.2 81.2#
154 631.2 184.0 276.0#

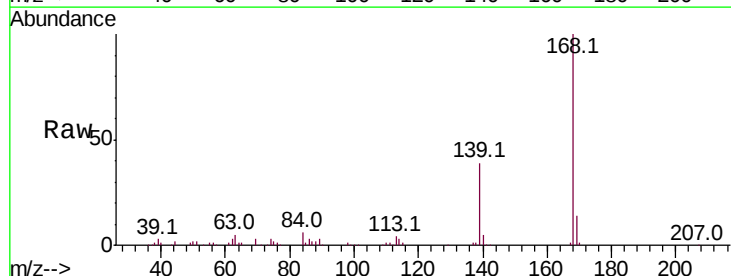


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

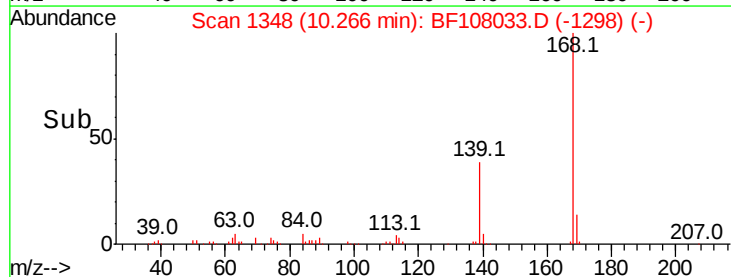
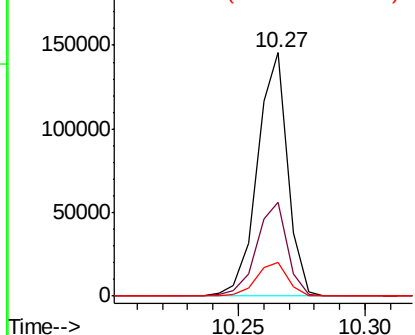


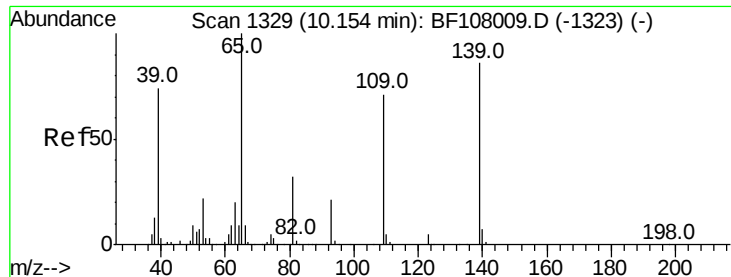
#54
Dibenzofuran
Concen: 2.450 ng
RT: 10.27 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF108033.D
Acq: 8 Aug 2018 21:31

Tgt Ion:168 Resp: 121049
Ion Ratio Lower Upper
168 100
139 38.7 30.1 45.1
169 13.8 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

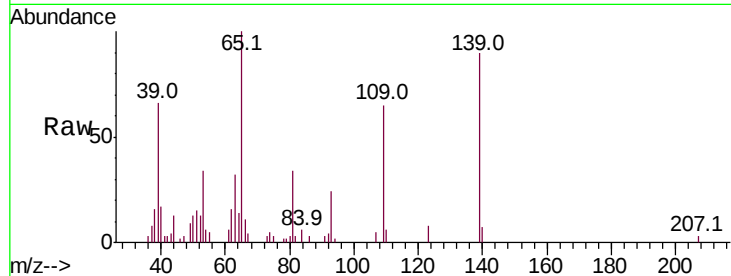




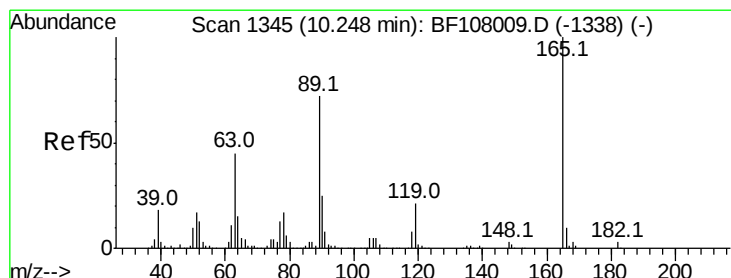
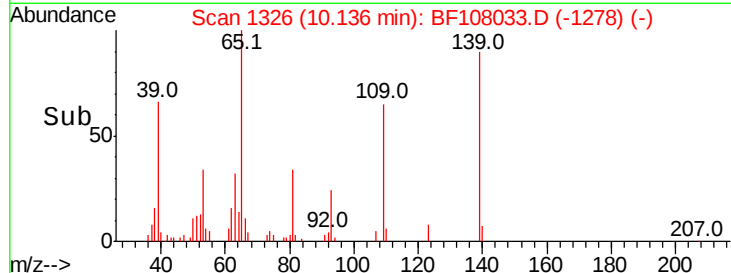
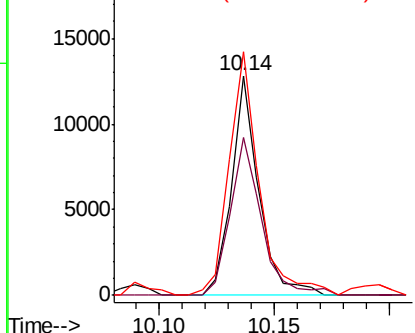
#55
4-Nitrophenol
Concen: 1.449 ng
RT: 10.14 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BF108033.D
Acq: 8 Aug 2018 21:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 10573
Ion Ratio Lower Upper
139 100
109 71.6 48.4 88.4
65 110.8 72.6 112.6



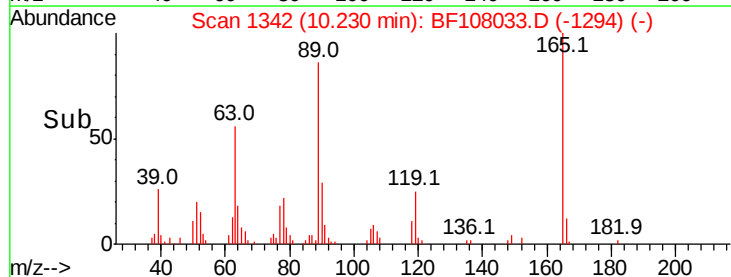
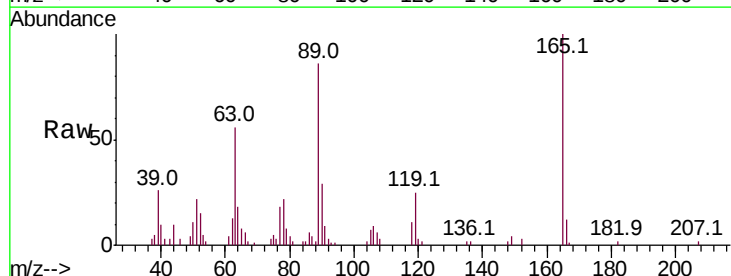
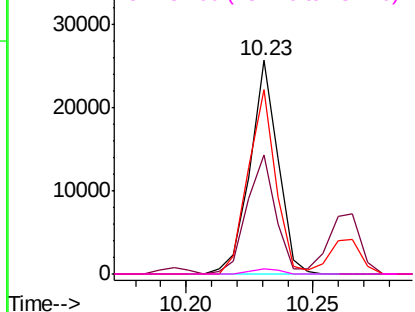
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

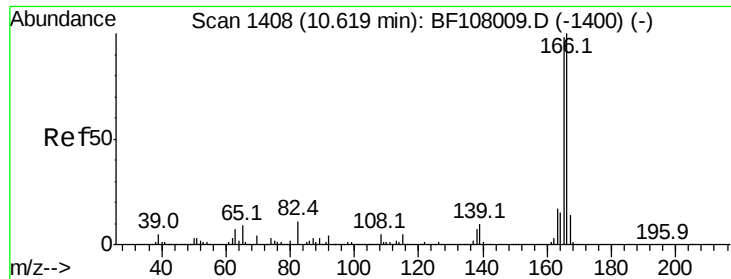


#56
2,4-Dinitrotoluene
Concen: 1.739 ng
RT: 10.23 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BF108033.D
Acq: 8 Aug 2018 21:31

Tgt Ion:165 Resp: 19720
Ion Ratio Lower Upper
165 100
63 55.5 36.4 54.6#
89 86.4 57.8 86.6
182 2.2 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

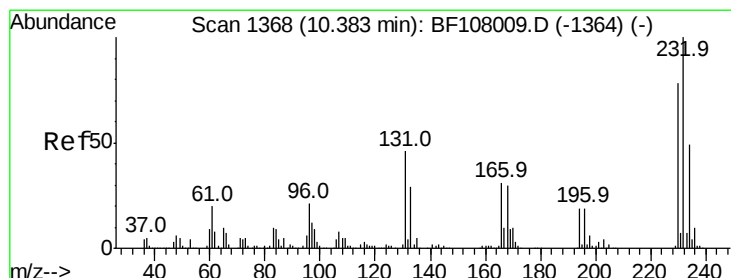
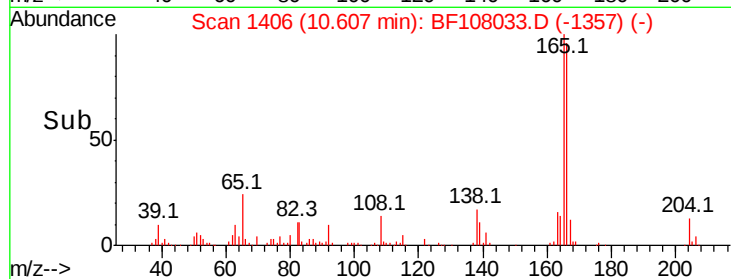
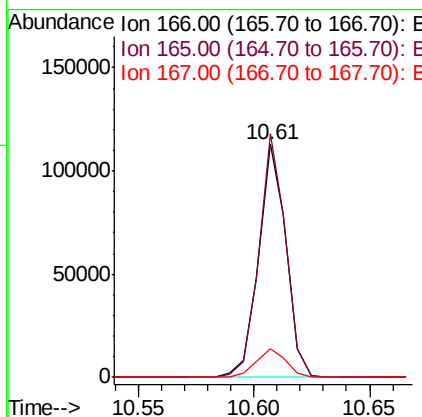
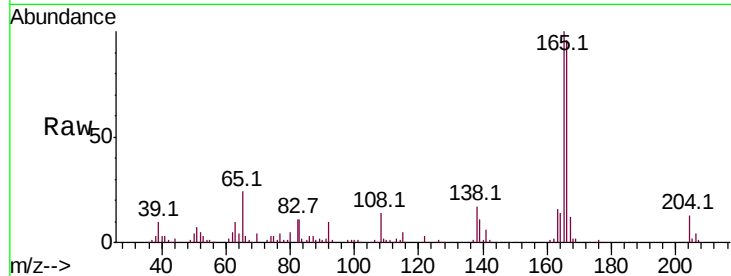




#57
 Fluorene
 Concen: 2.393 ng
 RT: 10.61 min Scan# 1406
 Delta R.T. -0.01 min
 Lab File: BF108033.D
 Acq: 8 Aug 2018 21:31

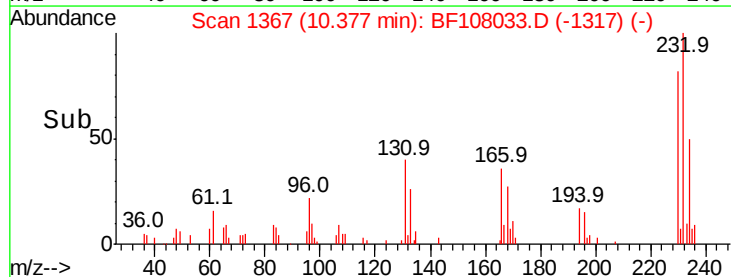
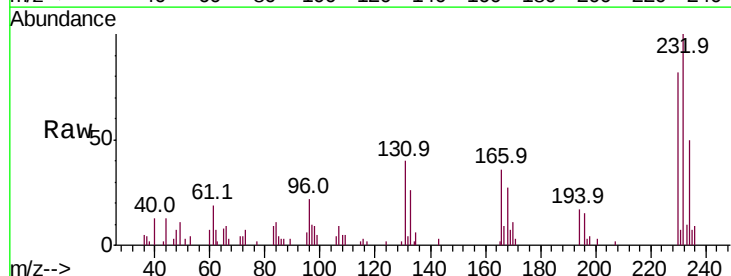
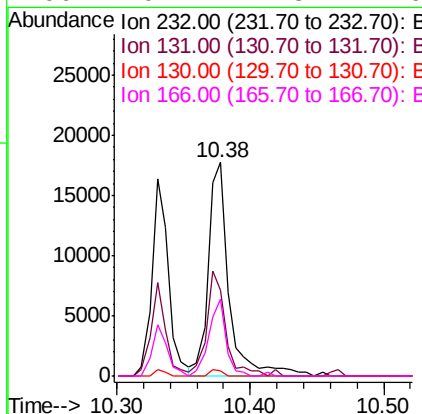
Instrument :
 BNA_F
 ClientSampleId :

