

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062518\
 Data File : BF106772.D
 Acq On : 25 Jun 2018 15:38
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 25 16:55:14 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 22 11:34:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	74325	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	299549	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	156103	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	311995	20.00	ng	0.00
75) Chrysene-d12	14.17	240	236790	20.00	ng	0.01
86) Perylene-d12	15.72	264	204006	20.00	ng	0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	309834	70.59	ng	0.00
7) Phenol-d6	6.61	99	392906	71.68	ng	0.00
23) Nitrobenzene-d5	7.54	82	381063	70.70	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	144316	79.76	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	673543	70.52	ng	0.00
78) Terphenyl-d14	13.08	244	793218	81.14	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.83	88	73558	32.597	ng	97
3) Pyridine	3.61	79	206389	33.724	ng	95
4) n-Nitrosodimethylamine	3.59	42	85435	32.868	ng	84
6) Aniline	6.63	93	259188	34.858	ng	# 68
8) 2-Chlorophenol	6.76	128	177518	36.873	ng	95
9) Benzaldehyde	6.52	77	127015	32.373	ng	98
10) Phenol	6.62	94	210543	33.657	ng	# 73
11) bis(2-Chloroethyl)ether	6.70	93	187359	36.280	ng	97
12) 1,3-Dichlorobenzene	6.91	146	209446	37.145	ng	98
13) 1,4-Dichlorobenzene	6.98	146	211353	37.076	ng	99
14) 1,2-Dichlorobenzene	7.14	146	192535	36.853	ng	97
15) Benzyl Alcohol	7.11	79	154506	35.104	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	186949	27.591	ng	# 38
17) 2-Methylphenol	7.22	107	160476	38.951	ng	# 93
18) Hexachloroethane	7.47	117	73279	36.554	ng	# 86
19) n-Nitroso-di-n-propylamine	7.38	70	122663	33.949	ng	92
20) 3+4-Methylphenols	7.38	107	164468	34.696	ng	# 70
22) Acetophenone	7.37	105	243773	36.375	ng	95
24) Nitrobenzene	7.55	77	189908	34.509	ng	99
25) Isophorone	7.79	82	342122	36.020	ng	99
26) 2-Nitrophenol	7.87	139	102075	39.292	ng	93
27) 2,4-Dimethylphenol	7.90	122	146145	36.396	ng	98
28) bis(2-Chloroethoxy)methane	7.99	93	228074	35.763	ng	99
29) 2,4-Dichlorophenol	8.11	162	159799	38.013	ng	92
30) 1,2,4-Trichlorobenzene	8.18	180	185844	40.130	ng	97
31) Naphthalene	8.27	128	509498	36.380	ng	99
32) Benzoic acid	8.04	122	84208	31.120	ng	93
33) 4-Chloroaniline	8.32	127	217202	36.962	ng	99
34) Hexachlorobutadiene	8.38	225	124655	41.310	ng	98
35) Caprolactam	8.71	113	49391	36.043	ng	99
36) 4-Chloro-3-methylphenol	8.81	107	166104	37.539	ng	98
37) 2-Methylnaphthalene	8.96	142	365585	39.383	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	198877	37.830	ng	# 96
40) Hexachlorocyclopentadiene	9.11	237	120822	44.670	ng	99

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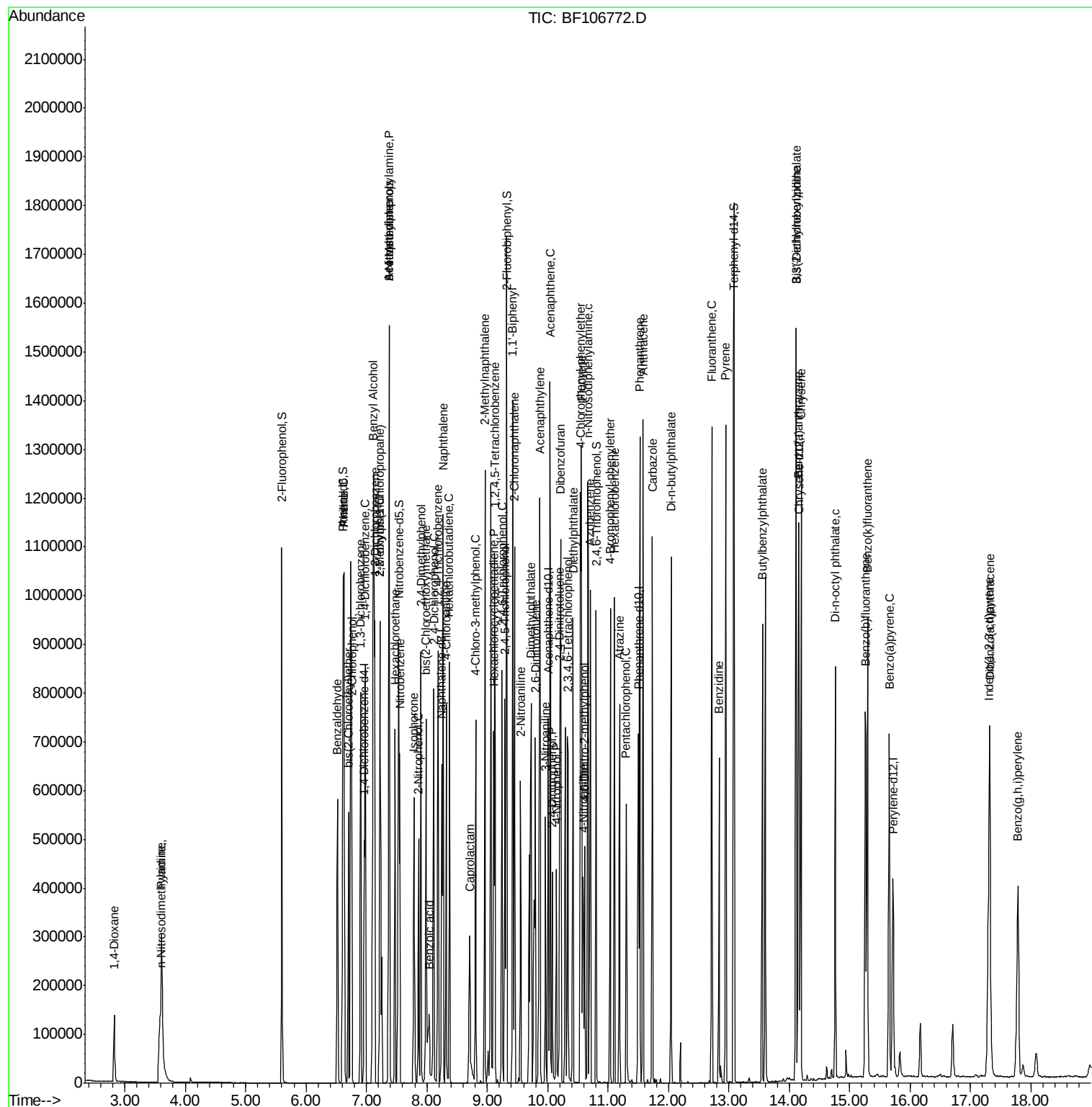
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	121166	34.674	ng	94
43) 2,4,5-Trichlorophenol	9.29	196	127202	34.885	ng	90
45) 1,1'-Biphenyl	9.42	154	456914	36.728	ng	98
46) 2-Chloronaphthalene	9.45	162	334188	34.127	ng	96
47) 2-Nitroaniline	9.55	65	107382	32.610	ng	98
48) Acenaphthylene	9.87	152	526874	34.079	ng	99
49) Dimethylphthalate	9.72	163	416017	35.533	ng	98
50) 2,6-Dinitrotoluene	9.80	165	93118	37.560	ng	86
51) Acenaphthene	10.04	154	332358	34.138	ng	99
52) 3-Nitroaniline	9.97	138	102115	35.794	ng	93
53) 2,4-Dinitrophenol	10.08	184	68894	55.224	ng #	15
54) Dibenzofuran	10.21	168	488465	36.641	ng	97
55) 4-Nitrophenol	10.14	139	73775	37.048	ng	98
56) 2,4-Dinitrotoluene	10.20	165	121810	37.642	ng	88
57) Fluorene	10.56	166	383458	36.248	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.34	232	109966	37.938	ng #	78
59) Diethylphthalate	10.42	149	386700	34.221	ng #	93
60) 4-Chlorophenyl-phenylether	10.54	204	204750	36.992	ng	89
61) 4-Nitroaniline	10.59	138	101673	35.910	ng	96
62) Azobenzene	10.71	77	349086	31.371	ng	92
64) 4,6-Dinitro-2-methylphenol	10.61	198	74809	38.790	ng #	73
65) n-Nitrosodiphenylamine	10.67	169	356399	33.962	ng	100
66) 4-Bromophenyl-phenylether	11.04	248	140739	37.798	ng #	81
67) Hexachlorobenzene	11.11	284	151490	38.872	ng #	82
68) Atrazine	11.20	200	125512	37.623	ng	94
69) Pentachlorophenol	11.31	266	84897	43.659	ng	99
70) Phenanthrene	11.52	178	560012	37.215	ng	99
71) Anthracene	11.58	178	566974	36.913	ng	100
72) Carbazole	11.74	167	510233	35.481	ng	98
73) Di-n-butylphthalate	12.04	149	580431	34.261	ng	100
74) Fluoranthene	12.72	202	605464	36.504	ng	95
76) Benzidine	12.84	184	254116	37.682	ng	98
77) Pyrene	12.95	202	619292	39.661	ng	100
79) Butylbenzylphthalate	13.55	149	230941	35.972	ng #	90
80) Benzo(a)anthracene	14.15	228	527378	36.543	ng	99
81) 3,3'-Dichlorobenzidine	14.11	252	171674	33.846	ng #	96
82) Chrysene	14.19	228	477778	35.985	ng	100
83) Bis(2-ethylhexyl)phthalate	14.11	149	271323	33.057	ng #	99
84) Di-n-octyl phthalate	14.77	149	457339	34.184	ng	95
85) Indeno(1,2,3-cd)pyrene	17.31	276	456510	40.516	ng #	90
87) Benzo(b)fluoranthene	15.26	252	462492	36.495	ng #	97
88) Benzo(k)fluoranthene	15.29	252	429077	35.554	ng #	96
89) Benzo(a)pyrene	15.65	252	413977	36.746	ng #	96
90) Dibenzo(a,h)anthracene	17.32	278	380701	39.874	ng #	92
91) Benzo(g,h,i)perylene	17.79	276	388384	41.618	ng #	89

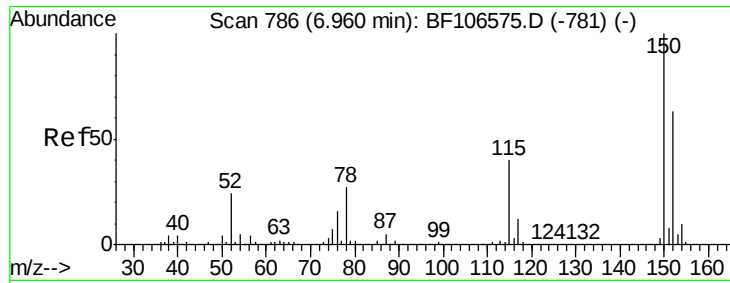
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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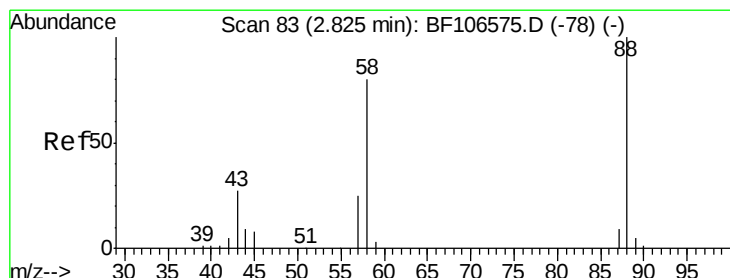
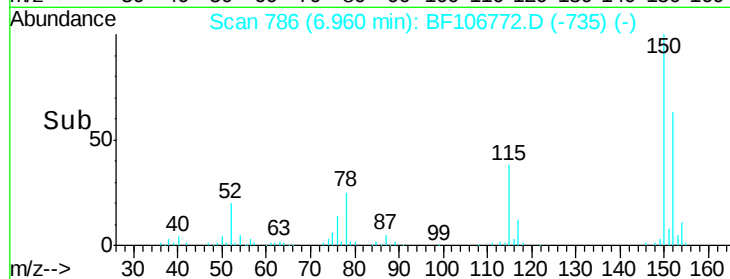
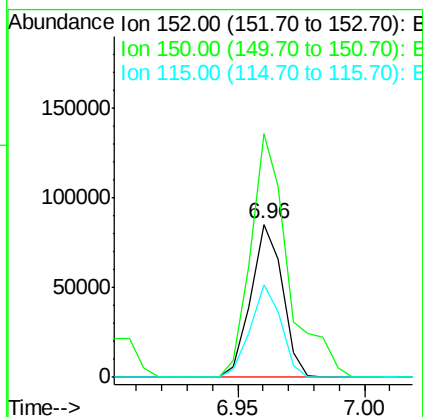
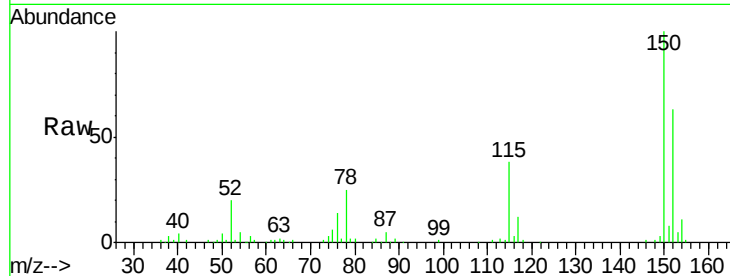


