

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081518\
 Data File : BF108159.D
 Acq On : 15 Aug 2018 11:43
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 15 13:22:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	225187	20.00	ng	0.01
21) Naphthalene-d8	8.31	136	874192	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	441481	20.00	ng	0.00
63) Phenanthrene-d10	11.57	188	861716	20.00	ng	0.00
75) Chrysene-d12	14.22	240	583020	20.00	ng	0.00
86) Perylene-d12	15.79	264	469275	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.65	112	1023728	82.31	ng	0.02
7) Phenol-d6	6.65	99	1349194	81.63	ng	0.02
23) Nitrobenzene-d5	7.59	82	1286657	82.13	ng	0.01
41) 2,4,6-Tribromophenol	10.87	330	386730	87.82	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2236901	81.35	ng	0.00
78) Terphenyl-d14	13.15	244	2098058	91.50	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.93	88	251206	39.305	ng	89
3) Pyridine	3.71	79	646980	39.298	ng	87
4) n-Nitrosodimethylamine	3.67	42	350090	37.790	ng	84
6) Aniline	6.69	93	922108	41.014	ng	97
8) 2-Chlorophenol	6.81	128	579005	41.332	ng	99
9) Benzaldehyde	6.58	77	495688	38.681	ng	96
10) Phenol	6.66	94	698570	40.859	ng	91
11) bis(2-Chloroethyl)ether	6.75	93	561709	40.638	ng	92
12) 1,3-Dichlorobenzene	6.97	146	662877	40.924	ng	100
13) 1,4-Dichlorobenzene	7.04	146	661536	40.649	ng	97
14) 1,2-Dichlorobenzene	7.20	146	609726	40.279	ng	97
15) Benzyl Alcohol	7.16	79	562031	40.392	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.29	45	1087282	38.184	ng	97
17) 2-Methylphenol	7.27	107	486120	40.465	ng	95
18) Hexachloroethane	7.54	117	243393	42.009	ng	90
19) n-Nitroso-di-n-propylamine	7.43	70	431525	38.608	ng	# 88
20) 3+4-Methylphenols	7.42	107	608107	39.501	ng	# 90
22) Acetophenone	7.43	105	809881	39.621	ng	# 92
24) Nitrobenzene	7.61	77	645894	40.772	ng	96
25) Isophorone	7.84	82	1181040	39.552	ng	96
26) 2-Nitrophenol	7.92	139	282038	47.143	ng	91
27) 2,4-Dimethylphenol	7.95	122	530436	40.024	ng	98
28) bis(2-Chloroethoxy)methane	8.04	93	700606	40.191	ng	99
29) 2,4-Dichlorophenol	8.16	162	503482	41.282	ng	98
30) 1,2,4-Trichlorobenzene	8.25	180	546285	40.626	ng	96
31) Naphthalene	8.33	128	1605704	40.389	ng	98
32) Benzoic acid	8.07	122	262678	35.879	ng	94
33) 4-Chloroaniline	8.37	127	700511	40.432	ng	96
34) Hexachlorobutadiene	8.44	225	345187	40.551	ng	99
35) Caprolactam	8.76	113	154996	40.554	ng	87
36) 4-Chloro-3-methylphenol	8.85	107	524787	39.887	ng	97
37) 2-Methylnaphthalene	9.02	142	1122656	39.912	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	565933	41.743	ng	98
40) Hexachlorocyclopentadiene	9.17	237	349051	39.860	ng	100

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 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	371164	44.118	ng	98
43) 2,4,5-Trichlorophenol	9.34	196	405085	43.740	ng	95
45) 1,1'-Biphenyl	9.48	154	1340775	41.191	ng	99
46) 2-Chloronaphthalene	9.51	162	1060911	41.238	ng	99
47) 2-Nitroaniline	9.61	65	362619	43.562	ng	86
48) Acenaphthylene	9.94	152	1674304	41.166	ng	98
49) Dimethylphthalate	9.78	163	1235762	40.184	ng	# 99
50) 2,6-Dinitrotoluene	9.85	165	280125	43.538	ng	91
51) Acenaphthene	10.11	154	1021988	41.025	ng	99
52) 3-Nitroaniline	10.02	138	298866	42.454	ng	96
53) 2,4-Dinitrophenol	10.12	184	103280	46.149	ng	# 19
54) Dibenzofuran	10.28	168	1452427	40.243	ng	95
55) 4-Nitrophenol	10.17	139	226687	42.524	ng	85
56) 2,4-Dinitrotoluene	10.25	165	364991	44.071	ng	# 91
57) Fluorene	10.62	166	1156276	40.471	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.39	232	334659	43.233	ng	# 85
59) Diethylphthalate	10.48	149	1177013	39.525	ng	94
60) 4-Chlorophenyl-phenylether	10.61	204	594764	39.951	ng	94
61) 4-Nitroaniline	10.64	138	297913	42.804	ng	93
62) Azobenzene	10.77	77	1214054	39.477	ng	92
64) 4,6-Dinitro-2-methylphenol	10.67	198	141970	44.343	ng	94
65) n-Nitrosodiphenylamine	10.73	169	1047916	41.152	ng	96
66) 4-Bromophenyl-phenylether	11.10	248	386155	41.236	ng	# 88
67) Hexachlorobenzene	11.17	284	404791	41.083	ng	# 89
68) Atrazine	11.25	200	353363	41.373	ng	94
69) Pentachlorophenol	11.37	266	189680	40.220	ng	97
70) Phenanthrene	11.59	178	1665146	40.969	ng	98
71) Anthracene	11.65	178	1707955	41.000	ng	98
72) Carbazole	11.80	167	1504765	40.657	ng	99
73) Di-n-butylphthalate	12.11	149	1740964	41.528	ng	99
74) Fluoranthene	12.79	202	1749805	39.447	ng	95
76) Benzidine	12.91	184	1025911	47.097	ng	99
77) Pyrene	13.02	202	1730321	46.878	ng	98
79) Butylbenzylphthalate	13.62	149	678443	46.288	ng	94
80) Benzo(a)anthracene	14.21	228	1380184	41.250	ng	98
81) 3,3'-Dichlorobenzidine	14.17	252	494527	41.242	ng	# 97
82) Chrysene	14.25	228	1254408	40.893	ng	99
83) Bis(2-ethylhexyl)phthalate	14.17	149	797846	40.198	ng	99
84) Di-n-octyl phthalate	14.80	149	1210735	39.998	ng	96
85) Indeno(1,2,3-cd)pyrene	17.42	276	1175447	44.225	ng	# 91
87) Benzo(b)fluoranthene	15.32	252	1098498	39.175	ng	96
88) Benzo(k)fluoranthene	15.35	252	1068715	41.461	ng	# 96
89) Benzo(a)pyrene	15.72	252	1038306	41.350	ng	# 96
90) Dibenzo(a,h)anthracene	17.44	278	961561	46.282	ng	# 94
91) Benzo(g,h,i)perylene	17.92	276	990865	48.434	ng	# 90

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

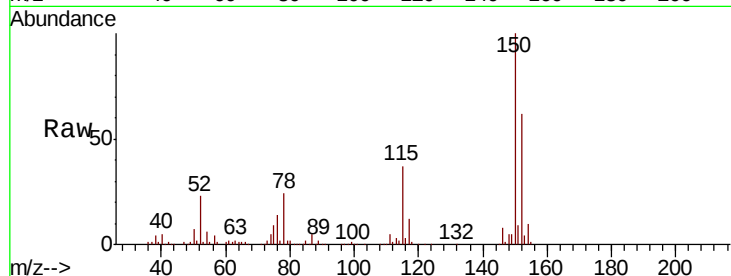


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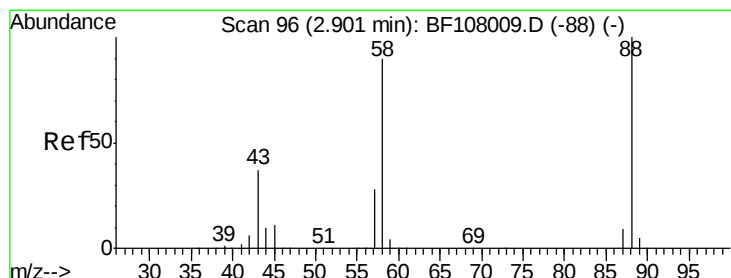
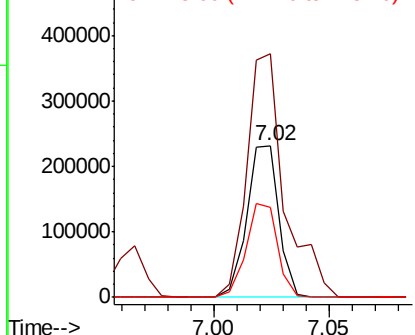
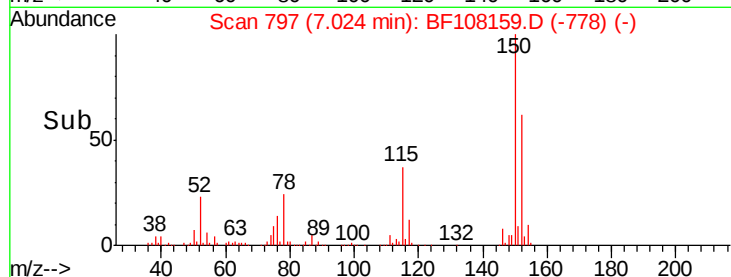
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 797
Delta R.T. 0.01 min
Lab File: BF108159.D
Acq: 15 Aug 2018 11:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.2	124.6	186.8
115	59.3	50.1	75.1



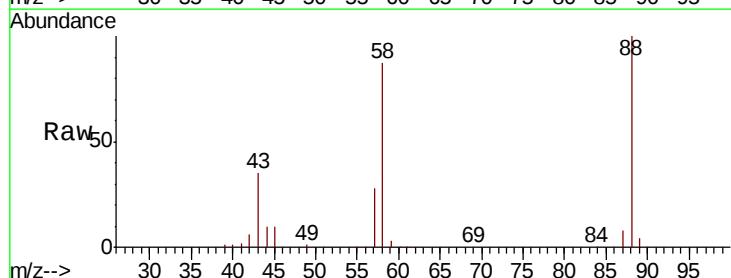
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



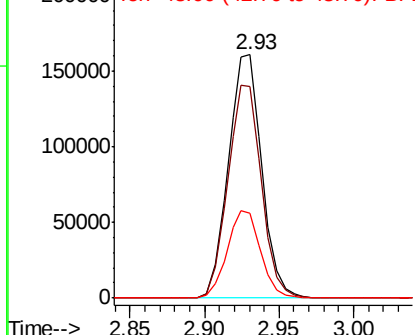
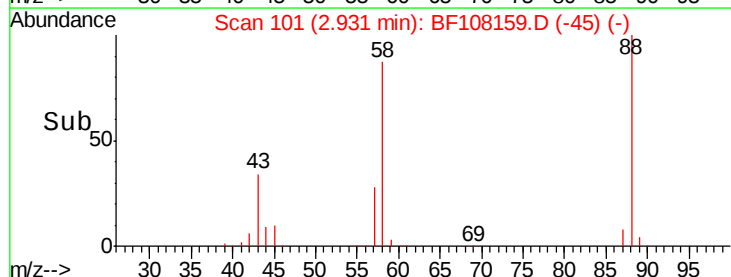
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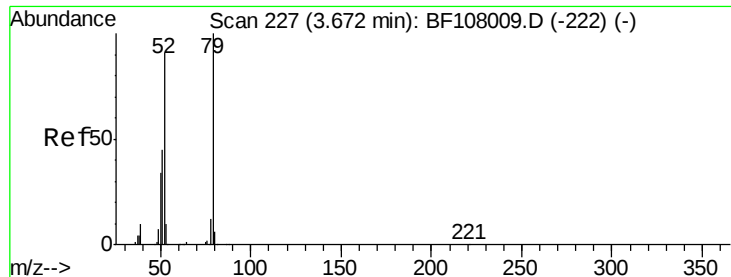
1,4-Dioxane
Concen: 39.305 ng
RT: 2.93 min Scan# 101
Delta R.T. 0.03 min
Lab File: BF108159.D
Acq: 15 Aug 2018 11:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.1	62.6	93.8
43	36.0	24.6	37.0



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





#3

Pvridine

Concen: 39.298 ng

RT: 3.71 min Scan# 233

Delta R.T. 0.04 min

Lab File: BF108159.D

Acq: 15 Aug 2018 11:43

Instrument :

BNA_F

ClientSampleId :

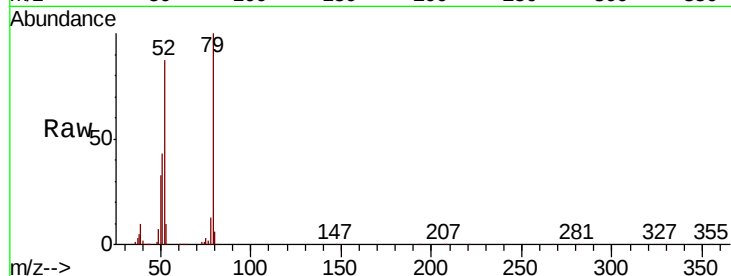
Tot Ion: 79 Resp: 646980

Ion Ratio Lower Upper

79 100

52 87.3 59.8 89.6

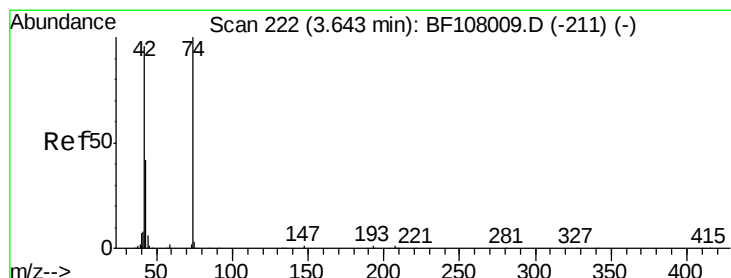
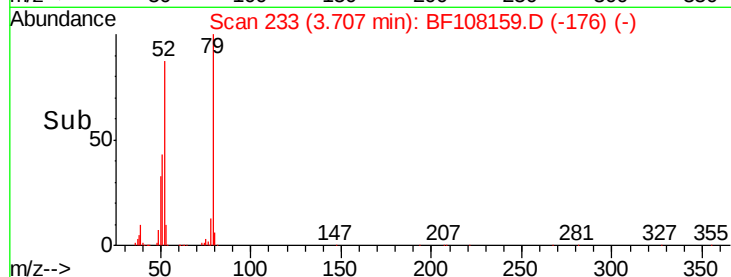
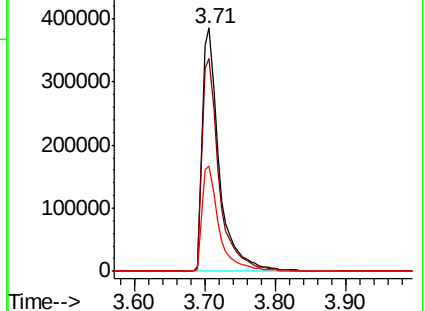
51 43.4 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 37.790 ng

RT: 3.67 min Scan# 227

Delta R.T. 0.03 min

Lab File: BF108159.D

Acq: 15 Aug 2018 11:43

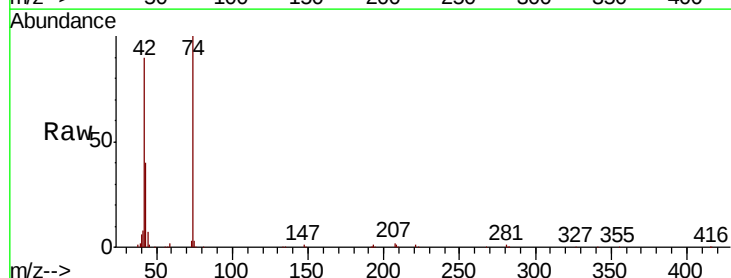
Tgt Ion: 42 Resp: 350090

Ion Ratio Lower Upper

42 100

74 111.2 104.9 157.3

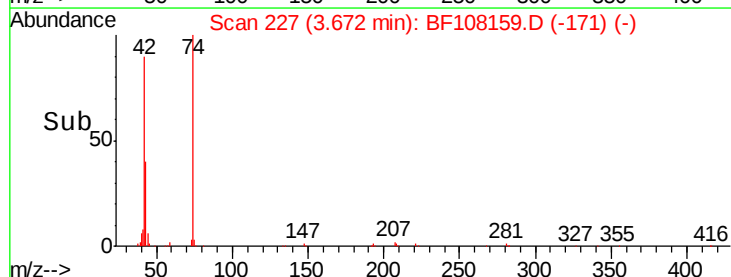
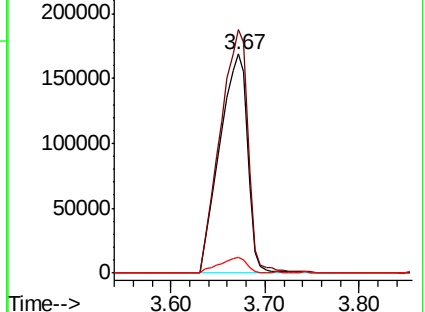
44 7.3 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 82.306 ng

RT: 5.65 min Scan# 563

Delta R.T. 0.02 min

Lab File: BF108159.D

Acq: 15 Aug 2018 11:43

Instrument :
BNA_F
ClientSampleId :

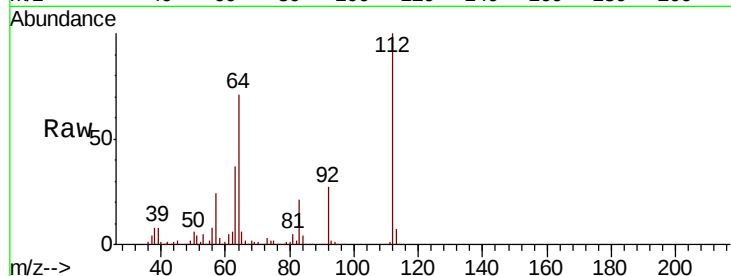
Tot Ion:112 Resp: 1023728

Ion Ratio Lower Upper

112 100

64 70.6 47.9 71.9

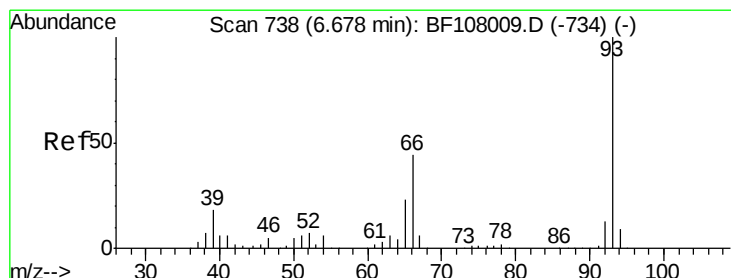
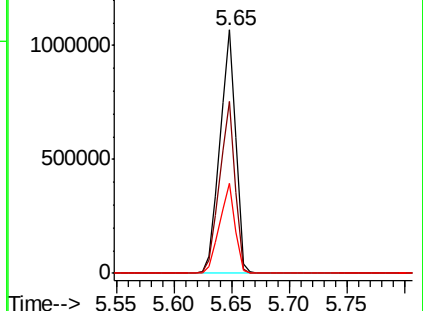
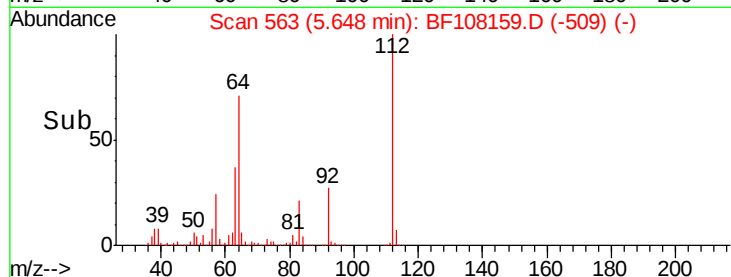
63 36.9 23.7 35.5#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 41.014 ng

RT: 6.69 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF108159.D

Acq: 15 Aug 2018 11:43

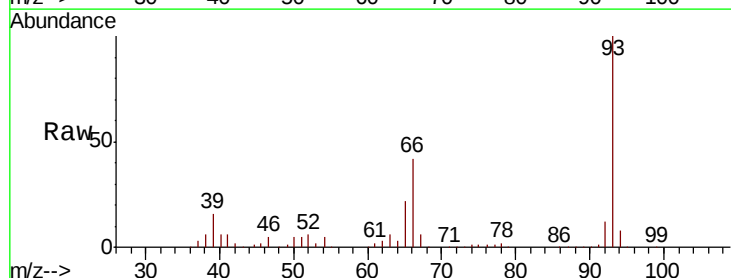
Tgt Ion: 93 Resp: 922108

Ion Ratio Lower Upper

93 100

66 42.2 32.2 48.2

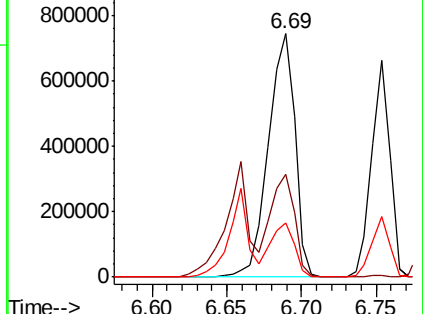
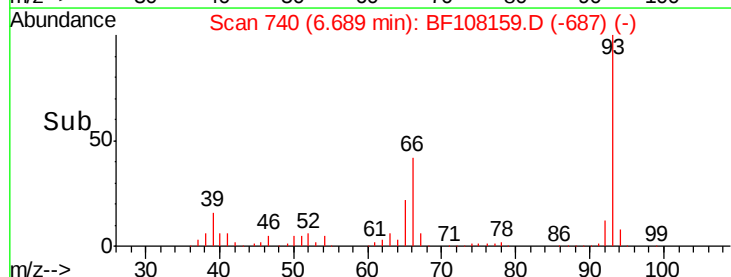
65 22.1 16.4 24.6

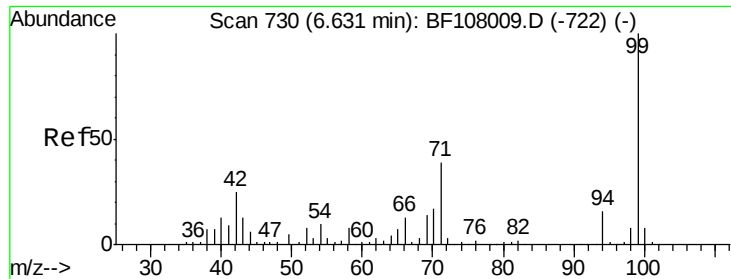


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 81.628 ng

RT: 6.65 min Scan# 733

Delta R.T. 0.02 min

Lab File: BF108159.D

Acq: 15 Aug 2018 11:43

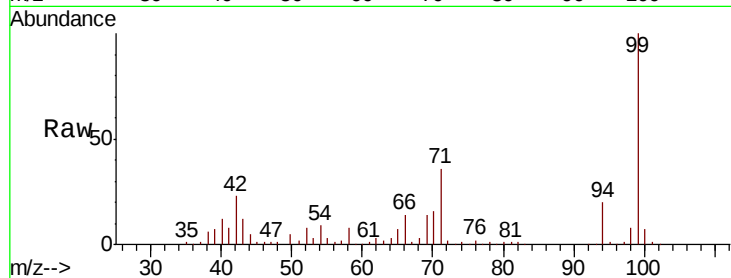
Instrument :

BNA_F

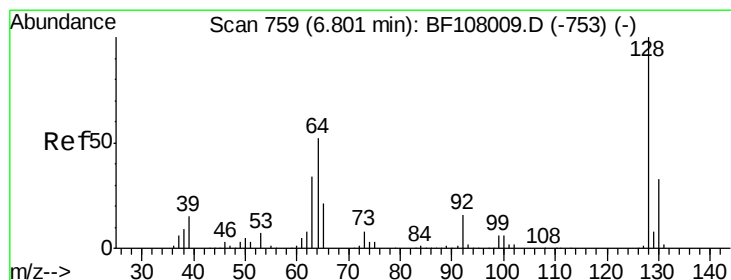
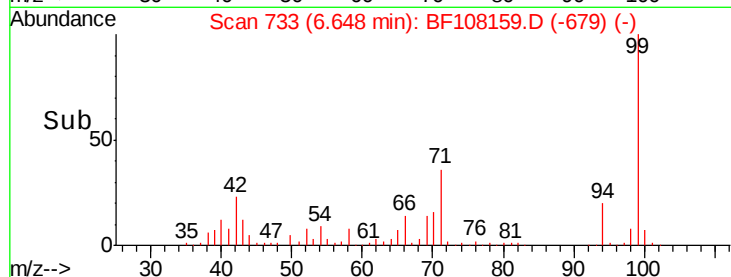
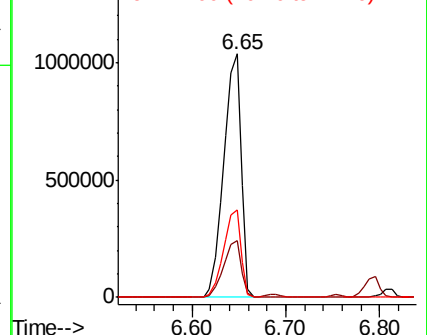
ClientSampleId :

Tot Ion: 99 Resp: 1349194

Ion	Ratio	Lower	Upper
99	100		
42	23.1	14.5	21.7#
71	36.1	25.4	38.0



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



#8

2-Chlorophenol

Concen: 41.332 ng

RT: 6.81 min Scan# 761

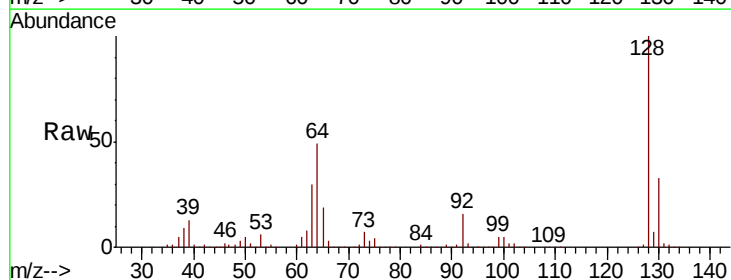
Delta R.T. 0.01 min

Lab File: BF108159.D

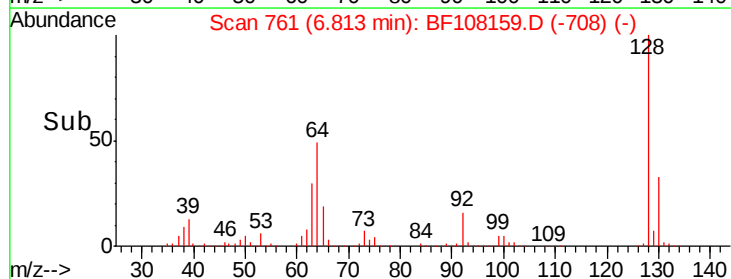
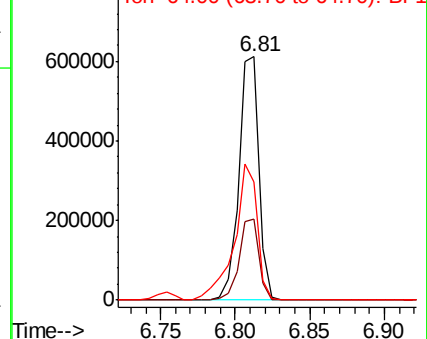
Acq: 15 Aug 2018 11:43

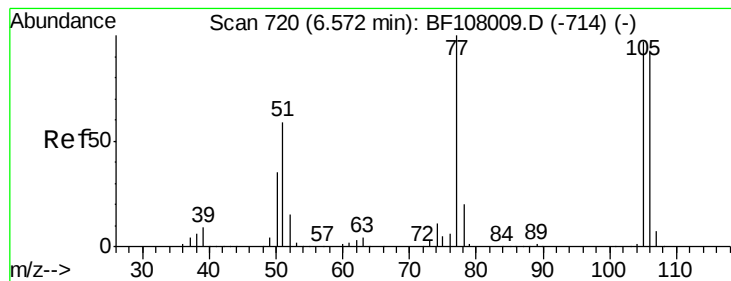
Tgt Ion: 128 Resp: 579005

Ion	Ratio	Lower	Upper
128	100		
130	33.3	13.0	53.0
64	48.6	29.4	69.4



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





#9

Benzaldehyde

Concen: 38.681 ng

RT: 6.58 min Scan# 721

Delta R.T. 0.01 min

Lab File: BF108159.D

Acq: 15 Aug 2018 11:43

Instrument :

BNA_F

ClientSampled :

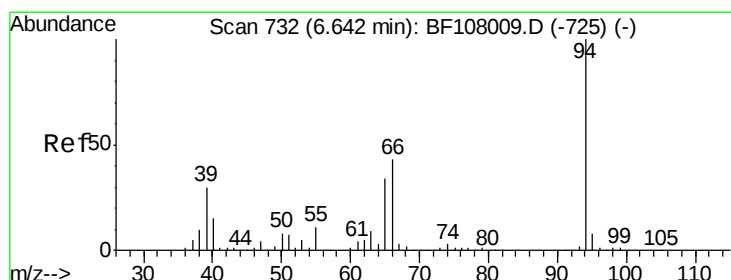
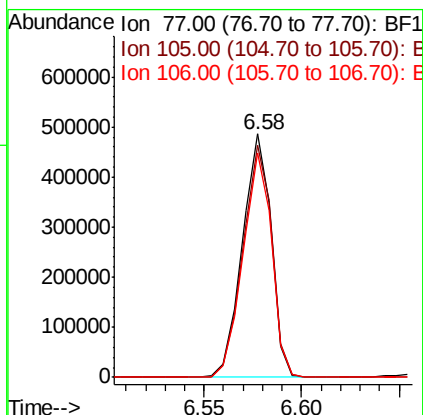
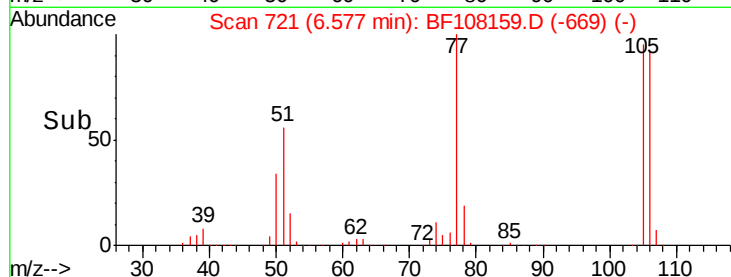
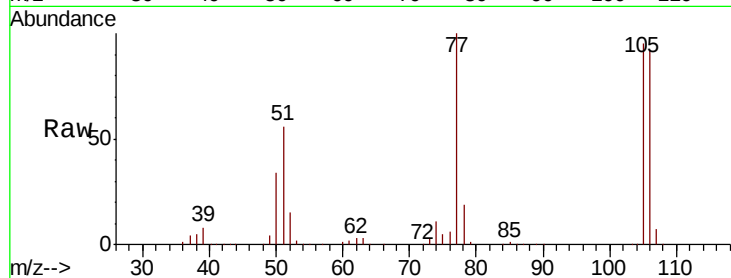
Tot Ion: 77 Resp: 495688