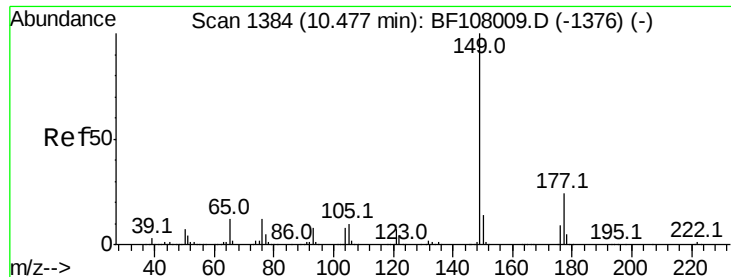
Tot Ion	Ratio	Lower	Upper
166	100		
165	104.4	79.8	119.8
167	12.1	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 1.831 ng
 RT: 10.38 min Scan# 1367
 Delta R.T. -0.01 min
 Lab File: BF108033.D
 Acq: 8 Aug 2018 21:31

Tgt Ion	Ratio	Lower	Upper
232	100		
131	43.9	43.8	65.8
130	1.8	2.1	3.1#
166	29.4	27.8	41.6

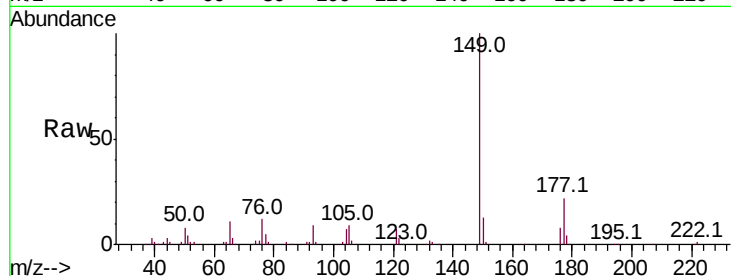




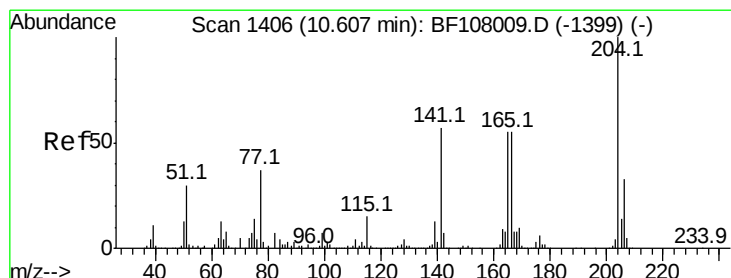
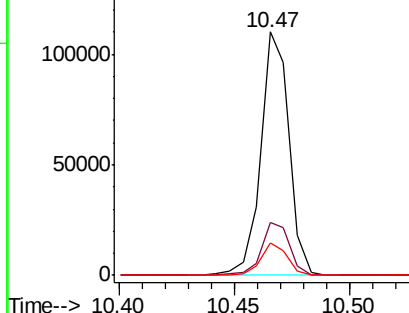
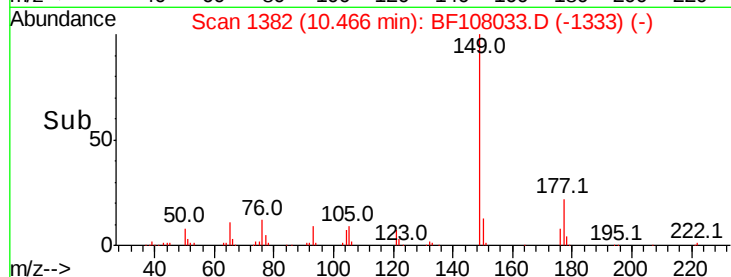
#59
Diethylphthalate
Concen: 2.296 ng
RT: 10.47 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BF108033.D
Acq: 8 Aug 2018 21:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 93592
Ion Ratio Lower Upper
149 100
177 21.8 16.1 24.1
150 13.4 10.1 15.1

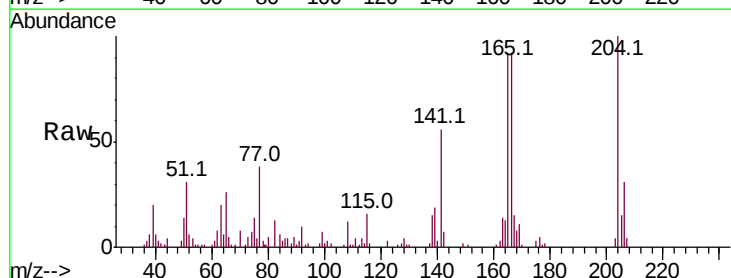


Abundance Ion 149.00 (148.70 to 149.70): E
150000
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

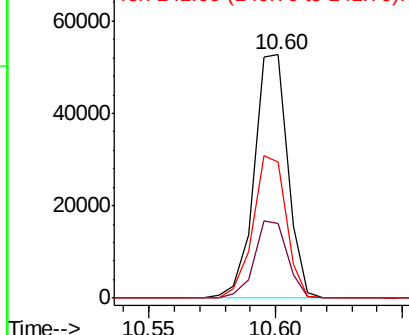
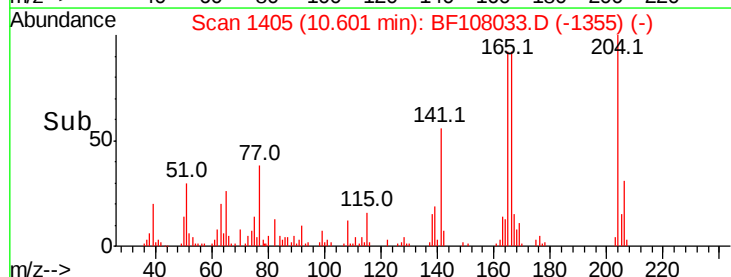


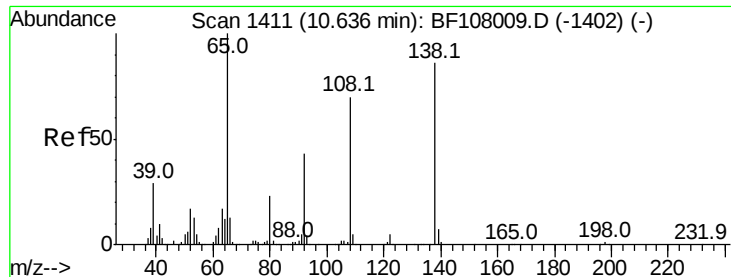
#60
4-Chlorophenyl-phenylether
Concen: 2.404 ng
RT: 10.60 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF108033.D
Acq: 8 Aug 2018 21:31

Tgt Ion:204 Resp: 48988
Ion Ratio Lower Upper
204 100
206 30.6 26.5 39.7
141 56.0 54.6 81.8



Abundance Ion 204.00 (203.70 to 204.70): E
60000
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

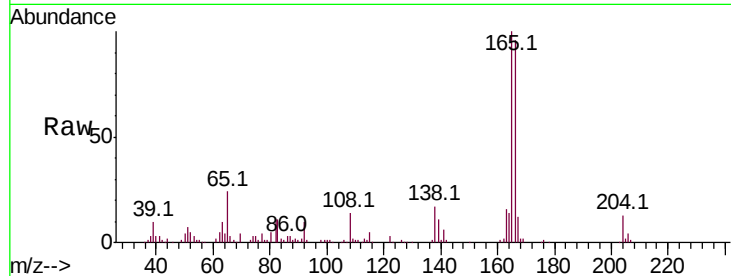




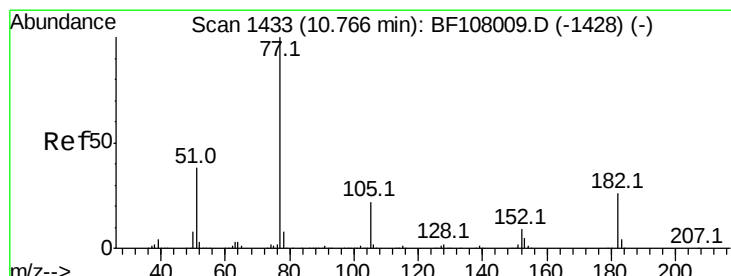
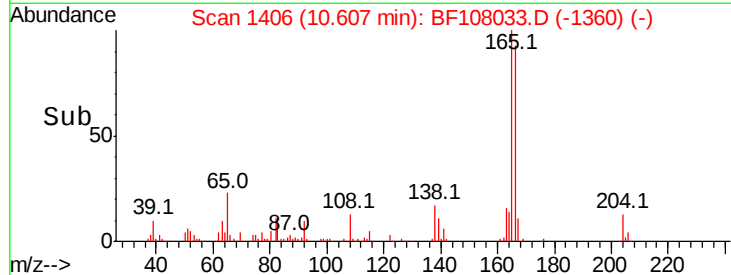
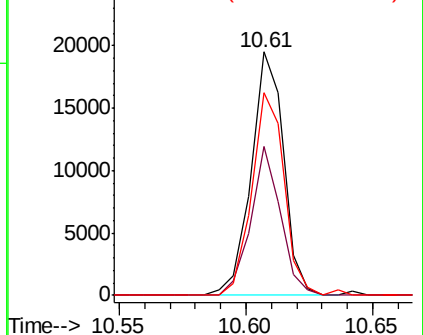
#61
4-Nitroaniline
Concen: 1.832 ng
RT: 10.61 min Scan# 1406
Delta R.T. -0.03 min
Lab File: BF108033.D
Acq: 8 Aug 2018 21:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 17459
Ion Ratio Lower Upper
138 100
92 61.3 30.2 70.2
108 83.3 52.5 92.5

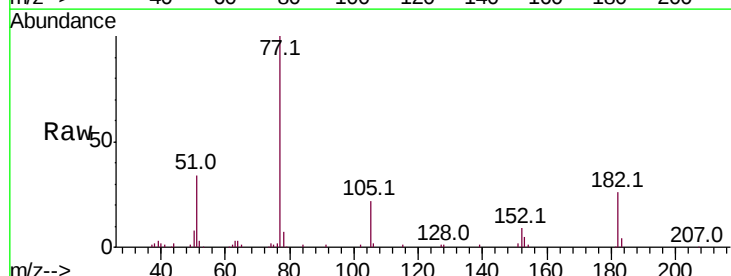


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

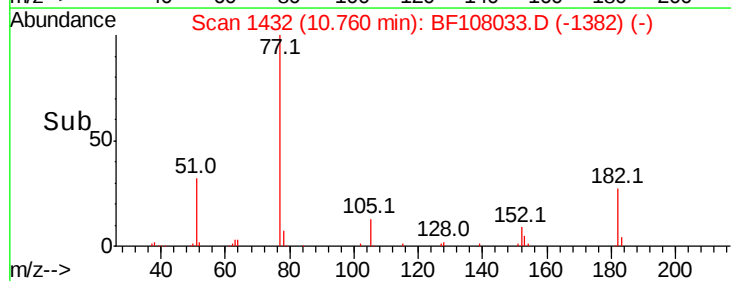
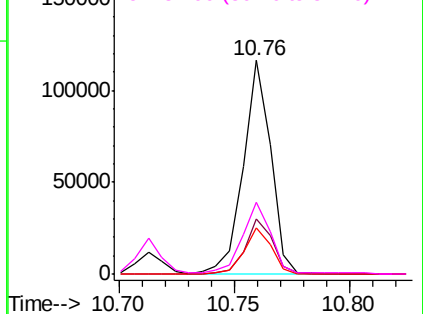


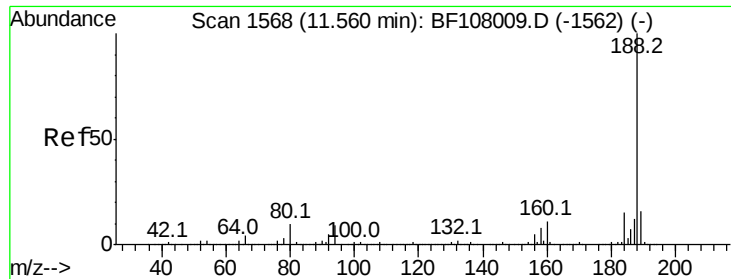
#62
Azobenzene
Concen: 2.311 ng
RT: 10.76 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF108033.D
Acq: 8 Aug 2018 21:31

Tgt Ion: 77 Resp: 97285
Ion Ratio Lower Upper
77 100
182 25.8 1.7 41.7
105 21.5 3.0 43.0
51 33.8 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