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF106772.D
Acq: 25 Jun 2018 15:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

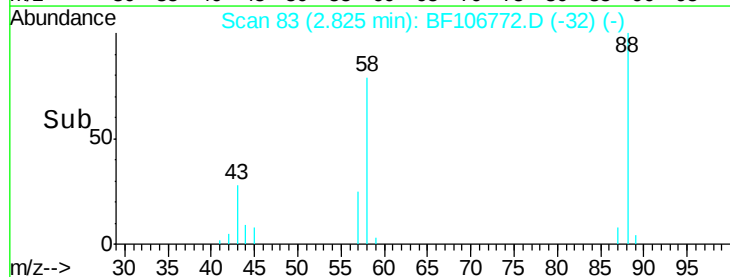
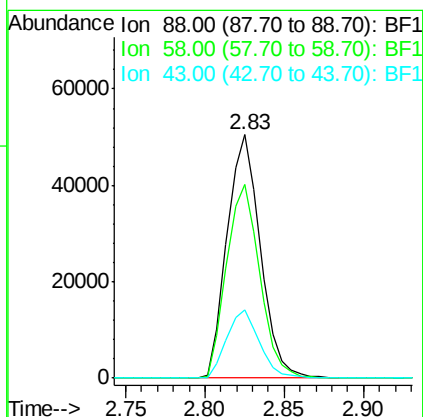
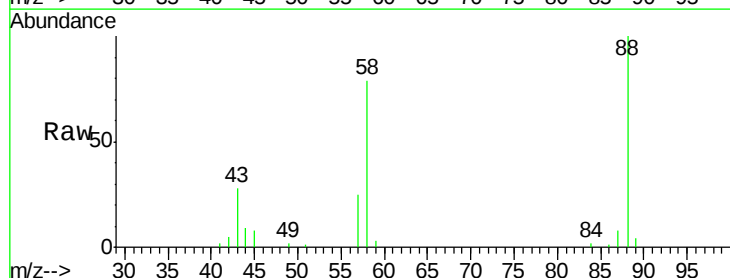
Tgt Ion:152 Resp: 74325
Ion Ratio Lower Upper
152 100
150 159.2 124.6 186.8
115 60.3 50.1 75.1

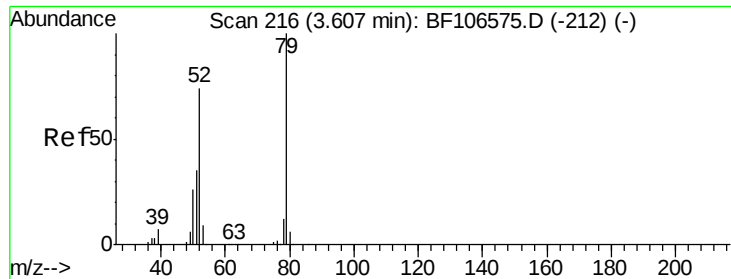


#2

1,4-Dioxane
Concen: 32.597 ng
RT: 2.83 min Scan# 83
Delta R.T. -0.00 min
Lab File: BF106772.D
Acq: 25 Jun 2018 15:38

Tgt Ion: 88 Resp: 73558
Ion Ratio Lower Upper
88 100
58 79.3 62.6 93.8
43 27.5 24.6 37.0





#3

Pyridine

Concen: 33.724 ng

RT: 3.61 min Scan# 216

Delta R.T. 0.00 min

Lab File: BF106772.D

Acq: 25 Jun 2018 15:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

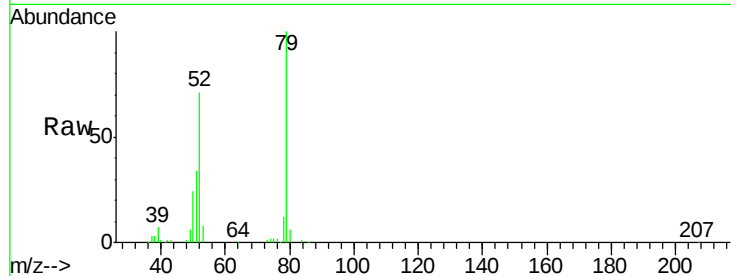
Tgt Ion: 79 Resp: 206389

Ion Ratio Lower Upper

79 100

52 70.9 59.8 89.6

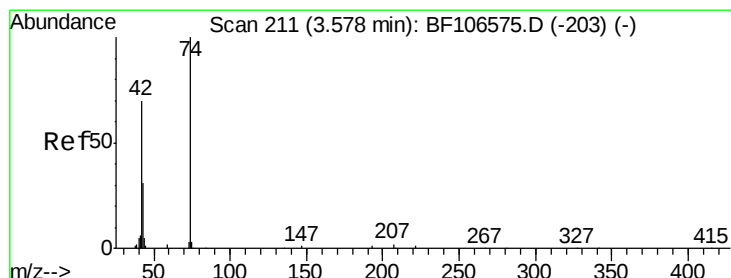
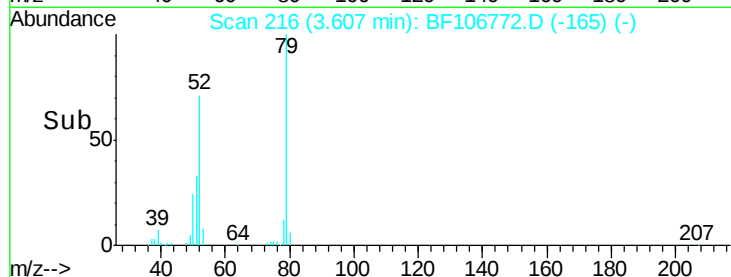
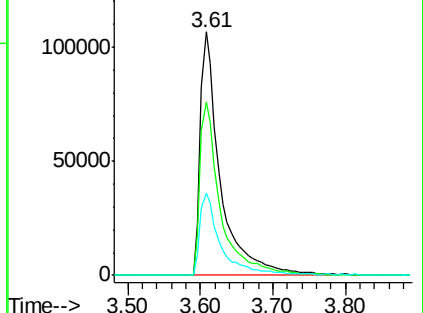
51 33.8 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 32.868 ng

RT: 3.59 min Scan# 213

Delta R.T. 0.01 min

Lab File: BF106772.D

Acq: 25 Jun 2018 15:38

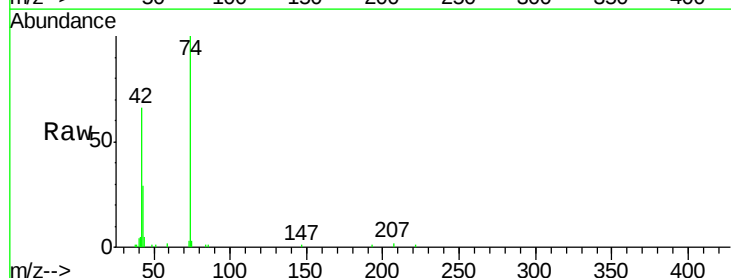
Tgt Ion: 42 Resp: 85435

Ion Ratio Lower Upper

42 100

74 151.3 104.9 157.3

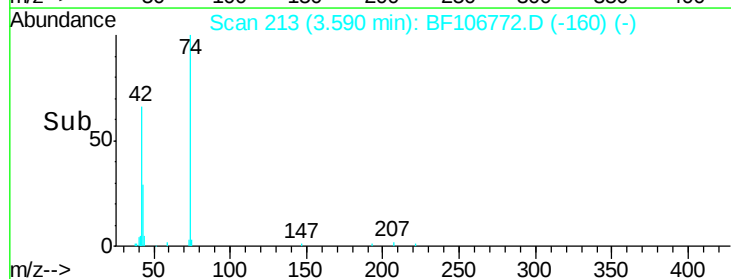
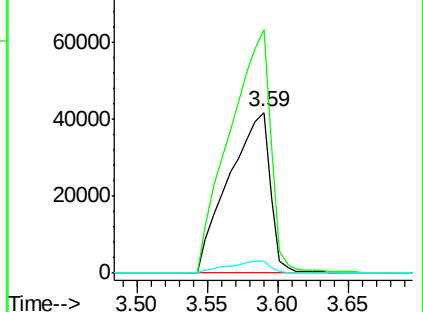
44 7.6 6.9 10.3

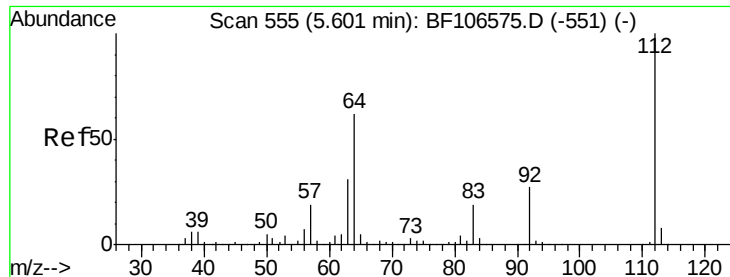


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 70.588 ng

RT: 5.60 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF106772.D

Acq: 25 Jun 2018 15:38

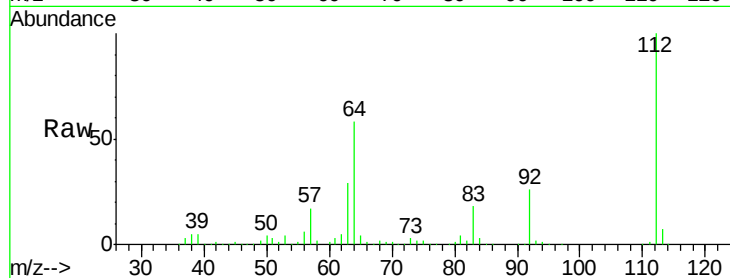
Instrument :

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ClientSampleId :

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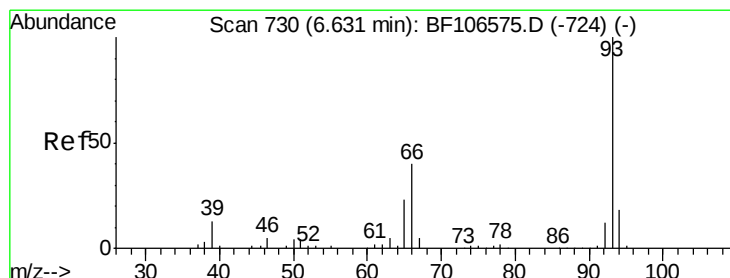
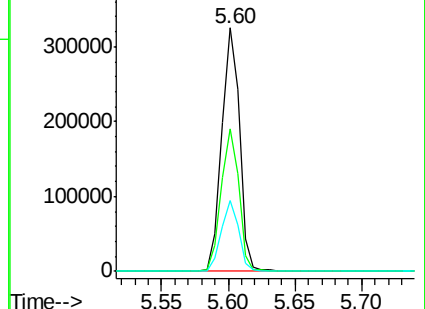
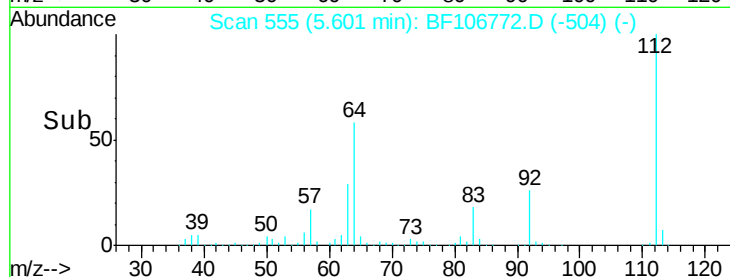
Tgt Ion:	112	Resp:	309834
Ion	Ratio	Lower	Upper
112	100		
64	58.3	47.9	71.9
63	29.1	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 34.858 ng

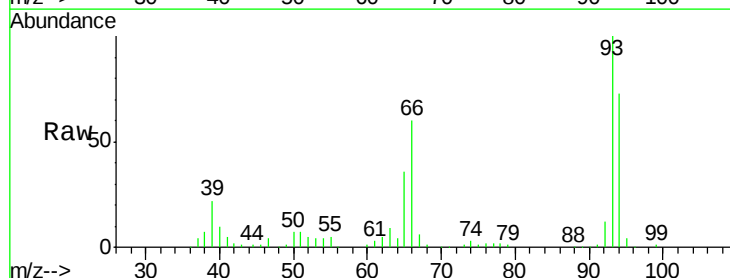
RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF106772.D

