

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071218\
 Data File : BF107331.D
 Acq On : 12 Jul 2018 11:51
 Operator : JU/SJ
 Sample : PB110986BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110986BS

Quant Time: Jul 12 12:48:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 11 16:39:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	60401	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	229819	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	116995	20.00	ng	0.00
63) Phenanthrene-d10	11.48	188	212525	20.00	ng	0.00
75) Chrysene-d12	14.14	240	155285	20.00	ng	0.00
86) Perylene-d12	15.68	264	180982	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	430107	120.58	ng	0.02
7) Phenol-d6	6.59	99	527126	118.34	ng	0.01
23) Nitrobenzene-d5	7.50	82	349621	84.54	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	166274	122.62	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	637725	93.79	ng	0.00
78) Terphenyl-d14	13.07	244	626603	97.74	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.84	88	59308	32.341	ng	95
3) Pyridine	3.62	79	178307	35.851	ng	97
4) n-Nitrosodimethylamine	3.58	42	72933	34.527	ng	83
6) Aniline	6.60	93	126009	20.854	ng	# 1
8) 2-Chlorophenol	6.73	128	159227	40.698	ng	97
9) Benzaldehyde	6.49	77	97673	30.145	ng	97
10) Phenol	6.60	94	193096	37.984	ng	83
11) bis(2-Chloroethyl)ether	6.67	93	164962	39.306	ng	99
12) 1,3-Dichlorobenzene	6.87	146	188766	41.195	ng	98
13) 1,4-Dichlorobenzene	6.95	146	190998	41.229	ng	97
14) 1,2-Dichlorobenzene	7.10	146	173089	40.768	ng	97
15) Benzyl Alcohol	7.08	79	127503	35.647	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.20	45	226238	41.086	ng	# 27
17) 2-Methylphenol	7.20	107	136631	40.809	ng	# 90
18) Hexachloroethane	7.44	117	65760	40.365	ng	# 86
19) n-Nitroso-di-n-propylamine	7.34	70	115176	39.225	ng	94
20) 3+4-Methylphenols	7.35	107	180272	52.207	ng	98
22) Acetophenone	7.34	105	226099	43.974	ng	# 97
24) Nitrobenzene	7.52	77	173826	41.171	ng	98
25) Isophorone	7.75	82	320759	44.017	ng	97
26) 2-Nitrophenol	7.84	139	92846	46.583	ng	95
27) 2,4-Dimethylphenol	7.87	122	149000	48.366	ng	98
28) bis(2-Chloroethoxy)methane	7.95	93	205975	42.098	ng	97
29) 2,4-Dichlorophenol	8.09	162	148616	46.079	ng	91
30) 1,2,4-Trichlorobenzene	8.15	180	165354	46.539	ng	97
31) Naphthalene	8.24	128	468885	43.639	ng	99
32) Benzoic acid	8.03	122	78175	36.452	ng	95
33) 4-Chloroaniline	8.30	127	62819	13.934	ng	98
34) Hexachlorobutadiene	8.34	225	108172	46.724	ng	98
35) Caprolactam	8.68	113	29857	28.399	ng	97
36) 4-Chloro-3-methylphenol	8.80	107	145044	42.725	ng	97
37) 2-Methylnaphthalene	8.93	142	346277	48.622	ng	94
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	180496	45.811	ng	# 95
40) Hexachlorocyclopentadiene	9.08	237	74988	36.992	ng	99

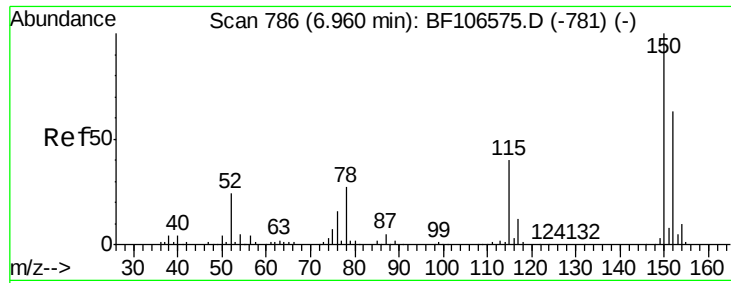
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071218\
 Data File : BF107331.D
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 QLast Update : Wed Jul 11 16:39:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	97642	37.282	ng	93
43) 2,4,5-Trichlorophenol	9.28	196	92978	34.022	ng	# 87
45) 1,1'-Biphenyl	9.40	154	412187	44.207	ng	99
46) 2-Chloronaphthalene	9.42	162	301088	41.024	ng	96
47) 2-Nitroaniline	9.54	65	89236	36.158	ng	95
48) Acenaphthylene	9.85	152	463595	40.009	ng	99
49) Dimethylphthalate	9.70	163	328680	37.457	ng	99
50) 2,6-Dinitrotoluene	9.77	165	78127	42.047	ng	95
51) Acenaphthene	10.02	154	284572	39.001	ng	98
52) 3-Nitroaniline	9.95	138	43887	20.526	ng	95
53) 2,4-Dinitrophenol	10.07	184	48438	52.137	ng	# 16
54) Dibenzofuran	10.19	168	416451	41.681	ng	97
55) 4-Nitrophenol	10.14	139	34230	22.935	ng	96
56) 2,4-Dinitrotoluene	10.19	165	93157	38.410	ng	# 93
57) Fluorene	10.54	166	337305	42.544	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.32	232	76773	35.341	ng	# 71
59) Diethylphthalate	10.40	149	317457	37.484	ng	# 93
60) 4-Chlorophenyl-phenylether	10.52	204	177936	42.893	ng	# 85
61) 4-Nitroaniline	10.57	138	62131	29.279	ng	95
62) Azobenzene	10.68	77	312288	37.445	ng	91
64) 4,6-Dinitro-2-methylphenol	10.61	198	48698	37.069	ng	# 71
65) n-Nitrosodiphenylamine	10.64	169	286468	40.075	ng	99
66) 4-Bromophenyl-phenylether	11.01	248	116835	46.064	ng	# 80
67) Hexachlorobenzene	11.09	284	124021	46.718	ng	# 81
68) Atrazine	11.17	200	93012	40.930	ng	93
69) Pentachlorophenol	11.30	266	35444	26.759	ng	98
70) Phenanthrene	11.51	178	457786	44.660	ng	99
71) Anthracene	11.56	178	472756	45.185	ng	100
72) Carbazole	11.72	167	373624	38.142	ng	97
73) Di-n-butylphthalate	12.02	149	445065	38.566	ng	99
74) Fluoranthene	12.70	202	451478	39.960	ng	95
76) Benzidine	12.82	184	66766	15.097	ng	98
77) Pyrene	12.93	202	447540	43.705	ng	99
79) Butylbenzylphthalate	13.53	149	162310	38.552	ng	# 92
80) Benzo(a)anthracene	14.13	228	409684	43.288	ng	100
81) 3,3'-Dichlorobenzidine	14.08	252	97948	29.447	ng	# 96
82) Chrysene	14.17	228	384645	44.177	ng	100
83) Bis(2-ethylhexyl)phthalate	14.08	149	214269	39.808	ng	97
84) Di-n-octyl phthalate	14.71	149	389281	44.369	ng	95
85) Indeno(1,2,3-cd)pyrene	17.29	276	535518	72.475	ng	# 90
87) Benzo(b)fluoranthene	15.22	252	449692	39.999	ng	# 96
88) Benzo(k)fluoranthene	15.25	252	416997	38.949	ng	# 96
89) Benzo(a)pyrene	15.62	252	438444	43.869	ng	# 97
90) Dibenzo(a,h)anthracene	17.29	278	443336	52.341	ng	# 94
91) Benzo(g,h,i)perylene	17.77	276	464825	56.146	ng	# 90

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

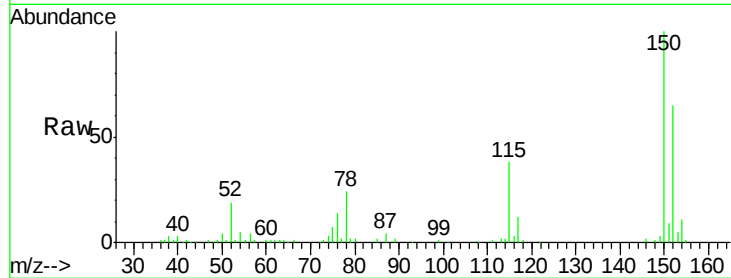


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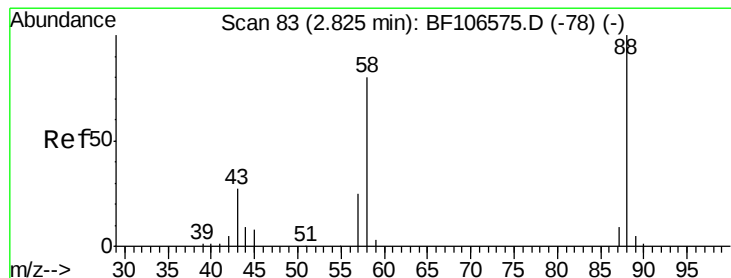
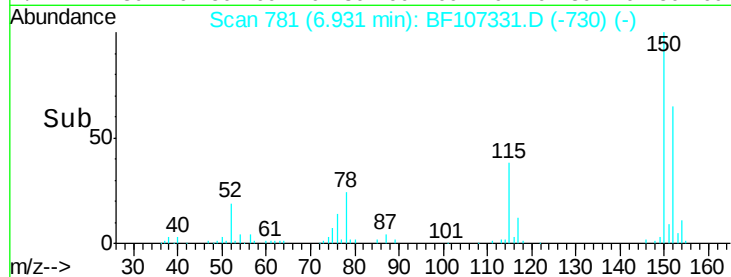
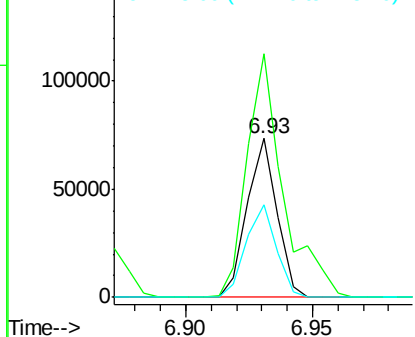
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 781
Delta R.T. -0.00 min
Lab File: BF107331.D
Acq: 12 Jul 2018 11:51

Instrument :
BNA_F
ClientSampleId :
PB110986BS

Tgt Ion:152 Resp: 60401
Ion Ratio Lower Upper
152 100
150 153.1 124.6 186.8
115 57.9 50.1 75.1



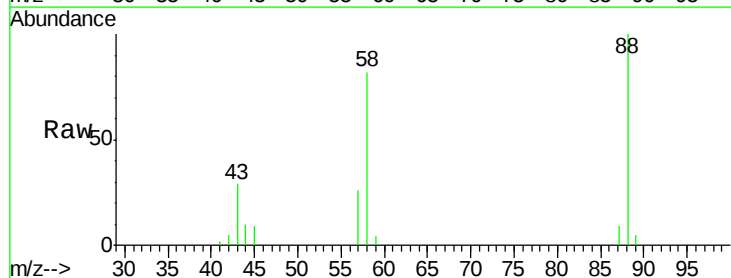
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



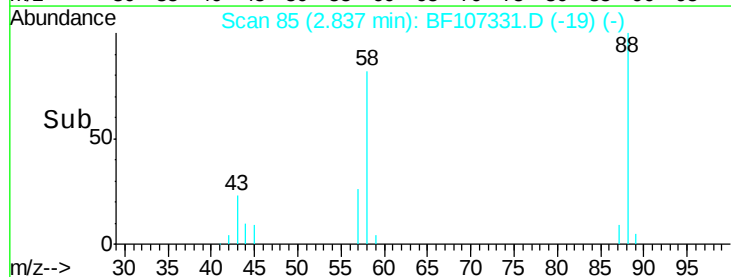
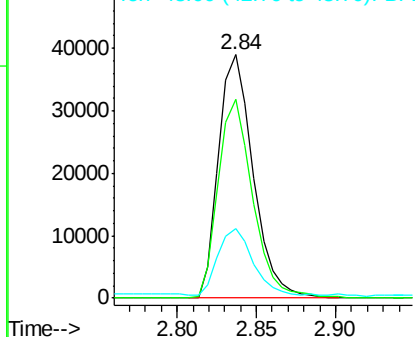
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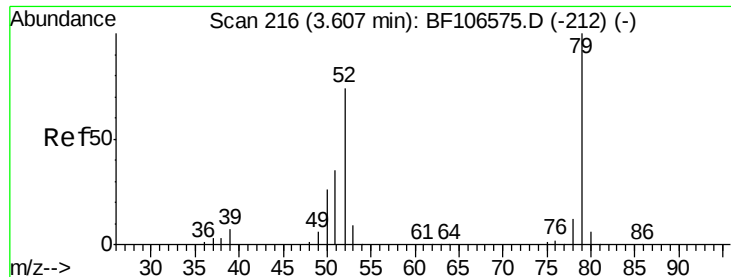
1,4-Dioxane
Concen: 32.341 ng
RT: 2.84 min Scan# 85
Delta R.T. 0.09 min
Lab File: BF107331.D
Acq: 12 Jul 2018 11:51

Tgt Ion: 88 Resp: 59308
Ion Ratio Lower Upper
88 100
58 81.7 62.6 93.8
43 27.5 24.6 37.0



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





#3

Pyridine

Concen: 35.851 ng

RT: 3.62 min Scan# 218

Delta R.T. 0.08 min

Lab File: BF107331.D

Acq: 12 Jul 2018 11:51

Instrument :

BNA_F

ClientSampleId :

PB110986BS

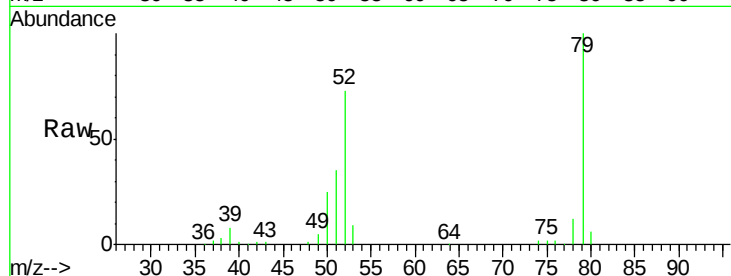
Tgt Ion: 79 Resp: 178307

Ion Ratio Lower Upper

79 100

52 73.1 59.8 89.6

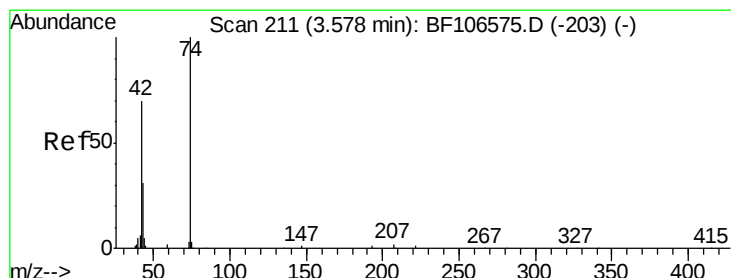
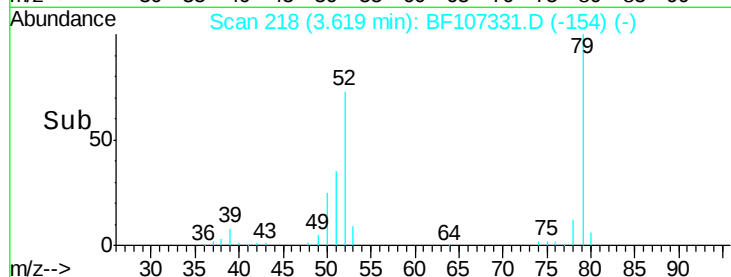
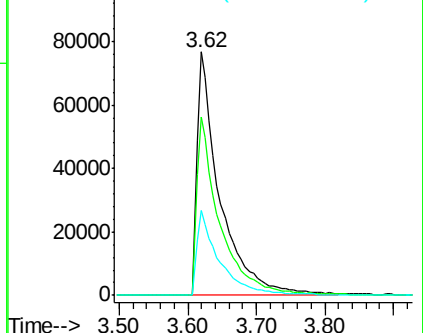
51 34.6 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 34.527 ng

RT: 3.58 min Scan# 212

Delta R.T. 0.07 min

Lab File: BF107331.D

Acq: 12 Jul 2018 11:51

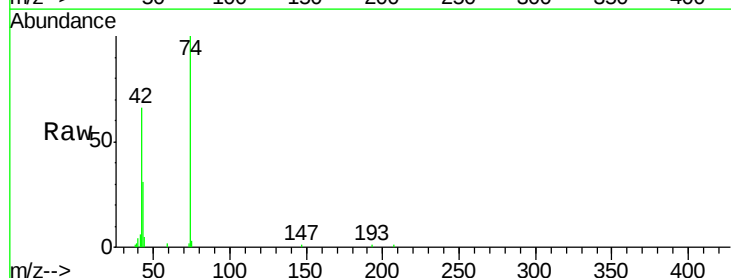
Tgt Ion: 42 Resp: 72933

Ion Ratio Lower Upper

42 100

74 151.8 104.9 157.3

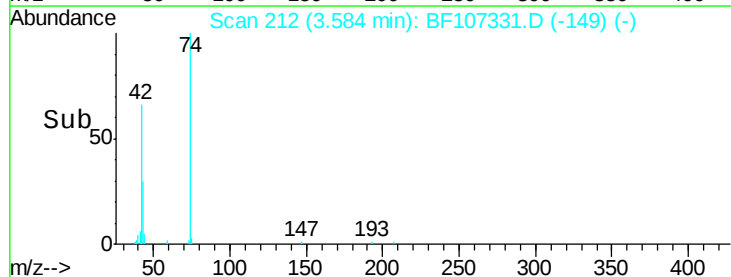
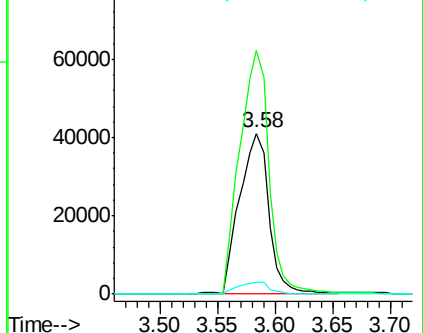
44 7.8 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 120.579 ng

RT: 5.58 min Scan# 552

Delta R.T. 0.02 min

Lab File: BF107331.D

Acq: 12 Jul 2018 11:51

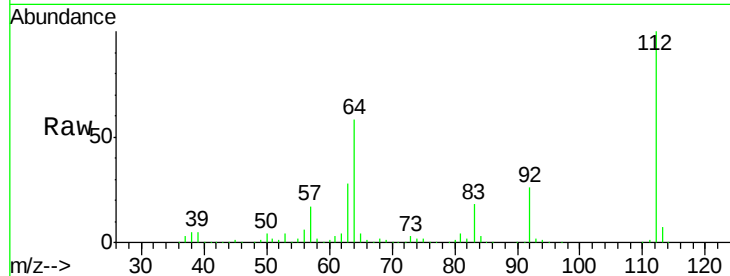
Instrument :

BNA_F

ClientSampleId :

PB110986BS

Tgt Ion:	112	Resp:	430107
Ion	Ratio	Lower	Upper
112	100		
64	57.7	47.9	71.9
63	28.3	23.7	35.5

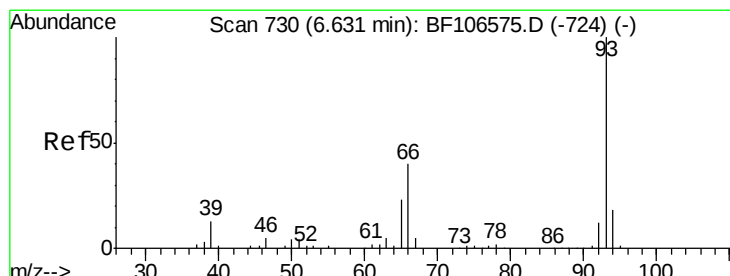
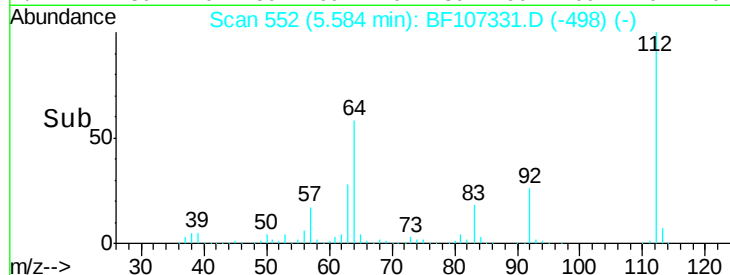
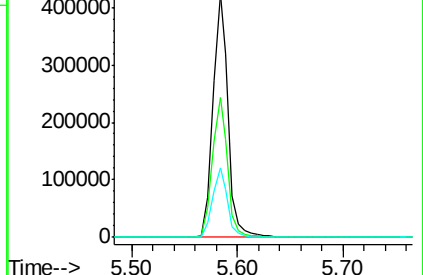


Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

5.58



#6

Aniline

Concen: 20.854 ng

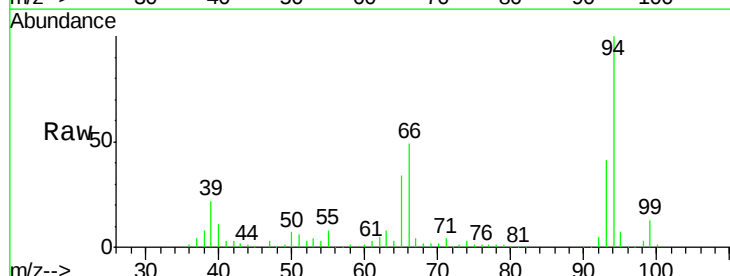
RT: 6.60 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF107331.D

Acq: 12 Jul 2018 11:51

Tgt Ion:	93	Resp:	126009
Ion	Ratio	Lower	Upper
93	100		
66	119.0	32.2	48.2#
65	81.9	16.4	24.6#

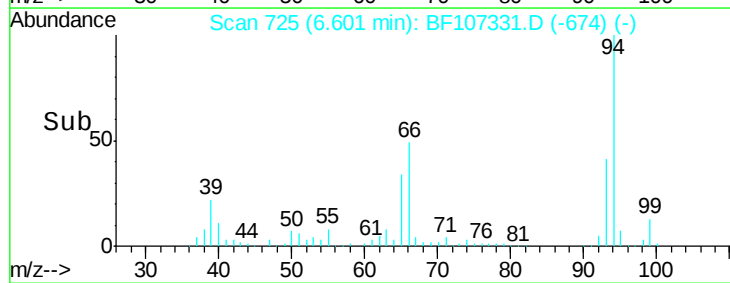
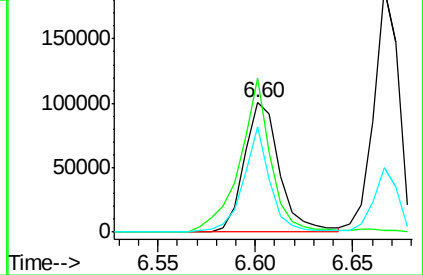


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

6.60





#7

Phenol-d6

Concen: 118.335 ng

RT: 6.59 min Scan# 723

Delta R.T. 0.01 min

Lab File: BF107331.D

Acq: 12 Jul 2018 11:51

Instrument :

BNA_F

ClientSampleId :

PB110986BS

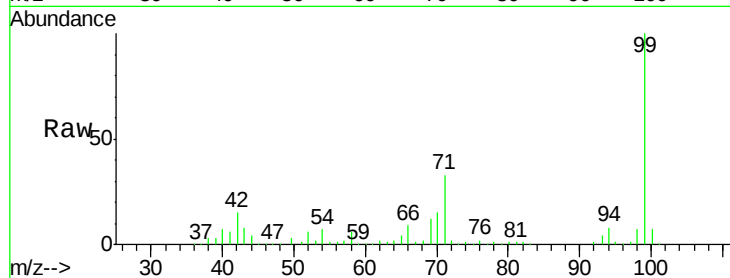
Tgt Ion: 99 Resp: 527126

Ion Ratio Lower Upper

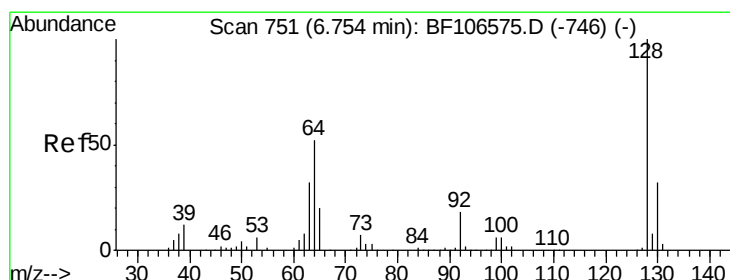
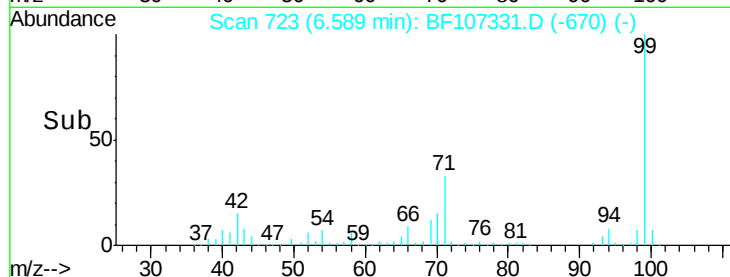
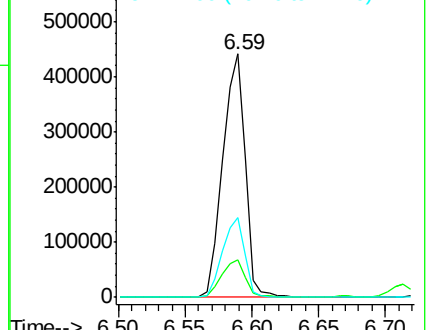
99 100

42 15.4 14.5 21.7

71 32.8 25.4 38.0



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



#8

2-Chlorophenol

Concen: 40.698 ng

RT: 6.73 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF107331.D

Acq: 12 Jul 2018 11:51

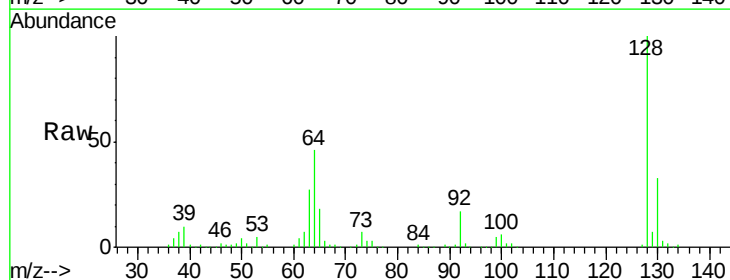
Tgt Ion: 128 Resp: 159227

Ion Ratio Lower Upper

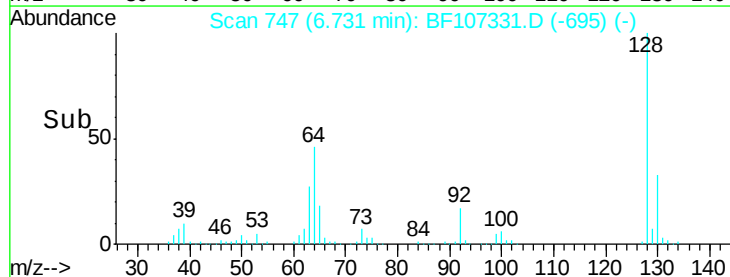
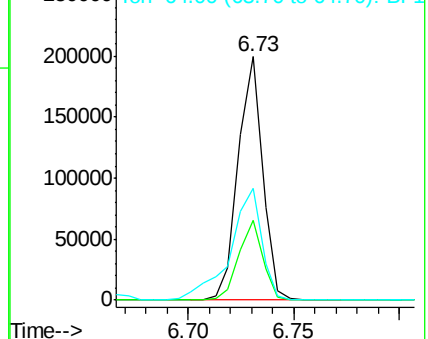
128 100

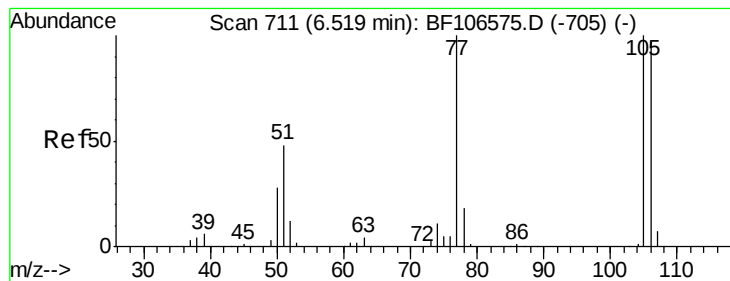
130 32.6 13.0 53.0

64 45.9 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: 30.145 ng

RT: 6.49 min Scan# 706

Delta R.T. -0.00 min

Lab File: BF107331.D

Acq: 12 Jul 2018 11:51

Instrument :

BNA_F

ClientSampleId :

PB110986BS

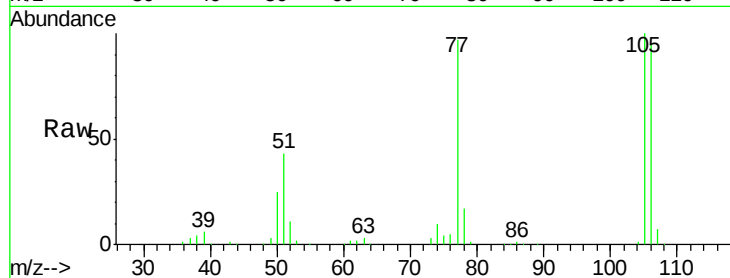
Tgt Ion: 77 Resp: 97673

Ion Ratio Lower Upper

77 100

105 103.2 81.1 121.1

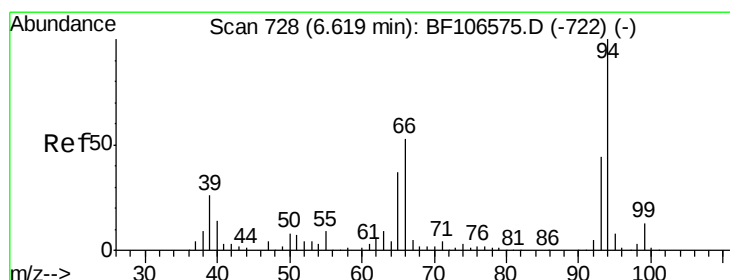
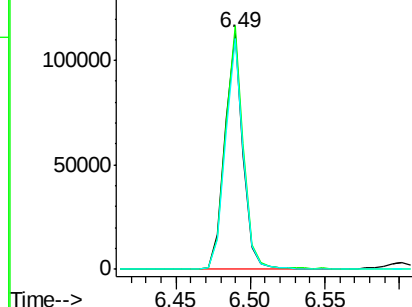
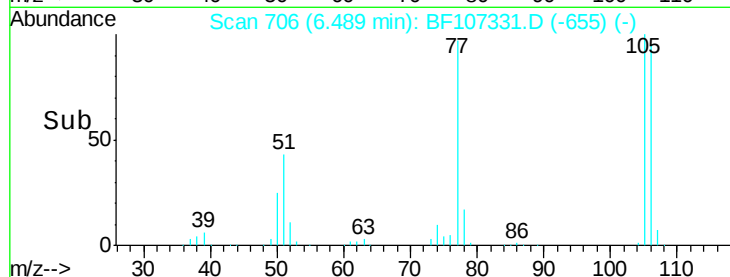
106 97.6 74.5 114.5