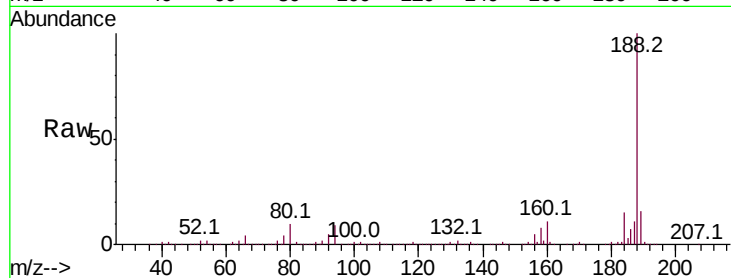




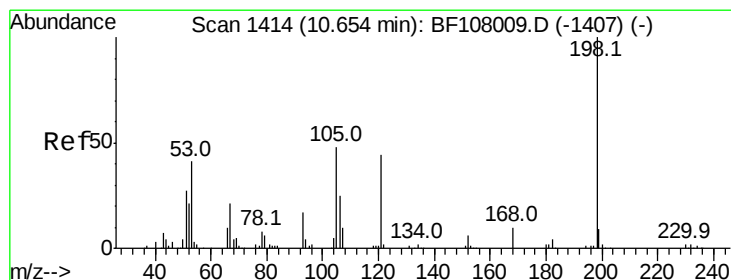
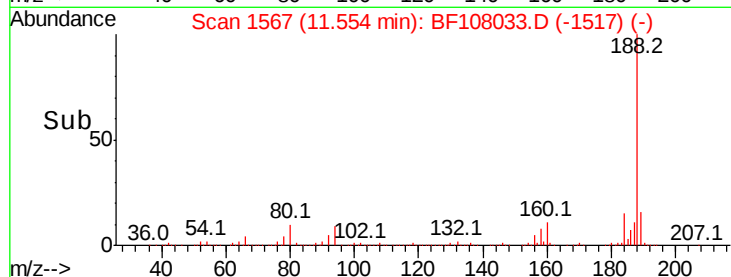
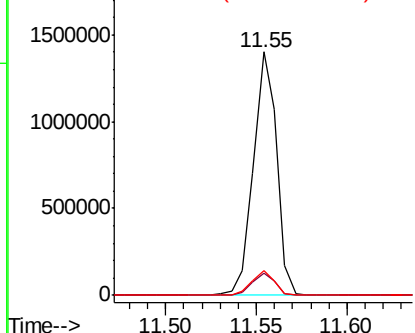
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.55 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: BF108033.D
 Acq: 8 Aug 2018 21:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 1251435
 Ion Ratio Lower Upper
 188 100
 94 9.0 8.5 12.7
 80 10.4 9.2 13.8

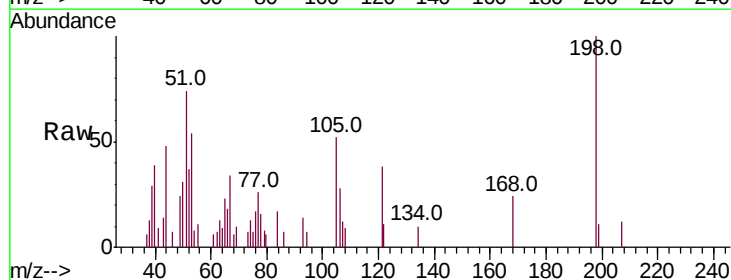


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

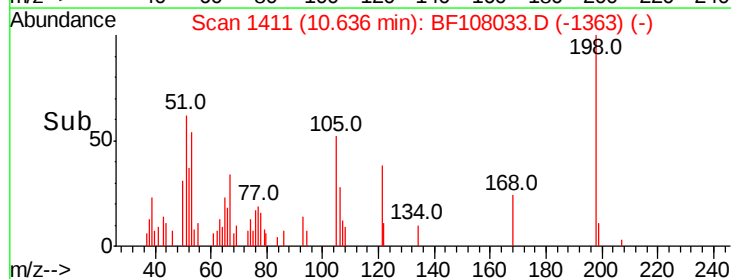
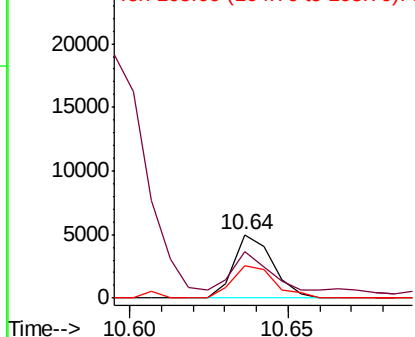


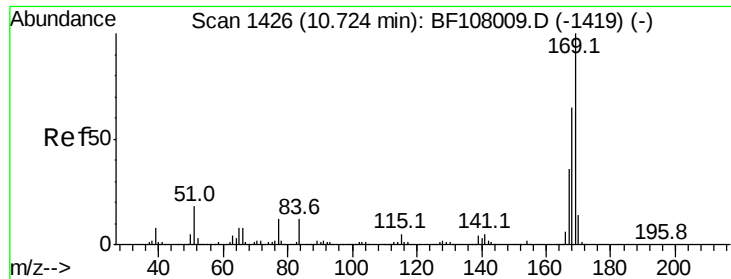
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.160 ng
 RT: 10.64 min Scan# 1411
 Delta R.T. -0.02 min
 Lab File: BF108033.D
 Acq: 8 Aug 2018 21:31

Tgt Ion:198 Resp: 4238
 Ion Ratio Lower Upper
 198 100
 51 73.9 37.7 77.7
 105 52.0 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

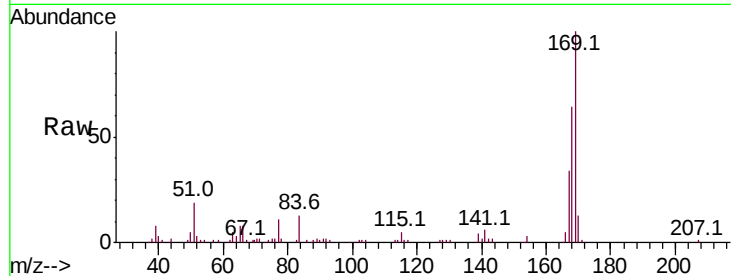




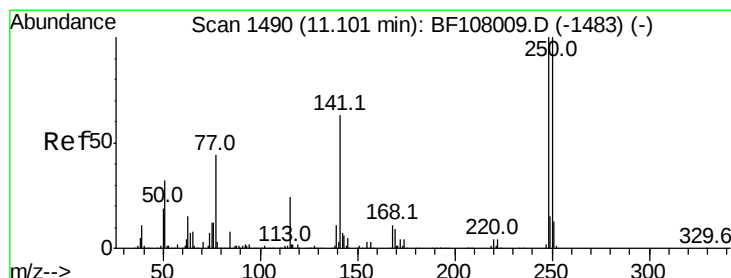
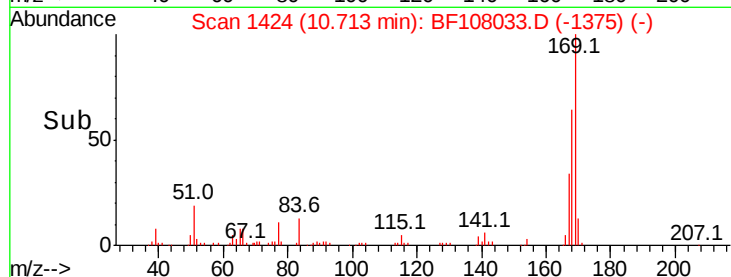
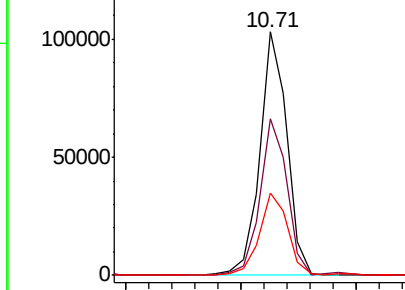
#65
 n-Nitrosodiphenylamine
 Concen: 2.271 ng
 RT: 10.71 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF108033.D
 Acq: 8 Aug 2018 21:31

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
169	100		
168	64.1	54.4	81.6
167	33.8	29.8	44.6

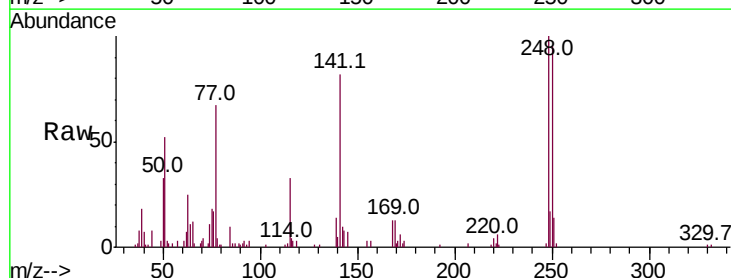


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

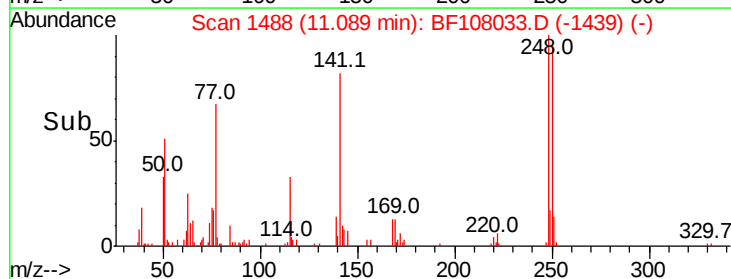
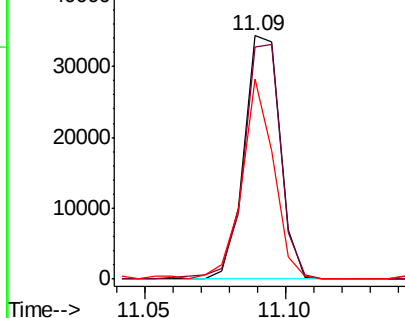


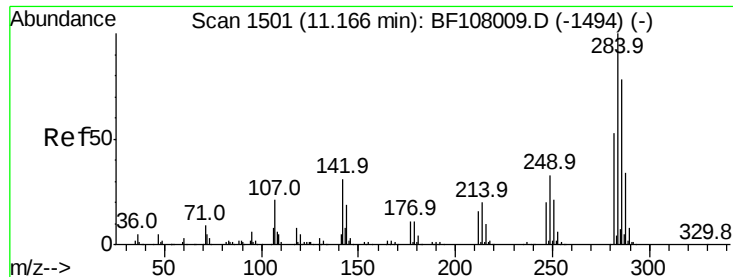
#66
 4-Bromophenyl-phenylether
 Concen: 2.235 ng
 RT: 11.09 min Scan# 1488
 Delta R.T. -0.01 min
 Lab File: BF108033.D
 Acq: 8 Aug 2018 21:31

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.2	76.9	115.3
141	82.2	74.4	111.6



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

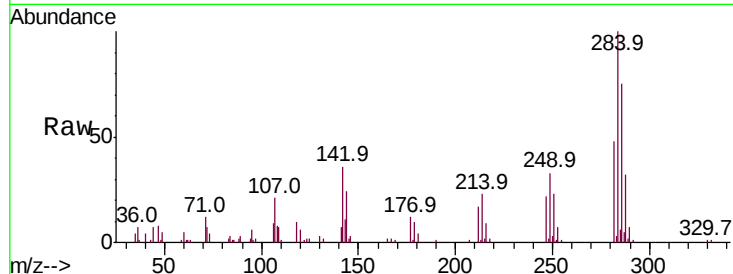




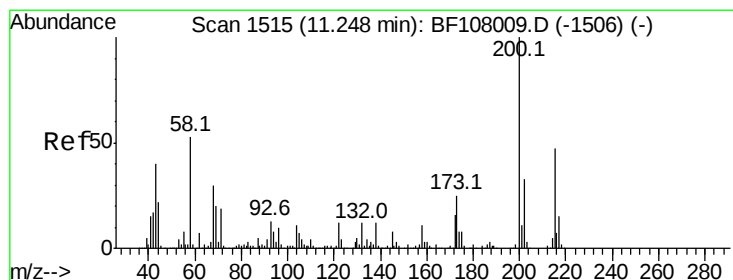
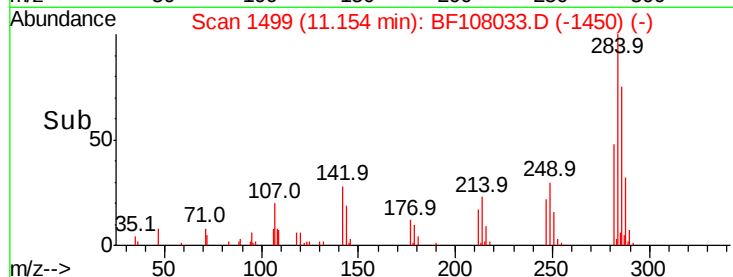
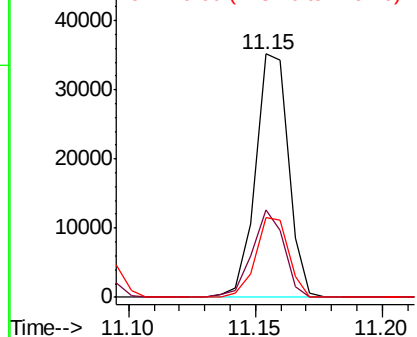
#67
Hexachlorobenzene
Concen: 2.244 ng
RT: 11.15 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BF108033.D
Acq: 8 Aug 2018 21:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	35.9	34.6	52.0
249	32.9	24.8	37.2