Ion Ratio Lower Upper

77 100

105 95.2 81.1 121.1

106 92.2 74.5 114.5



#10

Phenol

Concen: 40.859 ng

RT: 6.66 min Scan# 735

Delta R.T. 0.02 min

Lab File: BF108159.D

Acq: 15 Aug 2018 11:43

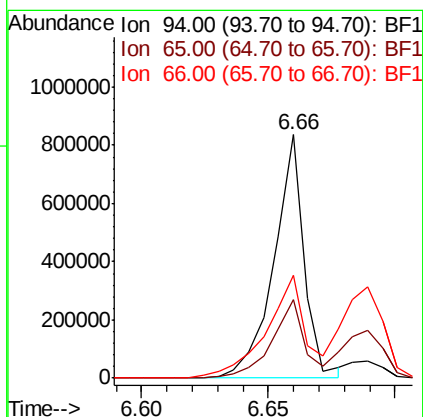
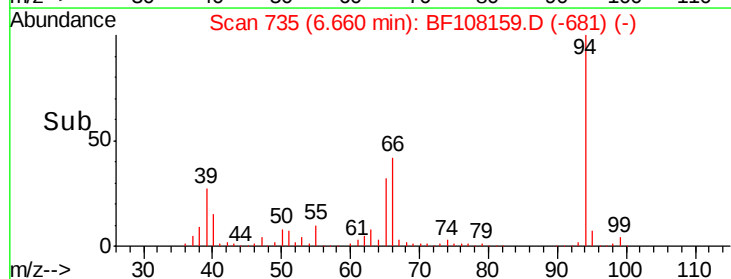
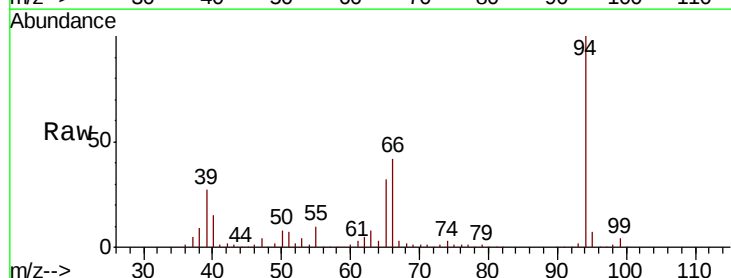
Tgt Ion: 94 Resp: 698570

Ion Ratio Lower Upper

94 100

65 32.3 7.9 47.9

66 42.1 16.2 56.2

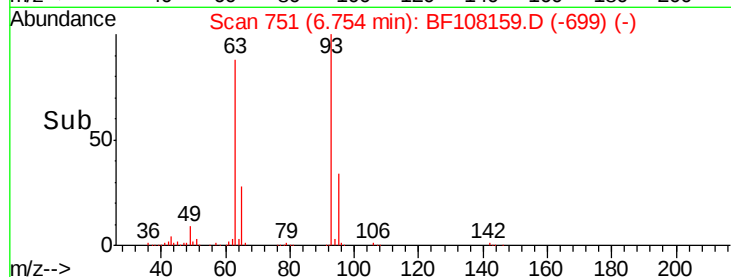
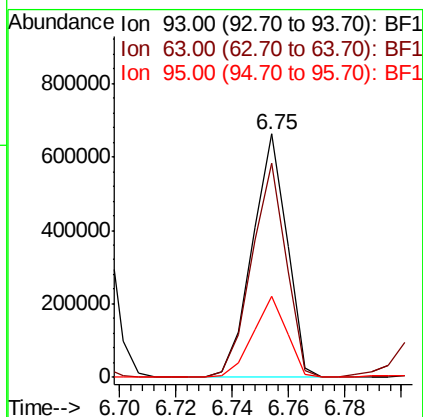
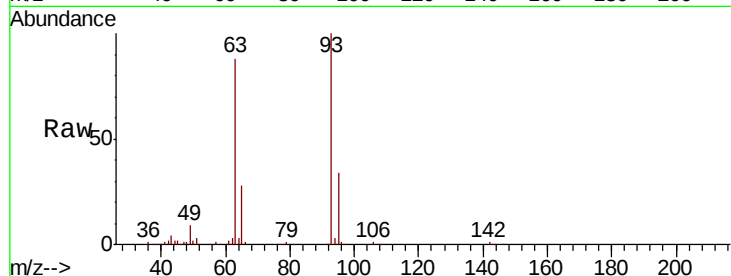




#11
bis(2-Chloroethyl)ether
Concen: 40.638 ng
RT: 6.75 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF108159.D
Acq: 15 Aug 2018 11:43

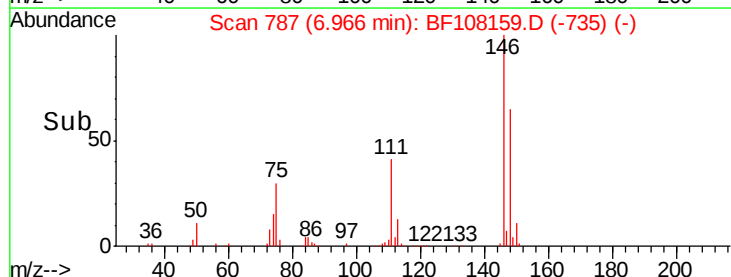
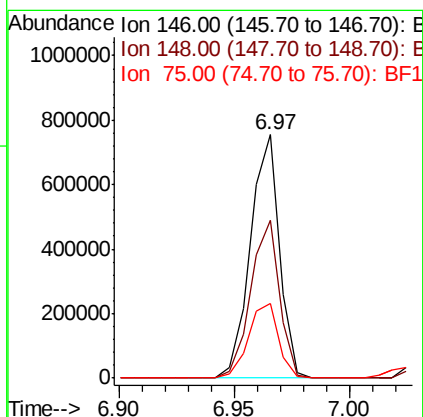
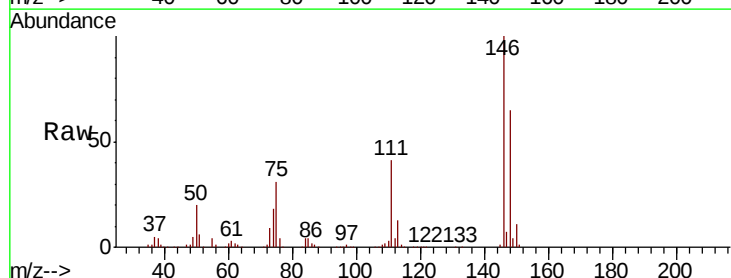
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	87.8	58.6	98.6
95	33.6	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 40.924 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.01 min
Lab File: BF108159.D
Acq: 15 Aug 2018 11:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.8	77.8
75	30.9	24.2	36.4

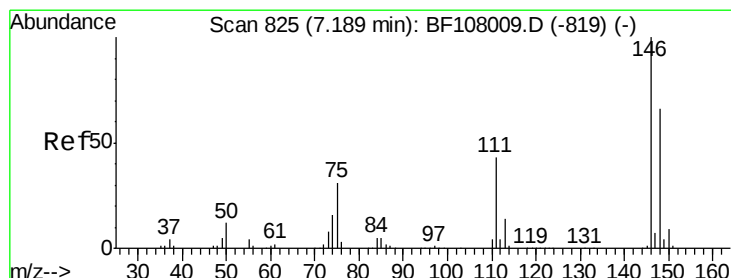
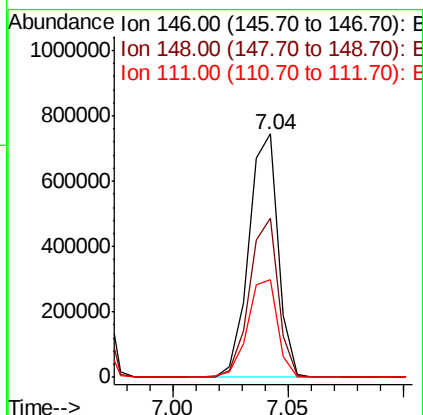
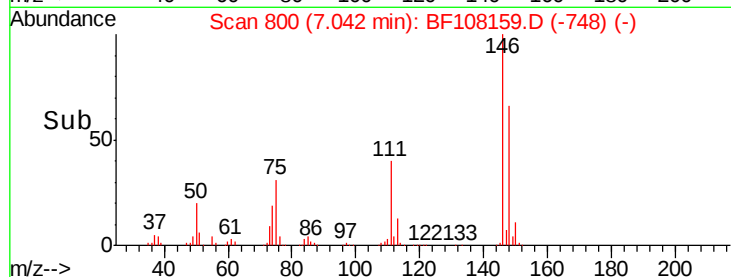
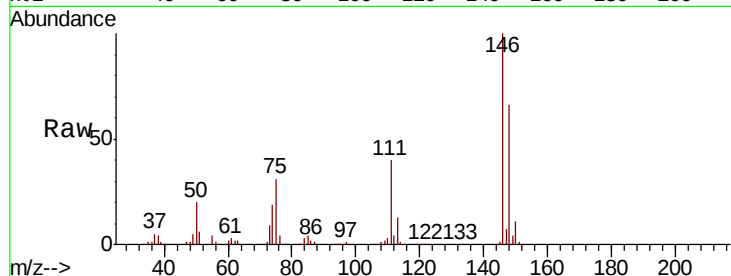




#13
 1,4-Dichlorobenzene
 Concen: 40.649 ng
 RT: 7.04 min Scan# 800
 Delta R.T. 0.01 min
 Lab File: BF108159.D
 Acq: 15 Aug 2018 11:43

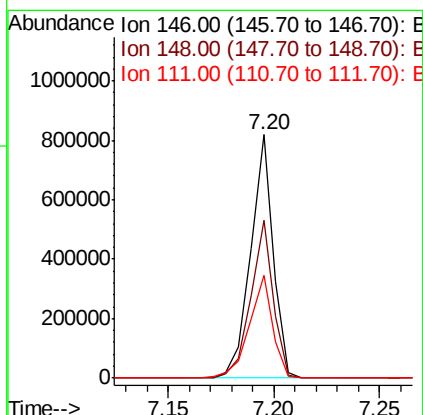
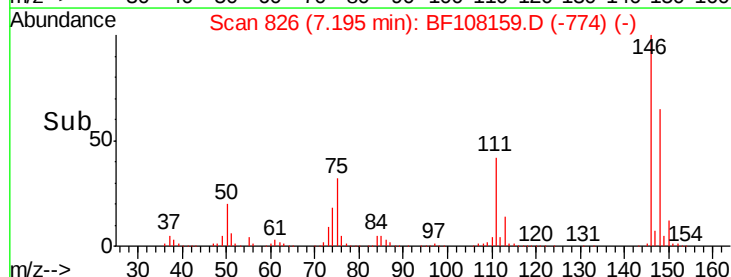
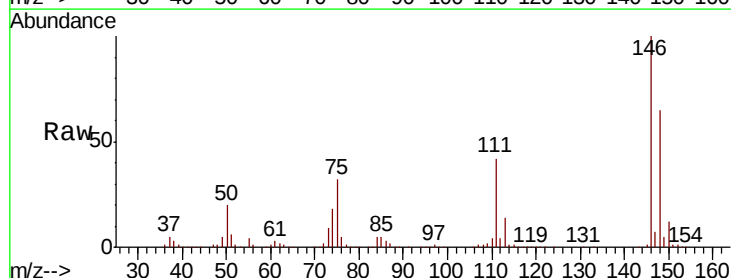
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.6	50.8	76.2
111	40.1	34.2	51.2



#14
 1,2-Dichlorobenzene
 Concen: 40.279 ng
 RT: 7.20 min Scan# 826
 Delta R.T. 0.01 min
 Lab File: BF108159.D
 Acq: 15 Aug 2018 11:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.6	75.8
111	42.4	36.0	54.0





#15

Benzyl Alcohol

Concen: 40.392 ng

RT: 7.16 min Scan# 820

Delta R.T. 0.01 min

Lab File: BF108159.D

Acq: 15 Aug 2018 11:43

Instrument :

BNA_F

ClientSampleId :

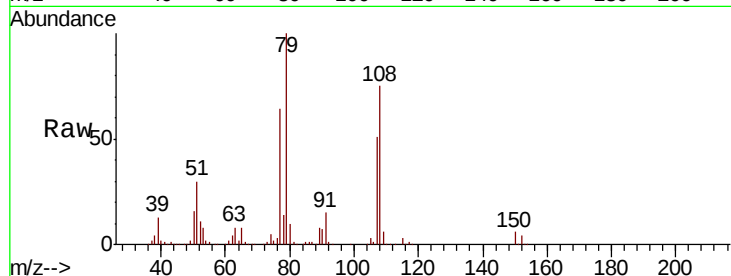
Tot Ion: 79 Resp: 562031

Ion Ratio Lower Upper

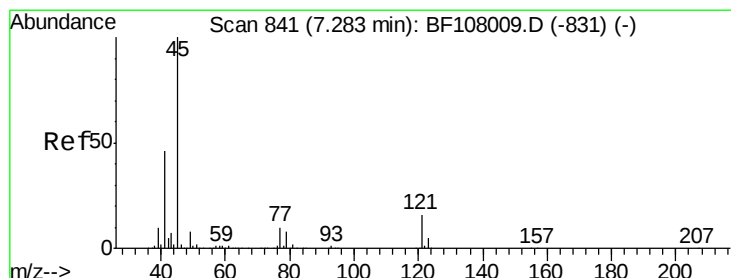
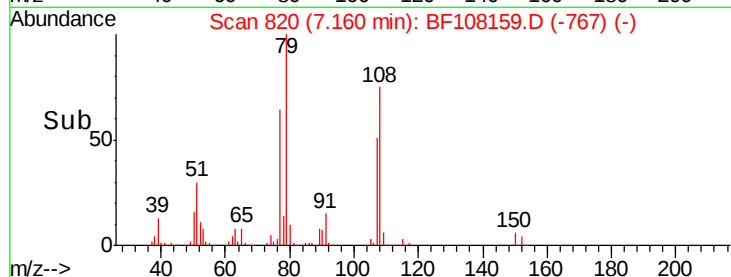
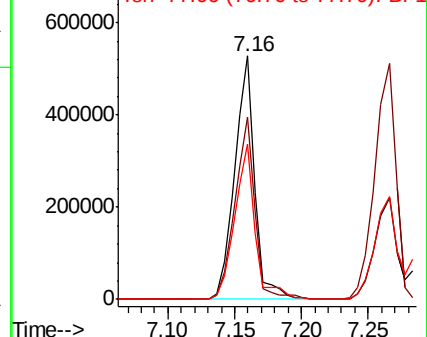
79 100

108 75.1 65.1 97.7

77 63.7 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.184 ng

RT: 7.29 min Scan# 842

Delta R.T. 0.01 min

Lab File: BF108159.D

Acq: 15 Aug 2018 11:43

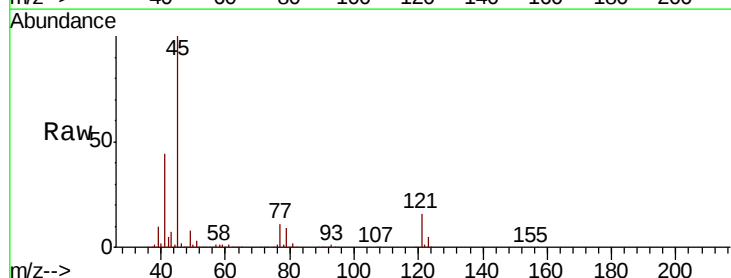
Tgt Ion: 45 Resp: 1087282

Ion Ratio Lower Upper

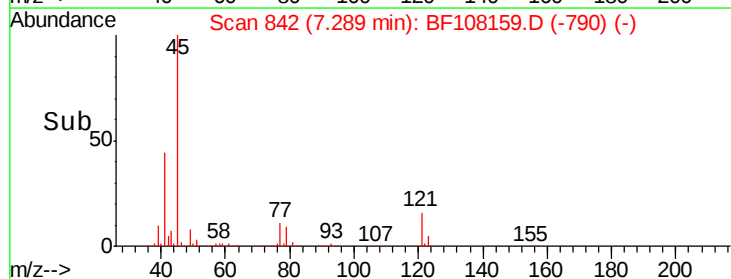
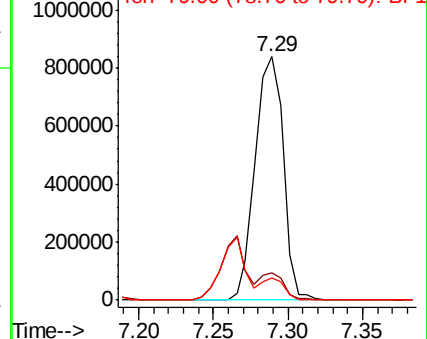
45 100

77 11.4 0.0 32.9

79 8.9 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 40.465 ng

RT: 7.27 min Scan# 838

Delta R.T. 0.02 min

Lab File: BF108159.D

Acq: 15 Aug 2018 11:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 486120

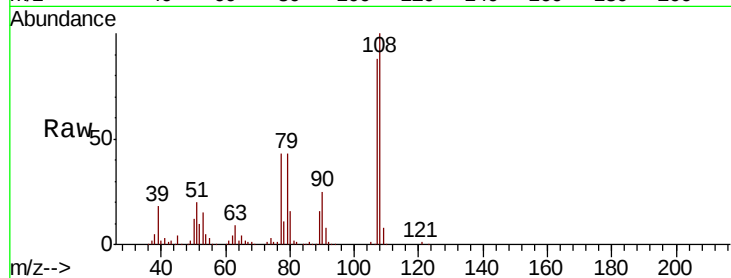
Ion Ratio Lower Upper

107 100

108 113.2 91.7 137.5

77 49.2 33.8 50.8

79 48.5 33.8 50.8

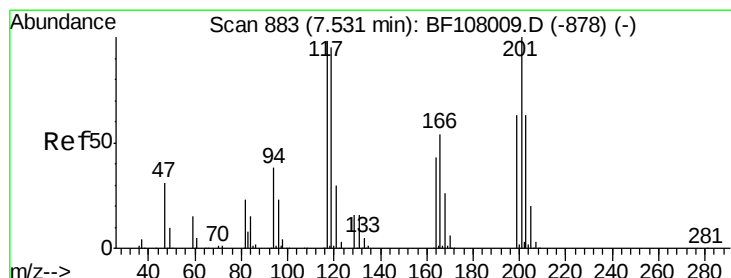
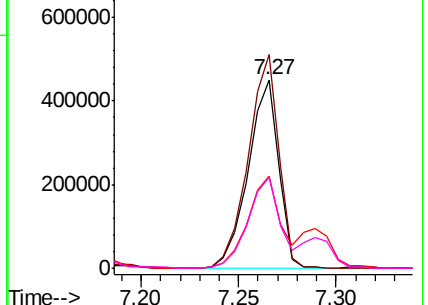
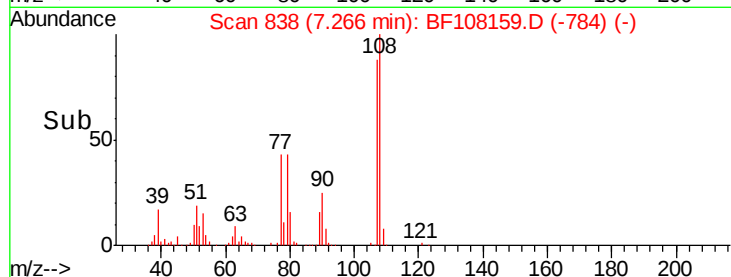


Abundance Ion 107.00 (106.70 to 107.70): E

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: 42.009 ng

RT: 7.54 min Scan# 884

Delta R.T. 0.01 min

Lab File: BF108159.D

Acq: 15 Aug 2018 11:43

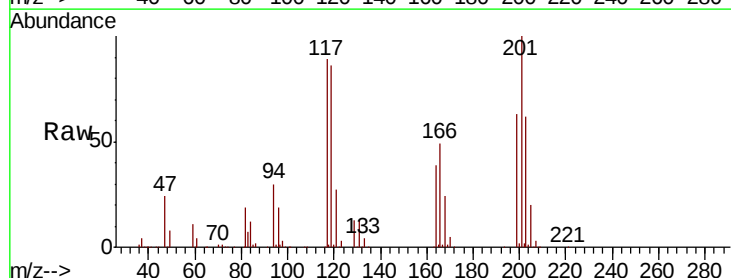
Tgt Ion:117 Resp: 243393

Ion Ratio Lower Upper

117 100

119 95.9 75.8 113.8

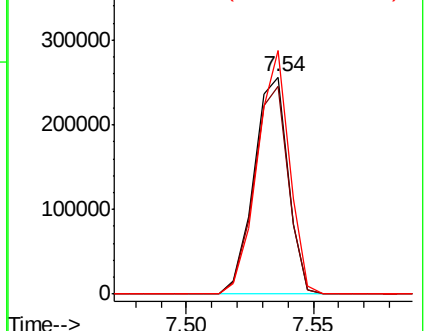
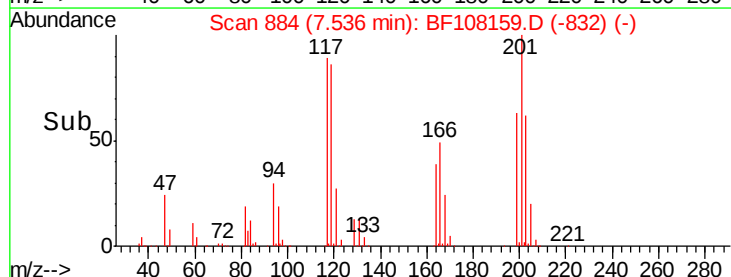
201 112.1 75.7 113.5



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: 38.608 ng

RT: 7.43 min Scan# 866

Delta R.T. 0.01 min

Lab File: BF108159.D

Acq: 15 Aug 2018 11:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 431525

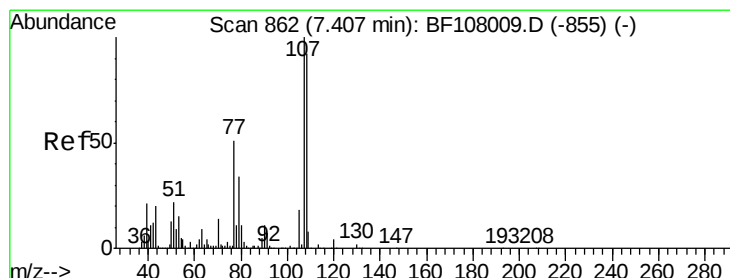
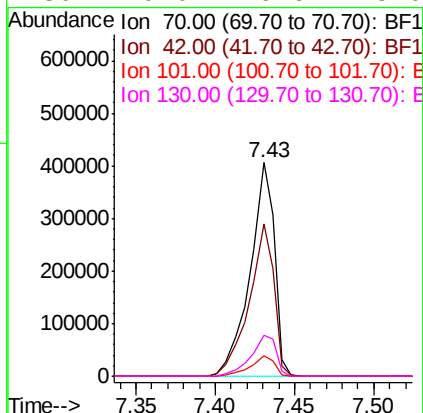
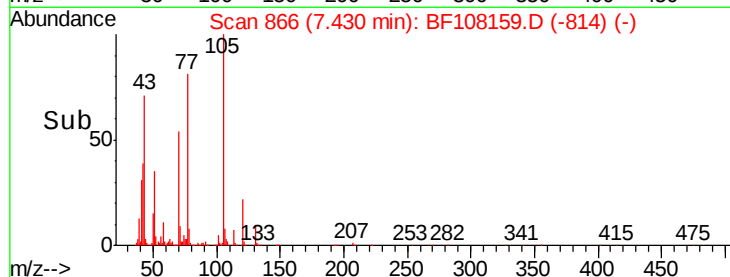
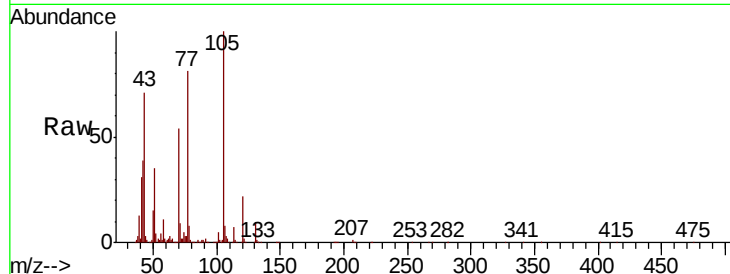
Ion Ratio Lower Upper

70 100

42 71.5 47.5 71.3#

101 9.5 7.4 11.2

130 19.0 16.6 25.0



#20

3+4-Methylphenols

Concen: 39.501 ng

RT: 7.42 min Scan# 864

Delta R.T. 0.01 min

Lab File: BF108159.D

Acq: 15 Aug 2018 11:43

Tgt Ion: 107 Resp: 608107

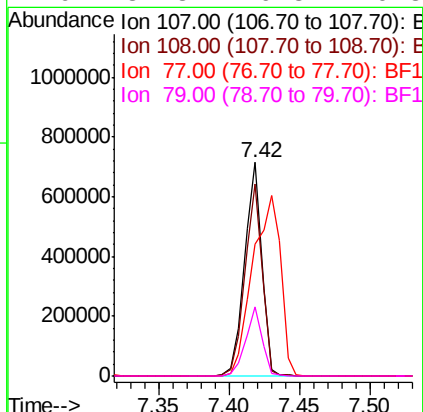
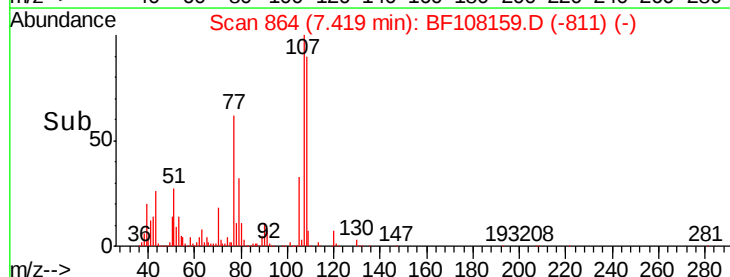
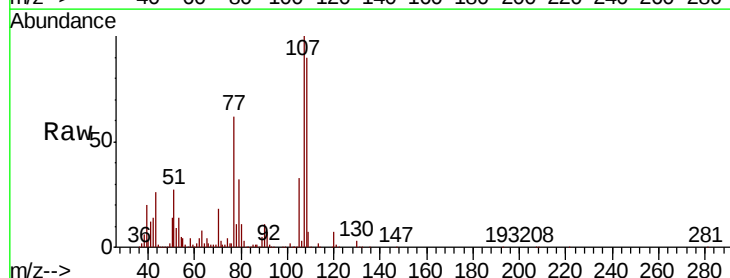
Ion Ratio Lower Upper

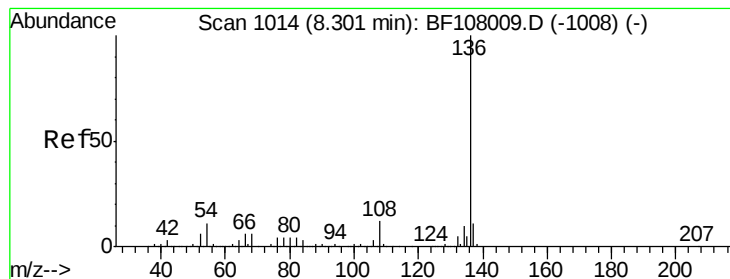
107 100

108 89.8 68.2 108.2

77 62.0 26.7 66.7

79 32.3 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.31 min Scan# 1015

Delta R.T. 0.01 min

Lab File: BF108159.D

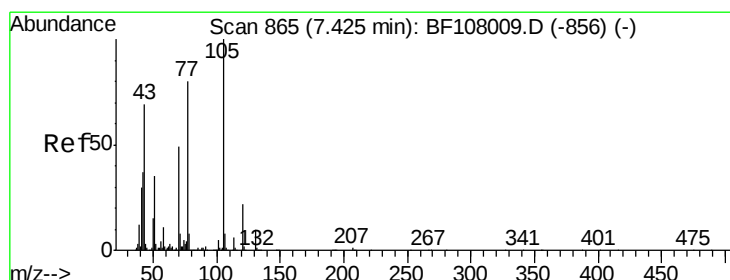
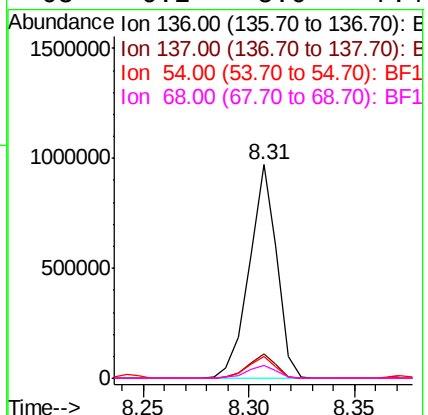
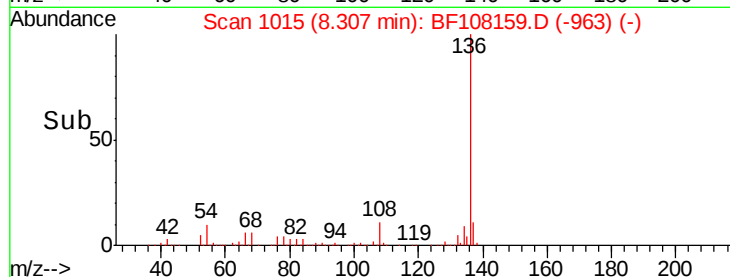
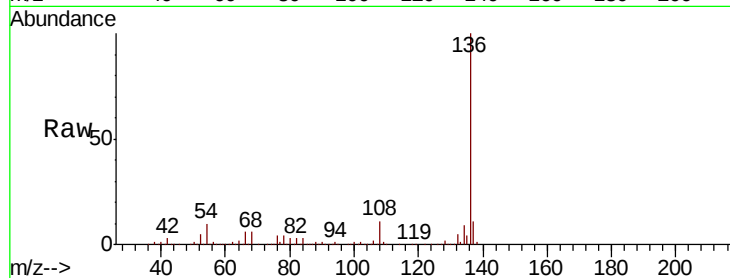
Acq: 15 Aug 2018 11:43

Instrument :

BNA_F

ClientSampled :

Tot Ion:136	Resp:	874192
Ion Ratio	Lower	Upper
136	100	
137	11.5	8.9 13.3
54	10.3	6.6 9.8#
68	6.2	5.0 7.4



#22

Acetophenone

Concen: 39.621 ng

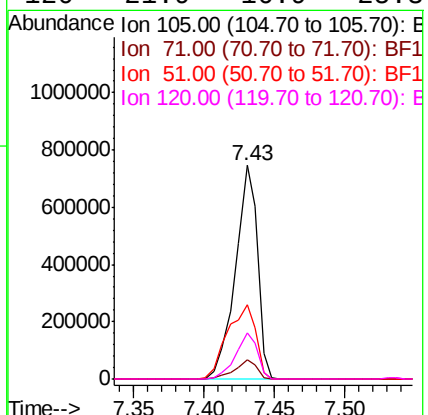
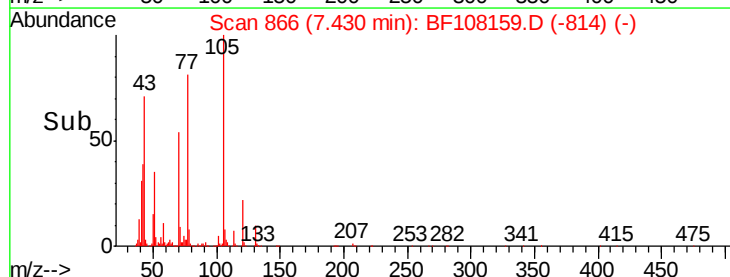
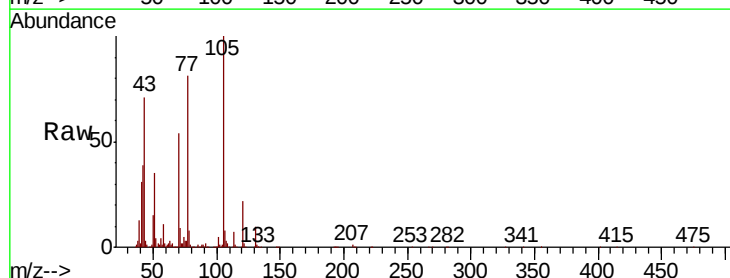
RT: 7.43 min Scan# 866