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: 37.984 ng

RT: 6.60 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF107331.D

Acq: 12 Jul 2018 11:51

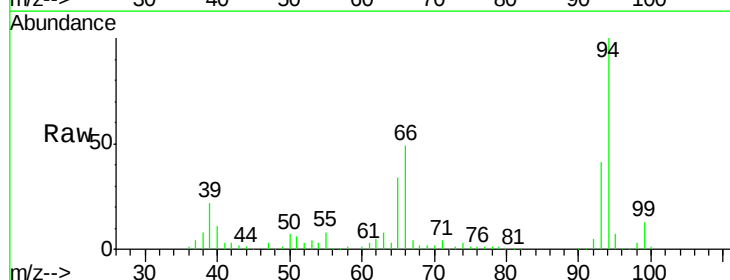
Tgt Ion: 94 Resp: 193096

Ion Ratio Lower Upper

94 100

65 33.7 7.9 47.9

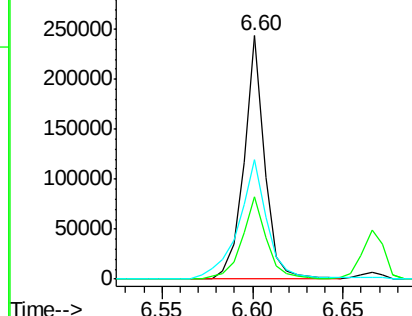
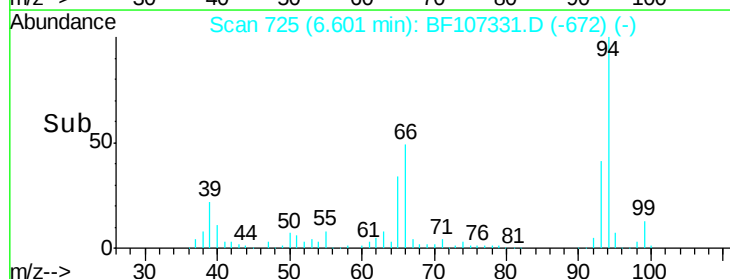
66 49.0 16.2 56.2

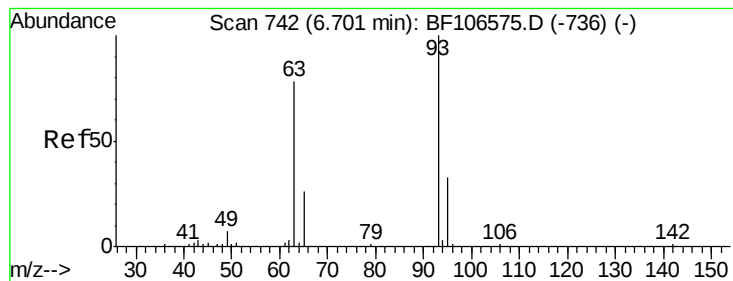


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

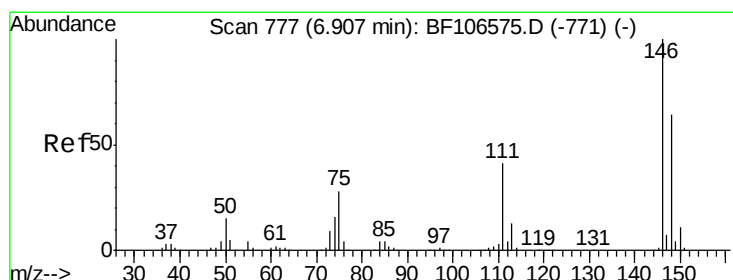
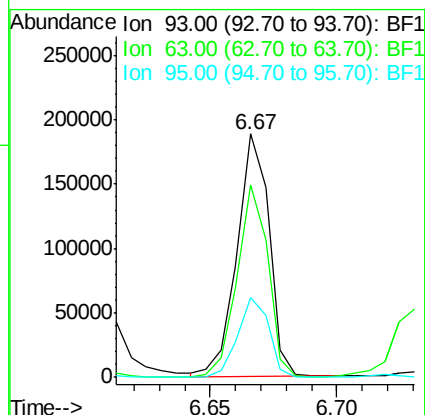
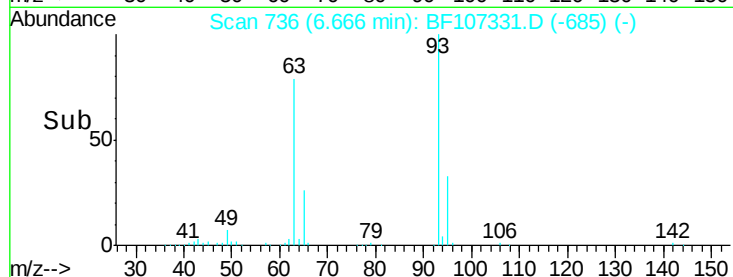
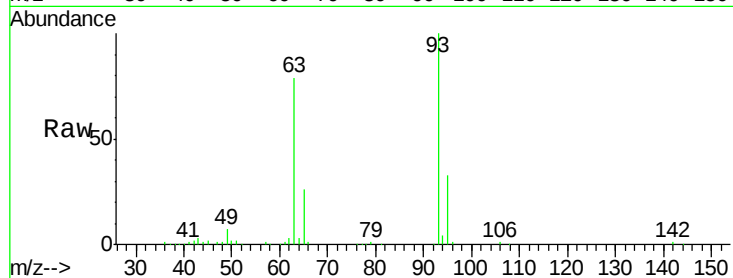




#11
 bis(2-Chloroethyl)ether
 Concen: 39.306 ng
 RT: 6.67 min Scan# 736
 Delta R.T. -0.00 min
 Lab File: BF107331.D
 Acq: 12 Jul 2018 11:51

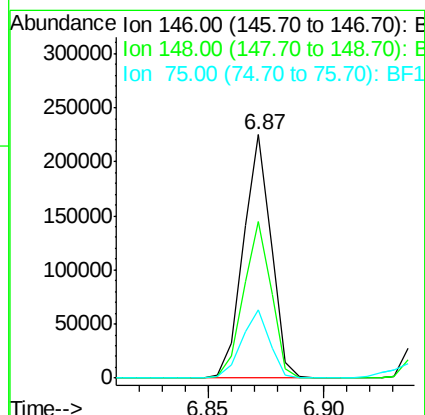
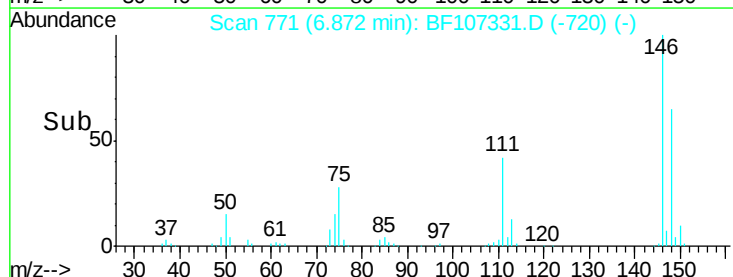
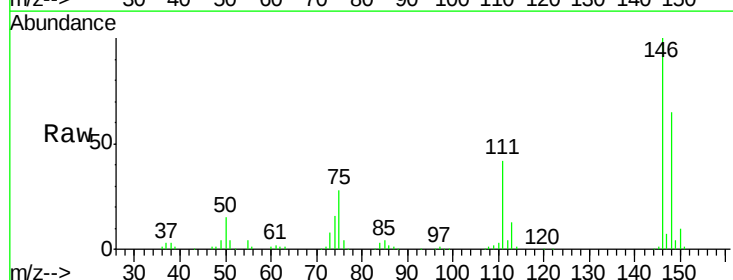
Instrument :
 BNA_F
 ClientSampleId :
 PB110986BS

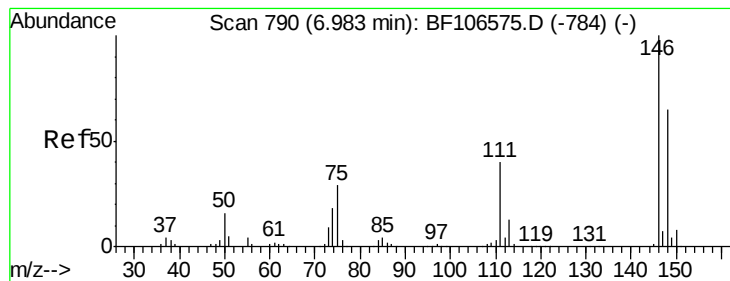
Tgt Ion: 93 Resp: 164962
 Ion Ratio Lower Upper
 93 100
 63 79.1 58.6 98.6
 95 32.5 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 41.195 ng
 RT: 6.87 min Scan# 771
 Delta R.T. -0.00 min
 Lab File: BF107331.D
 Acq: 12 Jul 2018 11:51

Tgt Ion: 146 Resp: 188766
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.8 77.8
 75 27.9 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 41.229 ng

RT: 6.95 min Scan# 784

Delta R.T. -0.00 min

Lab File: BF107331.D

Acq: 12 Jul 2018 11:51

Instrument :

BNA_F

ClientSampleId :

PB110986BS

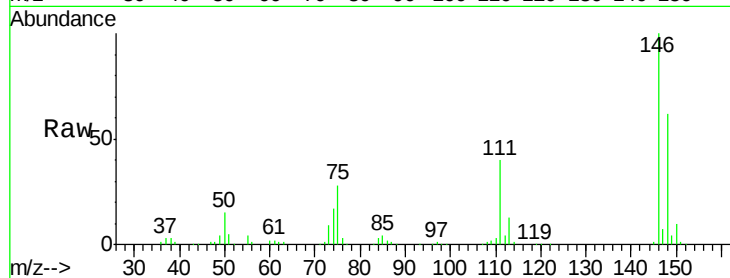
Tgt Ion:146 Resp: 190998

Ion Ratio Lower Upper

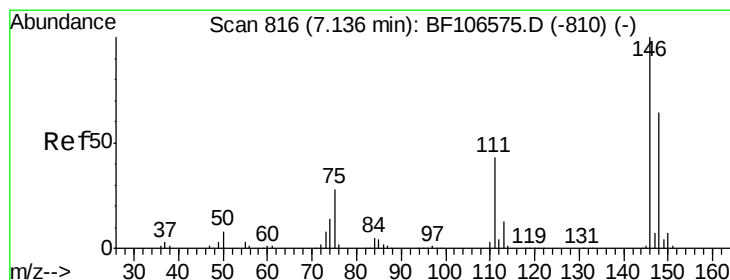
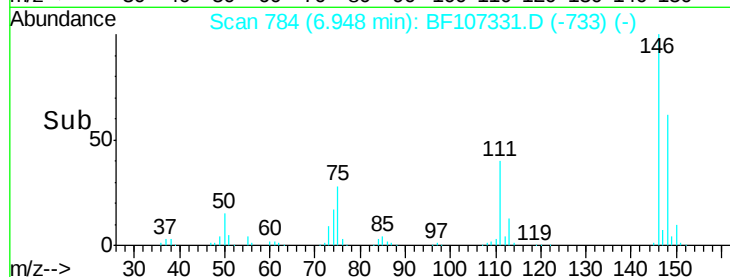
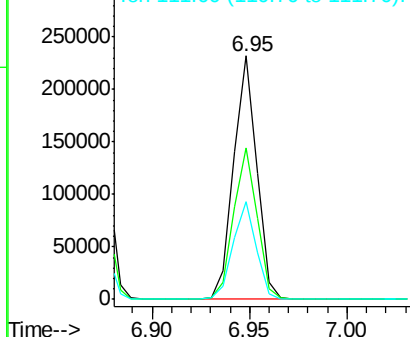
146 100

148 62.0 50.8 76.2

111 40.2 34.2 51.2



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



#14

1,2-Dichlorobenzene

Concen: 40.768 ng

RT: 7.10 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF107331.D

Acq: 12 Jul 2018 11:51

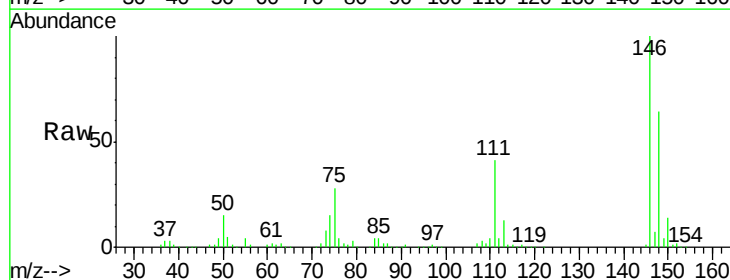
Tgt Ion:146 Resp: 173089

Ion Ratio Lower Upper

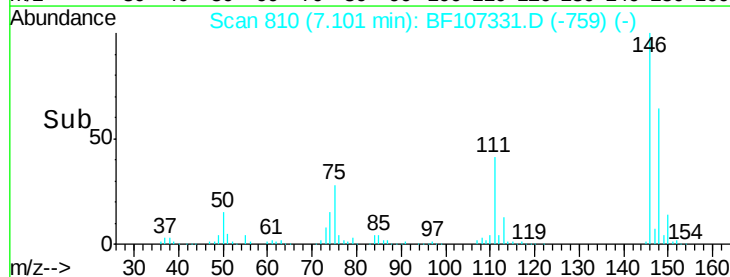
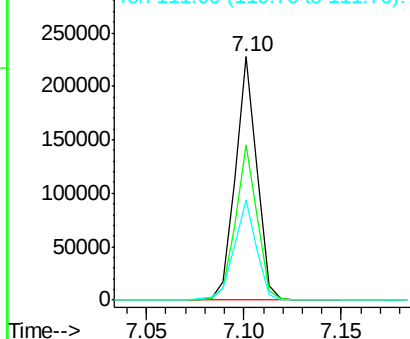
146 100

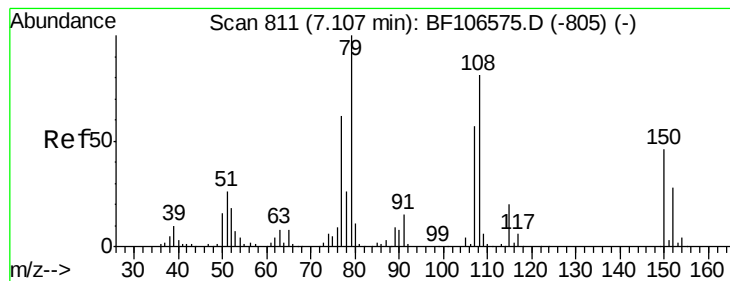
148 64.0 50.6 75.8

111 41.0 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: 35.647 ng

RT: 7.08 min Scan# 807

Delta R.T. 0.01 min

Lab File: BF107331.D

Acq: 12 Jul 2018 11:51

Instrument :

BNA_F

ClientSampleId :

PB110986BS

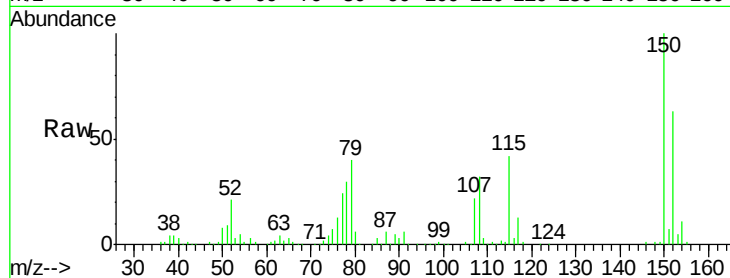
Tgt Ion: 79 Resp: 127503

Ion Ratio Lower Upper

79 100

108 80.4 65.1 97.7

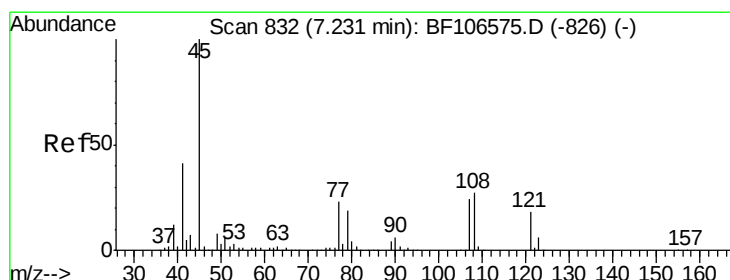
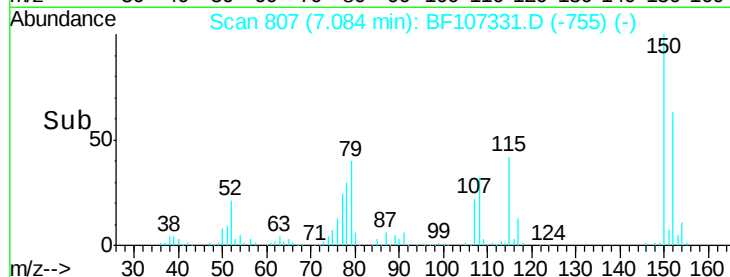
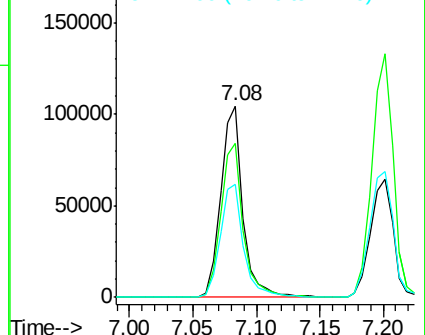
77 59.1 50.6 75.8



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: 41.086 ng

RT: 7.20 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF107331.D

Acq: 12 Jul 2018 11:51

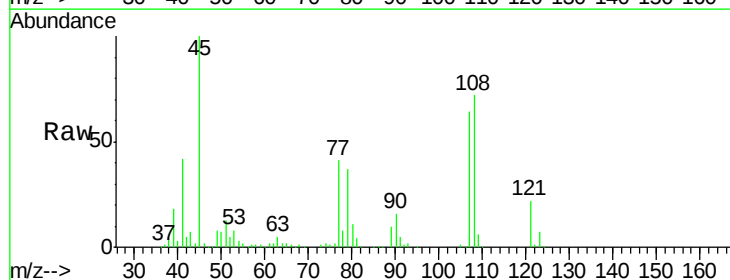
Tgt Ion: 45 Resp: 226238

Ion Ratio Lower Upper

45 100

77 41.3 0.0 32.9#

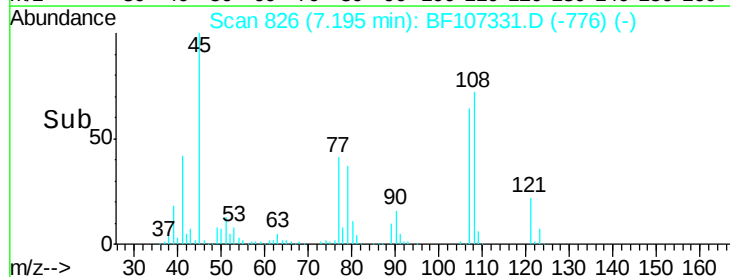
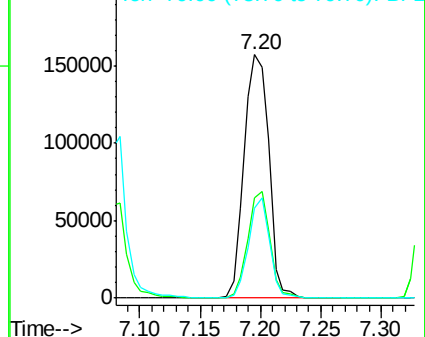
79 37.2 0.0 29.6#

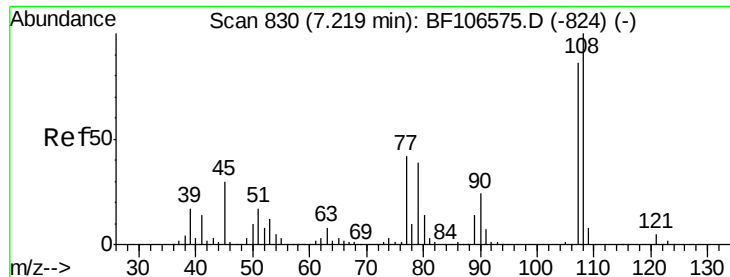


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

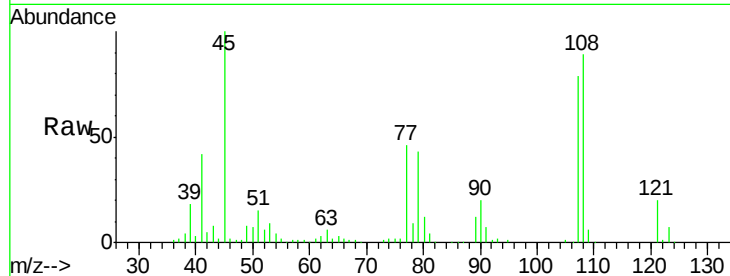




#17
 2-Methylphenol
 Concen: 40.809 ng
 RT: 7.20 min Scan# 827
 Delta R.T. 0.01 min
 Lab File: BF107331.D
 Acq: 12 Jul 2018 11:51

Instrument :
 BNA_F
 ClientSampleId :
 PB110986BS

Tgt Ion	Ratio	Lower	Upper
107	100		
108	113.4	91.7	137.5
77	58.7	33.8	50.8#
79	55.1	33.8	50.8#



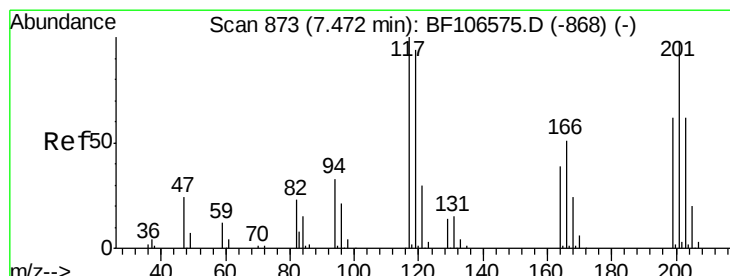
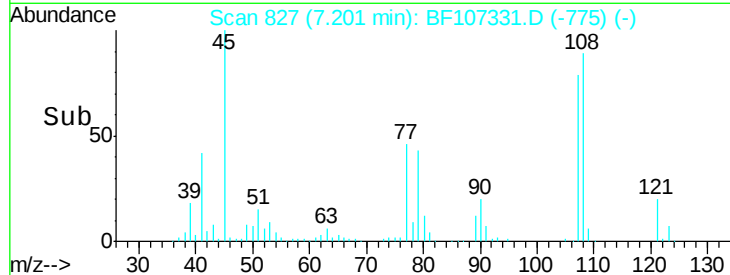
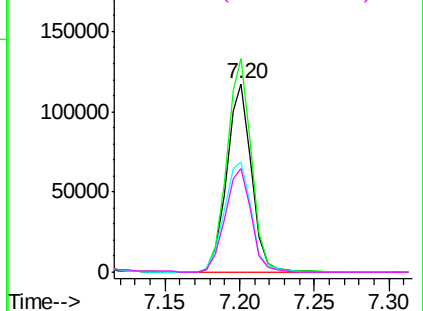
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

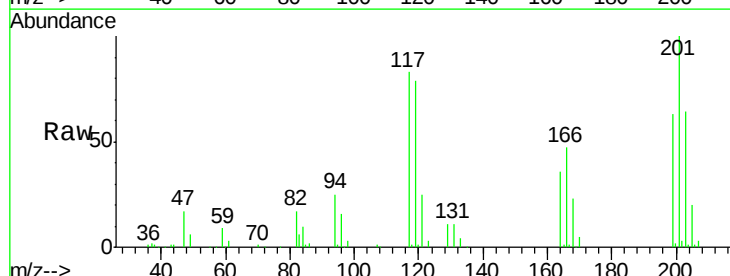
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
 Hexachloroethane
 Concen: 40.365 ng
 RT: 7.44 min Scan# 867
 Delta R.T. -0.00 min
 Lab File: BF107331.D
 Acq: 12 Jul 2018 11:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	75.8	113.8
201	120.6	75.7	113.5#

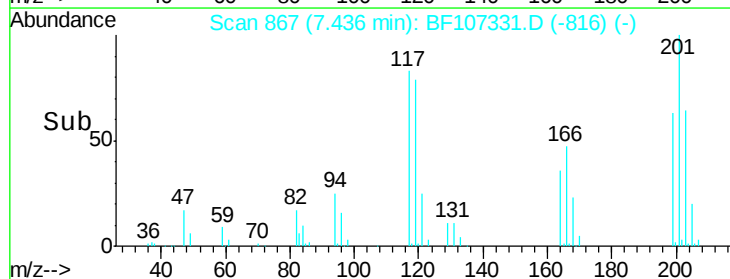
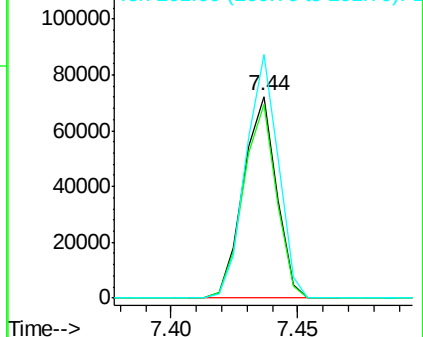


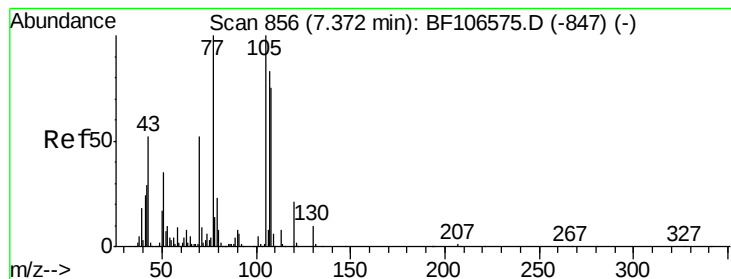
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 39.225 ng

RT: 7.34 min Scan# 851

Delta R.T. -0.00 min

Lab File: BF107331.D

Acq: 12 Jul 2018 11:51

Instrument :

BNA_F

ClientSampleId :

PB110986BS

Tgt Ion: 70 Resp: 115176

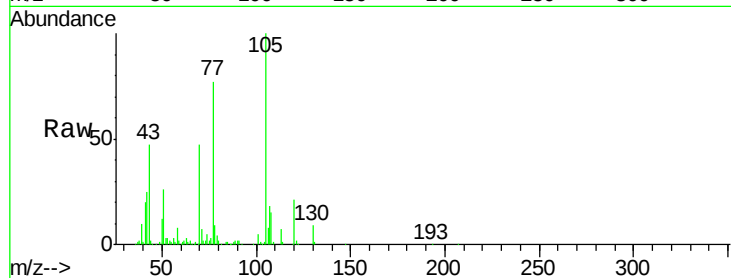
Ion Ratio Lower Upper

70 100

42 53.5 47.5 71.3

101 9.6 7.4 11.2

130 19.3 16.6 25.0



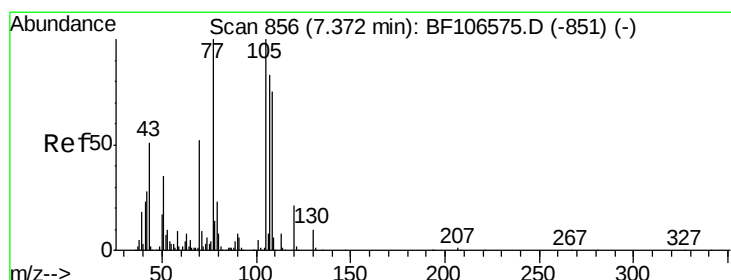
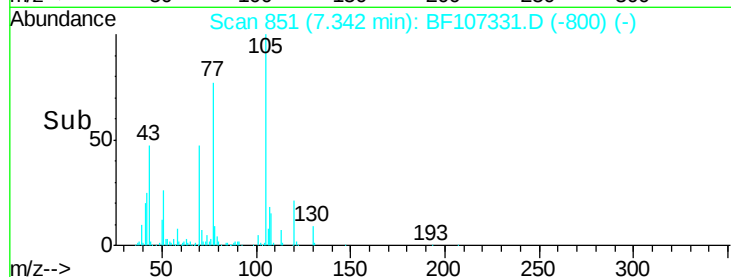
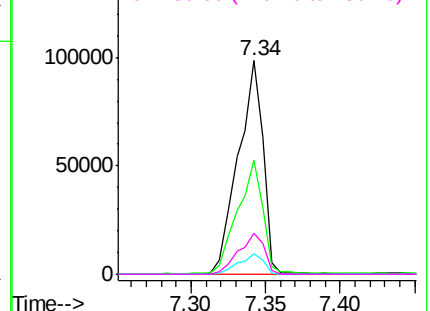
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 52.207 ng

RT: 7.35 min Scan# 853

Delta R.T. 0.01 min

Lab File: BF107331.D

Acq: 12 Jul 2018 11:51

Tgt Ion: 107 Resp: 180272

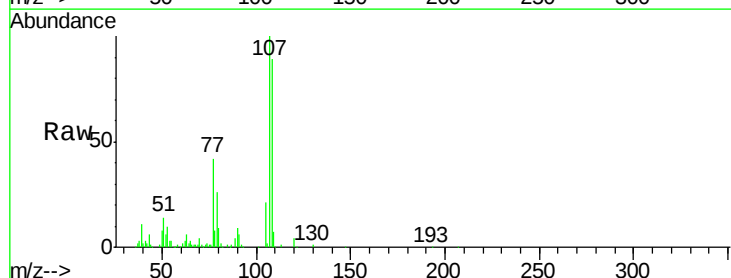
Ion Ratio Lower Upper

107 100

108 89.1 68.2 108.2

77 42.4 26.7 66.7

79 26.1 6.3 46.3



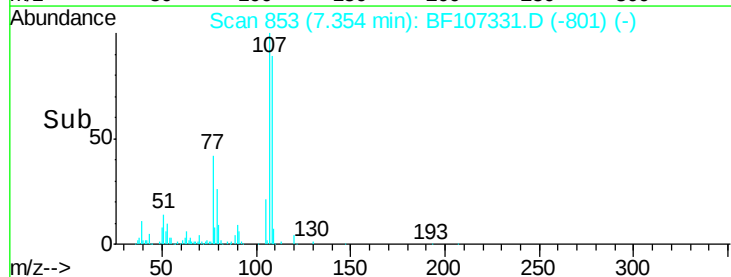
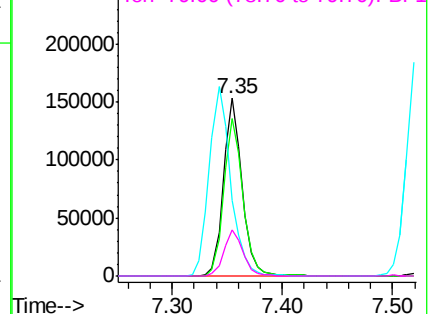
Abundance

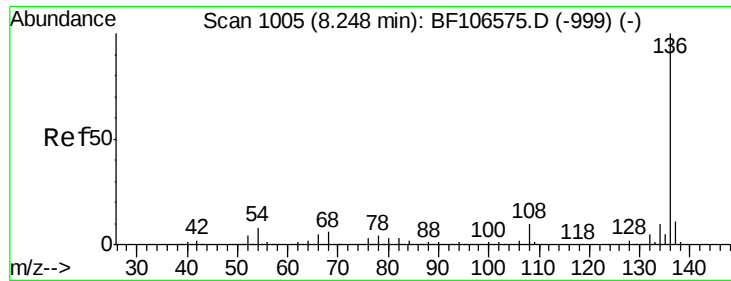
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

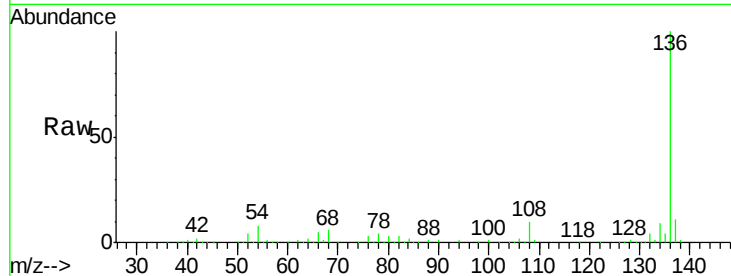




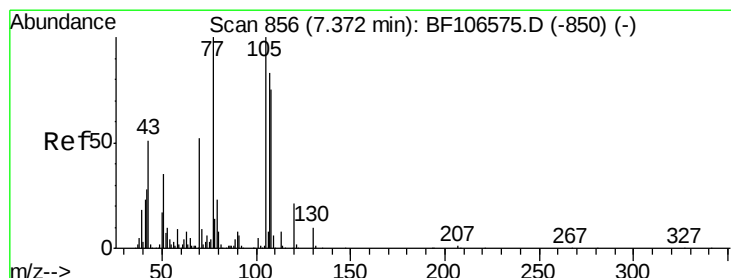
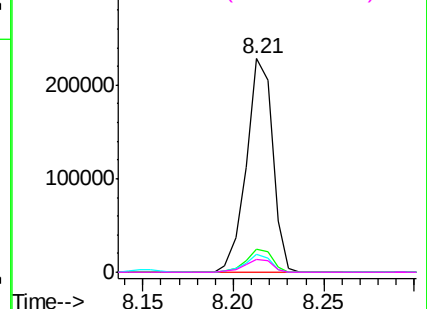
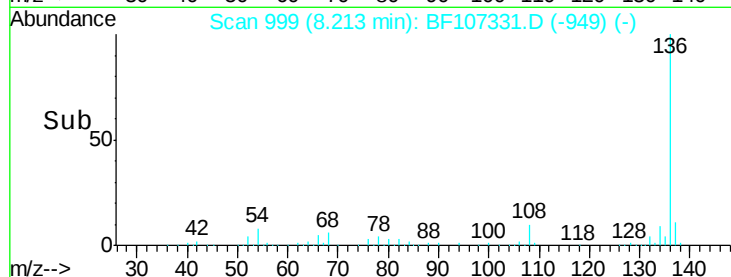
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF107331.D
Acq: 12 Jul 2018 11:51