Acq: 25 Jun 2018 15:38

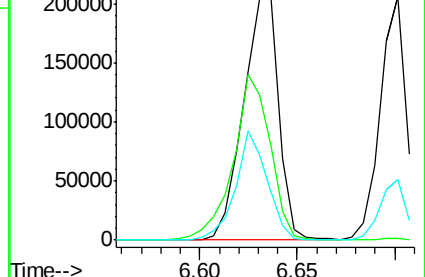
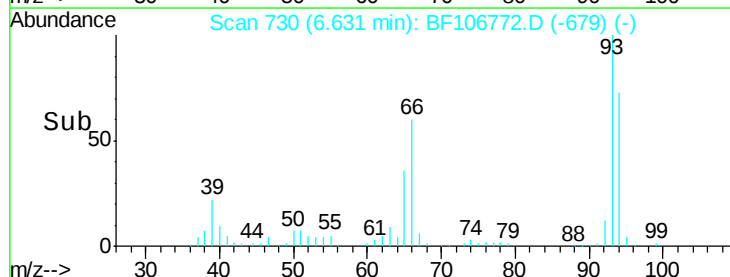
Tgt Ion:	93	Resp:	259188
Ion	Ratio	Lower	Upper
93	100		
66	60.4	32.2	48.2#
65	35.5	16.4	24.6#

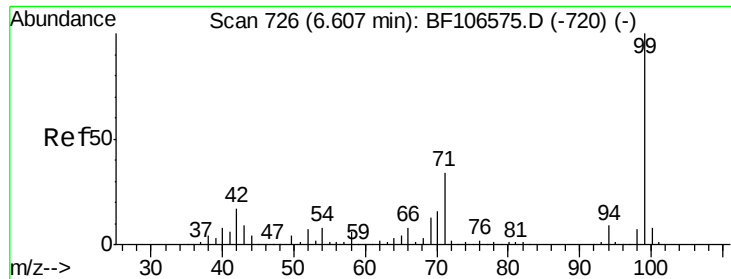


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 71.680 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF106772.D

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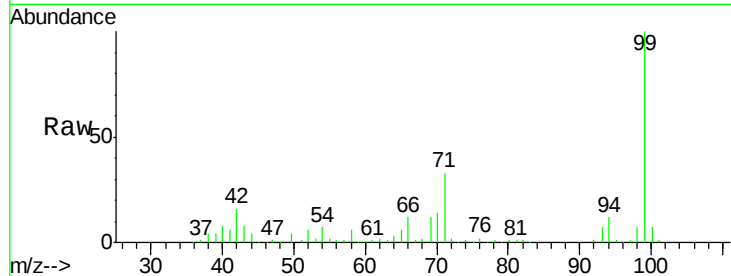
Tgt Ion: 99 Resp: 392906

Ion Ratio Lower Upper

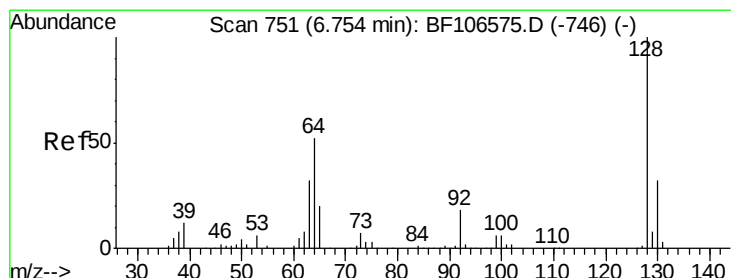
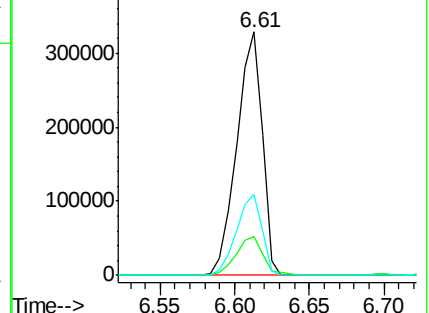
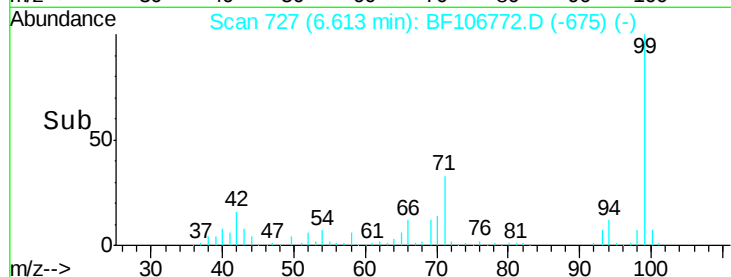
99 100

42 16.1 14.5 21.7

71 33.2 25.4 38.0



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



#8

2-Chlorophenol

Concen: 36.873 ng

RT: 6.76 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF106772.D

Acq: 25 Jun 2018 15:38

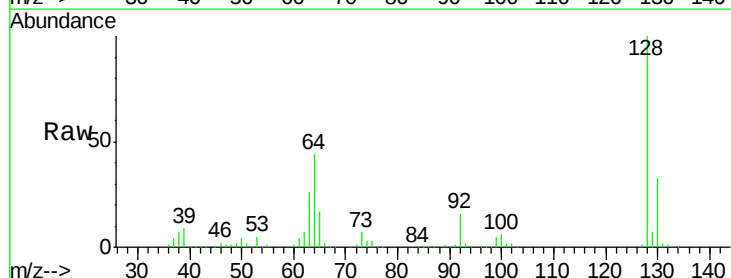
Tgt Ion: 128 Resp: 177518

Ion Ratio Lower Upper

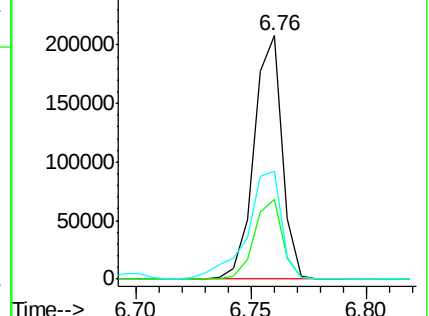
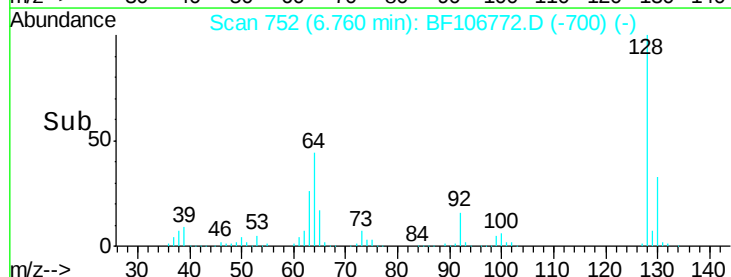
128 100

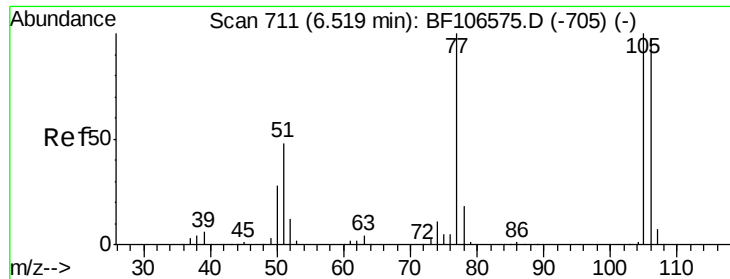
130 32.8 13.0 53.0

64 44.3 29.4 69.4



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





#9

Benzaldehyde

Concen: 32.373 ng

RT: 6.52 min Scan# 711

Delta R.T. -0.00 min

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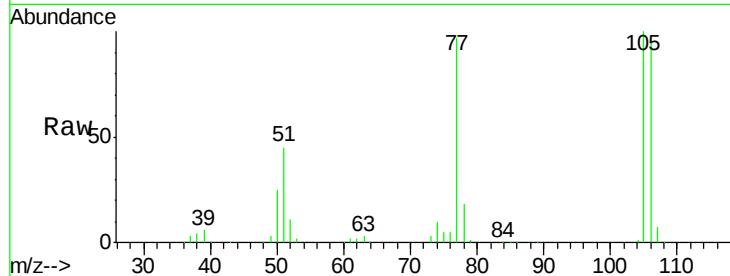
Tgt Ion: 77 Resp: 127015

Ion Ratio Lower Upper

77 100

105 102.8 81.1 121.1

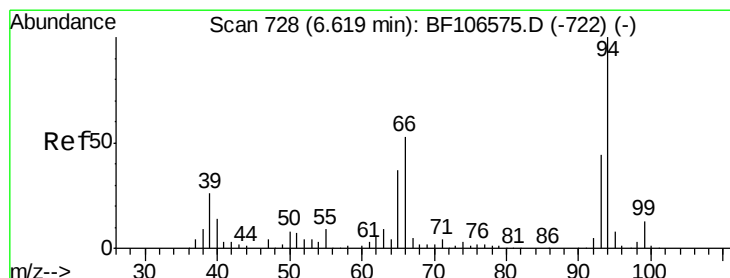
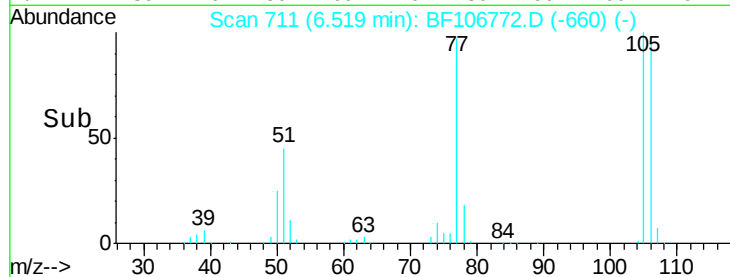
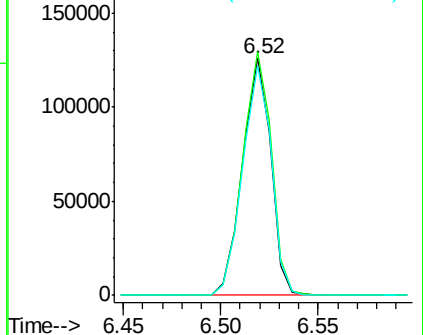
106 97.2 74.5 114.5



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: 33.657 ng

RT: 6.62 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF106772.D

Acq: 25 Jun 2018 15:38

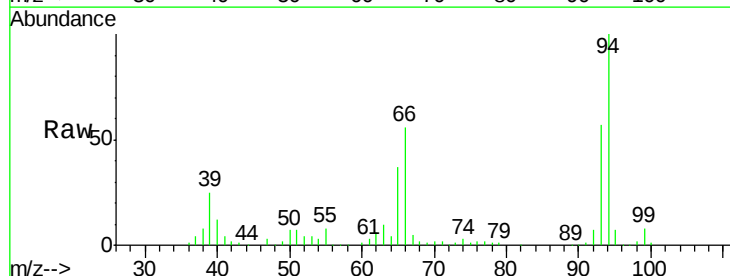
Tgt Ion: 94 Resp: 210543

Ion Ratio Lower Upper

94 100

65 37.2 7.9 47.9

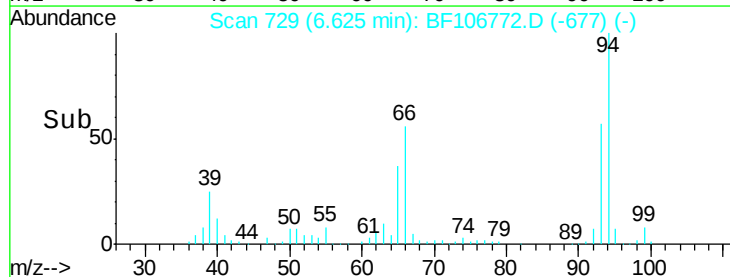
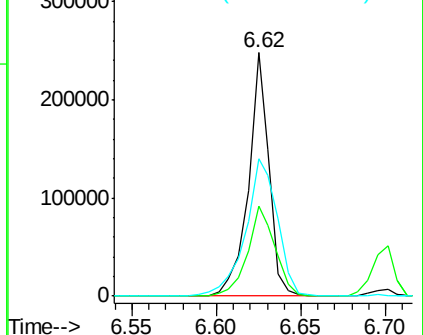
66 56.4 16.2 56.2#

