

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081318\
 Data File : BF108109.D
 Acq On : 13 Aug 2018 11:58
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 13 13:44:06 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	248930	20.00	ng	0.01
21) Naphthalene-d8	8.31	136	978780	20.00	ng	0.00
38) Acenaphthene-d10	10.08	164	509023	20.00	ng	0.01
63) Phenanthrene-d10	11.57	188	1033411	20.00	ng	0.01
75) Chrysene-d12	14.24	240	827637	20.00	ng	0.02
86) Perylene-d12	15.81	264	734401	20.00	ng	0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	1091746	79.40	ng	0.01
7) Phenol-d6	6.64	99	1473500	80.65	ng	0.01
23) Nitrobenzene-d5	7.59	82	1392972	79.42	ng	0.01
41) 2,4,6-Tribromophenol	10.87	330	430742	84.84	ng	0.01
44) 2-Fluorobiphenyl	9.38	172	2514925	79.32	ng	0.00
78) Terphenyl-d14	13.16	244	2633431	80.90	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.90	88	263852	37.346	ng	89
3) Pyridine	3.68	79	700471	38.489	ng	# 83
4) n-Nitrosodimethylamine	3.64	42	377802	36.892	ng	81
6) Aniline	6.69	93	1014062	40.802	ng	97
8) 2-Chlorophenol	6.81	128	630542	40.718	ng	94
9) Benzaldehyde	6.58	77	561292	39.622	ng	96
10) Phenol	6.65	94	754348	39.913	ng	91
11) bis(2-Chloroethyl)ether	6.75	93	621600	40.682	ng	91
12) 1,3-Dichlorobenzene	6.97	146	720897	40.261	ng	99
13) 1,4-Dichlorobenzene	7.04	146	727360	40.431	ng	97
14) 1,2-Dichlorobenzene	7.20	146	677380	40.480	ng	98
15) Benzyl Alcohol	7.16	79	623380	40.527	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.29	45	1244283	39.530	ng	97
17) 2-Methylphenol	7.26	107	537423	40.469	ng	94
18) Hexachloroethane	7.54	117	262328	40.958	ng	94
19) n-Nitroso-di-n-propylamine	7.43	70	490702	39.715	ng	90
20) 3+4-Methylphenols	7.41	107	690133	40.553	ng	96
22) Acetophenone	7.43	105	913158	39.900	ng	# 92
24) Nitrobenzene	7.61	77	708421	39.940	ng	97
25) Isophorone	7.84	82	1325972	39.661	ng	98
26) 2-Nitrophenol	7.92	139	265394	39.621	ng	92
27) 2,4-Dimethylphenol	7.95	122	592836	39.953	ng	98
28) bis(2-Chloroethoxy)methane	8.04	93	796898	40.830	ng	99
29) 2,4-Dichlorophenol	8.16	162	562284	41.177	ng	97
30) 1,2,4-Trichlorobenzene	8.25	180	604393	40.145	ng	95
31) Naphthalene	8.33	128	1786062	40.125	ng	97
32) Benzoic acid	8.05	122	260128	32.424	ng	92
33) 4-Chloroaniline	8.37	127	798604	41.168	ng	97
34) Hexachlorobutadiene	8.44	225	385720	40.471	ng	99
35) Caprolactam	8.75	113	179792	42.015	ng	# 77
36) 4-Chloro-3-methylphenol	8.85	107	598685	40.641	ng	98
37) 2-Methylnaphthalene	9.02	142	1259892	40.005	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.19	216	649448	41.547	ng	98
40) Hexachlorocyclopentadiene	9.17	237	412978	40.903	ng	97

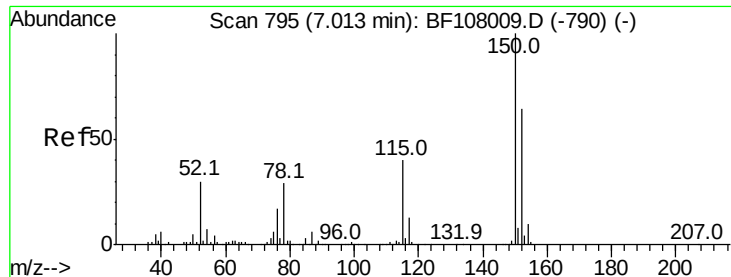
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081318\
 Data File : BF108109.D
 Acq On : 13 Aug 2018 11:58
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 13 13:44:06 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)
42) 2,4,6-Trichlorophenol	9.30	196	410267	42.295	ng	99
43) 2,4,5-Trichlorophenol	9.30	196	410267	38.421	ng	95
45) 1,1'-Biphenyl	9.49	154	1509373	40.218	ng	98
46) 2-Chloronaphthalene	9.52	162	1201497	40.506	ng	98
47) 2-Nitroaniline	9.61	65	404230	42.118	ng	84
48) Acenaphthylene	9.94	152	1913613	40.807	ng	97
49) Dimethylphthalate	9.78	163	1453797	41.001	ng	# 98
50) 2,6-Dinitrotoluene	9.85	165	316557	42.672	ng	98
51) Acenaphthene	10.11	154	1183088	41.190	ng	98
52) 3-Nitroaniline	10.02	138	348443	42.929	ng	94
53) 2,4-Dinitrophenol	10.13	184	102111	40.573	ng	# 20
54) Dibenzofuran	10.28	168	1683947	40.467	ng	96
55) 4-Nitrophenol	10.17	139	248008	40.350	ng	84
56) 2,4-Dinitrotoluene	10.26	165	414163	43.373	ng	# 93
57) Fluorene	10.63	166	1348480	40.936	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.40	232	367336	41.158	ng	# 87
59) Diethylphthalate	10.48	149	1403446	40.875	ng	95
60) 4-Chlorophenyl-phenylether	10.61	204	703266	40.972	ng	92
61) 4-Nitroaniline	10.64	138	351911	43.853	ng	90
62) Azobenzene	10.78	77	1420704	40.067	ng	91
64) 4,6-Dinitro-2-methylphenol	10.67	198	149388	39.564	ng	92
65) n-Nitrosodiphenylamine	10.73	169	1244142	40.740	ng	97
66) 4-Bromophenyl-phenylether	11.11	248	459517	40.917	ng	# 89
67) Hexachlorobenzene	11.18	284	475630	40.252	ng	90
68) Atrazine	11.26	200	437574	42.721	ng	95
69) Pentachlorophenol	11.37	266	211466	37.390	ng	98
70) Phenanthrene	11.60	178	1952984	40.068	ng	97
71) Anthracene	11.65	178	2011790	40.270	ng	97
72) Carbazole	11.80	167	1818523	40.971	ng	97
73) Di-n-butylphthalate	12.12	149	2107688	41.923	ng	# 97
74) Fluoranthene	12.80	202	2162428	40.650	ng	96
76) Benzidine	12.91	184	1391522	45.000	ng	99
77) Pyrene	13.03	202	2158767	41.199	ng	96
79) Butylbenzylphthalate	13.63	149	944814	45.410	ng	# 97
80) Benzo(a)anthracene	14.22	228	1949266	41.039	ng	97
81) 3,3'-Dichlorobenzidine	14.18	252	740927	43.528	ng	97
82) Chrysene	14.27	228	1752770	40.251	ng	97
83) Bis(2-ethylhexyl)phthalate	14.18	149	1185088	42.061	ng	98
84) Di-n-octyl phthalate	14.81	149	1949616	45.371	ng	# 93
85) Indeno(1,2,3-cd)pyrene	17.45	276	1482584	39.294	ng	# 91
87) Benzo(b)fluoranthene	15.37	252	1619098	36.895	ng	96
88) Benzo(k)fluoranthene	15.37	252	1619098	40.137	ng	# 96
89) Benzo(a)pyrene	15.74	252	1587219	40.391	ng	96
90) Dibenzo(a,h)anthracene	17.47	278	1255964	38.628	ng	# 94
91) Benzo(g,h,i)perylene	17.95	276	1188988	37.137	ng	# 90

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

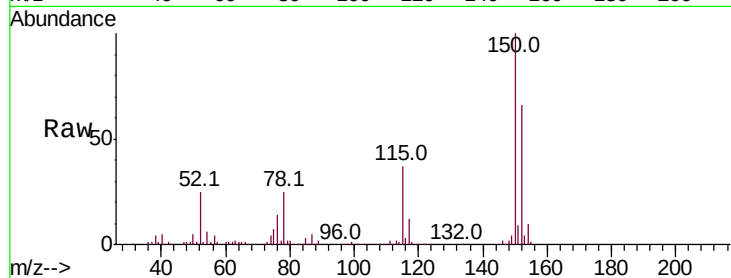


#1

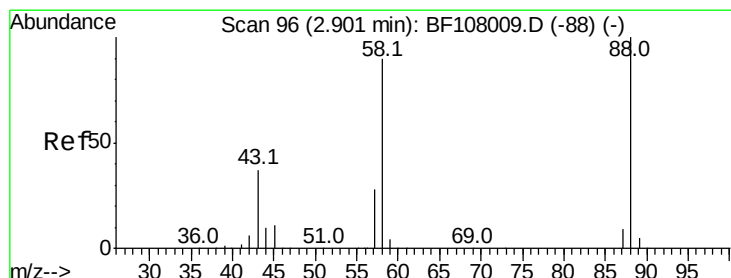
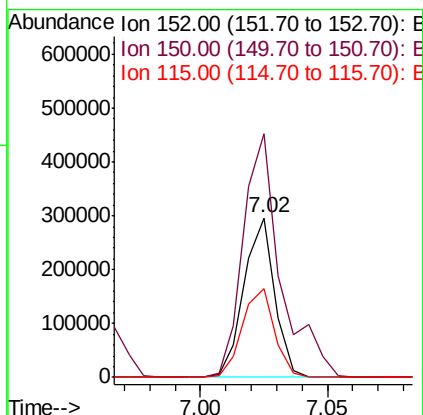
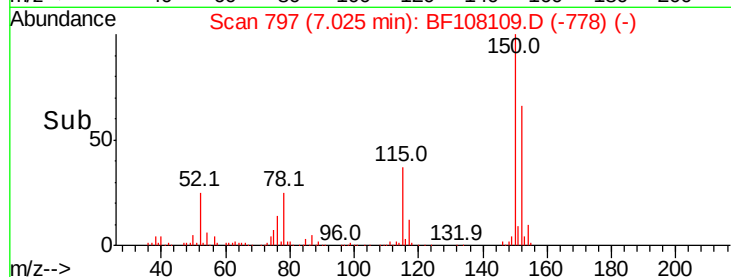
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 797
Delta R.T. 0.01 min
Lab File: BF108109.D
Acq: 13 Aug 2018 11:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 248930
Ion Ratio Lower Upper
152 100
150 152.6 124.6 186.8
115 56.0 50.1 75.1



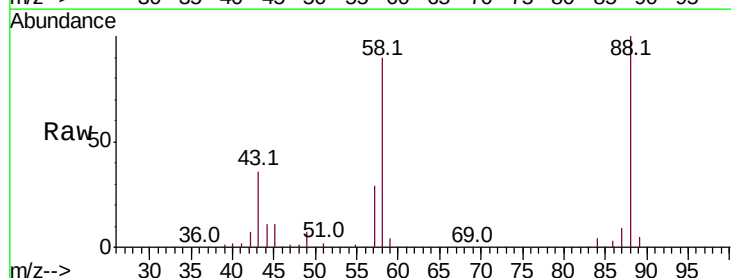
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



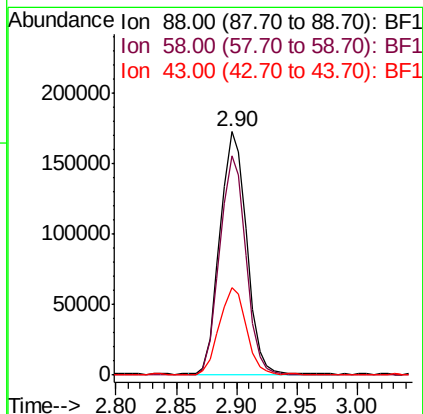
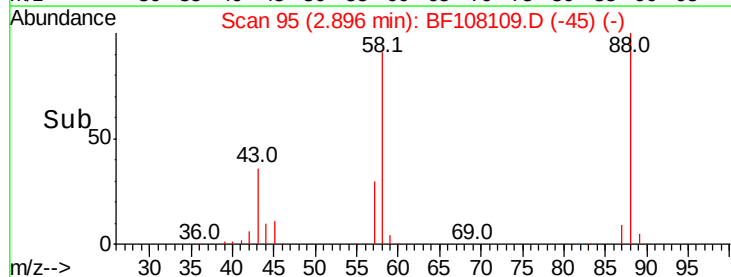
#2

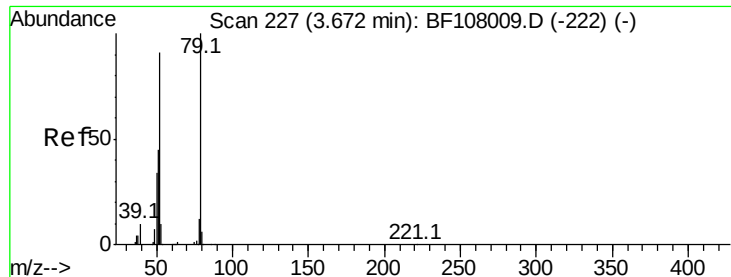
1,4-Dioxane
Concen: 37.346 ng
RT: 2.90 min Scan# 95
Delta R.T. -0.01 min
Lab File: BF108109.D
Acq: 13 Aug 2018 11:58

Tgt Ion: 88 Resp: 263852
Ion Ratio Lower Upper
88 100
58 88.2 62.6 93.8
43 35.9 24.6 37.0



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





#3

Pvridine

Concen: 38.489 ng

RT: 3.68 min Scan# 228

Delta R.T. 0.01 min

Lab File: BF108109.D

Acq: 13 Aug 2018 11:58

Instrument :

BNA_F

ClientSampleId :

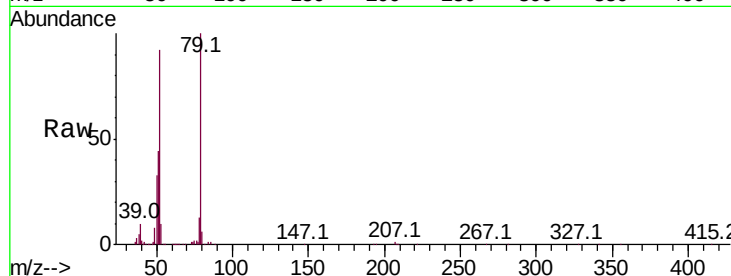
Tot Ion: 79 Resp: 700471

Ion Ratio Lower Upper

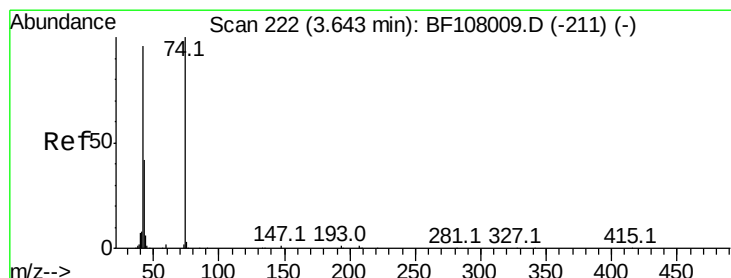
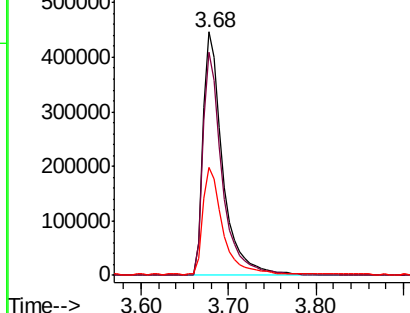
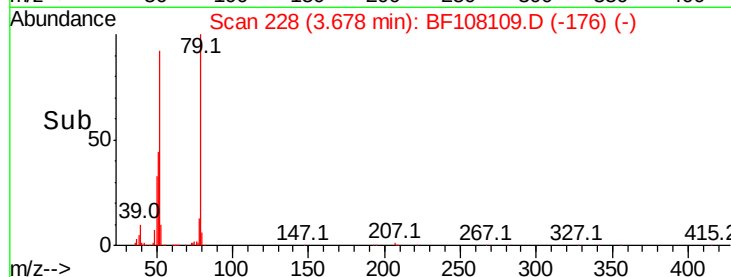
79 100

52 91.8 59.8 89.6#

51 44.4 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: 36.892 ng

RT: 3.64 min Scan# 222

Delta R.T. 0.00 min

Lab File: BF108109.D

Acq: 13 Aug 2018 11:58

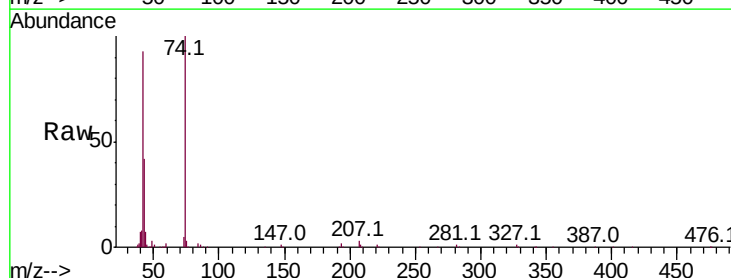
Tgt Ion: 42 Resp: 377802

Ion Ratio Lower Upper

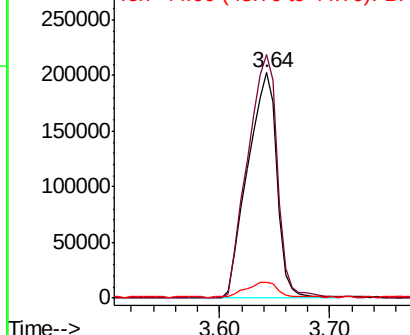
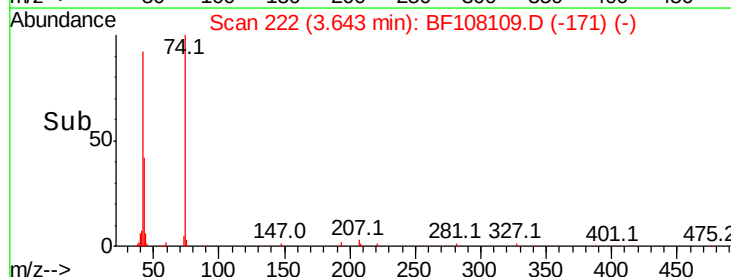
42 100

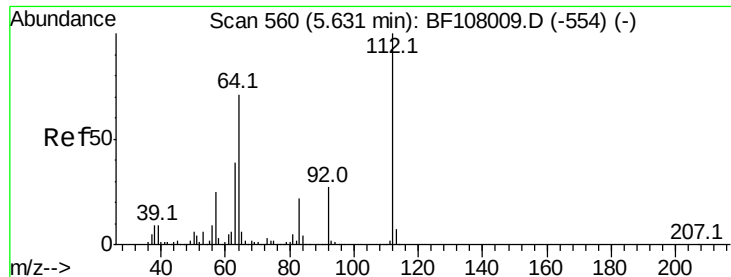
74 108.0 104.9 157.3

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

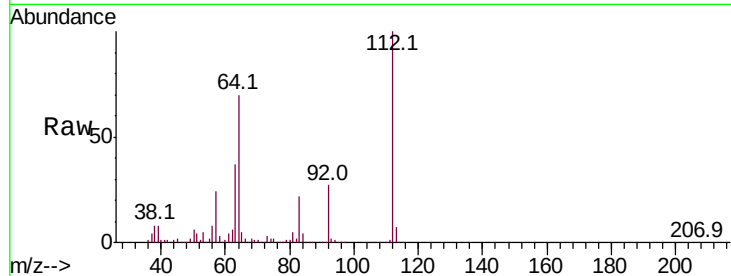




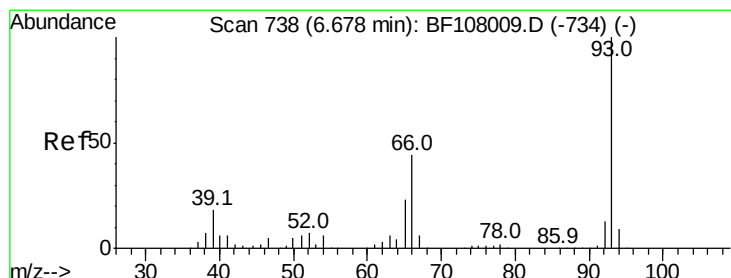
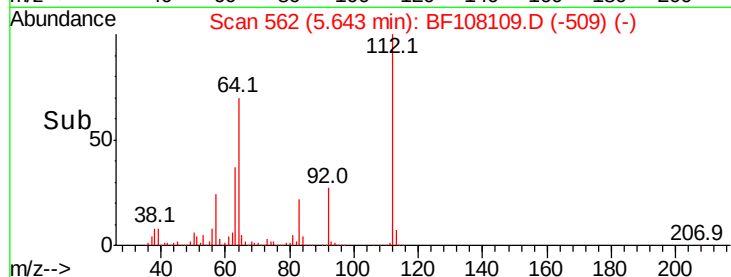
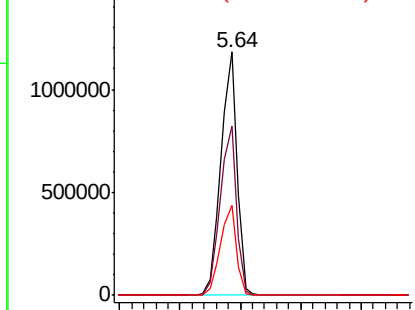
#5
2-Fluorophenol
Concen: 79.402 ng
RT: 5.64 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF108109.D
Acq: 13 Aug 2018 11:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:112 Resp: 1091746
Ion Ratio Lower Upper
112 100
64 69.8 47.9 71.9
63 37.1 23.7 35.5#

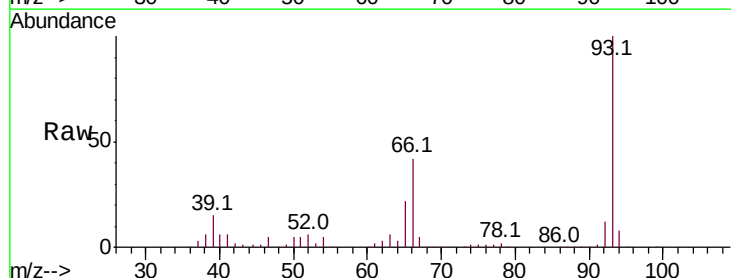


Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

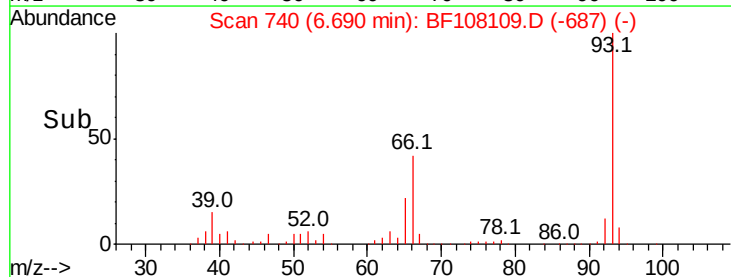
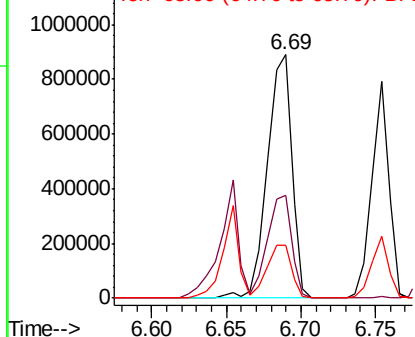


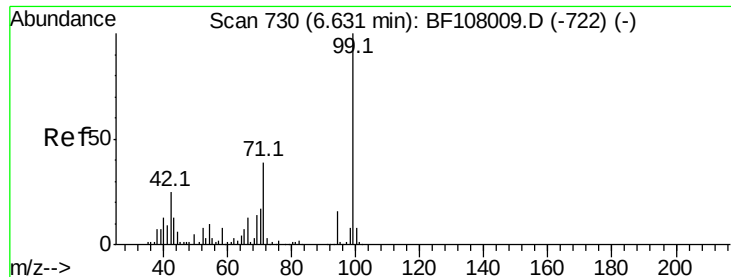
#6
Aniline
Concen: 40.802 ng
RT: 6.69 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF108109.D
Acq: 13 Aug 2018 11:58

Tgt Ion: 93 Resp: 1014062
Ion Ratio Lower Upper
93 100
66 42.0 32.2 48.2
65 21.9 16.4 24.6



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





#7

Phenol-d6

Concen: 80.645 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF108109.D

Acq: 13 Aug 2018 11:58

Instrument :

BNA_F

ClientSampleId :

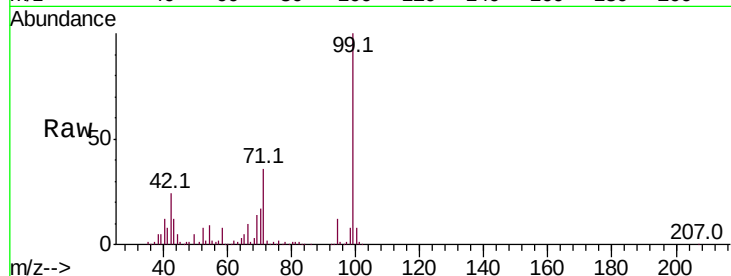
Tot Ion: 99 Resp: 1473500

Ion Ratio Lower Upper

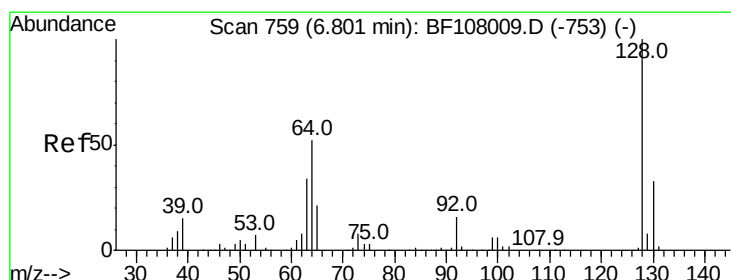
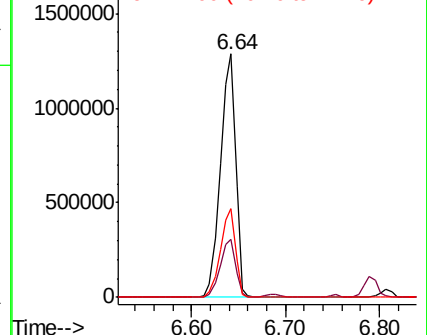
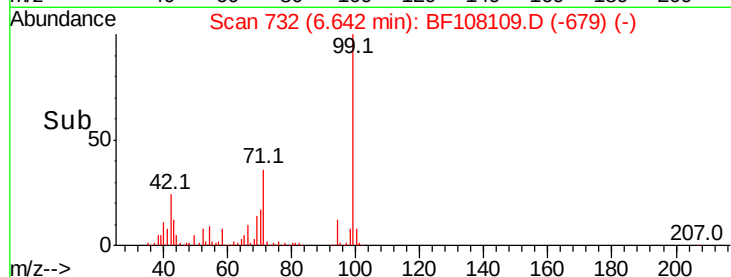
99 100

42 23.7 14.5 21.7#

71 36.3 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: 40.718 ng

RT: 6.81 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF108109.D

Acq: 13 Aug 2018 11:58

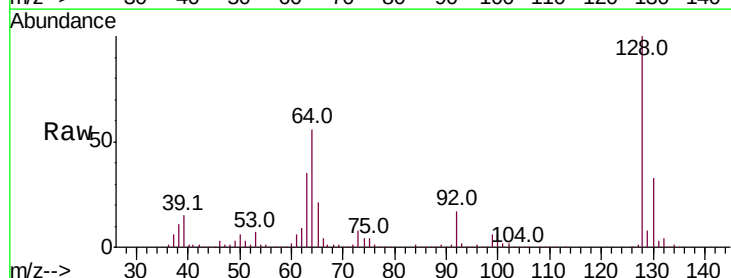
Tgt Ion:128 Resp: 630542

Ion Ratio Lower Upper

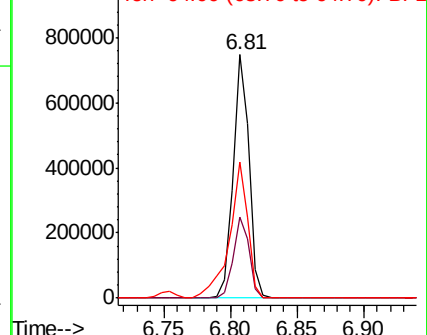
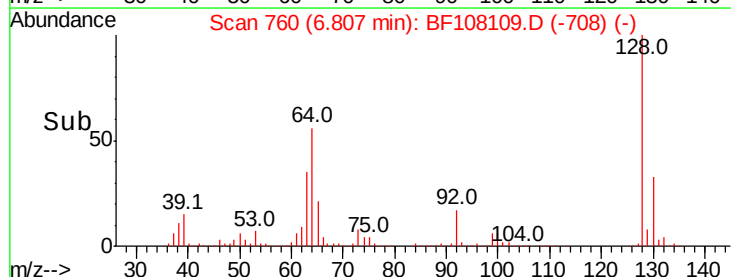
128 100

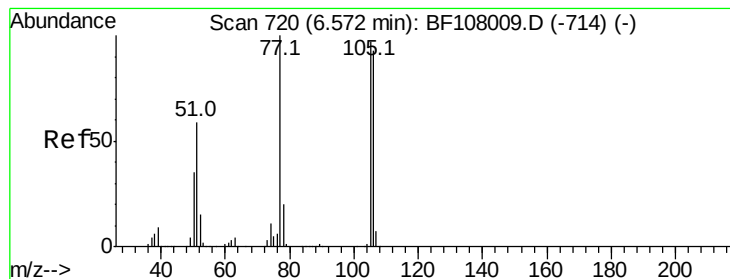
130 33.1 13.0 53.0

64 56.1 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: 39.622 ng

RT: 6.58 min Scan# 721

Delta R.T. 0.01 min

Lab File: BF108109.D

Acq: 13 Aug 2018 11:58

Instrument :

BNA_F

ClientSampleId :

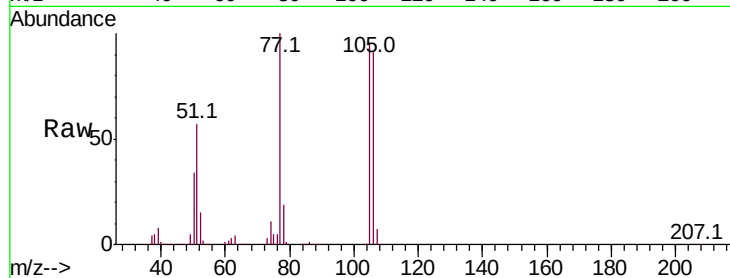
Tot Ion: 77 Resp: 561292

Ion Ratio Lower Upper

77 100

105 96.2 81.1 121.1

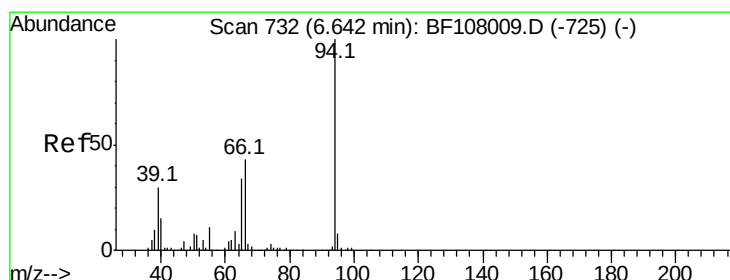
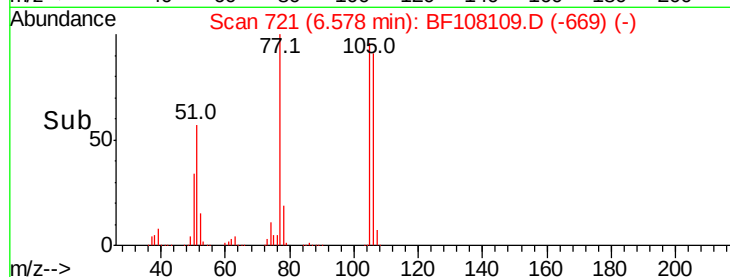
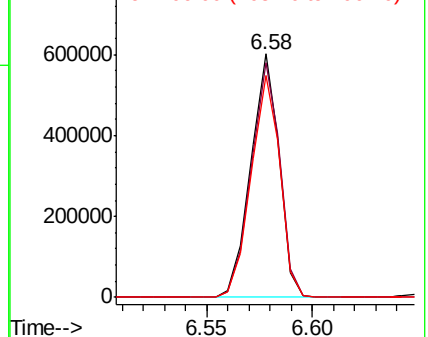
106 91.1 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.913 ng