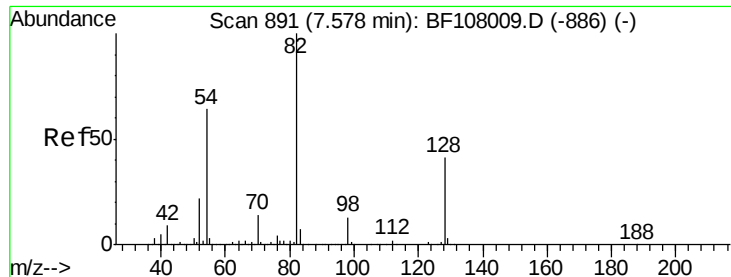
Delta R.T. 0.01 min

Lab File: BF108159.D

Acq: 15 Aug 2018 11:43

Tgt Ion:105	Resp:	809881
Ion Ratio	Lower	Upper
105	100	
71	9.0	4.4 6.6#
51	34.7	22.3 33.5#
120	21.9	16.9 25.3

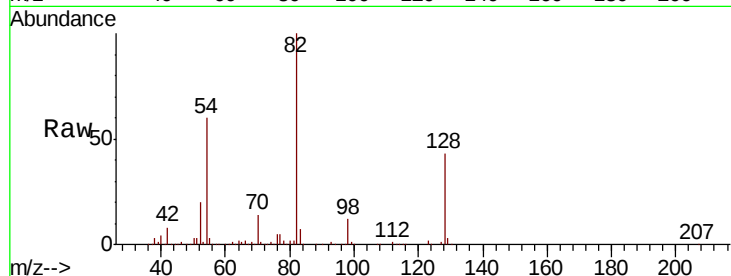




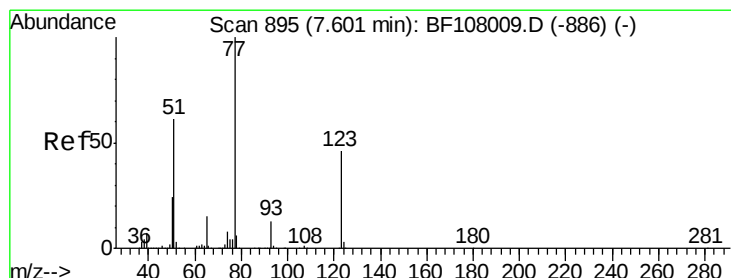
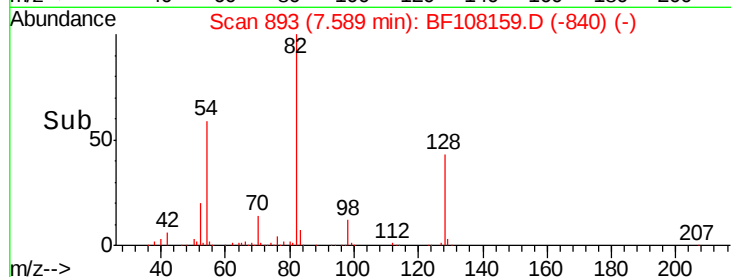
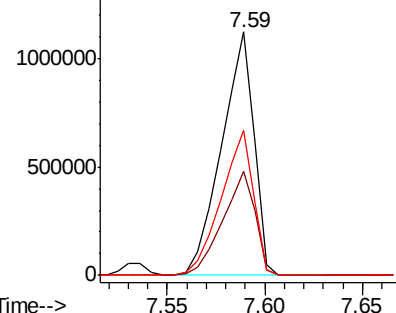
#23
Nitrobenzene-d5
Concen: 82.130 ng
RT: 7.59 min Scan# 893
Delta R.T. 0.01 min
Lab File: BF108159.D
Acq: 15 Aug 2018 11:43

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 1286657
Ion Ratio Lower Upper
82 100
128 42.8 36.1 54.1
54 59.5 41.4 62.2

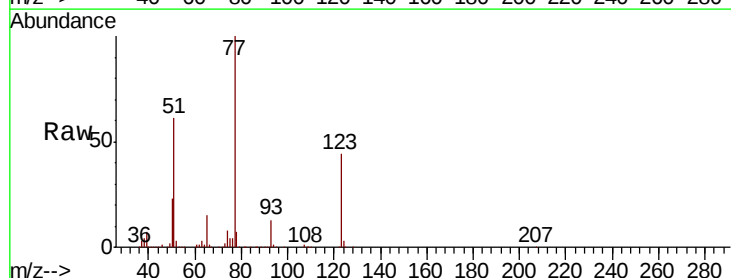


Abundance Ion 82.00 (81.70 to 82.70): BF1
1500000 Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

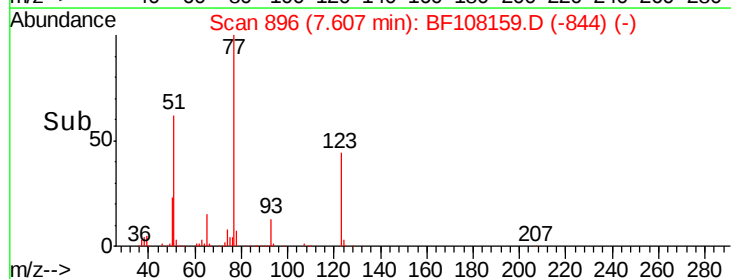
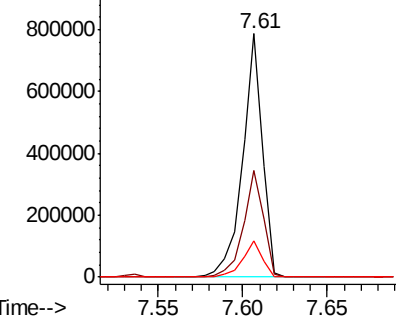


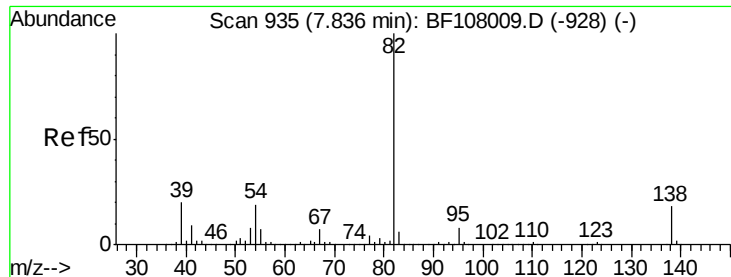
#24
Nitrobenzene
Concen: 40.772 ng
RT: 7.61 min Scan# 896
Delta R.T. 0.01 min
Lab File: BF108159.D
Acq: 15 Aug 2018 11:43

Tgt Ion: 77 Resp: 645894
Ion Ratio Lower Upper
77 100
123 44.0 37.9 56.9
65 14.7 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
1000000 Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 39.552 ng

RT: 7.84 min Scan# 936

Delta R.T. 0.01 min

Lab File: BF108159.D

Acq: 15 Aug 2018 11:43

Instrument :

BNA_F

ClientSampled :

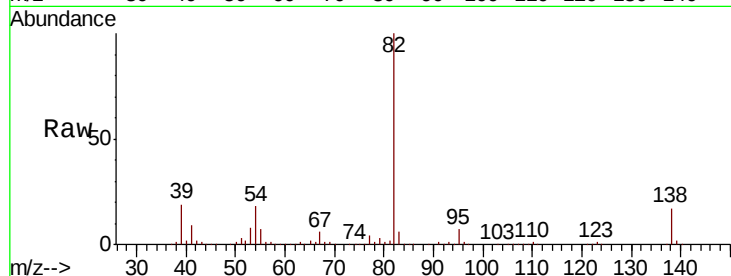
Tot Ion: 82 Resp: 1181040

Ion Ratio Lower Upper

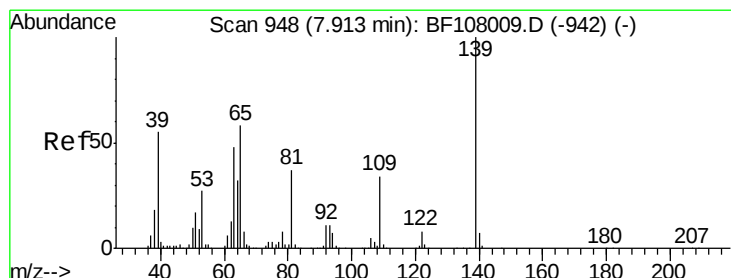
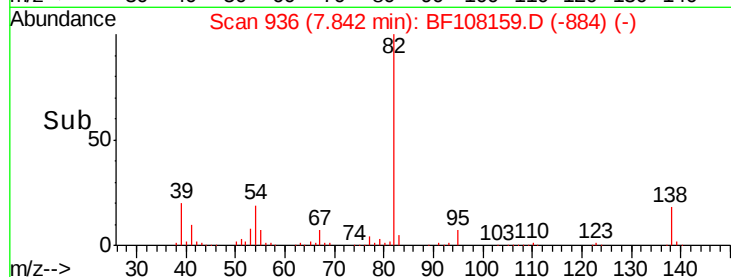
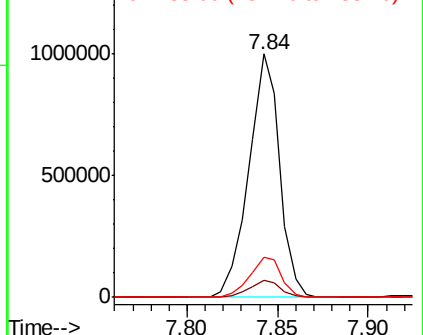
82 100

95 7.3 5.2 7.8

138 16.7 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: 47.143 ng

RT: 7.92 min Scan# 949

Delta R.T. 0.01 min

Lab File: BF108159.D

Acq: 15 Aug 2018 11:43

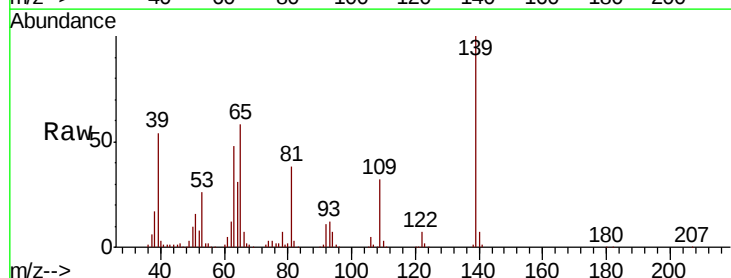
Tgt Ion: 139 Resp: 282038

Ion Ratio Lower Upper

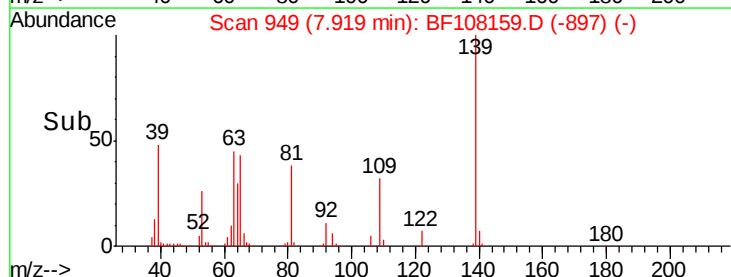
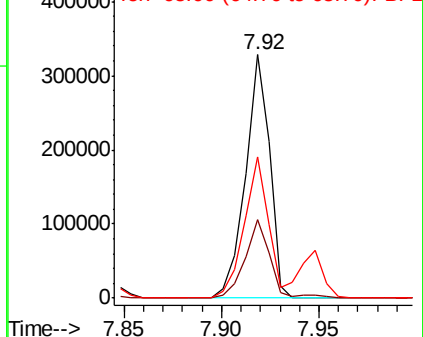
139 100

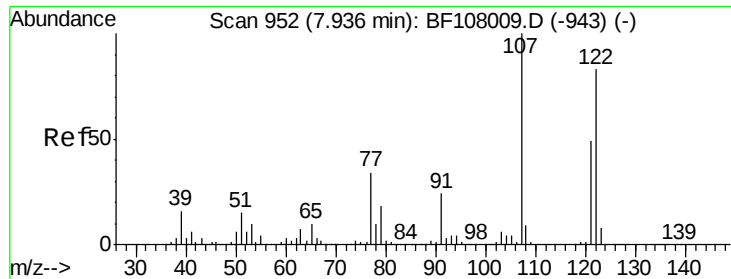
109 32.1 22.7 34.1

65 58.1 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

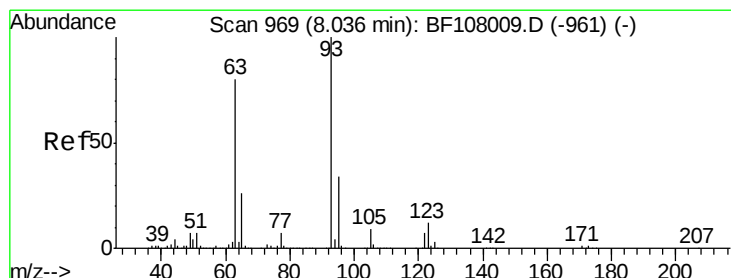
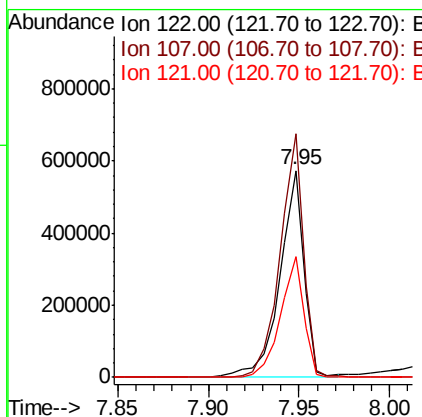
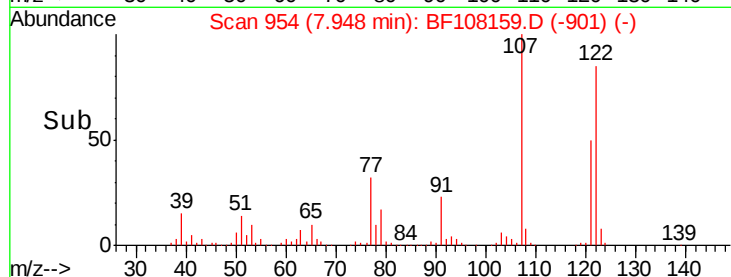
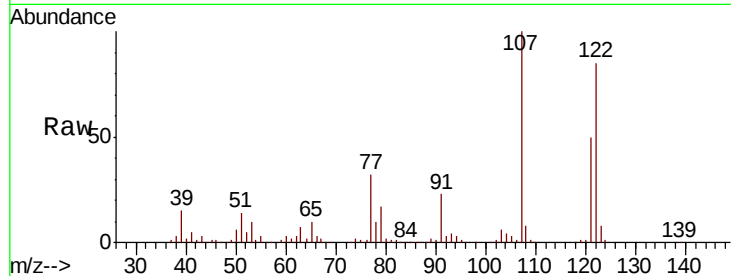




#27
2,4-Dimethylphenol
Concen: 40.024 ng
RT: 7.95 min Scan# 954
Delta R.T. 0.01 min
Lab File: BF108159.D
Acq: 15 Aug 2018 11:43

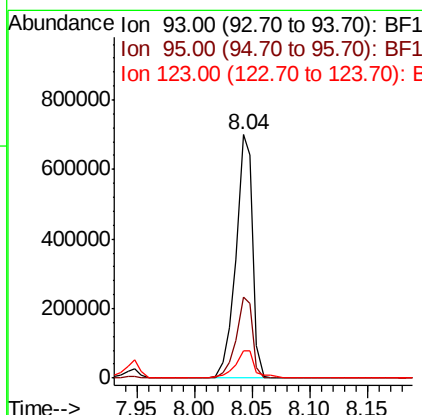
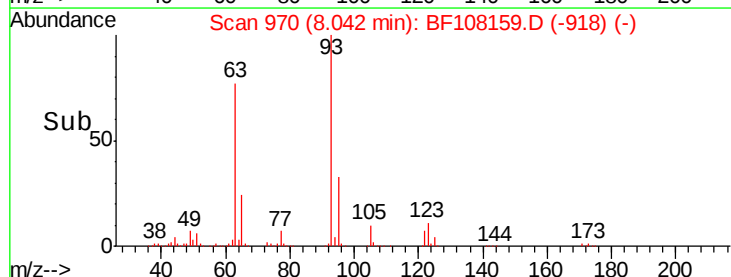
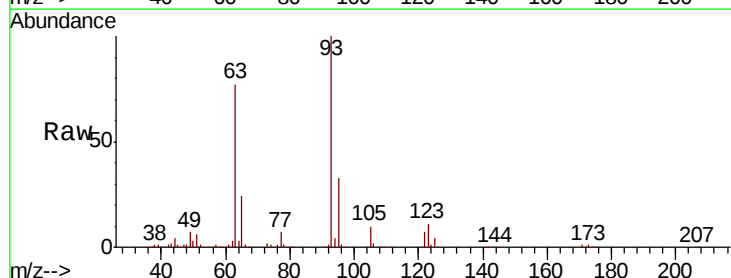
Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 530436
Ion Ratio Lower Upper
122 100
107 117.6 91.2 136.8
121 58.5 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 40.191 ng
RT: 8.04 min Scan# 970
Delta R.T. 0.01 min
Lab File: BF108159.D
Acq: 15 Aug 2018 11:43

Tgt Ion: 93 Resp: 700606
Ion Ratio Lower Upper
93 100
95 33.1 26.3 39.5
123 11.5 9.8 14.6

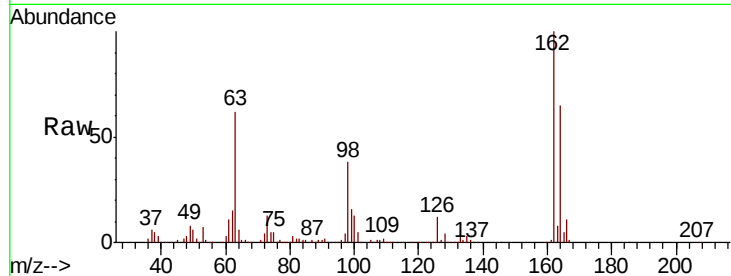




#29
 2,4-Dichlorophenol
 Concen: 41.282 ng
 RT: 8.16 min Scan# 990
 Delta R.T. 0.01 min
 Lab File: BF108159.D
 Acq: 15 Aug 2018 11:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	42.7	82.7
98	38.1	18.1	58.1

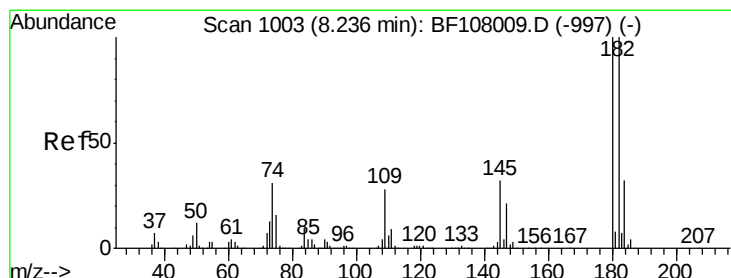
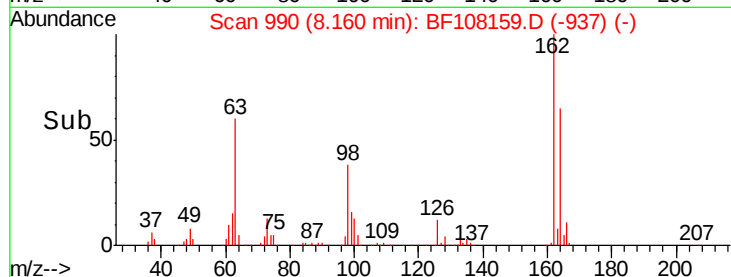
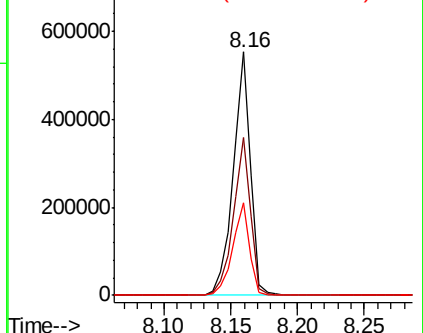


Abundance

Ion 162.00 (161.70 to 162.70): E

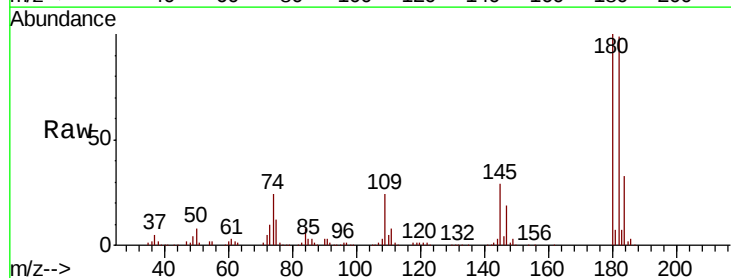
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 40.626 ng
 RT: 8.25 min Scan# 1005
 Delta R.T. 0.01 min
 Lab File: BF108159.D
 Acq: 15 Aug 2018 11:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.1	76.8	115.2
145	29.5	26.5	39.7

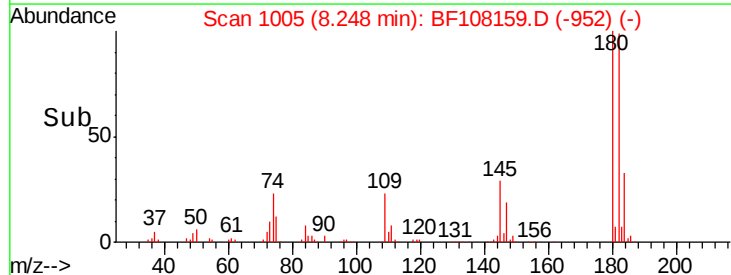
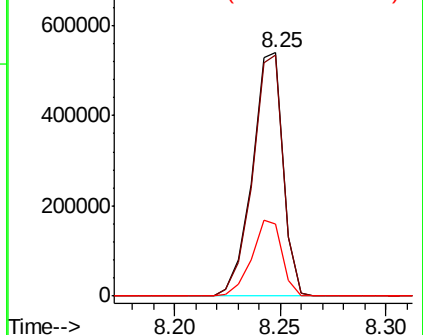


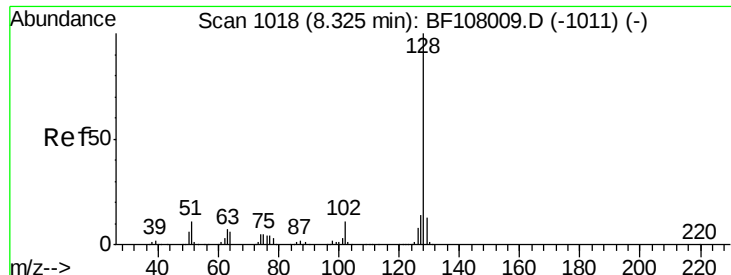
Abundance

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

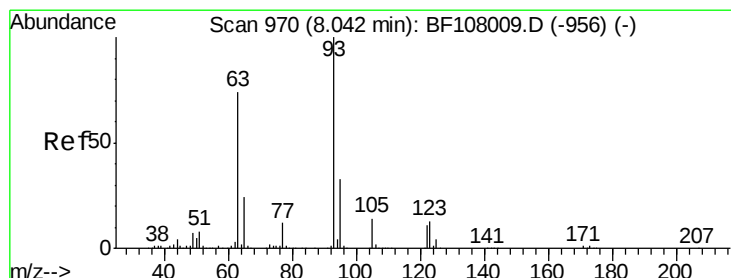
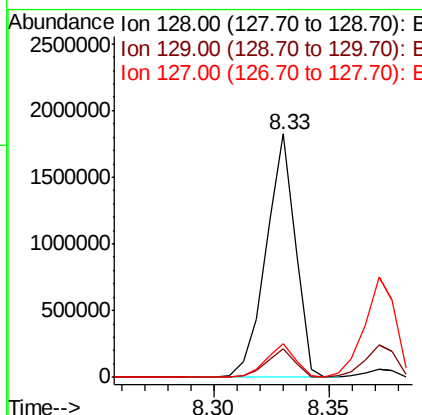
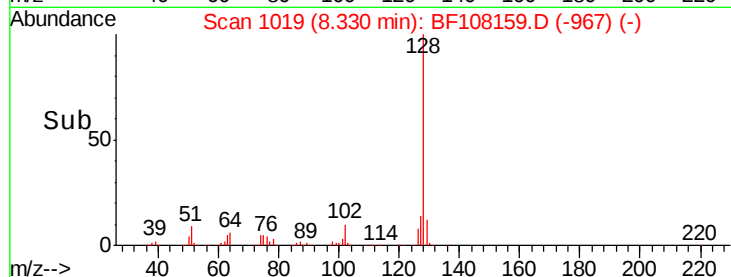
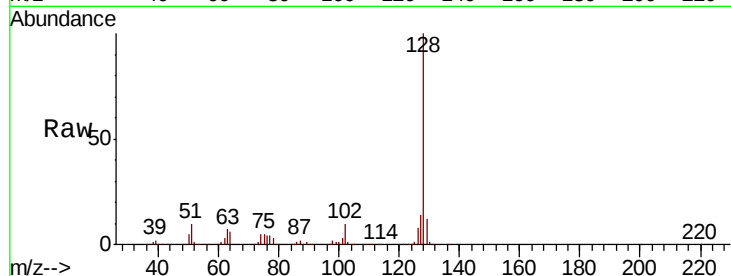




#31
Naphthalene
Concen: 40.389 ng
RT: 8.33 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BF108159.D
Acq: 15 Aug 2018 11:43

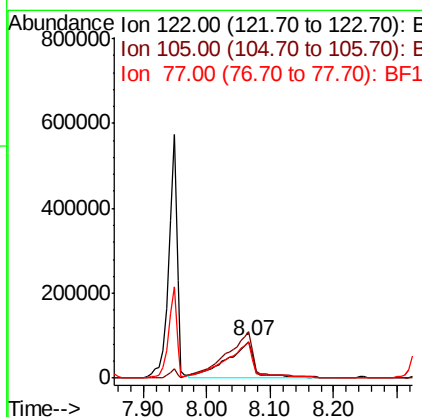
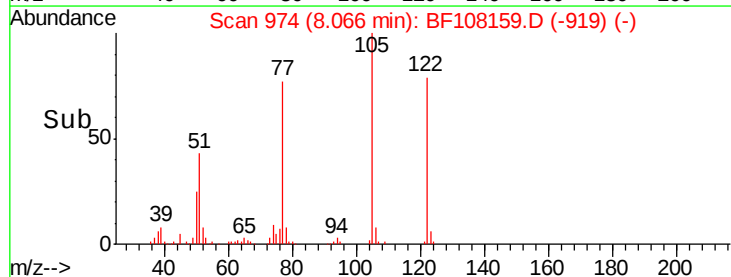
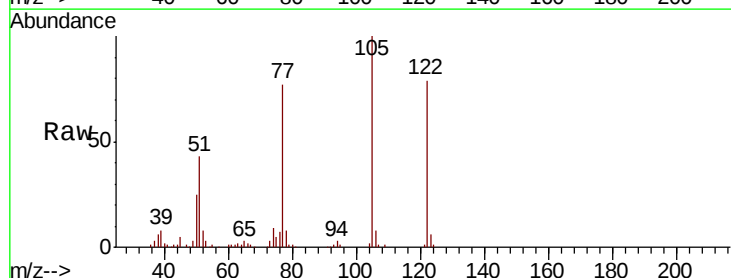
Instrument :
BNA_F
ClientSampled :

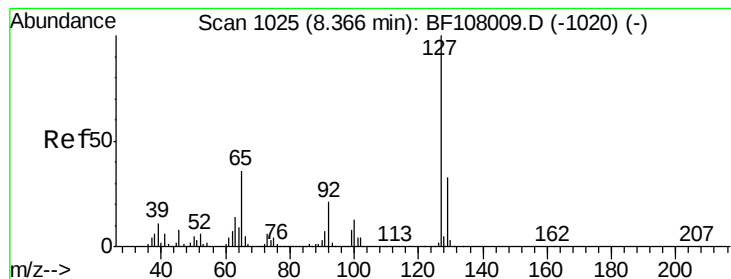
Tot Ion:128 Resp: 1605704
Ion Ratio Lower Upper
128 100
129 12.0 8.8 13.2
127 14.0 10.9 16.3



#32
Benzoic acid
Concen: 35.879 ng
RT: 8.07 min Scan# 974
Delta R.T. 0.02 min
Lab File: BF108159.D
Acq: 15 Aug 2018 11:43

Tgt Ion:122 Resp: 262678
Ion Ratio Lower Upper
122 100
105 126.9 101.1 141.1
77 98.0 70.7 110.7





#33

4-Chloroaniline

Concen: 40.432 ng

RT: 8.37 min Scan# 1026

Delta R.T. 0.01 min

Lab File: BF108159.D

Acq: 15 Aug 2018 11:43

Instrument :

BNA_F

ClientSampled :

Tot Ion:127 Resp: 700511

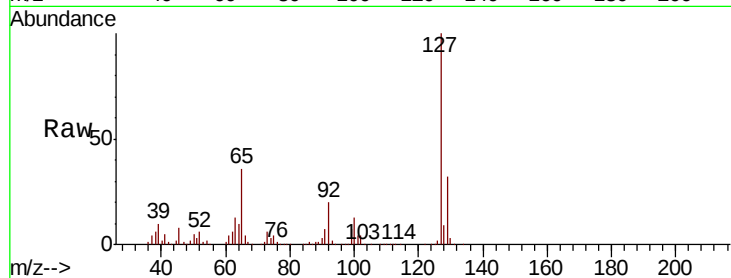
Ion Ratio Lower Upper

127 100

129 32.4 25.9 38.9

65 35.7 25.0 37.4

92 20.2 15.2 22.8

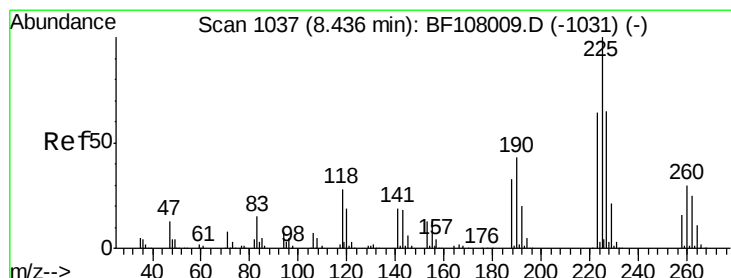
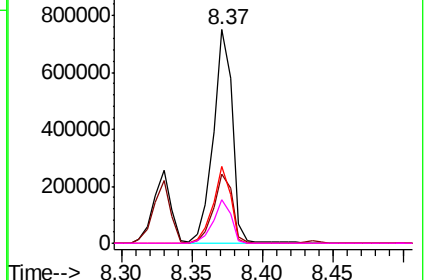
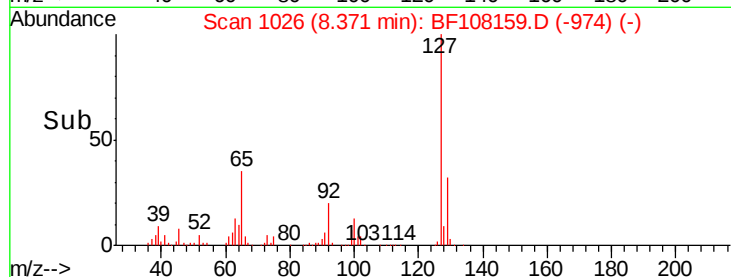