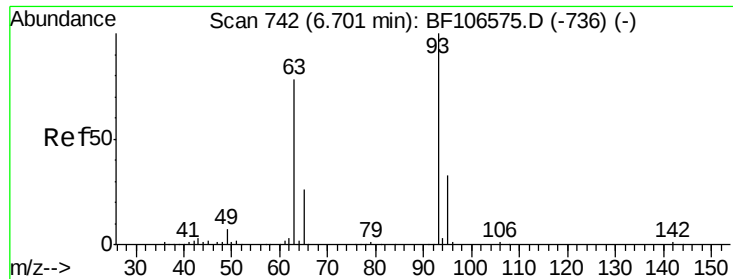


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

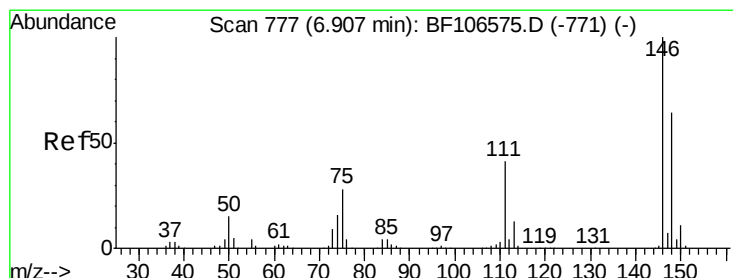
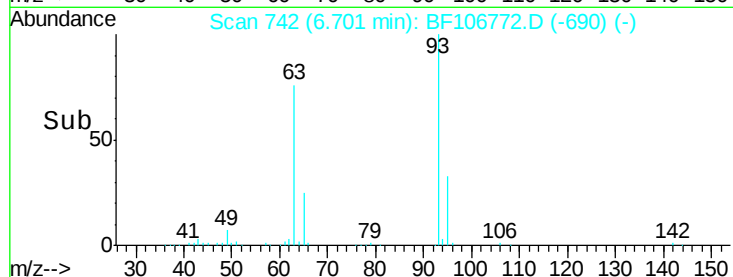
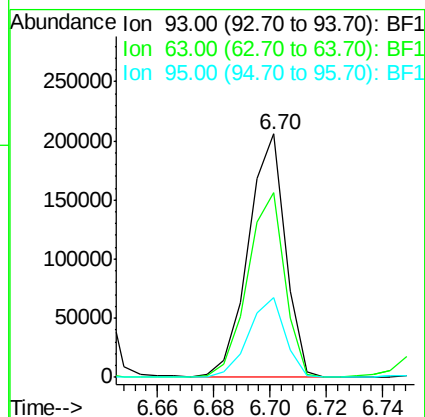
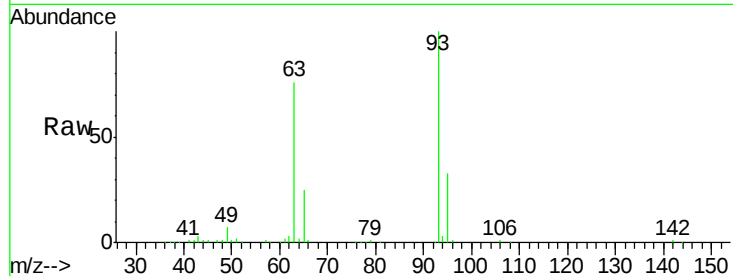




#11
 bis(2-Chloroethyl)ether
 Concen: 36.280 ng
 RT: 6.70 min Scan# 742
 Delta R.T. 0.01 min
 Lab File: BF106772.D
 Acq: 25 Jun 2018 15:38

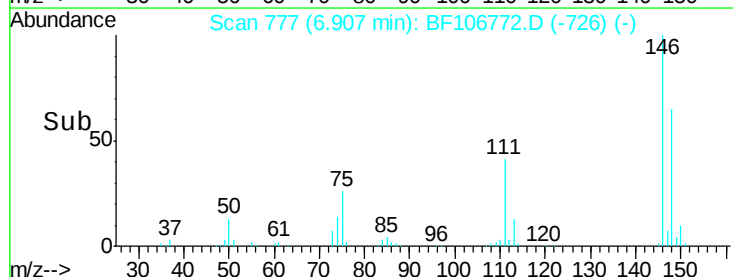
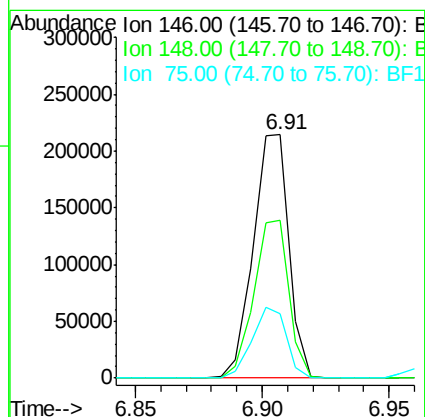
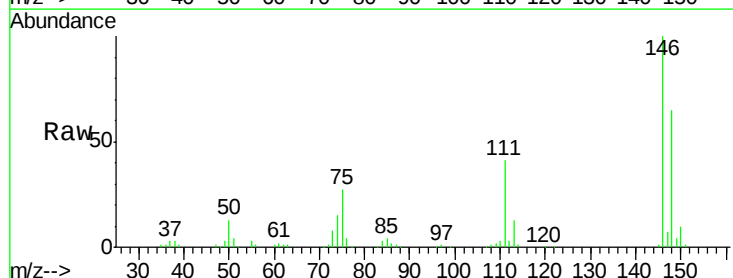
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

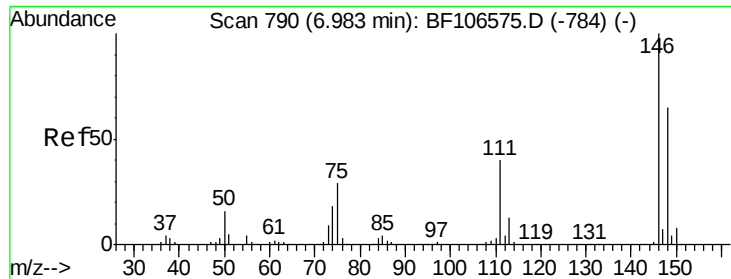
Tgt Ion: 93 Resp: 187359
 Ion Ratio Lower Upper
 93 100
 63 75.9 58.6 98.6
 95 32.6 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 37.145 ng
 RT: 6.91 min Scan# 777
 Delta R.T. 0.00 min
 Lab File: BF106772.D
 Acq: 25 Jun 2018 15:38

Tgt Ion: 146 Resp: 209446
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.8 77.8
 75 26.6 24.2 36.4

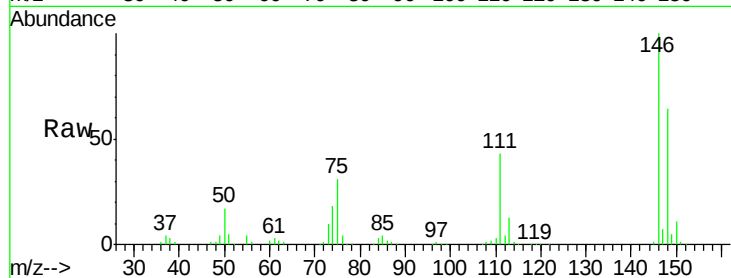




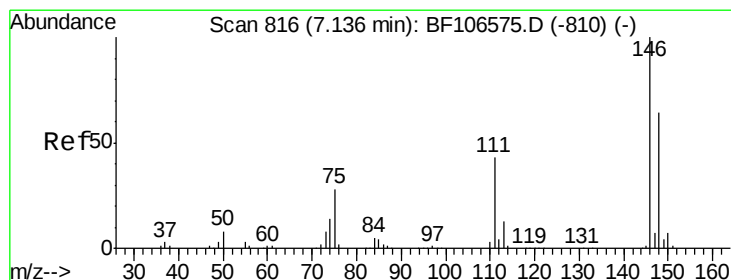
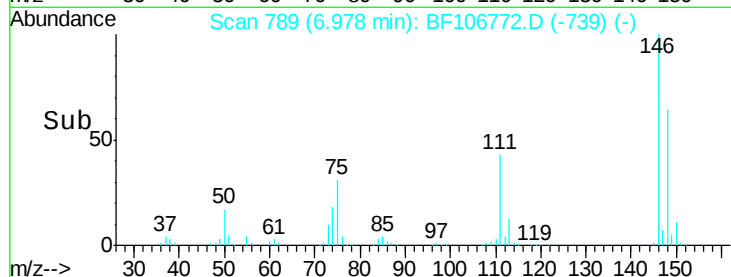
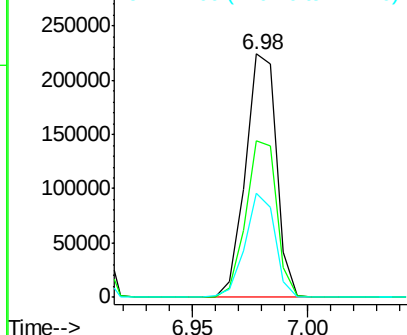
#13
 1,4-Dichlorobenzene
 Concen: 37.076 ng
 RT: 6.98 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF106772.D
 Acq: 25 Jun 2018 15:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:146 Resp: 211353
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.8 76.2
 111 42.5 34.2 51.2

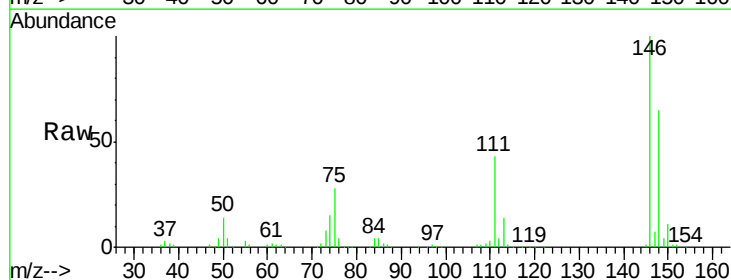


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

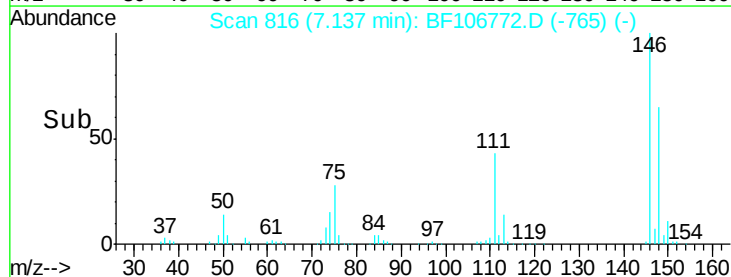
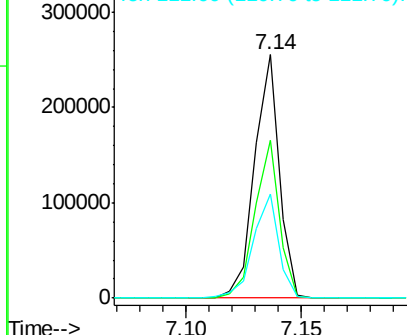


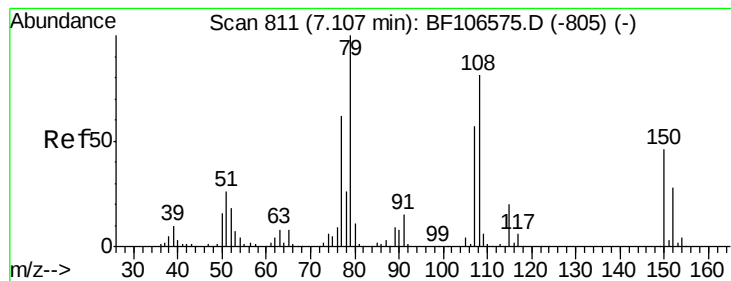
#14
 1,2-Dichlorobenzene
 Concen: 36.853 ng
 RT: 7.14 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF106772.D
 Acq: 25 Jun 2018 15:38

Tgt Ion:146 Resp: 192535
 Ion Ratio Lower Upper
 146 100
 148 64.8 50.6 75.8
 111 42.6 36.0 54.0



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





#15

Benzyl Alcohol

Concen: 35.104 ng

RT: 7.11 min Scan# 811

Delta R.T. -0.00 min

Lab File: BF106772.D

Acq: 25 Jun 2018 15:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

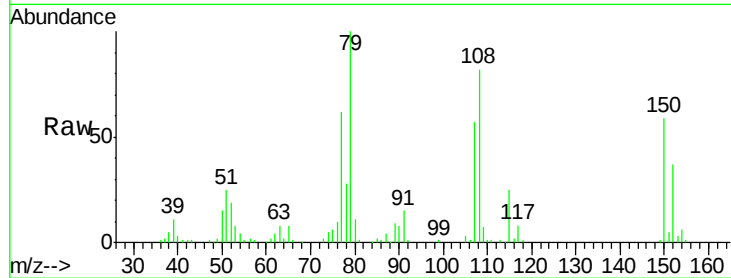
Tgt Ion: 79 Resp: 154506

Ion Ratio Lower Upper

79 100

108 81.6 65.1 97.7

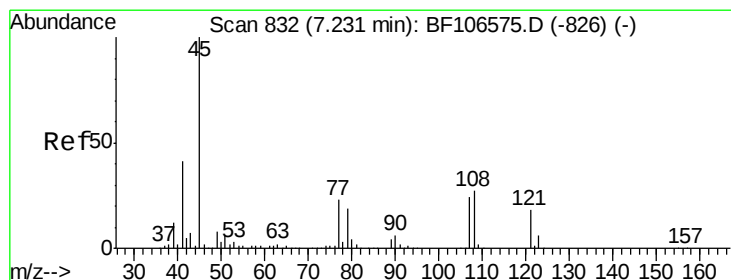
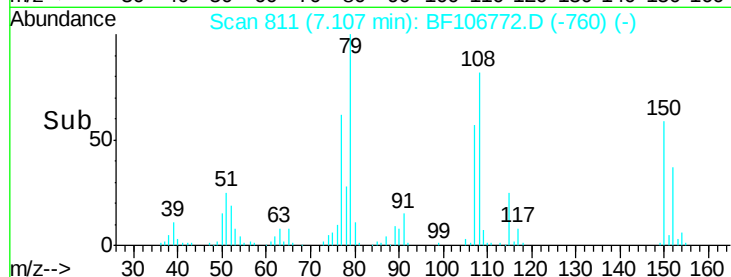
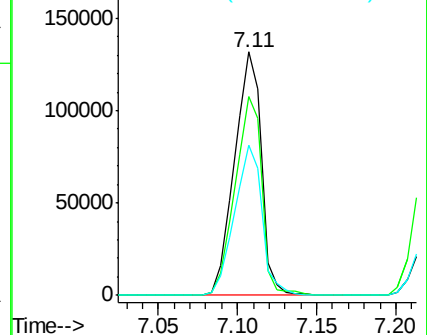
77 61.8 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 27.591 ng