RT: 6.65 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF108109.D

Acq: 13 Aug 2018 11:58

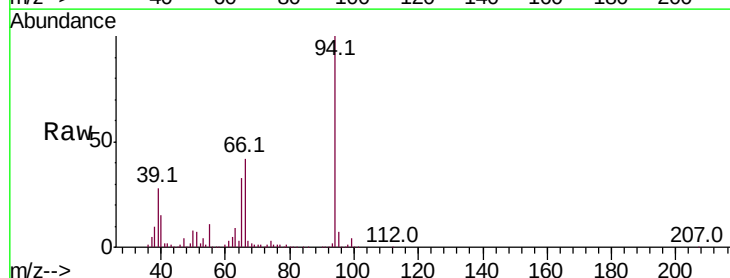
Tgt Ion: 94 Resp: 754348

Ion Ratio Lower Upper

94 100

65 32.6 7.9 47.9

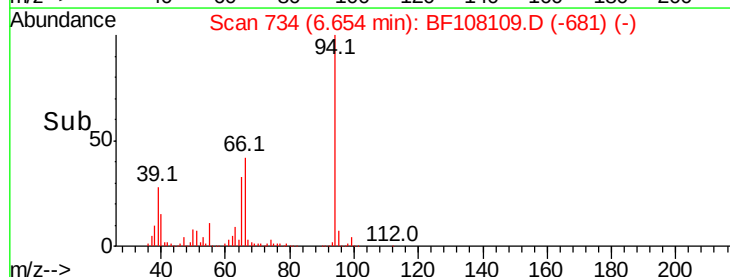
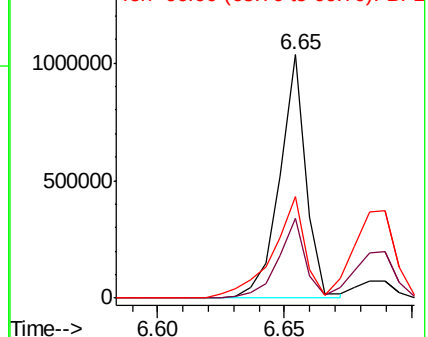
66 41.7 16.2 56.2

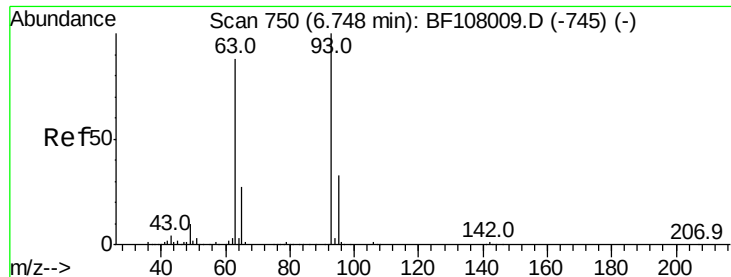


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

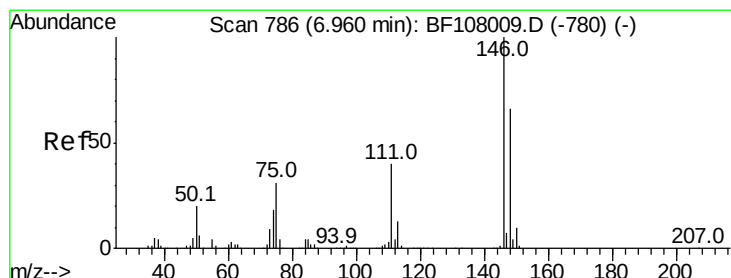
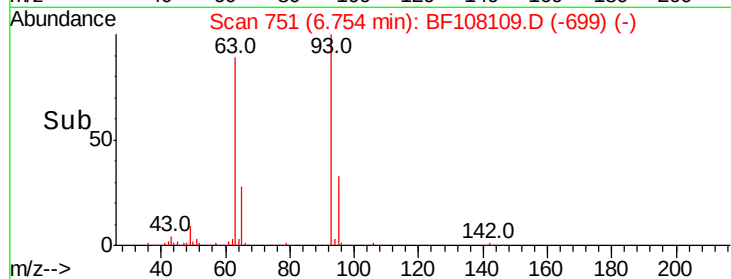
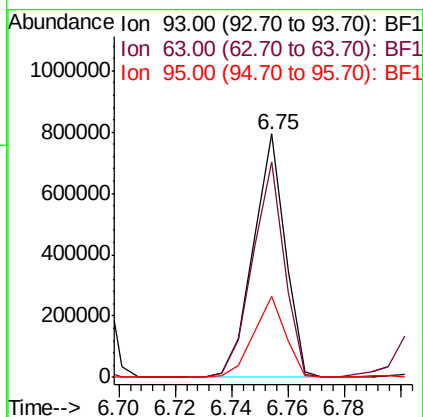
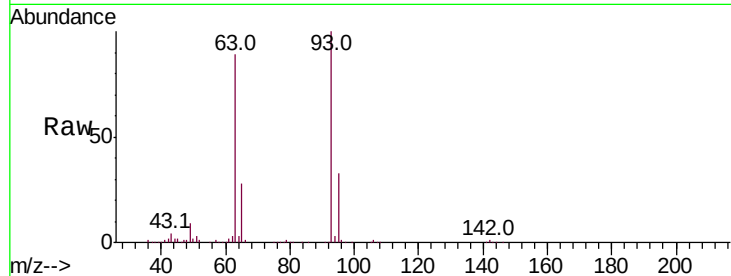




#11
bis(2-Chloroethyl)ether
Concen: 40.682 ng
RT: 6.75 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF108109.D
Acq: 13 Aug 2018 11:58

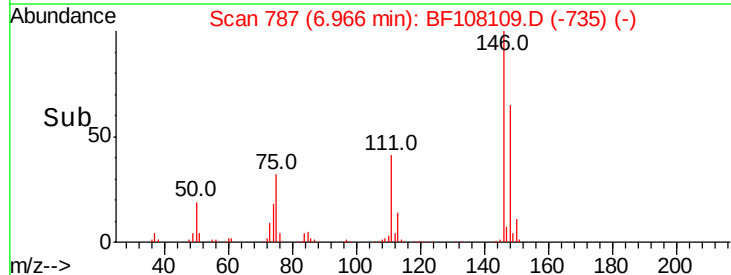
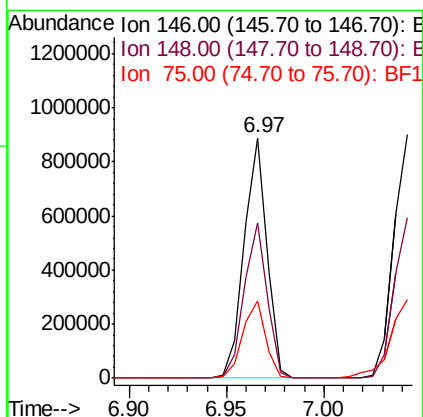
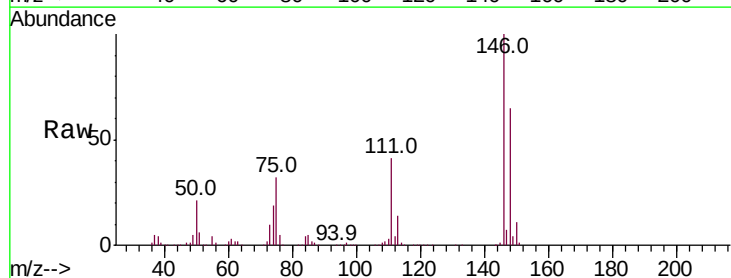
Instrument :
BNA_F
ClientSampleId :

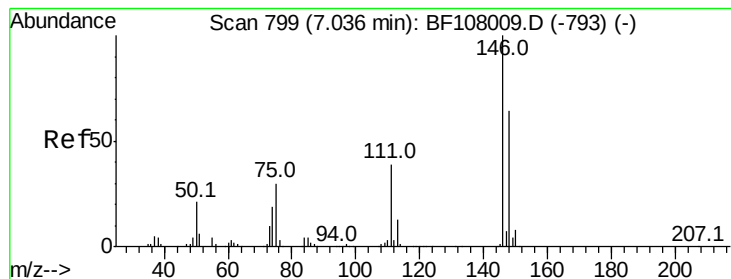
Tot Ion	Ratio	Lower	Upper
93	100		
63	88.6	58.6	98.6
95	33.4	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 40.261 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.01 min
Lab File: BF108109.D
Acq: 13 Aug 2018 11:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.8	77.8
75	32.5	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 40.431 ng

RT: 7.04 min Scan# 800

Delta R.T. 0.01 min

Lab File: BF108109.D

Acq: 13 Aug 2018 11:58

Instrument :

BNA_F

ClientSampled :

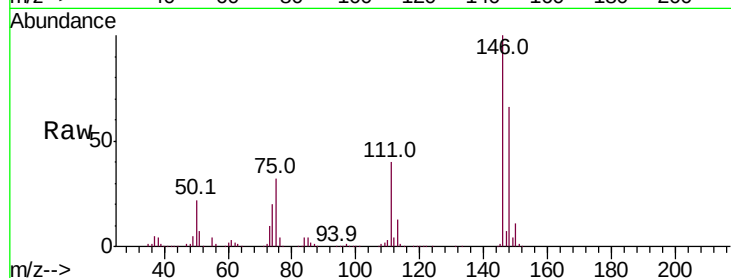
Tot Ion:146 Resp: 727360

Ion Ratio Lower Upper

146 100

148 65.7 50.8 76.2

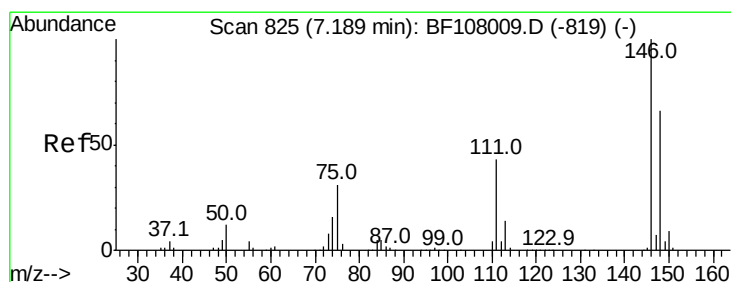
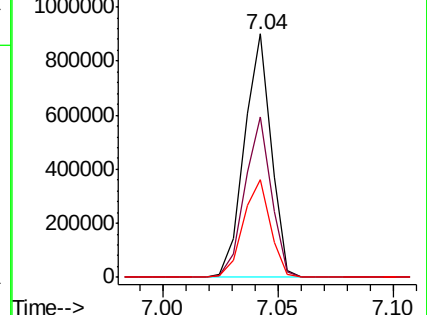
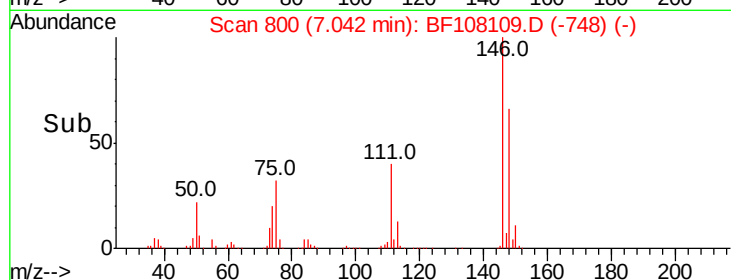
111 40.1 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.480 ng

RT: 7.20 min Scan# 826

Delta R.T. 0.01 min

Lab File: BF108109.D

Acq: 13 Aug 2018 11:58

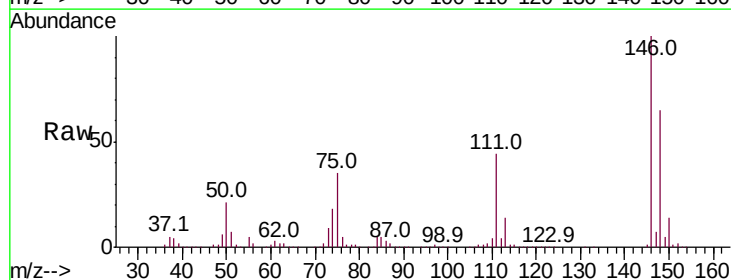
Tgt Ion:146 Resp: 677380

Ion Ratio Lower Upper

146 100

148 64.6 50.6 75.8

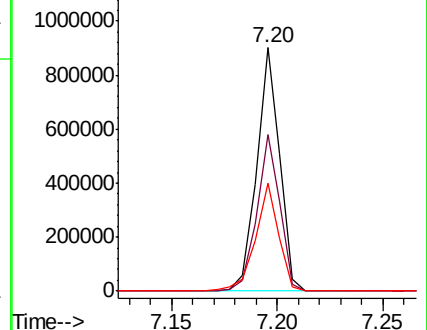
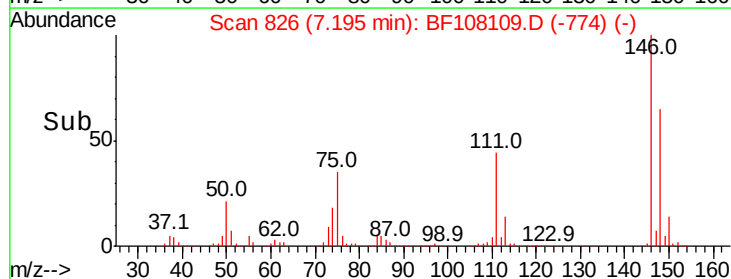
111 44.1 36.0 54.0

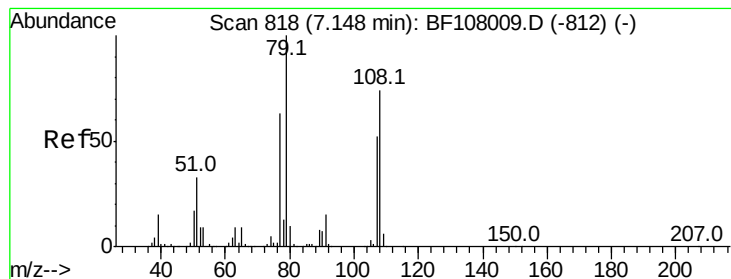


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.527 ng

RT: 7.16 min Scan# 820

Delta R.T. 0.01 min

Lab File: BF108109.D

Acq: 13 Aug 2018 11:58

Instrument :

BNA_F

ClientSampleId :

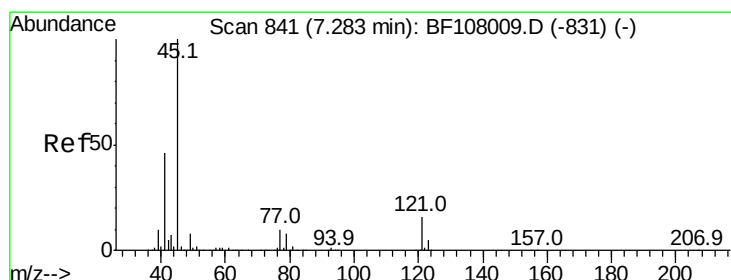
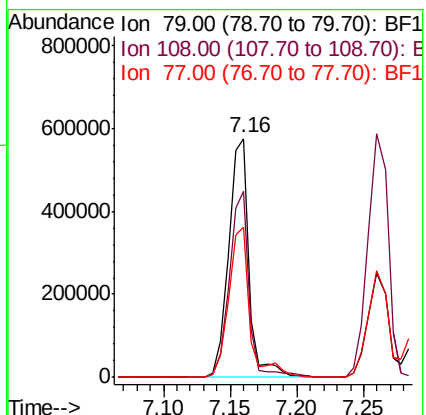
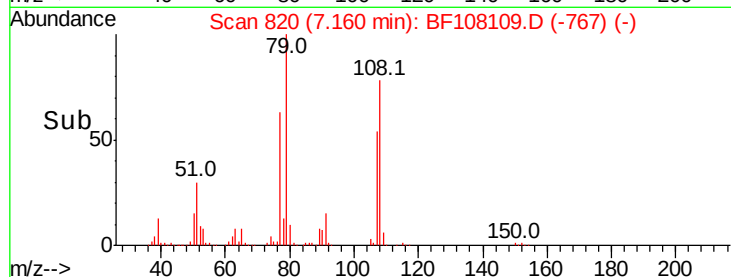
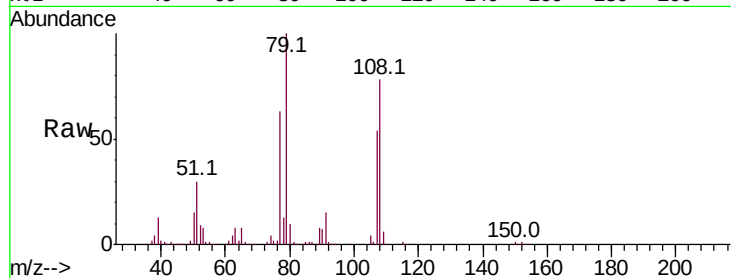
Tot Ion: 79 Resp: 623380

Ion Ratio Lower Upper

79 100

108 77.8 65.1 97.7

77 62.9 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.530 ng

RT: 7.29 min Scan# 842

Delta R.T. 0.01 min

Lab File: BF108109.D

Acq: 13 Aug 2018 11:58

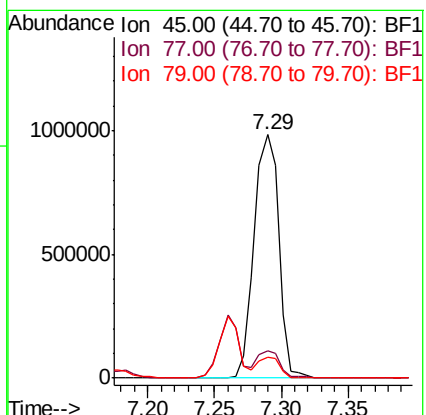
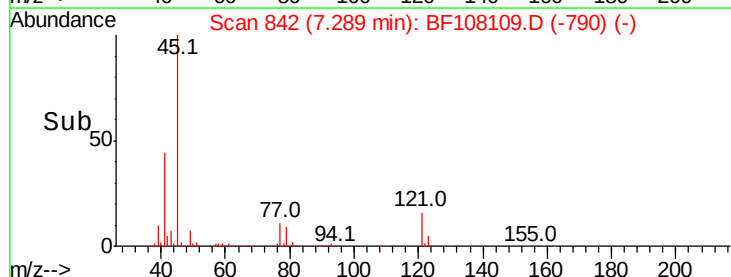
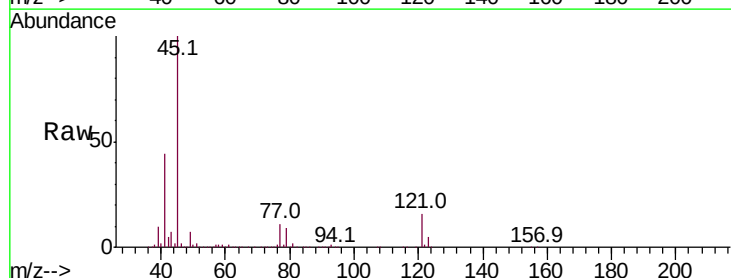
Tgt Ion: 45 Resp: 1244283

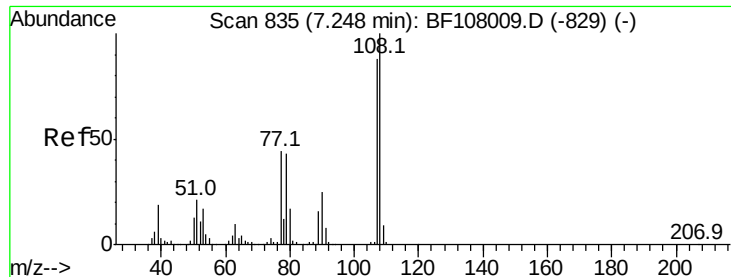
Ion Ratio Lower Upper

45 100

77 11.2 0.0 32.9

79 8.8 0.0 29.6

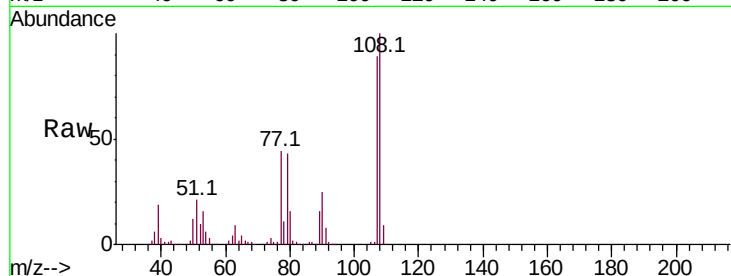




#17
2-Methylphenol
Concen: 40.469 ng
RT: 7.26 min Scan# 837
Delta R.T. 0.01 min
Lab File: BF108109.D
Acq: 13 Aug 2018 11:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.4	91.7	137.5
77	49.3	33.8	50.8
79	48.3	33.8	50.8



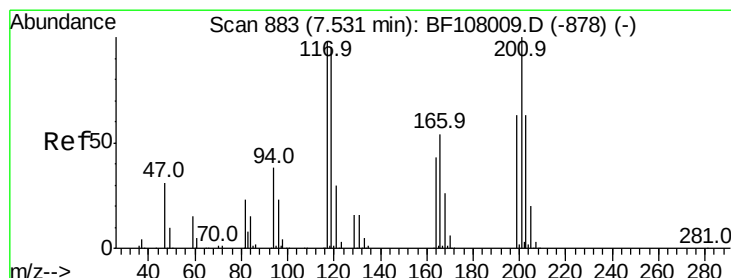
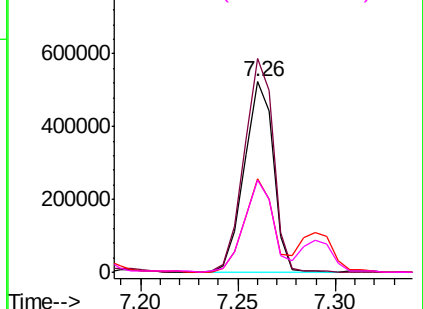
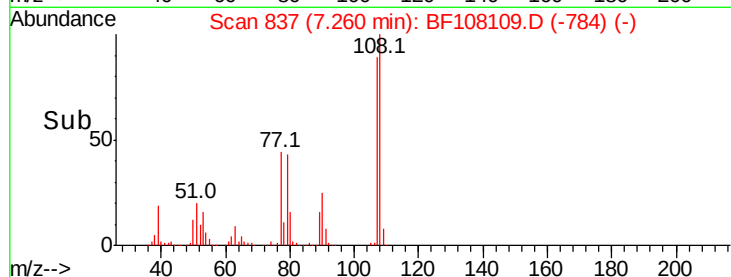
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

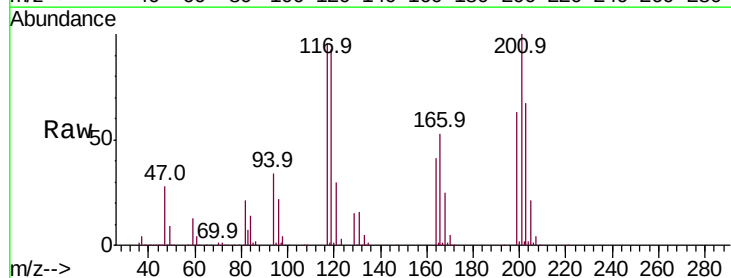
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 40.958 ng
RT: 7.54 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF108109.D
Acq: 13 Aug 2018 11:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	75.8	113.8
201	103.9	75.7	113.5

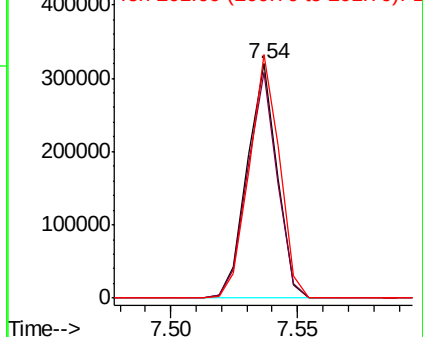
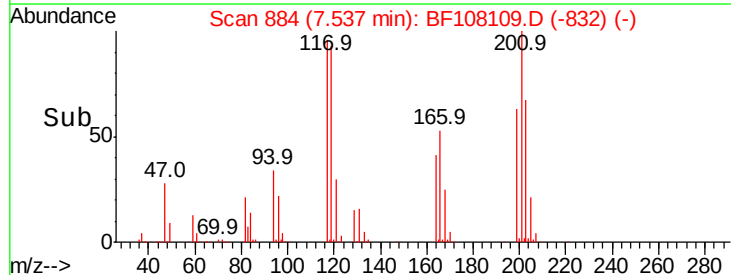


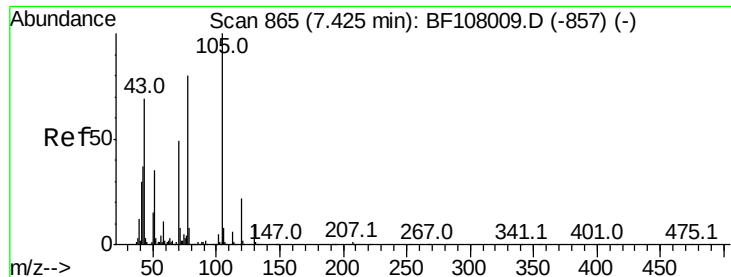
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

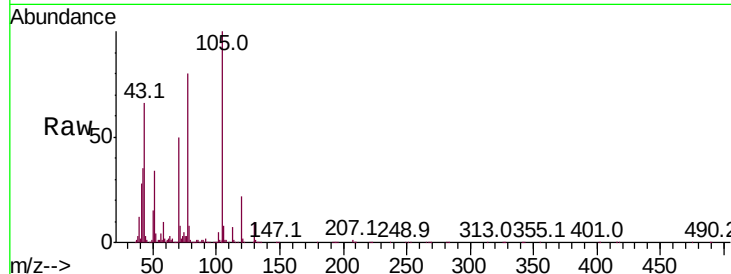




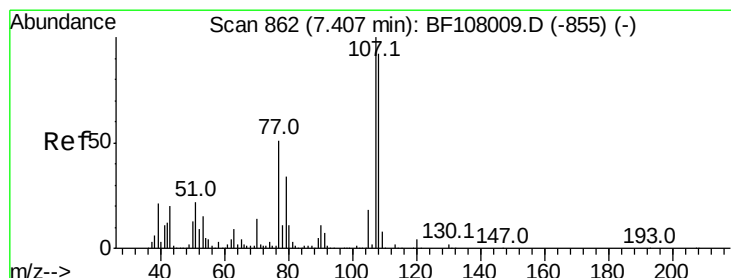
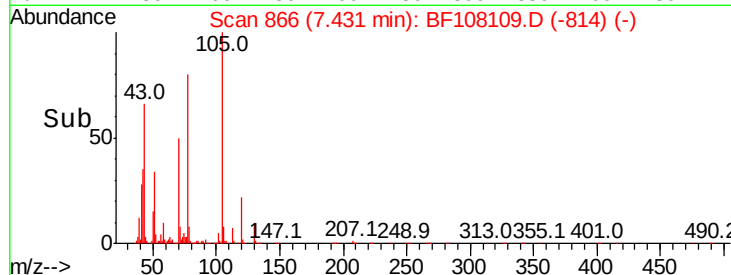
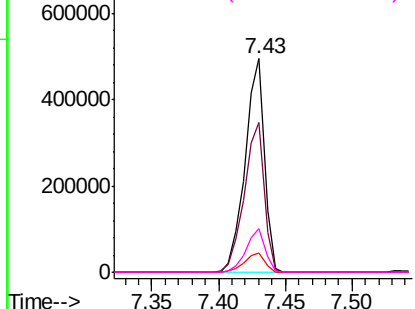
#19
n-Nitroso-di-n-propylamine
Concen: 39.715 ng
RT: 7.43 min Scan# 866
Delta R.T. 0.01 min
Lab File: BF108109.D
Acq: 13 Aug 2018 11:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	490702
Ion	Ratio	Lower	Upper
70	100		
42	70.2	47.5	71.3
101	9.2	7.4	11.2
130	20.6	16.6	25.0

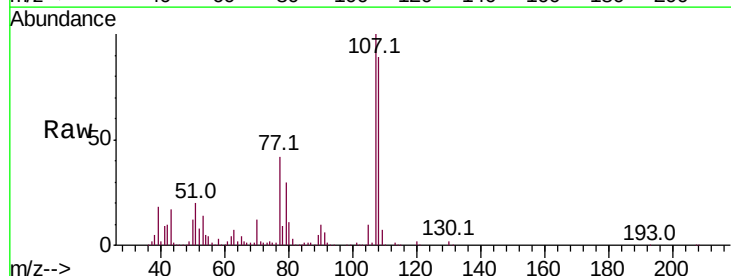


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

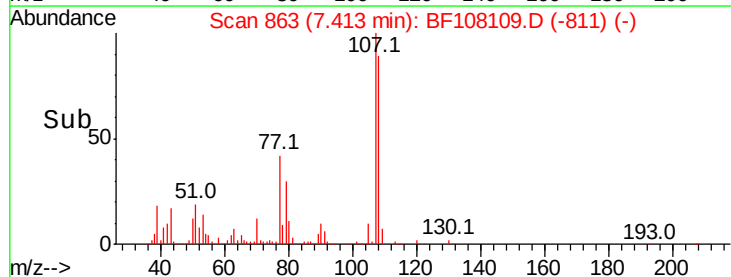
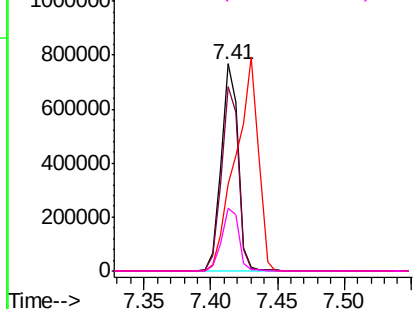


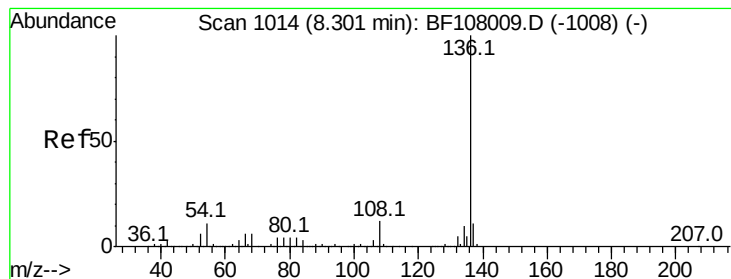
#20
3+4-Methylphenols
Concen: 40.553 ng
RT: 7.41 min Scan# 863
Delta R.T. 0.01 min
Lab File: BF108109.D
Acq: 13 Aug 2018 11:58

Tgt Ion:	107	Resp:	690133
Ion	Ratio	Lower	Upper
107	100		
108	89.0	68.2	108.2
77	41.9	26.7	66.7
79	30.1	6.3	46.3



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

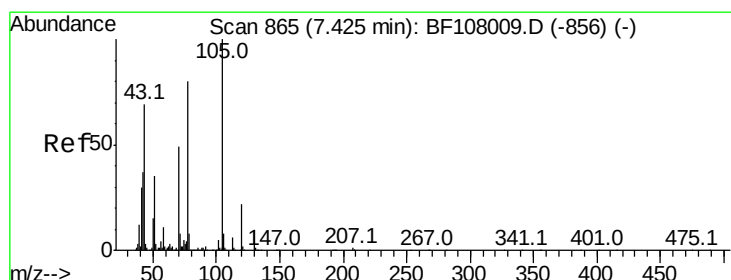
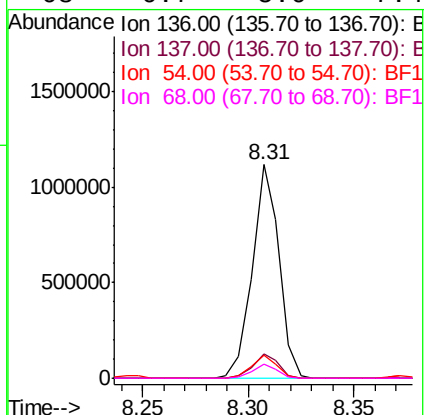
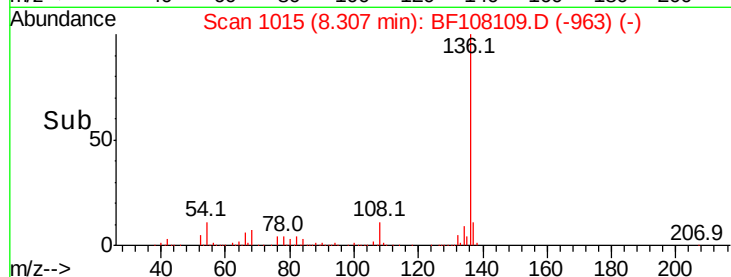
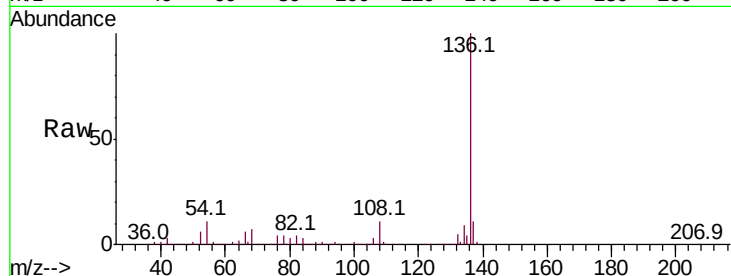