Abundance Ion 127.00 (126.70 to 127.70): E

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: 40.551 ng

RT: 8.44 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BF108159.D

Acq: 15 Aug 2018 11:43

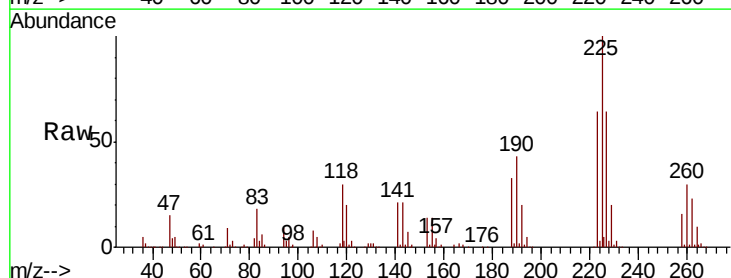
Tgt Ion:225 Resp: 345187

Ion Ratio Lower Upper

225 100

223 63.8 50.6 76.0

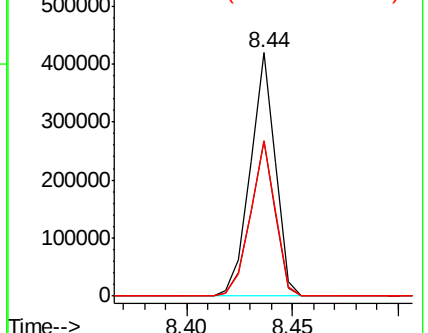
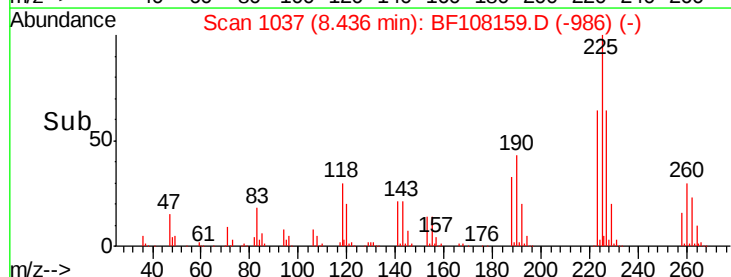
227 63.9 51.9 77.9



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

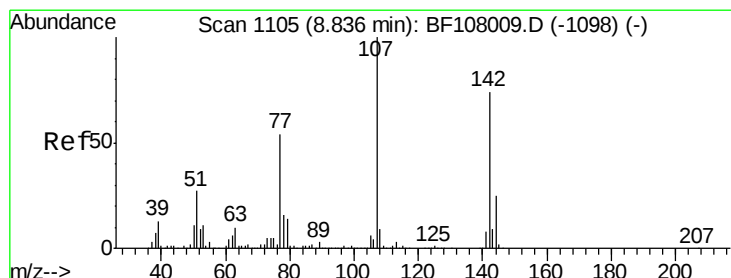
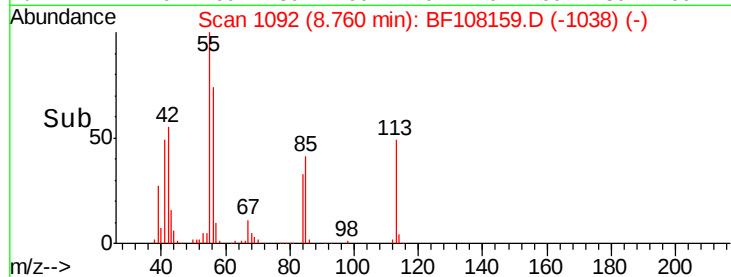
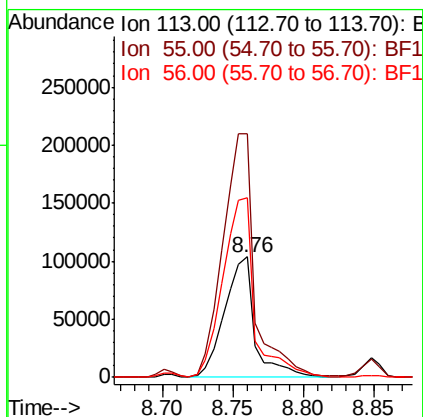
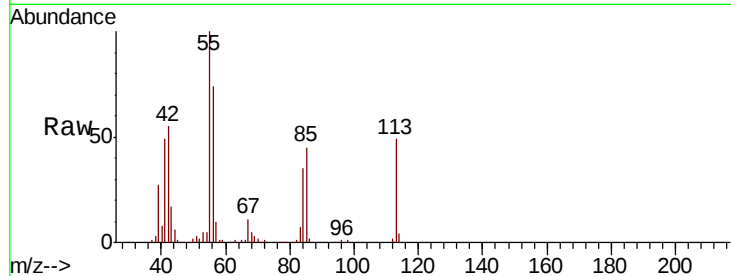




#35
 Caprolactam
 Concen: 40.554 ng
 RT: 8.76 min Scan# 1092
 Delta R.T. 0.02 min
 Lab File: BF108159.D
 Acq: 15 Aug 2018 11:43

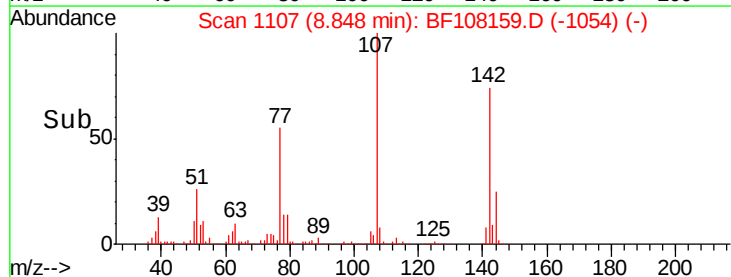
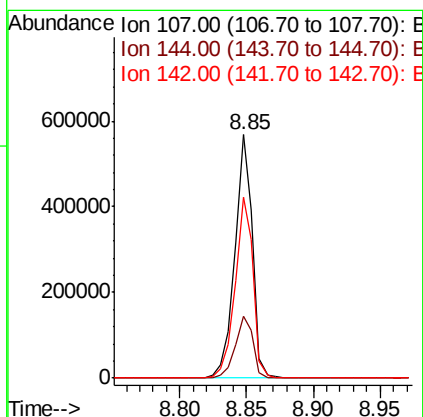
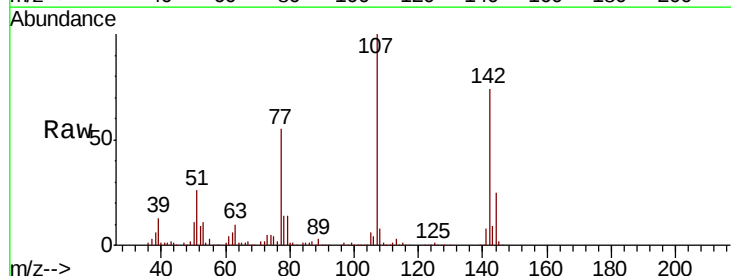
Instrument :
 BNA_F
 ClientSampleId :

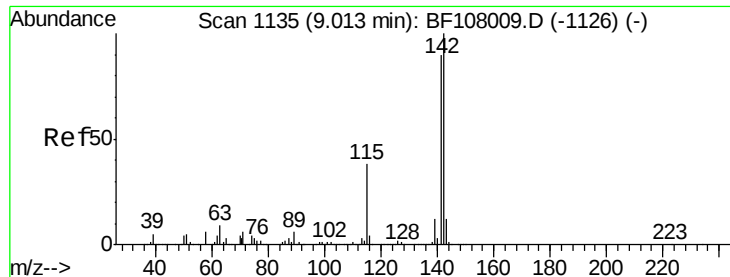
Tot Ion:113 Resp: 154996
 Ion Ratio Lower Upper
 113 100
 55 202.7 163.3 203.3
 56 149.6 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 39.887 ng
 RT: 8.85 min Scan# 1107
 Delta R.T. 0.01 min
 Lab File: BF108159.D
 Acq: 15 Aug 2018 11:43

Tgt Ion:107 Resp: 524787
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.5 30.7
 142 74.4 62.0 93.0

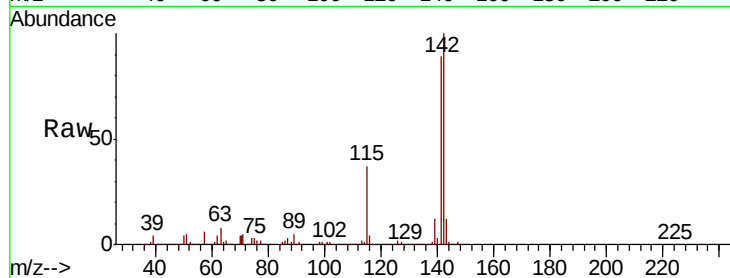




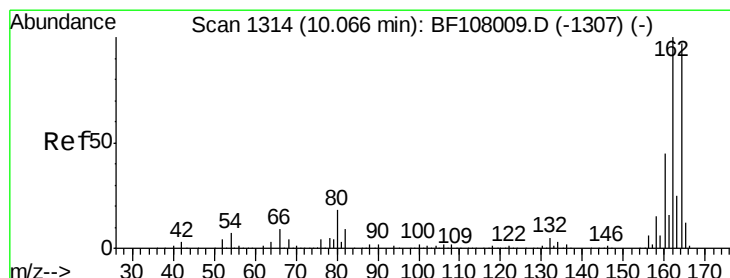
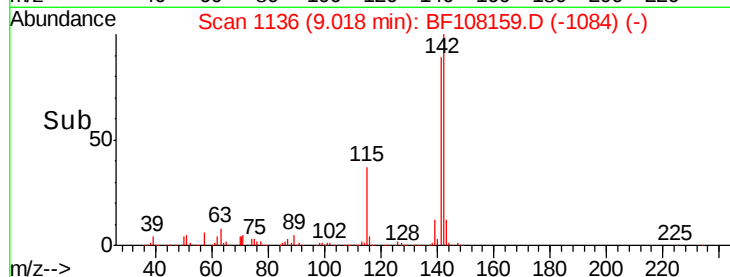
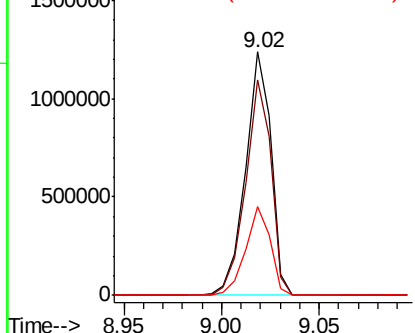
#37
 2-Methylnaphthalene
 Concen: 39.912 ng
 RT: 9.02 min Scan# 1136
 Delta R.T. 0.01 min
 Lab File: BF108159.D
 Acq: 15 Aug 2018 11:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 1122656
 Ion Ratio Lower Upper
 142 100
 141 88.7 70.8 106.2
 115 36.6 26.1 39.1

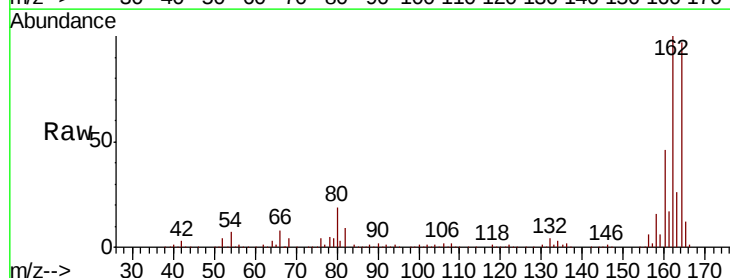


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

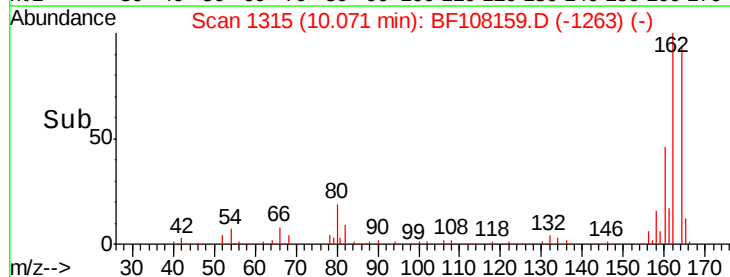
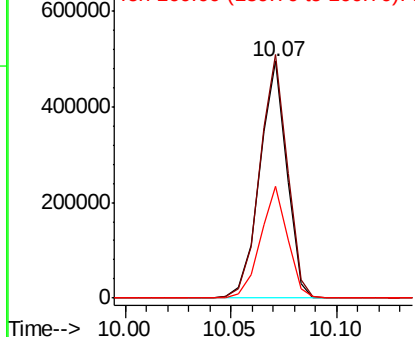


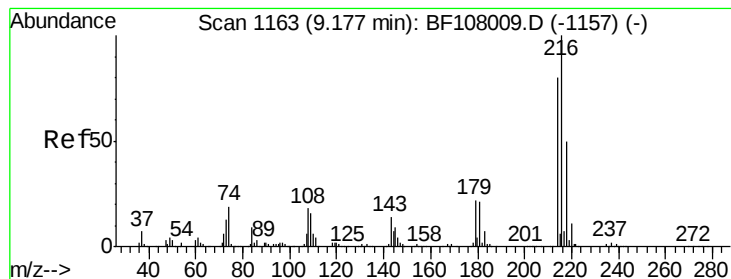
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.07 min Scan# 1315
 Delta R.T. 0.01 min
 Lab File: BF108159.D
 Acq: 15 Aug 2018 11:43

Tgt Ion:164 Resp: 441481
 Ion Ratio Lower Upper
 164 100
 162 102.9 86.1 129.1
 160 47.0 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: 41.743 ng

RT: 9.18 min Scan# 1164

Delta R.T. 0.01 min

Lab File: BF108159.D

Acq: 15 Aug 2018 11:43

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 565933

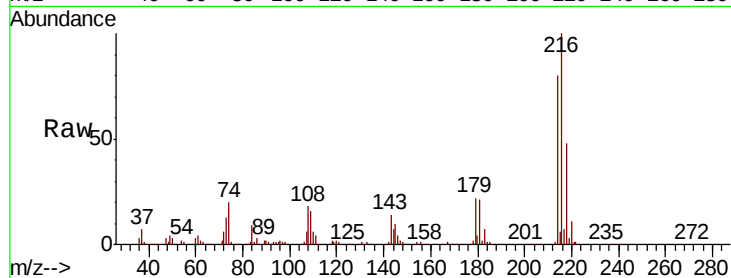
Ion Ratio Lower Upper

216 100

214 79.5 63.0 94.4

179 20.6 18.1 27.1

108 18.7 17.2 25.8

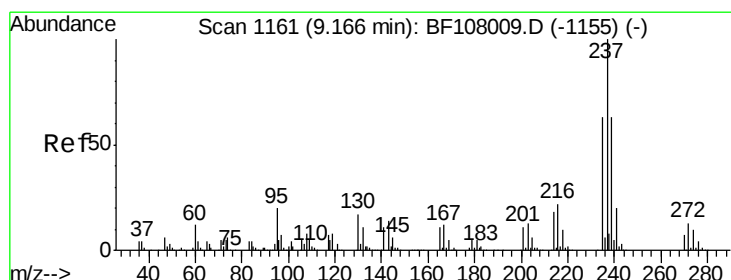
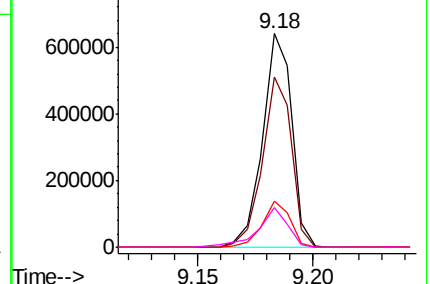
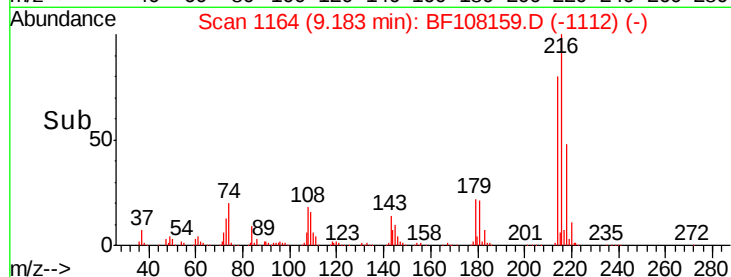


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 39.860 ng

RT: 9.17 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BF108159.D

Acq: 15 Aug 2018 11:43

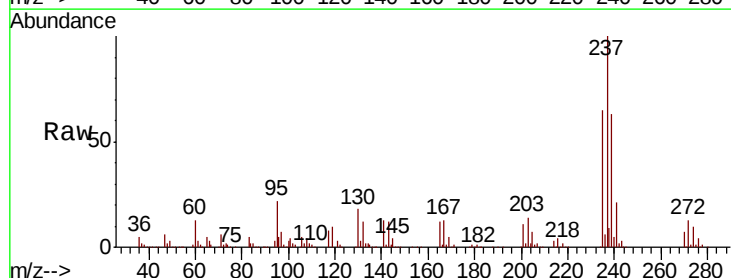
Tgt Ion:237 Resp: 349051

Ion Ratio Lower Upper

237 100

235 64.7 44.8 84.8

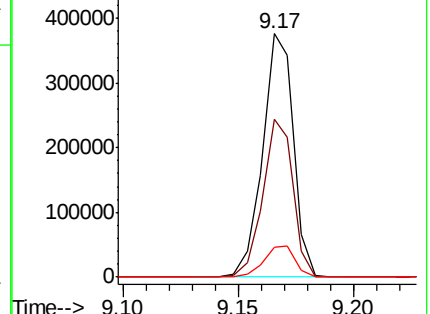
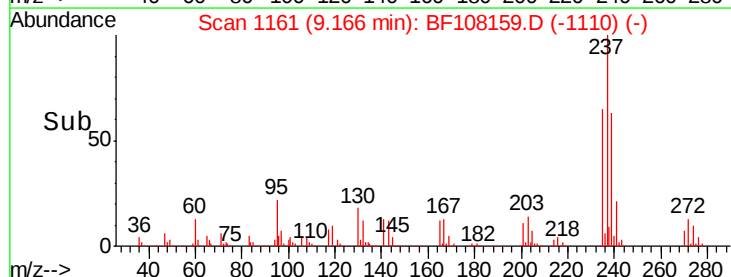
272 12.5 0.0 33.3

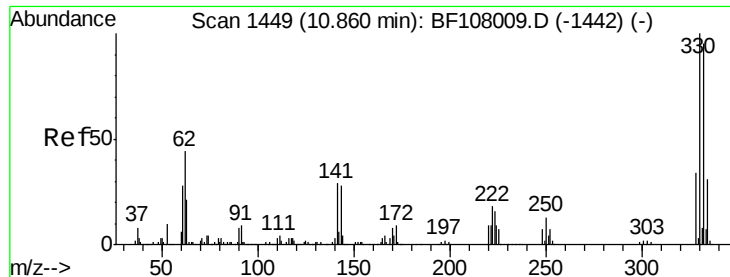


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

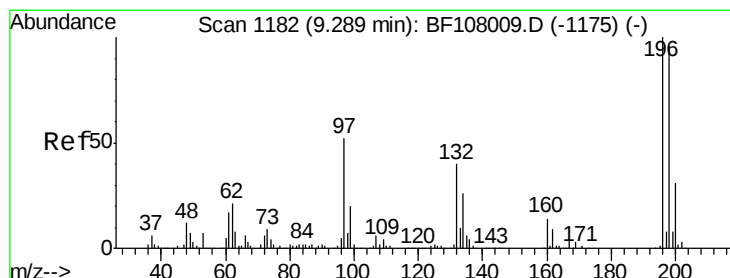
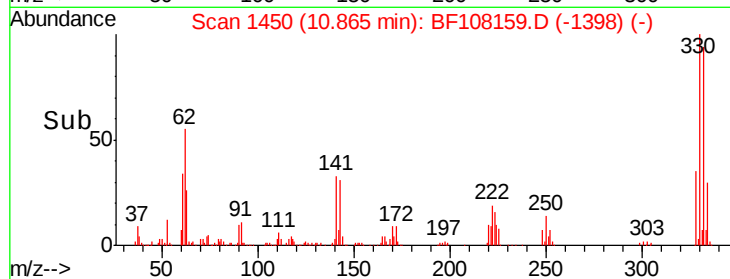
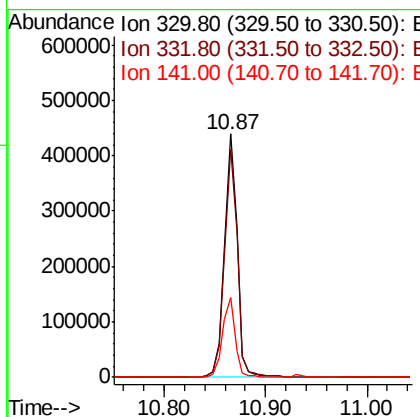
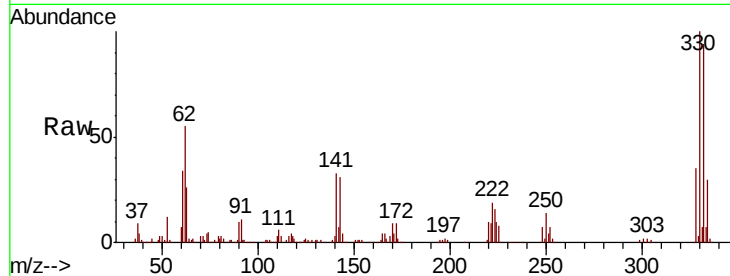




#41
 2,4,6-Tribromophenol
 Concen: 87.820 ng
 RT: 10.87 min Scan# 1450
 Delta R.T. 0.01 min
 Lab File: BF108159.D
 Acq: 15 Aug 2018 11:43

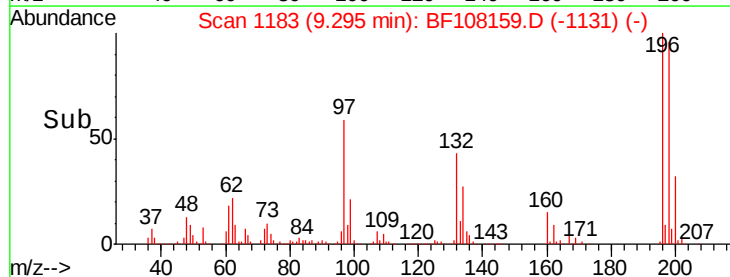
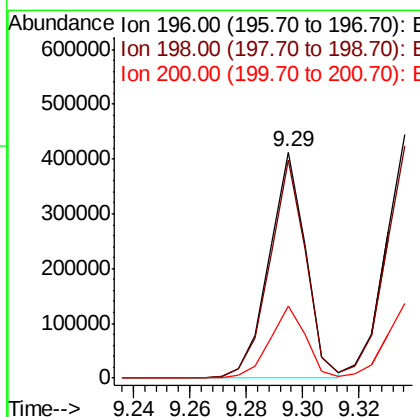
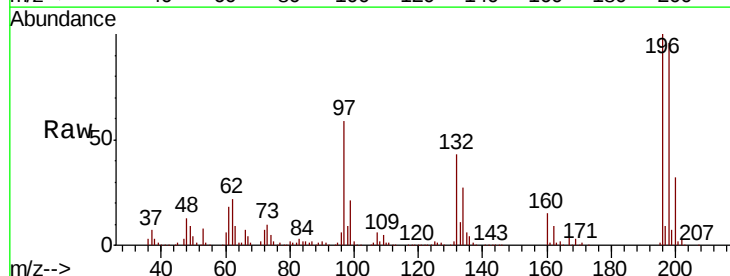
Instrument :
 BNA_F
 ClientSampled :

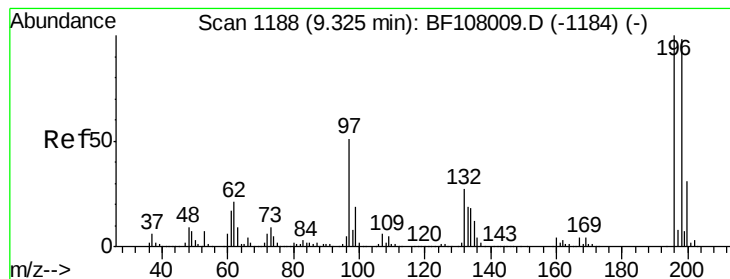
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.0	115.6
141	32.3	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 44.118 ng
 RT: 9.29 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF108159.D
 Acq: 15 Aug 2018 11:43

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.4	75.7	113.5
200	31.7	24.5	36.7





#43

2,4,5-Trichlorophenol

Concen: 43.740 ng

RT: 9.34 min Scan# 1190

Delta R.T. 0.01 min

Lab File: BF108159.D

Acq: 15 Aug 2018 11:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:196 Resp: 405085

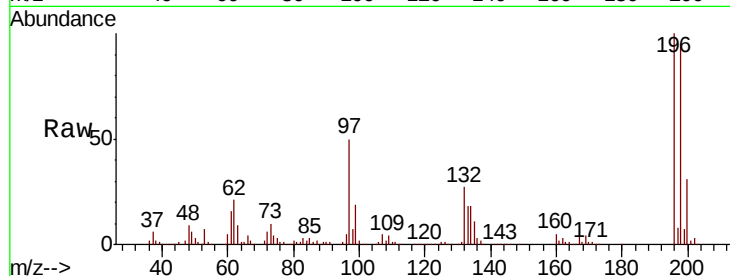
Ion Ratio Lower Upper

196 100

198 95.4 74.6 112.0

97 49.6 42.9 64.3

132 26.6 26.3 39.5

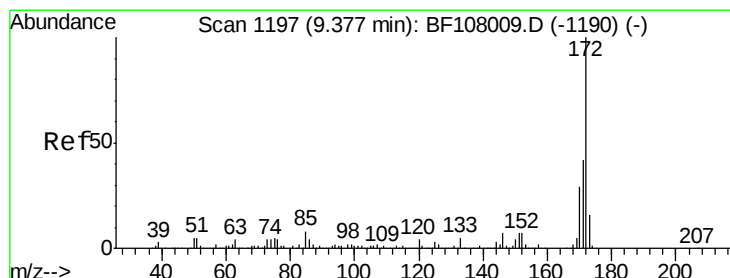
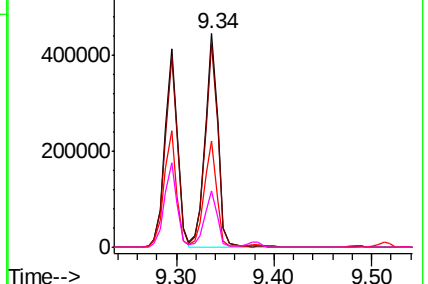
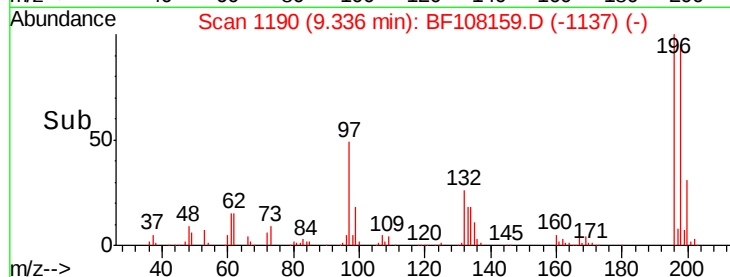


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 81.346 ng

RT: 9.38 min Scan# 1198

Delta R.T. 0.01 min

Lab File: BF108159.D

Acq: 15 Aug 2018 11:43

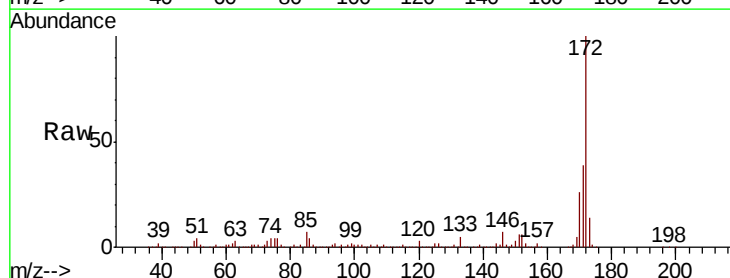
Tgt Ion:172 Resp: 2236901

Ion Ratio Lower Upper

172 100

171 38.7 29.7 44.5

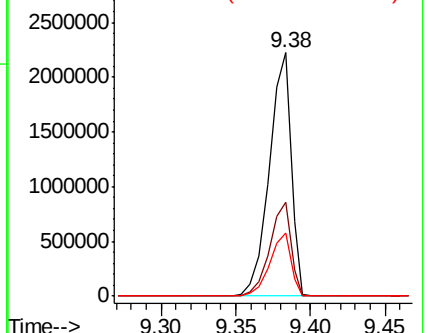
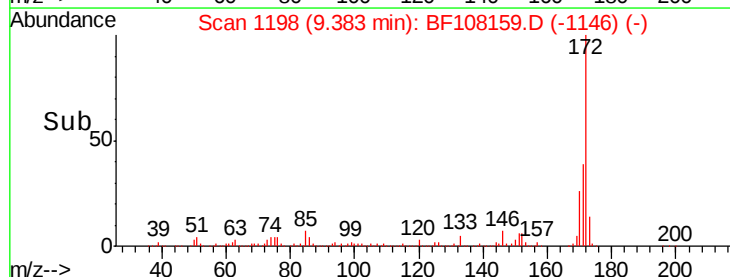
170 26.0 19.6 29.4

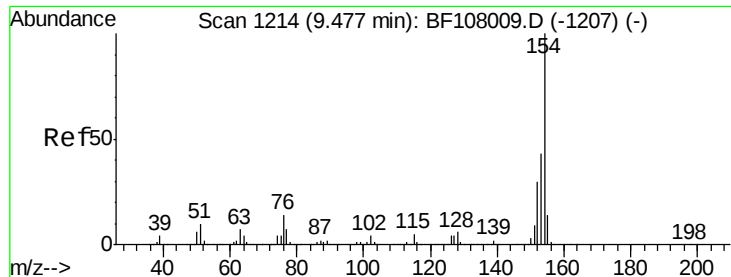


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

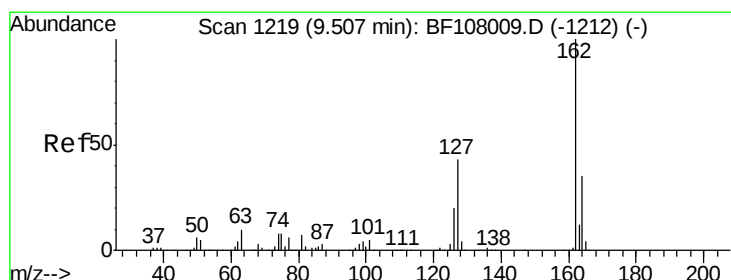
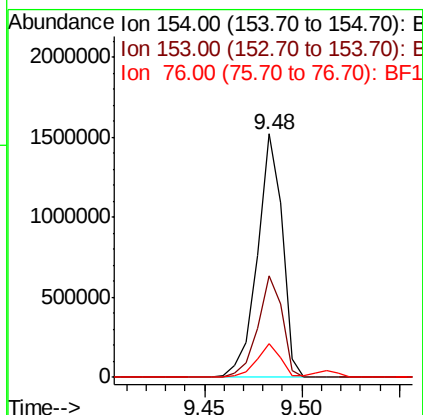
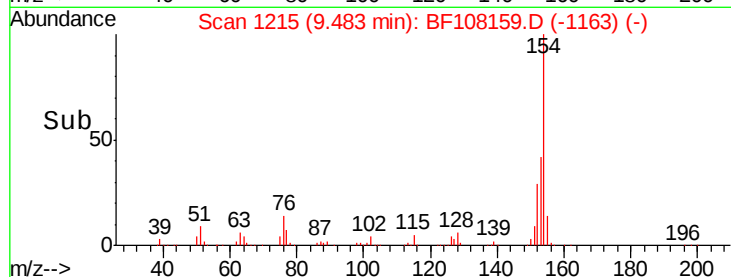
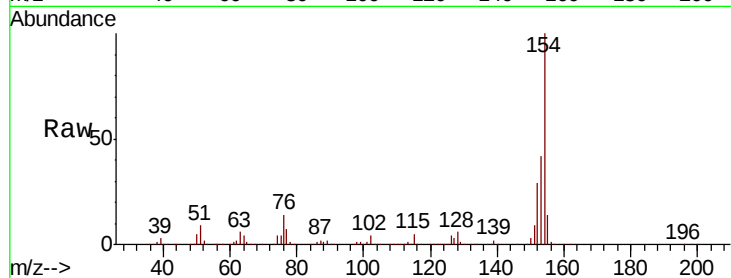