Instrument :
BNA_F
ClientSampleId :
PB110986BS

Tgt Ion:	136	Resp:	229819
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.9	13.3
54	8.4	6.6	9.8
68	6.3	5.0	7.4

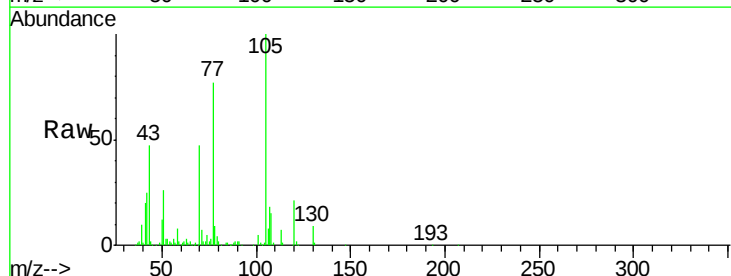


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

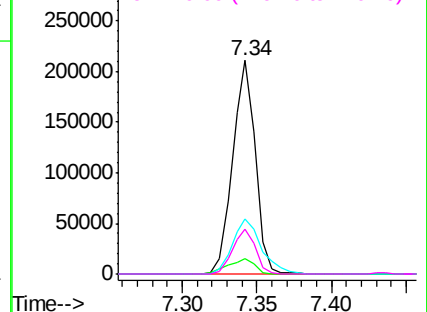
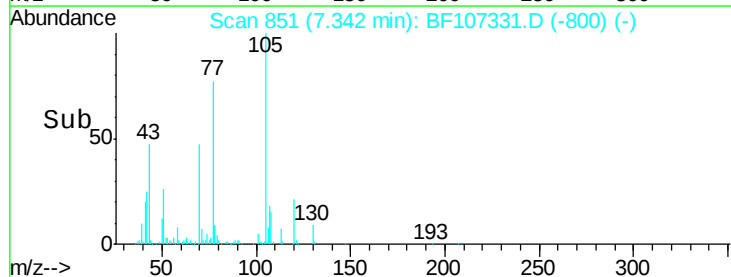


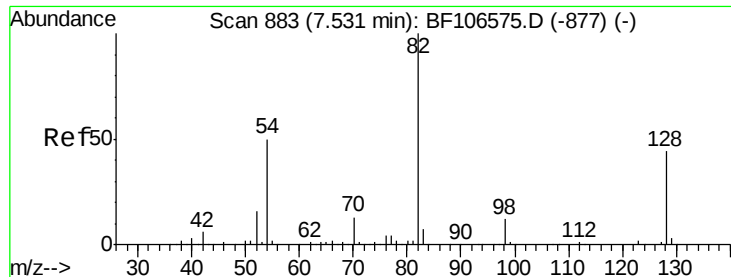
#22
Acetophenone
Concen: 43.974 ng
RT: 7.34 min Scan# 851
Delta R.T. -0.00 min
Lab File: BF107331.D
Acq: 12 Jul 2018 11:51

Tgt Ion:	105	Resp:	226099
Ion Ratio	Lower	Upper	
105	100		
71	7.4	4.4	6.6#
51	25.9	22.3	33.5
120	20.8	16.9	25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

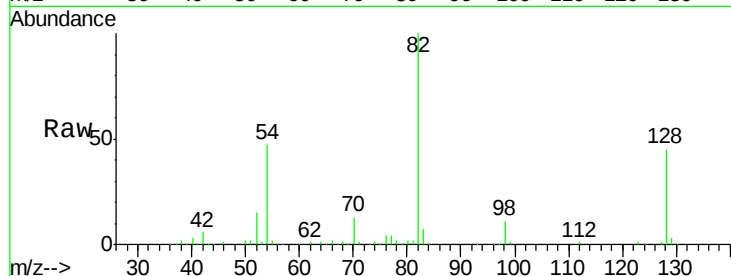




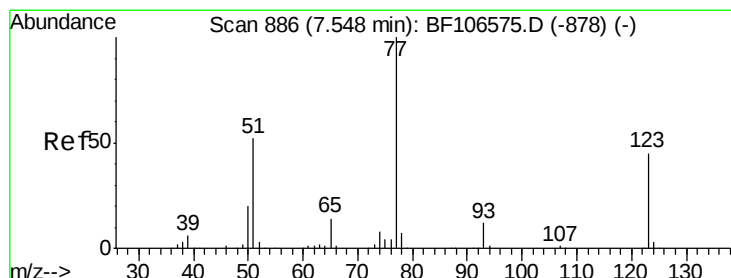
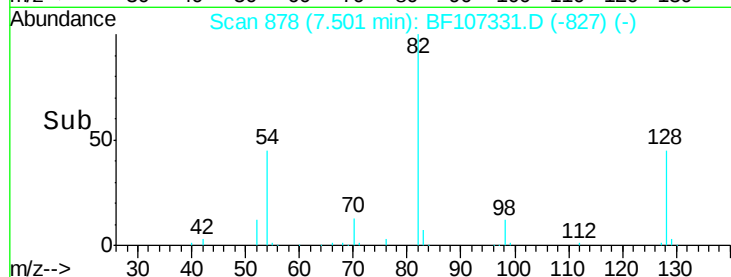
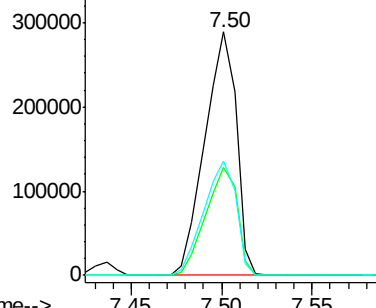
#23
 Nitrobenzene-d5
 Concen: 84.543 ng
 RT: 7.50 min Scan# 878
 Delta R.T. -0.00 min
 Lab File: BF107331.D
 Acq: 12 Jul 2018 11:51

Instrument :
 BNA_F
 ClientSampleId :
 PB110986BS

Tgt Ion: 82 Resp: 349621
 Ion Ratio Lower Upper
 82 100
 128 44.6 36.1 54.1
 54 47.1 41.4 62.2

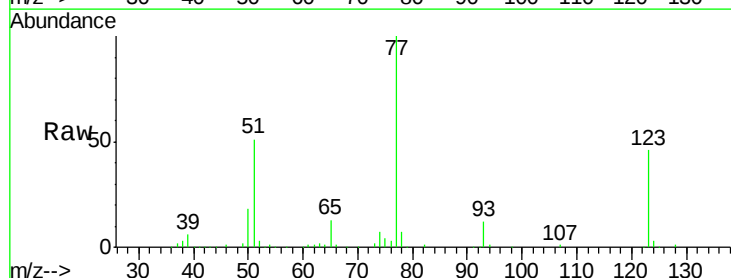


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

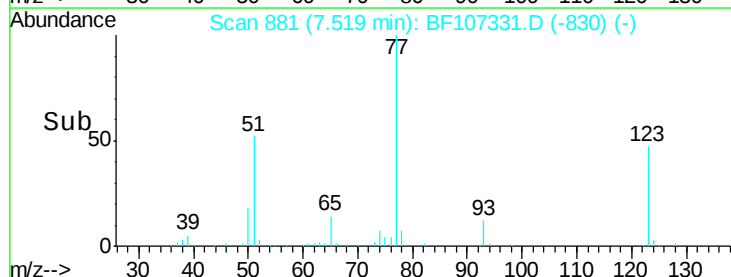
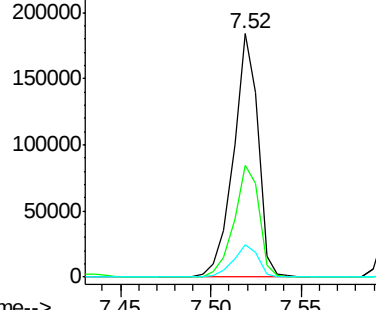


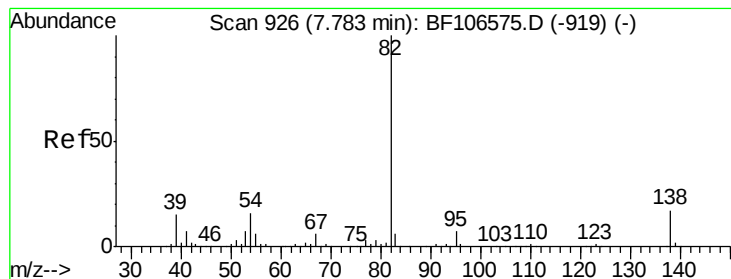
#24
 Nitrobenzene
 Concen: 41.171 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.00 min
 Lab File: BF107331.D
 Acq: 12 Jul 2018 11:51

Tgt Ion: 77 Resp: 173826
 Ion Ratio Lower Upper
 77 100
 123 46.1 37.9 56.9
 65 13.4 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: 44.017 ng

RT: 7.75 min Scan# 921

Delta R.T. -0.00 min

Lab File: BF107331.D

Acq: 12 Jul 2018 11:51

Instrument :

BNA_F

ClientSampleId :

PB110986BS

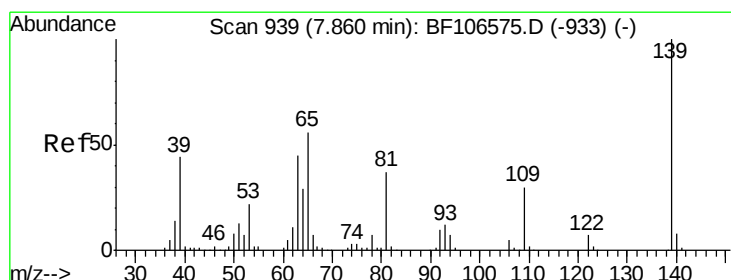
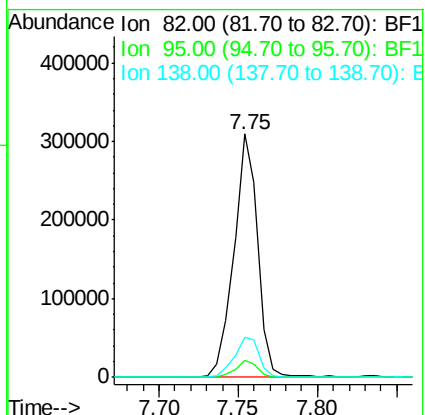
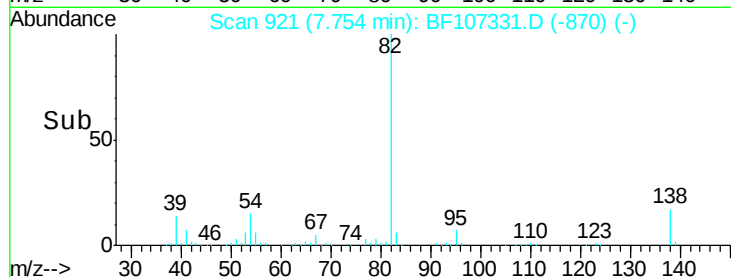
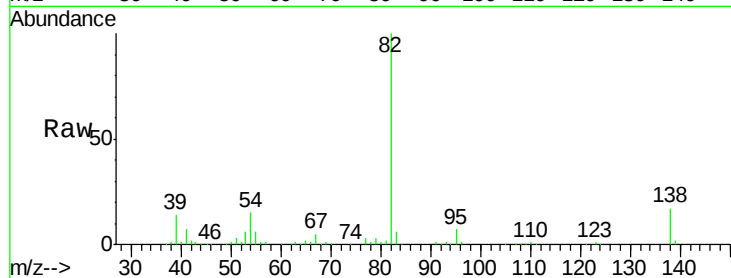
Tgt Ion: 82 Resp: 320759

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

138 16.7 14.9 22.3



#26

2-Nitrophenol

Concen: 46.583 ng

RT: 7.84 min Scan# 935

Delta R.T. -0.00 min

Lab File: BF107331.D

Acq: 12 Jul 2018 11:51

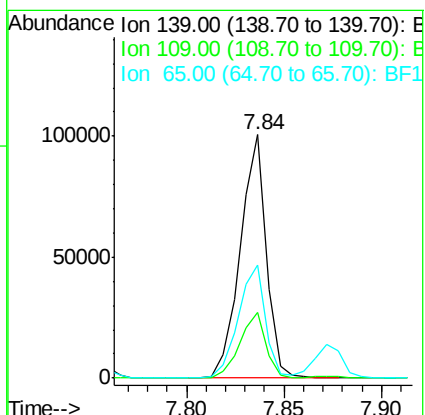
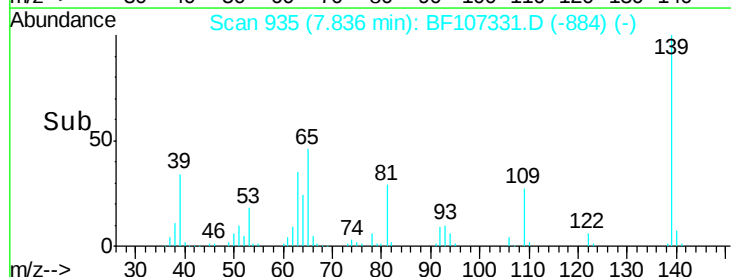
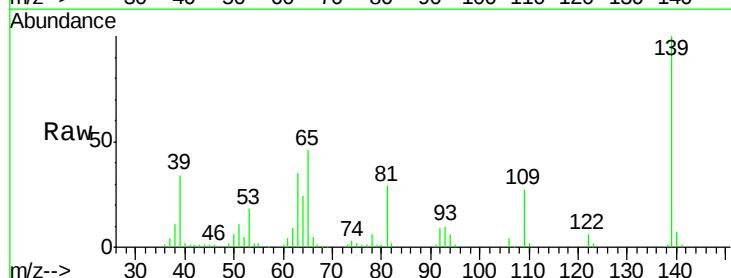
Tgt Ion: 139 Resp: 92846

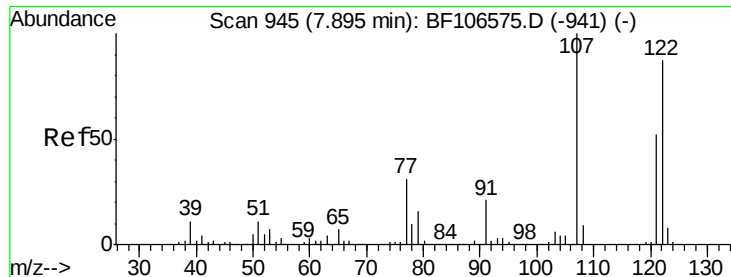
Ion Ratio Lower Upper

139 100

109 26.9 22.7 34.1

65 46.5 40.5 60.7

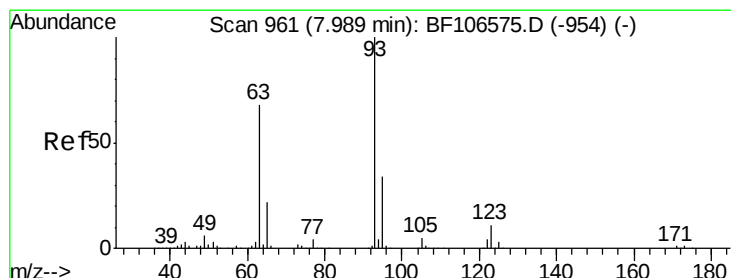
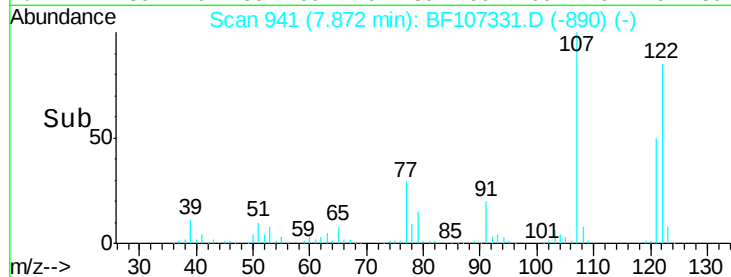
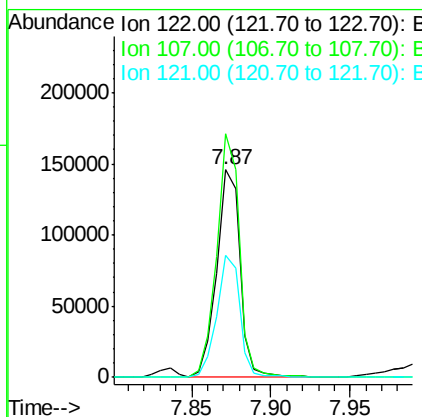
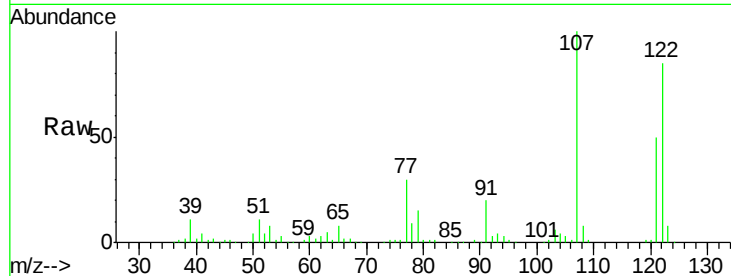




#27
 2,4-Dimethylphenol
 Concen: 48.366 ng
 RT: 7.87 min Scan# 941
 Delta R.T. -0.00 min
 Lab File: BF107331.D
 Acq: 12 Jul 2018 11:51

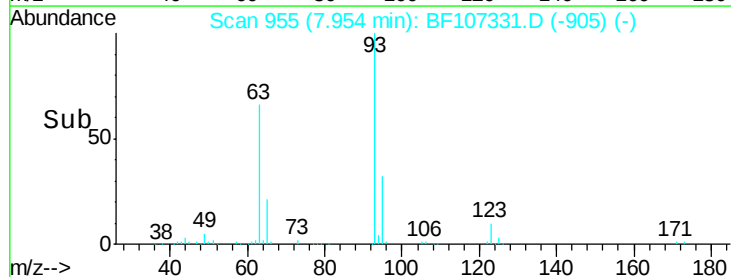
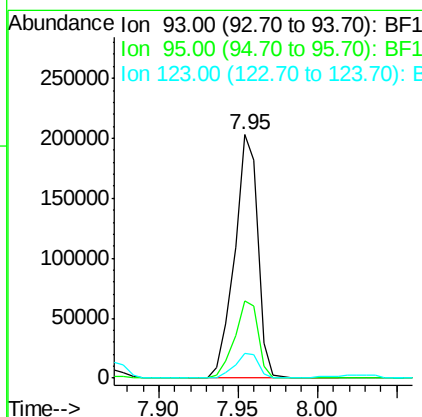
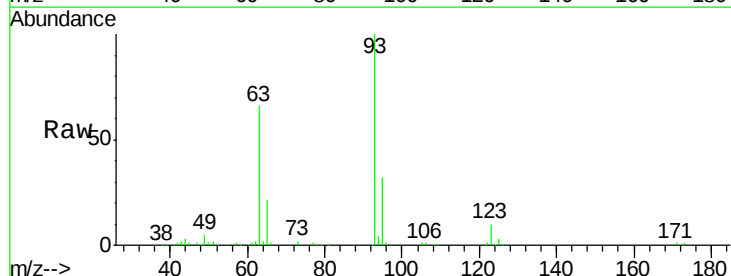
Instrument :
 BNA_F
 ClientSampleId :
 PB110986BS

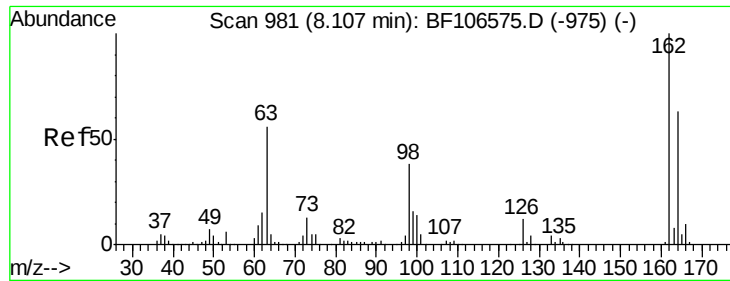
Tgt Ion: 122 Resp: 149000
 Ion Ratio Lower Upper
 122 100
 107 117.5 91.2 136.8
 121 59.1 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.098 ng
 RT: 7.95 min Scan# 955
 Delta R.T. -0.01 min
 Lab File: BF107331.D
 Acq: 12 Jul 2018 11:51

Tgt Ion: 93 Resp: 205975
 Ion Ratio Lower Upper
 93 100
 95 31.7 26.3 39.5
 123 10.1 9.8 14.6

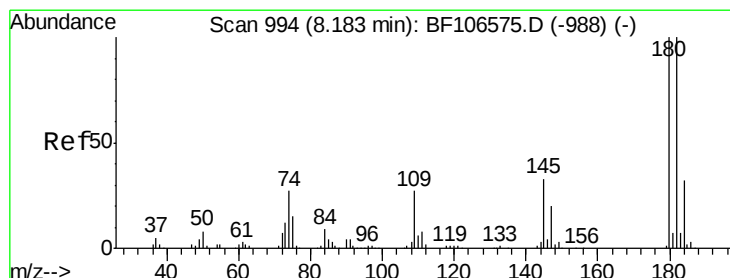
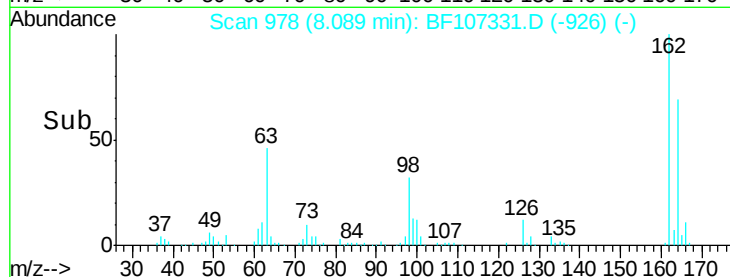
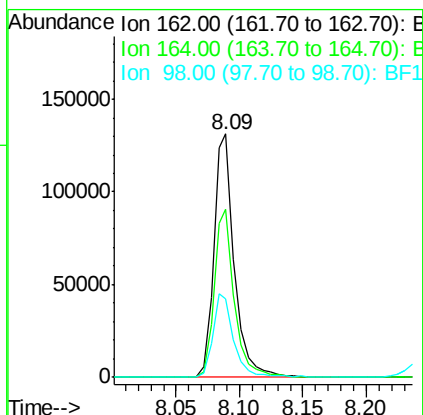
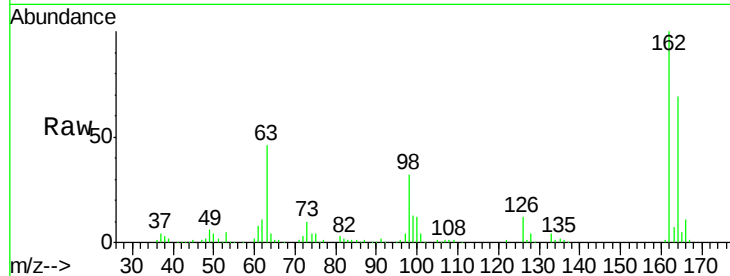




#29
2,4-Dichlorophenol
Concen: 46.079 ng
RT: 8.09 min Scan# 978
Delta R.T. 0.01 min
Lab File: BF107331.D
Acq: 12 Jul 2018 11:51

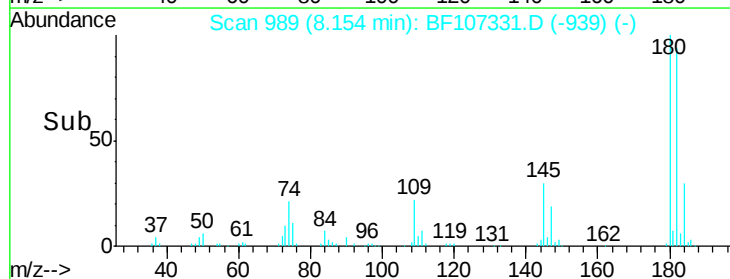
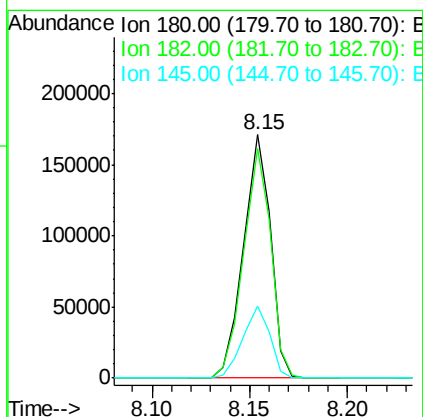
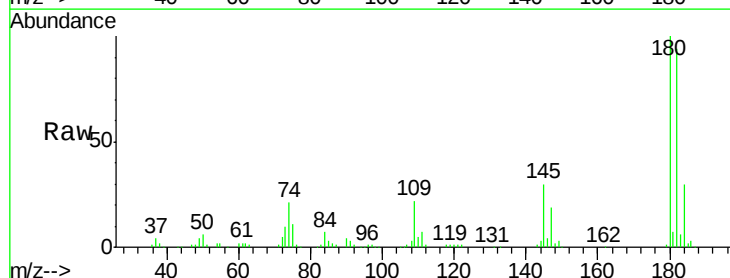
Instrument :
BNA_F
ClientSampleId :
PB110986BS

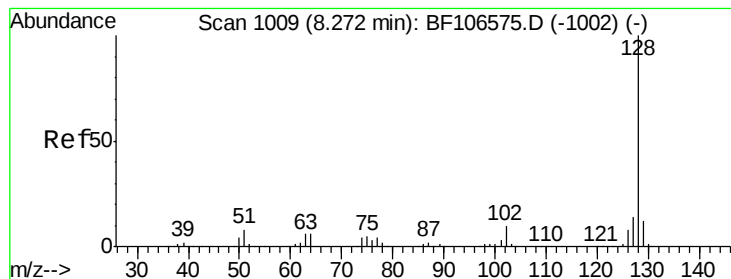
Tgt Ion	Ratio	Lower	Upper
162	100		
164	68.8	42.7	82.7
98	32.3	18.1	58.1



#30
1,2,4-Trichlorobenzene
Concen: 46.539 ng
RT: 8.15 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF107331.D
Acq: 12 Jul 2018 11:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	76.8	115.2
145	29.8	26.5	39.7





#31

Naphthalene

Concen: 43.639 ng

RT: 8.24 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF107331.D

Acq: 12 Jul 2018 11:51

Instrument :

BNA_F

ClientSampleId :

PB110986BS

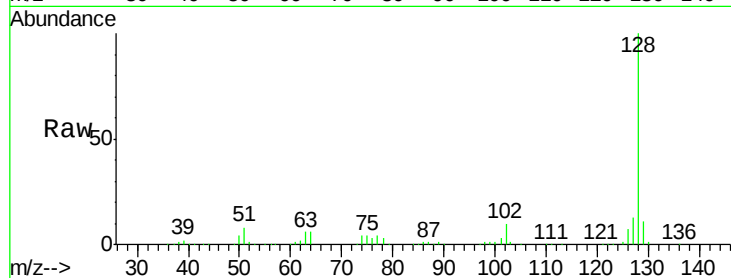
Tgt Ion:128 Resp: 468885

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

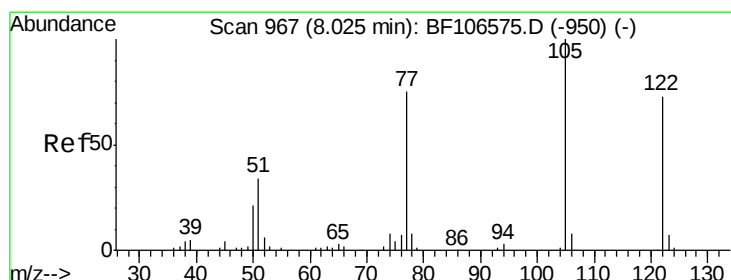
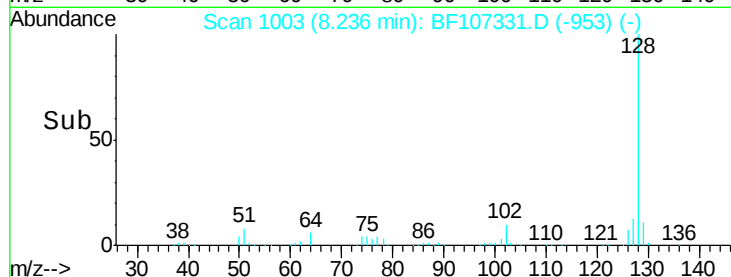
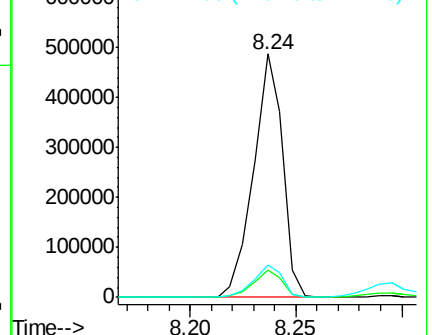
127 13.3 10.9 16.3



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: 36.452 ng

RT: 8.03 min Scan# 968

Delta R.T. 0.02 min

Lab File: BF107331.D

Acq: 12 Jul 2018 11:51

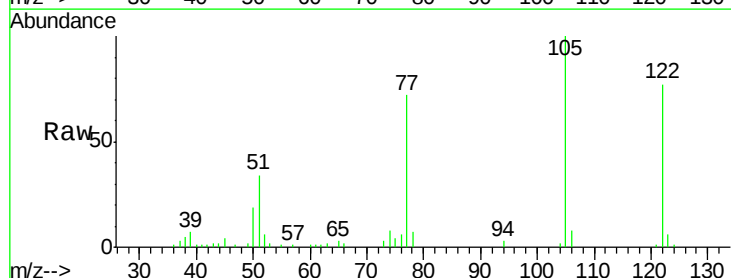
Tgt Ion:122 Resp: 78175

Ion Ratio Lower Upper

122 100

105 129.1 101.1 141.1

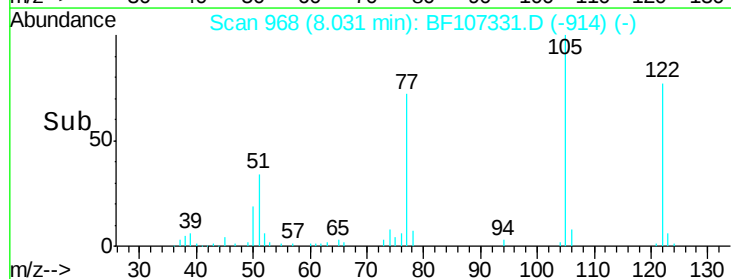
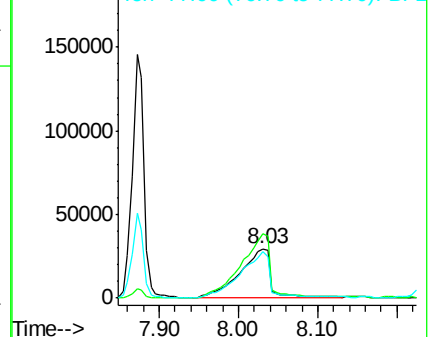
77 93.6 70.7 110.7