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.31 min Scan# 1015
Delta R.T. 0.01 min
Lab File: BF108109.D
Acq: 13 Aug 2018 11:58

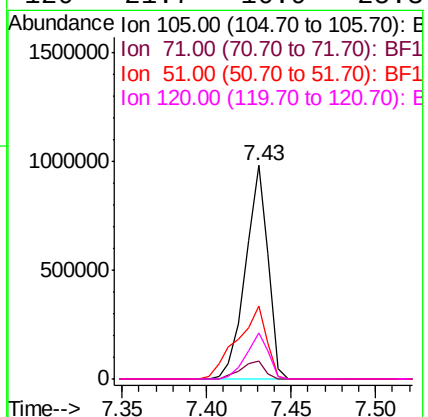
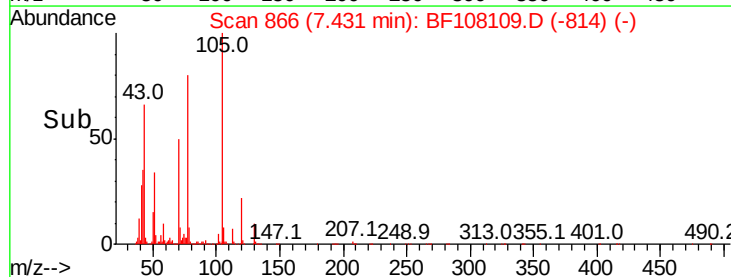
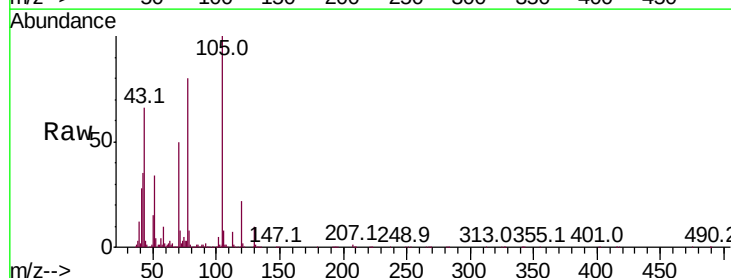
Instrument :
BNA_F
ClientSampleId :

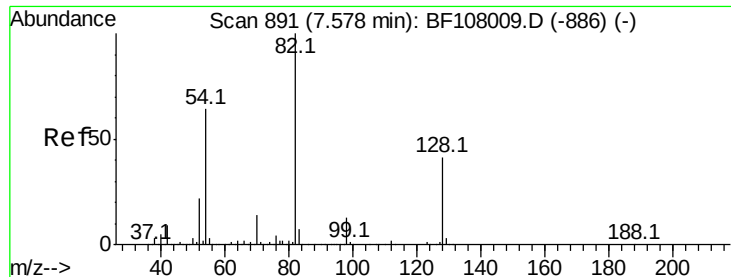
Tot Ion:136	Resp:	978780
Ion Ratio	Lower	Upper
136 100		
137 11.4	8.9	13.3
54 10.7	6.6	9.8#
68 6.7	5.0	7.4



#22
Acetophenone
Concen: 39.900 ng
RT: 7.43 min Scan# 866
Delta R.T. 0.01 min
Lab File: BF108109.D
Acq: 13 Aug 2018 11:58

Tgt	Ion:105	Resp:	913158
Ion	Ratio	Lower	Upper
105	100		
71	8.3	4.4	6.6#
51	34.2	22.3	33.5#
120	21.7	16.9	25.3

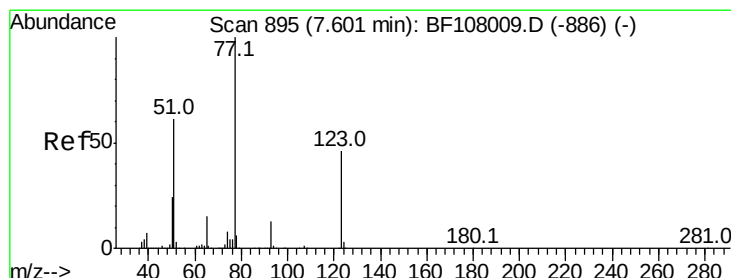
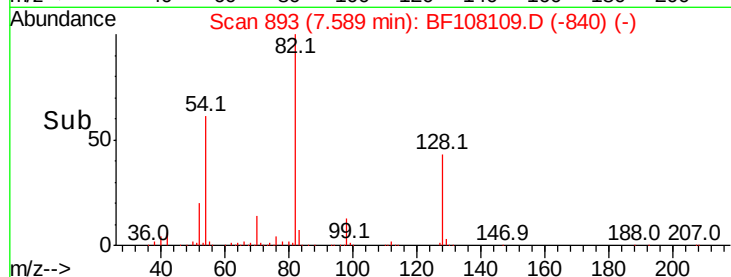
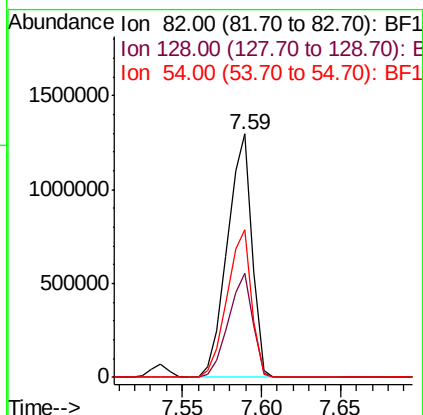
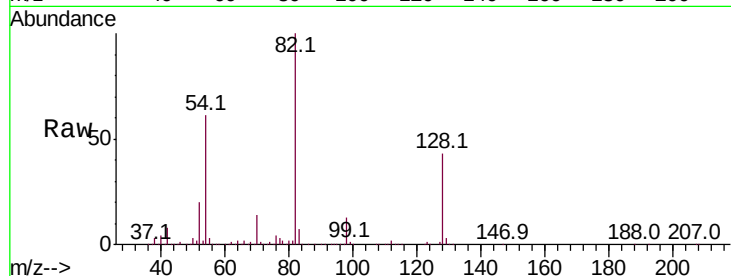




#23
 Nitrobenzene-d5
 Concen: 79.415 ng
 RT: 7.59 min Scan# 893
 Delta R.T. 0.01 min
 Lab File: BF108109.D
 Acq: 13 Aug 2018 11:58

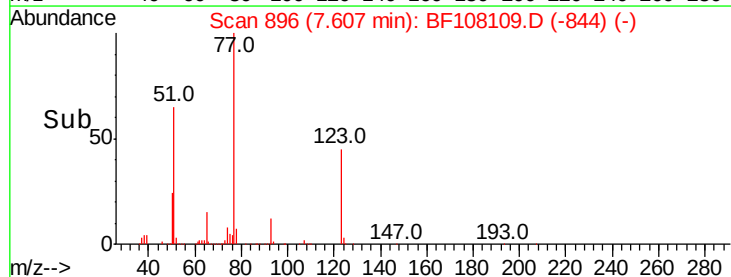
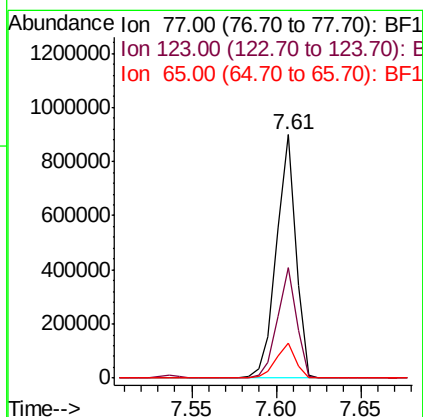
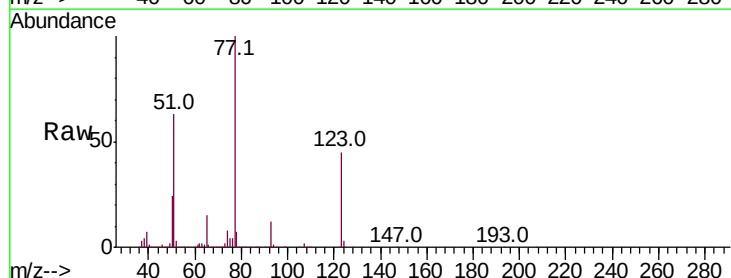
Instrument :
 BNA_F
 ClientSampleId :

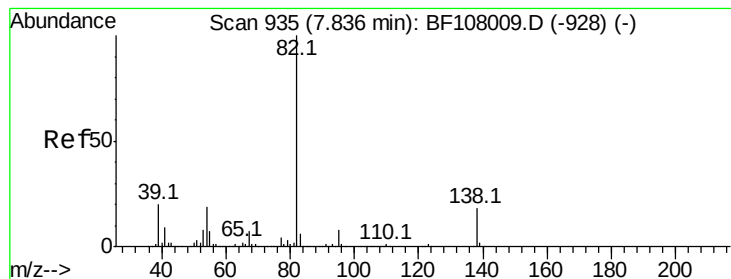
Tot Ion: 82 Resp: 1392972
 Ion Ratio Lower Upper
 82 100
 128 42.6 36.1 54.1
 54 60.6 41.4 62.2



#24
 Nitrobenzene
 Concen: 39.940 ng
 RT: 7.61 min Scan# 896
 Delta R.T. 0.01 min
 Lab File: BF108109.D
 Acq: 13 Aug 2018 11:58

Tgt Ion: 77 Resp: 708421
 Ion Ratio Lower Upper
 77 100
 123 45.2 37.9 56.9
 65 14.5 11.0 16.4





#25

Isophorone

Concen: 39.661 ng

RT: 7.84 min Scan# 936

Delta R.T. 0.01 min

Lab File: BF108109.D

Acq: 13 Aug 2018 11:58

Instrument :

BNA_F

ClientSampleId :

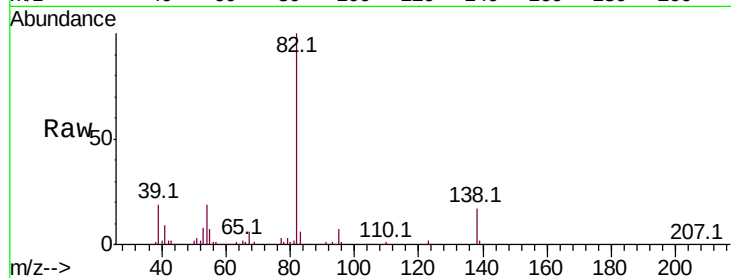
Tot Ion: 82 Resp: 1325972

Ion Ratio Lower Upper

82 100

95 7.2 5.2 7.8

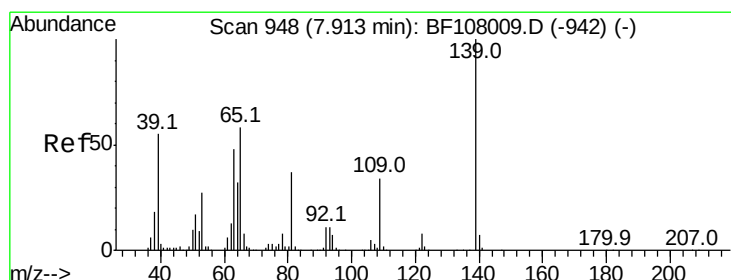
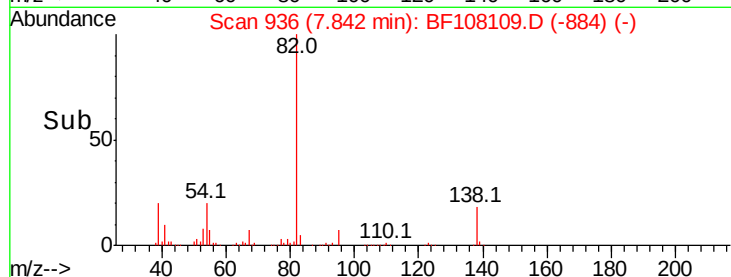
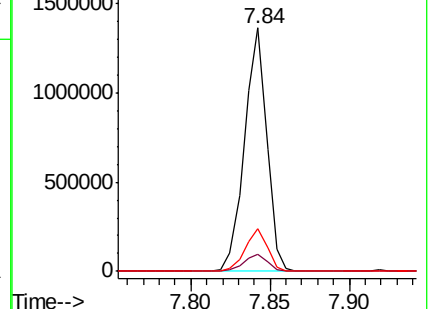
138 17.4 14.9 22.3



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: 39.621 ng

RT: 7.92 min Scan# 949

Delta R.T. 0.01 min

Lab File: BF108109.D

Acq: 13 Aug 2018 11:58

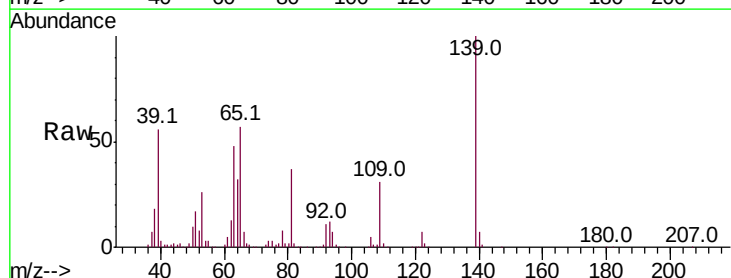
Tgt Ion: 139 Resp: 265394

Ion Ratio Lower Upper

139 100

109 31.4 22.7 34.1

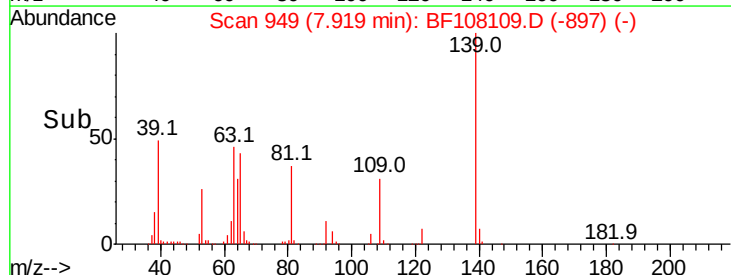
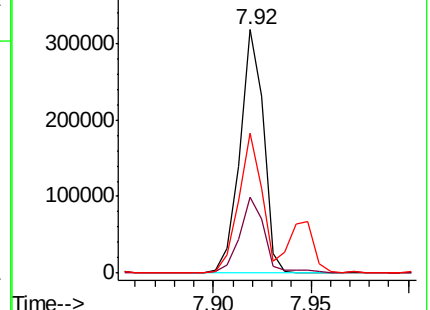
65 57.4 40.5 60.7

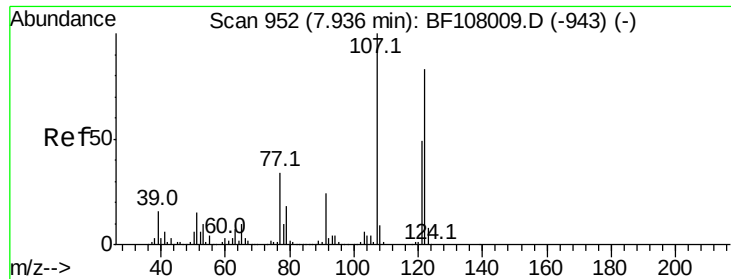


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

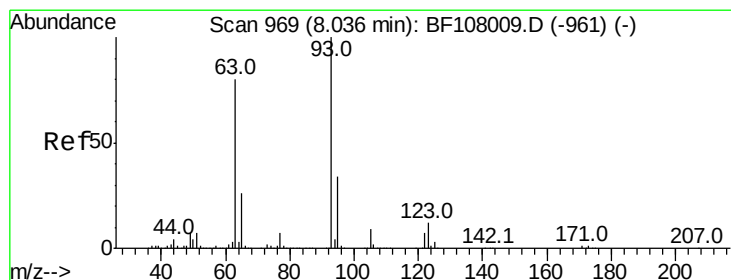
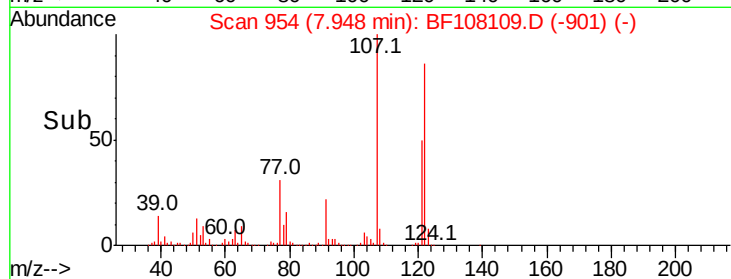
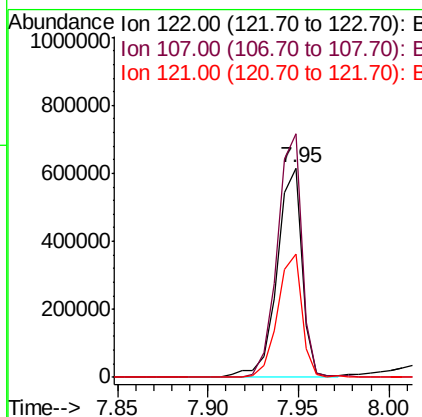
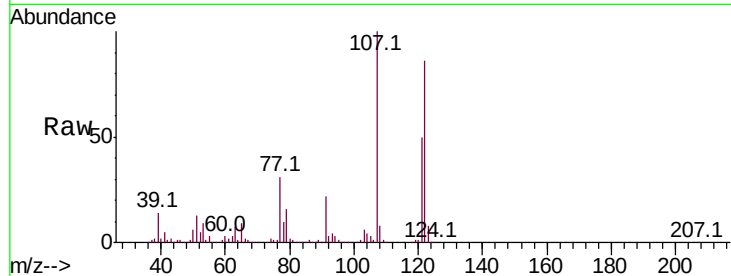




#27
 2,4-Dimethylphenol
 Concen: 39.953 ng
 RT: 7.95 min Scan# 954
 Delta R.T. 0.01 min
 Lab File: BF108109.D
 Acq: 13 Aug 2018 11:58

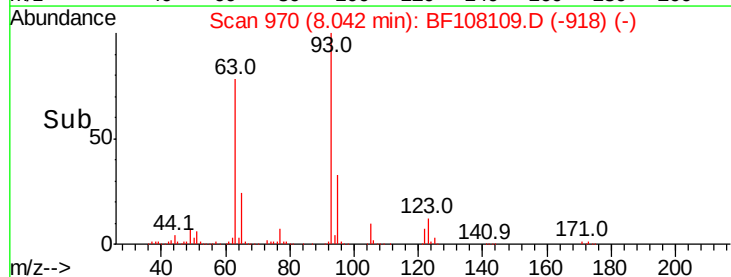
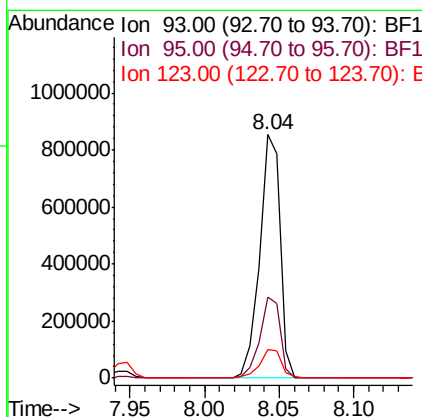
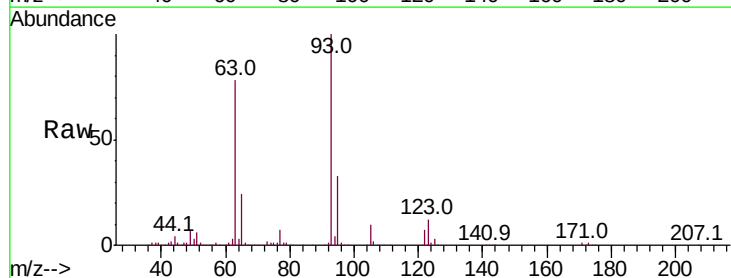
Instrument :
 BNA_F
 ClientSampled :

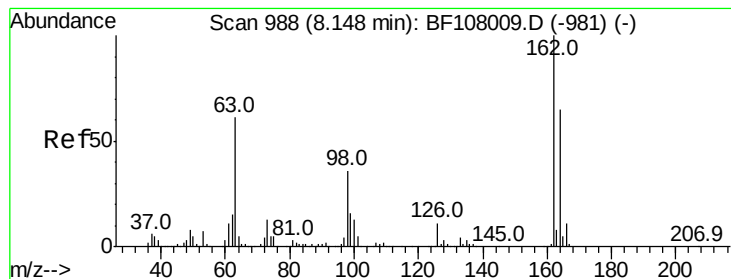
Tot Ion	Ratio	Lower	Upper
122	100		
107	116.1	91.2	136.8
121	58.6	47.2	70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.830 ng
 RT: 8.04 min Scan# 970
 Delta R.T. 0.01 min
 Lab File: BF108109.D
 Acq: 13 Aug 2018 11:58

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	26.3	39.5
123	11.5	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 41.177 ng

RT: 8.16 min Scan# 990

Delta R.T. 0.01 min

Lab File: BF108109.D

Acq: 13 Aug 2018 11:58

Instrument :

BNA_F

ClientSampled :

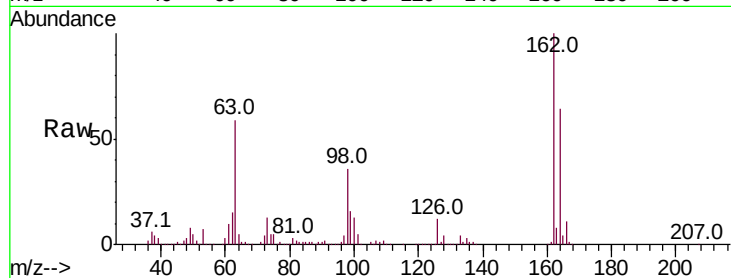
Tot Ion:162 Resp: 562284

Ion Ratio Lower Upper

162 100

164 64.3 42.7 82.7

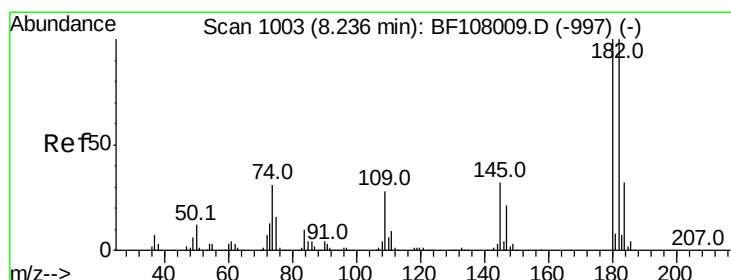
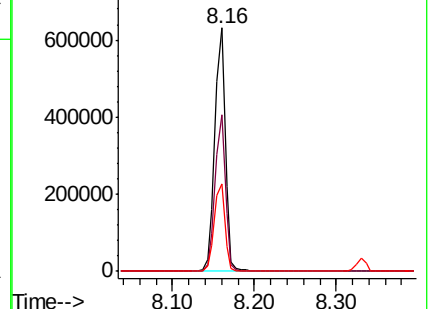
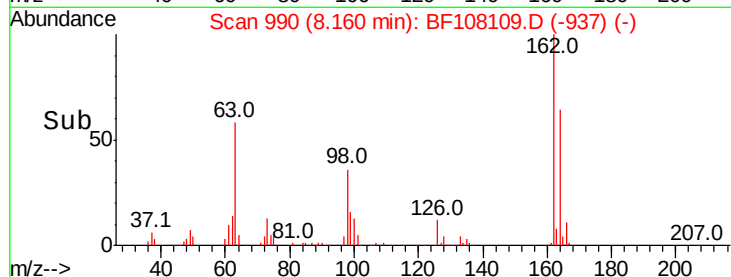
98 36.2 18.1 58.1



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: 40.145 ng

RT: 8.25 min Scan# 1005

Delta R.T. 0.01 min

Lab File: BF108109.D

Acq: 13 Aug 2018 11:58

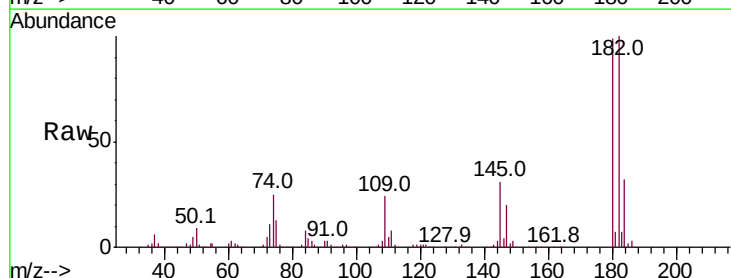
Tgt Ion:180 Resp: 604393

Ion Ratio Lower Upper

180 100

182 101.0 76.8 115.2

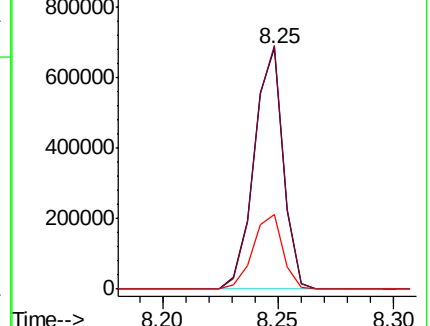
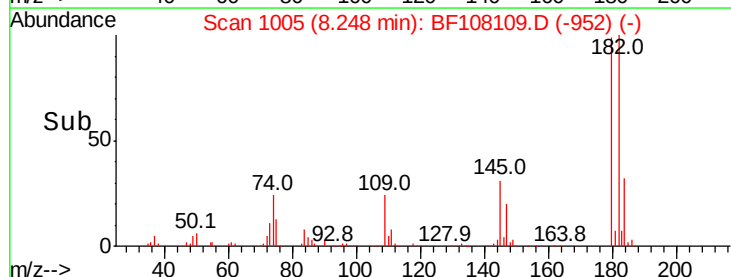
145 31.2 26.5 39.7

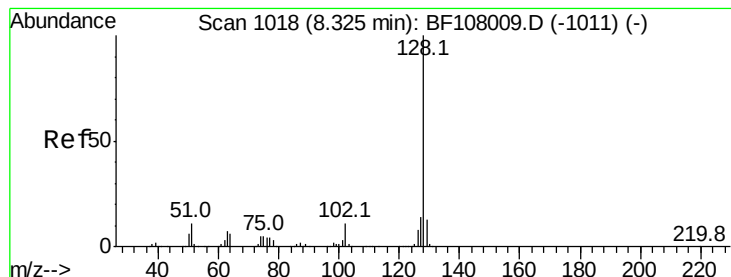


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.125 ng

RT: 8.33 min Scan# 1019

Delta R.T. 0.01 min

Lab File: BF108109.D

Acq: 13 Aug 2018 11:58

Instrument :

BNA_F

ClientSampleId :

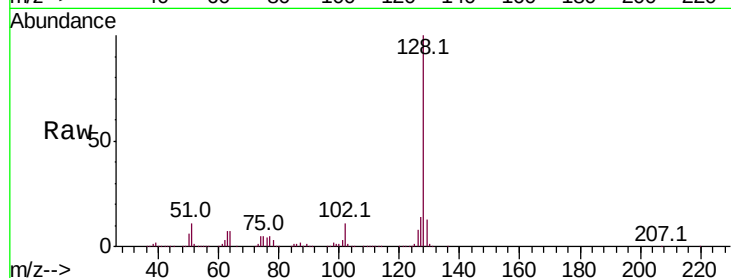
Tot Ion:128 Resp: 1786062

Ion Ratio Lower Upper

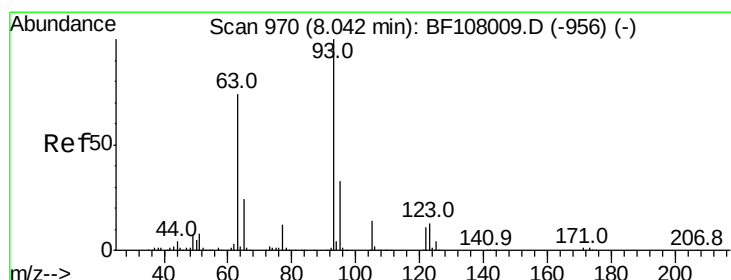
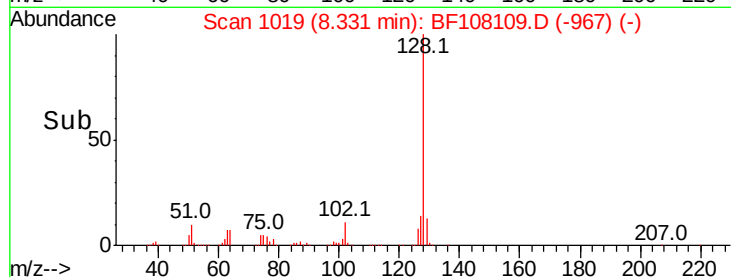
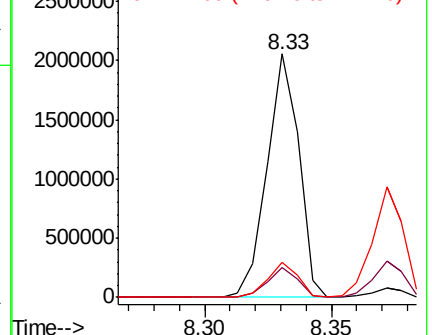
128 100

129 12.5 8.8 13.2

127 14.5 10.9 16.3



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



#32

Benzoic acid

Concen: 32.424 ng

RT: 8.05 min Scan# 972

Delta R.T. 0.01 min

Lab File: BF108109.D

Acq: 13 Aug 2018 11:58

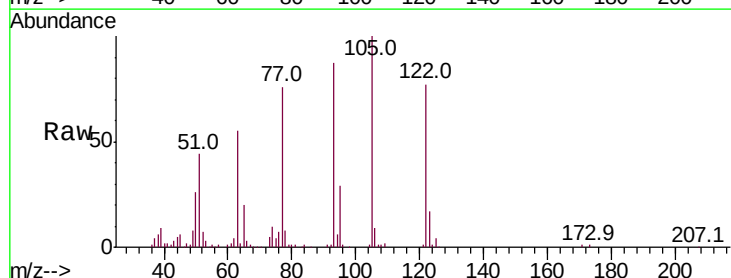
Tgt Ion:122 Resp: 260128

Ion Ratio Lower Upper

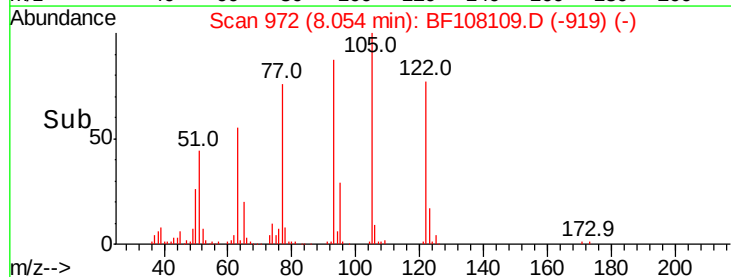
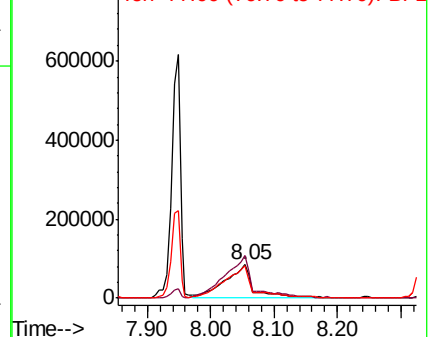
122 100