RT: 7.23 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF106772.D

Acq: 25 Jun 2018 15:38

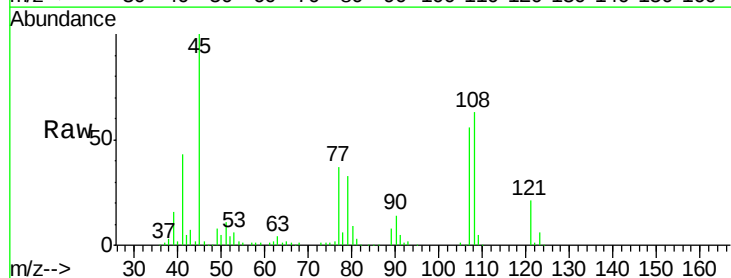
Tgt Ion: 45 Resp: 186949

Ion Ratio Lower Upper

45 100

77 36.9 0.0 32.9#

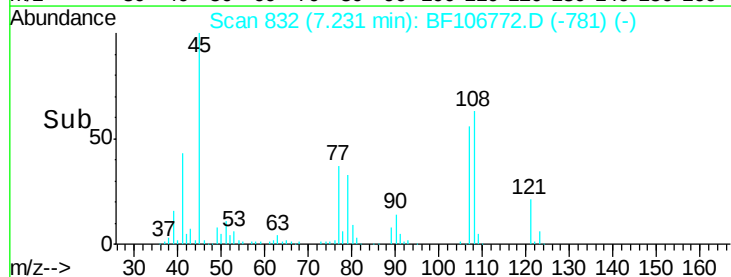
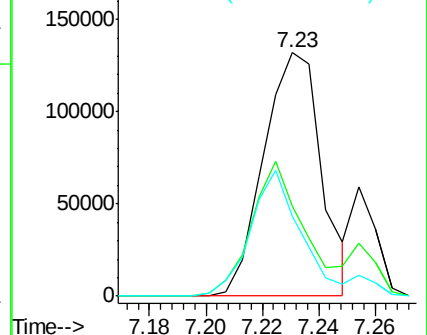
79 32.7 0.0 29.6#

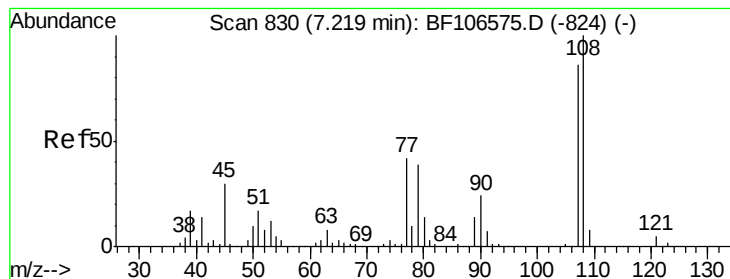


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 38.951 ng

RT: 7.22 min Scan# 831

Delta R.T. 0.01 min

Lab File: BF106772.D

Acq: 25 Jun 2018 15:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 160476

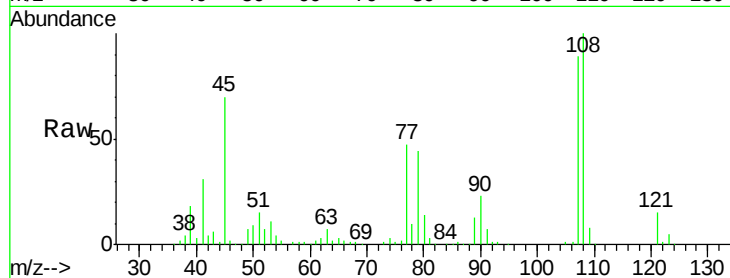
Ion Ratio Lower Upper

107 100

108 112.1 91.7 137.5

77 52.9 33.8 50.8#

79 49.3 33.8 50.8

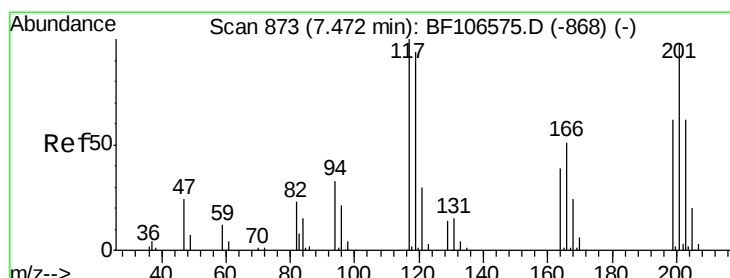
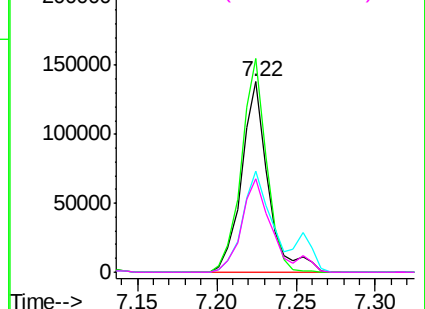
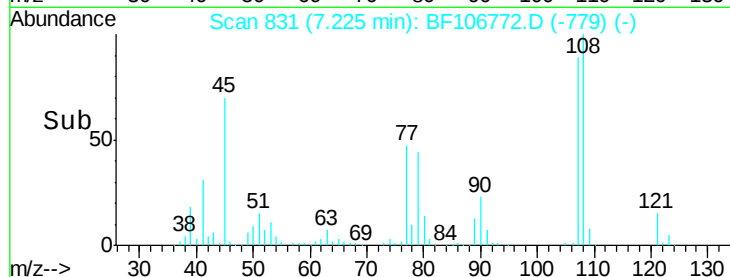


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 36.554 ng

RT: 7.47 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF106772.D

Acq: 25 Jun 2018 15:38

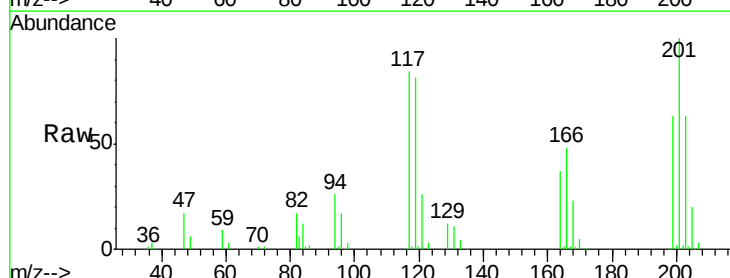
Tgt Ion:117 Resp: 73279

Ion Ratio Lower Upper

117 100

119 96.9 75.8 113.8

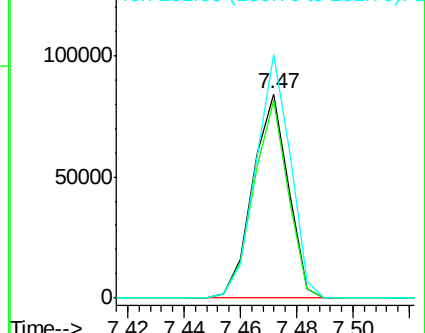
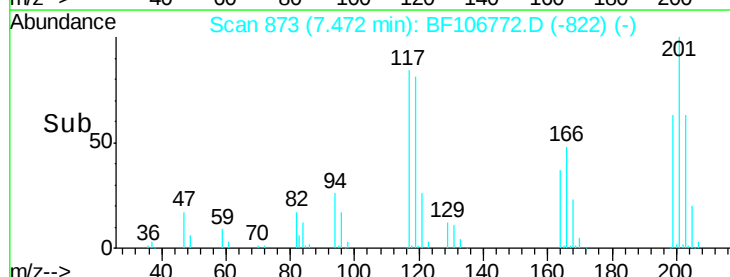
201 119.3 75.7 113.5#

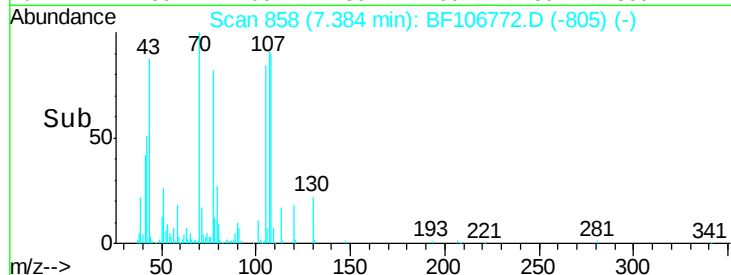
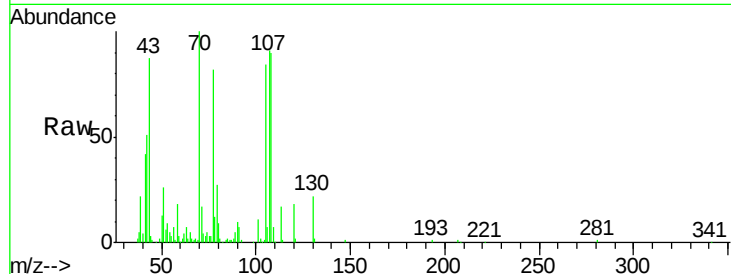
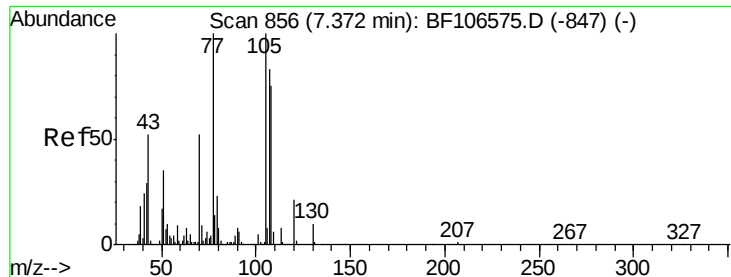


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

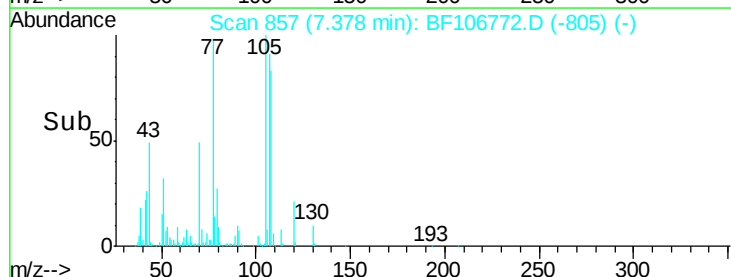
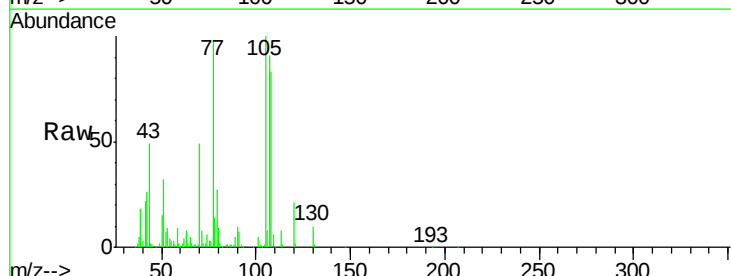
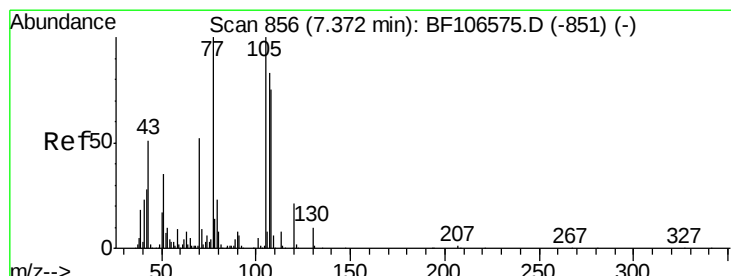
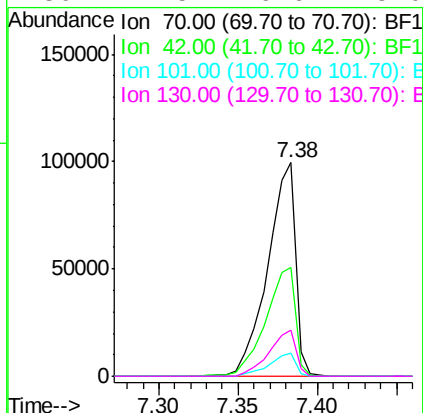




#19
n-Nitroso-di-n-propylamine
Concen: 33.949 ng
RT: 7.38 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF106772.D
Acq: 25 Jun 2018 15:38