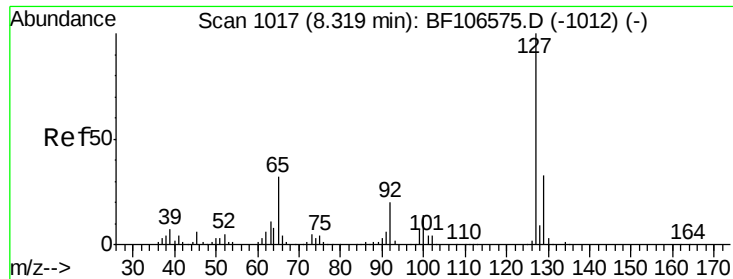


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

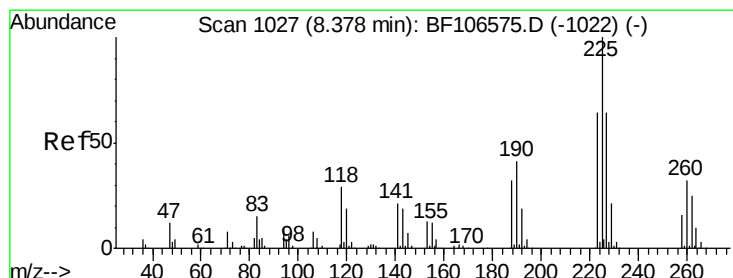
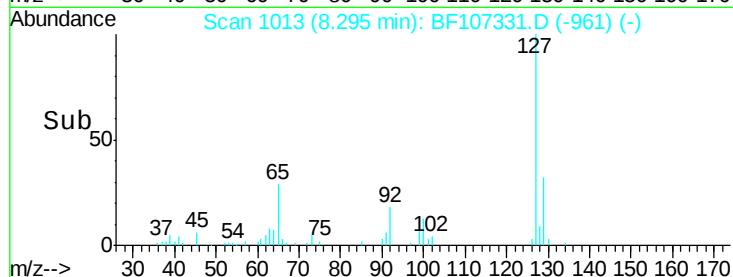
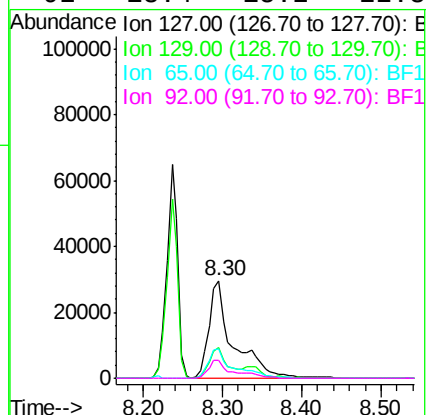
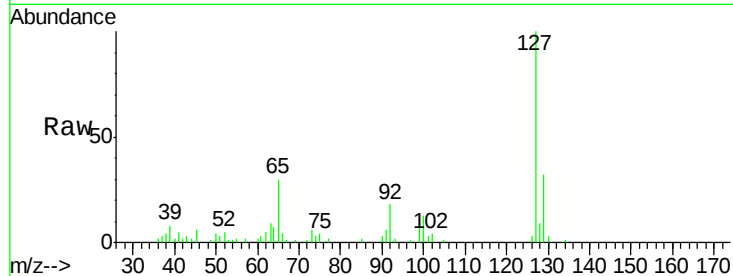




#33
4-Chloroaniline
Concen: 13.934 ng
RT: 8.30 min Scan# 1013
Delta R.T. 0.01 min
Lab File: BF107331.D
Acq: 12 Jul 2018 11:51

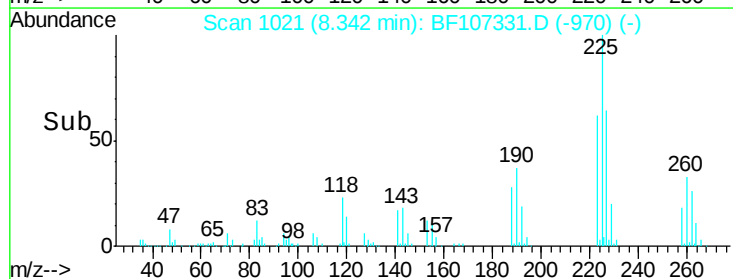
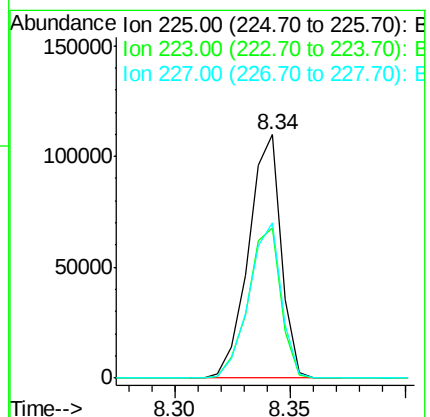
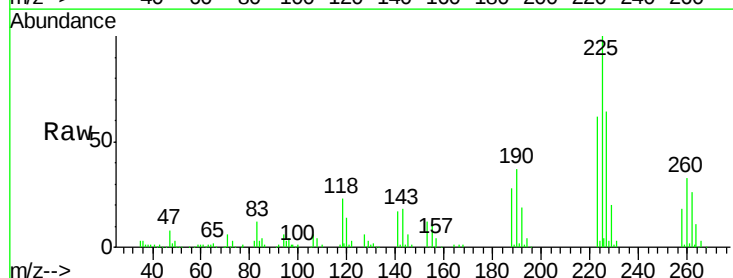
Instrument :
BNA_F
ClientSampleId :
PB110986BS

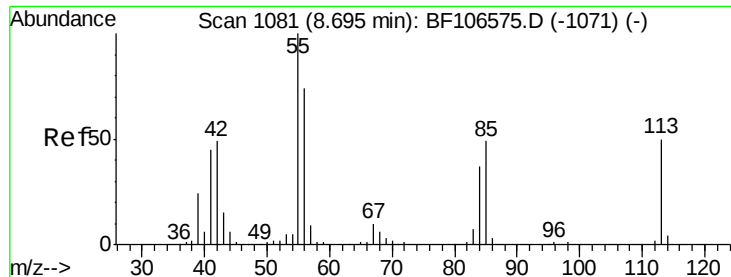
Tgt Ion:	127	Resp:	62819
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.9	38.9
65	30.0	25.0	37.4
92	18.4	15.2	22.8



#34
Hexachlorobutadiene
Concen: 46.724 ng
RT: 8.34 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF107331.D
Acq: 12 Jul 2018 11:51

Tgt Ion:	225	Resp:	108172
Ion	Ratio	Lower	Upper
225	100		
223	61.8	50.6	76.0
227	63.7	51.9	77.9

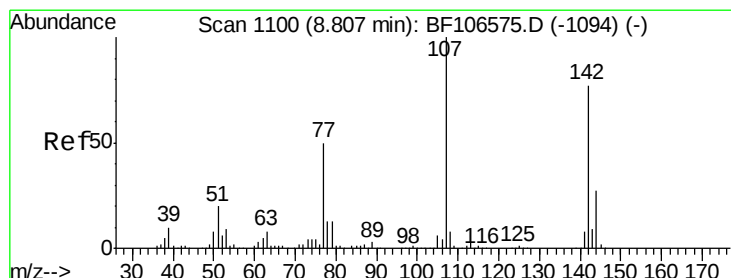
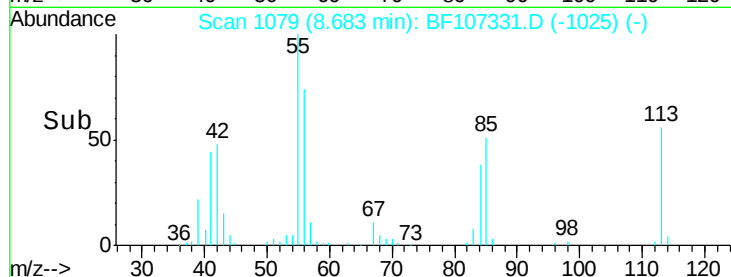
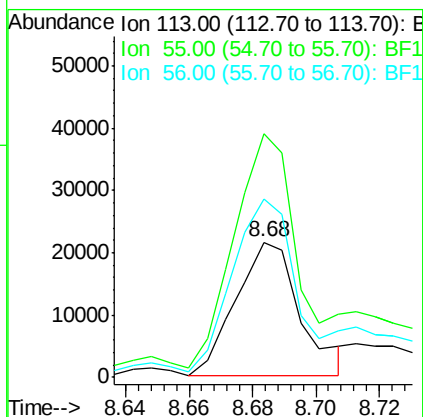
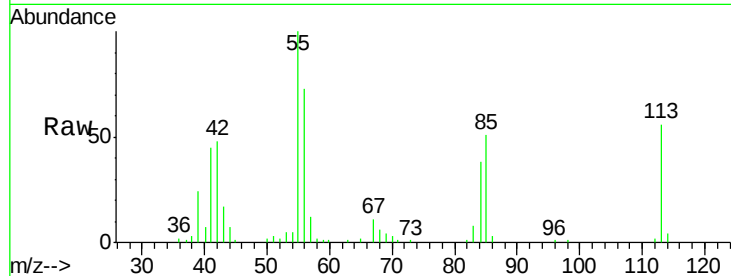




#35
 Caprolactam
 Concen: 28.399 ng
 RT: 8.68 min Scan# 1079
 Delta R.T. 0.02 min
 Lab File: BF107331.D
 Acq: 12 Jul 2018 11:51

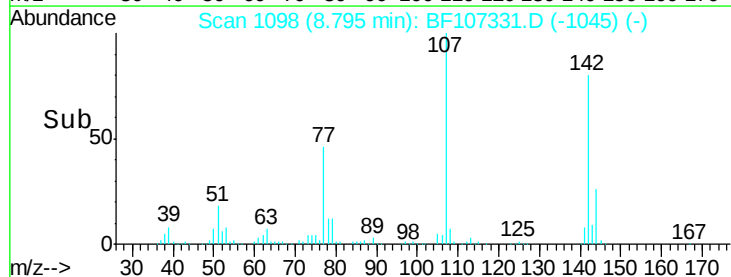
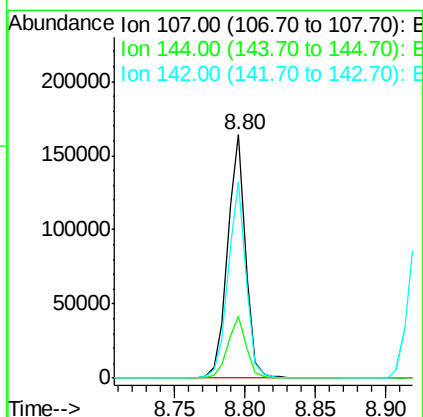
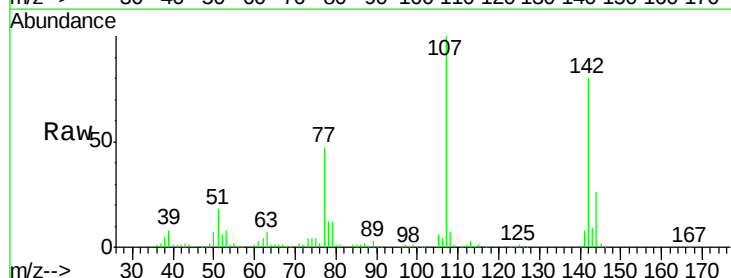
Instrument :
 BNA_F
 ClientSampleId :
 PB110986BS

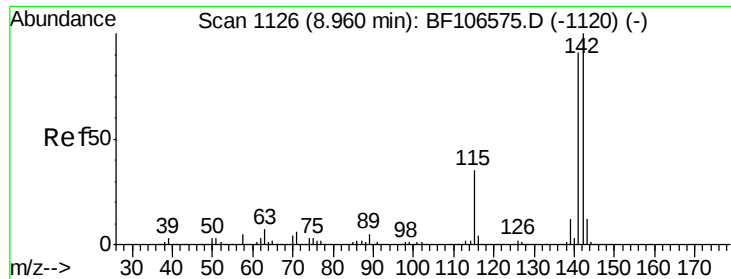
Tgt Ion:113 Resp: 29857
 Ion Ratio Lower Upper
 113 100
 55 180.1 163.3 203.3
 56 131.7 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 42.725 ng
 RT: 8.80 min Scan# 1098
 Delta R.T. 0.01 min
 Lab File: BF107331.D
 Acq: 12 Jul 2018 11:51

Tgt Ion:107 Resp: 145044
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.5 30.7
 142 80.4 62.0 93.0

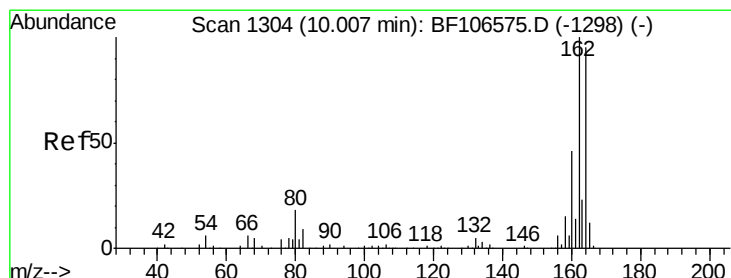
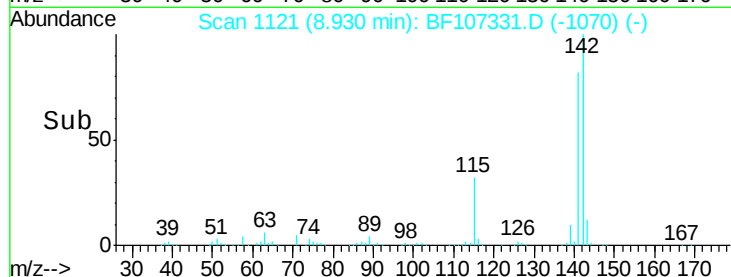
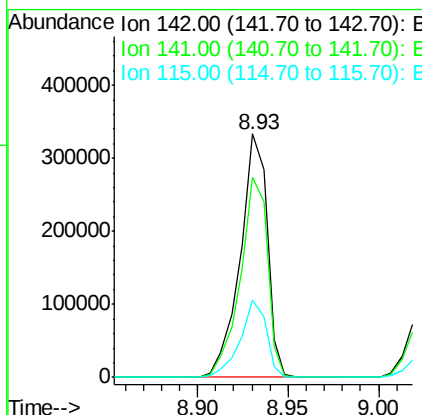
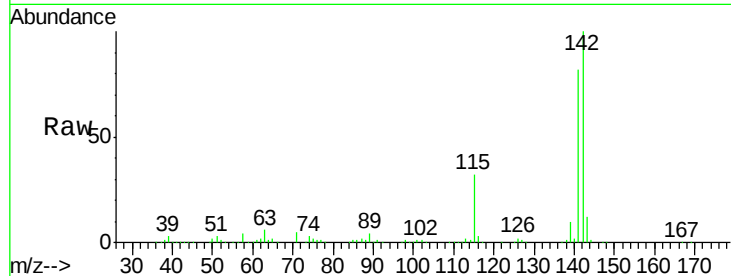




#37
 2-Methylnaphthalene
 Concen: 48.622 ng
 RT: 8.93 min Scan# 1121
 Delta R.T. -0.00 min
 Lab File: BF107331.D
 Acq: 12 Jul 2018 11:51

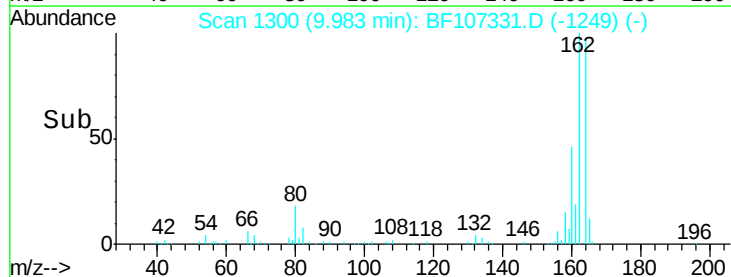
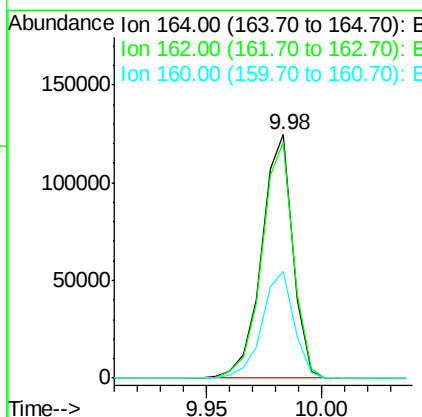
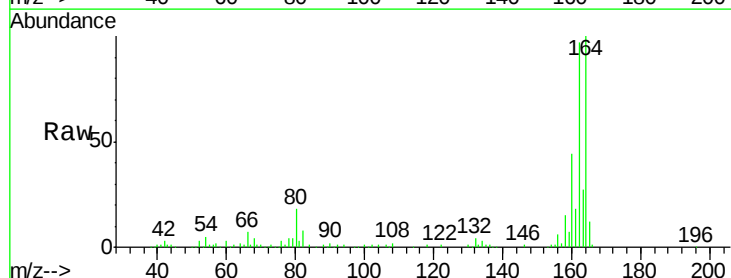
Instrument :
 BNA_F
 ClientSampleId :
 PB110986BS

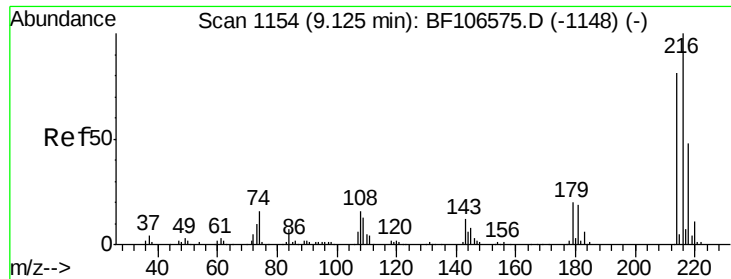
Tgt Ion	Ratio	Lower	Upper
142	100		
141	82.1	70.8	106.2
115	31.5	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1300
 Delta R.T. -0.00 min
 Lab File: BF107331.D
 Acq: 12 Jul 2018 11:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.8	86.1	129.1
160	44.0	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.811 ng

RT: 9.10 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BF107331.D

Acq: 12 Jul 2018 11:51

Instrument :

BNA_F

ClientSampleId :

PB110986BS

Tgt Ion:216 Resp: 180496

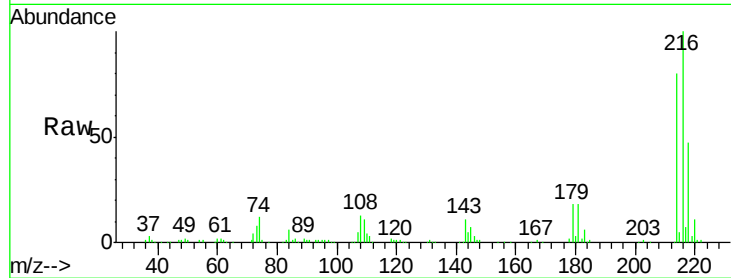
Ion Ratio Lower Upper

216 100

214 79.9 63.0 94.4

179 18.9 18.1 27.1

108 15.4 17.2 25.8#

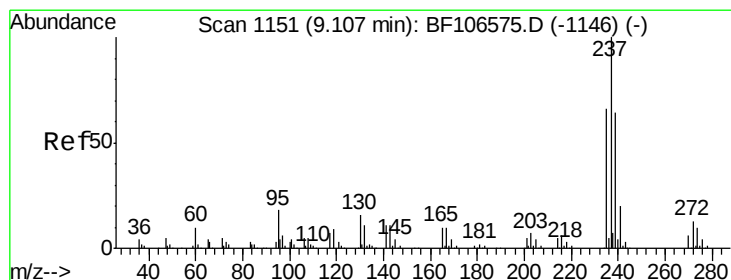
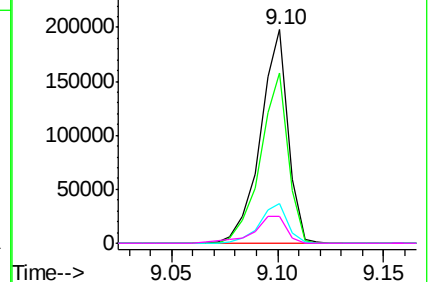
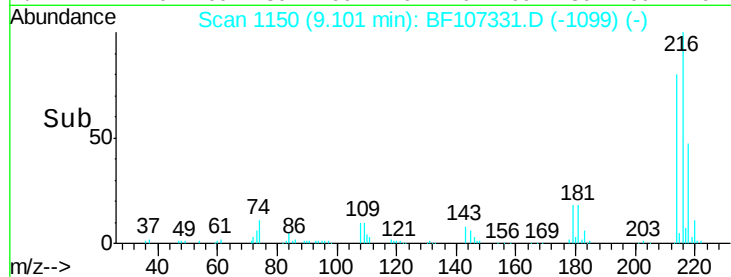


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 36.992 ng

RT: 9.08 min Scan# 1146

Delta R.T. -0.00 min

Lab File: BF107331.D

Acq: 12 Jul 2018 11:51

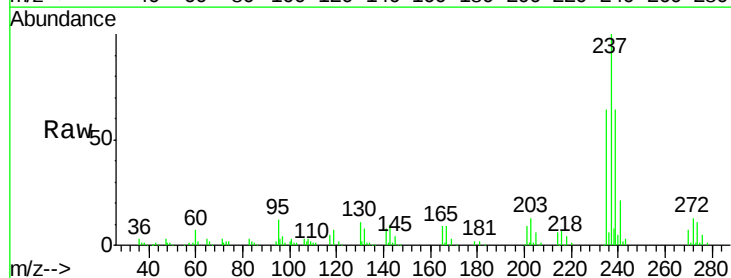
Tgt Ion:237 Resp: 74988

Ion Ratio Lower Upper

237 100

235 64.2 44.8 84.8

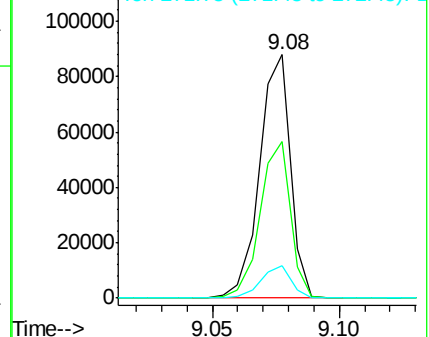
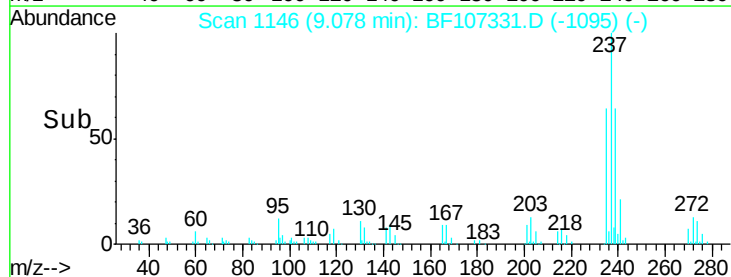
272 13.5 0.0 33.3

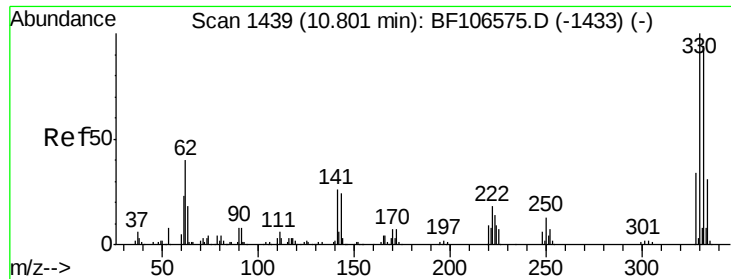


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

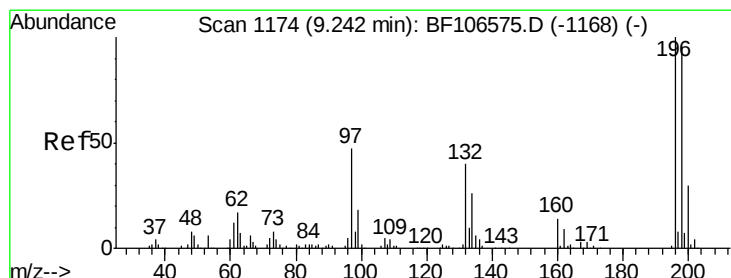
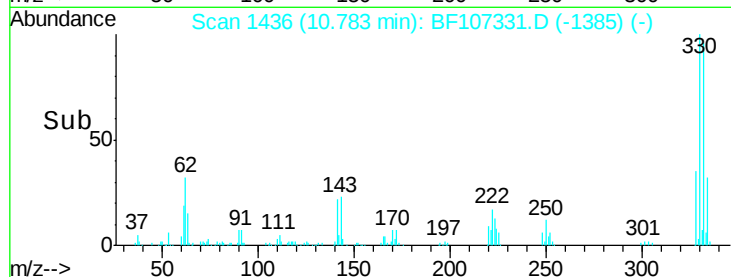
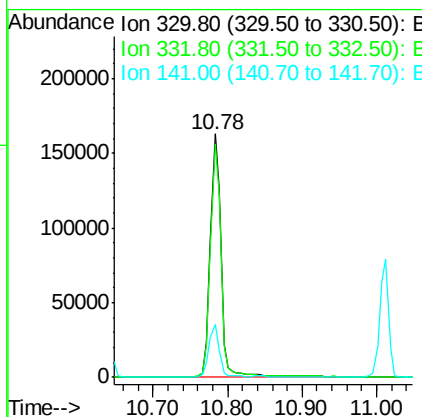
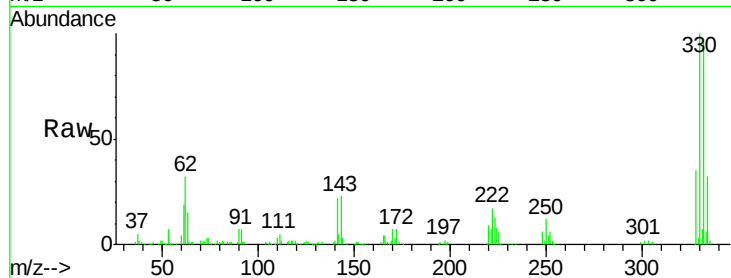




#41
 2,4,6-Tribromophenol
 Concen: 122.621 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. -0.00 min
 Lab File: BF107331.D
 Acq: 12 Jul 2018 11:51

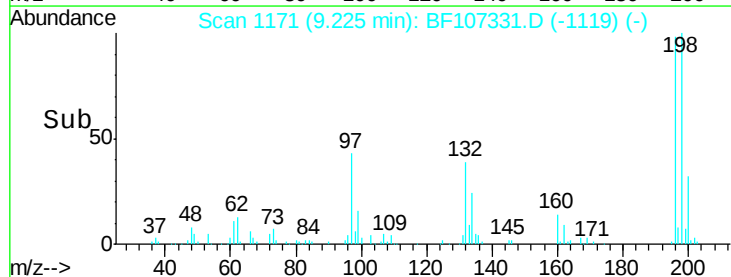
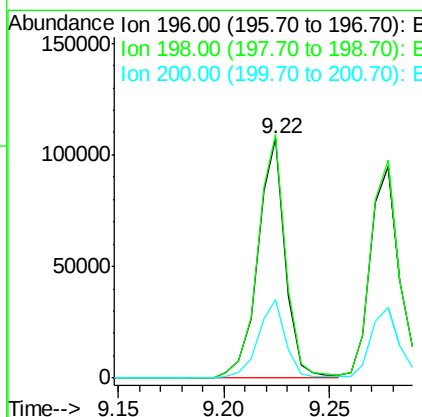
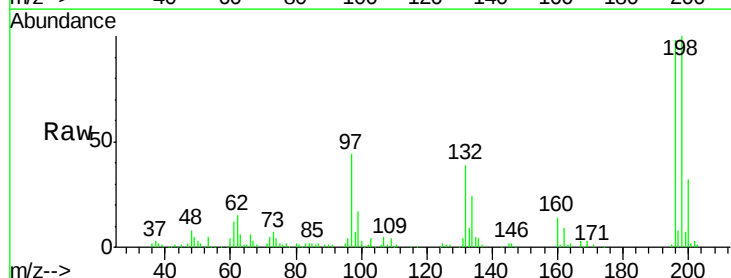
Instrument :
 BNA_F
 ClientSampleId :
 PB110986BS

Tgt Ion:330 Resp: 166274
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 21.3 29.9 44.9#



#42
 2,4,6-Trichlorophenol
 Concen: 37.282 ng
 RT: 9.22 min Scan# 1171
 Delta R.T. 0.01 min
 Lab File: BF107331.D
 Acq: 12 Jul 2018 11:51

Tgt Ion:196 Resp: 97642
 Ion Ratio Lower Upper
 196 100
 198 101.7 75.7 113.5
 200 32.9 24.5 36.7

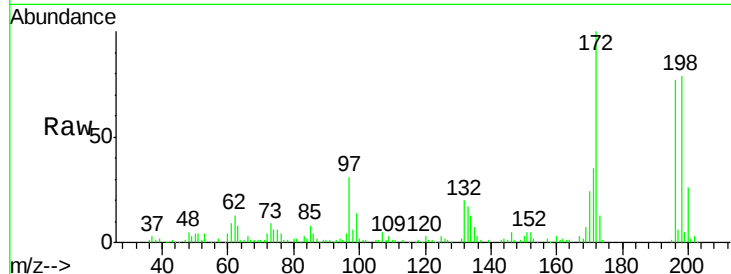




#43
 2,4,5-Trichlorophenol
 Concen: 34.022 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. 0.01 min
 Lab File: BF107331.D
 Acq: 12 Jul 2018 11:51

Instrument :
 BNA_F
 ClientSampleId :
 PB110986BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	102.8	74.6	112.0
97	40.7	42.9	64.3#
132	25.5	26.3	39.5#



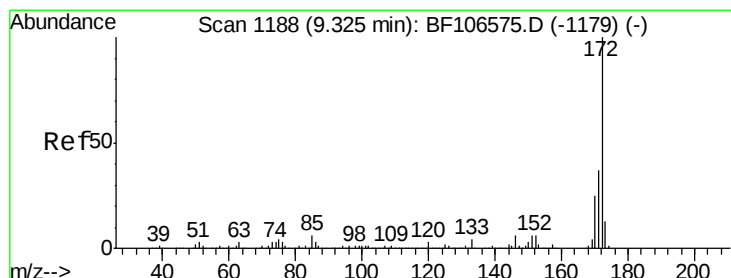
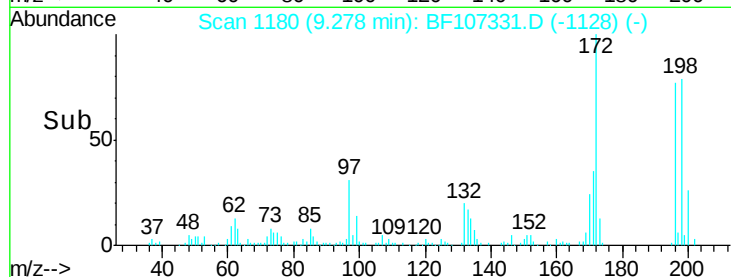
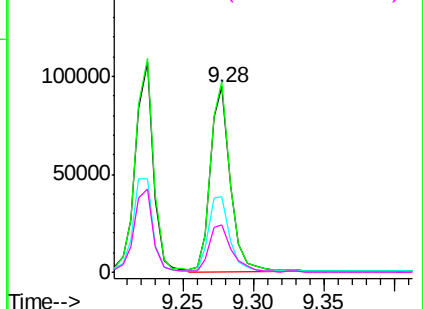
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

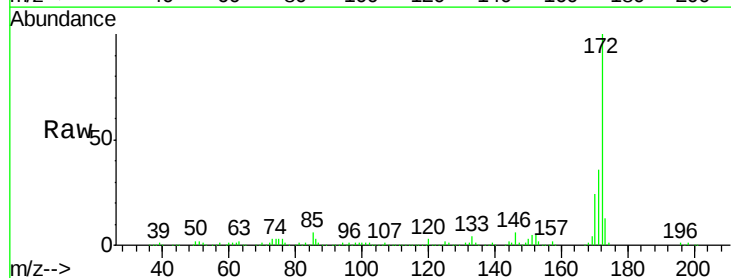
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 93.788 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BF107331.D
 Acq: 12 Jul 2018 11:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.3	19.6	29.4

