

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
 Data File : BF107144.D
 Acq On : 6 Jul 2018 1:27
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 06 04:14:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	49330	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	195434	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	90893	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	149221	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	145596	20.00	ng	-0.03
86) Perylene-d12	15.67	264	116945	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	235054	80.69	ng	-0.02
7) Phenol-d6	6.60	99	284270	78.14	ng	-0.02
23) Nitrobenzene-d5	7.52	82	261041	74.23	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	72074	68.42	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	482531	90.88	ng	-0.02
78) Terphenyl-d14	13.07	244	461643	76.80	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.74	88	53873	35.970	ng	97
3) Pyridine	3.54	79	147277	36.258	ng	96
4) n-Nitrosodimethylamine	3.51	42	58798	34.082	ng	84
6) Aniline	6.61	93	182283	36.937	ng	# 74
8) 2-Chlorophenol	6.74	128	126522	39.597	ng	97
9) Benzaldehyde	6.51	77	87604	34.060	ng	94
10) Phenol	6.61	94	156555	37.707	ng	75
11) bis(2-Chloroethyl)ether	6.68	93	129024	37.643	ng	98
12) 1,3-Dichlorobenzene	6.89	146	149051	39.828	ng	97
13) 1,4-Dichlorobenzene	6.97	146	149984	39.641	ng	98
14) 1,2-Dichlorobenzene	7.12	146	140398	40.490	ng	97
15) Benzyl Alcohol	7.10	79	106511	36.461	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.22	45	155848	34.655	ng	# 46
17) 2-Methylphenol	7.21	107	110216	40.307	ng	# 93
18) Hexachloroethane	7.45	117	42809	32.175	ng	# 89
19) n-Nitroso-di-n-propylamine	7.35	70	91211	38.035	ng	94
20) 3+4-Methylphenols	7.37	107	132475	44.831	ng	90
22) Acetophenone	7.35	105	176271	40.315	ng	# 98
24) Nitrobenzene	7.54	77	132965	37.034	ng	99
25) Isophorone	7.77	82	225697	36.421	ng	97
26) 2-Nitrophenol	7.85	139	60835	35.893	ng	99
27) 2,4-Dimethylphenol	7.88	122	101467	38.732	ng	99
28) bis(2-Chloroethoxy)methane	7.97	93	155686	37.418	ng	99
29) 2,4-Dichlorophenol	8.10	162	108812	39.673	ng	92
30) 1,2,4-Trichlorobenzene	8.17	180	125129	41.414	ng	96
31) Naphthalene	8.25	128	358523	39.238	ng	100
32) Benzoic acid	8.01	122	45846	26.917	ng	99
33) 4-Chloroaniline	8.31	127	145963	38.072	ng	99
34) Hexachlorobutadiene	8.36	225	84148	42.742	ng	99
35) Caprolactam	8.68	113	31768	35.533	ng	98
36) 4-Chloro-3-methylphenol	8.80	107	106948	37.046	ng	96
37) 2-Methylnaphthalene	8.94	142	249427	41.185	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	131443	42.941	ng	# 95
42) 2,4,6-Trichlorophenol	9.23	196	74921	36.822	ng	93

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 Misc :
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Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 06 04:14:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

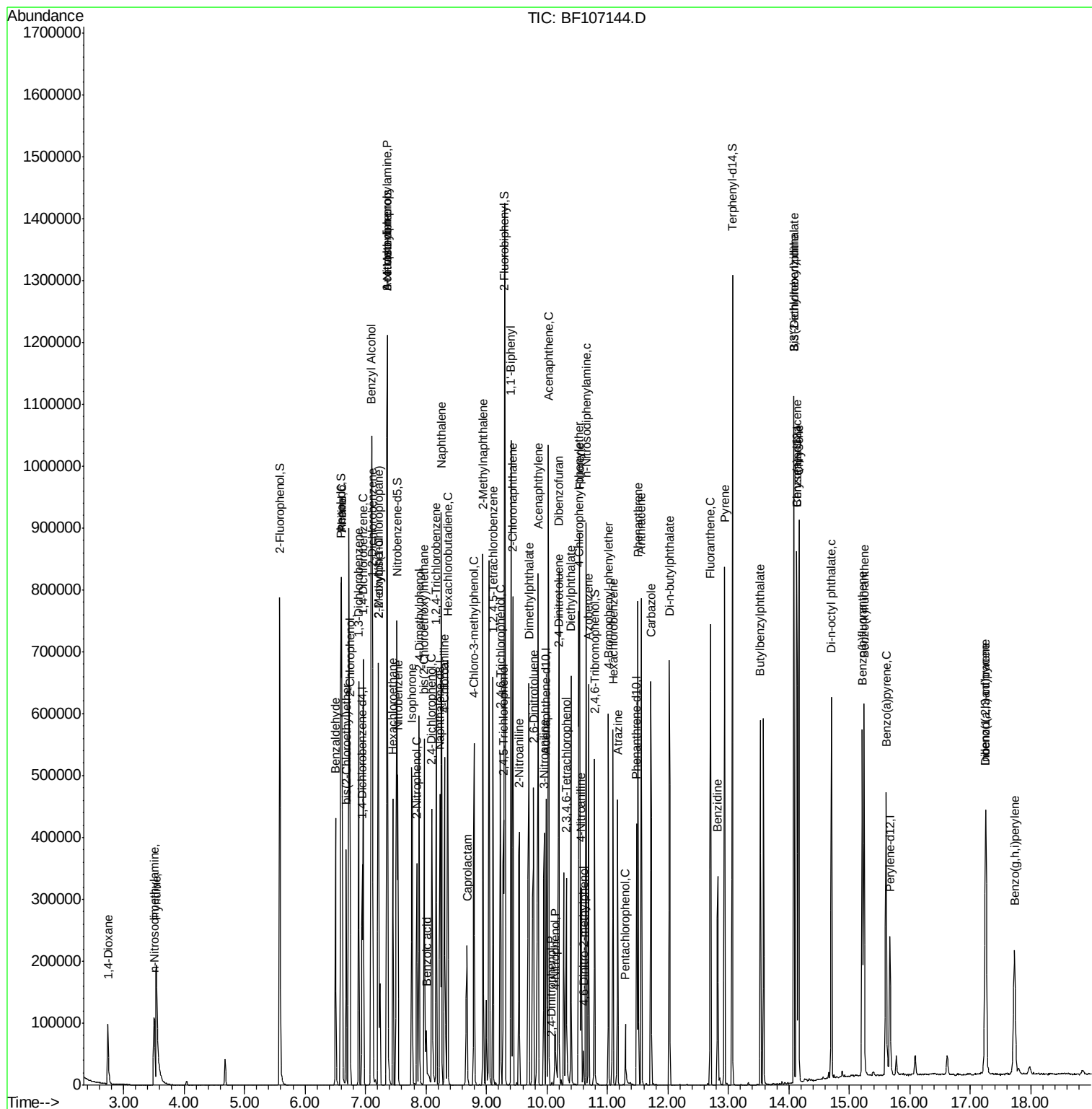
43) 2,4,5-Trichlorophenol	9.28	196	75690	35.650	nq	# 87
45) 1,1'-Biphenyl	9.41	154	313325	43.255	nq	97
46) 2-Chloronaphthalene	9.44	162	217004	38.058	nq	97
47) 2-Nitroaniline	9.54	65	68257	35.599	nq	96
48) Acenaphthylene	9.85	152	334920	37.205	nq	99
49) Dimethylphthalate	9.70	163	263196	38.608	nq	98
50) 2,6-Dinitrotoluene	9.78	165	55322	38.324	nq	# 85
51) Acenaphthene	10.02	154	210310	37.100	nq	98
52) 3-Nitroaniline	9.95	138	60397	36.359	nq	97
53) 2,4-Dinitrophenol	10.08	184	1655	7.410	nq	# 19
54) Dibenzofuran	10.20	168	304361	39.211	nq	96
55) 4-Nitrophenol	10.14	139	21353	18.416	nq	96
56) 2,4-Dinitrotoluene	10.18	165	64028	33.981	nq	# 96
57) Fluorene	10.54	166	236622	38.415	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.32	232	53226	31.537	nq	# 81
59) Diethylphthalate	10.40	149	247985	37.690	nq	# 93
60) 4-Chlorophenyl-phenylether	10.52	204	130018	40.342	nq	# 86
61) 4-Nitroaniline	10.57	138	56302	34.152	nq	97
62) Azobenzene	10.69	77	208014	32.104	nq	91
64) 4,6-Dinitro-2-methylphenol	10.60	198	9213	9.988	nq	# 74
65) n-Nitrosodiphenylamine	10.65	169	214116	42.660	nq	100
66) 4-Bromophenyl-phenylether	11.02	248	80036	44.942	nq	# 80
67) Hexachlorobenzene	11.09	284	78060	41.879	nq	# 86
68) Atrazine	11.17	200	60218	37.740	nq	95
69) Pentachlorophenol	11.30	266	19887	21.383	nq	98
70) Phenanthrene	11.51	178	299888	41.667	nq	99
71) Anthracene	11.56	178	300000	40.837	nq	100
72) Carbazole	11.72	167	266480	38.744	nq	97
73) Di-n-butylphthalate	12.02	149	328376	40.526	nq	99
74) Fluoranthene	12.70	202	320593	40.414	nq	97
76) Benzidine	12.82	184	143483	34.603	nq	99
77) Pyrene	12.94	202	330036	34.375	nq	100
79) Butylbenzylphthalate	13.53	149	125884	31.890	nq	# 97
80) Benzo(a)anthracene	14.12	228	343899	38.755	nq	99
81) 3,3'-Dichlorobenzidine	14.08	252	127548	40.897	nq	# 95
82) Chrysene	14.17	228	321736	39.411	nq	99
83) Bis(2-ethylhexyl)phthalate	14.08	149	162604	32.220	nq	# 96
84) Di-n-octyl phthalate	14.71	149	327016	39.752	nq	95
85) Indeno(1,2,3-cd)pyrene	17.25	276	224253	32.369	nq	# 90
87) Benzo(b)fluoranthene	15.21	252	310001	42.673	nq	# 95
88) Benzo(k)fluoranthene	15.25	252	282888	40.891	nq	# 95
89) Benzo(a)pyrene	15.61	252	251293	38.912	nq	# 96
90) Dibenzo(a,h)anthracene	17.26	278	194850	35.601	nq	# 95
91) Benzo(g,h,i)perylene	17.73	276	179955	33.639	nq	# 90

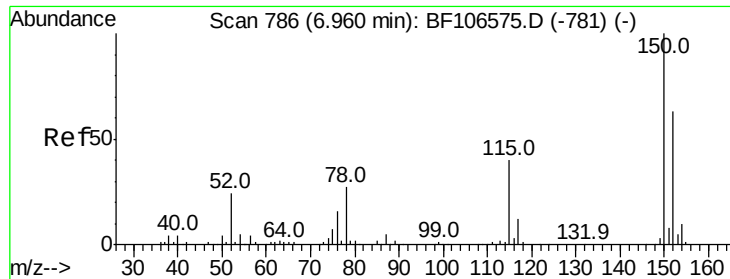
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\  
Data File : BF107144.D  
Acq On    : 6 Jul 2018 1:27  
Operator  : JU/SJ  
Sample    : SSTDCCC040  
Misc      :  
ALS Vial  : 2 Sample Multiplier: 1
```

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 06 04:14:25 2018
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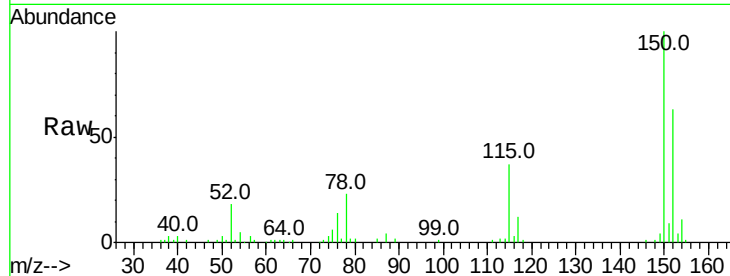


