

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081318\
 Data File : BF108110.D
 Acq On : 13 Aug 2018 12:26
 Operator : JU/SJ
 Sample : PB111926BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 13 13:44:33 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	222005	20.00	ng	0.00
21) Naphthalene-d8	8.31	136	782898	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	392295	20.00	ng	0.00
63) Phenanthrene-d10	11.57	188	793071	20.00	ng	0.01
75) Chrysene-d12	14.24	240	658184	20.00	ng	0.02
86) Perylene-d12	15.81	264	501117	20.00	ng	0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	1454051	118.58	ng	0.03
7) Phenol-d6	6.64	99	1924238	118.09	ng	0.01
23) Nitrobenzene-d5	7.58	82	1263629	90.07	ng	0.00
41) 2,4,6-Tribromophenol	10.87	330	547321	139.87	ng	0.01
44) 2-Fluorobiphenyl	9.38	172	2299720	94.12	ng	0.00
78) Terphenyl-d14	13.16	244	2651187	102.42	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.04	88	289327	45.919	ng	# 88
3) Pyridine	3.78	79	766197	47.206	ng	85
4) n-Nitrosodimethylamine	3.74	42	417128	45.672	ng	84
6) Aniline	6.68	93	719626	32.467	ng	96
8) 2-Chlorophenol	6.81	128	599804	43.430	ng	94
9) Benzaldehyde	6.58	77	311359	24.645	ng	98
10) Phenol	6.65	94	715652	42.458	ng	89
11) bis(2-Chloroethyl)ether	6.75	93	594399	43.620	ng	91
12) 1,3-Dichlorobenzene	6.97	146	747327	46.799	ng	99
13) 1,4-Dichlorobenzene	7.04	146	747468	46.588	ng	97
14) 1,2-Dichlorobenzene	7.20	146	689852	46.225	ng	97
15) Benzyl Alcohol	7.15	79	578810	42.194	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.29	45	1159184	41.293	ng	96
17) 2-Methylphenol	7.26	107	504225	42.574	ng	95
18) Hexachloroethane	7.54	117	268453	46.998	ng	92
19) n-Nitroso-di-n-propylamine	7.42	70	449766	40.816	ng	# 88
20) 3+4-Methylphenols	7.41	107	641772	42.285	ng	93
22) Acetophenone	7.43	105	863916	47.193	ng	95
24) Nitrobenzene	7.60	77	672605	47.409	ng	94
25) Isophorone	7.84	82	1222862	45.728	ng	97
26) 2-Nitrophenol	7.92	139	261065	48.726	ng	92
27) 2,4-Dimethylphenol	7.94	122	554863	46.750	ng	96
28) bis(2-Chloroethoxy)methane	8.04	93	725556	46.476	ng	99
29) 2,4-Dichlorophenol	8.16	162	524131	47.987	ng	95
30) 1,2,4-Trichlorobenzene	8.24	180	579680	48.137	ng	97
31) Naphthalene	8.33	128	1722596	48.381	ng	98
32) Benzoic acid	8.06	122	253512	38.201	ng	92
33) 4-Chloroaniline	8.37	127	485978	31.321	ng	99
34) Hexachlorobutadiene	8.44	225	367841	48.251	ng	99
35) Caprolactam	8.74	113	102400	29.917	ng	# 82
36) 4-Chloro-3-methylphenol	8.85	107	551255	46.784	ng	99
37) 2-Methylnaphthalene	9.02	142	1189110	47.204	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.19	216	591214	49.076	ng	99
40) Hexachlorocyclopentadiene	9.17	237	692672	89.018	ng	97

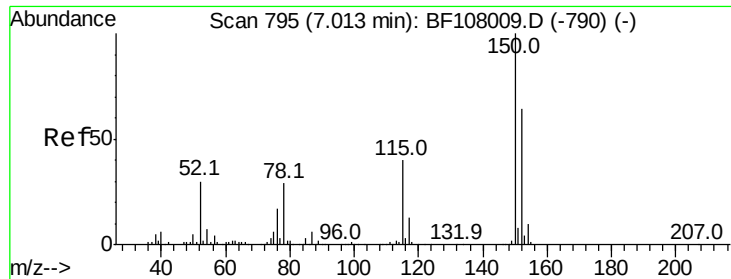
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081318\
 Data File : BF108110.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.30	196	371310	49.669	ng	99
43) 2,4,5-Trichlorophenol	9.30	196	371310	45.120	ng	95
45) 1,1'-Biphenyl	9.49	154	1415491	48.938	ng	98
46) 2-Chloronaphthalene	9.52	162	1112578	48.668	ng	97
47) 2-Nitroaniline	9.61	65	371714	50.254	ng	85
48) Acenaphthylene	9.94	152	1765965	48.864	ng	98
49) Dimethylphthalate	9.78	163	1303599	47.704	ng	# 98
50) 2,6-Dinitrotoluene	9.85	165	284163	49.703	ng	# 86
51) Acenaphthene	10.11	154	1051321	47.494	ng	98
52) 3-Nitroaniline	10.02	138	238389	38.109	ng	90
53) 2,4-Dinitrophenol	10.14	184	198035	91.453	ng	# 19
54) Dibenzofuran	10.28	168	1541649	48.071	ng	96
55) 4-Nitrophenol	10.18	139	451179	95.247	ng	# 83
56) 2,4-Dinitrotoluene	10.26	165	381842	51.886	ng	# 95
57) Fluorene	10.62	166	1231480	48.508	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.40	232	343891	49.996	ng	# 86
59) Diethylphthalate	10.48	149	1255729	47.455	ng	95
60) 4-Chlorophenyl-phenylether	10.61	204	626619	47.369	ng	91
61) 4-Nitroaniline	10.64	138	310227	50.161	ng	94
62) Azobenzene	10.78	77	1295185	47.395	ng	92
64) 4,6-Dinitro-2-methylphenol	10.67	198	138605	46.713	ng	92
65) n-Nitrosodiphenylamine	10.73	169	1119851	47.783	ng	97
66) 4-Bromophenyl-phenylether	11.11	248	412991	47.919	ng	# 87
67) Hexachlorobenzene	11.18	284	432410	47.685	ng	# 90
68) Atrazine	11.25	200	387560	49.304	ng	96
69) Pentachlorophenol	11.37	266	409645	94.380	ng	99
70) Phenanthrene	11.60	178	1802489	48.187	ng	98
71) Anthracene	11.65	178	1834270	47.844	ng	97
72) Carbazole	11.80	167	1653504	48.542	ng	98
73) Di-n-butylphthalate	12.12	149	1918295	49.719	ng	98
74) Fluoranthene	12.79	202	1984715	48.616	ng	95
76) Benzidine	12.91	184	936640	38.088	ng	99
77) Pyrene	13.03	202	1970302	47.284	ng	97
79) Butylbenzylphthalate	13.63	149	839070	50.710	ng	# 98
80) Benzo(a)anthracene	14.22	228	1778100	47.073	ng	97
81) 3,3'-Dichlorobenzidine	14.18	252	453775	33.521	ng	# 96
82) Chrysene	14.26	228	1606250	46.383	ng	96
83) Bis(2-ethylhexyl)phthalate	14.18	149	1066497	47.597	ng	98
84) Di-n-octyl phthalate	14.81	149	1690974	49.483	ng	# 95
85) Indeno(1,2,3-cd)pyrene	17.45	276	1242774	41.418	ng	# 91
87) Benzo(b)fluoranthene	15.37	252	1413519	47.206	ng	96
88) Benzo(k)fluoranthene	15.37	252	1413519	51.353	ng	# 96
89) Benzo(a)pyrene	15.74	252	1354266	50.506	ng	# 97
90) Dibenzo(a,h)anthracene	17.47	278	1042941	47.009	ng	# 94
91) Benzo(g,h,i)perylene	17.95	276	1027771	47.046	ng	# 90

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

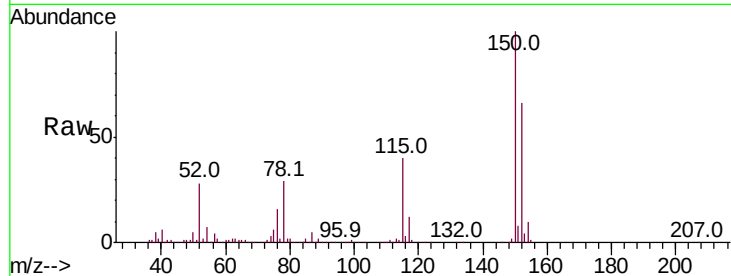


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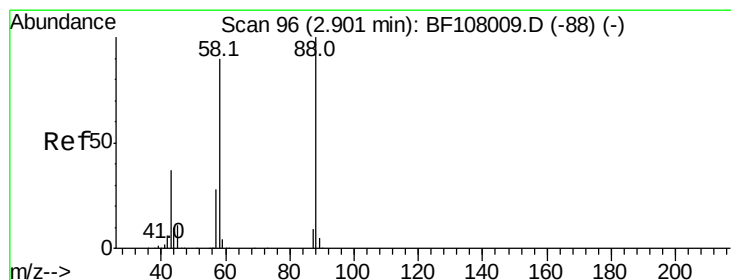
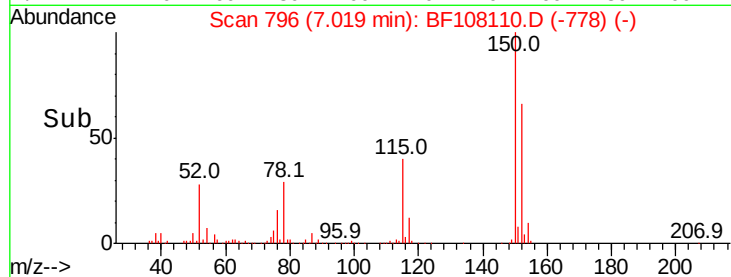
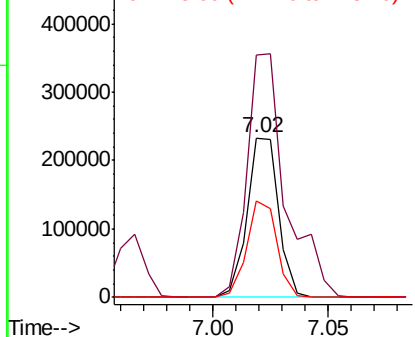
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108110.D
Acq: 13 Aug 2018 12:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 222005
Ion Ratio Lower Upper
152 100
150 152.1 124.6 186.8
115 60.5 50.1 75.1



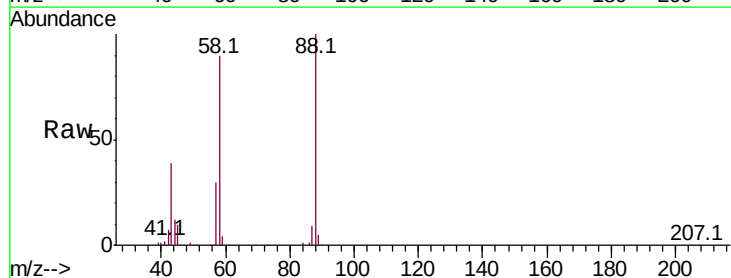
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



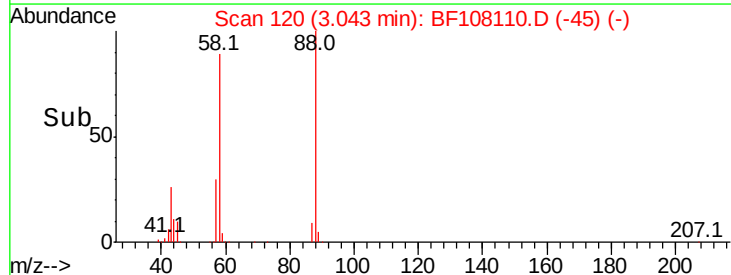
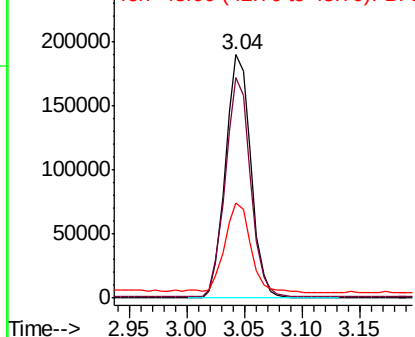
#2

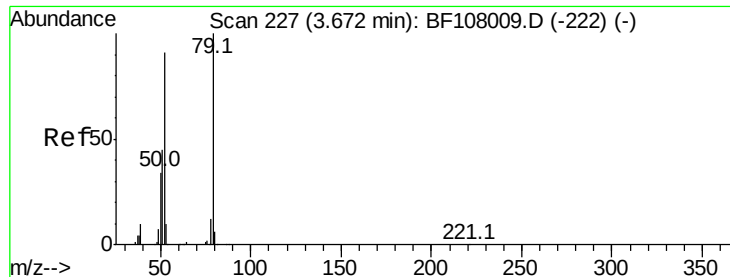
1,4-Dioxane
Concen: 45.919 ng
RT: 3.04 min Scan# 120
Delta R.T. 0.14 min
Lab File: BF108110.D
Acq: 13 Aug 2018 12:26

Tgt Ion: 88 Resp: 289327
Ion Ratio Lower Upper
88 100
58 88.8 62.6 93.8
43 37.7 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: 47.206 ng

RT: 3.78 min Scan# 245

Delta R.T. 0.11 min

Lab File: BF108110.D

Acq: 13 Aug 2018 12:26

Instrument :

BNA_F

ClientSampleId :

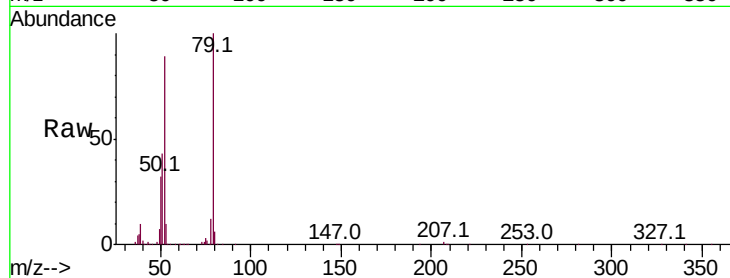
Tot Ion: 79 Resp: 766197

Ion Ratio Lower Upper

79 100

52 89.0 59.8 89.6

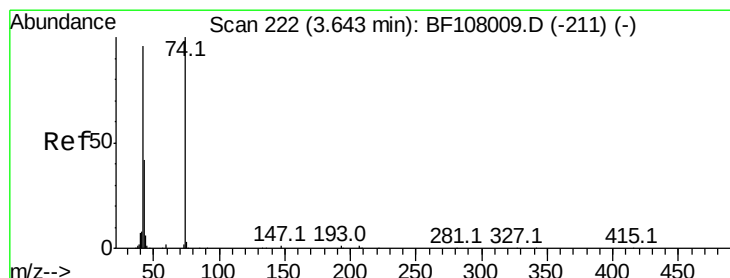
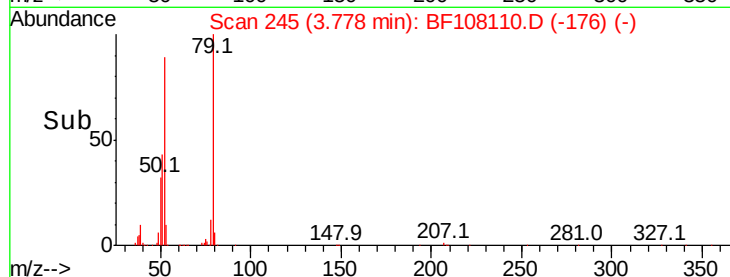
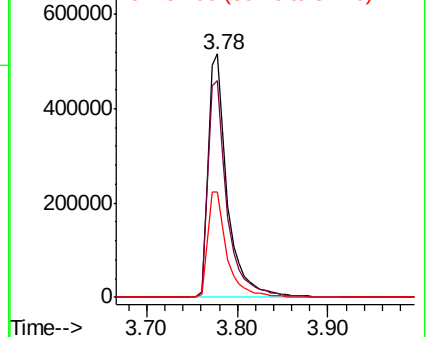
51 43.3 29.8 44.8



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: 45.672 ng

RT: 3.74 min Scan# 239

Delta R.T. 0.10 min

Lab File: BF108110.D

Acq: 13 Aug 2018 12:26

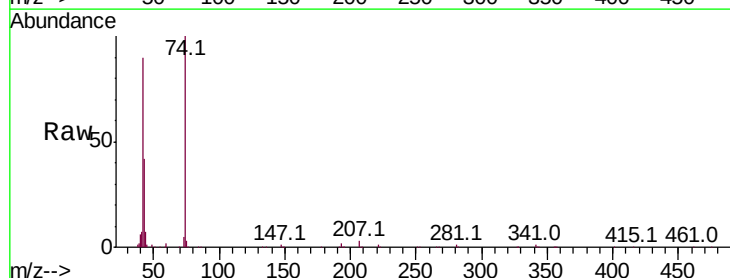
Tgt Ion: 42 Resp: 417128

Ion Ratio Lower Upper

42 100

74 111.4 104.9 157.3

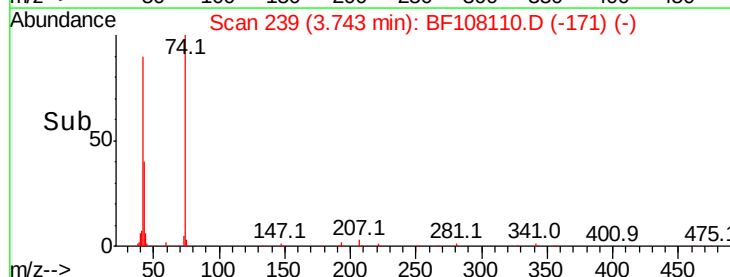
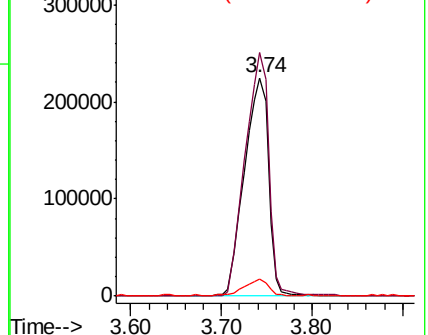
44 7.7 6.9 10.3

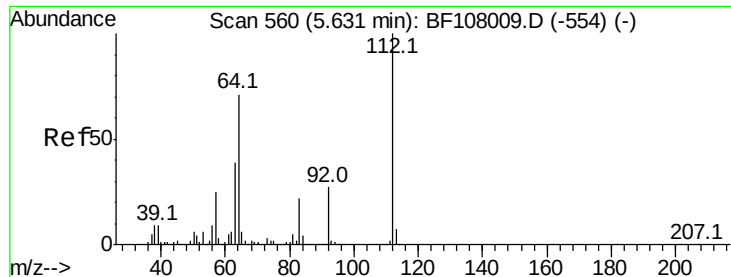


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 118.578 ng

RT: 5.66 min Scan# 565

Delta R.T. 0.03 min

Lab File: BF108110.D

Acq: 13 Aug 2018 12:26

Instrument :

BNA_F

ClientSampleId :

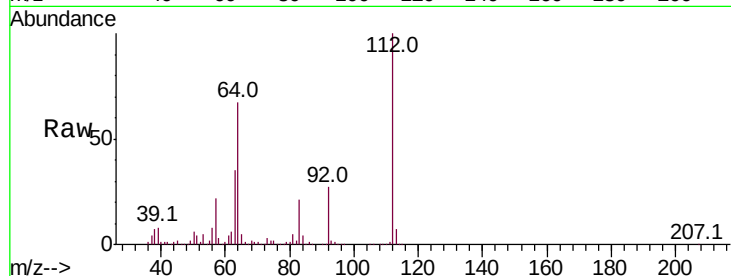
Tot Ion:112 Resp: 1454051

Ion Ratio Lower Upper

112 100

64 66.9 47.9 71.9

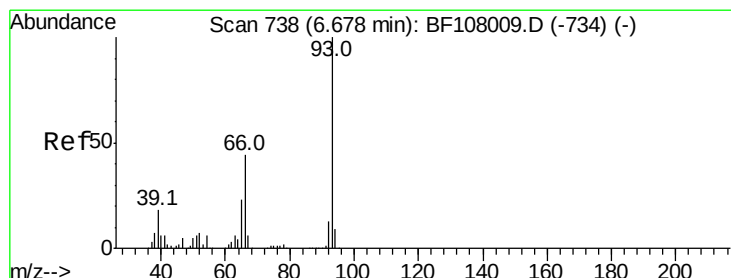
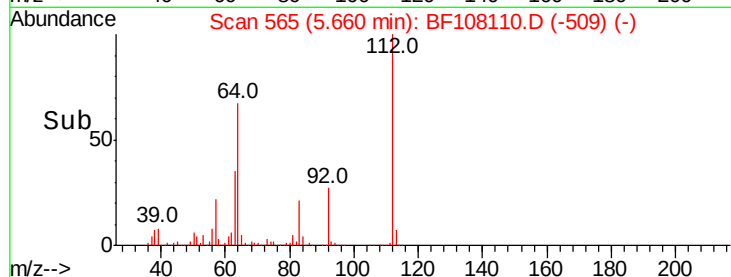
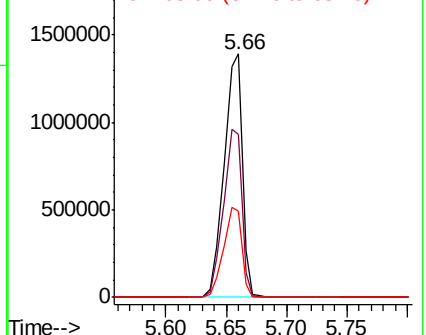
63 35.3 23.7 35.5



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: 32.467 ng

RT: 6.68 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF108110.D

Acq: 13 Aug 2018 12:26

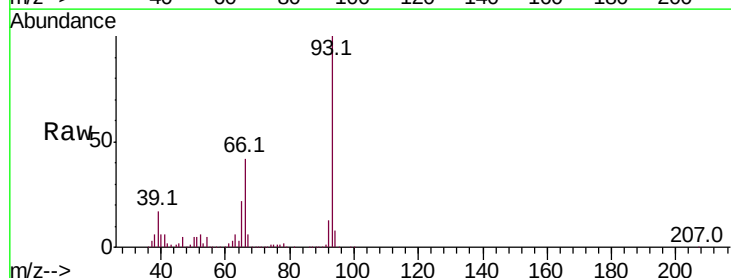
Tgt Ion: 93 Resp: 719626

Ion Ratio Lower Upper

93 100

66 42.4 32.2 48.2

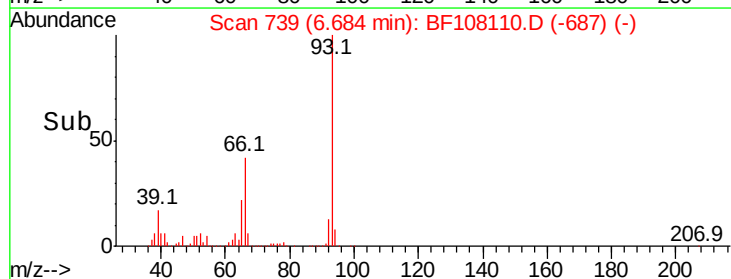
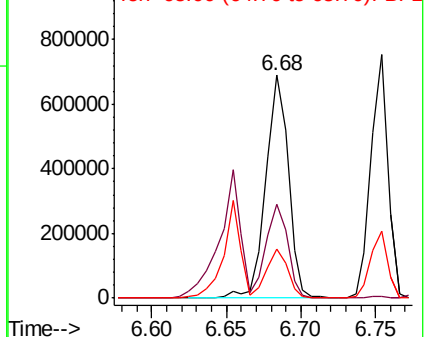
65 22.1 16.4 24.6

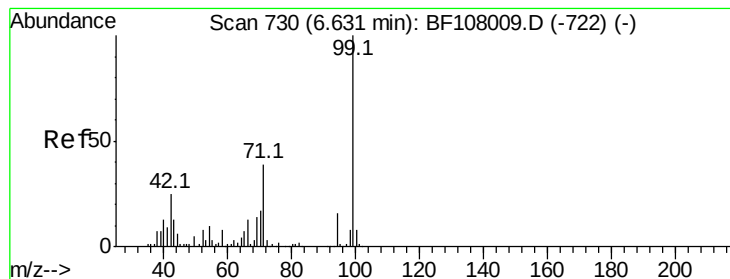


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 118.087 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF108110.D

Acq: 13 Aug 2018 12:26

Instrument :

BNA_F

ClientSampleId :

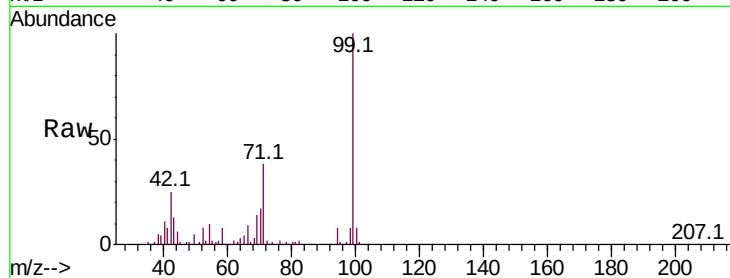
Tot Ion: 99 Resp: 1924238

Ion Ratio Lower Upper

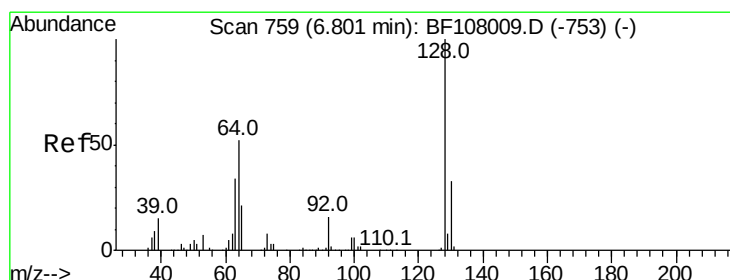
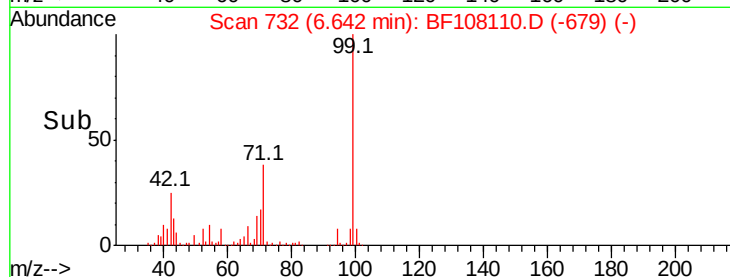
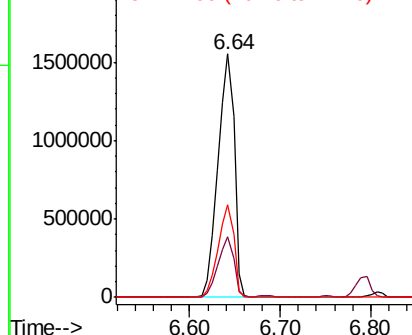
99 100

42 24.7 14.5 21.7#

71 37.9 25.4 38.0



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



#8

2-Chlorophenol

Concen: 43.430 ng

RT: 6.81 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF108110.D

Acq: 13 Aug 2018 12:26

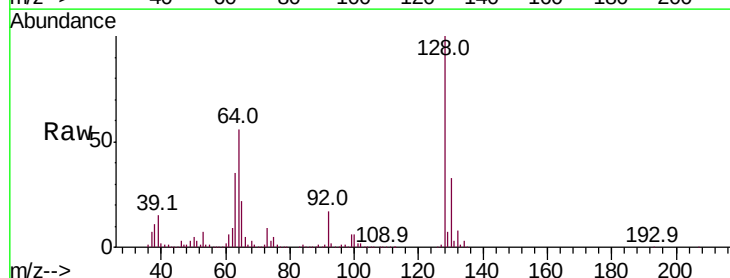
Tgt Ion:128 Resp: 599804

Ion Ratio Lower Upper

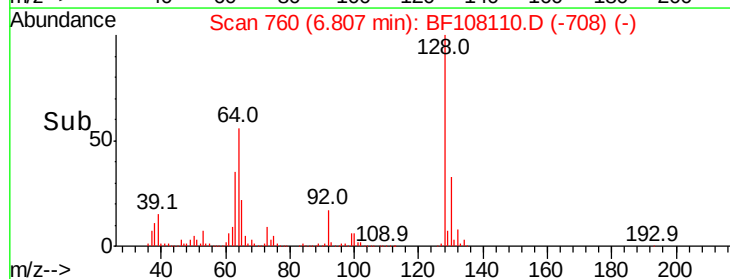
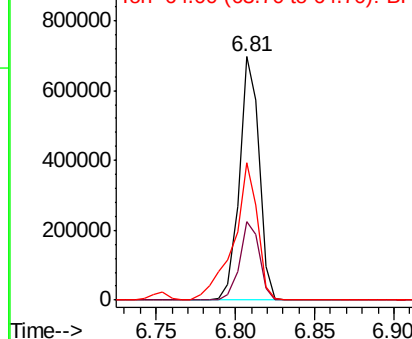
128 100

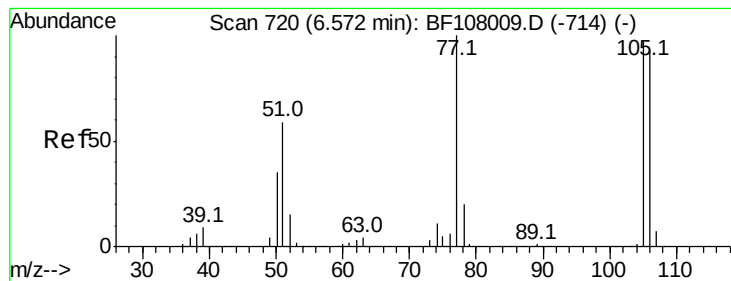
130 32.5 13.0 53.0

64 56.3 29.4 69.4



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





#9

Benzaldehyde

Concen: 24.645 ng

RT: 6.58 min Scan# 721

Delta R.T. 0.01 min

Lab File: BF108110.D

Acq: 13 Aug 2018 12:26

Instrument :

BNA_F

ClientSampled :

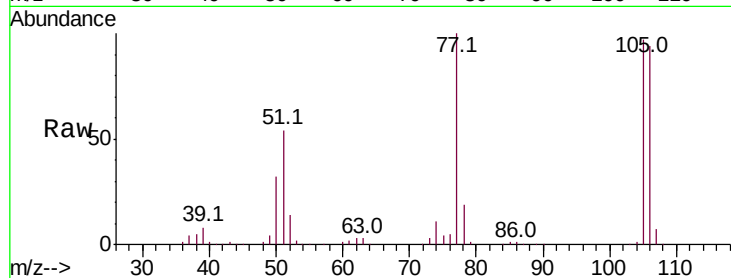
Tot Ion: 77 Resp: 311359

Ion Ratio Lower Upper

77 100

105 97.2 81.1 121.1

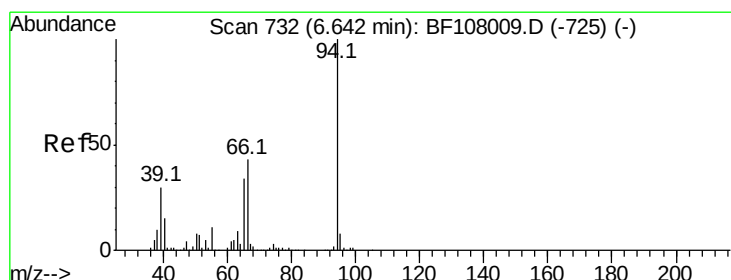
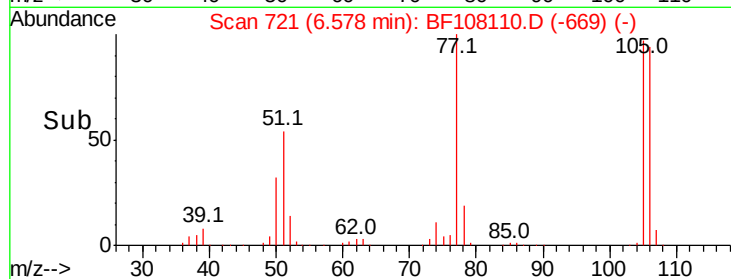
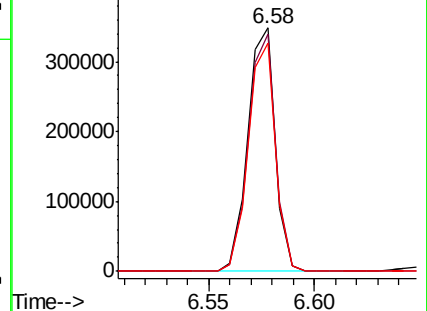
106 93.7 74.5 114.5



