

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080218\
 Data File : BF107909.D
 Acq On : 2 Aug 2018 15:10
 Operator : JU/SJ
 Sample : PB111688BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB111688BS

Quant Time: Aug 02 15:41:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 17:48:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	141808	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	631096	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	293982	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	604286	20.00	ng	0.00
75) Chrysene-d12	14.15	240	445137	20.00	ng	0.00
86) Perylene-d12	15.68	264	353278	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	1125452	134.88	ng	0.02
7) Phenol-d6	6.61	99	1323812	120.38	ng	0.00
23) Nitrobenzene-d5	7.52	82	895471	81.74	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	478644	119.82	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1762704	83.55	ng	0.00
78) Terphenyl-d14	13.08	244	1920999	93.58	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.94	88	158551	41.406	ng	# 85
3) Pyridine	3.72	79	294893	32.438	ng	86
4) n-Nitrosodimethylamine	3.70	42	84854	19.987	ng	100
6) Aniline	6.64	93	452020	39.519	ng	# 64
8) 2-Chlorophenol	6.75	128	458273	43.724	ng	96
9) Benzaldehyde	6.53	77	76097	11.469	ng	95
10) Phenol	6.62	94	578135	44.086	ng	81
11) bis(2-Chloroethyl)ether	6.69	93	373639	32.042	ng	97
12) 1,3-Dichlorobenzene	6.90	146	476044	43.305	ng	99
13) 1,4-Dichlorobenzene	6.97	146	549738	44.925	ng	99
14) 1,2-Dichlorobenzene	7.12	146	507098	44.642	ng	98
15) Benzyl Alcohol	7.12	79	298384	43.655	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.22	45	725743	43.288	ng	55
17) 2-Methylphenol	7.22	107	369404	47.745	ng	# 77
18) Hexachloroethane	7.45	117	183704	41.766	ng	98
19) n-Nitroso-di-n-propylamine	7.37	70	314510	45.086	ng	100
20) 3+4-Methylphenols	7.38	107	400023	42.111	ng	# 67
22) Acetophenone	7.37	105	659091	43.409	ng	# 93
24) Nitrobenzene	7.54	77	443586	38.617	ng	98
25) Isophorone	7.77	82	907182	50.450	ng	100
26) 2-Nitrophenol	7.86	139	252641	43.825	ng	98
27) 2,4-Dimethylphenol	7.90	122	394878	51.163	ng	100
28) bis(2-Chloroethoxy)methane	7.98	93	555677	46.891	ng	99
29) 2,4-Dichlorophenol	8.11	162	395327	45.283	ng	98
30) 1,2,4-Trichlorobenzene	8.18	180	433394	43.516	ng	97
31) Naphthalene	8.26	128	1417377	48.315	ng	99
32) Benzoic acid	8.04	122	143674	28.153	ng	88
33) 4-Chloroaniline	8.32	127	458441	36.586	ng	99
34) Hexachlorobutadiene	8.36	225	246723	40.088	ng	99
35) Caprolactam	8.70	113	50463	19.201	ng	# 80
36) 4-Chloro-3-methylphenol	8.81	107	428706	45.216	ng	98
37) 2-Methylnaphthalene	8.95	142	931585	50.554	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	453085	45.203	ng	98
40) Hexachlorocyclopentadiene	9.09	237	344005	79.754	ng	99

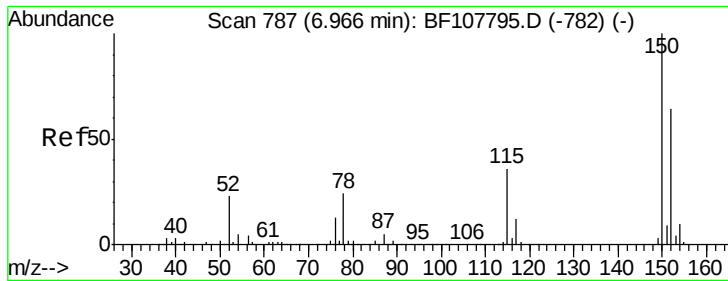
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080218\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	263284	47.514	ng	99
43) 2,4,5-Trichlorophenol	9.29	196	286708	42.979	ng	95
45) 1,1'-Biphenyl	9.41	154	1179218	44.076	ng	99
46) 2-Chloronaphthalene	9.44	162	884903	43.861	ng	98
47) 2-Nitroaniline	9.56	65	291223	44.377	ng	94
48) Acenaphthylene	9.86	152	1403464	44.871	ng	99
49) Dimethylphthalate	9.71	163	982384	44.496	ng	100
50) 2,6-Dinitrotoluene	9.79	165	217023	45.232	ng	91
51) Acenaphthene	10.03	154	771305	42.452	ng	99
52) 3-Nitroaniline	9.98	138	185529	30.686	ng	94
53) 2,4-Dinitrophenol	10.08	184	200583	79.393	ng	# 28
54) Dibenzofuran	10.21	168	1184942	42.195	ng	96
55) 4-Nitrophenol	10.17	139	133428	50.745	ng	93
56) 2,4-Dinitrotoluene	10.20	165	272023	43.135	ng	# 85
57) Fluorene	10.55	166	963811	44.161	ng	95
58) 2,3,4,6-Tetrachlorophenol	10.33	232	295319	48.198	ng	# 80
59) Diethylphthalate	10.41	149	997107	42.005	ng	97
60) 4-Chlorophenyl-phenylether	10.54	204	478089	40.212	ng	91
61) 4-Nitroaniline	10.61	138	231144	43.080	ng	92
62) Azobenzene	10.70	77	945990	42.789	ng	93
64) 4,6-Dinitro-2-methylphenol	10.61	198	136817	41.618	ng	90
65) n-Nitrosodiphenylamine	10.66	169	847135	42.575	ng	100
66) 4-Bromophenyl-phenylether	11.03	248	311620	44.244	ng	# 85
67) Hexachlorobenzene	11.10	284	327252	41.900	ng	# 88
68) Atrazine	11.18	200	255628	43.408	ng	98
69) Pentachlorophenol	11.30	266	285542	74.267	ng	98
70) Phenanthrene	11.52	178	1314280	45.804	ng	99
71) Anthracene	11.57	178	1580130	47.744	ng	99
72) Carbazole	11.74	167	1441031	44.060	ng	98
73) Di-n-butylphthalate	12.04	149	1525526	42.755	ng	100
74) Fluoranthene	12.71	202	1547595	45.910	ng	97
76) Benzidine	12.85	184	841627	58.477	ng	97
77) Pyrene	12.94	202	1510370	47.120	ng	98
79) Butylbenzylphthalate	13.54	149	639230	45.540	ng	90
80) Benzo(a)anthracene	14.14	228	1123567	44.559	ng	99
81) 3,3'-Dichlorobenzidine	14.10	252	323833	33.130	ng	# 98
82) Chrysene	14.17	228	1271519	46.752	ng	99
83) Bis(2-ethylhexyl)phthalate	14.09	149	780225	44.215	ng	100
84) Di-n-octyl phthalate	14.71	149	1220692	43.098	ng	97
85) Indeno(1,2,3-cd)pyrene	17.27	276	931270	45.017	ng	93
87) Benzo(b)fluoranthene	15.22	252	859445	49.326	ng	98
88) Benzo(k)fluoranthene	15.22	252	859445	40.176	ng	98
89) Benzo(a)pyrene	15.61	252	880770	48.966	ng	99
90) Dibenzo(a,h)anthracene	17.27	278	798482	50.891	ng	97
91) Benzo(g,h,i)perylene	17.74	276	776364	51.138	ng	# 92

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

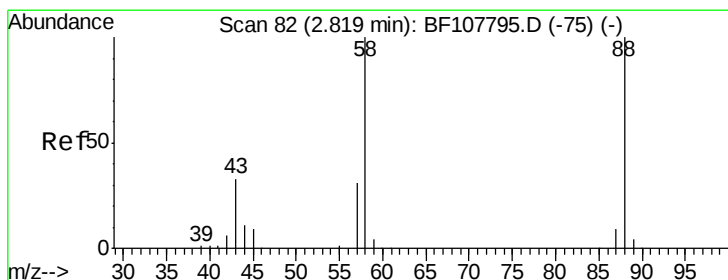
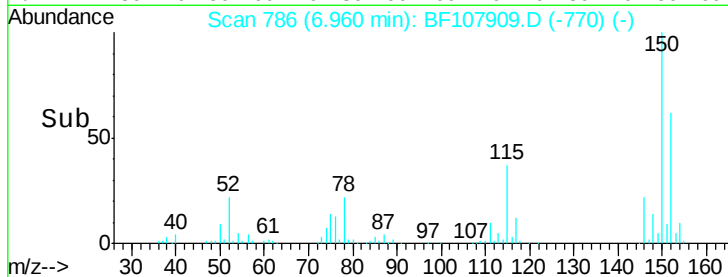
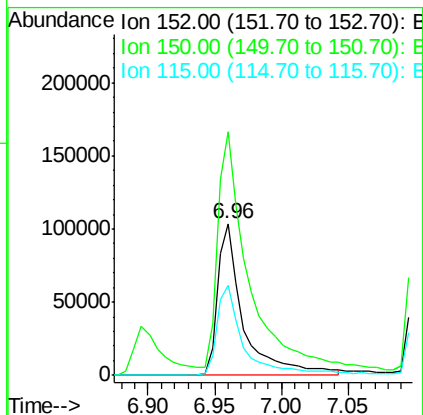
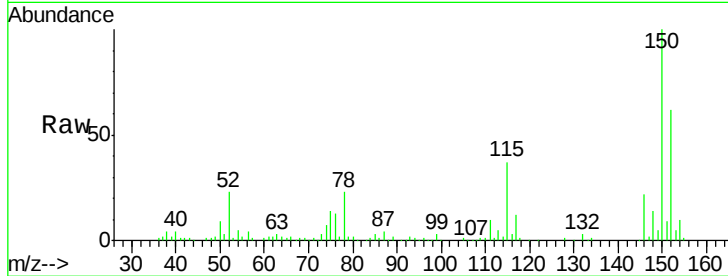


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF107909.D
Acq: 2 Aug 2018 15:10

Instrument :
BNA_F
ClientSampleId :
PB111688BS

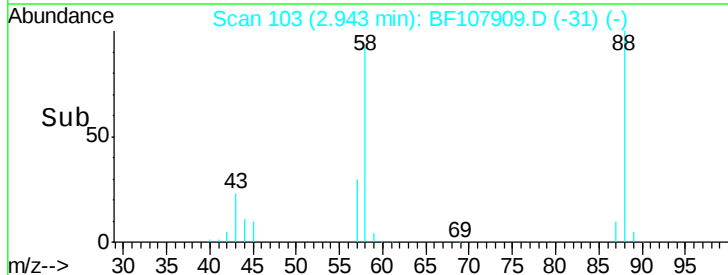
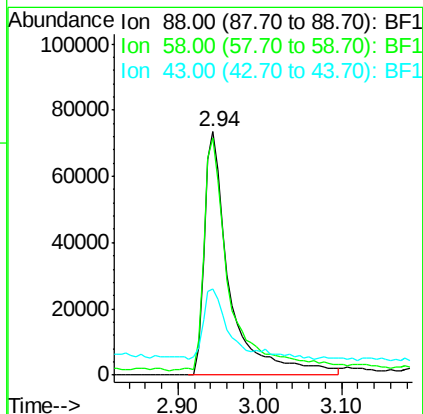
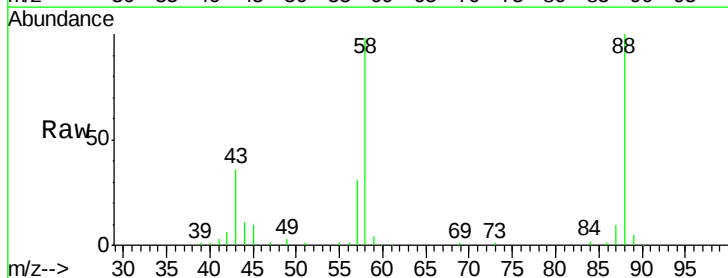
Tgt Ion:152 Resp: 141808
Ion Ratio Lower Upper
152 100
150 160.1 124.6 186.8
115 59.1 50.1 75.1

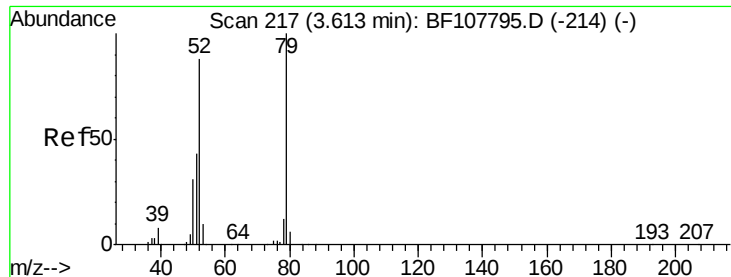


#2

1,4-Dioxane
Concen: 41.406 ng
RT: 2.94 min Scan# 103
Delta R.T. 0.12 min
Lab File: BF107909.D
Acq: 2 Aug 2018 15:10

Tgt Ion: 88 Resp: 158551
Ion Ratio Lower Upper
88 100
58 95.8 62.6 93.8#
43 30.2 24.6 37.0

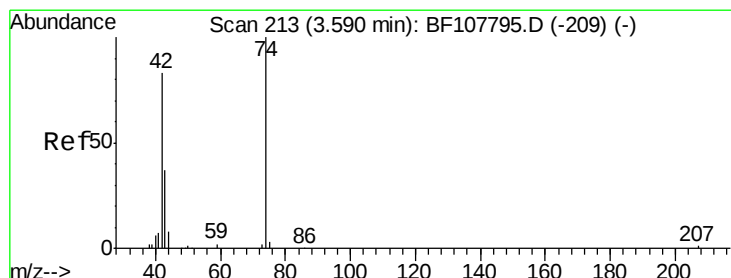
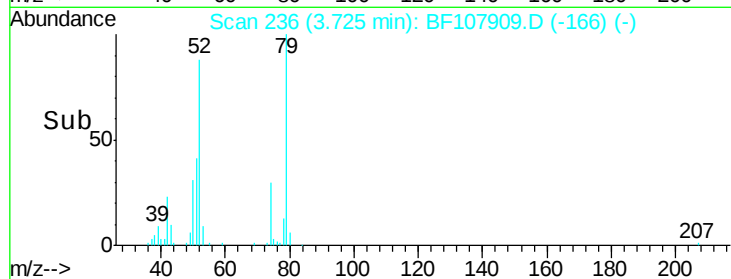
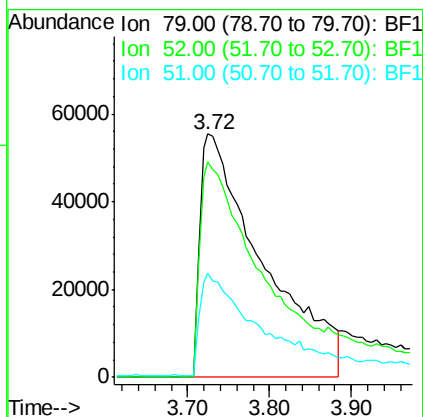
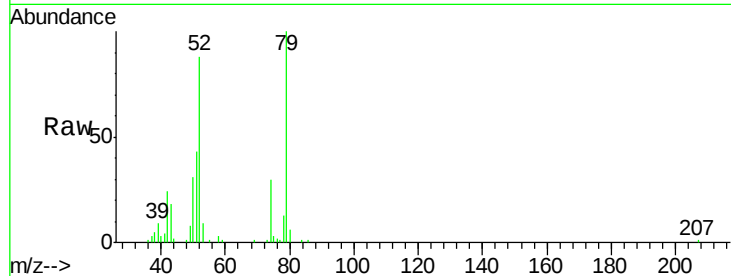




#3
 Pyridine
 Concen: 32.438 ng
 RT: 3.72 min Scan# 236
 Delta R.T. 0.11 min
 Lab File: BF107909.D
 Acq: 2 Aug 2018 15:10

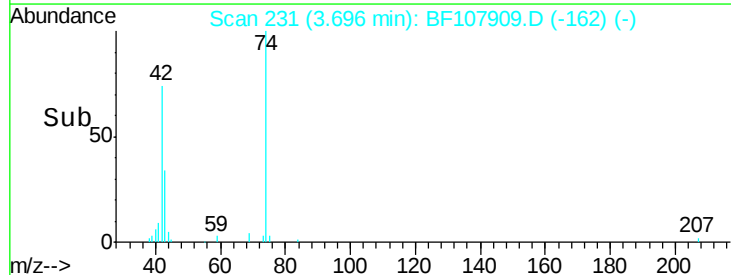
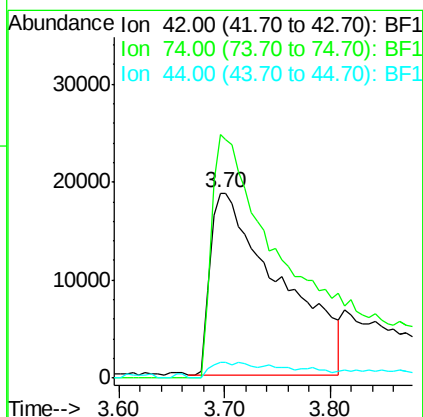
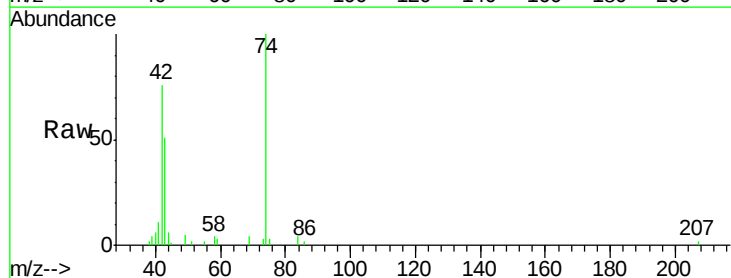
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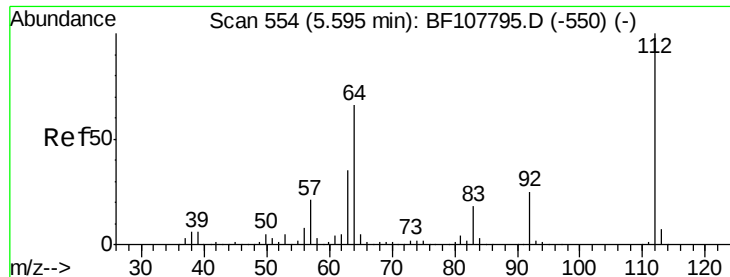
Tgt Ion: 79 Resp: 294893
 Ion Ratio Lower Upper
 79 100
 52 88.3 59.8 89.6
 51 42.5 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 19.987 ng
 RT: 3.70 min Scan# 231
 Delta R.T. 0.11 min
 Lab File: BF107909.D
 Acq: 2 Aug 2018 15:10

Tgt Ion: 42 Resp: 84854
 Ion Ratio Lower Upper
 42 100
 74 131.4 104.9 157.3
 44 8.5 6.9 10.3

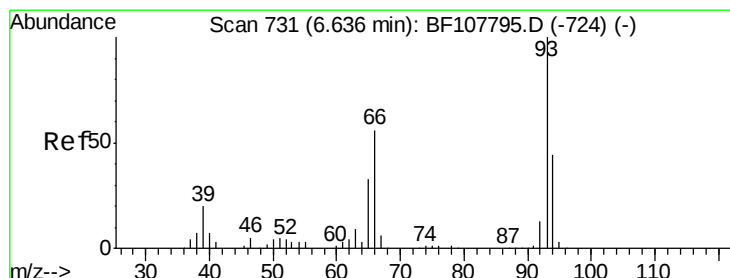
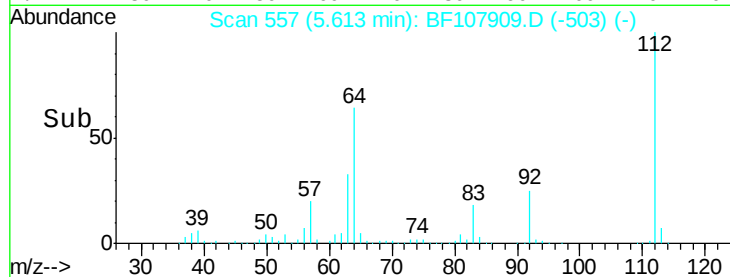
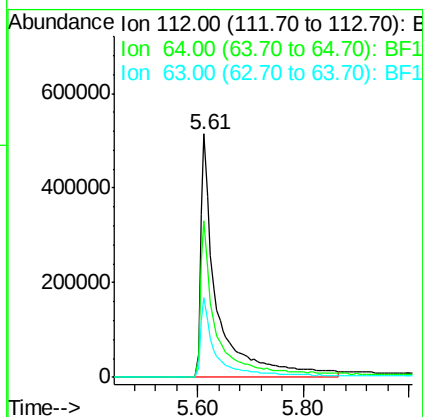
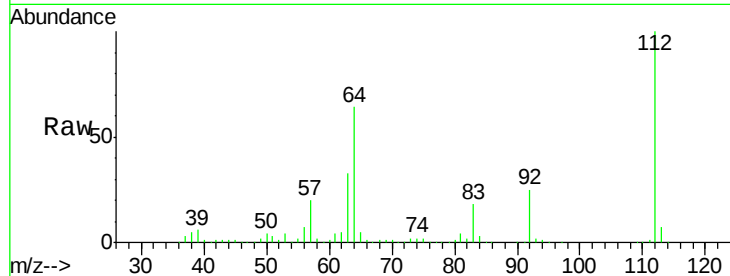




#5
 2-Fluorophenol
 Concen: 134.884 ng
 RT: 5.61 min Scan# 557
 Delta R.T. 0.02 min
 Lab File: BF107909.D
 Acq: 2 Aug 2018 15:10

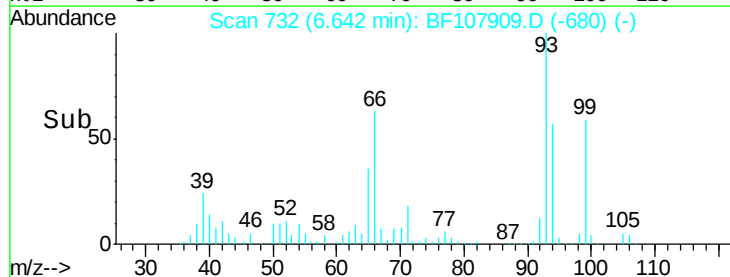
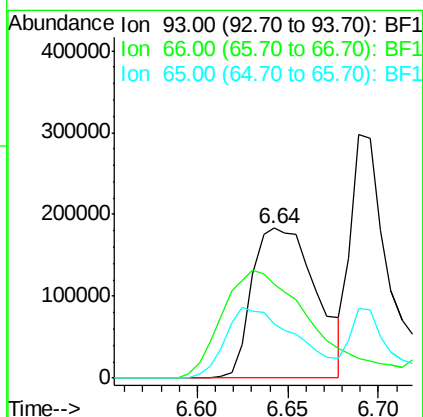
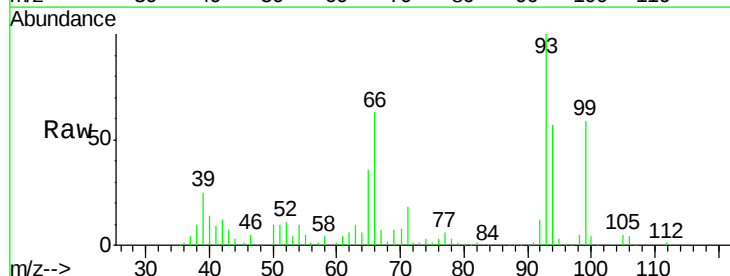
Instrument :
 BNA_F
 ClientSampleId :
 PB111688BS

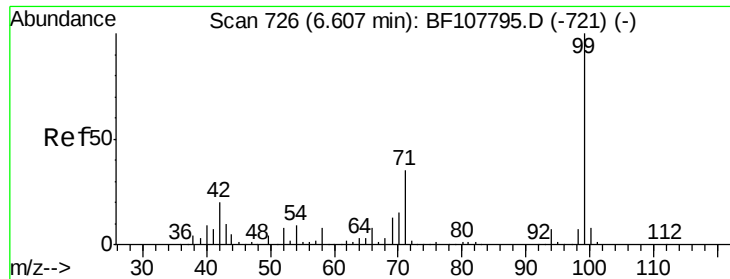
Tgt Ion: 112 Resp: 1125452
 Ion Ratio Lower Upper
 112 100
 64 64.1 47.9 71.9
 63 33.0 23.7 35.5



#6
 Aniline
 Concen: 39.519 ng
 RT: 6.64 min Scan# 732
 Delta R.T. 0.01 min
 Lab File: BF107909.D
 Acq: 2 Aug 2018 15:10

Tgt Ion: 93 Resp: 452020
 Ion Ratio Lower Upper
 93 100
 66 63.1 32.2 48.2#
 65 36.4 16.4 24.6#





#7

Phenol-d6

Concen: 120.382 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF107909.D

Acq: 2 Aug 2018 15:10

Instrument :

BNA_F

ClientSampleId :

PB111688BS

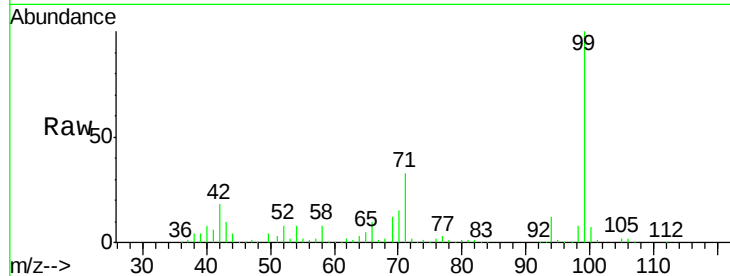
Tgt Ion: 99 Resp: 1323812

Ion Ratio Lower Upper

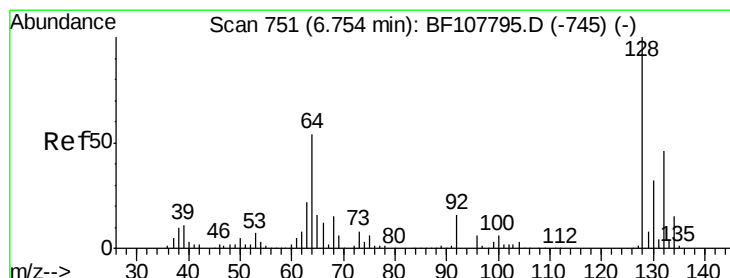
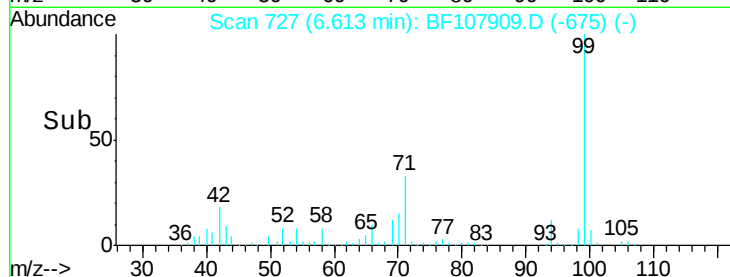
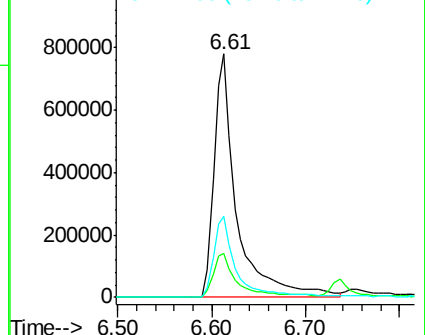
99 100

42 18.1 14.5 21.7

71 33.4 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: 43.724 ng

RT: 6.75 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF107909.D

Acq: 2 Aug 2018 15:10

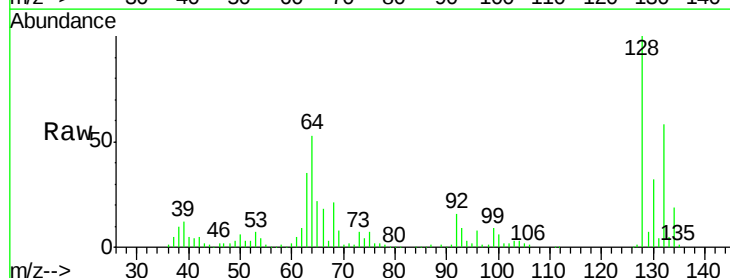
Tgt Ion: 128 Resp: 458273

Ion Ratio Lower Upper

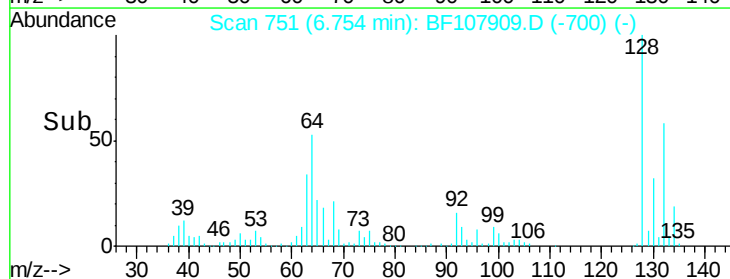
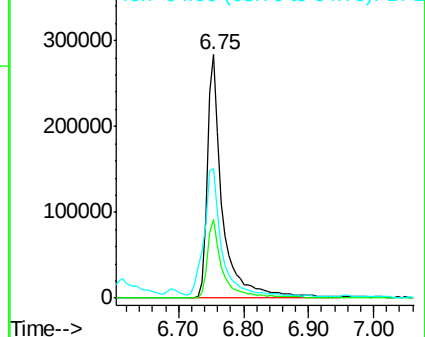
128 100

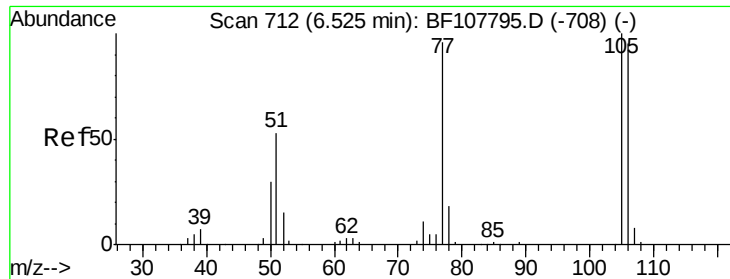
130 32.4 13.0 53.0

64 53.1 29.4 69.4



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





#9

Benzaldehyde

Concen: 11.469 ng

RT: 6.53 min Scan# 713

Delta R.T. 0.01 min

Lab File: BF107909.D

Acq: 2 Aug 2018 15:10

Instrument :

BNA_F

ClientSampleId :

PB111688BS

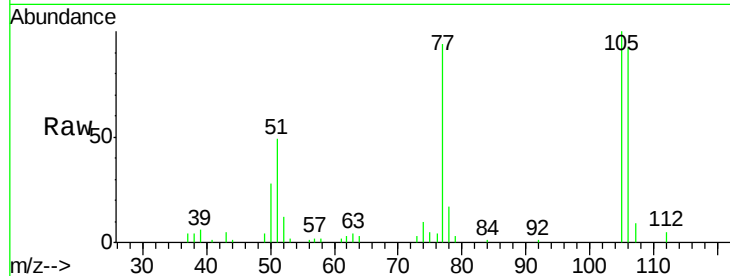
Tgt Ion: 77 Resp: 76097

Ion Ratio Lower Upper

77 100

105 106.9 81.1 121.1

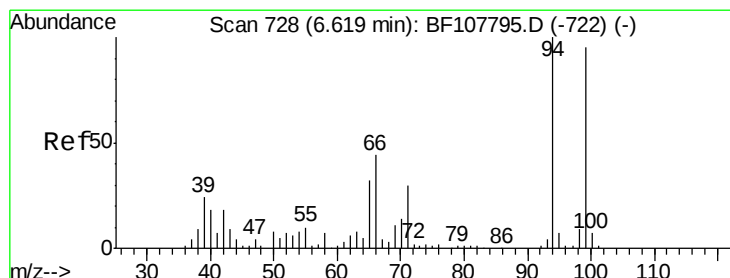
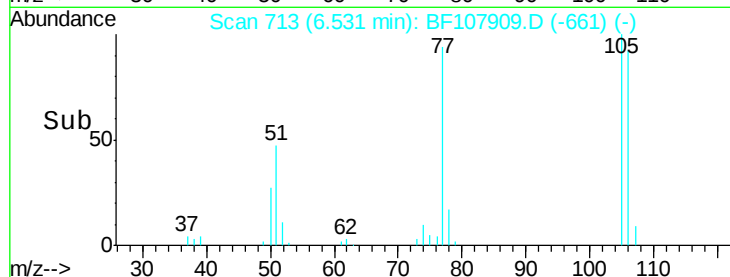
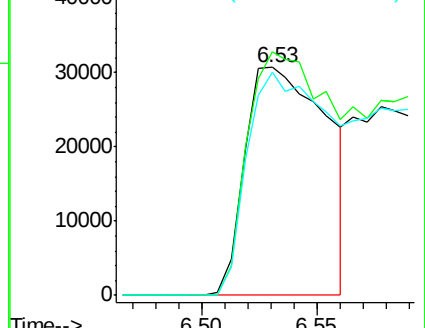
106 98.1 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 44.086 ng