#45
 1,1'-Biphenyl
 Concen: 41.191 ng
 RT: 9.48 min Scan# 1215
 Delta R.T. 0.01 min
 Lab File: BF108159.D
 Acq: 15 Aug 2018 11:43

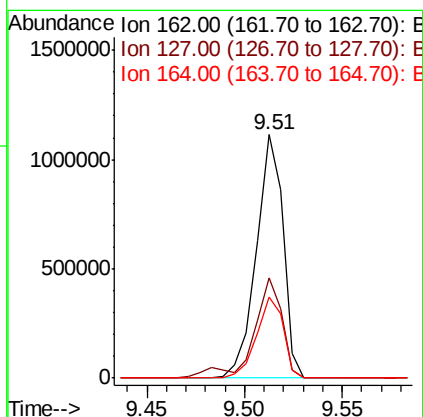
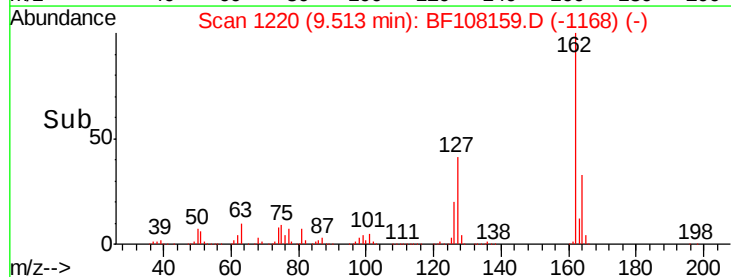
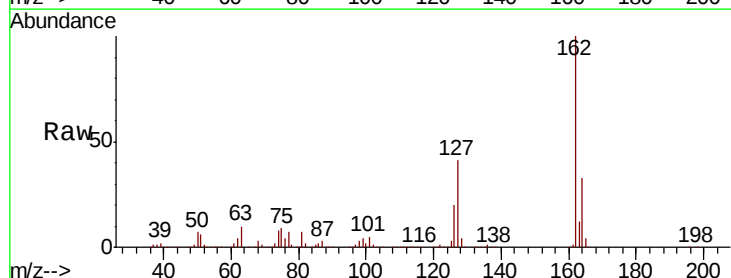
Instrument :
 BNA_F
 ClientSampleId :

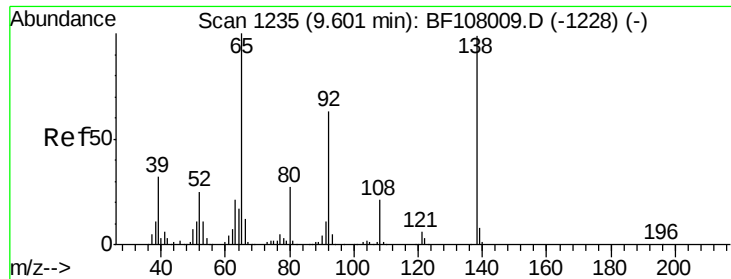
Tot Ion:154 Resp: 1340775
 Ion Ratio Lower Upper
 154 100
 153 41.7 21.3 61.3
 76 13.8 0.0 34.0



#46
 2-Chloronaphthalene
 Concen: 41.238 ng
 RT: 9.51 min Scan# 1220
 Delta R.T. 0.01 min
 Lab File: BF108159.D
 Acq: 15 Aug 2018 11:43

Tgt Ion:162 Resp: 1060911
 Ion Ratio Lower Upper
 162 100
 127 41.4 33.9 50.9
 164 33.4 26.5 39.7

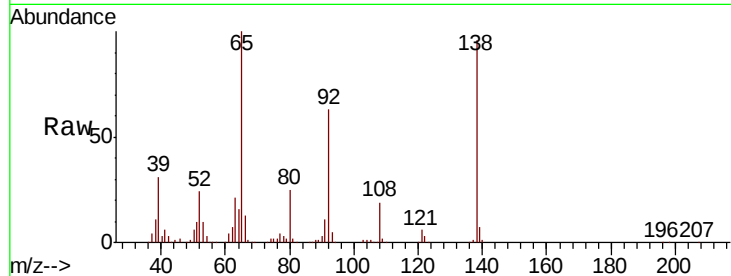




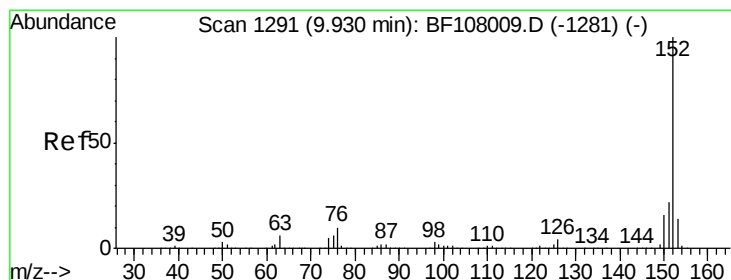
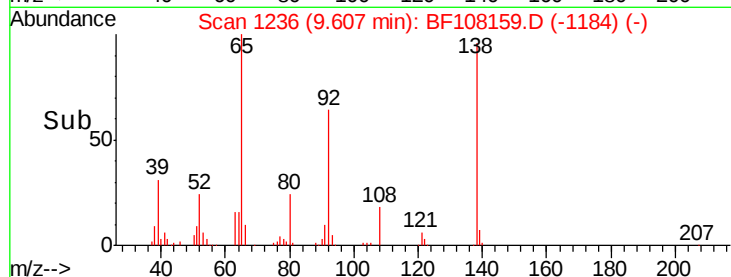
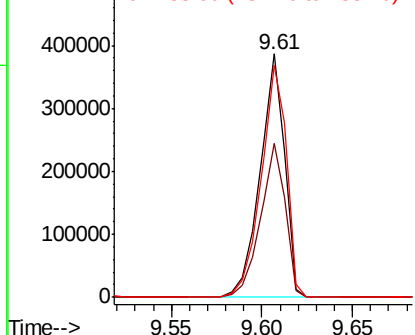
#47
2-Nitroaniline
Concen: 43.562 ng
RT: 9.61 min Scan# 1236
Delta R.T. 0.01 min
Lab File: BF108159.D
Acq: 15 Aug 2018 11:43

Instrument :
BNA_F
ClientSampled :

Tot Ion: 65 Resp: 362619
Ion Ratio Lower Upper
65 100
92 63.2 55.8 83.6
138 95.6 91.2 136.8

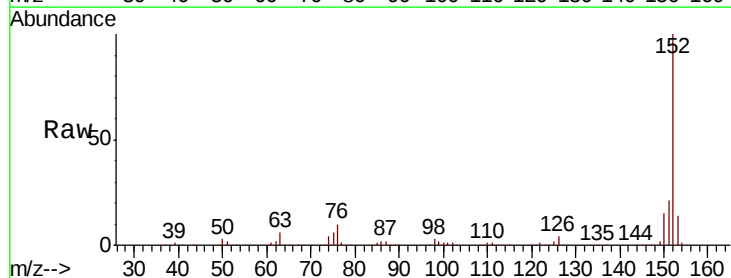


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

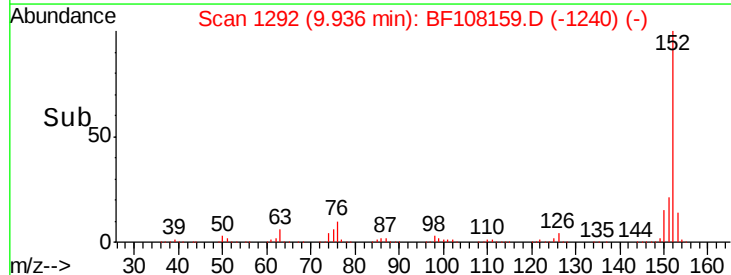
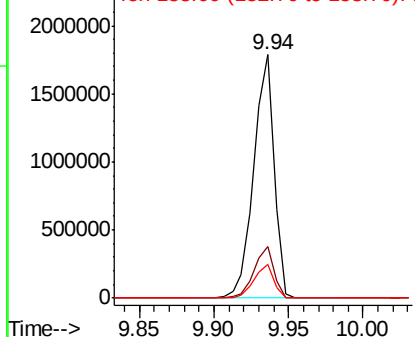


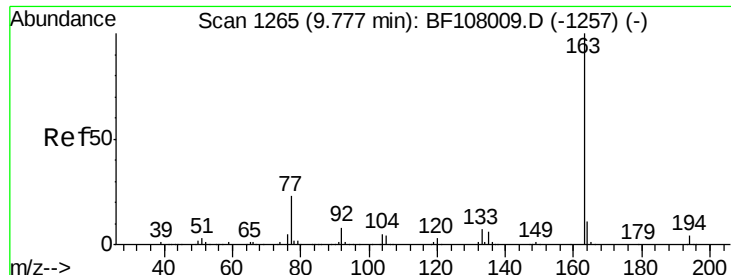
#48
Acenaphthylene
Concen: 41.166 ng
RT: 9.94 min Scan# 1292
Delta R.T. 0.01 min
Lab File: BF108159.D
Acq: 15 Aug 2018 11:43

Tgt Ion: 152 Resp: 1674304
Ion Ratio Lower Upper
152 100
151 21.3 16.3 24.5
153 13.7 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

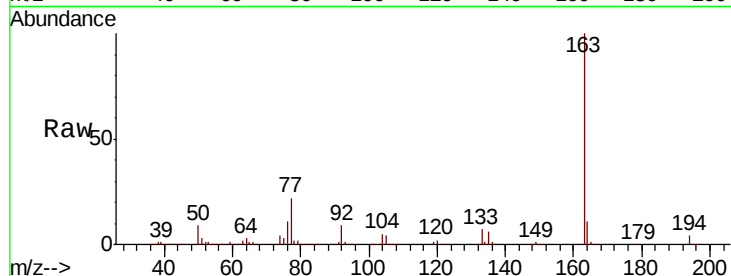




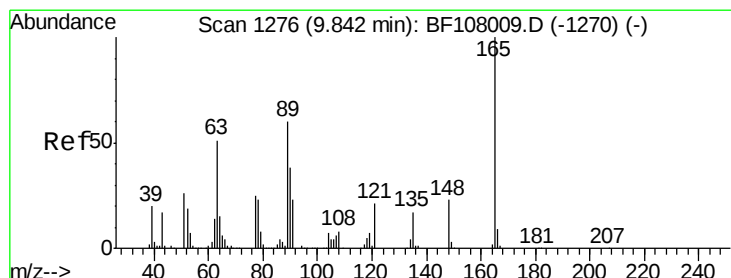
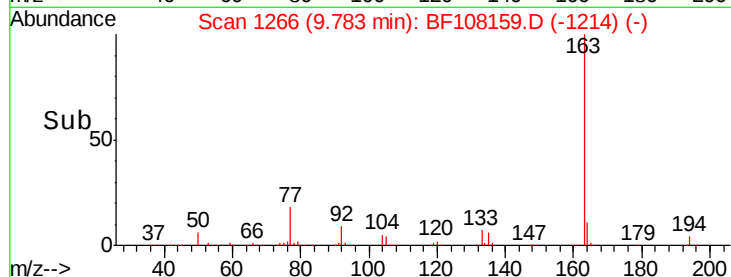
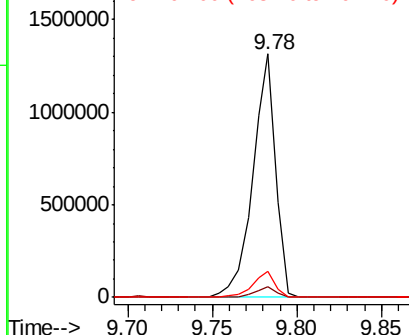
#49
Dimethylphthalate
Concen: 40.184 ng
RT: 9.78 min Scan# 1266
Delta R.T. 0.01 min
Lab File: BF108159.D
Acq: 15 Aug 2018 11:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1235762
Ion Ratio Lower Upper
163 100
194 4.3 2.7 4.1#
164 10.6 8.2 12.2

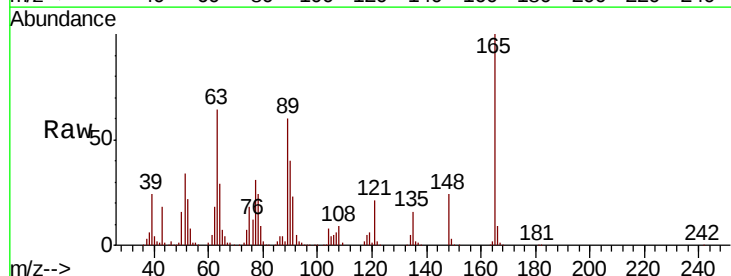


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

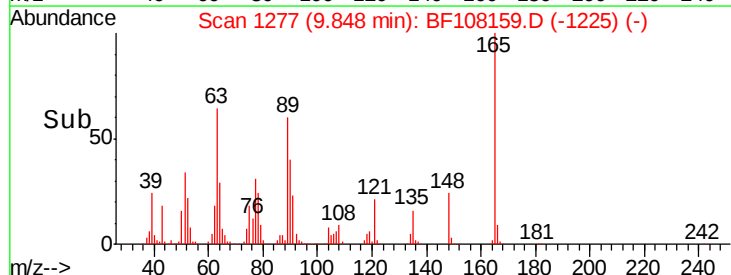
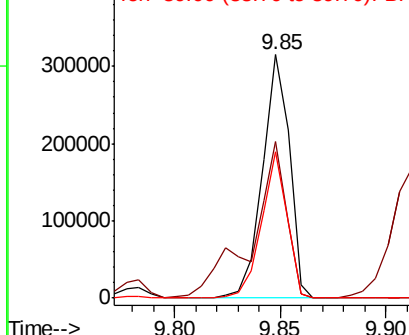


#50
2,6-Dinitrotoluene
Concen: 43.538 ng
RT: 9.85 min Scan# 1277
Delta R.T. 0.01 min
Lab File: BF108159.D
Acq: 15 Aug 2018 11:43

Tgt Ion:165 Resp: 280125
Ion Ratio Lower Upper
165 100
63 64.3 44.7 67.1
89 60.3 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: 41.025 ng

RT: 10.11 min Scan# 1321

Delta R.T. 0.01 min

Lab File: BF108159.D

Acq: 15 Aug 2018 11:43

Instrument :

BNA_F

ClientSampleId :

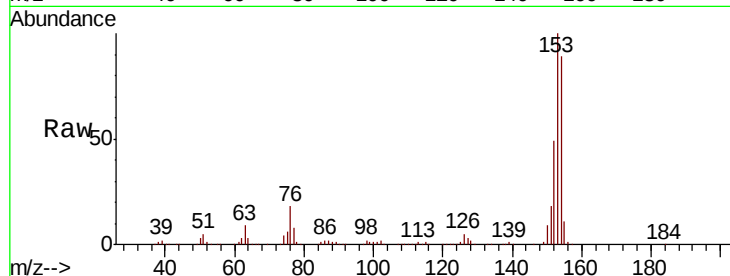
Tot Ion:154 Resp: 1021988

Ion Ratio Lower Upper

154 100

153 112.5 91.2 136.8

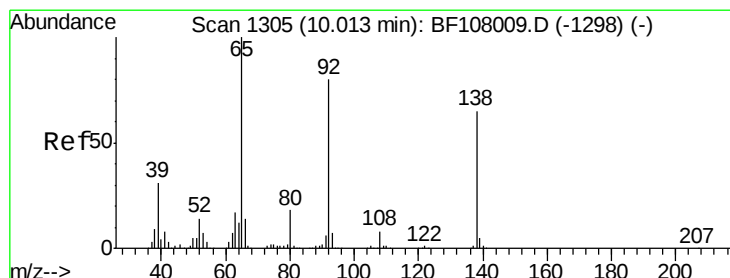
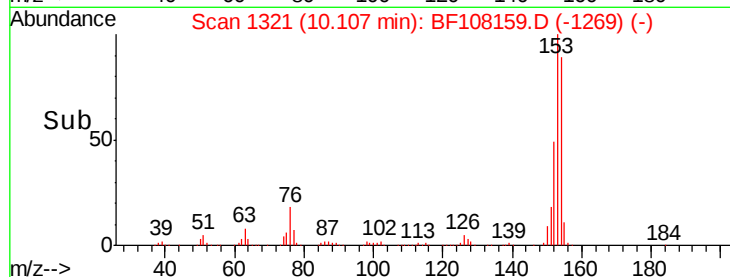
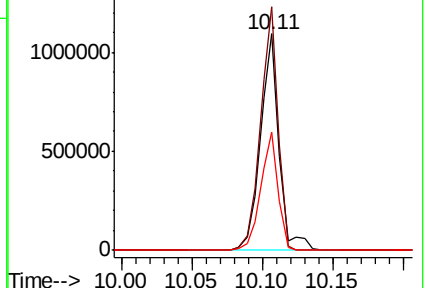
152 54.9 43.8 65.8



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: 42.454 ng

RT: 10.02 min Scan# 1307

Delta R.T. 0.01 min

Lab File: BF108159.D

Acq: 15 Aug 2018 11:43

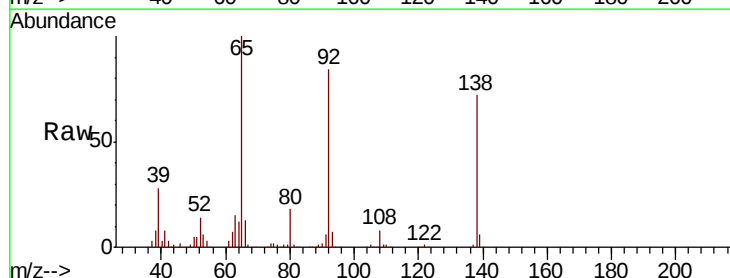
Tgt Ion:138 Resp: 298866

Ion Ratio Lower Upper

138 100

108 10.5 9.4 14.0

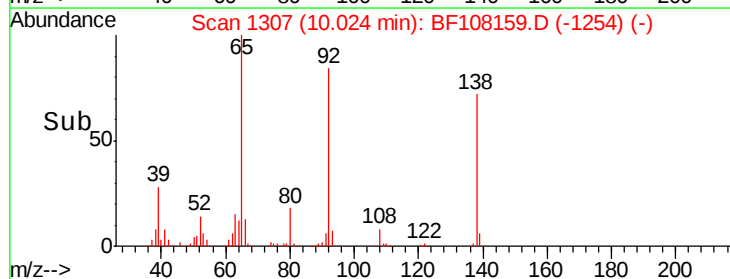
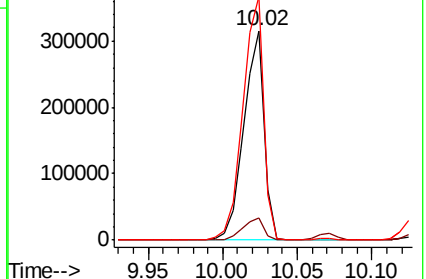
92 116.4 89.4 134.2

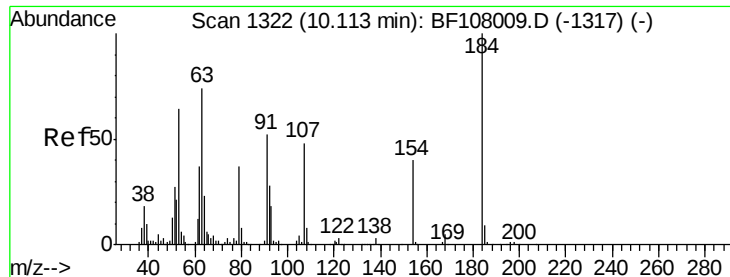


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

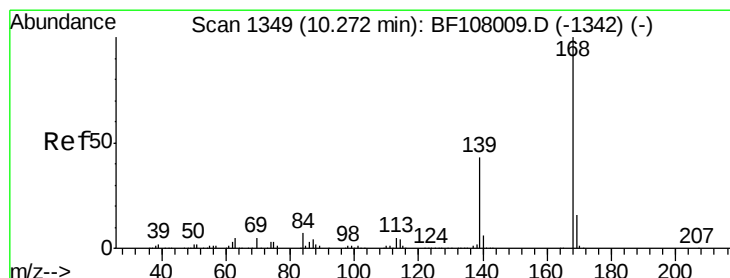
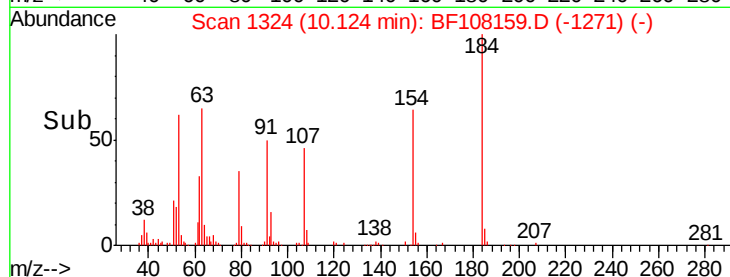
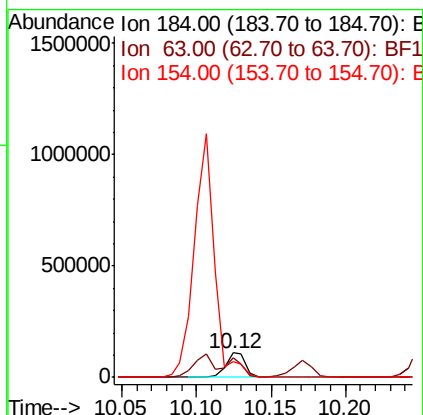
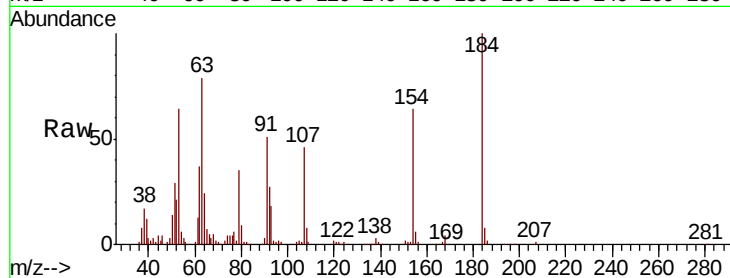




#53
2,4-Dinitrophenol
Concen: 46.149 ng
RT: 10.12 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF108159.D
Acq: 15 Aug 2018 11:43

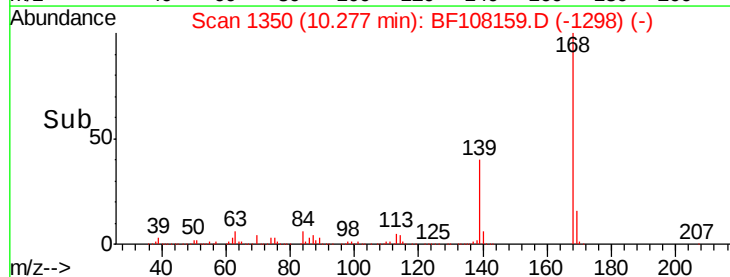
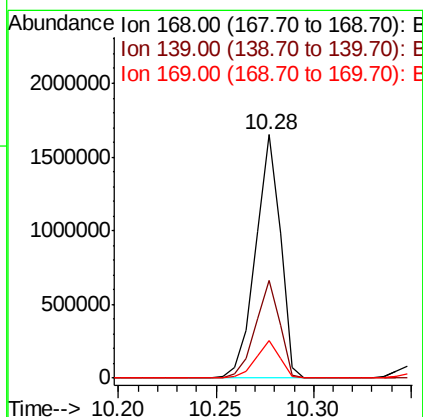
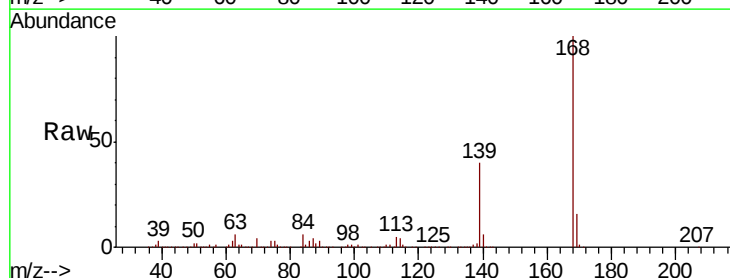
Instrument :
BNA_F
ClientSampleId :

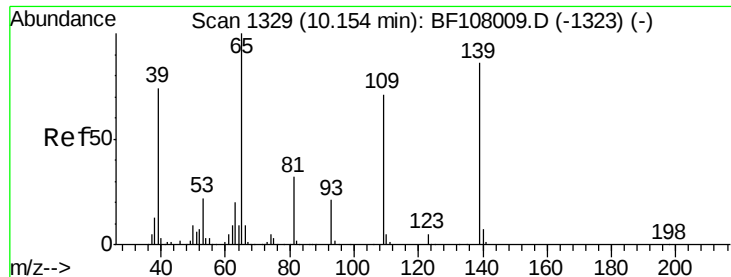
Tot Ion:184 Resp: 103280
Ion Ratio Lower Upper
184 100
63 78.7 54.2 81.2
154 63.8 184.0 276.0#



#54
Dibenzofuran
Concen: 40.243 ng
RT: 10.28 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF108159.D
Acq: 15 Aug 2018 11:43

Tgt Ion:168 Resp: 1452427
Ion Ratio Lower Upper
168 100
139 40.4 30.1 45.1
169 15.5 10.9 16.3

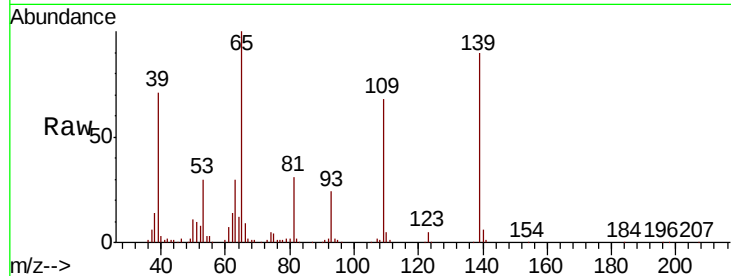




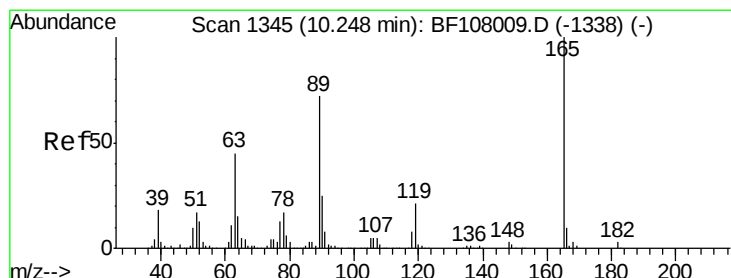
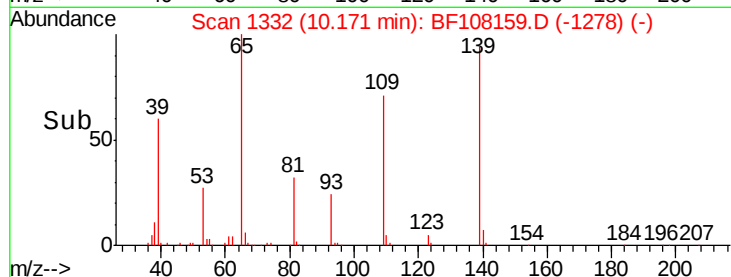
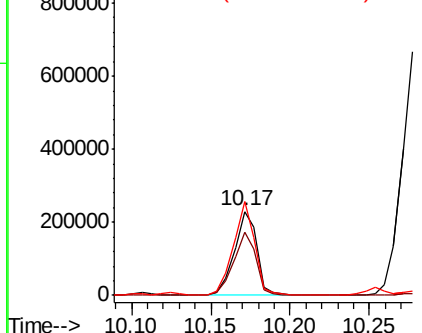
#55
4-Nitrophenol
Concen: 42.524 ng
RT: 10.17 min Scan# 1332
Delta R.T. 0.02 min
Lab File: BF108159.D
Acq: 15 Aug 2018 11:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 226687
Ion Ratio Lower Upper
139 100
109 75.8 48.4 88.4
65 111.7 72.6 112.6

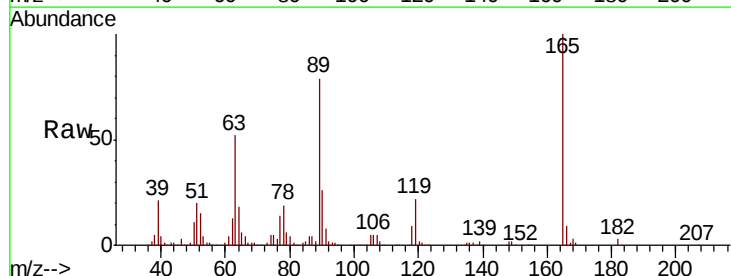


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

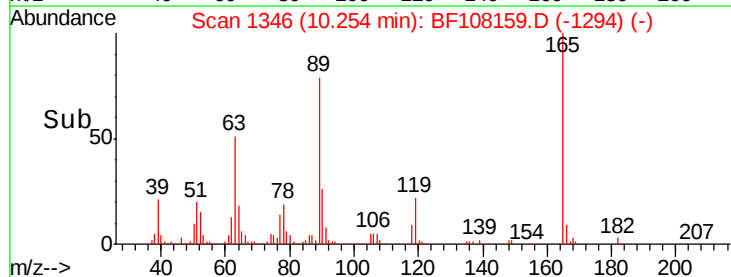
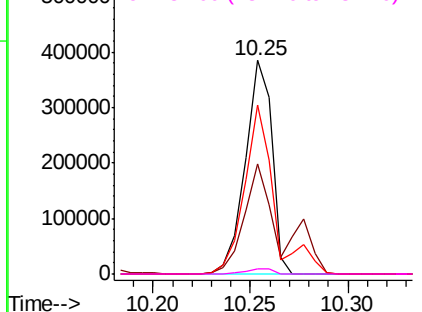


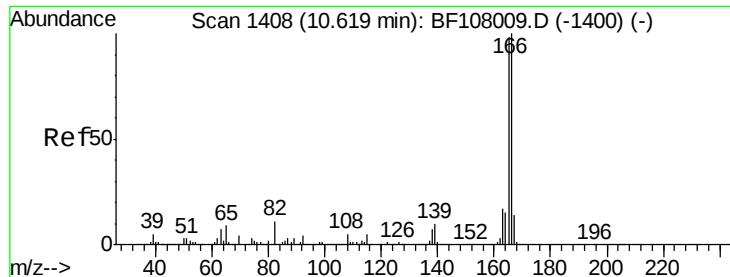
#56
2,4-Dinitrotoluene
Concen: 44.071 ng
RT: 10.25 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BF108159.D
Acq: 15 Aug 2018 11:43

Tgt Ion:165 Resp: 364991
Ion Ratio Lower Upper
165 100
63 51.6 36.4 54.6
89 79.2 57.8 86.6
182 2.7 1.6 2.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