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: 42.458 ng

RT: 6.65 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF108110.D

Acq: 13 Aug 2018 12:26

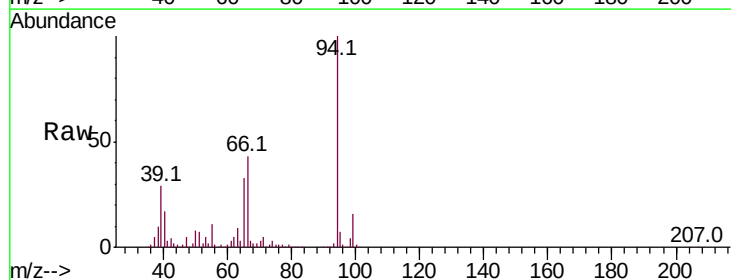
Tgt Ion: 94 Resp: 715652

Ion Ratio Lower Upper

94 100

65 32.9 7.9 47.9

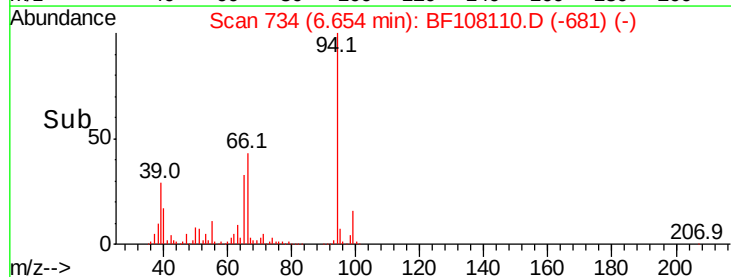
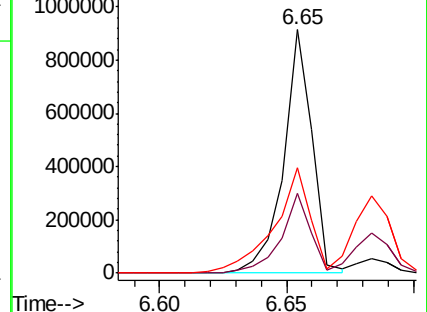
66 43.3 16.2 56.2

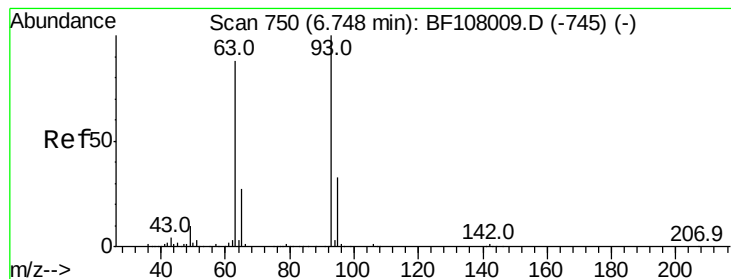


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 43.620 ng

RT: 6.75 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF108110.D

Acq: 13 Aug 2018 12:26

Instrument :

BNA_F

ClientSampleId :

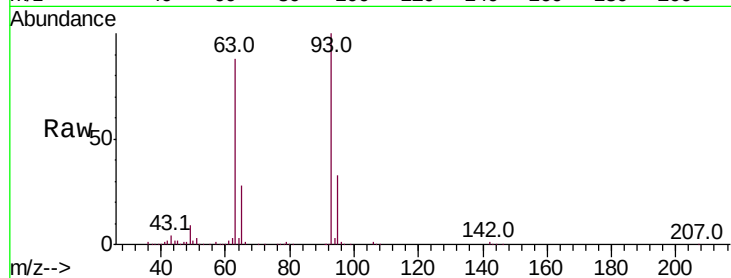
Tot Ion: 93 Resp: 594399

Ion Ratio Lower Upper

93 100

63 88.2 58.6 98.6

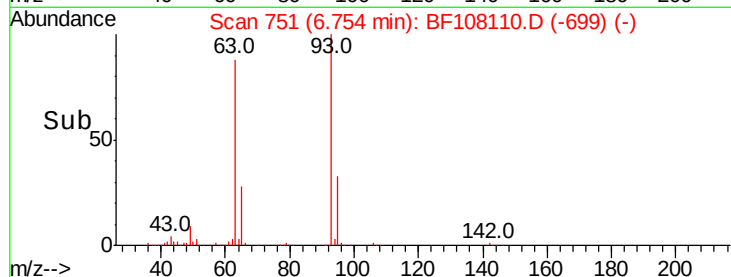
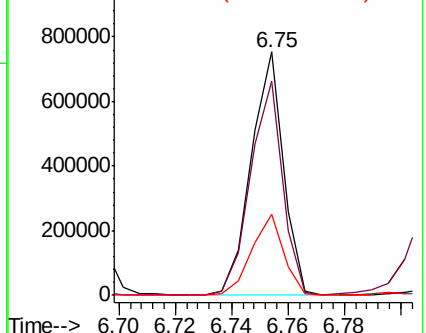
95 33.3 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 46.799 ng

RT: 6.97 min Scan# 787

Delta R.T. 0.01 min

Lab File: BF108110.D

Acq: 13 Aug 2018 12:26

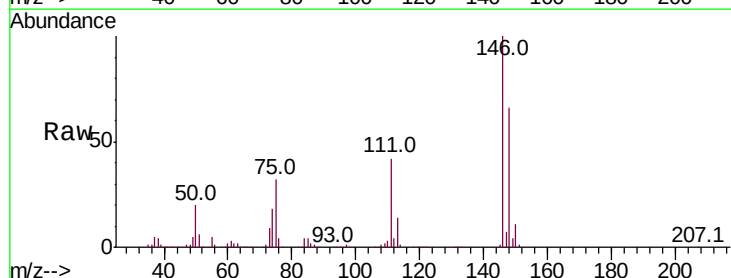
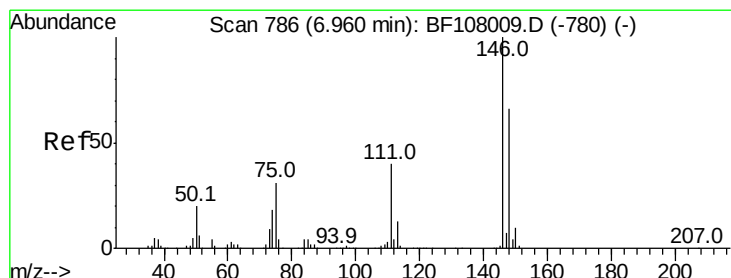
Tgt Ion: 146 Resp: 747327

Ion Ratio Lower Upper

146 100

148 65.6 51.8 77.8

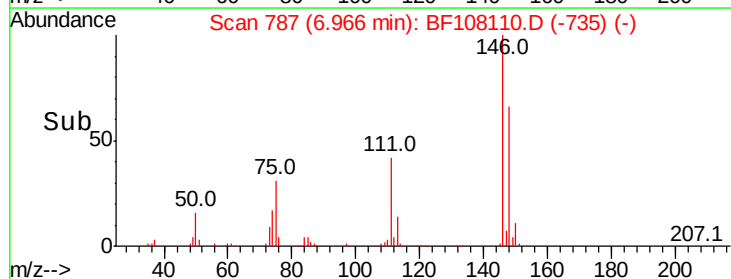
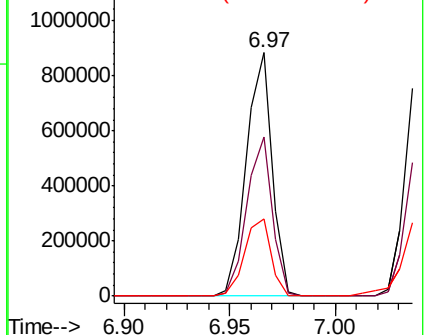
75 31.5 24.2 36.4

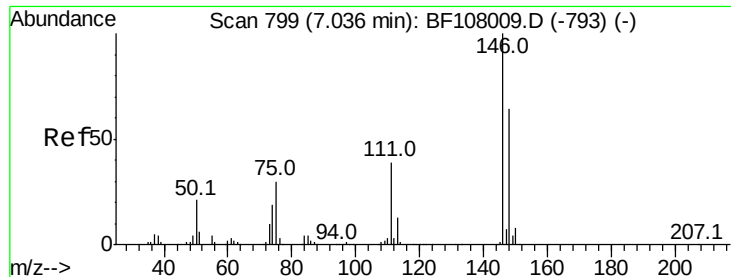


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

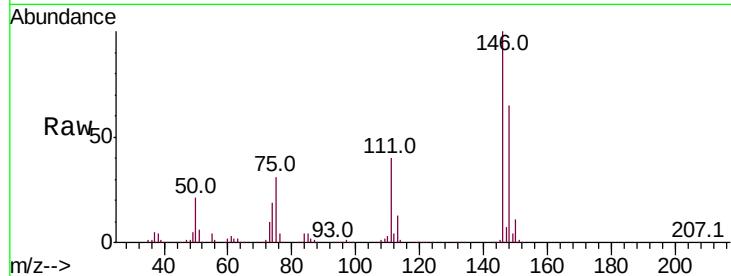




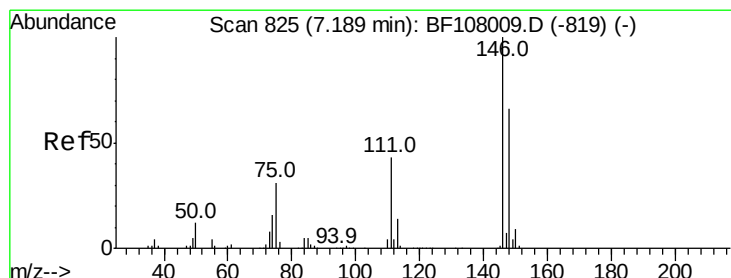
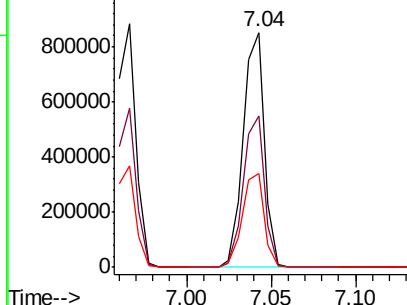
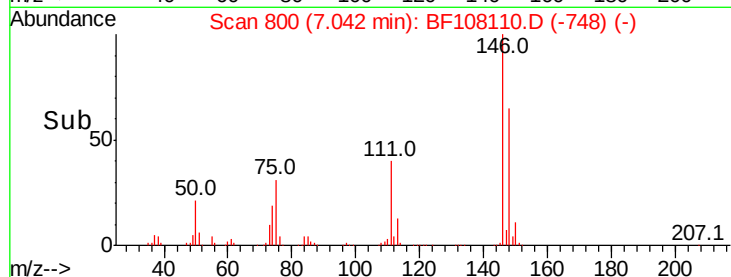
#13
 1,4-Dichlorobenzene
 Concen: 46.588 ng
 RT: 7.04 min Scan# 800
 Delta R.T. 0.01 min
 Lab File: BF108110.D
 Acq: 13 Aug 2018 12:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 747468
 Ion Ratio Lower Upper
 146 100
 148 64.7 50.8 76.2
 111 40.0 34.2 51.2

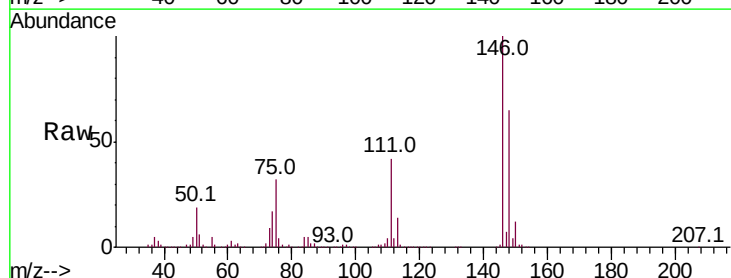


Abundance Ion 146.00 (145.70 to 146.70): E
 1200000 Ion 148.00 (147.70 to 148.70): E
 1000000 Ion 111.00 (110.70 to 111.70): E

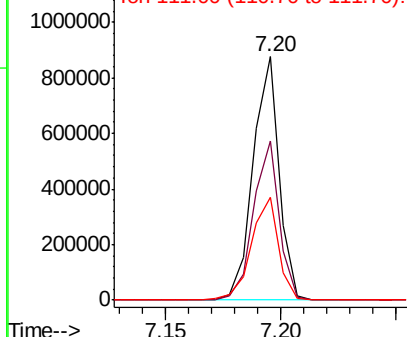
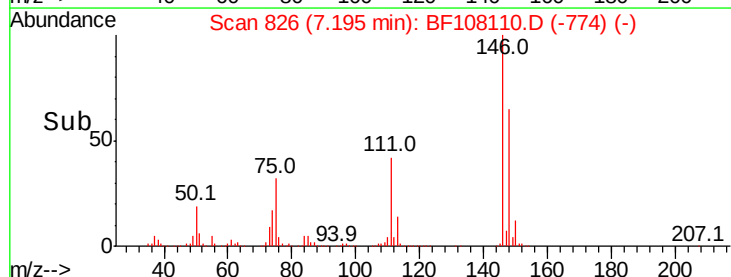


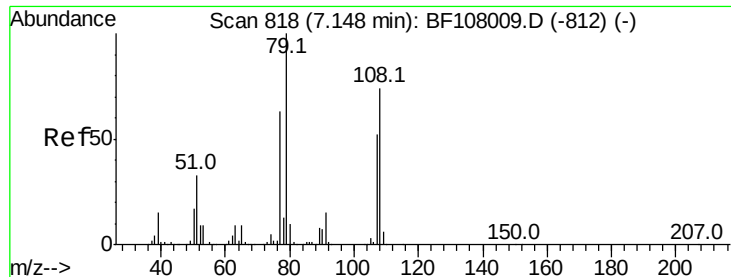
#14
 1,2-Dichlorobenzene
 Concen: 46.225 ng
 RT: 7.20 min Scan# 826
 Delta R.T. 0.01 min
 Lab File: BF108110.D
 Acq: 13 Aug 2018 12:26

Tgt Ion:146 Resp: 689852
 Ion Ratio Lower Upper
 146 100
 148 65.4 50.6 75.8
 111 42.4 36.0 54.0



Abundance Ion 146.00 (145.70 to 146.70): E
 1200000 Ion 148.00 (147.70 to 148.70): E
 1000000 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.194 ng

RT: 7.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF108110.D

Acq: 13 Aug 2018 12:26

Instrument :

BNA_F

ClientSampleId :

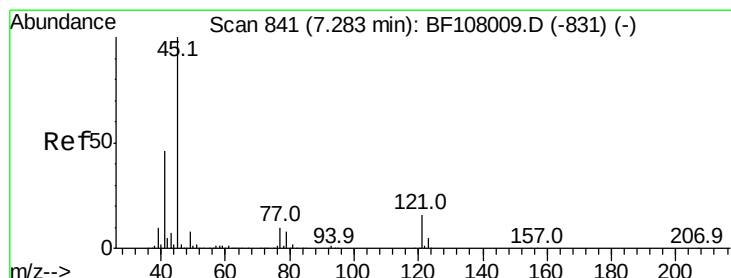
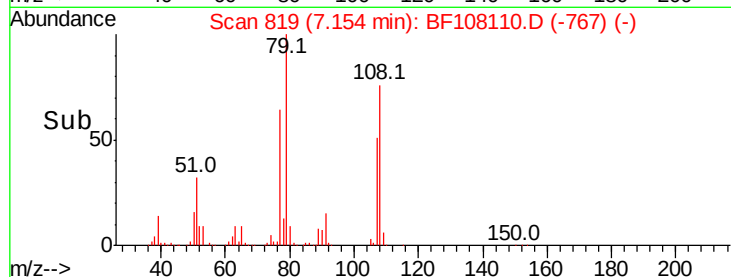
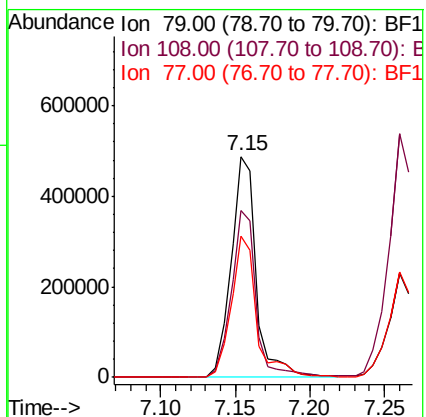
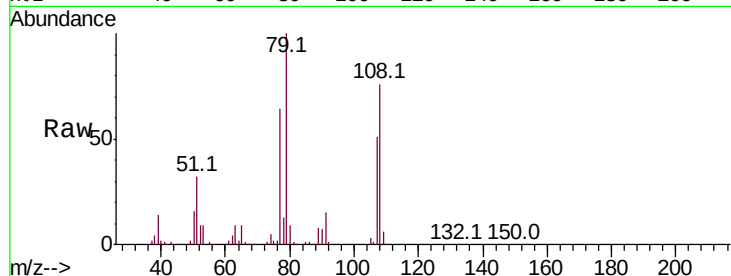
Tot Ion: 79 Resp: 578810

Ion Ratio Lower Upper

79 100

108 75.6 65.1 97.7

77 63.8 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.293 ng

RT: 7.29 min Scan# 842

Delta R.T. 0.01 min

Lab File: BF108110.D

Acq: 13 Aug 2018 12:26

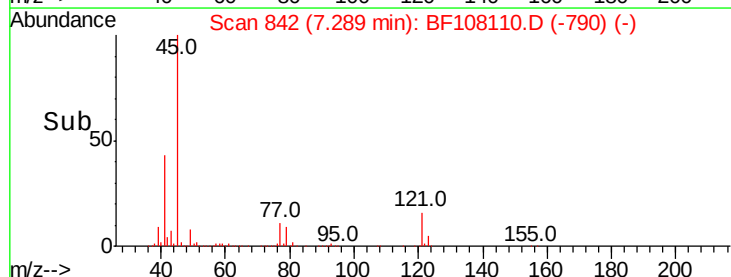
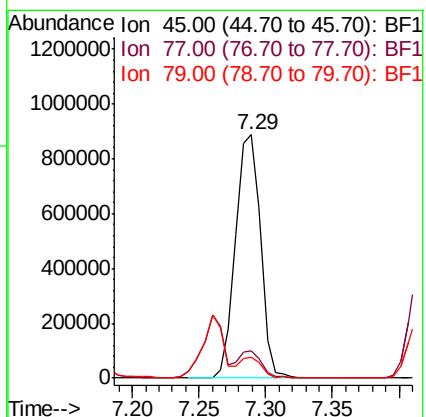
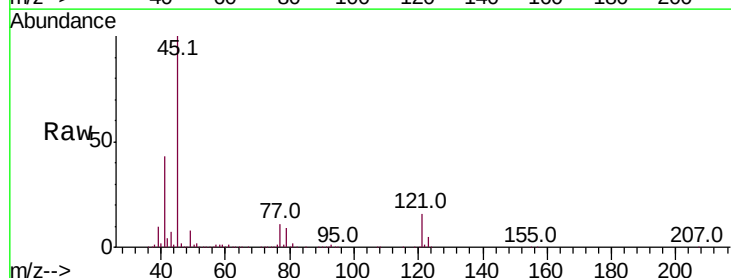
Tgt Ion: 45 Resp: 1159184

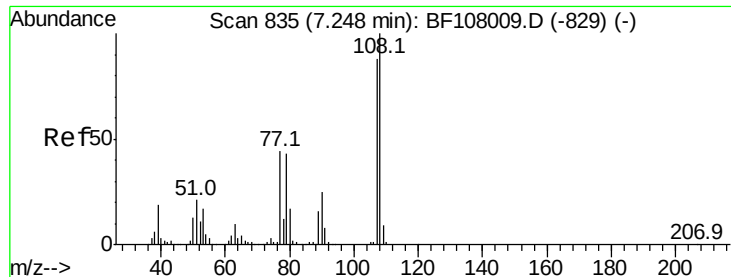
Ion Ratio Lower Upper

45 100

77 11.1 0.0 32.9

79 8.7 0.0 29.6

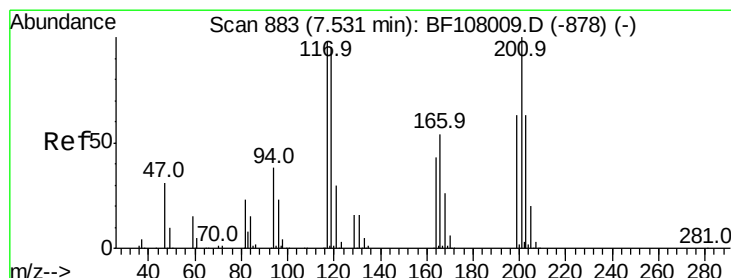
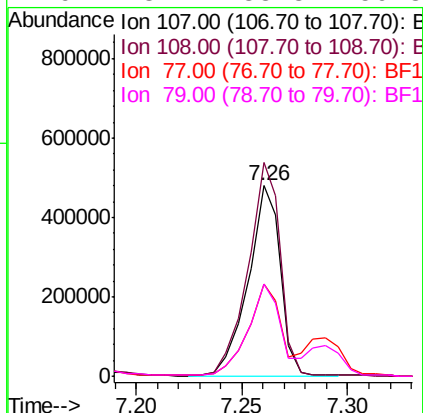
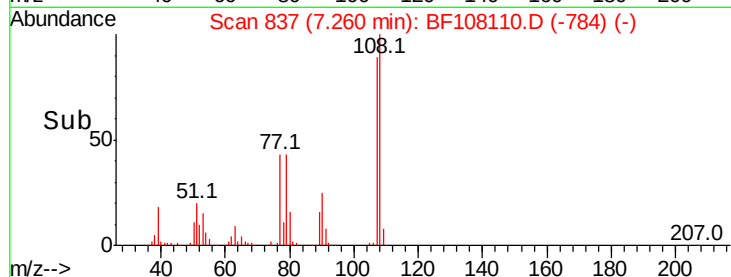
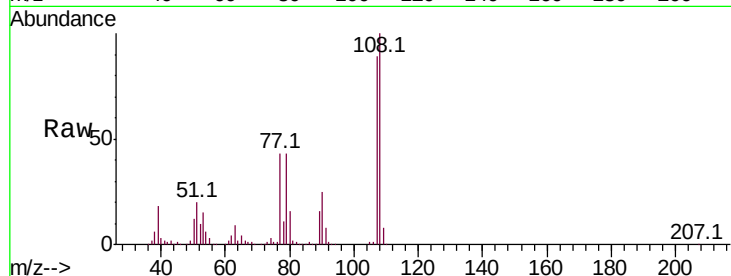




#17
2-Methylphenol
Concen: 42.574 ng
RT: 7.26 min Scan# 837
Delta R.T. 0.01 min
Lab File: BF108110.D
Acq: 13 Aug 2018 12:26

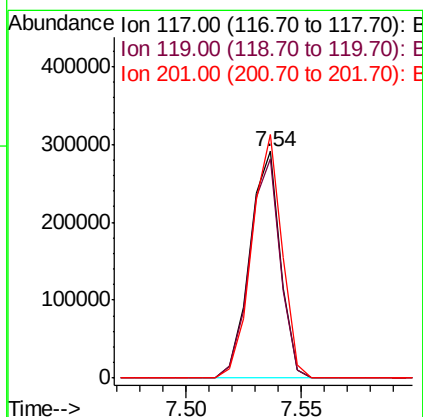
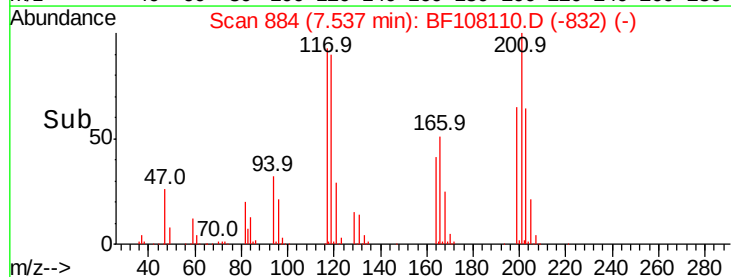
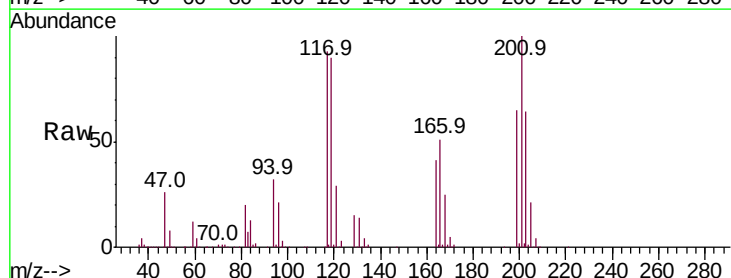
Instrument :
BNA_F
ClientSampleId :

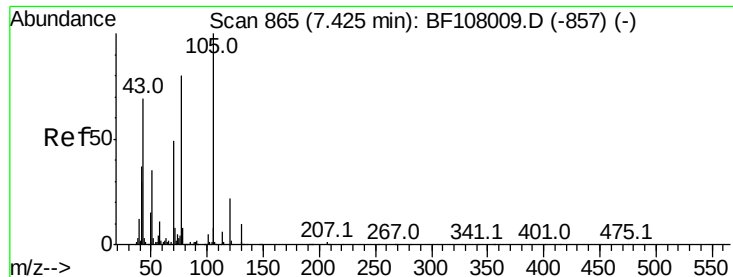
Tot Ion:	107	Resp:	504225
Ion	Ratio	Lower	Upper
107	100		
108	112.1	91.7	137.5
77	48.4	33.8	50.8
79	48.1	33.8	50.8



#18
Hexachloroethane
Concen: 46.998 ng
RT: 7.54 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF108110.D
Acq: 13 Aug 2018 12:26

Tgt Ion:	117	Resp:	268453
Ion	Ratio	Lower	Upper
117	100		
119	96.7	75.8	113.8
201	107.3	75.7	113.5

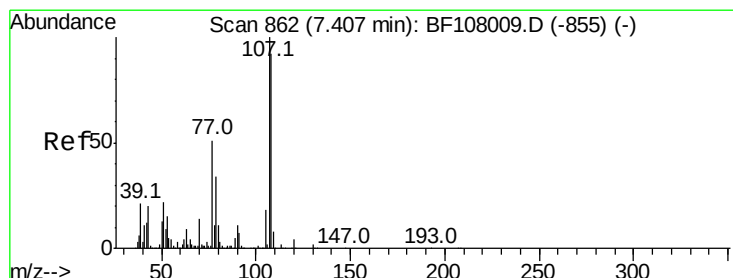
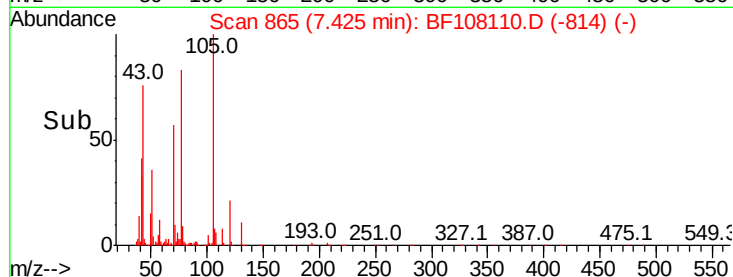
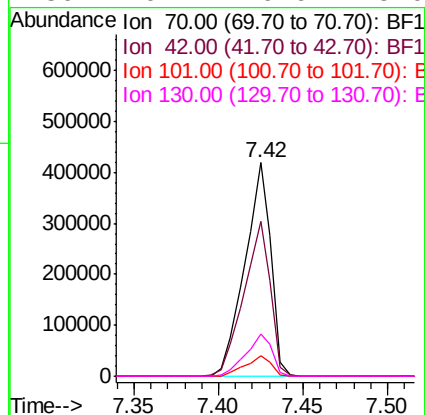
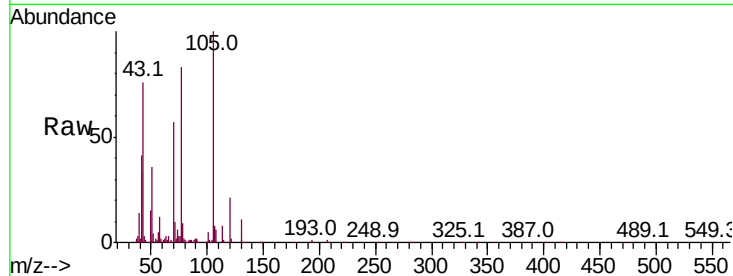




#19
n-Nitroso-di-n-propylamine
Concen: 40.816 ng
RT: 7.42 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF108110.D
Acq: 13 Aug 2018 12:26

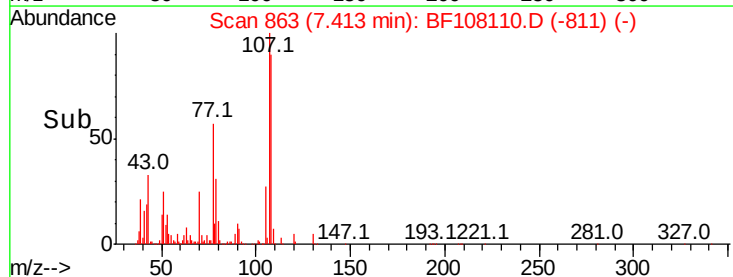
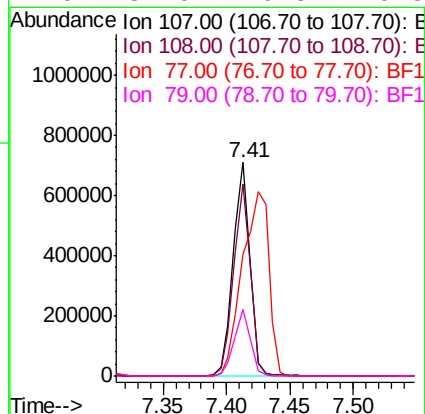
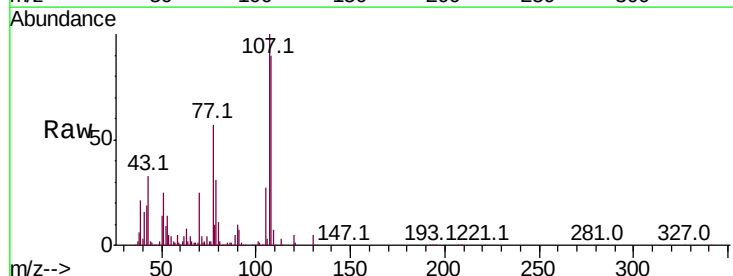
Instrument :
BNA_F
ClientSampleId :

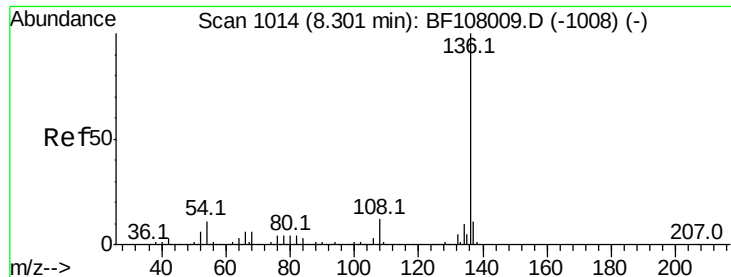
Tot Ion: 70 Resp: 449766
Ion Ratio Lower Upper
70 100
42 72.8 47.5 71.3#
101 9.6 7.4 11.2
130 19.7 16.6 25.0



#20
3+4-Methylphenols
Concen: 42.285 ng
RT: 7.41 min Scan# 863
Delta R.T. 0.01 min
Lab File: BF108110.D
Acq: 13 Aug 2018 12:26

Tgt Ion:107 Resp: 641772
Ion Ratio Lower Upper
107 100
108 89.8 68.2 108.2
77 56.8 26.7 66.7
79 31.0 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.31 min Scan# 1015

Delta R.T. 0.01 min

Lab File: BF108110.D

Acq: 13 Aug 2018 12:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 782898

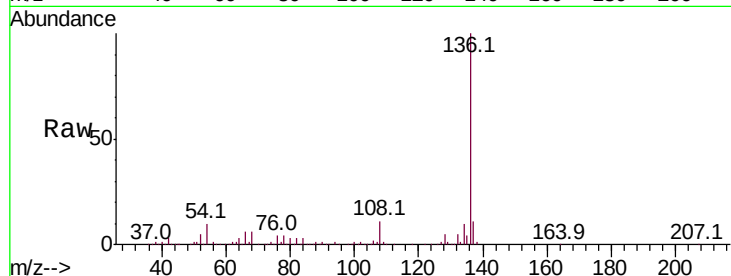
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 10.2 6.6 9.8#