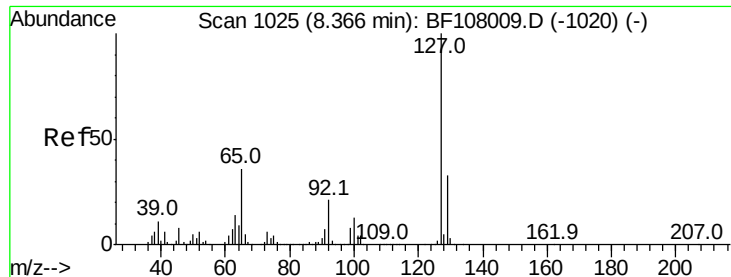
105 129.1 101.1 141.1

77 98.4 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

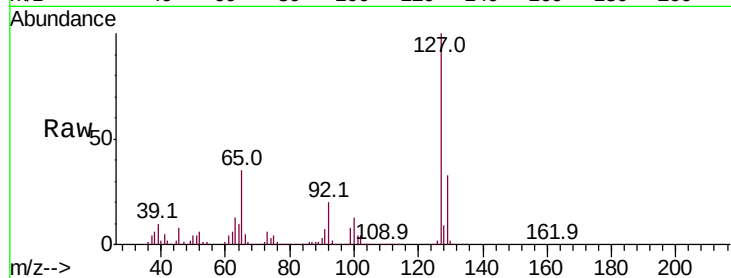




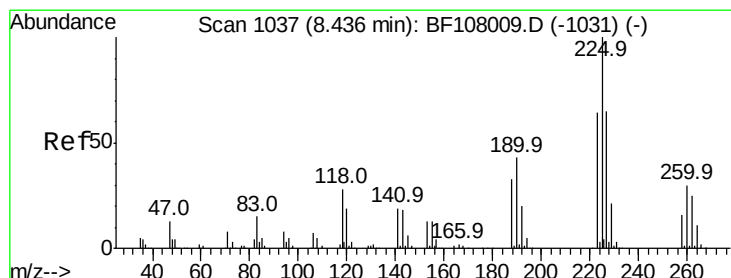
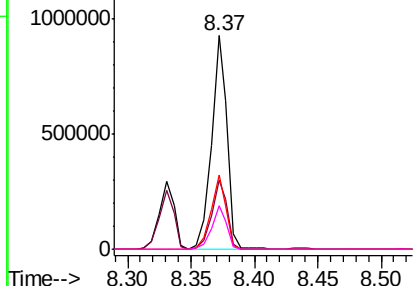
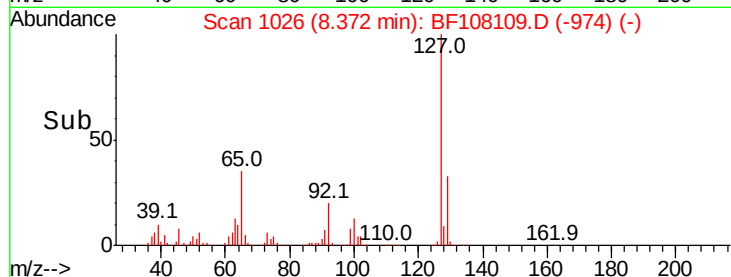
#33
4-Chloroaniline
Concen: 41.168 ng
RT: 8.37 min Scan# 1026
Delta R.T. 0.01 min
Lab File: BF108109.D
Acq: 13 Aug 2018 11:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	798604
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	35.0	25.0	37.4
92	20.3	15.2	22.8

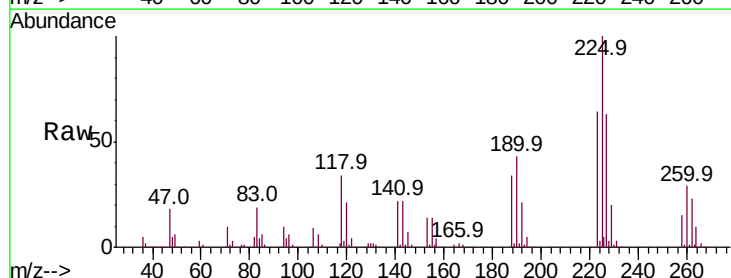


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

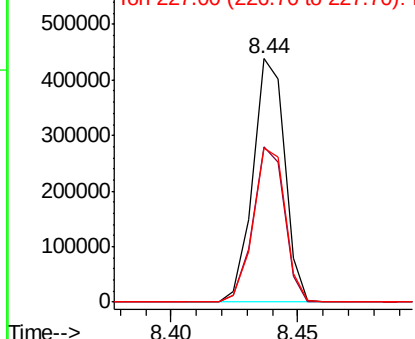
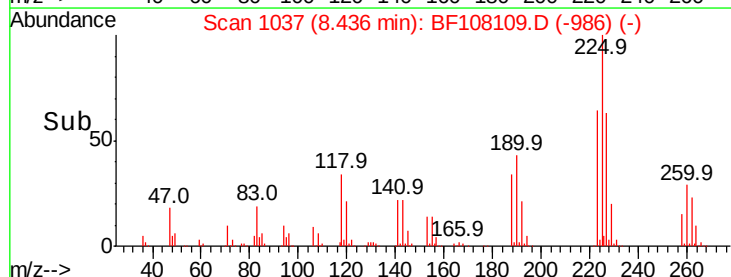


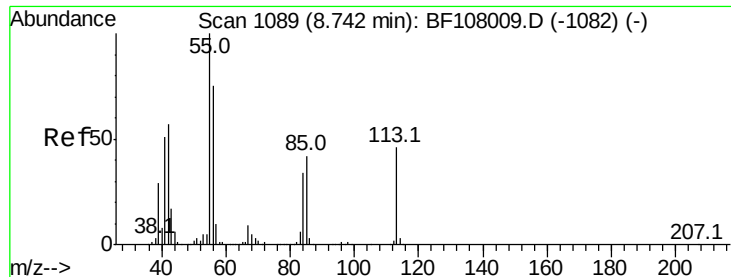
#34
Hexachlorobutadiene
Concen: 40.471 ng
RT: 8.44 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF108109.D
Acq: 13 Aug 2018 11:58

Tgt Ion:	225	Resp:	385720
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.6	76.0
227	63.4	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: 42.015 ng

RT: 8.75 min Scan# 1091

Delta R.T. 0.01 min

Lab File: BF108109.D

Acq: 13 Aug 2018 11:58

Instrument :

BNA_F

ClientSampled :

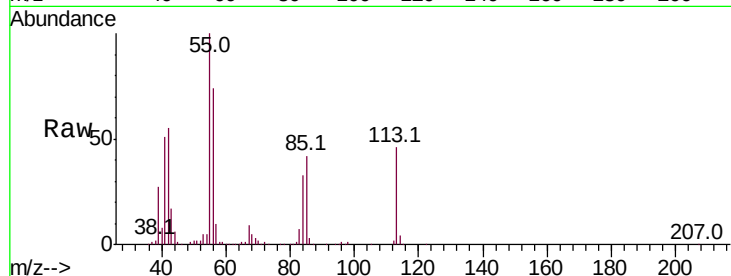
Tot Ion:113 Resp: 179792

Ion Ratio Lower Upper

113 100

55 217.8 163.3 203.3#

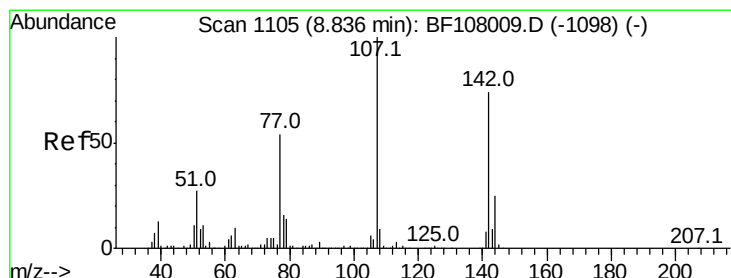
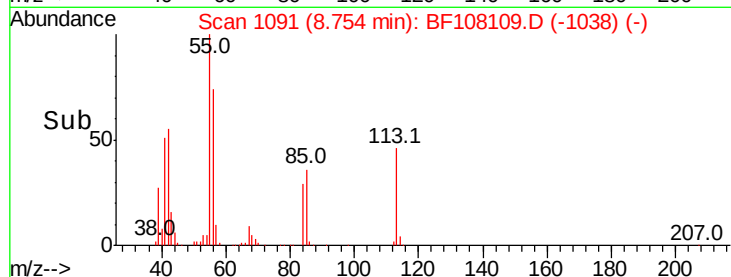
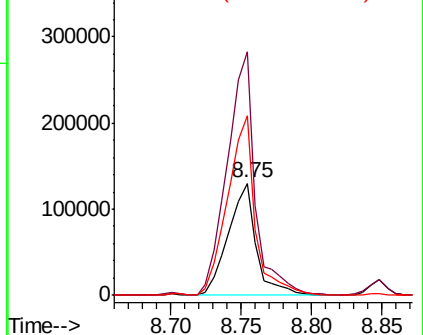
56 160.9 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 40.641 ng

RT: 8.85 min Scan# 1107

Delta R.T. 0.01 min

Lab File: BF108109.D

Acq: 13 Aug 2018 11:58

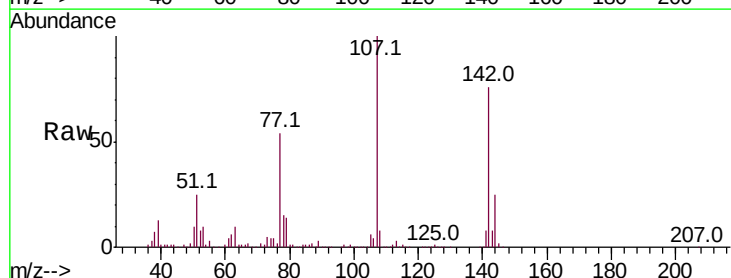
Tgt Ion:107 Resp: 598685

Ion Ratio Lower Upper

107 100

144 25.5 20.5 30.7

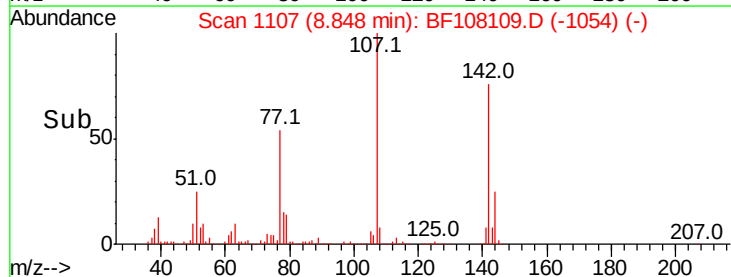
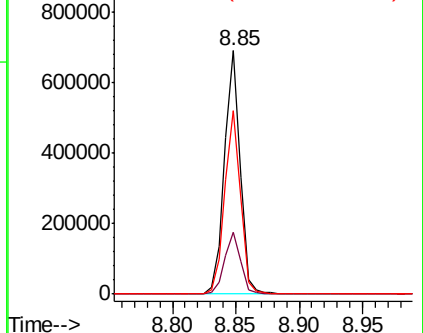
142 75.6 62.0 93.0

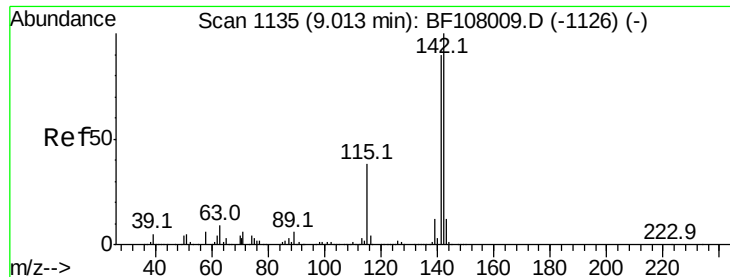


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.005 ng

RT: 9.02 min Scan# 1137

Delta R.T. 0.01 min

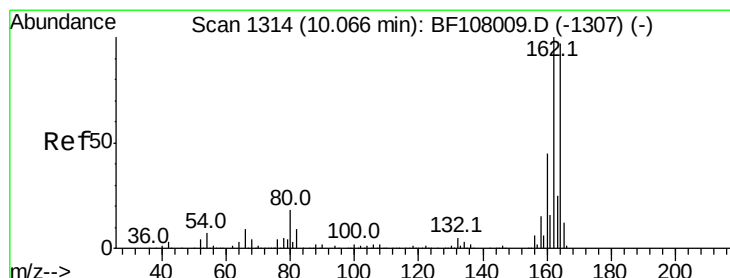
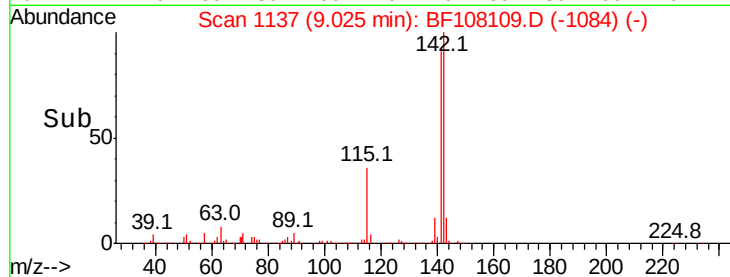
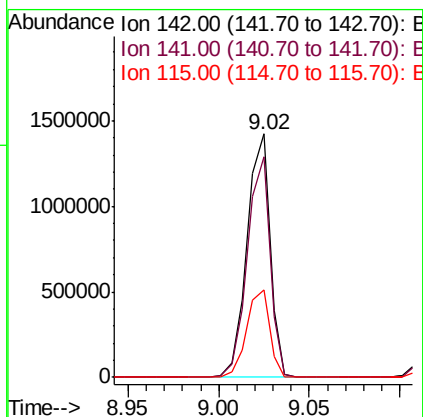
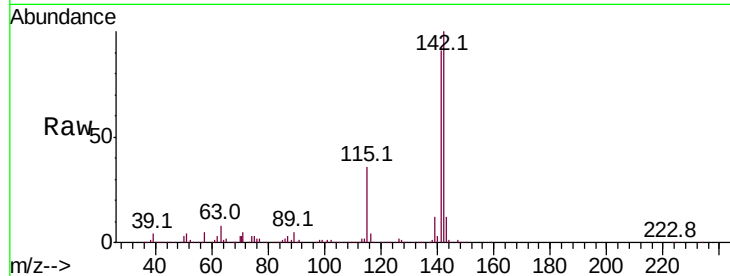
Lab File: BF108109.D

Acq: 13 Aug 2018 11:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1259892

Ion	Ratio	Lower	Upper
142	100		
141	90.7	70.8	106.2
115	36.0	26.1	39.1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.08 min Scan# 1316

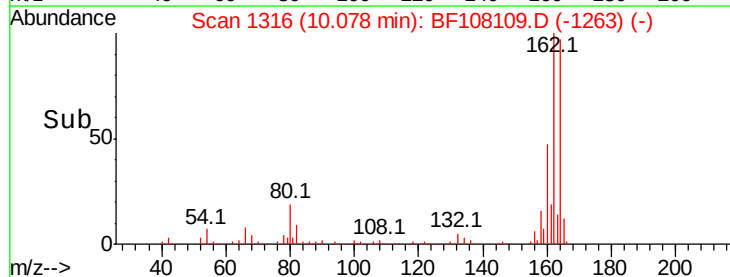
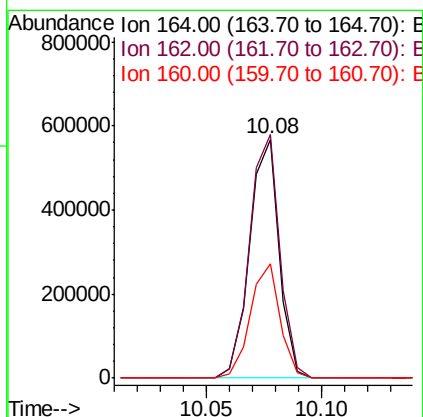
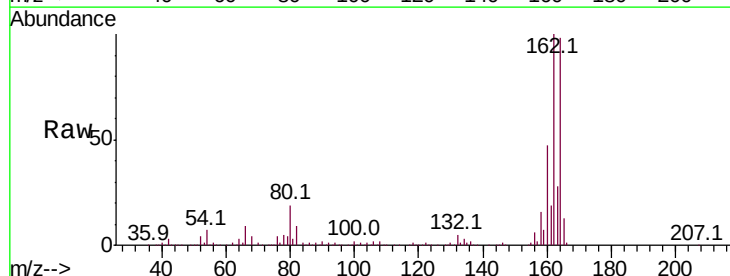
Delta R.T. 0.01 min

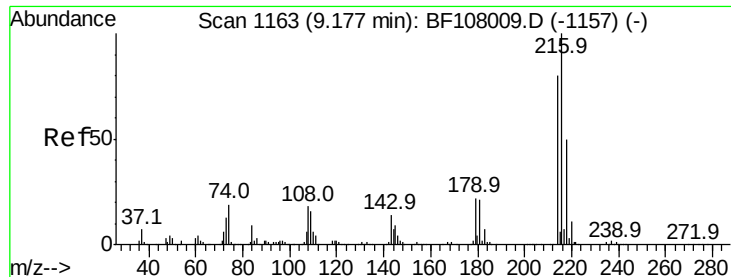
Lab File: BF108109.D

Acq: 13 Aug 2018 11:58

Tgt Ion:164 Resp: 509023

Ion	Ratio	Lower	Upper
164	100		
162	102.1	86.1	129.1
160	47.8	38.3	57.5

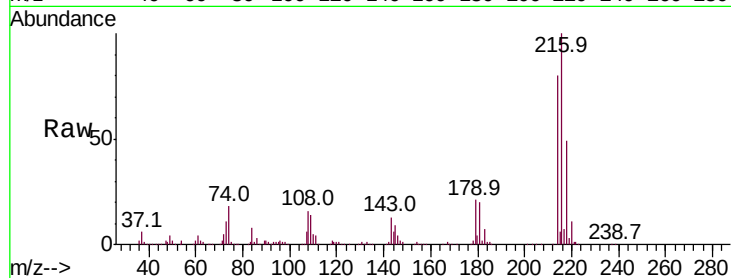




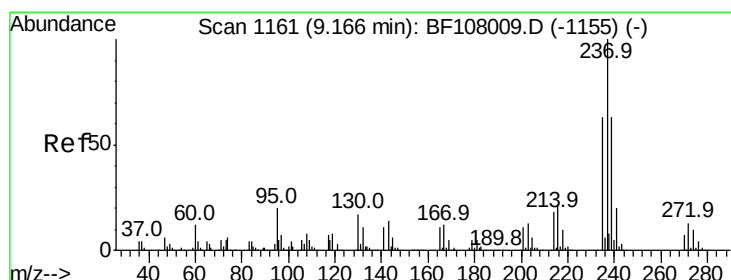
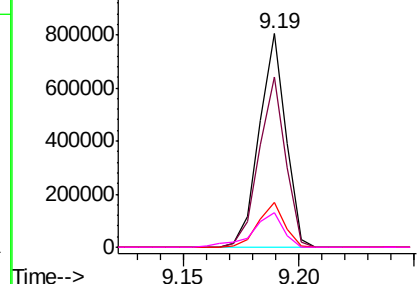
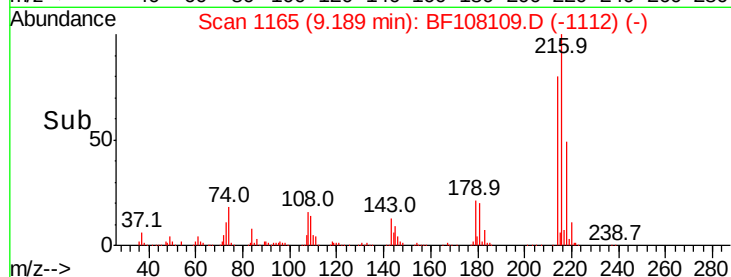
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.547 ng
 RT: 9.19 min Scan# 1165
 Delta R.T. 0.01 min
 Lab File: BF108109.D
 Acq: 13 Aug 2018 11:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	649448
Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.0	94.4
179	20.7	18.1	27.1
108	18.6	17.2	25.8

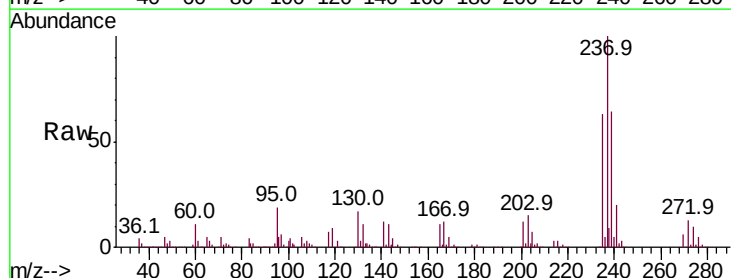


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

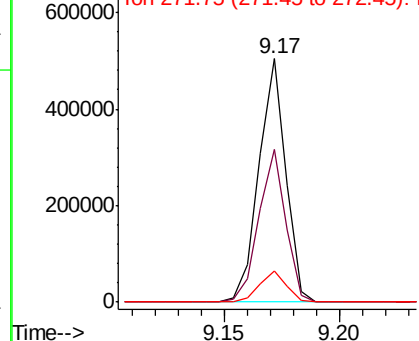
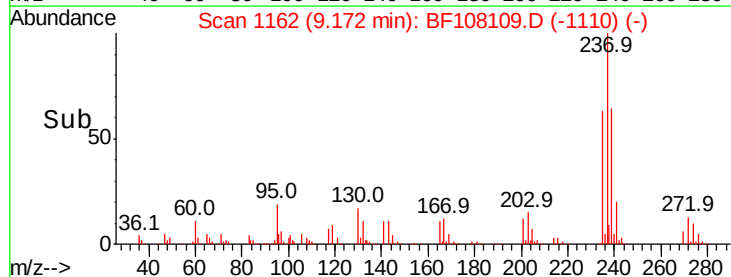


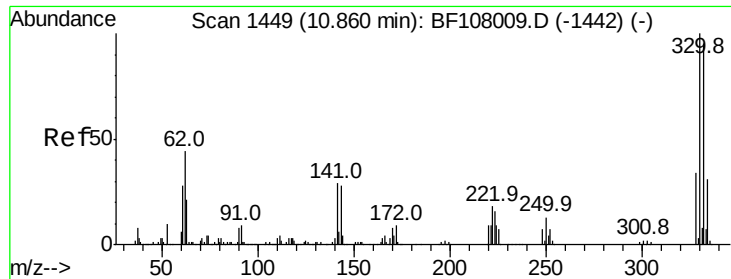
#40
 Hexachlorocyclopentadiene
 Concen: 40.903 ng
 RT: 9.17 min Scan# 1162
 Delta R.T. 0.01 min
 Lab File: BF108109.D
 Acq: 13 Aug 2018 11:58

Tgt Ion:	237	Resp:	412978
Ion	Ratio	Lower	Upper
237	100		
235	62.6	44.8	84.8
272	12.6	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

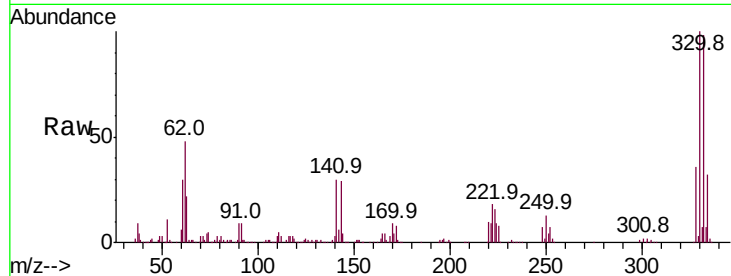




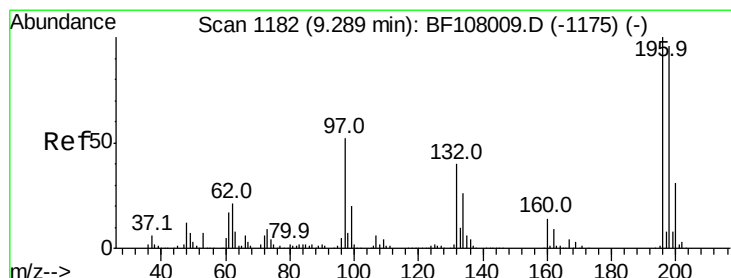
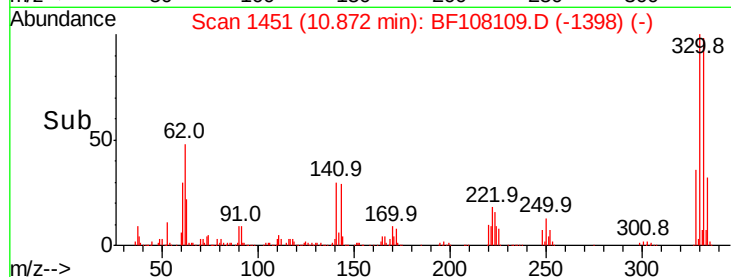
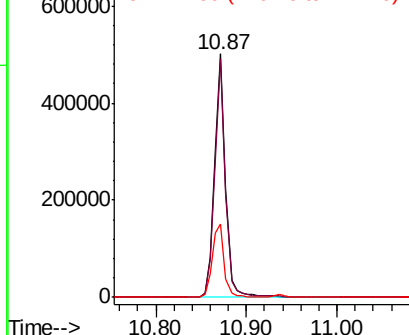
#41
 2,4,6-Tribromophenol
 Concen: 84.836 ng
 RT: 10.87 min Scan# 1451
 Delta R.T. 0.01 min
 Lab File: BF108109.D
 Acq: 13 Aug 2018 11:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 430742
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 32.8 29.9 44.9

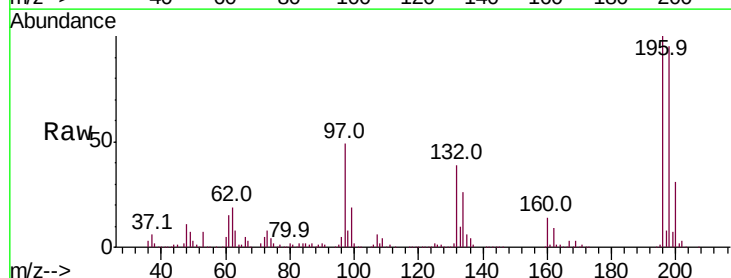


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

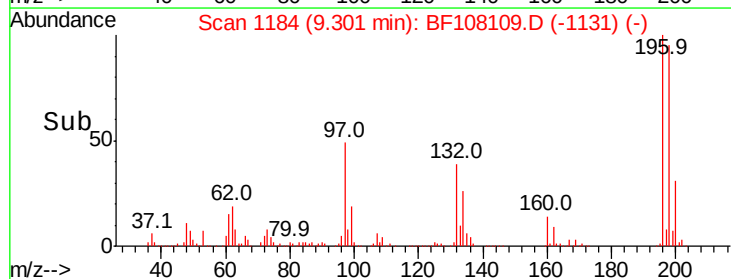
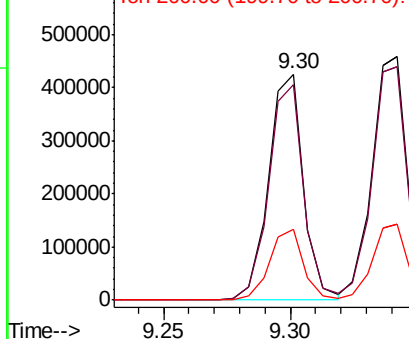


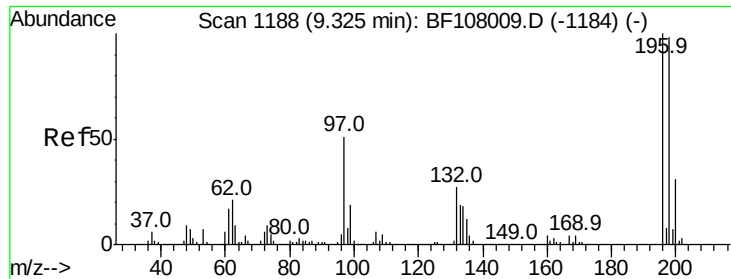
#42
 2,4,6-Trichlorophenol
 Concen: 42.295 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. 0.01 min
 Lab File: BF108109.D
 Acq: 13 Aug 2018 11:58

Tgt Ion:196 Resp: 410267
 Ion Ratio Lower Upper
 196 100
 198 95.4 75.7 113.5
 200 31.2 24.5 36.7



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

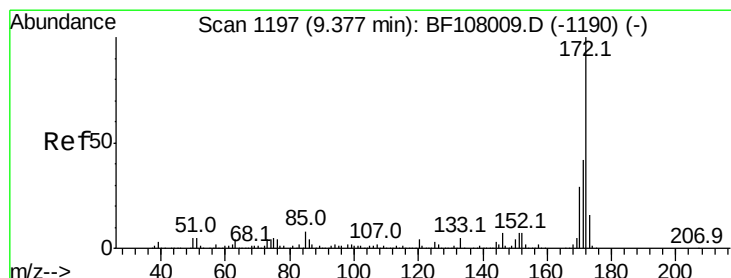
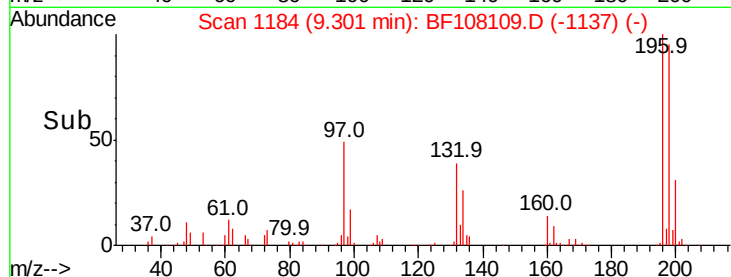
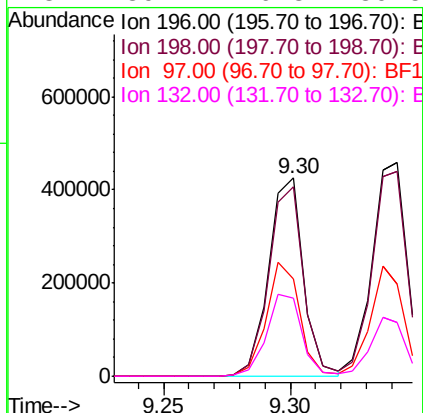
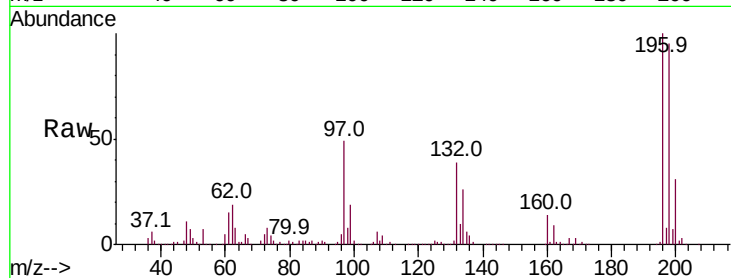




#43
 2,4,5-Trichlorophenol
 Concen: 38.421 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF108109.D
 Acq: 13 Aug 2018 11:58

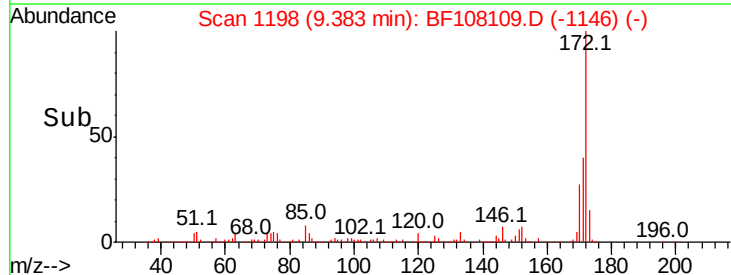
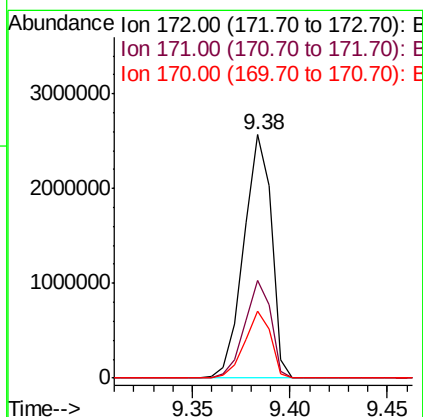
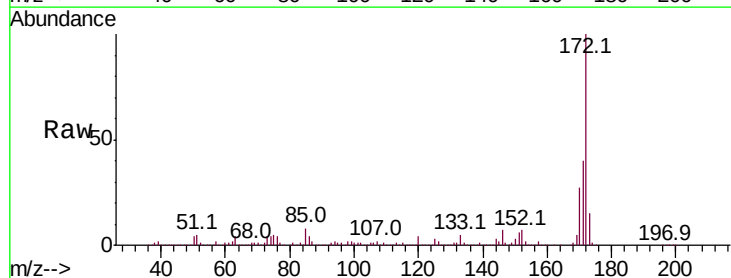
Instrument :
 BNA_F
 ClientSampleId :

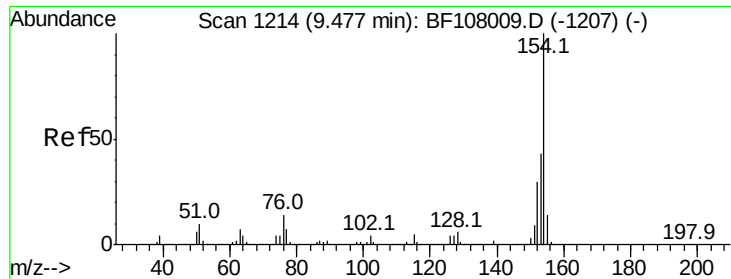
Tot Ion:	196	Resp:	410267
Ion	Ratio	Lower	Upper
196	100		
198	95.4	74.6	112.0
97	49.4	42.9	64.3
132	39.1	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 79.321 ng
 RT: 9.38 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF108109.D
 Acq: 13 Aug 2018 11:58

Tgt Ion:	172	Resp:	2514925
Ion	Ratio	Lower	Upper
172	100		
171	40.1	29.7	44.5
170	27.4	19.6	29.4