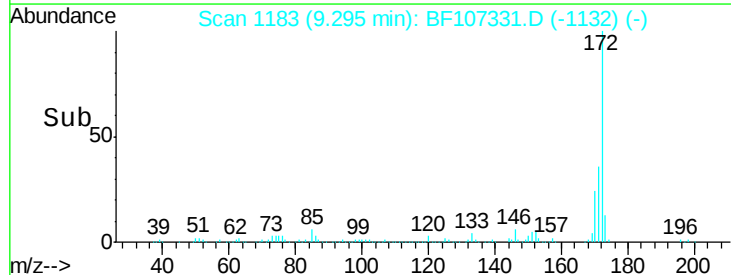
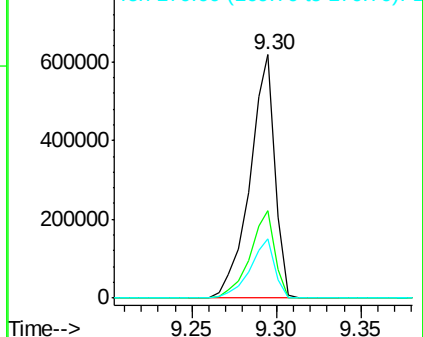


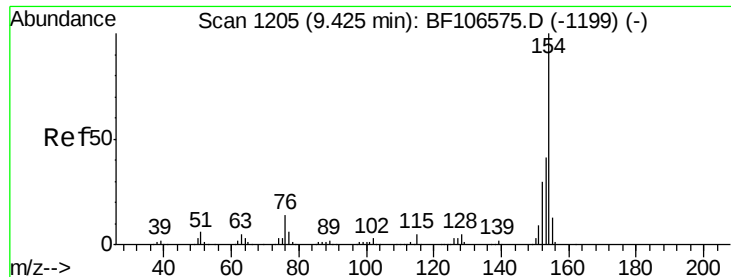
Abundance

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

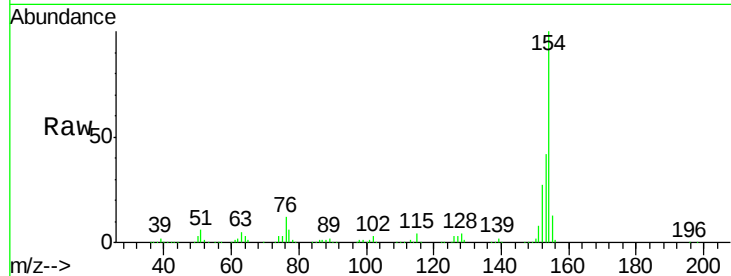




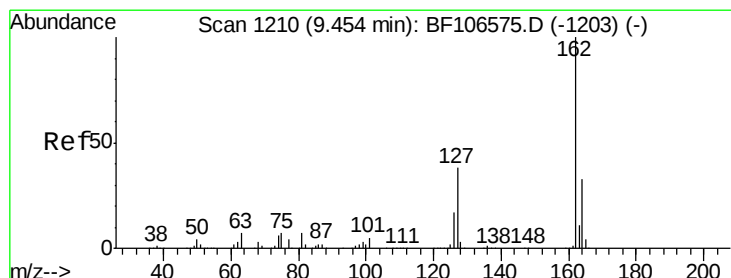
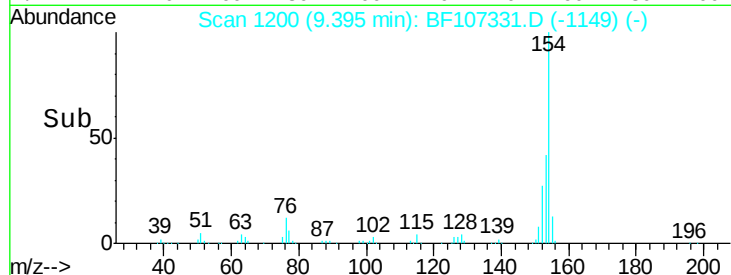
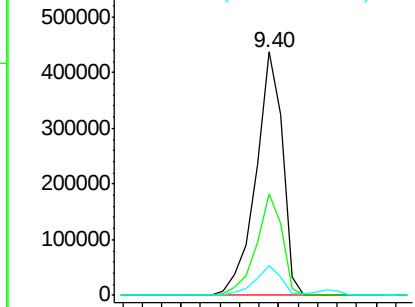
#45
 1,1'-Biphenyl
 Concen: 44.207 ng
 RT: 9.40 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF107331.D
 Acq: 12 Jul 2018 11:51

Instrument :
 BNA_F
 ClientSampleId :
 PB110986BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	21.3	61.3
76	12.3	0.0	34.0

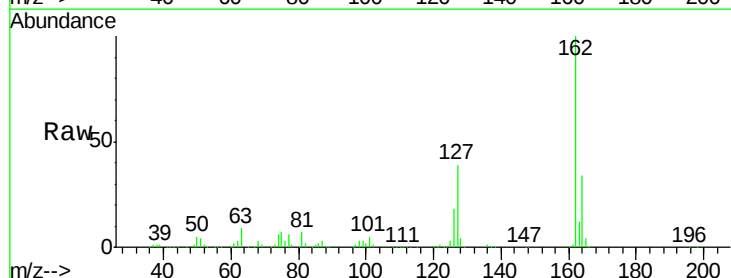


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

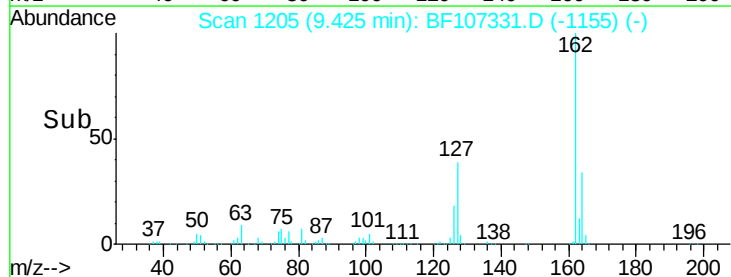
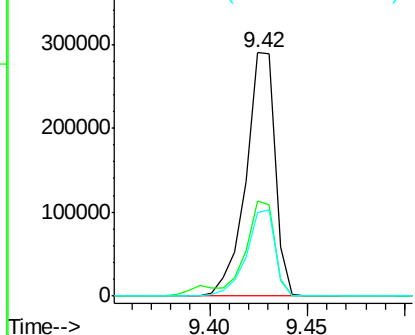


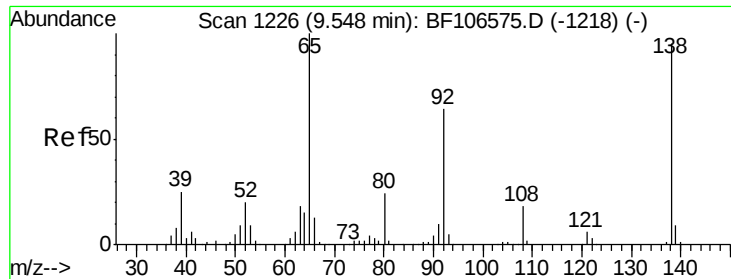
#46
 2-Chloronaphthalene
 Concen: 41.024 ng
 RT: 9.42 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF107331.D
 Acq: 12 Jul 2018 11:51

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.2	33.9	50.9
164	34.3	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

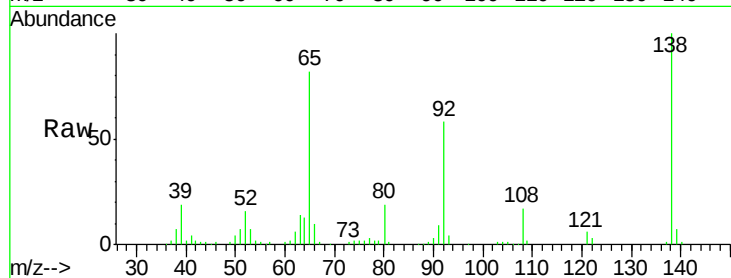




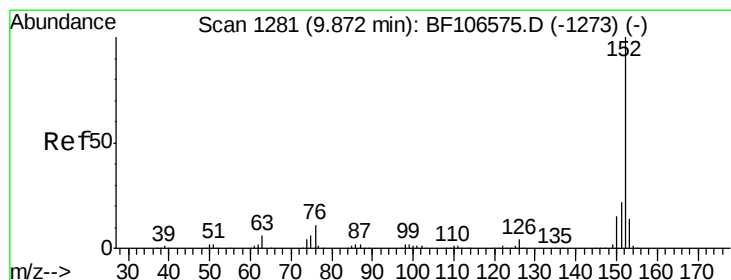
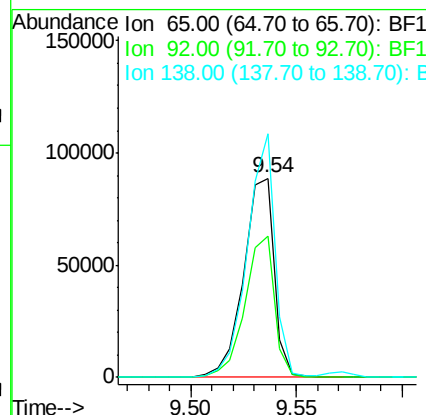
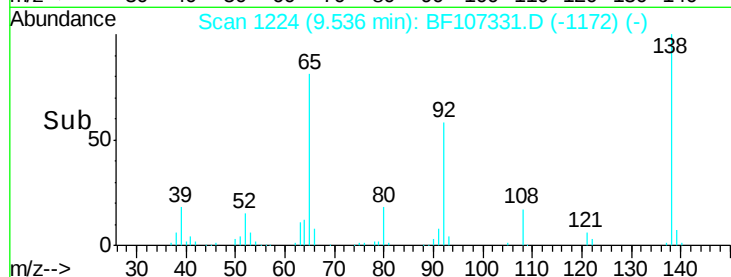
#47
2-Nitroaniline
Concen: 36.158 ng
RT: 9.54 min Scan# 1224
Delta R.T. 0.01 min
Lab File: BF107331.D
Acq: 12 Jul 2018 11:51

Instrument :
BNA_F
ClientSampleId :
PB110986BS

Tgt Ion: 65 Resp: 89236
Ion Ratio Lower Upper
65 100
92 70.7 55.8 83.6
138 122.4 91.2 136.8

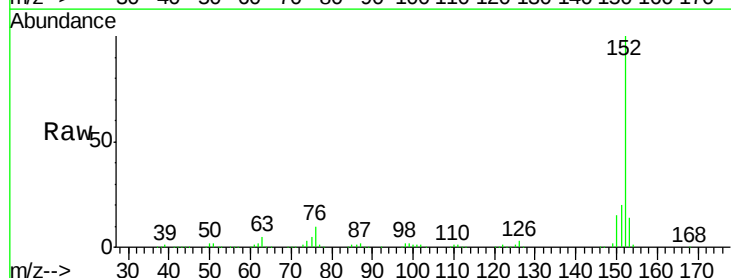


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

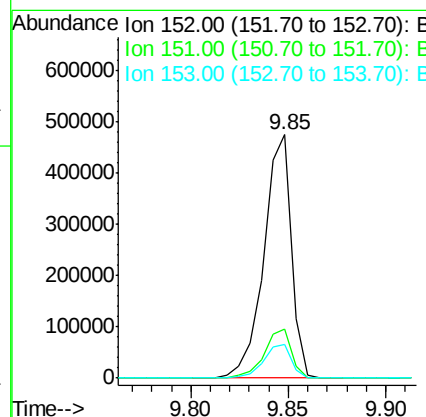
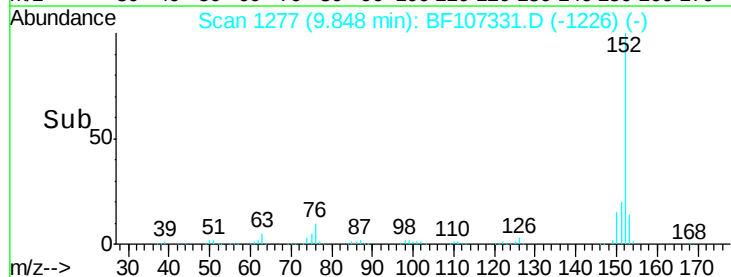


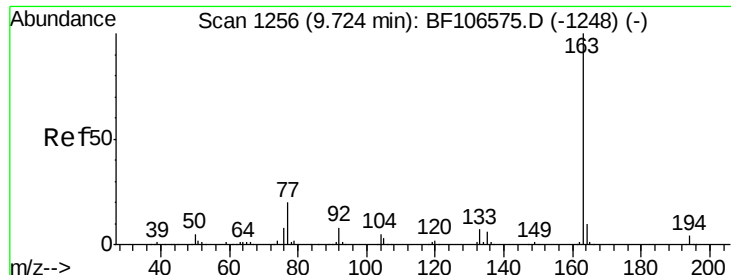
#48
Acenaphthylene
Concen: 40.009 ng
RT: 9.85 min Scan# 1277
Delta R.T. -0.00 min
Lab File: BF107331.D
Acq: 12 Jul 2018 11:51

Tgt Ion: 152 Resp: 463595
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 13.8 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): BF1
Ion 151.00 (150.70 to 151.70): BF1
Ion 153.00 (152.70 to 153.70): BF1

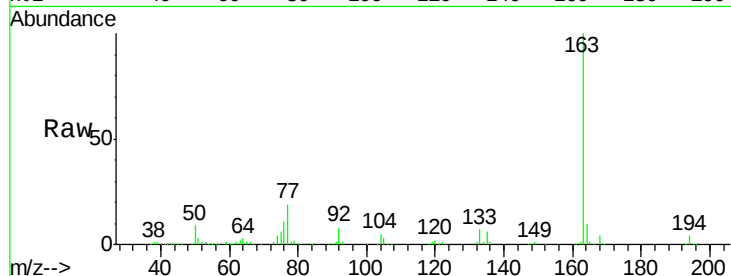




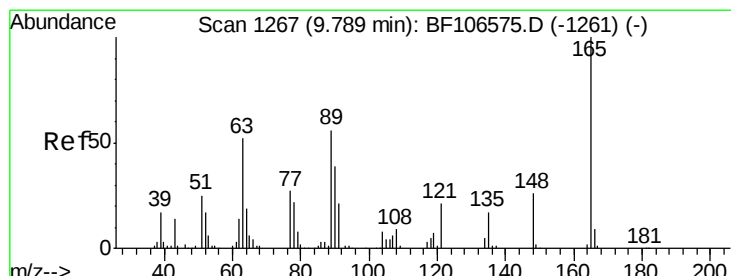
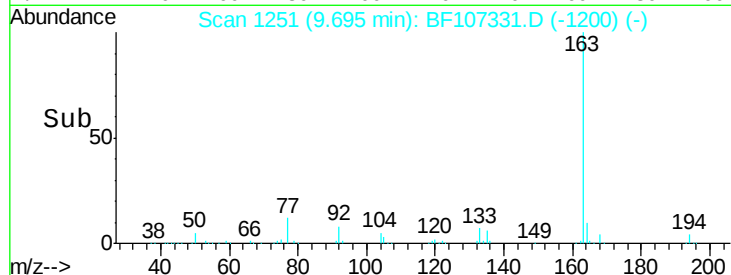
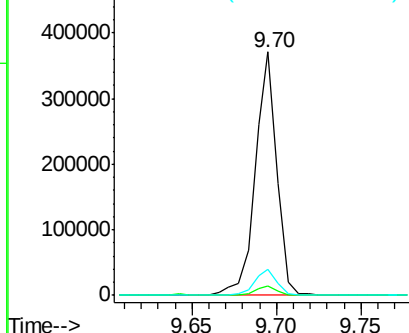
#49
Dimethylphthalate
Concen: 37.457 ng
RT: 9.70 min Scan# 1251
Delta R.T. -0.00 min
Lab File: BF107331.D
Acq: 12 Jul 2018 11:51

Instrument :
BNA_F
ClientSampleId :
PB110986BS

Tgt Ion:163 Resp: 328680
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.5 8.2 12.2

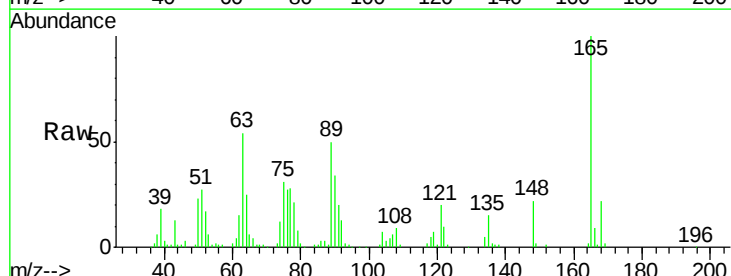


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

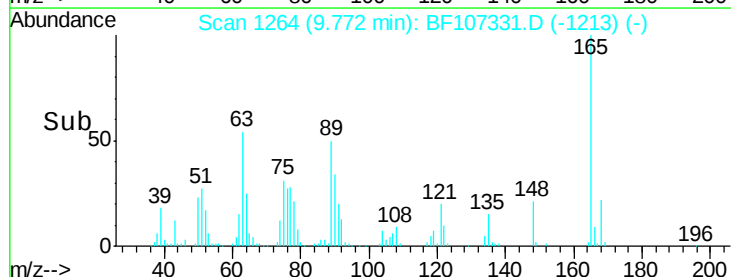
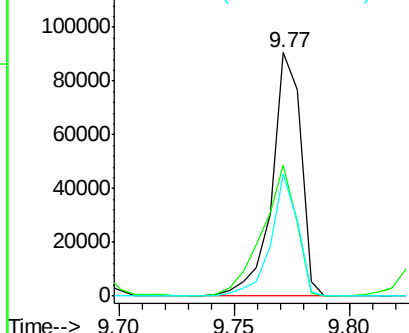


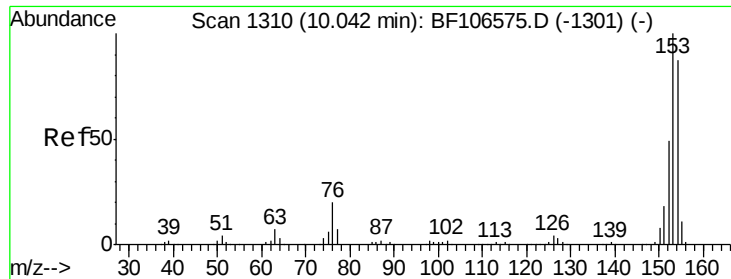
#50
2,6-Dinitrotoluene
Concen: 42.047 ng
RT: 9.77 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BF107331.D
Acq: 12 Jul 2018 11:51

Tgt Ion:165 Resp: 78127
Ion Ratio Lower Upper
165 100
63 53.8 44.7 67.1
89 50.2 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: 39.001 ng

RT: 10.02 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BF107331.D

Acq: 12 Jul 2018 11:51

Instrument :

BNA_F

ClientSampleId :

PB110986BS

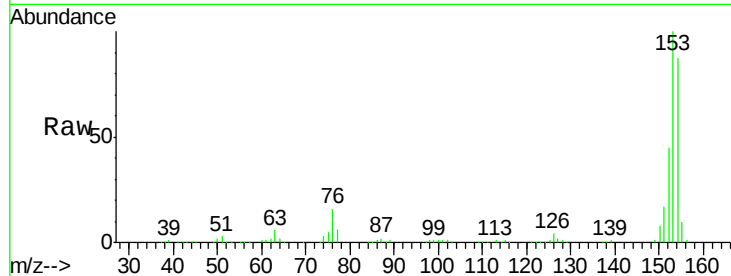
Tgt Ion:154 Resp: 284572

Ion Ratio Lower Upper

154 100

153 115.6 91.2 136.8

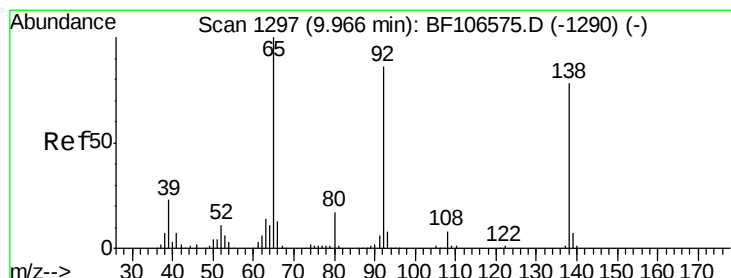
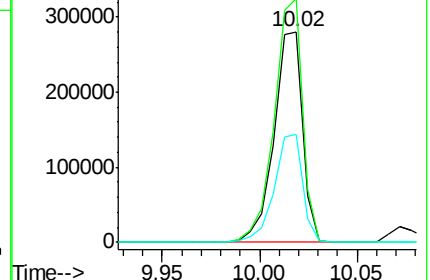
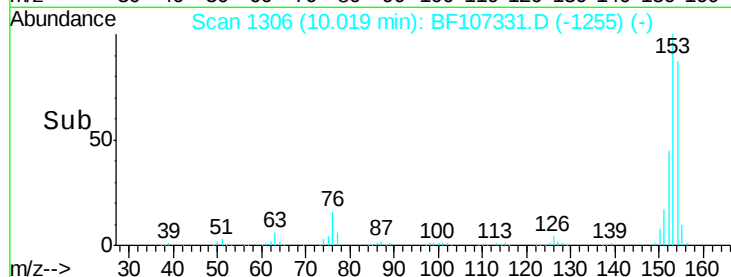
152 51.5 43.8 65.8



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: 20.526 ng

RT: 9.95 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BF107331.D

Acq: 12 Jul 2018 11:51

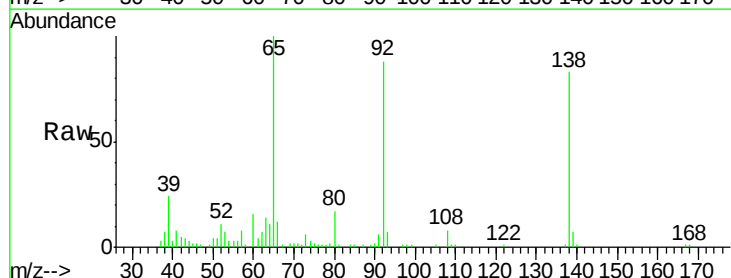
Tgt Ion:138 Resp: 43887

Ion Ratio Lower Upper

138 100

108 10.2 9.4 14.0

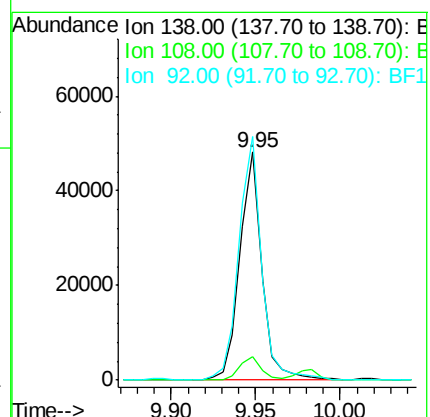
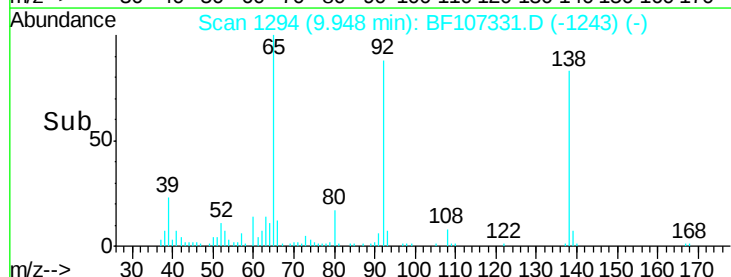
92 106.8 89.4 134.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

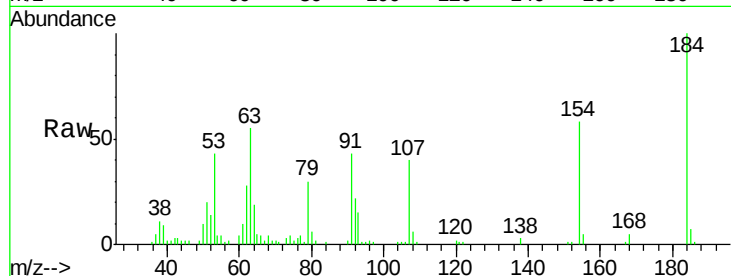




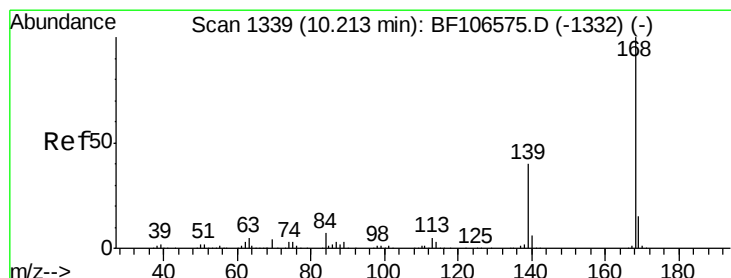
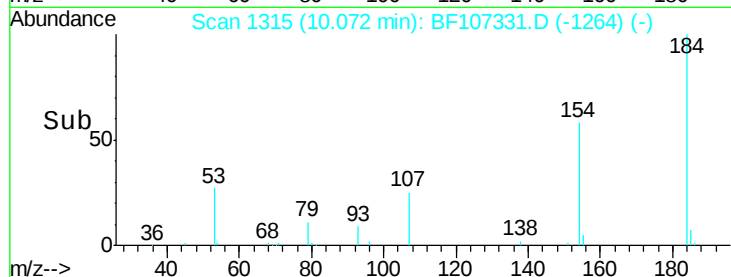
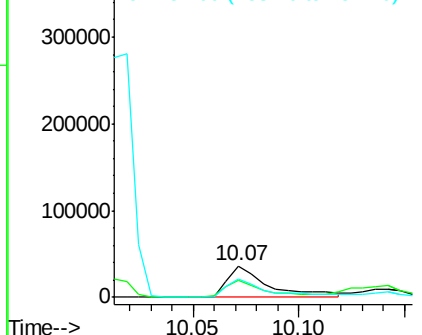
#53
2,4-Dinitrophenol
Concen: 52.137 ng
RT: 10.07 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BF107331.D
Acq: 12 Jul 2018 11:51

Instrument :
BNA_F
ClientSampleId :
PB110986BS

Tgt Ion:184 Resp: 48438
Ion Ratio Lower Upper
184 100
63 54.7 54.2 81.2
154 58.2 184.0 276.0#

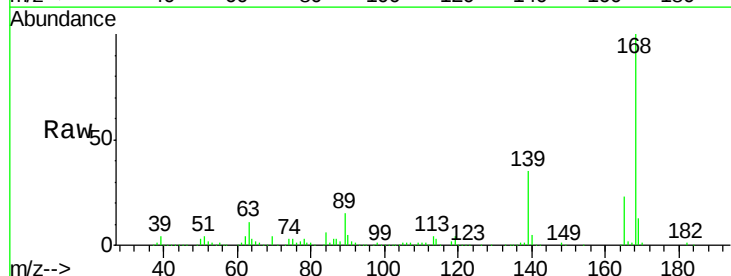


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

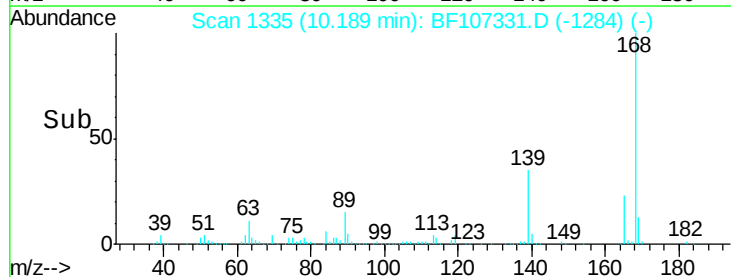
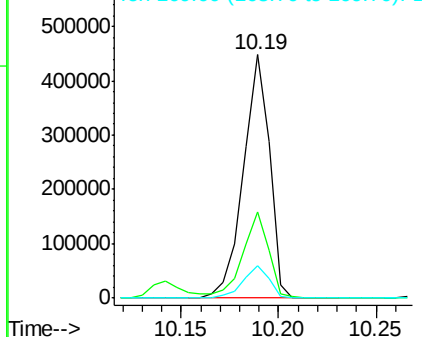


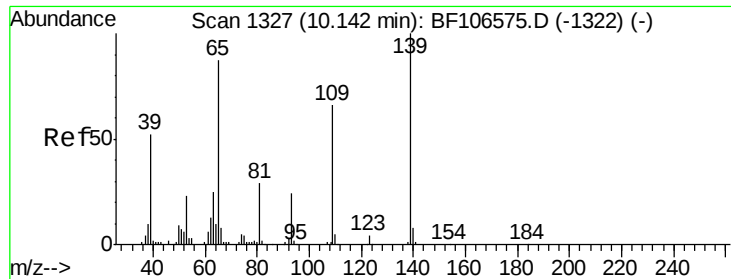
#54
Dibenzofuran
Concen: 41.681 ng
RT: 10.19 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BF107331.D
Acq: 12 Jul 2018 11:51

Tgt Ion:168 Resp: 416451
Ion Ratio Lower Upper
168 100
139 35.3 30.1 45.1
169 13.1 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

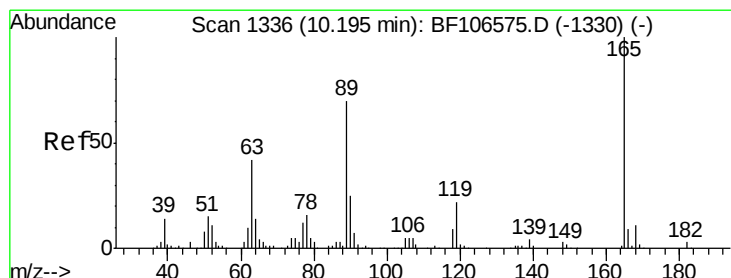
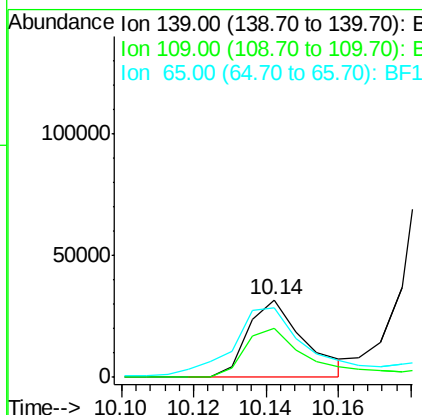
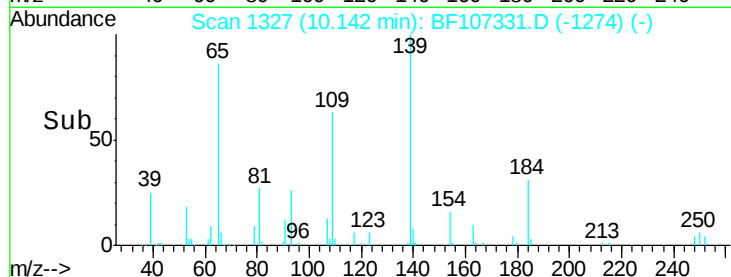
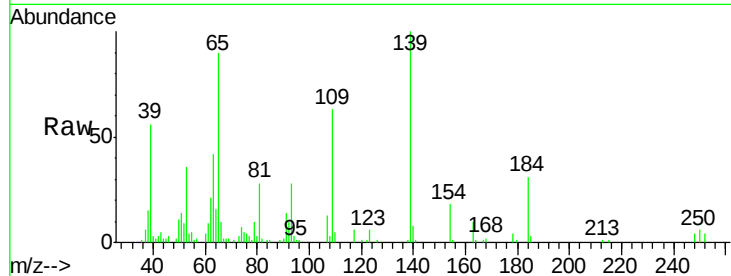




#55
4-Nitrophenol
Concen: 22.935 ng
RT: 10.14 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF107331.D
Acq: 12 Jul 2018 11:51