68 6.3 5.0 7.4

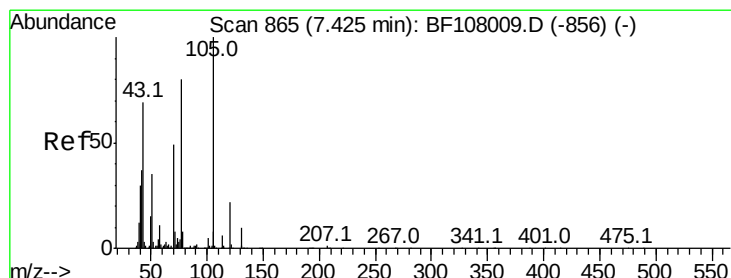
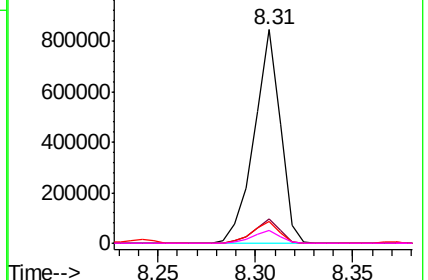
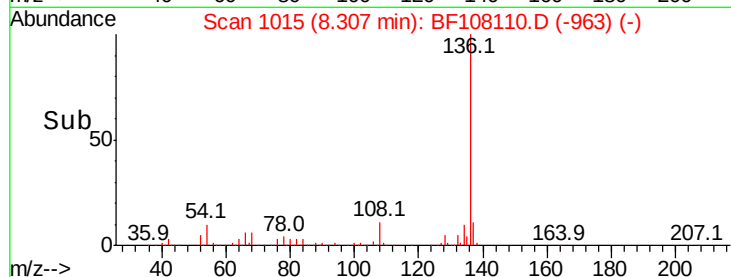


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 47.193 ng

RT: 7.43 min Scan# 866

Delta R.T. 0.01 min

Lab File: BF108110.D

Acq: 13 Aug 2018 12:26

Tgt Ion:105 Resp: 863916

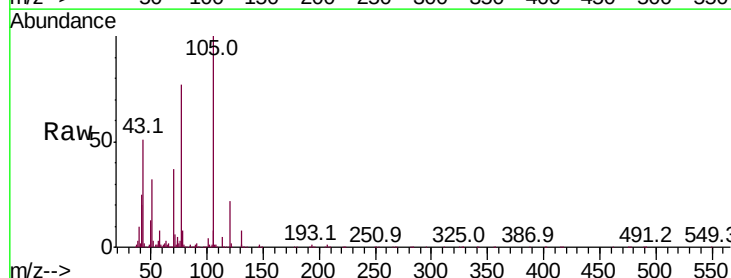
Ion Ratio Lower Upper

105 100

71 6.0 4.4 6.6

51 32.1 22.3 33.5

120 21.6 16.9 25.3

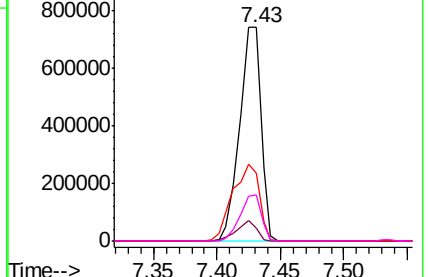
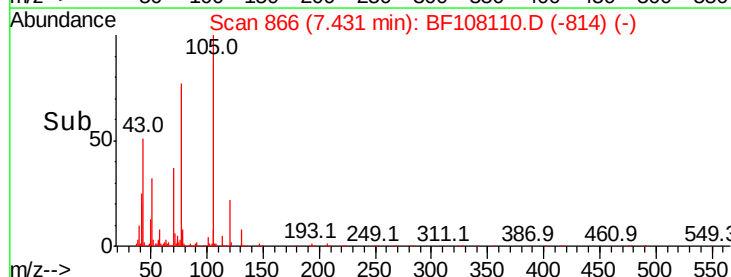


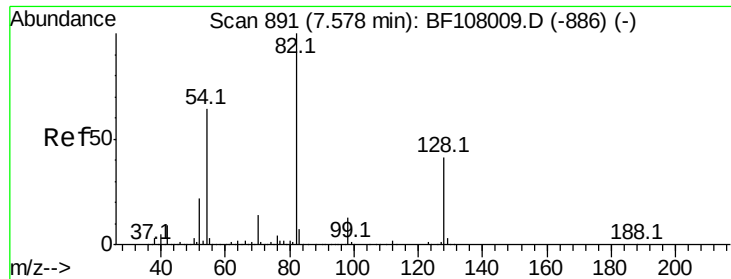
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

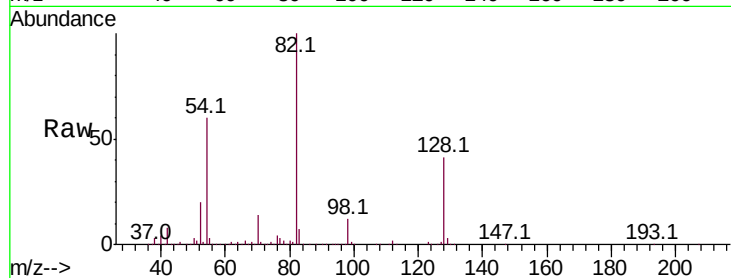




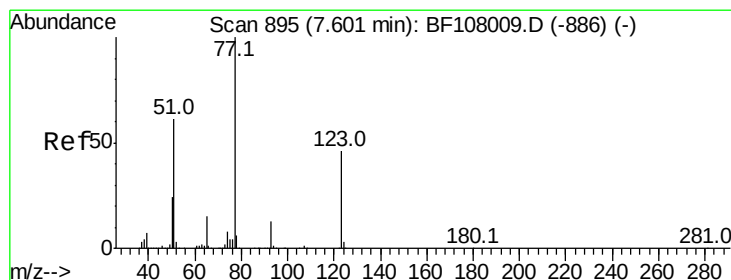
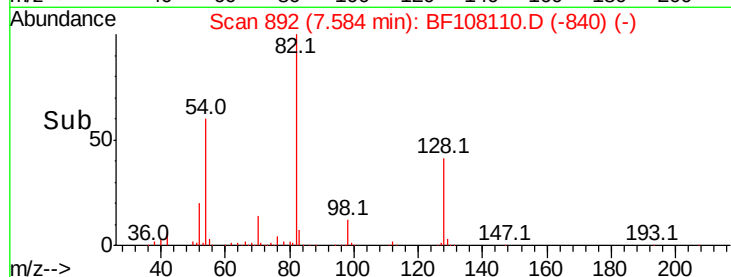
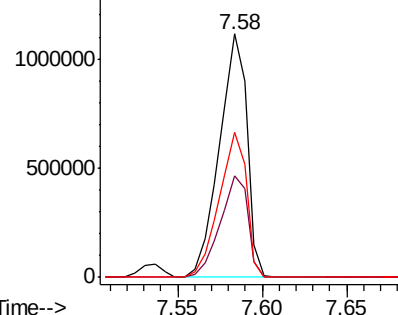
#23
 Nitrobenzene-d5
 Concen: 90.066 ng
 RT: 7.58 min Scan# 892
 Delta R.T. 0.01 min
 Lab File: BF108110.D
 Acq: 13 Aug 2018 12:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1263629
 Ion Ratio Lower Upper
 82 100
 128 41.5 36.1 54.1
 54 59.6 41.4 62.2

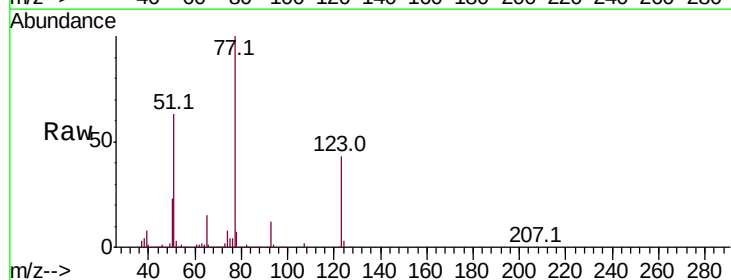


Abundance Ion 82.00 (81.70 to 82.70): BF1
 1500000 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

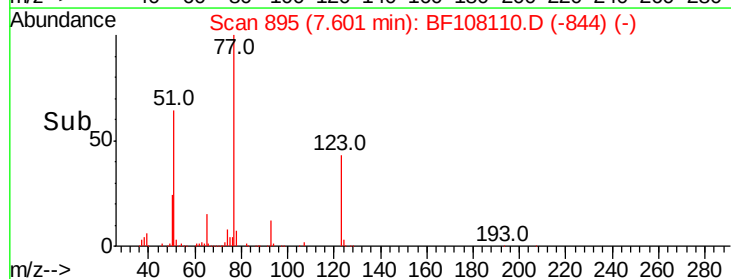
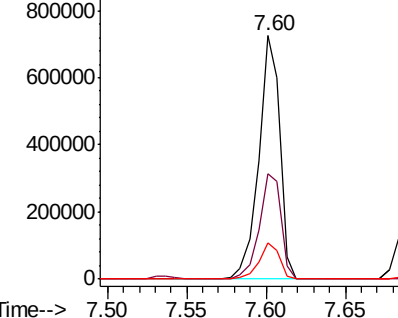


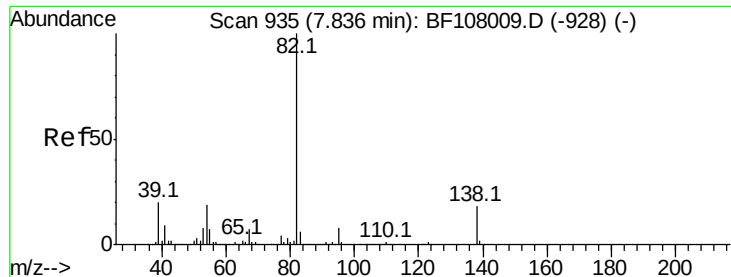
#24
 Nitrobenzene
 Concen: 47.409 ng
 RT: 7.60 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: BF108110.D
 Acq: 13 Aug 2018 12:26

Tgt Ion: 77 Resp: 672605
 Ion Ratio Lower Upper
 77 100
 123 43.2 37.9 56.9
 65 15.0 11.0 16.4



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





#25

Isophorone

Concen: 45.728 ng

RT: 7.84 min Scan# 935

Delta R.T. 0.00 min

Lab File: BF108110.D

Acq: 13 Aug 2018 12:26

Instrument :

BNA_F

ClientSampleId :

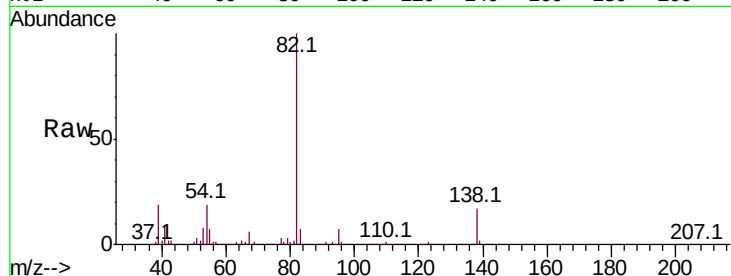
Tot Ion: 82 Resp: 1222862

Ion Ratio Lower Upper

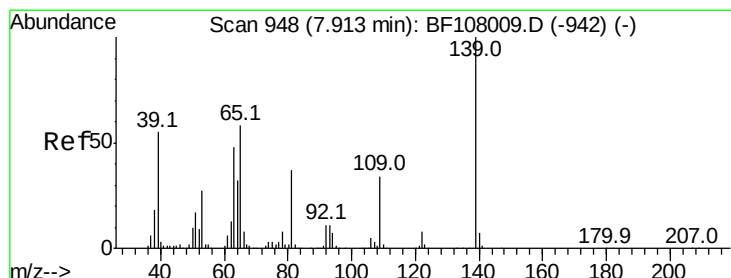
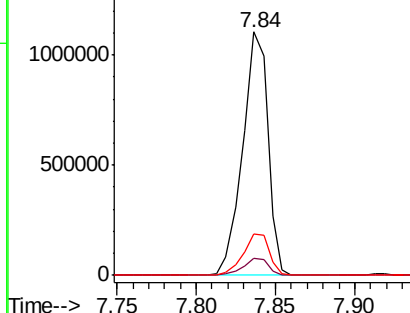
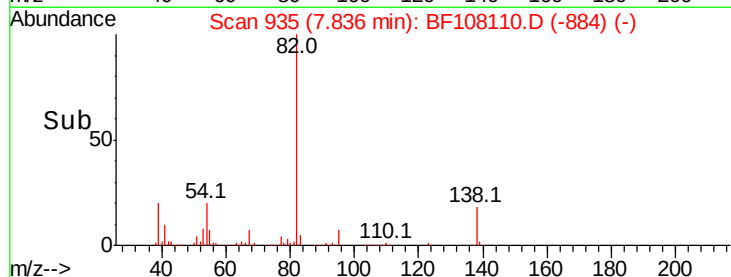
82 100

95 7.2 5.2 7.8

138 17.0 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
1500000
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 48.726 ng

RT: 7.92 min Scan# 949

Delta R.T. 0.01 min

Lab File: BF108110.D

Acq: 13 Aug 2018 12:26

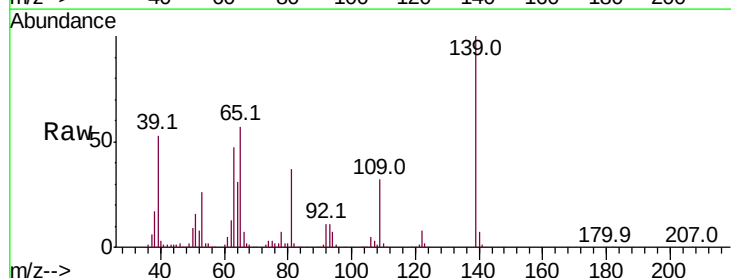
Tgt Ion: 139 Resp: 261065

Ion Ratio Lower Upper

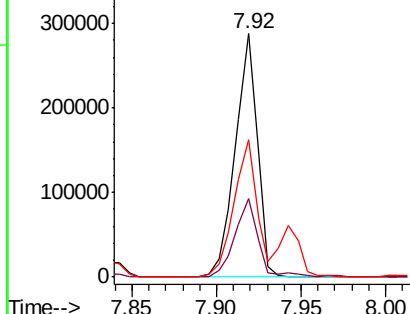
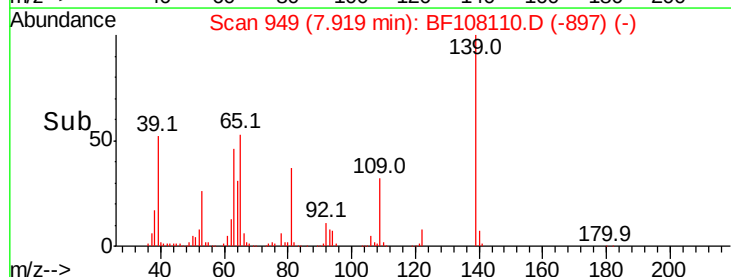
139 100

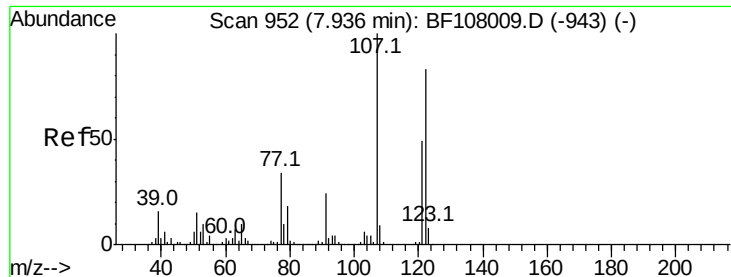
109 32.1 22.7 34.1

65 56.5 40.5 60.7



Abundance Ion 139.00 (138.70 to 139.70): BF1
400000
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

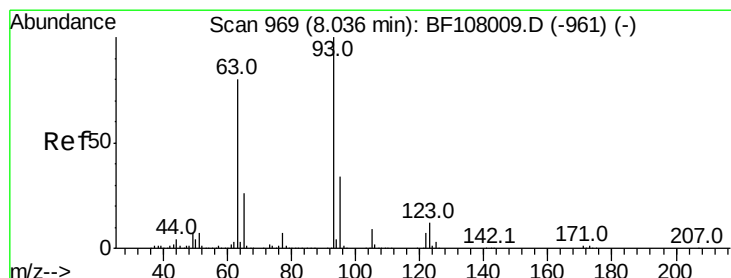
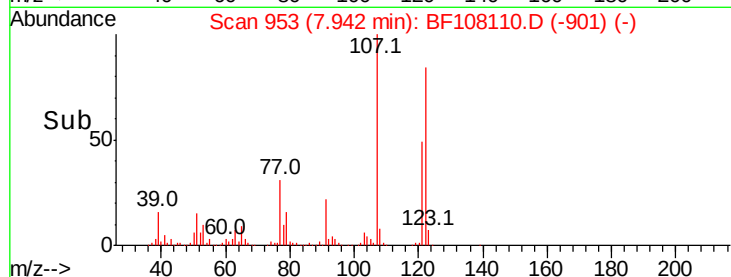
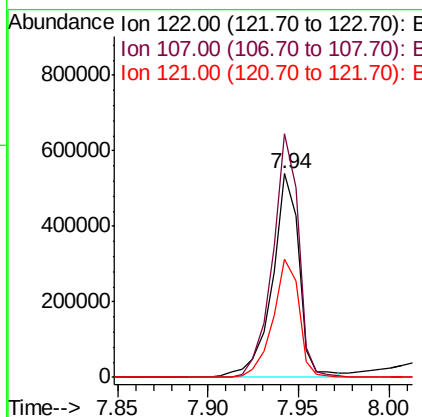
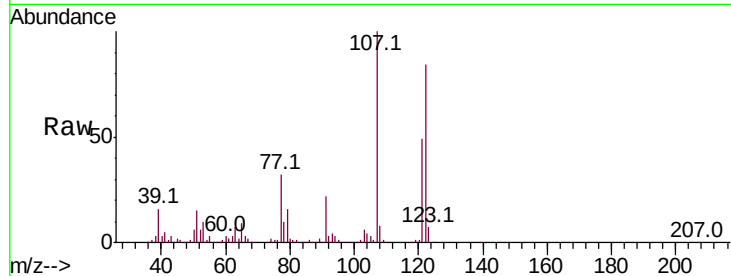




#27
 2,4-Dimethylphenol
 Concen: 46.750 ng
 RT: 7.94 min Scan# 953
 Delta R.T. 0.01 min
 Lab File: BF108110.D
 Acq: 13 Aug 2018 12:26

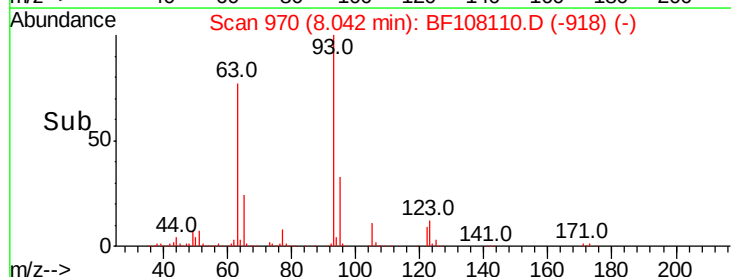
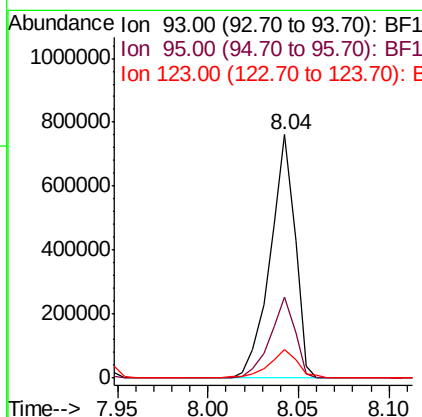
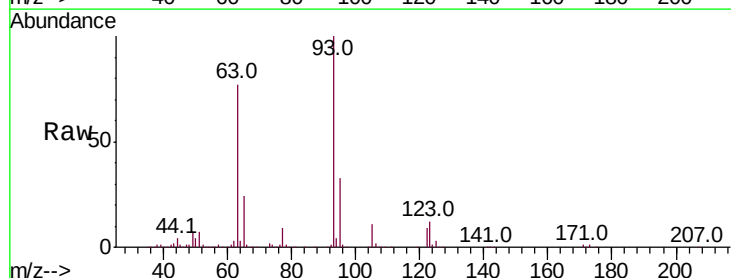
Instrument :
 BNA_F
 ClientSampleId :

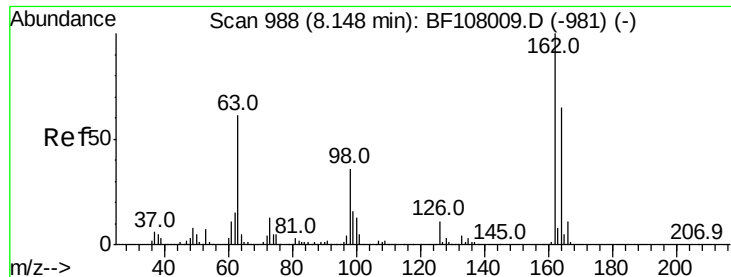
Tot Ion	Ratio	Lower	Upper
122	100		
107	119.5	91.2	136.8
121	58.0	47.2	70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.476 ng
 RT: 8.04 min Scan# 970
 Delta R.T. 0.01 min
 Lab File: BF108110.D
 Acq: 13 Aug 2018 12:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.3	39.5
123	11.9	9.8	14.6

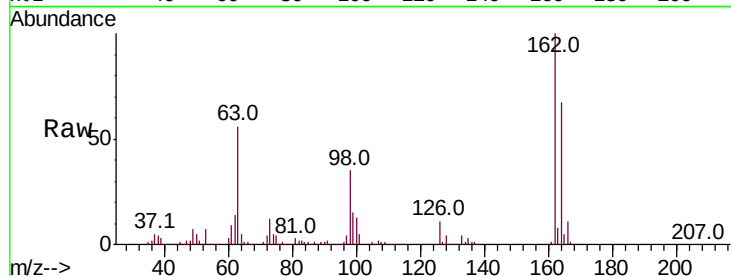




#29
2,4-Dichlorophenol
Concen: 47.987 ng
RT: 8.16 min Scan# 990
Delta R.T. 0.01 min
Lab File: BF108110.D
Acq: 13 Aug 2018 12:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.8	42.7	82.7
98	35.0	18.1	58.1

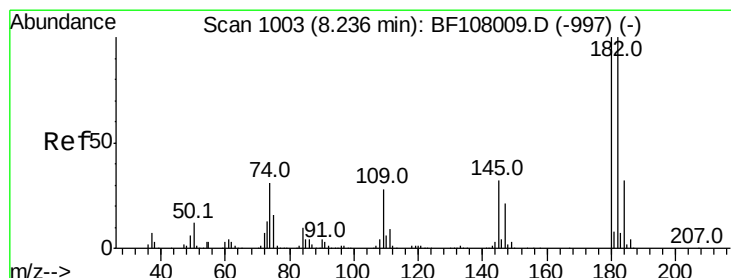
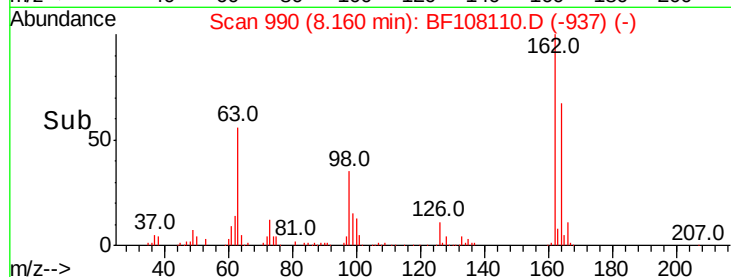
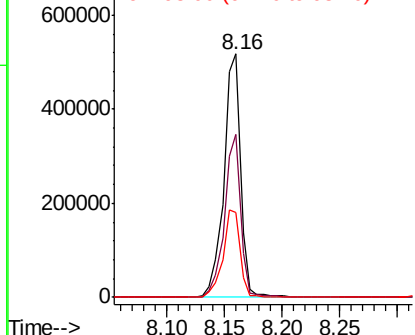


Abundance

Ion 162.00 (161.70 to 162.70): E

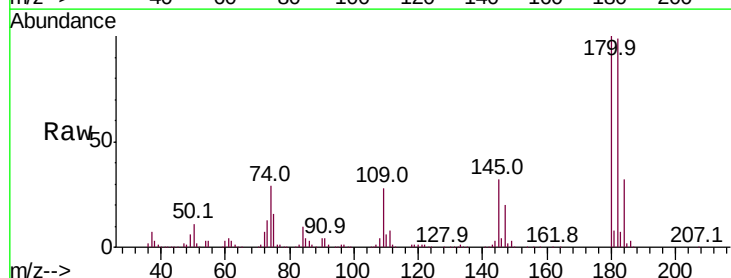
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 48.137 ng
RT: 8.24 min Scan# 1004
Delta R.T. 0.01 min
Lab File: BF108110.D
Acq: 13 Aug 2018 12:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.8	76.8	115.2
145	31.6	26.5	39.7

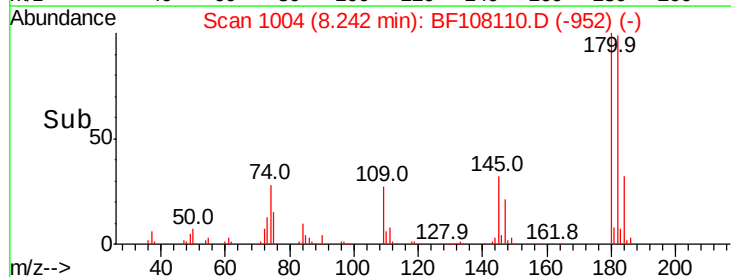
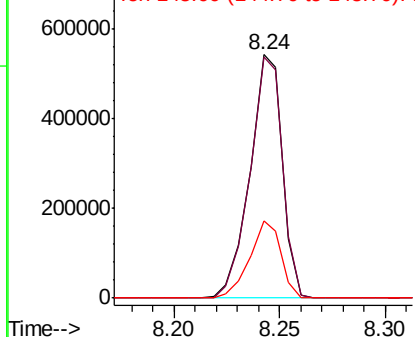


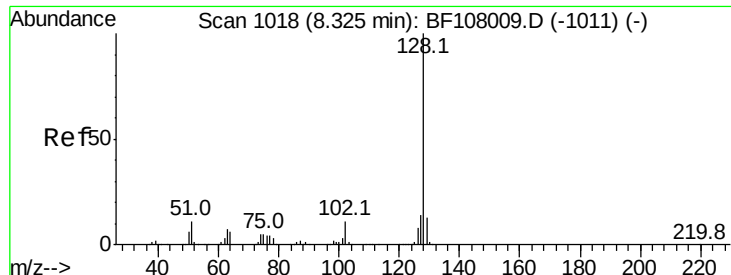
Abundance

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

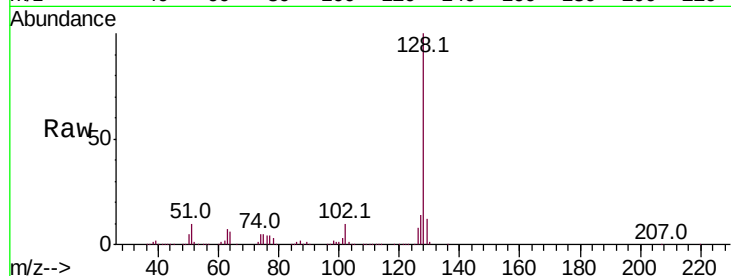




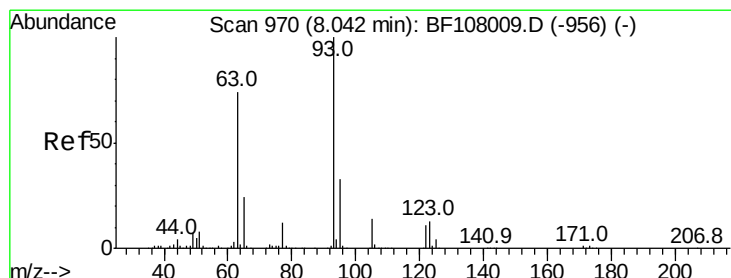
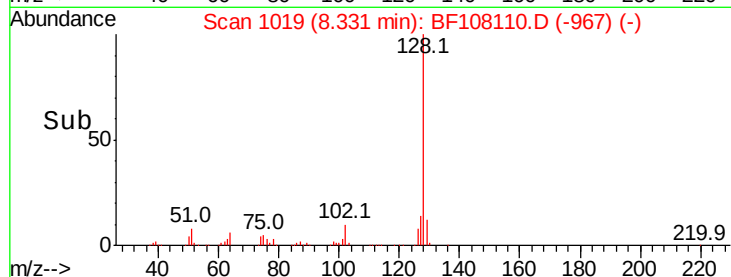
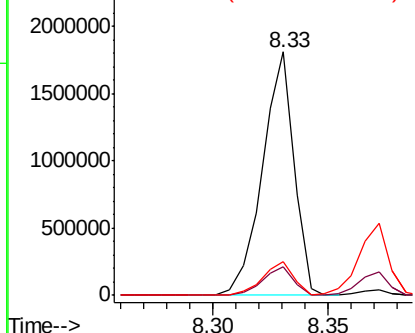
#31
Naphthalene
Concen: 48.381 ng
RT: 8.33 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BF108110.D
Acq: 13 Aug 2018 12:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1722596
Ion Ratio Lower Upper
128 100
129 11.8 8.8 13.2
127 14.0 10.9 16.3

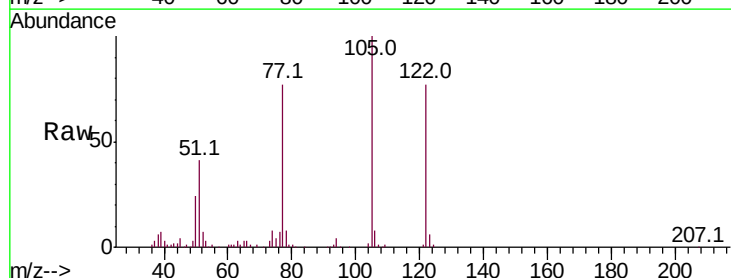


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

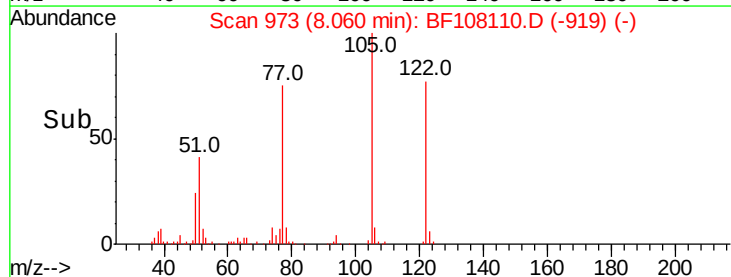
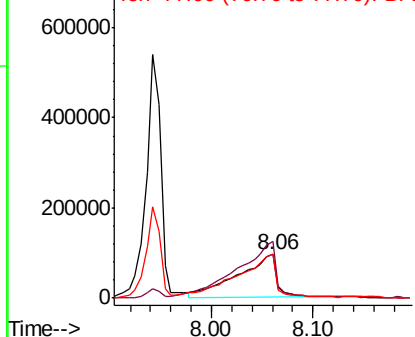


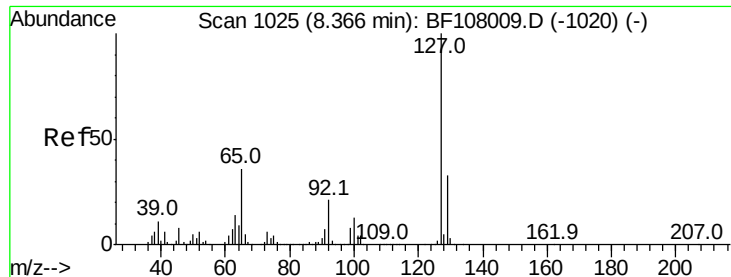
#32
Benzoic acid
Concen: 38.201 ng
RT: 8.06 min Scan# 973
Delta R.T. 0.02 min
Lab File: BF108110.D
Acq: 13 Aug 2018 12:26

Tgt Ion:122 Resp: 253512
Ion Ratio Lower Upper
122 100
105 129.2 101.1 141.1
77 99.7 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

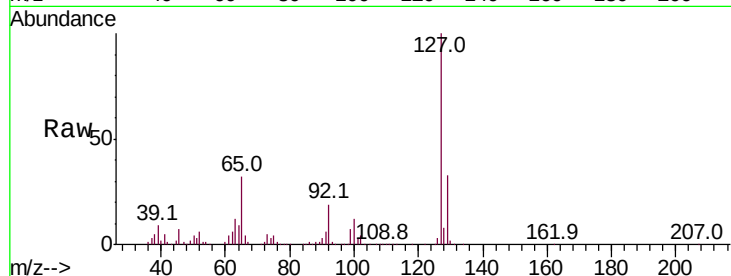




#33
4-Chloroaniline
Concen: 31.321 ng
RT: 8.37 min Scan# 1026
Delta R.T. 0.01 min
Lab File: BF108110.D
Acq: 13 Aug 2018 12:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	485978
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	31.9	25.0	37.4
92	19.4	15.2	22.8