RT: 6.62 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF107909.D

Acq: 2 Aug 2018 15:10

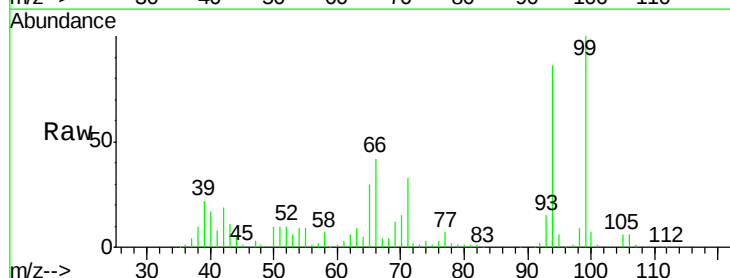
Tgt Ion: 94 Resp: 578135

Ion Ratio Lower Upper

94 100

65 35.3 7.9 47.9

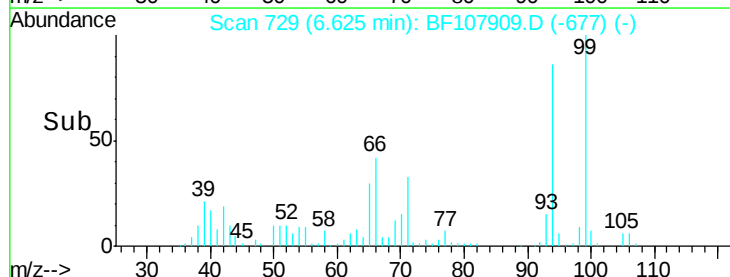
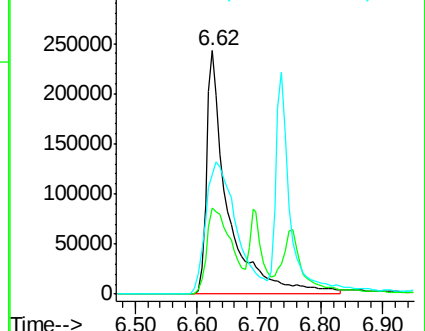
66 49.2 16.2 56.2

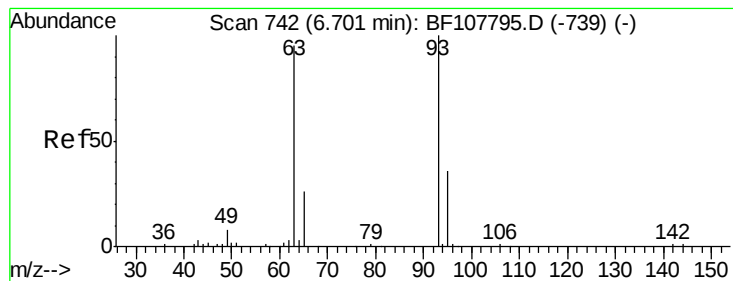


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 32.042 ng

RT: 6.69 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF107909.D

Acq: 2 Aug 2018 15:10

Instrument :

BNA_F

ClientSampleId :

PB111688BS

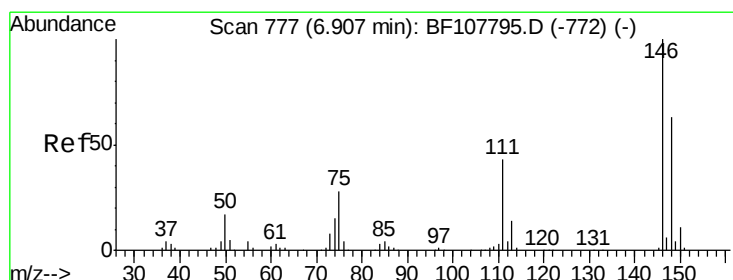
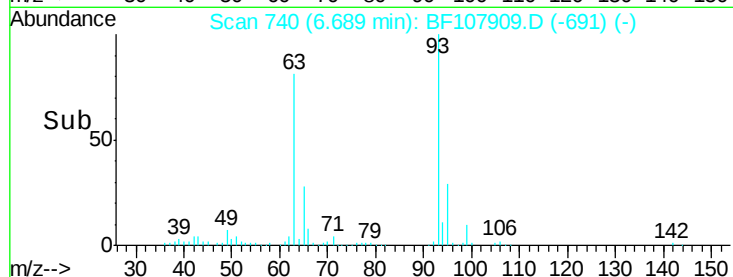
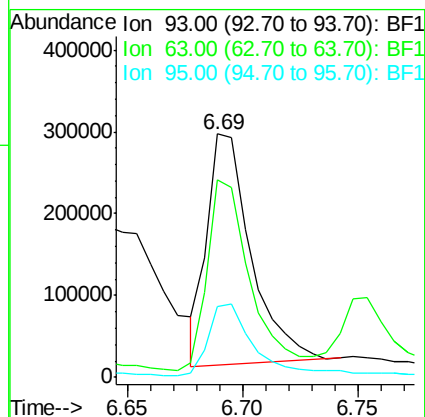
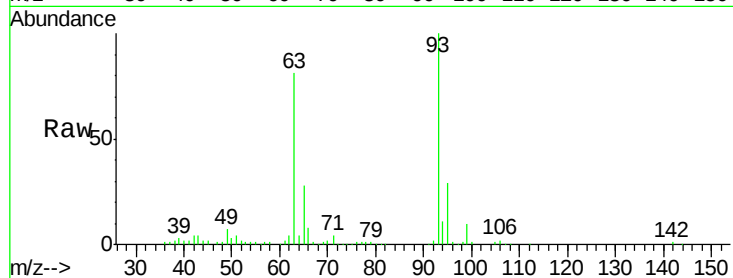
Tgt Ion: 93 Resp: 373639

Ion Ratio Lower Upper

93 100

63 81.0 58.6 98.6

95 29.0 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 43.305 ng

RT: 6.90 min Scan# 775

Delta R.T. -0.01 min

Lab File: BF107909.D

Acq: 2 Aug 2018 15:10

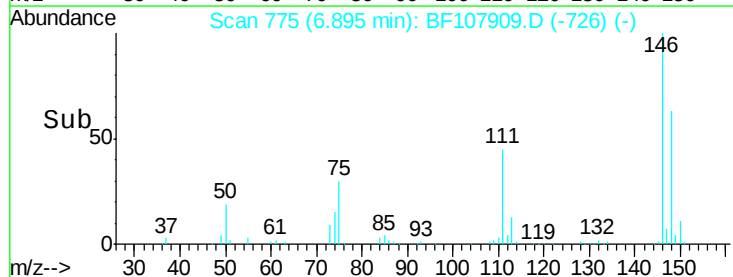
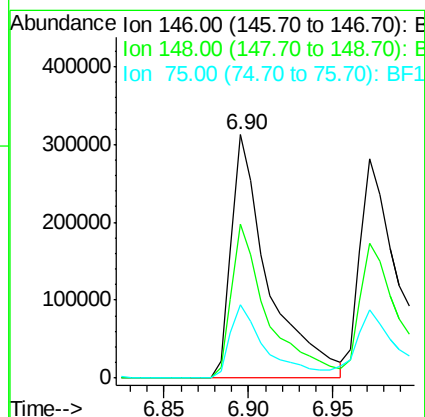
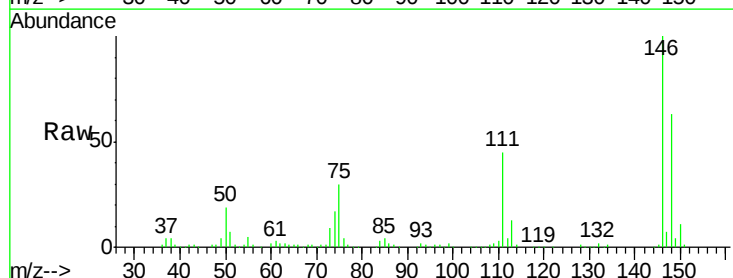
Tgt Ion: 146 Resp: 476044

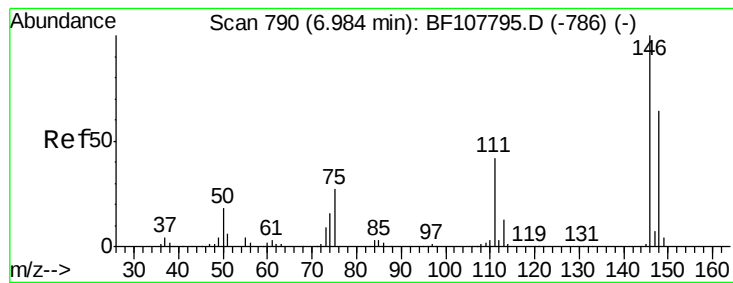
Ion Ratio Lower Upper

146 100

148 63.1 51.8 77.8

75 30.2 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 44.925 ng

RT: 6.97 min Scan# 788

Delta R.T. -0.01 min

Lab File: BF107909.D

Acq: 2 Aug 2018 15:10

Instrument :

BNA_F

ClientSampleId :

PB111688BS

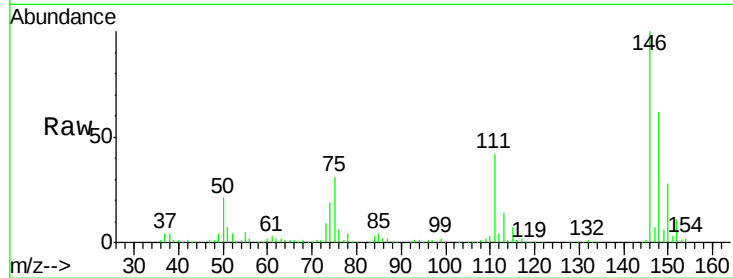
Tgt Ion:146 Resp: 549738

Ion Ratio Lower Upper

146 100

148 61.8 50.8 76.2

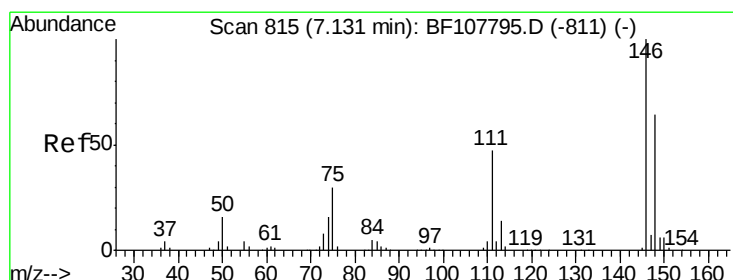
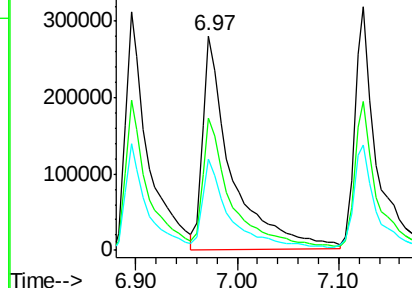
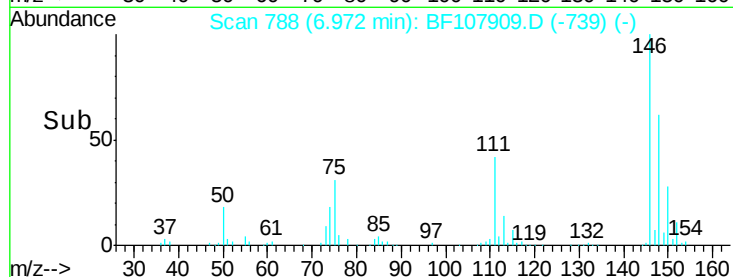
111 42.4 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 44.642 ng

RT: 7.12 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF107909.D

Acq: 2 Aug 2018 15:10

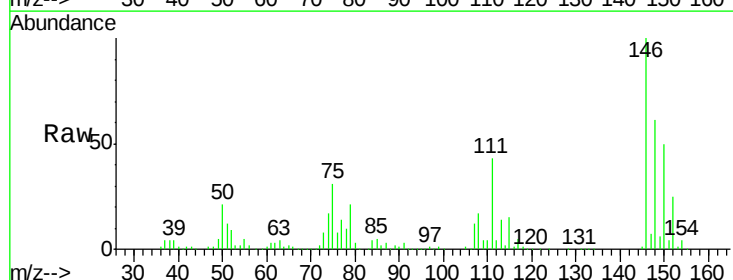
Tgt Ion:146 Resp: 507098

Ion Ratio Lower Upper

146 100

148 61.4 50.6 75.8

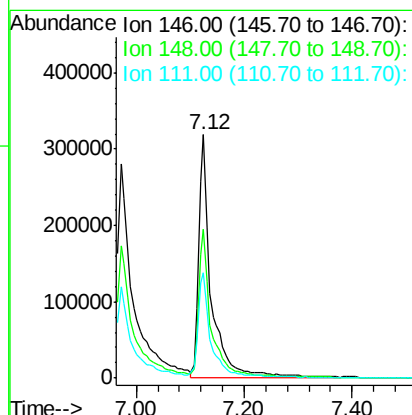
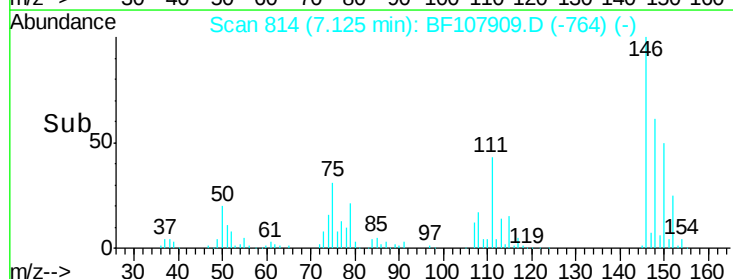
111 43.2 36.0 54.0

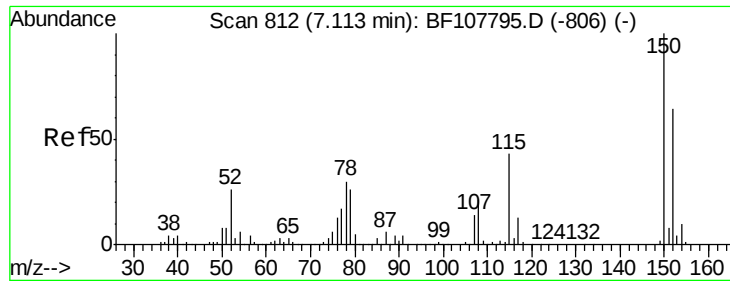


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.655 ng

RT: 7.12 min Scan# 813

Delta R.T. 0.01 min

Lab File: BF107909.D

Acq: 2 Aug 2018 15:10

Instrument :

BNA_F

ClientSampleId :

PB111688BS

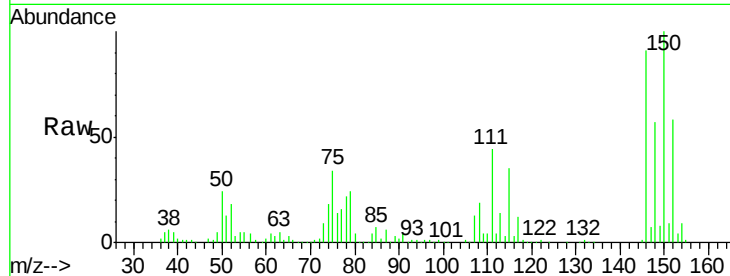
Tgt Ion: 79 Resp: 298384

Ion Ratio Lower Upper

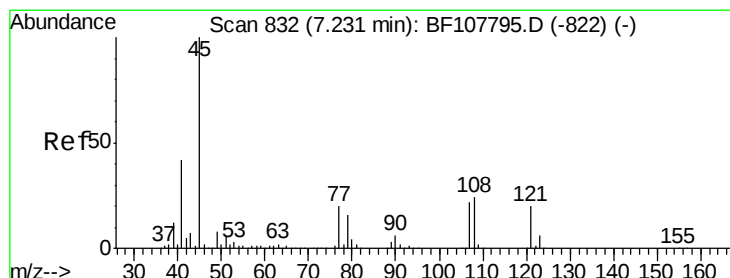
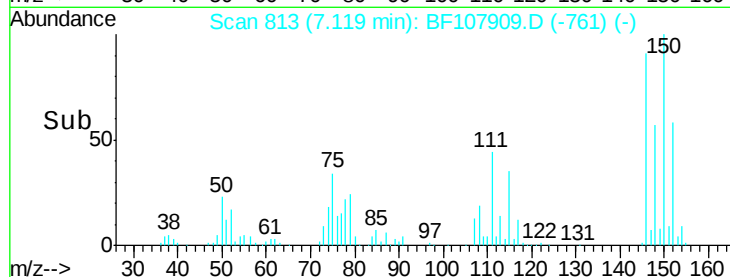
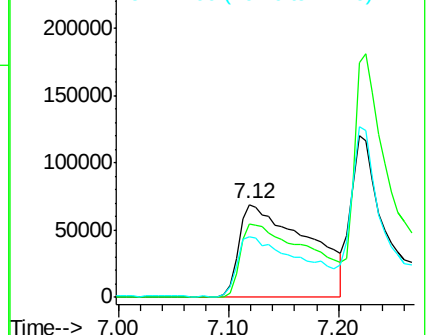
79 100

108 79.2 65.1 97.7

77 64.9 50.6 75.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.288 ng

RT: 7.22 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF107909.D

Acq: 2 Aug 2018 15:10

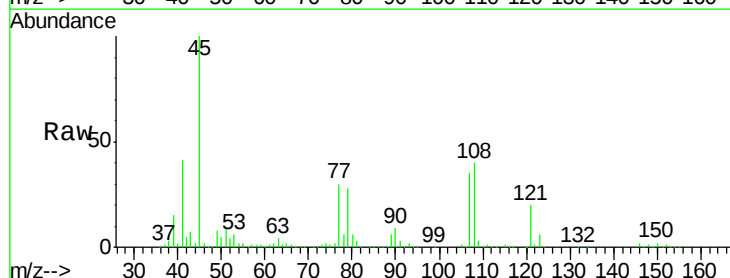
Tgt Ion: 45 Resp: 725743

Ion Ratio Lower Upper

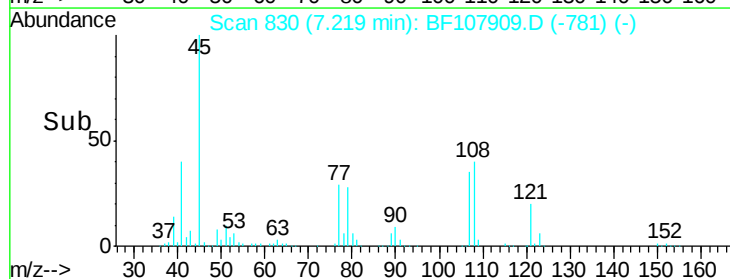
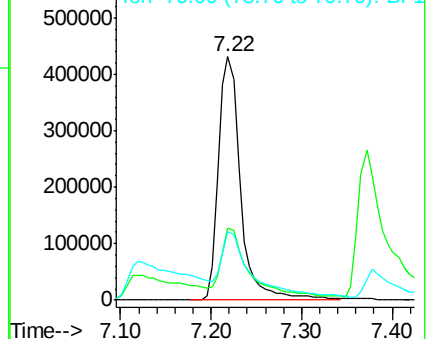
45 100

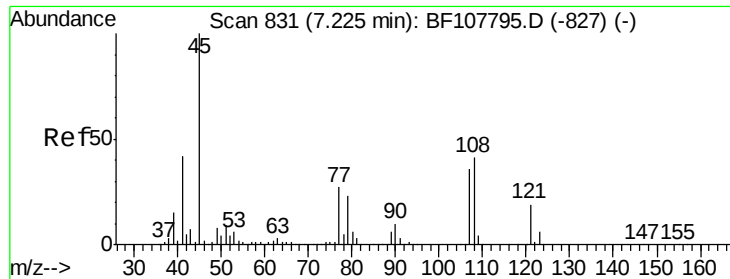
77 29.5 0.0 32.9

79 27.8 0.0 29.6



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

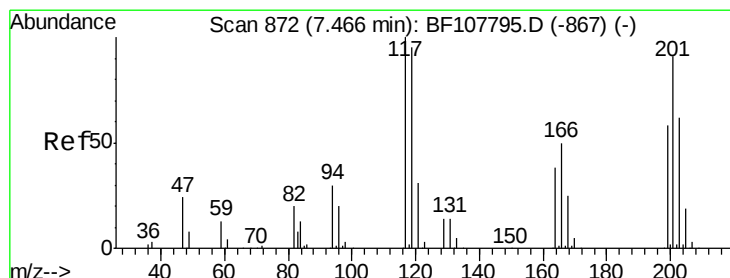
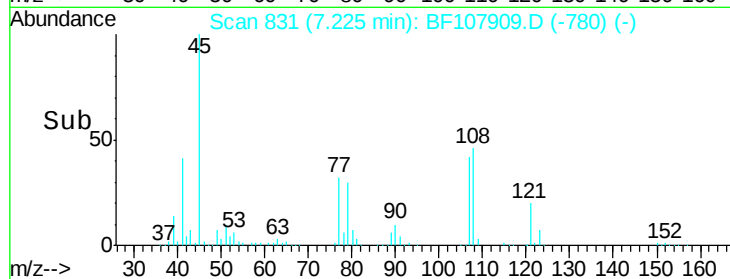
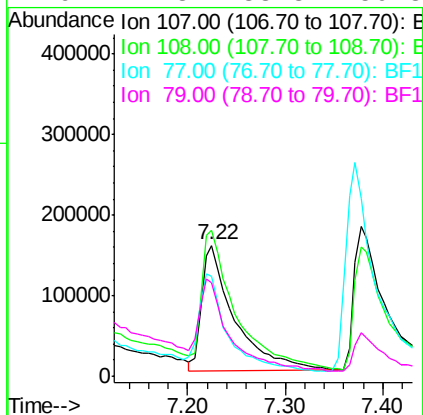
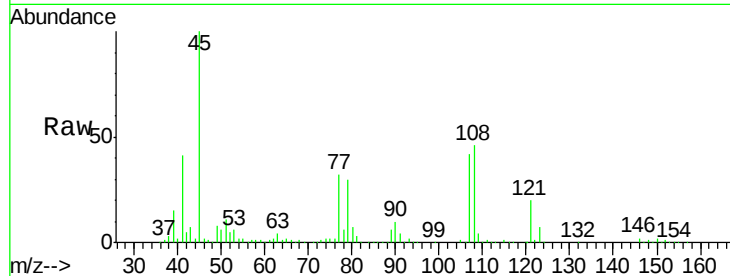




#17
2-Methylphenol
Concen: 47.745 ng
RT: 7.22 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF107909.D
Acq: 2 Aug 2018 15:10

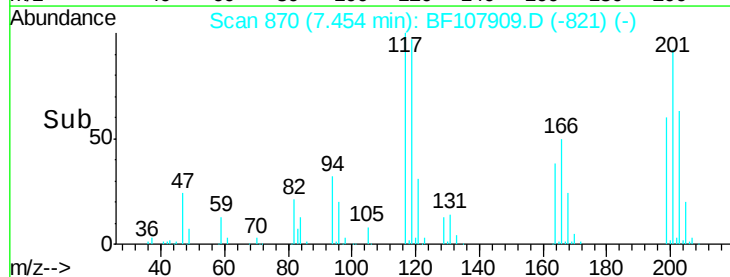
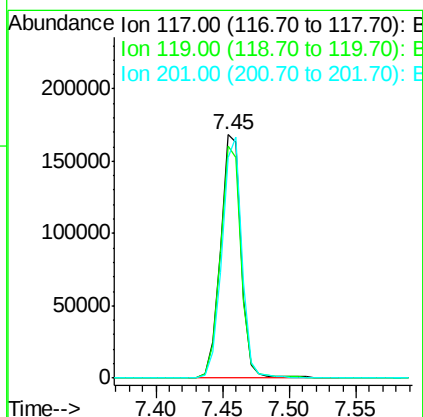
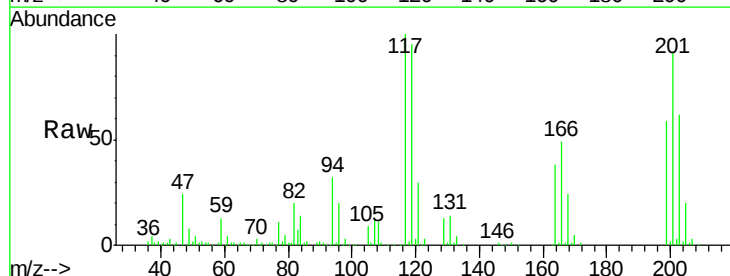
Instrument :
BNA_F
ClientSampleId :
PB111688BS

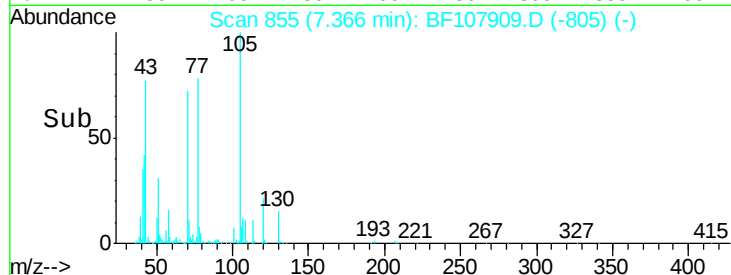
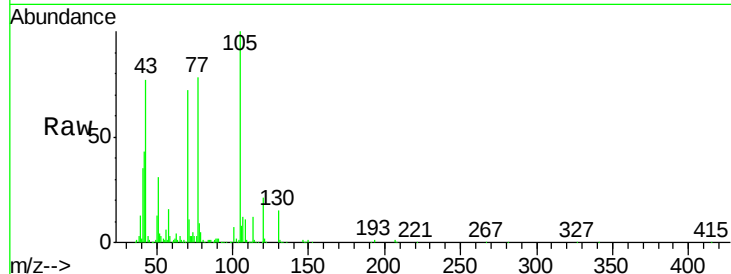
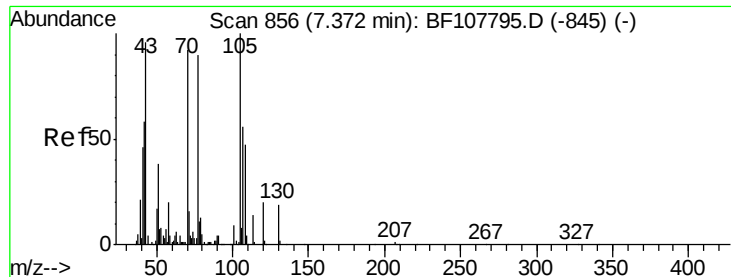
Tgt Ion	Ratio	Lower	Upper
107	100		
108	111.4	91.7	137.5
77	76.4	33.8	50.8#
79	71.8	33.8	50.8#



#18
Hexachloroethane
Concen: 41.766 ng
RT: 7.45 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF107909.D
Acq: 2 Aug 2018 15:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	75.8	113.8
201	90.5	75.7	113.5

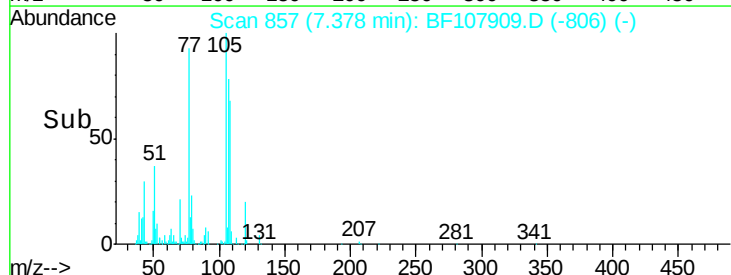
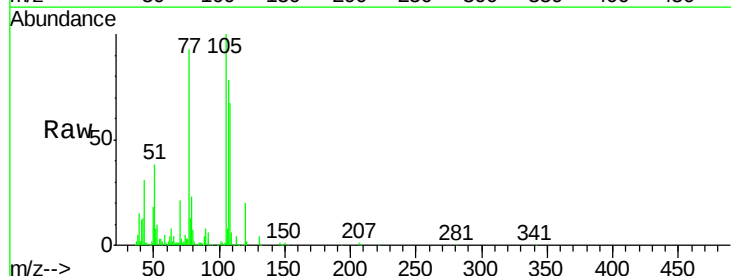
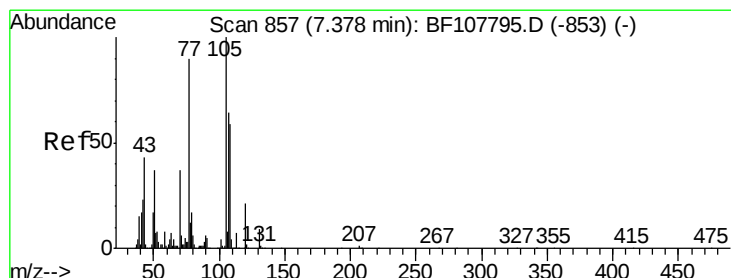
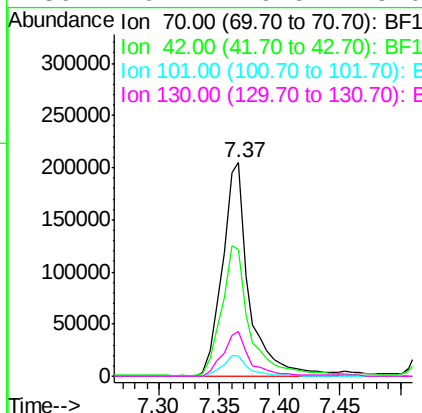




#19
n-Nitroso-di-n-propylamine
Concen: 45.086 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF107909.D
Acq: 2 Aug 2018 15:10

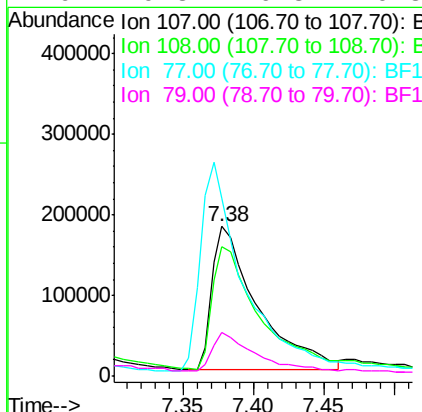
Instrument :
BNA_F
ClientSampleId :
PB111688BS

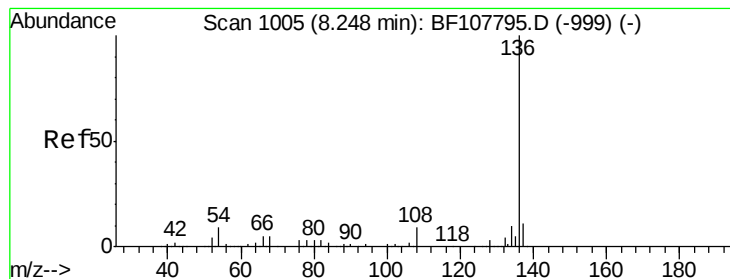
Tgt Ion: 70 Resp: 314510
Ion Ratio Lower Upper
70 100
42 59.3 47.5 71.3
101 9.9 7.4 11.2
130 20.7 16.6 25.0



#20
3+4-Methylphenols
Concen: 42.111 ng
RT: 7.38 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF107909.D
Acq: 2 Aug 2018 15:10

Tgt Ion: 107 Resp: 400023
Ion Ratio Lower Upper
107 100
108 86.4 68.2 108.2
77 118.9 26.7 66.7#
79 29.3 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF107909.D

Acq: 2 Aug 2018 15:10

Instrument :

BNA_F

ClientSampleId :

PB111688BS

Tgt Ion:136 Resp: 631096

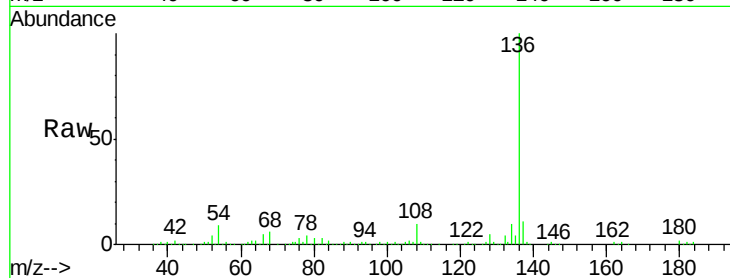
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 9.5 6.6 9.8