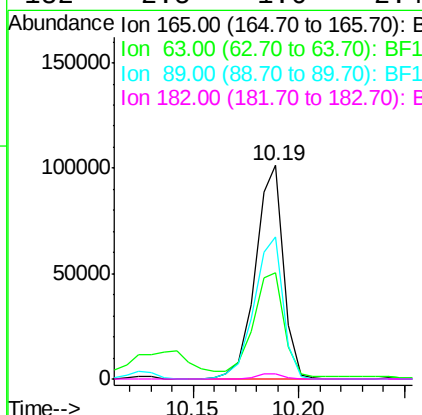
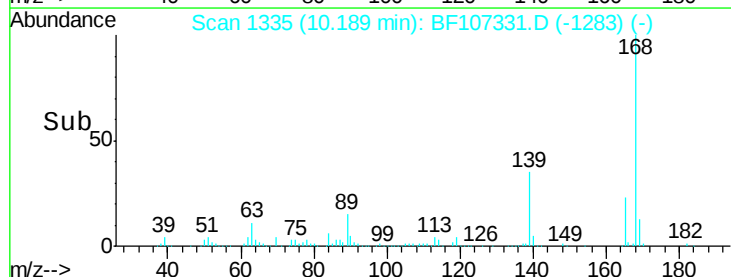
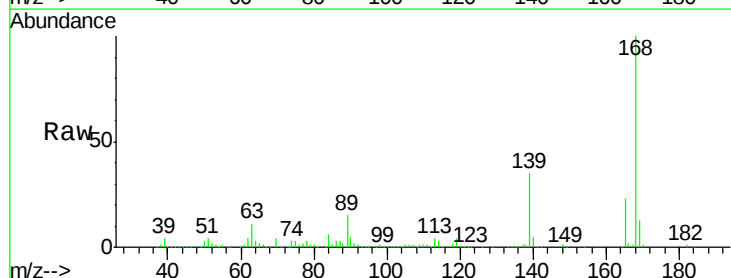
Instrument :
BNA_F
ClientSampleId :
PB110986BS

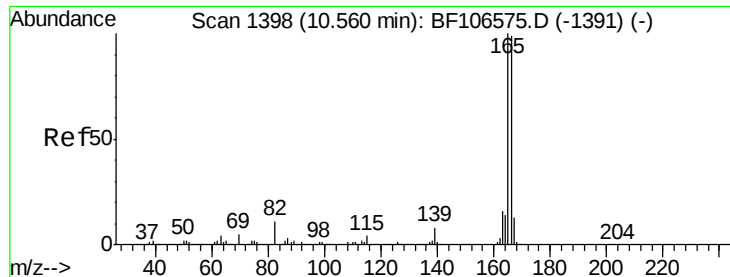
Tgt Ion:139 Resp: 34230
Ion Ratio Lower Upper
139 100
109 62.8 48.4 88.4
65 90.2 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 38.410 ng
RT: 10.19 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF107331.D
Acq: 12 Jul 2018 11:51

Tgt Ion:165 Resp: 93157
Ion Ratio Lower Upper
165 100
63 49.9 36.4 54.6
89 66.6 57.8 86.6
182 2.5 1.6 2.4#

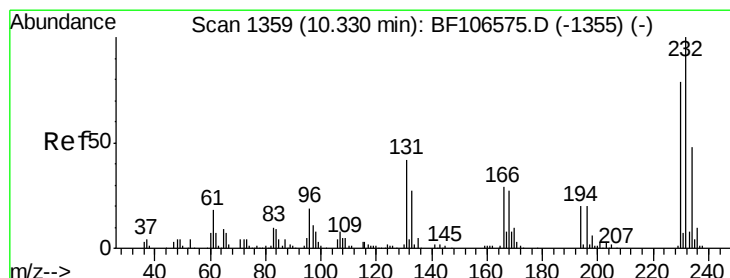
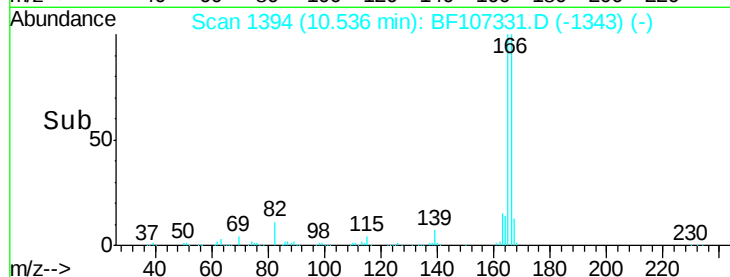
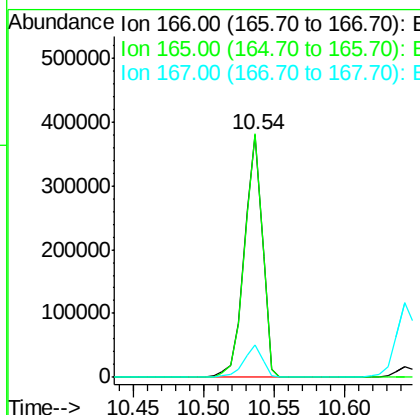
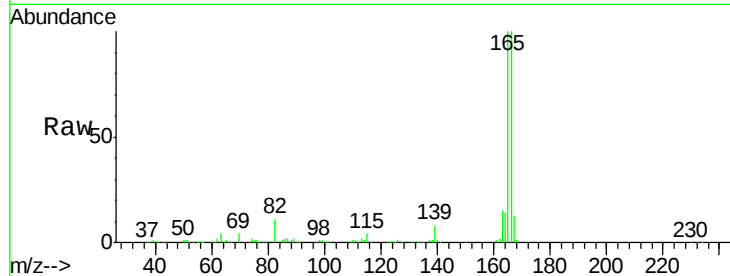




#57
 Fluorene
 Concen: 42.544 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.00 min
 Lab File: BF107331.D
 Acq: 12 Jul 2018 11:51

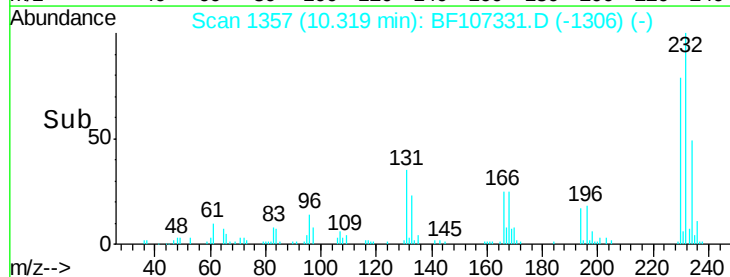
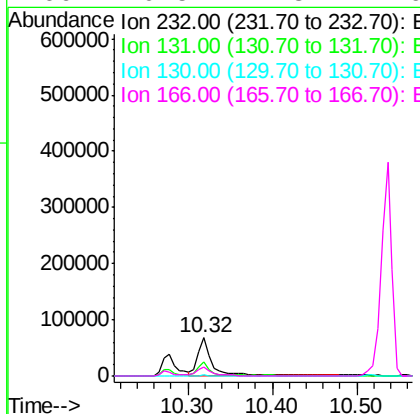
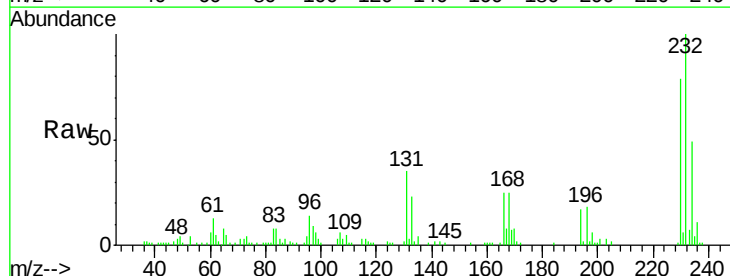
Instrument :
 BNA_F
 ClientSampleId :
 PB110986BS

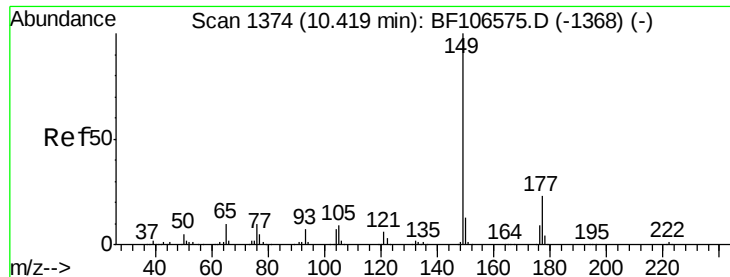
Tgt Ion:166 Resp: 337305
 Ion Ratio Lower Upper
 166 100
 165 100.3 79.8 119.8
 167 13.5 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.341 ng
 RT: 10.32 min Scan# 1357
 Delta R.T. -0.00 min
 Lab File: BF107331.D
 Acq: 12 Jul 2018 11:51

Tgt Ion:232 Resp: 76773
 Ion Ratio Lower Upper
 232 100
 131 30.5 43.8 65.8#
 130 1.3 2.1 3.1#
 166 20.5 27.8 41.6#

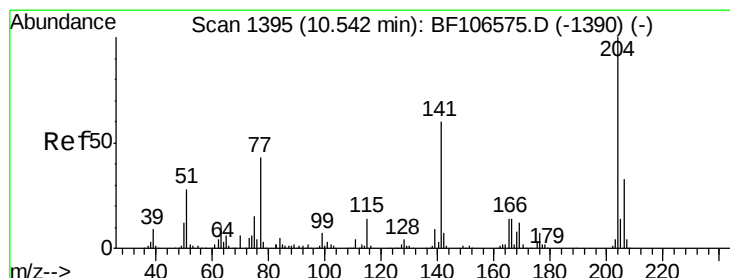
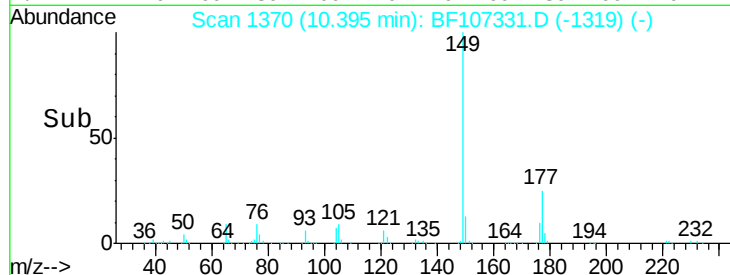
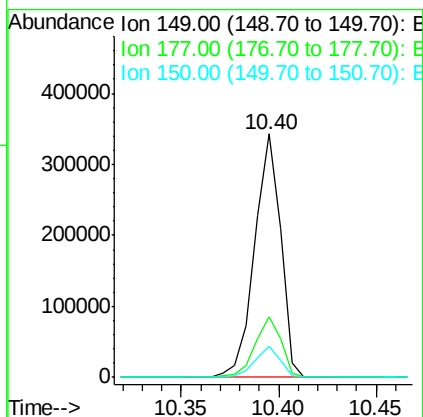
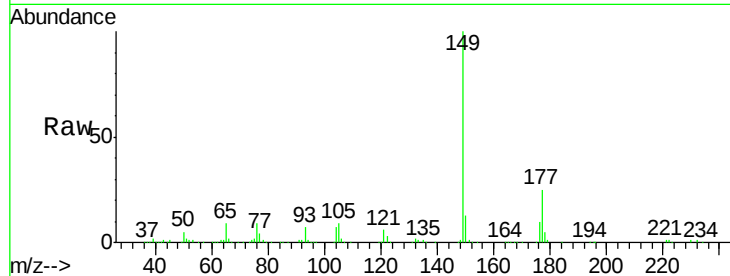




#59
Diethylphthalate
Concen: 37.484 ng
RT: 10.40 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BF107331.D
Acq: 12 Jul 2018 11:51

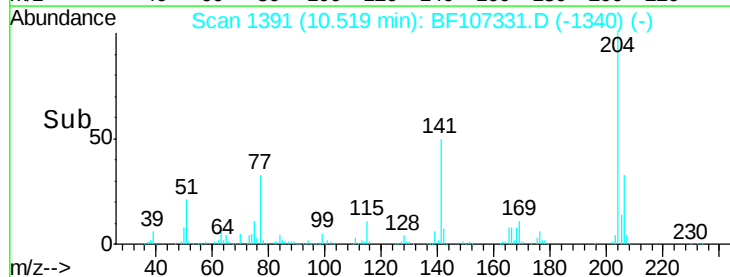
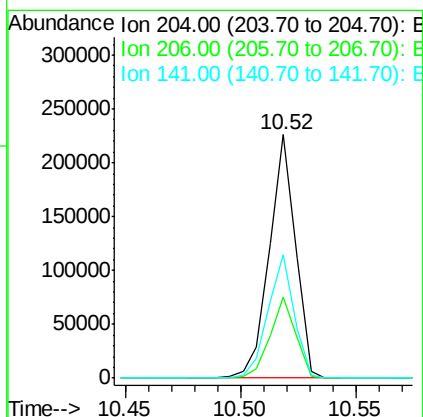
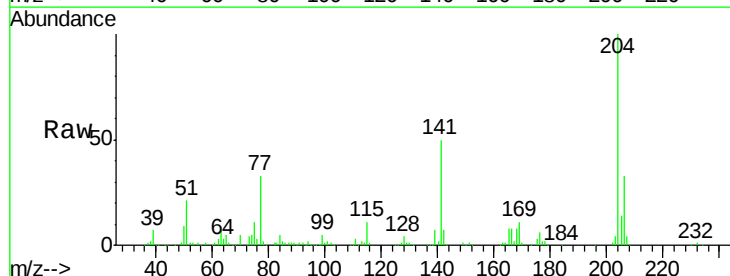
Instrument :
BNA_F
ClientSampleId :
PB110986BS

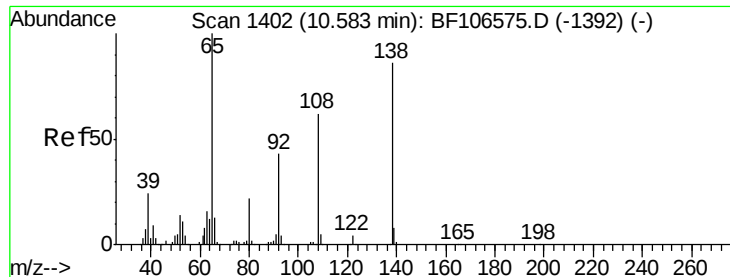
Tgt Ion:149 Resp: 317457
Ion Ratio Lower Upper
149 100
177 25.1 16.1 24.1#
150 12.5 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 42.893 ng
RT: 10.52 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BF107331.D
Acq: 12 Jul 2018 11:51

Tgt Ion:204 Resp: 177936
Ion Ratio Lower Upper
204 100
206 33.4 26.5 39.7
141 50.5 54.6 81.8#

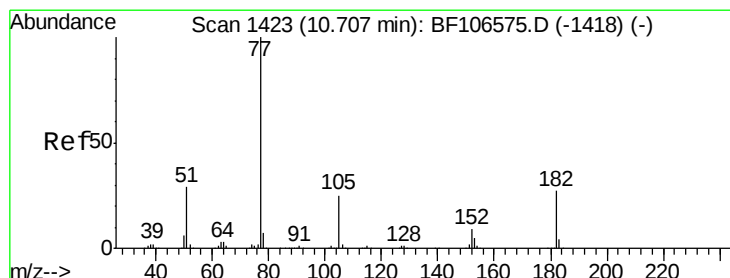
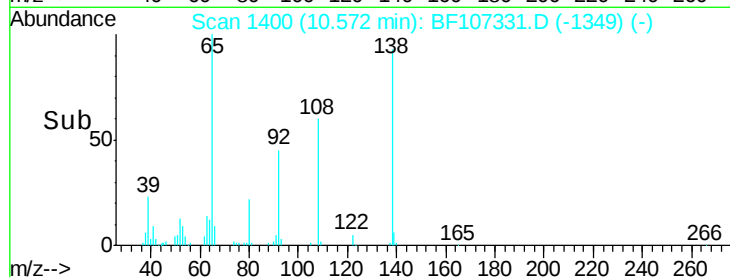
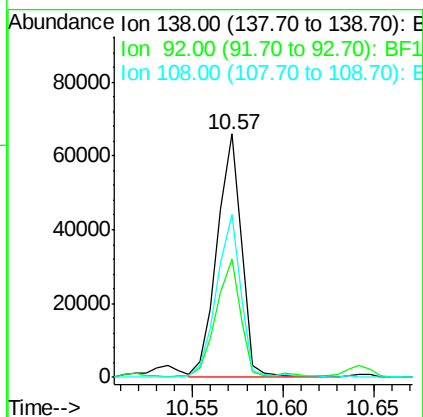
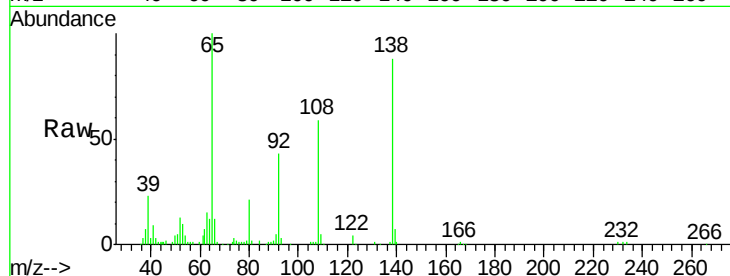




#61
4-Nitroaniline
Concen: 29.279 ng
RT: 10.57 min Scan# 1400
Delta R.T. -0.00 min
Lab File: BF107331.D
Acq: 12 Jul 2018 11:51

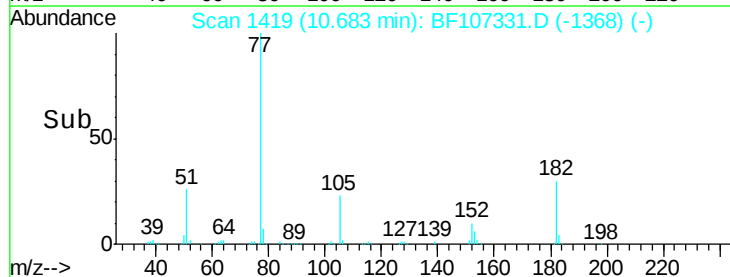
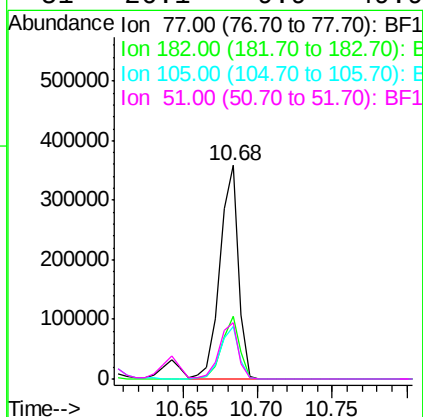
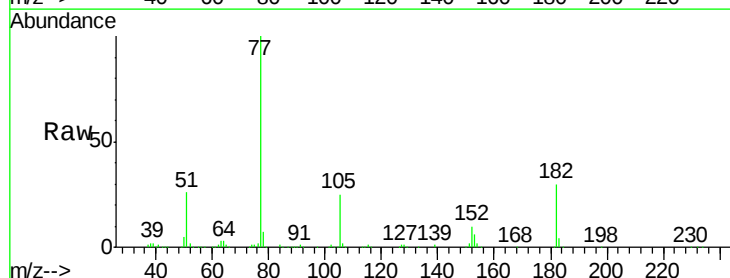
Instrument :
BNA_F
ClientSampleId :
PB110986BS

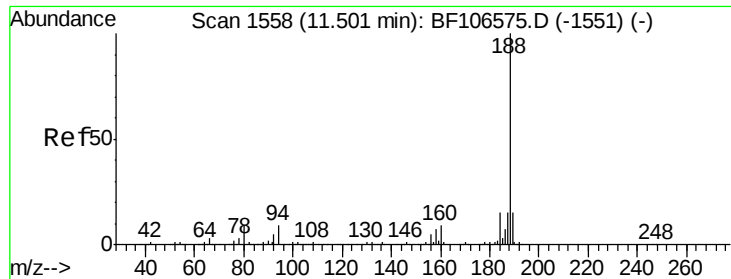
Tgt Ion:138 Resp: 62131
Ion Ratio Lower Upper
138 100
92 48.7 30.2 70.2
108 66.9 52.5 92.5



#62
Azobenzene
Concen: 37.445 ng
RT: 10.68 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BF107331.D
Acq: 12 Jul 2018 11:51

Tgt Ion: 77 Resp: 312288
Ion Ratio Lower Upper
77 100
182 29.6 1.7 41.7
105 24.7 3.0 43.0
51 26.1 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1554

Delta R.T. -0.00 min

Lab File: BF107331.D

Acq: 12 Jul 2018 11:51

Instrument :

BNA_F

ClientSampleId :

PB110986BS

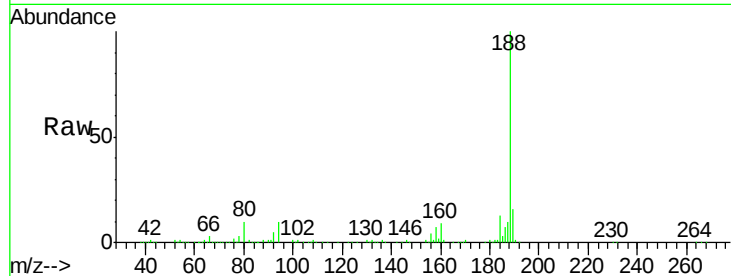
Tgt Ion:188 Resp: 212525

Ion Ratio Lower Upper

188 100

94 9.6 8.5 12.7

80 10.5 9.2 13.8

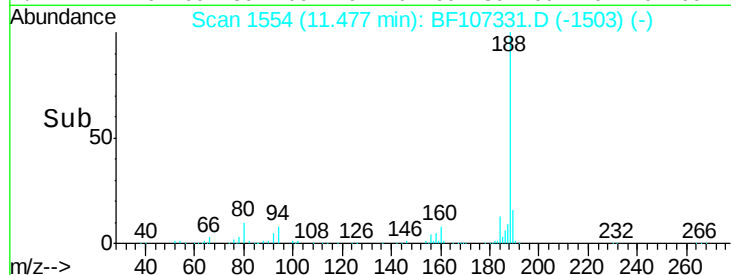


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

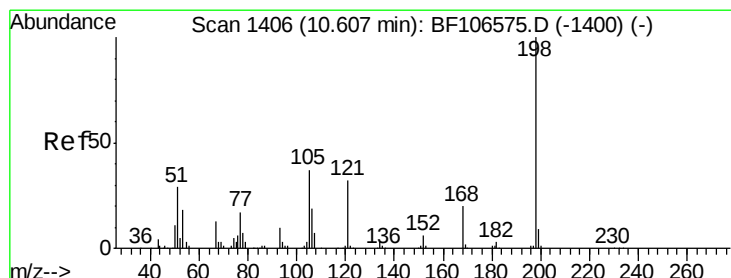
Ion 80.00 (79.70 to 80.70): BF1

Time-->



11.48

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 37.069 ng

RT: 10.61 min Scan# 1406

Delta R.T. 0.01 min

Lab File: BF107331.D

Acq: 12 Jul 2018 11:51

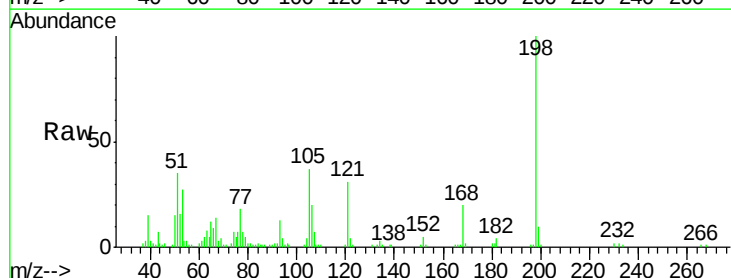
Tgt Ion:198 Resp: 48698

Ion Ratio Lower Upper

198 100

51 34.8 37.7 77.7#

105 36.6 36.3 76.3

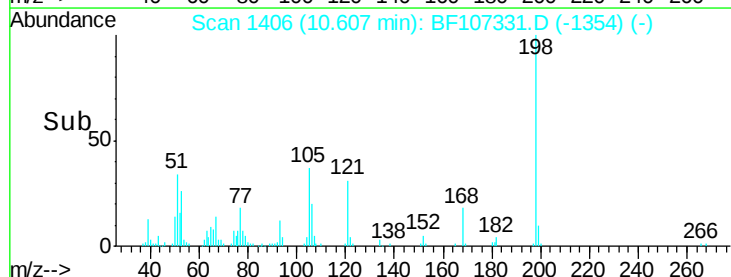


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

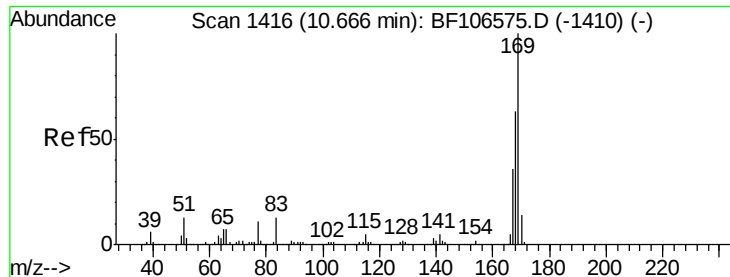
Ion 105.00 (104.70 to 105.70): E

Time-->



10.61

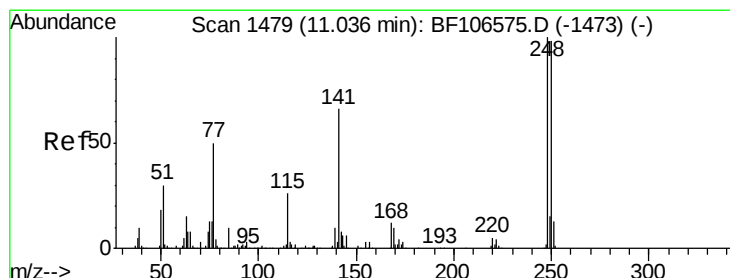
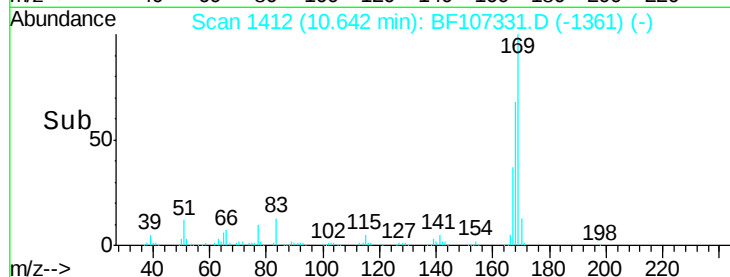
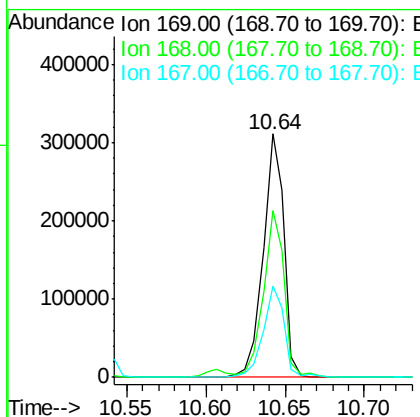
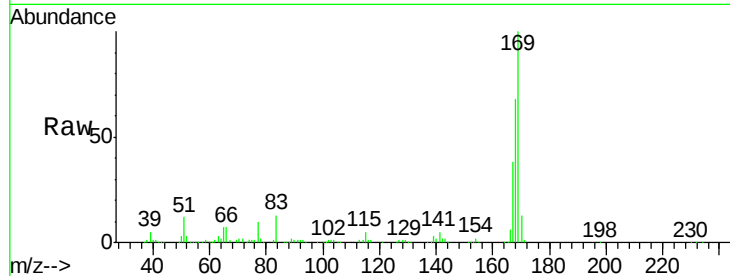
Time-->



#65
n-Nitrosodiphenylamine
Concen: 40.075 ng
RT: 10.64 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BF107331.D
Acq: 12 Jul 2018 11:51

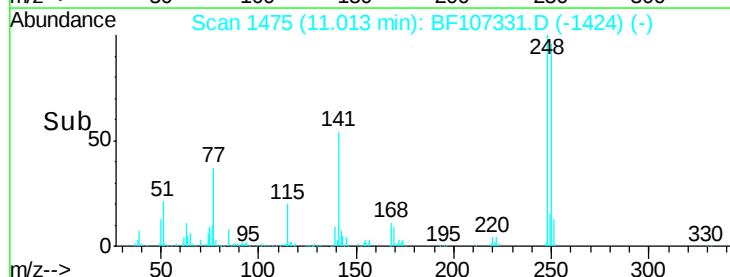
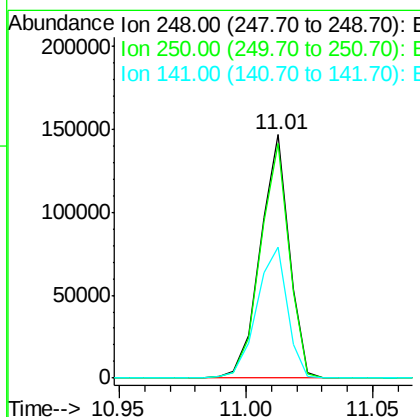
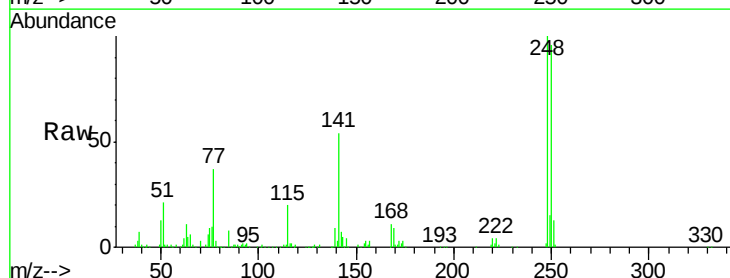
Instrument :
BNA_F
ClientSampleId :
PB110986BS

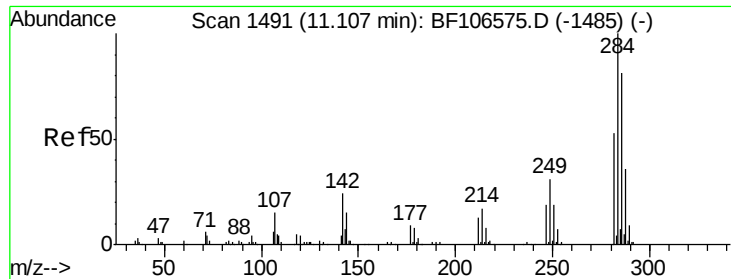
Tgt Ion:169 Resp: 286468
Ion Ratio Lower Upper
169 100
168 68.4 54.4 81.6
167 37.5 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 46.064 ng
RT: 11.01 min Scan# 1475
Delta R.T. -0.00 min
Lab File: BF107331.D
Acq: 12 Jul 2018 11:51

Tgt Ion:248 Resp: 116835
Ion Ratio Lower Upper
248 100
250 96.4 76.9 115.3
141 53.9 74.4 111.6#

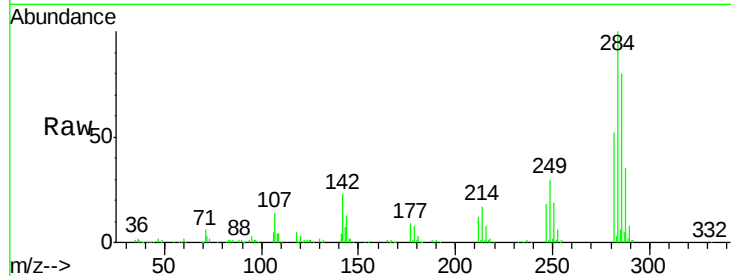




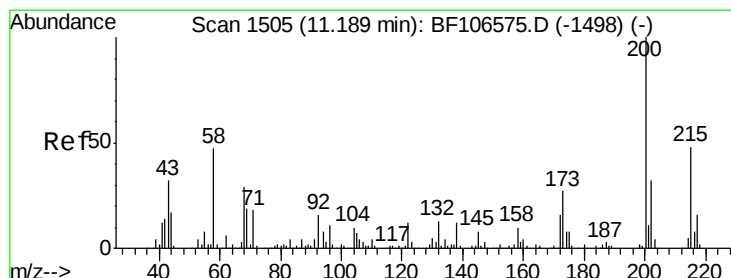
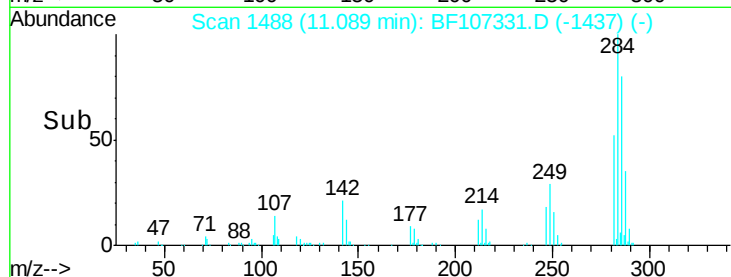
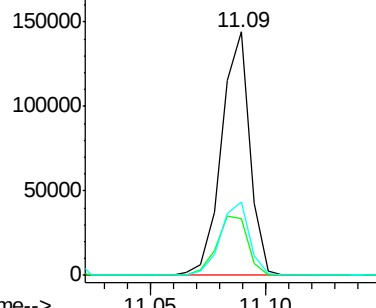
#67
Hexachlorobenzene
Concen: 46.718 ng
RT: 11.09 min Scan# 1488
Delta R.T. -0.00 min
Lab File: BF107331.D
Acq: 12 Jul 2018 11:51