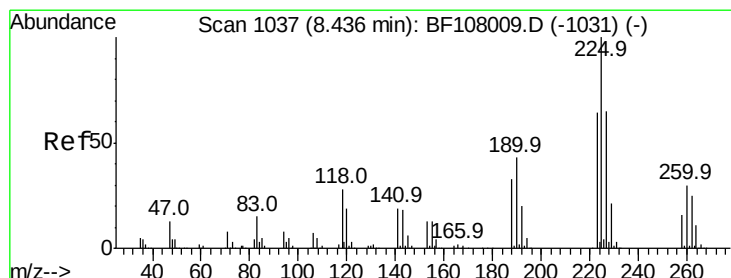
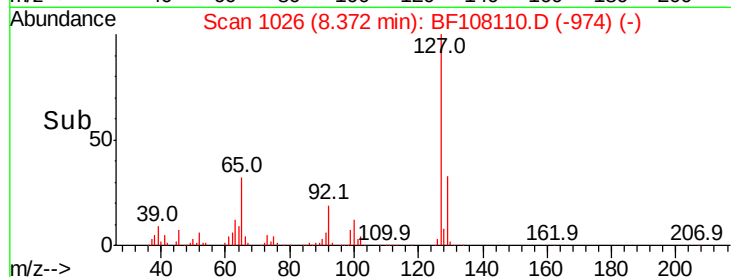
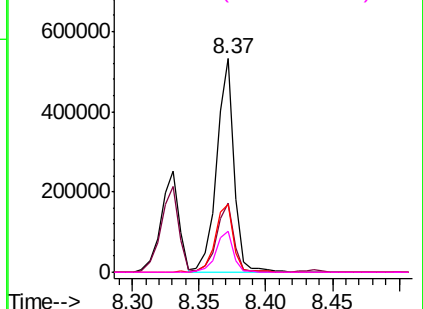
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

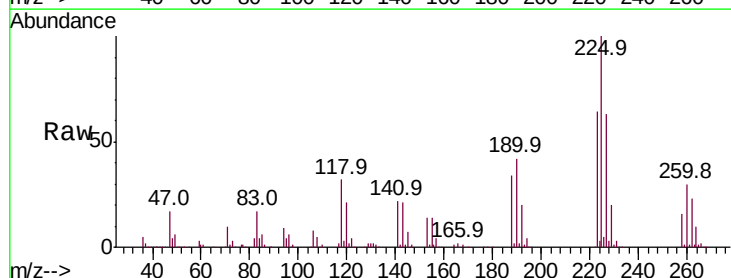
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 48.251 ng
RT: 8.44 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF108110.D
Acq: 13 Aug 2018 12:26

Tgt Ion:	225	Resp:	367841
Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.6	76.0
227	62.8	51.9	77.9

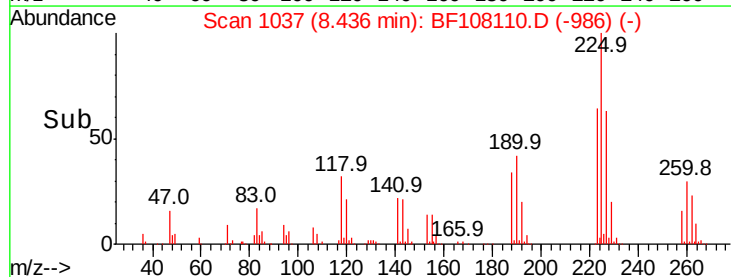
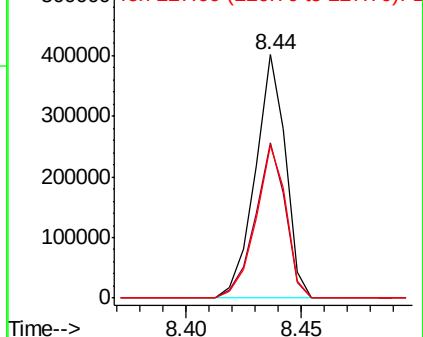


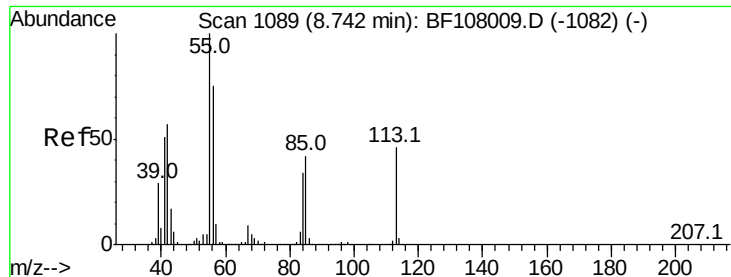
Abundance

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: 29.917 ng

RT: 8.74 min Scan# 1089

Delta R.T. 0.00 min

Lab File: BF108110.D

Acq: 13 Aug 2018 12:26

Instrument :

BNA_F

ClientSampleId :

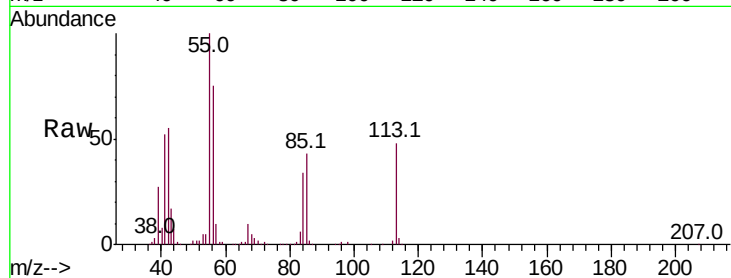
Tot Ion:113 Resp: 102400

Ion Ratio Lower Upper

113 100

55 209.3 163.3 203.3#

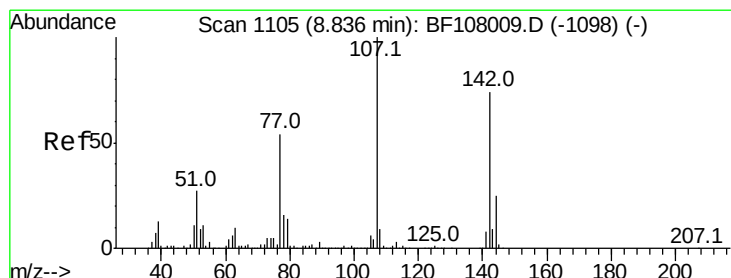
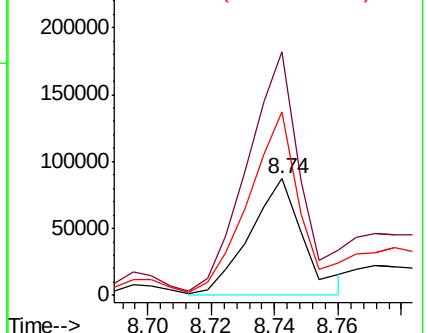
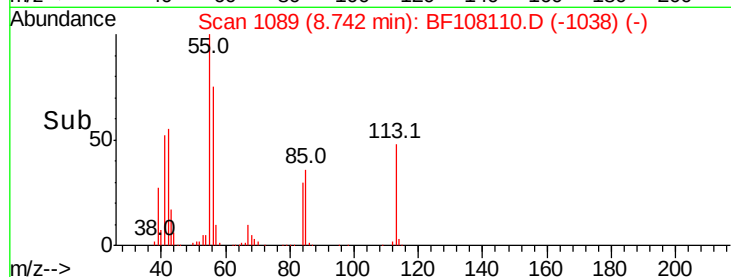
56 157.5 115.7 155.7#



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: 46.784 ng

RT: 8.85 min Scan# 1107

Delta R.T. 0.01 min

Lab File: BF108110.D

Acq: 13 Aug 2018 12:26

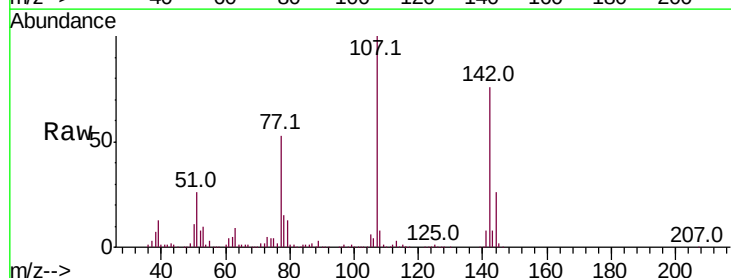
Tgt Ion:107 Resp: 551255

Ion Ratio Lower Upper

107 100

144 25.9 20.5 30.7

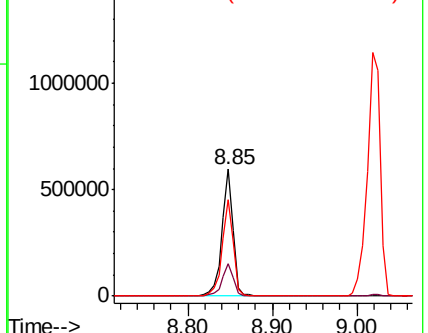
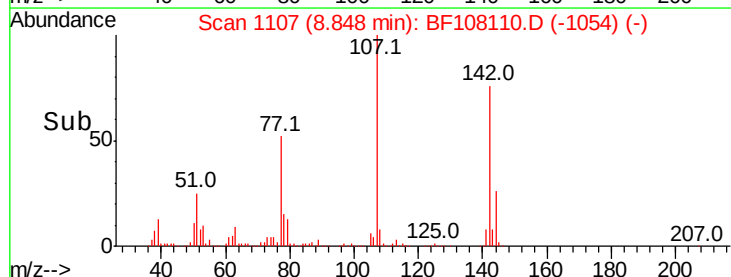
142 76.1 62.0 93.0

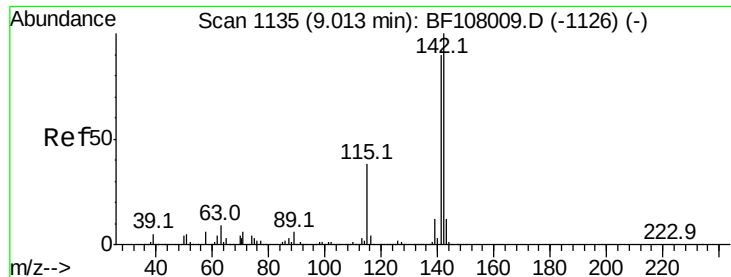


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



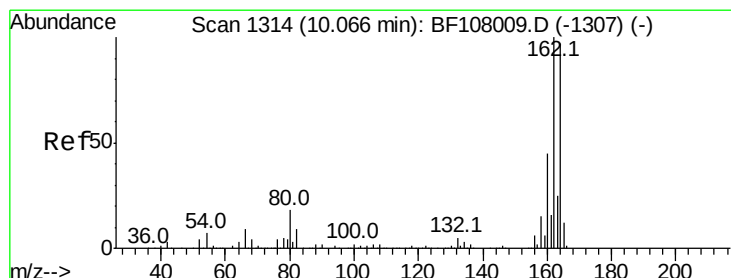
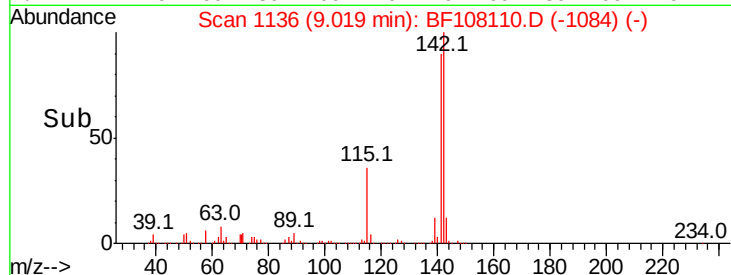
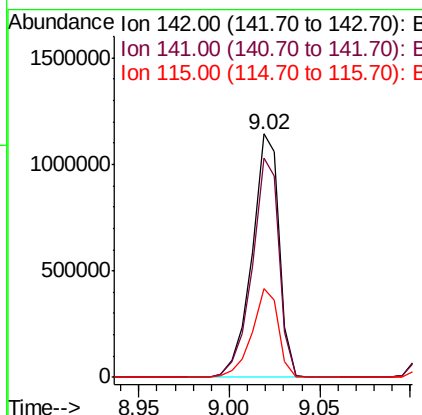
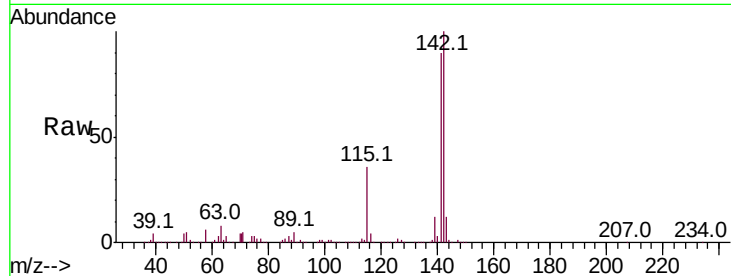


#37
 2-Methylnaphthalene
 Concen: 47.204 ng
 RT: 9.02 min Scan# 1136
 Delta R.T. 0.01 min
 Lab File: BF108110.D
 Acq: 13 Aug 2018 12:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:142 Resp: 1189110

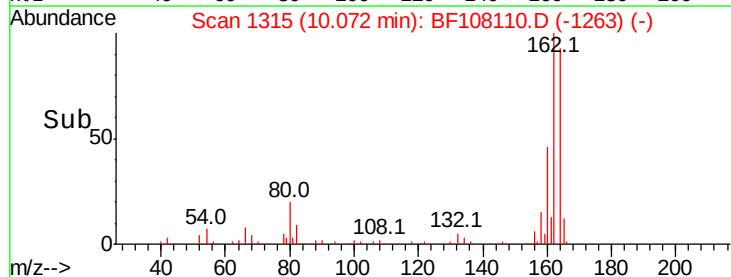
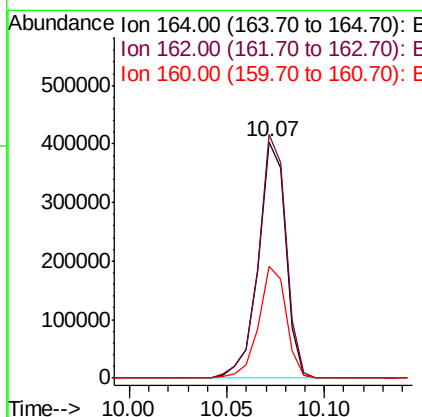
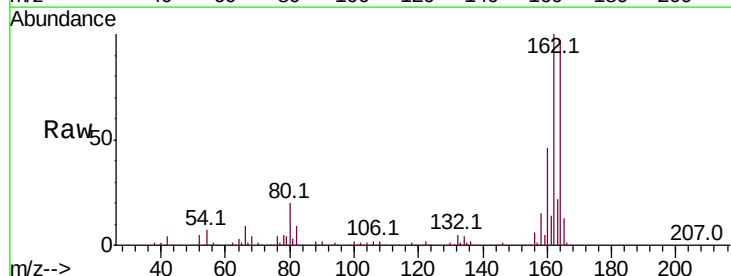
Ion	Ratio	Lower	Upper
142	100		
141	90.1	70.8	106.2
115	36.4	26.1	39.1

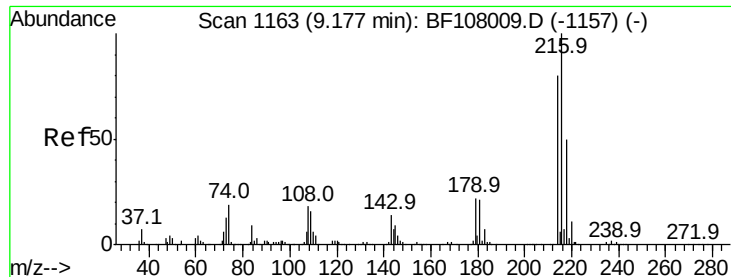


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.07 min Scan# 1315
 Delta R.T. 0.01 min
 Lab File: BF108110.D
 Acq: 13 Aug 2018 12:26

Tgt Ion:164 Resp: 392295

Ion	Ratio	Lower	Upper
164	100		
162	103.1	86.1	129.1
160	47.3	38.3	57.5

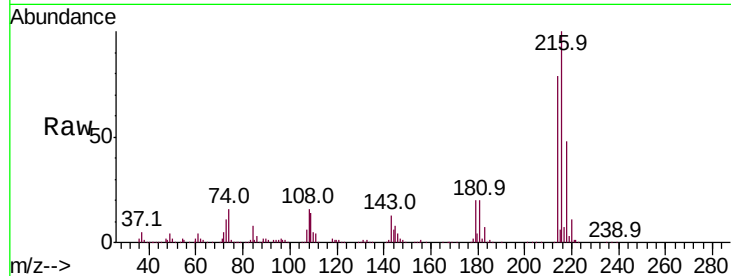




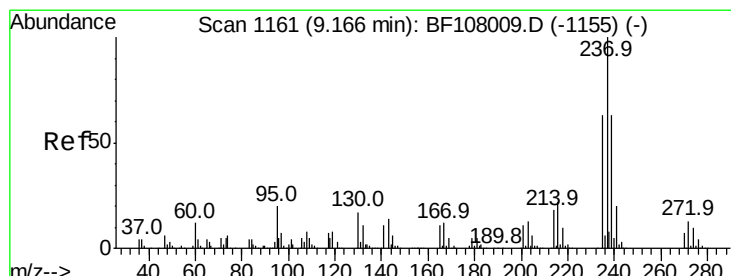
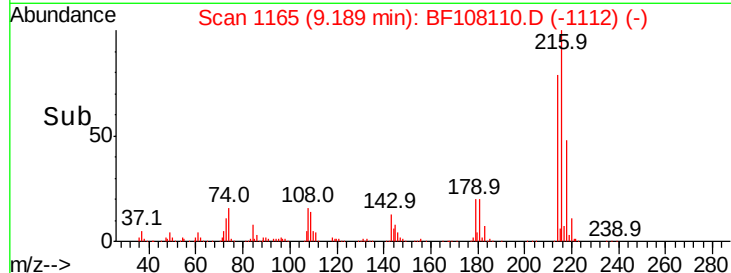
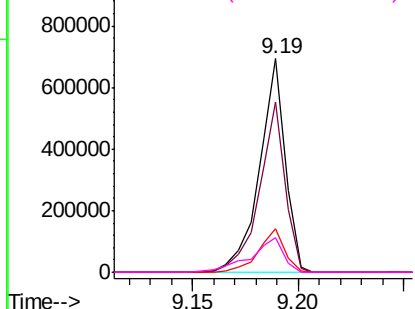
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 49.076 ng
 RT: 9.19 min Scan# 1165
 Delta R.T. 0.01 min
 Lab File: BF108110.D
 Acq: 13 Aug 2018 12:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	216	Resp:	591214
Ion Ratio	Lower	Upper	
216	100		
214	78.9	63.0	94.4
179	20.4	18.1	27.1
108	20.7	17.2	25.8

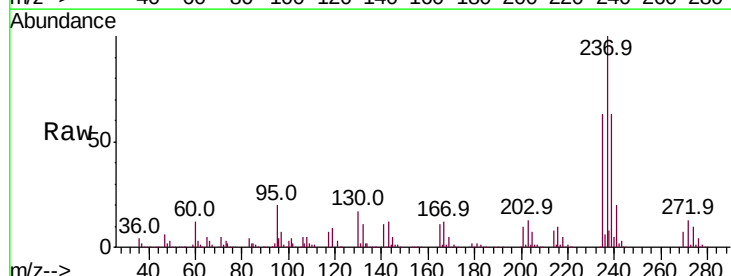


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

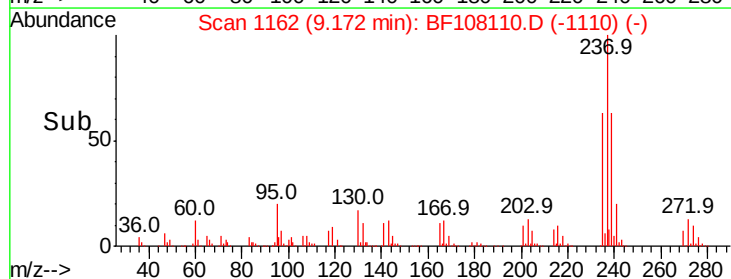
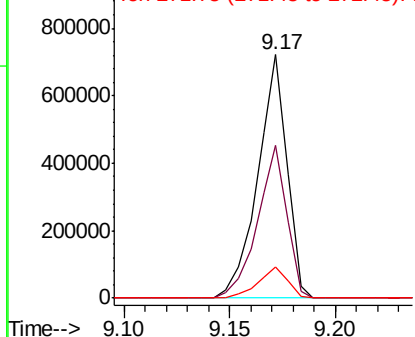


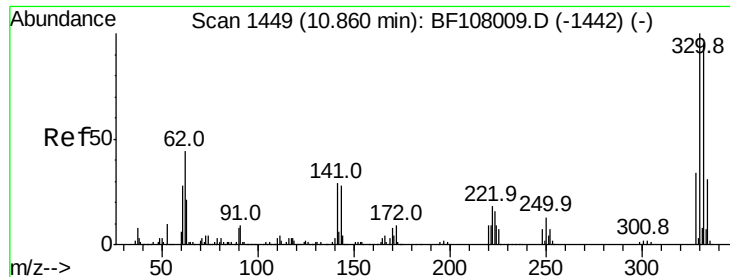
#40
 Hexachlorocyclopentadiene
 Concen: 89.018 ng
 RT: 9.17 min Scan# 1162
 Delta R.T. 0.01 min
 Lab File: BF108110.D
 Acq: 13 Aug 2018 12:26

Tgt Ion:	237	Resp:	692672
Ion Ratio	Lower	Upper	
237	100		
235	62.6	44.8	84.8
272	12.9	0.0	33.3



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

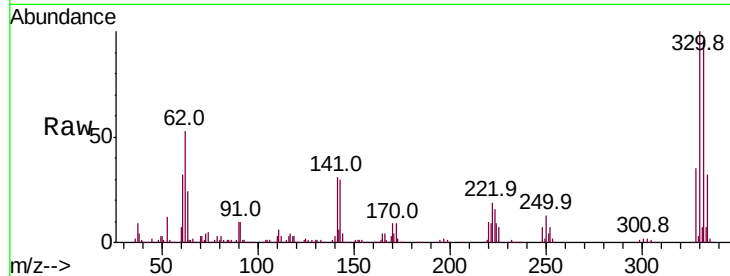




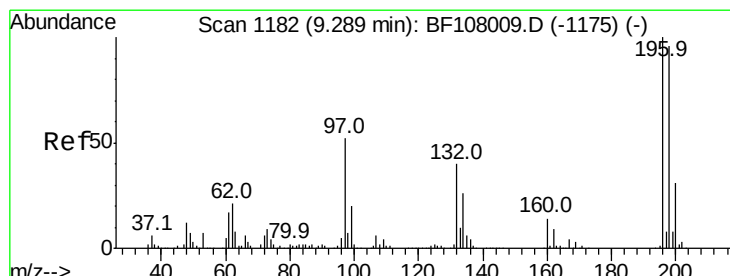
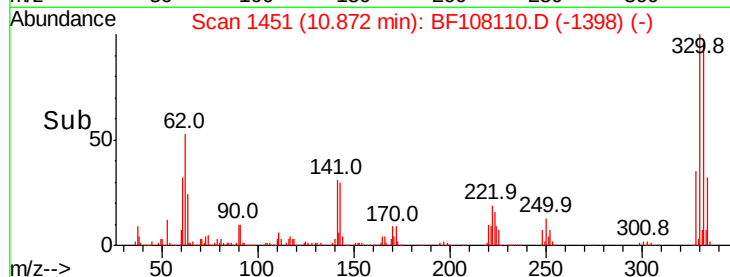
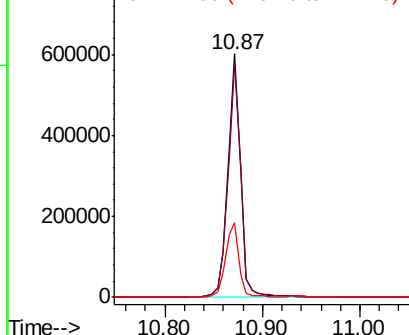
#41
 2,4,6-Tribromophenol
 Concen: 139.871 ng
 RT: 10.87 min Scan# 1451
 Delta R.T. 0.01 min
 Lab File: BF108110.D
 Acq: 13 Aug 2018 12:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	32.7	29.9	44.9

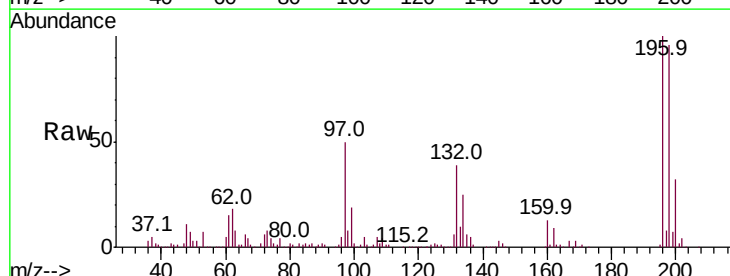


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

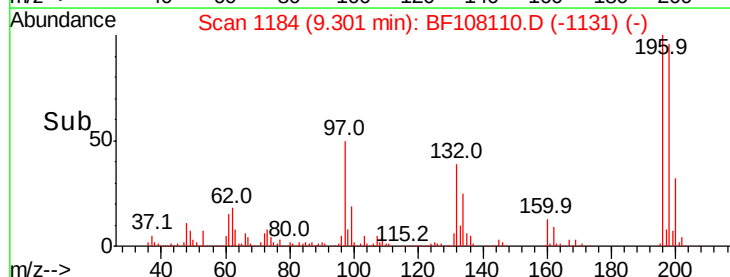
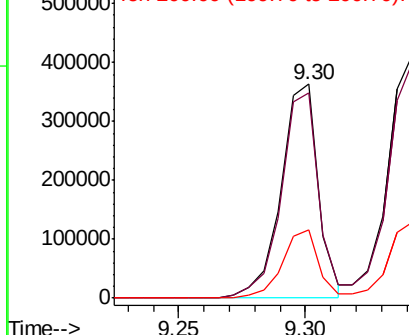


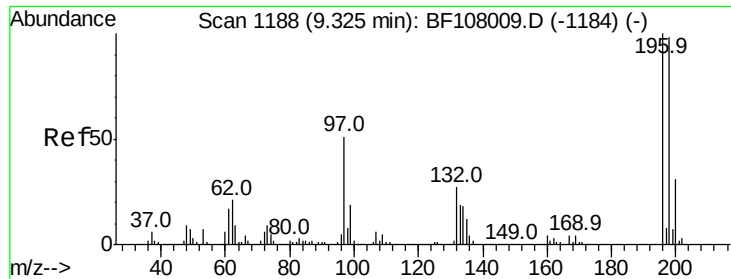
#42
 2,4,6-Trichlorophenol
 Concen: 49.669 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. 0.01 min
 Lab File: BF108110.D
 Acq: 13 Aug 2018 12:26

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.9	75.7	113.5
200	31.6	24.5	36.7



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

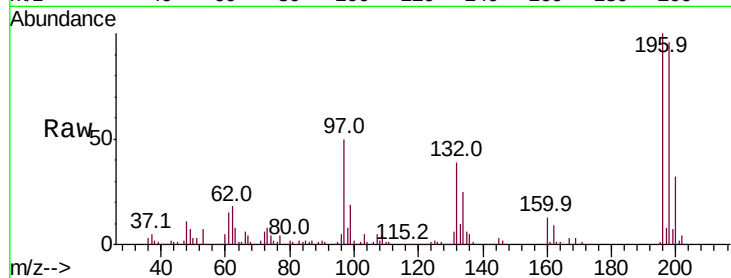




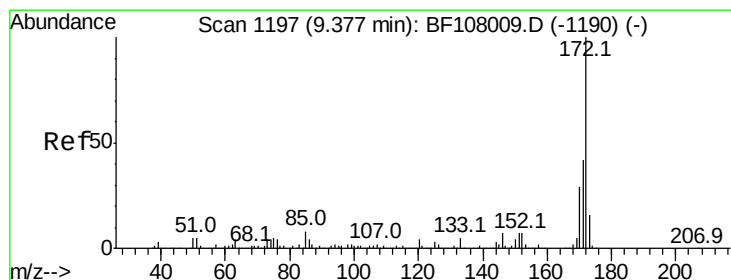
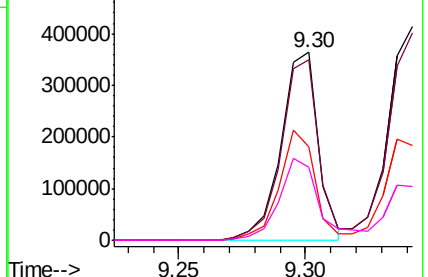
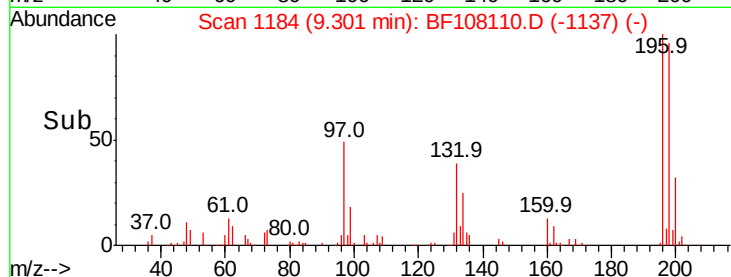
#43
 2,4,5-Trichlorophenol
 Concen: 45.120 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF108110.D
 Acq: 13 Aug 2018 12:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	371310
Ion	Ratio	Lower	Upper
196	100		
198	95.9	74.6	112.0
97	49.6	42.9	64.3
132	39.1	26.3	39.5

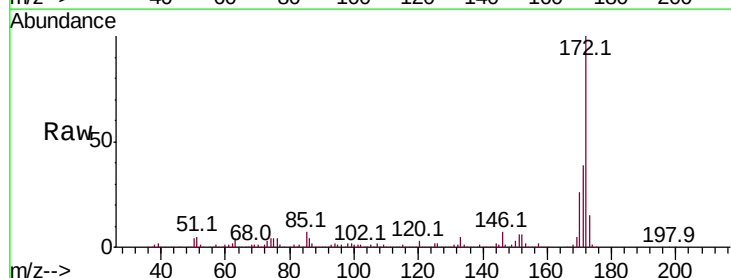


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

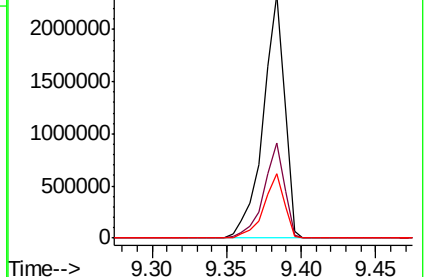
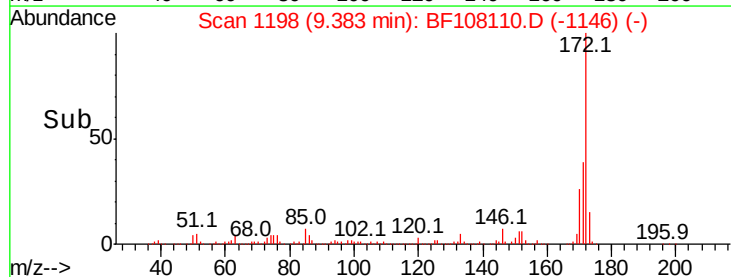


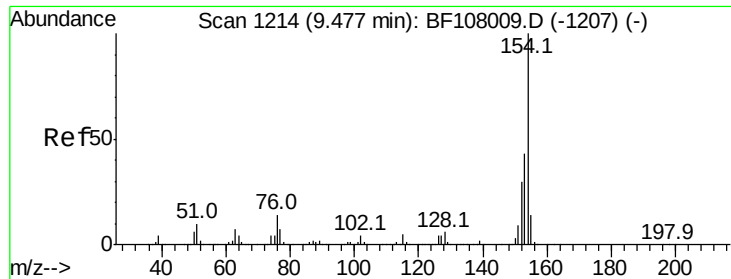
#44
 2-Fluorobiphenyl
 Concen: 94.116 ng
 RT: 9.38 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF108110.D
 Acq: 13 Aug 2018 12:26

Tgt Ion:	172	Resp:	2299720
Ion	Ratio	Lower	Upper
172	100		
171	39.3	29.7	44.5
170	26.4	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 48.938 ng