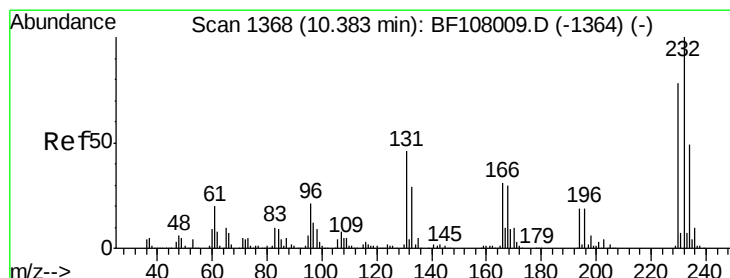
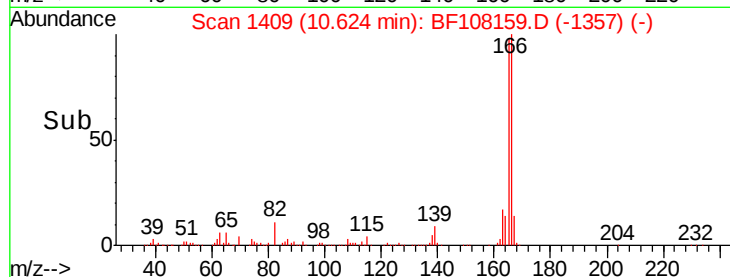
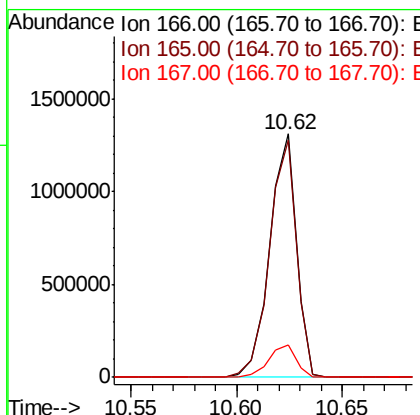
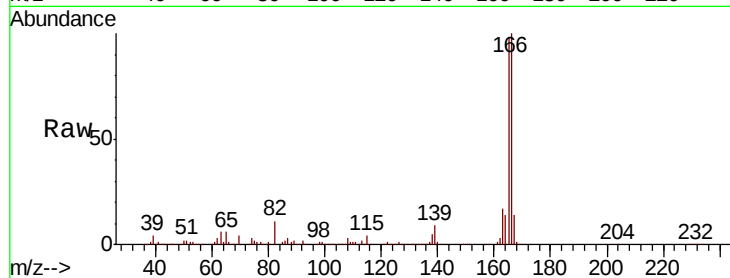




#57
 Fluorene
 Concen: 40.471 ng
 RT: 10.62 min Scan# 1409
 Delta R.T. 0.01 min
 Lab File: BF108159.D
 Acq: 15 Aug 2018 11:43

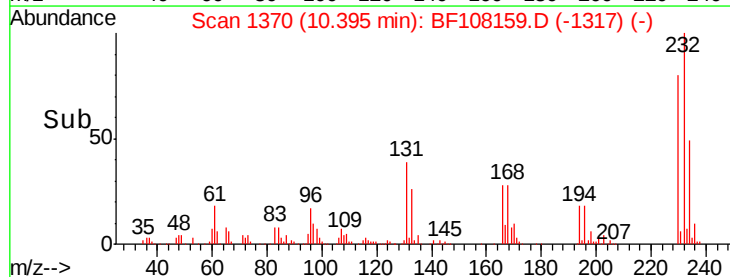
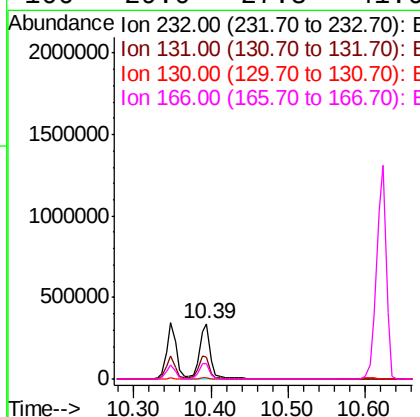
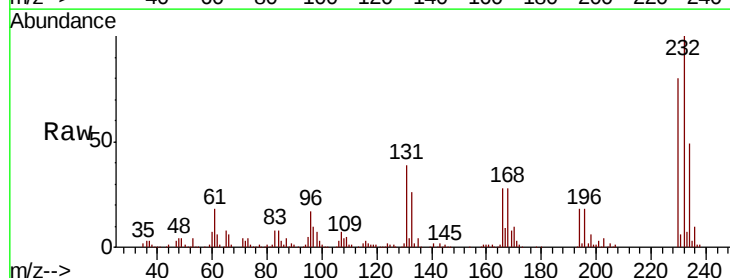
Instrument :
 BNA_F
 ClientSampleId :

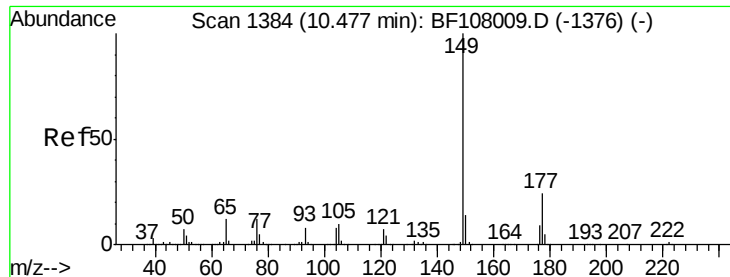
Tot Ion:166 Resp: 1156276
 Ion Ratio Lower Upper
 166 100
 165 97.5 79.8 119.8
 167 13.5 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.233 ng
 RT: 10.39 min Scan# 1370
 Delta R.T. 0.01 min
 Lab File: BF108159.D
 Acq: 15 Aug 2018 11:43

Tgt Ion:232 Resp: 334659
 Ion Ratio Lower Upper
 232 100
 131 41.5 43.8 65.8#
 130 2.1 2.1 3.1#
 166 29.0 27.8 41.6





#59

Diethylphthalate

Concen: 39.525 ng

RT: 10.48 min Scan# 1385

Delta R.T. 0.01 min

Lab File: BF108159.D

Acq: 15 Aug 2018 11:43

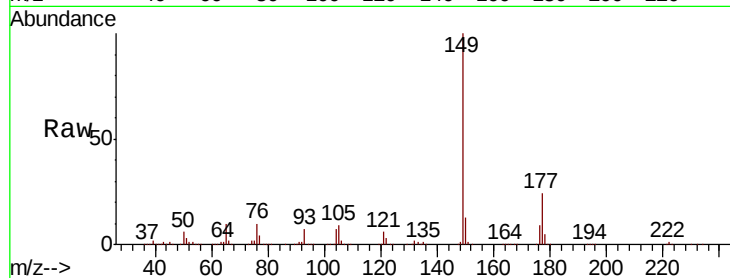
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1177013

Ion	Ratio	Lower	Upper
149	100		
177	24.0	16.1	24.1
150	13.0	10.1	15.1

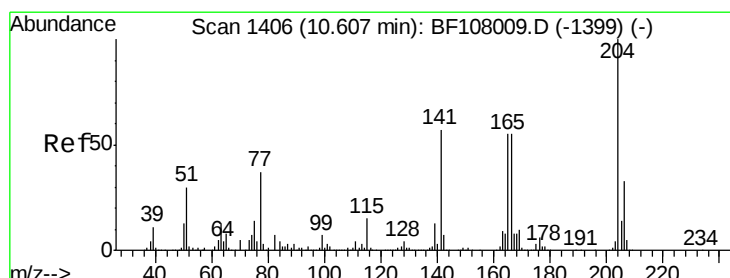
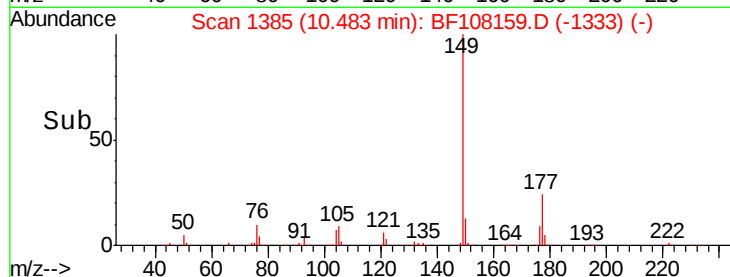
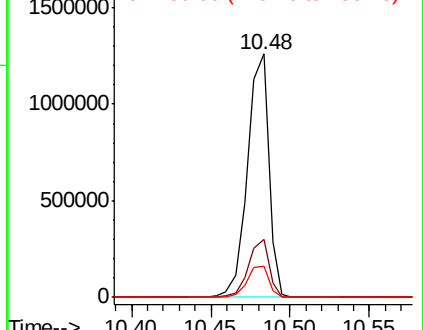


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.951 ng

RT: 10.61 min Scan# 1406

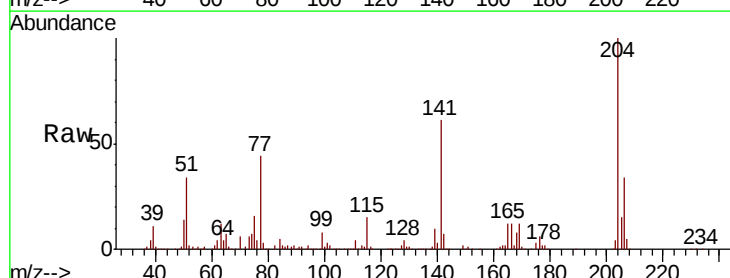
Delta R.T. -0.00 min

Lab File: BF108159.D

Acq: 15 Aug 2018 11:43

Tgt Ion:204 Resp: 594764

Ion	Ratio	Lower	Upper
204	100		
206	34.1	26.5	39.7
141	61.3	54.6	81.8

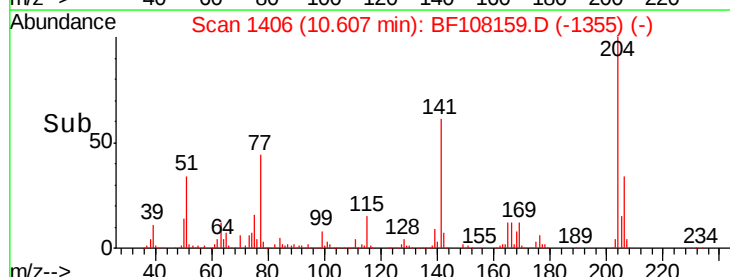
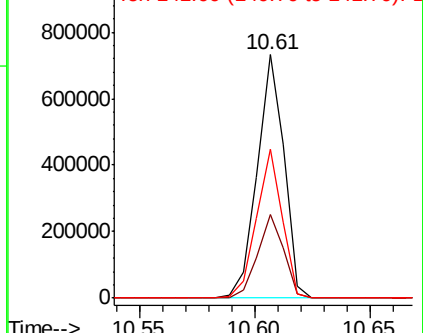


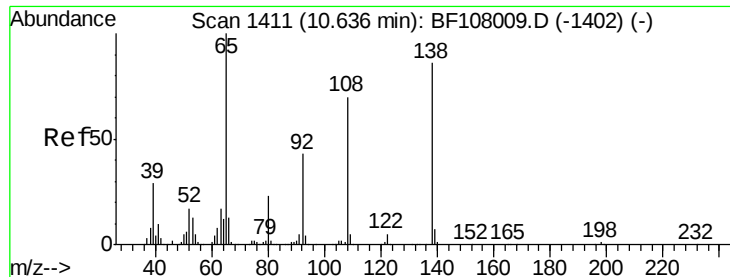
Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

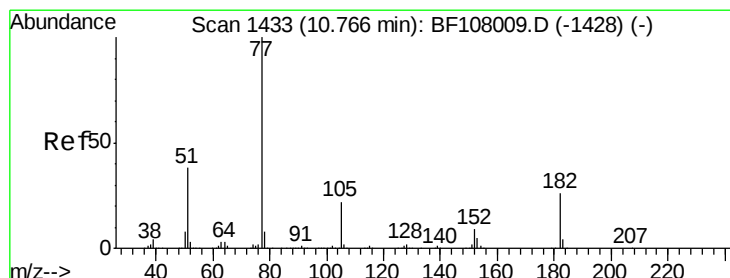
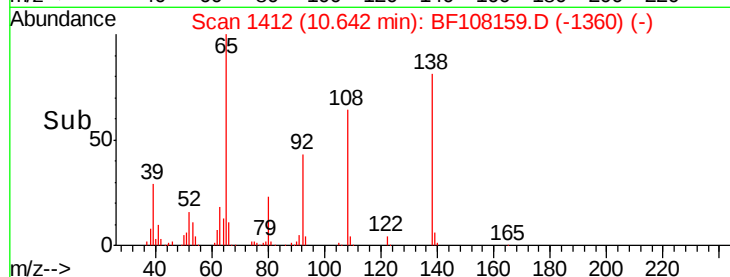
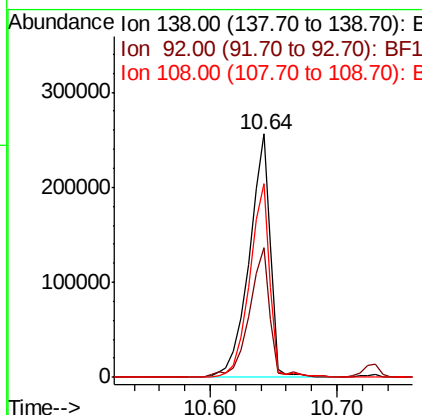
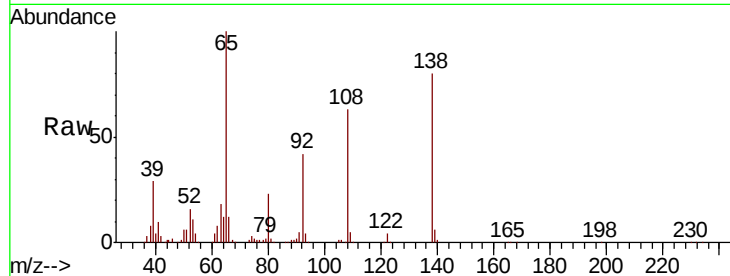




#61
4-Nitroaniline
Concen: 42.804 ng
RT: 10.64 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF108159.D
Acq: 15 Aug 2018 11:43

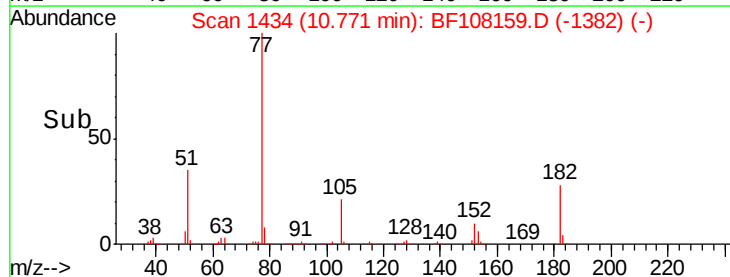
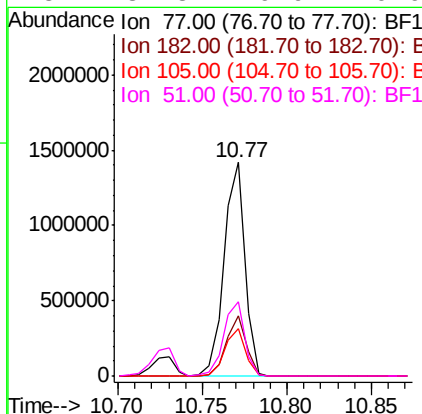
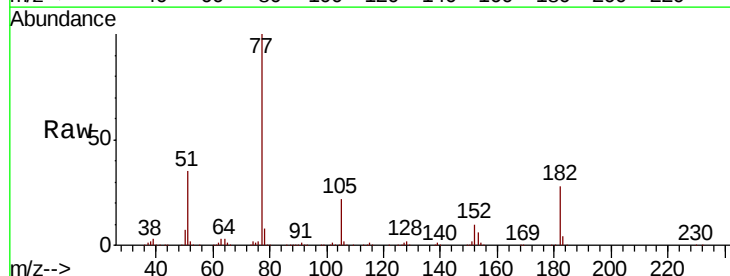
Instrument :
BNA_F
ClientSampled :

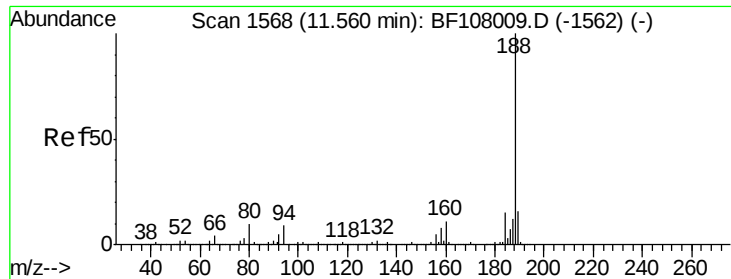
Tot Ion:138 Resp: 297913
Ion Ratio Lower Upper
138 100
92 53.1 30.2 70.2
108 79.6 52.5 92.5



#62
Azobenzene
Concen: 39.477 ng
RT: 10.77 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF108159.D
Acq: 15 Aug 2018 11:43

Tgt Ion: 77 Resp: 1214054
Ion Ratio Lower Upper
77 100
182 28.2 1.7 41.7
105 22.1 3.0 43.0
51 34.8 9.9 49.9

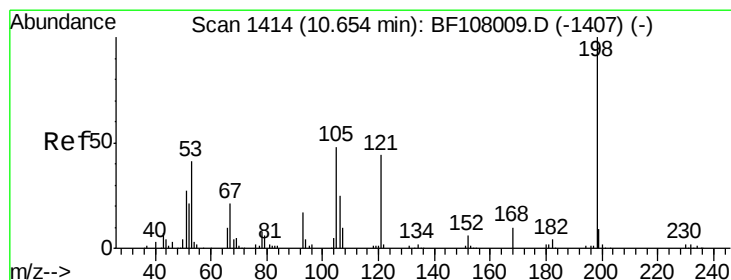
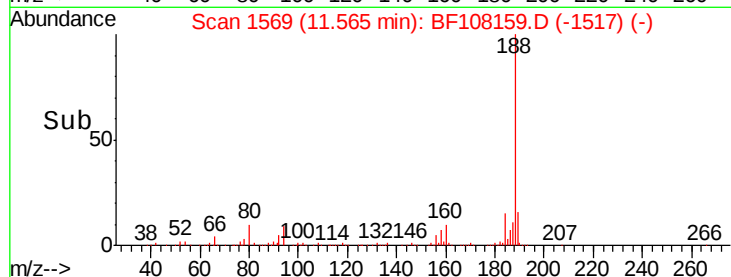
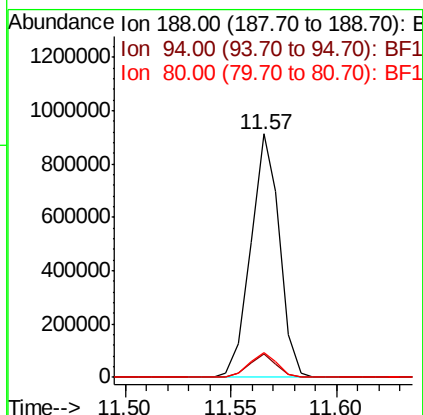
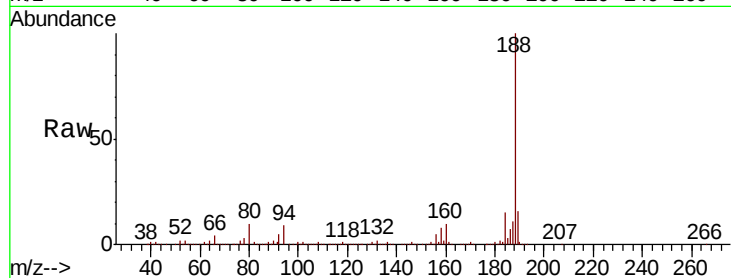




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.57 min Scan# 1569
Delta R.T. 0.01 min
Lab File: BF108159.D
Acq: 15 Aug 2018 11:43

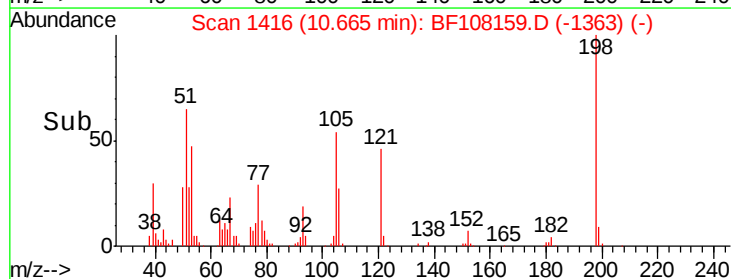
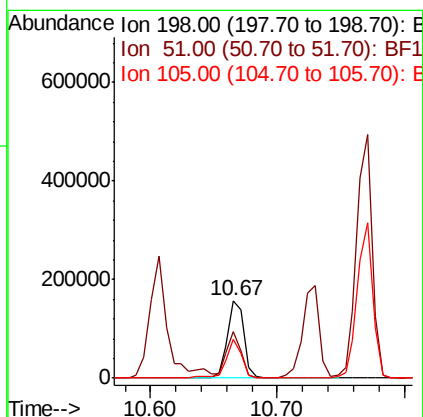
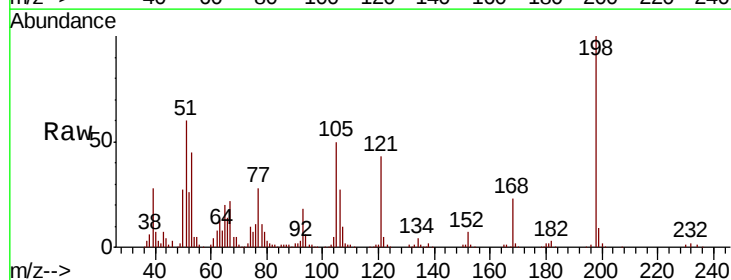
Instrument :
BNA_F
ClientSampleId :

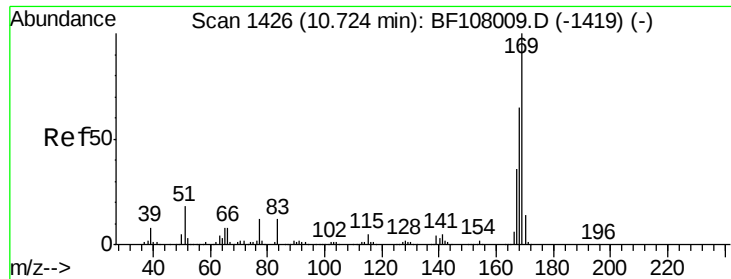
Tot Ion:188 Resp: 861716
Ion Ratio Lower Upper
188 100
94 9.4 8.5 12.7
80 10.1 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 44.343 ng
RT: 10.67 min Scan# 1416
Delta R.T. 0.01 min
Lab File: BF108159.D
Acq: 15 Aug 2018 11:43

Tgt Ion:198 Resp: 141970
Ion Ratio Lower Upper
198 100
51 60.1 37.7 77.7
105 49.7 36.3 76.3

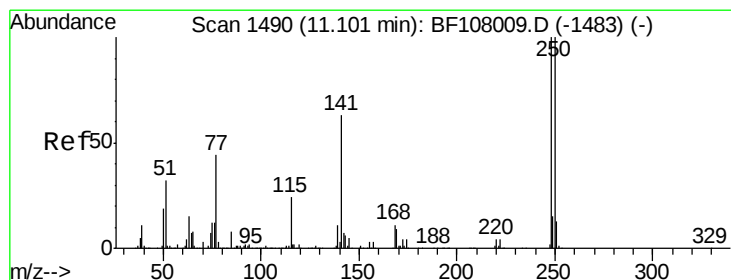
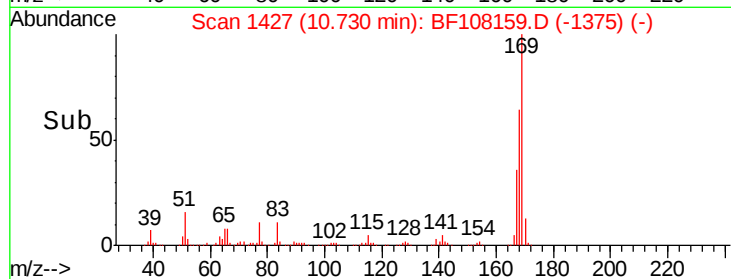
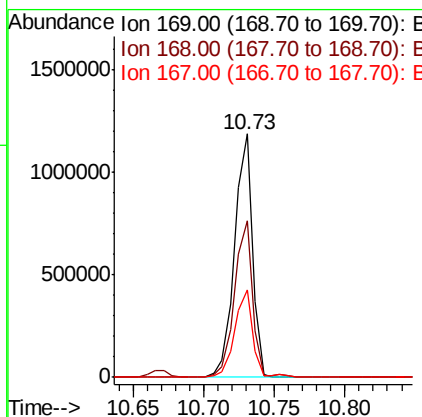
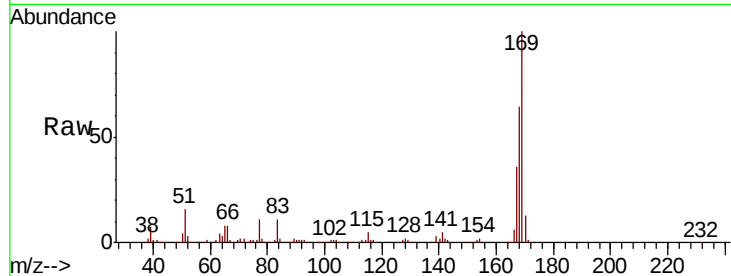




#65
n-Nitrosodiphenylamine
Concen: 41.152 ng
RT: 10.73 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF108159.D
Acq: 15 Aug 2018 11:43

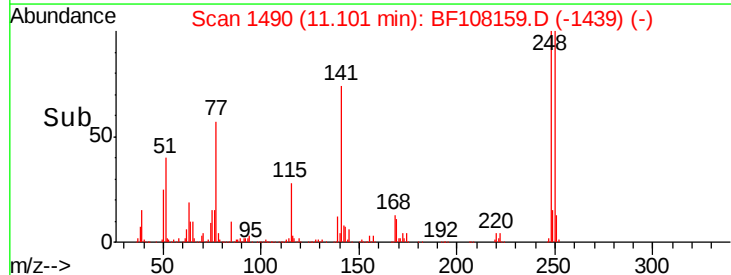
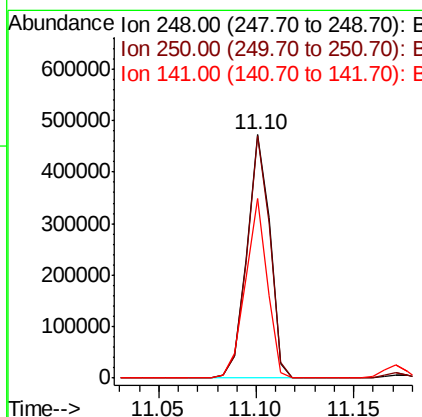
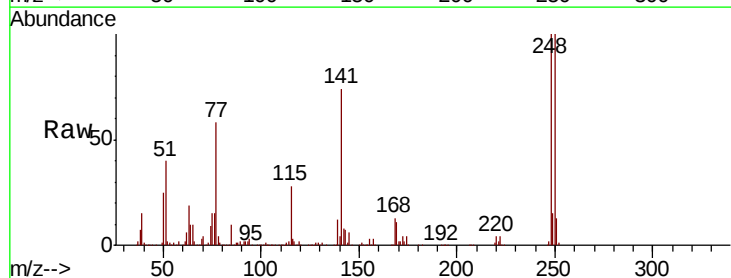
Instrument :
BNA_F
ClientSampleId :

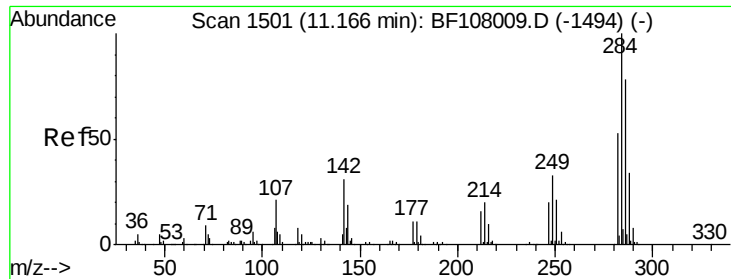
Tot Ion:169 Resp: 1047916
Ion Ratio Lower Upper
169 100
168 64.5 54.4 81.6
167 35.9 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 41.236 ng
RT: 11.10 min Scan# 1490
Delta R.T. -0.00 min
Lab File: BF108159.D
Acq: 15 Aug 2018 11:43

Tgt Ion:248 Resp: 386155
Ion Ratio Lower Upper
248 100
250 99.7 76.9 115.3
141 73.6 74.4 111.6#

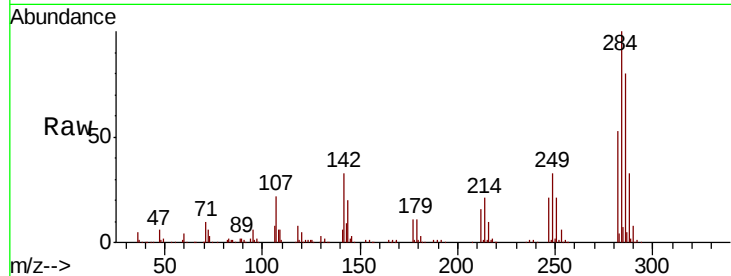




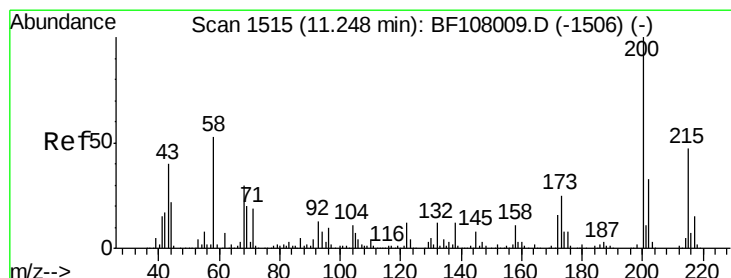
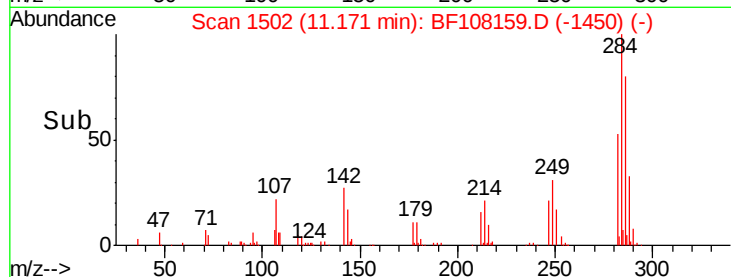
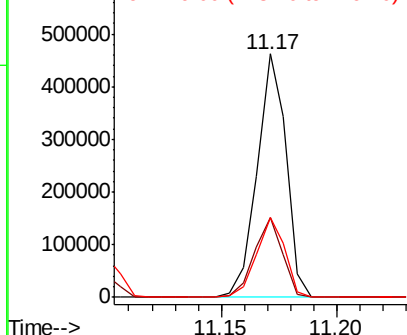
#67
Hexachlorobenzene
Concen: 41.083 ng
RT: 11.17 min Scan# 1502
Delta R.T. 0.01 min
Lab File: BF108159.D
Acq: 15 Aug 2018 11:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 404791
Ion Ratio Lower Upper
284 100
142 32.8 34.6 52.0#
249 32.9 24.8 37.2