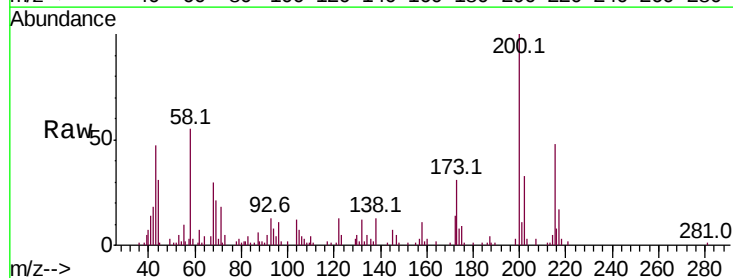


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

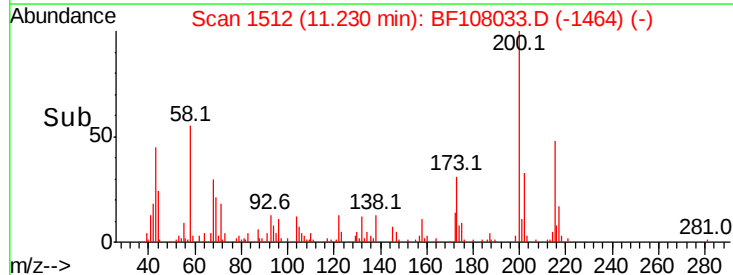
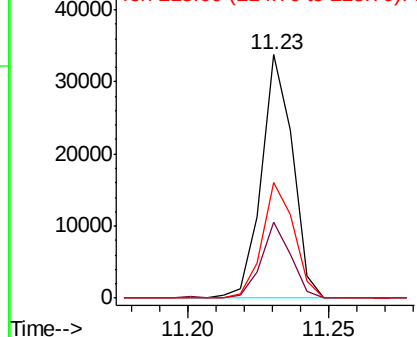


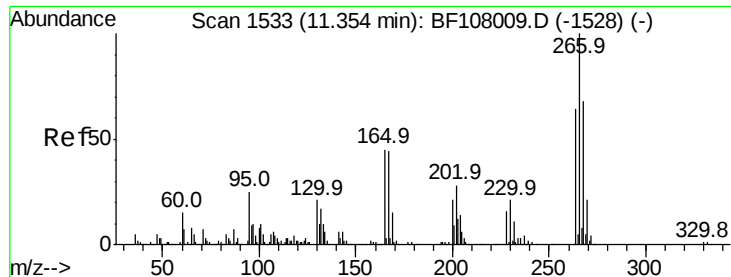
#68
Atrazine
Concen: 2.081 ng
RT: 11.23 min Scan# 1512
Delta R.T. -0.02 min
Lab File: BF108033.D
Acq: 8 Aug 2018 21:31

Tgt Ion	Ratio	Lower	Upper
200	100		
173	31.1	8.6	48.6
215	47.5	25.1	65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 1.330 ng

RT: 11.35 min Scan# 1532

Delta R.T. -0.01 min

Lab File: BF108033.D

Acq: 8 Aug 2018 21:31

Instrument :

BNA_F

ClientSampleId :

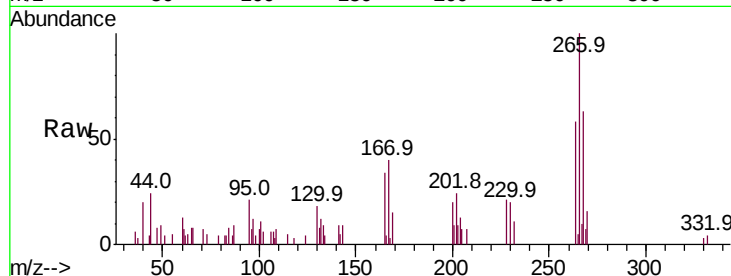
Tot Ion:266 Resp: 9112

Ion Ratio Lower Upper

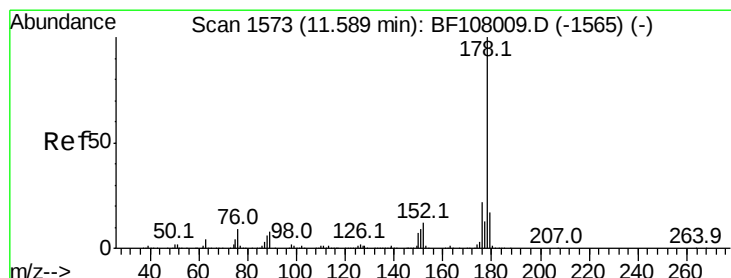
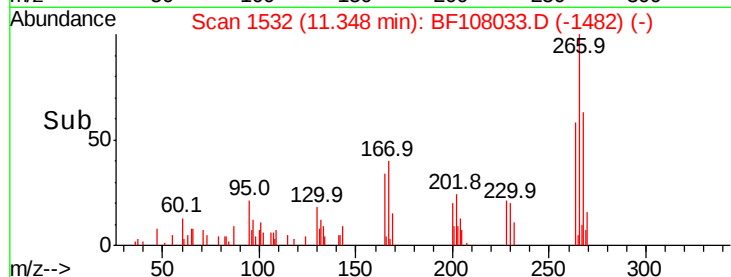
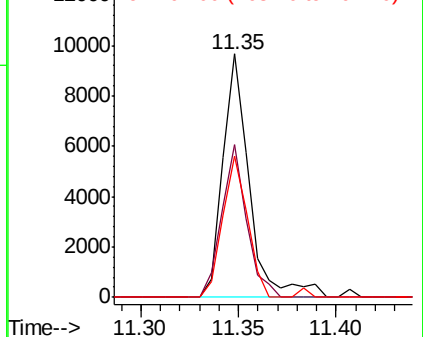
266 100

268 62.6 51.1 76.7

264 63.3 49.5 74.3



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



#70

Phenanthrene

Concen: 2.506 ng

RT: 11.58 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BF108033.D

Acq: 8 Aug 2018 21:31

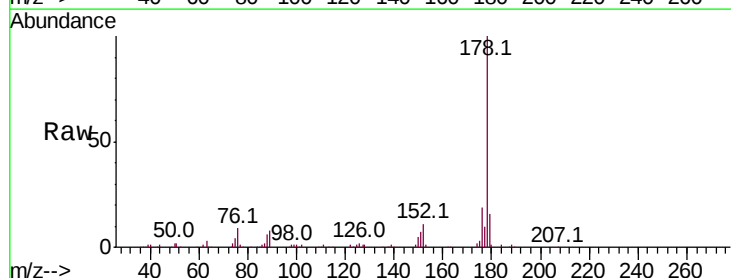
Tgt Ion:178 Resp: 147913

Ion Ratio Lower Upper

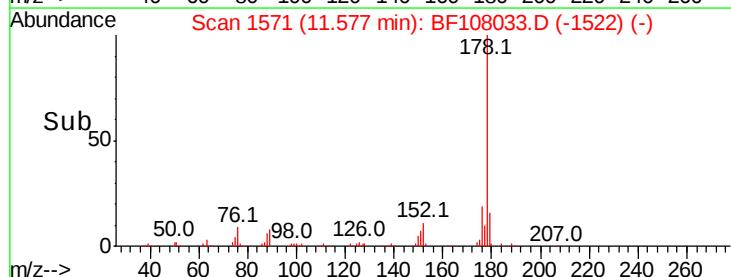
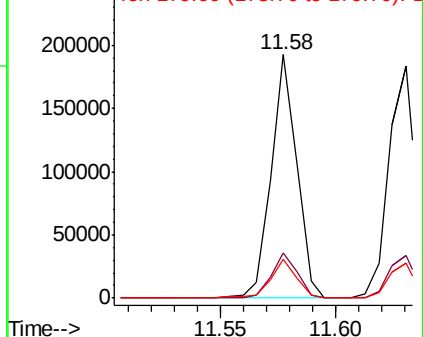
178 100

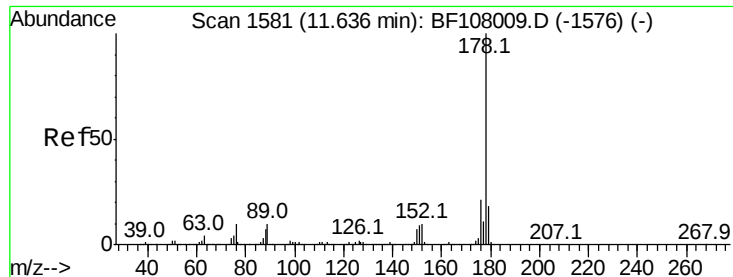
176 18.7 15.8 23.8

179 15.7 13.0 19.6



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

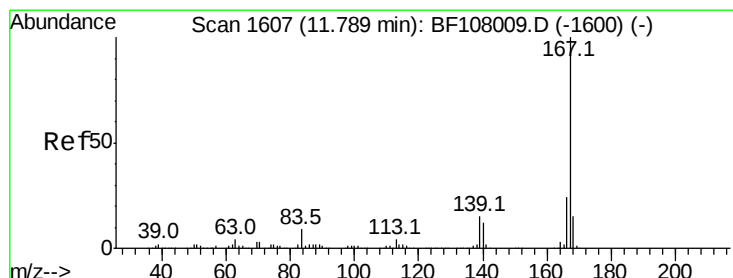
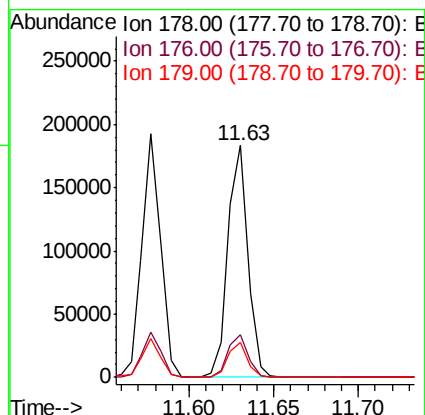
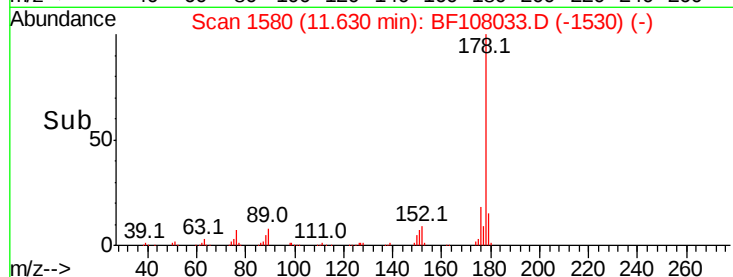
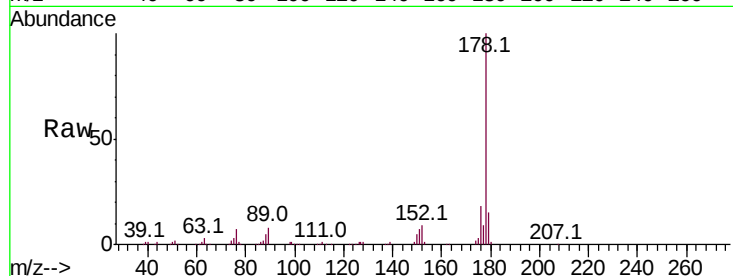




#71
 Anthracene
 Concen: 2.503 ng
 RT: 11.63 min Scan# 1580
 Delta R.T. -0.01 min
 Lab File: BF108033.D
 Acq: 8 Aug 2018 21:31

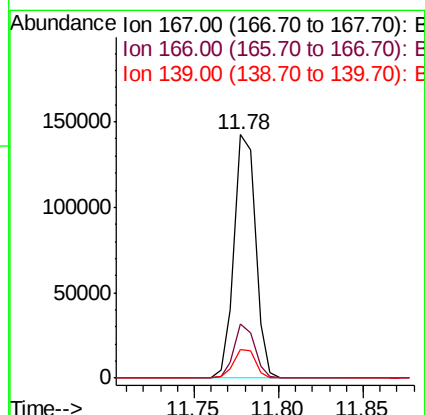
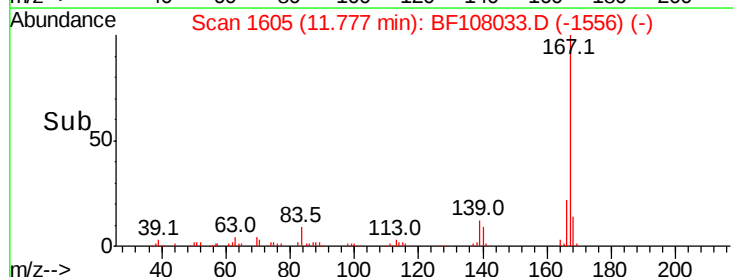
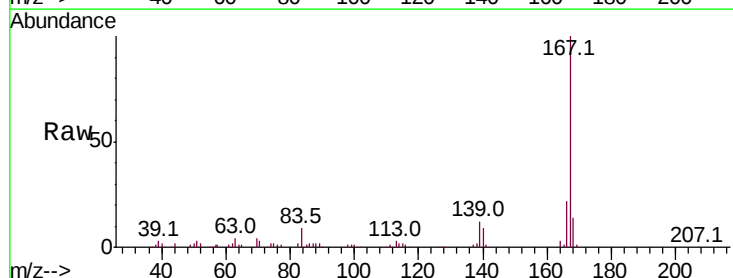
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 151400
 Ion Ratio Lower Upper
 178 100
 176 18.2 15.4 23.2
 179 15.3 12.6 19.0