68 6.0 5.0 7.4

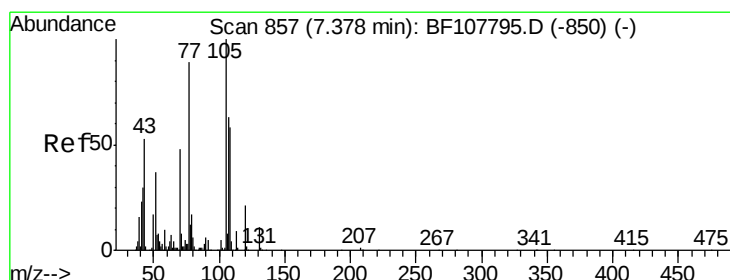
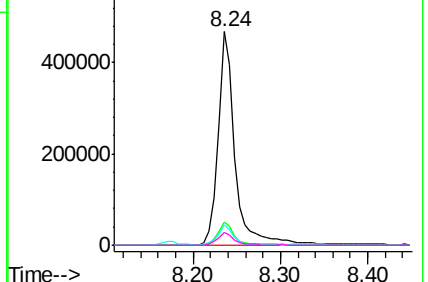
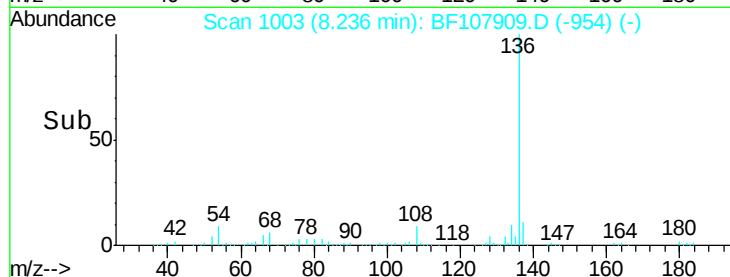


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.409 ng

RT: 7.37 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF107909.D

Acq: 2 Aug 2018 15:10

Tgt Ion:105 Resp: 659091

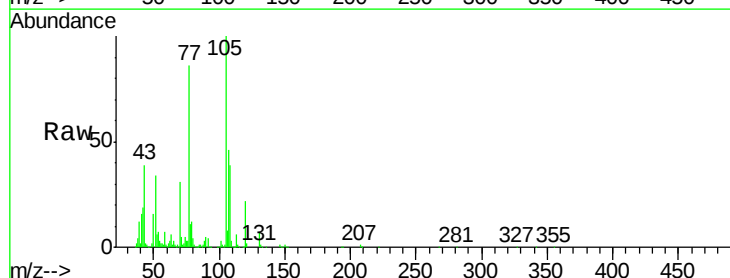
Ion Ratio Lower Upper

105 100

71 5.0 4.4 6.6

51 34.4 22.3 33.5#

120 21.6 16.9 25.3

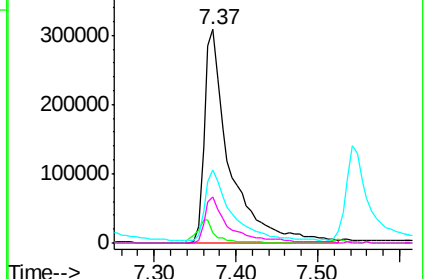
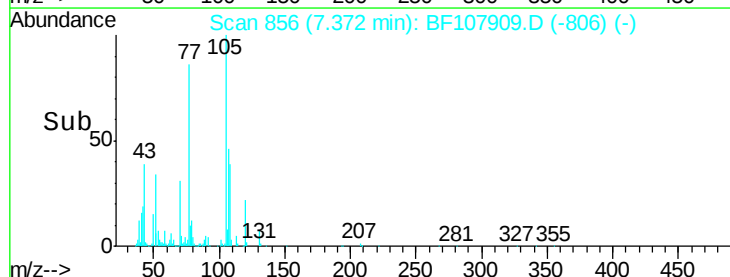


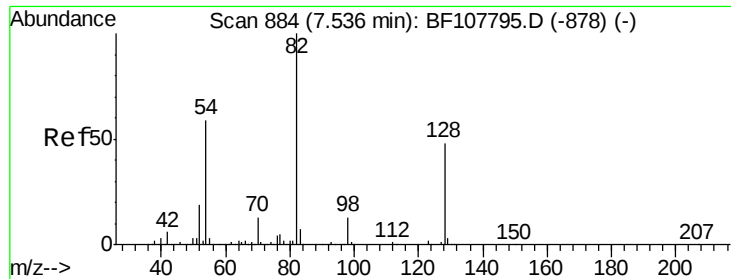
Abundance Ion 105.00 (104.70 to 105.70): E

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

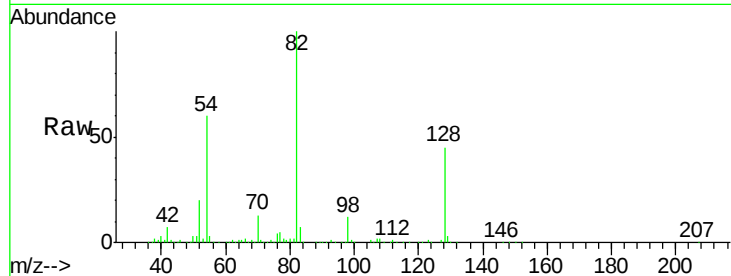




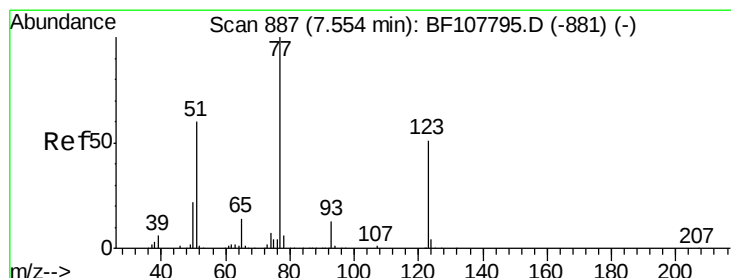
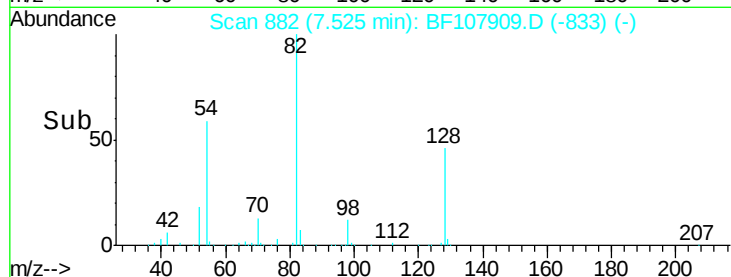
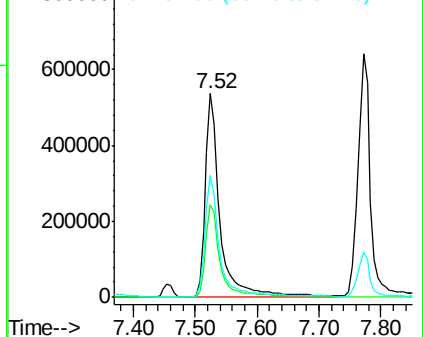
#23
Nitrobenzene-d5
Concen: 81.744 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF107909.D
Acq: 2 Aug 2018 15:10

Instrument :
BNA_F
ClientSampleId :
PB111688BS

Tgt Ion: 82 Resp: 895471
Ion Ratio Lower Upper
82 100
128 45.5 36.1 54.1
54 60.0 41.4 62.2

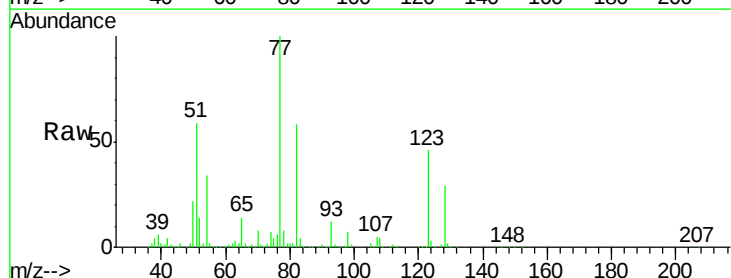


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

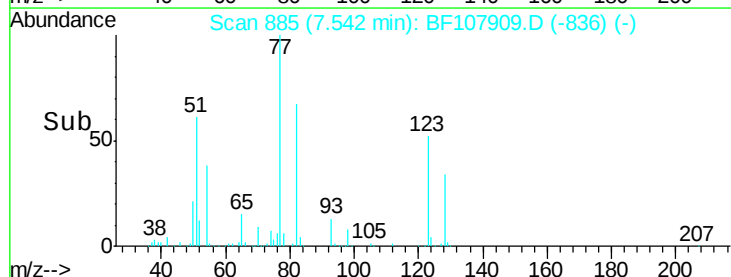
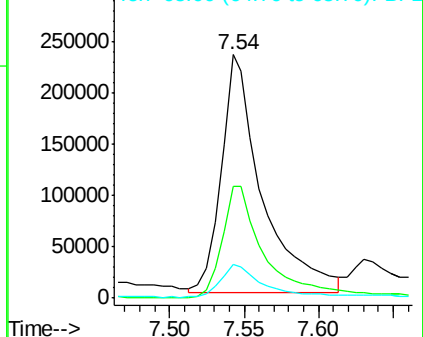


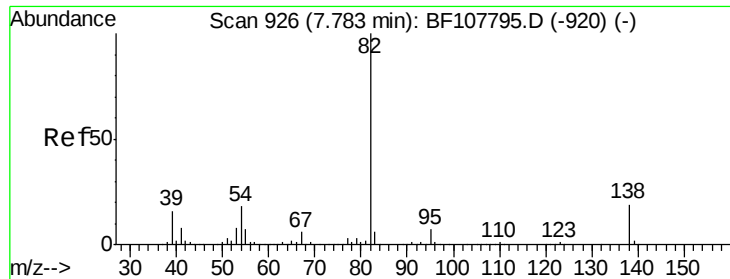
#24
Nitrobenzene
Concen: 38.617 ng
RT: 7.54 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF107909.D
Acq: 2 Aug 2018 15:10

Tgt Ion: 77 Resp: 443586
Ion Ratio Lower Upper
77 100
123 45.7 37.9 56.9
65 14.0 11.0 16.4



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





#25

Isophorone

Concen: 50.450 ng

RT: 7.77 min Scan# 924

Delta R.T. -0.01 min

Lab File: BF107909.D

Acq: 2 Aug 2018 15:10

Instrument :

BNA_F

ClientSampleId :

PB111688BS

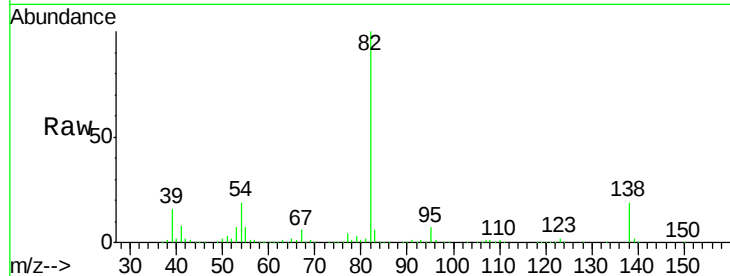
Tgt Ion: 82 Resp: 907182

Ion Ratio Lower Upper

82 100

95 7.0 5.2 7.8

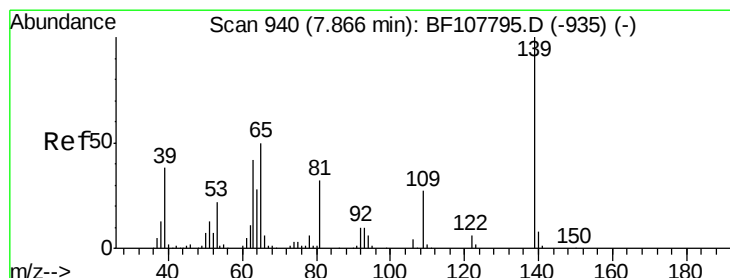
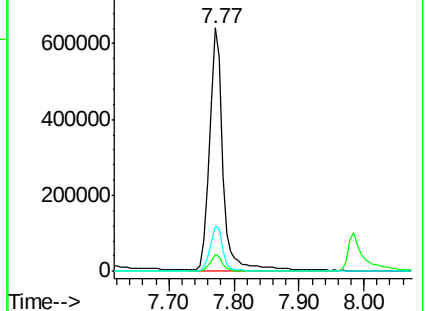
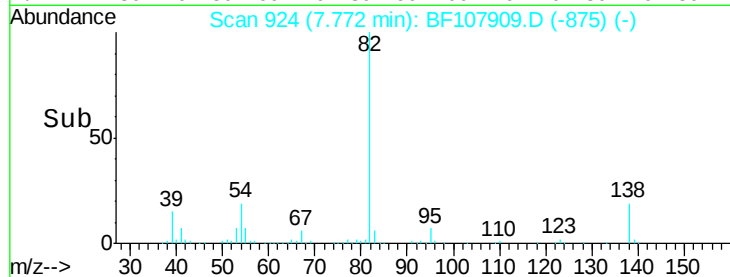
138 18.6 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 43.825 ng

RT: 7.86 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF107909.D

Acq: 2 Aug 2018 15:10

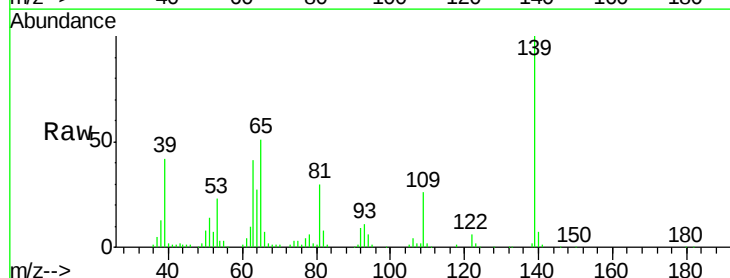
Tgt Ion: 139 Resp: 252641

Ion Ratio Lower Upper

139 100

109 25.8 22.7 34.1

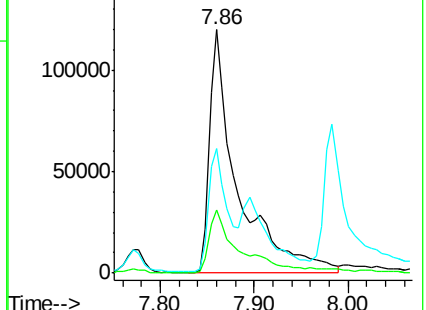
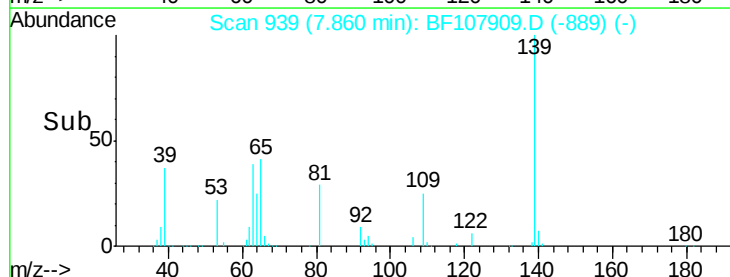
65 51.2 40.5 60.7

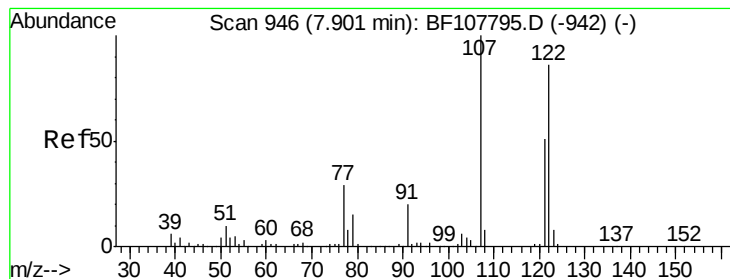


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 51.163 ng

RT: 7.90 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF107909.D

Acq: 2 Aug 2018 15:10

Instrument :

BNA_F

ClientSampleId :

PB111688BS

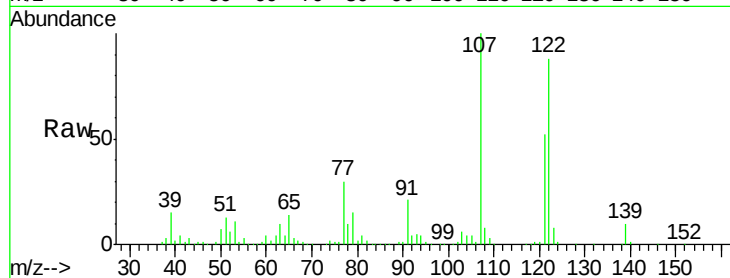
Tgt Ion:122 Resp: 394878

Ion Ratio Lower Upper

122 100

107 113.7 91.2 136.8

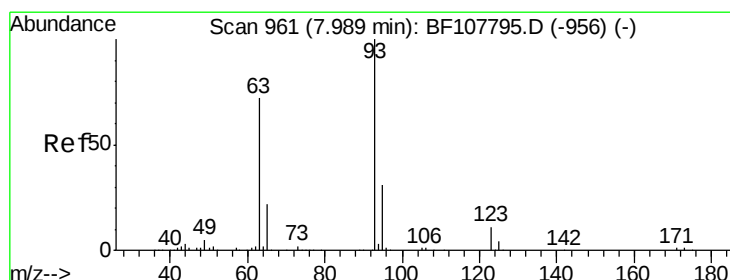
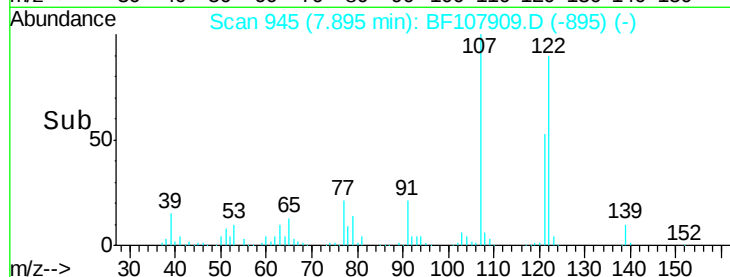
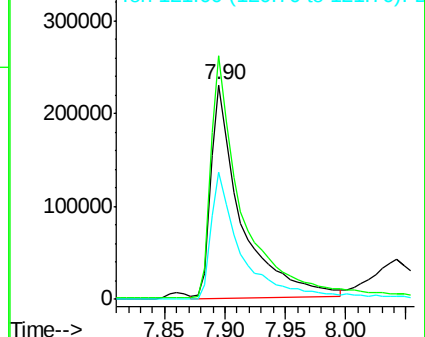
121 59.1 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 46.891 ng

RT: 7.98 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF107909.D

Acq: 2 Aug 2018 15:10

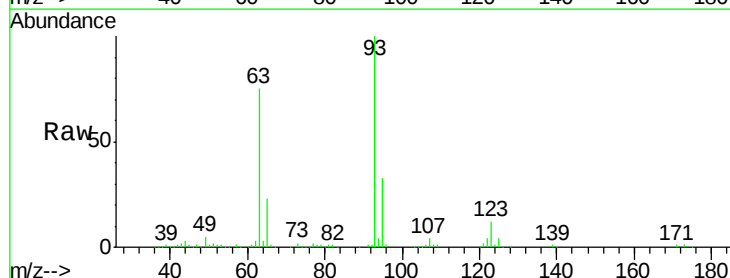
Tgt Ion: 93 Resp: 555677

Ion Ratio Lower Upper

93 100

95 32.7 26.3 39.5

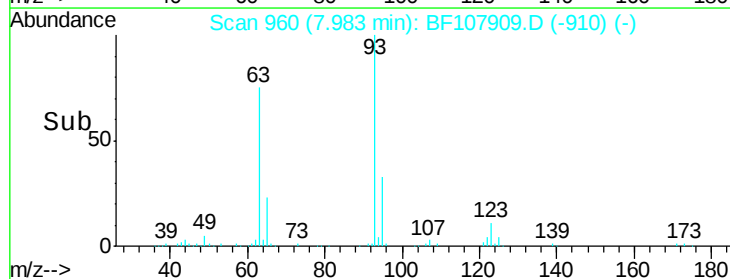
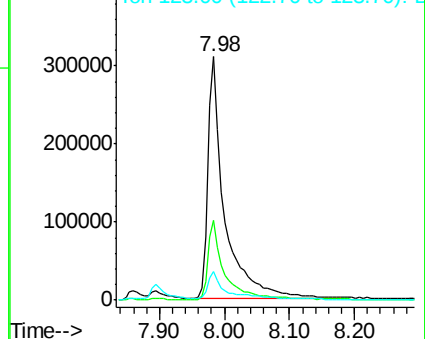
123 11.8 9.8 14.6

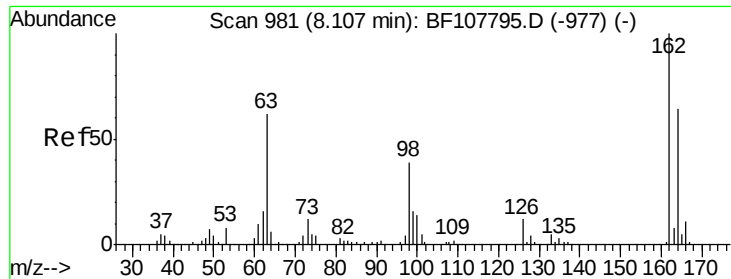


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

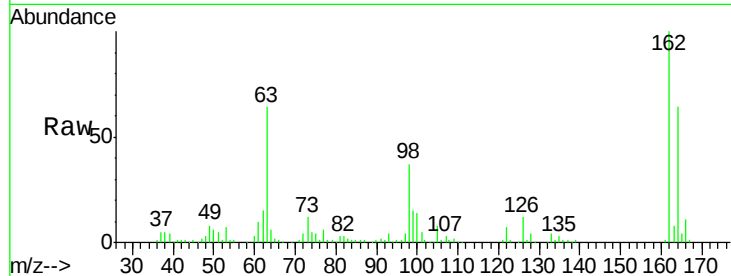




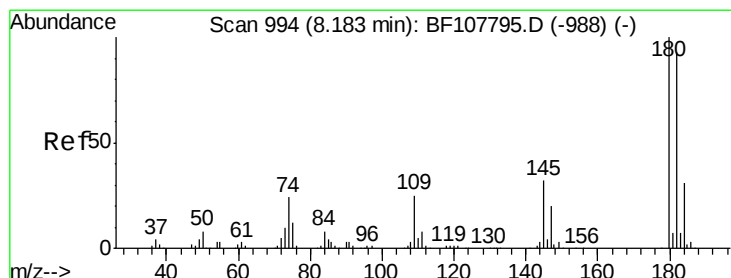
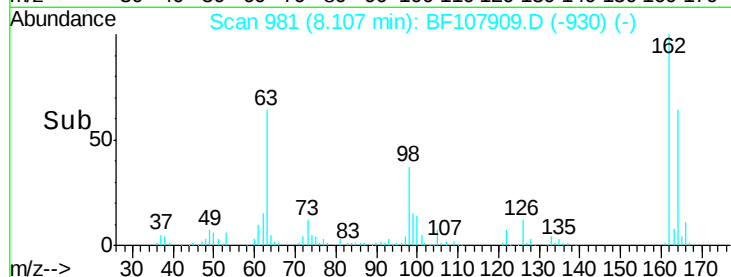
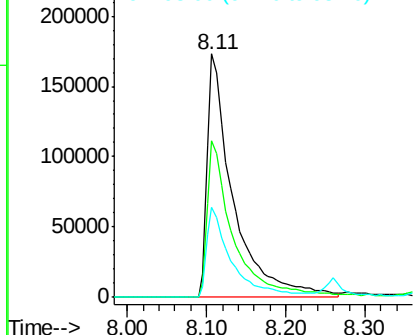
#29
 2,4-Dichlorophenol
 Concen: 45.283 ng
 RT: 8.11 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: BF107909.D
 Acq: 2 Aug 2018 15:10

Instrument :
 BNA_F
 ClientSampleId :
 PB111688BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.3	42.7	82.7
98	37.2	18.1	58.1

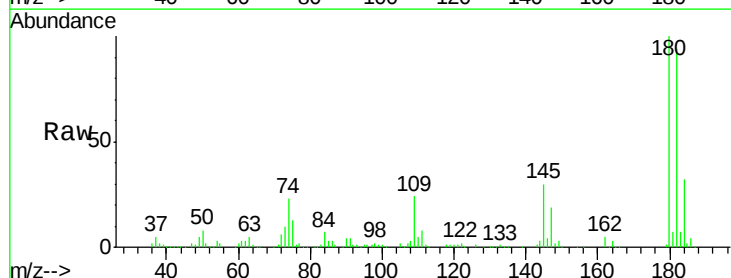


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

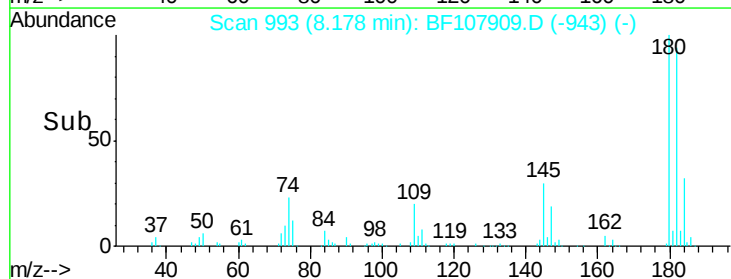
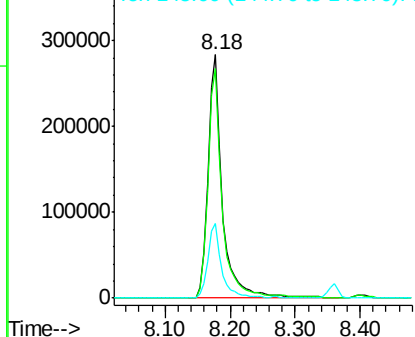


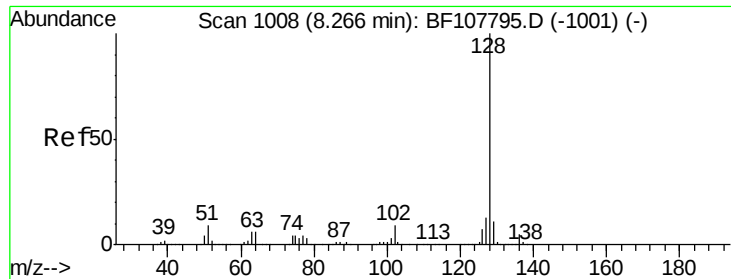
#30
 1,2,4-Trichlorobenzene
 Concen: 43.516 ng
 RT: 8.18 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BF107909.D
 Acq: 2 Aug 2018 15:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	76.8	115.2
145	30.4	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

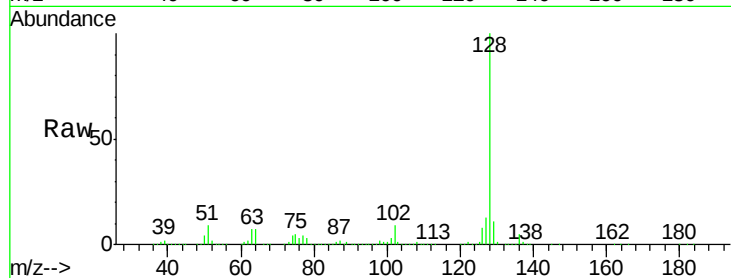




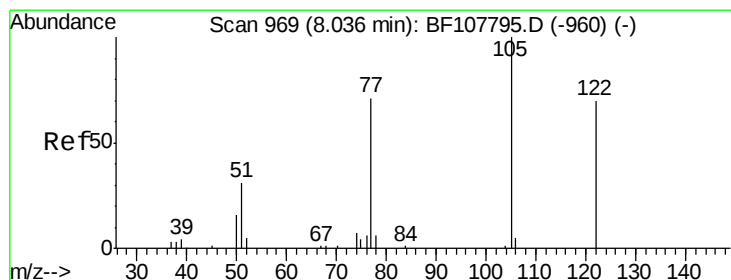
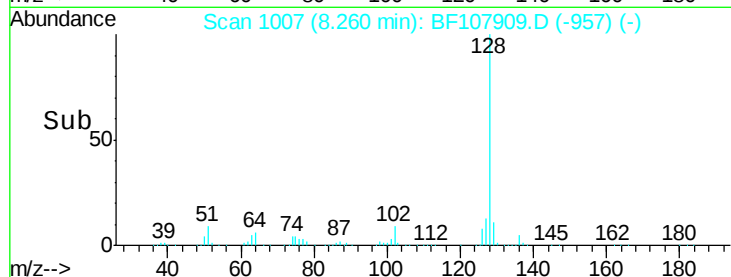
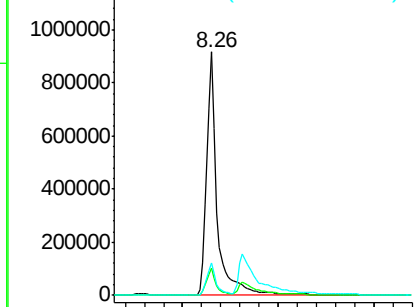
#31
Naphthalene
Concen: 48.315 ng
RT: 8.26 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF107909.D
Acq: 2 Aug 2018 15:10

Instrument :
BNA_F
ClientSampleId :
PB111688BS

Tgt Ion:128 Resp: 1417377
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.4 10.9 16.3

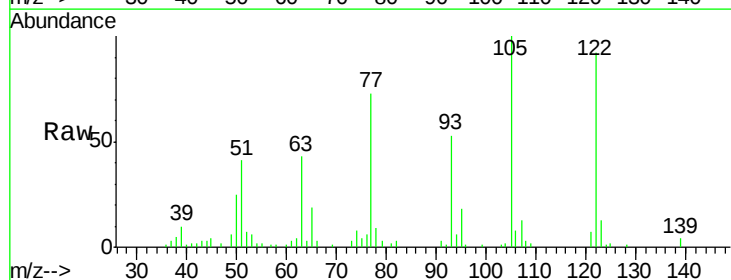


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

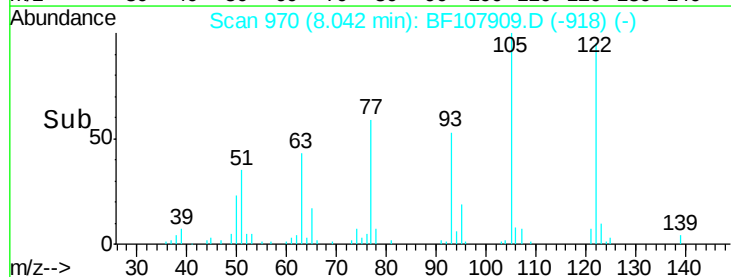
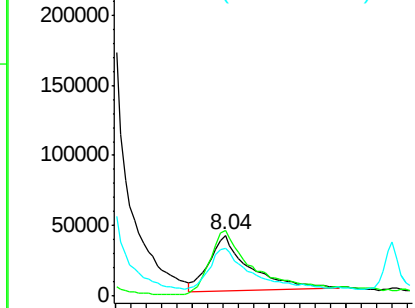


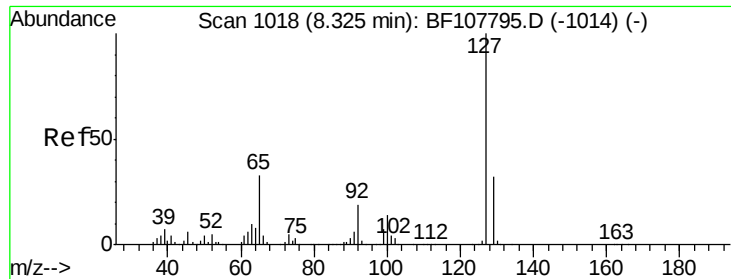
#32
Benzoic acid
Concen: 28.153 ng
RT: 8.04 min Scan# 970
Delta R.T. 0.01 min
Lab File: BF107909.D
Acq: 2 Aug 2018 15:10

Tgt Ion:122 Resp: 143674
Ion Ratio Lower Upper
122 100
105 108.2 101.1 141.1
77 79.5 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