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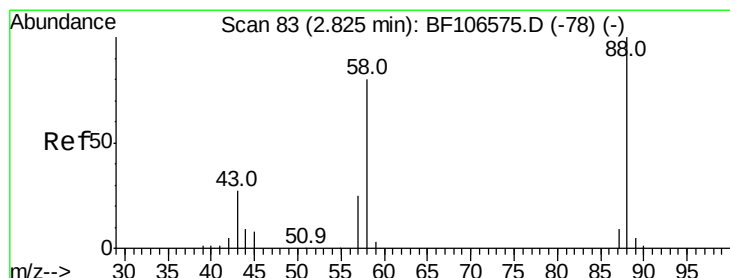
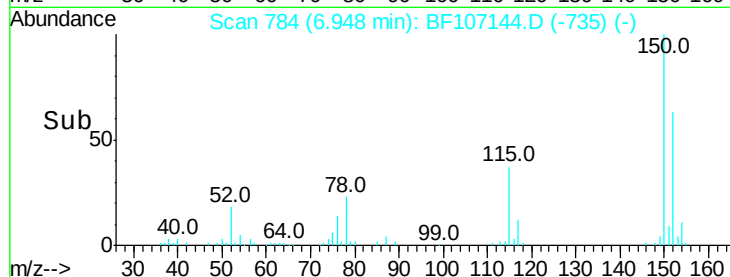
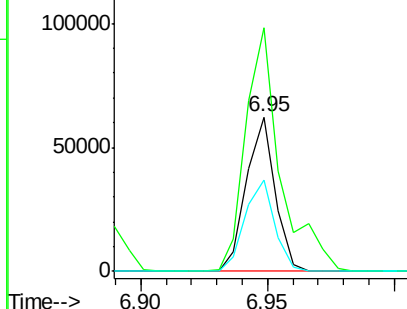
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF107144.D
Acq: 6 Jul 2018 1:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 49330
Ion Ratio Lower Upper
152 100
150 157.6 124.6 186.8
115 58.7 50.1 75.1



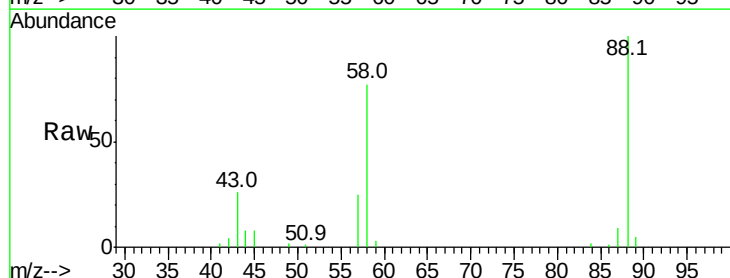
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



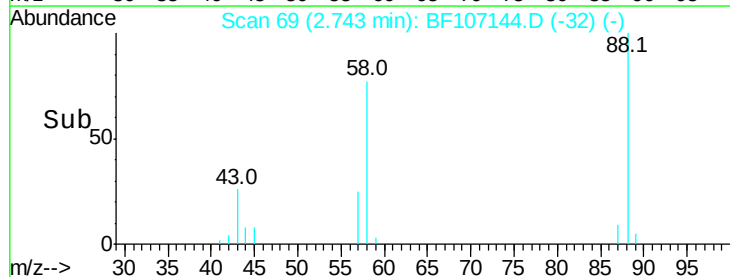
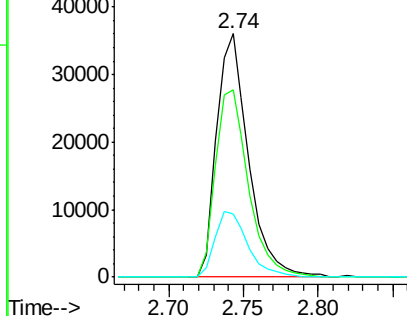
#2

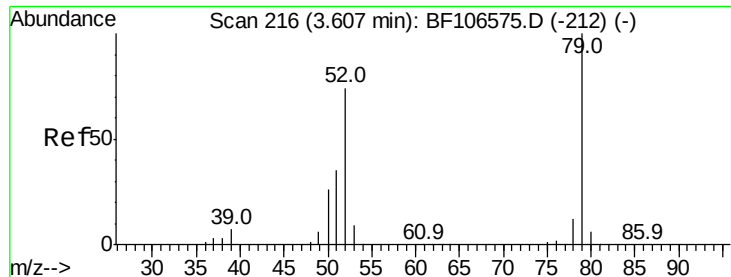
1,4-Dioxane
Concen: 35.970 ng
RT: 2.74 min Scan# 69
Delta R.T. -0.08 min
Lab File: BF107144.D
Acq: 6 Jul 2018 1:27

Tgt Ion: 88 Resp: 53873
Ion Ratio Lower Upper
88 100
58 79.6 62.6 93.8
43 27.8 24.6 37.0



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





#3

Pvridine

Concen: 36.258 ng

RT: 3.54 min Scan# 205

Delta R.T. -0.06 min

Lab File: BF107144.D

Acq: 6 Jul 2018 1:27

Instrument :

BNA_F

ClientSampleId :

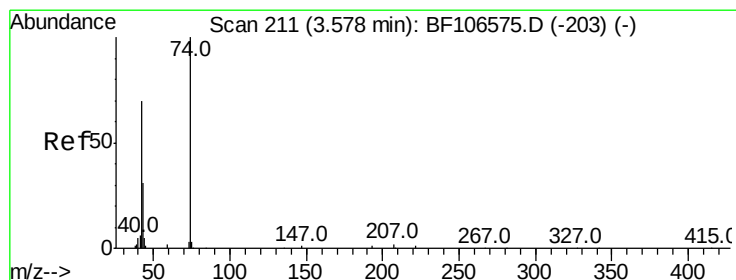
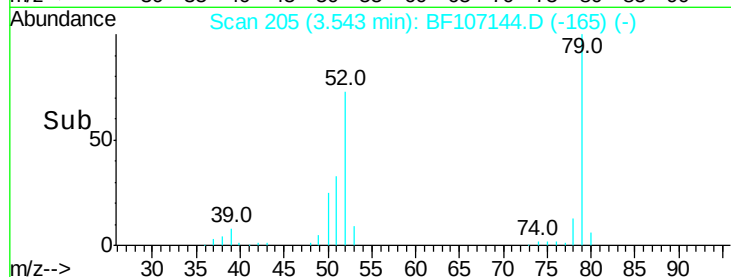
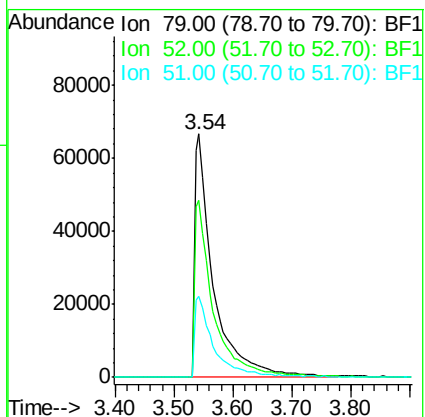
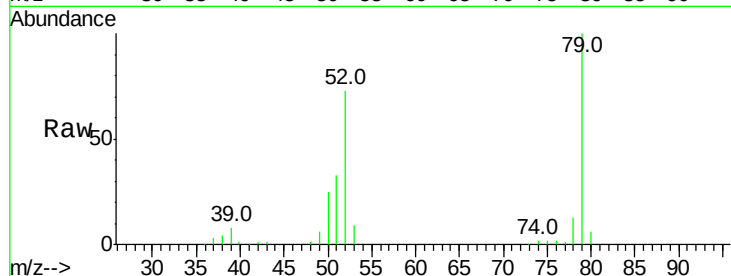
Tot Ion: 79 Resp: 147277

Ion Ratio Lower Upper

79 100

52 72.6 59.8 89.6

51 33.3 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 34.082 ng

RT: 3.51 min Scan# 199

Delta R.T. -0.08 min

Lab File: BF107144.D

Acq: 6 Jul 2018 1:27

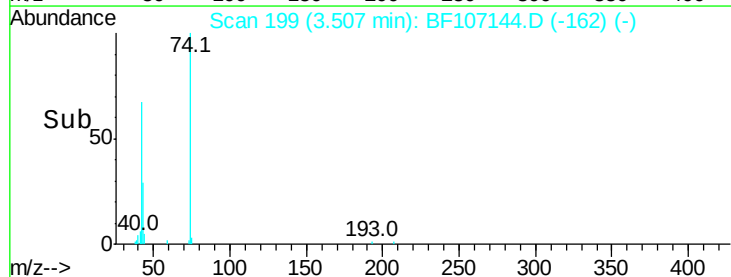
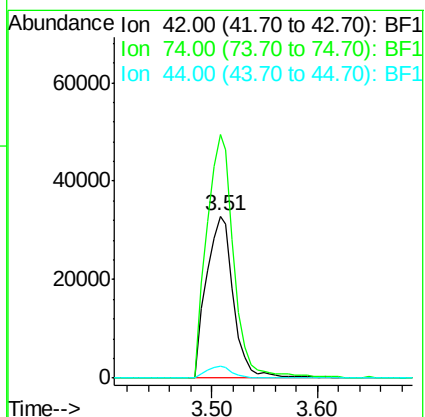
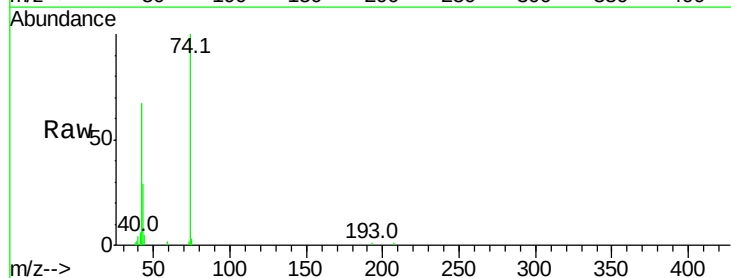
Tgt Ion: 42 Resp: 58798

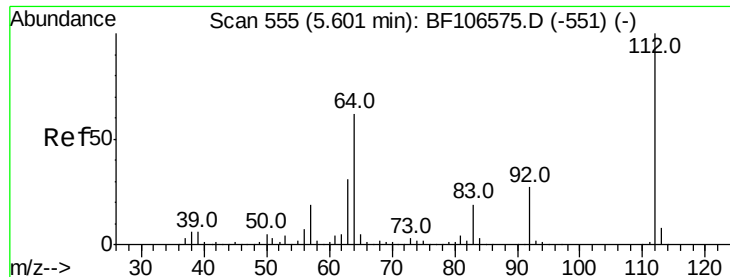
Ion Ratio Lower Upper

42 100

74 150.2 104.9 157.3

44 7.1 6.9 10.3





#5

2-Fluorophenol

Concen: 80.685 ng

RT: 5.58 min Scan# 552

Delta R.T. -0.02 min

Lab File: BF107144.D

Acq: 6 Jul 2018 1:27

Instrument :

BNA_F

ClientSampled :

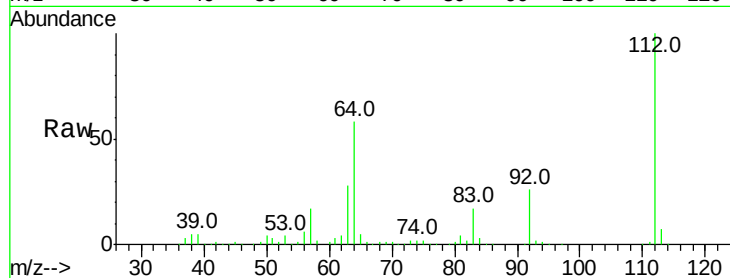
Tot Ion:112 Resp: 235054

Ion Ratio Lower Upper

112 100

64 58.2 47.9 71.9

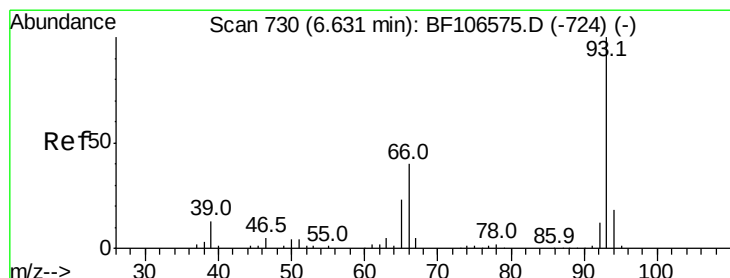
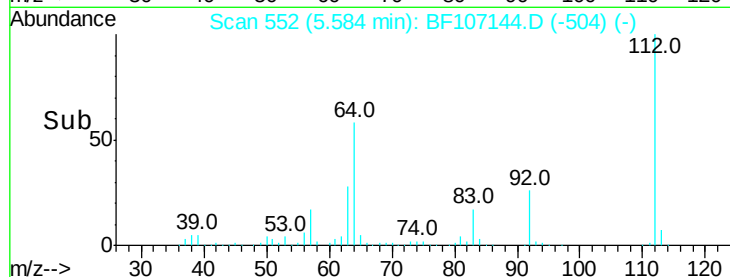
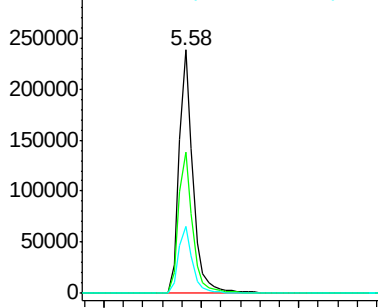
63 27.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 36.937 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF107144.D

Acq: 6 Jul 2018 1:27

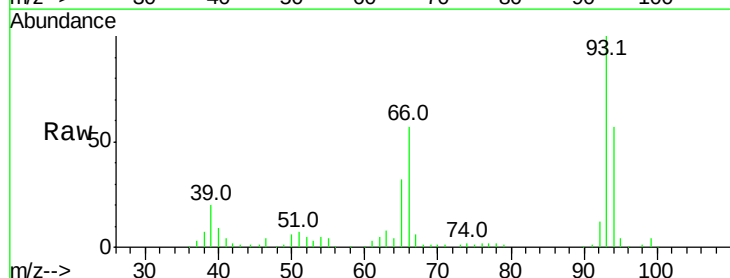
Tgt Ion: 93 Resp: 182283

Ion Ratio Lower Upper

93 100

66 56.6 32.2 48.2#

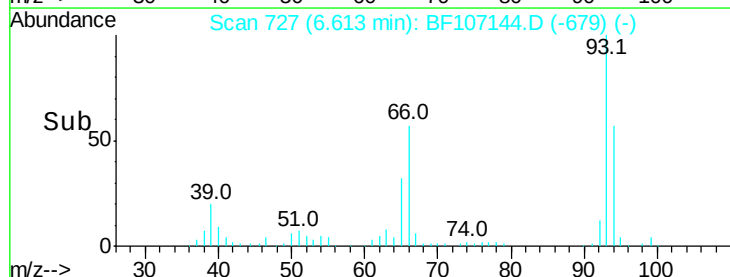
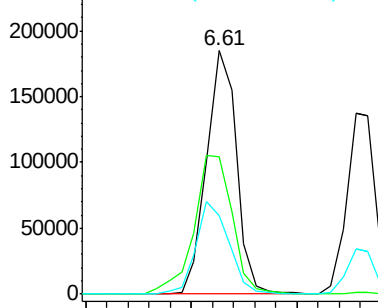
65 32.0 16.4 24.6#

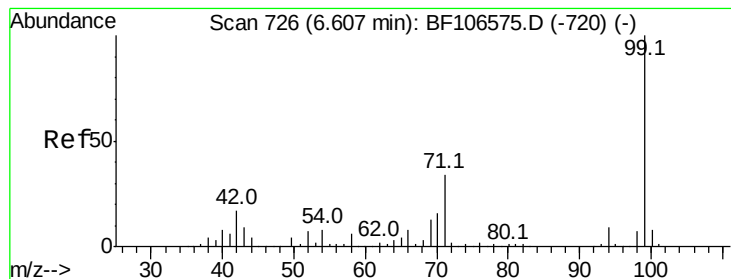


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 78.138 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107144.D

Acq: 6 Jul 2018 1:27

Instrument :

BNA_F

ClientSampleId :

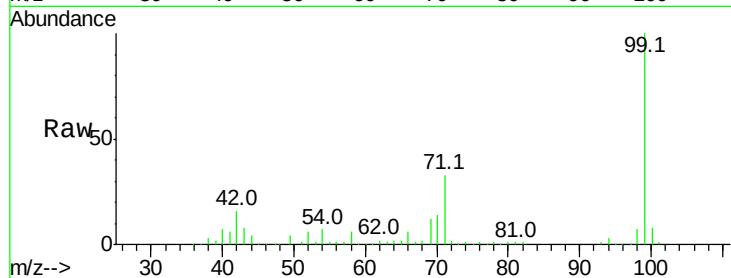
Tot Ion: 99 Resp: 284270

Ion Ratio Lower Upper

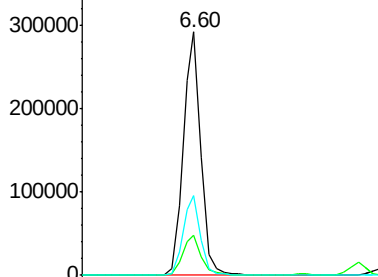
99 100

42 16.2 14.5 21.7

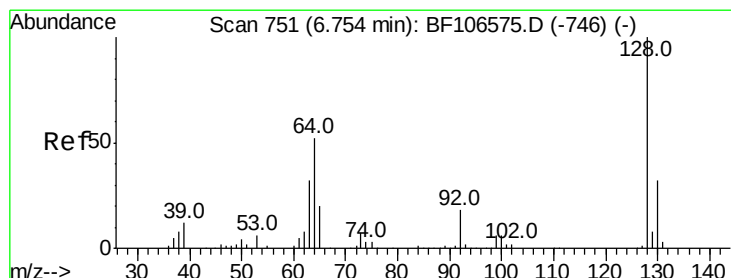
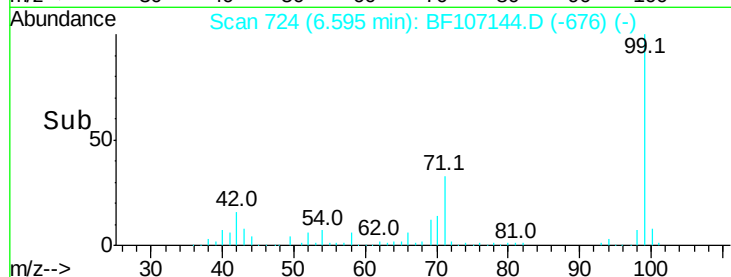
71 32.6 25.4 38.0



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



Time-->



#8

2-Chlorophenol

Concen: 39.597 ng

RT: 6.74 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF107144.D

Acq: 6 Jul 2018 1:27

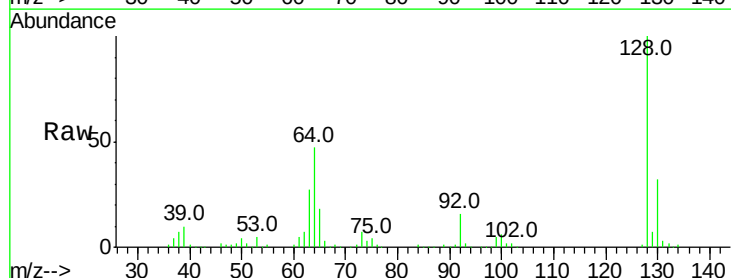
Tgt Ion: 128 Resp: 126522

Ion Ratio Lower Upper

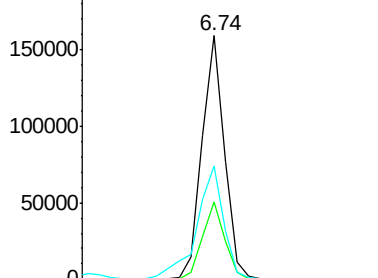
128 100

130 31.5 13.0 53.0

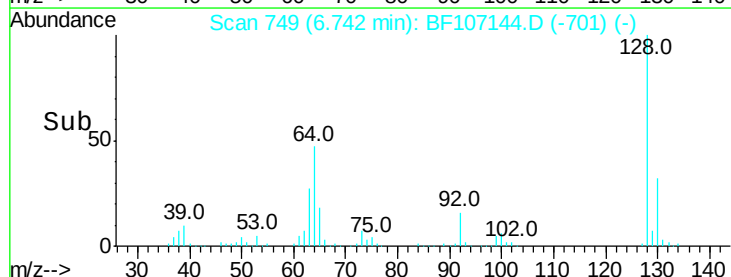
64 46.7 29.4 69.4

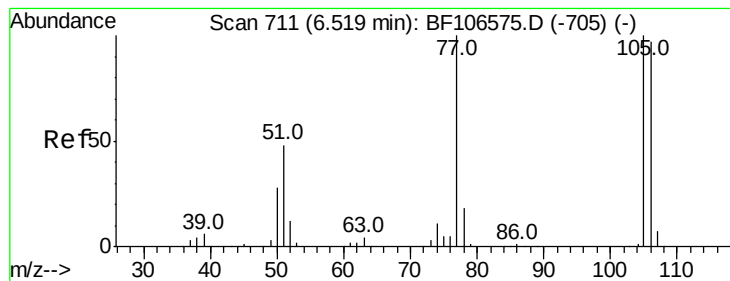


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1



Time-->





#9

Benzaldehyde

Concen: 34.060 ng

RT: 6.51 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF107144.D

Acq: 6 Jul 2018 1:27

Instrument :

BNA_F

ClientSampleId :

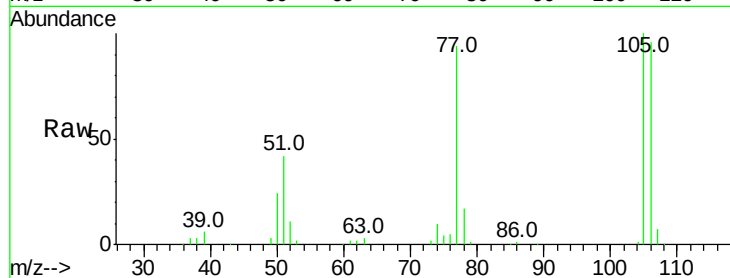
Tot Ion: 77 Resp: 87604

Ion Ratio Lower Upper

77 100

105 106.0 81.1 121.1

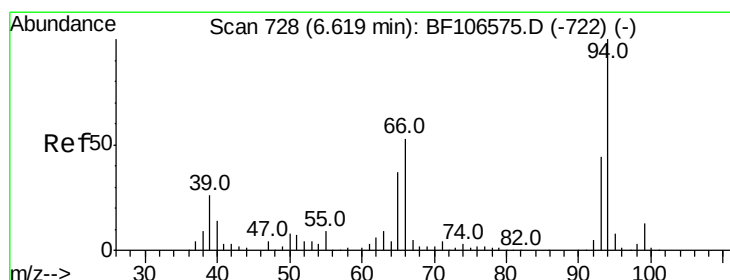
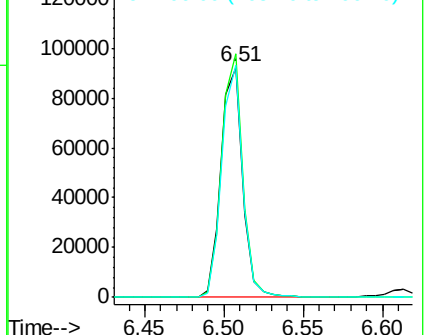
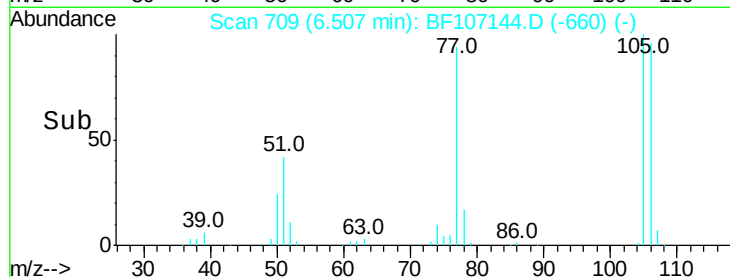
106 101.3 74.5 114.5



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: 37.707 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF107144.D

Acq: 6 Jul 2018 1:27

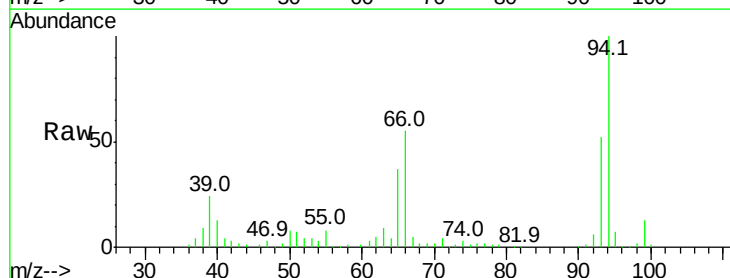
Tgt Ion: 94 Resp: 156555

Ion Ratio Lower Upper

94 100

65 36.7 7.9 47.9

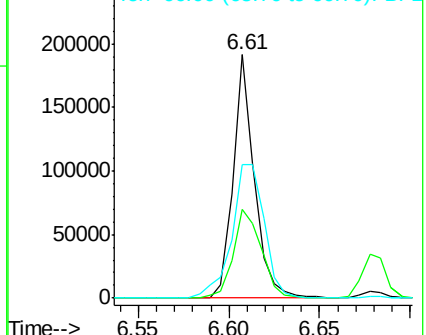
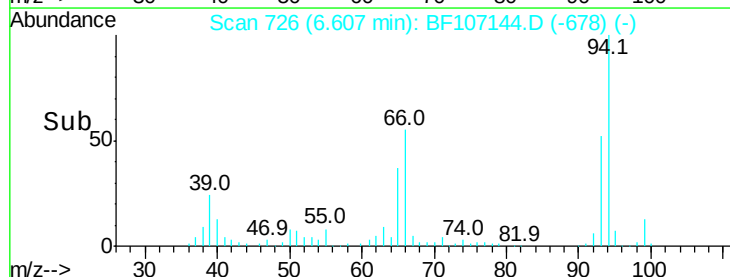
66 54.9 16.2 56.2

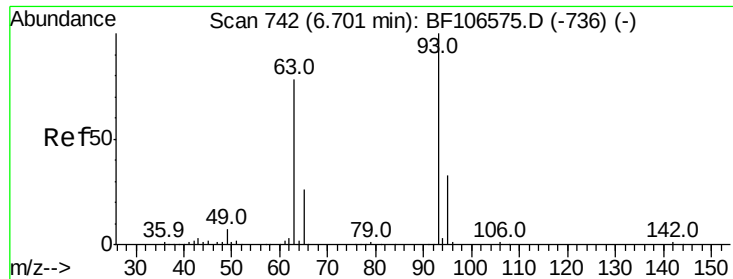


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

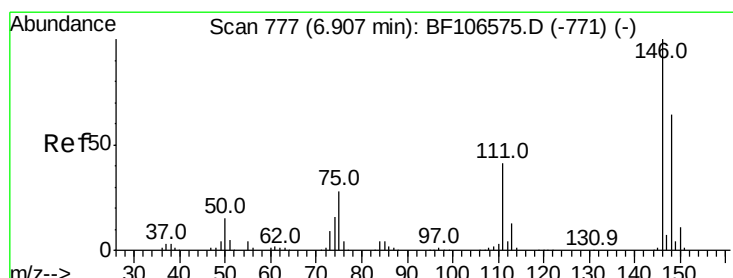
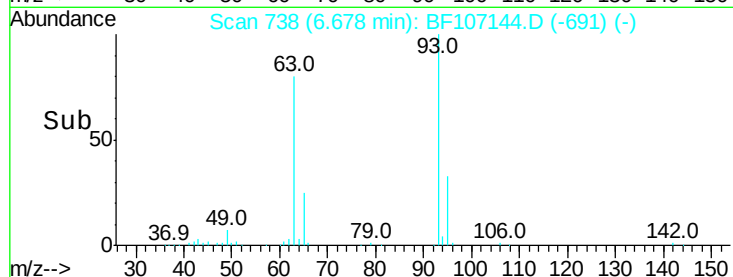
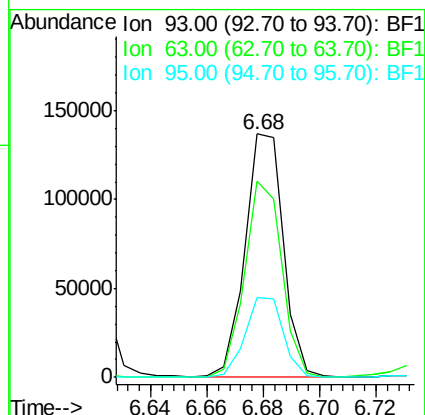
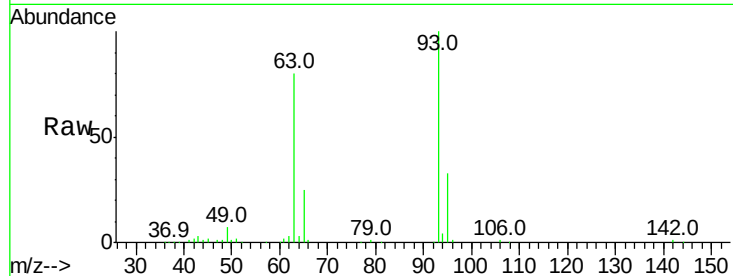




#11
bis(2-Chloroethyl)ether
Concen: 37.643 ng
RT: 6.68 min Scan# 738
Delta R.T. -0.02 min
Lab File: BF107144.D
Acq: 6 Jul 2018 1:27

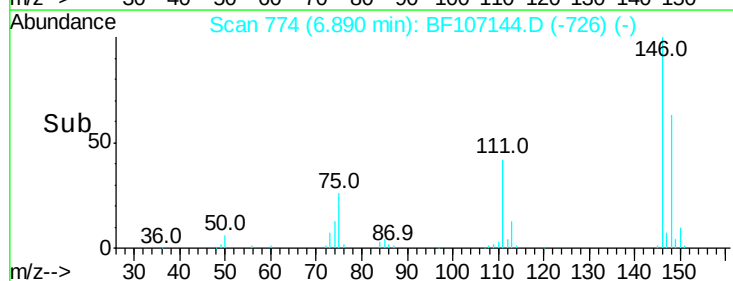
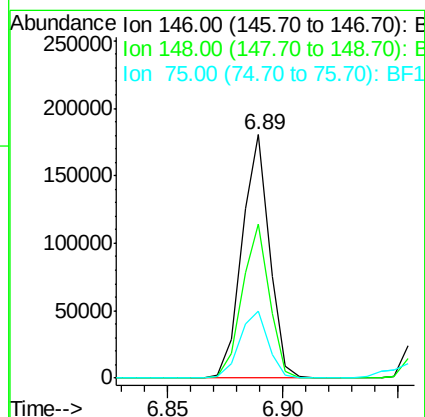
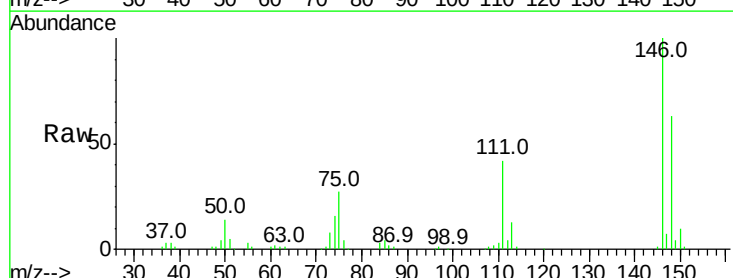
Instrument :
BNA_F
ClientSampleId :

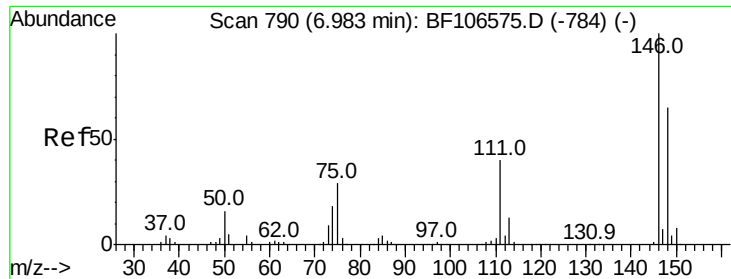
Tot Ion: 93 Resp: 129024
Ion Ratio Lower Upper
93 100
63 80.5 58.6 98.6
95 32.8 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 39.828 ng
RT: 6.89 min Scan# 774
Delta R.T. -0.02 min
Lab File: BF107144.D
Acq: 6 Jul 2018 1:27

Tgt Ion: 146 Resp: 149051
Ion Ratio Lower Upper
146 100
148 63.4 51.8 77.8
75 27.5 24.2 36.4

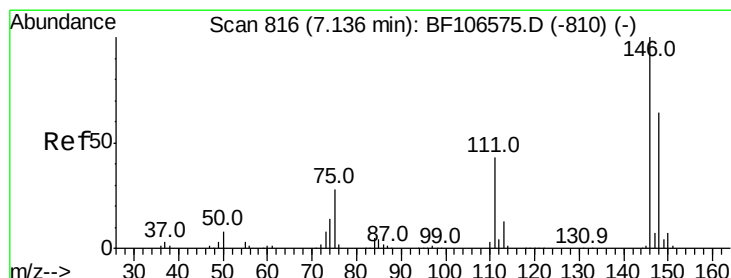
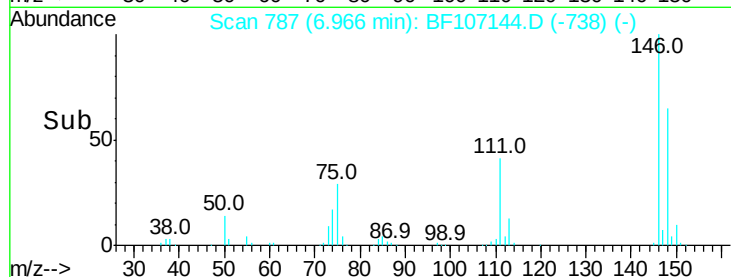
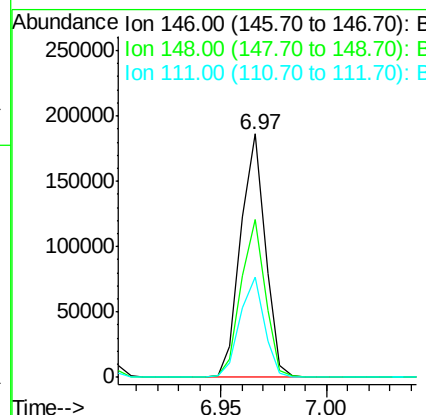
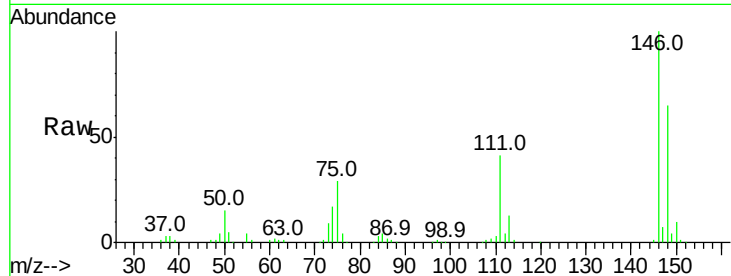




#13
 1,4-Dichlorobenzene
 Concen: 39.641 ng
 RT: 6.97 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF107144.D
 Acq: 6 Jul 2018 1:27

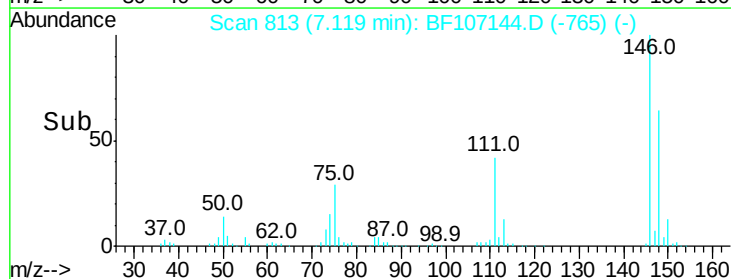
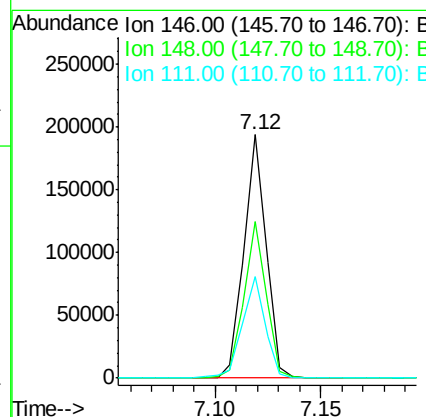