#72
 Carbazole
 Concen: 2.349 ng
 RT: 11.78 min Scan# 1605
 Delta R.T. -0.01 min
 Lab File: BF108033.D
 Acq: 8 Aug 2018 21:31

Tgt Ion:167 Resp: 126258
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 12.0 10.9 16.3

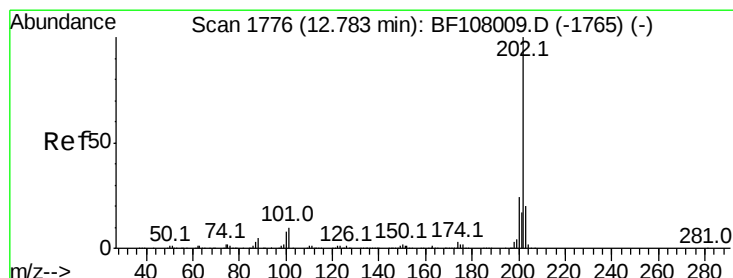
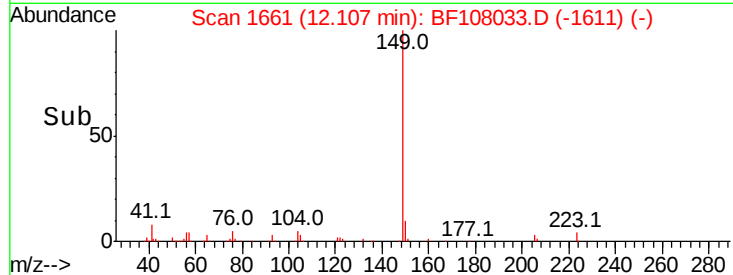
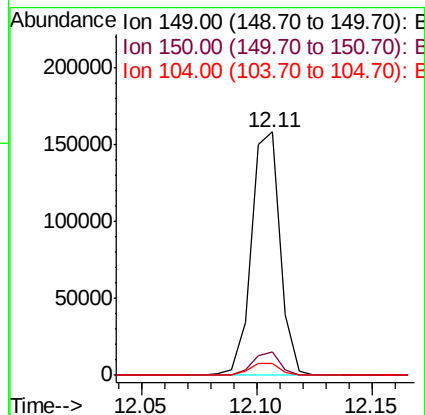
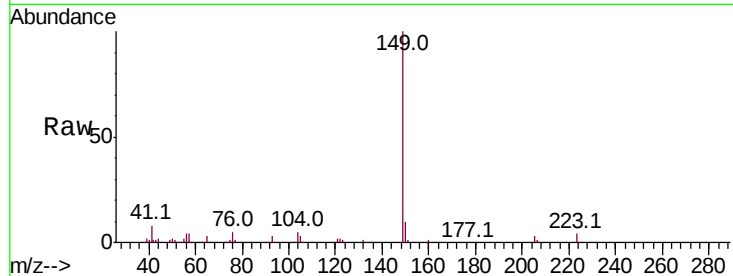




#73
Di-n-butylphthalate
Concen: 2.263 ng
RT: 12.11 min Scan# 1661
Delta R.T. -0.01 min
Lab File: BF108033.D
Acq: 8 Aug 2018 21:31

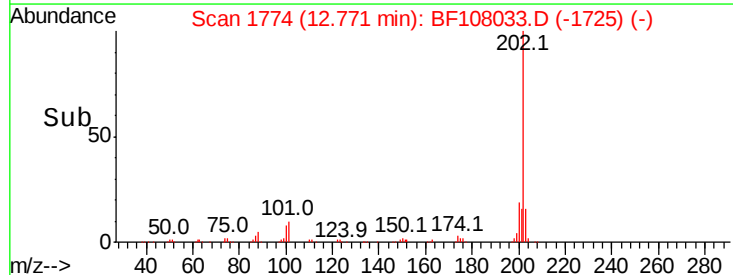
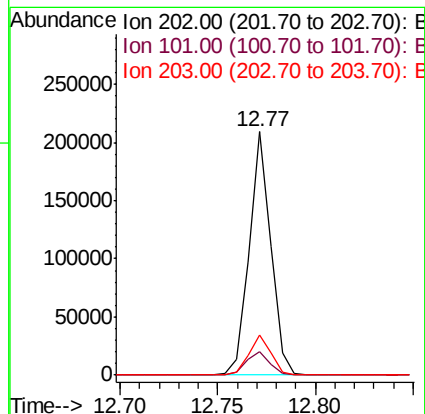
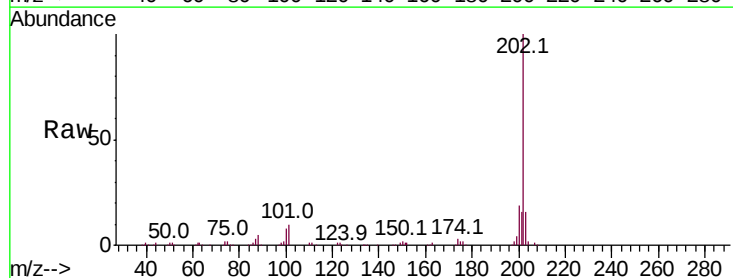
Instrument :
BNA_F
ClientSampleId :

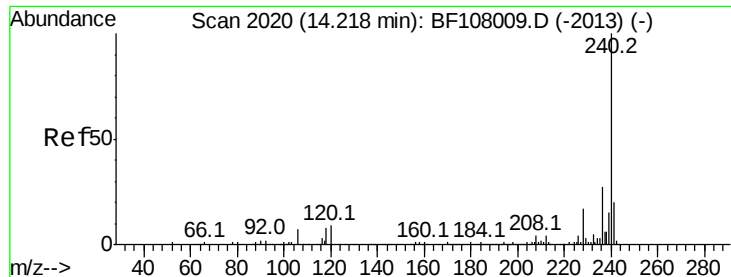
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.8	11.6
104	4.7	3.8	5.8



#74
Fluoranthene
Concen: 2.488 ng
RT: 12.77 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BF108033.D
Acq: 8 Aug 2018 21:31

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	34.1
203	16.2	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.21 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF108033.D

Acq: 8 Aug 2018 21:31

Instrument :

BNA_F

ClientSampleId :

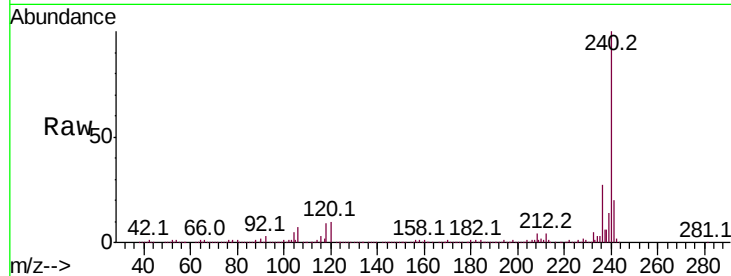
Tot Ion:240 Resp: 1116628

Ion Ratio Lower Upper

240 100

120 10.4 9.5 14.3

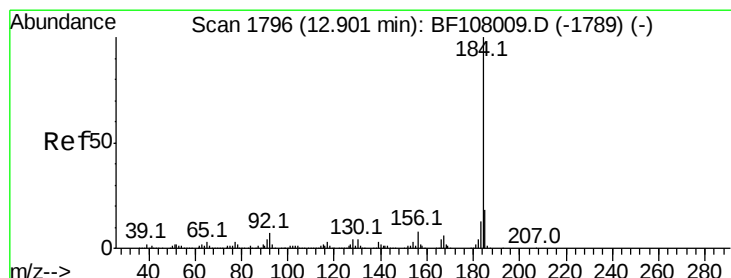
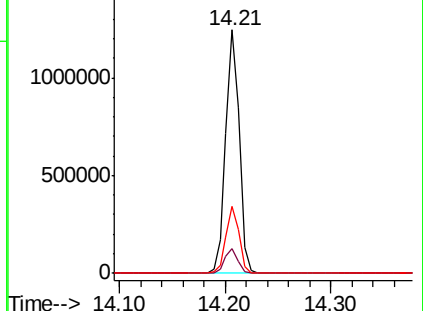
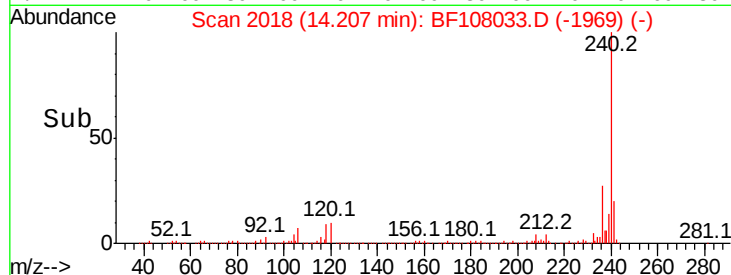
236 27.3 20.7 31.1



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: 0.468 ng

RT: 12.89 min Scan# 1794

Delta R.T. -0.01 min

Lab File: BF108033.D

Acq: 8 Aug 2018 21:31

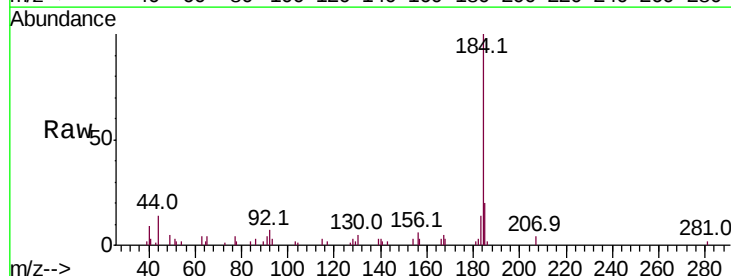
Tgt Ion:184 Resp: 19521

Ion Ratio Lower Upper

184 100

185 19.8 12.6 18.8#

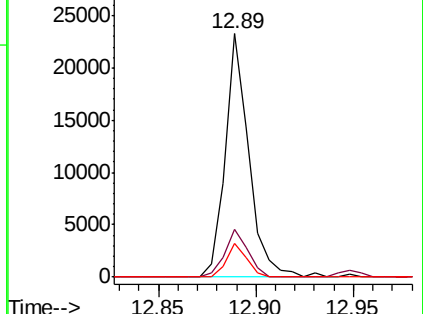
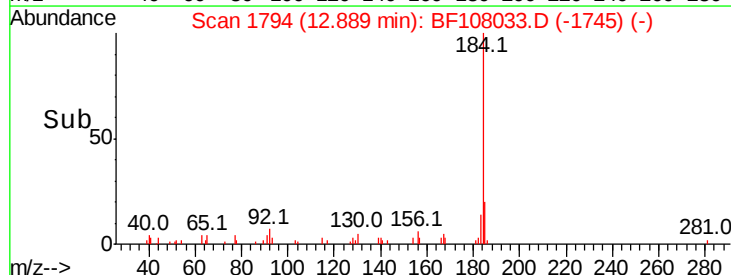
183 13.9 9.3 13.9