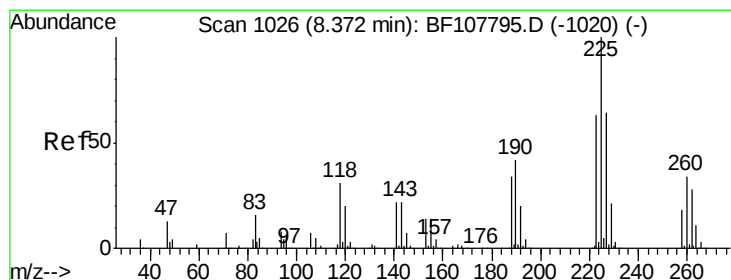
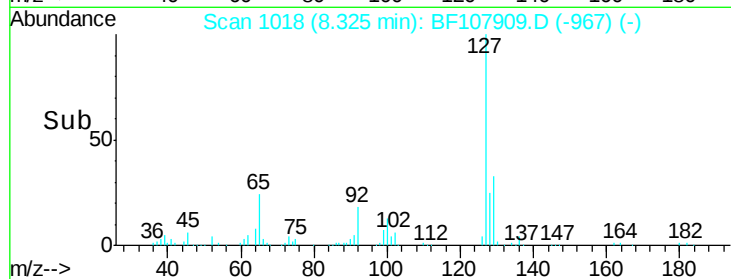
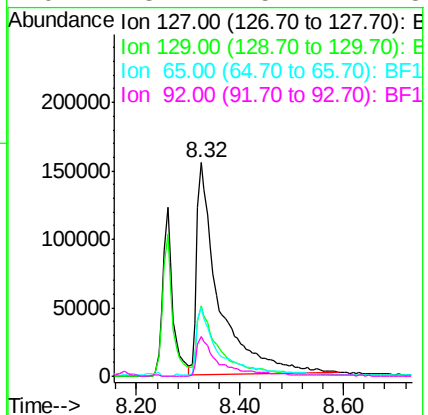
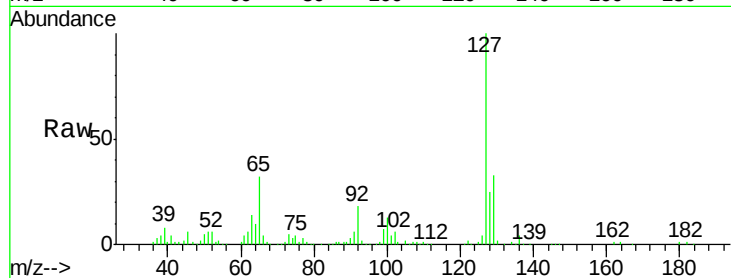




#33
4-Chloroaniline
Concen: 36.586 ng
RT: 8.32 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF107909.D
Acq: 2 Aug 2018 15:10

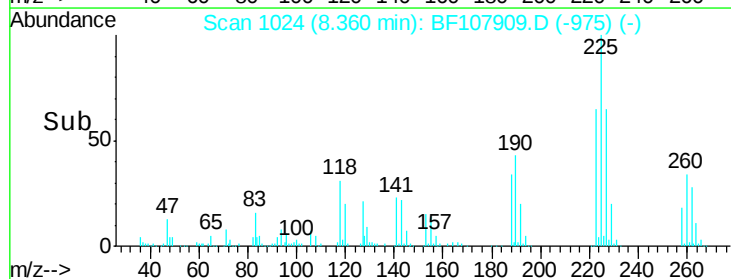
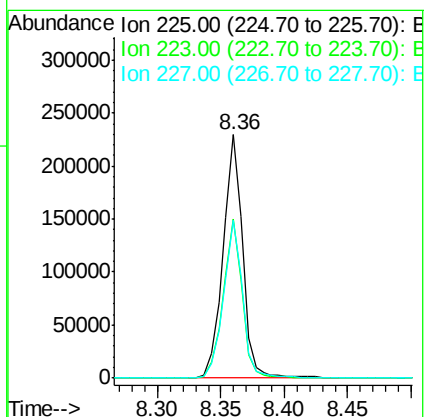
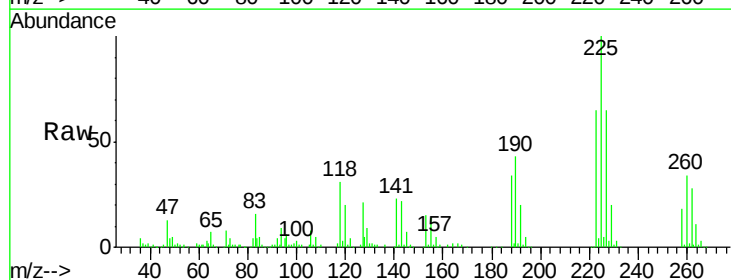
Instrument :
BNA_F
ClientSampleId :
PB111688BS

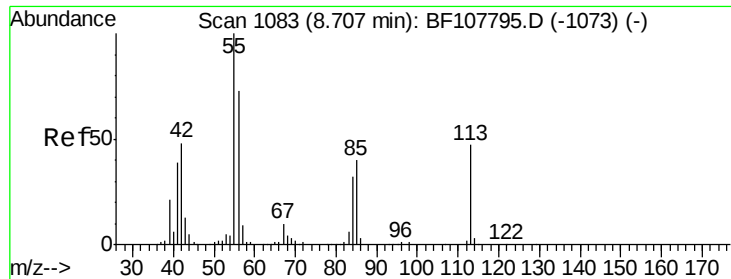
Tgt Ion:	127	Resp:	458441
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.9	38.9
65	32.1	25.0	37.4
92	18.4	15.2	22.8



#34
Hexachlorobutadiene
Concen: 40.088 ng
RT: 8.36 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF107909.D
Acq: 2 Aug 2018 15:10

Tgt Ion:	225	Resp:	246723
Ion	Ratio	Lower	Upper
225	100		
223	65.3	50.6	76.0
227	64.7	51.9	77.9

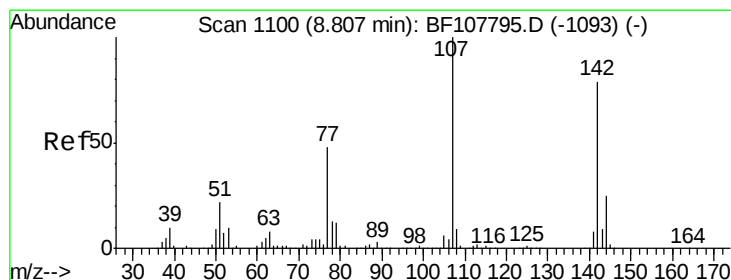
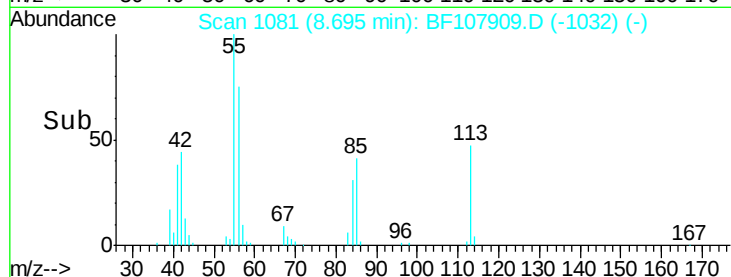
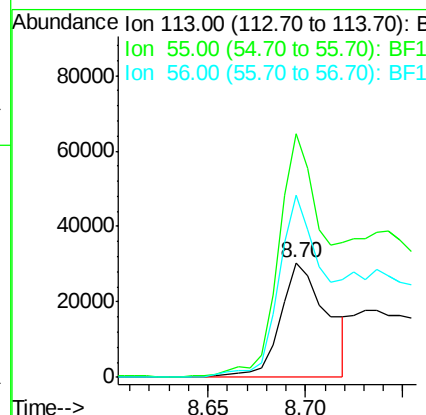
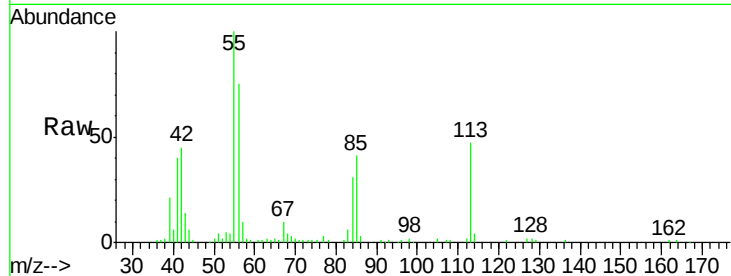




#35
 Caprolactam
 Concen: 19.201 ng
 RT: 8.70 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BF107909.D
 Acq: 2 Aug 2018 15:10

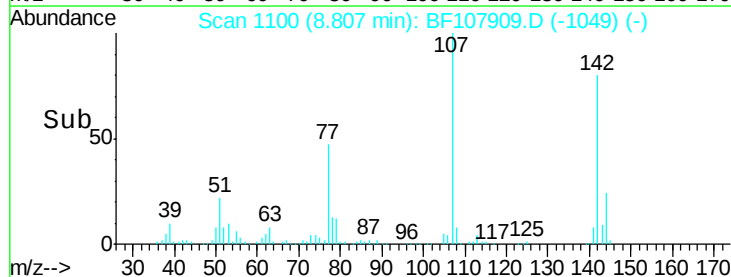
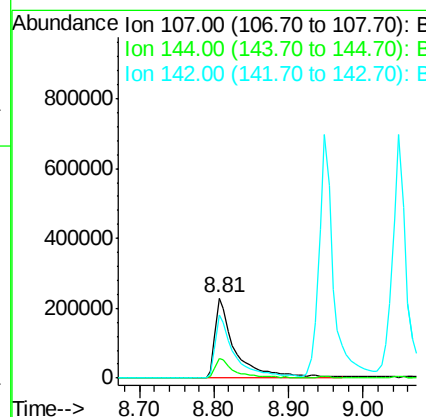
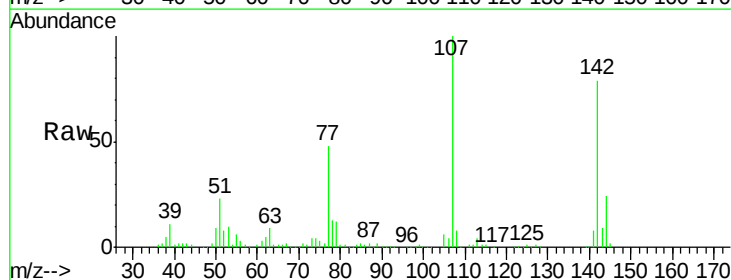
Instrument :
 BNA_F
 ClientSampleId :
 PB111688BS

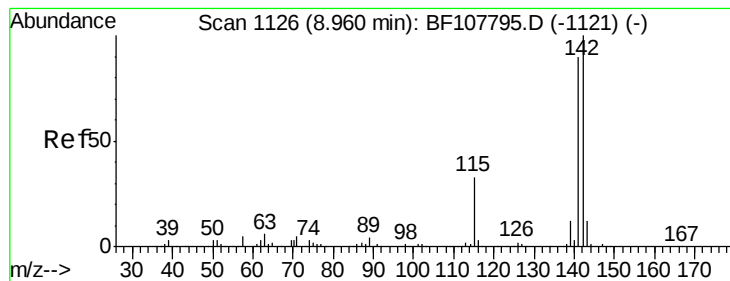
Tgt Ion:113 Resp: 50463
 Ion Ratio Lower Upper
 113 100
 55 212.7 163.3 203.3#
 56 158.7 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 45.216 ng
 RT: 8.81 min Scan# 1100
 Delta R.T. -0.00 min
 Lab File: BF107909.D
 Acq: 2 Aug 2018 15:10

Tgt Ion:107 Resp: 428706
 Ion Ratio Lower Upper
 107 100
 144 24.4 20.5 30.7
 142 79.4 62.0 93.0





#37

2-Methylnaphthalene

Concen: 50.554 ng

RT: 8.95 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BF107909.D

Acq: 2 Aug 2018 15:10

Instrument :

BNA_F

ClientSampleId :

PB111688BS

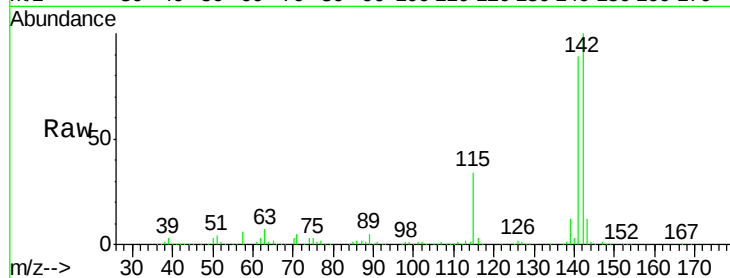
Tgt Ion:142 Resp: 931585

Ion Ratio Lower Upper

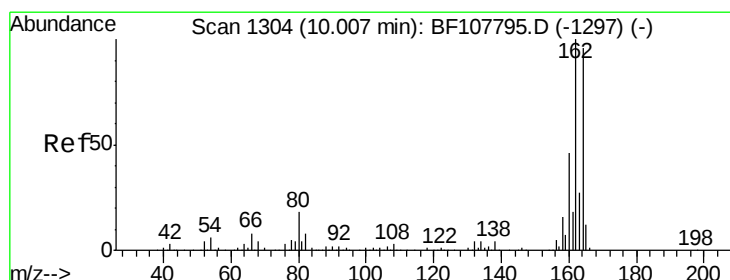
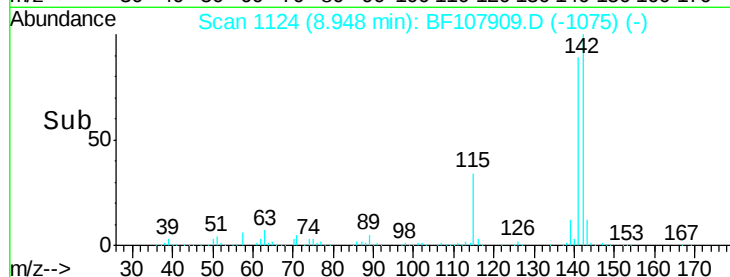
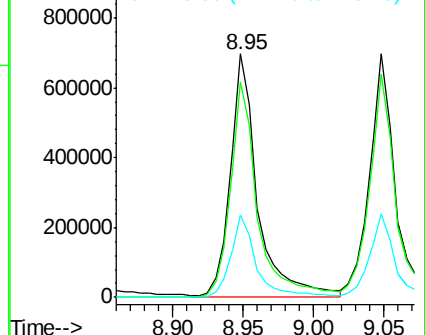
142 100

141 88.6 70.8 106.2

115 33.9 26.1 39.1



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF107909.D

Acq: 2 Aug 2018 15:10

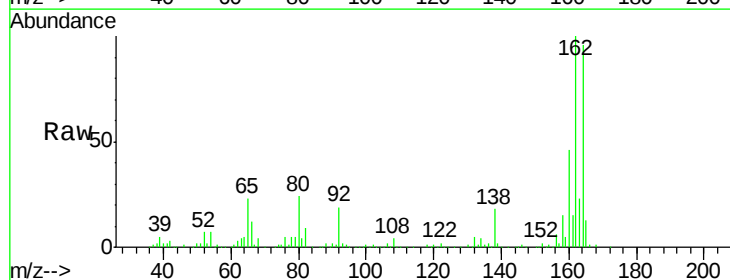
Tgt Ion:164 Resp: 293982

Ion Ratio Lower Upper

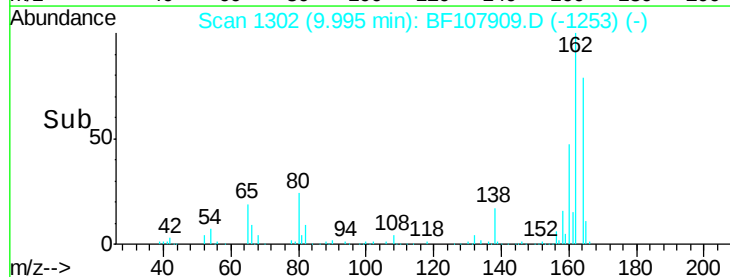
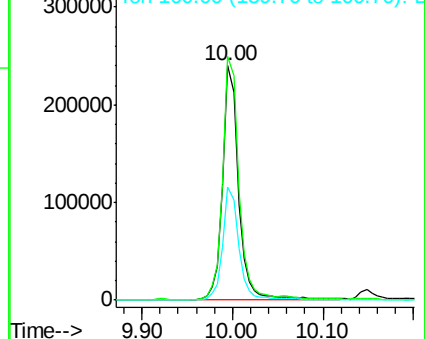
164 100

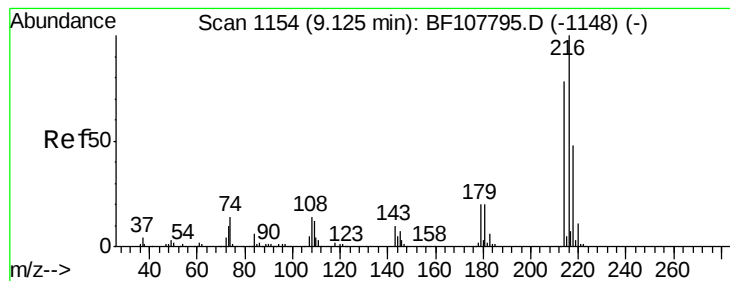
162 103.8 86.1 129.1

160 48.0 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.203 ng

RT: 9.11 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF107909.D

Acq: 2 Aug 2018 15:10

Instrument :

BNA_F

ClientSampleId :

PB111688BS

Tgt Ion:216 Resp: 453085

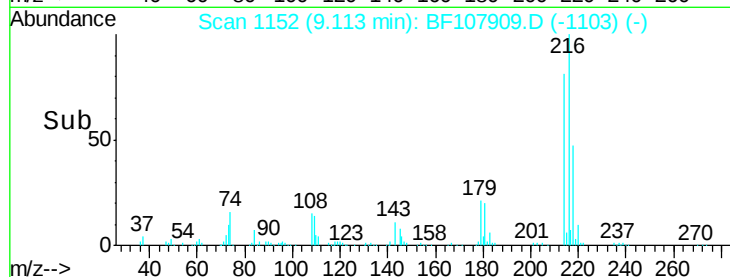
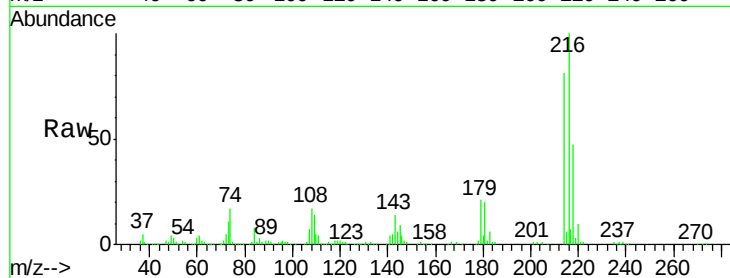
Ion Ratio Lower Upper

216 100

214 79.0 63.0 94.4

179 20.8 18.1 27.1

108 18.1 17.2 25.8



Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

Time-->

9.11

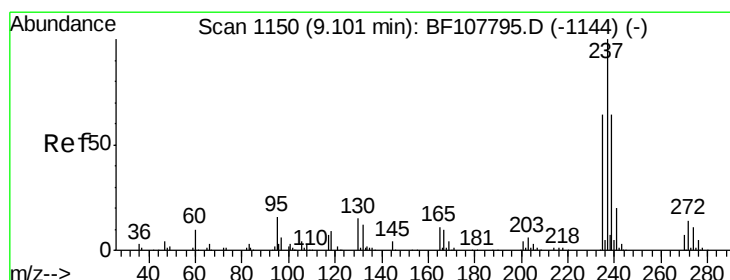
300000

200000

100000

0

9.00 9.10 9.20 9.30 9.40



#40

Hexachlorocyclopentadiene

Concen: 79.754 ng

RT: 9.09 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BF107909.D

Acq: 2 Aug 2018 15:10

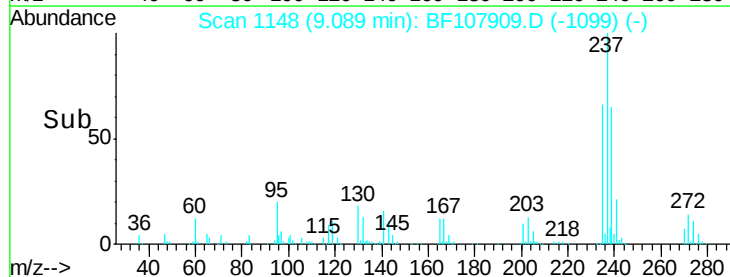
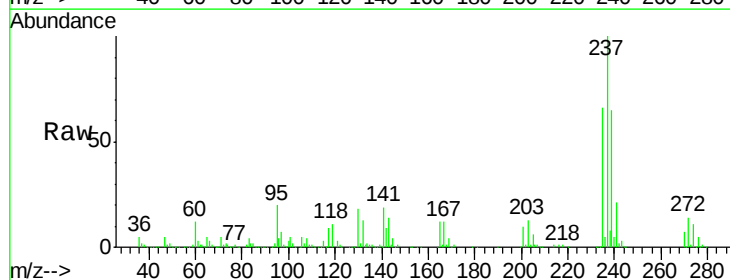
Tgt Ion:237 Resp: 344005

Ion Ratio Lower Upper

237 100

235 65.7 44.8 84.8

272 13.9 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

Time-->

9.09

400000

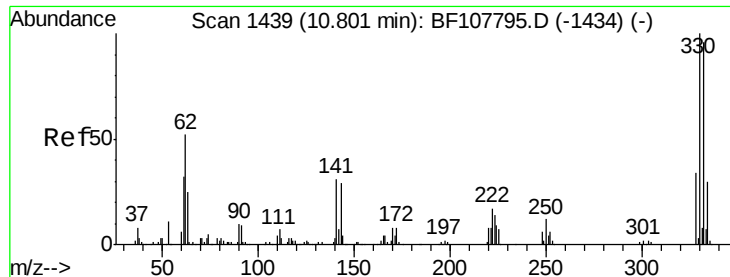
300000

200000

100000

0

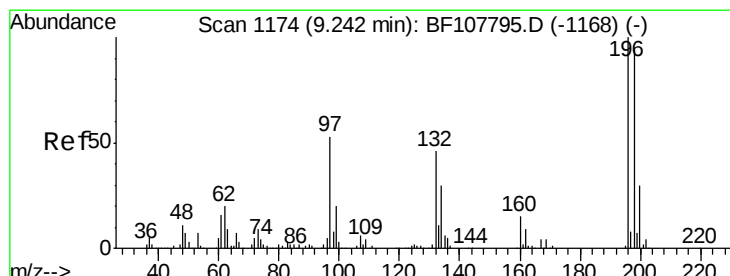
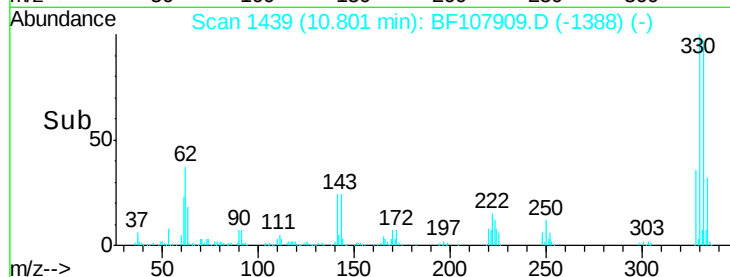
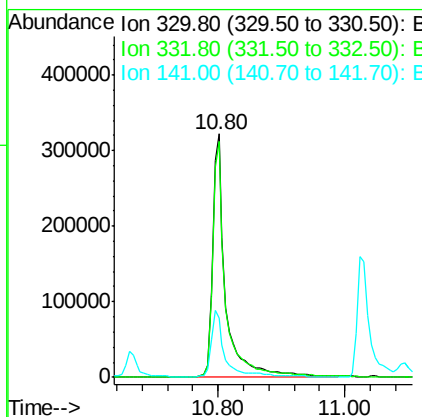
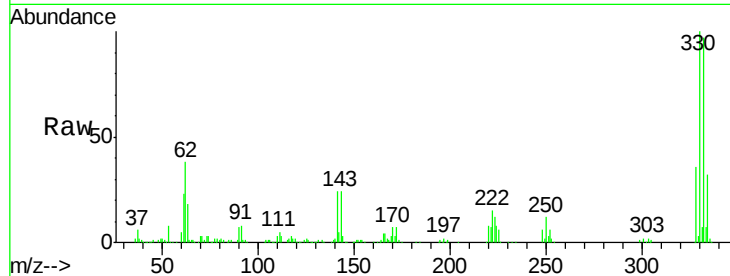
9.00 9.10 9.20



#41
 2,4,6-Tribromophenol
 Concen: 119.822 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF107909.D
 Acq: 2 Aug 2018 15:10

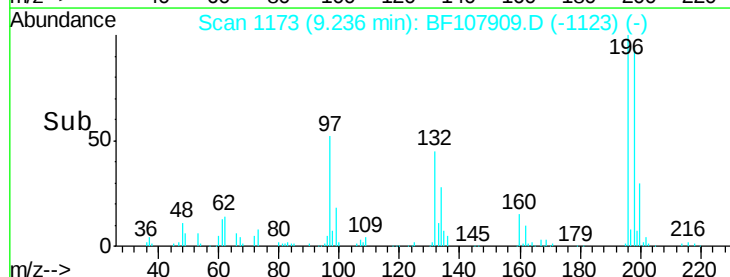
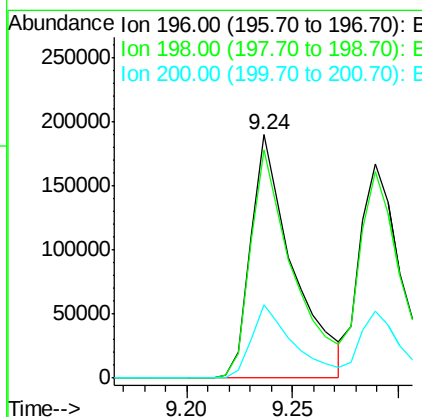
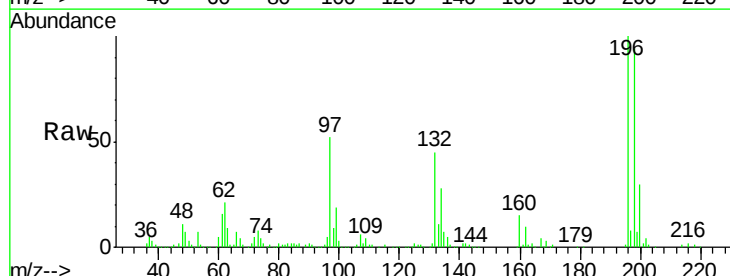
Instrument :
 BNA_F
 ClientSampleId :
 PB111688BS

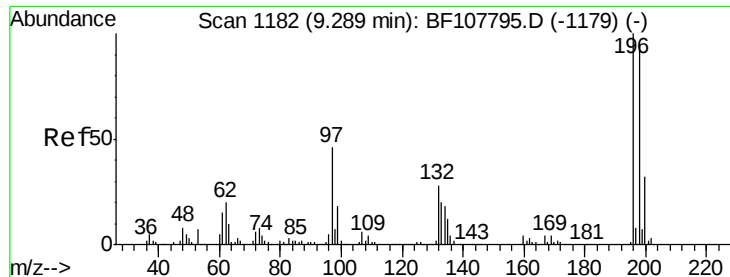
Tgt Ion:330 Resp: 478644
 Ion Ratio Lower Upper
 330 100
 332 98.3 77.0 115.6
 141 27.7 29.9 44.9#



#42
 2,4,6-Trichlorophenol
 Concen: 47.514 ng
 RT: 9.24 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF107909.D
 Acq: 2 Aug 2018 15:10

Tgt Ion:196 Resp: 263284
 Ion Ratio Lower Upper
 196 100
 198 93.6 75.7 113.5
 200 30.3 24.5 36.7

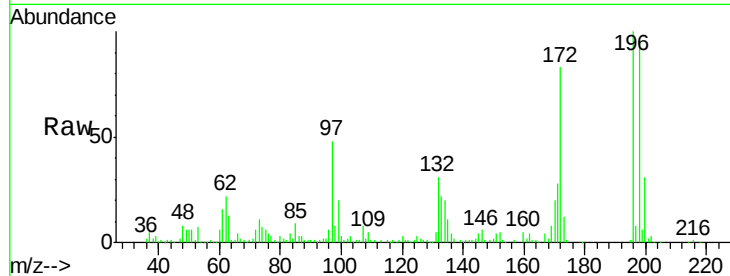




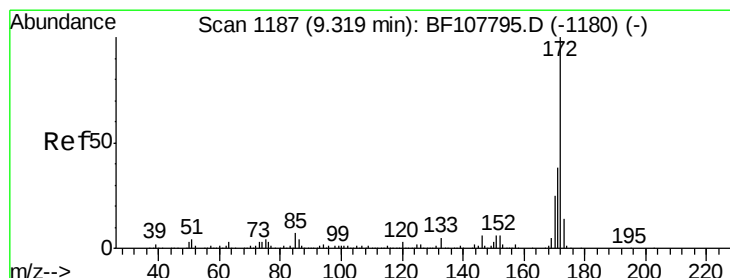
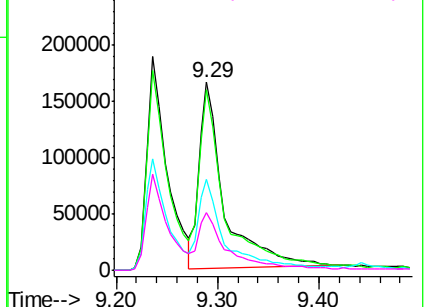
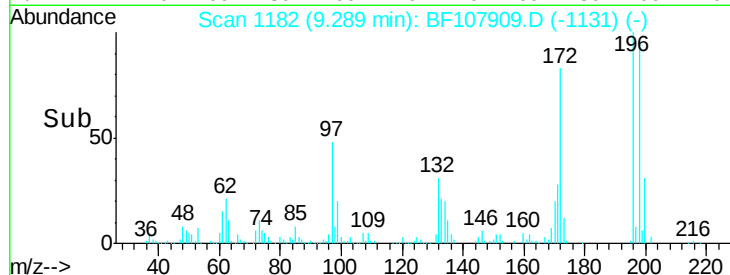
#43
 2,4,5-Trichlorophenol
 Concen: 42.979 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BF107909.D
 Acq: 2 Aug 2018 15:10

Instrument :
 BNA_F
 ClientSampleId :
 PB111688BS

Tgt Ion:196 Resp: 286708
 Ion Ratio Lower Upper
 196 100
 198 96.2 74.6 112.0
 97 48.0 42.9 64.3
 132 30.5 26.3 39.5

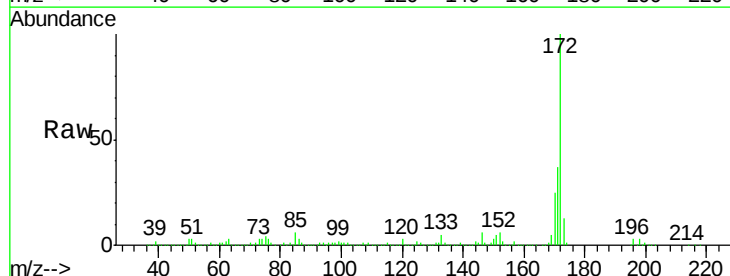


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

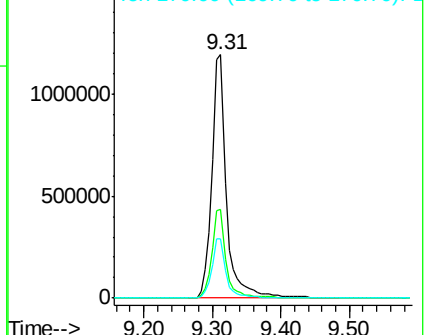
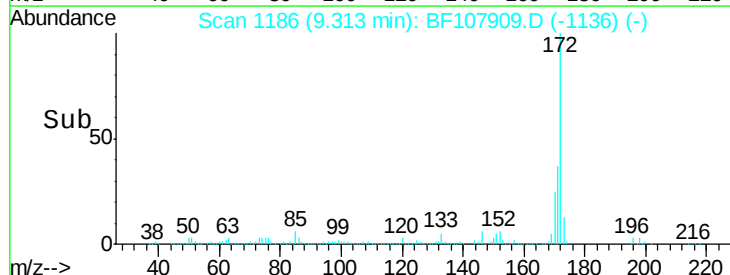