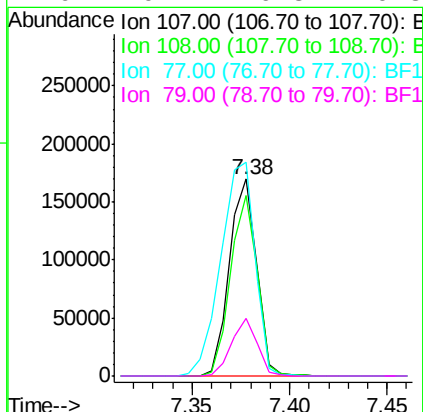
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

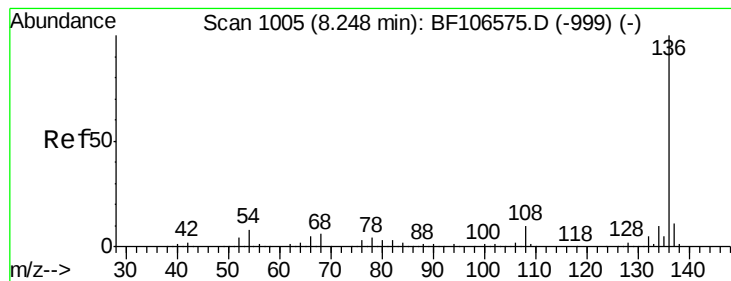
Tgt Ion:	70	Resp:	122663
Ion	Ratio	Lower	Upper
70	100		
42	51.2	47.5	71.3
101	10.7	7.4	11.2
130	21.5	16.6	25.0



#20
3+4-Methylphenols
Concen: 34.696 ng
RT: 7.38 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF106772.D
Acq: 25 Jun 2018 15:38

Tgt Ion:	107	Resp:	164468
Ion	Ratio	Lower	Upper
107	100		
108	91.4	68.2	108.2
77	108.4	26.7	66.7#
79	29.4	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF106772.D

Acq: 25 Jun 2018 15:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 299549

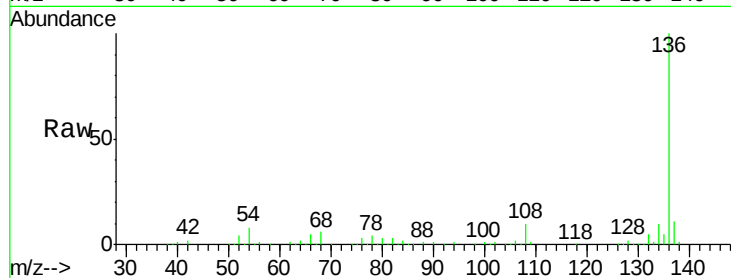
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.5 6.6 9.8

68 6.0 5.0 7.4

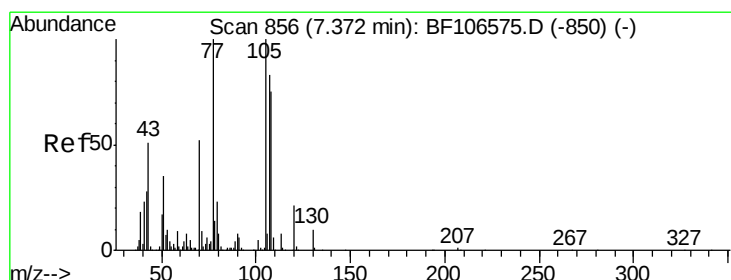
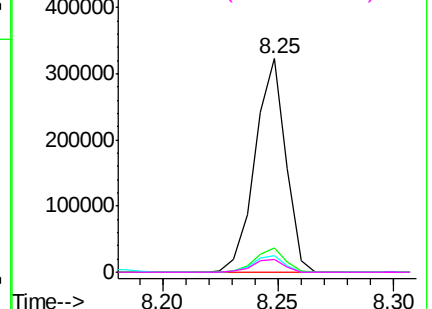
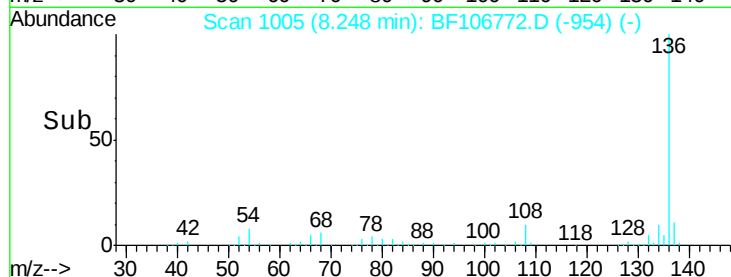


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 36.375 ng

RT: 7.37 min Scan# 856

Delta R.T. -0.00 min

Lab File: BF106772.D

Acq: 25 Jun 2018 15:38

Tgt Ion:105 Resp: 243773

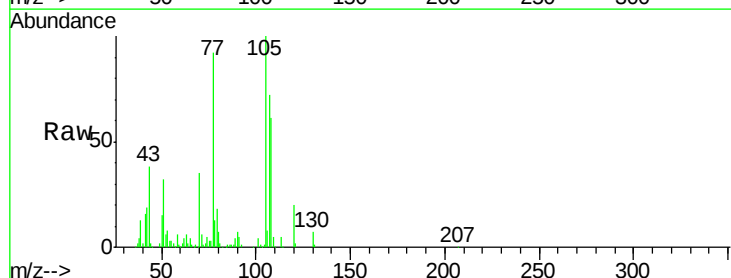
Ion Ratio Lower Upper

105 100

71 5.7 4.4 6.6

51 31.8 22.3 33.5

120 20.2 16.9 25.3

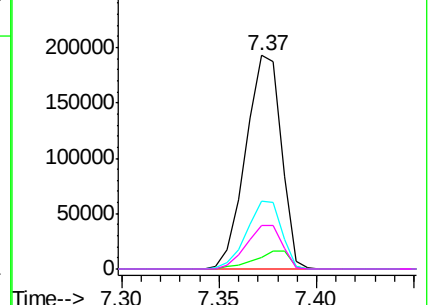
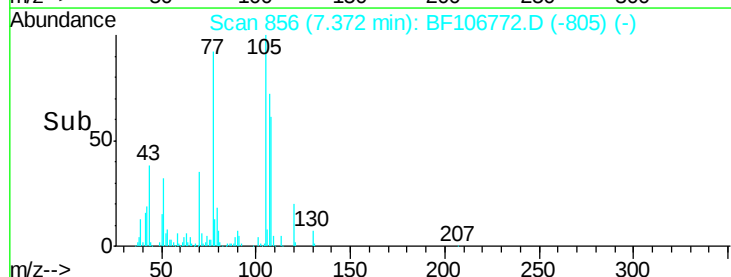


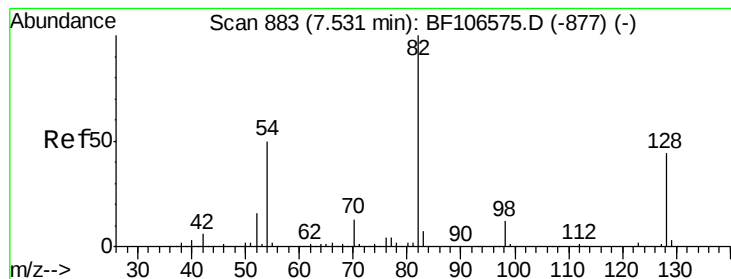
Abundance Ion 105.00 (104.70 to 105.70): E

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: 70.696 ng

RT: 7.54 min Scan# 884

Delta R.T. 0.01 min

Lab File: BF106772.D

Acq: 25 Jun 2018 15:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

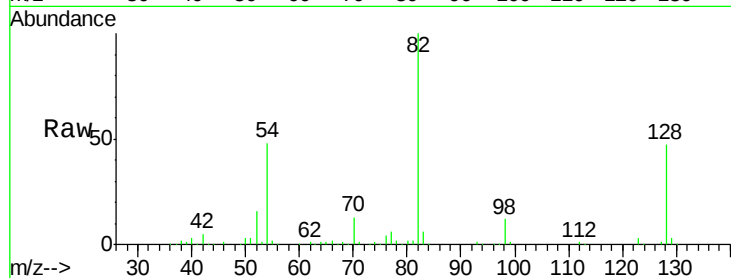
Tgt Ion: 82 Resp: 381063

Ion Ratio Lower Upper

82 100

128 47.1 36.1 54.1

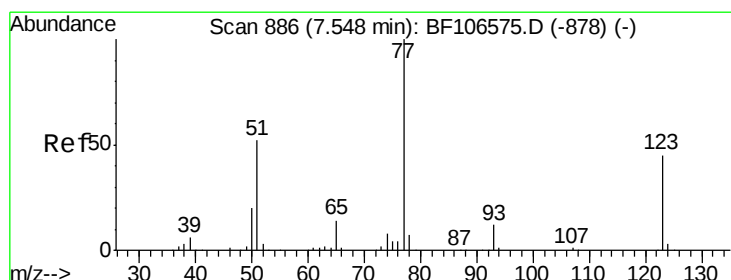
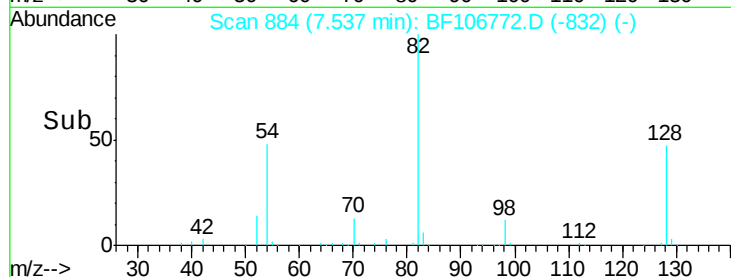
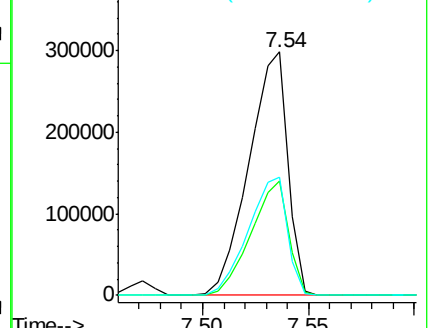
54 48.5 41.4 62.2



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: 34.509 ng

RT: 7.55 min Scan# 887

Delta R.T. 0.01 min

Lab File: BF106772.D

Acq: 25 Jun 2018 15:38

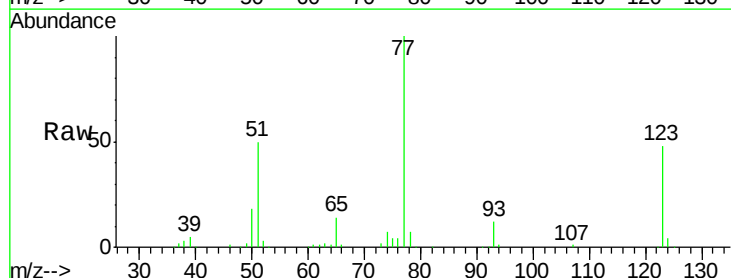
Tgt Ion: 77 Resp: 189908

Ion Ratio Lower Upper

77 100

123 48.2 37.9 56.9

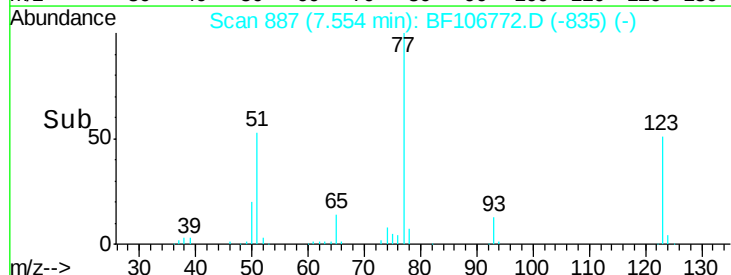
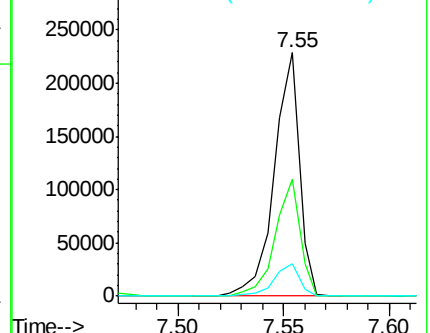
65 13.5 11.0 16.4