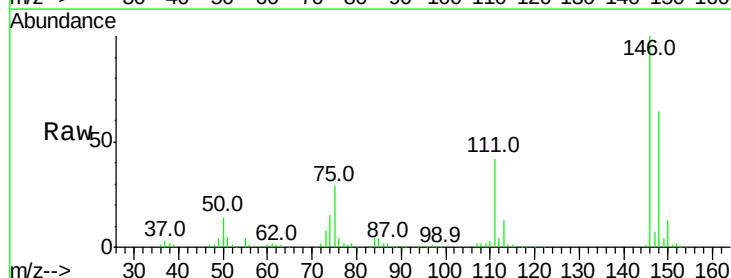
Instrument :
 BNA_F
 ClientSampleId :

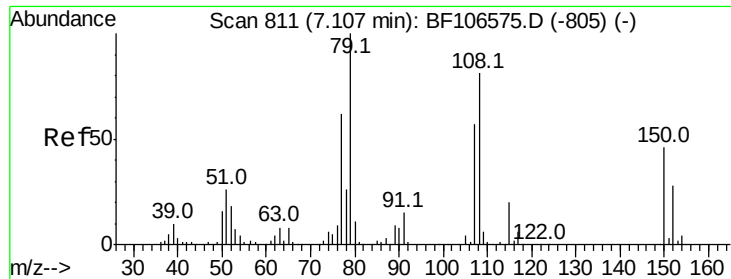
Tot Ion:146 Resp: 149984
 Ion Ratio Lower Upper
 146 100
 148 65.0 50.8 76.2
 111 41.2 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 40.490 ng
 RT: 7.12 min Scan# 813
 Delta R.T. -0.02 min
 Lab File: BF107144.D
 Acq: 6 Jul 2018 1:27

Tgt Ion:146 Resp: 140398
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.6 75.8
 111 41.7 36.0 54.0

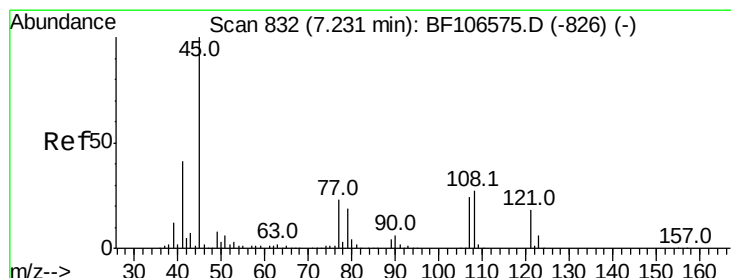
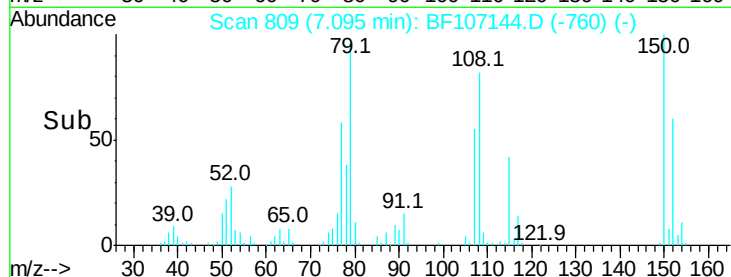
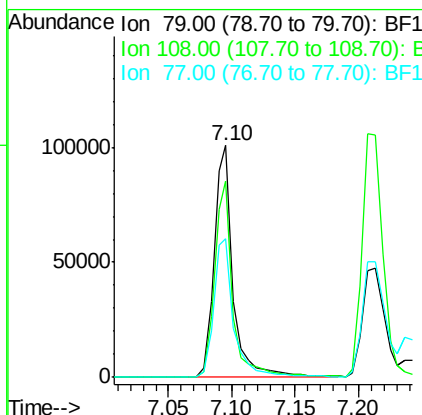
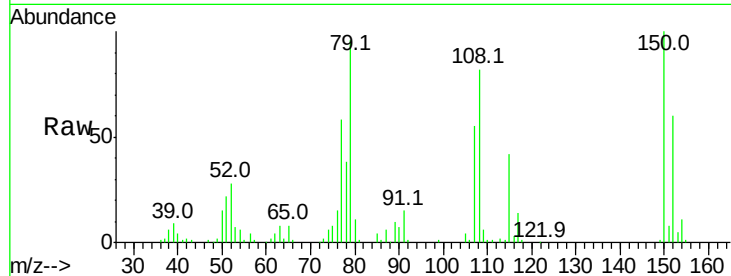




#15
Benzyl Alcohol
Concen: 36.461 ng
RT: 7.10 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF107144.D
Acq: 6 Jul 2018 1:27

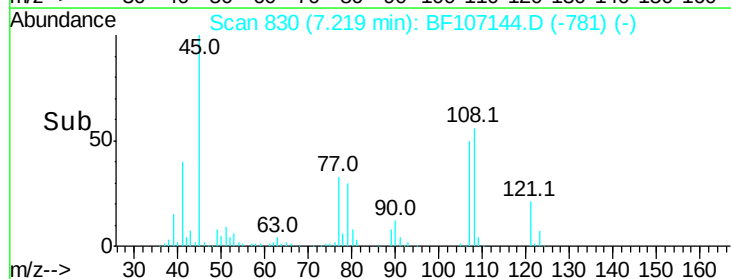
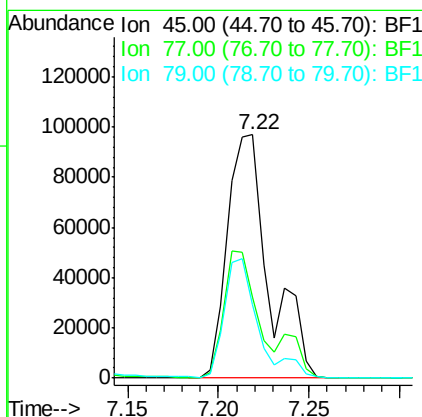
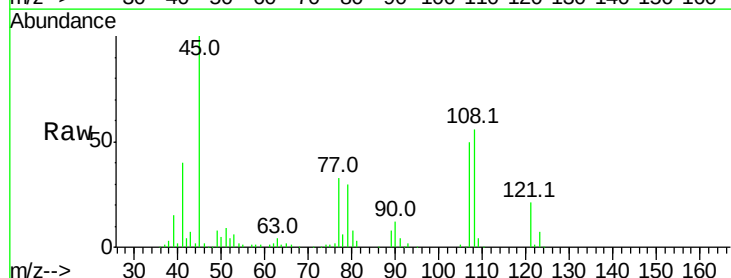
Instrument :
BNA_F
ClientSampleId :

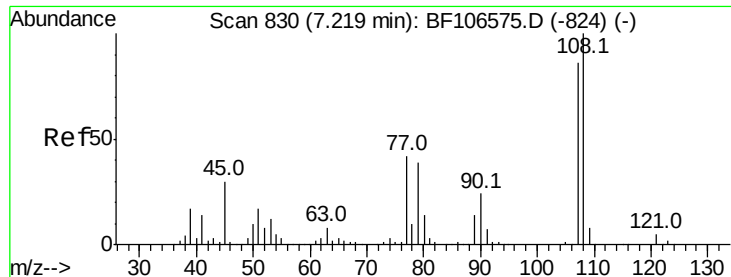
Tot Ion: 79 Resp: 106511
Ion Ratio Lower Upper
79 100
108 85.0 65.1 97.7
77 59.8 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 34.655 ng
RT: 7.22 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF107144.D
Acq: 6 Jul 2018 1:27

Tgt Ion: 45 Resp: 155848
Ion Ratio Lower Upper
45 100
77 33.4 0.0 32.9#
79 30.4 0.0 29.6#

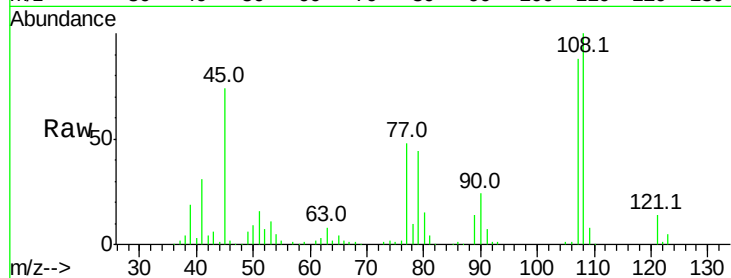




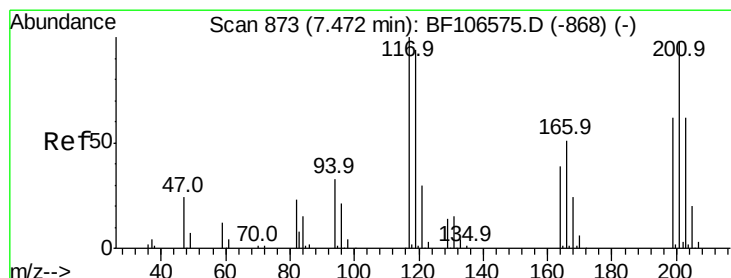
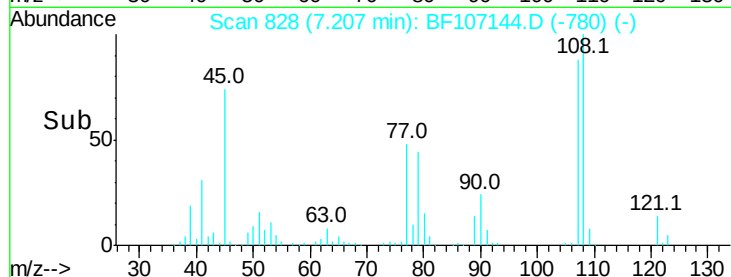
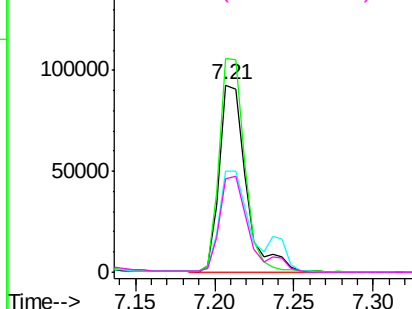
#17
2-Methylphenol
Concen: 40.307 ng
RT: 7.21 min Scan# 828
Delta R.T. -0.02 min
Lab File: BF107144.D
Acq: 6 Jul 2018 1:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 110216
Ion Ratio Lower Upper
107 100
108 113.9 91.7 137.5
77 54.3 33.8 50.8#
79 49.8 33.8 50.8

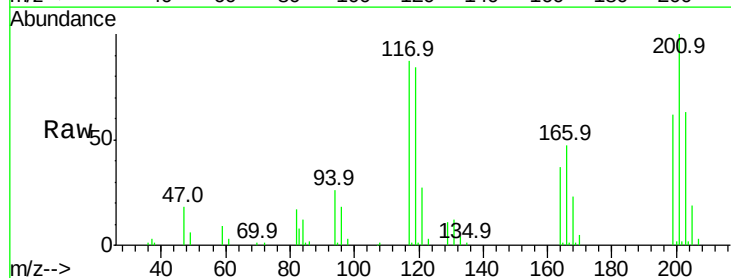


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

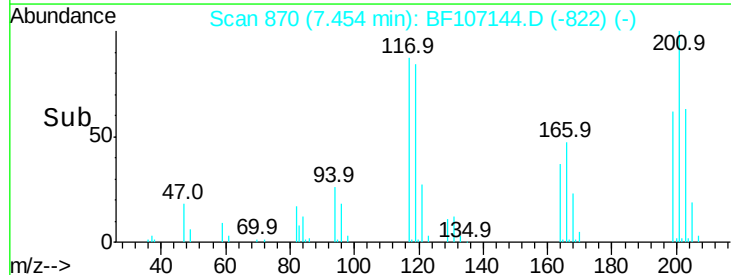
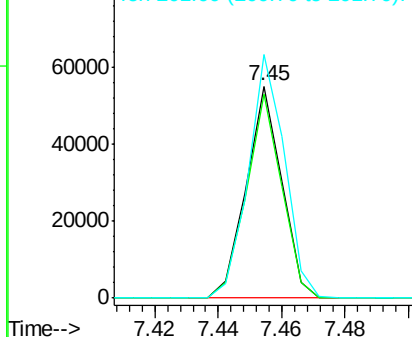


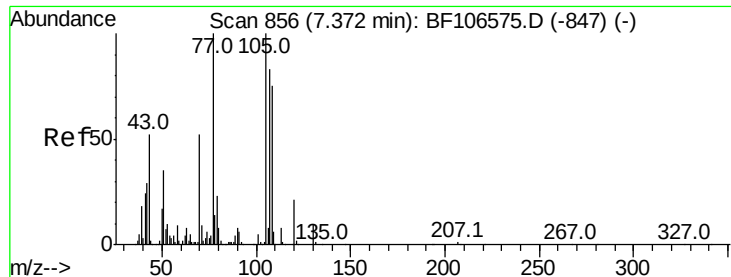
#18
Hexachloroethane
Concen: 32.175 ng
RT: 7.45 min Scan# 870
Delta R.T. -0.02 min
Lab File: BF107144.D
Acq: 6 Jul 2018 1:27

Tgt Ion:117 Resp: 42809
Ion Ratio Lower Upper
117 100
119 96.0 75.8 113.8
201 114.8 75.7 113.5#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

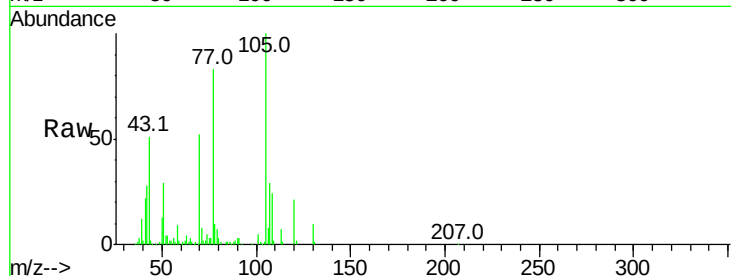




#19
n-Nitroso-di-n-propylamine
Concen: 38.035 ng
RT: 7.35 min Scan# 853
Delta R.T. -0.03 min
Lab File: BF107144.D
Acq: 6 Jul 2018 1:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	53.7	47.5	71.3
101	9.1	7.4	11.2
130	18.6	16.6	25.0



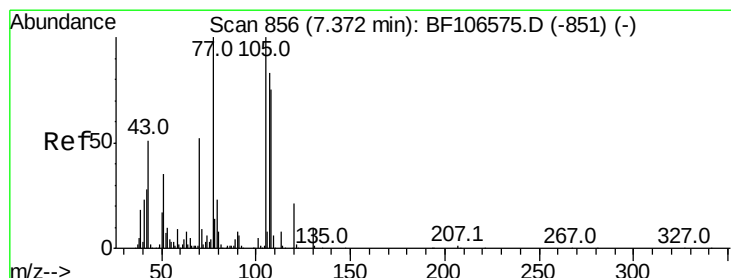
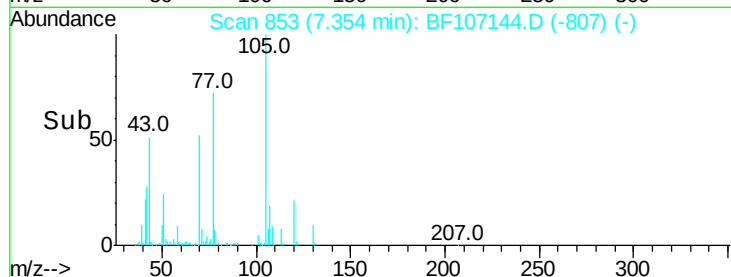
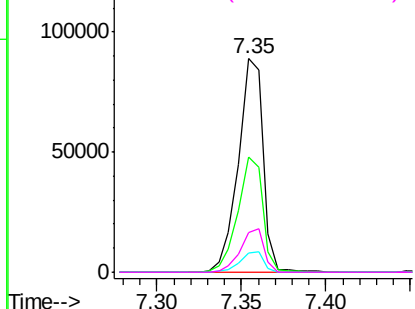
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 44.831 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF107144.D
Acq: 6 Jul 2018 1:27

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.7	68.2	108.2
77	61.1	26.7	66.7
79	28.7	6.3	46.3

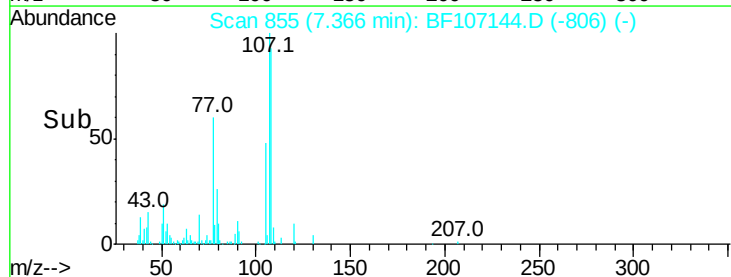
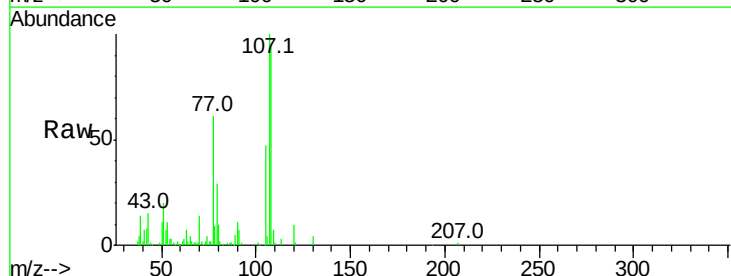
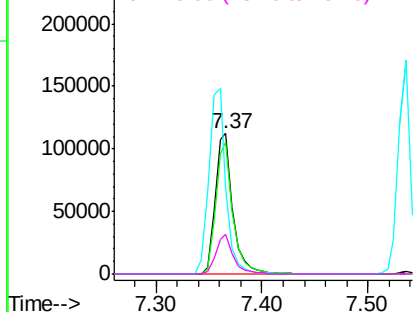
Abundance

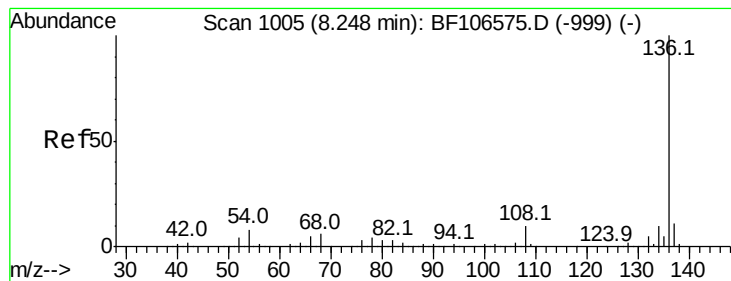
Ion 107.00 (106.70 to 107.70): BF1

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: 8.23 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BF107144.D

Acq: 6 Jul 2018 1:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 195434

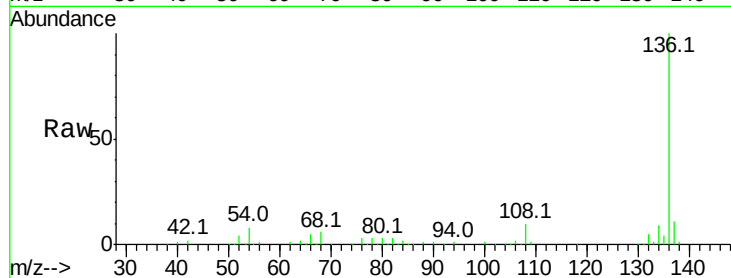
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.2 6.6 9.8

68 6.5 5.0 7.4

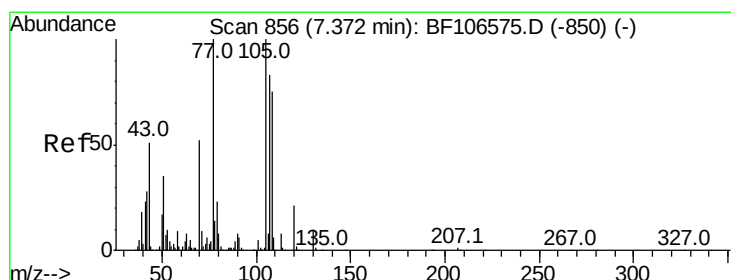
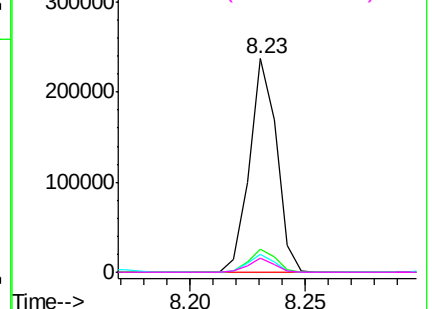
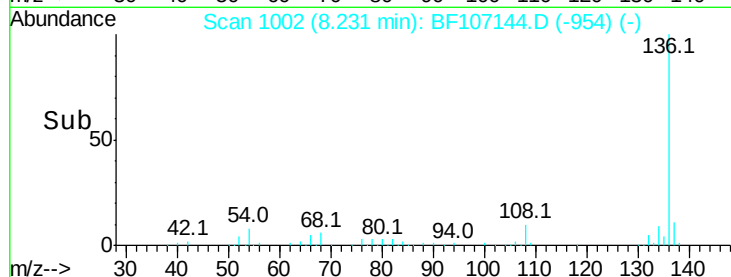


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.315 ng

RT: 7.35 min Scan# 853

Delta R.T. -0.02 min

Lab File: BF107144.D

Acq: 6 Jul 2018 1:27

Tgt Ion:105 Resp: 176271

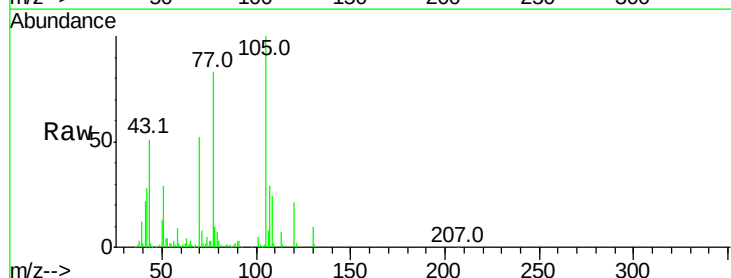
Ion Ratio Lower Upper

105 100

71 8.3 4.4 6.6#

51 29.1 22.3 33.5

120 20.8 16.9 25.3

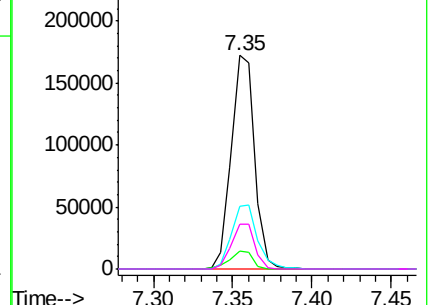
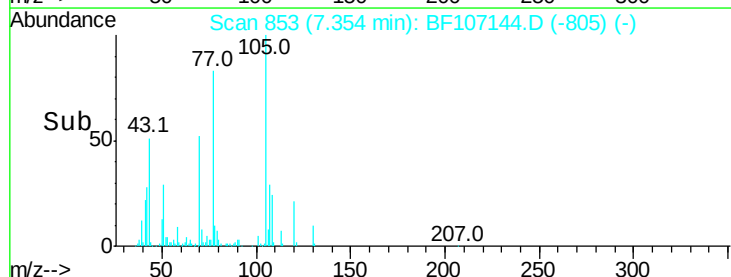


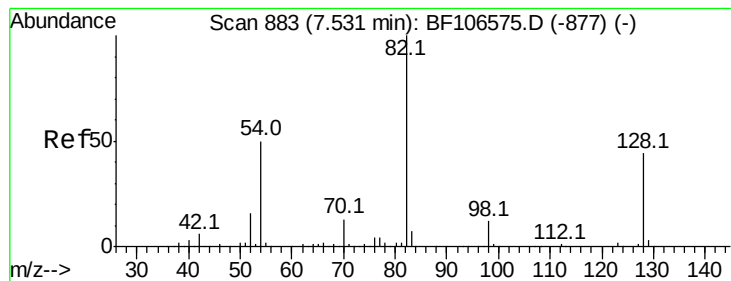
Abundance Ion 105.00 (104.70 to 105.70): E

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: 74.230 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.02 min

Lab File: BF107144.D

Acq: 6 Jul 2018 1:27

Instrument :

BNA_F

ClientSampleId :

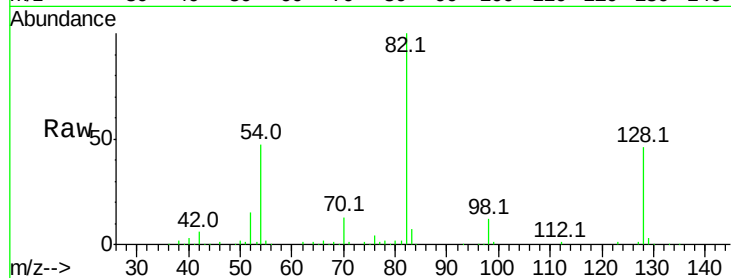
Tot Ion: 82 Resp: 261041

Ion Ratio Lower Upper

82 100

128 45.9 36.1 54.1

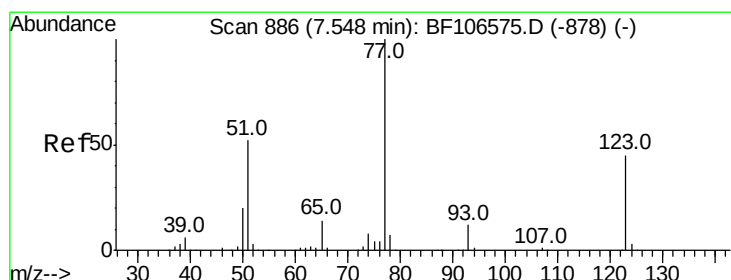
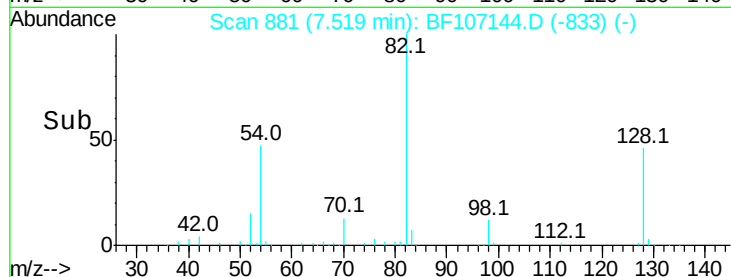
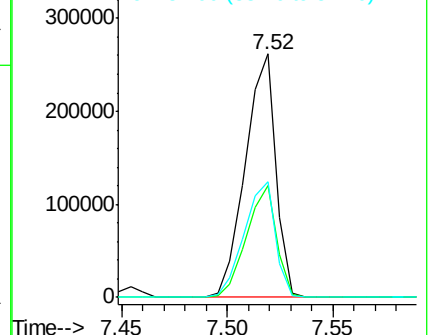
54 47.5 41.4 62.2



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: 37.034 ng

RT: 7.54 min Scan# 884

Delta R.T. -0.02 min

Lab File: BF107144.D

Acq: 6 Jul 2018 1:27

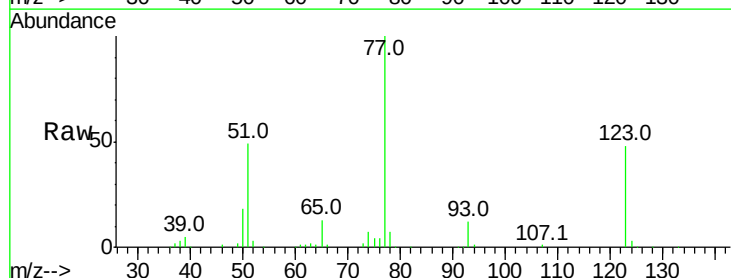
Tgt Ion: 77 Resp: 132965

Ion Ratio Lower Upper

77 100

123 48.2 37.9 56.9

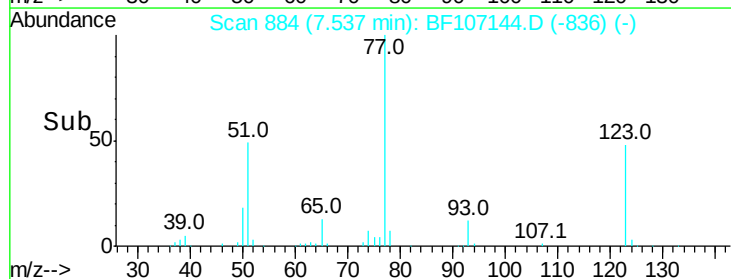
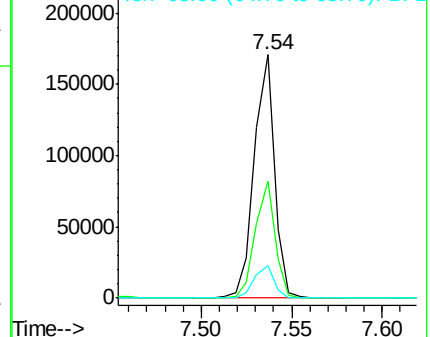
65 13.4 11.0 16.4

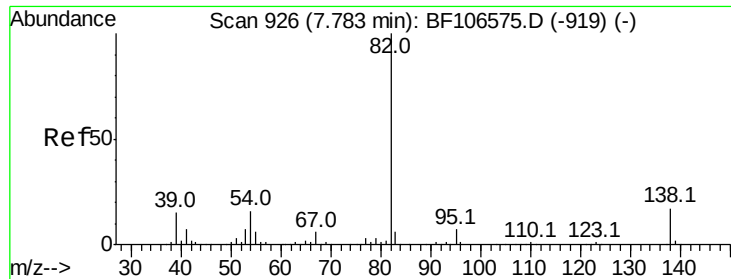


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 36.421 ng

RT: 7.77 min Scan# 923

Delta R.T. -0.02 min

Lab File: BF107144.D

Acq: 6 Jul 2018 1:27

Instrument :

BNA_F

ClientSampleId :

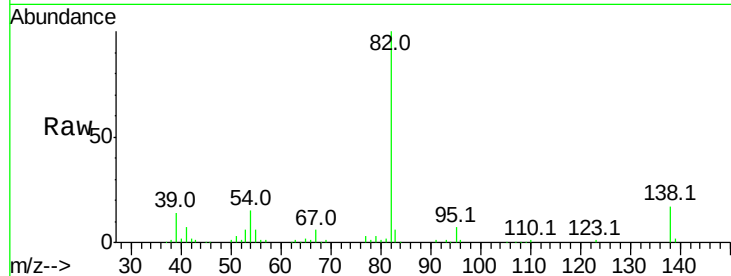
Tot Ion: 82 Resp: 225697

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

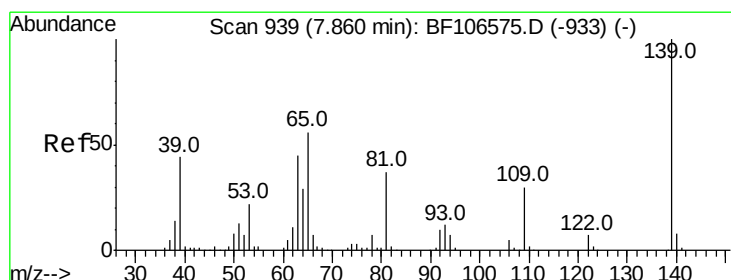
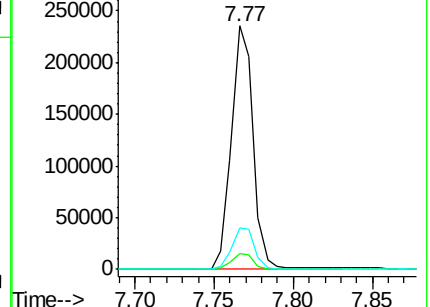
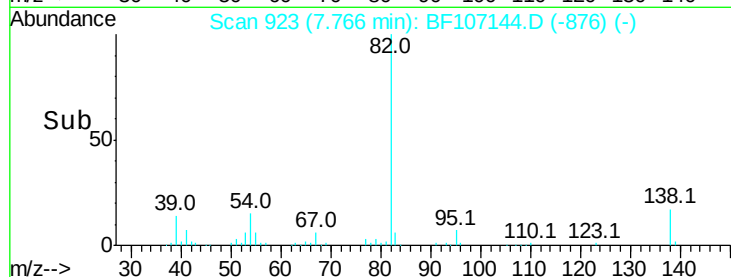
138 17.0 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 35.893 ng

RT: 7.85 min Scan# 937

Delta R.T. -0.02 min

Lab File: BF107144.D

Acq: 6 Jul 2018 1:27

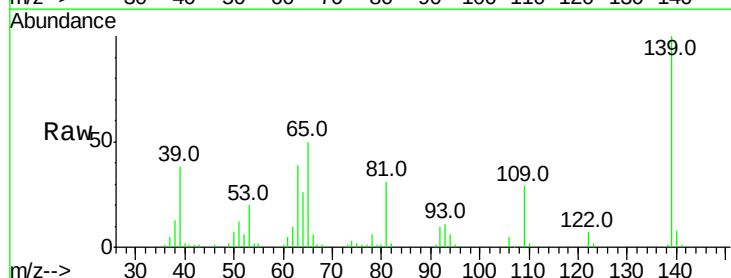
Tgt Ion:139 Resp: 60835