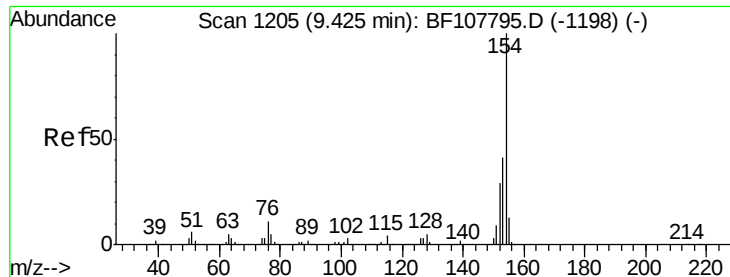
#44
 2-Fluorobiphenyl
 Concen: 83.553 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF107909.D
 Acq: 2 Aug 2018 15:10

Tgt Ion:172 Resp: 1762704
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 24.5 19.6 29.4



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

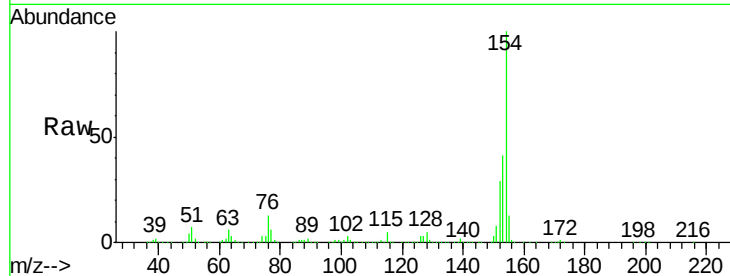




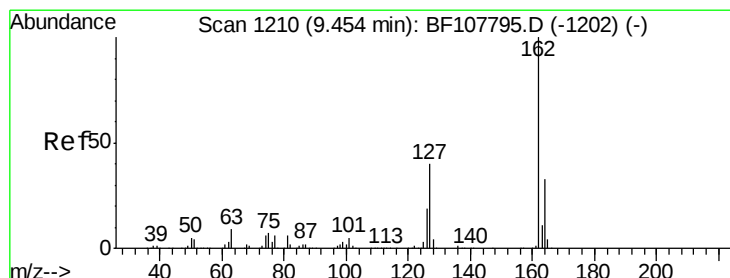
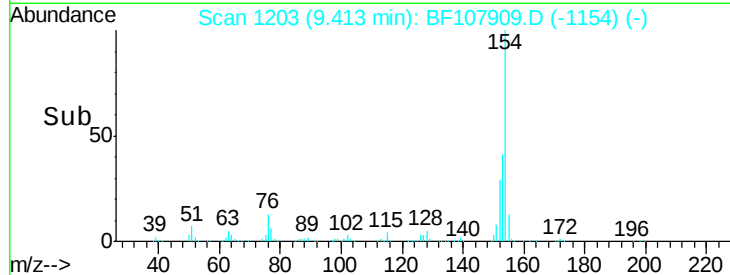
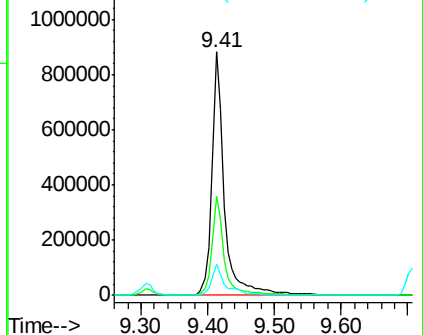
#45
 1,1'-Biphenyl
 Concen: 44.076 ng
 RT: 9.41 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF107909.D
 Acq: 2 Aug 2018 15:10

Instrument :
 BNA_F
 ClientSampleId :
 PB111688BS

Tgt Ion:154 Resp: 1179218
 Ion Ratio Lower Upper
 154 100
 153 40.9 21.3 61.3
 76 12.6 0.0 34.0

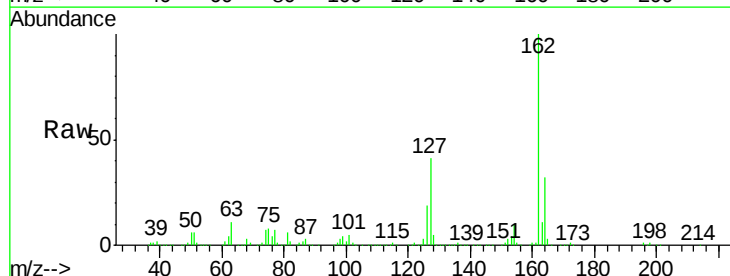


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

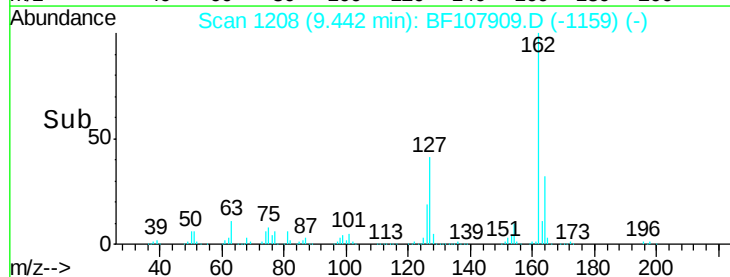
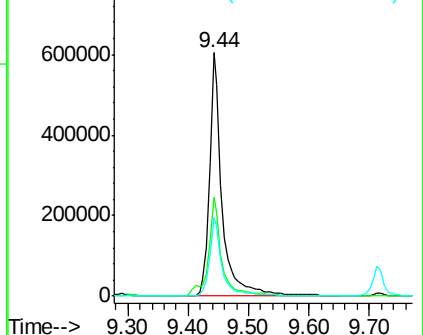


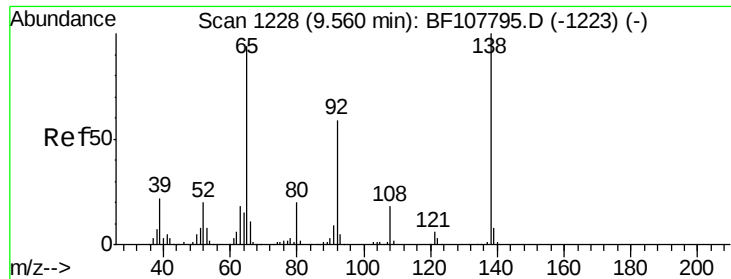
#46
 2-Chloronaphthalene
 Concen: 43.861 ng
 RT: 9.44 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF107909.D
 Acq: 2 Aug 2018 15:10

Tgt Ion:162 Resp: 884903
 Ion Ratio Lower Upper
 162 100
 127 40.9 33.9 50.9
 164 32.1 26.5 39.7



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

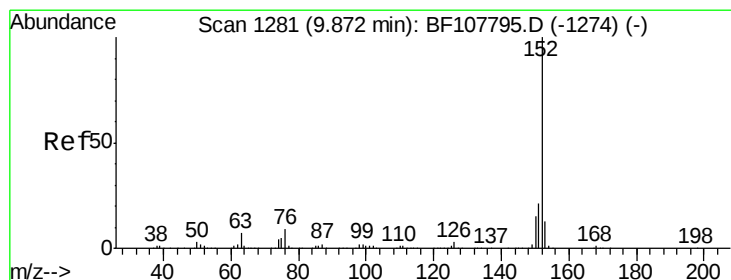
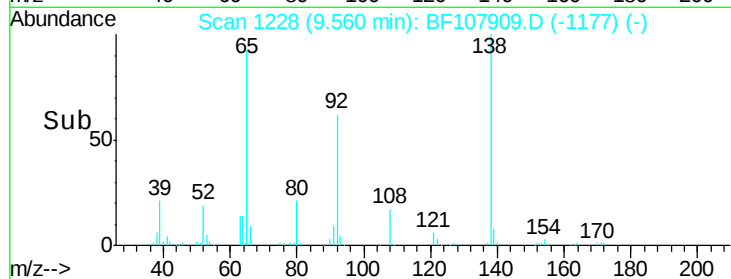
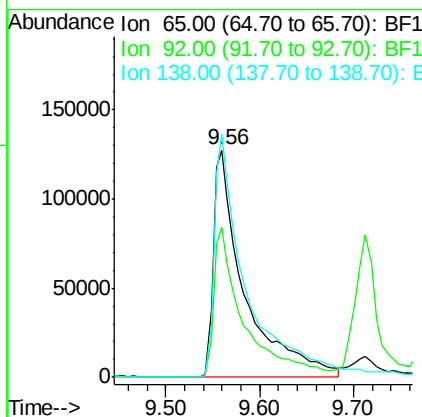
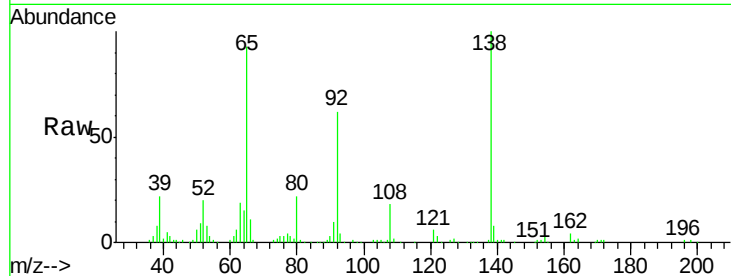




#47
2-Nitroaniline
Concen: 44.377 ng
RT: 9.56 min Scan# 1228
Delta R.T. -0.00 min
Lab File: BF107909.D
Acq: 2 Aug 2018 15:10

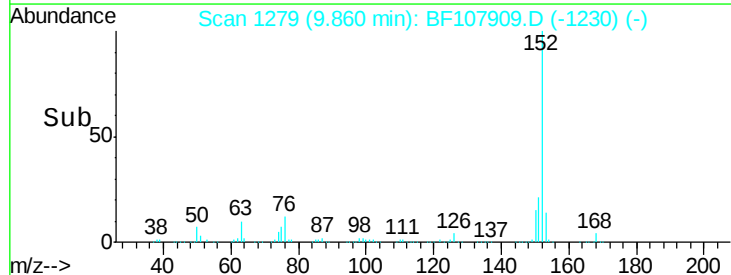
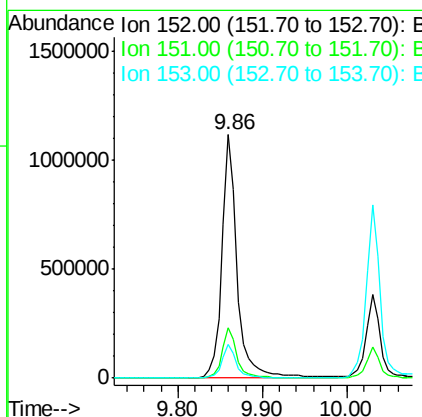
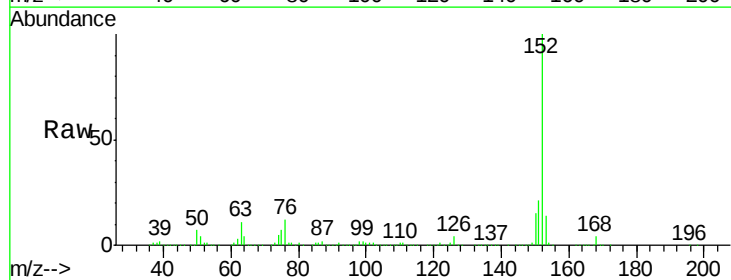
Instrument :
BNA_F
ClientSampleId :
PB111688BS

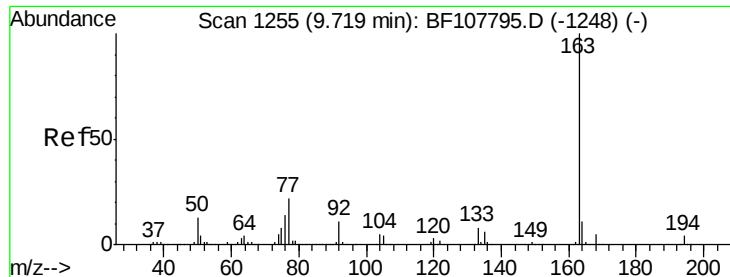
Tgt Ion: 65 Resp: 291223
Ion Ratio Lower Upper
65 100
92 66.2 55.8 83.6
138 107.2 91.2 136.8



#48
Acenaphthylene
Concen: 44.871 ng
RT: 9.86 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF107909.D
Acq: 2 Aug 2018 15:10

Tgt Ion: 152 Resp: 1403464
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 13.9 10.7 16.1

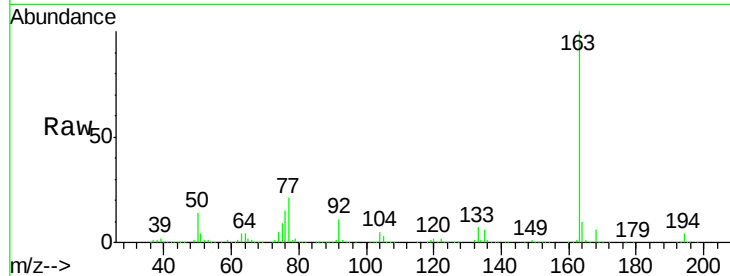




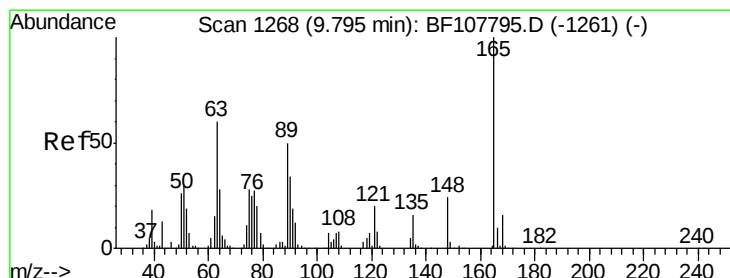
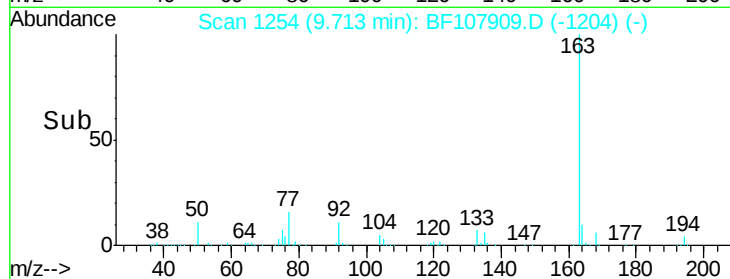
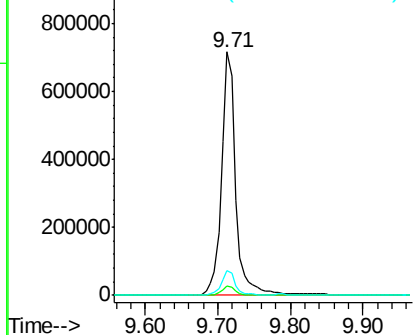
#49
Dimethylphthalate
Concen: 44.496 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF107909.D
Acq: 2 Aug 2018 15:10

Instrument :
BNA_F
ClientSampleId :
PB111688BS

Tgt Ion:163 Resp: 982384
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.2 8.2 12.2

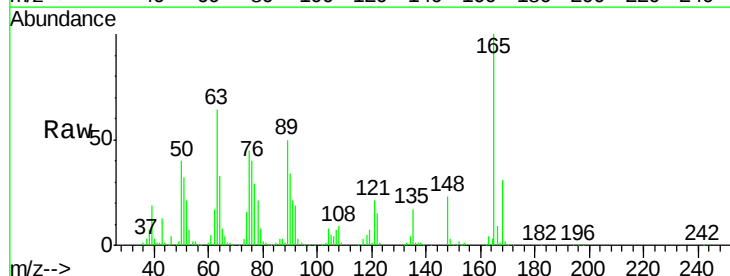


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

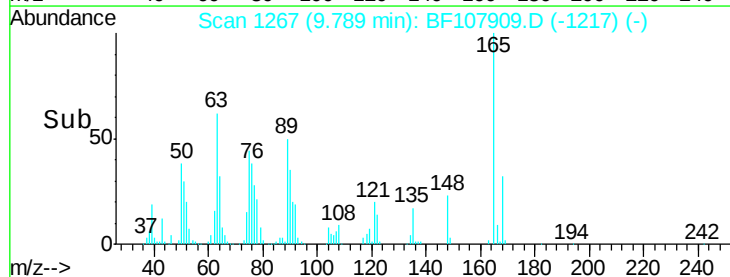
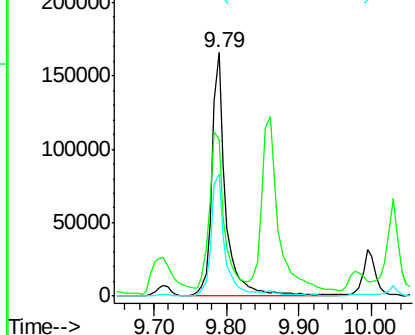


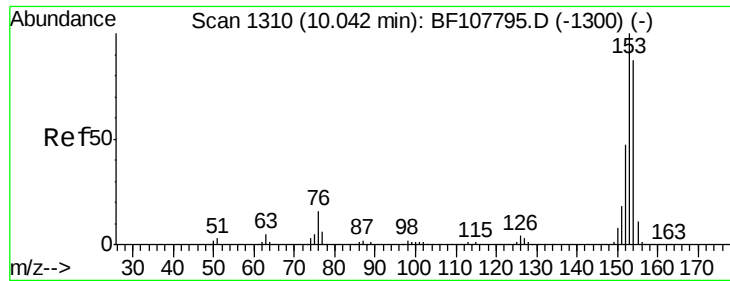
#50
2,6-Dinitrotoluene
Concen: 45.232 ng
RT: 9.79 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF107909.D
Acq: 2 Aug 2018 15:10

Tgt Ion:165 Resp: 217023
Ion Ratio Lower Upper
165 100
63 64.3 44.7 67.1
89 50.0 44.0 66.0



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





#51

Acenaphthene

Concen: 42.452 ng

RT: 10.03 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF107909.D

Acq: 2 Aug 2018 15:10

Instrument :

BNA_F

ClientSampleId :

PB111688BS

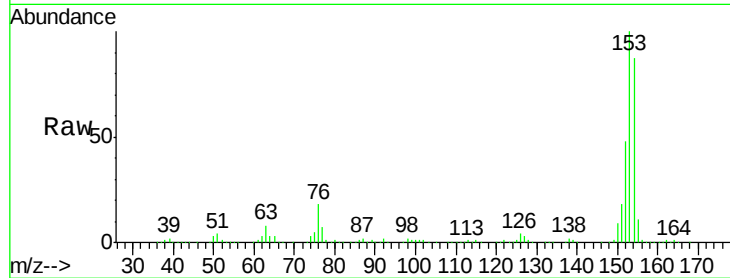
Tgt Ion:154 Resp: 771305

Ion Ratio Lower Upper

154 100

153 115.3 91.2 136.8

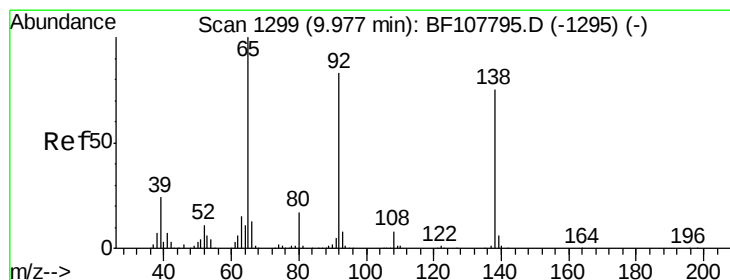
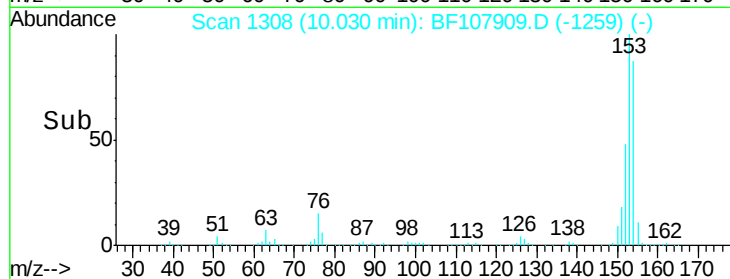
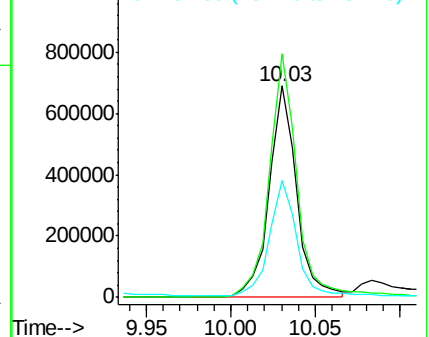
152 55.4 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 30.686 ng

RT: 9.98 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BF107909.D

Acq: 2 Aug 2018 15:10

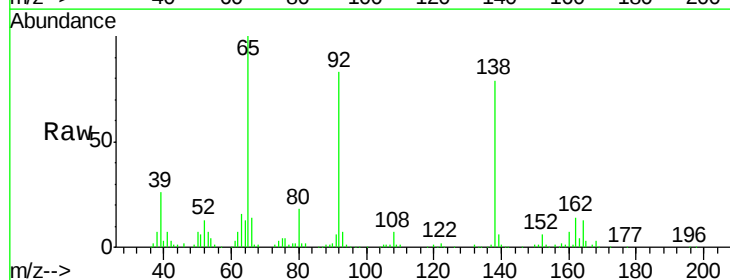
Tgt Ion:138 Resp: 185529

Ion Ratio Lower Upper

138 100

108 9.5 9.4 14.0

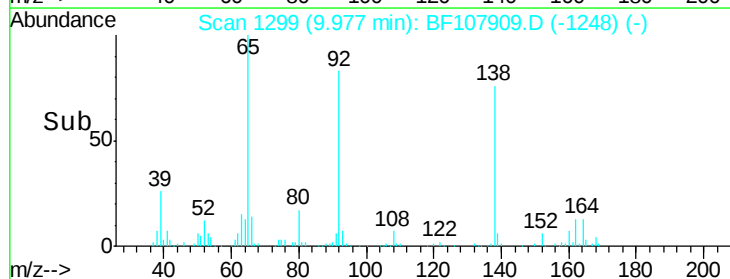
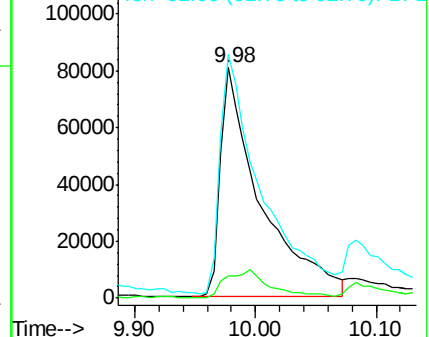
92 105.5 89.4 134.2

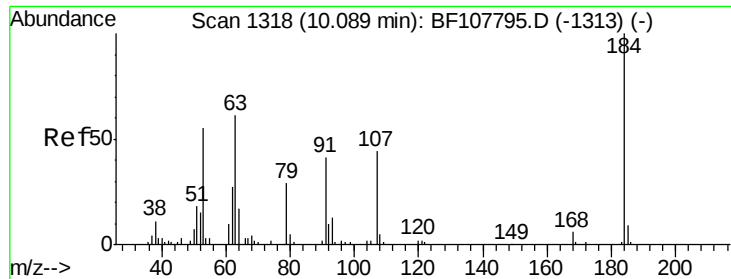


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

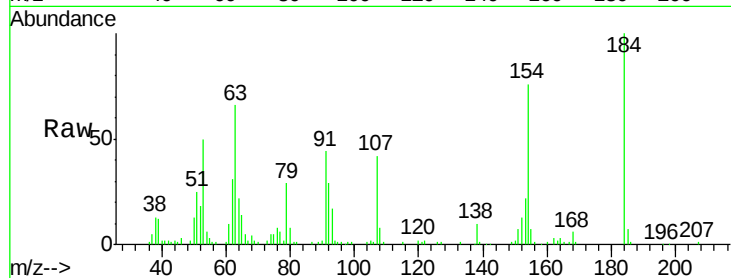




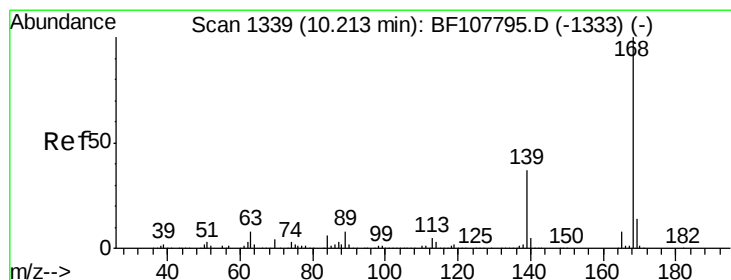
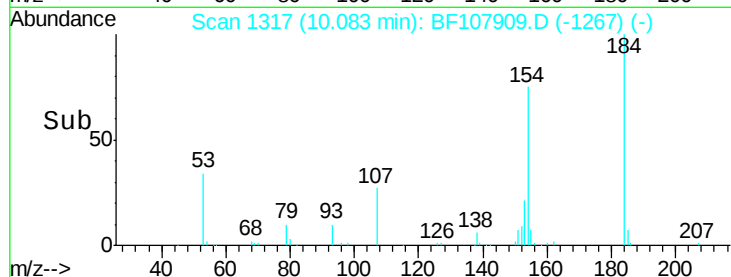
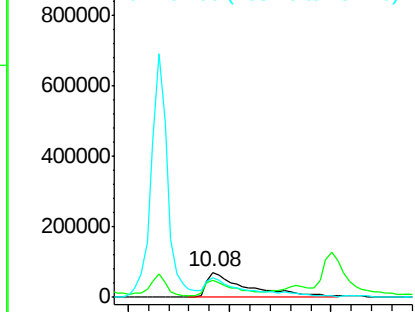
#53
2,4-Dinitrophenol
Concen: 79.393 ng
RT: 10.08 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF107909.D
Acq: 2 Aug 2018 15:10

Instrument :
BNA_F
ClientSampleId :
PB111688BS

Tgt Ion:184 Resp: 200583
Ion Ratio Lower Upper
184 100
63 65.7 54.2 81.2
154 76.1 184.0 276.0#

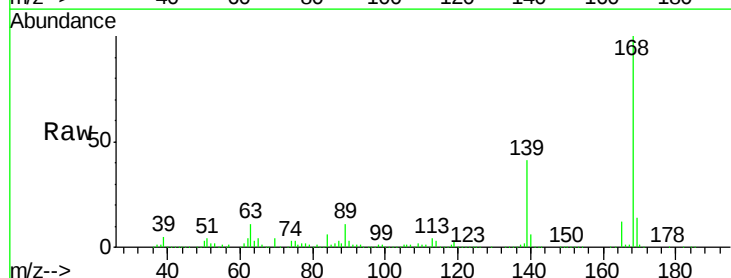


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

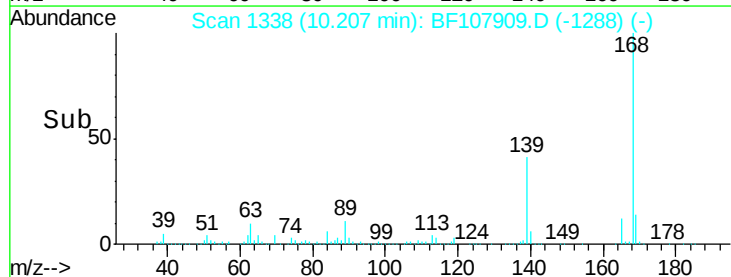
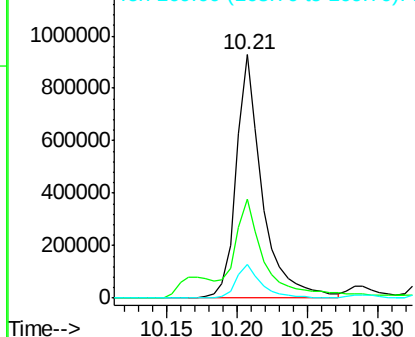


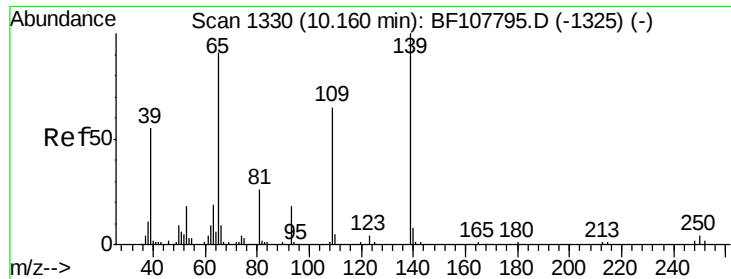
#54
Dibenzofuran
Concen: 42.195 ng
RT: 10.21 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF107909.D
Acq: 2 Aug 2018 15:10

Tgt Ion:168 Resp: 1184942
Ion Ratio Lower Upper
168 100
139 40.7 30.1 45.1
169 14.0 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

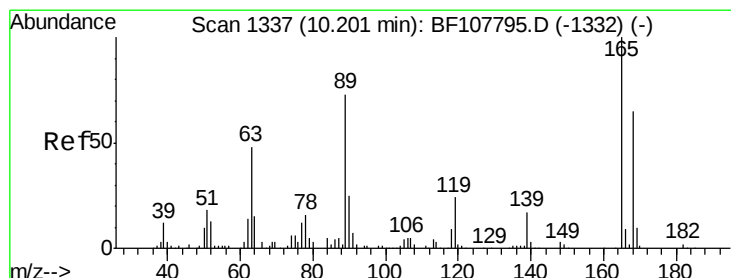
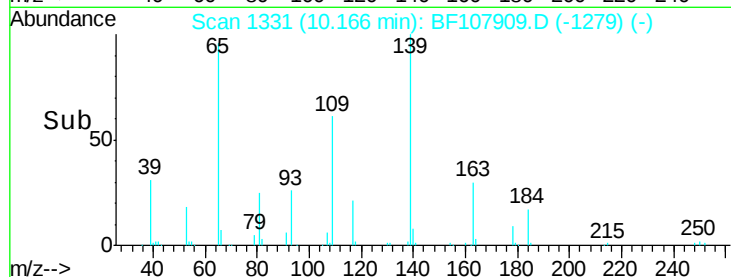
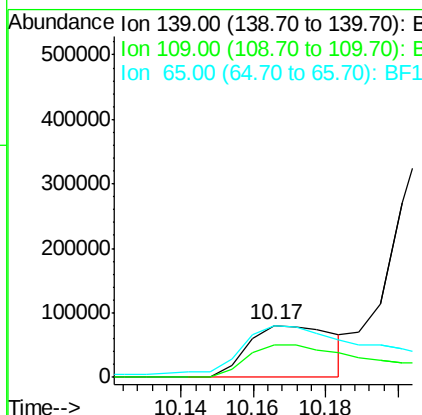
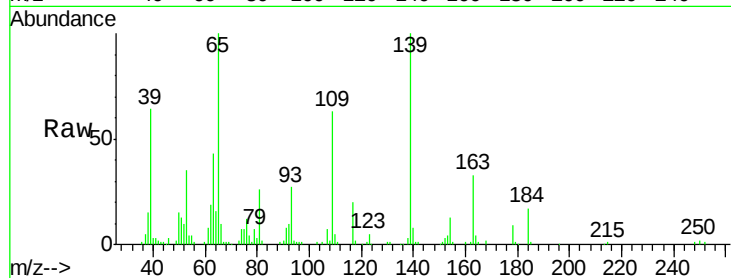




#55
4-Nitrophenol
Concen: 50.745 ng
RT: 10.17 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF107909.D
Acq: 2 Aug 2018 15:10

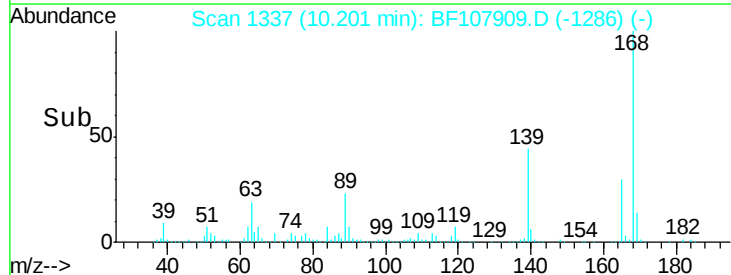
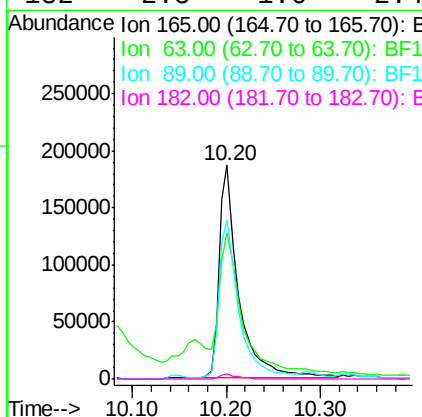
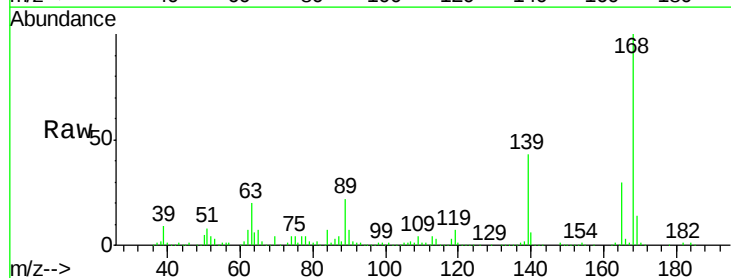
Instrument :
BNA_F
ClientSampleId :
PB111688BS