RT: 9.49 min Scan# 1216

Delta R.T. 0.01 min

Lab File: BF108110.D

Acq: 13 Aug 2018 12:26

Instrument :

BNA_F

ClientSampleId :

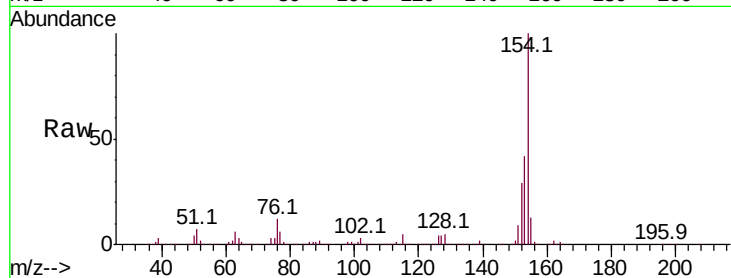
Tot Ion:154 Resp: 1415491

Ion Ratio Lower Upper

154 100

153 41.7 21.3 61.3

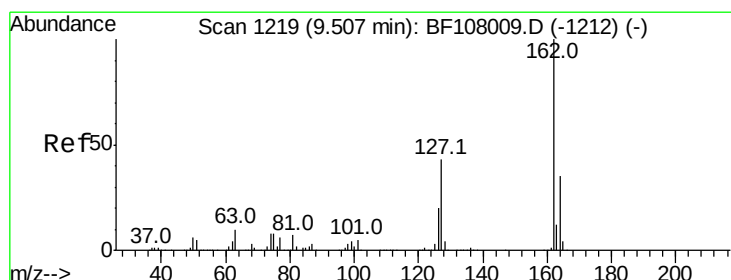
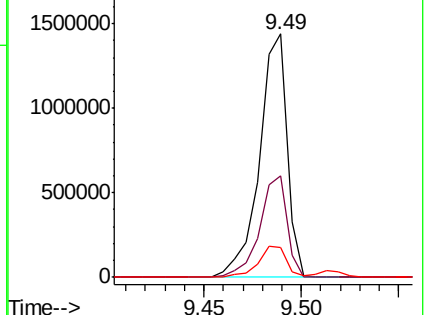
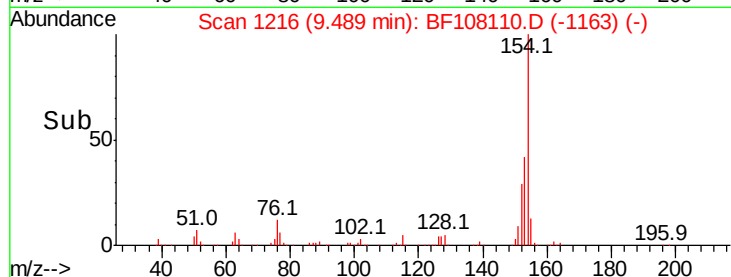
76 12.1 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 48.668 ng

RT: 9.52 min Scan# 1221

Delta R.T. 0.01 min

Lab File: BF108110.D

Acq: 13 Aug 2018 12:26

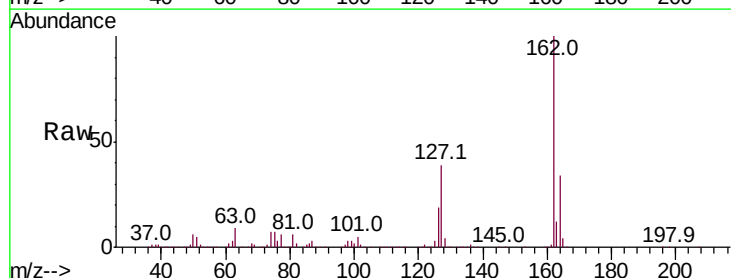
Tgt Ion:162 Resp: 1112578

Ion Ratio Lower Upper

162 100

127 39.2 33.9 50.9

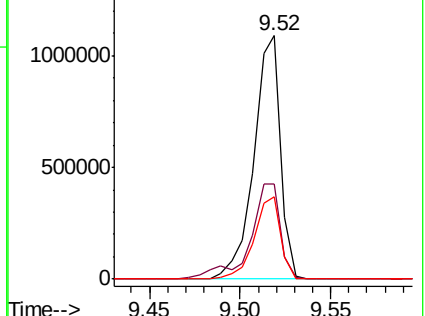
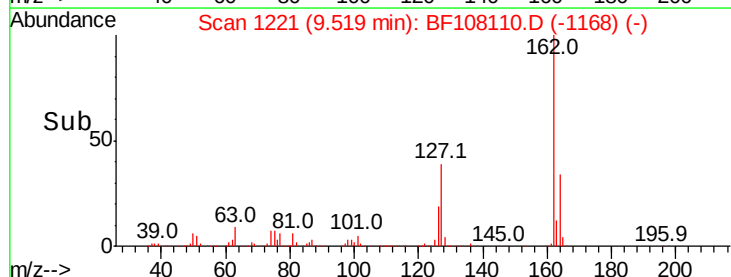
164 33.8 26.5 39.7

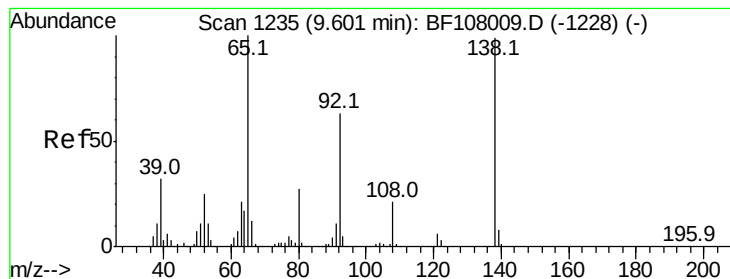


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 50.254 ng

RT: 9.61 min Scan# 1236

Delta R.T. 0.01 min

Lab File: BF108110.D

Acq: 13 Aug 2018 12:26

Instrument :

BNA_F

ClientSampleId :

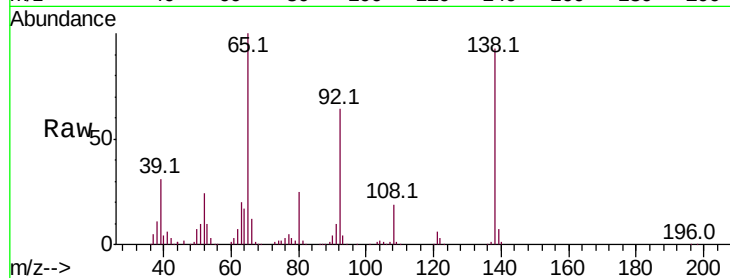
Tot Ion: 65 Resp: 371714

Ion Ratio Lower Upper

65 100

92 63.9 55.8 83.6

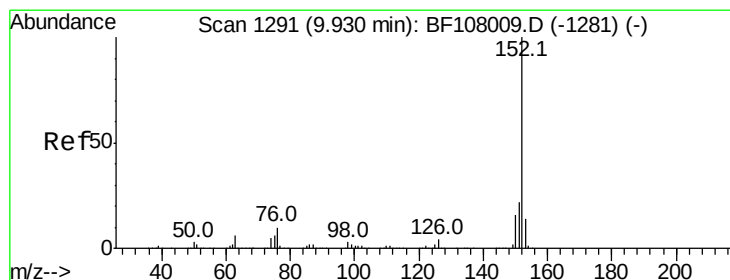
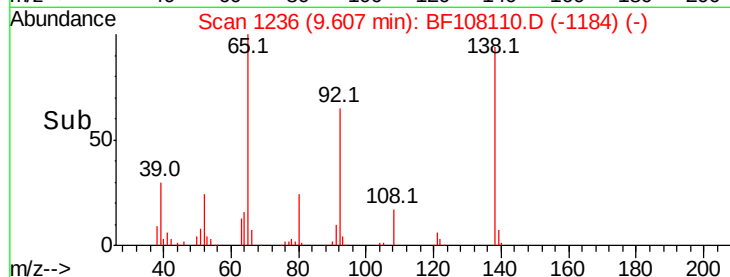
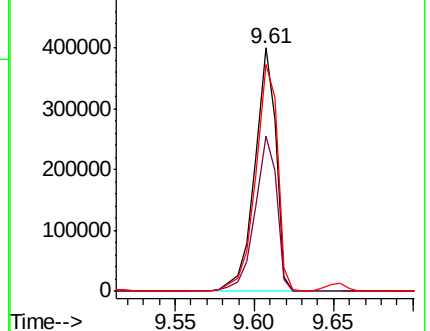
138 93.0 91.2 136.8



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: 48.864 ng

RT: 9.94 min Scan# 1292

Delta R.T. 0.01 min

Lab File: BF108110.D

Acq: 13 Aug 2018 12:26

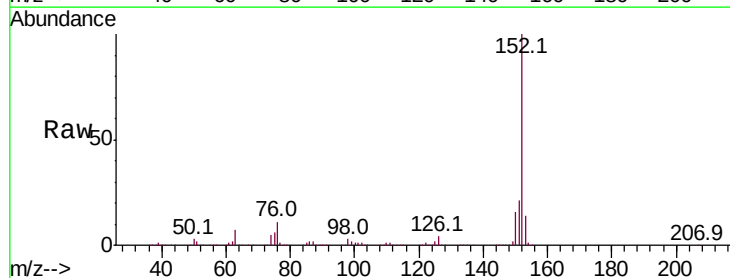
Tgt Ion: 152 Resp: 1765965

Ion Ratio Lower Upper

152 100

151 21.5 16.3 24.5

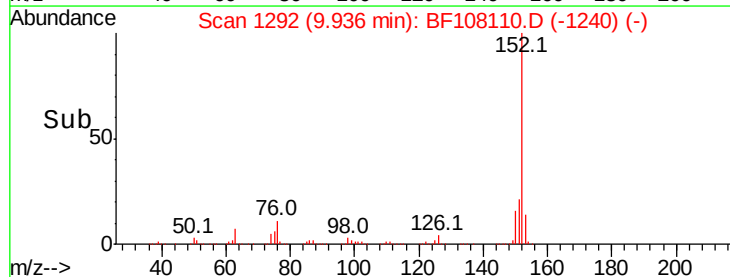
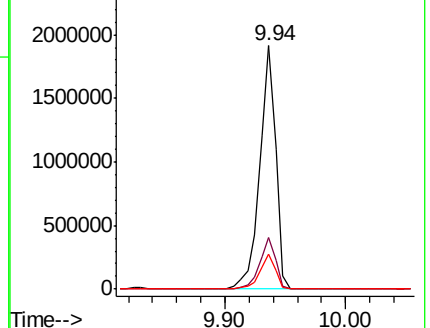
153 14.2 10.7 16.1

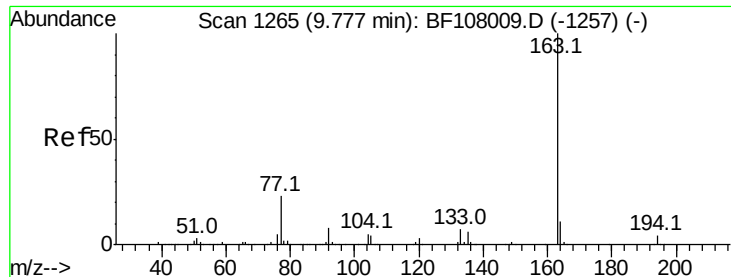


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

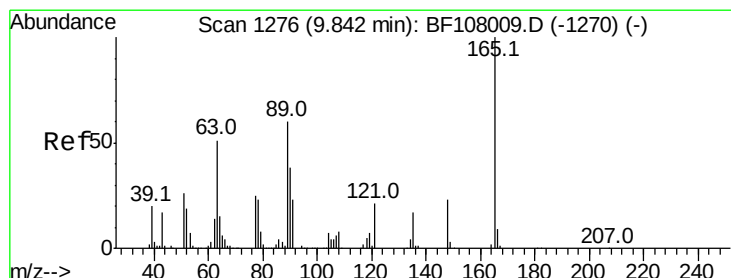
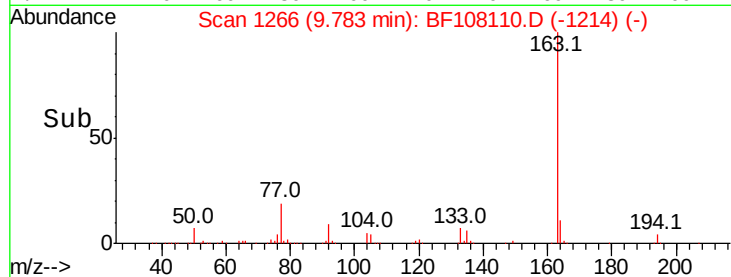
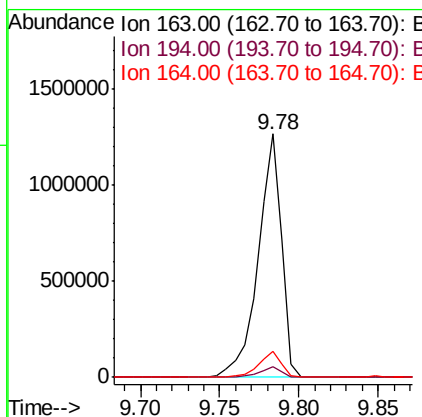
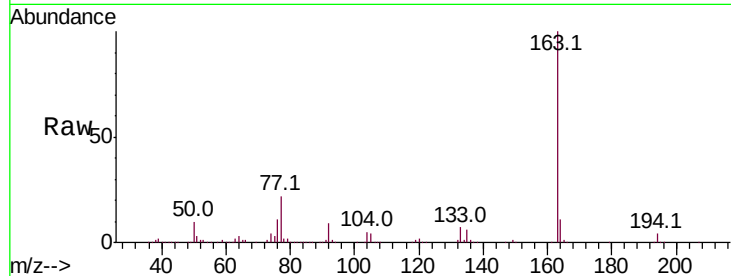




#49
 Dimethylphthalate
 Concen: 47.704 ng
 RT: 9.78 min Scan# 1266
 Delta R.T. 0.01 min
 Lab File: BF108110.D
 Acq: 13 Aug 2018 12:26

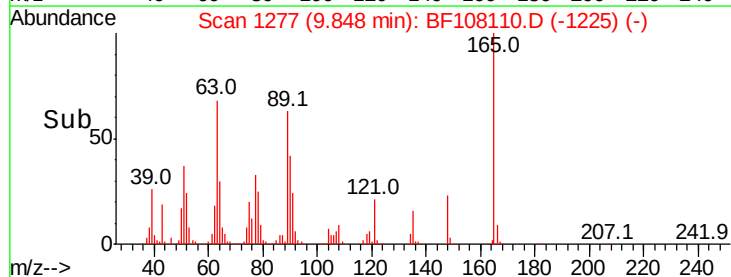
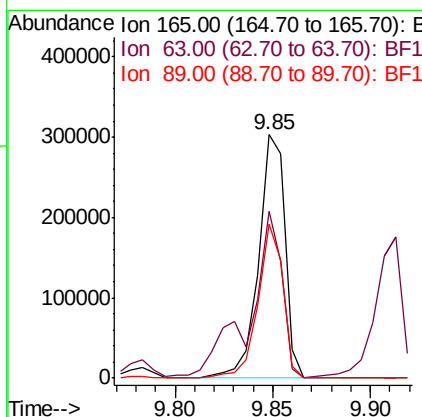
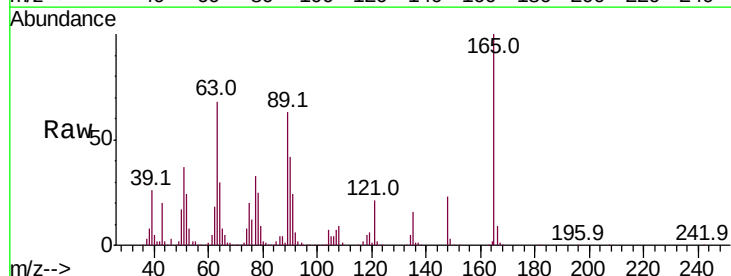
Instrument :
 BNA_F
 ClientSampleId :

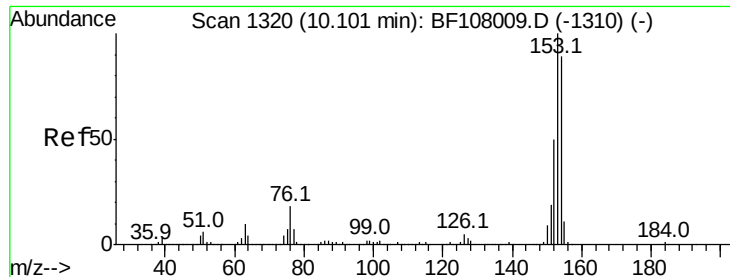
Tot Ion:163 Resp: 1303599
 Ion Ratio Lower Upper
 163 100
 194 4.3 2.7 4.1#
 164 10.7 8.2 12.2



#50
 2,6-Dinitrotoluene
 Concen: 49.703 ng
 RT: 9.85 min Scan# 1277
 Delta R.T. 0.01 min
 Lab File: BF108110.D
 Acq: 13 Aug 2018 12:26

Tgt Ion:165 Resp: 284163
 Ion Ratio Lower Upper
 165 100
 63 68.4 44.7 67.1#
 89 63.0 44.0 66.0





#51

Acenaphthene

Concen: 47.494 ng

RT: 10.11 min Scan# 1321

Delta R.T. 0.01 min

Lab File: BF108110.D

Acq: 13 Aug 2018 12:26

Instrument :

BNA_F

ClientSampleId :

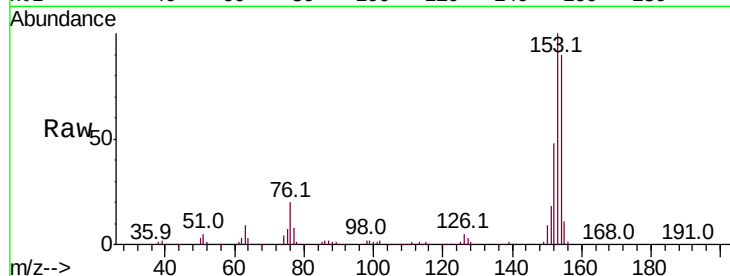
Tot Ion:154 Resp: 1051321

Ion Ratio Lower Upper

154 100

153 111.7 91.2 136.8

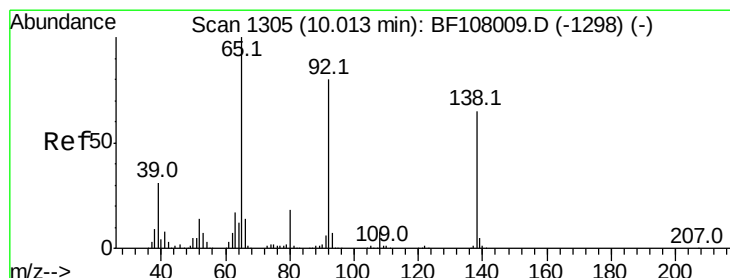
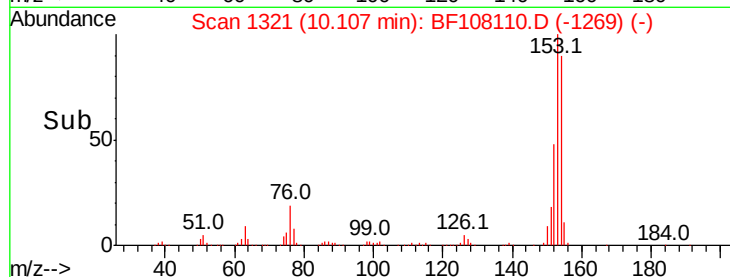
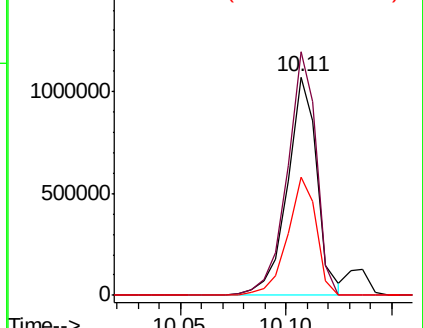
152 54.1 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 38.109 ng

RT: 10.02 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BF108110.D

Acq: 13 Aug 2018 12:26

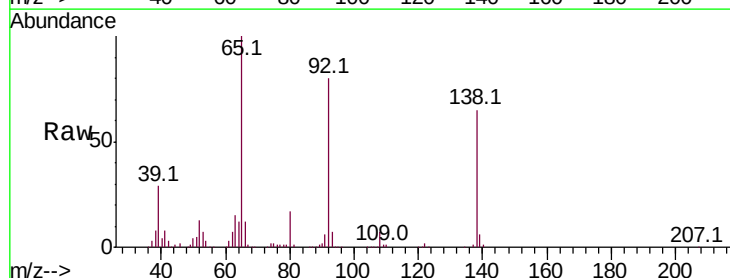
Tgt Ion:138 Resp: 238389

Ion Ratio Lower Upper

138 100

108 11.3 9.4 14.0

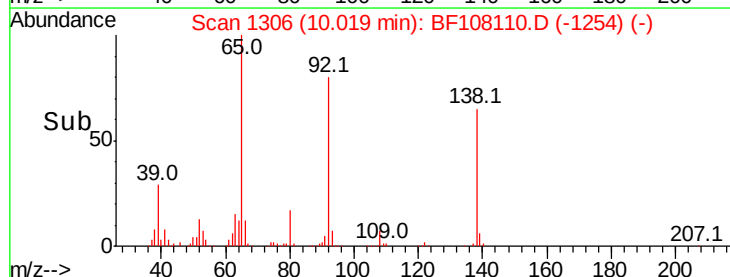
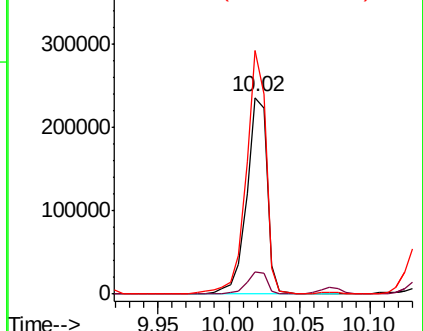
92 123.8 89.4 134.2

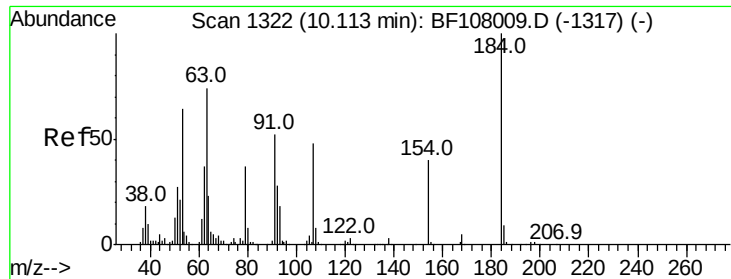


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

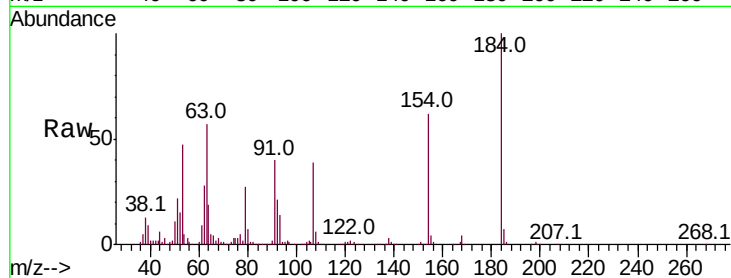




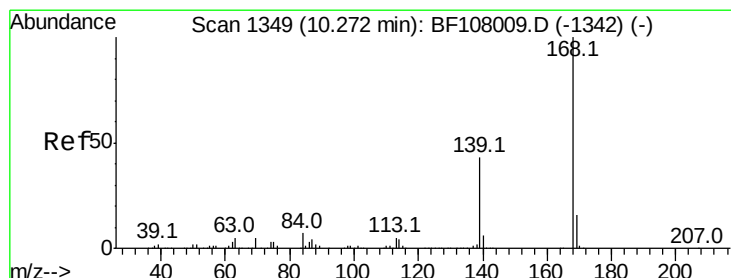
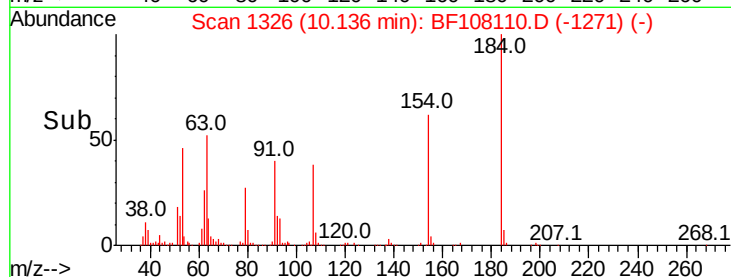
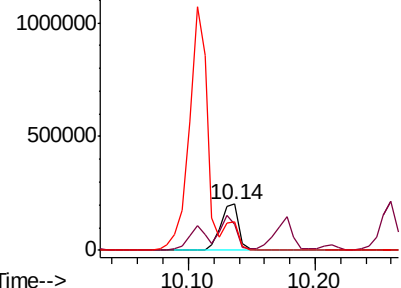
#53
2,4-Dinitrophenol
Concen: 91.453 ng
RT: 10.14 min Scan# 1326
Delta R.T. 0.02 min
Lab File: BF108110.D
Acq: 13 Aug 2018 12:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 198035
Ion Ratio Lower Upper
184 100
63 57.2 54.2 81.2
154 62.0 184.0 276.0#

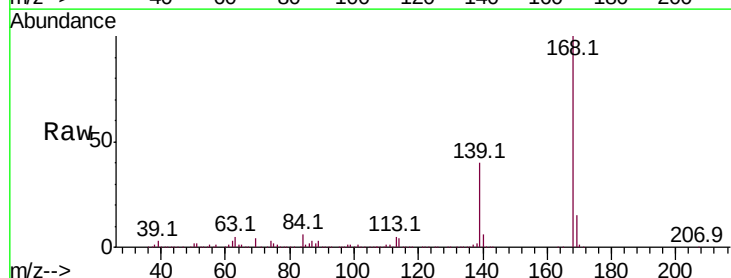


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

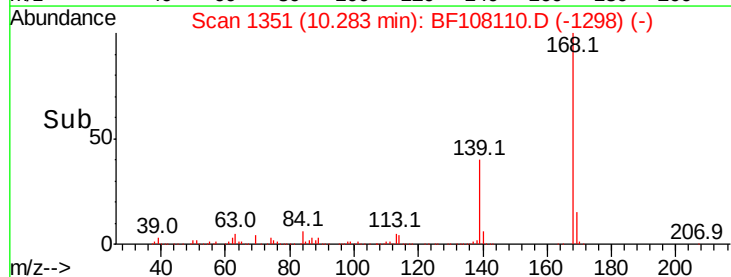
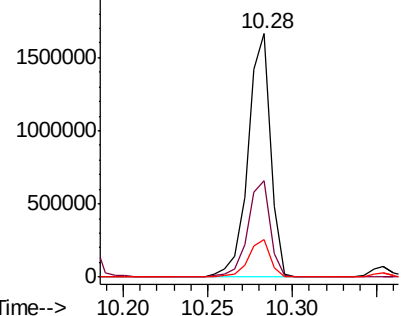


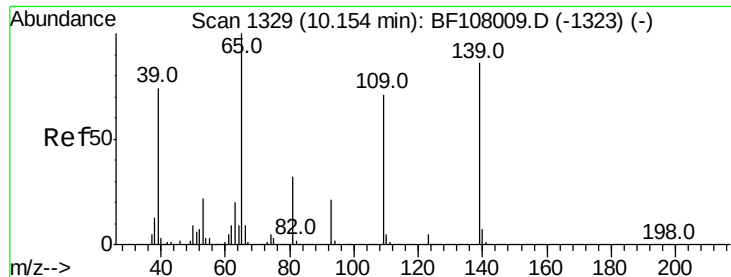
#54
Dibenzofuran
Concen: 48.071 ng
RT: 10.28 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF108110.D
Acq: 13 Aug 2018 12:26

Tgt Ion:168 Resp: 1541649
Ion Ratio Lower Upper
168 100
139 39.7 30.1 45.1
169 15.3 10.9 16.3



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





#55

4-Nitrophenol

Concen: 95.247 ng

RT: 10.18 min Scan# 1333

Delta R.T. 0.02 min

Lab File: BF108110.D

Acq: 13 Aug 2018 12:26

Instrument :

BNA_F

ClientSampleId :

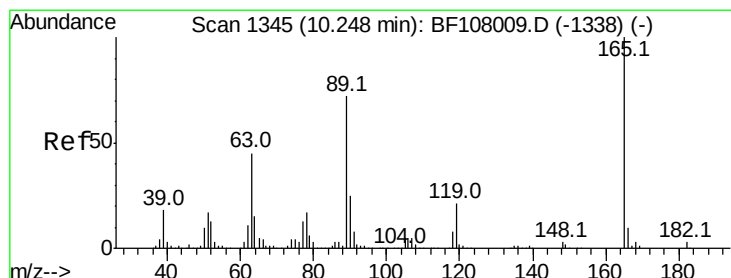
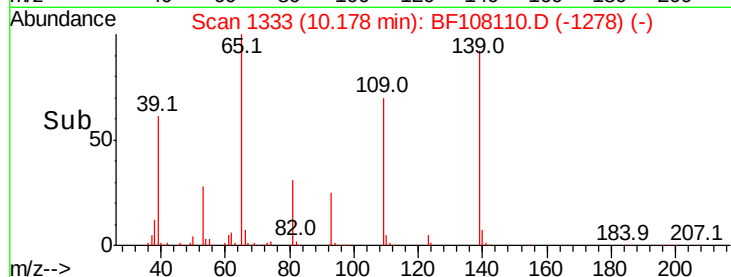
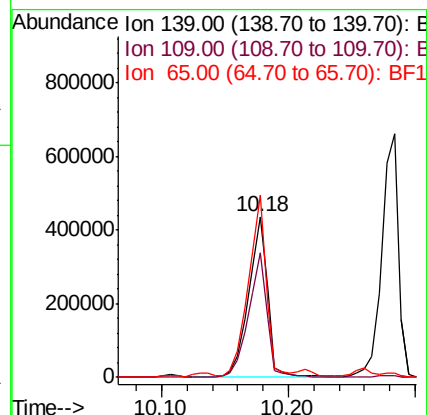
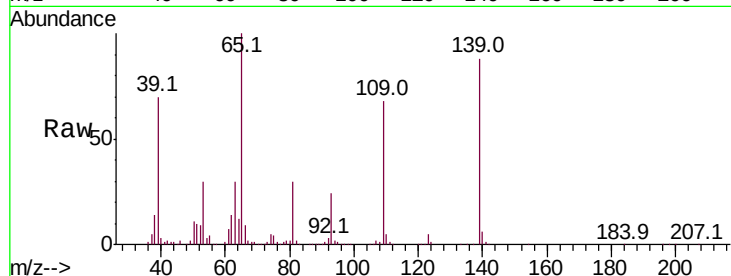
Tot Ion:139 Resp: 451179

Ion Ratio Lower Upper

139 100

109 77.3 48.4 88.4

65 113.3 72.6 112.6#



#56

2,4-Dinitrotoluene

Concen: 51.886 ng

RT: 10.26 min Scan# 1347

Delta R.T. 0.01 min

Lab File: BF108110.D

Acq: 13 Aug 2018 12:26

Tgt Ion:165 Resp: 381842

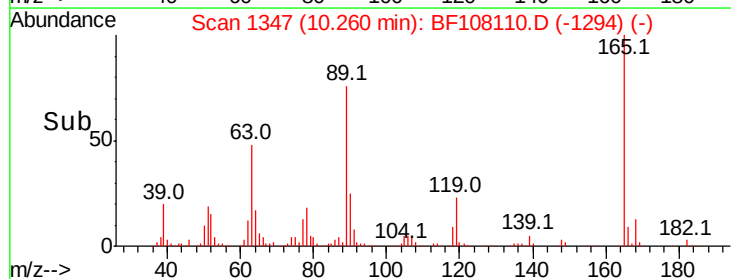
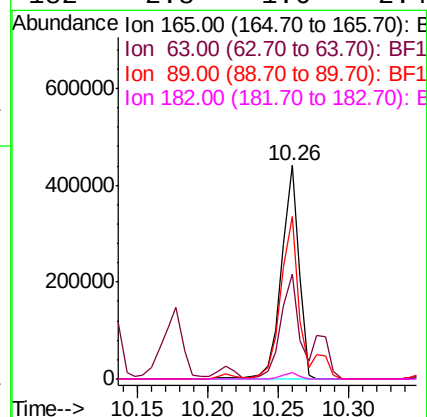
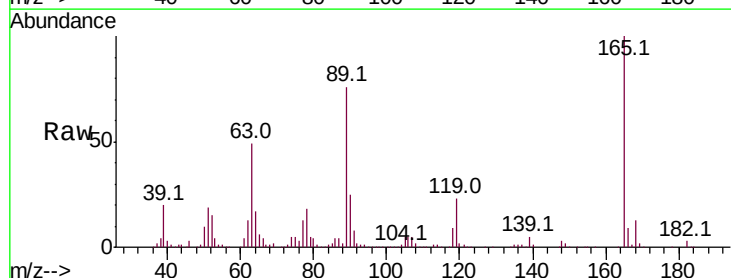
Ion Ratio Lower Upper