Ion Ratio Lower Upper

139 100

109 28.8 22.7 34.1

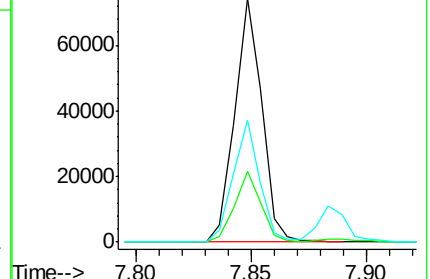
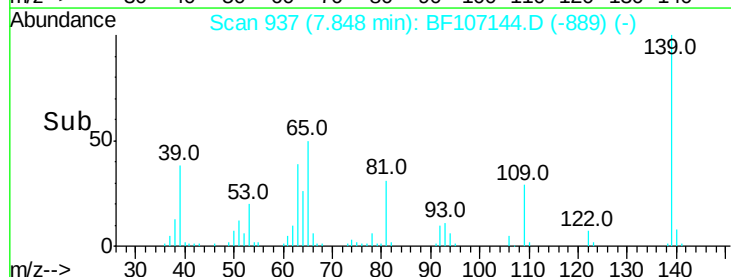
65 49.9 40.5 60.7

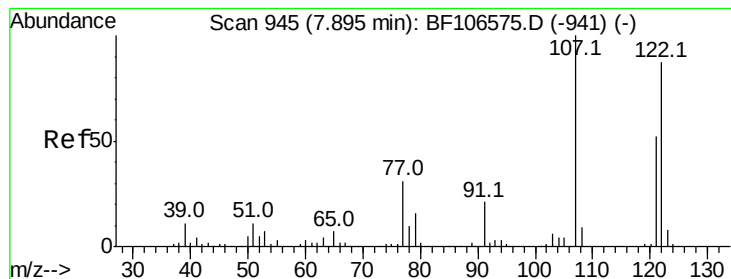


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 38.732 ng

RT: 7.88 min Scan# 943

Delta R.T. -0.02 min

Lab File: BF107144.D

Acq: 6 Jul 2018 1:27

Instrument :

BNA_F

ClientSampleId :

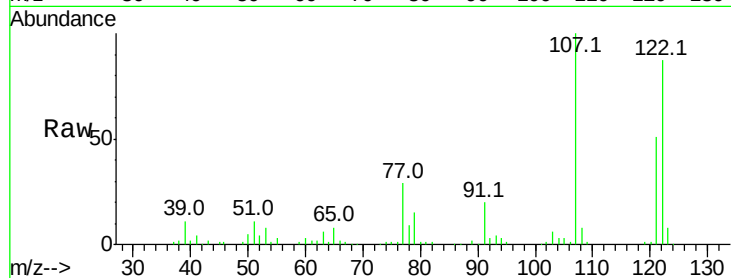
Tot Ion:122 Resp: 101467

Ion Ratio Lower Upper

122 100

107 115.2 91.2 136.8

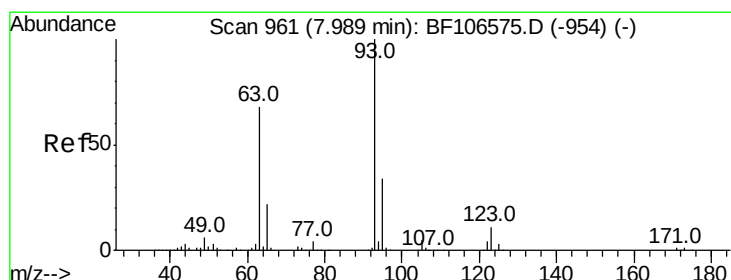
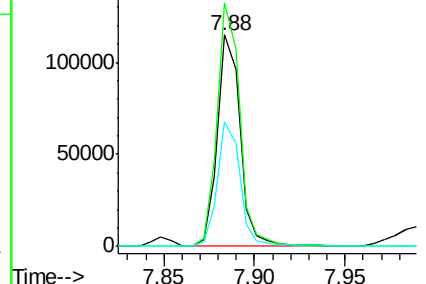
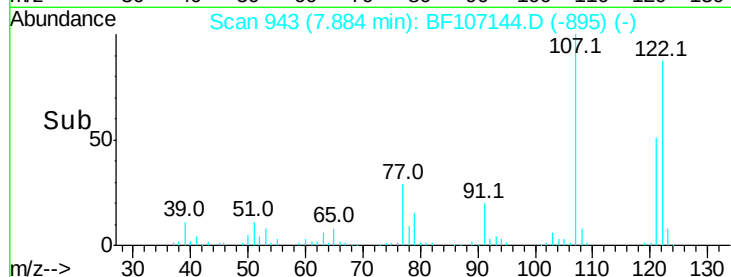
121 58.9 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.418 ng

RT: 7.97 min Scan# 958

Delta R.T. -0.02 min

Lab File: BF107144.D

Acq: 6 Jul 2018 1:27

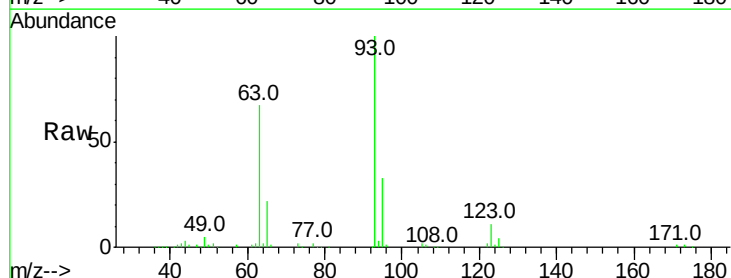
Tgt Ion: 93 Resp: 155686

Ion Ratio Lower Upper

93 100

95 33.0 26.3 39.5

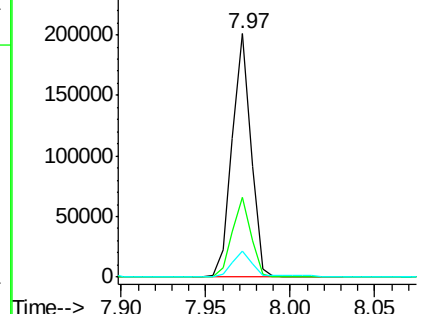
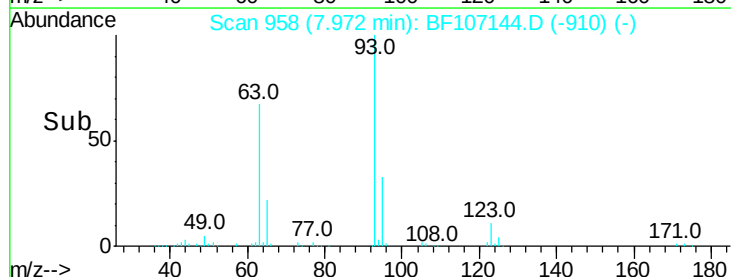
123 10.9 9.8 14.6

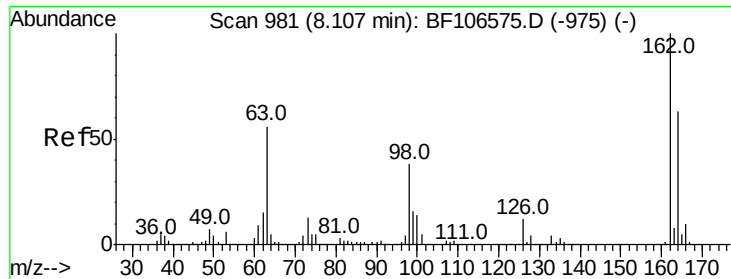


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

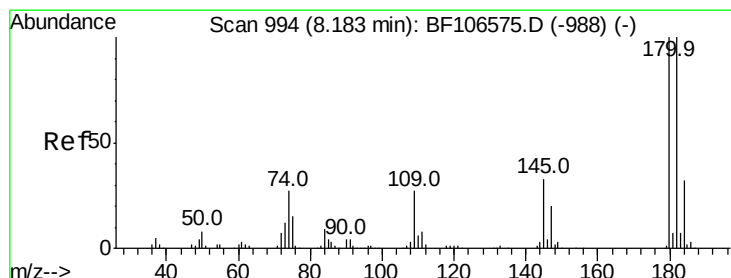
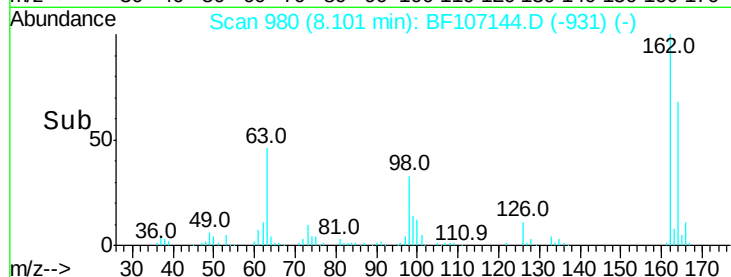
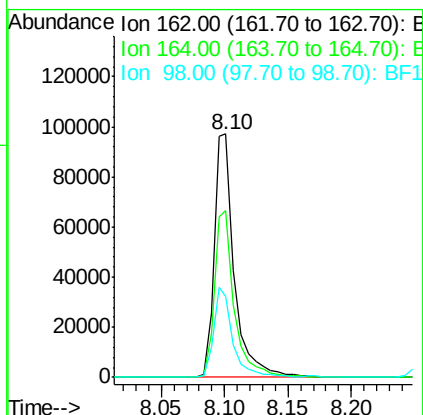
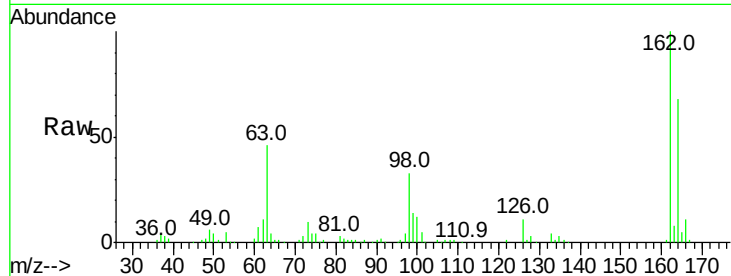




#29
 2,4-Dichlorophenol
 Concen: 39.673 ng
 RT: 8.10 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF107144.D
 Acq: 6 Jul 2018 1:27

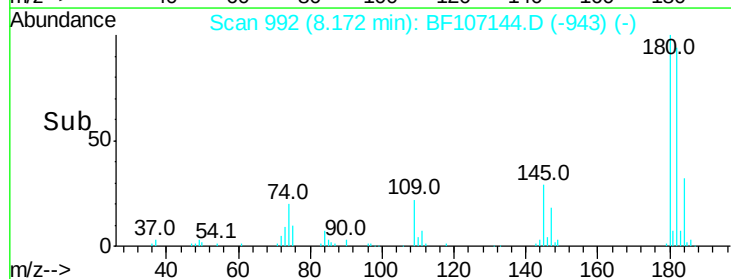
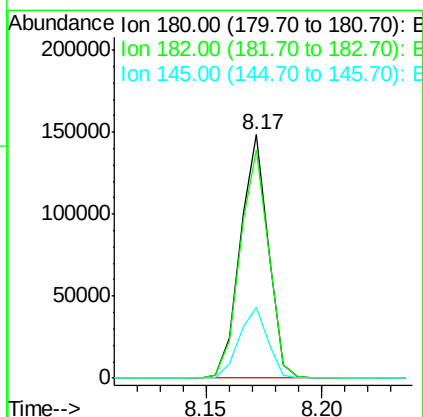
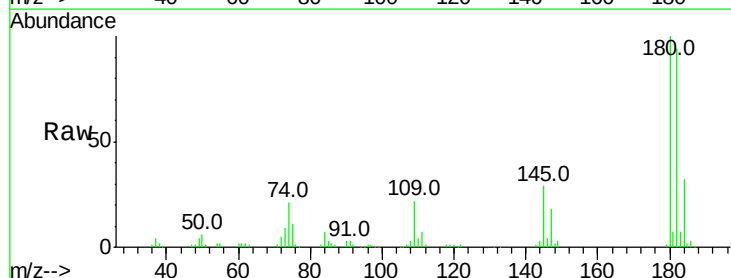
Instrument :
 BNA_F
 ClientSampleId :

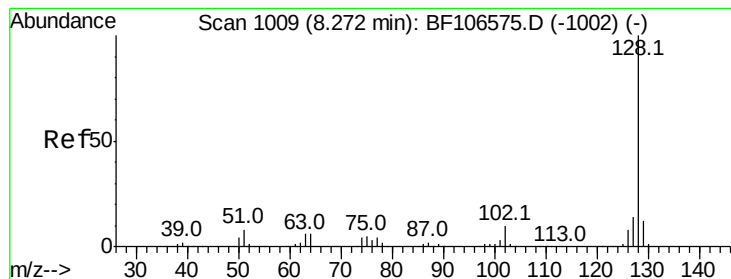
Tot Ion	Ratio	Lower	Upper
162	100		
164	68.4	42.7	82.7
98	33.3	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 41.414 ng
 RT: 8.17 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BF107144.D
 Acq: 6 Jul 2018 1:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	76.8	115.2
145	29.1	26.5	39.7





#31

Naphthalene

Concen: 39.238 ng

RT: 8.25 min Scan# 1006

Delta R.T. -0.02 min

Lab File: BF107144.D

Acq: 6 Jul 2018 1:27

Instrument :

BNA_F

ClientSampleId :

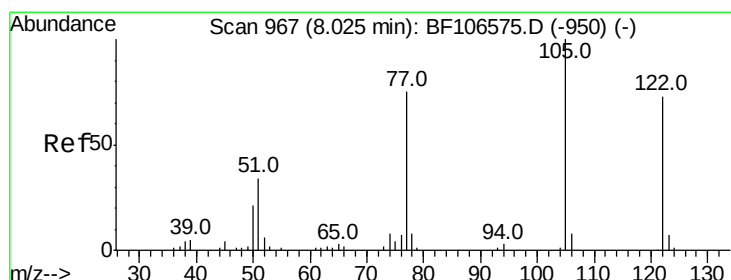
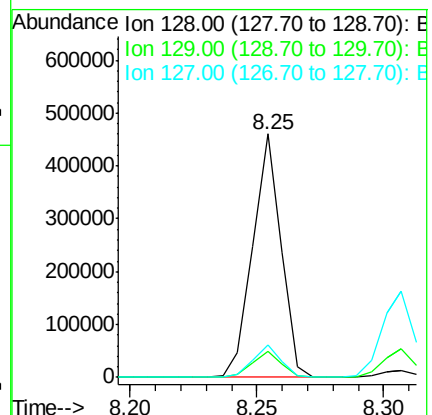
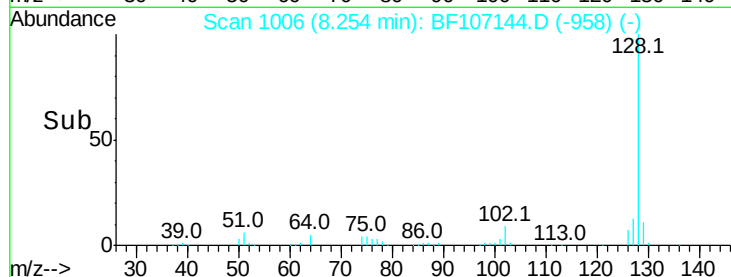
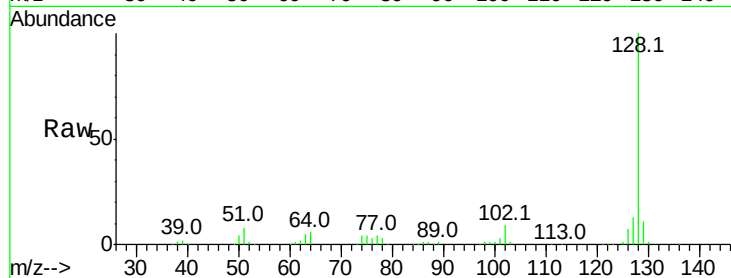
Tot Ion:128 Resp: 358523

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

127 13.4 10.9 16.3



#32

Benzoic acid

Concen: 26.917 ng

RT: 8.01 min Scan# 964

Delta R.T. -0.04 min

Lab File: BF107144.D

Acq: 6 Jul 2018 1:27

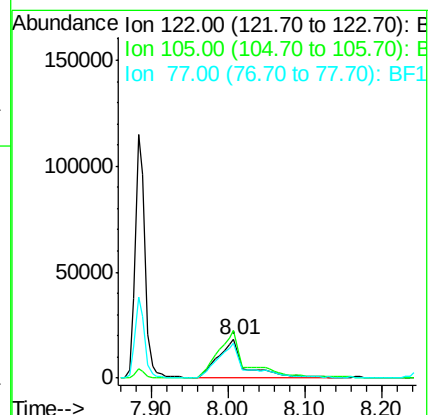
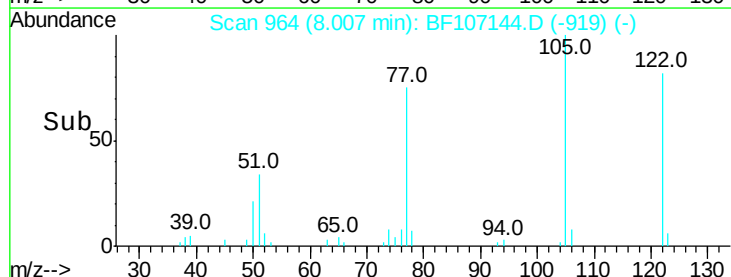
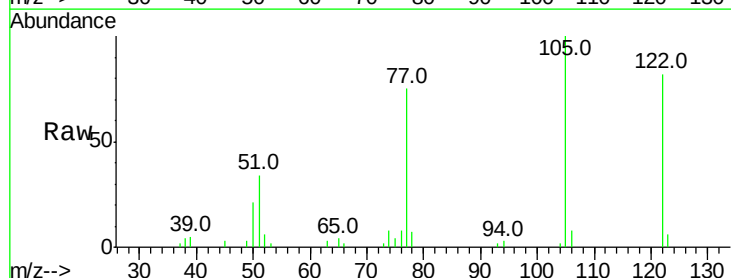
Tgt Ion:122 Resp: 45846

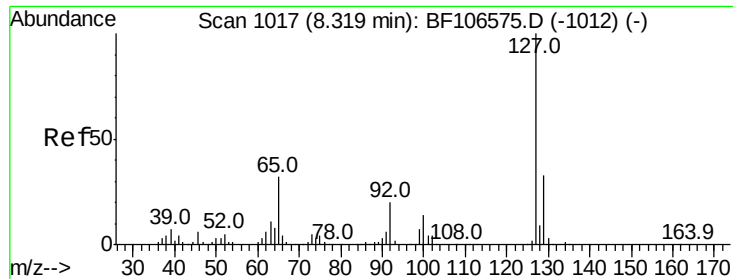
Ion Ratio Lower Upper

122 100

105 122.5 101.1 141.1

77 91.3 70.7 110.7

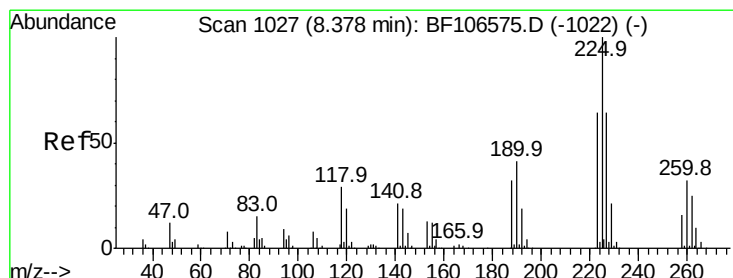
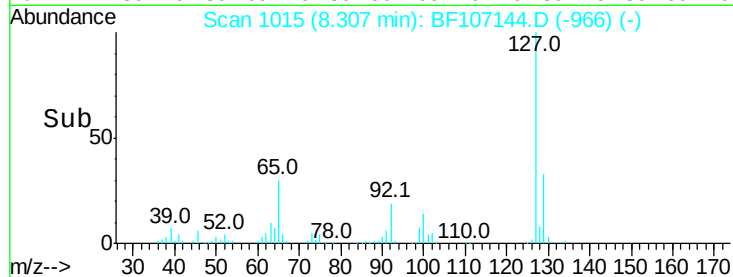
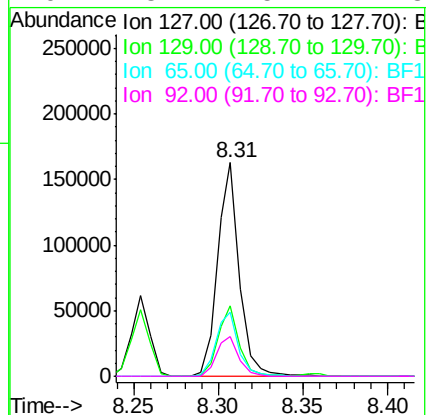
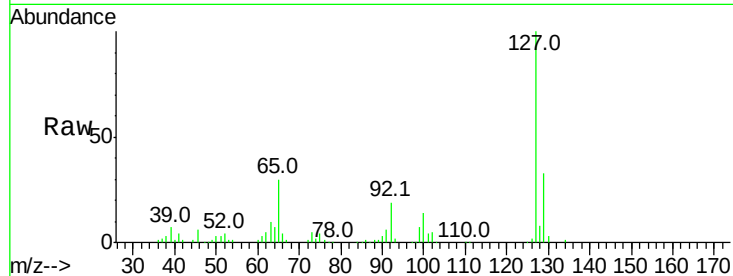




#33
4-Chloroaniline
Concen: 38.072 ng
RT: 8.31 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF107144.D
Acq: 6 Jul 2018 1:27

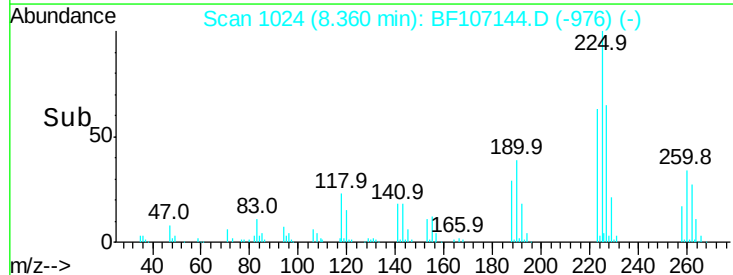
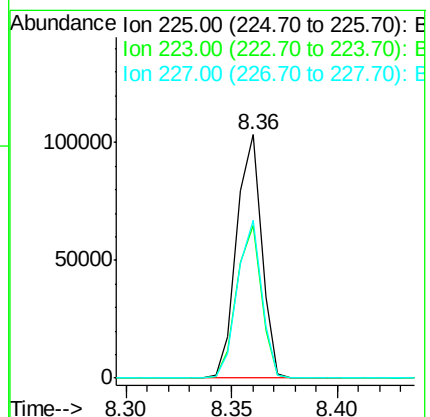
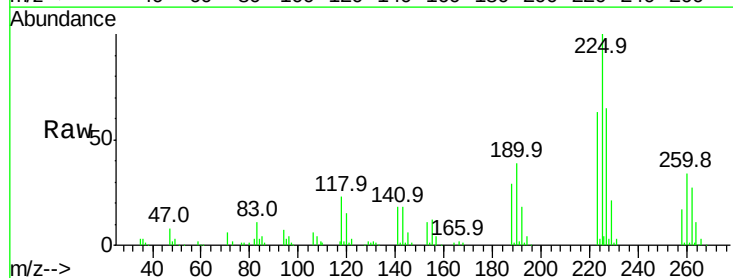
Instrument :
BNA_F
ClientSampled :

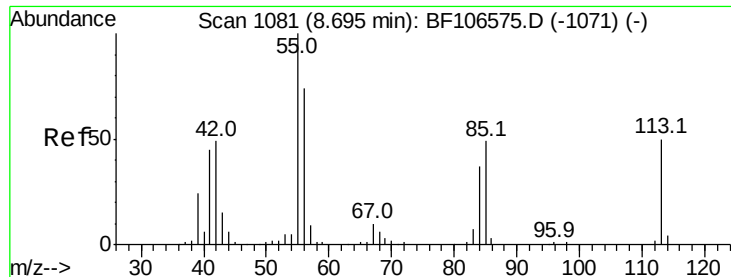
Tot Ion:	127	Resp:	145963
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.9	38.9
65	30.0	25.0	37.4
92	18.7	15.2	22.8



#34
Hexachlorobutadiene
Concen: 42.742 ng
RT: 8.36 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF107144.D
Acq: 6 Jul 2018 1:27

Tgt Ion:	225	Resp:	84148
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.6	76.0
227	64.6	51.9	77.9





#35

Caprolactam

Concen: 35.533 ng

RT: 8.68 min Scan# 1078

Delta R.T. -0.04 min

Lab File: BF107144.D

Acq: 6 Jul 2018 1:27

Instrument :

BNA_F

ClientSampleId :

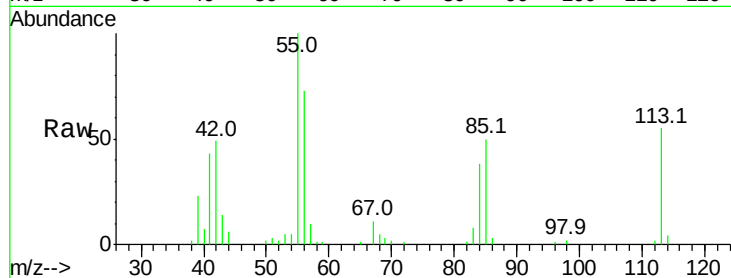
Tot Ion:113 Resp: 31768

Ion Ratio Lower Upper

113 100

55 180.5 163.3 203.3

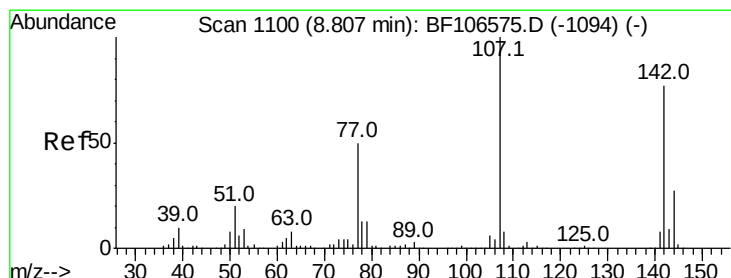
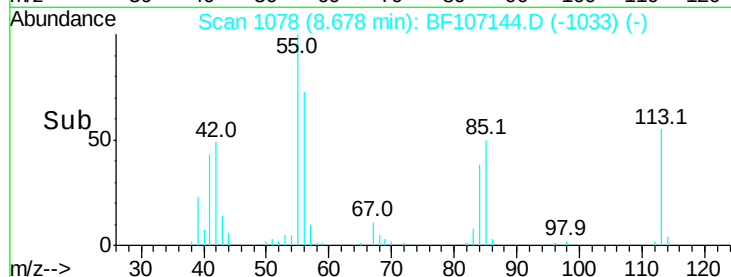
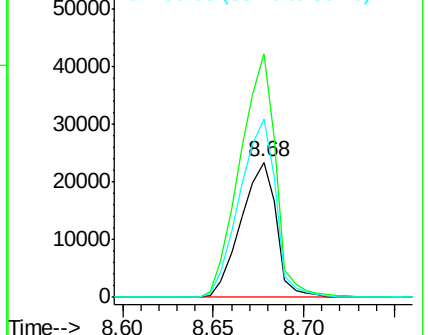
56 131.9 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 37.046 ng

RT: 8.80 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BF107144.D

Acq: 6 Jul 2018 1:27

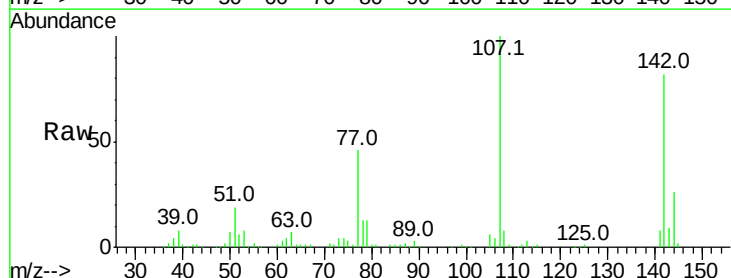
Tgt Ion:107 Resp: 106948

Ion Ratio Lower Upper

107 100

144 26.0 20.5 30.7

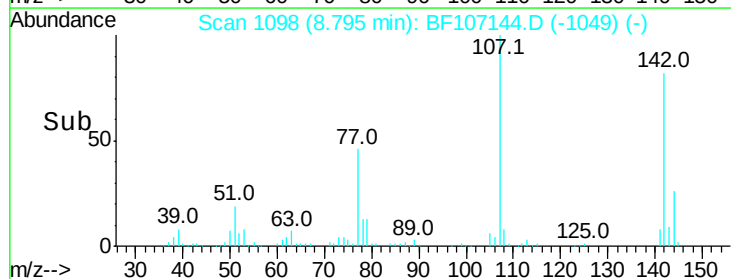
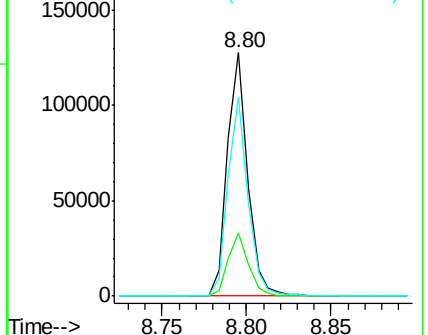
142 81.7 62.0 93.0

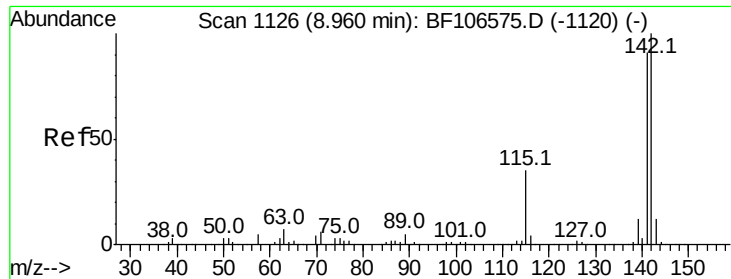


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

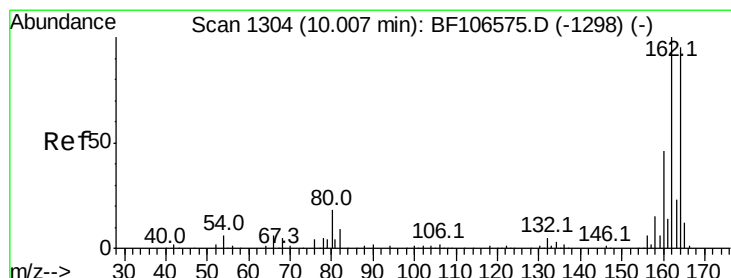
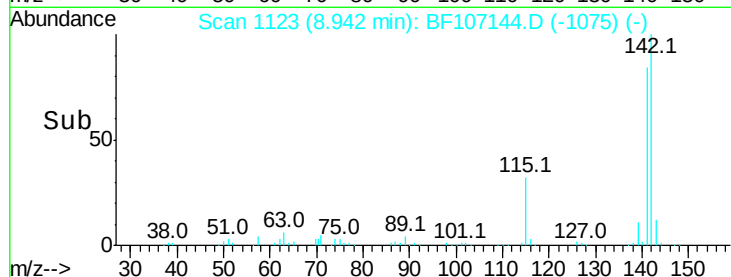
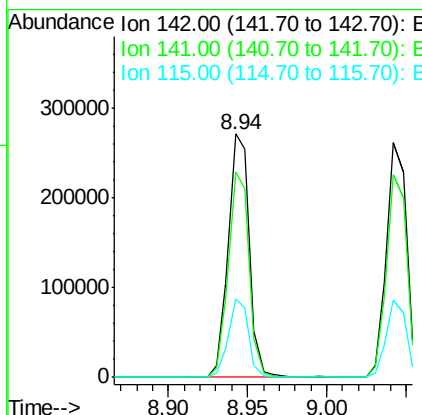
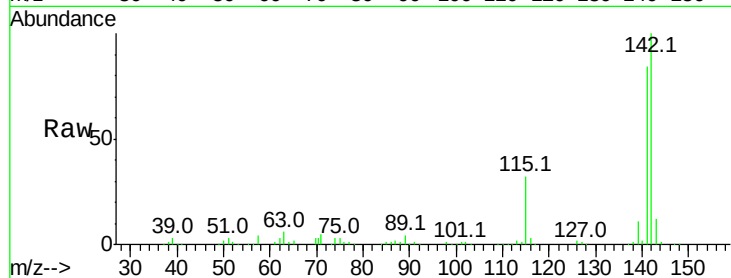




#37
 2-Methylnaphthalene
 Concen: 41.185 ng
 RT: 8.94 min Scan# 1123
 Delta R.T. -0.02 min
 Lab File: BF107144.D
 Acq: 6 Jul 2018 1:27

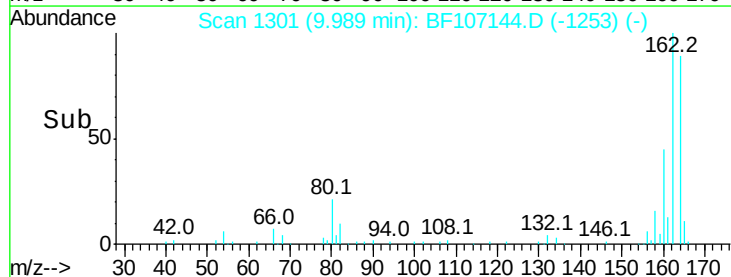
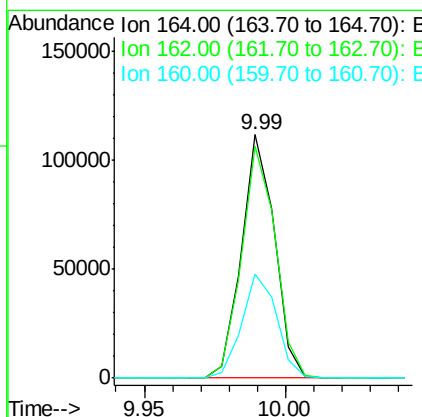
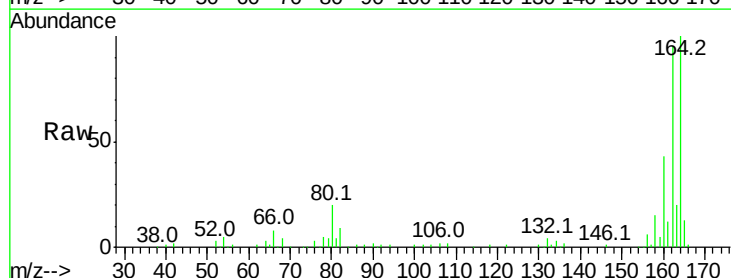
Instrument :
 BNA_F
 ClientSampleId :

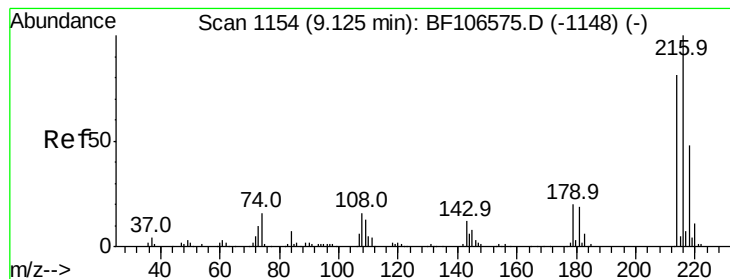
Tot Ion	Ratio	Lower	Upper
142	100		
141	84.4	70.8	106.2
115	32.2	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. -0.02 min
 Lab File: BF107144.D
 Acq: 6 Jul 2018 1:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	95.3	86.1	129.1
160	42.8	38.3	57.5

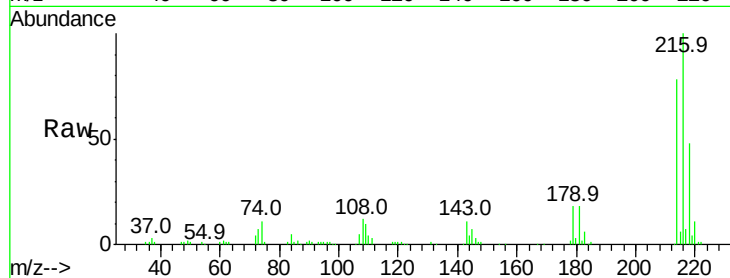




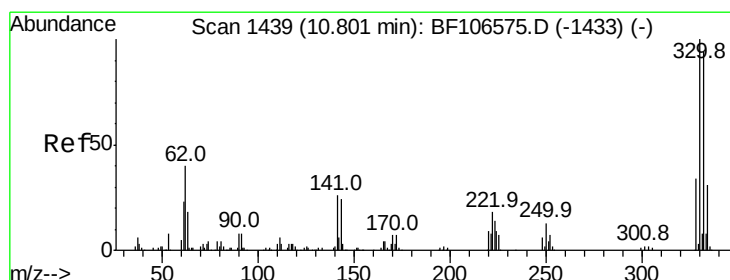
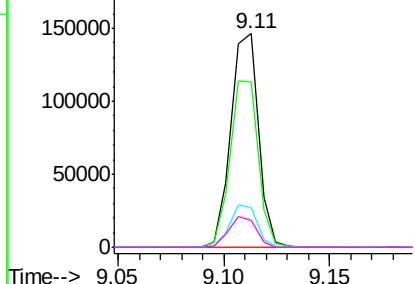
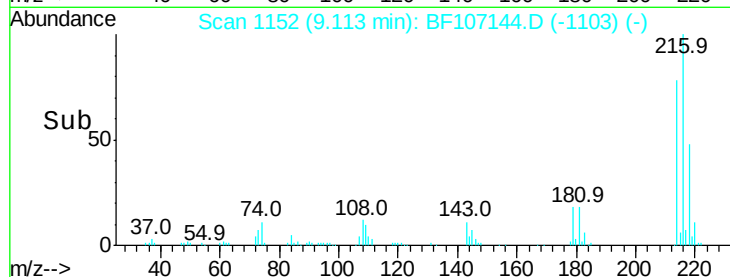
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.941 ng
 RT: 9.11 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF107144.D