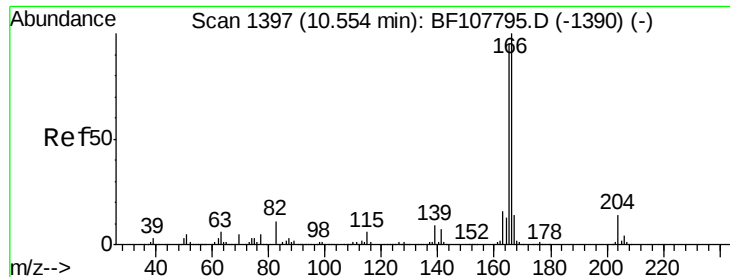
Tgt Ion:139 Resp: 133428
Ion Ratio Lower Upper
139 100
109 63.3 48.4 88.4
65 100.0 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 43.135 ng
RT: 10.20 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BF107909.D
Acq: 2 Aug 2018 15:10

Tgt Ion:165 Resp: 272023
Ion Ratio Lower Upper
165 100
63 68.1 36.4 54.6#
89 74.6 57.8 86.6
182 2.5 1.6 2.4#





#57

Fluorene

Concen: 44.161 ng

RT: 10.55 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BF107909.D

Acq: 2 Aug 2018 15:10

Instrument :

BNA_F

ClientSampleId :

PB111688BS

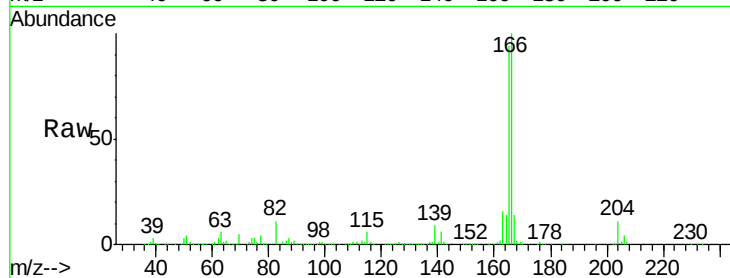
Tgt Ion:166 Resp: 963811

Ion Ratio Lower Upper

166 100

165 94.3 79.8 119.8

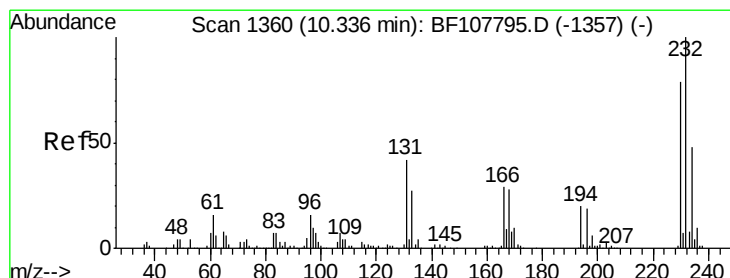
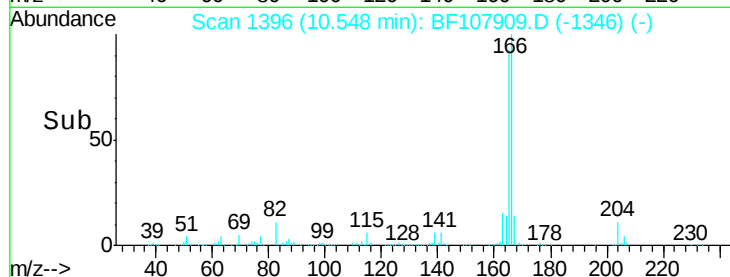
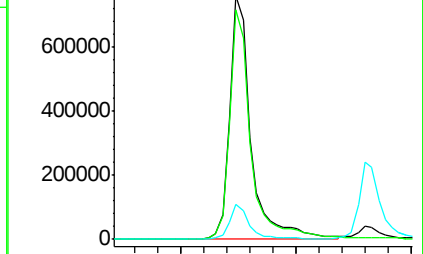
167 14.3 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 48.198 ng

RT: 10.33 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF107909.D

Acq: 2 Aug 2018 15:10

Tgt Ion:232 Resp: 295319

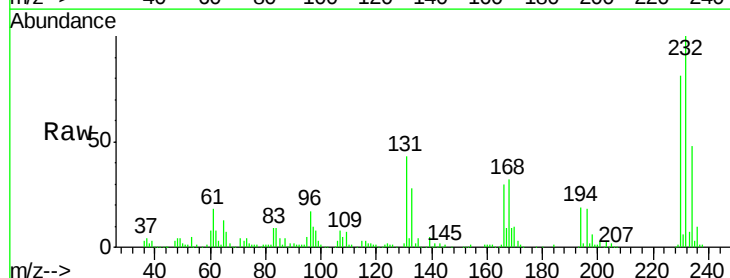
Ion Ratio Lower Upper

232 100

131 35.4 43.8 65.8#

130 1.9 2.1 3.1#

166 28.6 27.8 41.6

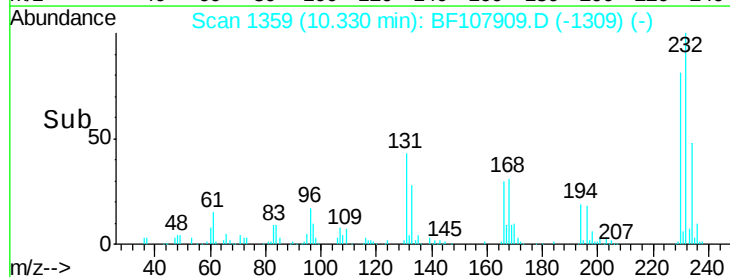
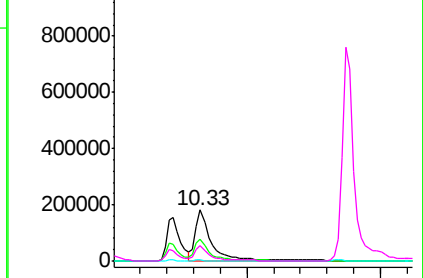


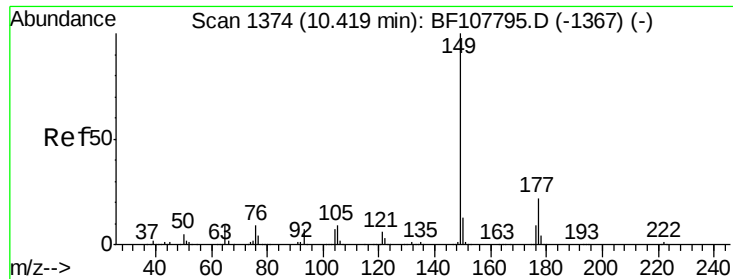
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

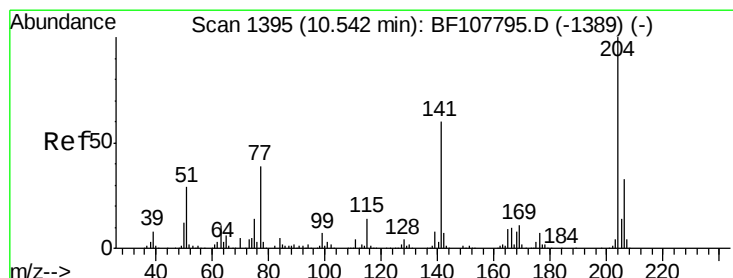
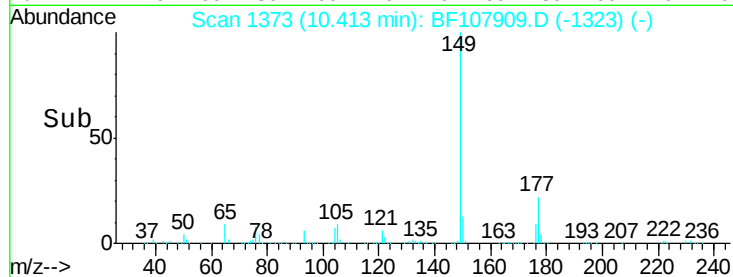
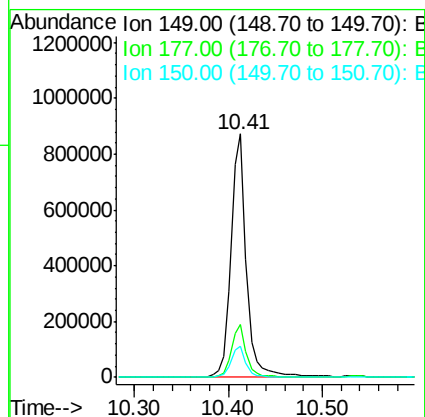
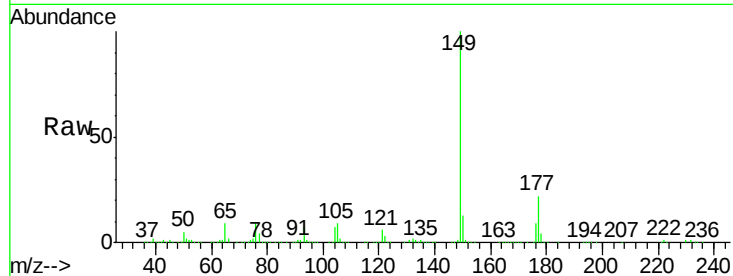




#59
Diethylphthalate
Concen: 42.005 ng
RT: 10.41 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF107909.D
Acq: 2 Aug 2018 15:10

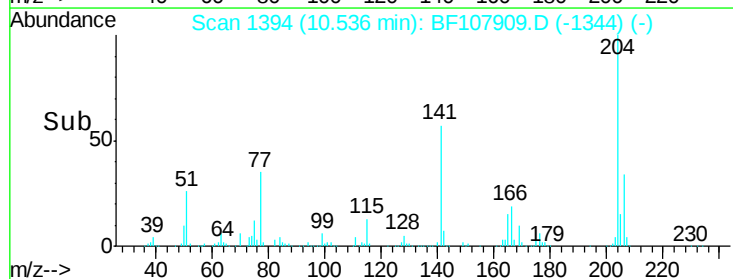
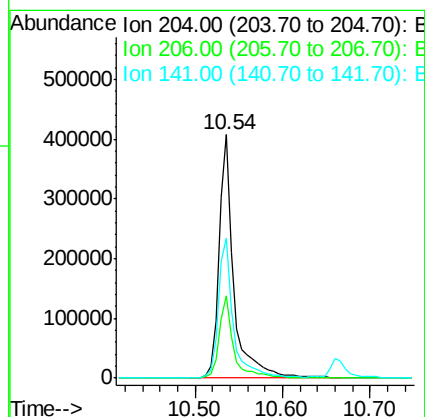
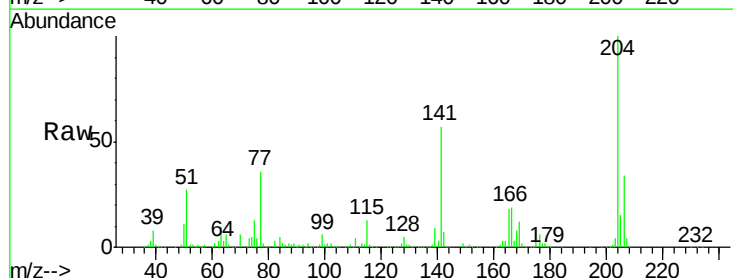
Instrument :
BNA_F
ClientSampleId :
PB111688BS

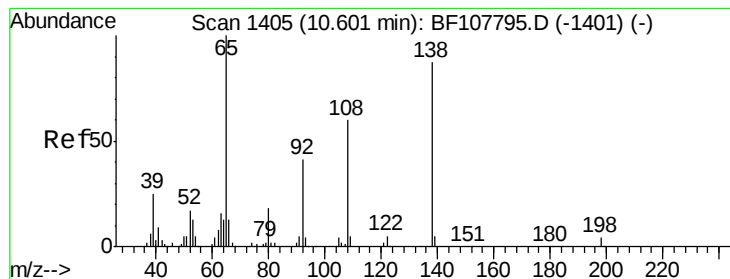
Tgt Ion:149 Resp: 997107
Ion Ratio Lower Upper
149 100
177 22.0 16.1 24.1
150 13.0 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 40.212 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF107909.D
Acq: 2 Aug 2018 15:10

Tgt Ion:204 Resp: 478089
Ion Ratio Lower Upper
204 100
206 33.7 26.5 39.7
141 57.4 54.6 81.8





#61

4-Nitroaniline

Concen: 43.080 ng

RT: 10.61 min Scan# 1406

Delta R.T. 0.01 min

Lab File: BF107909.D

Acq: 2 Aug 2018 15:10

Instrument :

BNA_F

ClientSampleId :

PB111688BS

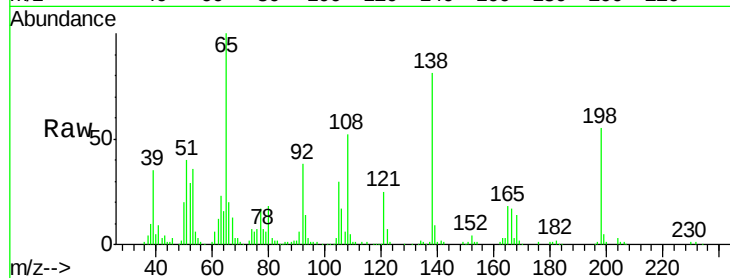
Tgt Ion:138 Resp: 231144

Ion Ratio Lower Upper

138 100

92 46.9 30.2 70.2

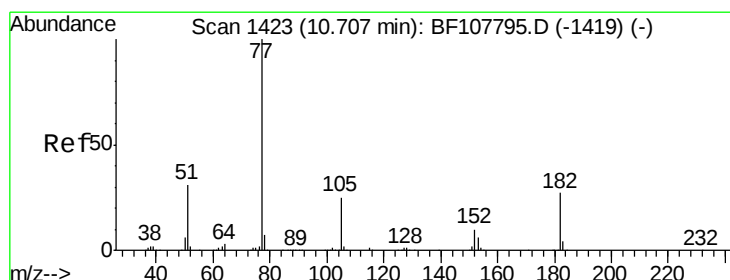
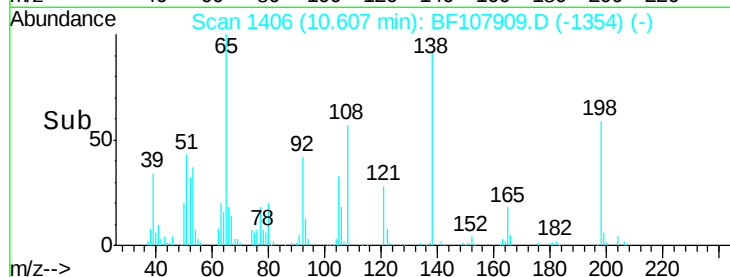
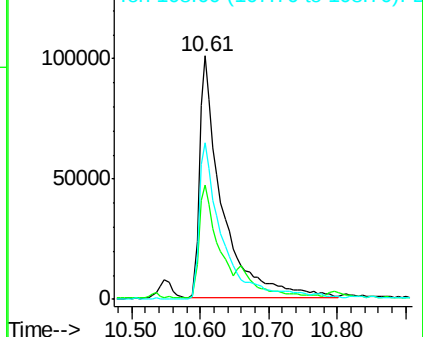
108 64.1 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 42.789 ng

RT: 10.70 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF107909.D

Acq: 2 Aug 2018 15:10

Tgt Ion: 77 Resp: 945990

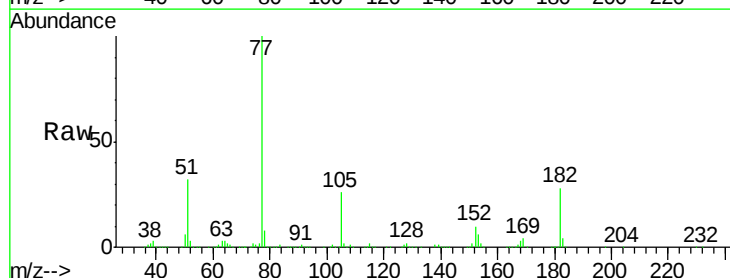
Ion Ratio Lower Upper

77 100

182 28.5 1.7 41.7

105 25.8 3.0 43.0

51 31.7 9.9 49.9

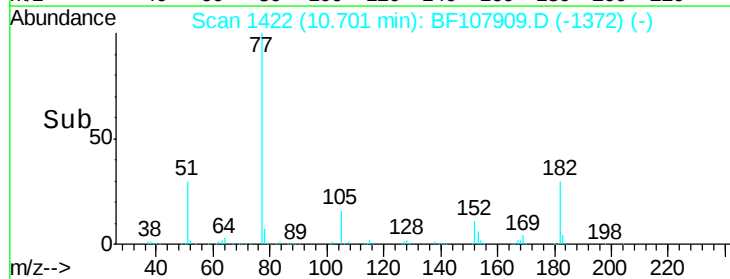
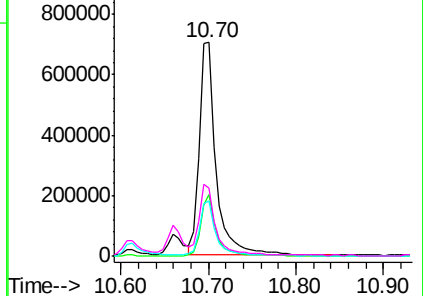


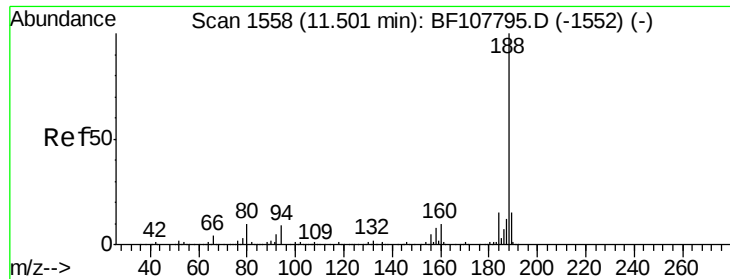
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF107909.D

Acq: 2 Aug 2018 15:10

Instrument :

BNA_F

ClientSampleId :

PB111688BS

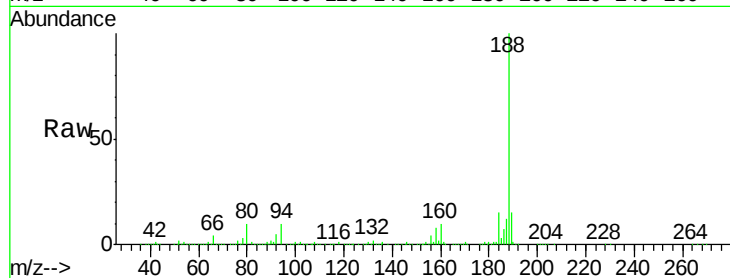
Tgt Ion:188 Resp: 604286

Ion Ratio Lower Upper

188 100

94 9.5 8.5 12.7

80 10.0 9.2 13.8



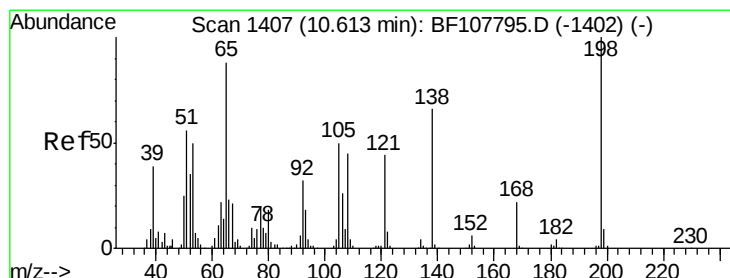
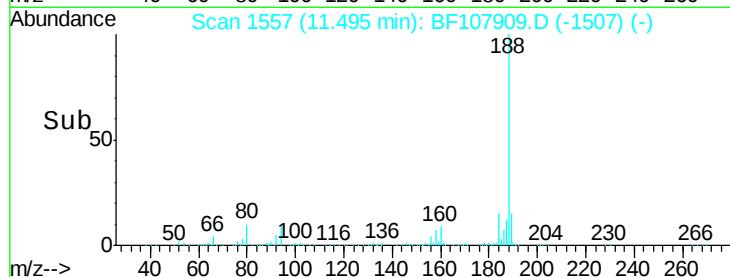
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

11.49

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 41.618 ng

RT: 10.61 min Scan# 1407

Delta R.T. -0.00 min

Lab File: BF107909.D

Acq: 2 Aug 2018 15:10

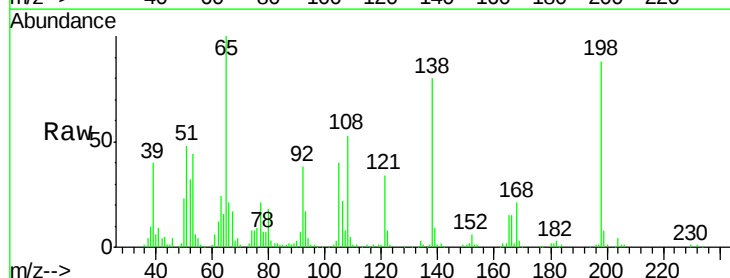
Tgt Ion:198 Resp: 136817

Ion Ratio Lower Upper

198 100

51 54.1 37.7 77.7

105 45.4 36.3 76.3



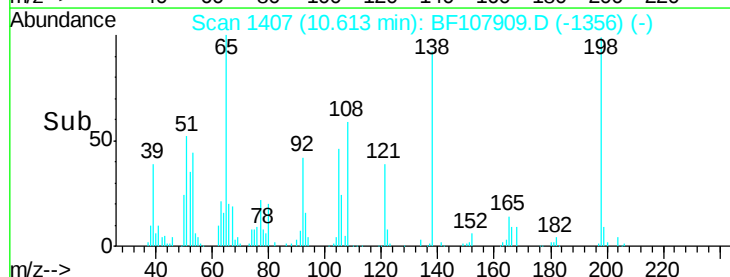
Abundance Ion 198.00 (197.70 to 198.70): E

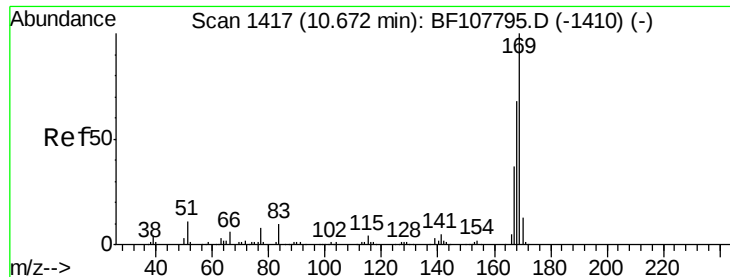
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

10.61

Time-->

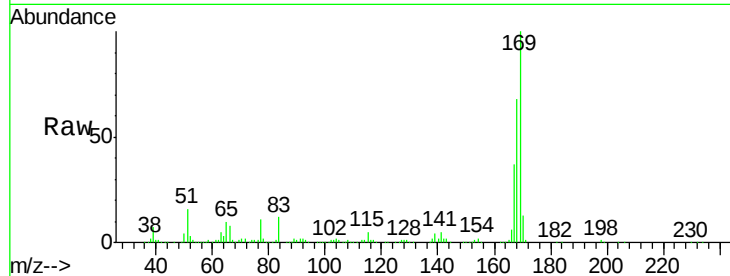




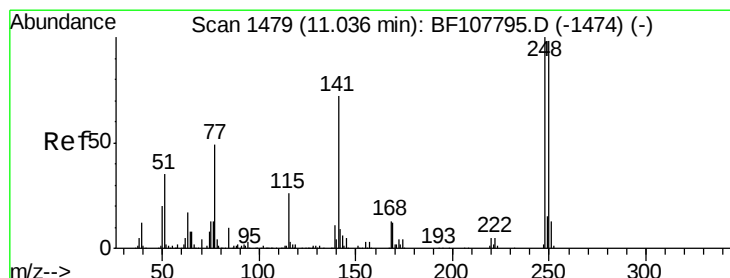
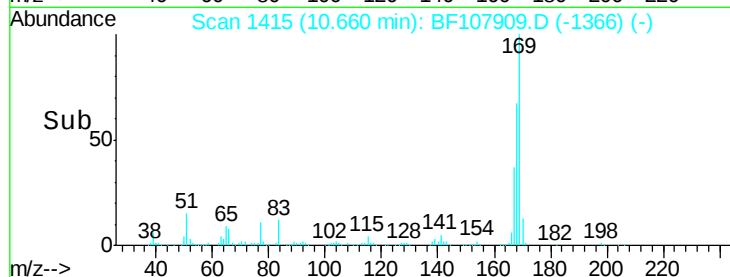
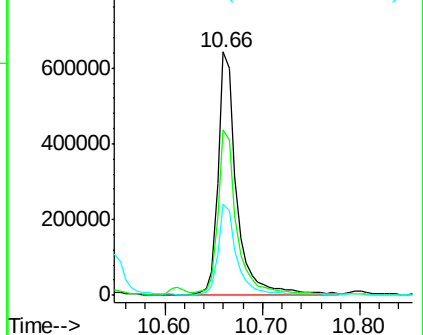
#65
n-Nitrosodiphenylamine
Concen: 42.575 ng
RT: 10.66 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF107909.D
Acq: 2 Aug 2018 15:10

Instrument :
BNA_F
ClientSampleId :
PB111688BS

Tgt Ion:169 Resp: 847135
Ion Ratio Lower Upper
169 100
168 68.0 54.4 81.6
167 37.3 29.8 44.6

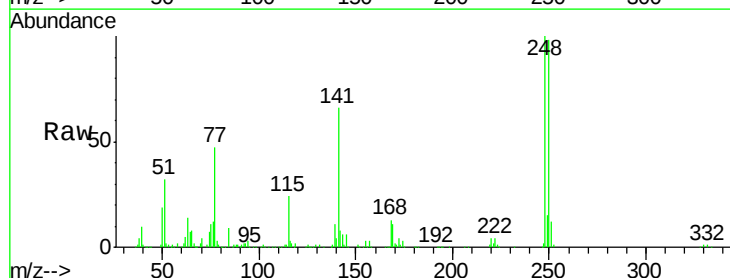


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

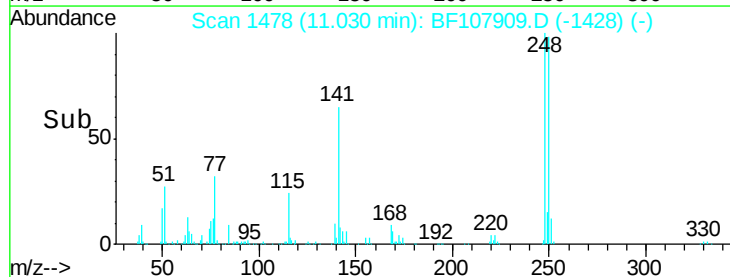
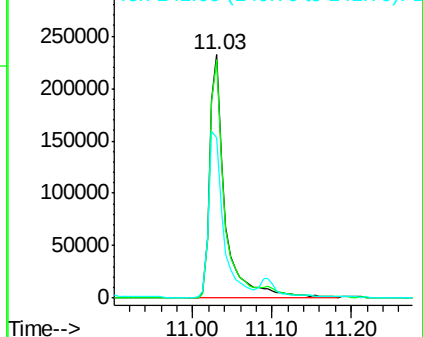


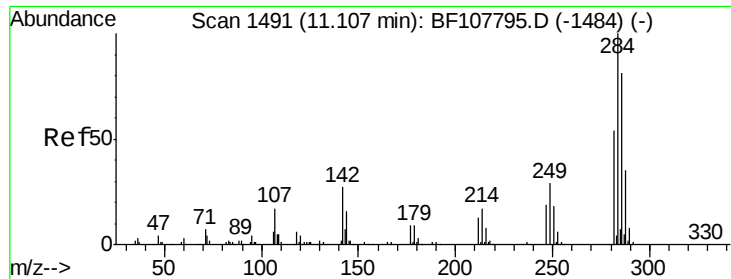
#66
4-Bromophenyl-phenylether
Concen: 44.244 ng
RT: 11.03 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF107909.D
Acq: 2 Aug 2018 15:10

Tgt Ion:248 Resp: 311620
Ion Ratio Lower Upper
248 100
250 97.9 76.9 115.3
141 65.9 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

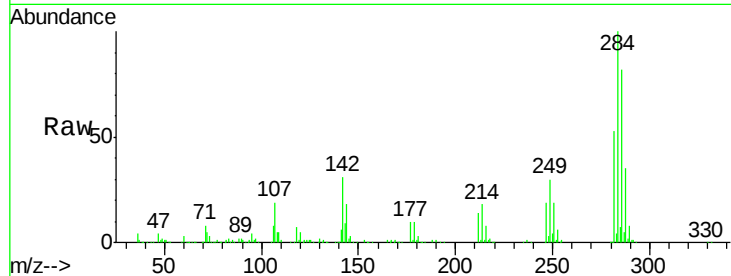




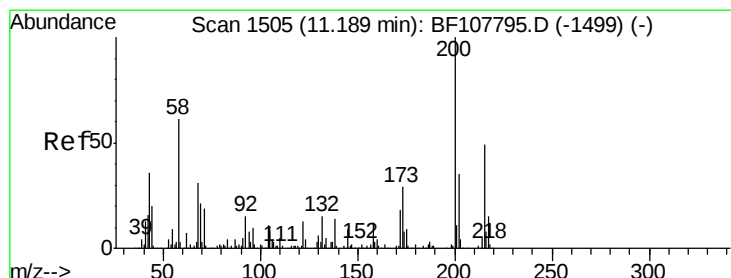
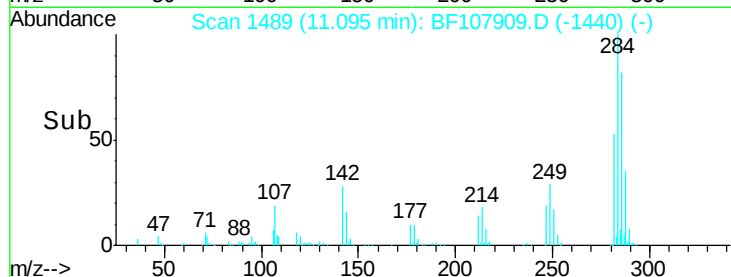
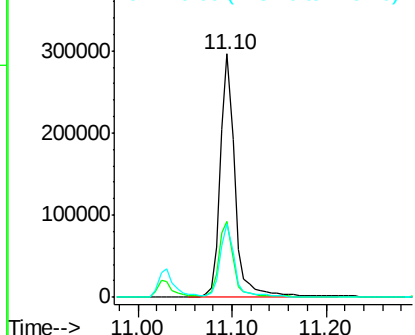
#67
Hexachlorobenzene
Concen: 41.900 ng
RT: 11.10 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BF107909.D
Acq: 2 Aug 2018 15:10

Instrument :
BNA_F
ClientSampleId :
PB111688BS

Tgt Ion: 284 Resp: 327252
Ion Ratio Lower Upper
284 100
142 30.9 34.6 52.0#
249 29.9 24.8 37.2

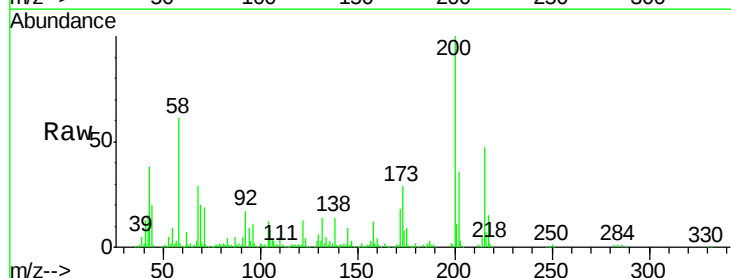


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

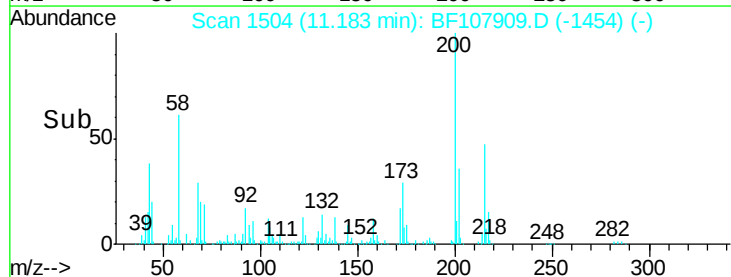
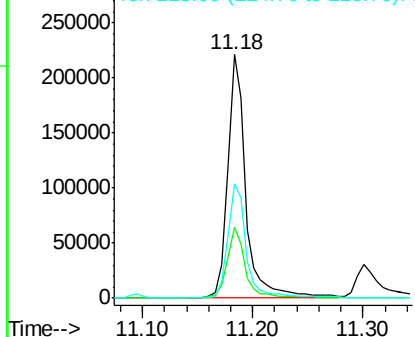