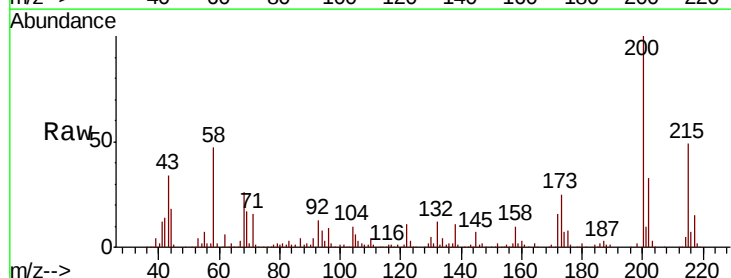


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

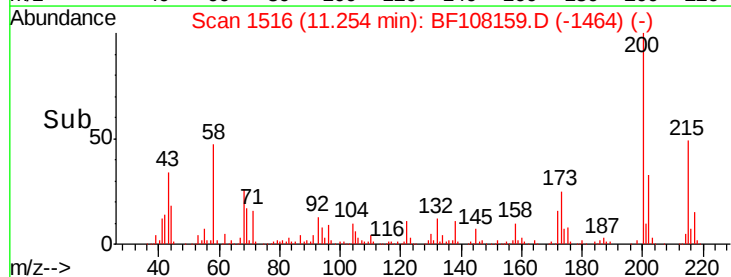
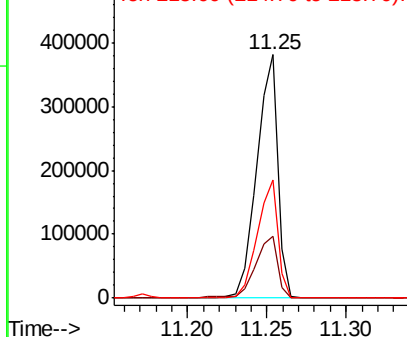


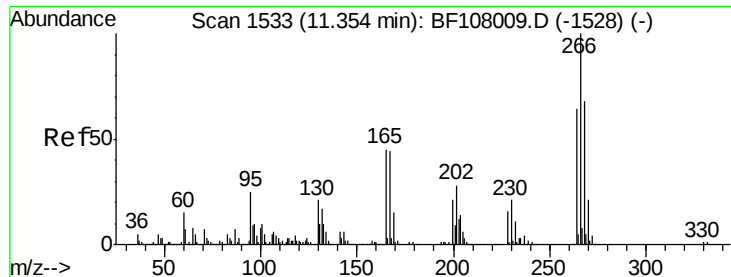
#68
Atrazine
Concen: 41.373 ng
RT: 11.25 min Scan# 1516
Delta R.T. 0.01 min
Lab File: BF108159.D
Acq: 15 Aug 2018 11:43

Tgt Ion:200 Resp: 353363
Ion Ratio Lower Upper
200 100
173 25.2 8.6 48.6
215 48.7 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

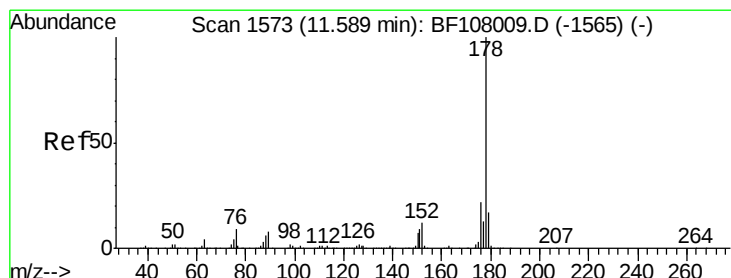
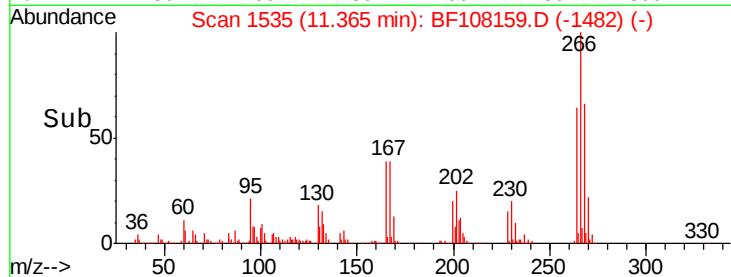
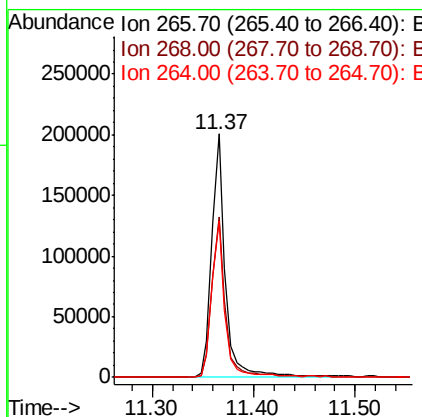
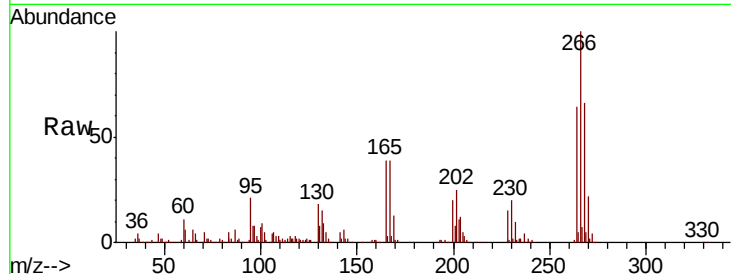




#69
 Pentachlorophenol
 Concen: 40.220 ng
 RT: 11.37 min Scan# 1535
 Delta R.T. 0.01 min
 Lab File: BF108159.D
 Acq: 15 Aug 2018 11:43

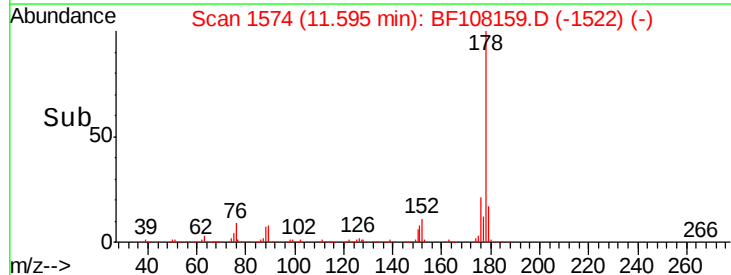
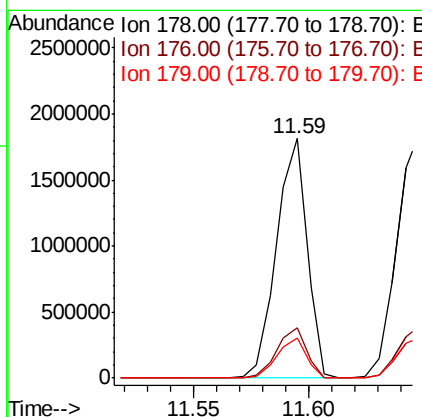
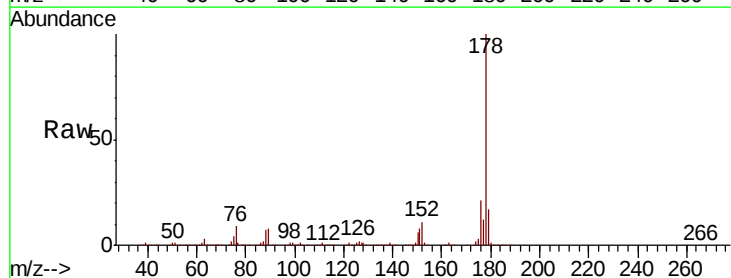
Instrument :
 BNA_F
 ClientSampleId :

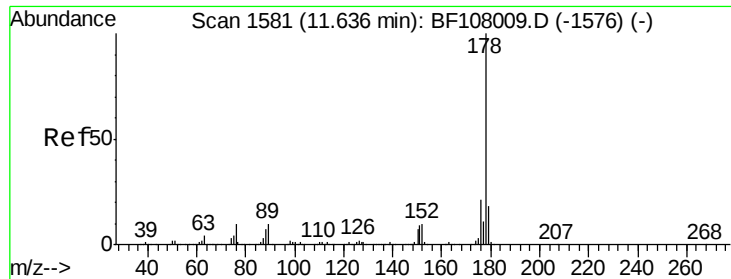
Tot Ion	Ratio	Lower	Upper
266	100		
268	65.9	51.1	76.7
264	64.4	49.5	74.3



#70
 Phenanthrene
 Concen: 40.969 ng
 RT: 11.59 min Scan# 1574
 Delta R.T. 0.01 min
 Lab File: BF108159.D
 Acq: 15 Aug 2018 11:43

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.0	15.8	23.8
179	16.5	13.0	19.6

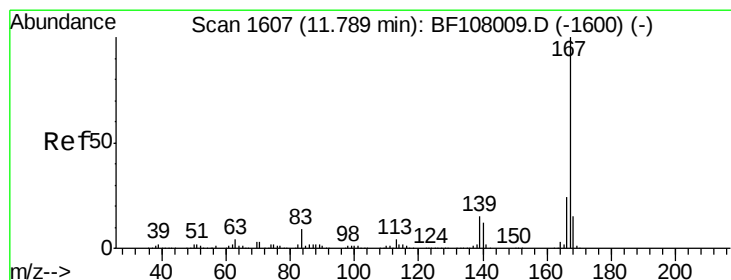
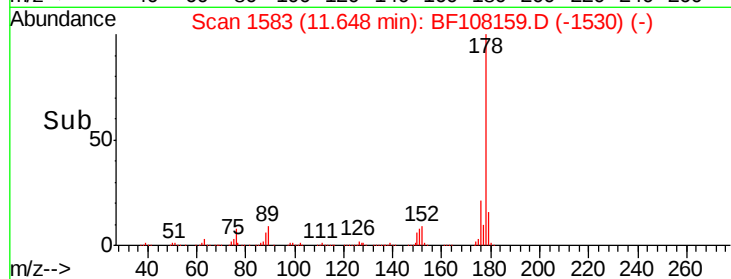
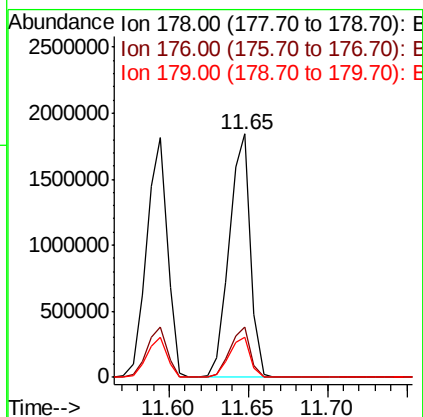
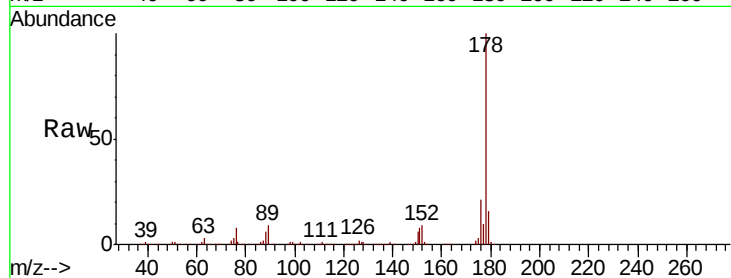




#71
 Anthracene
 Concen: 41.000 ng
 RT: 11.65 min Scan# 1583
 Delta R.T. 0.01 min
 Lab File: BF108159.D
 Acq: 15 Aug 2018 11:43

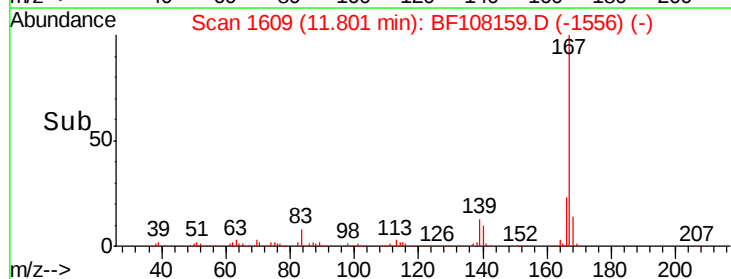
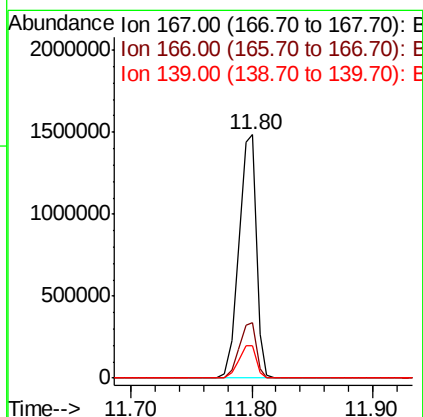
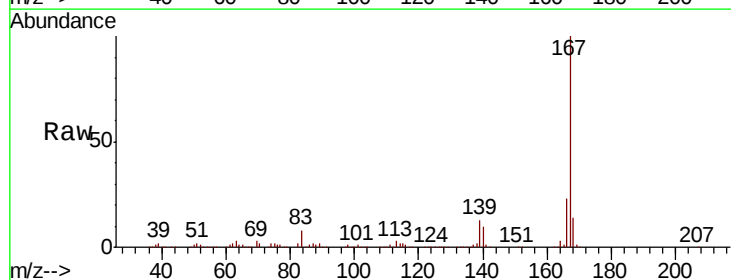
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1707955
 Ion Ratio Lower Upper
 178 100
 176 20.7 15.4 23.2
 179 16.4 12.6 19.0



#72
 Carbazole
 Concen: 40.657 ng
 RT: 11.80 min Scan# 1609
 Delta R.T. 0.01 min
 Lab File: BF108159.D
 Acq: 15 Aug 2018 11:43

Tgt Ion:167 Resp: 1504765
 Ion Ratio Lower Upper
 167 100
 166 22.8 17.6 26.4
 139 13.2 10.9 16.3

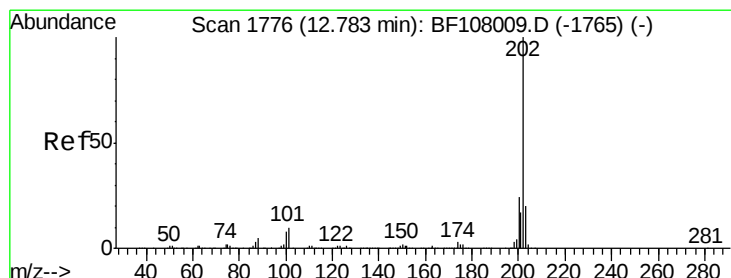
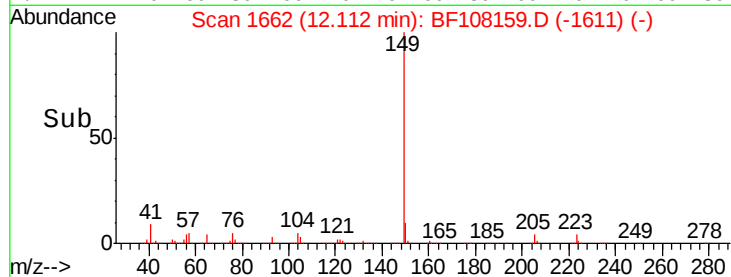
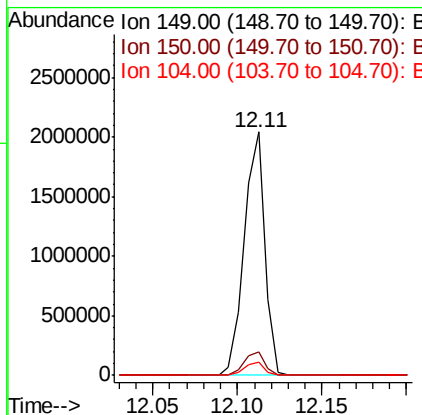
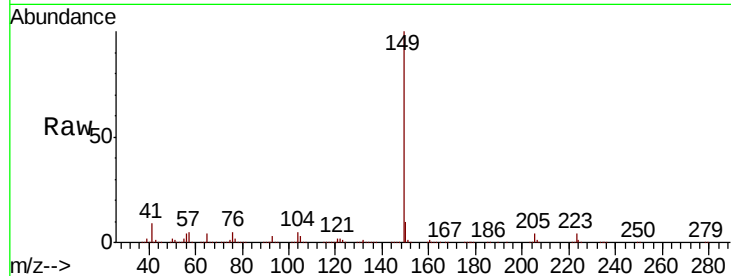




#73
Di-n-butylphthalate
Concen: 41.528 ng
RT: 12.11 min Scan# 1662
Delta R.T. -0.00 min
Lab File: BF108159.D
Acq: 15 Aug 2018 11:43

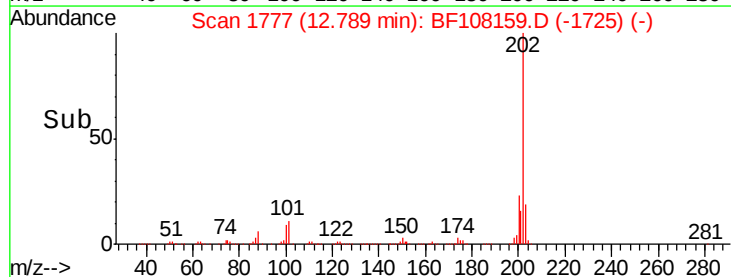
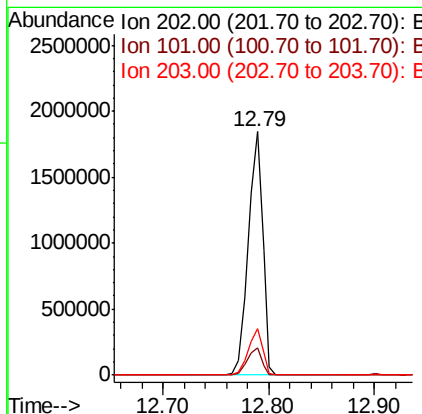
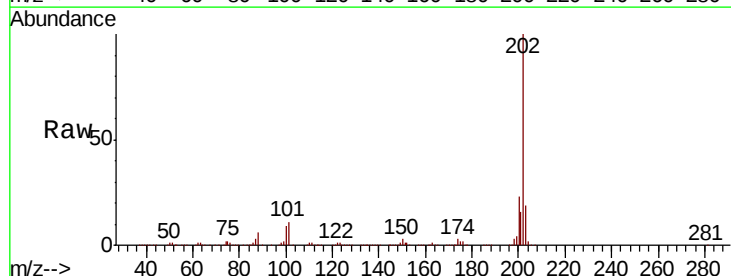
Instrument :
BNA_F
ClientSampleId :

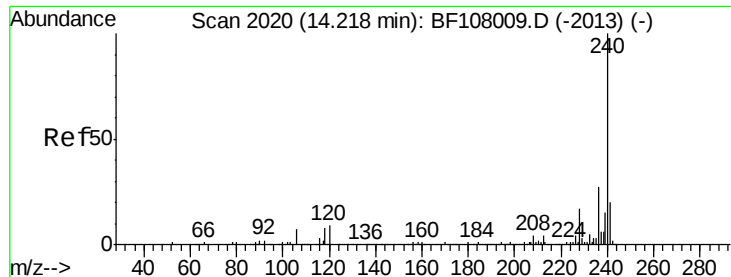
Tot Ion:149 Resp: 1740964
Ion Ratio Lower Upper
149 100
150 9.8 7.8 11.6
104 5.5 3.8 5.8



#74
Fluoranthene
Concen: 39.447 ng
RT: 12.79 min Scan# 1777
Delta R.T. 0.01 min
Lab File: BF108159.D
Acq: 15 Aug 2018 11:43

Tgt Ion:202 Resp: 1749805
Ion Ratio Lower Upper
202 100
101 11.2 0.0 34.1
203 19.2 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.22 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BF108159.D

Acq: 15 Aug 2018 11:43

Instrument :

BNA_F

ClientSampled :

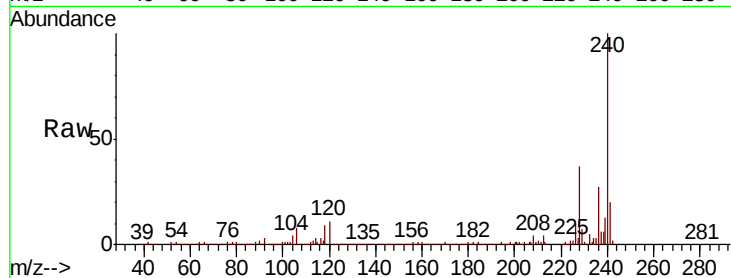
Tot Ion:240 Resp: 583020

Ion Ratio Lower Upper

240 100

120 10.7 9.5 14.3

236 26.7 20.7 31.1

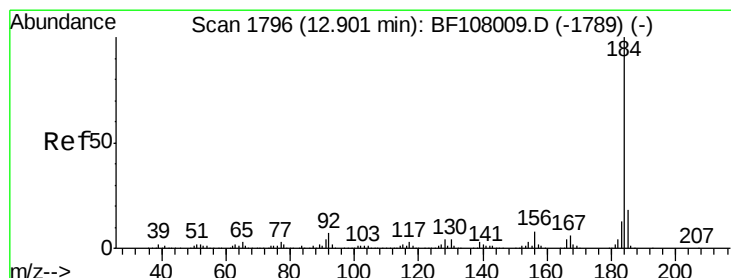
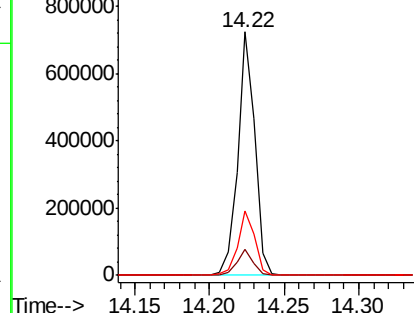
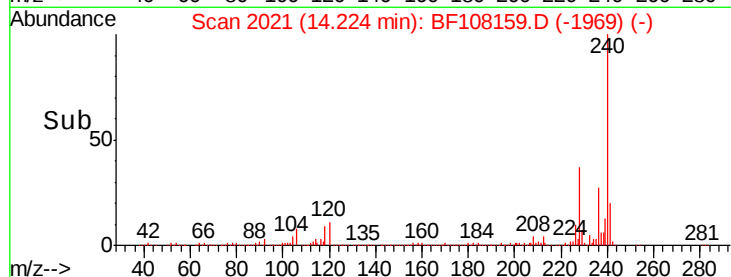


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 47.097 ng

RT: 12.91 min Scan# 1797

Delta R.T. 0.01 min

Lab File: BF108159.D

Acq: 15 Aug 2018 11:43

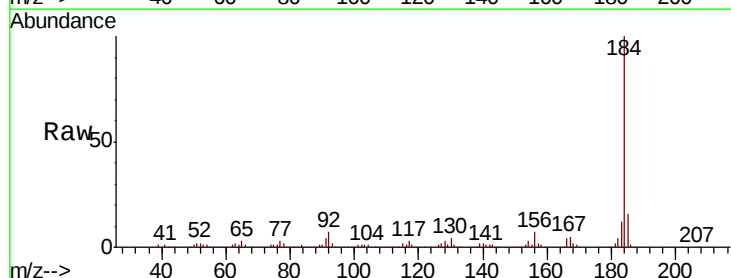
Tgt Ion:184 Resp: 1025911

Ion Ratio Lower Upper

184 100

185 15.5 12.6 18.8

183 12.3 9.3 13.9

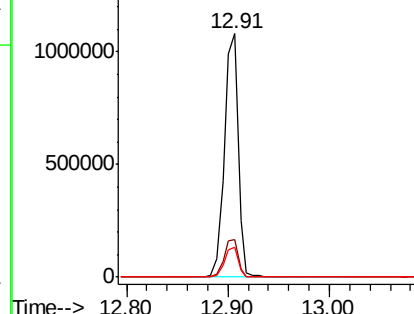
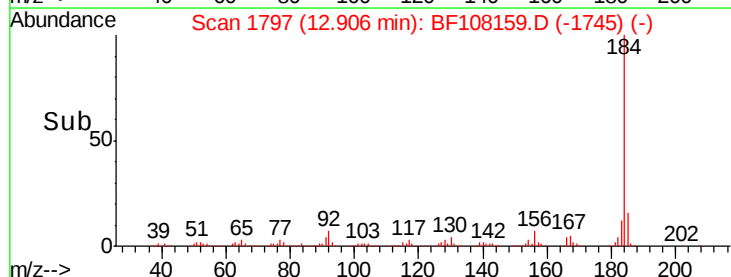


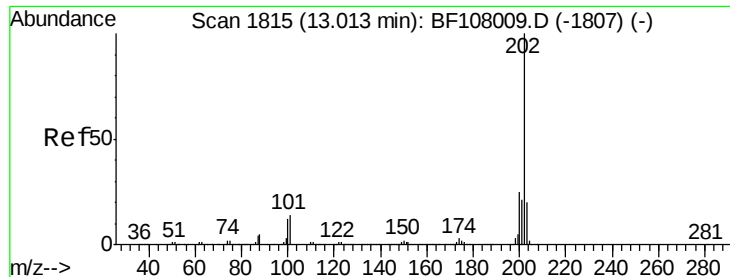
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 46.878 ng

RT: 13.02 min Scan# 1817

Delta R.T. 0.01 min

Lab File: BF108159.D

Acq: 15 Aug 2018 11:43

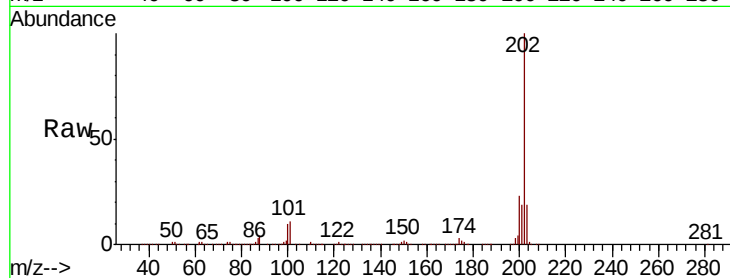
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 1730321

Ion	Ratio	Lower	Upper
202	100		
200	22.8	17.4	26.2
203	18.7	14.3	21.5

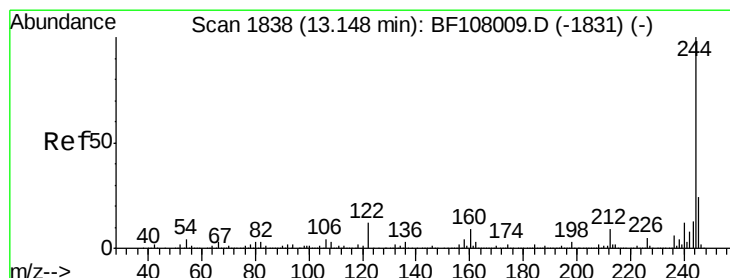
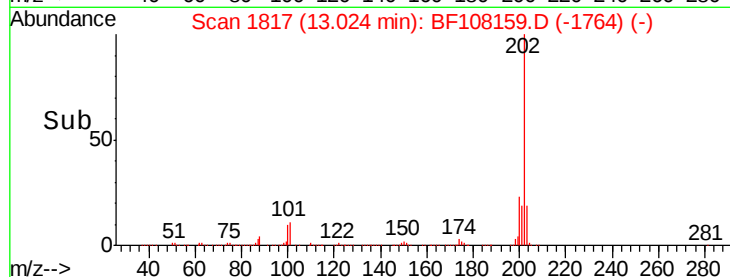
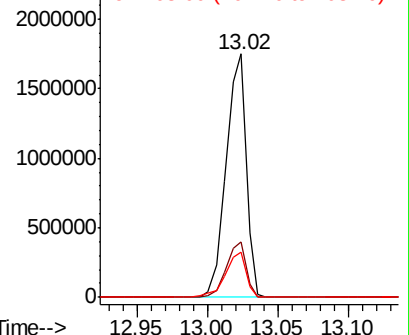


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 91.497 ng

RT: 13.15 min Scan# 1839

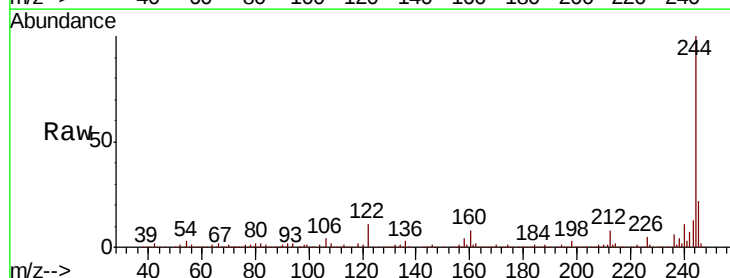
Delta R.T. 0.01 min

Lab File: BF108159.D

Acq: 15 Aug 2018 11:43

Tgt Ion:244 Resp: 2098058

Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.4	8.0#
122	11.2	11.0	16.4

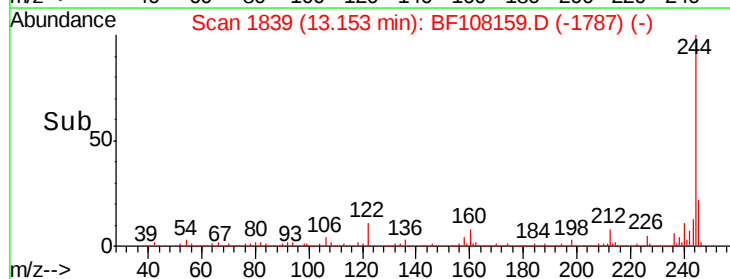
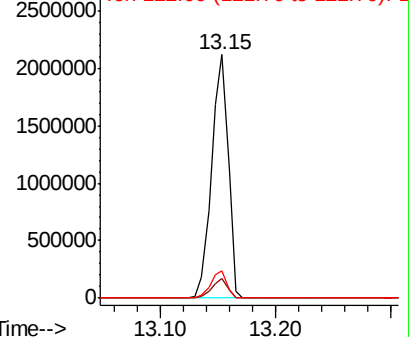


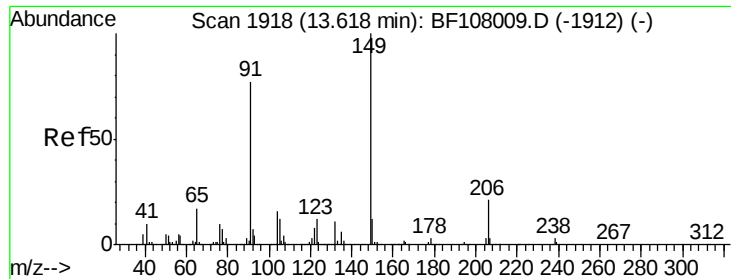
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

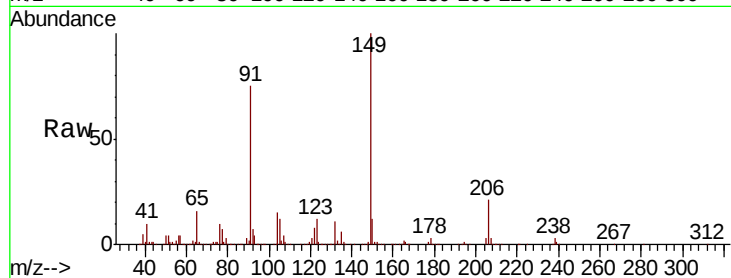




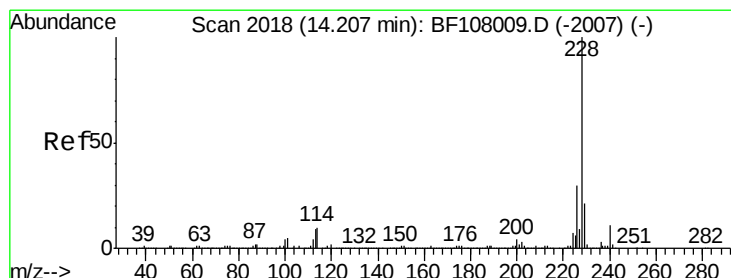
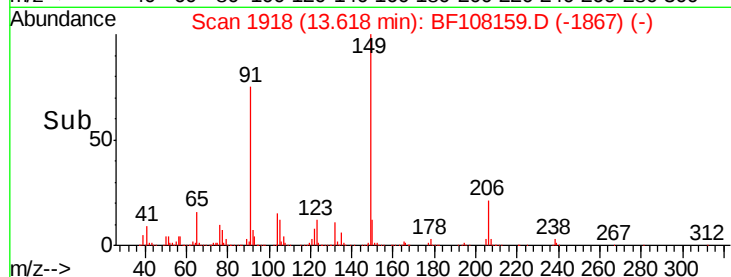
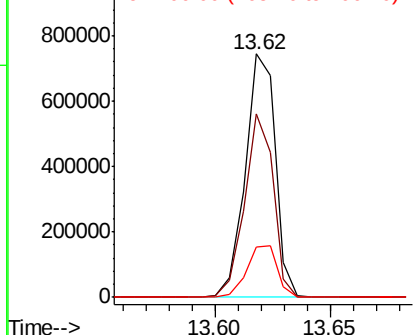
#79
Butylbenzylphthalate
Concen: 46.288 ng
RT: 13.62 min Scan# 1918
Delta R.T. -0.00 min
Lab File: BF108159.D
Acq: 15 Aug 2018 11:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 678443
Ion Ratio Lower Upper
149 100
91 75.4 56.8 85.2
206 20.8 14.1 21.1