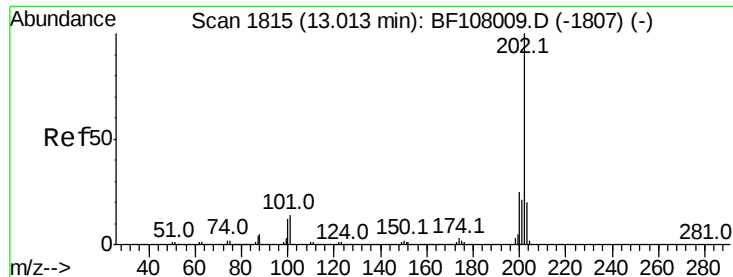


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

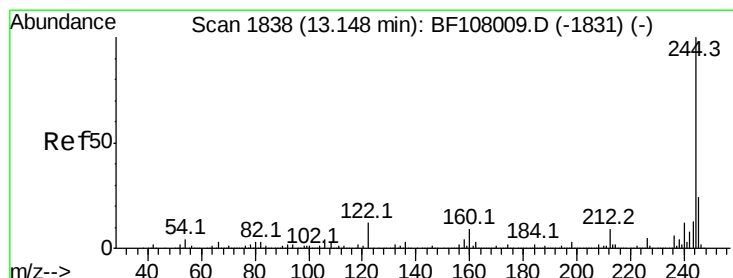
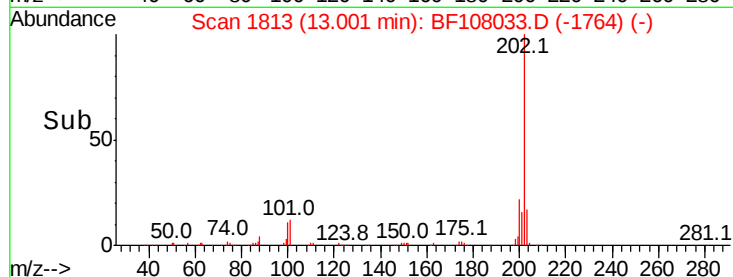
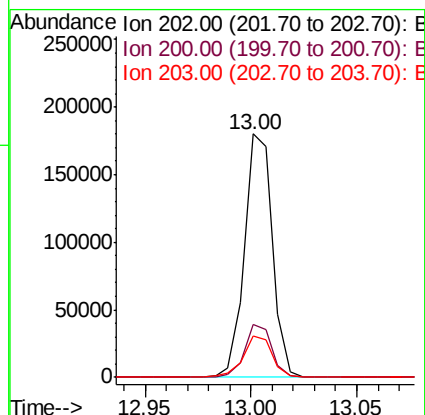
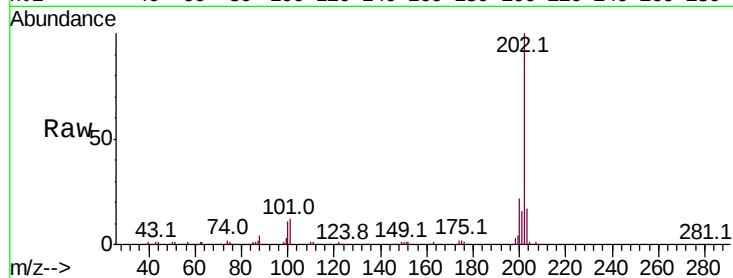




#77
Pvrene
Concen: 2.325 ng
RT: 13.00 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BF108033.D
Acq: 8 Aug 2018 21:31

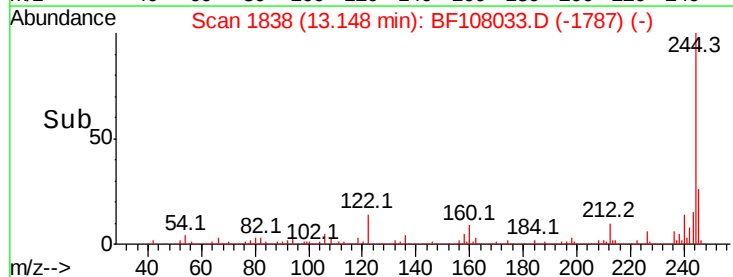
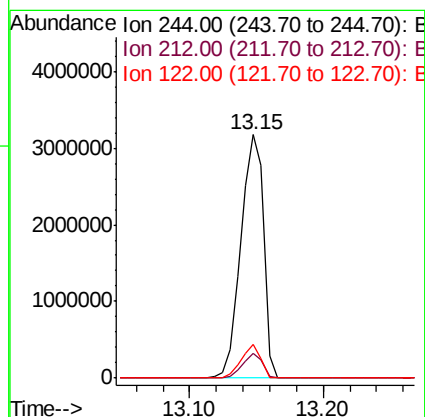
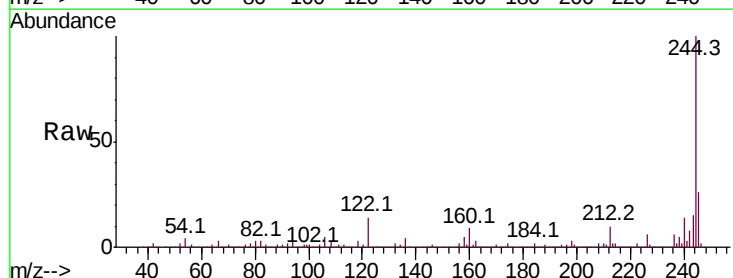
Instrument :
BNA_F
ClientSampleId :

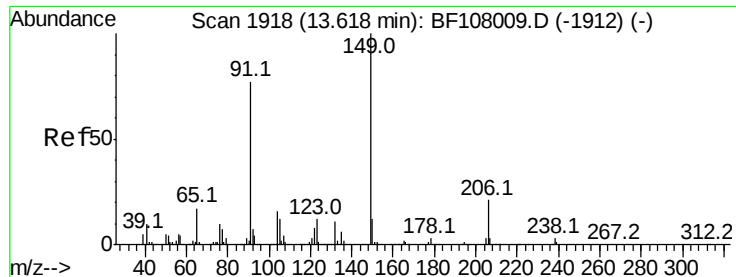
Tot Ion:202 Resp: 164382
Ion Ratio Lower Upper
202 100
200 21.6 17.4 26.2
203 17.0 14.3 21.5



#78
Terphenyl-d14
Concen: 84.970 ng
RT: 13.15 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BF108033.D
Acq: 8 Aug 2018 21:31

Tgt Ion:244 Resp: 3731667
Ion Ratio Lower Upper
244 100
212 10.0 5.4 8.0#
122 14.0 11.0 16.4

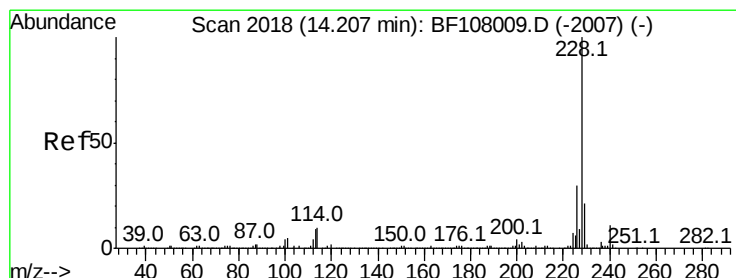
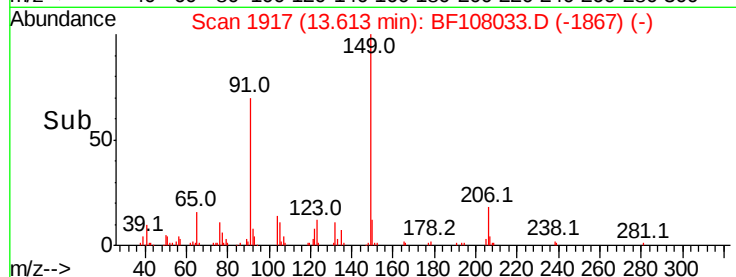
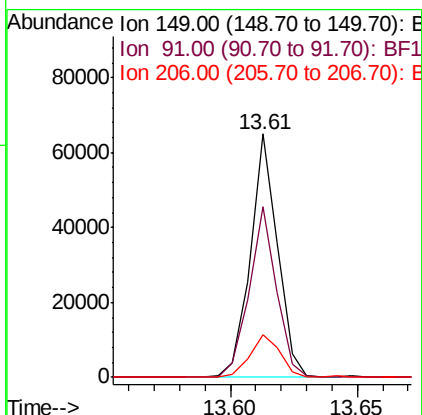
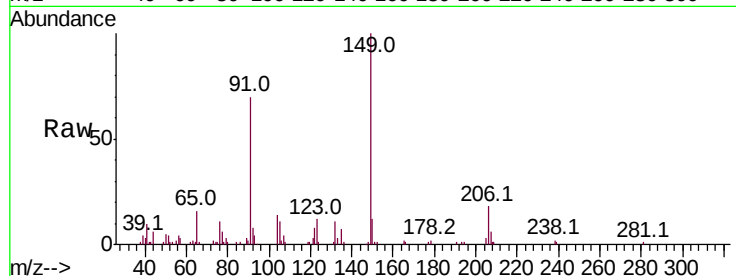




#79
Butylbenzylphthalate
Concen: 1.729 ng
RT: 13.61 min Scan# 1917
Delta R.T. -0.01 min
Lab File: BF108033.D
Acq: 8 Aug 2018 21:31

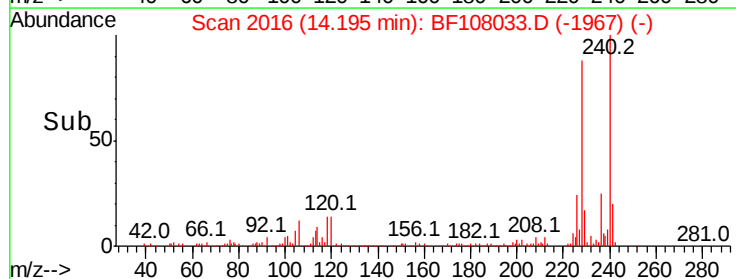
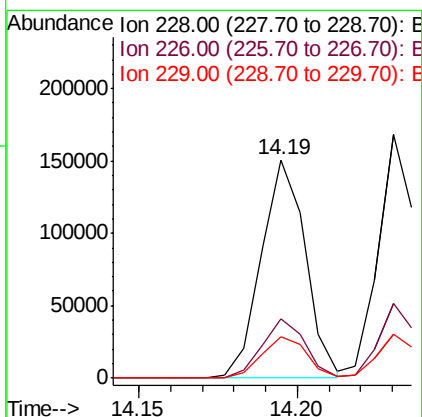
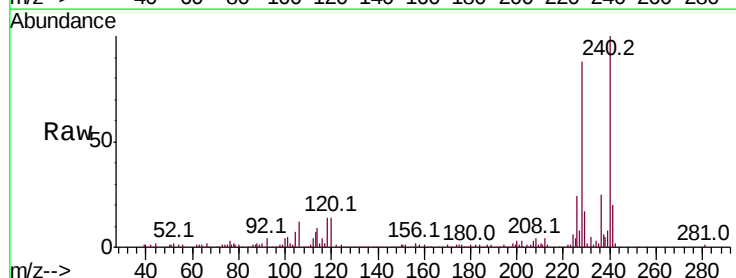
Instrument :
BNA_F
ClientSampleId :

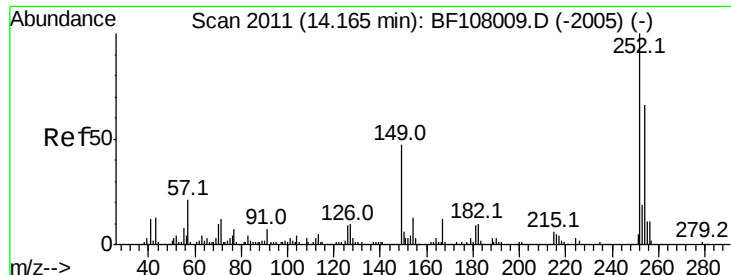
Tot Ion	Ratio	Lower	Upper
149	100		
91	70.0	56.8	85.2
206	17.6	14.1	21.1



#80
Benzo(a)anthracene
Concen: 2.286 ng
RT: 14.19 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF108033.D
Acq: 8 Aug 2018 21:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.6	33.8
229	19.2	15.8	23.6

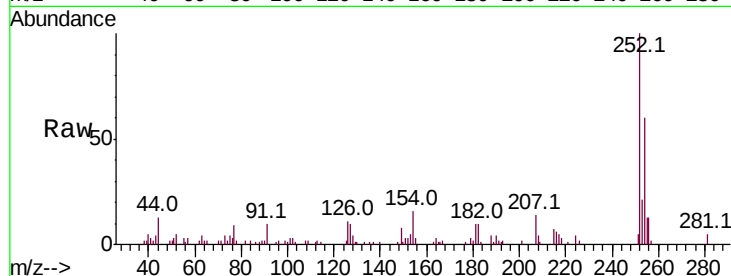




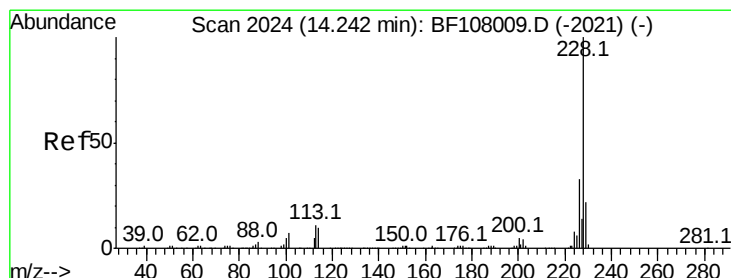
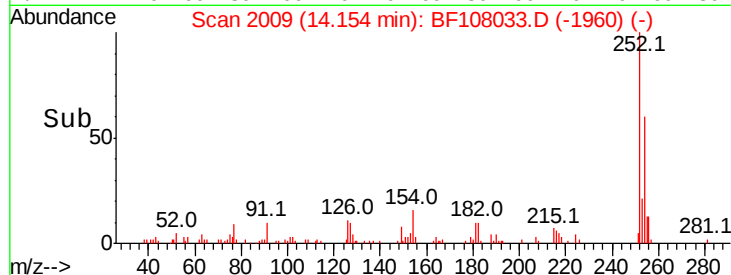
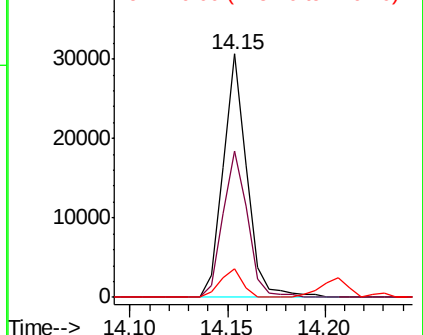
#81
 3,3'-Dichlorobenzidine
 Concen: 1.127 ng
 RT: 14.15 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BF108033.D
 Acq: 8 Aug 2018 21:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 25883
 Ion Ratio Lower Upper
 252 100
 254 60.3 50.4 75.6
 126 11.5 11.3 16.9