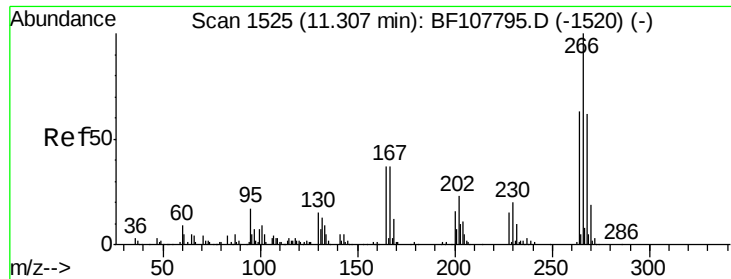
#68
Atrazine
Concen: 43.408 ng
RT: 11.18 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BF107909.D
Acq: 2 Aug 2018 15:10

Tgt Ion: 200 Resp: 255628
Ion Ratio Lower Upper
200 100
173 28.9 8.6 48.6
215 47.0 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

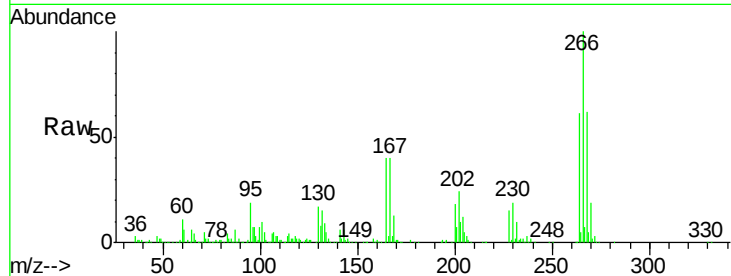




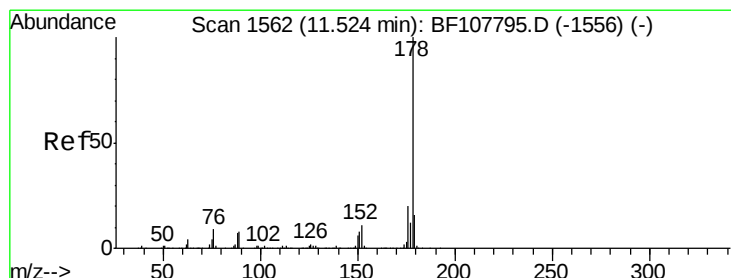
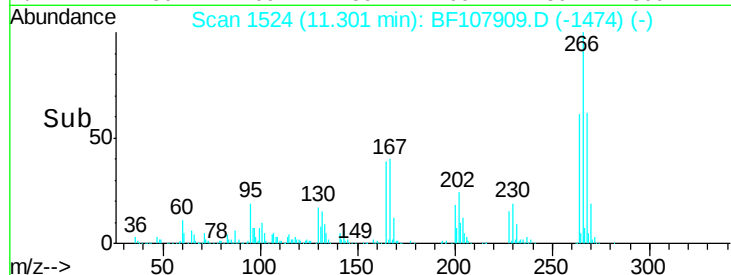
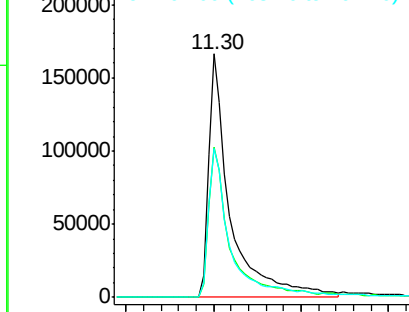
#69
 Pentachlorophenol
 Concen: 74.267 ng
 RT: 11.30 min Scan# 1524
 Delta R.T. -0.01 min
 Lab File: BF107909.D
 Acq: 2 Aug 2018 15:10

Instrument :
 BNA_F
 ClientSampleId :
 PB111688BS

Tgt Ion: 266 Resp: 285542
 Ion Ratio Lower Upper
 266 100
 268 61.6 51.1 76.7
 264 61.4 49.5 74.3

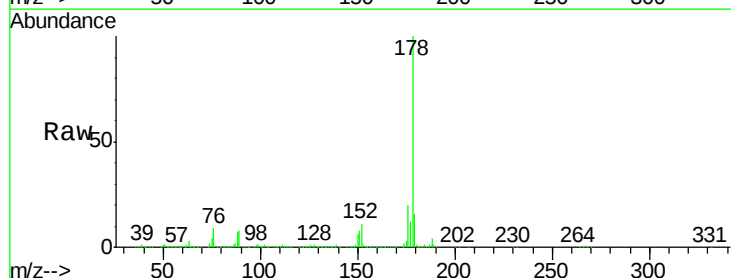


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

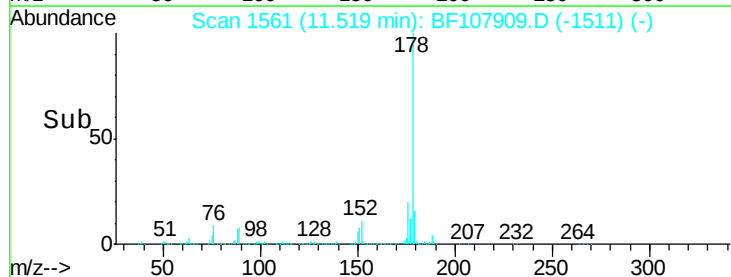
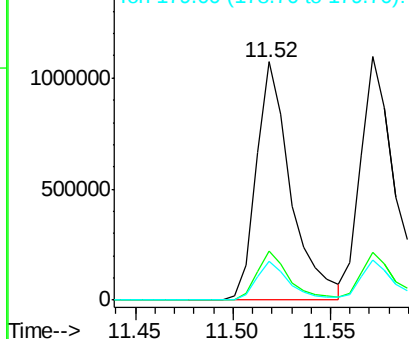


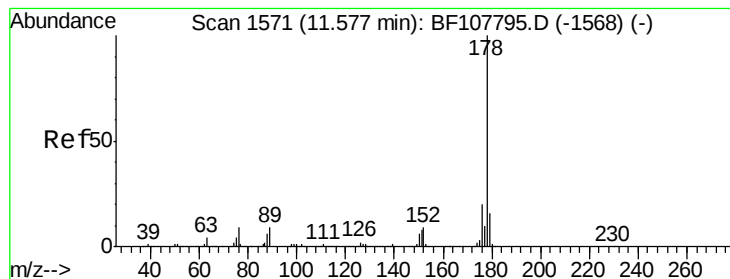
#70
 Phenanthrene
 Concen: 45.804 ng
 RT: 11.52 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BF107909.D
 Acq: 2 Aug 2018 15:10

Tgt Ion: 178 Resp: 1314280
 Ion Ratio Lower Upper
 178 100
 176 20.4 15.8 23.8
 179 16.1 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: 47.744 ng

RT: 11.57 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BF107909.D

Acq: 2 Aug 2018 15:10

Instrument :

BNA_F

ClientSampleId :

PB111688BS

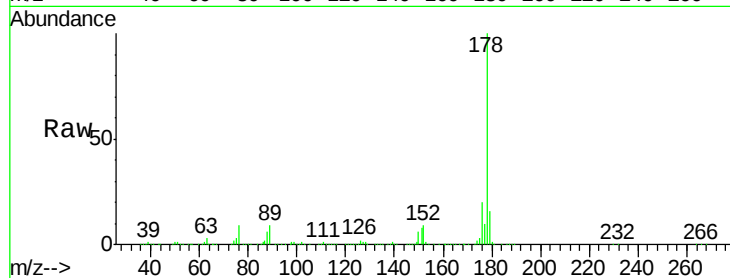
Tgt Ion:178 Resp: 1580130

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

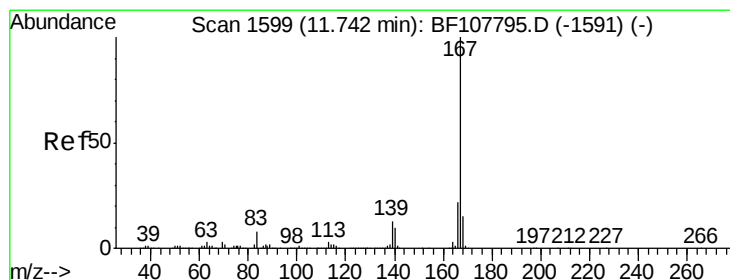
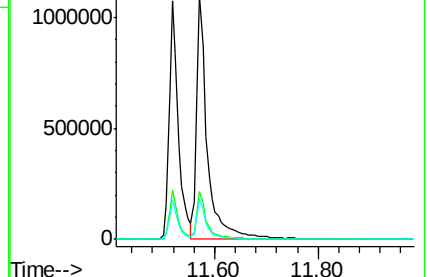
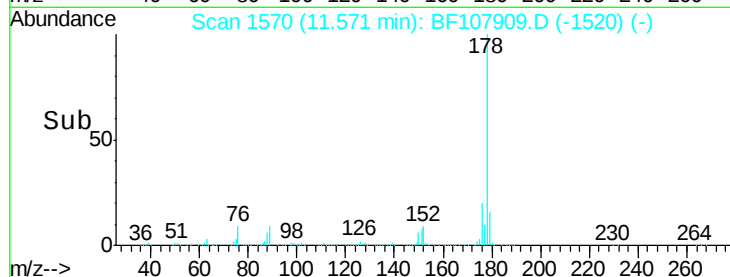
179 16.4 12.6 19.0



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



#72

Carbazole

Concen: 44.060 ng

RT: 11.74 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF107909.D

Acq: 2 Aug 2018 15:10

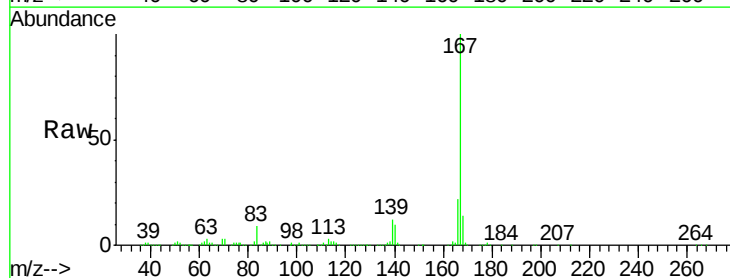
Tgt Ion:167 Resp: 1441031

Ion Ratio Lower Upper

167 100

166 21.5 17.6 26.4

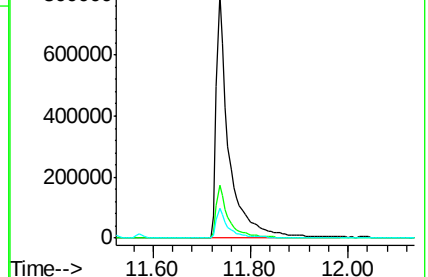
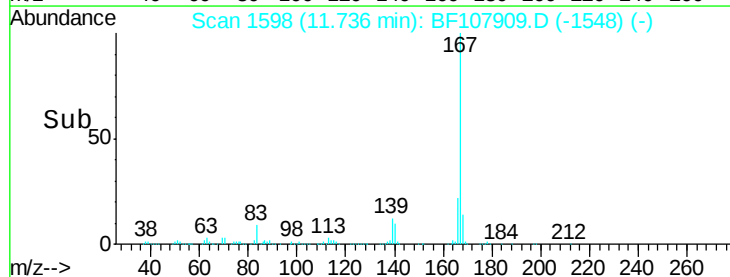
139 12.3 10.9 16.3

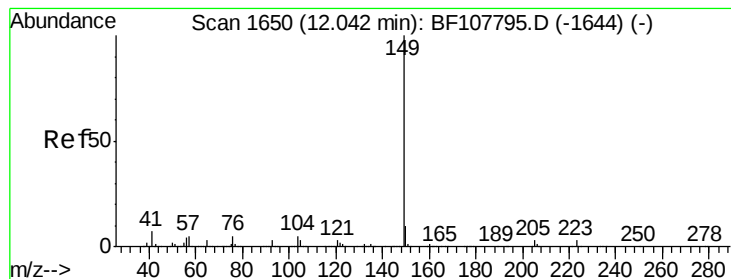


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.755 ng

RT: 12.04 min Scan# 1649

Delta R.T. -0.01 min

Lab File: BF107909.D

Acq: 2 Aug 2018 15:10

Instrument :

BNA_F

ClientSampleId :

PB111688BS

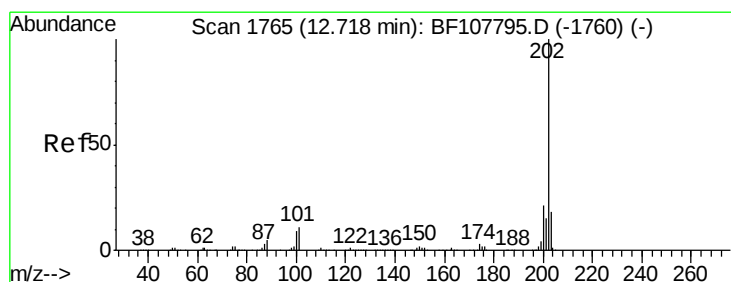
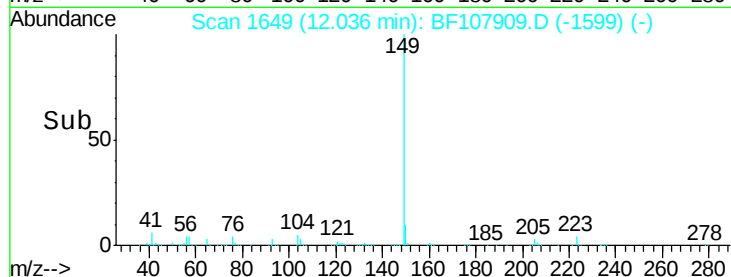
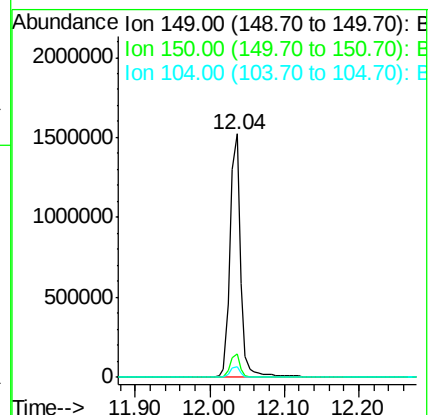
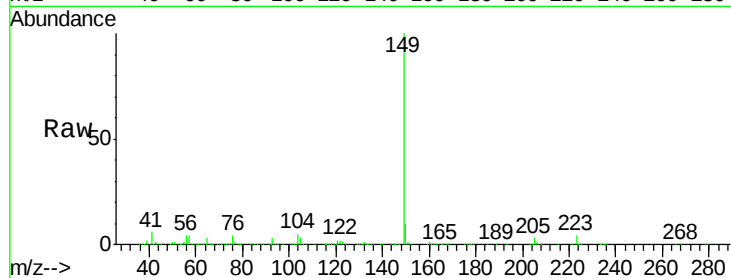
Tgt Ion:149 Resp: 1525526

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.6

104 4.6 3.8 5.8



#74

Fluoranthene

Concen: 45.910 ng

RT: 12.71 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BF107909.D

Acq: 2 Aug 2018 15:10

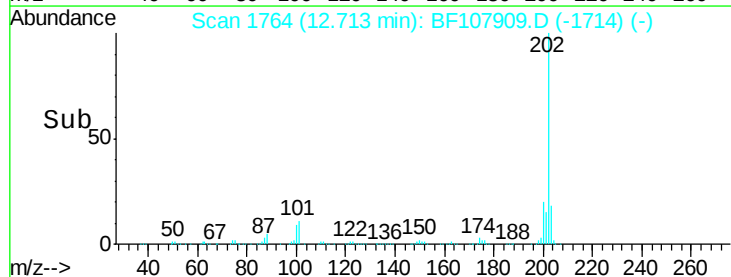
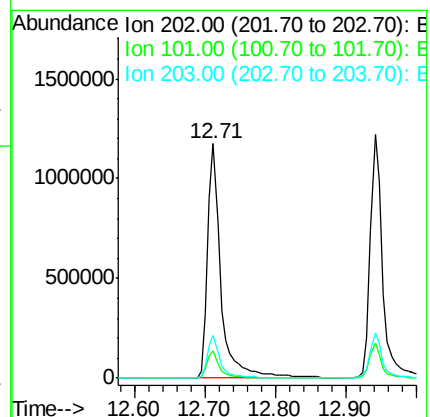
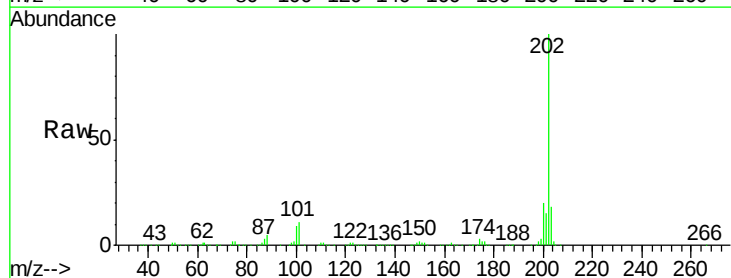
Tgt Ion:202 Resp: 1547595

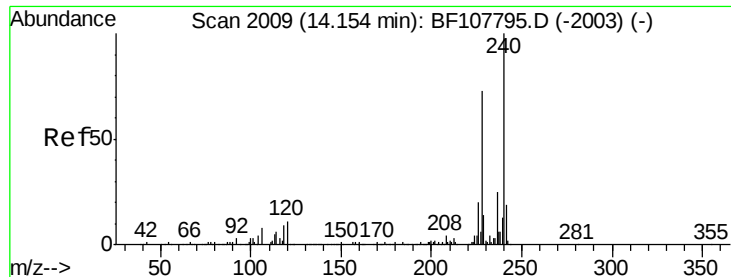
Ion Ratio Lower Upper

202 100

101 11.5 0.0 34.1

203 18.0 0.0 38.1

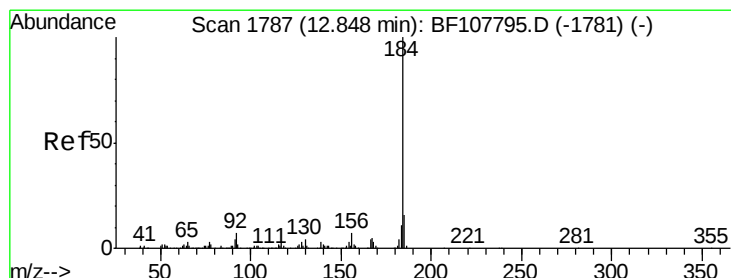
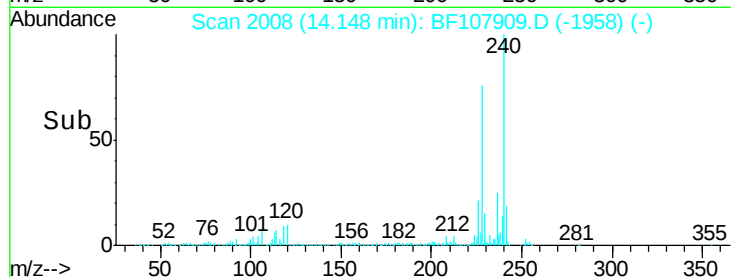
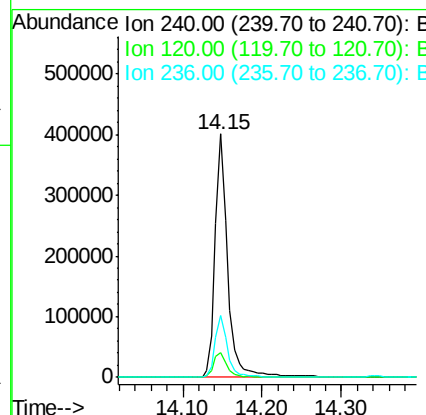
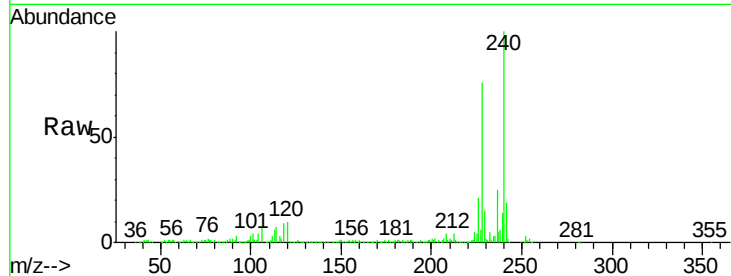




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF107909.D
Acq: 2 Aug 2018 15:10

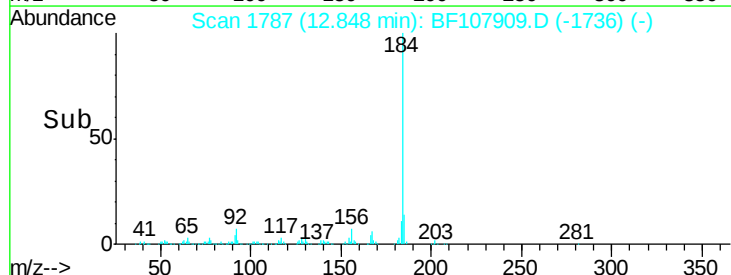
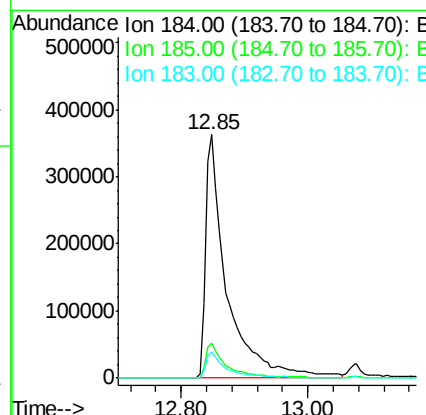
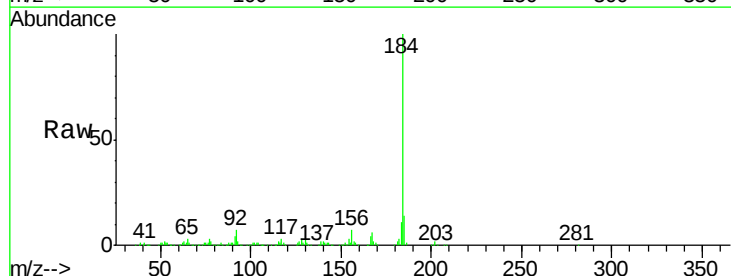
Instrument :
BNA_F
ClientSampleId :
PB111688BS

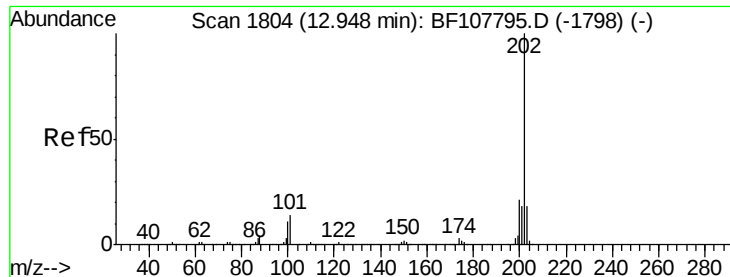
Tgt Ion:240 Resp: 445137
Ion Ratio Lower Upper
240 100
120 10.4 9.5 14.3
236 25.5 20.7 31.1



#76
Benzidine
Concen: 58.477 ng
RT: 12.85 min Scan# 1787
Delta R.T. -0.00 min
Lab File: BF107909.D
Acq: 2 Aug 2018 15:10

Tgt Ion:184 Resp: 841627
Ion Ratio Lower Upper
184 100
185 14.3 12.6 18.8
183 10.8 9.3 13.9





#77

Pyrene

Concen: 47.120 ng

RT: 12.94 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF107909.D

Acq: 2 Aug 2018 15:10

Instrument :

BNA_F

ClientSampleId :

PB111688BS

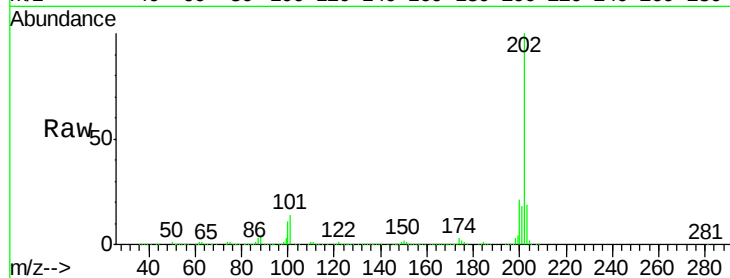
Tgt Ion:202 Resp: 1510370

Ion Ratio Lower Upper

202 100

200 20.8 17.4 26.2

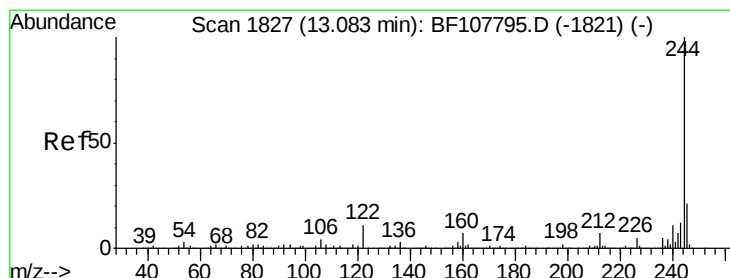
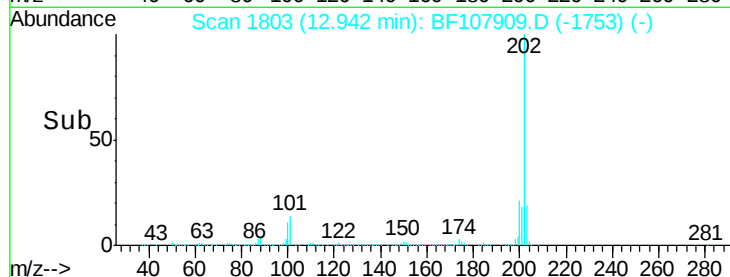
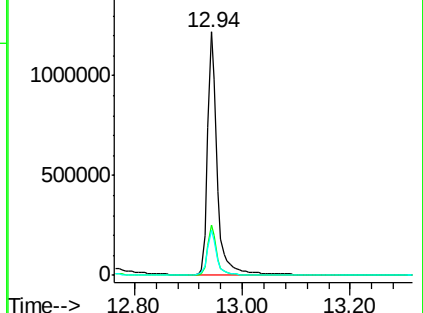
203 18.5 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 93.579 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF107909.D

Acq: 2 Aug 2018 15:10

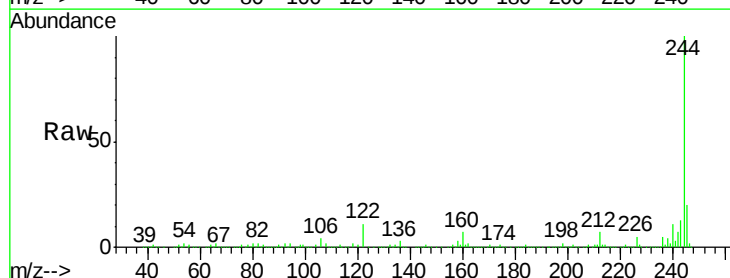
Tgt Ion:244 Resp: 1920999

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

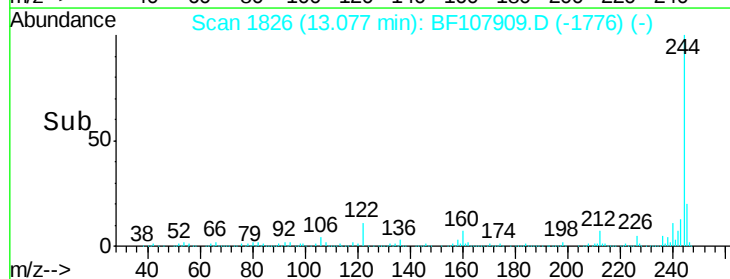
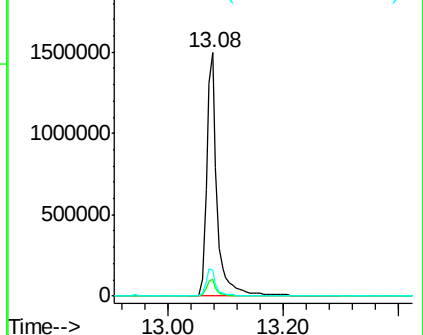
122 10.7 11.0 16.4#

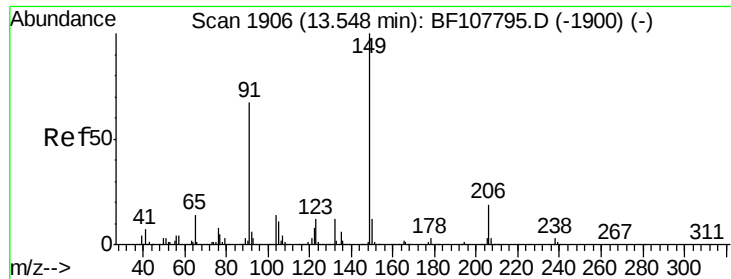


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

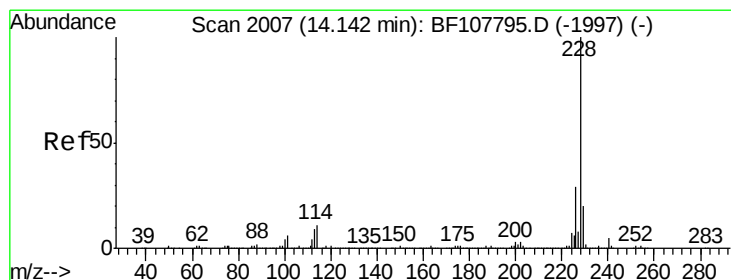
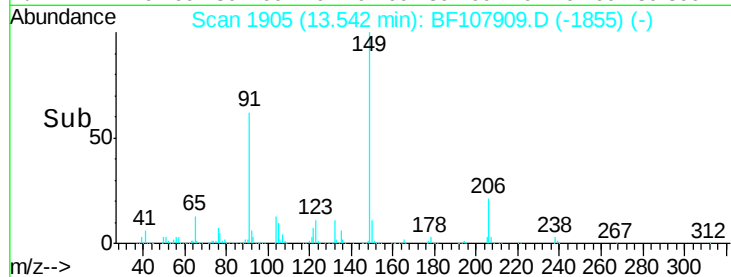
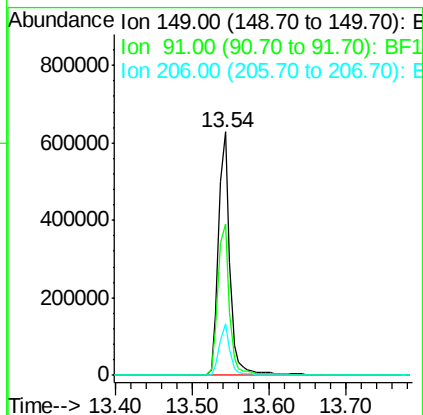
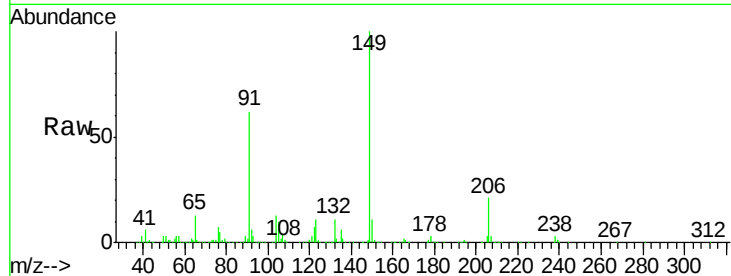




#79
Butylbenzylphthalate
Concen: 45.540 ng
RT: 13.54 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BF107909.D
Acq: 2 Aug 2018 15:10