 Acq: 6 Jul 2018 1:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216 Resp: 131443
 Ion Ratio Lower Upper
 216 100
 214 79.7 63.0 94.4
 179 19.5 18.1 27.1
 108 14.2 17.2 25.8#

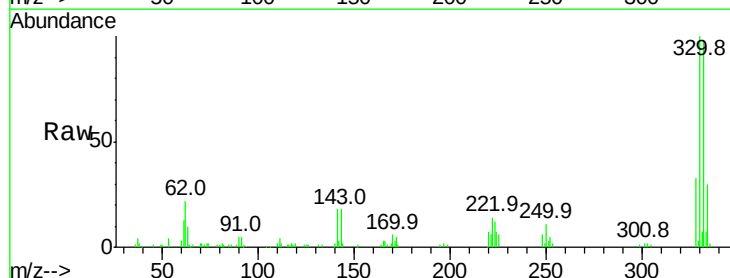


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

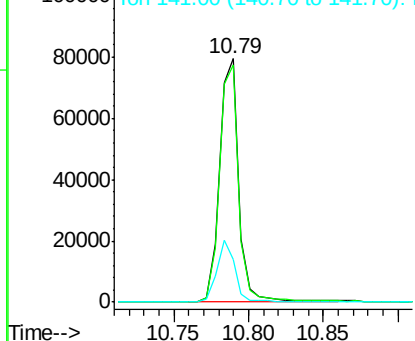
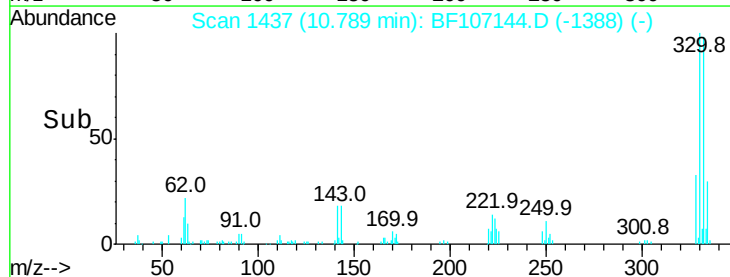


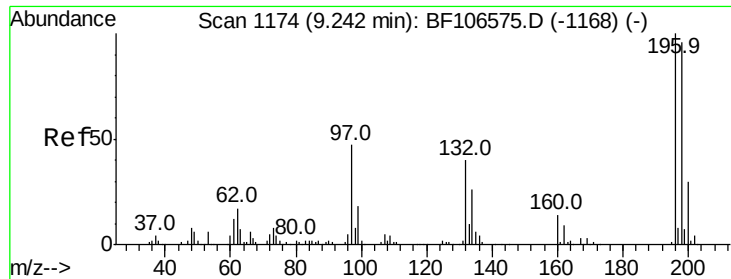
#41
 2,4,6-Tribromophenol
 Concen: 68.416 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF107144.D
 Acq: 6 Jul 2018 1:27

Tgt Ion:330 Resp: 72074
 Ion Ratio Lower Upper
 330 100
 332 98.4 77.0 115.6
 141 23.4 29.9 44.9#



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



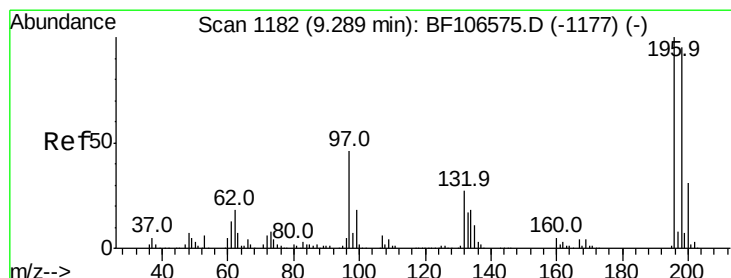
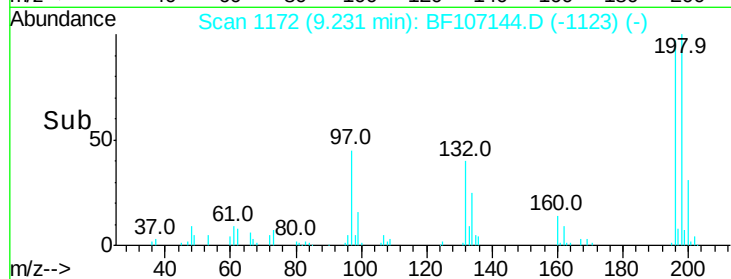
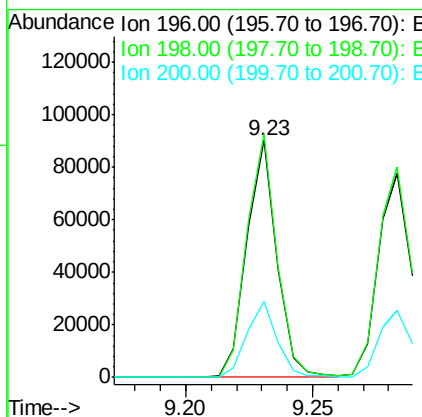
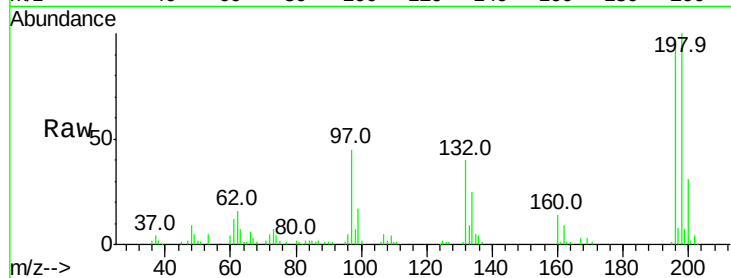


#42
 2,4,6-Trichlorophenol
 Concen: 36.822 ng
 RT: 9.23 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF107144.D
 Acq: 6 Jul 2018 1:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 74921

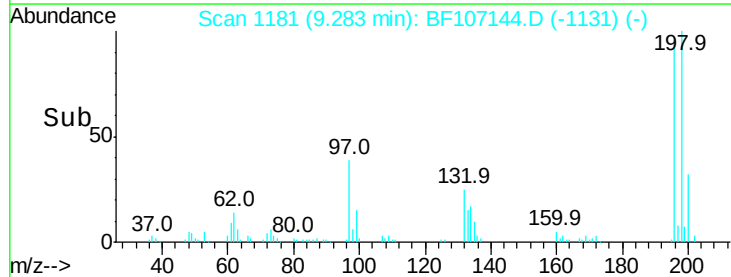
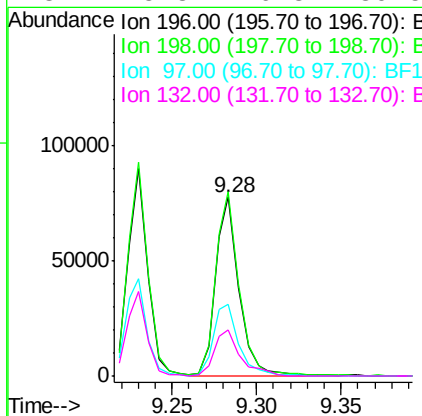
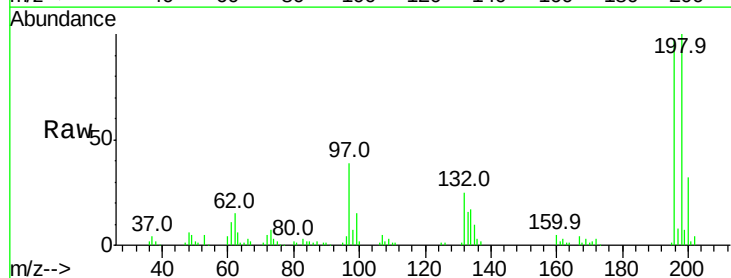
Ion	Ratio	Lower	Upper
196	100		
198	102.8	75.7	113.5
200	31.9	24.5	36.7

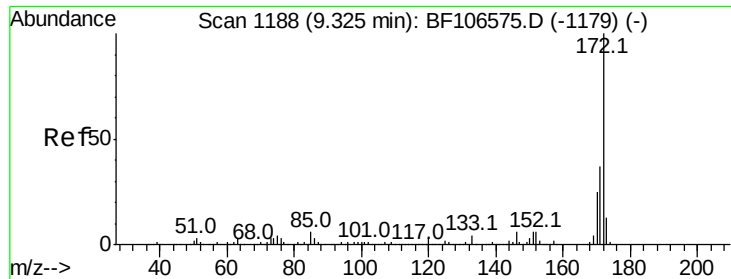


#43
 2,4,5-Trichlorophenol
 Concen: 35.650 ng
 RT: 9.28 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF107144.D
 Acq: 6 Jul 2018 1:27

Tgt Ion:196 Resp: 75690

Ion	Ratio	Lower	Upper
196	100		
198	103.5	74.6	112.0
97	40.5	42.9	64.3#
132	25.8	26.3	39.5#

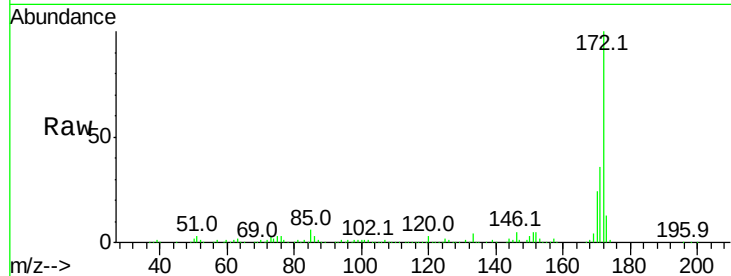




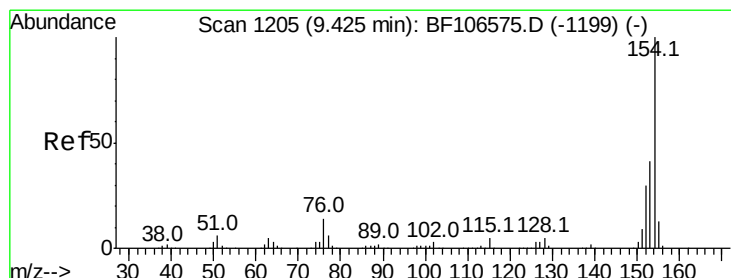
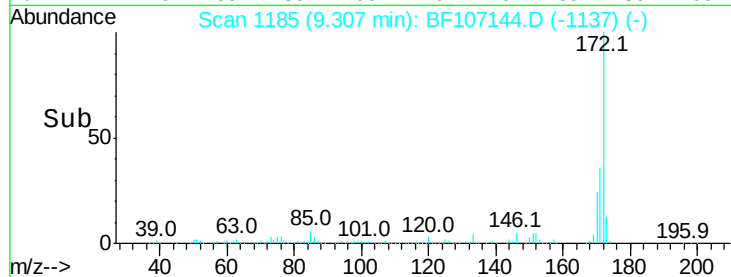
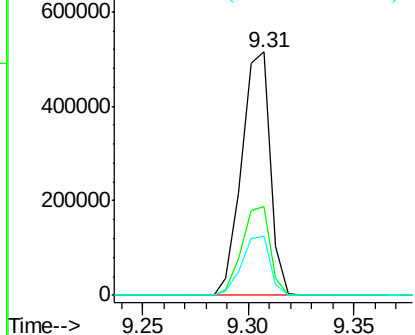
#44
 2-Fluorobiphenyl
 Concen: 90.878 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF107144.D
 Acq: 6 Jul 2018 1:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 482531
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 24.2 19.6 29.4

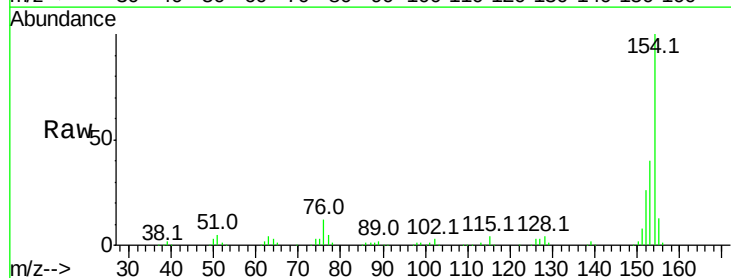


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

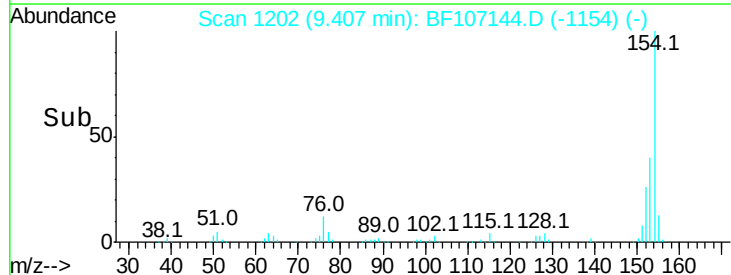
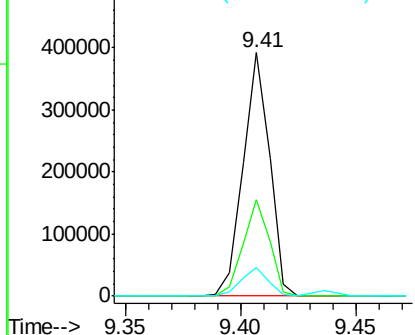


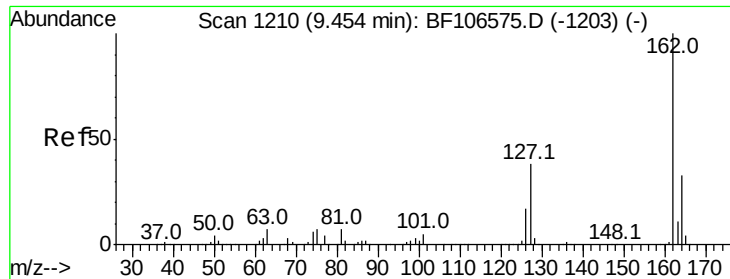
#45
 1,1'-Biphenyl
 Concen: 43.255 ng
 RT: 9.41 min Scan# 1202
 Delta R.T. -0.02 min
 Lab File: BF107144.D
 Acq: 6 Jul 2018 1:27

Tgt Ion:154 Resp: 313325
 Ion Ratio Lower Upper
 154 100
 153 39.6 21.3 61.3
 76 11.7 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

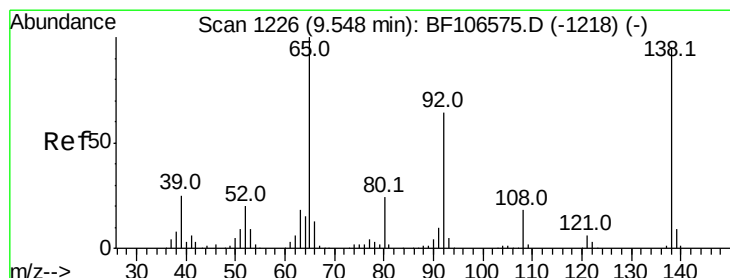
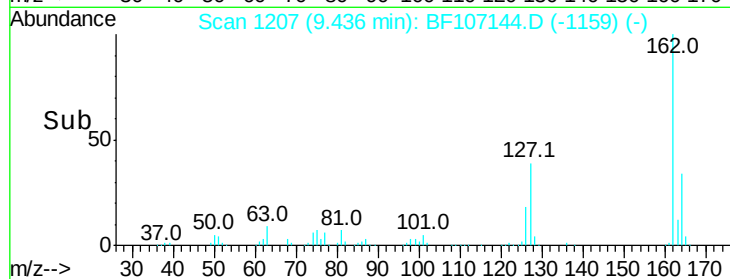
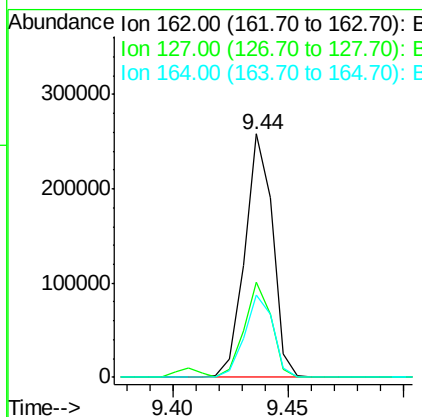
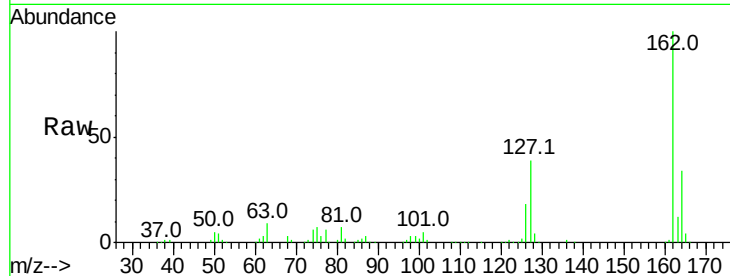




#46
 2-Chloronaphthalene
 Concen: 38.058 ng
 RT: 9.44 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF107144.D
 Acq: 6 Jul 2018 1:27

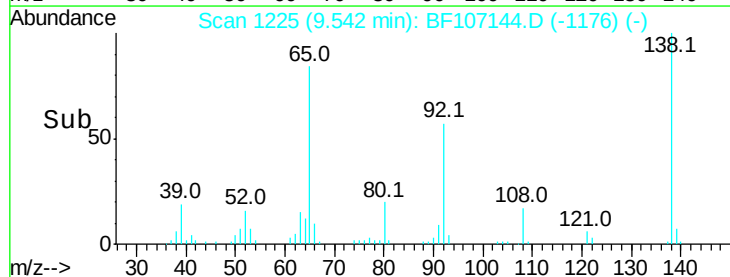
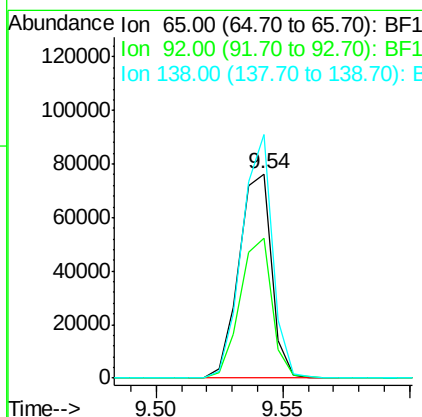
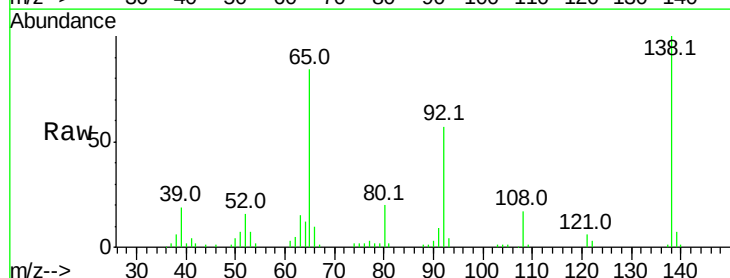
Instrument :
 BNA_F
 ClientSampleId :

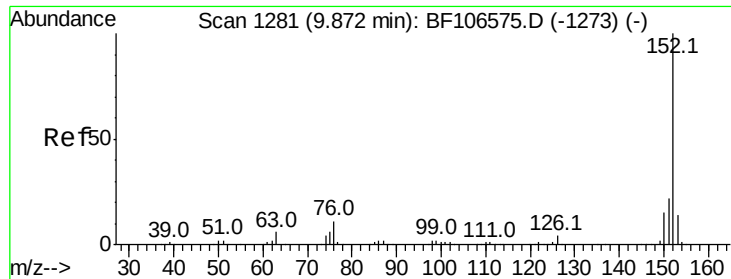
Tot Ion:162 Resp: 217004
 Ion Ratio Lower Upper
 162 100
 127 39.3 33.9 50.9
 164 34.0 26.5 39.7



#47
 2-Nitroaniline
 Concen: 35.599 ng
 RT: 9.54 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: BF107144.D
 Acq: 6 Jul 2018 1:27

Tgt Ion: 65 Resp: 68257
 Ion Ratio Lower Upper
 65 100
 92 68.5 55.8 83.6
 138 119.3 91.2 136.8





#48

Acenaphthylene

Concen: 37.205 ng

RT: 9.85 min Scan# 1278

Delta R.T. -0.02 min

Lab File: BF107144.D

Acq: 6 Jul 2018 1:27

Instrument :

BNA_F

ClientSampleId :

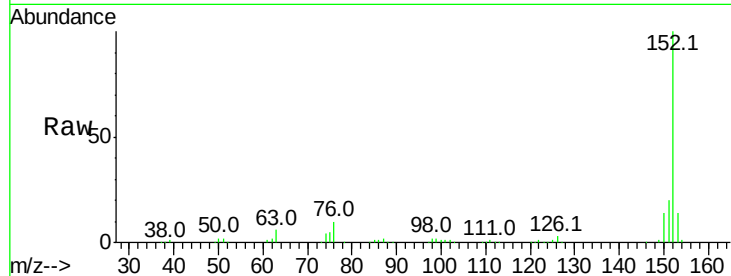
Tot Ion:152 Resp: 334920

Ion Ratio Lower Upper

152 100

151 20.0 16.3 24.5

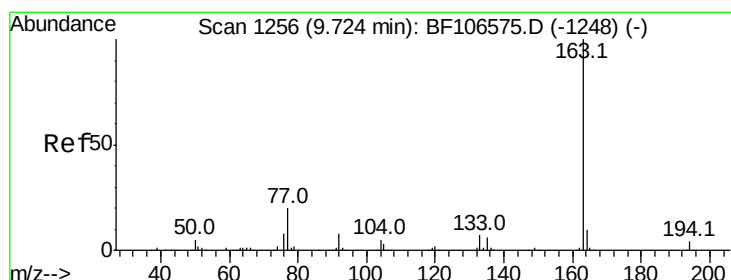
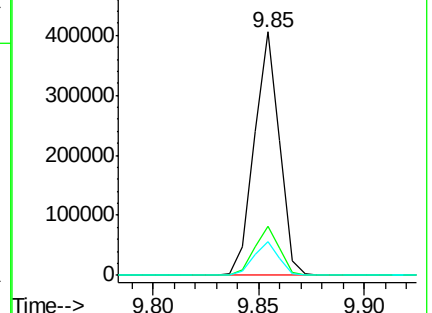
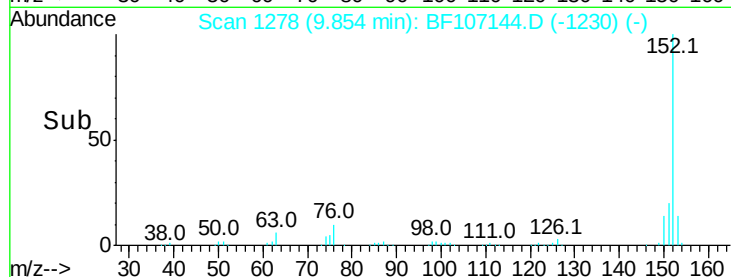
153 13.9 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 38.608 ng

RT: 9.70 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF107144.D

Acq: 6 Jul 2018 1:27

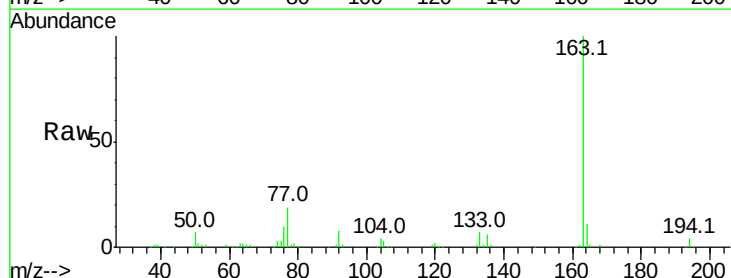
Tgt Ion:163 Resp: 263196

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

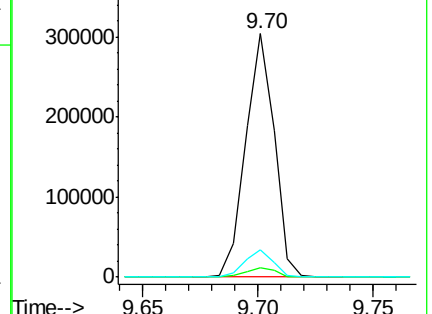
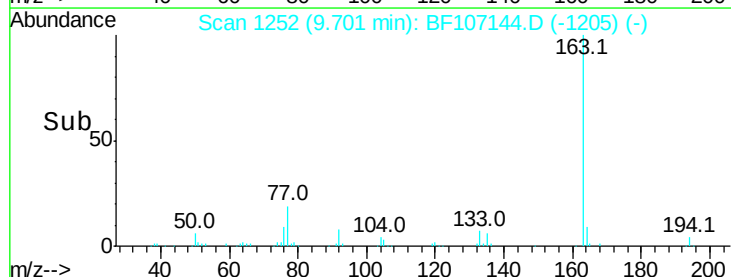
164 11.0 8.2 12.2

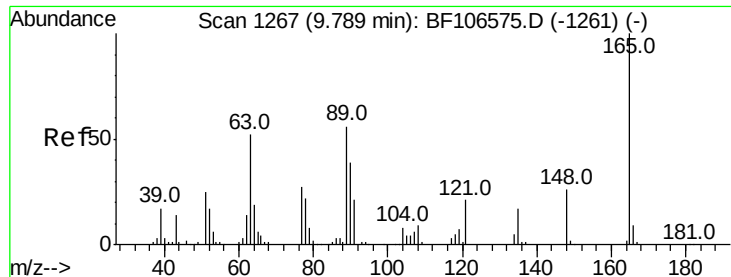


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

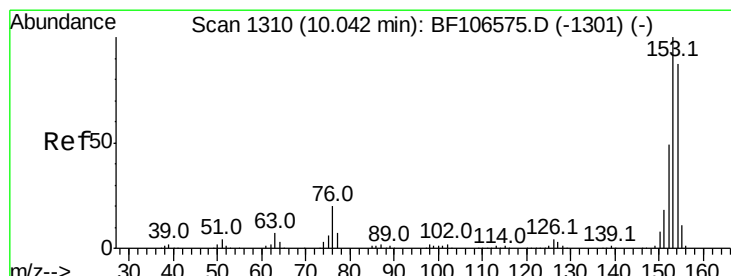
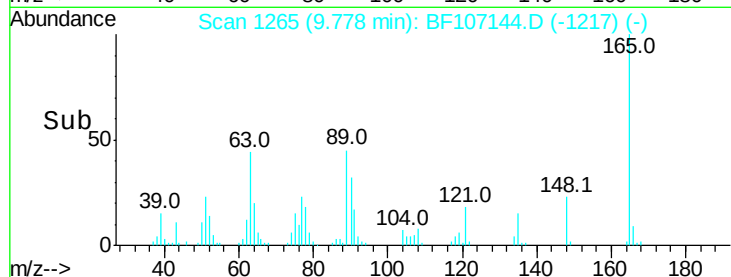
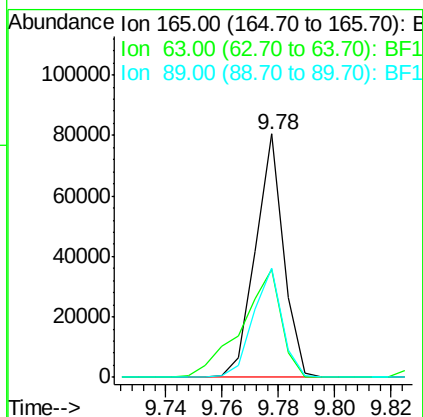
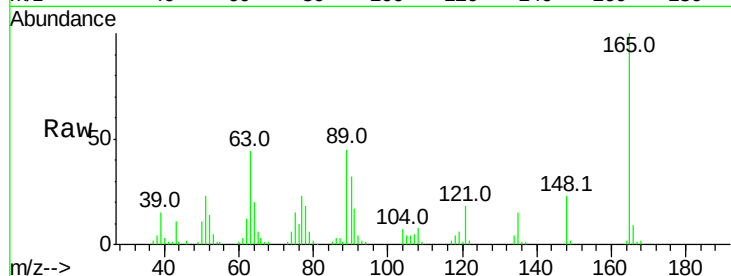




#50
 2,6-Dinitrotoluene
 Concen: 38.324 ng
 RT: 9.78 min Scan# 1265
 Delta R.T. -0.02 min
 Lab File: BF107144.D
 Acq: 6 Jul 2018 1:27

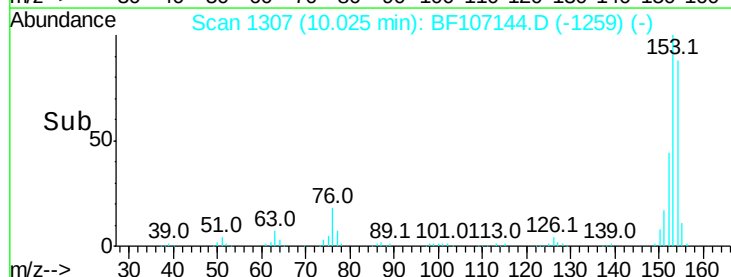
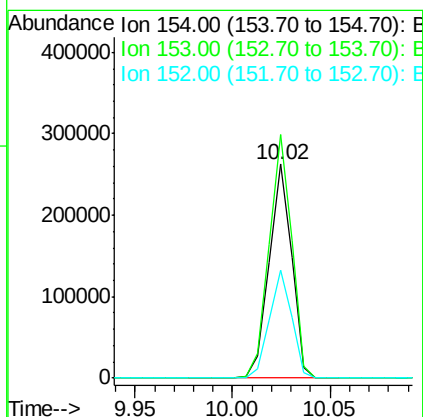
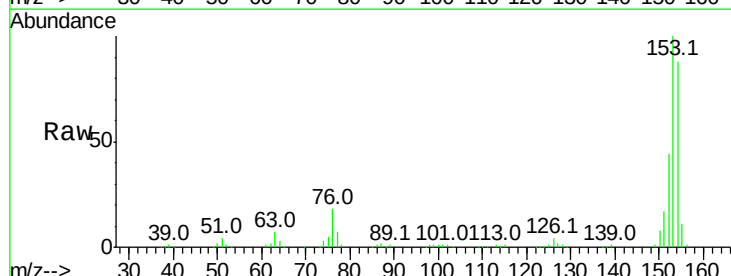
Instrument :
 BNA_F
 ClientSampleId :

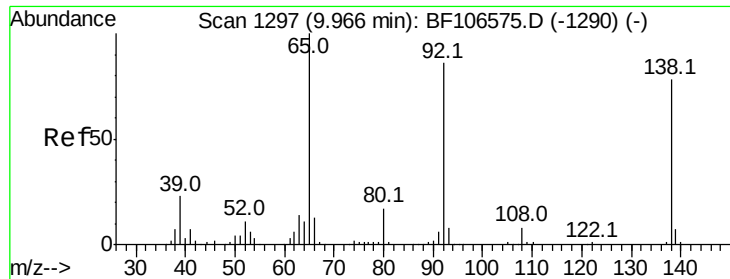
Tot Ion:165 Resp: 55322
 Ion Ratio Lower Upper
 165 100
 63 44.5 44.7 67.1#
 89 45.1 44.0 66.0



#51
 Acenaphthene
 Concen: 37.100 ng
 RT: 10.02 min Scan# 1307
 Delta R.T. -0.02 min
 Lab File: BF107144.D
 Acq: 6 Jul 2018 1:27

Tgt Ion:154 Resp: 210310
 Ion Ratio Lower Upper
 154 100
 153 113.9 91.2 136.8
 152 50.2 43.8 65.8

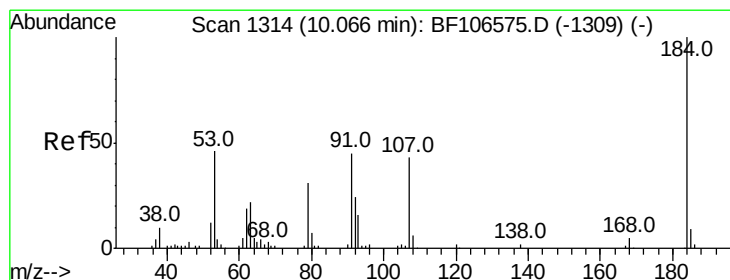
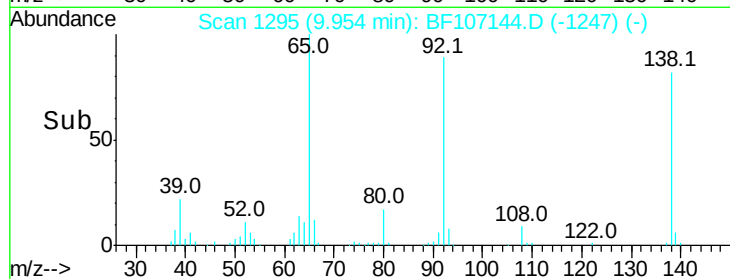
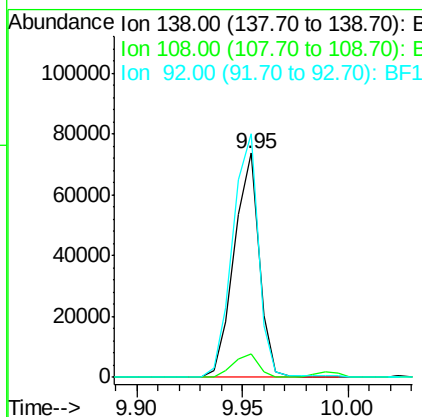
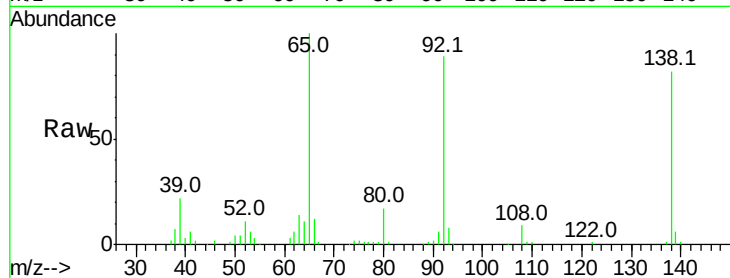




#52
 3-Nitroaniline
 Concen: 36.359 ng
 RT: 9.95 min Scan# 1295
 Delta R.T. -0.02 min
 Lab File: BF107144.D
 Acq: 6 Jul 2018 1:27

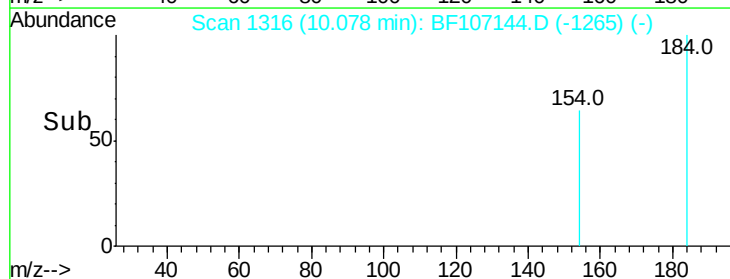
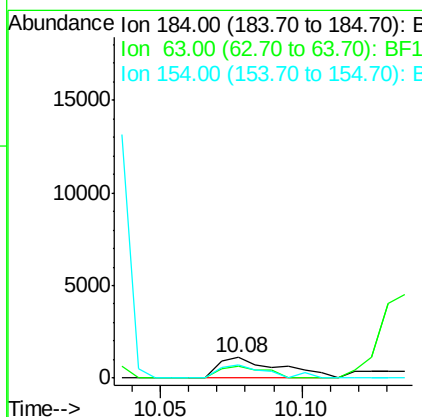
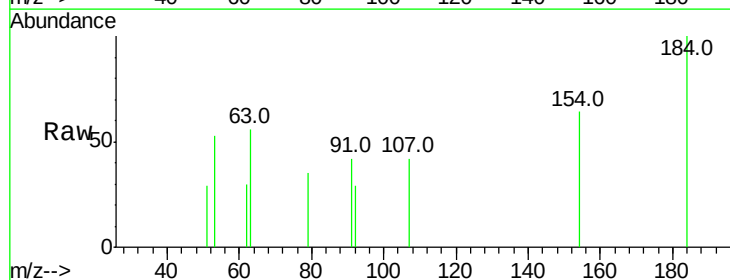
Instrument :
 BNA_F
 ClientSampleId :

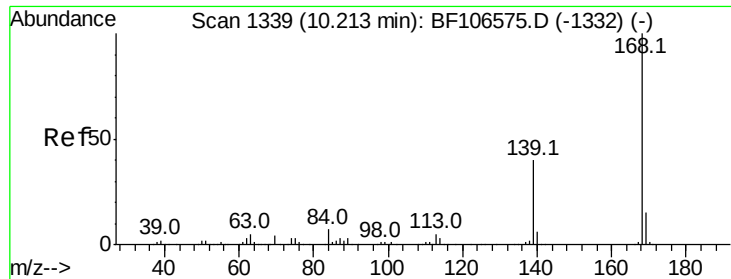
Tot Ion:138 Resp: 60397
 Ion Ratio Lower Upper
 138 100
 108 10.7 9.4 14.0