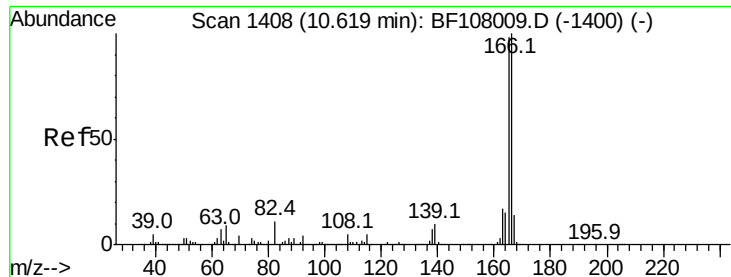
165 100

63 48.9 36.4 54.6

89 76.0 57.8 86.6

182 2.8 1.6 2.4#

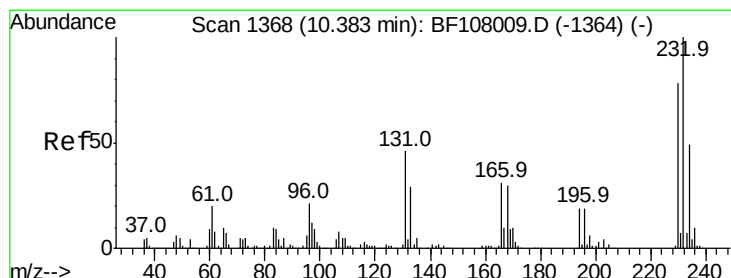
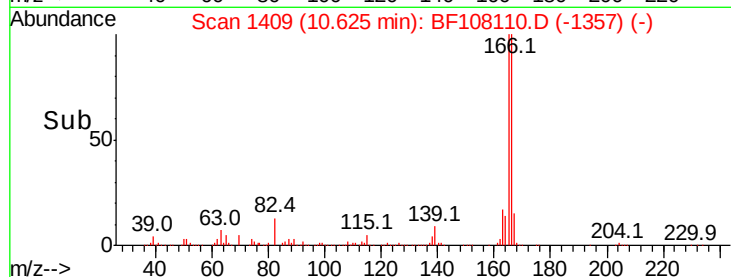
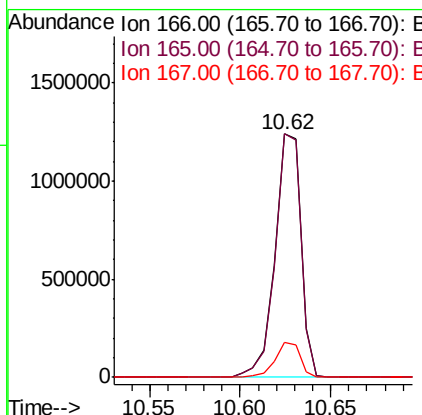
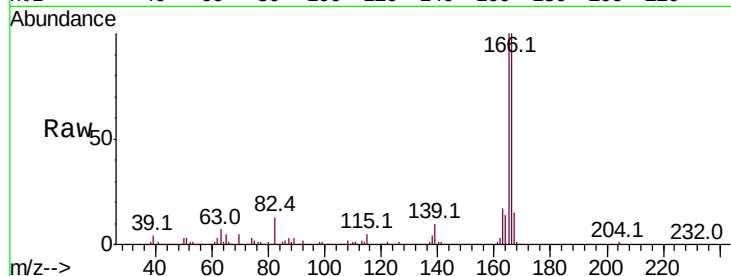




#57
 Fluorene
 Concen: 48.508 ng
 RT: 10.62 min Scan# 1409
 Delta R.T. 0.01 min
 Lab File: BF108110.D
 Acq: 13 Aug 2018 12:26

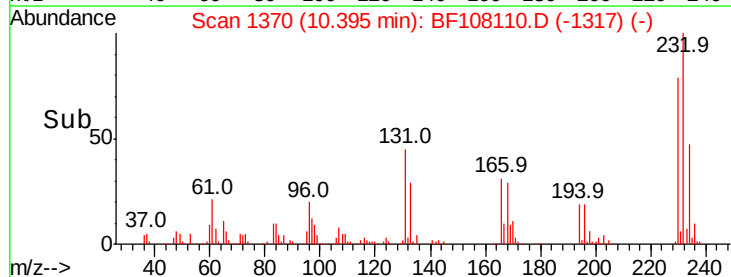
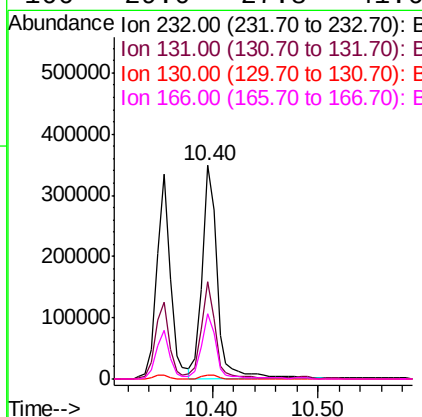
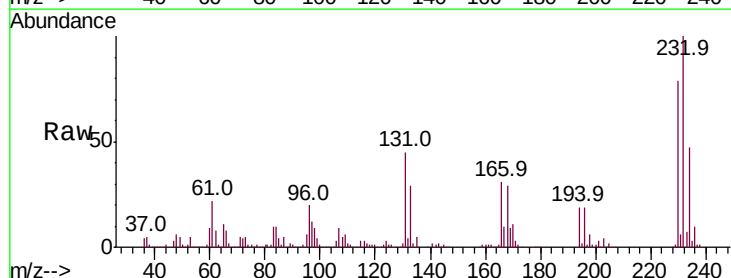
Instrument :
 BNA_F
 ClientSampleId :

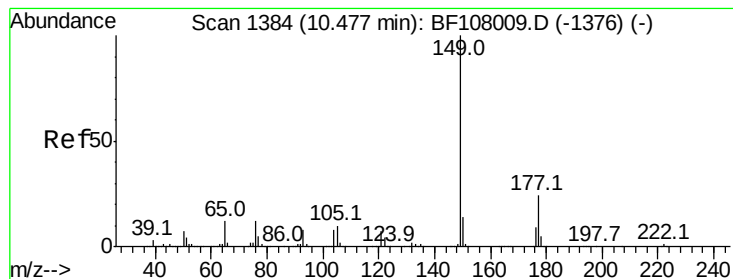
Tot Ion:166 Resp: 1231480
 Ion Ratio Lower Upper
 166 100
 165 99.9 79.8 119.8
 167 14.5 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.996 ng
 RT: 10.40 min Scan# 1370
 Delta R.T. 0.01 min
 Lab File: BF108110.D
 Acq: 13 Aug 2018 12:26

Tgt Ion:232 Resp: 343891
 Ion Ratio Lower Upper
 232 100
 131 41.9 43.8 65.8#
 130 2.1 2.1 3.1#
 166 29.0 27.8 41.6





#59

Diethylphthalate

Concen: 47.455 ng

RT: 10.48 min Scan# 1385

Delta R.T. 0.01 min

Lab File: BF108110.D

Acq: 13 Aug 2018 12:26

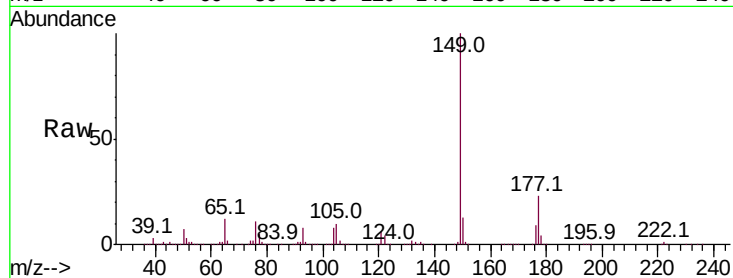
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1255729

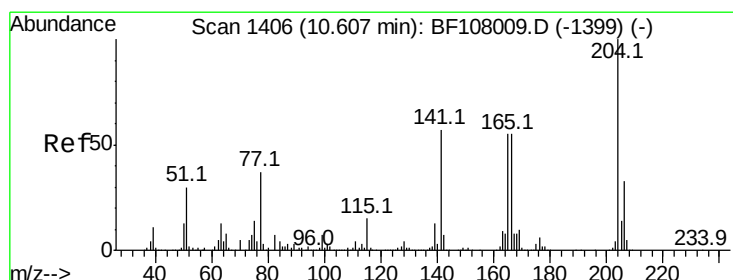
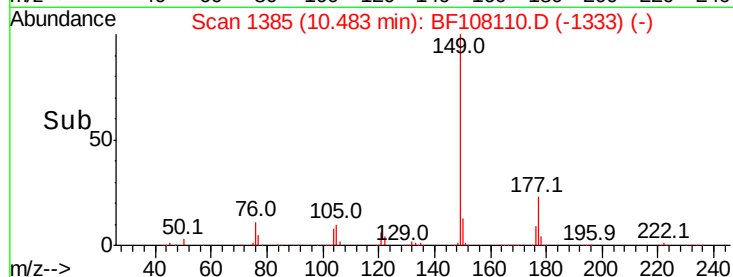
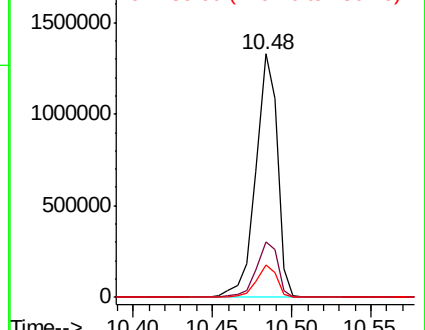
Ion	Ratio	Lower	Upper
149	100		
177	23.0	16.1	24.1
150	13.4	10.1	15.1



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: 47.369 ng

RT: 10.61 min Scan# 1407

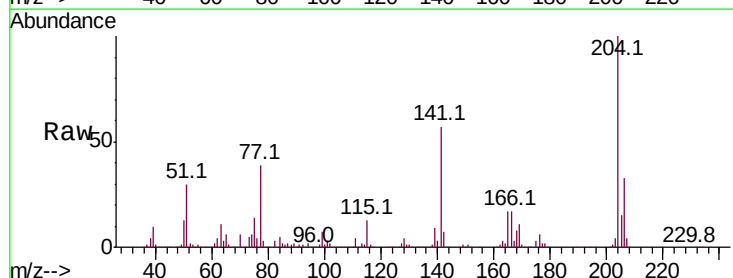
Delta R.T. 0.01 min

Lab File: BF108110.D

Acq: 13 Aug 2018 12:26

Tgt Ion:204 Resp: 626619

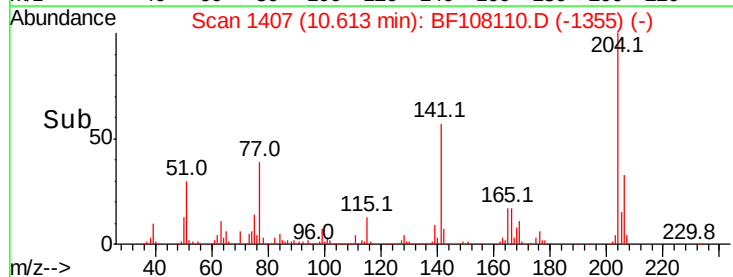
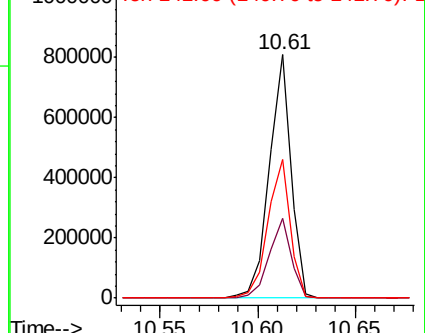
Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.5	39.7
141	57.2	54.6	81.8

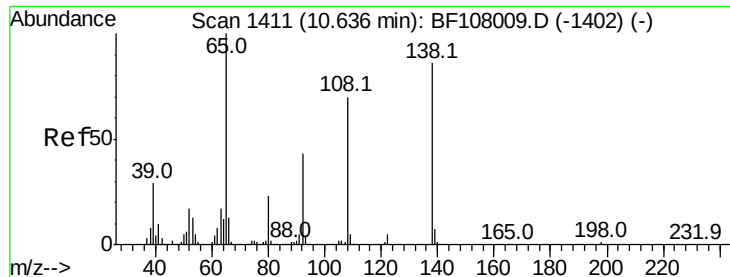


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

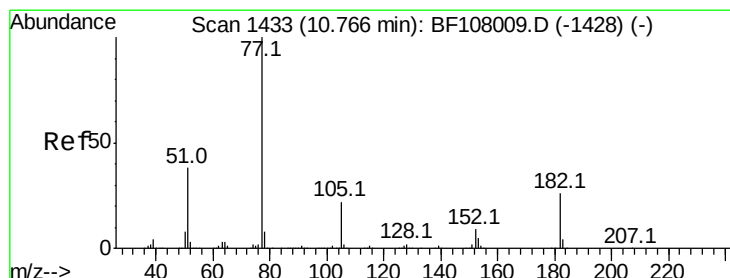
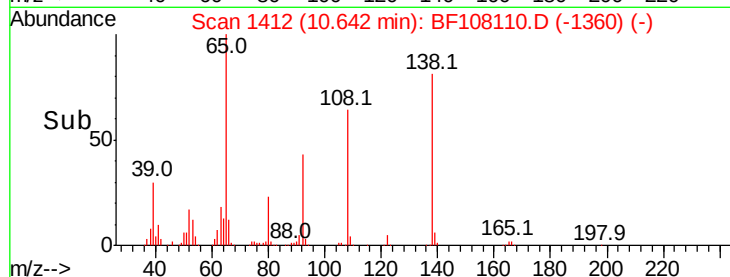
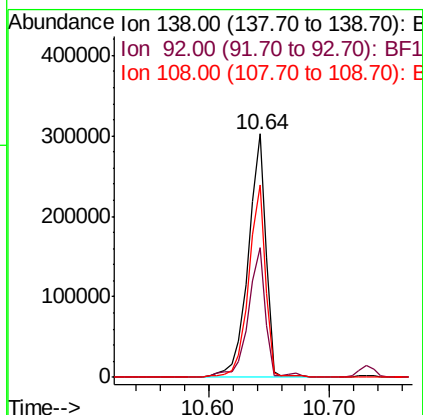
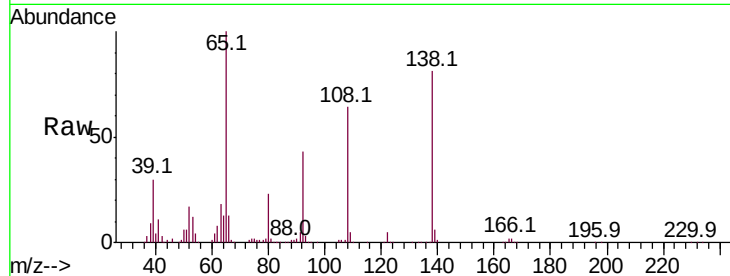




#61
4-Nitroaniline
Concen: 50.161 ng
RT: 10.64 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF108110.D
Acq: 13 Aug 2018 12:26

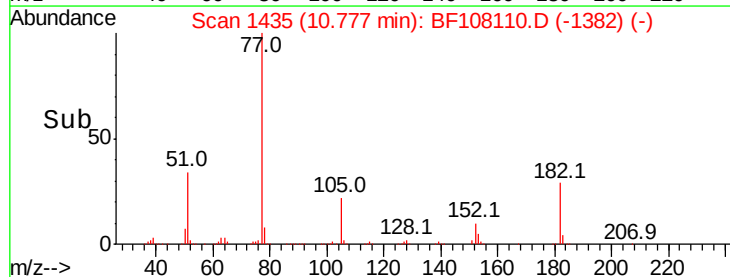
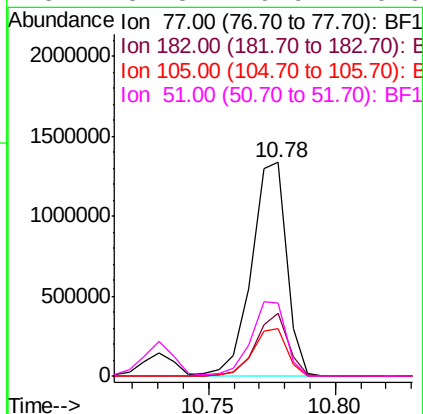
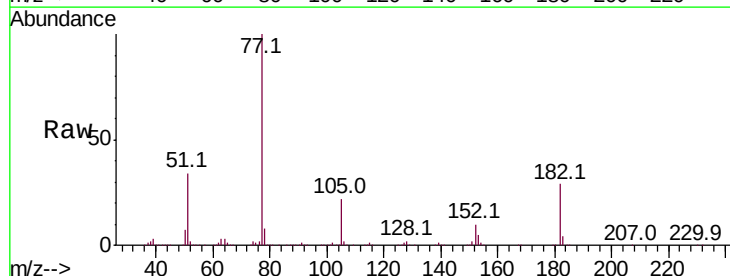
Instrument :
BNA_F
ClientSampleId :

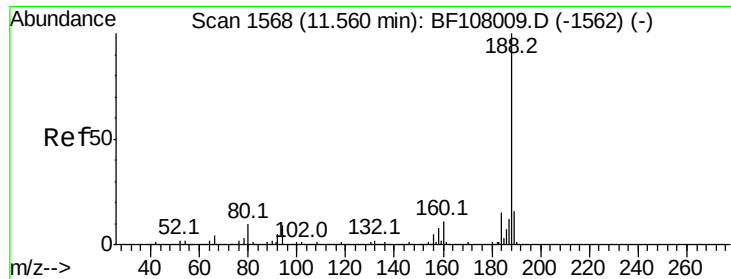
Tot Ion:138 Resp: 310227
Ion Ratio Lower Upper
138 100
92 53.2 30.2 70.2
108 79.2 52.5 92.5



#62
Azobenzene
Concen: 47.395 ng
RT: 10.78 min Scan# 1435
Delta R.T. 0.01 min
Lab File: BF108110.D
Acq: 13 Aug 2018 12:26

Tgt Ion: 77 Resp: 1295185
Ion Ratio Lower Upper
77 100
182 29.2 1.7 41.7
105 22.4 3.0 43.0
51 34.3 9.9 49.9

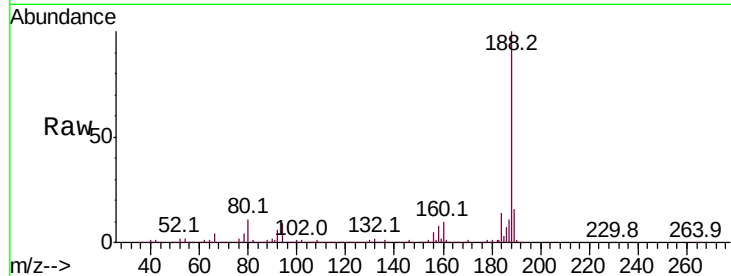




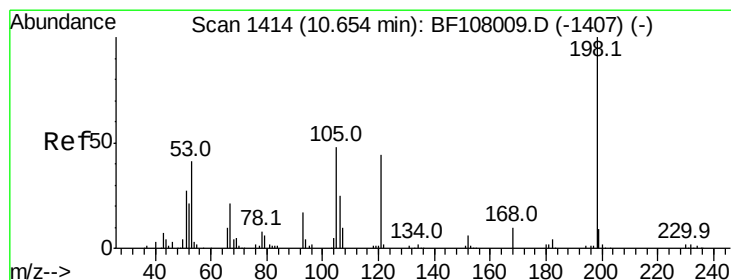
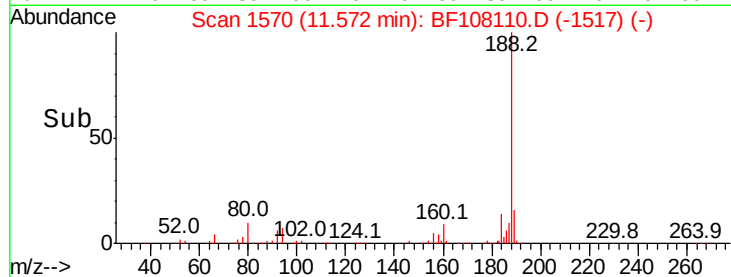
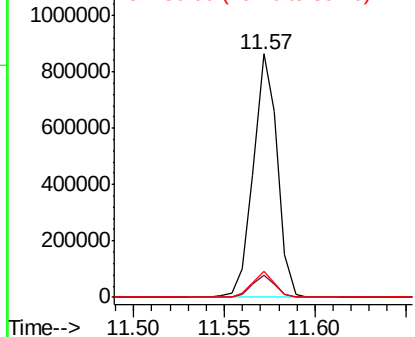
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.57 min Scan# 1570
Delta R.T. 0.01 min
Lab File: BF108110.D
Acq: 13 Aug 2018 12:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 793071
Ion Ratio Lower Upper
188 100
94 9.3 8.5 12.7
80 10.7 9.2 13.8

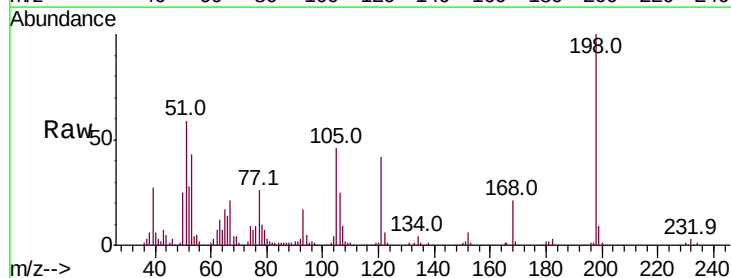


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

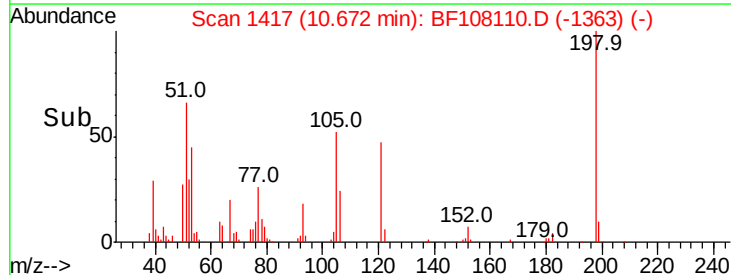
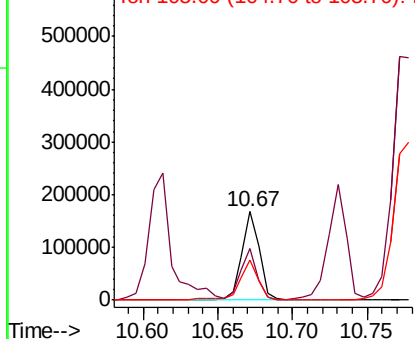


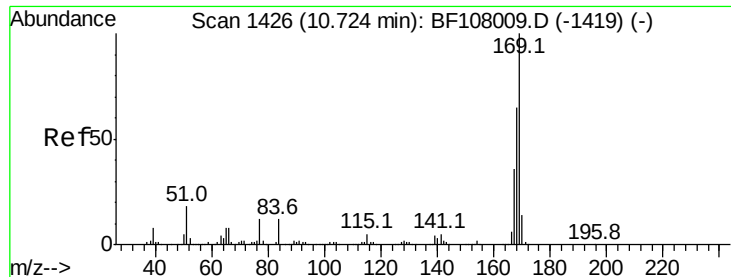
#64
4,6-Dinitro-2-methylphenol
Concen: 46.713 ng
RT: 10.67 min Scan# 1417
Delta R.T. 0.02 min
Lab File: BF108110.D
Acq: 13 Aug 2018 12:26

Tgt Ion:198 Resp: 138605
Ion Ratio Lower Upper
198 100
51 58.6 37.7 77.7
105 45.9 36.3 76.3



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

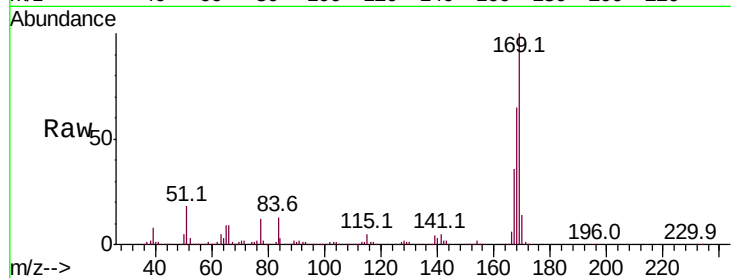




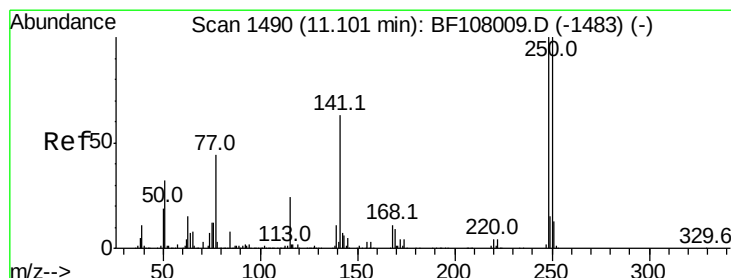
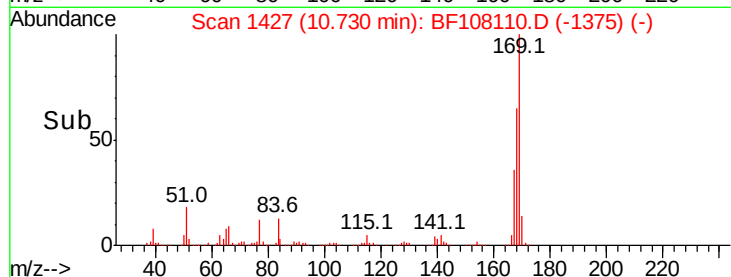
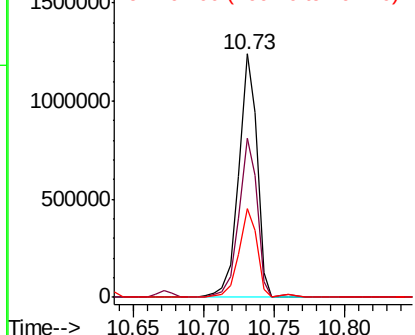
#65
n-Nitrosodiphenylamine
Concen: 47.783 ng
RT: 10.73 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF108110.D
Acq: 13 Aug 2018 12:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:169 Resp: 1119851
Ion Ratio Lower Upper
169 100
168 65.1 54.4 81.6
167 36.2 29.8 44.6

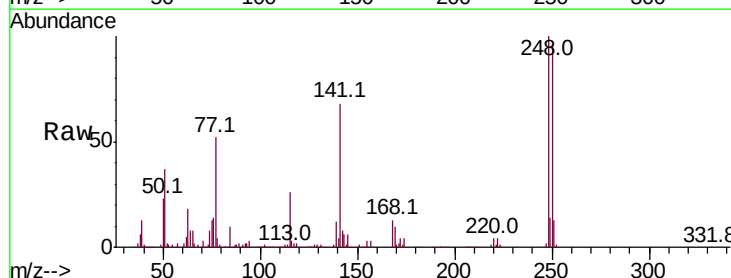


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

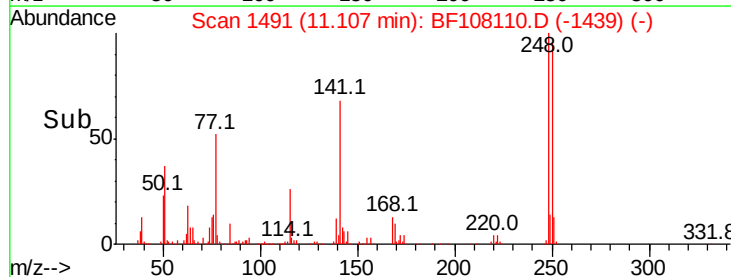
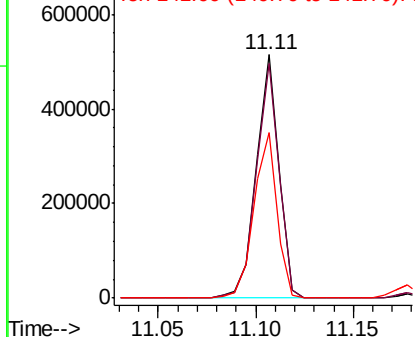


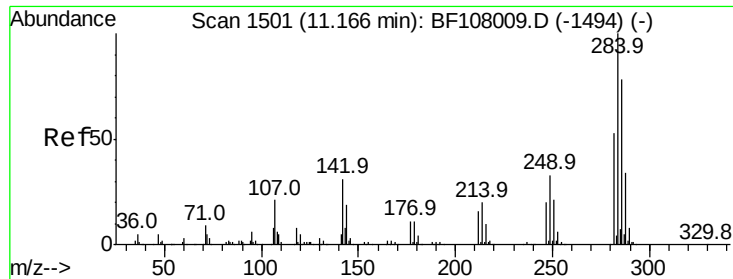
#66
4-Bromophenyl-phenylether
Concen: 47.919 ng
RT: 11.11 min Scan# 1491
Delta R.T. 0.01 min
Lab File: BF108110.D
Acq: 13 Aug 2018 12:26

Tgt Ion:248 Resp: 412991
Ion Ratio Lower Upper
248 100
250 96.1 76.9 115.3
141 67.9 74.4 111.6#



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

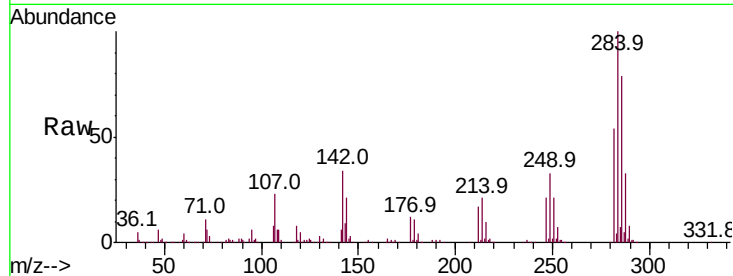




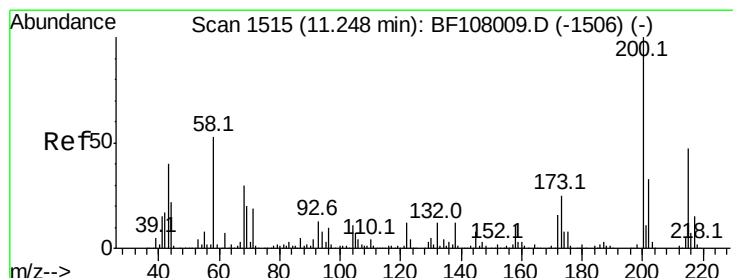
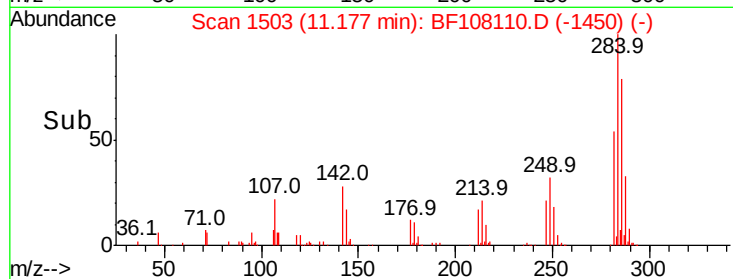
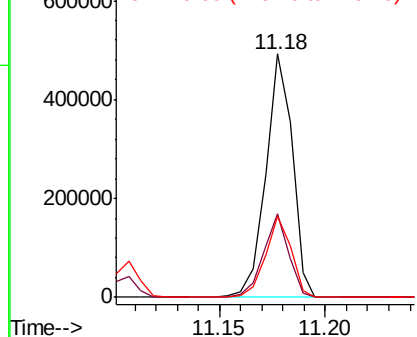
#67
Hexachlorobenzene
Concen: 47.685 ng
RT: 11.18 min Scan# 1503
Delta R.T. 0.01 min
Lab File: BF108110.D
Acq: 13 Aug 2018 12:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	34.3	34.6	52.0#
249	33.3	24.8	37.2