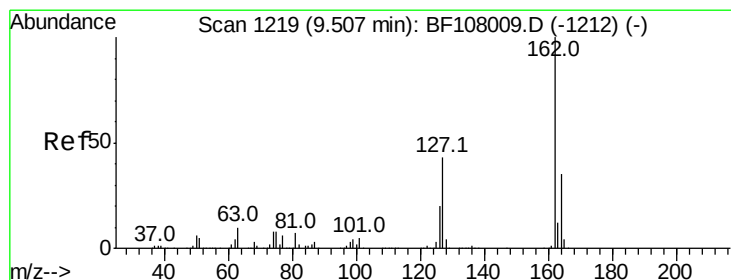
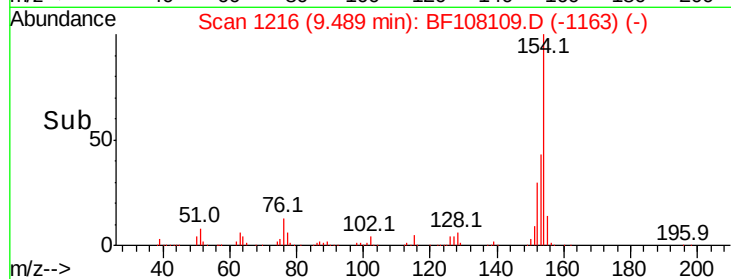
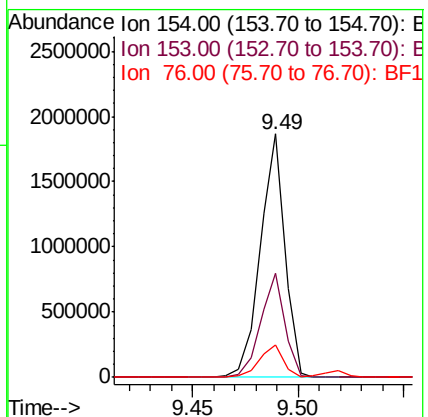
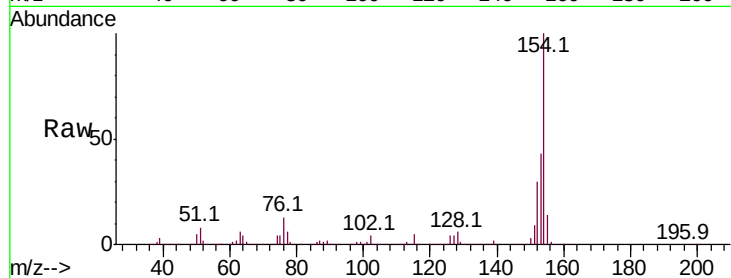




#45
 1,1'-Biphenyl
 Concen: 40.218 ng
 RT: 9.49 min Scan# 1216
 Delta R.T. 0.01 min
 Lab File: BF108109.D
 Acq: 13 Aug 2018 11:58

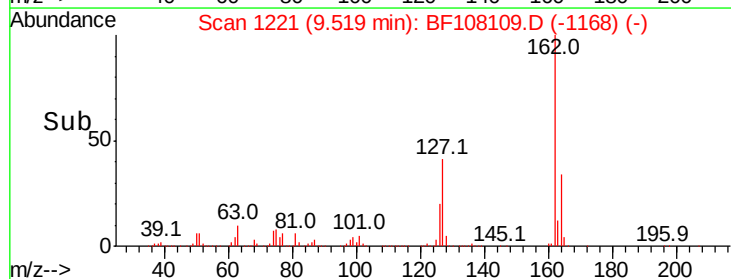
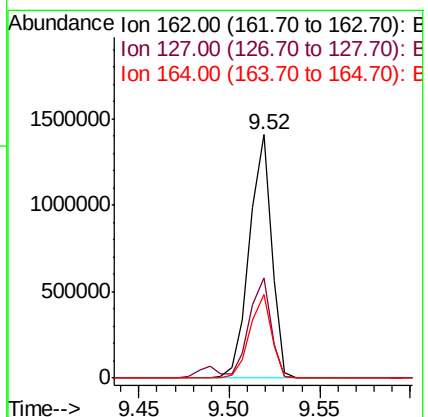
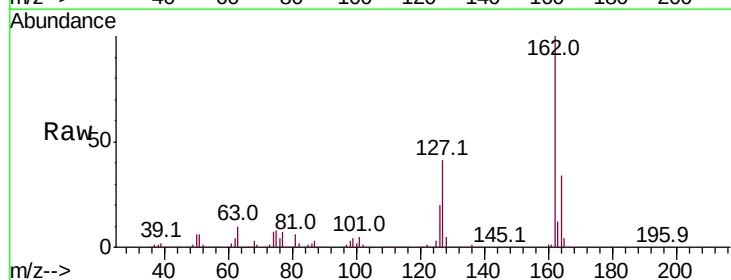
Instrument :
 BNA_F
 ClientSampled :

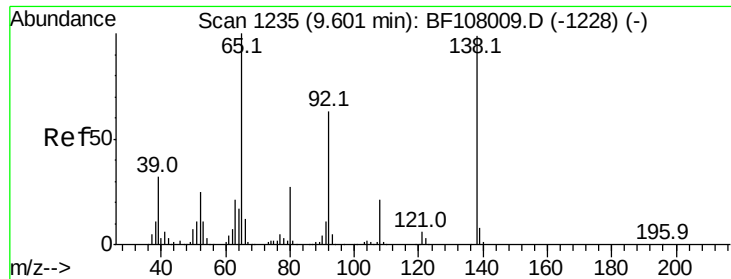
Tot Ion:154 Resp: 1509373
 Ion Ratio Lower Upper
 154 100
 153 43.0 21.3 61.3
 76 13.5 0.0 34.0



#46
 2-Chloronaphthalene
 Concen: 40.506 ng
 RT: 9.52 min Scan# 1221
 Delta R.T. 0.01 min
 Lab File: BF108109.D
 Acq: 13 Aug 2018 11:58

Tgt Ion:162 Resp: 1201497
 Ion Ratio Lower Upper
 162 100
 127 41.0 33.9 50.9
 164 34.3 26.5 39.7

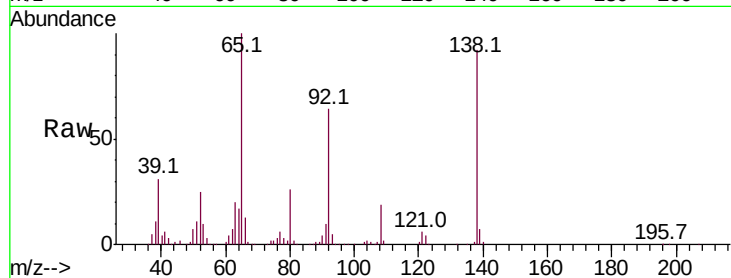




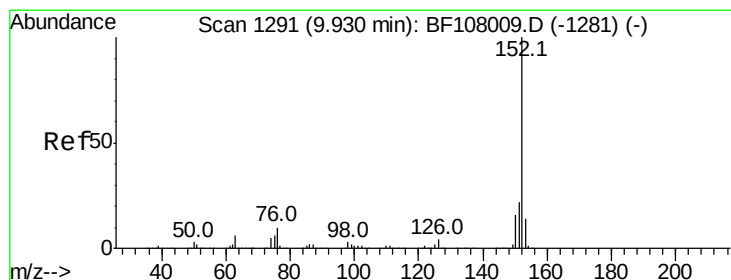
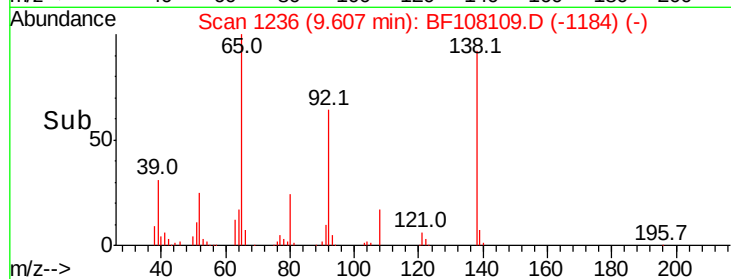
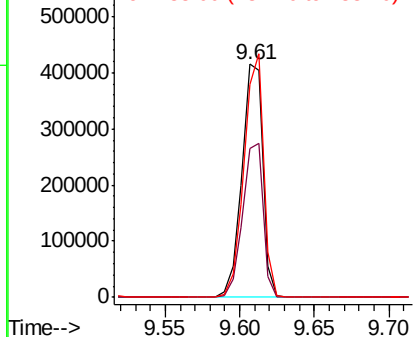
#47
2-Nitroaniline
Concen: 42.118 ng
RT: 9.61 min Scan# 1236
Delta R.T. 0.01 min
Lab File: BF108109.D
Acq: 13 Aug 2018 11:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 404230
Ion Ratio Lower Upper
65 100
92 63.8 55.8 83.6
138 91.7 91.2 136.8

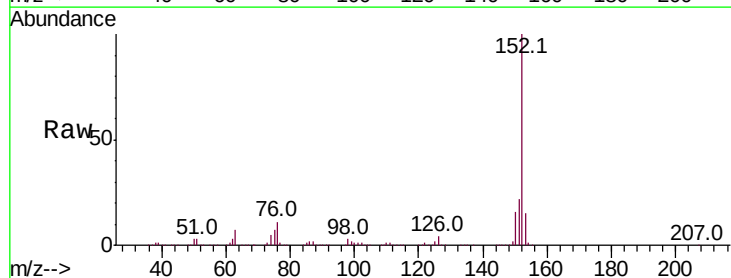


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

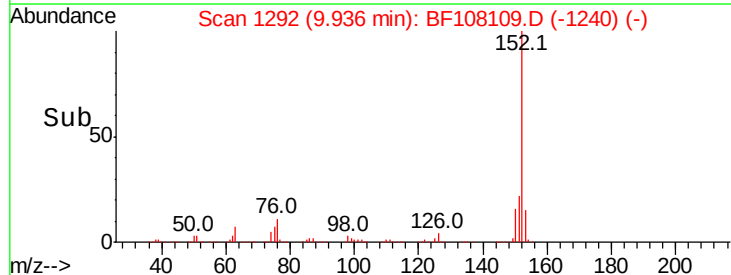
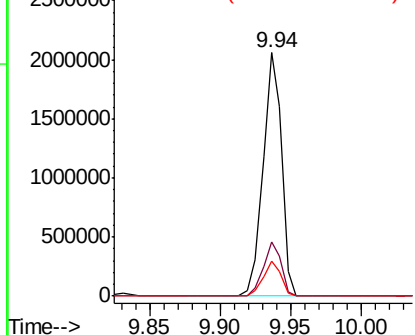


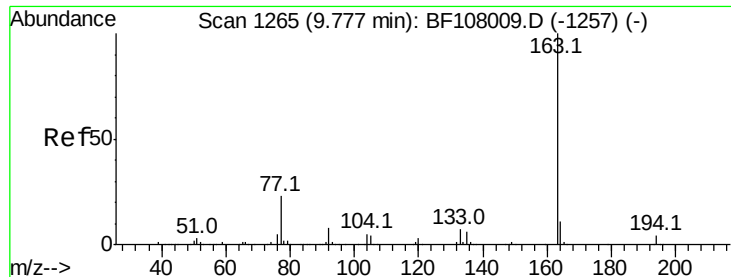
#48
Acenaphthylene
Concen: 40.807 ng
RT: 9.94 min Scan# 1292
Delta R.T. 0.01 min
Lab File: BF108109.D
Acq: 13 Aug 2018 11:58

Tgt Ion: 152 Resp: 1913613
Ion Ratio Lower Upper
152 100
151 22.1 16.3 24.5
153 14.6 10.7 16.1



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

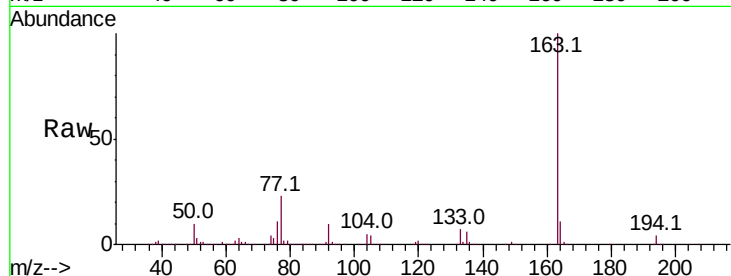




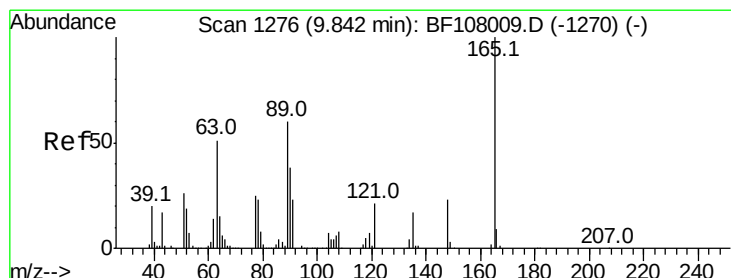
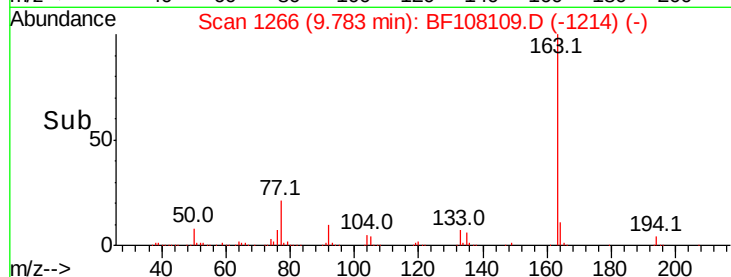
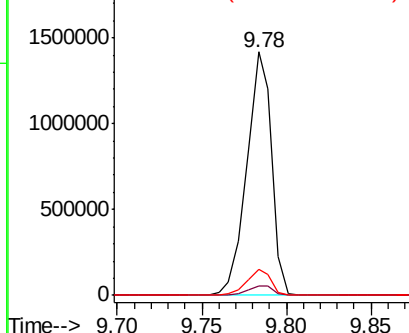
#49
Dimethylphthalate
Concen: 41.001 ng
RT: 9.78 min Scan# 1266
Delta R.T. 0.01 min
Lab File: BF108109.D
Acq: 13 Aug 2018 11:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1453797
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 10.8 8.2 12.2

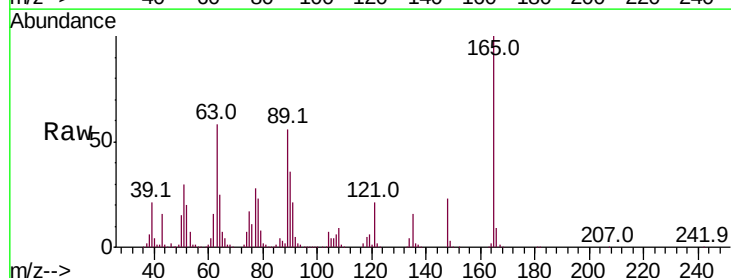


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

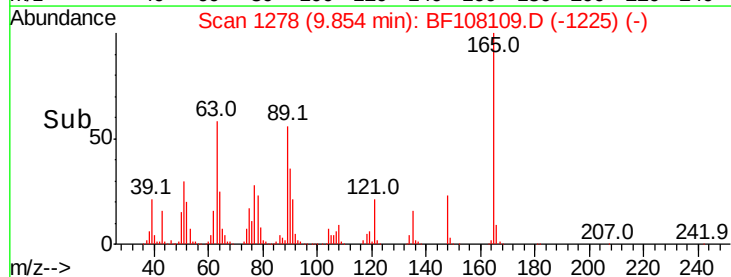
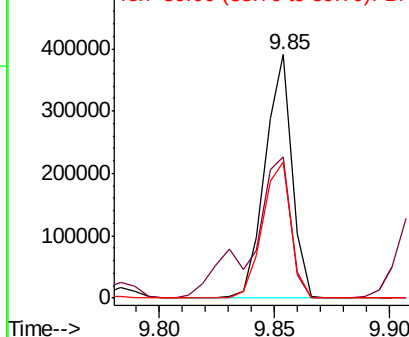


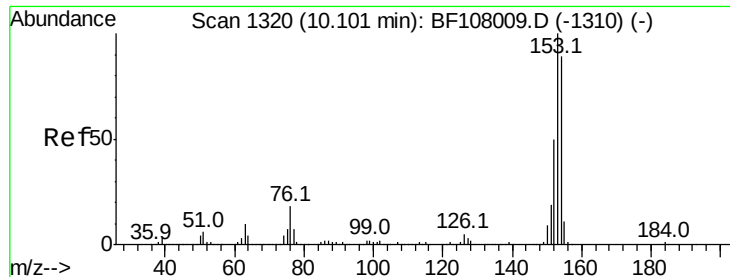
#50
2,6-Dinitrotoluene
Concen: 42.672 ng
RT: 9.85 min Scan# 1278
Delta R.T. 0.01 min
Lab File: BF108109.D
Acq: 13 Aug 2018 11:58

Tgt Ion:165 Resp: 316557
Ion Ratio Lower Upper
165 100
63 57.8 44.7 67.1
89 55.7 44.0 66.0



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





#51

Acenaphthene

Concen: 41.190 ng

RT: 10.11 min Scan# 1322

Delta R.T. 0.01 min

Lab File: BF108109.D

Acq: 13 Aug 2018 11:58

Instrument :

BNA_F

ClientSampleId :

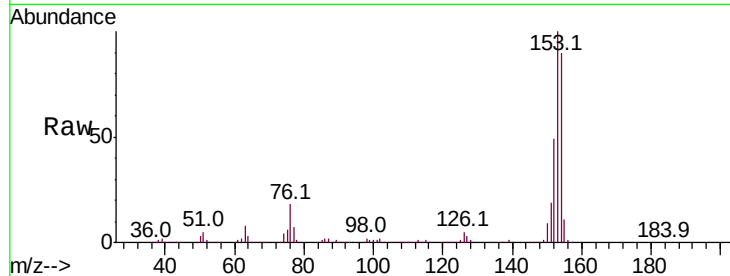
Tot Ion:154 Resp: 1183088

Ion Ratio Lower Upper

154 100

153 111.3 91.2 136.8

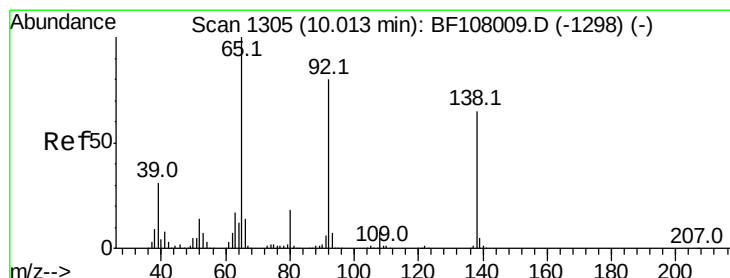
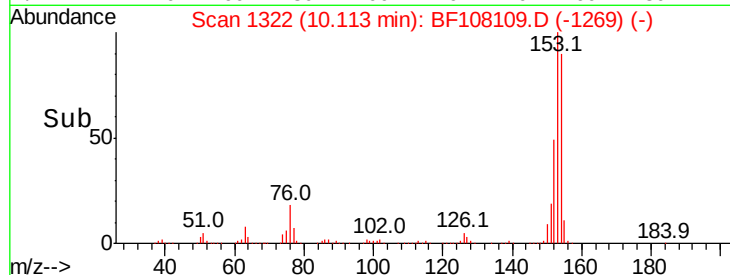
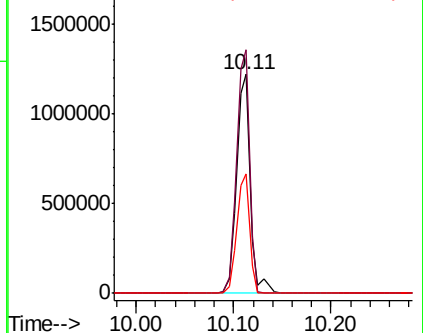
152 54.3 43.8 65.8



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: 42.929 ng

RT: 10.02 min Scan# 1307

Delta R.T. 0.01 min

Lab File: BF108109.D

Acq: 13 Aug 2018 11:58

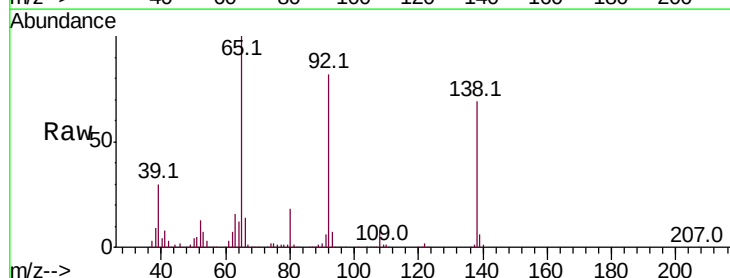
Tgt Ion:138 Resp: 348443

Ion Ratio Lower Upper

138 100

108 11.4 9.4 14.0

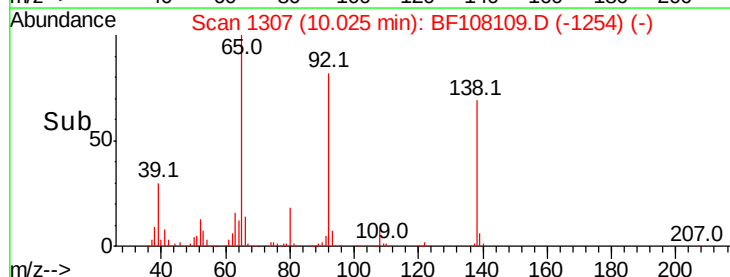
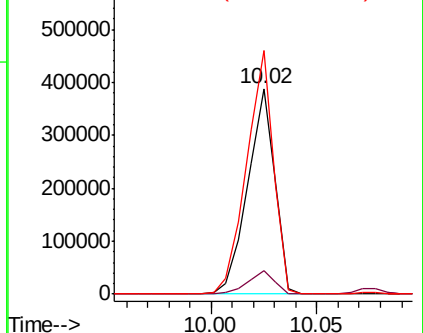
92 118.4 89.4 134.2

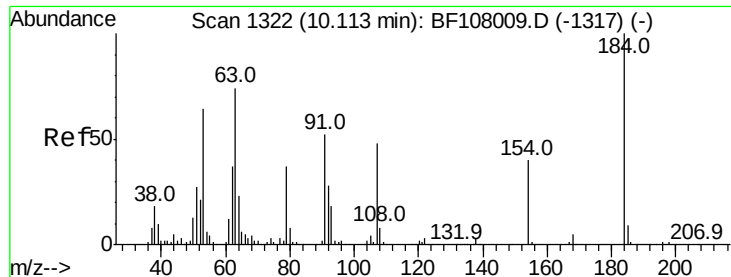


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

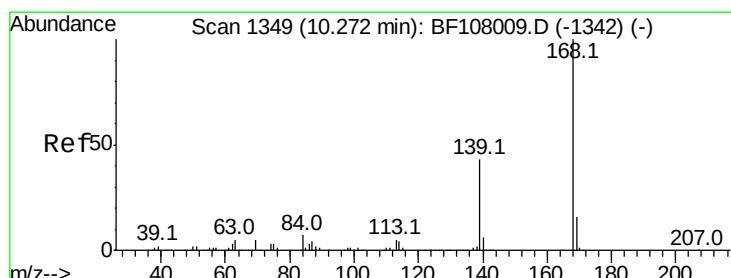
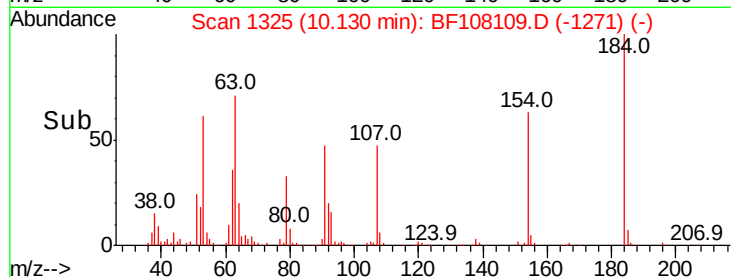
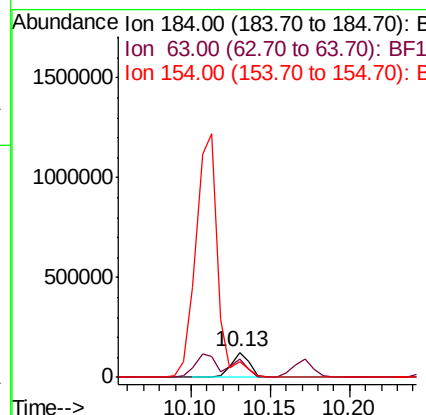
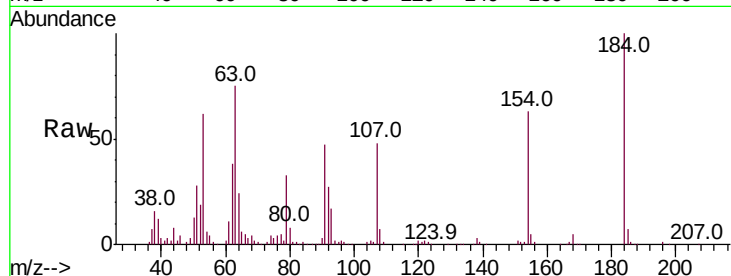




#53
 2,4-Dinitrophenol
 Concen: 40.573 ng
 RT: 10.13 min Scan# 1325
 Delta R.T. 0.02 min
 Lab File: BF108109.D
 Acq: 13 Aug 2018 11:58

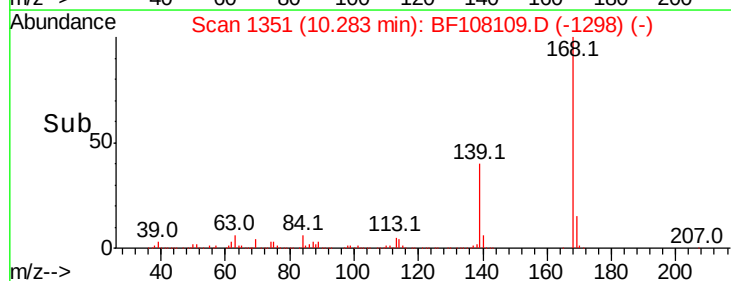
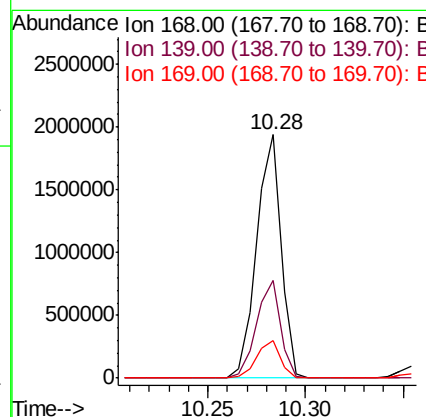
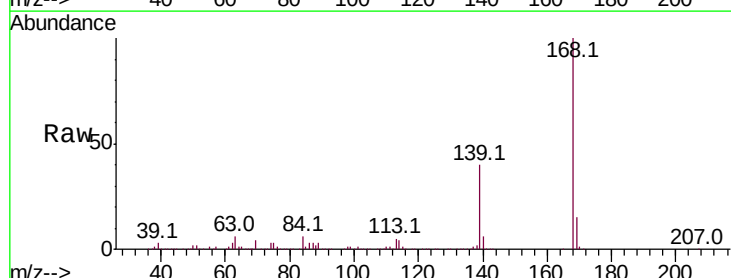
Instrument :
 BNA_F
 ClientSampleId :

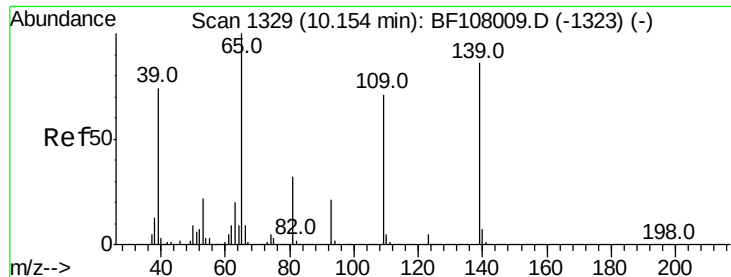
Tot Ion:184 Resp: 102111
 Ion Ratio Lower Upper
 184 100
 63 74.7 54.2 81.2
 154 62.6 184.0 276.0#



#54
 Dibenzofuran
 Concen: 40.467 ng
 RT: 10.28 min Scan# 1351
 Delta R.T. 0.01 min
 Lab File: BF108109.D
 Acq: 13 Aug 2018 11:58

Tgt Ion:168 Resp: 1683947
 Ion Ratio Lower Upper
 168 100
 139 40.2 30.1 45.1
 169 15.2 10.9 16.3





#55

4-Nitrophenol

Concen: 40.350 ng

RT: 10.17 min Scan# 1332

Delta R.T. 0.02 min

Lab File: BF108109.D

Acq: 13 Aug 2018 11:58

Instrument :

BNA_F

ClientSampleId :

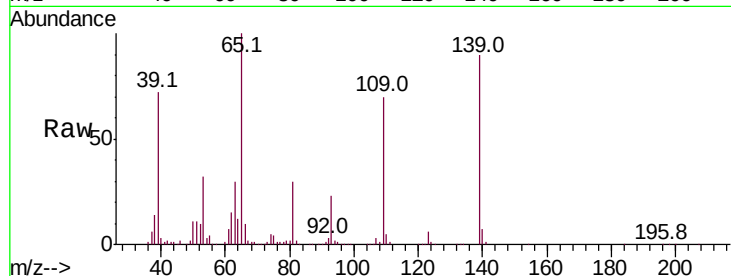
Tot Ion:139 Resp: 248008

Ion Ratio Lower Upper

139 100

109 77.5 48.4 88.4

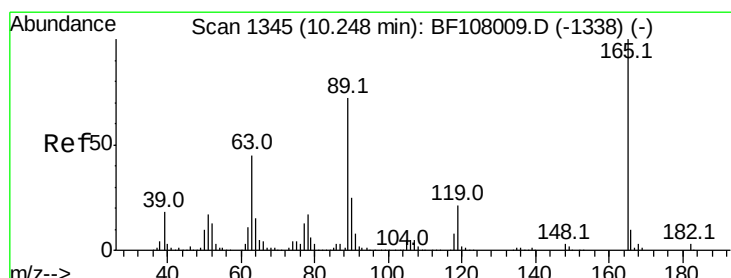
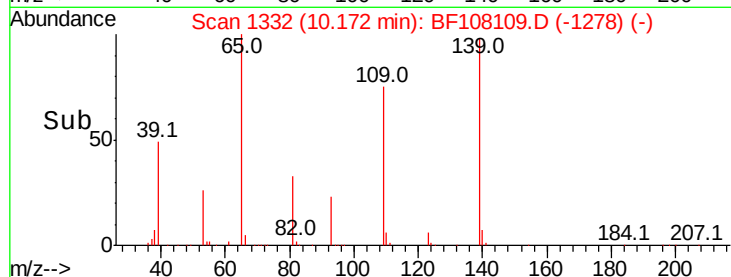
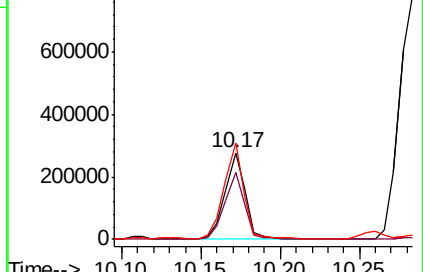
65 111.3 72.6 112.6



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: 43.373 ng

RT: 10.26 min Scan# 1347

Delta R.T. 0.01 min

Lab File: BF108109.D

Acq: 13 Aug 2018 11:58

Tgt Ion:165 Resp: 414163

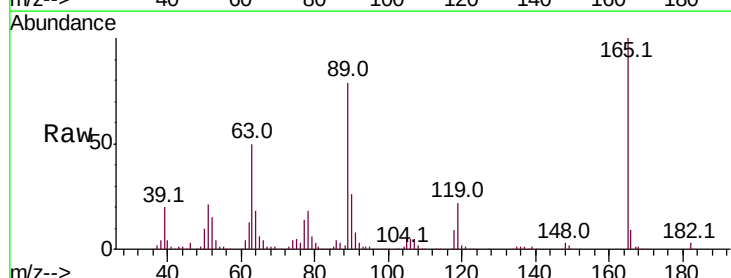
Ion Ratio Lower Upper

165 100

63 50.0 36.4 54.6

89 78.9 57.8 86.6

182 2.7 1.6 2.4#

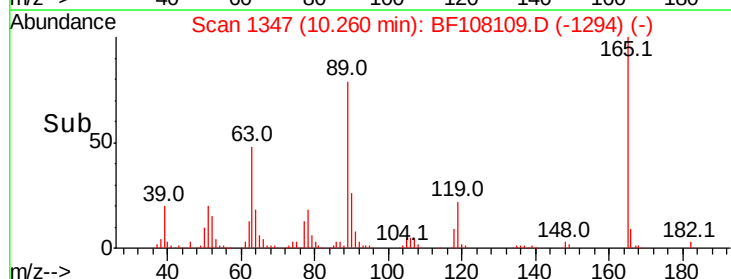
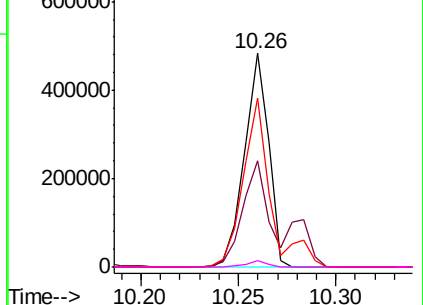