Instrument :
BNA_F
ClientSampleId :
PB110986BS

Tgt Ion:284 Resp: 124021
Ion Ratio Lower Upper
284 100
142 23.4 34.6 52.0#
249 30.1 24.8 37.2

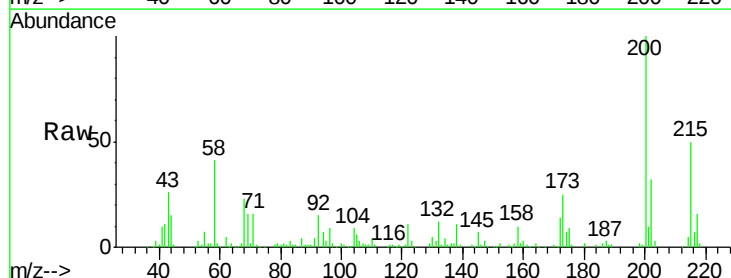


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

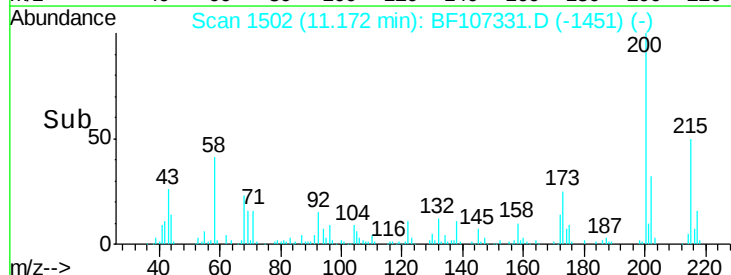
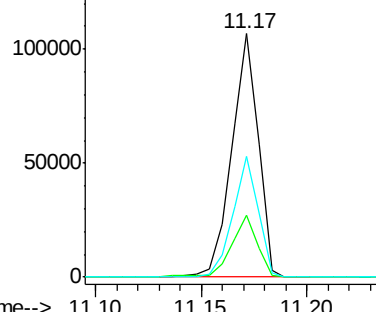


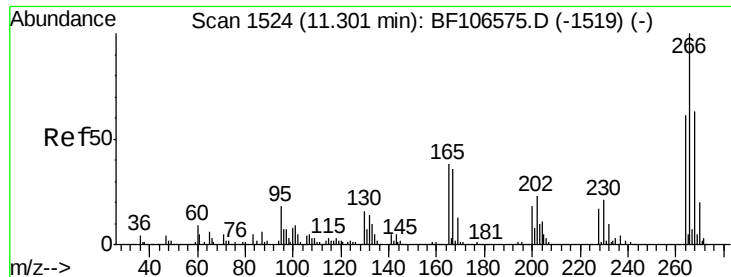
#68
Atrazine
Concen: 40.930 ng
RT: 11.17 min Scan# 1502
Delta R.T. -0.00 min
Lab File: BF107331.D
Acq: 12 Jul 2018 11:51

Tgt Ion:200 Resp: 93012
Ion Ratio Lower Upper
200 100
173 25.2 8.6 48.6
215 49.7 25.1 65.1



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

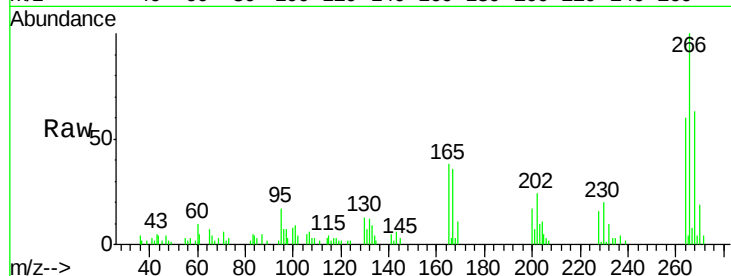




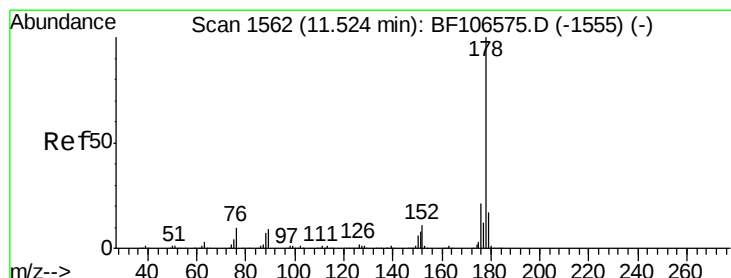
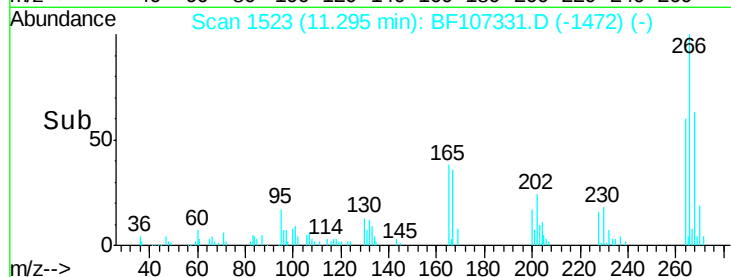
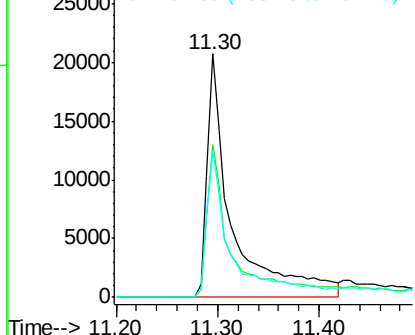
#69
 Pentachlorophenol
 Concen: 26.759 ng
 RT: 11.30 min Scan# 1523
 Delta R.T. -0.00 min
 Lab File: BF107331.D
 Acq: 12 Jul 2018 11:51

Instrument :
 BNA_F
 ClientSampleId :
 PB110986BS

Tgt Ion: 266 Resp: 35444
 Ion Ratio Lower Upper
 266 100
 268 62.9 51.1 76.7
 264 60.3 49.5 74.3

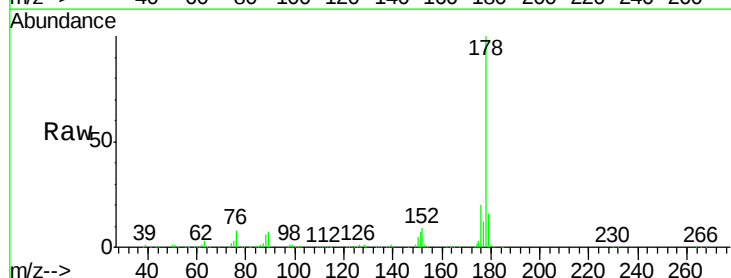


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

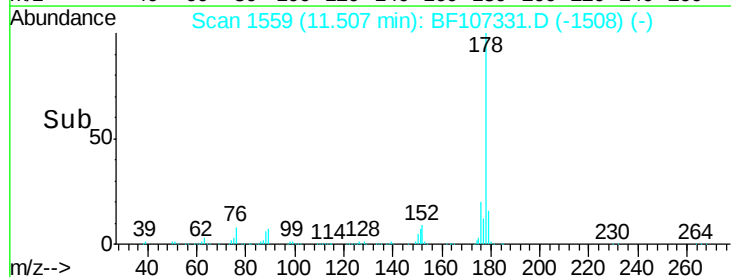
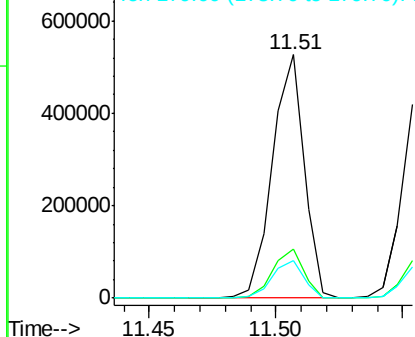


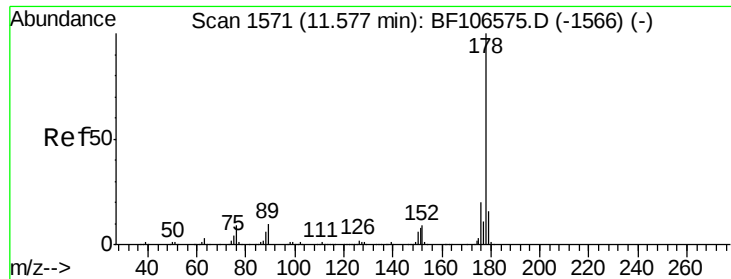
#70
 Phenanthrene
 Concen: 44.660 ng
 RT: 11.51 min Scan# 1559
 Delta R.T. -0.00 min
 Lab File: BF107331.D
 Acq: 12 Jul 2018 11:51

Tgt Ion: 178 Resp: 457786
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.8 23.8
 179 15.6 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

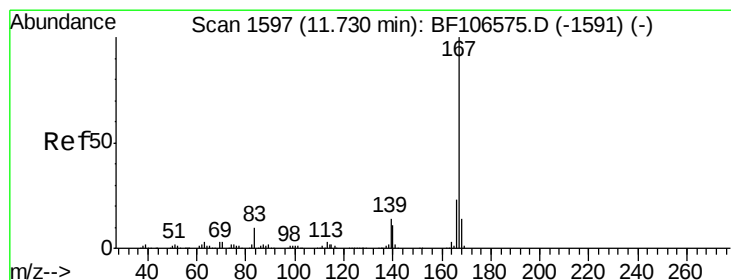
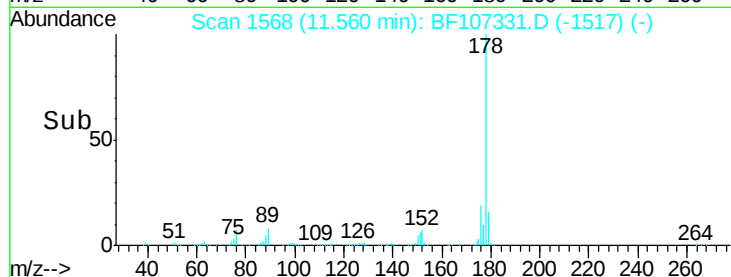
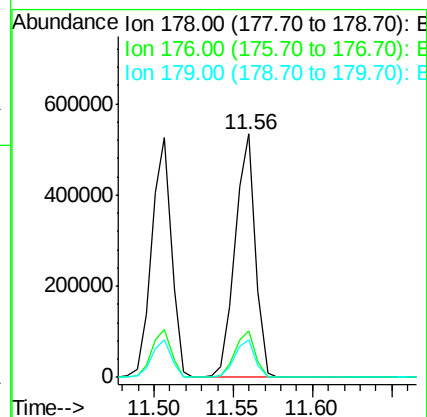
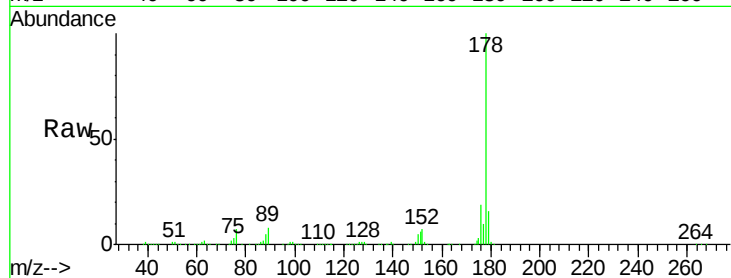




#71
 Anthracene
 Concen: 45.185 ng
 RT: 11.56 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: BF107331.D
 Acq: 12 Jul 2018 11:51

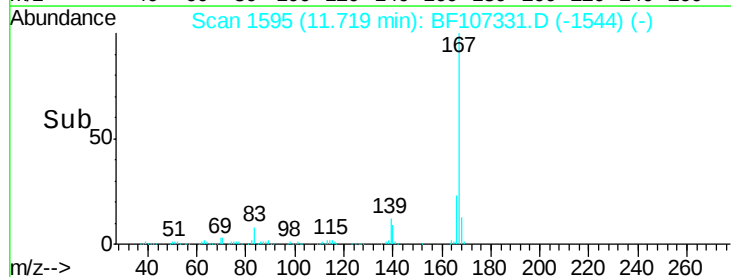
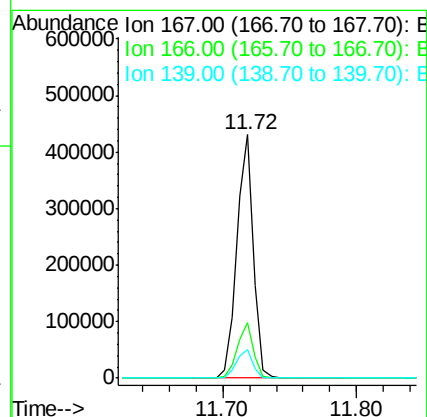
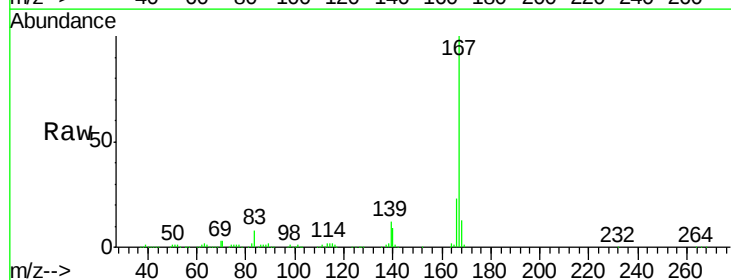
Instrument :
 BNA_F
 ClientSampleId :
 PB110986BS

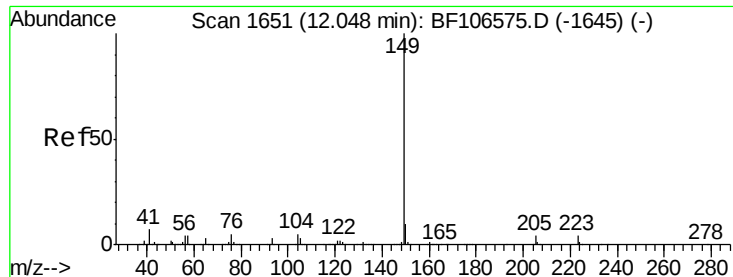
Tgt Ion:178 Resp: 472756
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.5 12.6 19.0



#72
 Carbazole
 Concen: 38.142 ng
 RT: 11.72 min Scan# 1595
 Delta R.T. -0.00 min
 Lab File: BF107331.D
 Acq: 12 Jul 2018 11:51

Tgt Ion:167 Resp: 373624
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.6 26.4
 139 11.8 10.9 16.3





#73

Di-n-butylphthalate

Concen: 38.566 ng

RT: 12.02 min Scan# 1646

Delta R.T. -0.01 min

Lab File: BF107331.D

Acq: 12 Jul 2018 11:51

Instrument :

BNA_F

ClientSampleId :

PB110986BS

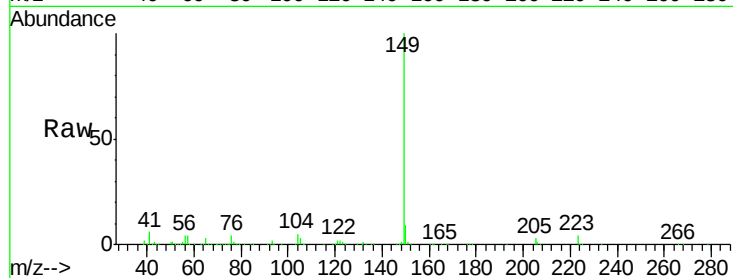
Tgt Ion:149 Resp: 445065

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

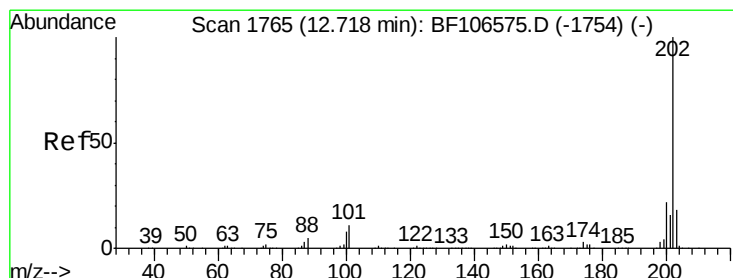
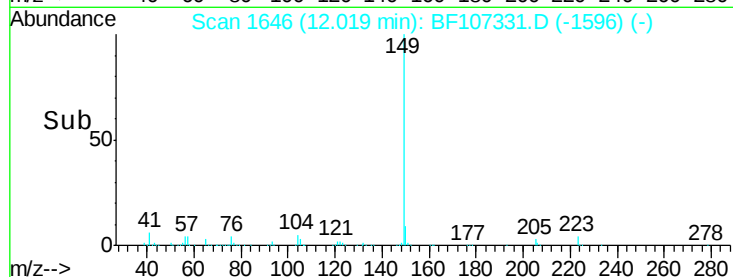
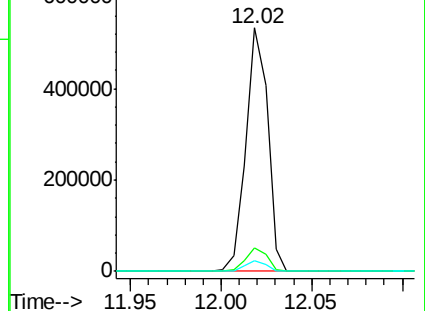
104 4.6 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.960 ng

RT: 12.70 min Scan# 1762

Delta R.T. -0.00 min

Lab File: BF107331.D

Acq: 12 Jul 2018 11:51

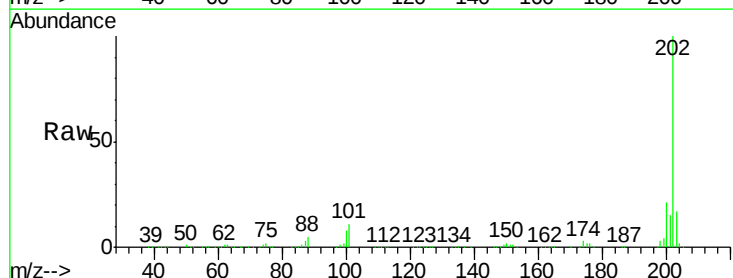
Tgt Ion:202 Resp: 451478

Ion Ratio Lower Upper

202 100

101 10.5 0.0 34.1

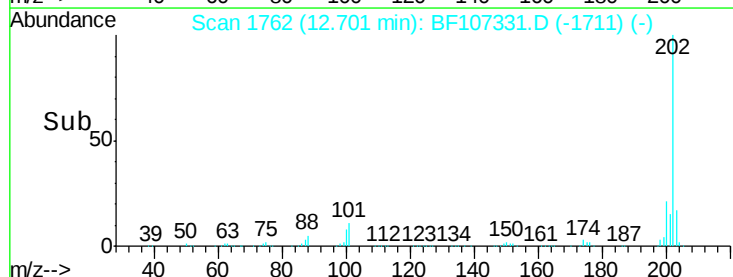
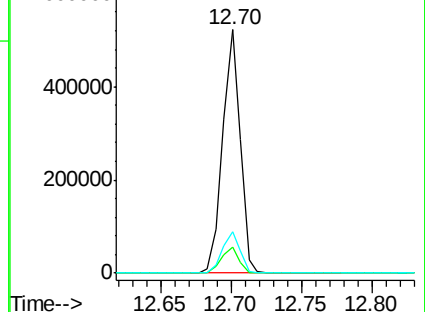
203 17.2 0.0 38.1

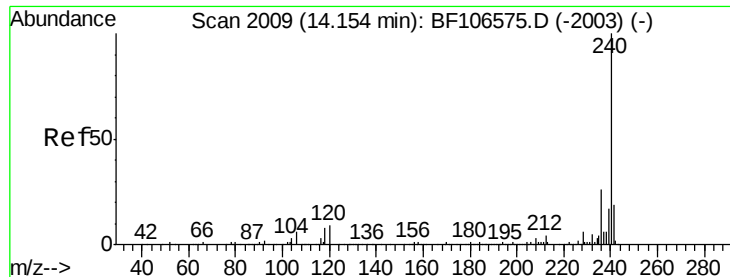


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BF107331.D

Acq: 12 Jul 2018 11:51

Instrument :

BNA_F

ClientSampleId :

PB110986BS

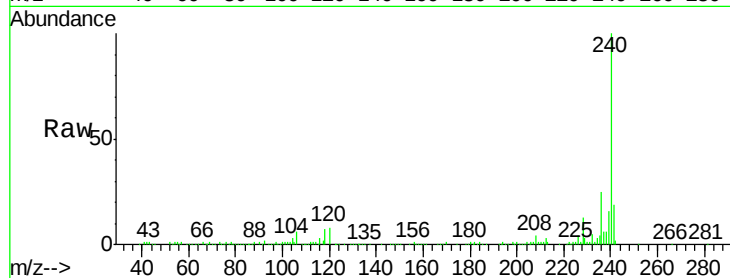
Tgt Ion:240 Resp: 155285

Ion Ratio Lower Upper

240 100

120 8.3 9.5 14.3#

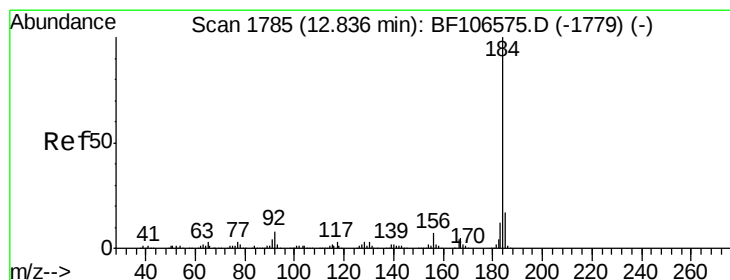
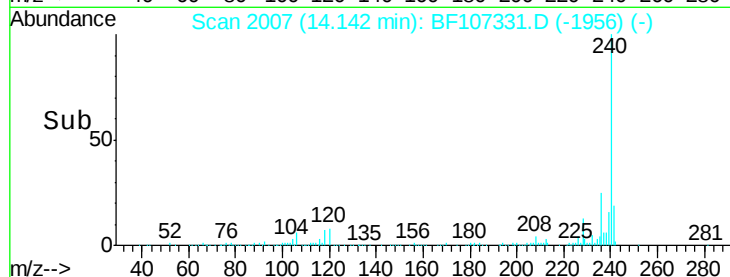
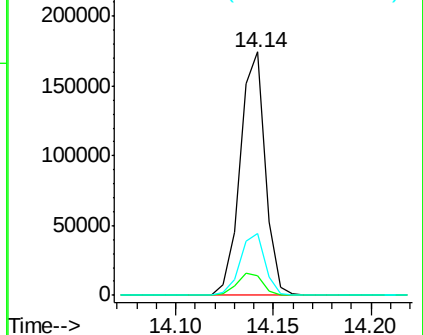
236 25.3 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 15.097 ng

RT: 12.82 min Scan# 1782

Delta R.T. -0.00 min

Lab File: BF107331.D

Acq: 12 Jul 2018 11:51

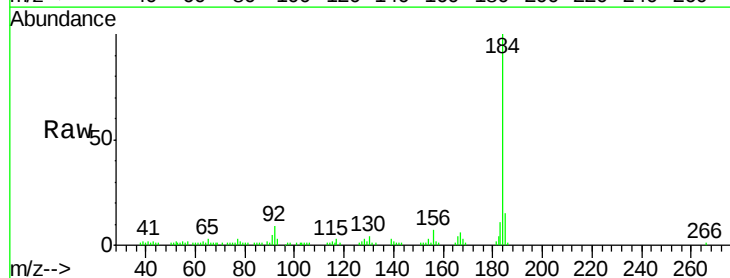
Tgt Ion:184 Resp: 66766

Ion Ratio Lower Upper

184 100

185 14.7 12.6 18.8

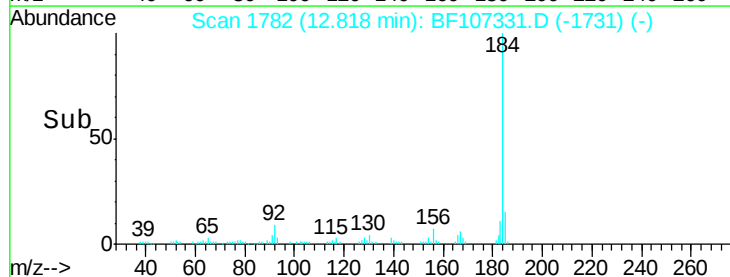
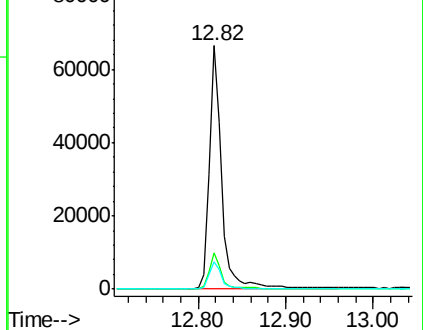
183 11.4 9.3 13.9

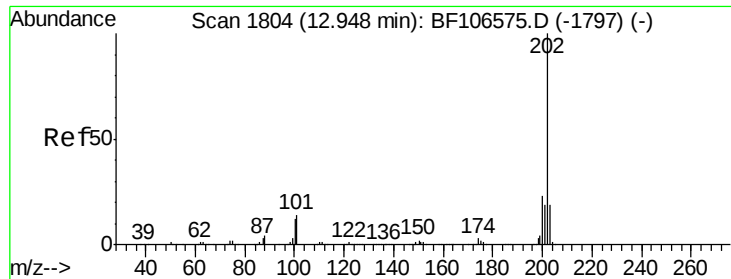


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

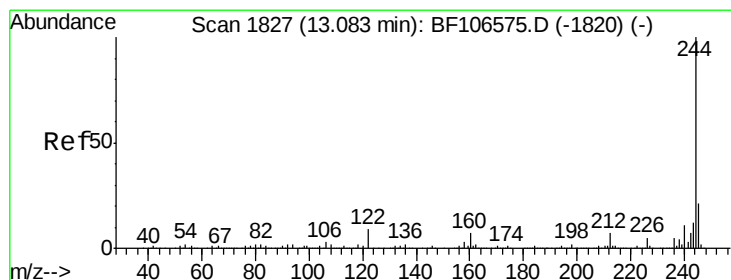
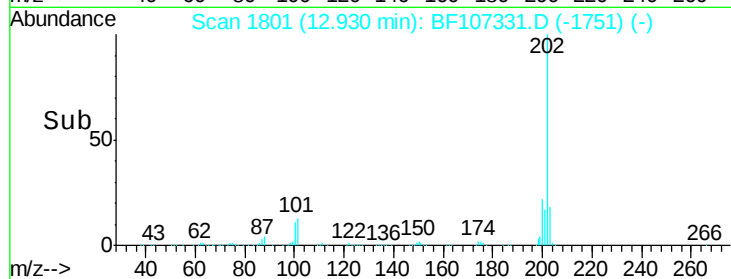
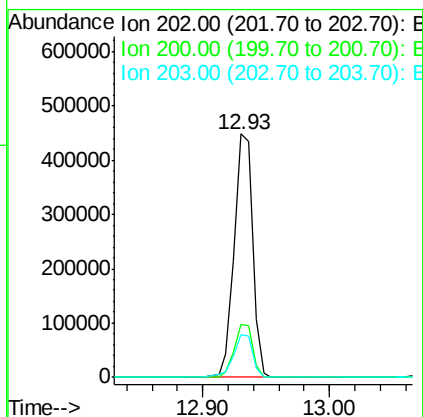
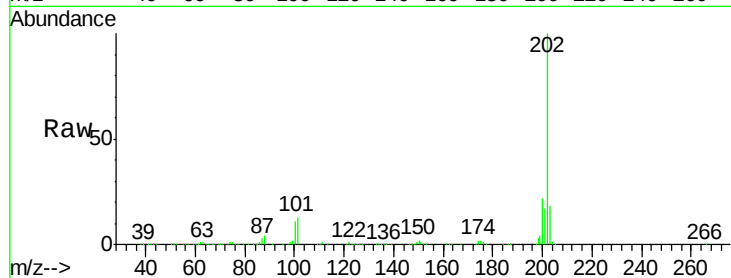




#77
 Pyrene
 Concen: 43.705 ng
 RT: 12.93 min Scan# 1801
 Delta R.T. -0.01 min
 Lab File: BF107331.D
 Acq: 12 Jul 2018 11:51

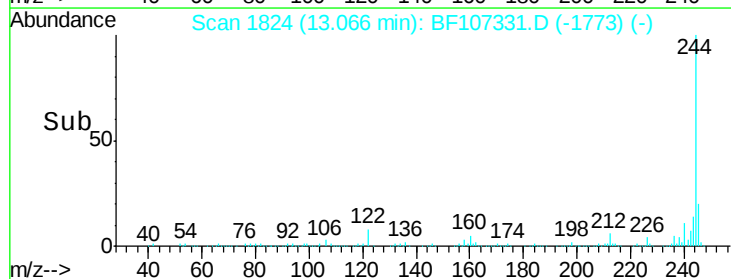
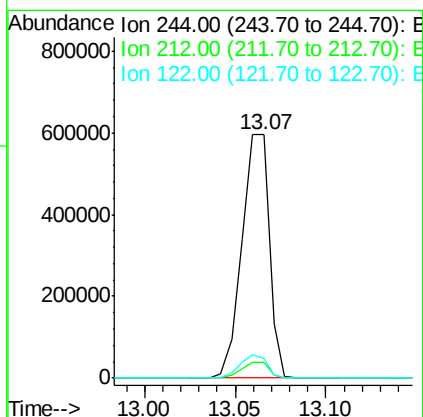
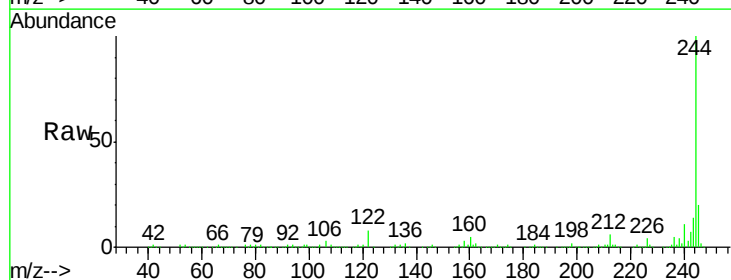
Instrument :
 BNA_F
 ClientSampleId :
 PB110986BS

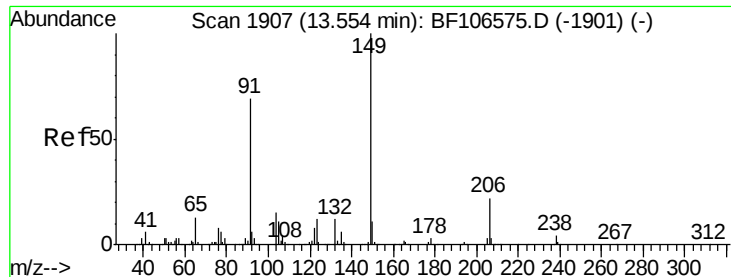
Tgt Ion: 202 Resp: 447540
 Ion Ratio Lower Upper
 202 100
 200 21.6 17.4 26.2
 203 17.5 14.3 21.5



#78
 Terphenyl-d14
 Concen: 97.744 ng
 RT: 13.07 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BF107331.D
 Acq: 12 Jul 2018 11:51

Tgt Ion: 244 Resp: 626603
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 7.8 11.0 16.4#