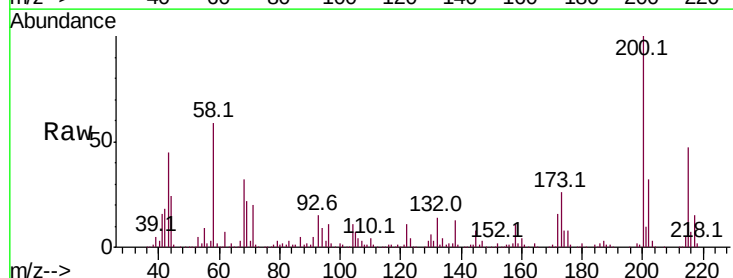


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

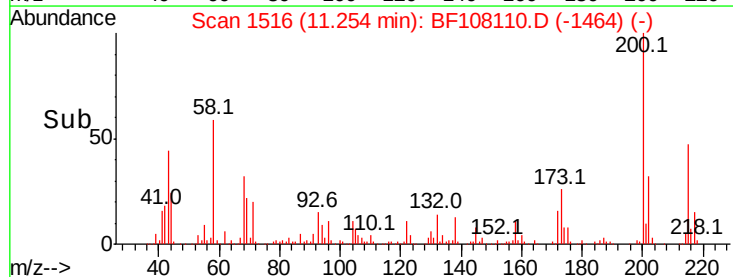
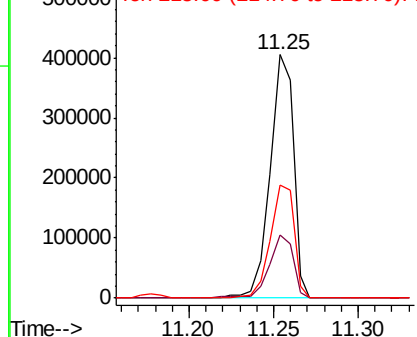


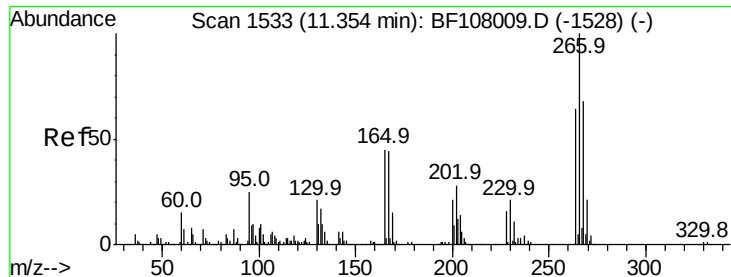
#68
Atrazine
Concen: 49.304 ng
RT: 11.25 min Scan# 1516
Delta R.T. 0.01 min
Lab File: BF108110.D
Acq: 13 Aug 2018 12:26

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.7	8.6	48.6
215	46.7	25.1	65.1



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





#69

Pentachlorophenol

Concen: 94.380 ng

RT: 11.37 min Scan# 1536

Delta R.T. 0.02 min

Lab File: BF108110.D

Acq: 13 Aug 2018 12:26

Instrument :

BNA_F

ClientSampleId :

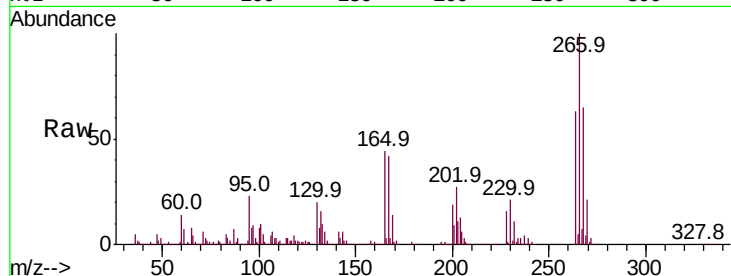
Tot Ion:266 Resp: 409645

Ion Ratio Lower Upper

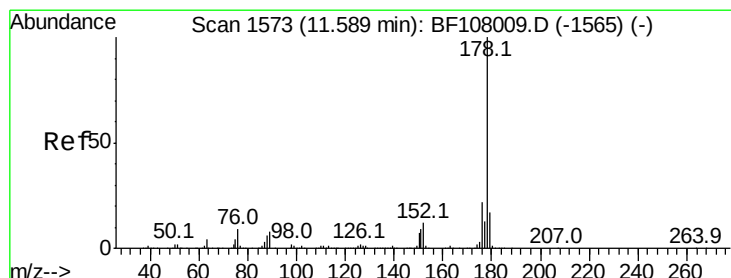
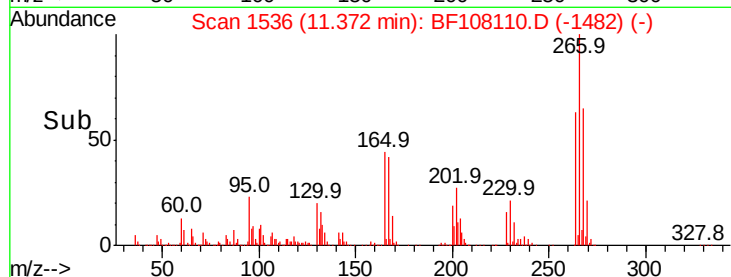
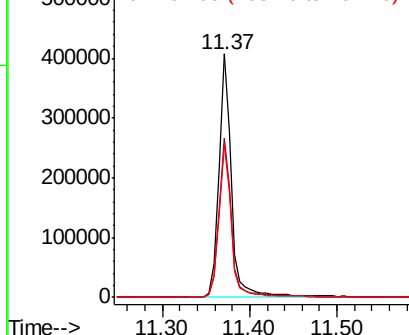
266 100

268 65.3 51.1 76.7

264 62.5 49.5 74.3



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



#70

Phenanthrene

Concen: 48.187 ng

RT: 11.60 min Scan# 1575

Delta R.T. 0.01 min

Lab File: BF108110.D

Acq: 13 Aug 2018 12:26

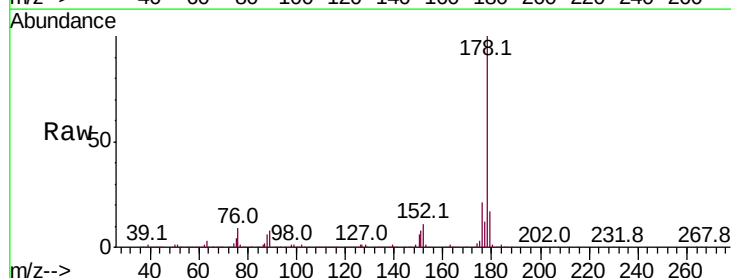
Tgt Ion:178 Resp: 1802489

Ion Ratio Lower Upper

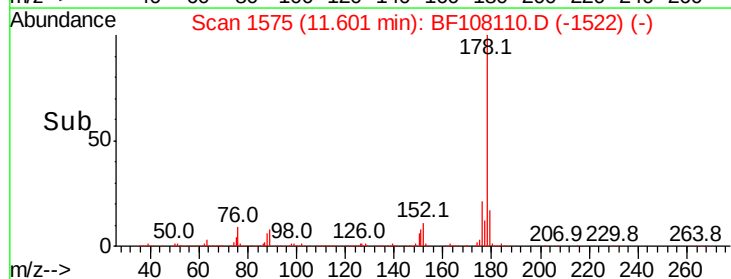
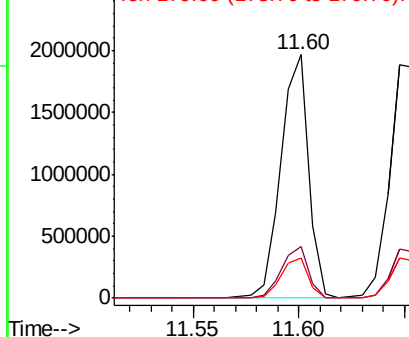
178 100

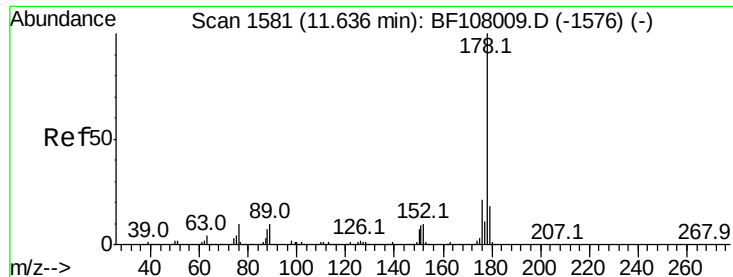
176 21.0 15.8 23.8

179 16.7 13.0 19.6



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

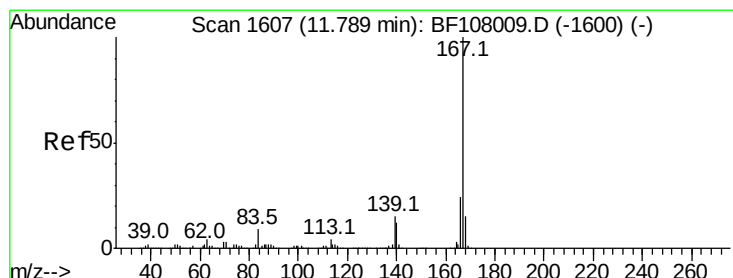
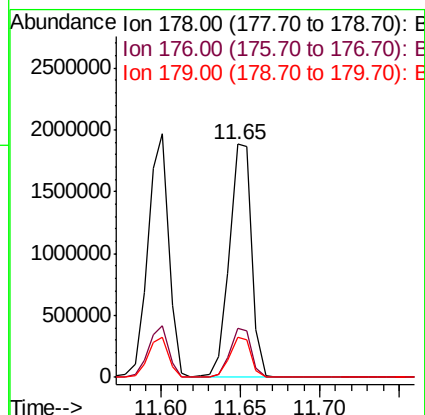
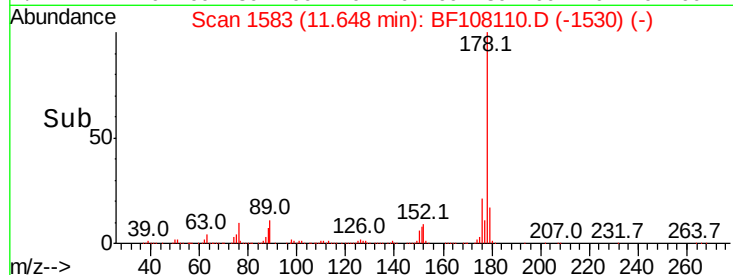
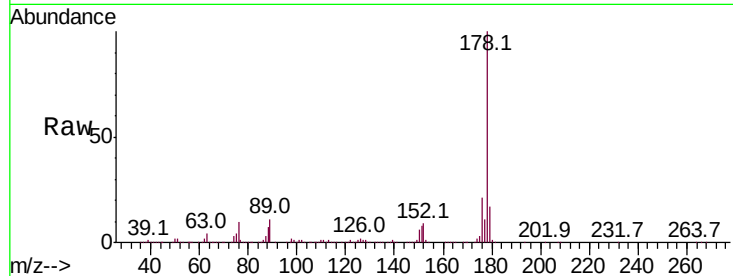




#71
 Anthracene
 Concen: 47.844 ng
 RT: 11.65 min Scan# 1583
 Delta R.T. 0.01 min
 Lab File: BF108110.D
 Acq: 13 Aug 2018 12:26

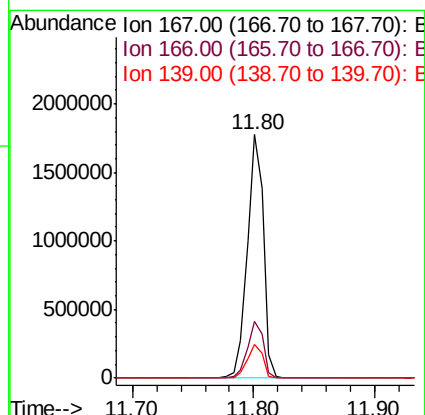
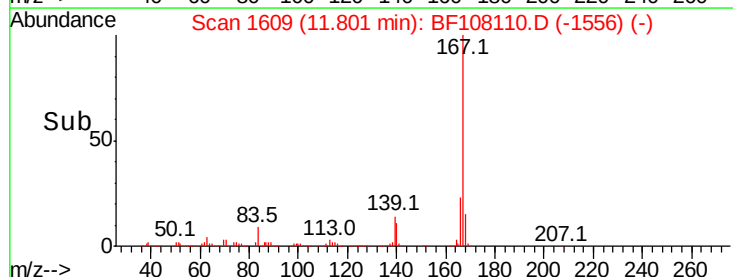
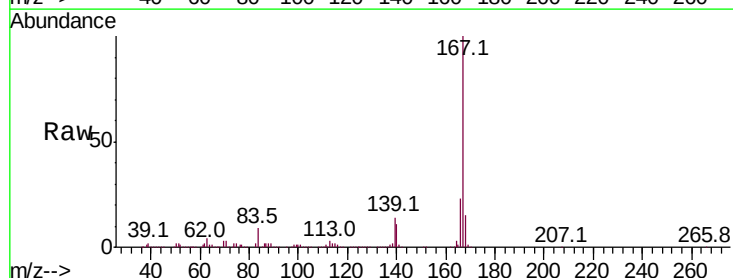
Instrument :
 BNA_F
 ClientSampled :

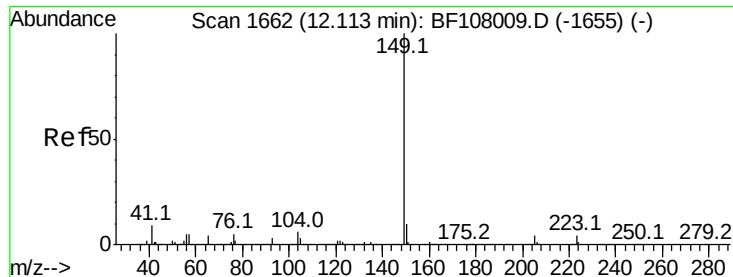
Tot Ion:178 Resp: 1834270
 Ion Ratio Lower Upper
 178 100
 176 20.8 15.4 23.2
 179 17.1 12.6 19.0



#72
 Carbazole
 Concen: 48.542 ng
 RT: 11.80 min Scan# 1609
 Delta R.T. 0.01 min
 Lab File: BF108110.D
 Acq: 13 Aug 2018 12:26

Tgt Ion:167 Resp: 1653504
 Ion Ratio Lower Upper
 167 100
 166 23.0 17.6 26.4
 139 14.1 10.9 16.3





#73

Di-n-butylphthalate

Concen: 49.719 ng

RT: 12.12 min Scan# 1663

Delta R.T. 0.01 min

Lab File: BF108110.D

Acq: 13 Aug 2018 12:26

Instrument :

BNA_F

ClientSampleId :

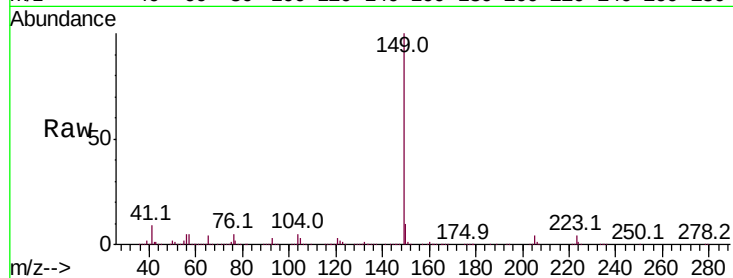
Tot Ion:149 Resp: 1918295

Ion Ratio Lower Upper

149 100

150 10.2 7.8 11.6

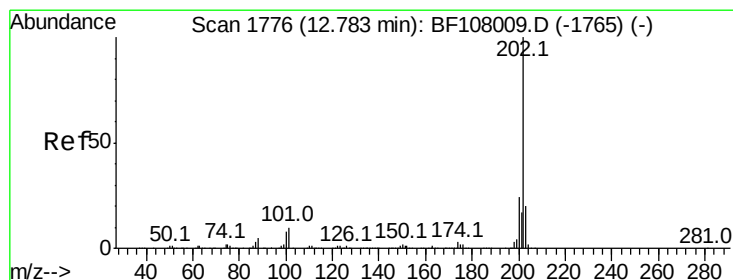
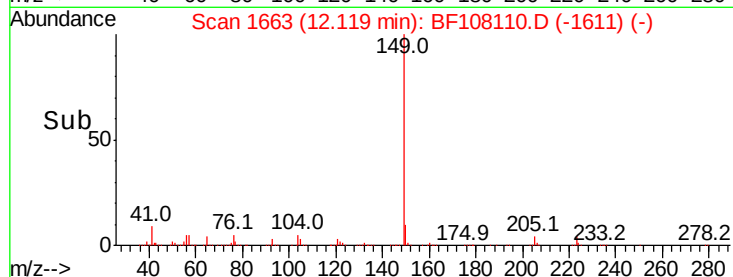
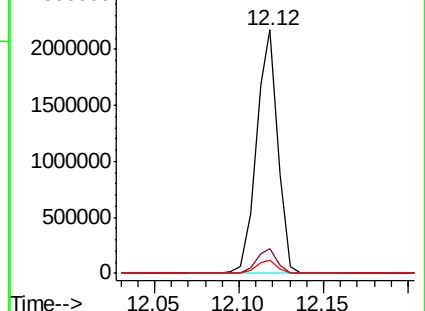
104 5.5 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 48.616 ng

RT: 12.79 min Scan# 1778

Delta R.T. 0.01 min

Lab File: BF108110.D

Acq: 13 Aug 2018 12:26

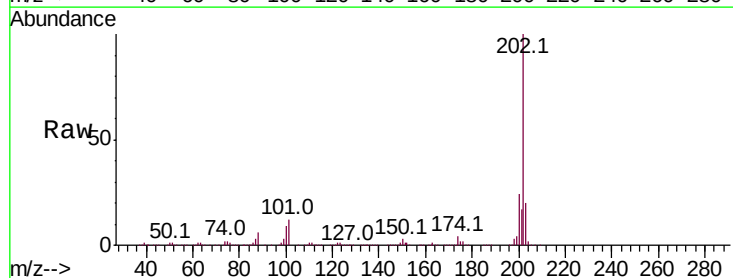
Tgt Ion:202 Resp: 1984715

Ion Ratio Lower Upper

202 100

101 11.7 0.0 34.1

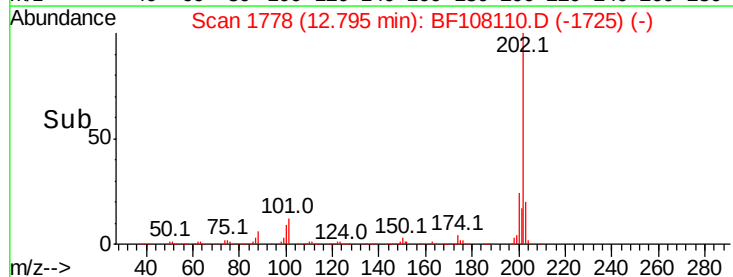
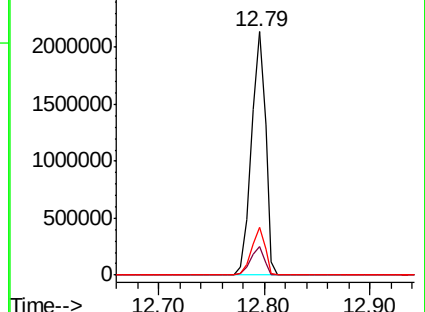
203 19.6 0.0 38.1

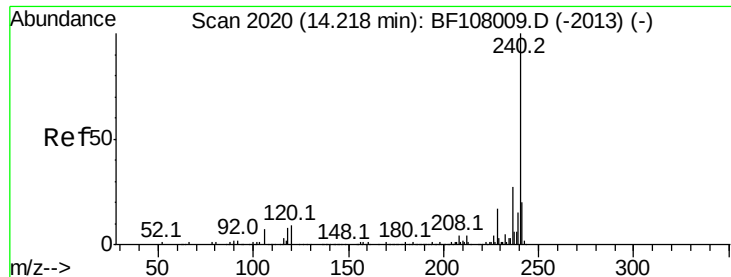


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.24 min Scan# 2023

Delta R.T. 0.02 min

Lab File: BF108110.D

Acq: 13 Aug 2018 12:26

Instrument :

BNA_F

ClientSampleId :

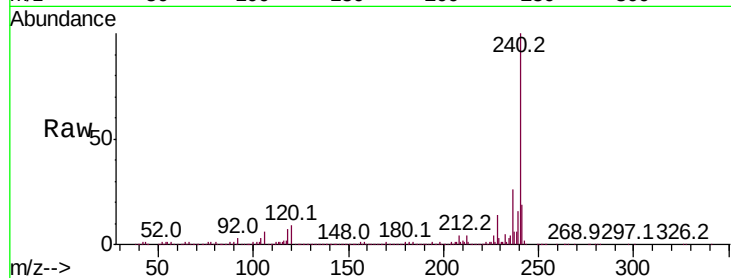
Tot Ion:240 Resp: 658184

Ion Ratio Lower Upper

240 100

120 8.6 9.5 14.3#

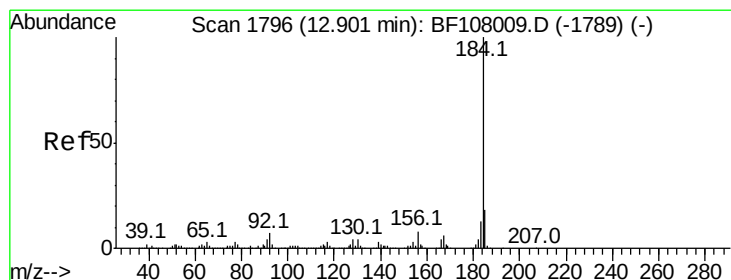
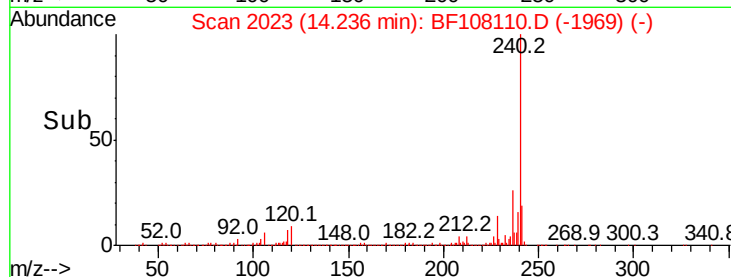
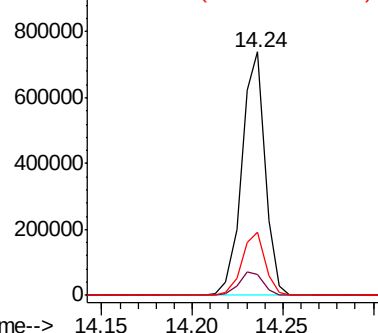
236 25.8 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 38.088 ng

RT: 12.91 min Scan# 1797

Delta R.T. 0.01 min

Lab File: BF108110.D

Acq: 13 Aug 2018 12:26

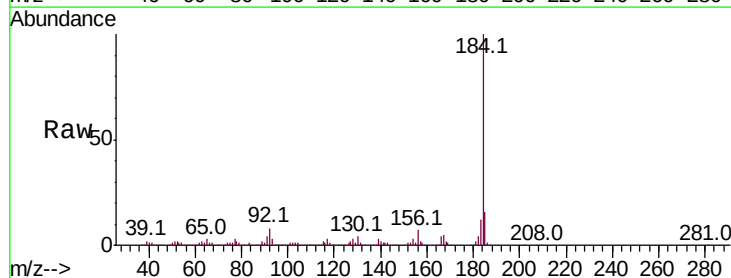
Tgt Ion:184 Resp: 936640

Ion Ratio Lower Upper

184 100

185 15.6 12.6 18.8

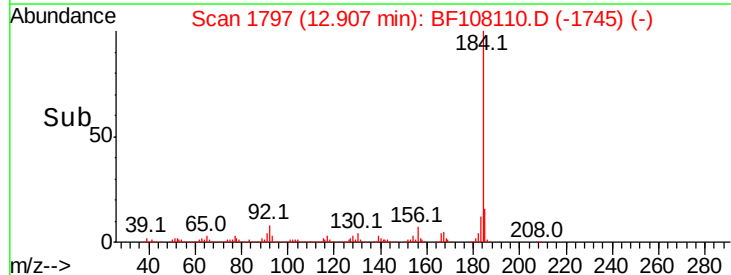
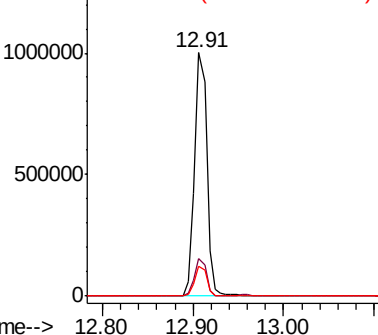
183 12.4 9.3 13.9

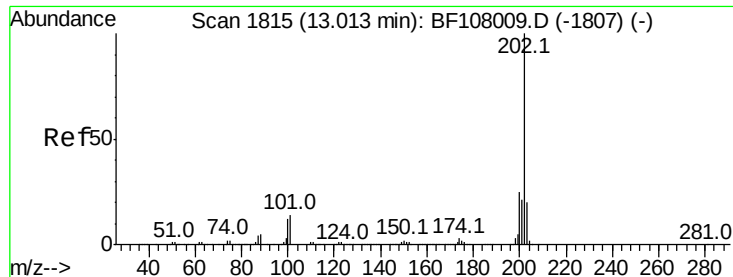


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

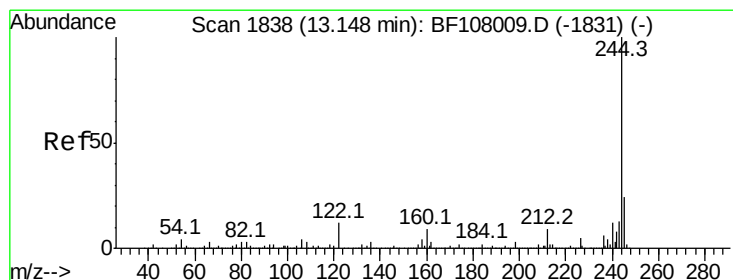
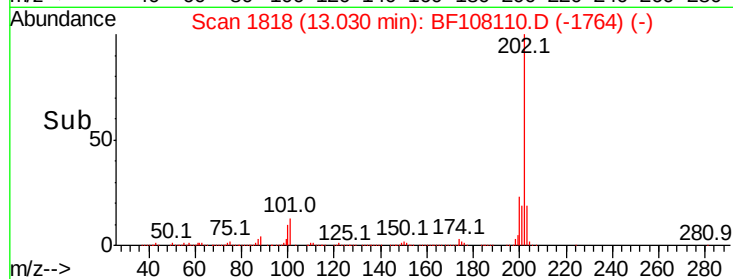
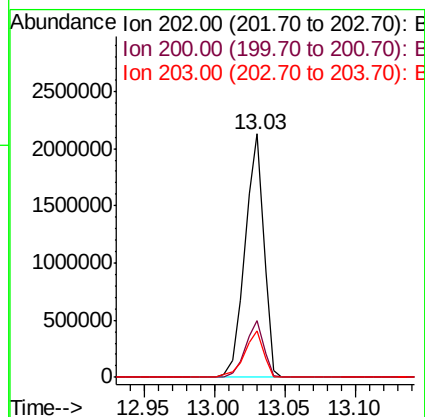
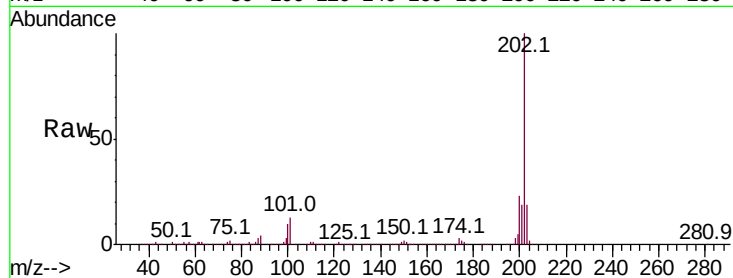




#77
Pvrene
Concen: 47.284 ng
RT: 13.03 min Scan# 1818
Delta R.T. 0.02 min
Lab File: BF108110.D
Acq: 13 Aug 2018 12:26

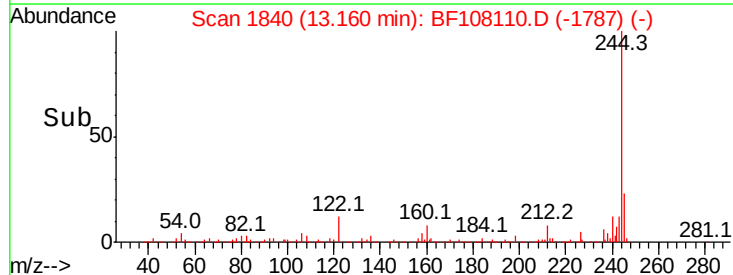
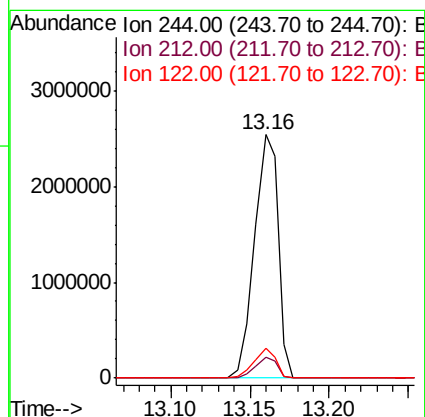
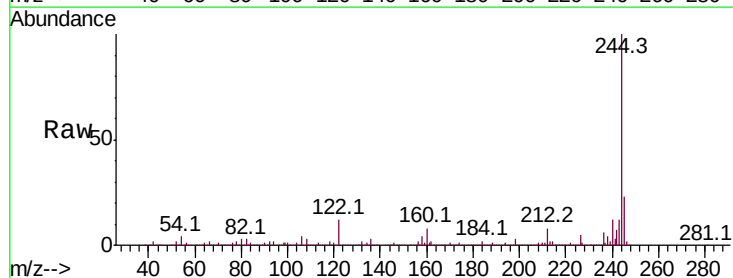
Instrument :
BNA_F
ClientSampleId :

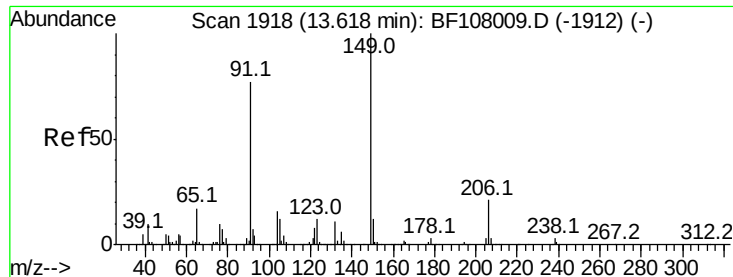
Tot Ion:202 Resp: 1970302
Ion Ratio Lower Upper
202 100
200 23.3 17.4 26.2
203 18.9 14.3 21.5



#78
Terphenyl-d14
Concen: 102.416 ng
RT: 13.16 min Scan# 1840
Delta R.T. 0.01 min
Lab File: BF108110.D
Acq: 13 Aug 2018 12:26

Tgt Ion:244 Resp: 2651187
Ion Ratio Lower Upper
244 100
212 8.4 5.4 8.0#
122 12.2 11.0 16.4





#79

Butylbenzylphthalate

Concen: 50.710 ng

RT: 13.63 min Scan# 1920

Delta R.T. 0.01 min

Lab File: BF108110.D

Acq: 13 Aug 2018 12:26

Instrument :

BNA_F

ClientSampleId :

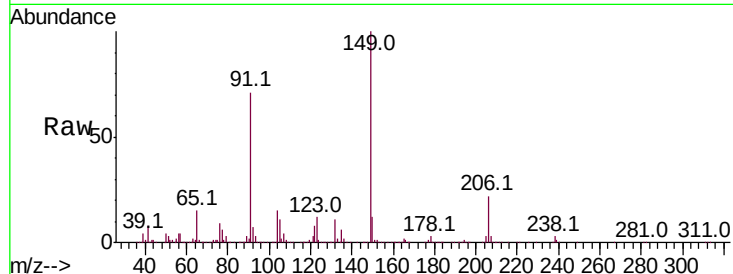
Tot Ion:149 Resp: 839070

Ion Ratio Lower Upper

149 100

91 71.3 56.8 85.2

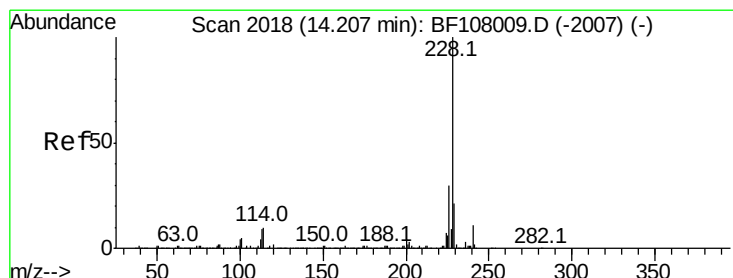
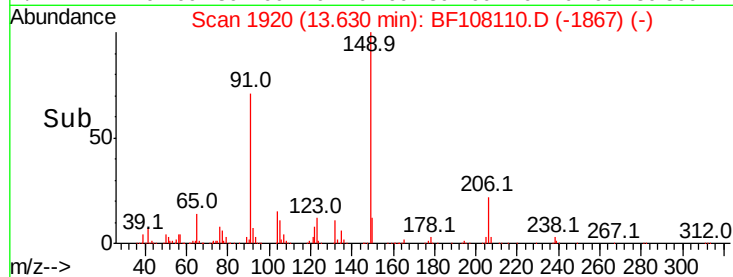
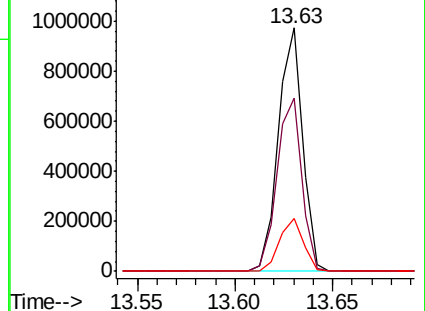
206 22.0 14.1 21.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 47.073 ng