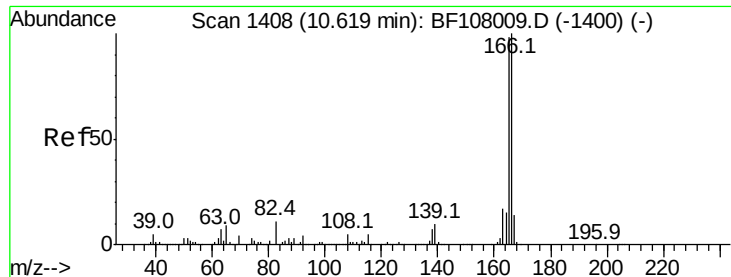
Abundance Ion 165.00 (164.70 to 165.70): E

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: 40.936 ng

RT: 10.63 min Scan# 1410

Delta R.T. 0.01 min

Lab File: BF108109.D

Acq: 13 Aug 2018 11:58

Instrument :

BNA_F

ClientSampleId :

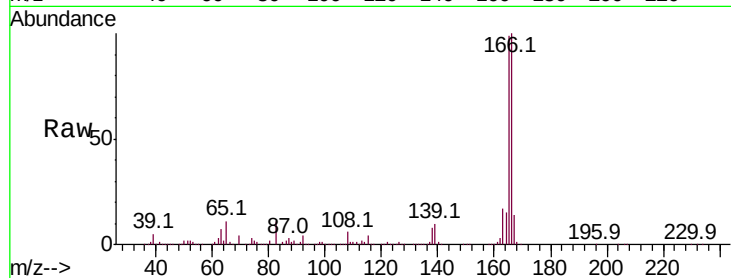
Tot Ion:166 Resp: 1348480

Ion Ratio Lower Upper

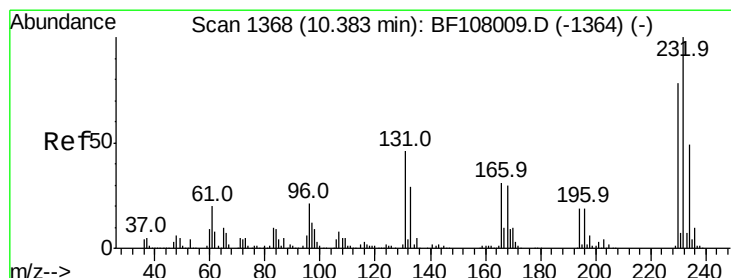
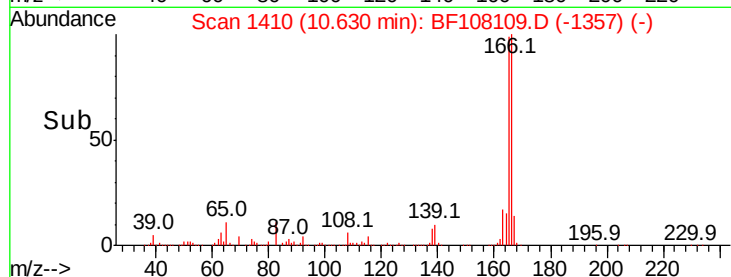
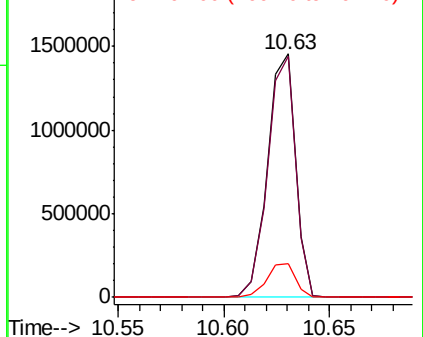
166 100

165 98.9 79.8 119.8

167 13.8 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
2000000 Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.158 ng

RT: 10.40 min Scan# 1370

Delta R.T. 0.01 min

Lab File: BF108109.D

Acq: 13 Aug 2018 11:58

Tgt Ion:232 Resp: 367336

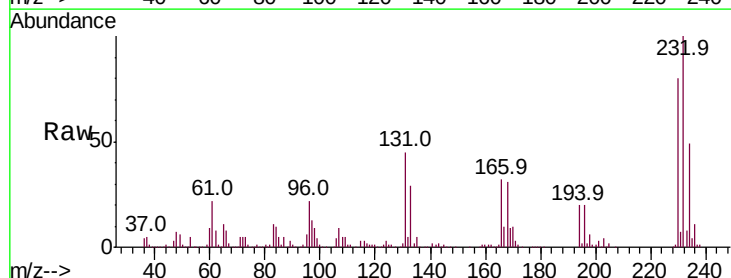
Ion Ratio Lower Upper

232 100

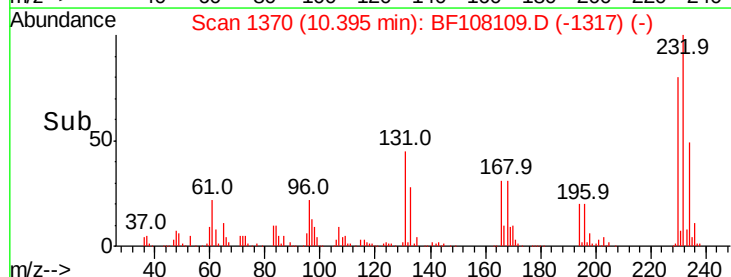
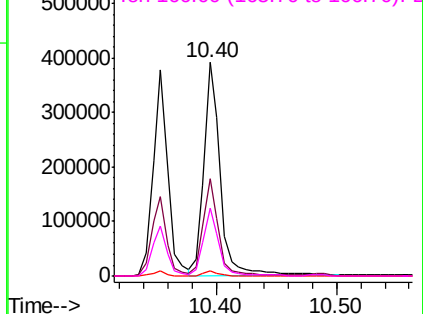
131 43.5 43.8 65.8#

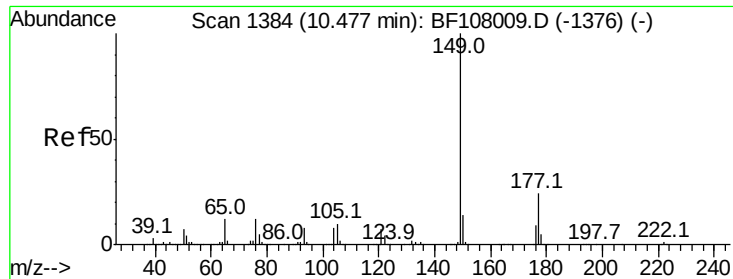
130 2.4 2.1 3.1

166 29.4 27.8 41.6



Abundance Ion 232.00 (231.70 to 232.70): E
600000 Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 40.875 ng

RT: 10.48 min Scan# 1385

Delta R.T. 0.01 min

Lab File: BF108109.D

Acq: 13 Aug 2018 11:58

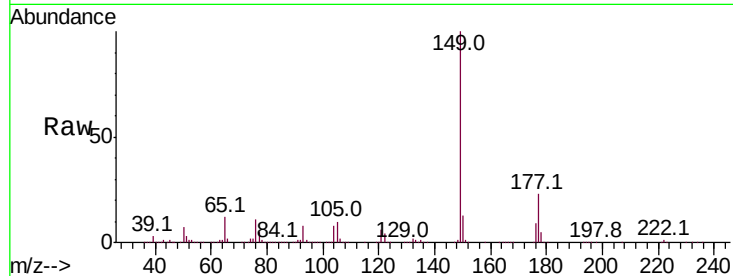
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1403446

Ion	Ratio	Lower	Upper
149	100		
177	23.4	16.1	24.1
150	13.2	10.1	15.1

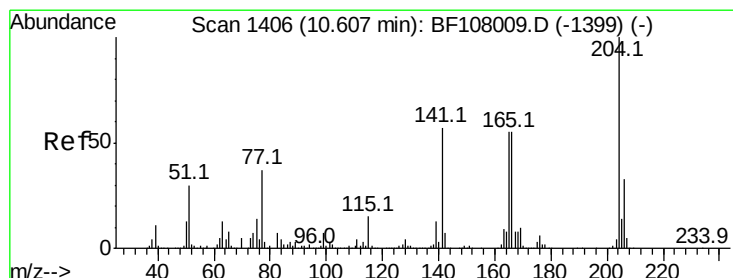
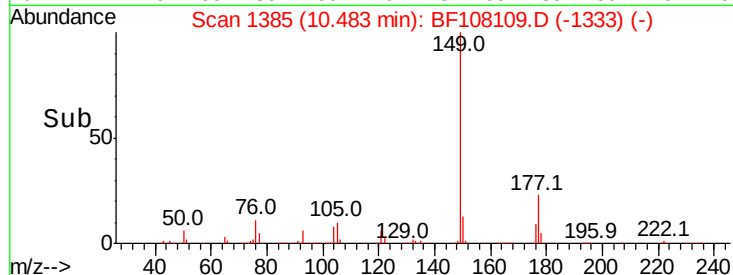
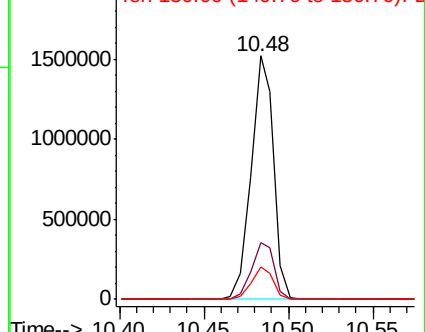


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 40.972 ng

RT: 10.61 min Scan# 1407

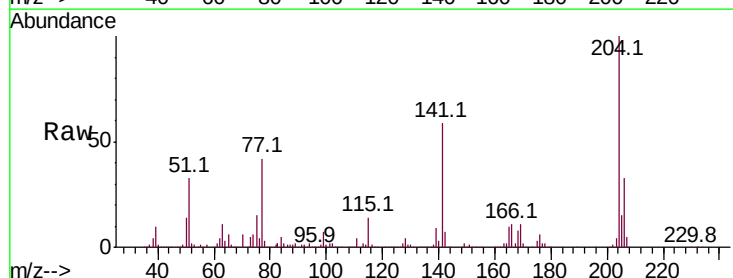
Delta R.T. 0.01 min

Lab File: BF108109.D

Acq: 13 Aug 2018 11:58

Tgt Ion:204 Resp: 703266

Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.5	39.7
141	58.8	54.6	81.8

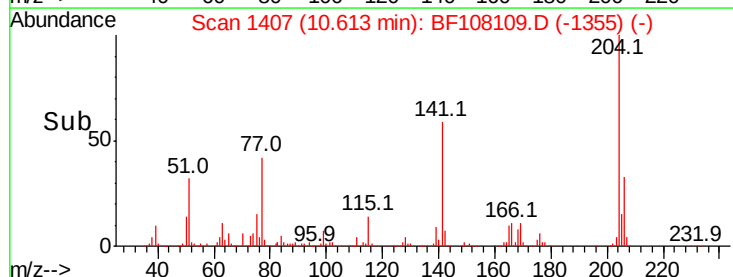
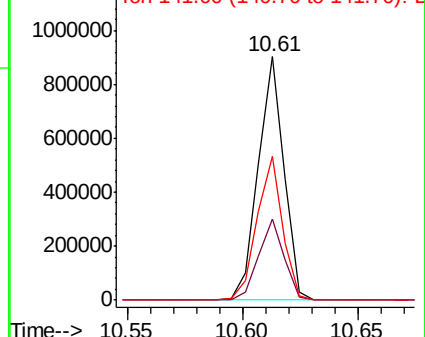


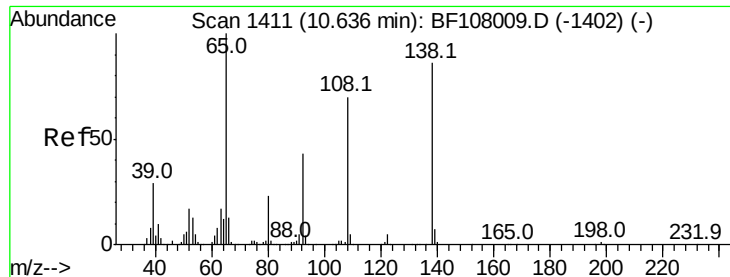
Abundance

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

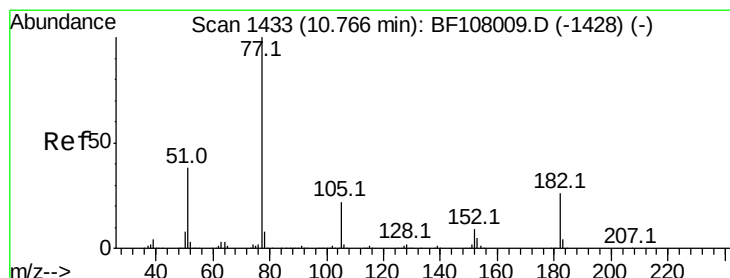
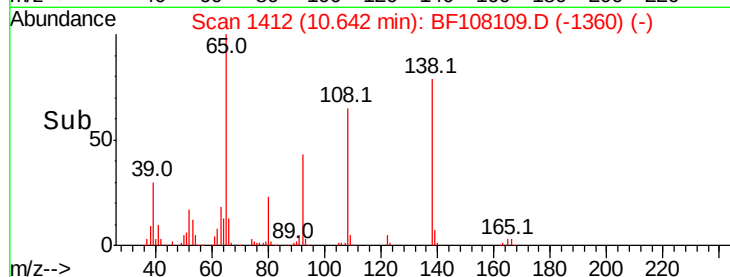
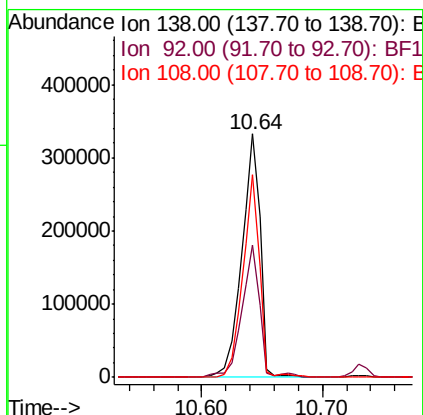
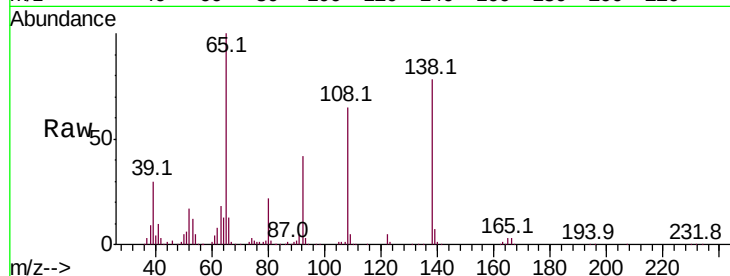




#61
4-Nitroaniline
Concen: 43.853 ng
RT: 10.64 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF108109.D
Acq: 13 Aug 2018 11:58

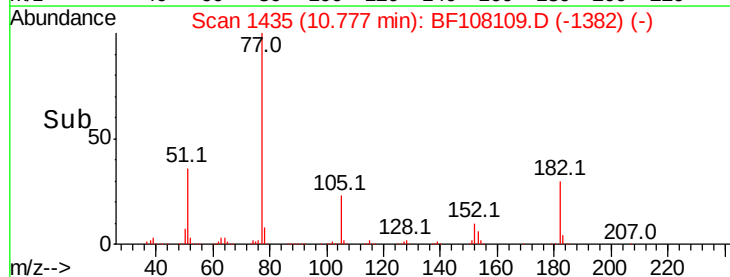
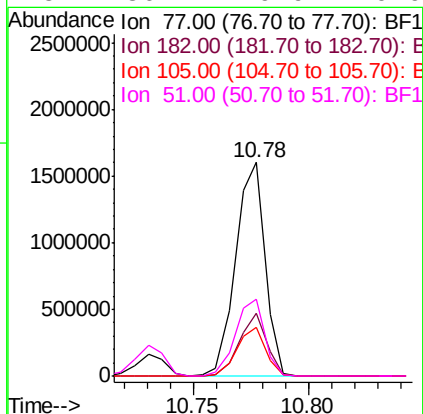
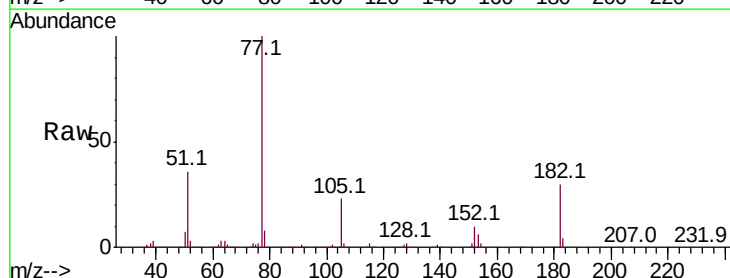
Instrument :
BNA_F
ClientSampled :

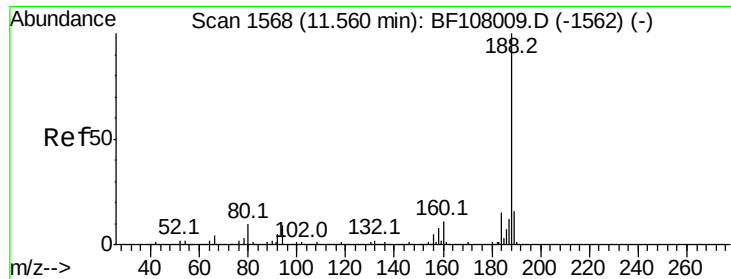
Tot Ion:138 Resp: 351911
Ion Ratio Lower Upper
138 100
92 54.1 30.2 70.2
108 83.1 52.5 92.5



#62
Azobenzene
Concen: 40.067 ng
RT: 10.78 min Scan# 1435
Delta R.T. 0.01 min
Lab File: BF108109.D
Acq: 13 Aug 2018 11:58

Tgt Ion: 77 Resp: 1420704
Ion Ratio Lower Upper
77 100
182 29.6 1.7 41.7
105 23.0 3.0 43.0
51 36.1 9.9 49.9

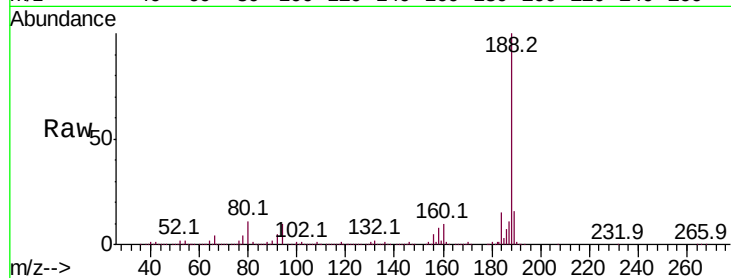




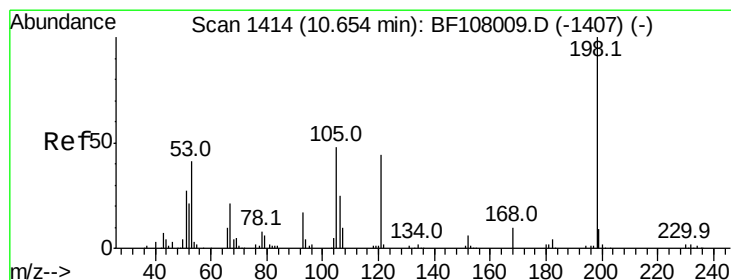
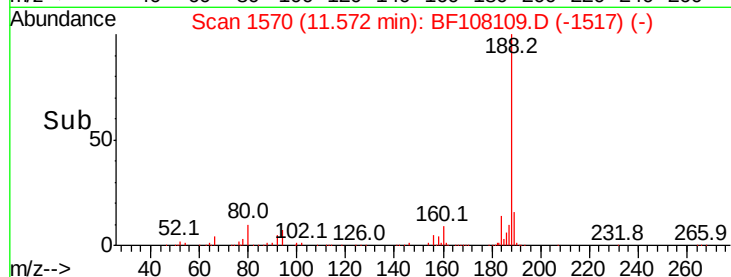
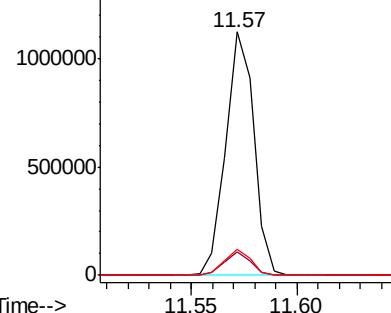
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.57 min Scan# 1570
Delta R.T. 0.01 min
Lab File: BF108109.D
Acq: 13 Aug 2018 11:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 1033411
Ion Ratio Lower Upper
188 100
94 9.8 8.5 12.7
80 10.7 9.2 13.8

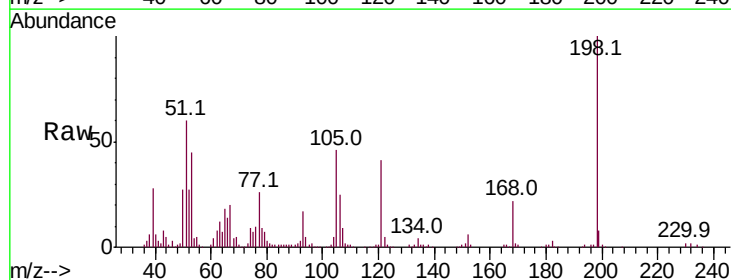


Abundance Ion 188.00 (187.70 to 188.70): E
1500000
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

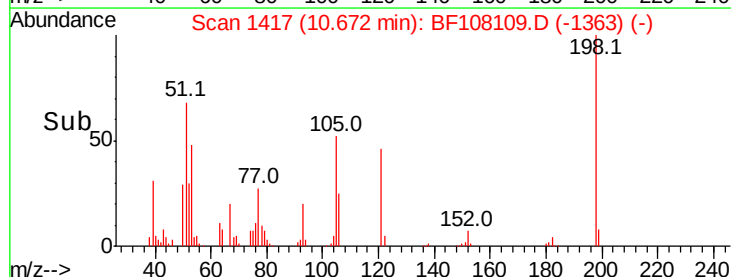
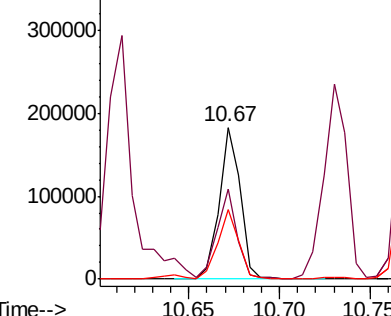


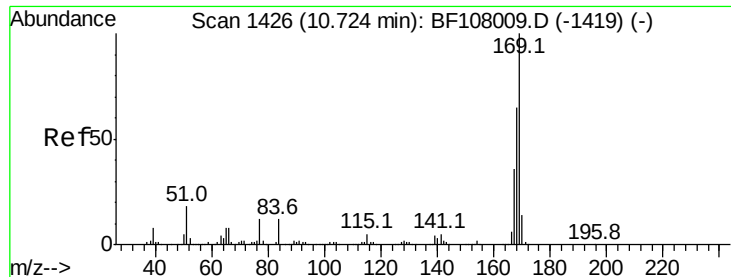
#64
4,6-Dinitro-2-methylphenol
Concen: 39.564 ng
RT: 10.67 min Scan# 1417
Delta R.T. 0.02 min
Lab File: BF108109.D
Acq: 13 Aug 2018 11:58

Tgt Ion:198 Resp: 149388
Ion Ratio Lower Upper
198 100
51 59.6 37.7 77.7
105 46.0 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E
400000
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

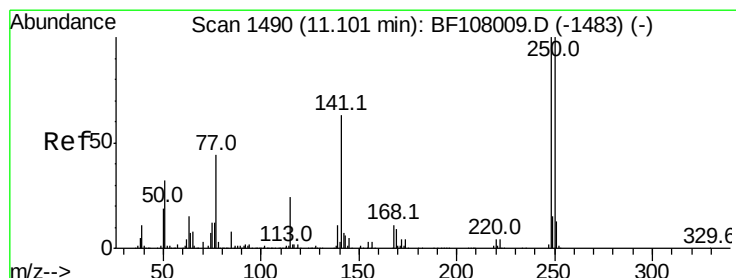
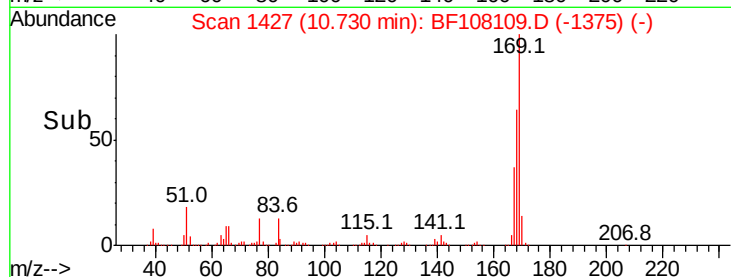
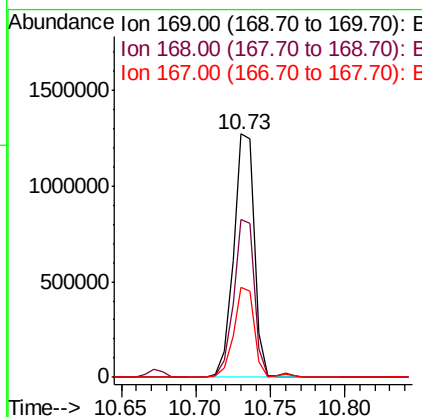
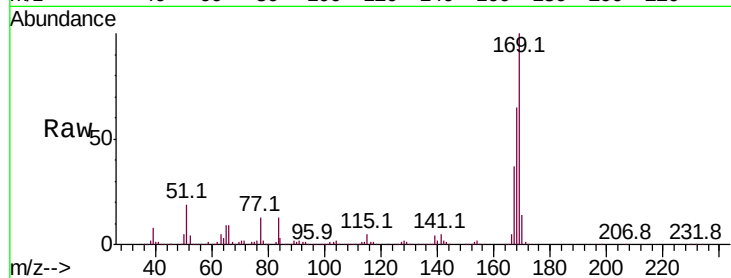




#65
n-Nitrosodiphenylamine
Concen: 40.740 ng
RT: 10.73 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF108109.D
Acq: 13 Aug 2018 11:58

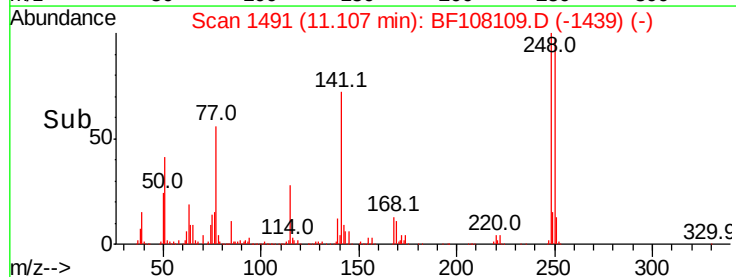
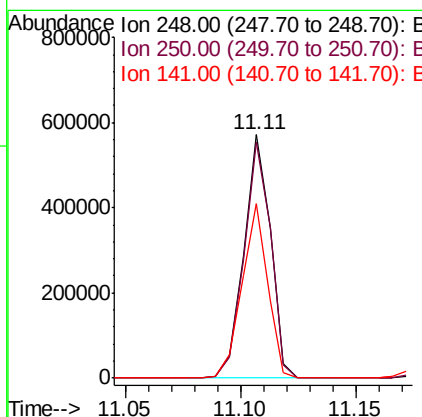
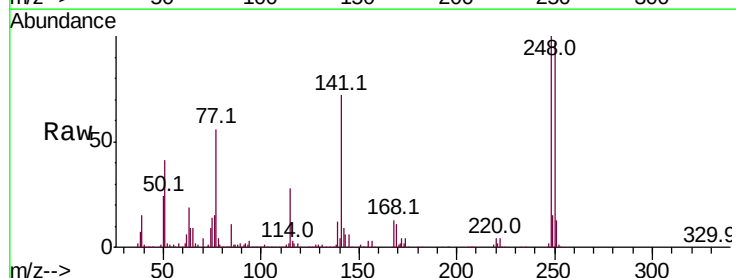
Instrument :
BNA_F
ClientSampleId :

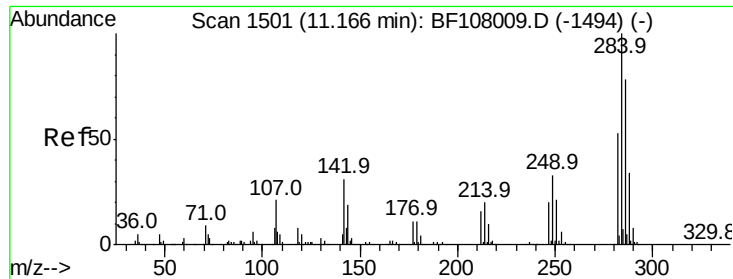
Tot Ion:169 Resp: 1244142
Ion Ratio Lower Upper
169 100
168 64.7 54.4 81.6
167 36.8 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 40.917 ng
RT: 11.11 min Scan# 1491
Delta R.T. 0.01 min
Lab File: BF108109.D
Acq: 13 Aug 2018 11:58

Tgt Ion:248 Resp: 459517
Ion Ratio Lower Upper
248 100
250 96.8 76.9 115.3
141 71.7 74.4 111.6#

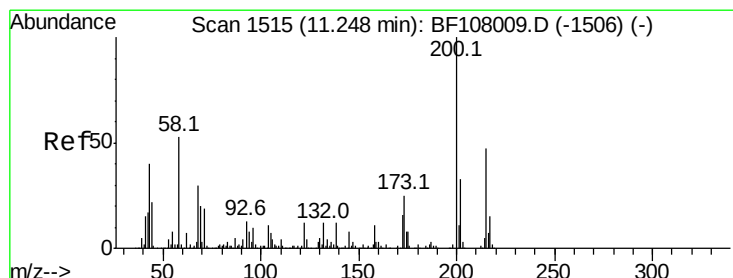
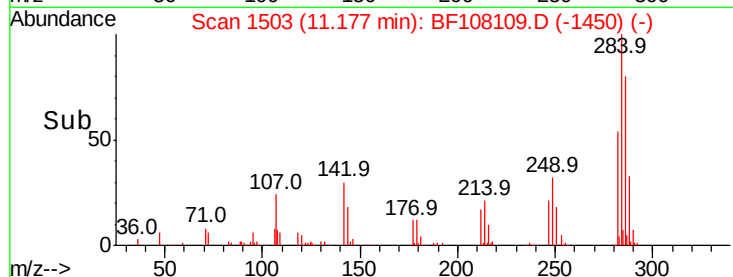
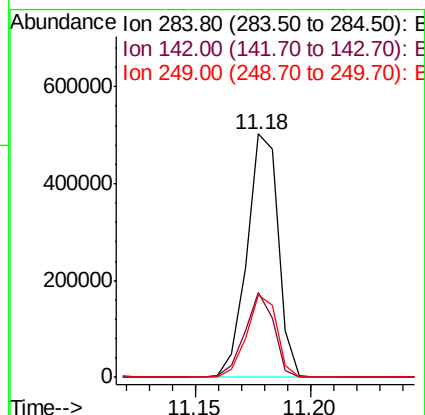
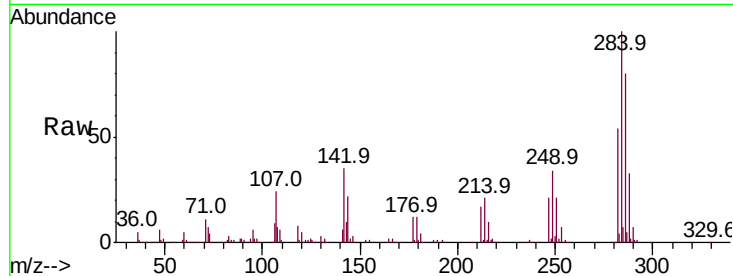




#67
Hexachlorobenzene
Concen: 40.252 ng
RT: 11.18 min Scan# 1503
Delta R.T. 0.01 min
Lab File: BF108109.D
Acq: 13 Aug 2018 11:58