 92 108.7 89.4 134.2



#53
 2,4-Dinitrophenol
 Concen: 7.410 ng
 RT: 10.08 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: BF107144.D
 Acq: 6 Jul 2018 1:27

Tgt Ion:184 Resp: 1655
 Ion Ratio Lower Upper
 184 100
 63 56.1 54.2 81.2
 154 63.8 184.0 276.0#

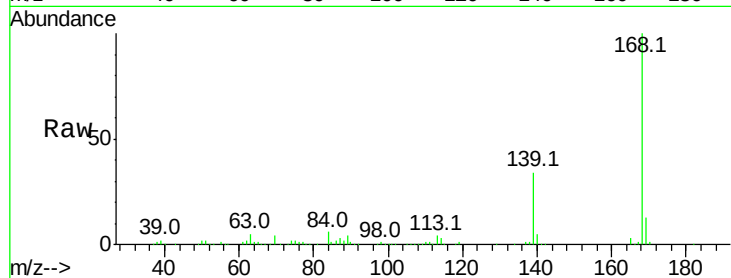




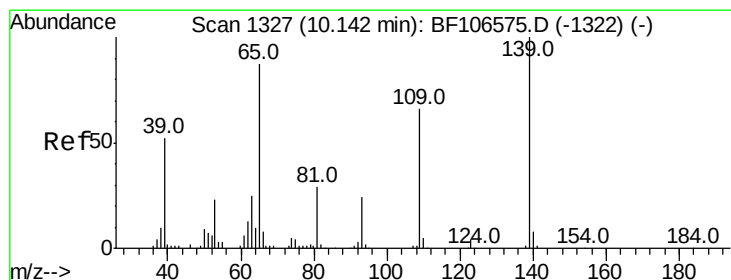
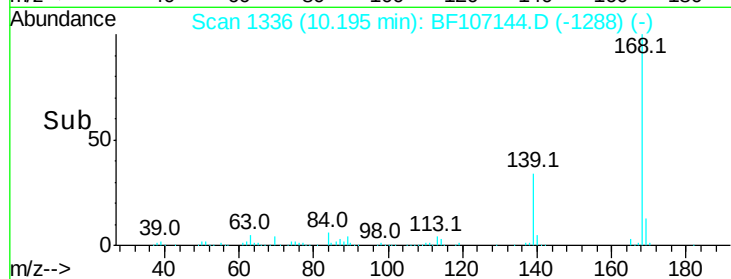
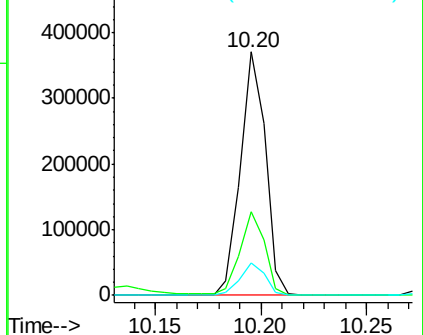
#54
Dibenzofuran
Concen: 39.211 ng
RT: 10.20 min Scan# 1336
Delta R.T. -0.02 min
Lab File: BF107144.D
Acq: 6 Jul 2018 1:27

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
168	100		
139	34.1	30.1	45.1
169	13.5	10.9	16.3

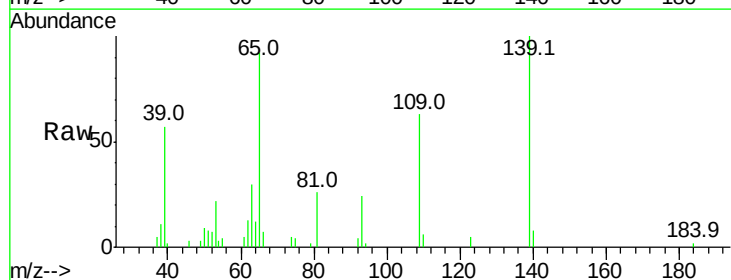


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

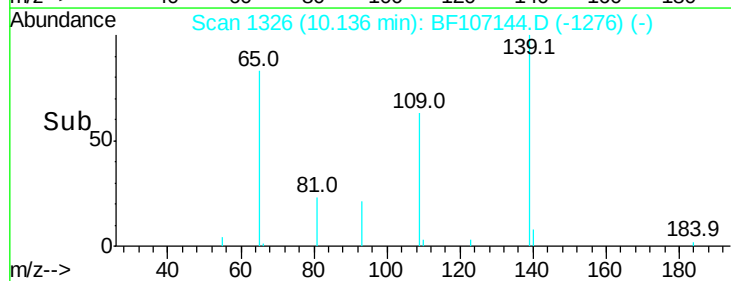
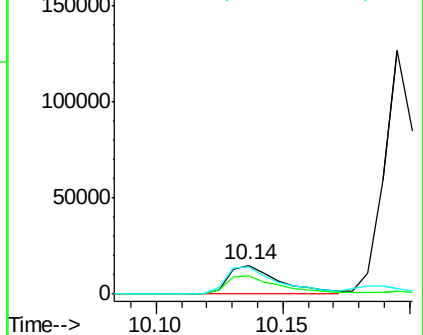


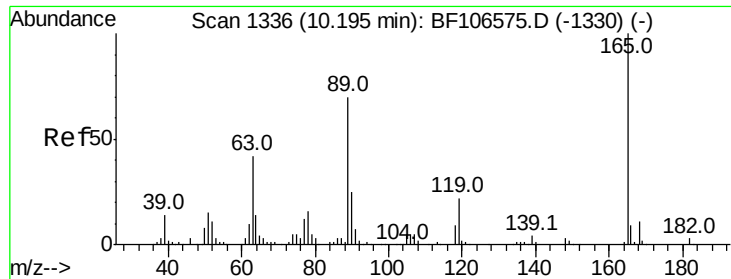
#55
4-Nitrophenol
Concen: 18.416 ng
RT: 10.14 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF107144.D
Acq: 6 Jul 2018 1:27

Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.7	48.4	88.4
65	91.6	72.6	112.6



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

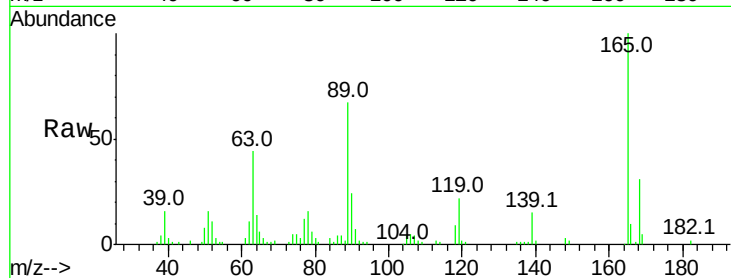




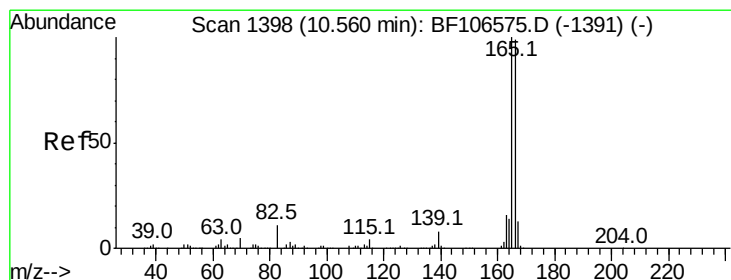
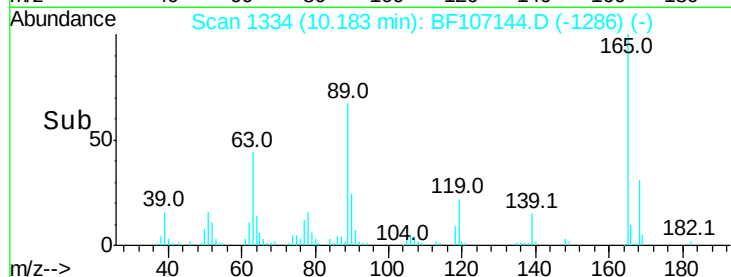
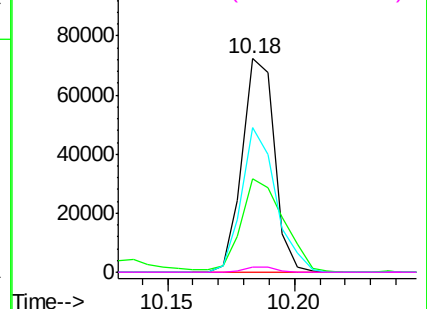
#56
2,4-Dinitrotoluene
Concen: 33.981 ng
RT: 10.18 min Scan# 1334
Delta R.T. -0.02 min
Lab File: BF107144.D
Acq: 6 Jul 2018 1:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 64028
Ion Ratio Lower Upper
165 100
63 43.8 36.4 54.6
89 67.5 57.8 86.6
182 2.4 1.6 2.4#

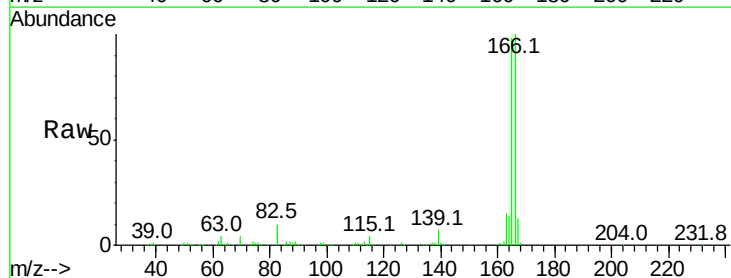


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

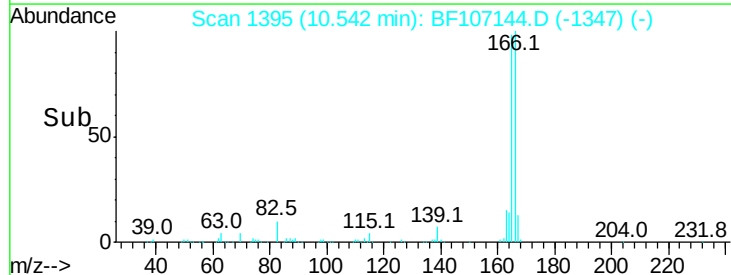
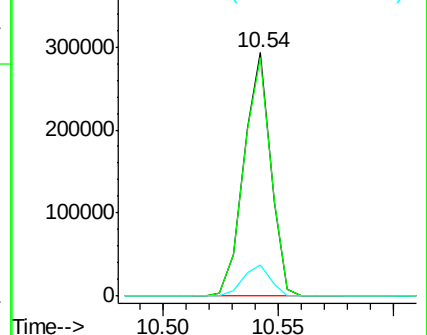


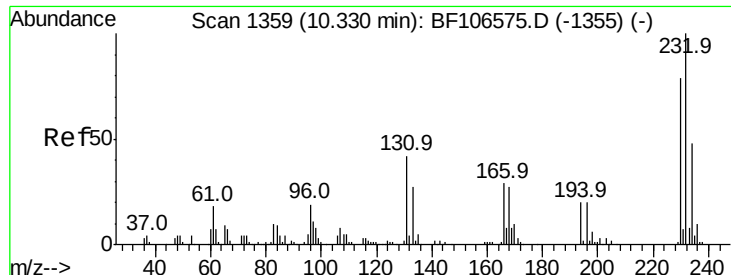
#57
Fluorene
Concen: 38.415 ng
RT: 10.54 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BF107144.D
Acq: 6 Jul 2018 1:27

Tgt Ion:166 Resp: 236622
Ion Ratio Lower Upper
166 100
165 98.2 79.8 119.8
167 13.0 10.6 16.0



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

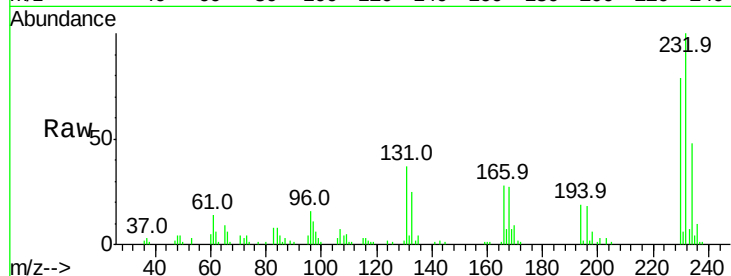




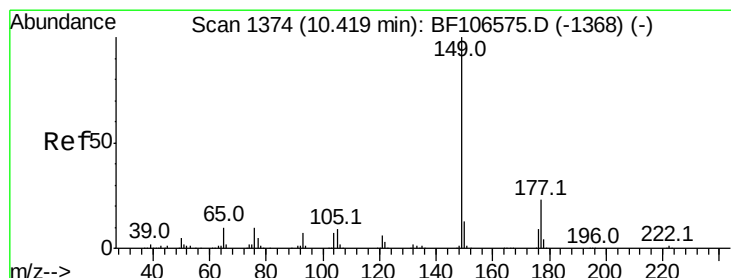
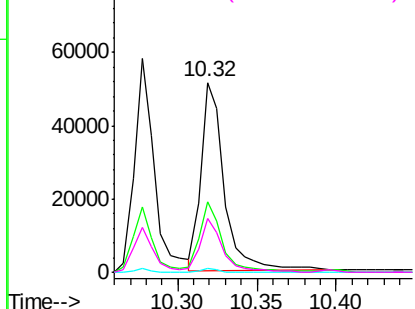
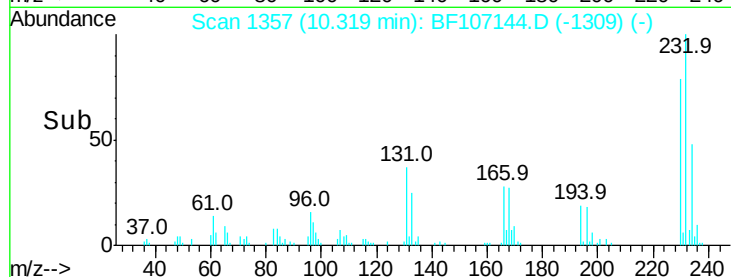
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 31.537 ng
 RT: 10.32 min Scan# 1357
 Delta R.T. -0.02 min
 Lab File: BF107144.D
 Acq: 6 Jul 2018 1:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 53226
 Ion Ratio Lower Upper
 232 100
 131 37.2 43.8 65.8#
 130 1.4 2.1 3.1#
 166 28.1 27.8 41.6

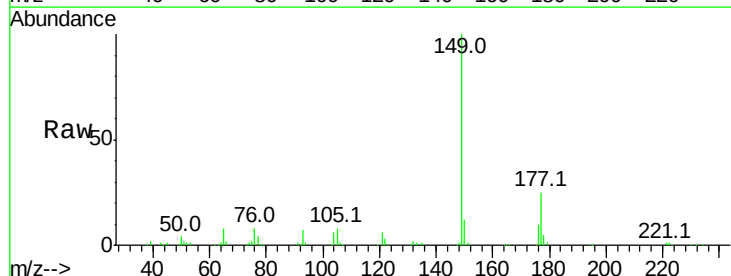


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

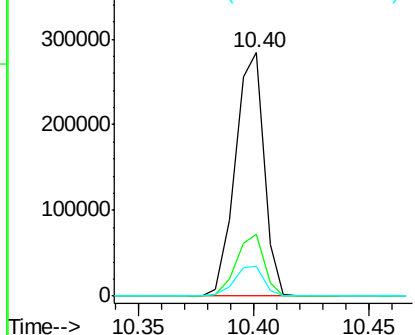
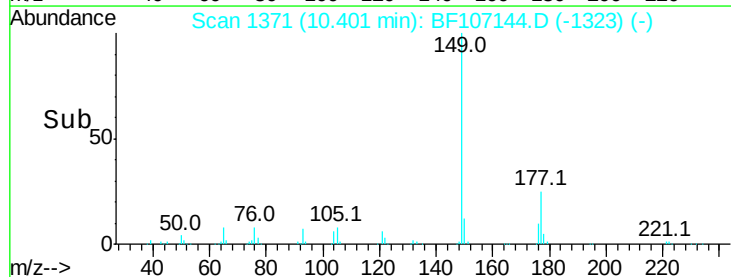


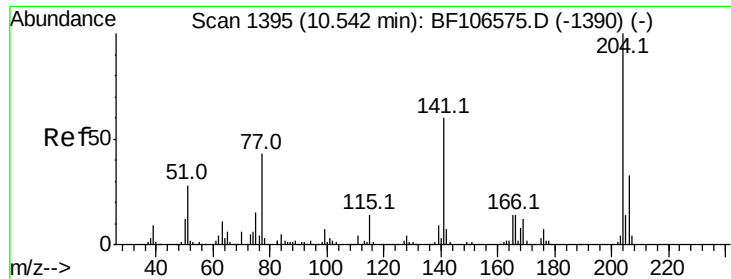
#59
 Diethylphthalate
 Concen: 37.690 ng
 RT: 10.40 min Scan# 1371
 Delta R.T. -0.02 min
 Lab File: BF107144.D
 Acq: 6 Jul 2018 1:27

Tgt Ion:149 Resp: 247985
 Ion Ratio Lower Upper
 149 100
 177 25.3 16.1 24.1#
 150 12.4 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

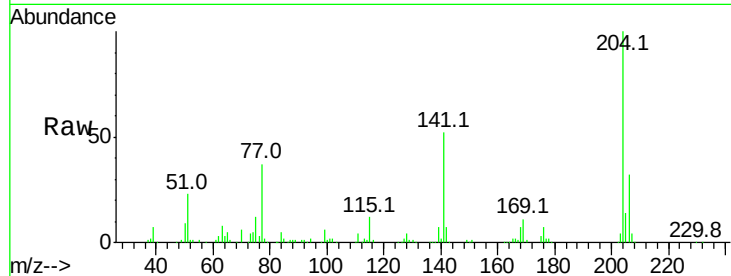




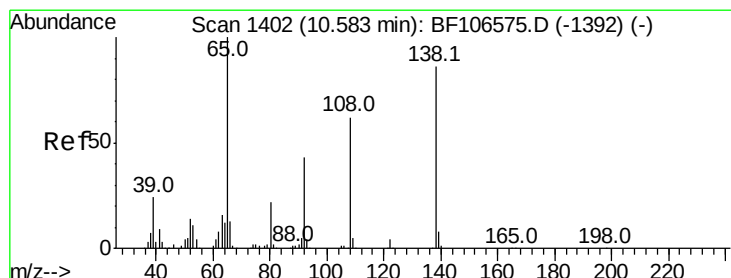
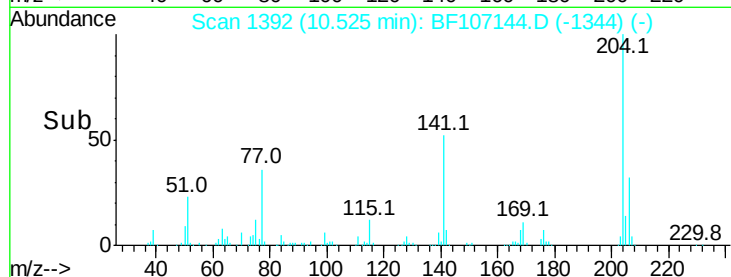
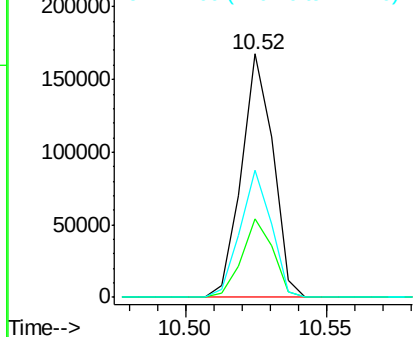
#60
4-Chlorophenyl-phenylether
Concen: 40.342 ng
RT: 10.52 min Scan# 1392
Delta R.T. -0.02 min
Lab File: BF107144.D
Acq: 6 Jul 2018 1:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 130018
Ion Ratio Lower Upper
204 100
206 32.3 26.5 39.7
141 52.1 54.6 81.8#

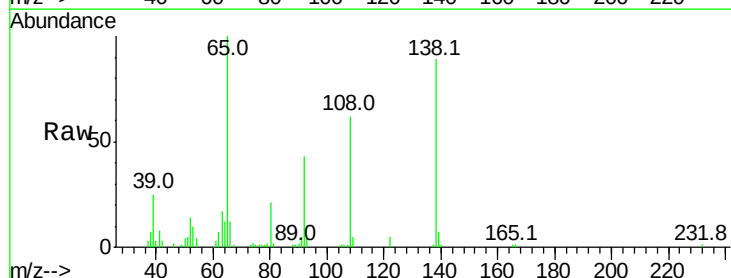


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

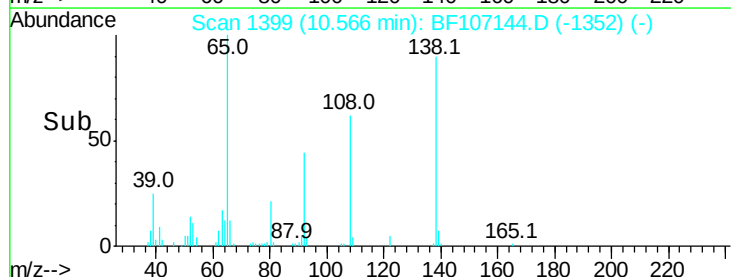
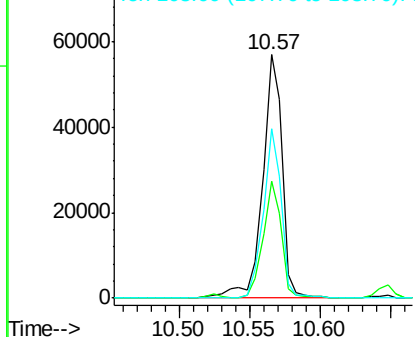


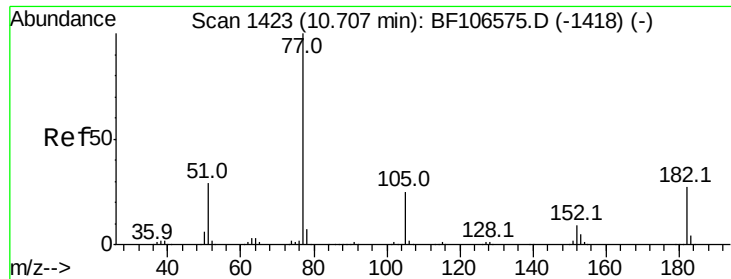
#61
4-Nitroaniline
Concen: 34.152 ng
RT: 10.57 min Scan# 1399
Delta R.T. -0.02 min
Lab File: BF107144.D
Acq: 6 Jul 2018 1:27

Tgt Ion:138 Resp: 56302
Ion Ratio Lower Upper
138 100
92 48.2 30.2 70.2
108 69.5 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

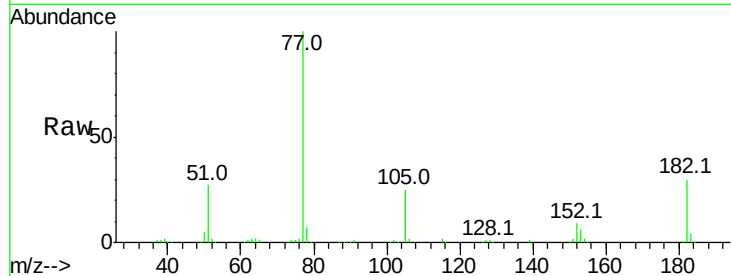




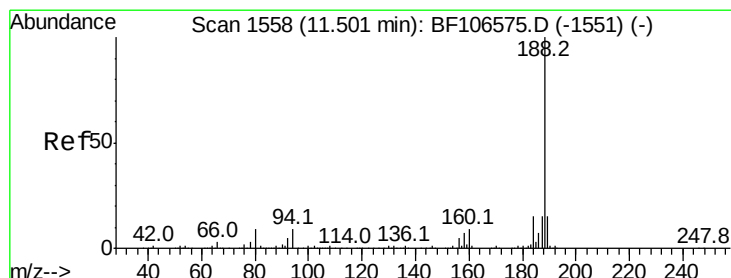
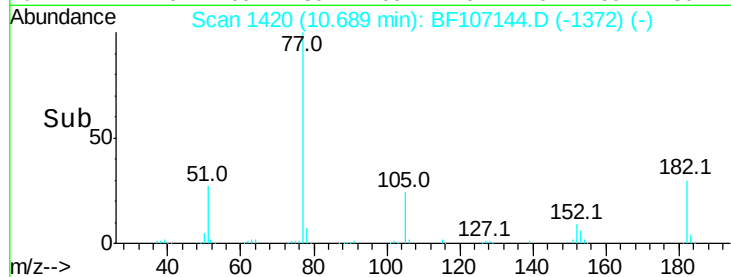
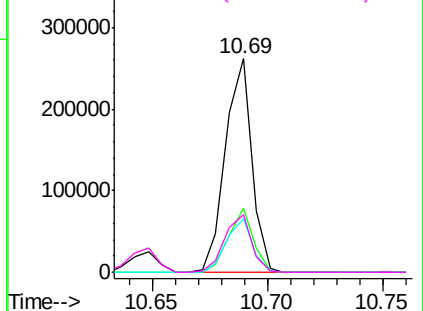
#62
Azobenzene
Concen: 32.104 ng
RT: 10.69 min Scan# 1420
Delta R.T. -0.02 min
Lab File: BF107144.D
Acq: 6 Jul 2018 1:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 208014
Ion Ratio Lower Upper
77 100
182 29.8 1.7 41.7
105 25.4 3.0 43.0
51 27.1 9.9 49.9

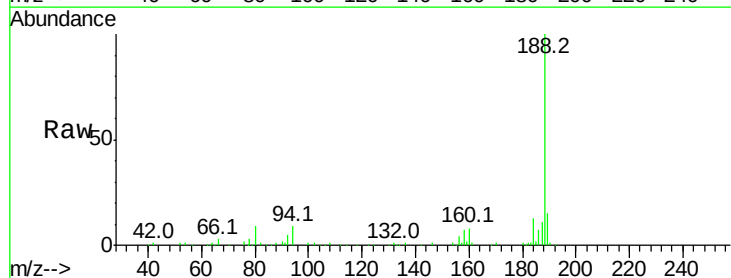


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

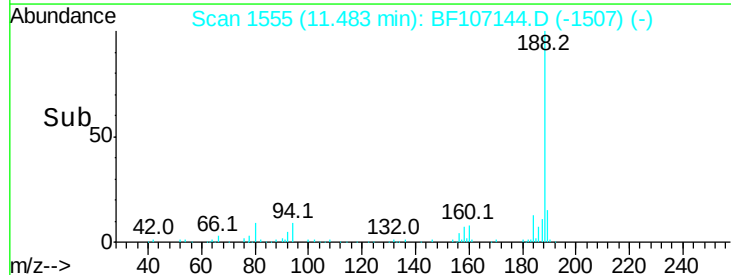
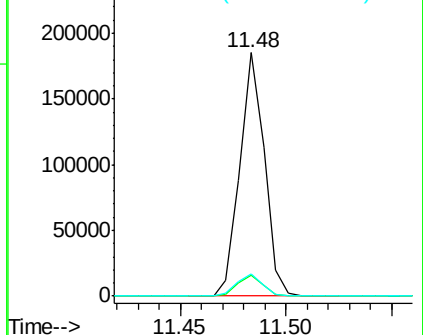


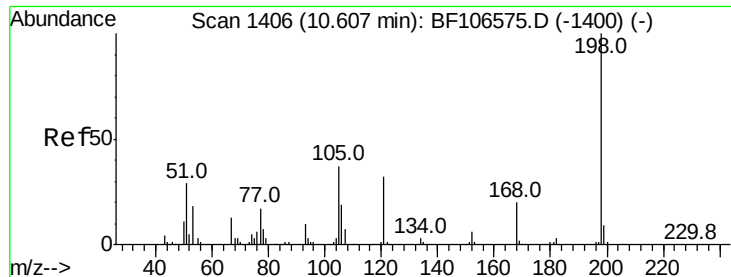
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF107144.D
Acq: 6 Jul 2018 1:27

Tgt Ion: 188 Resp: 149221
Ion Ratio Lower Upper
188 100
94 8.7 8.5 12.7
80 9.1 9.2 13.8#



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





#64

4,6-Dinitro-2-methylphenol

Concen: 9.988 ng

RT: 10.60 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BF107144.D

Acq: 6 Jul 2018 1:27

Instrument :

BNA_F

ClientSampleId :

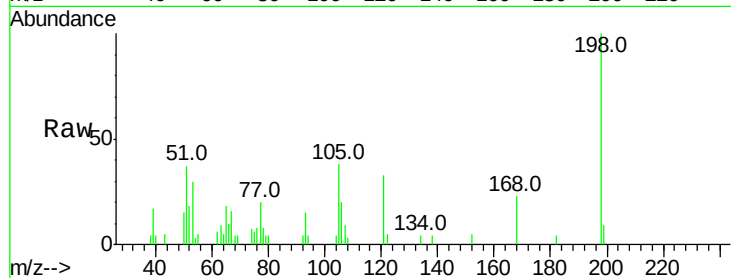
Tot Ion:198 Resp: 9213

Ion Ratio Lower Upper

198 100

51 37.2 37.7 77.7#

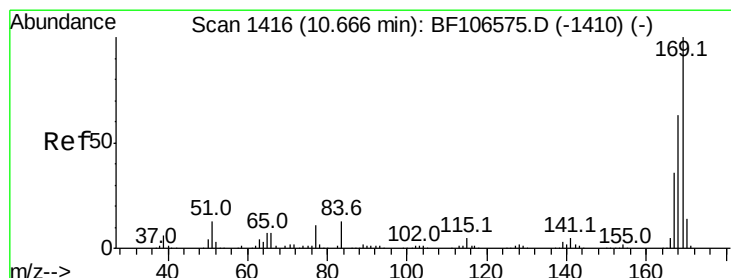
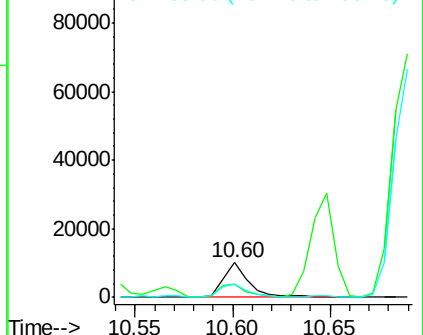
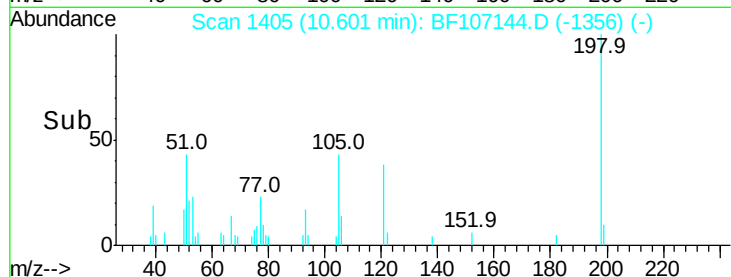
105 37.9 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 42.660 ng

RT: 10.65 min Scan# 1413

Delta R.T. -0.02 min

Lab File: BF107144.D

Acq: 6 Jul 2018 1:27

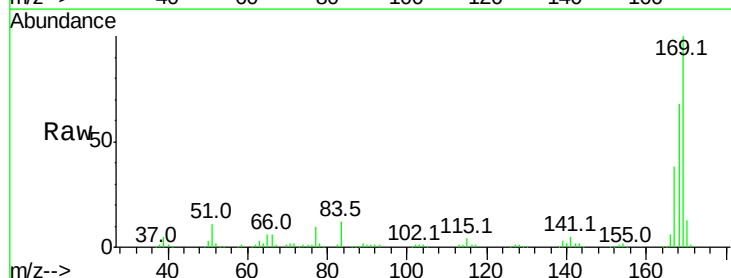
Tgt Ion:169 Resp: 214116

Ion Ratio Lower Upper

169 100

168 67.8 54.4 81.6

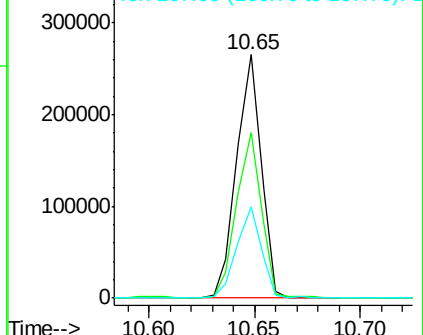