RT: 14.22 min Scan# 2021

Delta R.T. 0.02 min

Lab File: BF108110.D

Acq: 13 Aug 2018 12:26

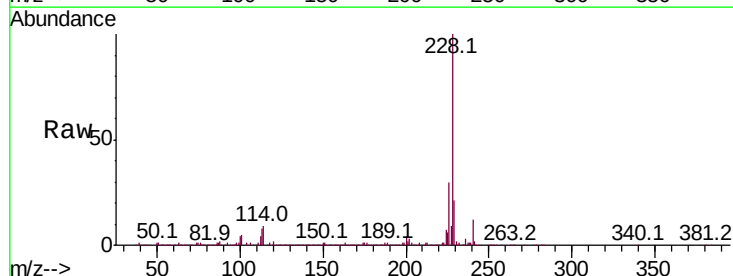
Tgt Ion:228 Resp: 1778100

Ion Ratio Lower Upper

228 100

226 29.8 22.6 33.8

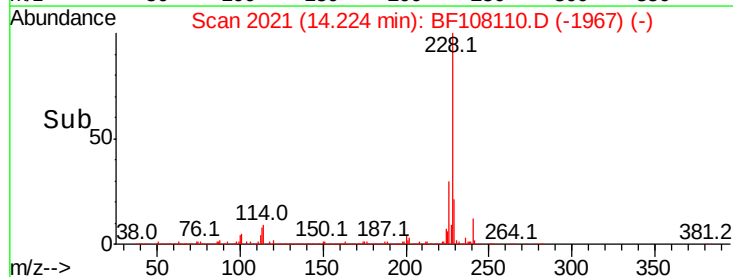
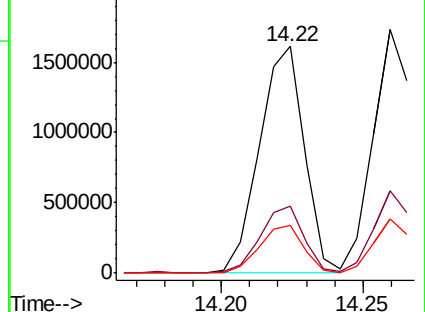
229 21.3 15.8 23.6

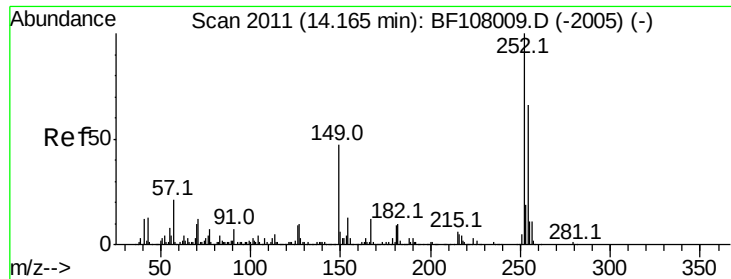


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

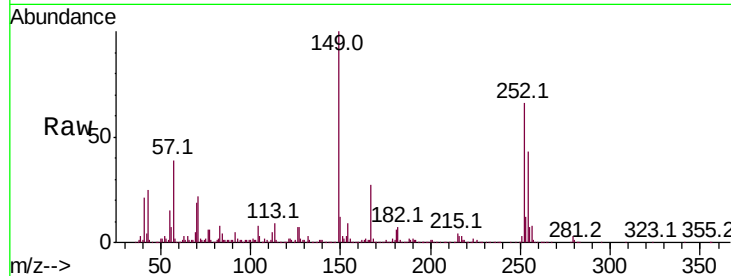




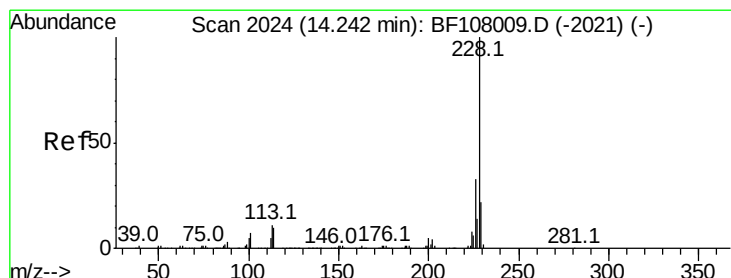
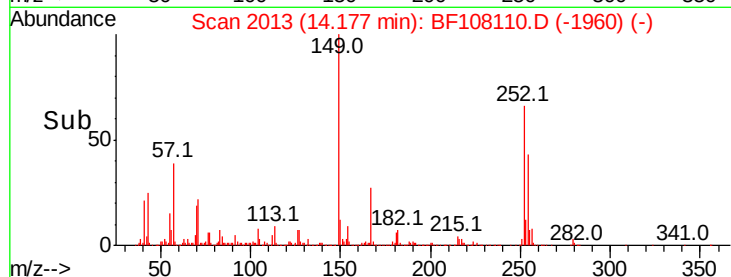
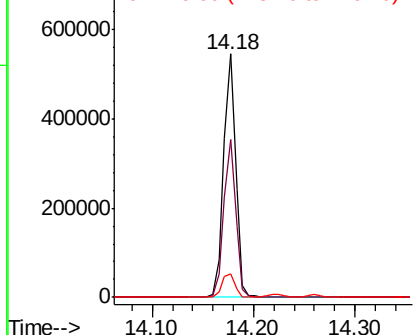
#81
 3,3'-Dichlorobenzidine
 Concen: 33.521 ng
 RT: 14.18 min Scan# 2013
 Delta R.T. 0.01 min
 Lab File: BF108110.D
 Acq: 13 Aug 2018 12:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 453775
 Ion Ratio Lower Upper
 252 100
 254 64.8 50.4 75.6
 126 9.9 11.3 16.9#

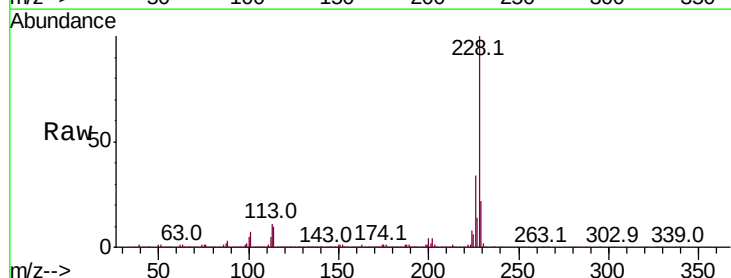


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

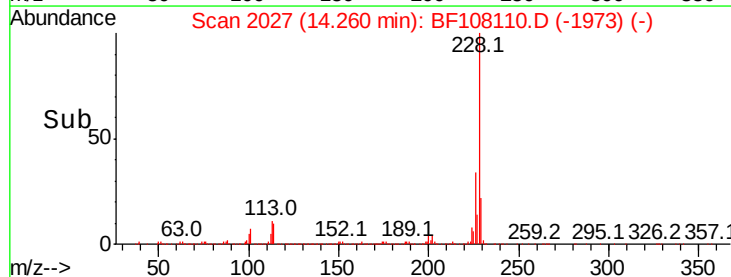
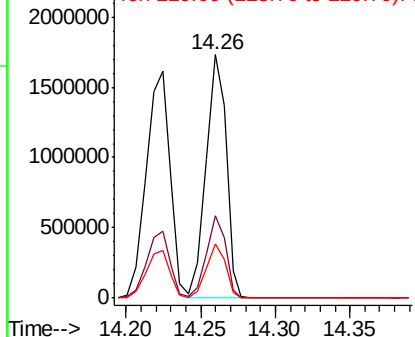


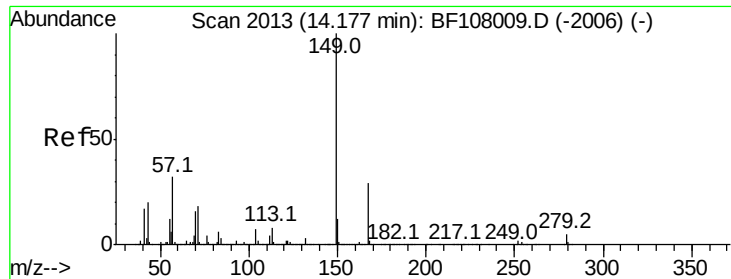
#82
 Chrysene
 Concen: 46.383 ng
 RT: 14.26 min Scan# 2027
 Delta R.T. 0.02 min
 Lab File: BF108110.D
 Acq: 13 Aug 2018 12:26

Tgt Ion:228 Resp: 1606250
 Ion Ratio Lower Upper
 228 100
 226 33.9 25.0 37.6
 229 22.1 16.2 24.4



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



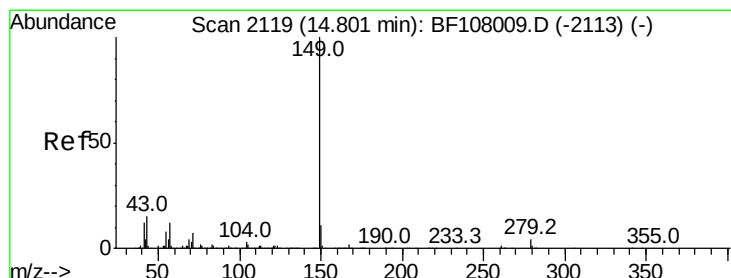
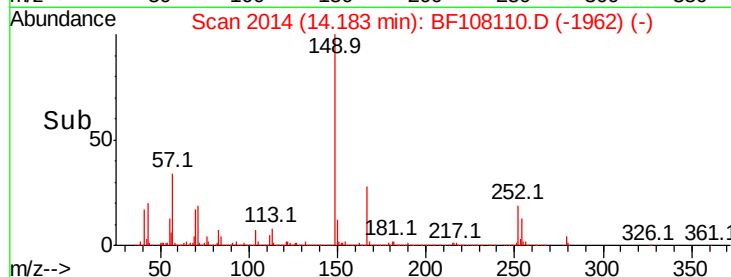
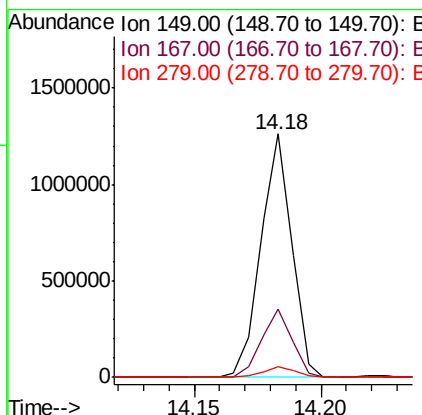
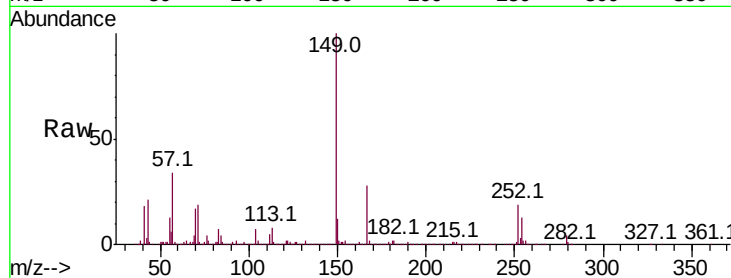


#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.597 ng
 RT: 14.18 min Scan# 2014
 Delta R.T. 0.01 min
 Lab File: BF108110.D
 Acq: 13 Aug 2018 12:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 1066497

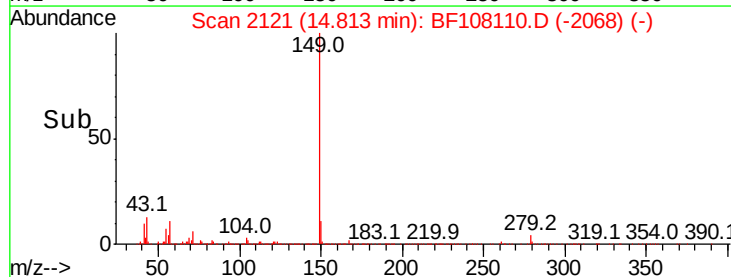
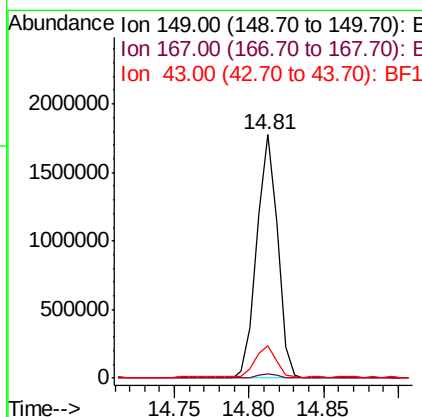
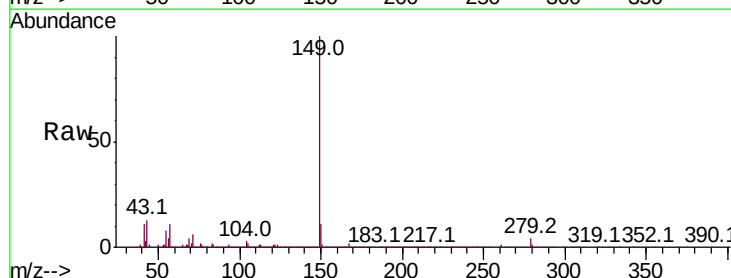
Ion	Ratio	Lower	Upper
149	100		
167	27.9	21.3	31.9
279	4.3	3.0	4.4

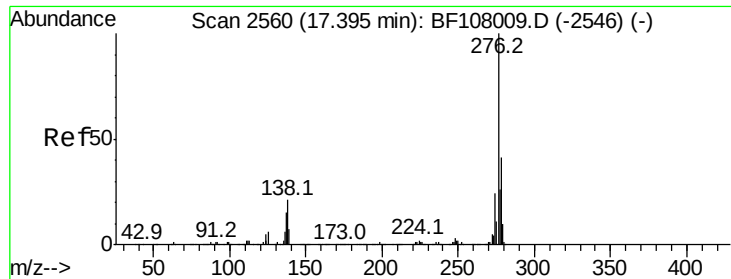


#84
 Di-n-octyl phthalate
 Concen: 49.483 ng
 RT: 14.81 min Scan# 2121
 Delta R.T. 0.01 min
 Lab File: BF108110.D
 Acq: 13 Aug 2018 12:26

Tgt Ion:149 Resp: 1690974

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





#85

Indeno(1,2,3-cd)pyrene

Concen: 41.418 ng

RT: 17.45 min Scan# 2569

Delta R.T. 0.05 min

Lab File: BF108110.D

Acq: 13 Aug 2018 12:26

Instrument :

BNA_F

ClientSampleId :

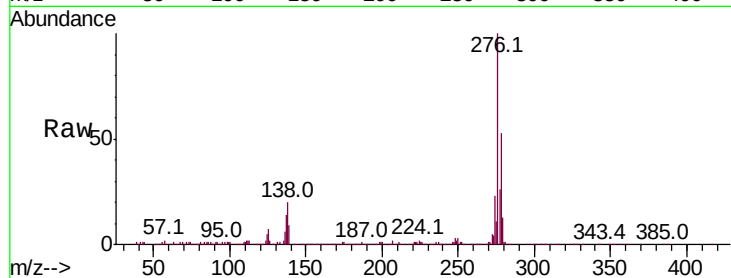
Tot Ion:276 Resp: 1242774

Ion Ratio Lower Upper

276 100

138 22.6 25.0 37.6#

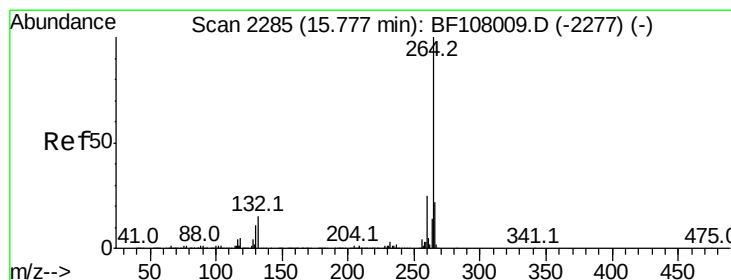
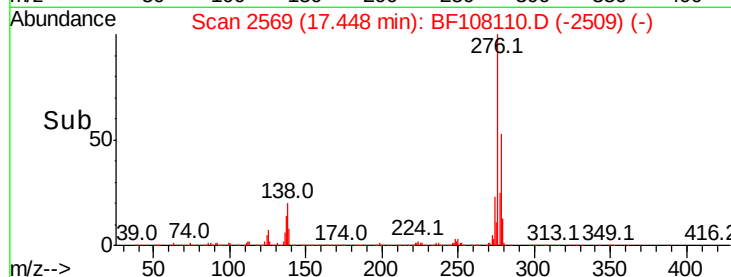
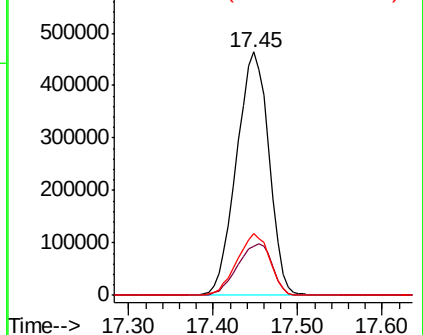
277 25.4 20.1 30.1



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: BF108110.D

Acq: 13 Aug 2018 12:26

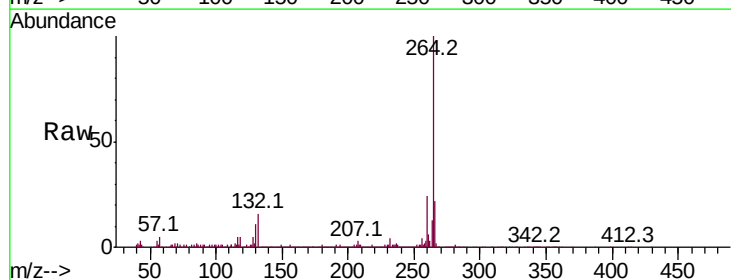
Tgt Ion:264 Resp: 501117

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

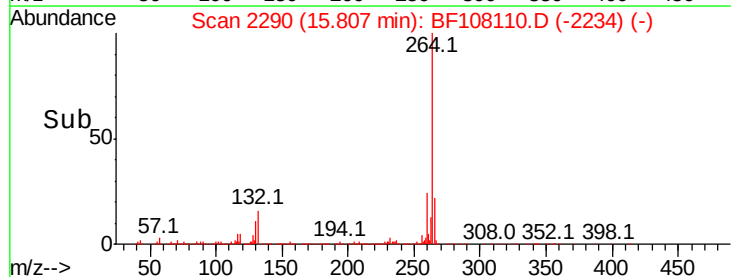
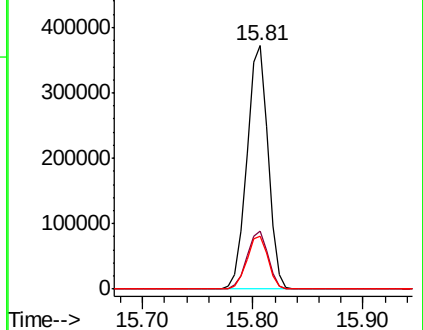
265 21.8 17.5 26.3

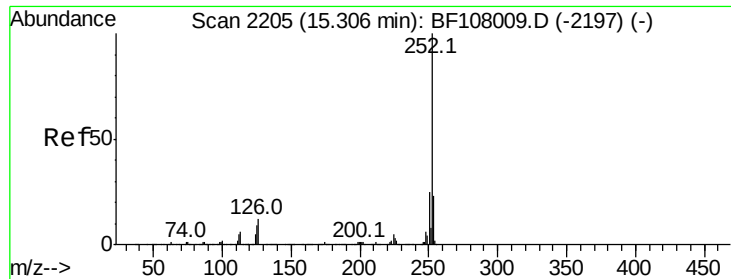


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

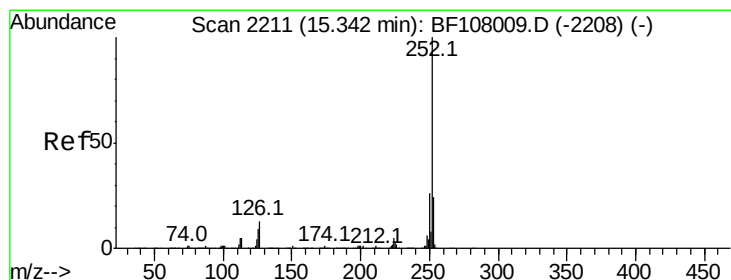
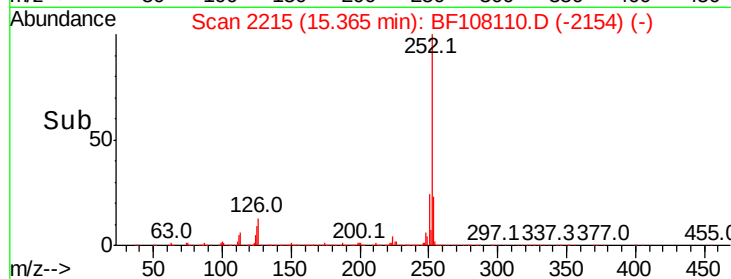
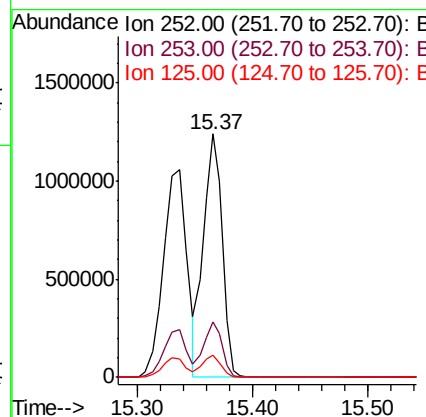
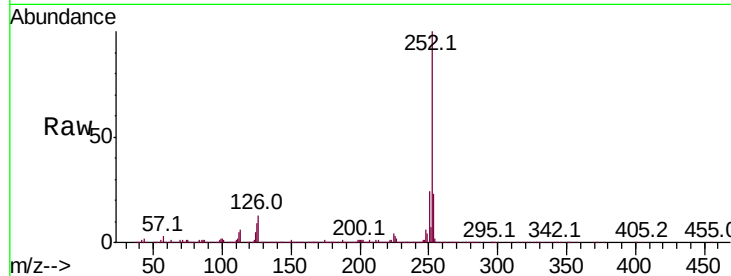




#87
Benzo(b)fluoranthene
Concen: 47.206 ng
RT: 15.37 min Scan# 2215
Delta R.T. 0.06 min
Lab File: BF108110.D
Acq: 13 Aug 2018 12:26

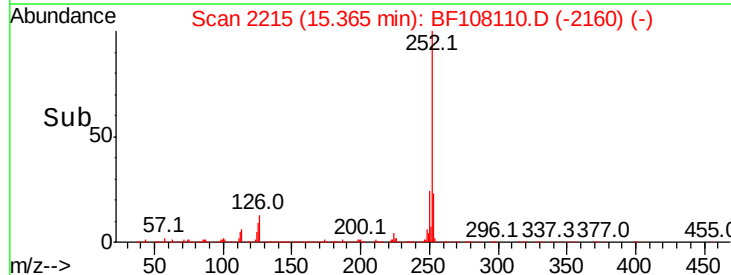
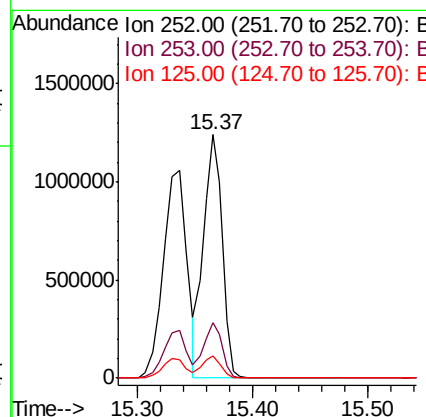
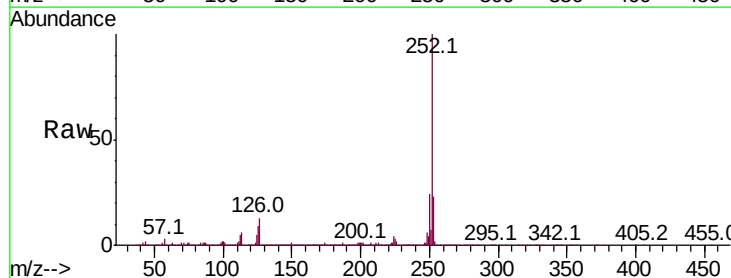
Instrument :
BNA_F
ClientSampleId :

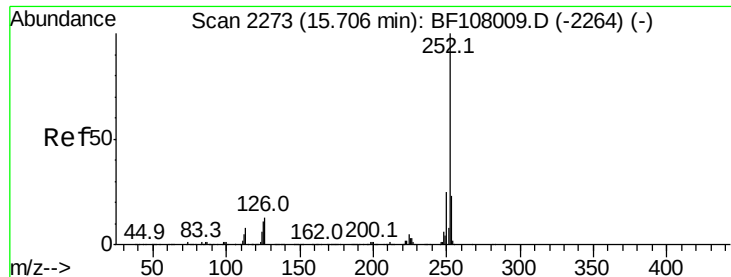
Tot Ion:252 Resp: 1413519
Ion Ratio Lower Upper
252 100
253 22.7 17.0 25.6
125 9.1 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 51.353 ng
RT: 15.37 min Scan# 2215
Delta R.T. 0.02 min
Lab File: BF108110.D
Acq: 13 Aug 2018 12:26

Tgt Ion:252 Resp: 1413519
Ion Ratio Lower Upper
252 100
253 22.7 17.9 26.9
125 9.1 10.2 15.2#





#89

Benzo(a)pyrene

Concen: 50.506 ng

RT: 15.74 min Scan# 2279

Delta R.T. 0.04 min

Lab File: BF108110.D

Acq: 13 Aug 2018 12:26

Instrument :

BNA_F

ClientSampleId :

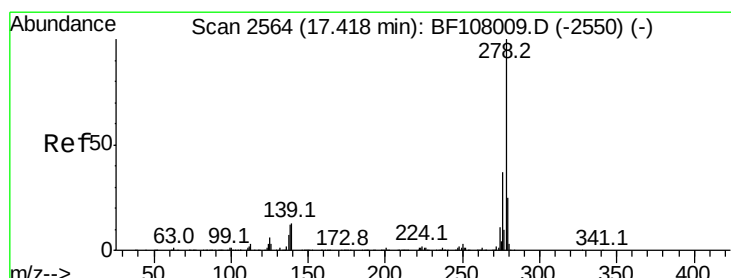
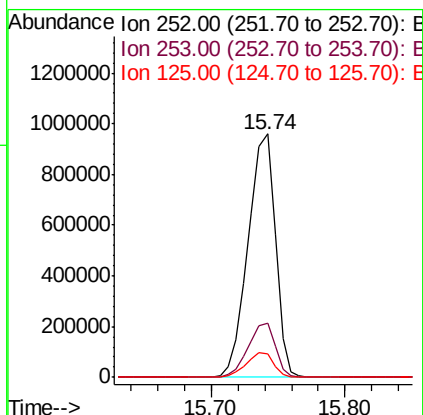
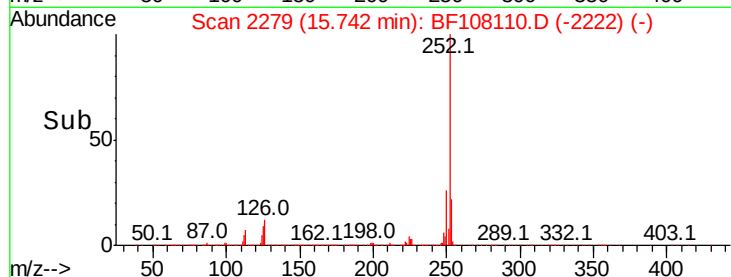
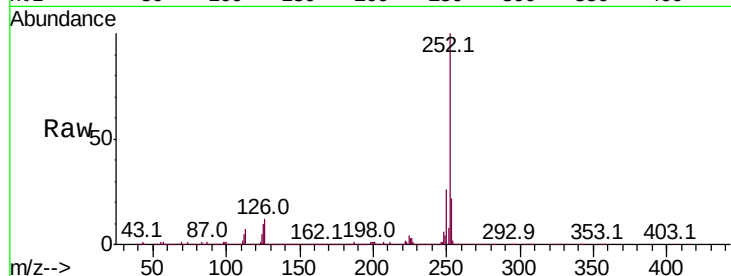
Tot Ion:252 Resp: 1354266

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

125 9.6 9.8 14.6#



#90

Dibenzo(a,h)anthracene

Concen: 47.009 ng

RT: 17.47 min Scan# 2572

Delta R.T. 0.05 min

Lab File: BF108110.D

Acq: 13 Aug 2018 12:26

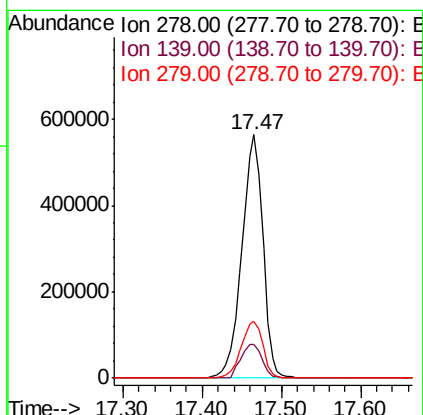
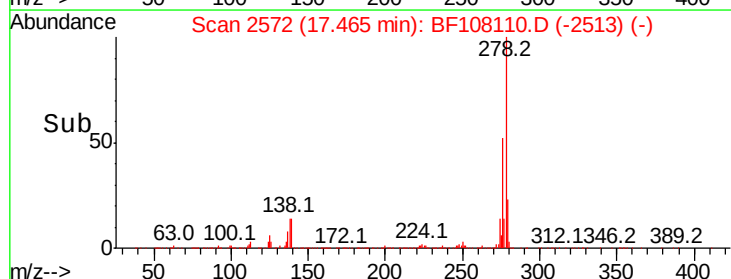
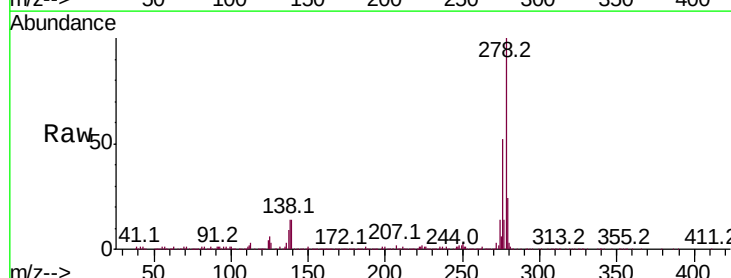
Tgt Ion:278 Resp: 1042941

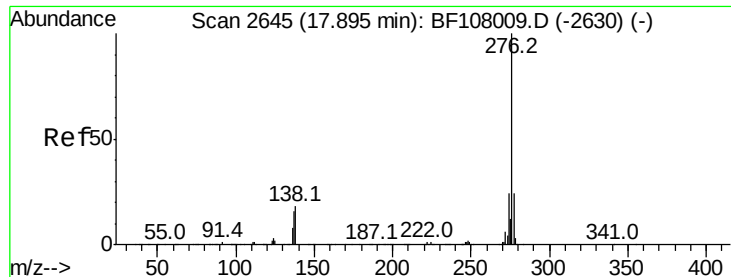
Ion Ratio Lower Upper

278 100

139 14.0 15.9 23.9#

279 23.5 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 47.046 ng

RT: 17.95 min Scan# 2655

Delta R.T. 0.06 min

Lab File: BF108110.D

Acq: 13 Aug 2018 12:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 1027771

Ion Ratio Lower Upper

276 100

277 24.5 17.9 26.9

138 19.5 21.8 32.8#