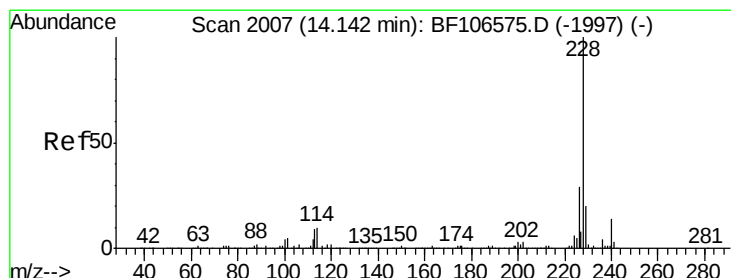
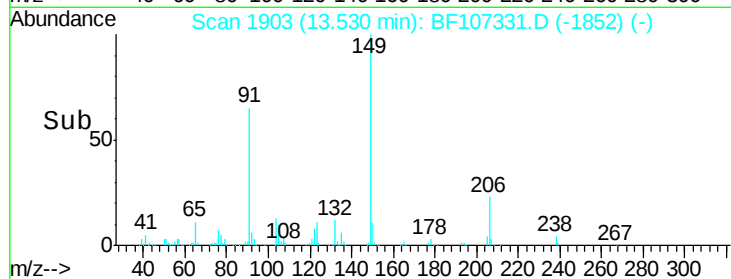
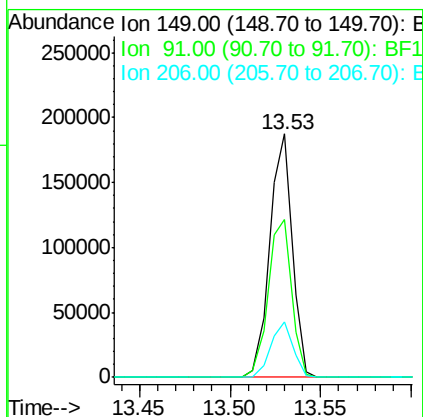
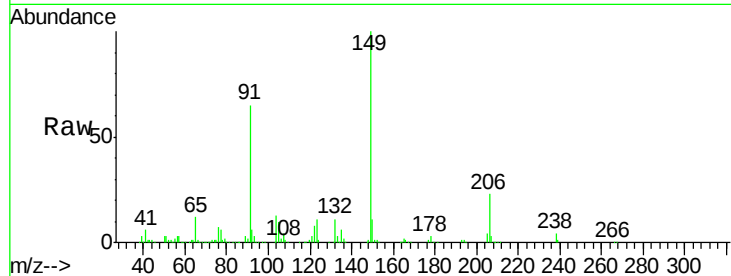




#79
Butylbenzylphthalate
Concen: 38.552 ng
RT: 13.53 min Scan# 1903
Delta R.T. -0.00 min
Lab File: BF107331.D
Acq: 12 Jul 2018 11:51

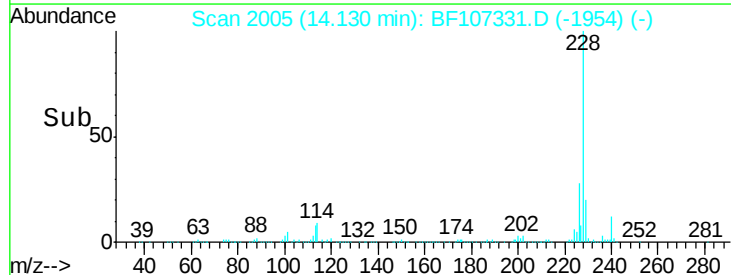
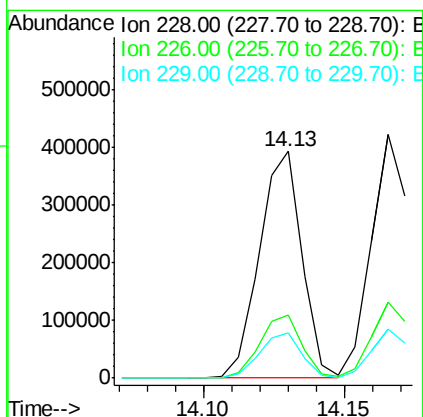
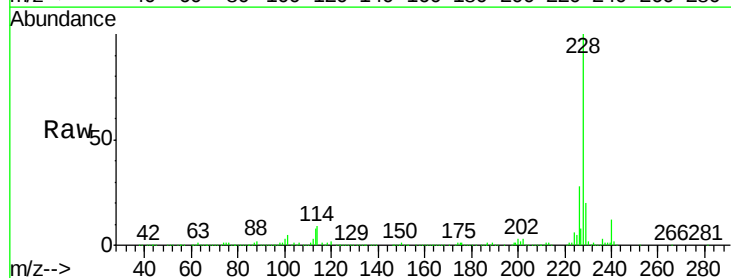
Instrument :
BNA_F
ClientSampleId :
PB110986BS

Tgt Ion:149 Resp: 162310
Ion Ratio Lower Upper
149 100
91 65.0 56.8 85.2
206 23.0 14.1 21.1#



#80
Benzo(a)anthracene
Concen: 43.288 ng
RT: 14.13 min Scan# 2005
Delta R.T. -0.00 min
Lab File: BF107331.D
Acq: 12 Jul 2018 11:51

Tgt Ion:228 Resp: 409684
Ion Ratio Lower Upper
228 100
226 28.0 22.6 33.8
229 19.9 15.8 23.6

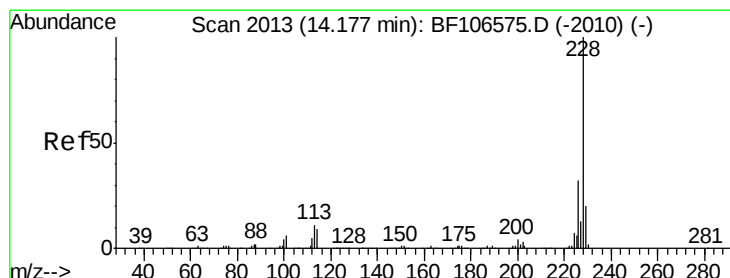
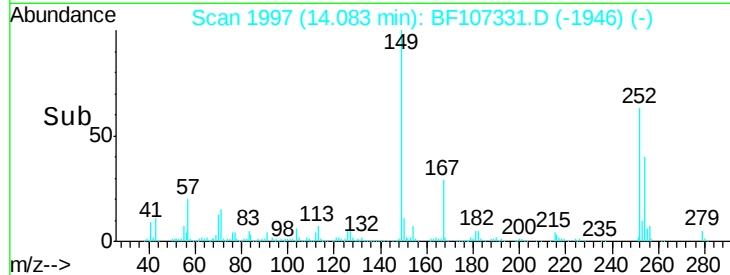
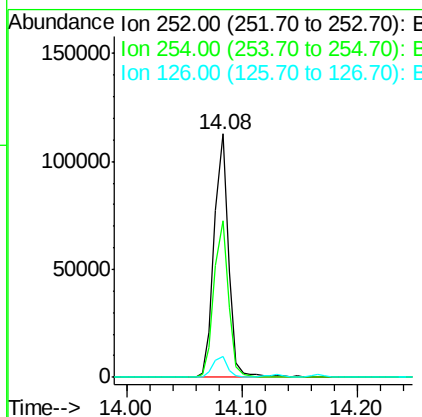
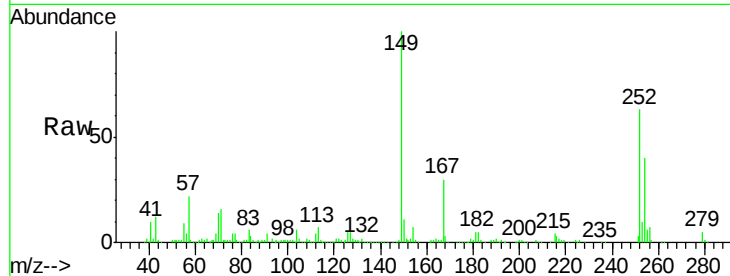




#81
 3,3'-Dichlorobenzidine
 Concen: 29.447 ng
 RT: 14.08 min Scan# 1997
 Delta R.T. -0.00 min
 Lab File: BF107331.D
 Acq: 12 Jul 2018 11:51

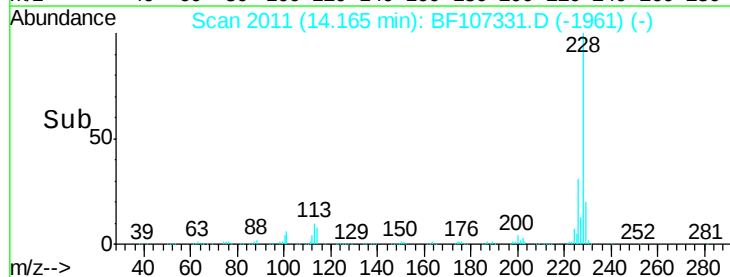
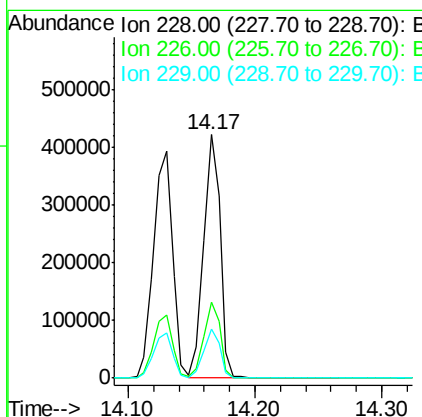
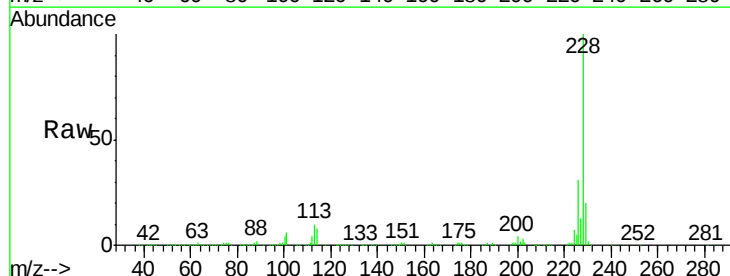
Instrument :
 BNA_F
 ClientSampleId :
 PB110986BS

Tgt Ion: 252 Resp: 97948
 Ion Ratio Lower Upper
 252 100
 254 64.1 50.4 75.6
 126 8.7 11.3 16.9#



#82
 Chrysene
 Concen: 44.177 ng
 RT: 14.17 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BF107331.D
 Acq: 12 Jul 2018 11:51

Tgt Ion: 228 Resp: 384645
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.0 37.6
 229 20.1 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.808 ng

RT: 14.08 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF107331.D

Acq: 12 Jul 2018 11:51

Instrument :

BNA_F

ClientSampleId :

PB110986BS

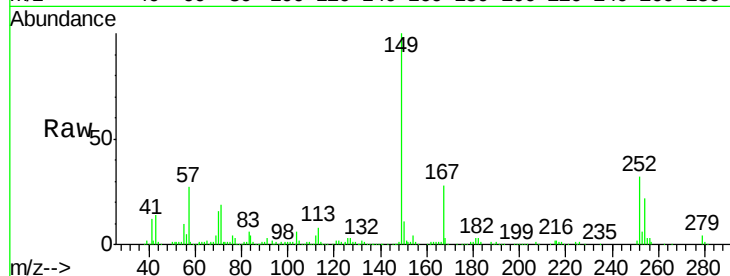
Tgt Ion:149 Resp: 214269

Ion Ratio Lower Upper

149 100

167 27.9 21.3 31.9

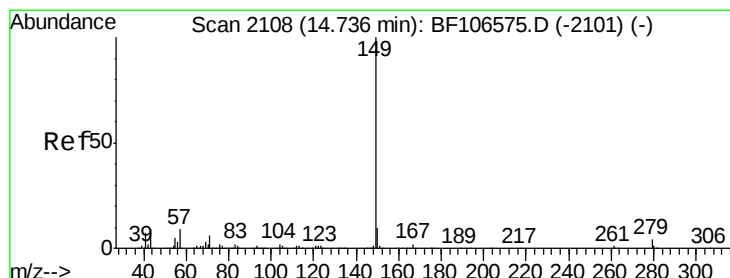
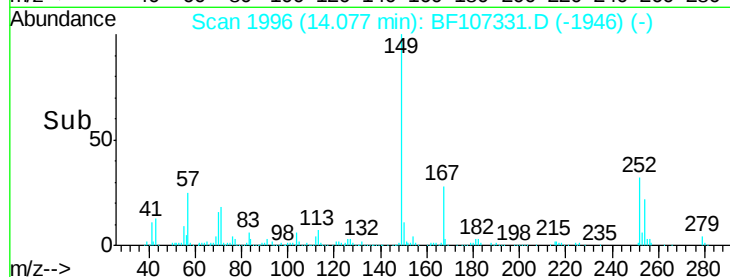
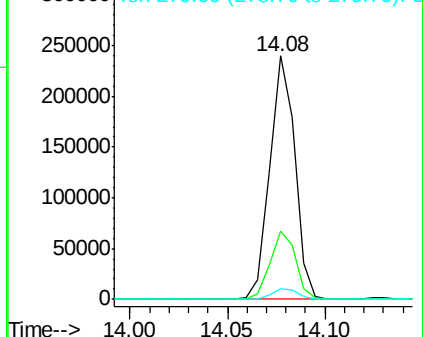
279 4.4 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 44.369 ng

RT: 14.71 min Scan# 2103

Delta R.T. -0.00 min

Lab File: BF107331.D

Acq: 12 Jul 2018 11:51

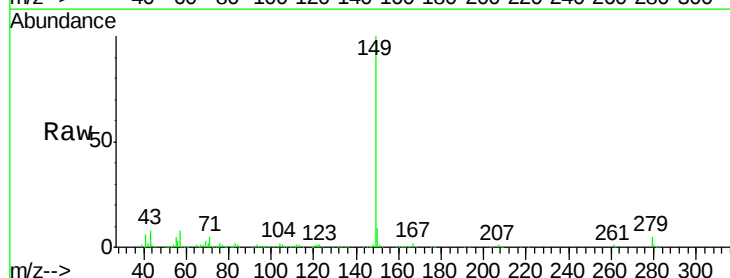
Tgt Ion:149 Resp: 389281

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

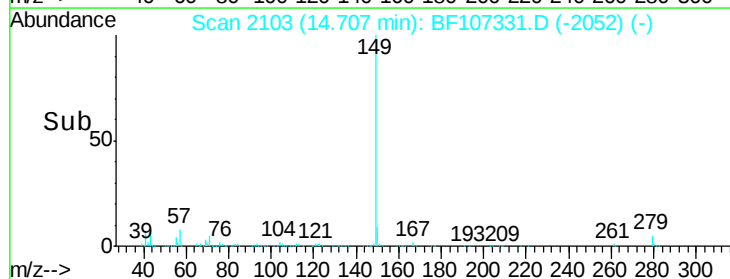
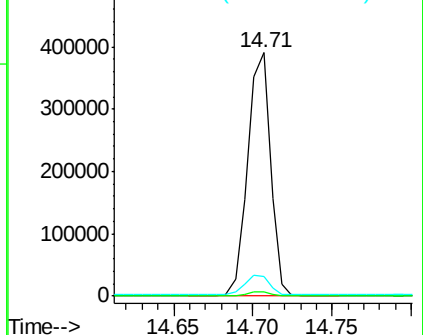
43 8.5 8.4 12.6

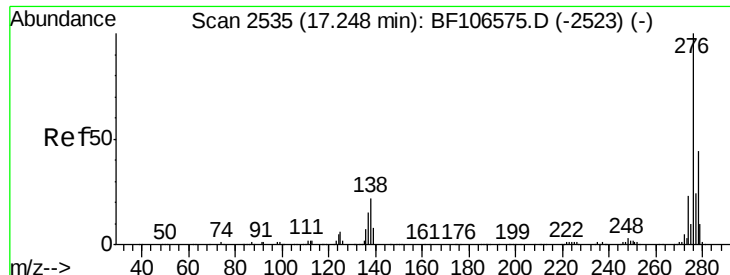


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

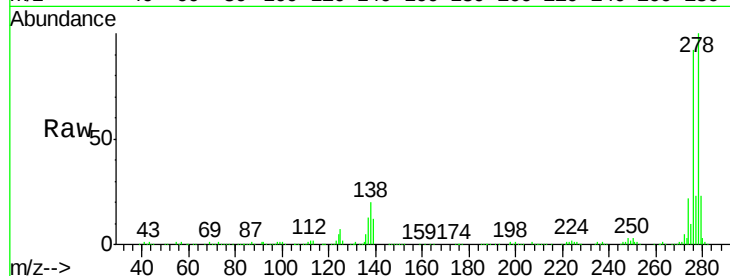




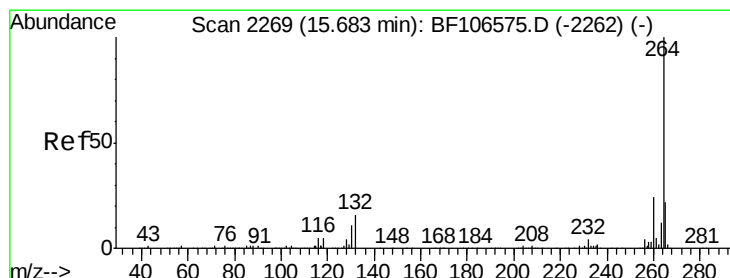
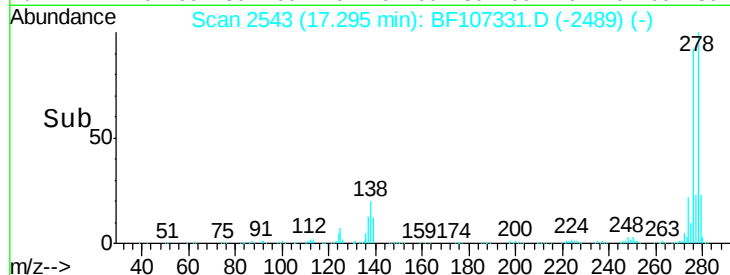
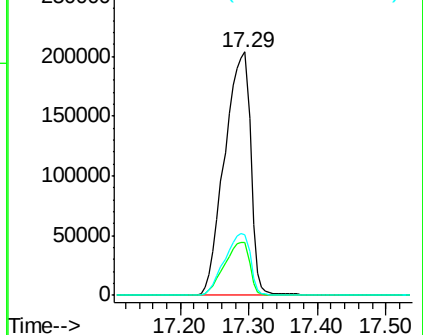
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 72.475 ng
 RT: 17.29 min Scan# 2543
 Delta R.T. 0.02 min
 Lab File: BF107331.D
 Acq: 12 Jul 2018 11:51

Instrument :
 BNA_F
 ClientSampleID :
 PB110986BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.3	25.0	37.6#
277	25.1	20.1	30.1

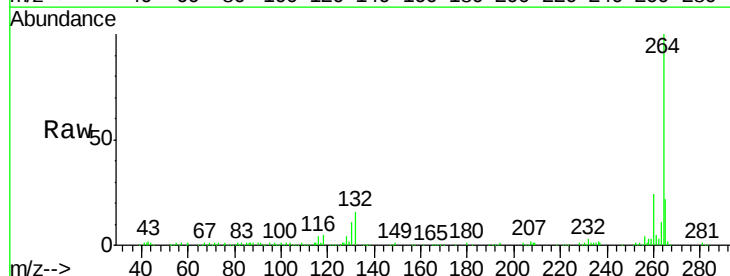


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

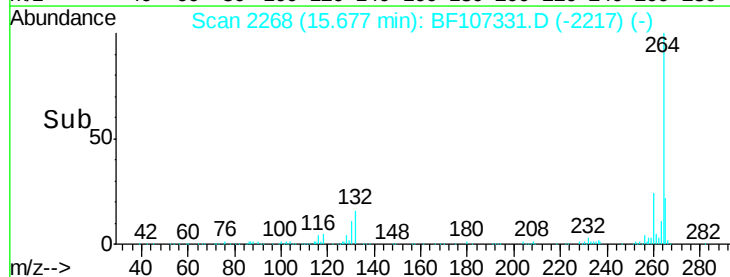
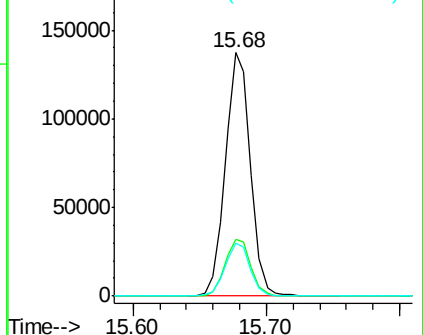


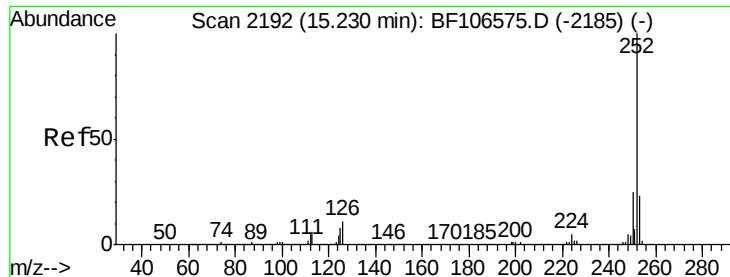
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.00 min
 Lab File: BF107331.D
 Acq: 12 Jul 2018 11:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.8	17.5	26.3



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

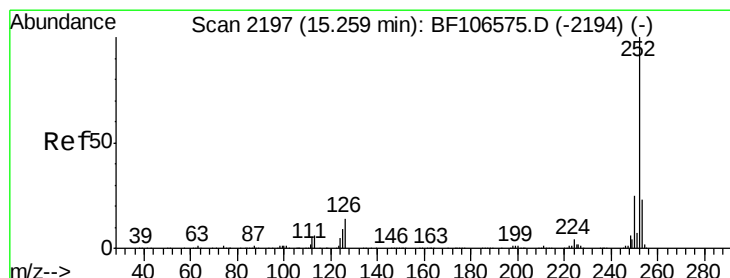
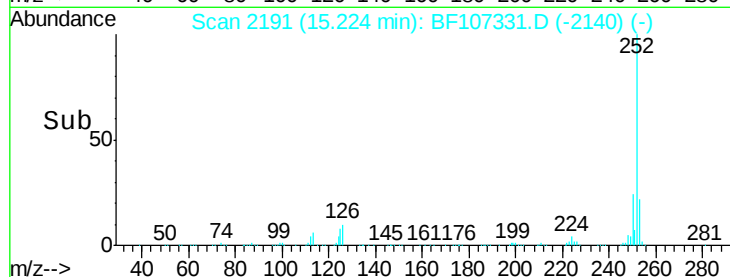
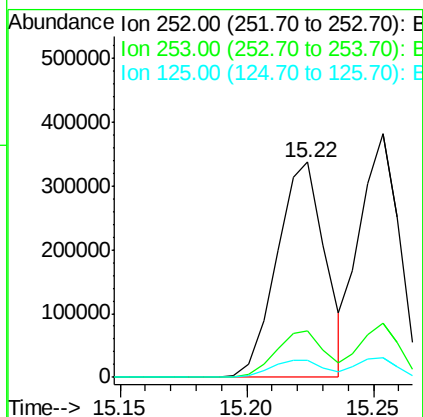
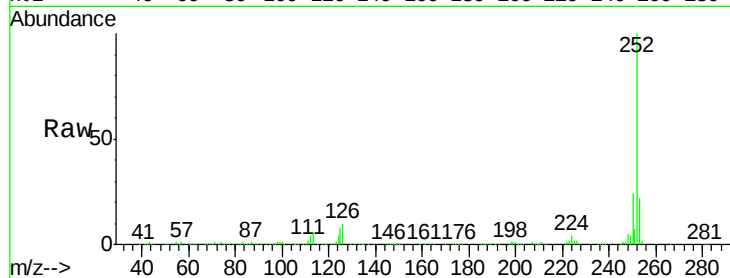




#87
Benzo(b)fluoranthene
Concen: 39.999 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.00 min
Lab File: BF107331.D
Acq: 12 Jul 2018 11:51

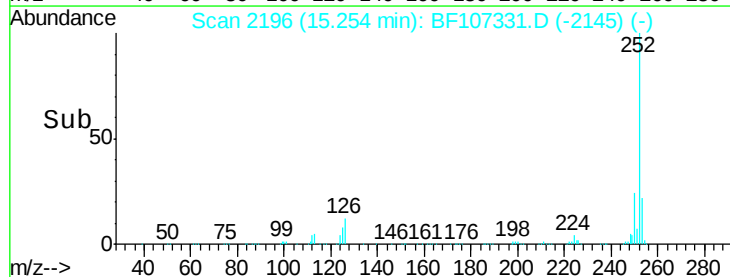
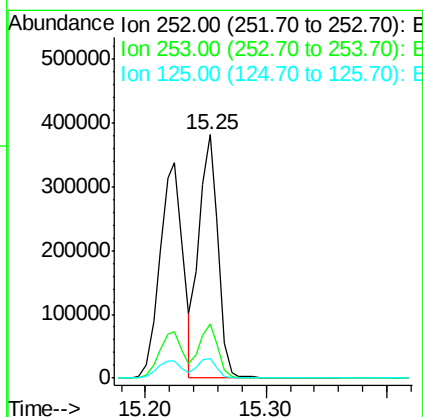
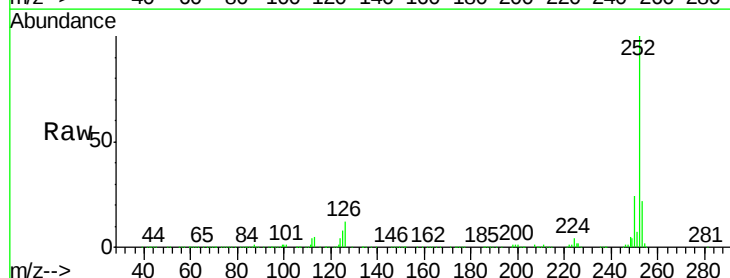
Instrument :
BNA_F
ClientSampleId :
PB110986BS

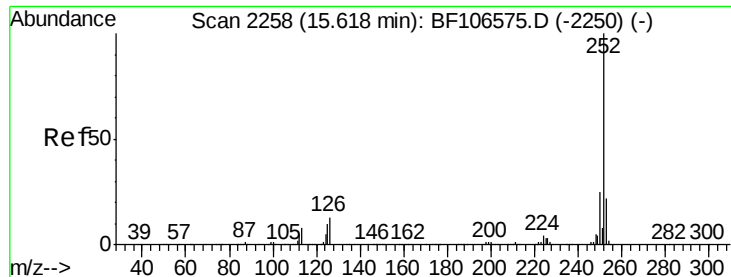
Tgt Ion:252 Resp: 449692
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 8.0 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 38.949 ng
RT: 15.25 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BF107331.D
Acq: 12 Jul 2018 11:51

Tgt Ion:252 Resp: 416997
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 8.2 10.2 15.2#





#89

Benzo(a)pyrene

Concen: 43.869 ng

RT: 15.62 min Scan# 2258

Delta R.T. -0.00 min

Lab File: BF107331.D

Acq: 12 Jul 2018 11:51

Instrument :

BNA_F

ClientSampleId :

PB110986BS

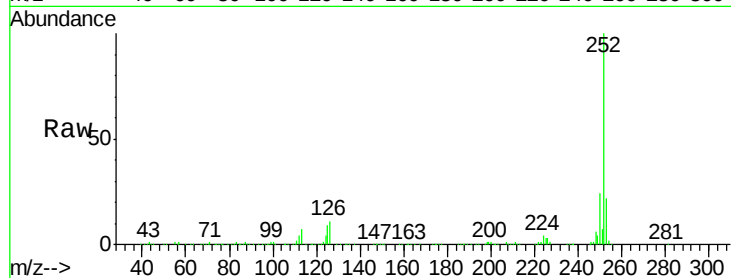
Tgt Ion:252 Resp: 438444

Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

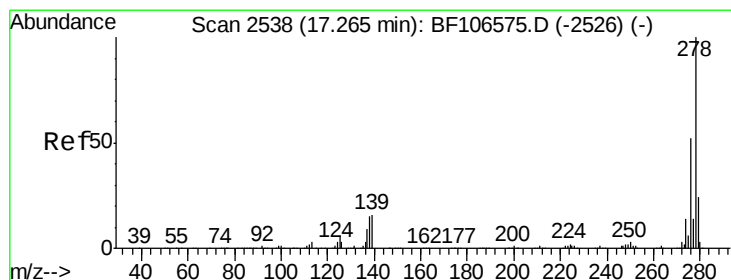
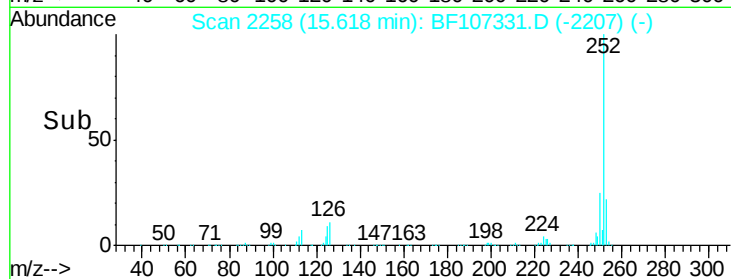
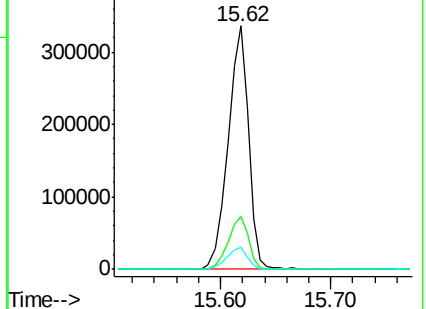
125 9.2 9.8 14.6#



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: 52.341 ng

RT: 17.29 min Scan# 2542

Delta R.T. 0.01 min

Lab File: BF107331.D

Acq: 12 Jul 2018 11:51

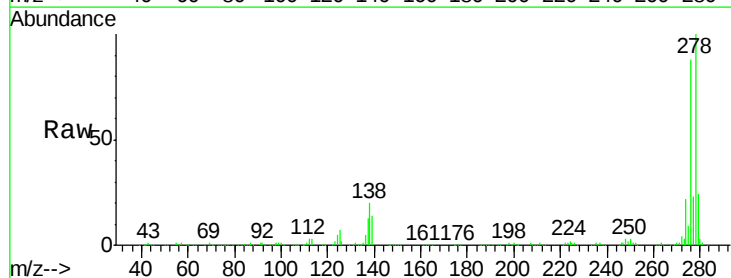
Tgt Ion:278 Resp: 443336

Ion Ratio Lower Upper

278 100

139 13.8 15.9 23.9#

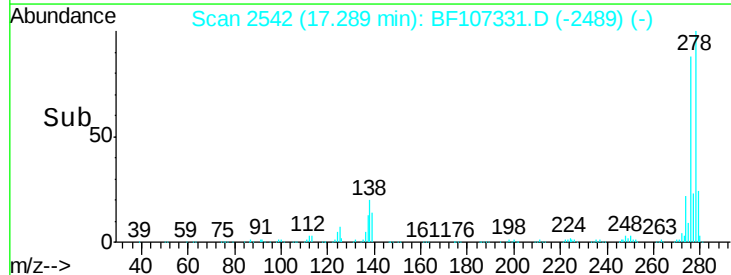
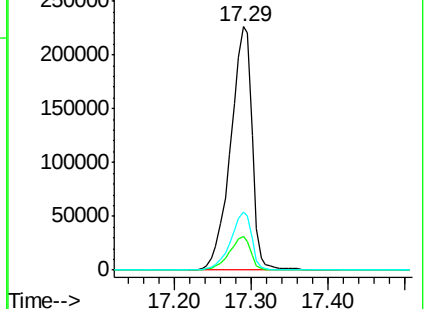
279 23.6 19.0 28.4

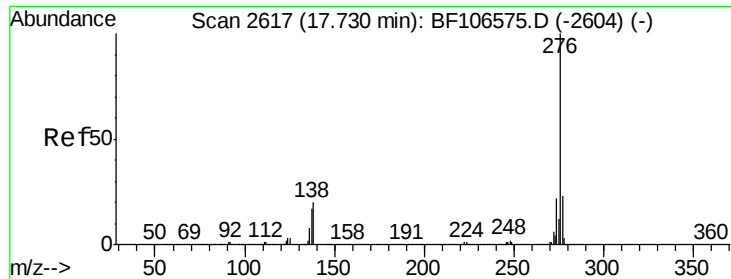


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 56.146 ng
 RT: 17.77 min Scan# 2624
 Delta R.T. 0.01 min
 Lab File: BF107331.D
 Acq: 12 Jul 2018 11:51

Instrument :
 BNA_F
 ClientSampleId :
 PB110986BS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	17.9	26.9
138	18.9	21.8	32.8