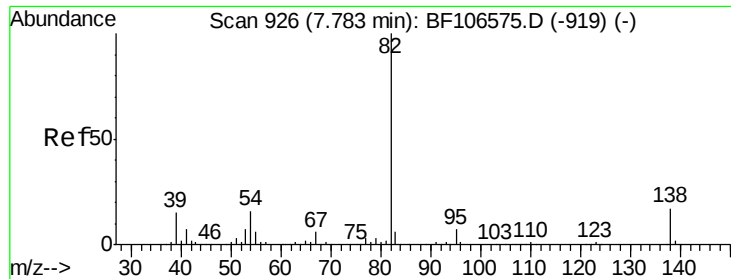


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 36.020 ng

RT: 7.79 min Scan# 927

Delta R.T. 0.01 min

Lab File: BF106772.D

Acq: 25 Jun 2018 15:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

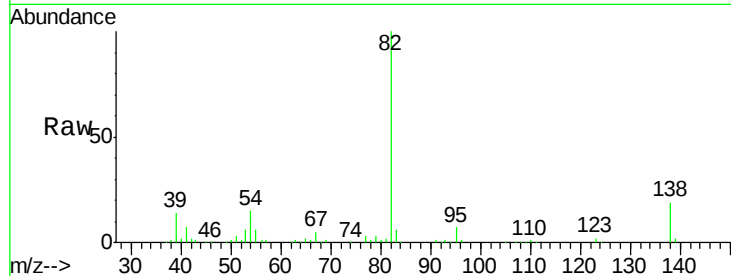
Tgt Ion: 82 Resp: 342122

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

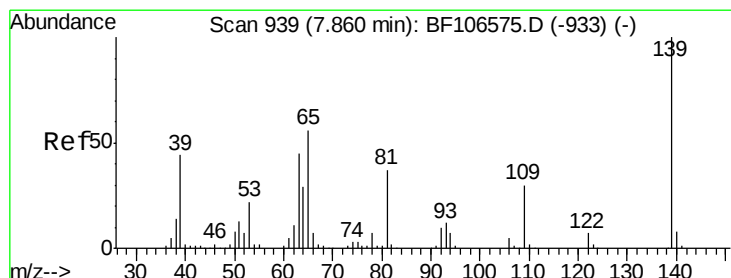
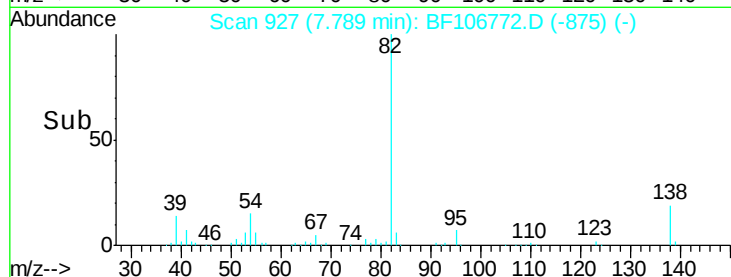
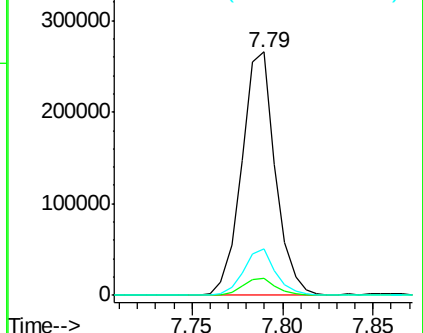
138 19.0 14.9 22.3



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: 39.292 ng

RT: 7.87 min Scan# 940

Delta R.T. 0.01 min

Lab File: BF106772.D

Acq: 25 Jun 2018 15:38

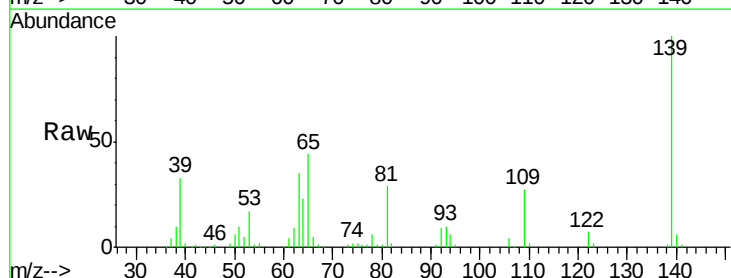
Tgt Ion: 139 Resp: 102075

Ion Ratio Lower Upper

139 100

109 27.1 22.7 34.1

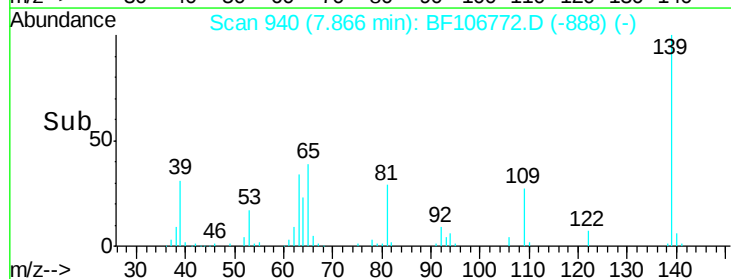
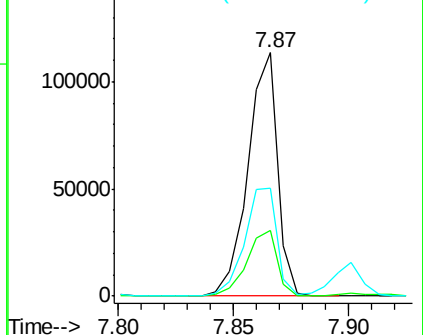
65 44.3 40.5 60.7

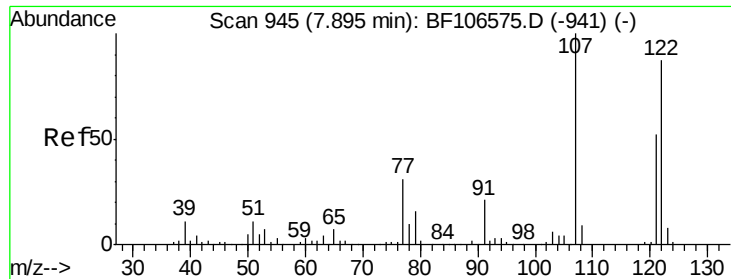


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

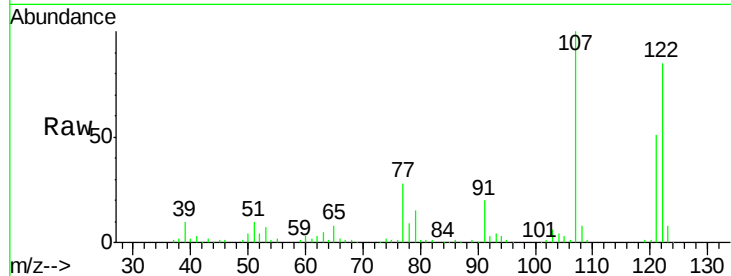




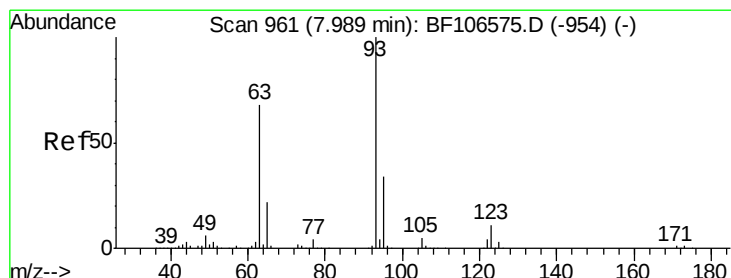
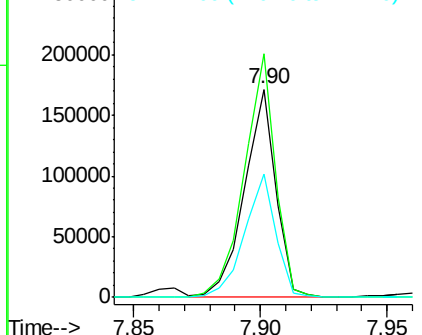
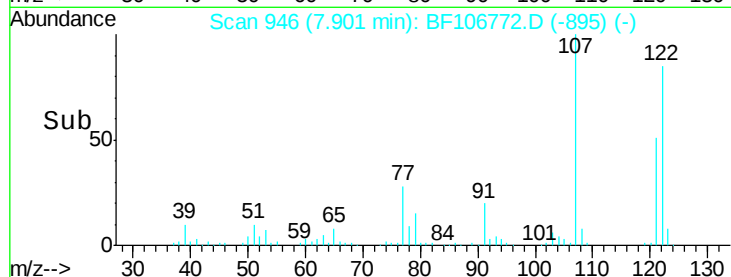
#27
 2,4-Dimethylphenol
 Concen: 36.396 ng
 RT: 7.90 min Scan# 946
 Delta R.T. -0.00 min
 Lab File: BF106772.D
 Acq: 25 Jun 2018 15:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 122 Resp: 146145
 Ion Ratio Lower Upper
 122 100
 107 117.0 91.2 136.8
 121 59.5 47.2 70.8

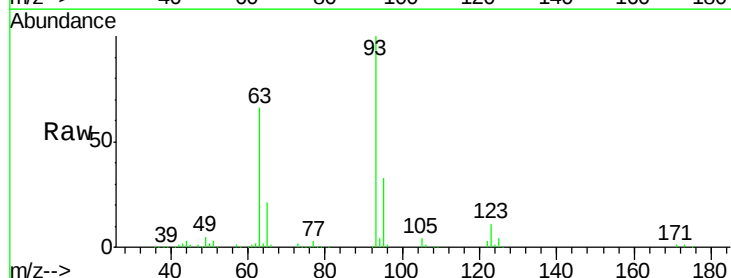


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

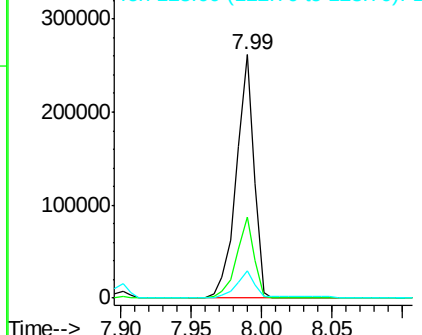
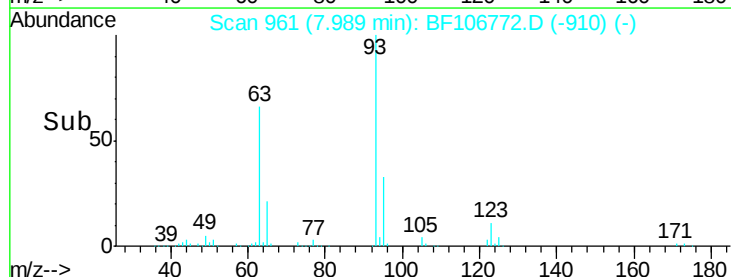


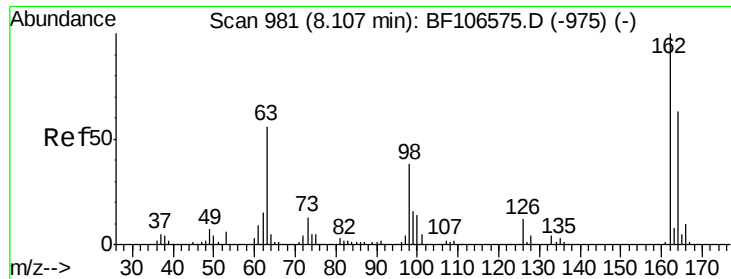
#28
 bis(2-Chloroethoxy)methane
 Concen: 35.763 ng
 RT: 7.99 min Scan# 961
 Delta R.T. 0.00 min
 Lab File: BF106772.D
 Acq: 25 Jun 2018 15:38

Tgt Ion: 93 Resp: 228074
 Ion Ratio Lower Upper
 93 100
 95 33.4 26.3 39.5
 123 11.0 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

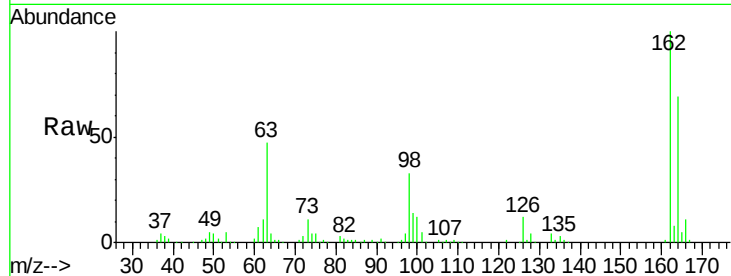




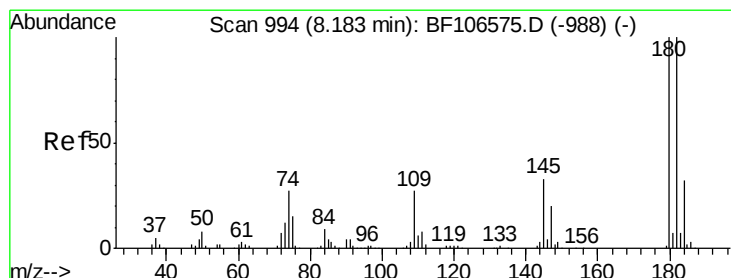
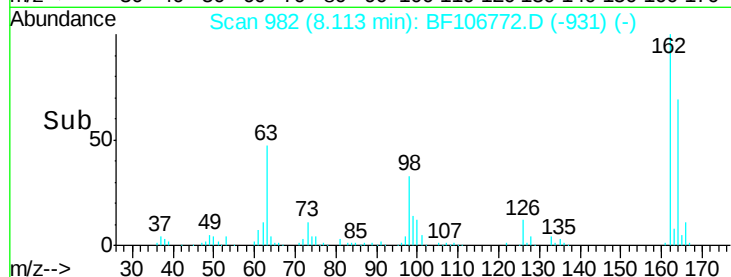
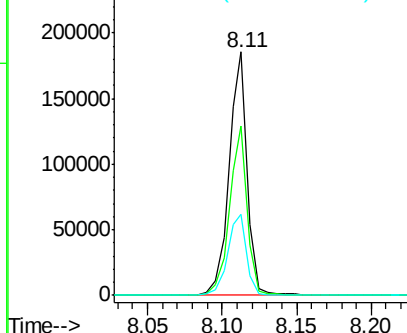
#29
2,4-Dichlorophenol
Concen: 38.013 ng
RT: 8.11 min Scan# 982
Delta R.T. -0.00 min
Lab File: BF106772.D
Acq: 25 Jun 2018 15:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
162	100		
164	69.4	42.7	82.7
98	33.4	18.1	58.1