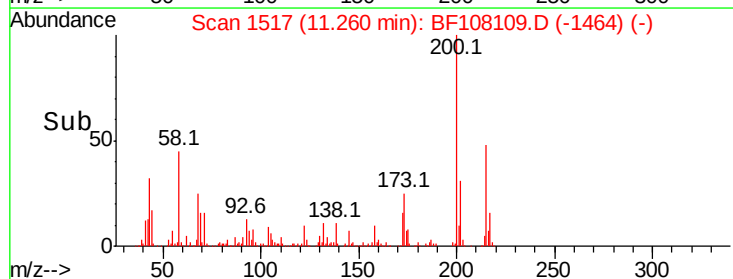
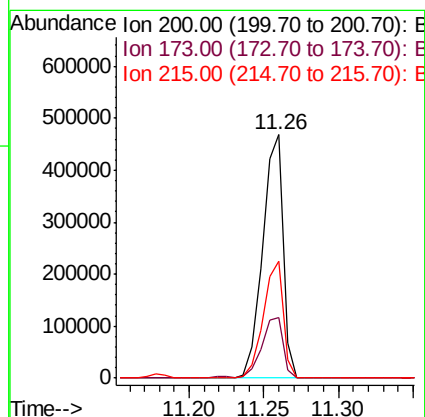
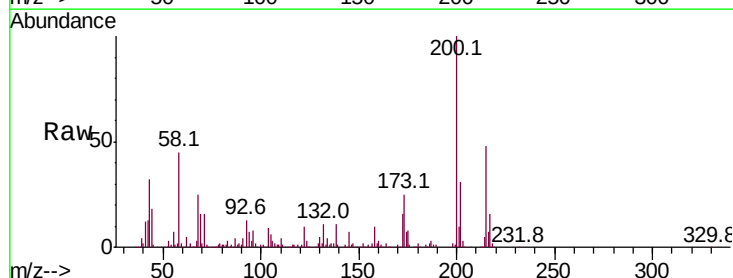
Instrument :
BNA_F
ClientSampleId :

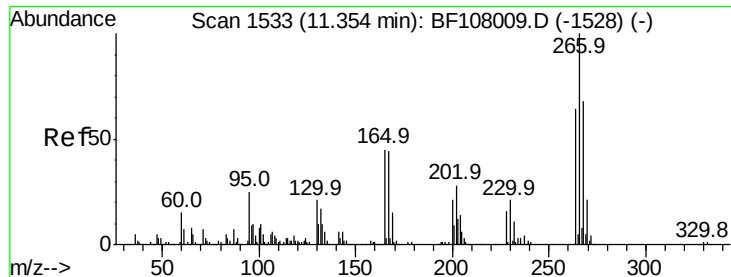
Tot Ion	Ratio	Lower	Upper
284	100		
142	35.0	34.6	52.0
249	33.7	24.8	37.2



#68
Atrazine
Concen: 42.721 ng
RT: 11.26 min Scan# 1517
Delta R.T. 0.01 min
Lab File: BF108109.D
Acq: 13 Aug 2018 11:58

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.1	8.6	48.6
215	48.0	25.1	65.1

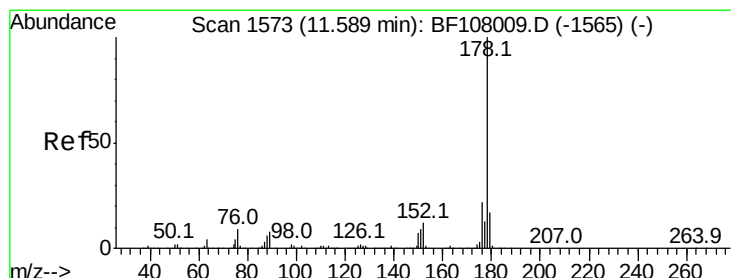
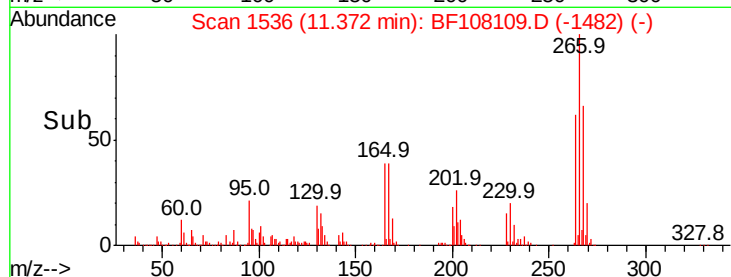
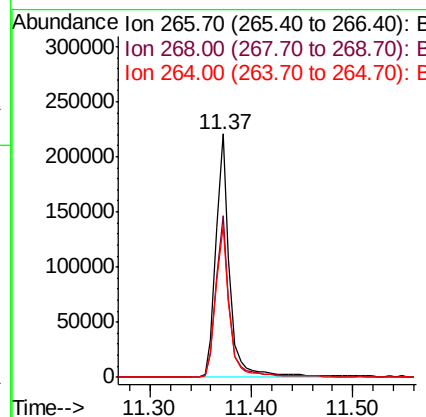
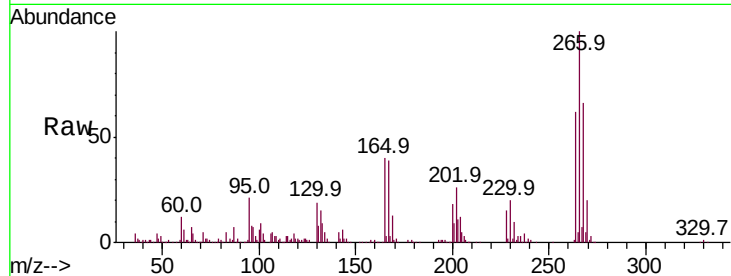




#69
 Pentachlorophenol
 Concen: 37.390 ng
 RT: 11.37 min Scan# 1536
 Delta R.T. 0.02 min
 Lab File: BF108109.D
 Acq: 13 Aug 2018 11:58

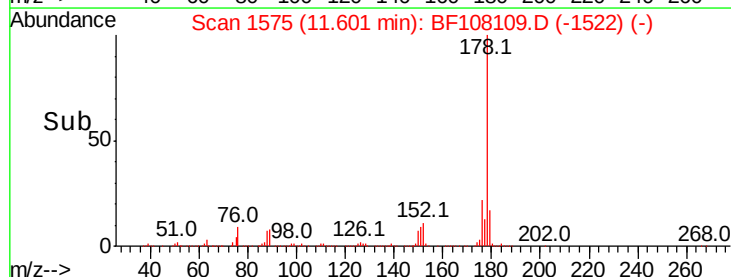
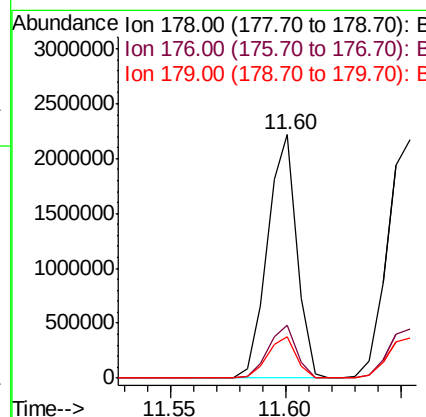
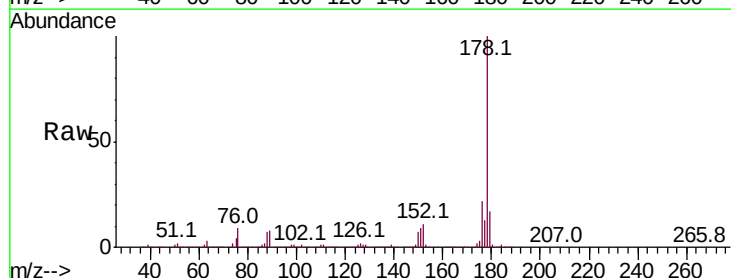
Instrument :
 BNA_F
 ClientSampled :

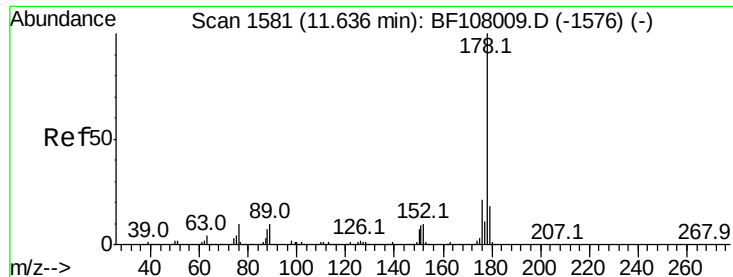
Tot Ion	Ratio	Lower	Upper
266	100		
268	66.4	51.1	76.7
264	62.3	49.5	74.3



#70
 Phenanthrene
 Concen: 40.068 ng
 RT: 11.60 min Scan# 1575
 Delta R.T. 0.01 min
 Lab File: BF108109.D
 Acq: 13 Aug 2018 11:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.7	15.8	23.8
179	17.1	13.0	19.6

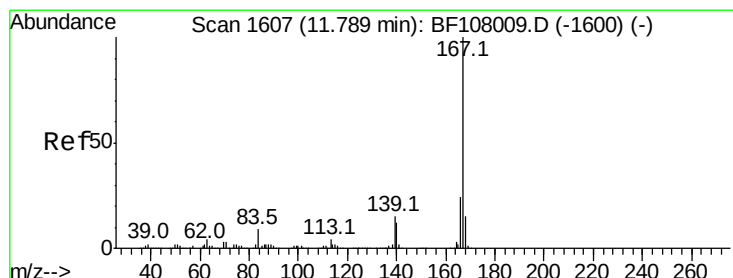
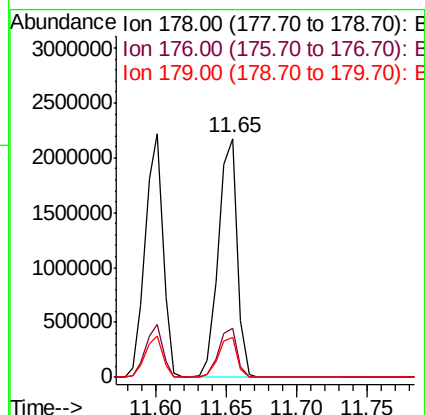
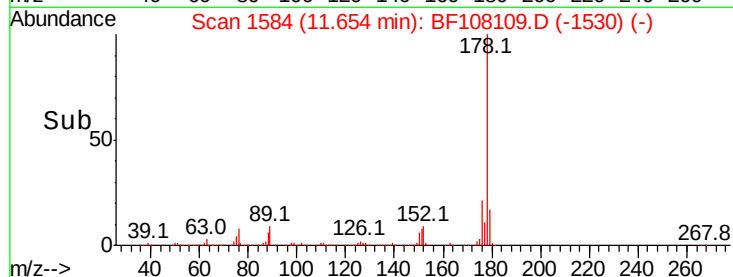
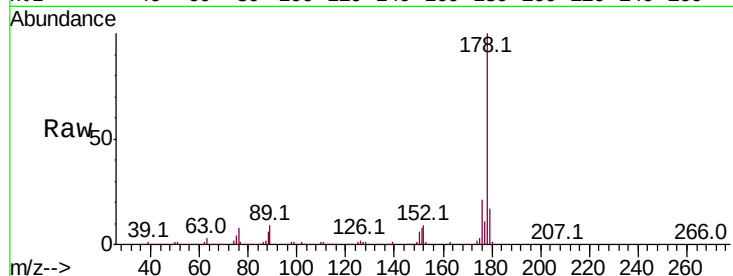




#71
 Anthracene
 Concen: 40.270 ng
 RT: 11.65 min Scan# 1584
 Delta R.T. 0.02 min
 Lab File: BF108109.D
 Acq: 13 Aug 2018 11:58

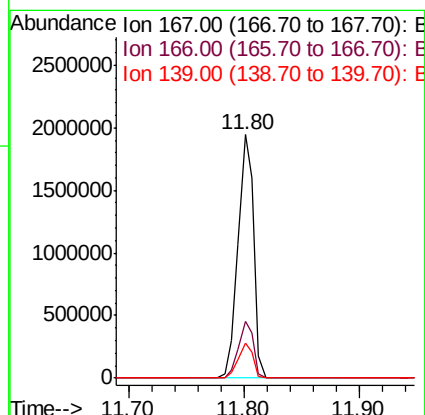
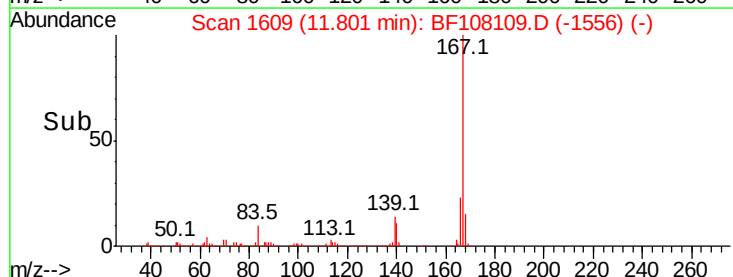
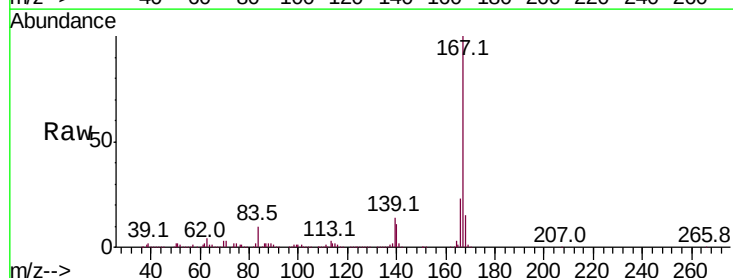
Instrument :
 BNA_F
 ClientSampled :

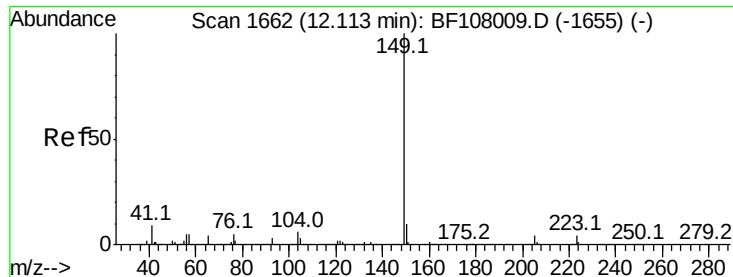
Tot Ion:178 Resp: 2011790
 Ion Ratio Lower Upper
 178 100
 176 20.6 15.4 23.2
 179 16.9 12.6 19.0



#72
 Carbazole
 Concen: 40.971 ng
 RT: 11.80 min Scan# 1609
 Delta R.T. 0.01 min
 Lab File: BF108109.D
 Acq: 13 Aug 2018 11:58

Tgt Ion:167 Resp: 1818523
 Ion Ratio Lower Upper
 167 100
 166 23.5 17.6 26.4
 139 14.3 10.9 16.3

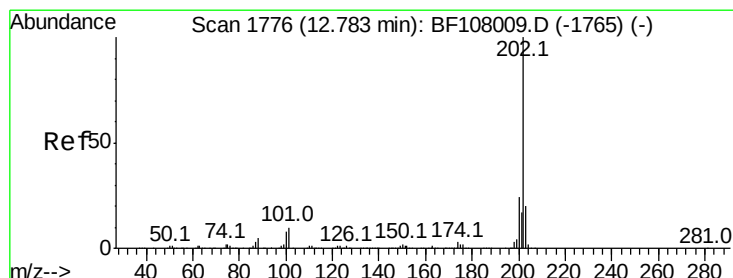
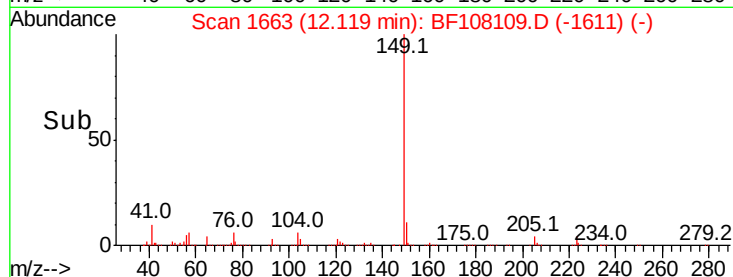
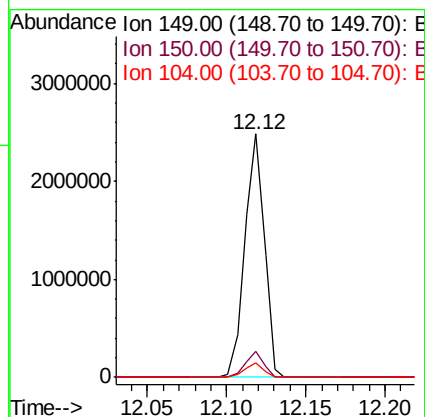
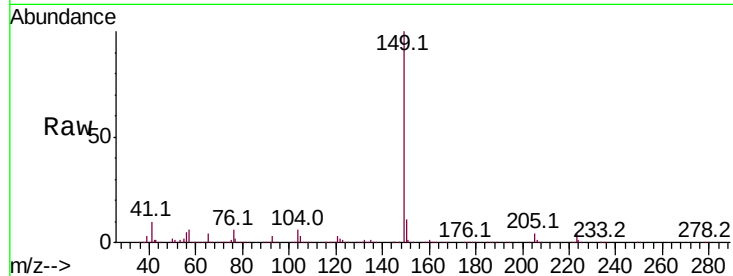




#73
Di-n-butylphthalate
Concen: 41.923 ng
RT: 12.12 min Scan# 1663
Delta R.T. 0.01 min
Lab File: BF108109.D
Acq: 13 Aug 2018 11:58

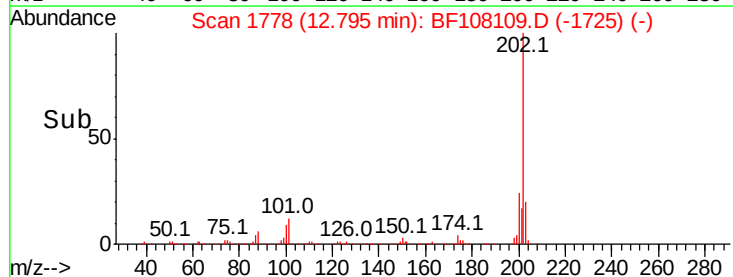
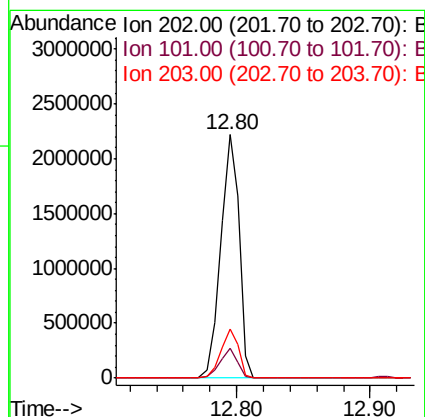
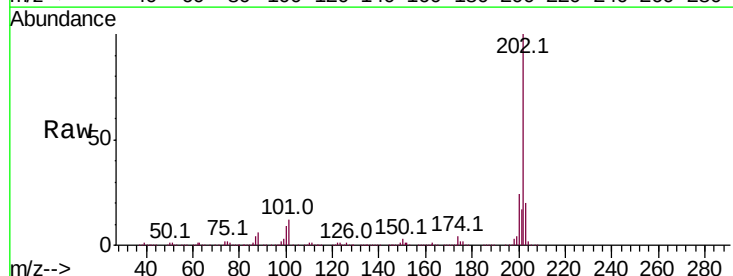
Instrument :
BNA_F
ClientSampleId :

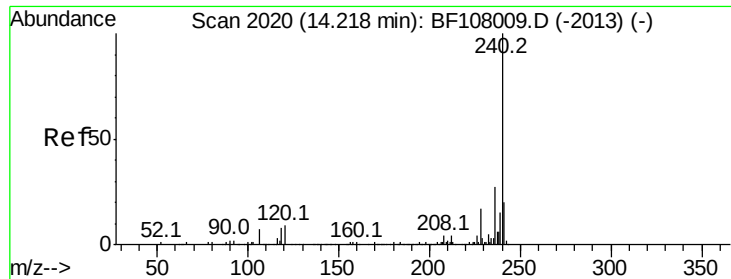
Tot Ion:149 Resp: 2107688
Ion Ratio Lower Upper
149 100
150 10.7 7.8 11.6
104 5.8 3.8 5.8#



#74
Fluoranthene
Concen: 40.650 ng
RT: 12.80 min Scan# 1778
Delta R.T. 0.01 min
Lab File: BF108109.D
Acq: 13 Aug 2018 11:58

Tgt Ion:202 Resp: 2162428
Ion Ratio Lower Upper
202 100
101 12.2 0.0 34.1
203 19.9 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.24 min Scan# 2023

Delta R.T. 0.02 min

Lab File: BF108109.D

Acq: 13 Aug 2018 11:58

Instrument :

BNA_F

ClientSampled :

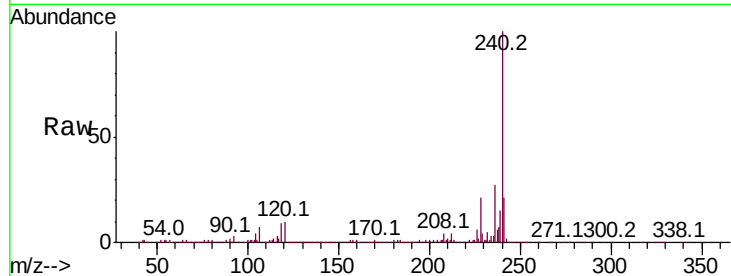
Tot Ion:240 Resp: 827637

Ion Ratio Lower Upper

240 100

120 10.1 9.5 14.3

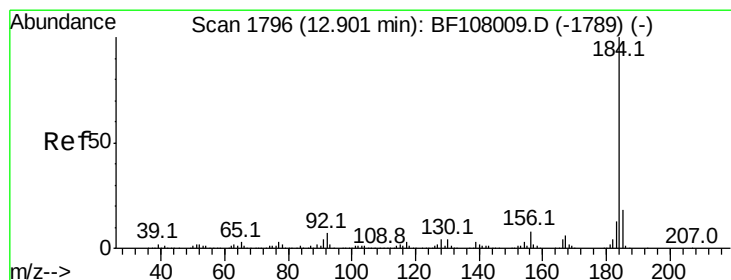
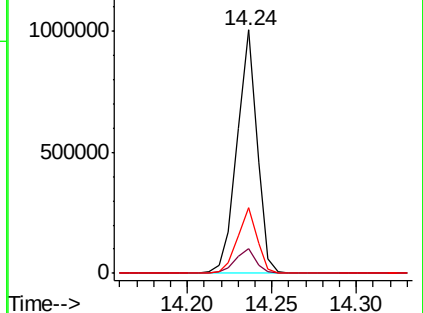
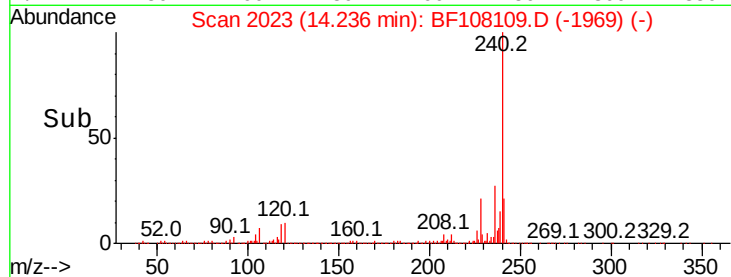
236 27.2 20.7 31.1



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: 45.000 ng

RT: 12.91 min Scan# 1798

Delta R.T. 0.01 min

Lab File: BF108109.D

Acq: 13 Aug 2018 11:58

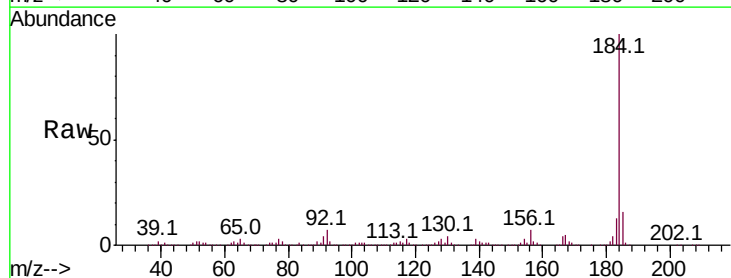
Tgt Ion:184 Resp: 1391522

Ion Ratio Lower Upper

184 100

185 15.5 12.6 18.8

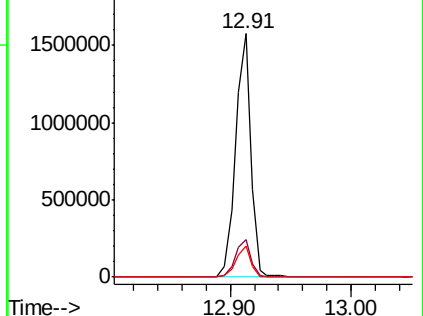
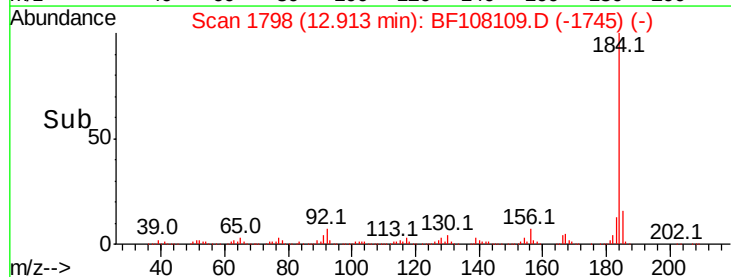
183 12.7 9.3 13.9

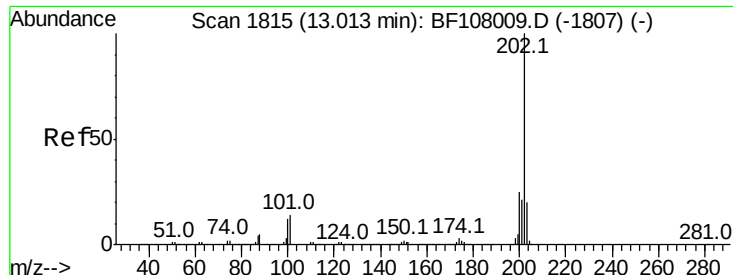


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

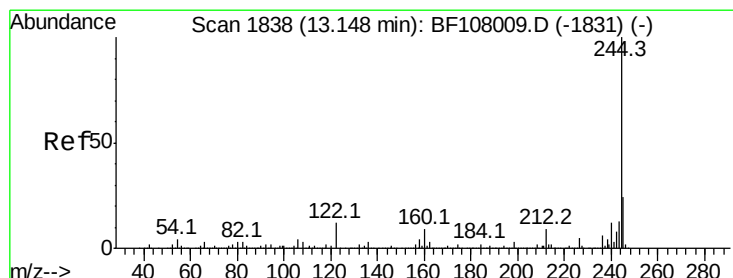
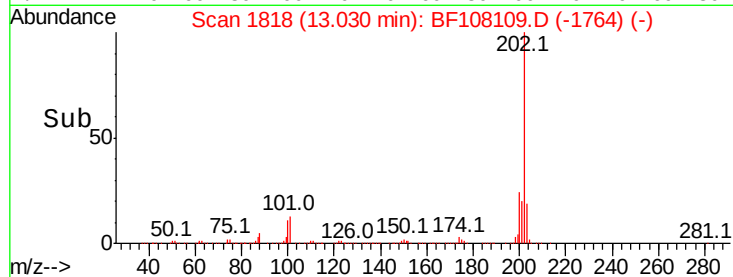
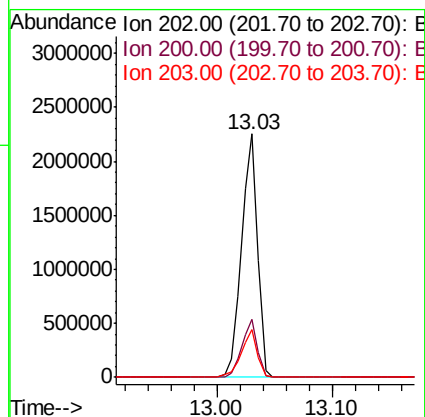
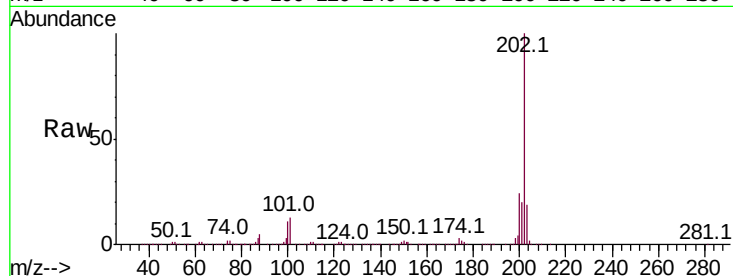




#77
Pvrene
Concen: 41.199 ng
RT: 13.03 min Scan# 1818
Delta R.T. 0.02 min
Lab File: BF108109.D
Acq: 13 Aug 2018 11:58

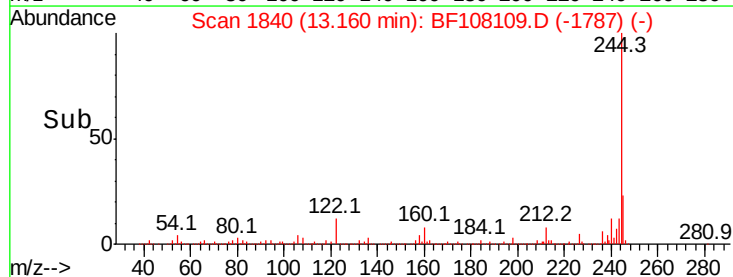
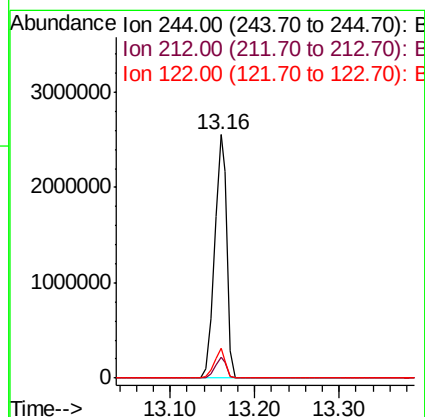
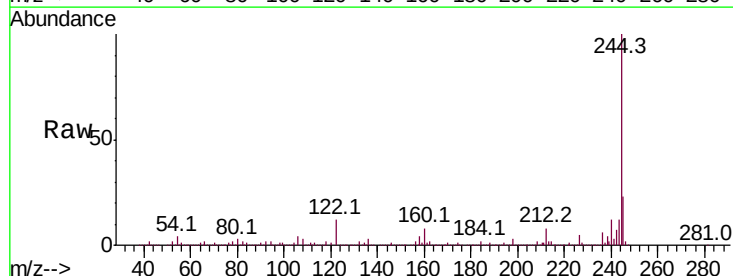
Instrument :
BNA_F
ClientSampleId :

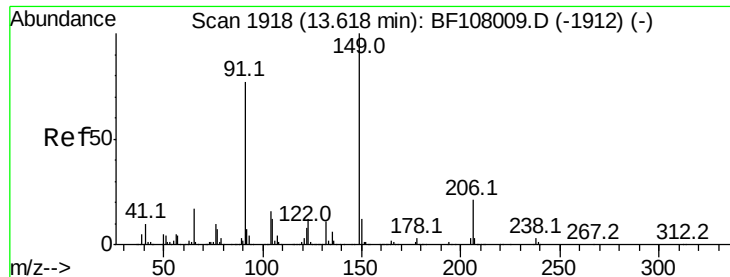
Tot Ion:202 Resp: 2158767
Ion Ratio Lower Upper
202 100
200 23.8 17.4 26.2
203 19.5 14.3 21.5



#78
Terphenyl-d14
Concen: 80.901 ng
RT: 13.16 min Scan# 1840
Delta R.T. 0.01 min
Lab File: BF108109.D
Acq: 13 Aug 2018 11:58

Tgt Ion:244 Resp: 2633431
Ion Ratio Lower Upper
244 100
212 8.4 5.4 8.0#
122 12.3 11.0 16.4

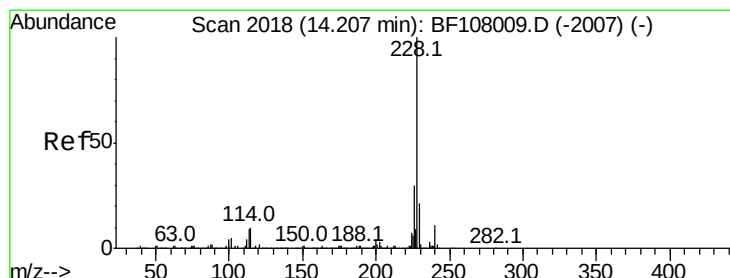
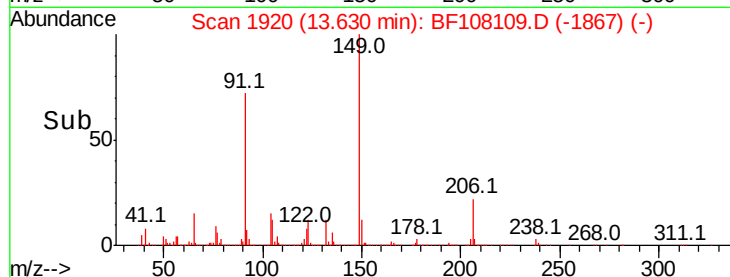
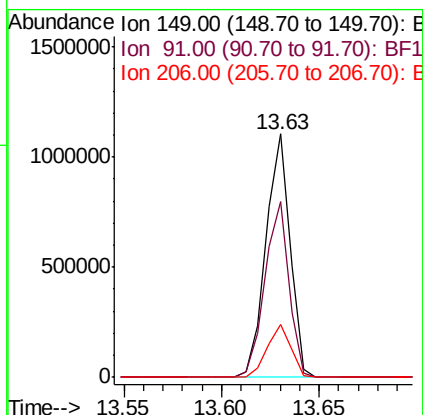
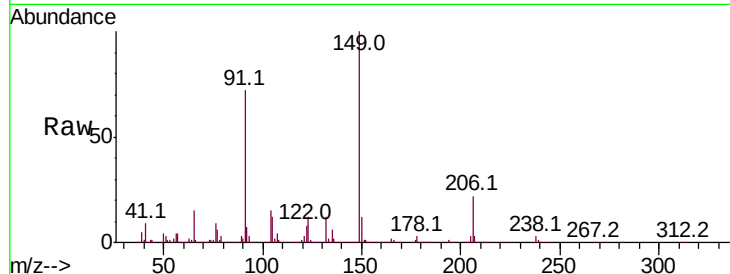