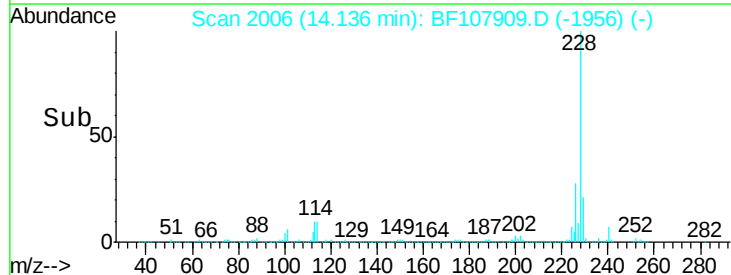
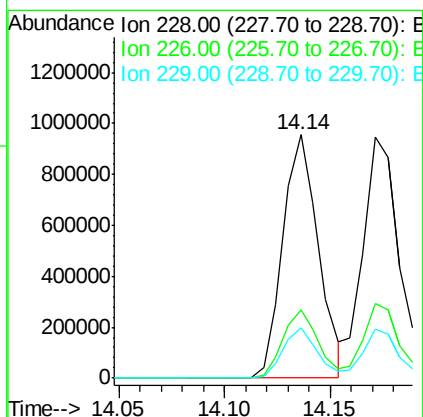
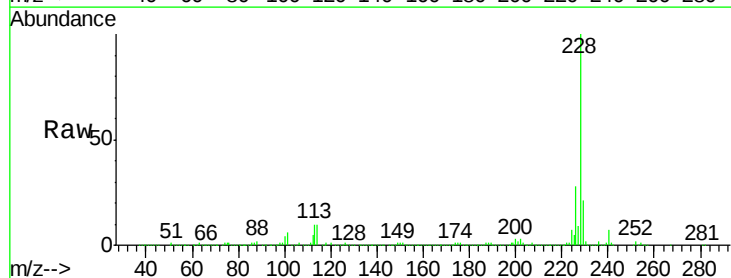
Instrument :
BNA_F
ClientSampleId :
PB111688BS

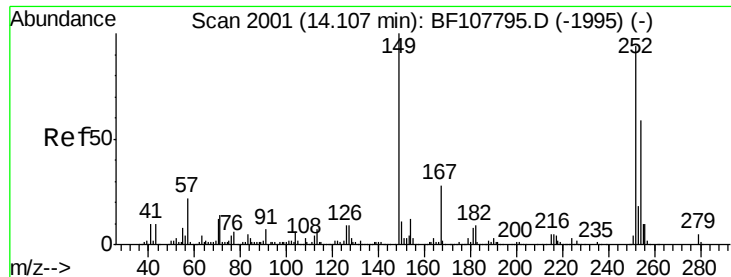
Tgt Ion:149 Resp: 639230
Ion Ratio Lower Upper
149 100
91 62.3 56.8 85.2
206 21.0 14.1 21.1



#80
Benzo(a)anthracene
Concen: 44.559 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF107909.D
Acq: 2 Aug 2018 15:10

Tgt Ion:228 Resp: 1123567
Ion Ratio Lower Upper
228 100
226 27.8 22.6 33.8
229 20.5 15.8 23.6

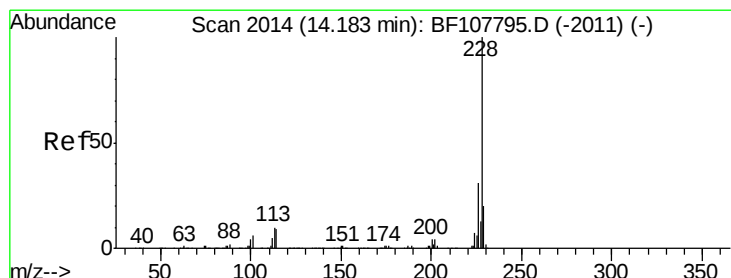
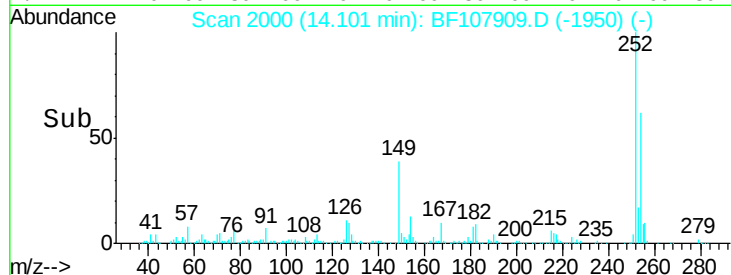
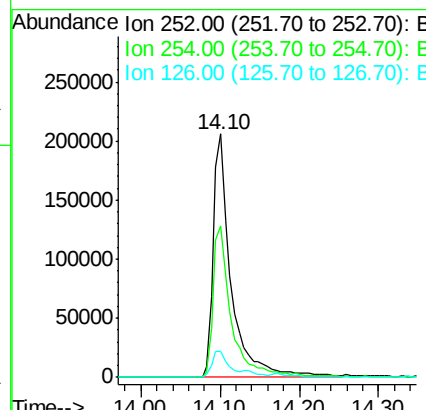
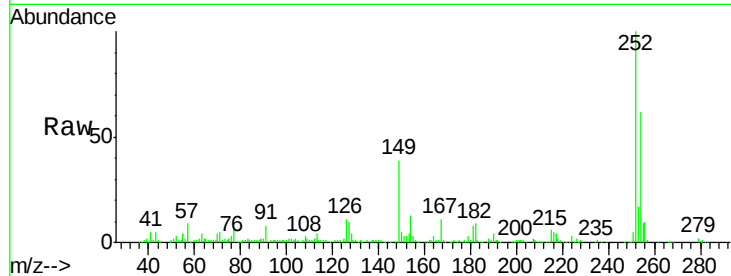




#81
 3,3'-Dichlorobenzidine
 Concen: 33.130 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF107909.D
 Acq: 2 Aug 2018 15:10

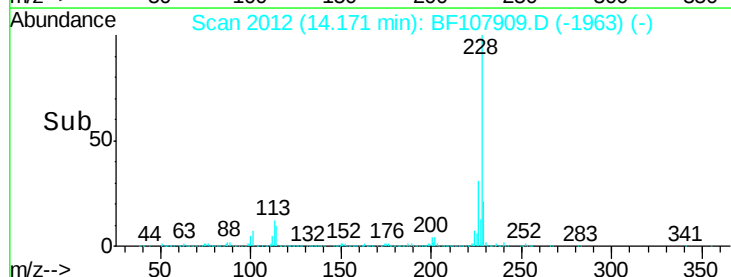
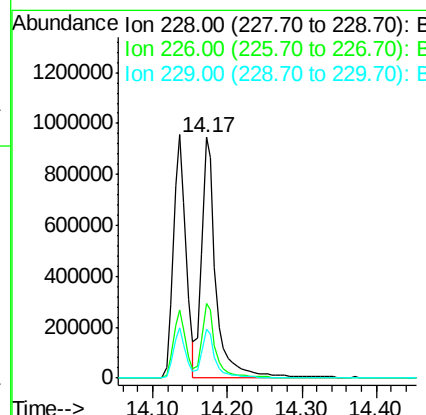
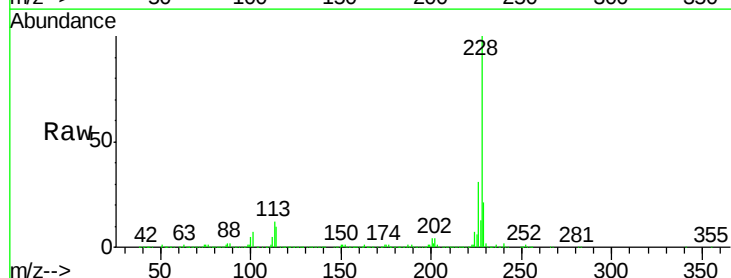
Instrument :
 BNA_F
 ClientSampleId :
 PB111688BS

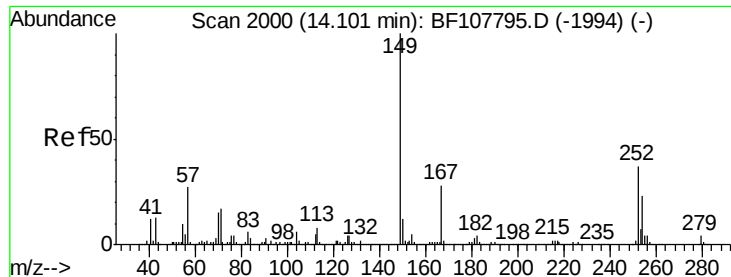
Tgt Ion: 252 Resp: 323833
 Ion Ratio Lower Upper
 252 100
 254 62.2 50.4 75.6
 126 10.7 11.3 16.9#



#82
 Chrysene
 Concen: 46.752 ng
 RT: 14.17 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BF107909.D
 Acq: 2 Aug 2018 15:10

Tgt Ion: 228 Resp: 1271519
 Ion Ratio Lower Upper
 228 100
 226 31.0 25.0 37.6
 229 20.6 16.2 24.4

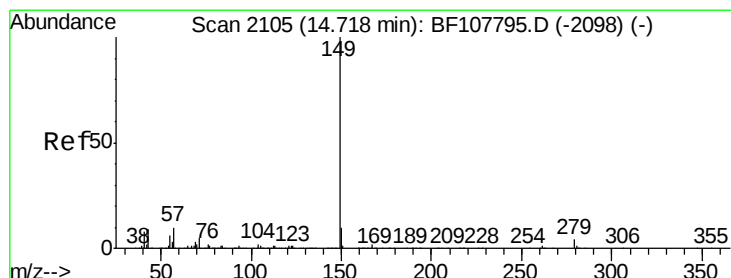
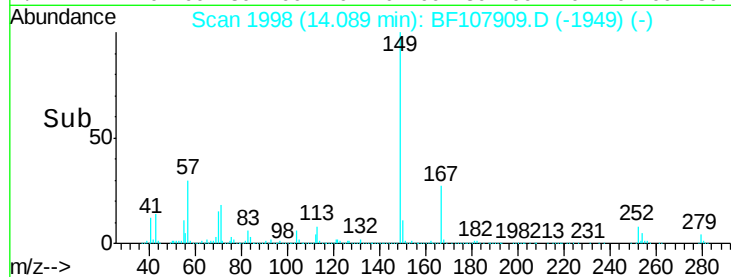
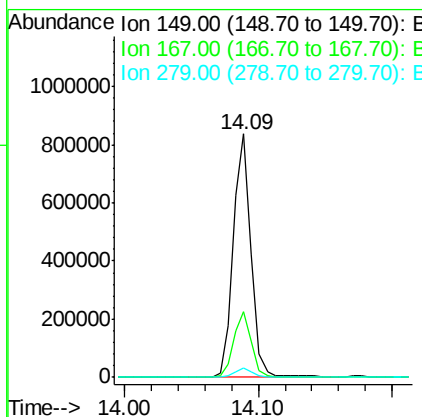
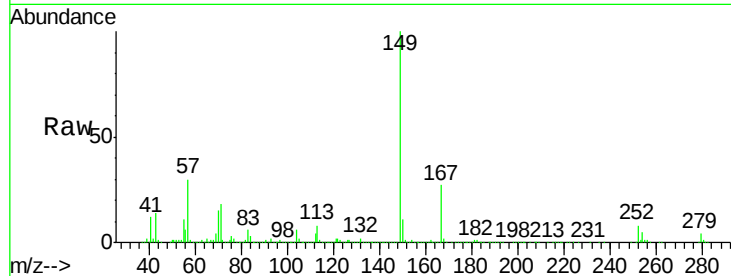




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.215 ng
 RT: 14.09 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF107909.D
 Acq: 2 Aug 2018 15:10

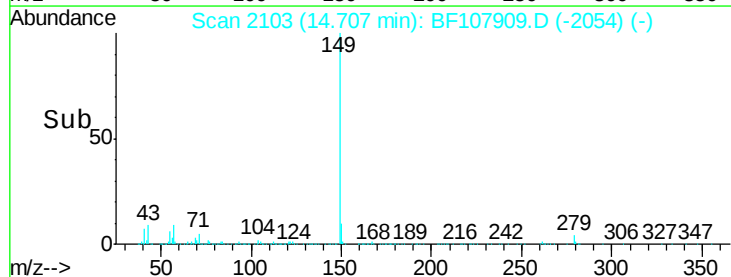
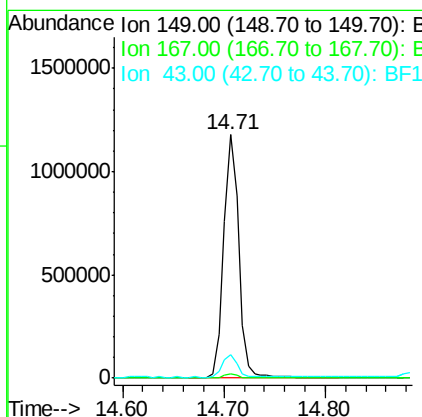
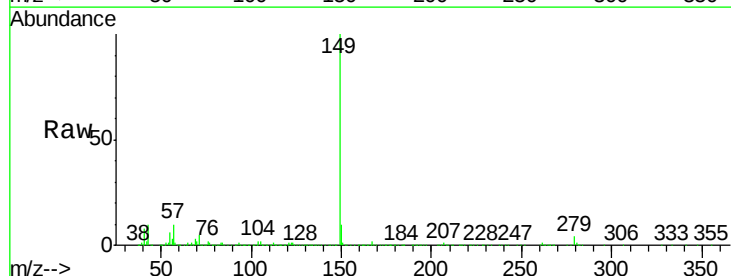
Instrument :
 BNA_F
 ClientSampleId :
 PB111688BS

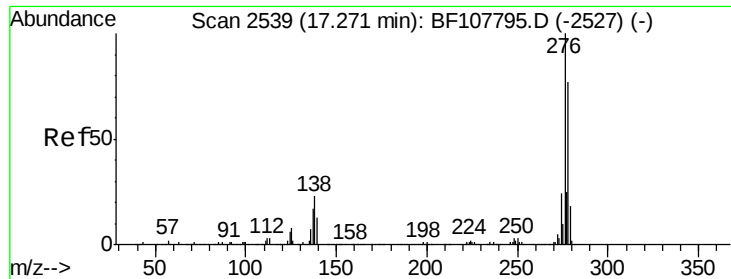
Tgt Ion:149 Resp: 780225
 Ion Ratio Lower Upper
 149 100
 167 26.8 21.3 31.9
 279 3.9 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 43.098 ng
 RT: 14.71 min Scan# 2103
 Delta R.T. -0.01 min
 Lab File: BF107909.D
 Acq: 2 Aug 2018 15:10

Tgt Ion:149 Resp: 1220692
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 9.3 8.4 12.6

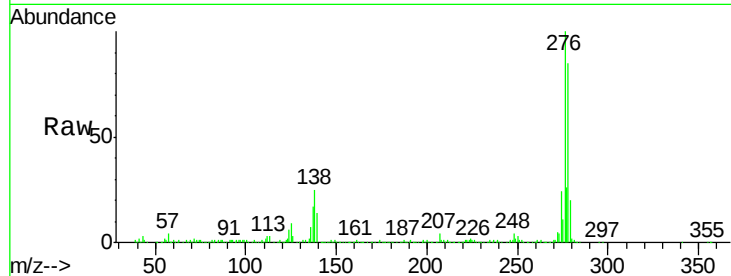




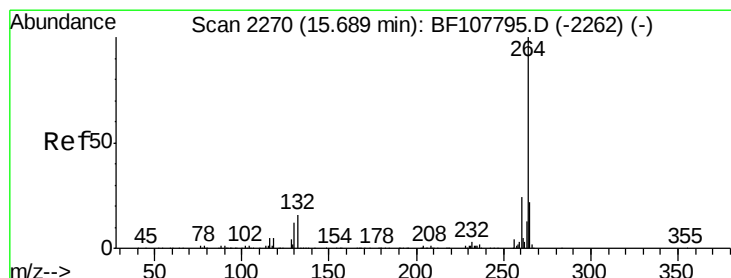
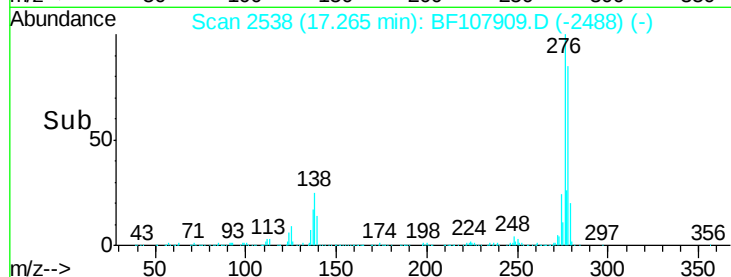
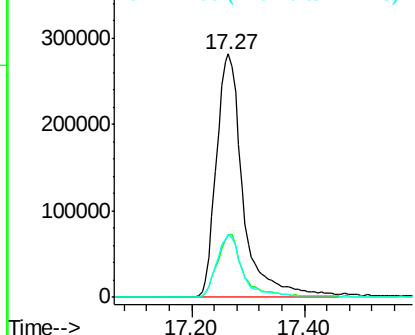
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.017 ng
 RT: 17.27 min Scan# 2538
 Delta R.T. -0.01 min
 Lab File: BF107909.D
 Acq: 2 Aug 2018 15:10

Instrument :
 BNA_F
 ClientSampleId :
 PB111688BS

Tgt Ion:276 Resp: 931270
 Ion Ratio Lower Upper
 276 100
 138 25.2 25.0 37.6
 277 25.6 20.1 30.1

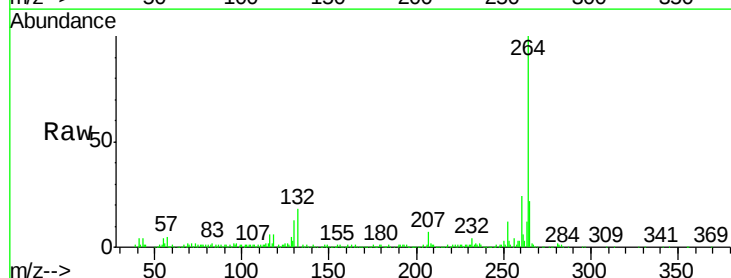


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

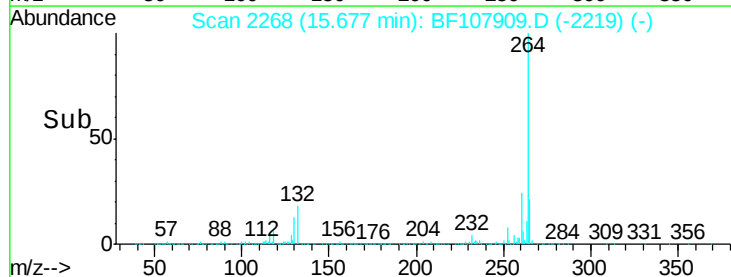
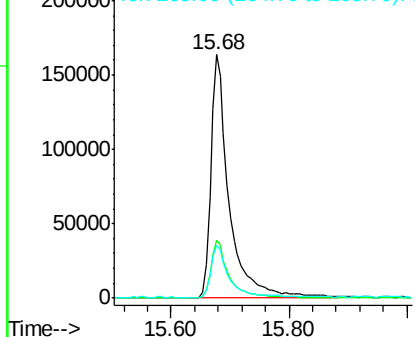


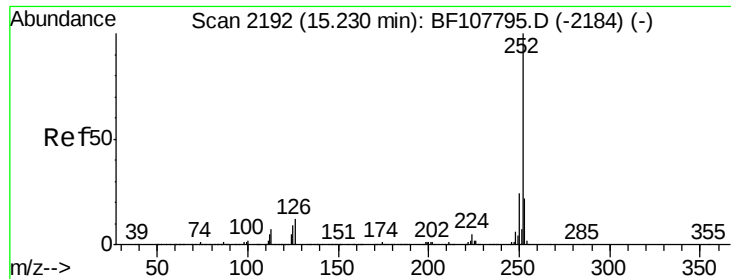
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.01 min
 Lab File: BF107909.D
 Acq: 2 Aug 2018 15:10

Tgt Ion:264 Resp: 353278
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.7 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

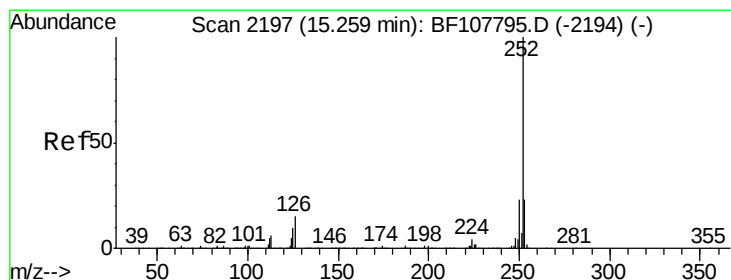
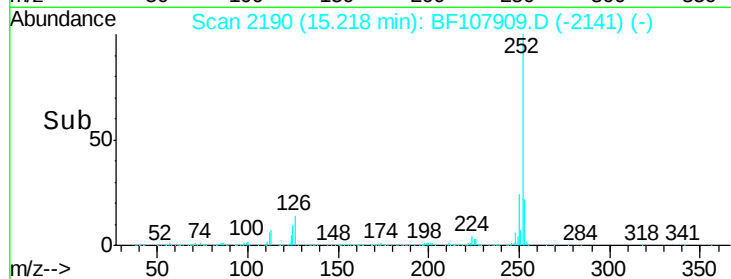
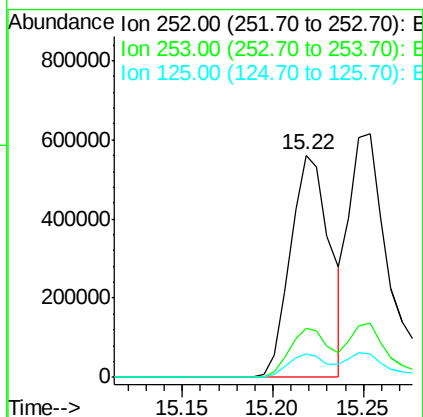
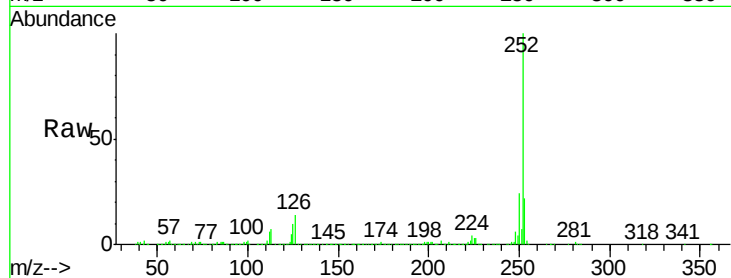




#87
Benzo(b)fluoranthene
Concen: 49.326 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BF107909.D
Acq: 2 Aug 2018 15:10

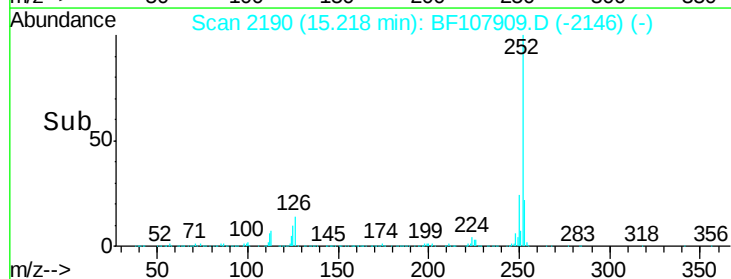
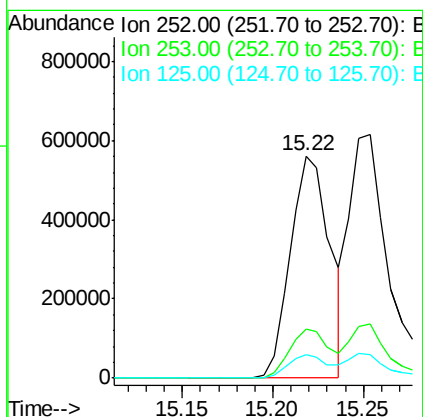
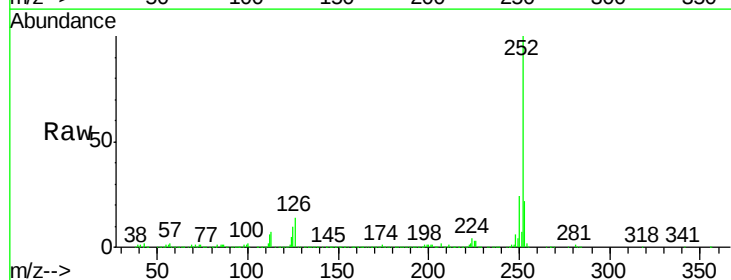
Instrument :
BNA_F
ClientSampleId :
PB111688BS

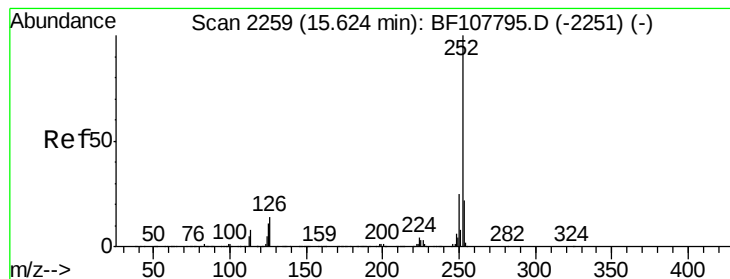
Tgt Ion:252 Resp: 859445
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 10.4 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 40.176 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.04 min
Lab File: BF107909.D
Acq: 2 Aug 2018 15:10

Tgt Ion:252 Resp: 859445
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 10.4 10.2 15.2





#89

Benzo(a)pyrene

Concen: 48.966 ng

RT: 15.61 min Scan# 2257

Delta R.T. -0.01 min

Lab File: BF107909.D

Acq: 2 Aug 2018 15:10

Instrument :

BNA_F

ClientSampleId :

PB111688BS

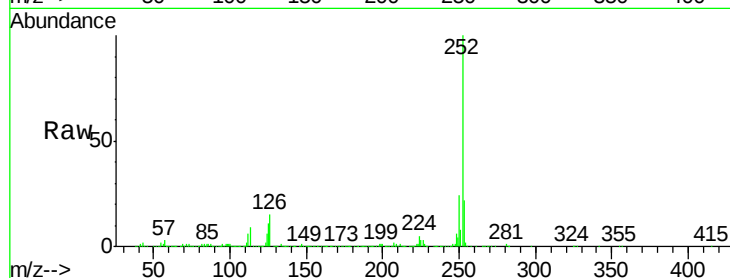
Tgt Ion:252 Resp: 880770

Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

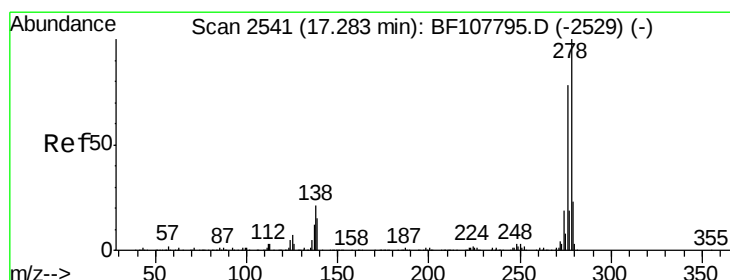
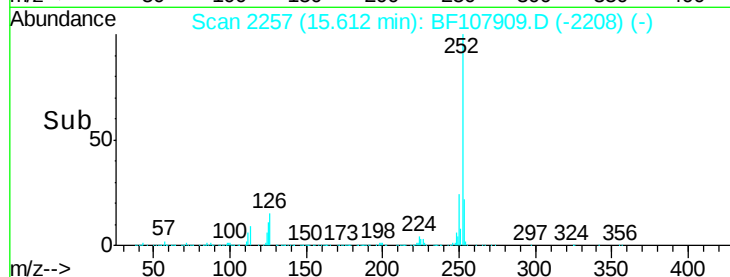
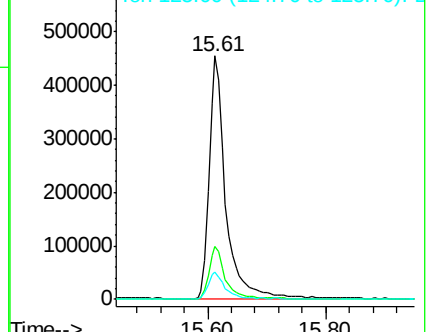
125 11.3 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 50.891 ng

RT: 17.27 min Scan# 2539

Delta R.T. -0.01 min

Lab File: BF107909.D

Acq: 2 Aug 2018 15:10

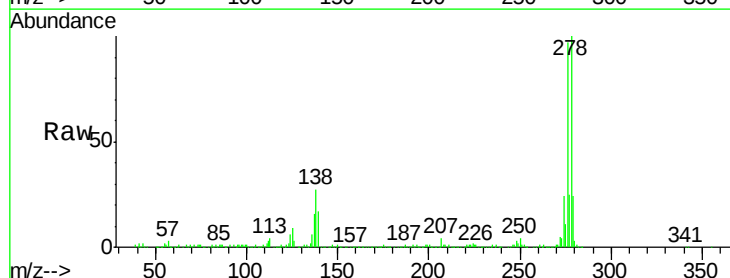
Tgt Ion:278 Resp: 798482

Ion Ratio Lower Upper

278 100

139 16.8 15.9 23.9

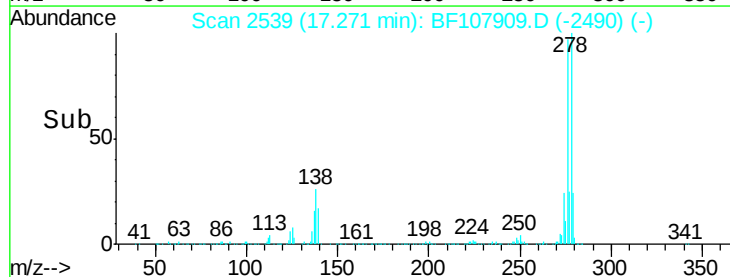
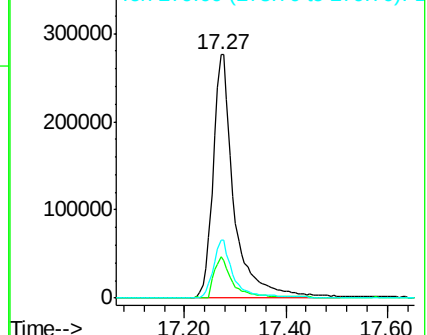
279 23.9 19.0 28.4

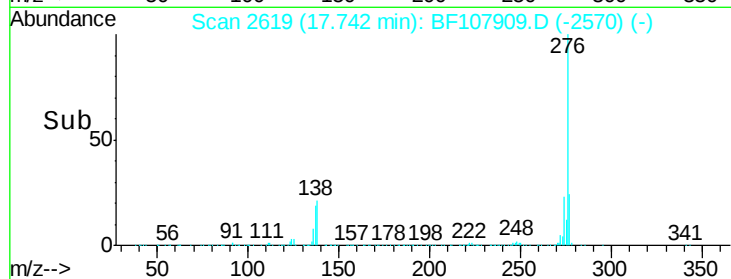
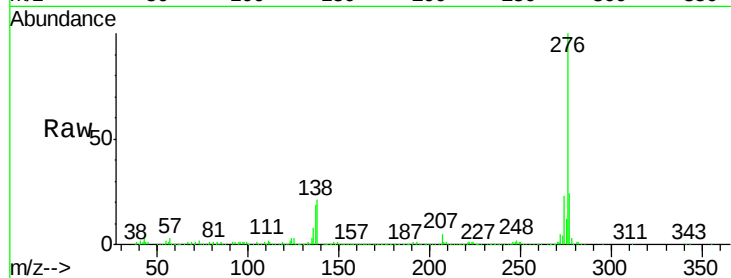
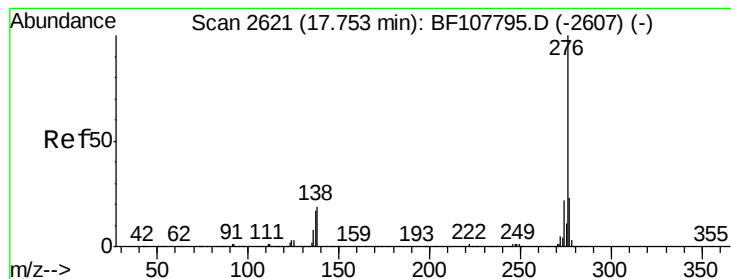


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 51.138 ng

RT: 17.74 min Scan# 2619

Delta R.T. -0.01 min

Lab File: BF107909.D

Acq: 2 Aug 2018 15:10

Instrument :

BNA_F

ClientSampleId :

PB111688BS

Tgt Ion: 276 Resp: 776364

Ion Ratio Lower Upper

276 100

277 24.0 17.9 26.9

138 21.2 21.8 32.8#