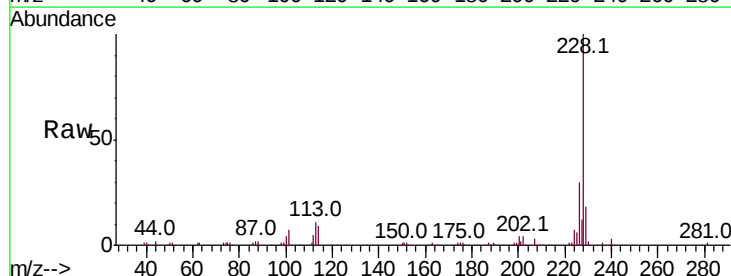


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

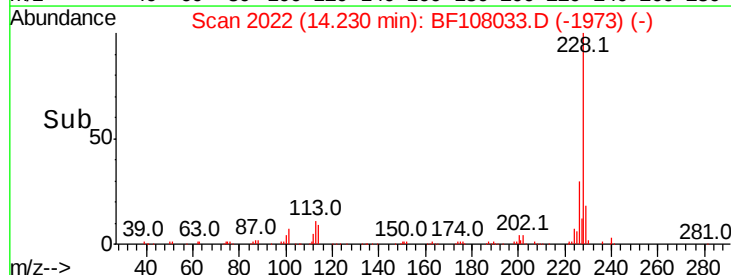
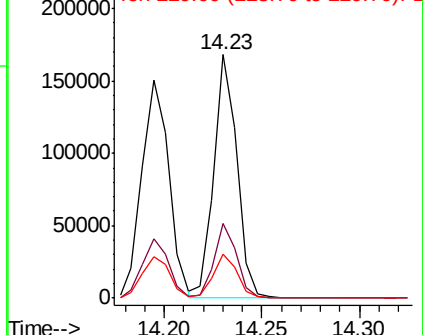


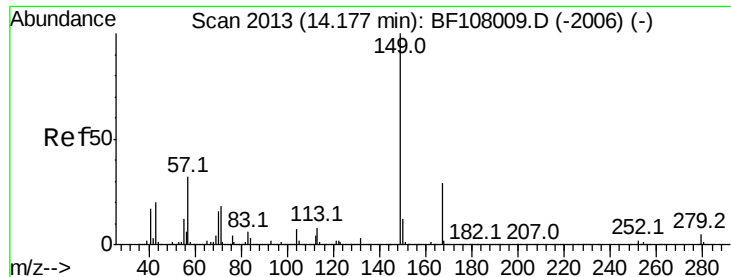
#82
 Chrysene
 Concen: 2.352 ng
 RT: 14.23 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF108033.D
 Acq: 8 Aug 2018 21:31

Tgt Ion:228 Resp: 138167
 Ion Ratio Lower Upper
 228 100
 226 30.5 25.0 37.6
 229 18.2 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

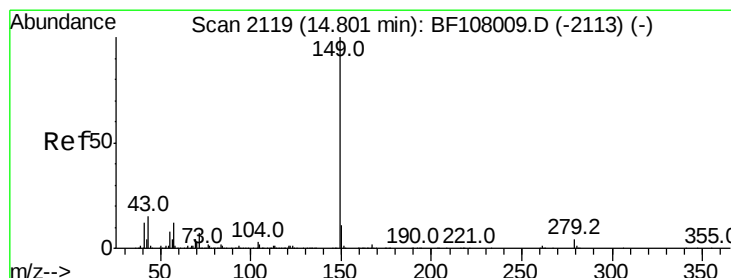
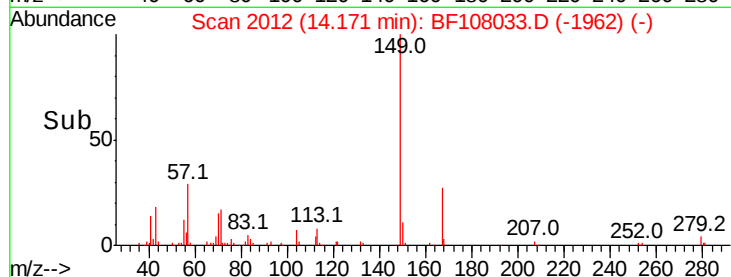
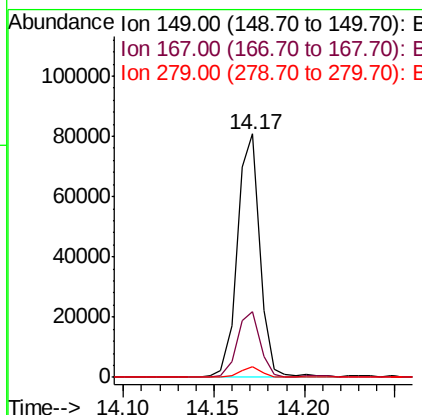
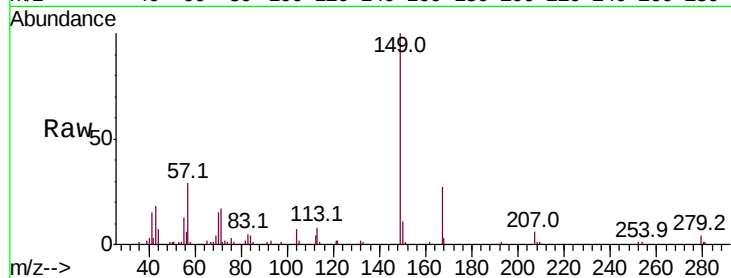




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 1.847 ng
 RT: 14.17 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BF108033.D
 Acq: 8 Aug 2018 21:31

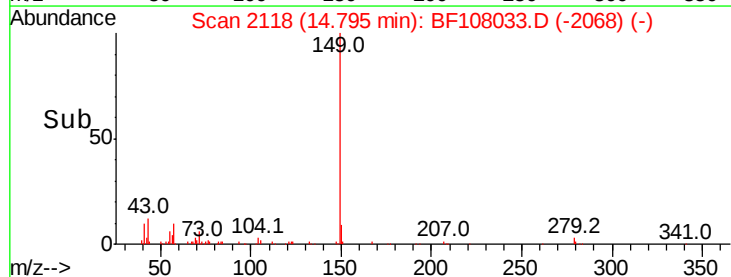
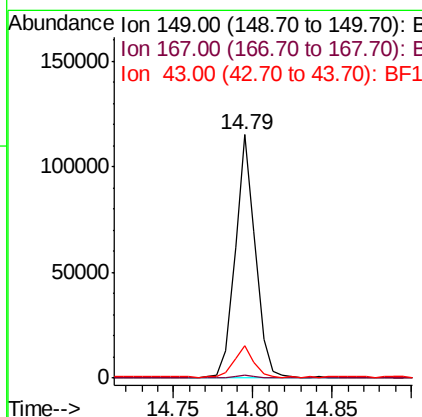
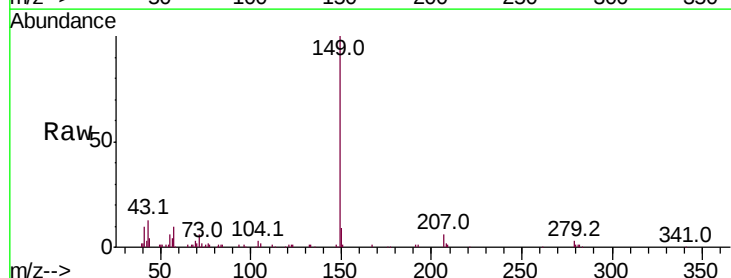
Instrument :
 BNA_F
 ClientSampleId :

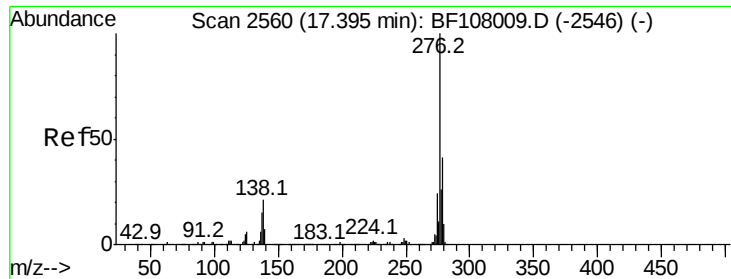
Tot Ion:149 Resp: 70197
 Ion Ratio Lower Upper
 149 100
 167 27.1 21.3 31.9
 279 4.2 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 1.746 ng
 RT: 14.79 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: BF108033.D
 Acq: 8 Aug 2018 21:31

Tgt Ion:149 Resp: 101220
 Ion Ratio Lower Upper
 149 100
 167 1.2 1.2 1.8#
 43 13.8 8.4 12.6#





#85

Indeno(1,2,3-cd)pyrene

Concen: 1.881 ng

RT: 17.37 min Scan# 2555

Delta R.T. -0.03 min

Lab File: BF108033.D

Acq: 8 Aug 2018 21:31

Instrument :

BNA_F

ClientSampled :

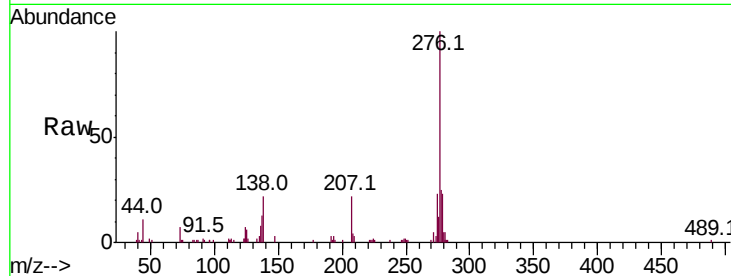
Tot Ion:276 Resp: 95755

Ion Ratio Lower Upper

276 100

138 23.5 25.0 37.6#

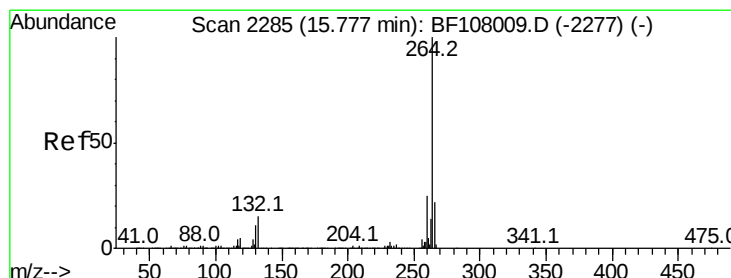
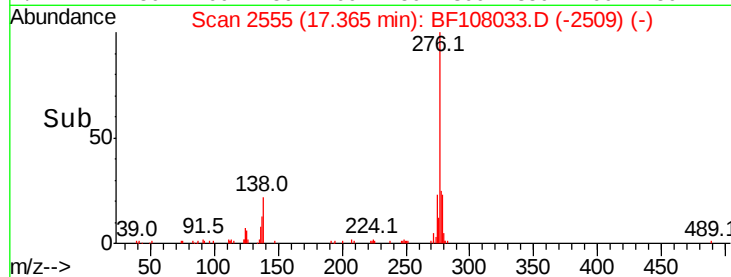
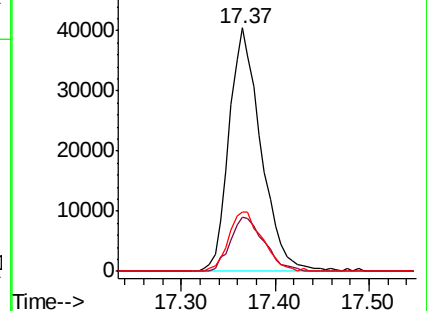
277 25.9 20.1 30.1



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: 15.77 min Scan# 2283

Delta R.T. -0.01 min

Lab File: BF108033.D

Acq: 8 Aug 2018 21:31

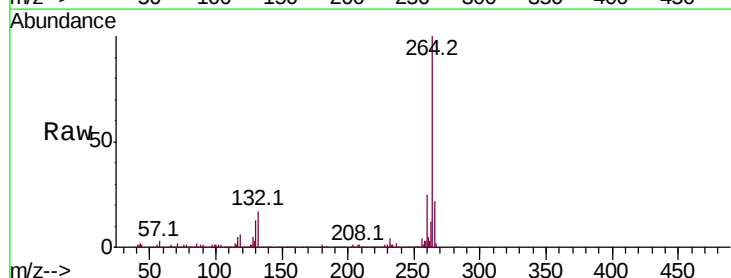
Tgt Ion:264 Resp: 945562

Ion Ratio Lower Upper

264 100

260 25.3 19.2 28.8

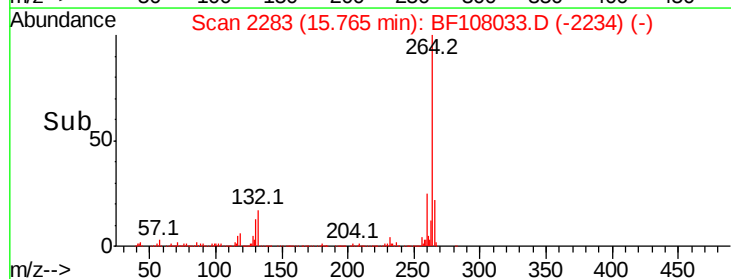
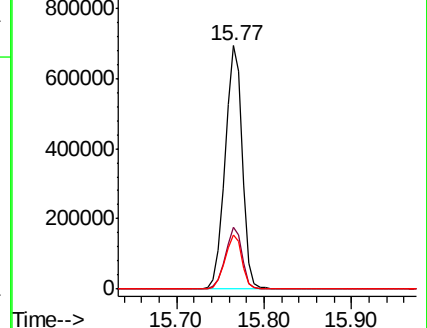
265 22.3 17.5 26.3