#79
Butylbenzylphthalate
Concen: 45.410 ng
RT: 13.63 min Scan# 1920
Delta R.T. 0.01 min
Lab File: BF108109.D
Acq: 13 Aug 2018 11:58

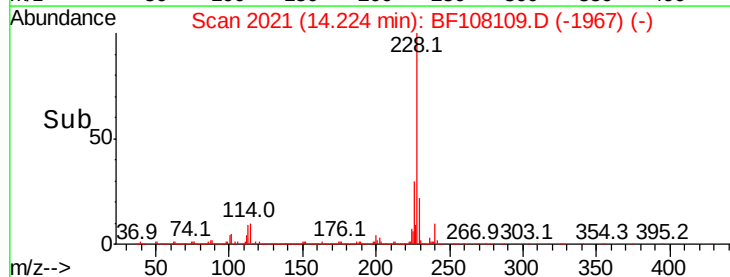
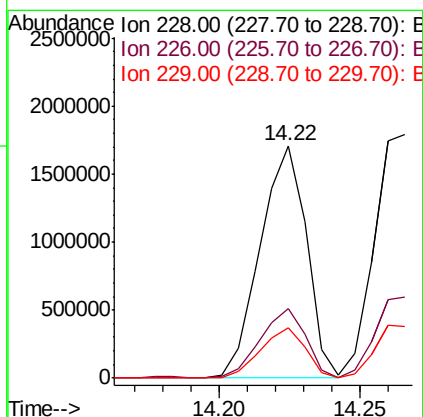
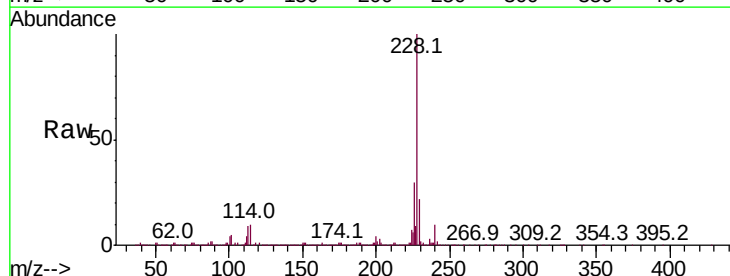
Instrument :
BNA_F
ClientSampled :

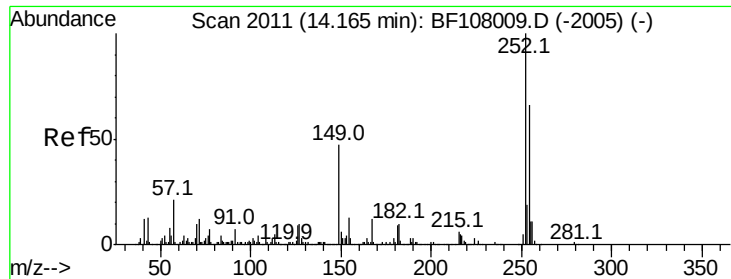
Tot Ion:149 Resp: 944814
Ion Ratio Lower Upper
149 100
91 72.0 56.8 85.2
206 21.7 14.1 21.1#



#80
Benzo(a)anthracene
Concen: 41.039 ng
RT: 14.22 min Scan# 2021
Delta R.T. 0.02 min
Lab File: BF108109.D
Acq: 13 Aug 2018 11:58

Tgt Ion:228 Resp: 1949266
Ion Ratio Lower Upper
228 100
226 29.7 22.6 33.8
229 21.6 15.8 23.6

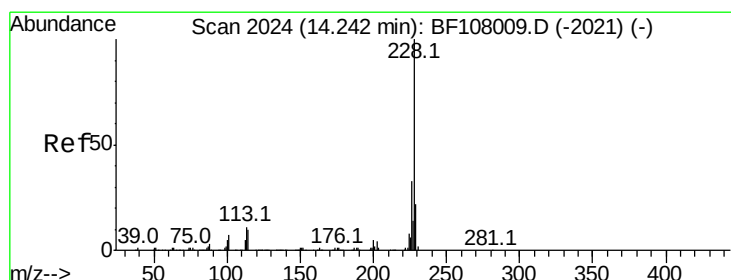
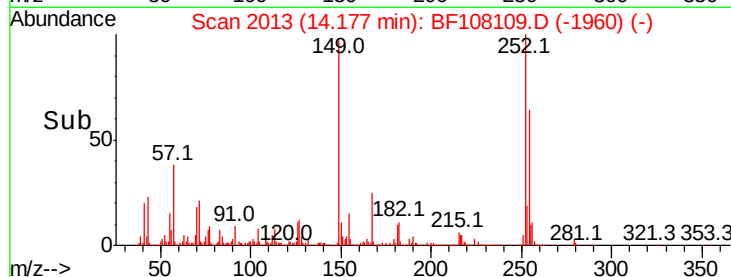
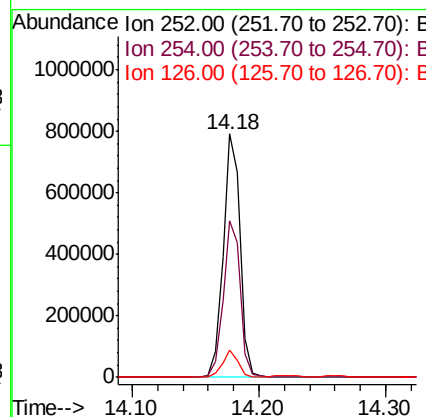
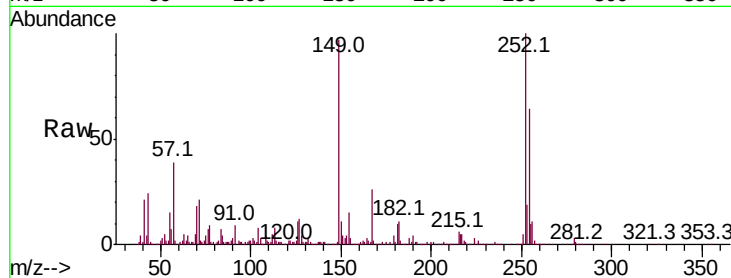




#81
 3,3'-Dichlorobenzidine
 Concen: 43.528 ng
 RT: 14.18 min Scan# 2013
 Delta R.T. 0.01 min
 Lab File: BF108109.D
 Acq: 13 Aug 2018 11:58

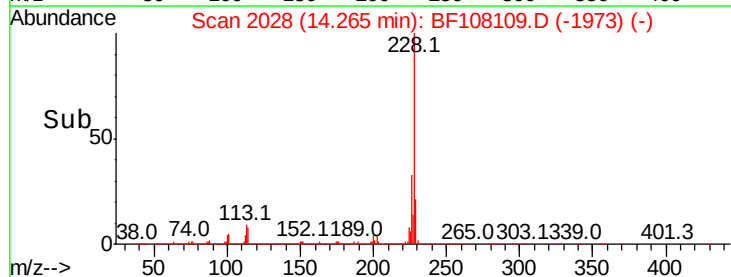
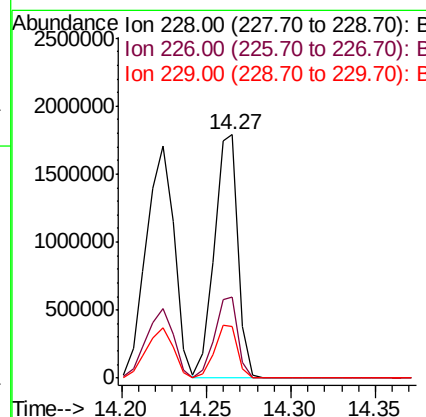
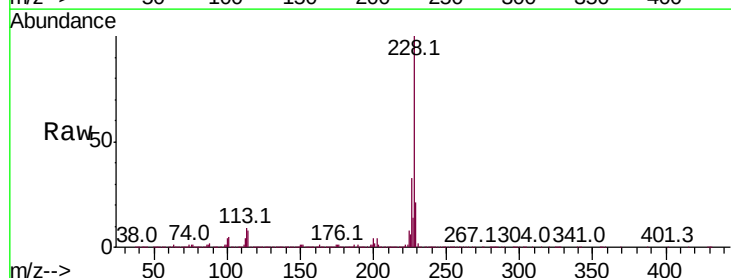
Instrument :
 BNA_F
 ClientSampleId :

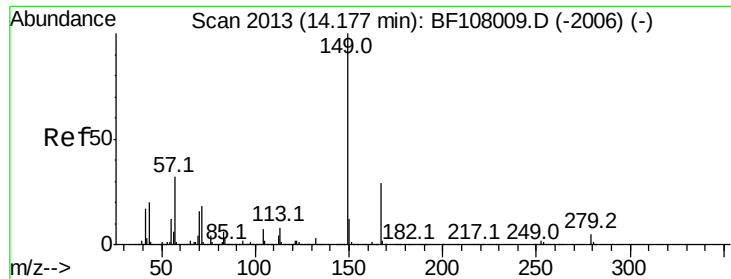
Tot Ion:252 Resp: 740927
 Ion Ratio Lower Upper
 252 100
 254 64.3 50.4 75.6
 126 11.4 11.3 16.9



#82
 Chrysene
 Concen: 40.251 ng
 RT: 14.27 min Scan# 2028
 Delta R.T. 0.02 min
 Lab File: BF108109.D
 Acq: 13 Aug 2018 11:58

Tgt Ion:228 Resp: 1752770
 Ion Ratio Lower Upper
 228 100
 226 33.1 25.0 37.6
 229 21.2 16.2 24.4

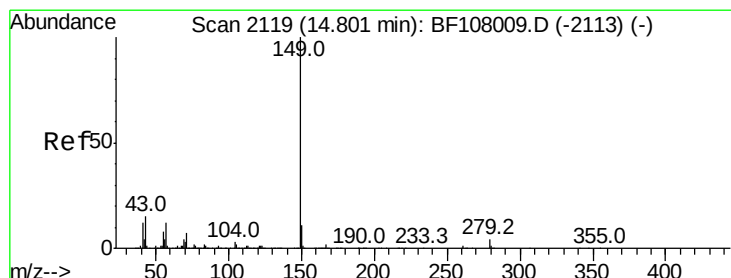
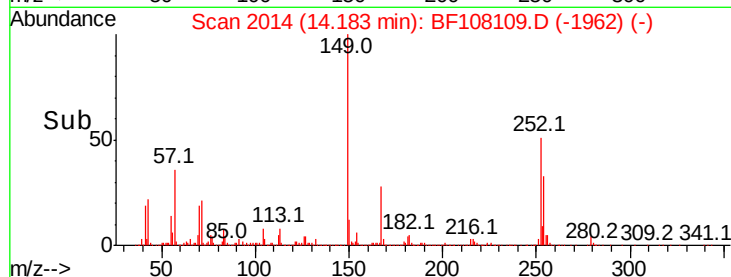
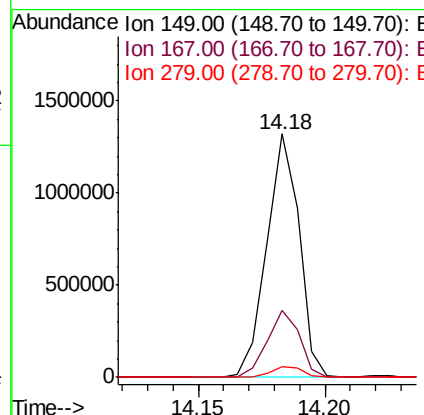
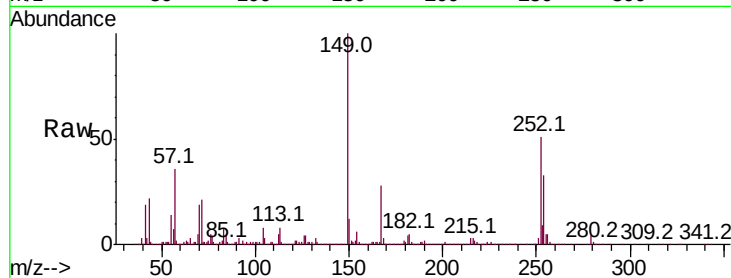




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.061 ng
 RT: 14.18 min Scan# 2014
 Delta R.T. 0.01 min
 Lab File: BF108109.D
 Acq: 13 Aug 2018 11:58

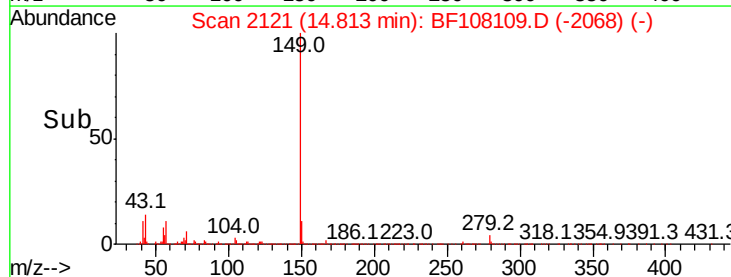
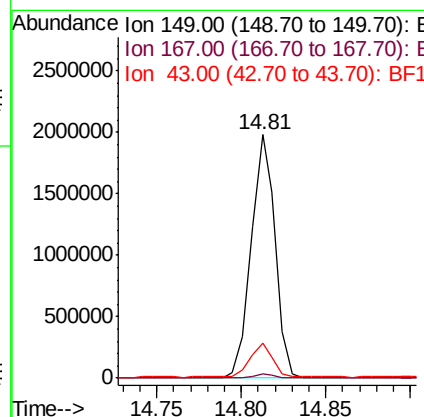
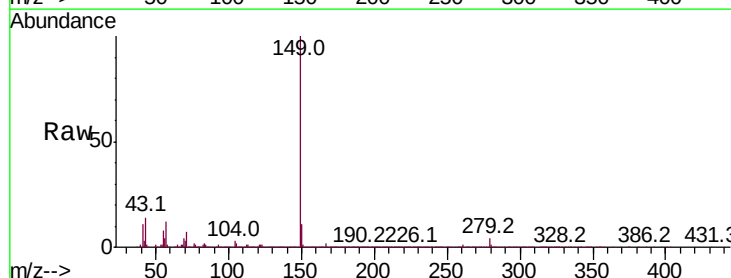
Instrument :
 BNA_F
 ClientSampled :

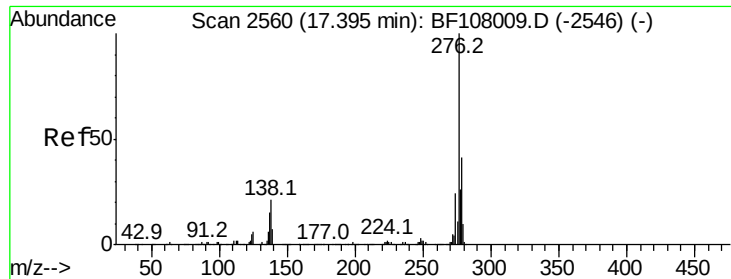
Tot Ion:149 Resp: 1185088
 Ion Ratio Lower Upper
 149 100
 167 27.7 21.3 31.9
 279 4.2 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 45.371 ng
 RT: 14.81 min Scan# 2121
 Delta R.T. 0.01 min
 Lab File: BF108109.D
 Acq: 13 Aug 2018 11:58

Tgt Ion:149 Resp: 1949616
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 13.5 8.4 12.6#





#85

Indeno(1,2,3-cd)pyrene

Concen: 39.294 ng

RT: 17.45 min Scan# 2569

Delta R.T. 0.05 min

Lab File: BF108109.D

Acq: 13 Aug 2018 11:58

Instrument :

BNA_F

ClientSampleId :

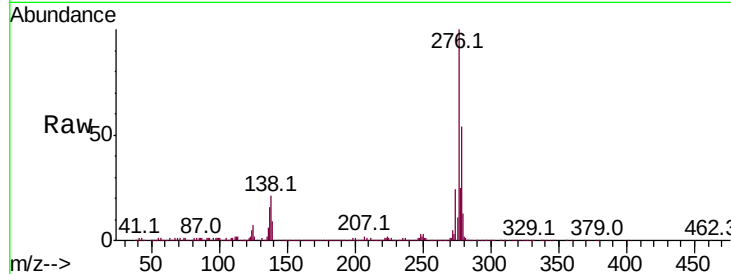
Tot Ion:276 Resp: 1482584

Ion Ratio Lower Upper

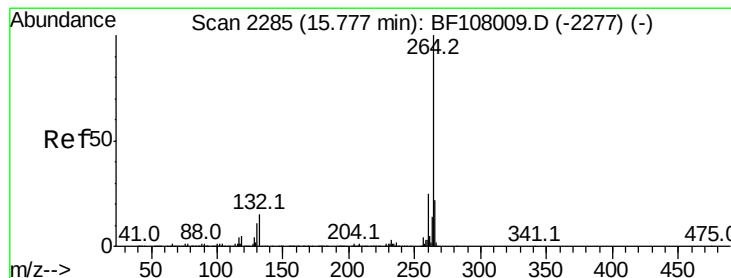
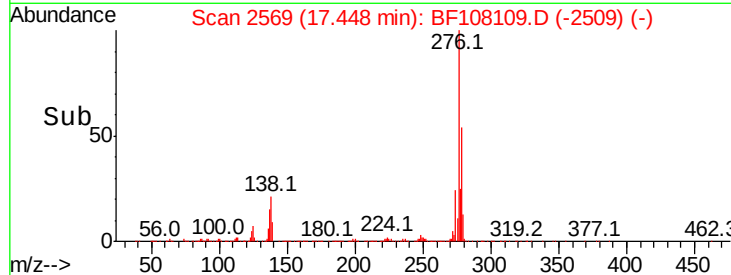
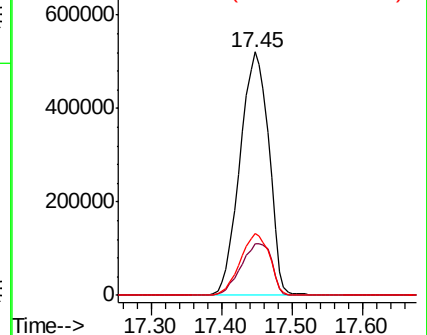
276 100

138 22.7 25.0 37.6#

277 25.6 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: 15.81 min Scan# 2290

Delta R.T. 0.03 min

Lab File: BF108109.D

Acq: 13 Aug 2018 11:58

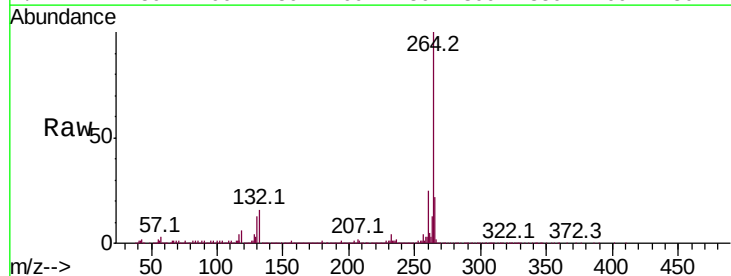
Tgt Ion:264 Resp: 734401

Ion Ratio Lower Upper

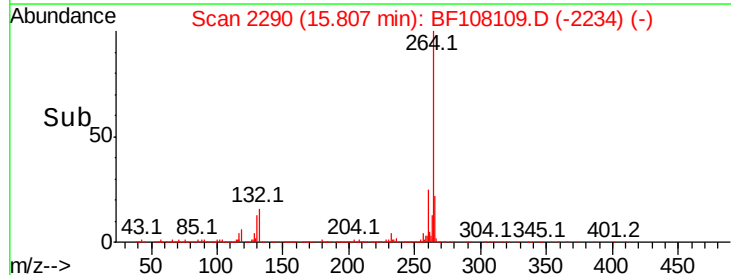
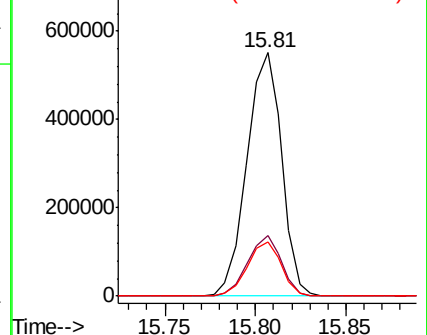
264 100

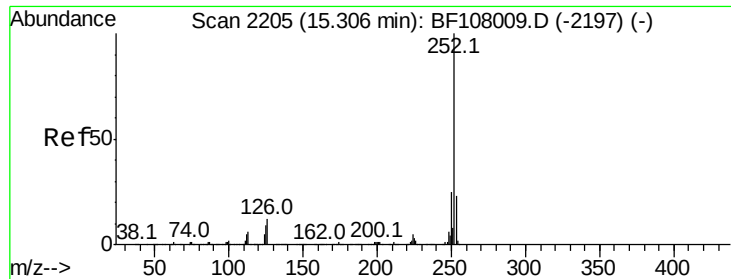
260 25.1 19.2 28.8

265 22.1 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 36.895 ng

RT: 15.37 min Scan# 2215

Delta R.T. 0.06 min

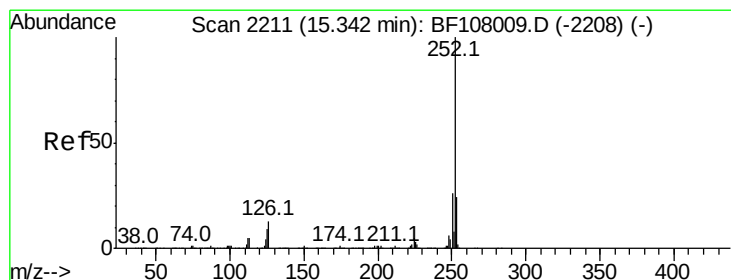
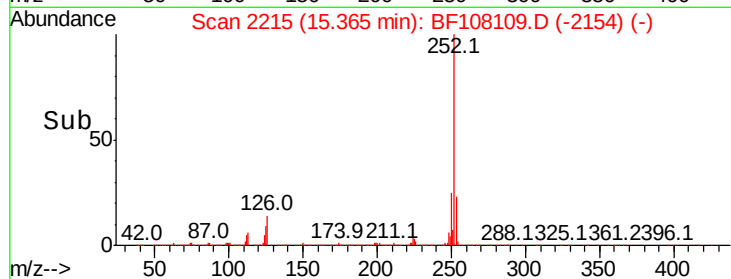
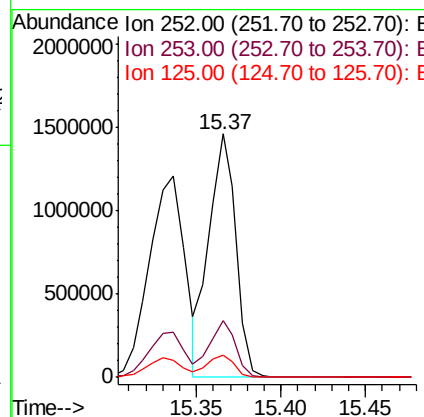
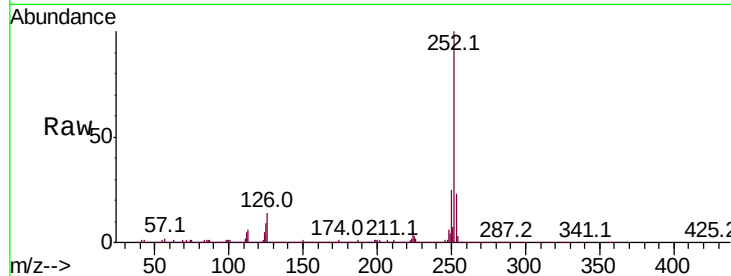
Lab File: BF108109.D

Acq: 13 Aug 2018 11:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1619098

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.0	25.6
125	9.3	9.0	13.6



#88

Benzo(k)fluoranthene

Concen: 40.137 ng

RT: 15.37 min Scan# 2215

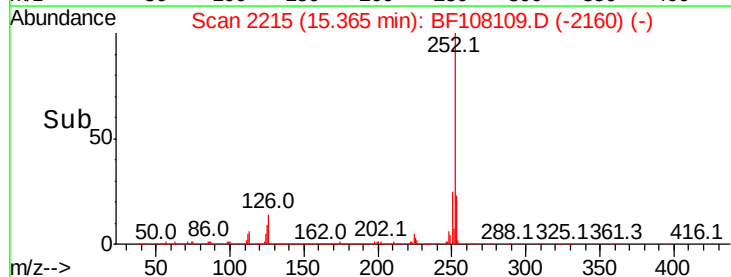
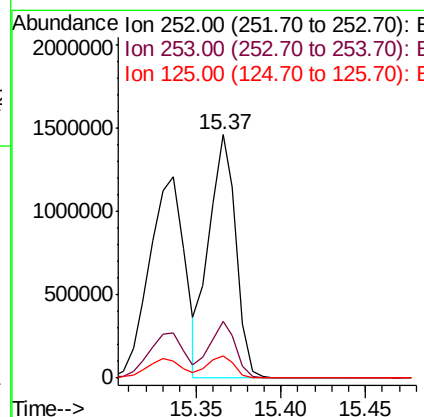
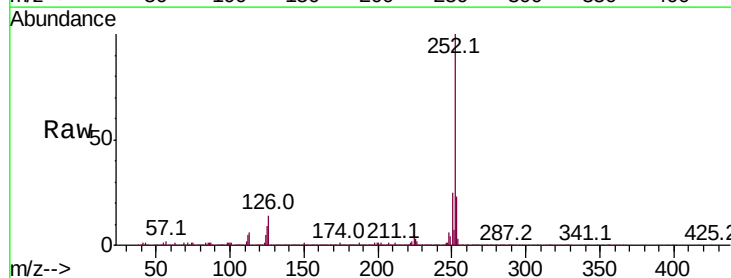
Delta R.T. 0.02 min

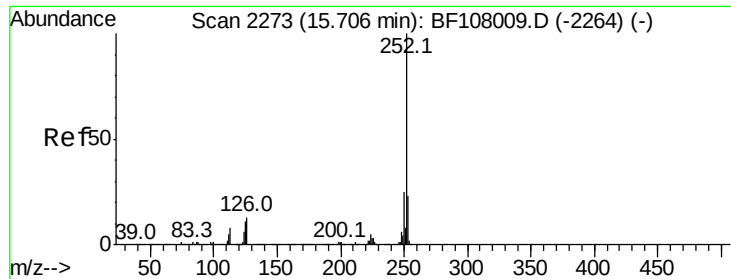
Lab File: BF108109.D

Acq: 13 Aug 2018 11:58

Tgt Ion:252 Resp: 1619098

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	9.3	10.2	15.2#





#89

Benzo(a)pyrene

Concen: 40.391 ng

RT: 15.74 min Scan# 2279

Delta R.T. 0.04 min

Lab File: BF108109.D

Acq: 13 Aug 2018 11:58

Instrument :

BNA_F

ClientSampleId :

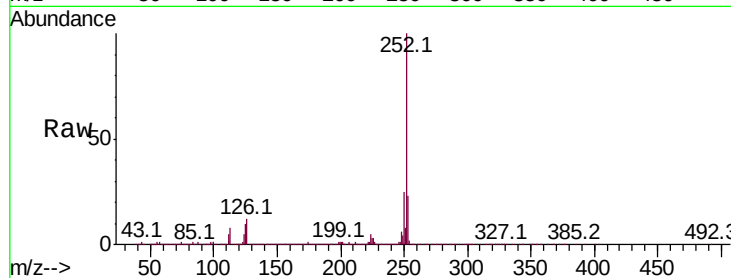
Tot Ion:252 Resp: 1587219

Ion Ratio Lower Upper

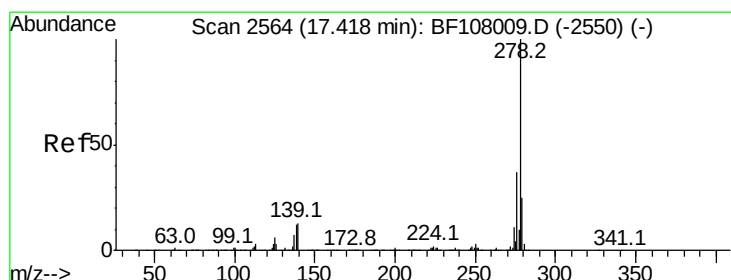
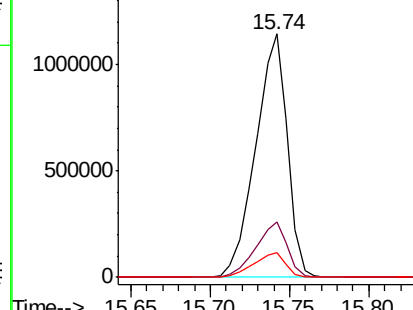
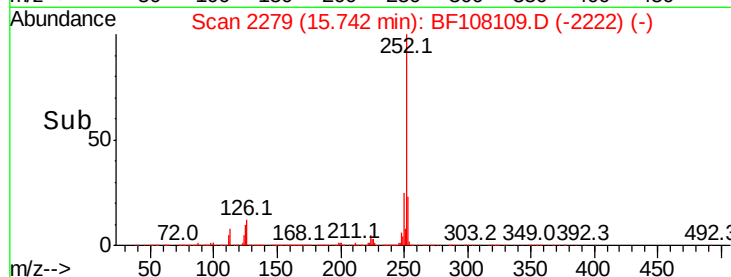
252 100

253 22.8 17.1 25.7

125 10.1 9.8 14.6



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



#90

Dibenzo(a,h)anthracene

Concen: 38.628 ng

RT: 17.47 min Scan# 2572

Delta R.T. 0.05 min

Lab File: BF108109.D

Acq: 13 Aug 2018 11:58

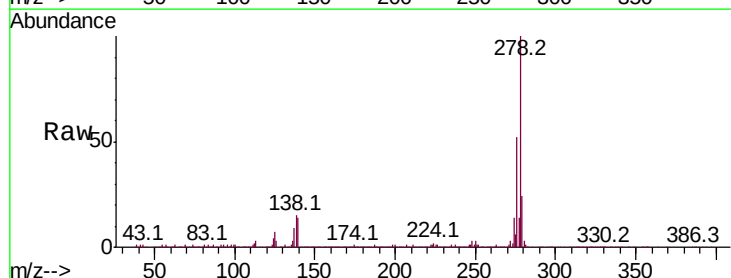
Tgt Ion:278 Resp: 1255964

Ion Ratio Lower Upper

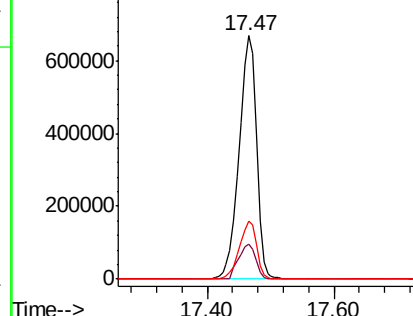
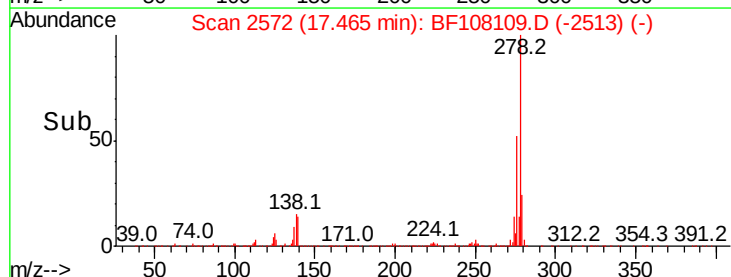
278 100

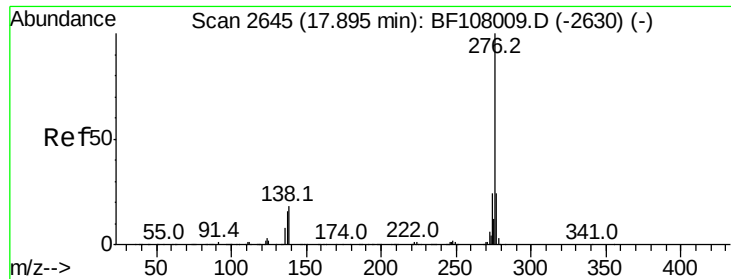
139 14.4 15.9 23.9#

279 23.8 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: 37.137 ng
 RT: 17.95 min Scan# 2655
 Delta R.T. 0.06 min
 Lab File: BF108109.D
 Acq: 13 Aug 2018 11:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1188988
 Ion Ratio Lower Upper
 276 100
 277 24.2 17.9 26.9
 138 19.5 21.8 32.8#