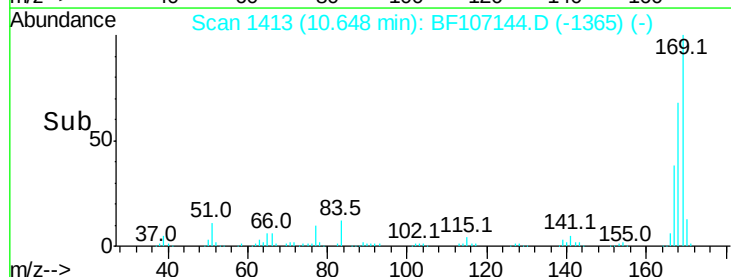
167 37.7 29.8 44.6

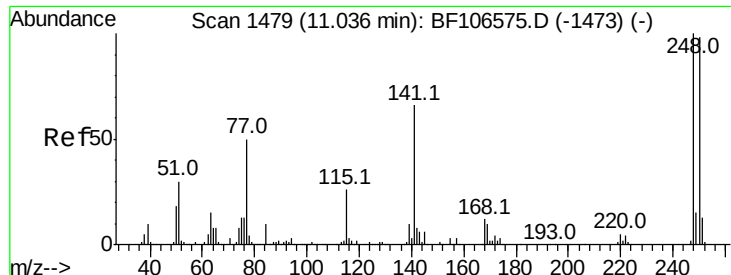


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

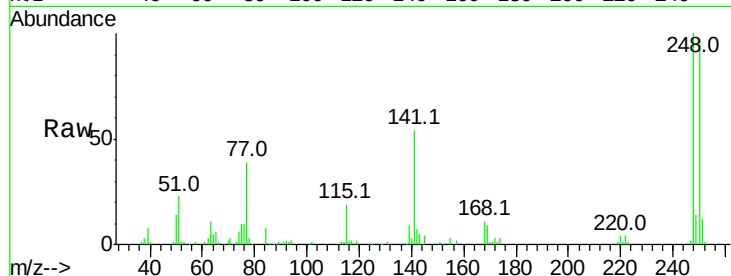




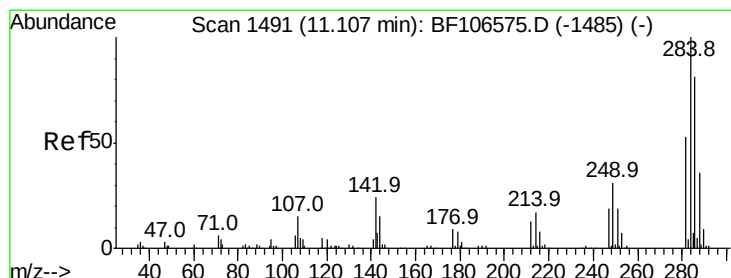
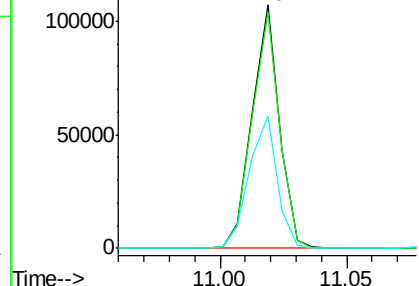
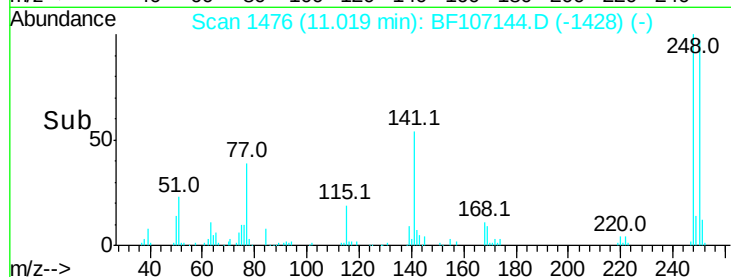
#66
 4-Bromophenyl-phenylether
 Concen: 44.942 ng
 RT: 11.02 min Scan# 1476
 Delta R.T. -0.02 min
 Lab File: BF107144.D
 Acq: 6 Jul 2018 1:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 80036
 Ion Ratio Lower Upper
 248 100
 250 97.2 76.9 115.3
 141 54.1 74.4 111.6#

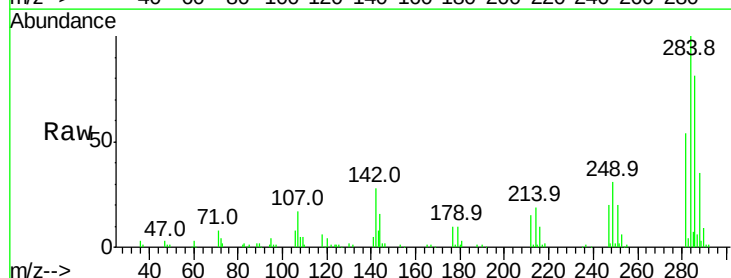


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

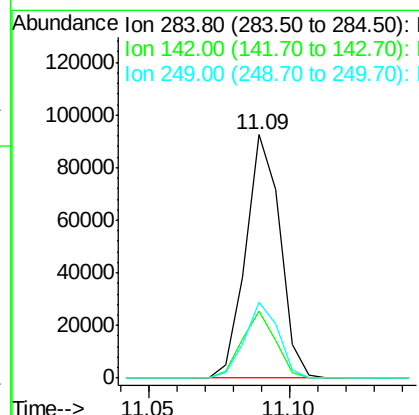
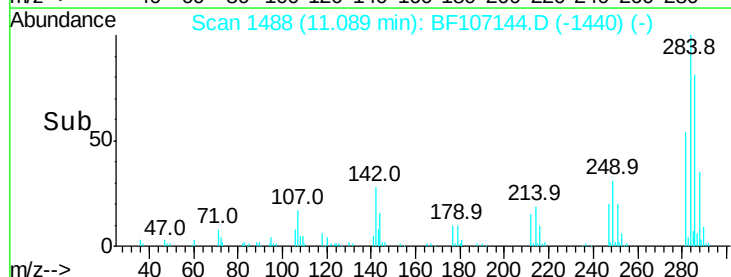


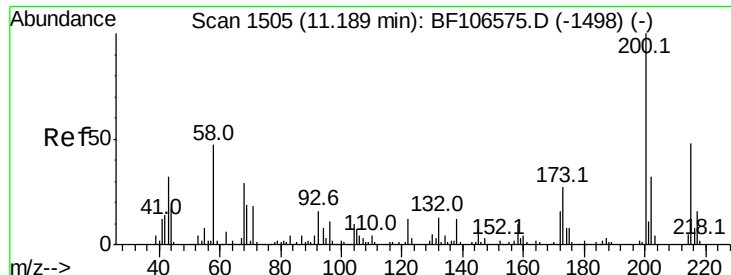
#67
 Hexachlorobenzene
 Concen: 41.879 ng
 RT: 11.09 min Scan# 1488
 Delta R.T. -0.02 min
 Lab File: BF107144.D
 Acq: 6 Jul 2018 1:27

Tgt Ion:284 Resp: 78060
 Ion Ratio Lower Upper
 284 100
 142 27.6 34.6 52.0#
 249 31.2 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

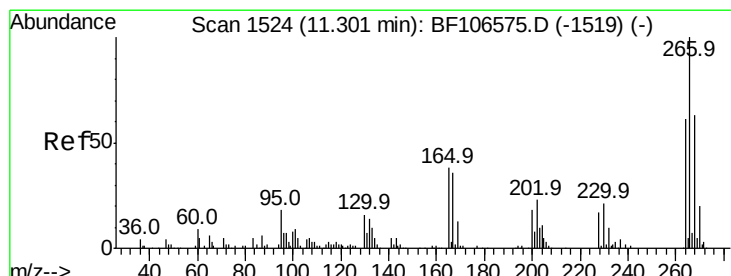
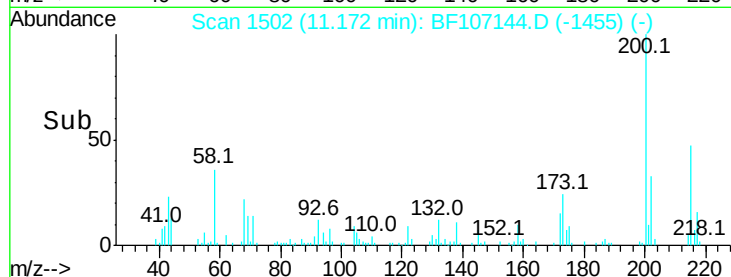
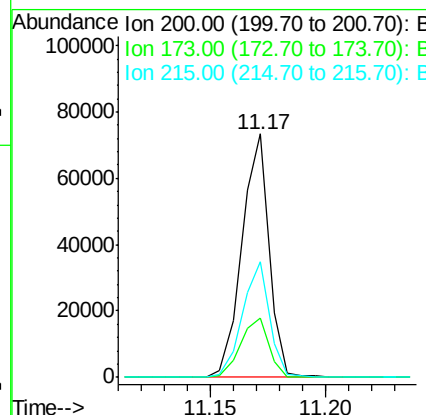
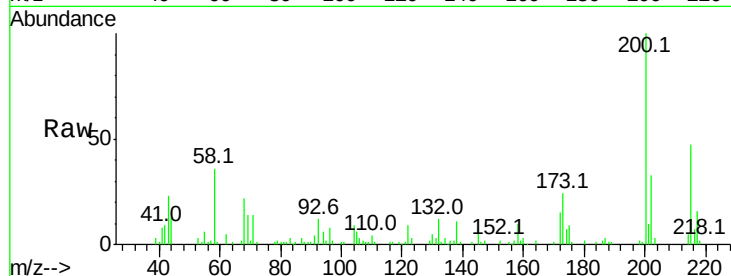




#68
Atrazine
Concen: 37.740 ng
RT: 11.17 min Scan# 1502
Delta R.T. -0.02 min
Lab File: BF107144.D
Acq: 6 Jul 2018 1:27

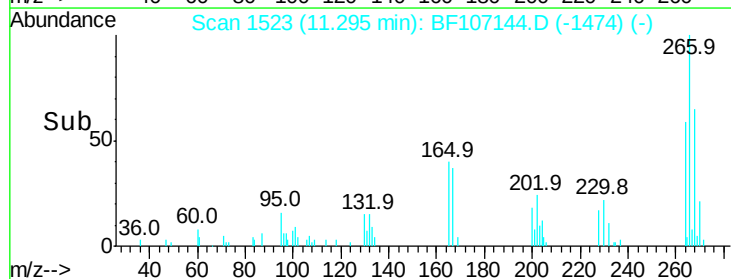
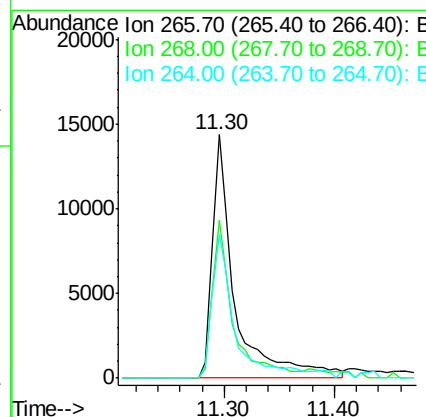
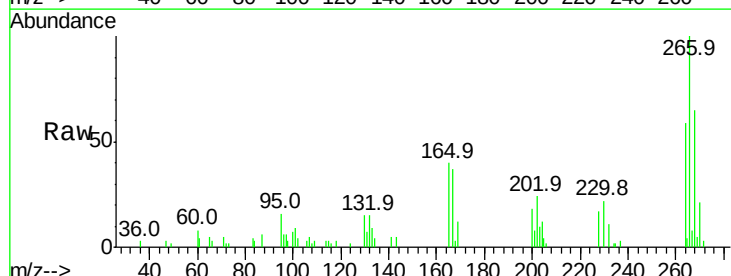
Instrument :
BNA_F
ClientSampled :

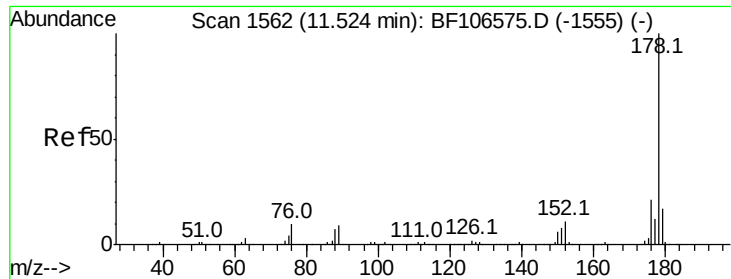
Tot Ion:200 Resp: 60218
Ion Ratio Lower Upper
200 100
173 24.2 8.6 48.6
215 47.4 25.1 65.1



#69
Pentachlorophenol
Concen: 21.383 ng
RT: 11.30 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BF107144.D
Acq: 6 Jul 2018 1:27

Tgt Ion:266 Resp: 19887
Ion Ratio Lower Upper
266 100
268 64.7 51.1 76.7
264 59.1 49.5 74.3

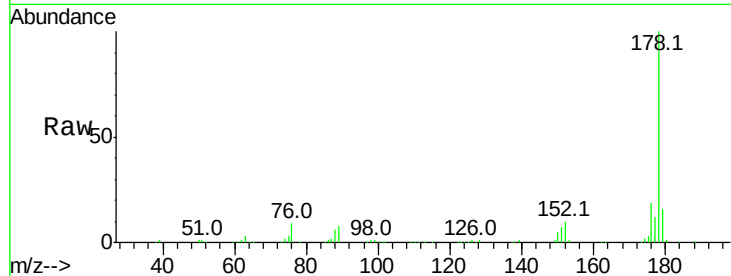




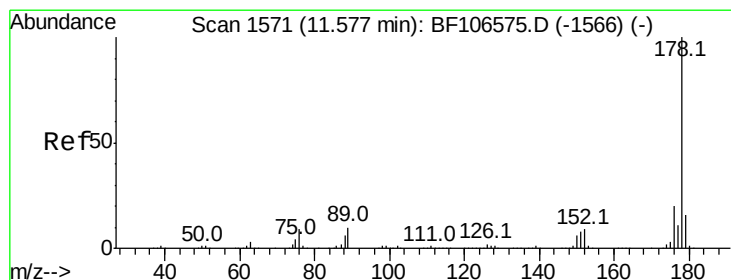
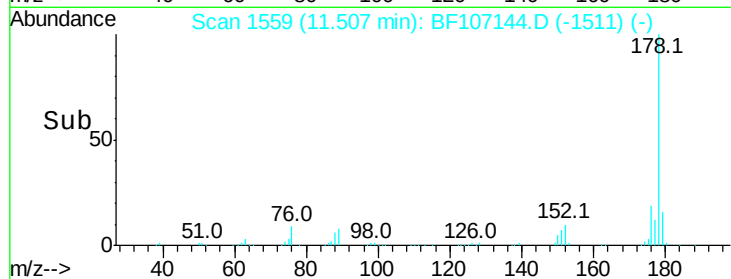
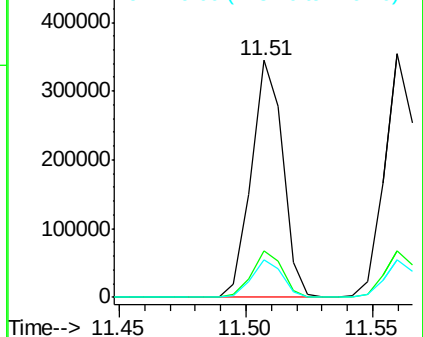
#70
Phenanthrene
Concen: 41.667 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.02 min
Lab File: BF107144.D
Acq: 6 Jul 2018 1:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 299888
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.8
179 15.8 13.0 19.6



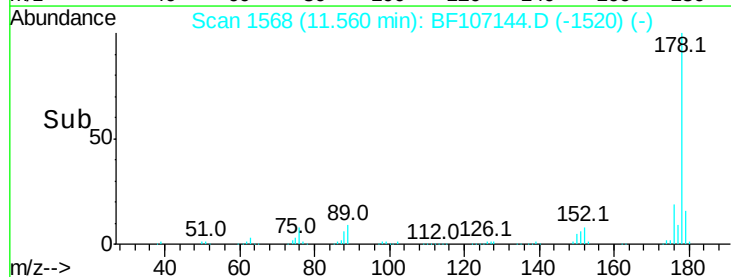
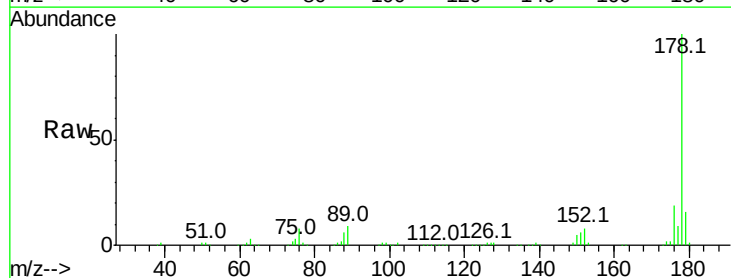
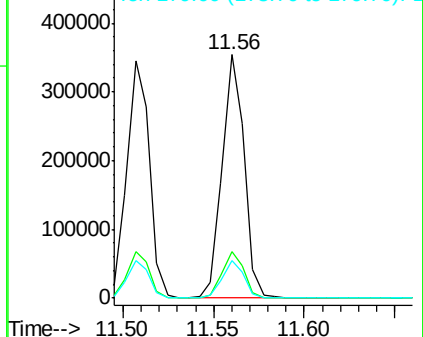
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

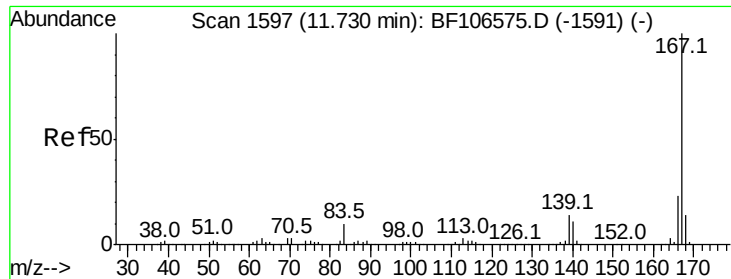


#71
Anthracene
Concen: 40.837 ng
RT: 11.56 min Scan# 1568
Delta R.T. -0.02 min
Lab File: BF107144.D
Acq: 6 Jul 2018 1:27

Tgt Ion:178 Resp: 300000
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.6 12.6 19.0

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

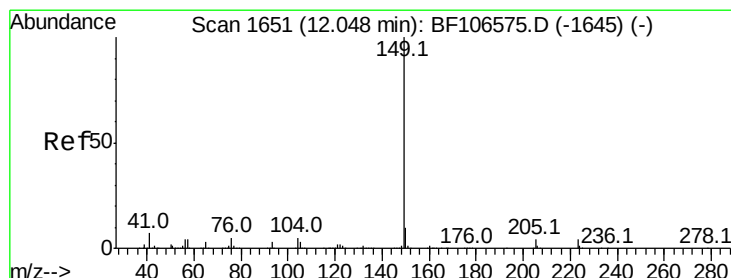
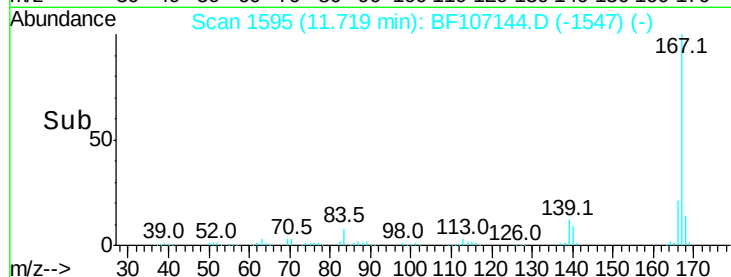
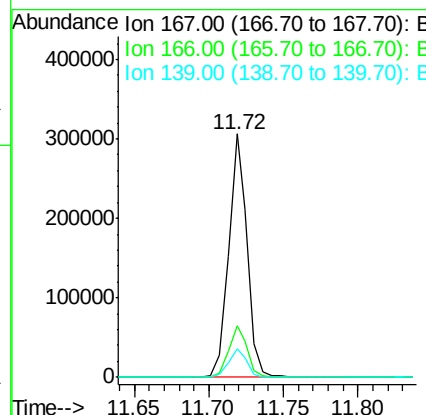
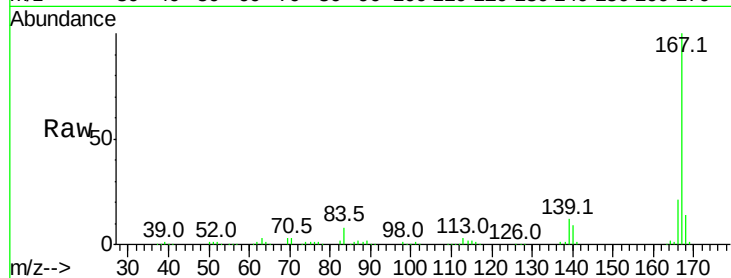




#72
 Carbazole
 Concen: 38.744 ng
 RT: 11.72 min Scan# 1595
 Delta R.T. -0.02 min
 Lab File: BF107144.D
 Acq: 6 Jul 2018 1:27

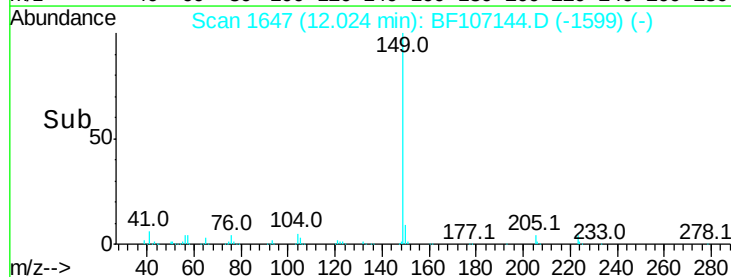
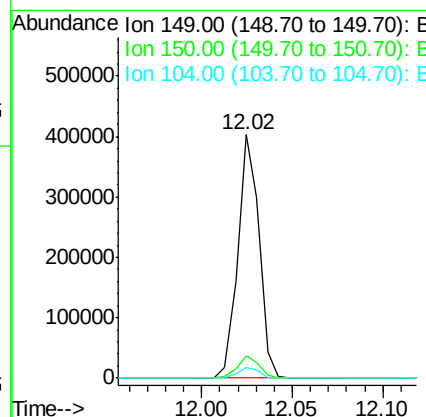
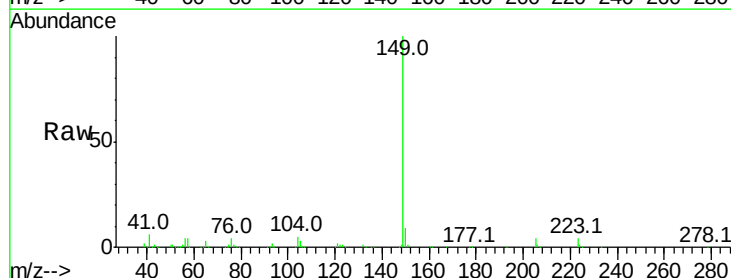
Instrument :
 BNA_F
 ClientSampleId :

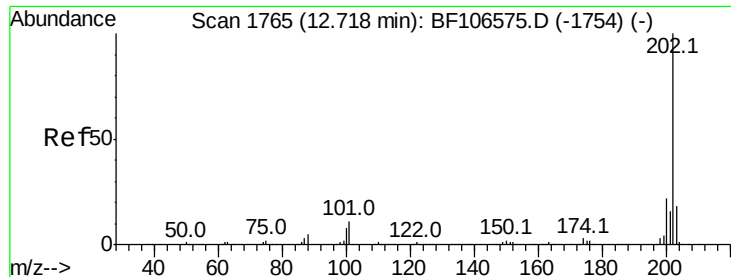
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.6	26.4
139	11.7	10.9	16.3



#73
 Di-n-butylphthalate
 Concen: 40.526 ng
 RT: 12.02 min Scan# 1647
 Delta R.T. -0.02 min
 Lab File: BF107144.D
 Acq: 6 Jul 2018 1:27

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.8	11.6
104	4.6	3.8	5.8

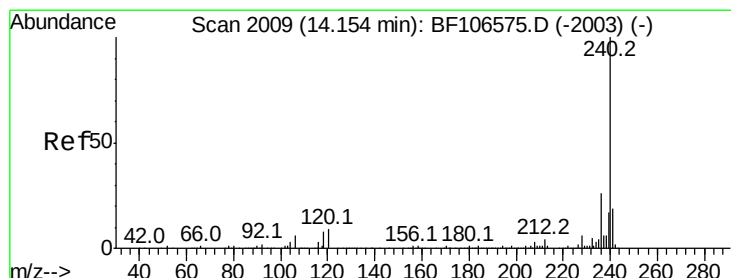
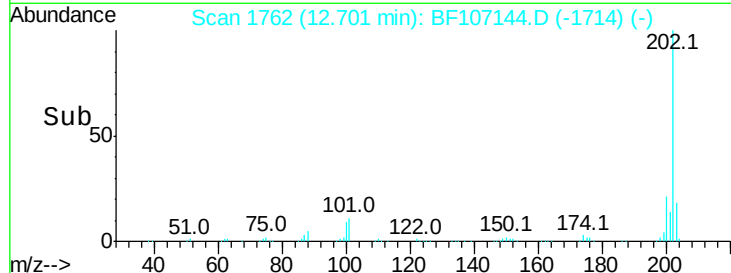
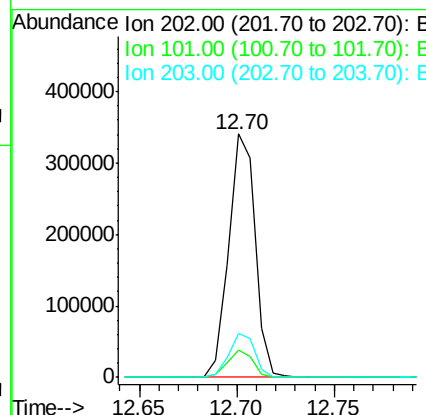
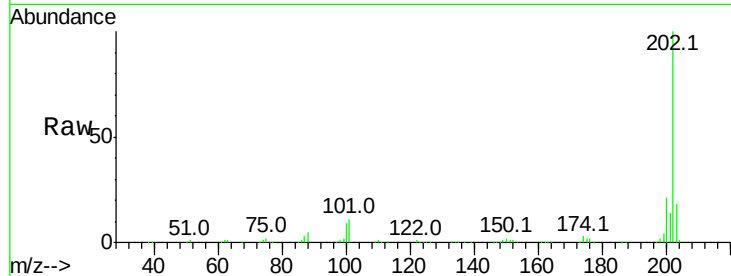




#74
 Fluoranthene
 Concen: 40.414 ng
 RT: 12.70 min Scan# 1762
 Delta R.T. -0.02 min
 Lab File: BF107144.D
 Acq: 6 Jul 2018 1:27

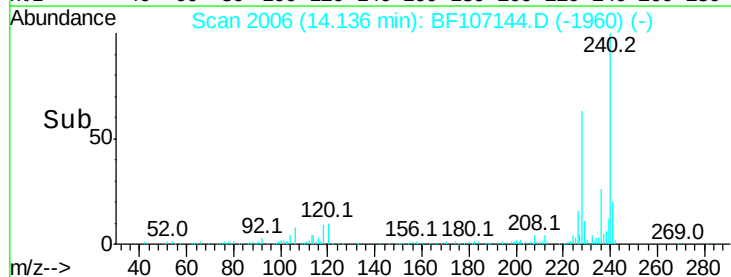
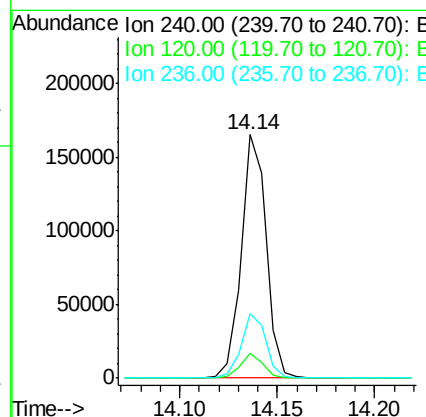
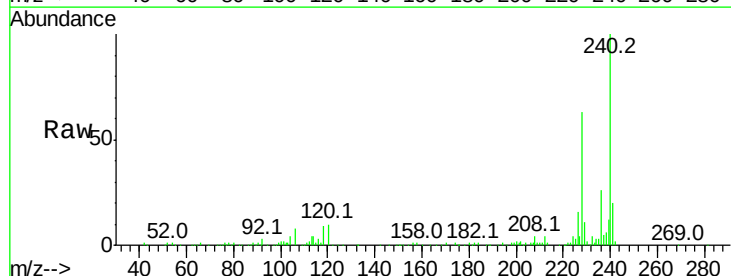
Instrument :
 BNA_F
 ClientSampleId :

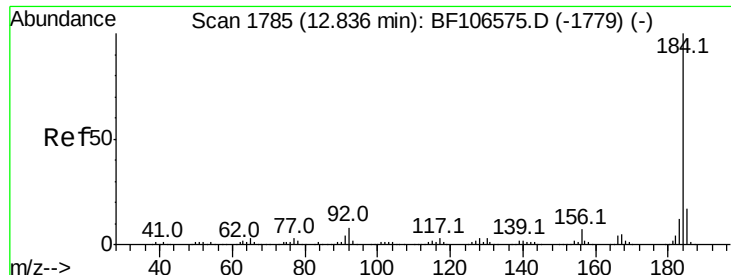
Tot Ion:202 Resp: 320593
 Ion Ratio Lower Upper
 202 100
 101 11.3 0.0 34.1
 203 17.9 0.0 38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2006
 Delta R.T. -0.03 min
 Lab File: BF107144.D
 Acq: 6 Jul 2018 1:27

Tgt Ion:240 Resp: 145596
 Ion Ratio Lower Upper
 240 100
 120 10.3 9.5 14.3
 236 26.4 20.7 31.1

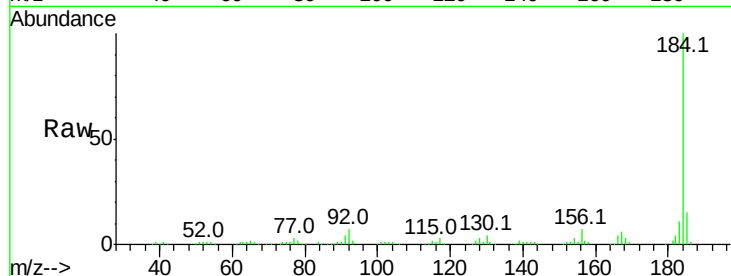




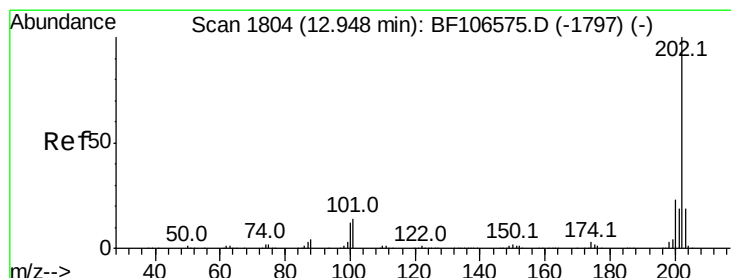
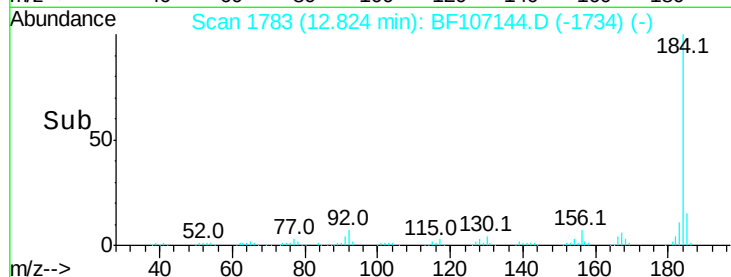
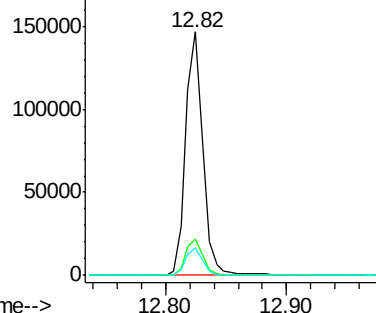
#76
Benzidine
Concen: 34.603 ng
RT: 12.82 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BF107144.D
Acq: 6 Jul 2018 1:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 143483
Ion Ratio Lower Upper
184 100
185 15.0 12.6 18.8
183 11.4 9.3 13.9

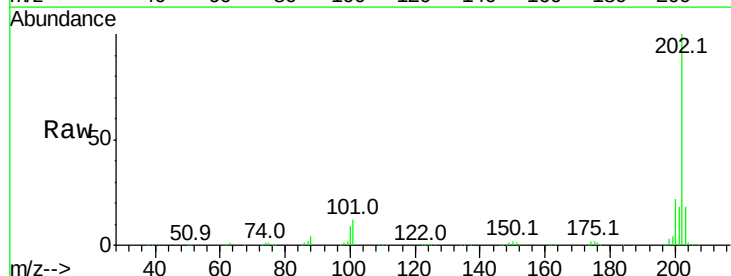


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

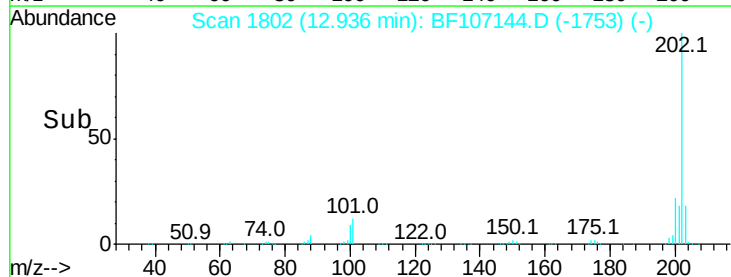
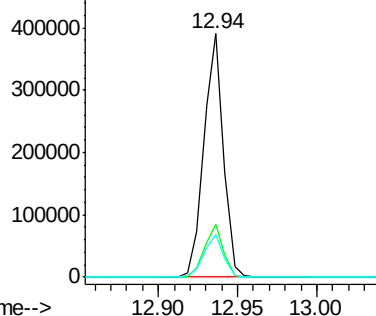


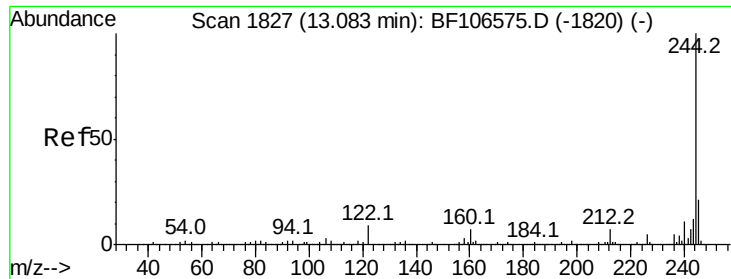
#77
Pyrene
Concen: 34.375 ng
RT: 12.94 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BF107144.D
Acq: 6 Jul 2018 1:27

Tgt Ion:202 Resp: 330036
Ion Ratio Lower Upper
202 100
200 21.7 17.4 26.2
203 17.7 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 76.804 ng

RT: 13.07 min Scan# 1824

Delta R.T. -0.02 min

Lab File: BF107144.D

Acq: 6 Jul 2018 1:27

Instrument :

BNA_F

ClientSampleId :

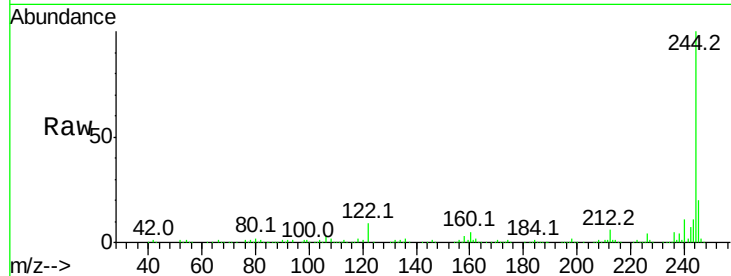
Tot Ion:244 Resp: 461643

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