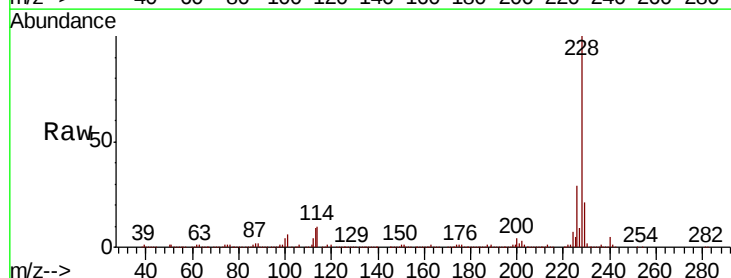


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

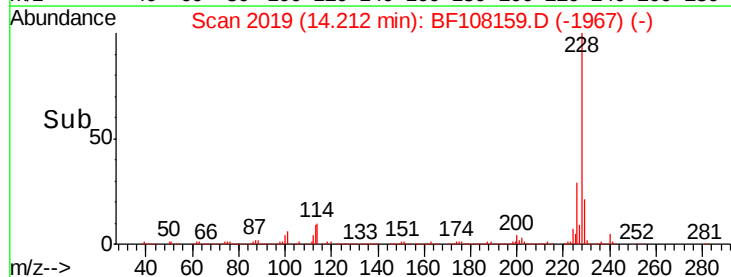
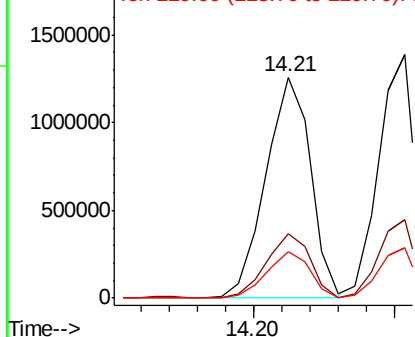


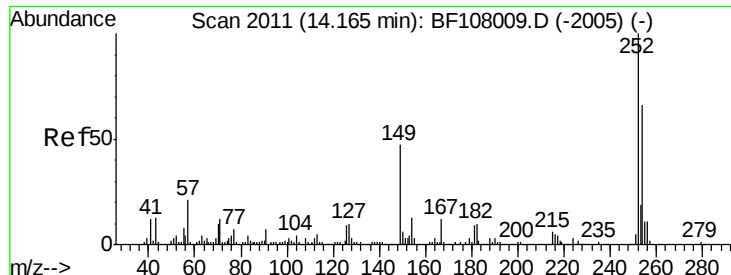
#80
Benzo(a)anthracene
Concen: 41.250 ng
RT: 14.21 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BF108159.D
Acq: 15 Aug 2018 11:43

Tgt Ion:228 Resp: 1380184
Ion Ratio Lower Upper
228 100
226 28.9 22.6 33.8
229 21.3 15.8 23.6



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

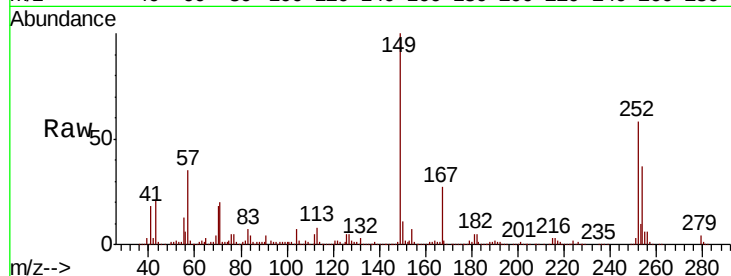




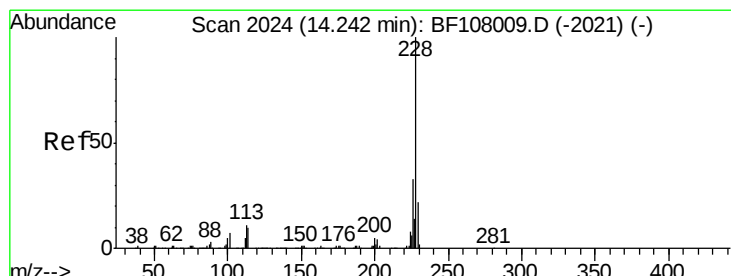
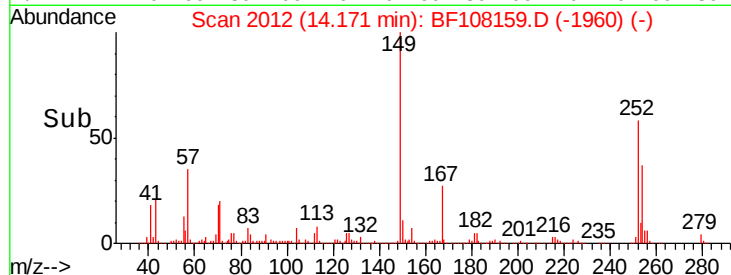
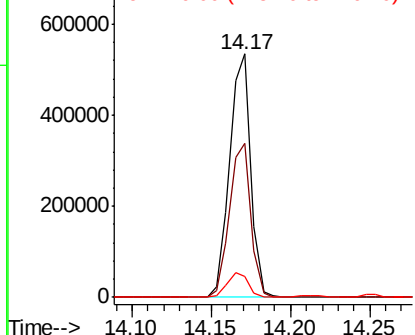
#81
 3,3'-Dichlorobenzidine
 Concen: 41.242 ng
 RT: 14.17 min Scan# 2012
 Delta R.T. 0.01 min
 Lab File: BF108159.D
 Acq: 15 Aug 2018 11:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 494527
 Ion Ratio Lower Upper
 252 100
 254 63.4 50.4 75.6
 126 8.8 11.3 16.9#

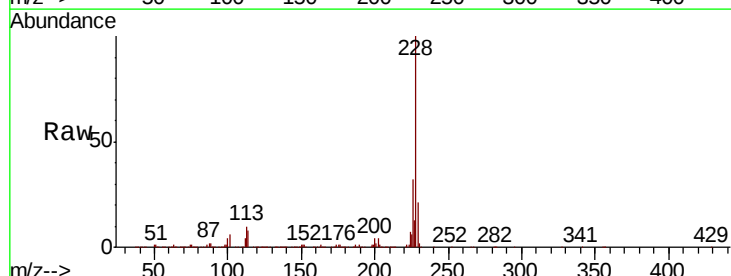


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

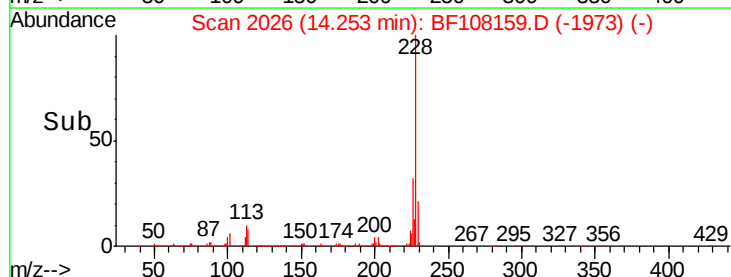
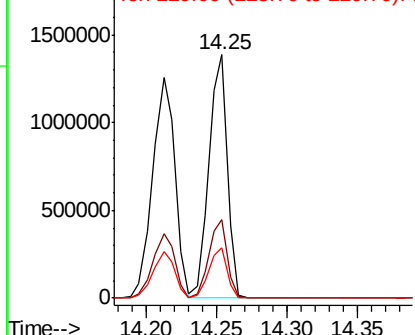


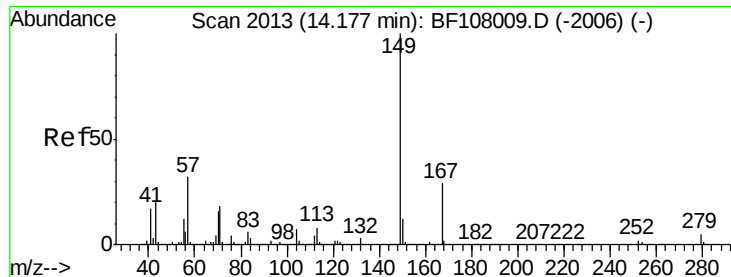
#82
 Chrysene
 Concen: 40.893 ng
 RT: 14.25 min Scan# 2026
 Delta R.T. 0.01 min
 Lab File: BF108159.D
 Acq: 15 Aug 2018 11:43

Tgt Ion:228 Resp: 1254408
 Ion Ratio Lower Upper
 228 100
 226 32.0 25.0 37.6
 229 20.7 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: 40.198 ng

RT: 14.17 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF108159.D

Acq: 15 Aug 2018 11:43

Instrument :

BNA_F

ClientSampled :

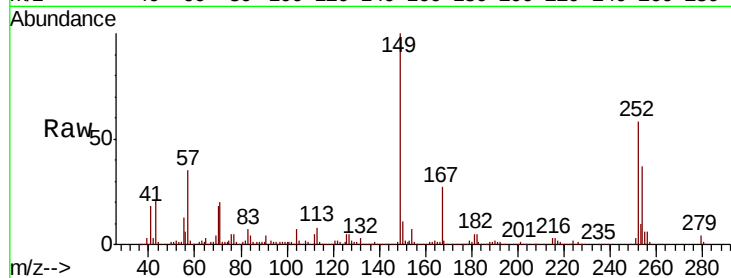
Tot Ion:149 Resp: 797846

Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.3	31.9
279	3.7	3.0	4.4

149 100

167 27.0 21.3 31.9

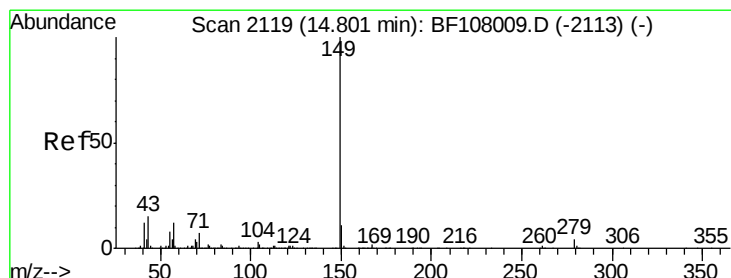
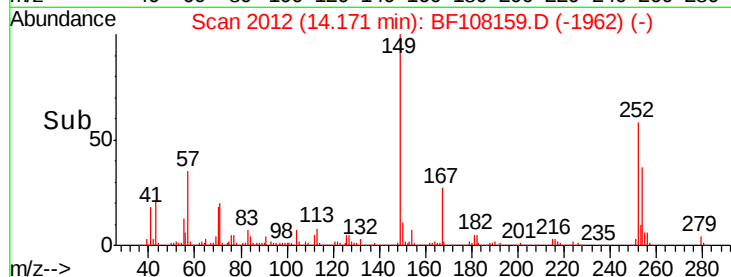
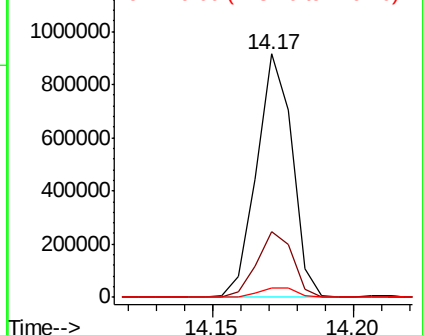
279 3.7 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 39.998 ng

RT: 14.80 min Scan# 2119

Delta R.T. -0.00 min

Lab File: BF108159.D

Acq: 15 Aug 2018 11:43

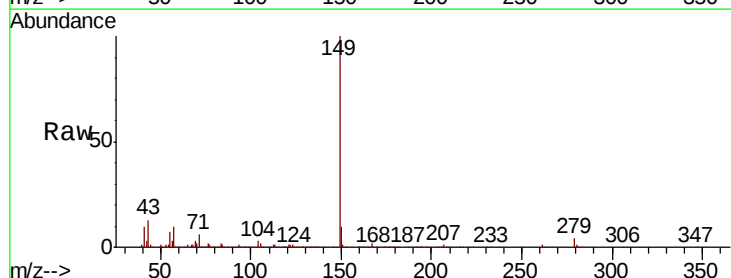
Tgt Ion:149 Resp: 1210735

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	12.3	8.4	12.6

149 100

167 1.7 1.2 1.8

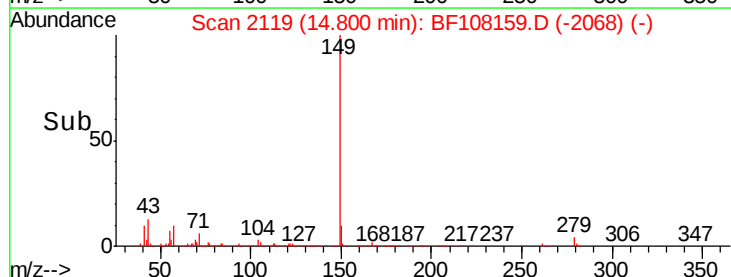
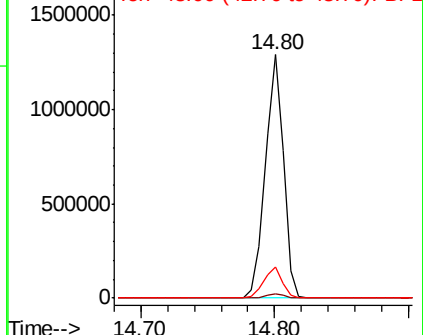
43 12.3 8.4 12.6

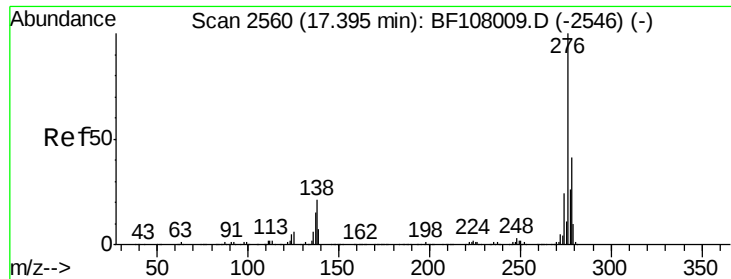


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





#85

Indeno(1,2,3-cd)pyrene

Concen: 44.225 ng

RT: 17.42 min Scan# 2565

Delta R.T. 0.03 min

Lab File: BF108159.D

Acq: 15 Aug 2018 11:43

Instrument :

BNA_F

ClientSampled :

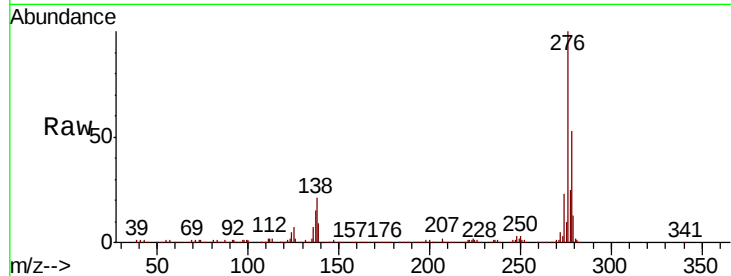
Tot Ion:276 Resp: 1175447

Ion Ratio Lower Upper

276 100

138 22.1 25.0 37.6#

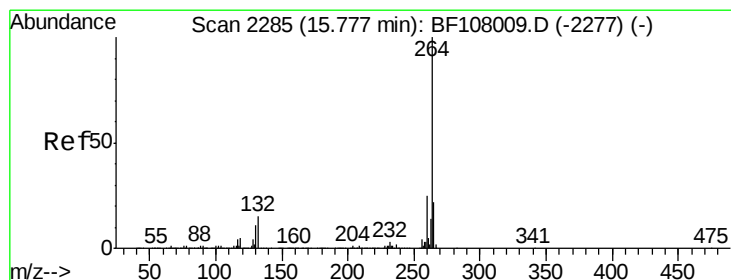
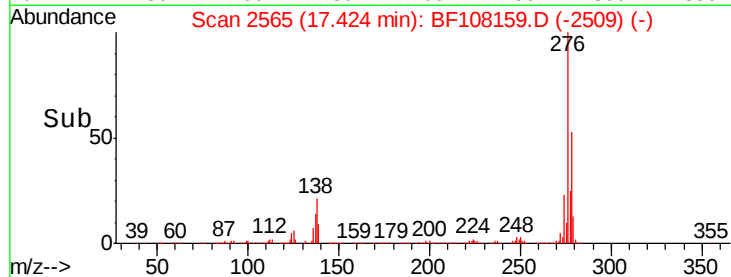
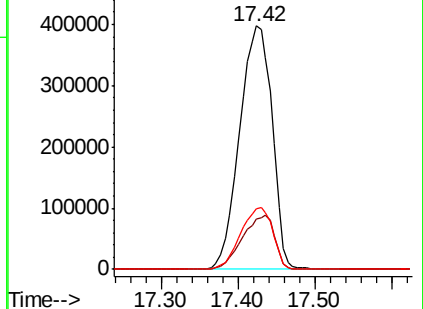
277 25.3 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.79 min Scan# 2287

Delta R.T. 0.01 min

Lab File: BF108159.D

Acq: 15 Aug 2018 11:43

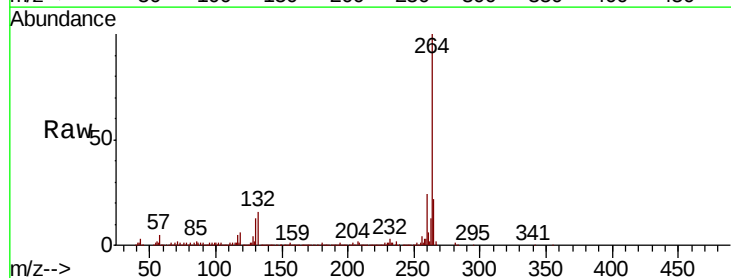
Tgt Ion:264 Resp: 469275

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

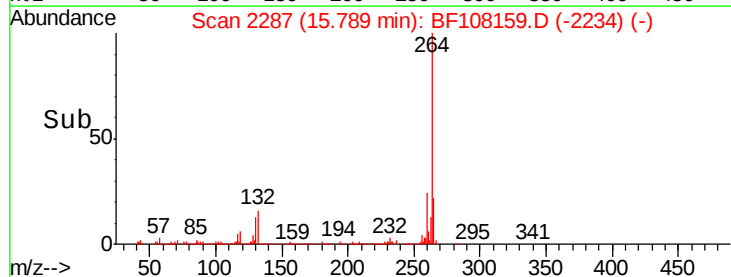
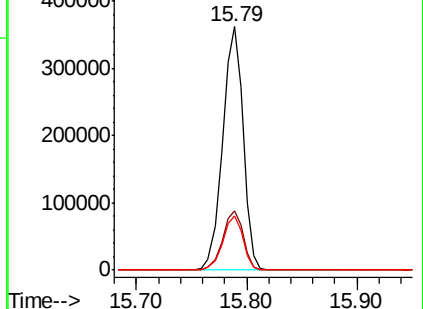
265 22.0 17.5 26.3

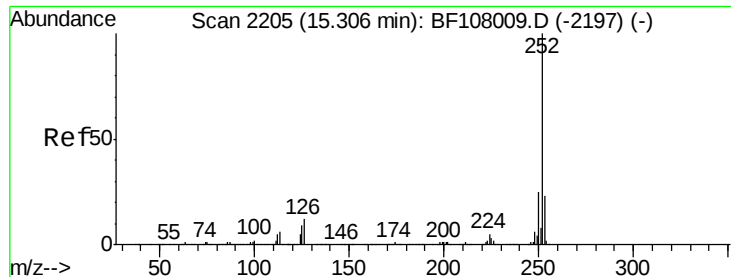


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

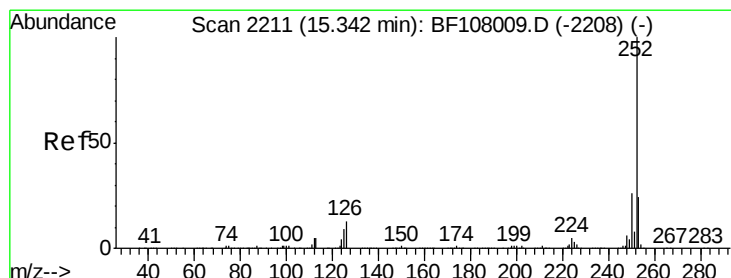
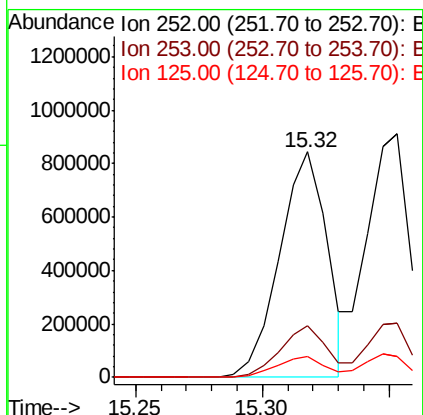
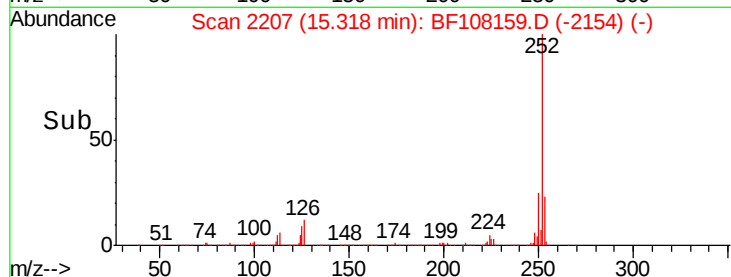
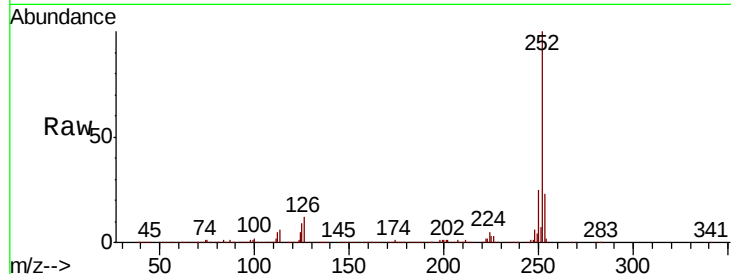




#87
Benzo(b)fluoranthene
Concen: 39.175 ng
RT: 15.32 min Scan# 2207
Delta R.T. 0.01 min
Lab File: BF108159.D
Acq: 15 Aug 2018 11:43

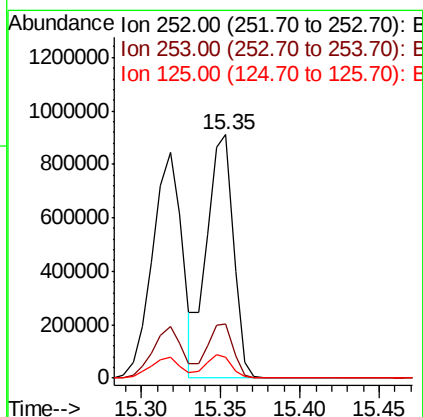
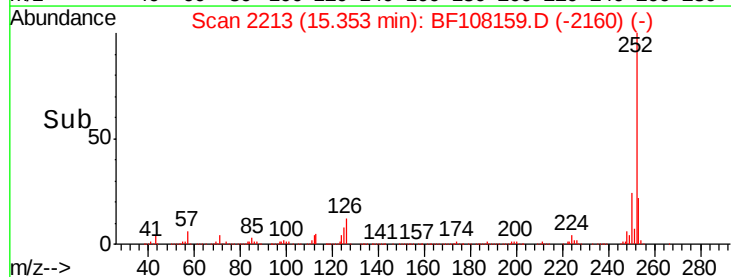
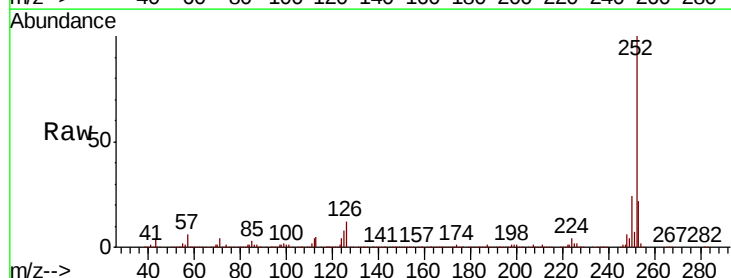
Instrument :
BNA_F
ClientSampleId :

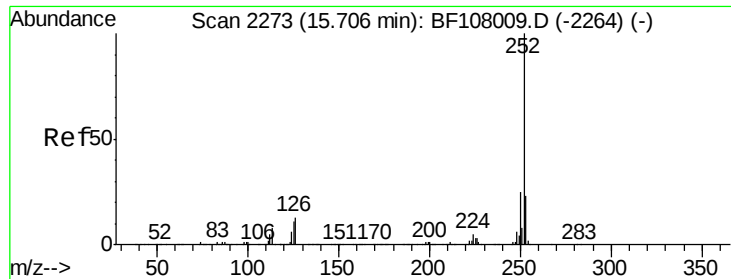
Tot Ion:252 Resp: 1098498
Ion Ratio Lower Upper
252 100
253 23.1 17.0 25.6
125 9.1 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 41.461 ng
RT: 15.35 min Scan# 2213
Delta R.T. 0.01 min
Lab File: BF108159.D
Acq: 15 Aug 2018 11:43

Tgt Ion:252 Resp: 1068715
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 8.5 10.2 15.2#

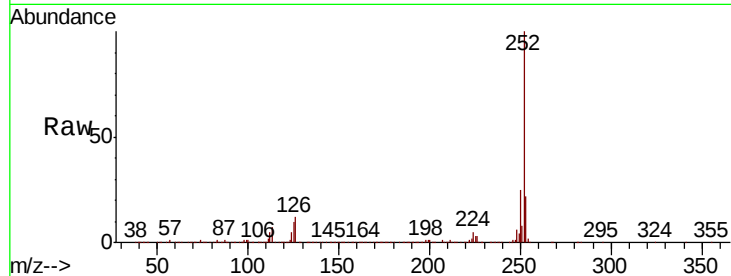




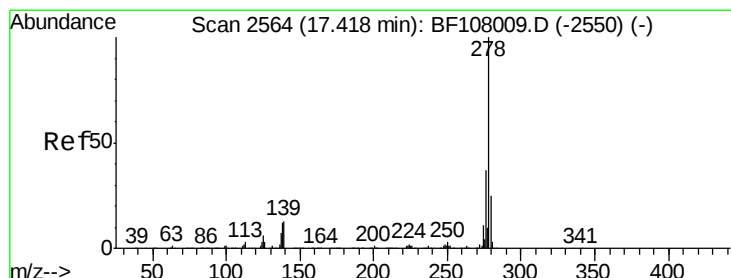
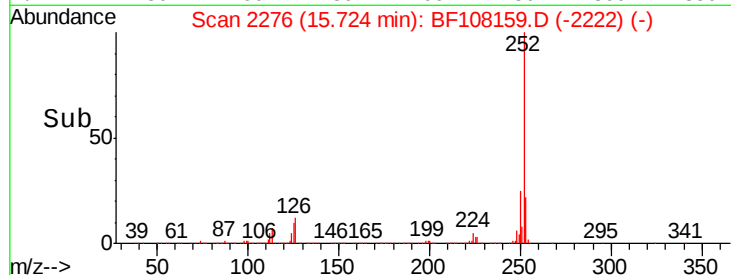
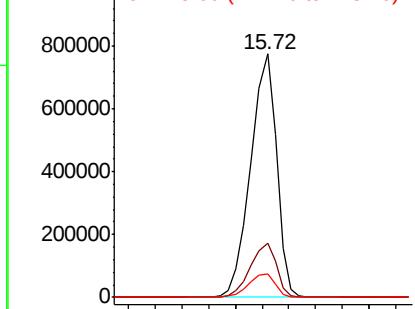
#89
Benzo(a)pyrene
Concen: 41.350 ng
RT: 15.72 min Scan# 2276
Delta R.T. 0.02 min
Lab File: BF108159.D
Acq: 15 Aug 2018 11:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1038306
Ion Ratio Lower Upper
252 100
253 22.3 17.1 25.7
125 9.6 9.8 14.6#

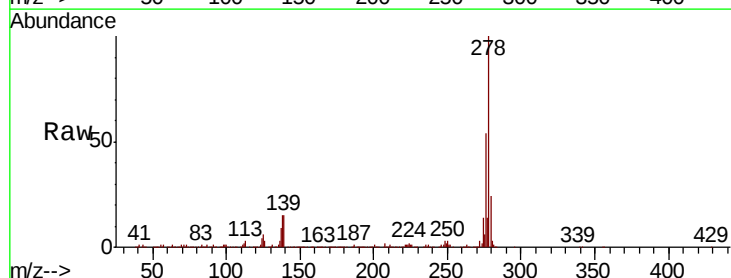


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

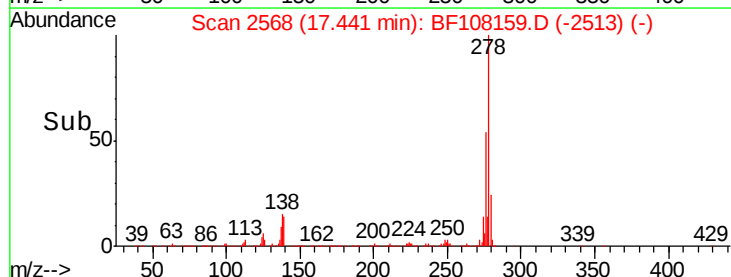
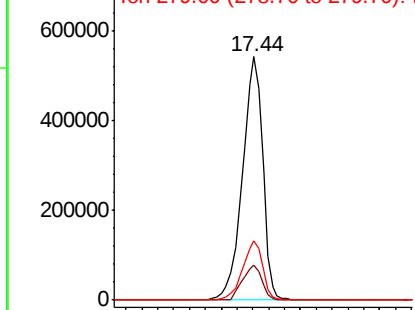


#90
Dibenzo(a,h)anthracene
Concen: 46.282 ng
RT: 17.44 min Scan# 2568
Delta R.T. 0.02 min
Lab File: BF108159.D
Acq: 15 Aug 2018 11:43

Tgt Ion:278 Resp: 961561
Ion Ratio Lower Upper
278 100
139 14.6 15.9 23.9#
279 24.2 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

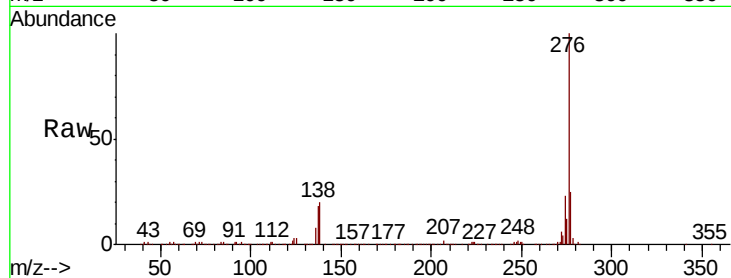




#91
 Benzo(a,h,i)perylene
 Concen: 48.434 ng
 RT: 17.92 min Scan# 2650
 Delta R.T. 0.03 min
 Lab File: BF108159.D
 Acq: 15 Aug 2018 11:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.5	17.9	26.9
138	19.6	21.8	32.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