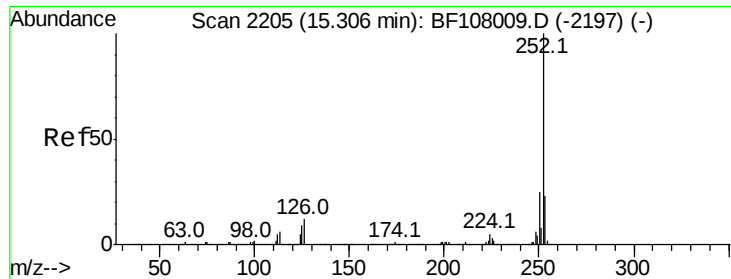


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

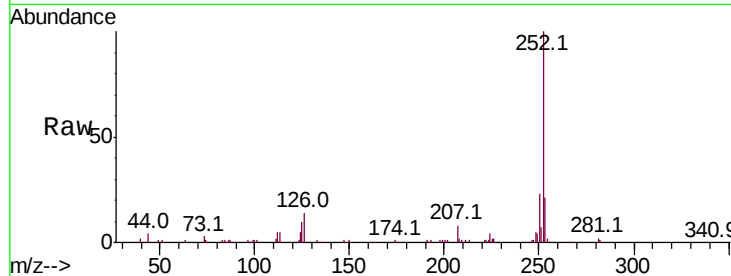




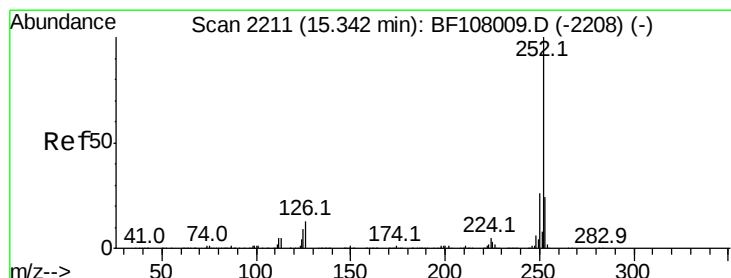
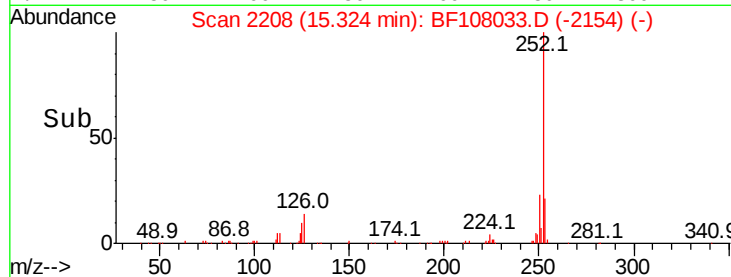
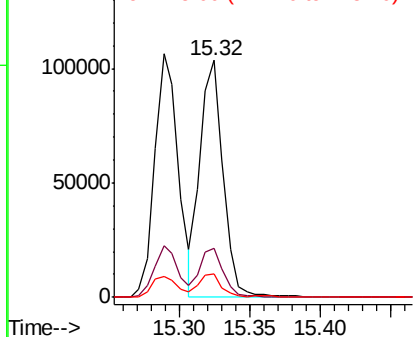
#87
Benzo(b)fluoranthene
Concen: 2.098 ng
RT: 15.32 min Scan# 2208
Delta R.T. 0.02 min
Lab File: BF108033.D
Acq: 8 Aug 2018 21:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.7	17.0	25.6
125	9.8	9.0	13.6

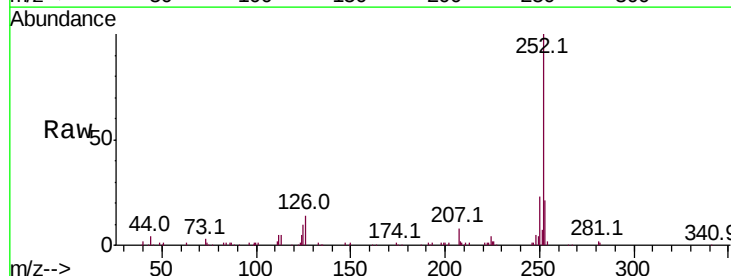


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

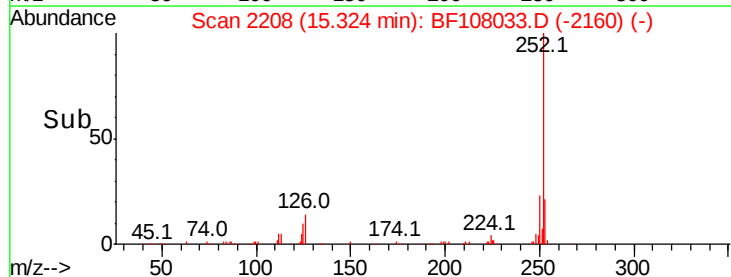
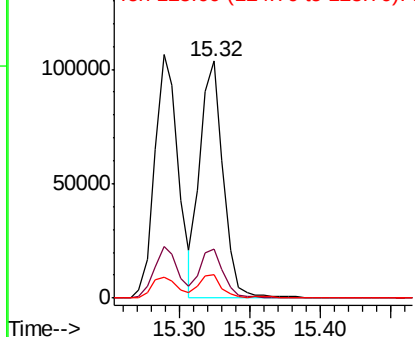


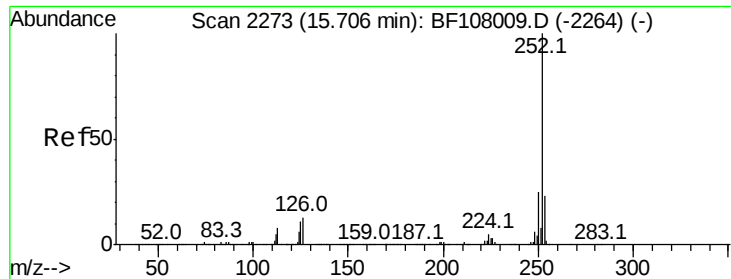
#88
Benzo(k)fluoranthene
Concen: 2.283 ng
RT: 15.32 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BF108033.D
Acq: 8 Aug 2018 21:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.7	17.9	26.9
125	9.8	10.2	15.2#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

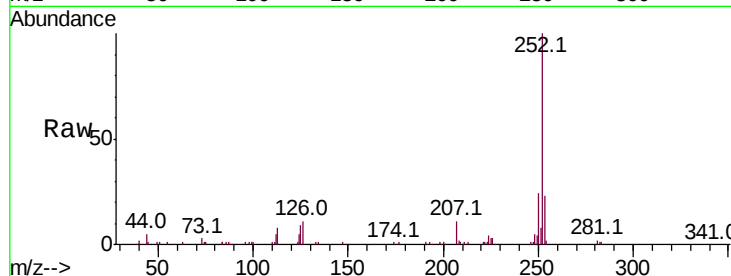




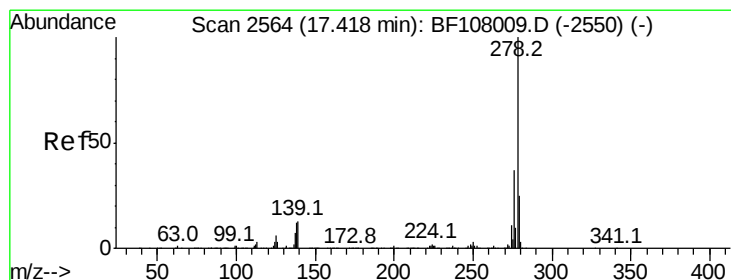
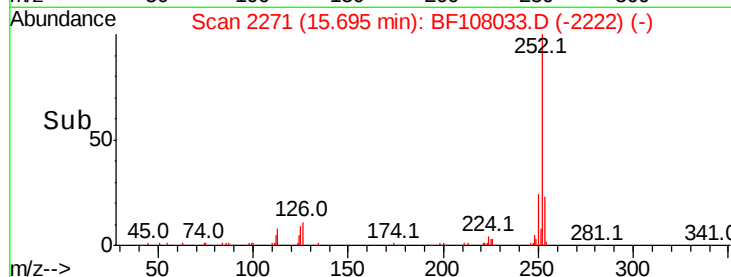
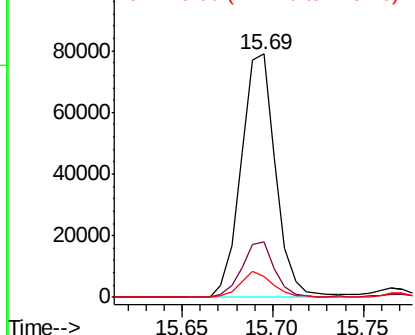
#89
Benzo(a)pyrene
Concen: 2.068 ng
RT: 15.69 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF108033.D
Acq: 8 Aug 2018 21:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 104618
Ion Ratio Lower Upper
252 100
253 22.9 17.1 25.7
125 8.8 9.8 14.6#

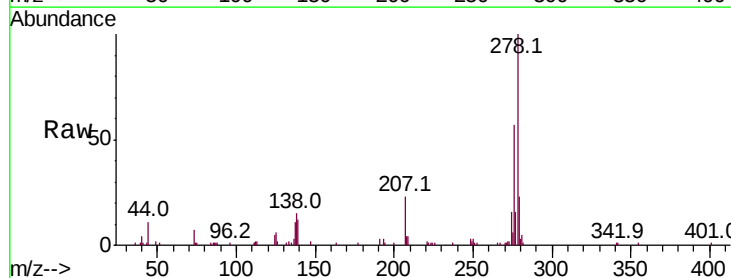


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

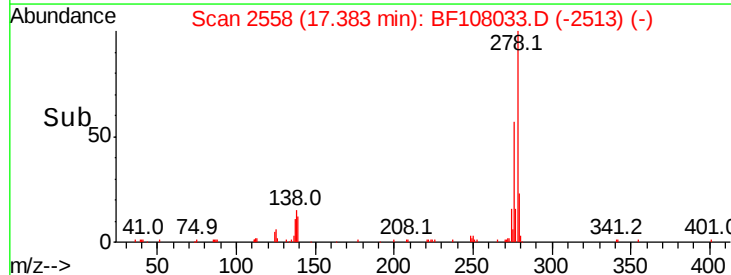
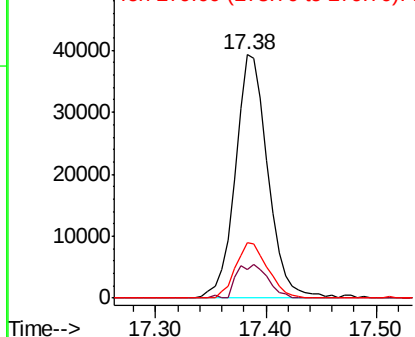


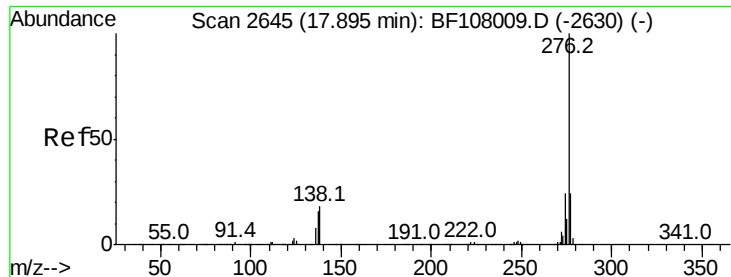
#90
Dibenzo(a,h)anthracene
Concen: 1.943 ng
RT: 17.38 min Scan# 2558
Delta R.T. -0.04 min
Lab File: BF108033.D
Acq: 8 Aug 2018 21:31

Tgt Ion:278 Resp: 81342
Ion Ratio Lower Upper
278 100
139 11.5 15.9 23.9#
279 22.6 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 1.930 ng
 RT: 17.85 min Scan# 2638
 Delta R.T. -0.04 min
 Lab File: BF108033.D
 Acq: 8 Aug 2018 21:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.7	17.9	26.9
138	20.0	21.8	32.8#