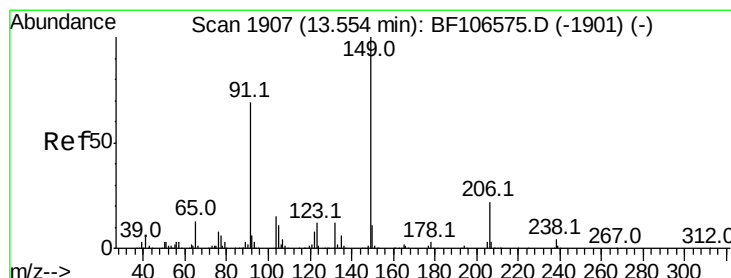
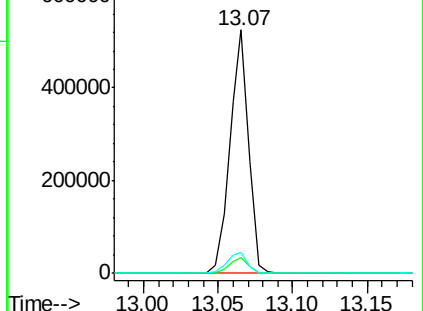
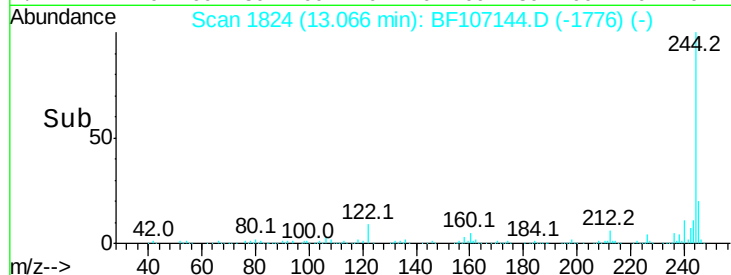
122 8.5 11.0 16.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 31.890 ng

RT: 13.53 min Scan# 1903

Delta R.T. -0.02 min

Lab File: BF107144.D

Acq: 6 Jul 2018 1:27

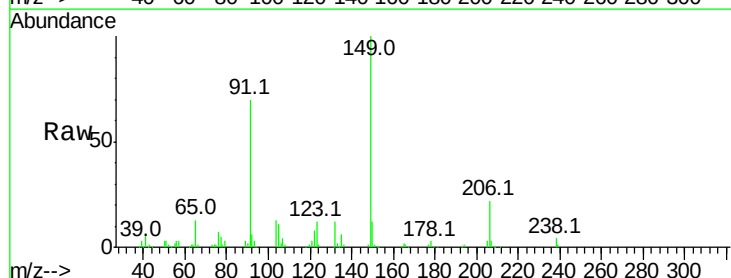
Tgt Ion:149 Resp: 125884

Ion Ratio Lower Upper

149 100

91 69.5 56.8 85.2

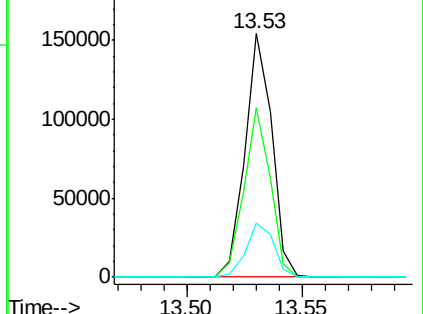
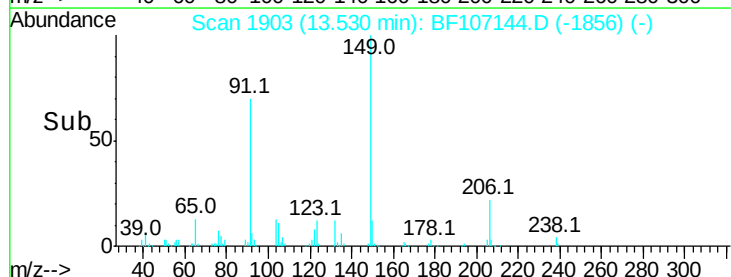
206 22.2 14.1 21.1#

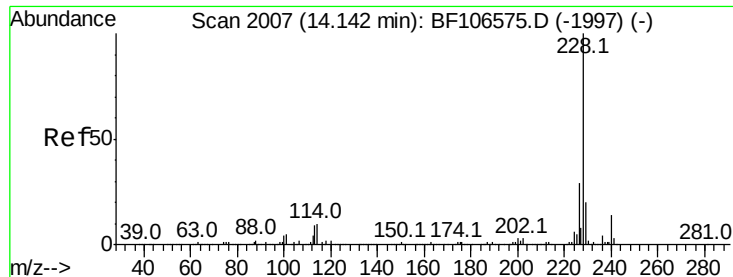


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

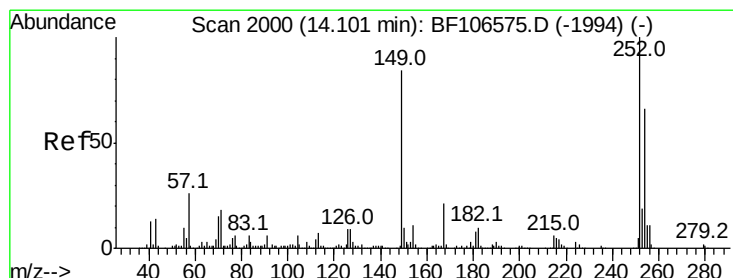
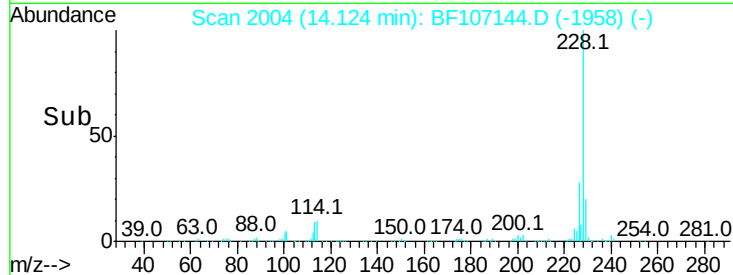
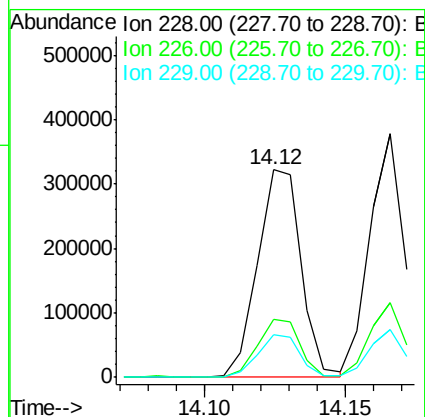
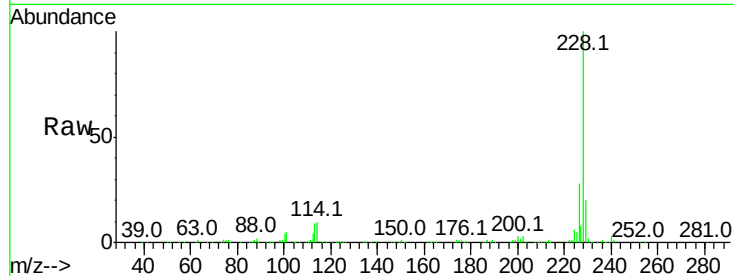




#80
Benzo(a)anthracene
Concen: 38.755 ng
RT: 14.12 min Scan# 2004
Delta R.T. -0.03 min
Lab File: BF107144.D
Acq: 6 Jul 2018 1:27

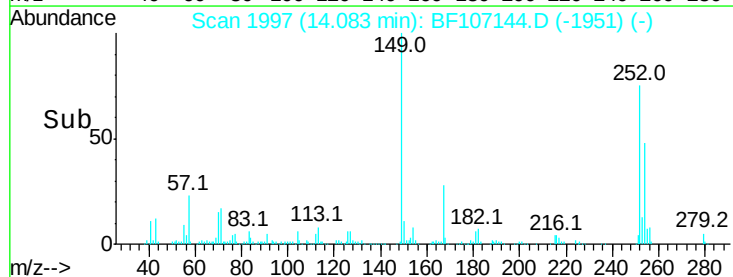
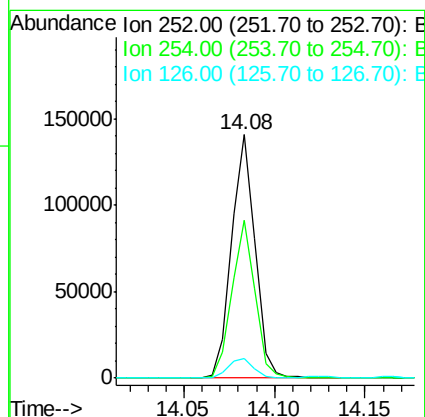
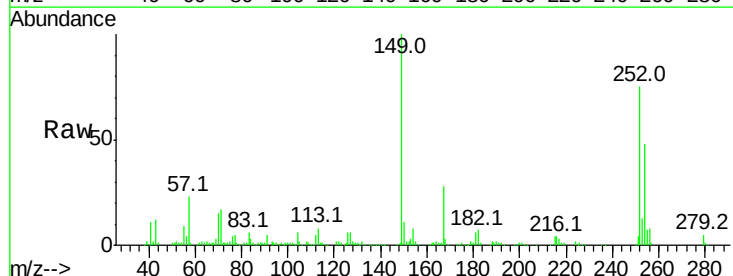
Instrument :
BNA_F
ClientSampled :

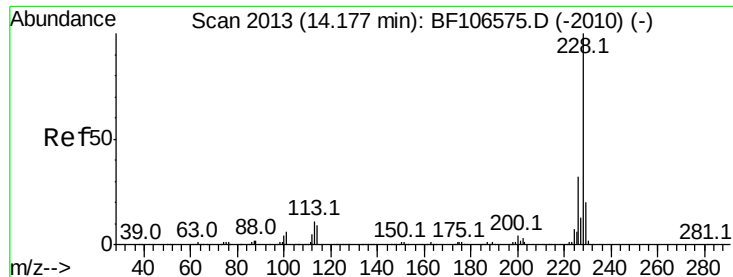
Tot Ion:	228	Resp:	343899
Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	20.4	15.8	23.6



#81
3,3'-Dichlorobenzidine
Concen: 40.897 ng
RT: 14.08 min Scan# 1997
Delta R.T. -0.03 min
Lab File: BF107144.D
Acq: 6 Jul 2018 1:27

Tgt Ion:	252	Resp:	127548
Ion	Ratio	Lower	Upper
252	100		
254	65.0	50.4	75.6
126	8.2	11.3	16.9





#82

Chrysene

Concen: 39.411 ng

RT: 14.17 min Scan# 2011

Delta R.T. -0.03 min

Lab File: BF107144.D

Acq: 6 Jul 2018 1:27

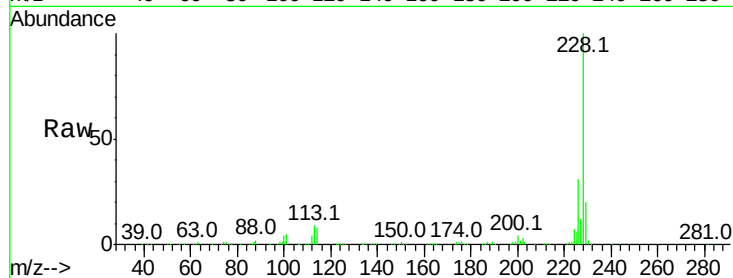
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 321736

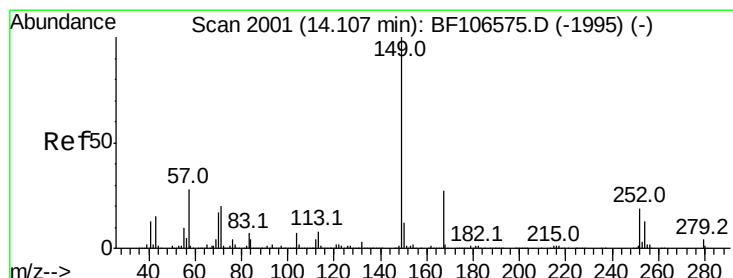
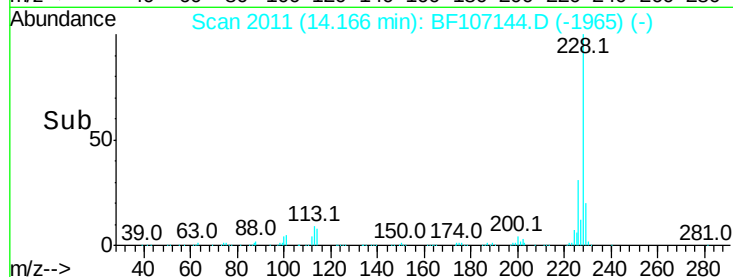
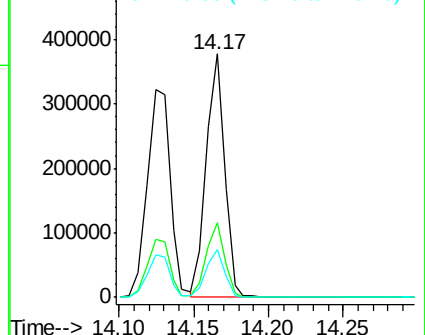
Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	19.6	16.2	24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 32.220 ng

RT: 14.08 min Scan# 1997

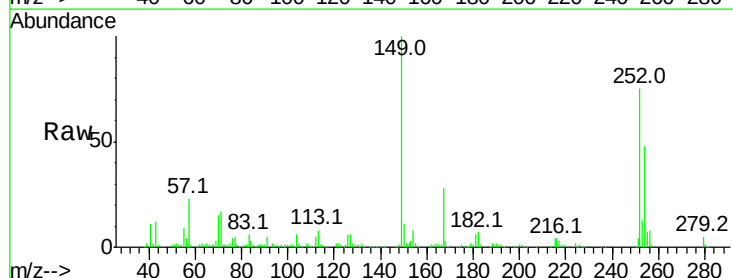
Delta R.T. -0.03 min

Lab File: BF107144.D

Acq: 6 Jul 2018 1:27

Tgt Ion:149 Resp: 162604

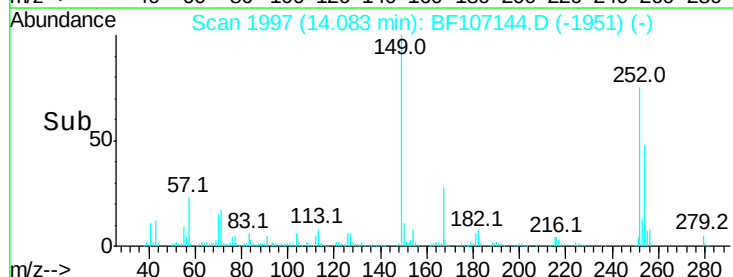
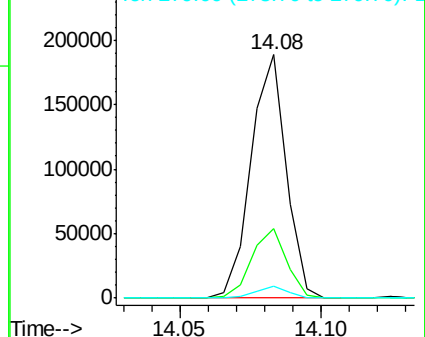
Ion	Ratio	Lower	Upper
149	100		
167	28.5	21.3	31.9
279	4.9	3.0	4.4

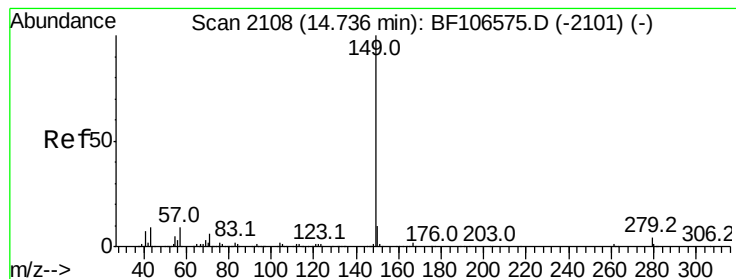


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 39.752 ng

RT: 14.71 min Scan# 2103

Delta R.T. -0.06 min

Lab File: BF107144.D

Acq: 6 Jul 2018 1:27

Instrument :

BNA_F

ClientSampleId :

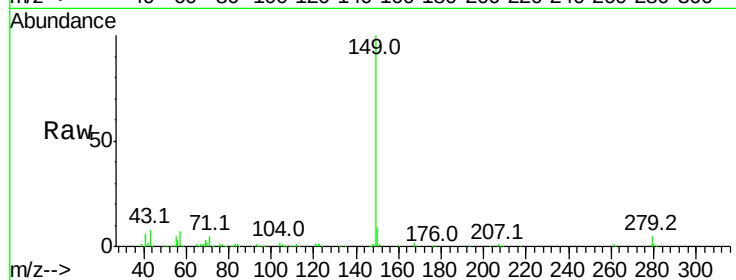
Tot Ion:149 Resp: 327016

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

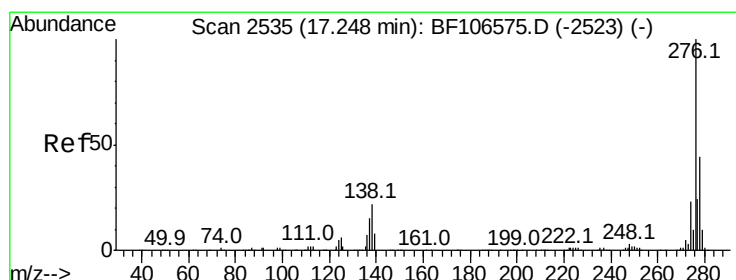
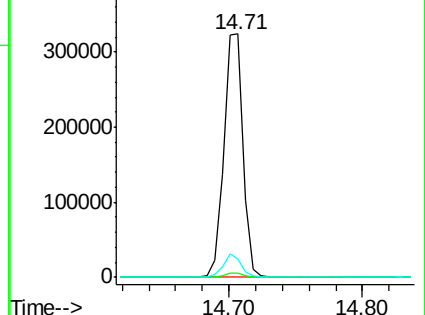
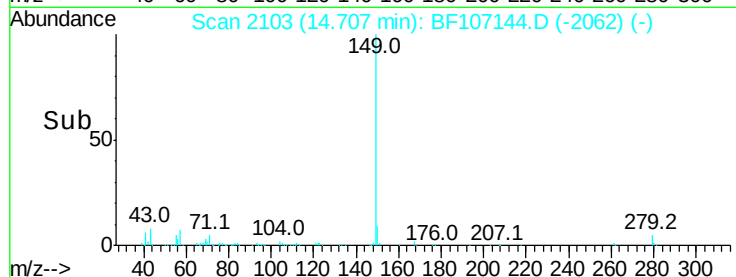
43 8.5 8.4 12.6



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: 32.369 ng

RT: 17.25 min Scan# 2536

Delta R.T. -0.05 min

Lab File: BF107144.D

Acq: 6 Jul 2018 1:27

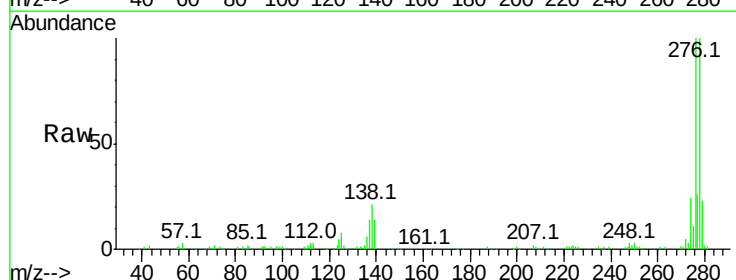
Tgt Ion:276 Resp: 224253

Ion Ratio Lower Upper

276 100

138 21.3 25.0 37.6#

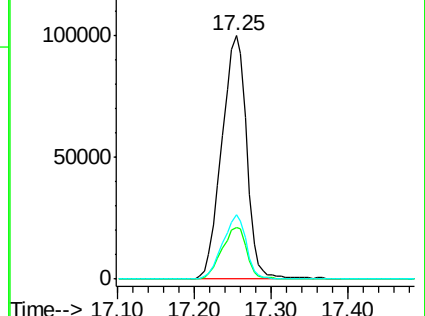
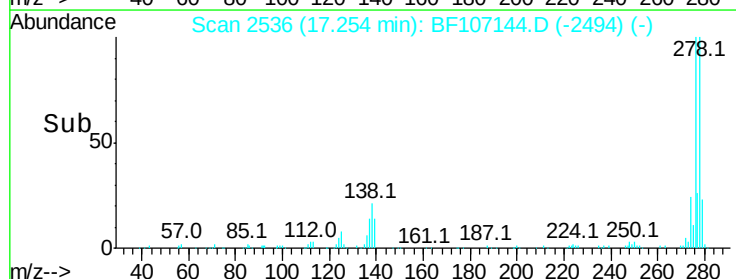
277 24.9 20.1 30.1

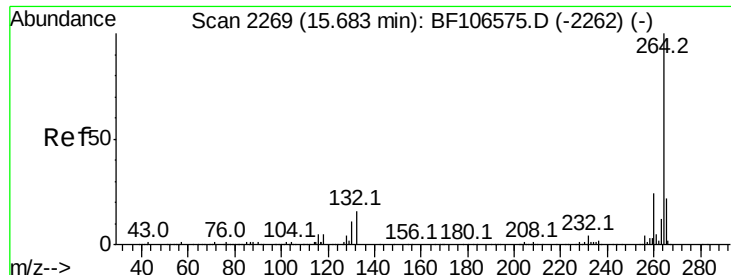


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



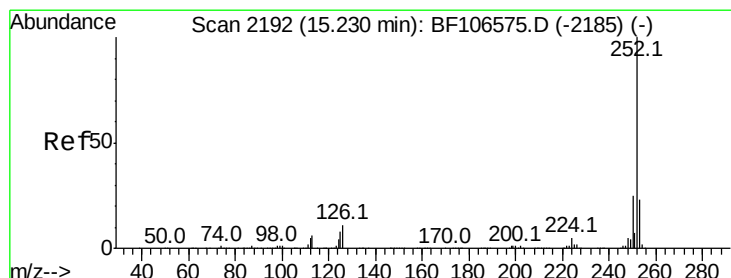
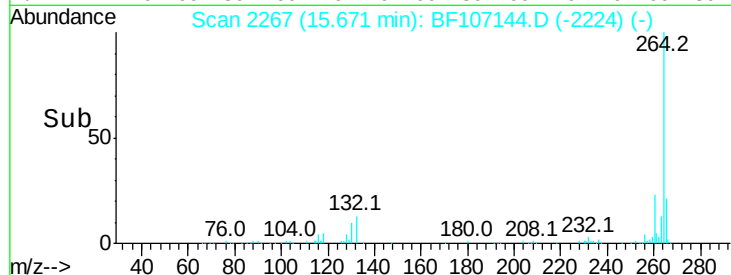
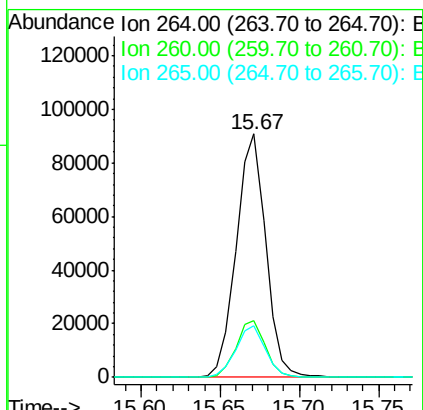
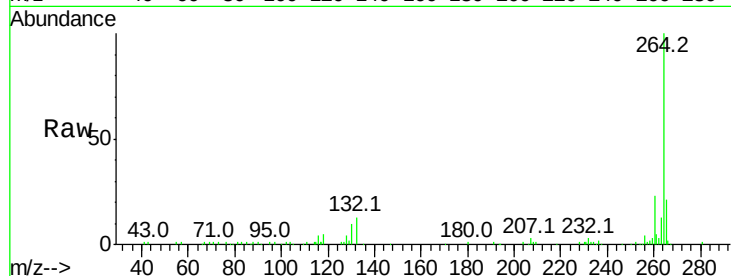


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2267
Delta R.T. -0.05 min
Lab File: BF107144.D
Acq: 6 Jul 2018 1:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 116945

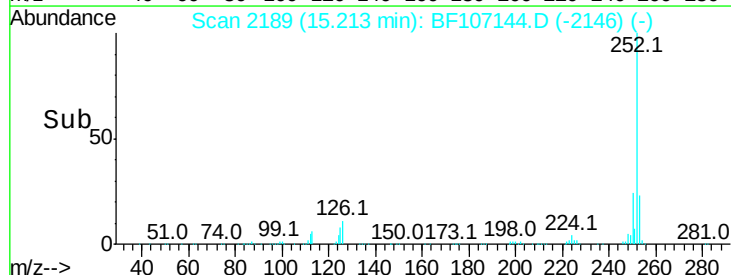
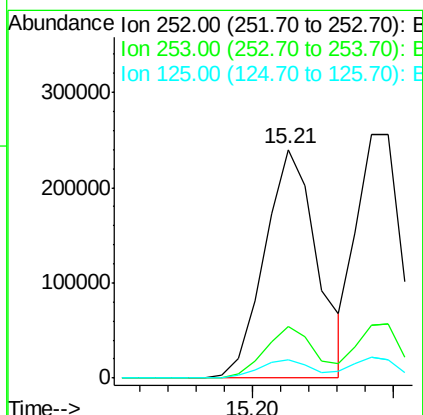
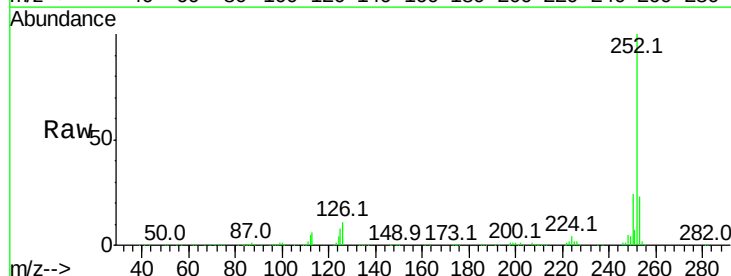
Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.2	17.5	26.3

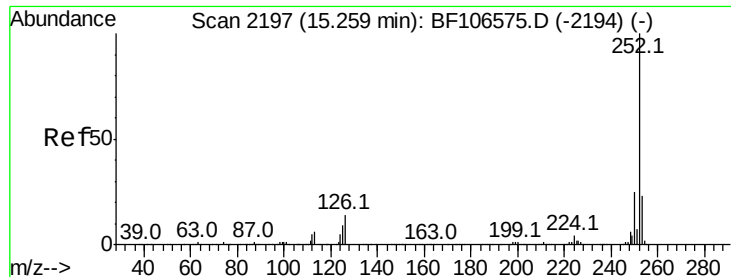


#87
Benzo(b)fluoranthene
Concen: 42.673 ng
RT: 15.21 min Scan# 2189
Delta R.T. -0.05 min
Lab File: BF107144.D
Acq: 6 Jul 2018 1:27

Tgt Ion:252 Resp: 310001

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.6
125	8.0	9.0	13.6

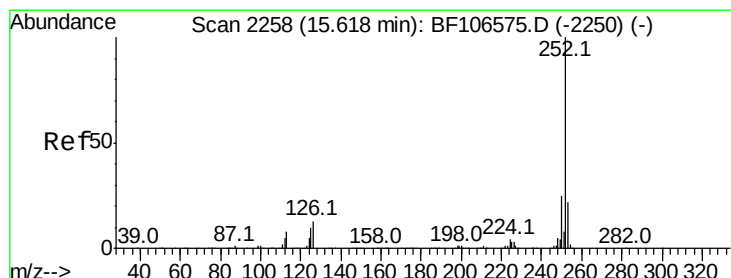
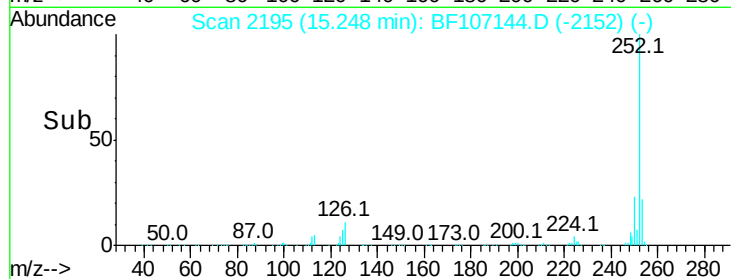
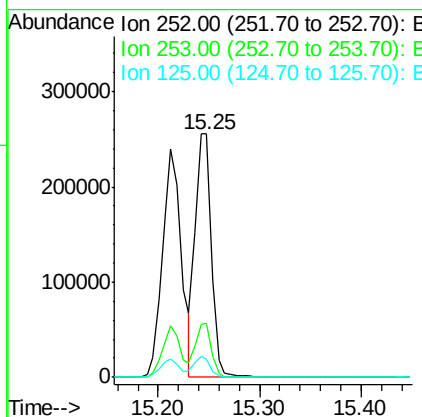
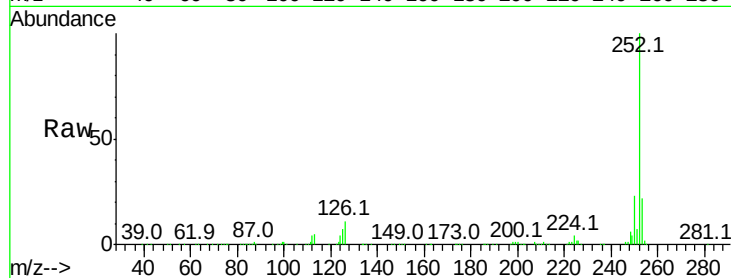




#88
Benzo(k)fluoranthene
Concen: 40.891 ng
RT: 15.25 min Scan# 2195
Delta R.T. -0.05 min
Lab File: BF107144.D
Acq: 6 Jul 2018 1:27

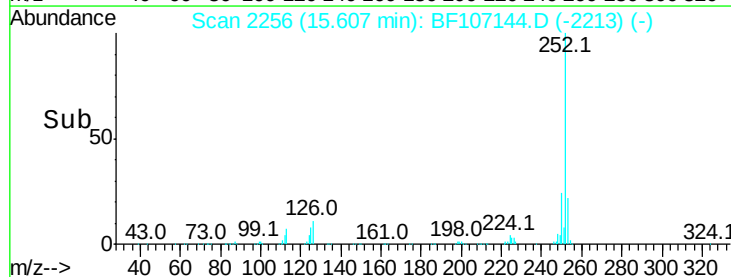
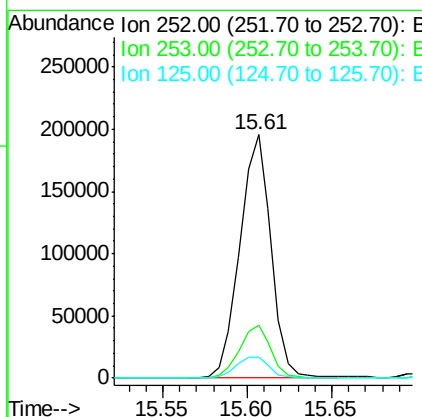
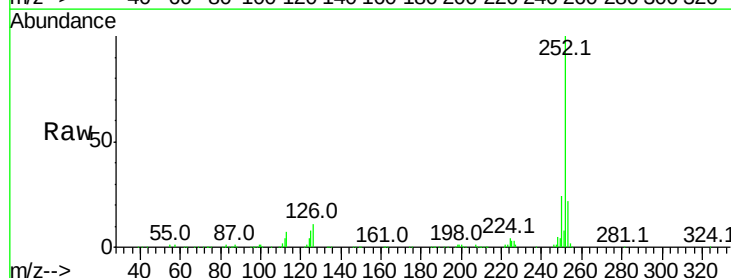
Instrument :
BNA_F
ClientSampleId :

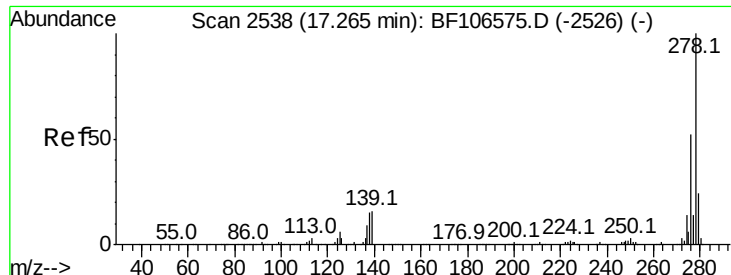
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	7.5	10.2	15.2#



#89
Benzo(a)pyrene
Concen: 38.912 ng
RT: 15.61 min Scan# 2256
Delta R.T. -0.05 min
Lab File: BF107144.D
Acq: 6 Jul 2018 1:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	8.5	9.8	14.6#





#90

Dibenzo(a,h)anthracene

Concen: 35.601 ng

RT: 17.26 min Scan# 2537

Delta R.T. -0.06 min

Lab File: BF107144.D

Acq: 6 Jul 2018 1:27

Instrument :

BNA_F

ClientSampleId :

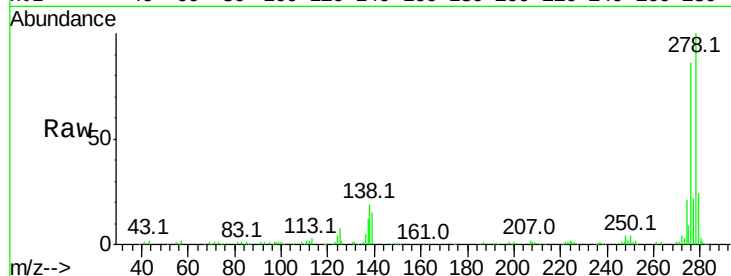
Tot Ion:278 Resp: 194850

Ion Ratio Lower Upper

278 100

139 14.5 15.9 23.9#

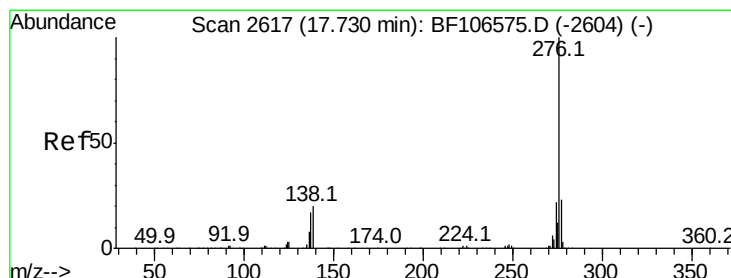
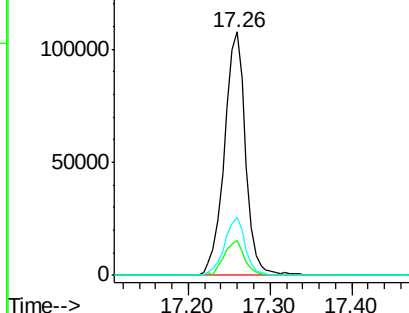
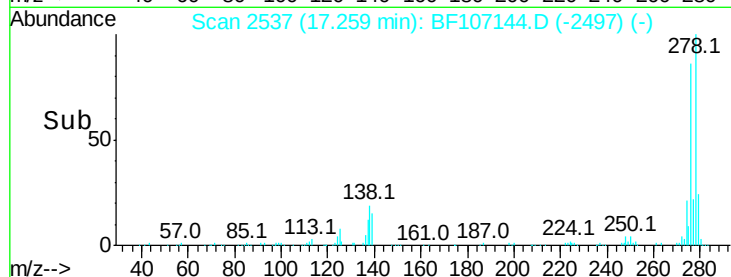
279 23.6 19.0 28.4



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: 33.639 ng

RT: 17.73 min Scan# 2617

Delta R.T. -0.06 min

Lab File: BF107144.D

Acq: 6 Jul 2018 1:27

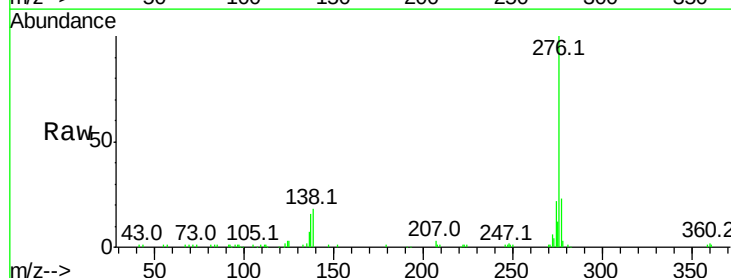
Tgt Ion:276 Resp: 179955

Ion Ratio Lower Upper

276 100

277 22.8 17.9 26.9

138 18.0 21.8 32.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