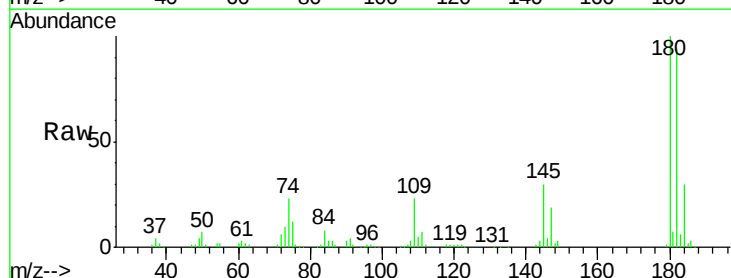


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

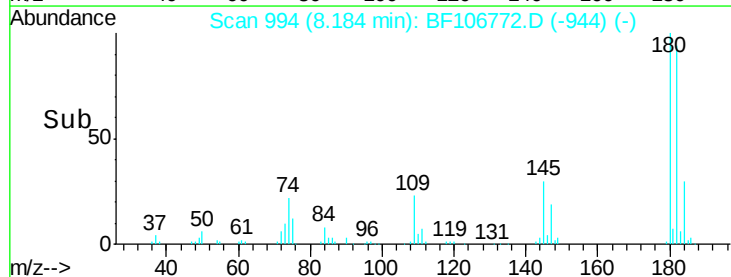
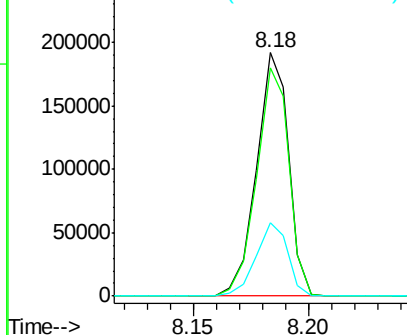


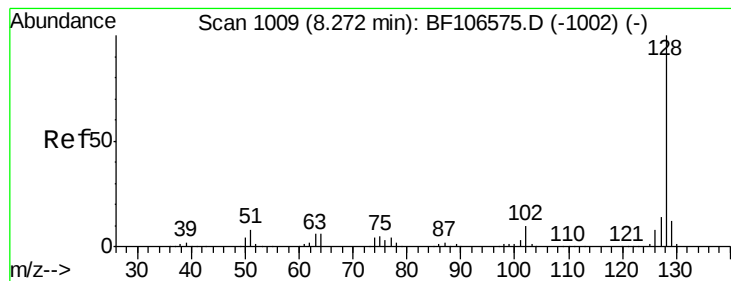
#30
1,2,4-Trichlorobenzene
Concen: 40.130 ng
RT: 8.18 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF106772.D
Acq: 25 Jun 2018 15:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	76.8	115.2
145	30.1	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 36.380 ng

RT: 8.27 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF106772.D

Acq: 25 Jun 2018 15:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

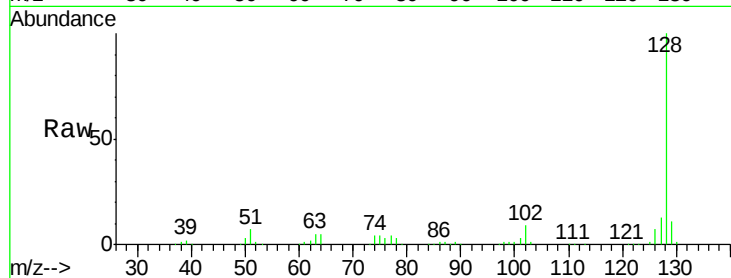
Tgt Ion:128 Resp: 509498

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

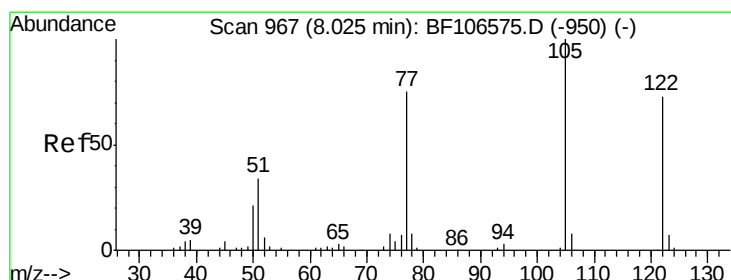
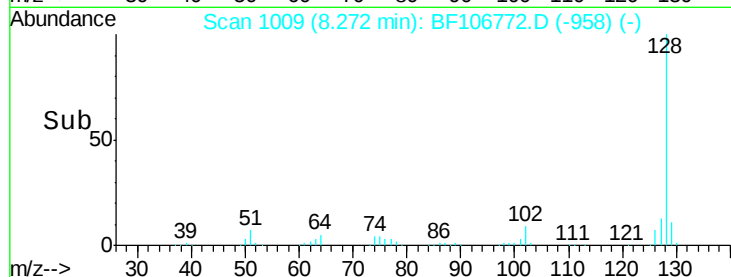
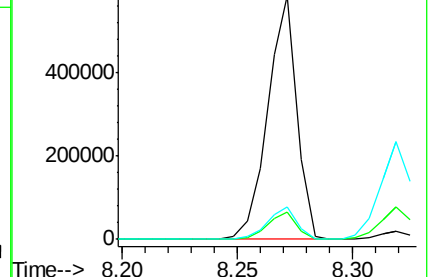
127 13.5 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 31.120 ng

RT: 8.04 min Scan# 970

Delta R.T. 0.02 min

Lab File: BF106772.D

Acq: 25 Jun 2018 15:38

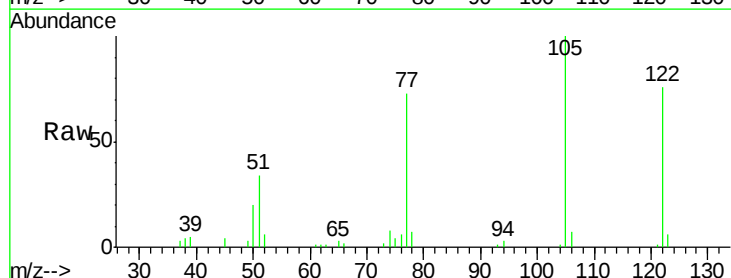
Tgt Ion:122 Resp: 84208

Ion Ratio Lower Upper

122 100

105 131.4 101.1 141.1

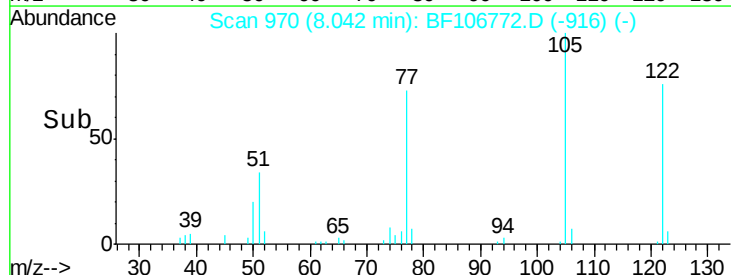
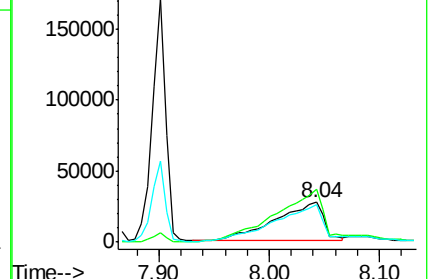
77 95.4 70.7 110.7

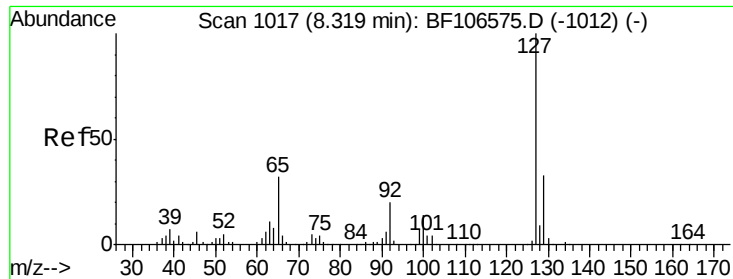


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

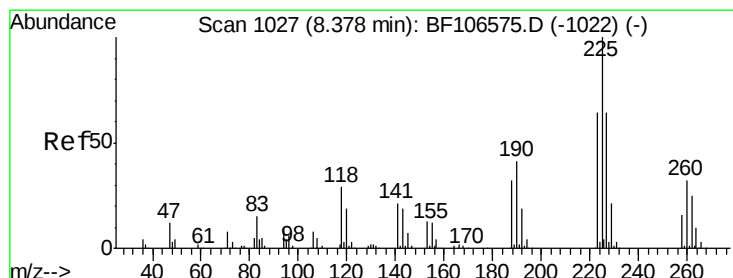
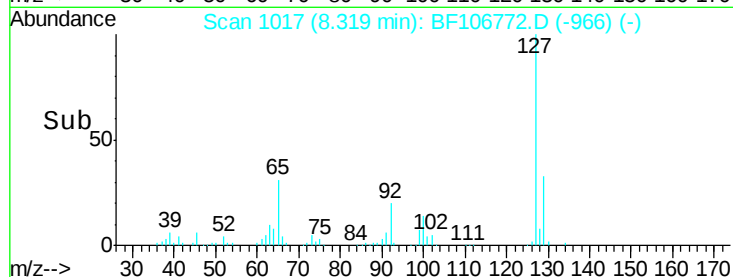
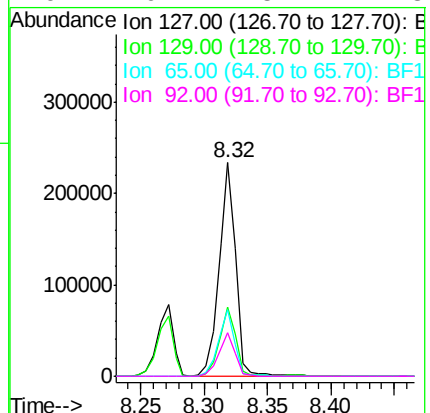
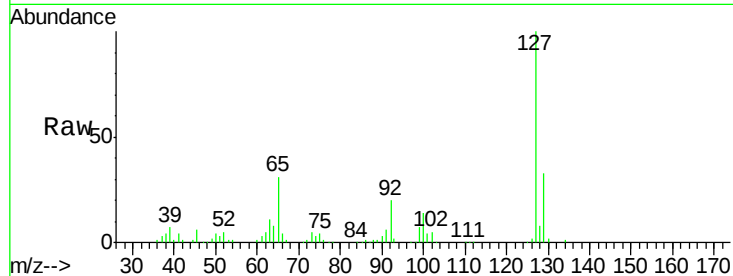




#33
4-Chloroaniline
Concen: 36.962 ng
RT: 8.32 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF106772.D
Acq: 25 Jun 2018 15:38

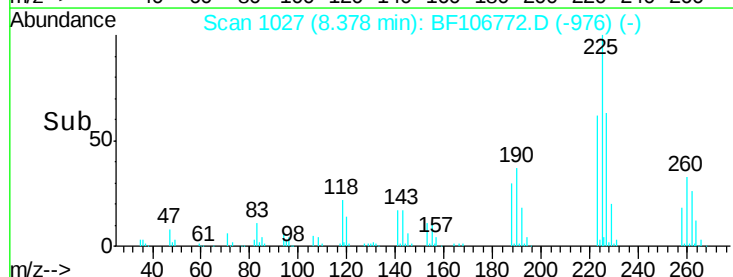
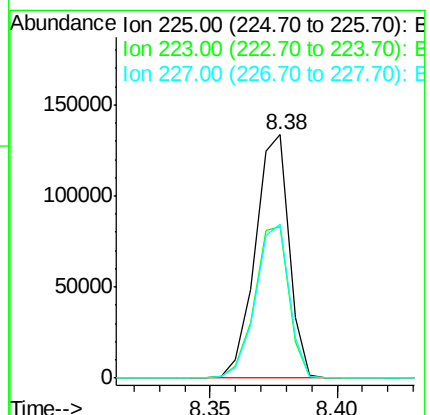
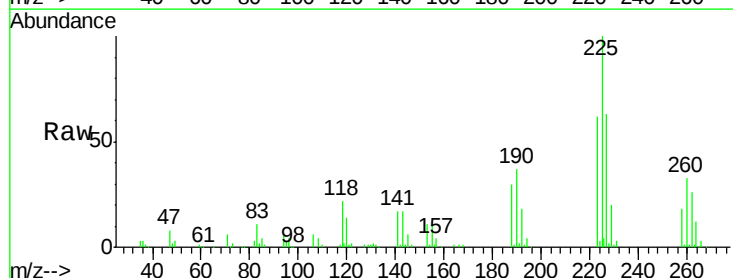
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

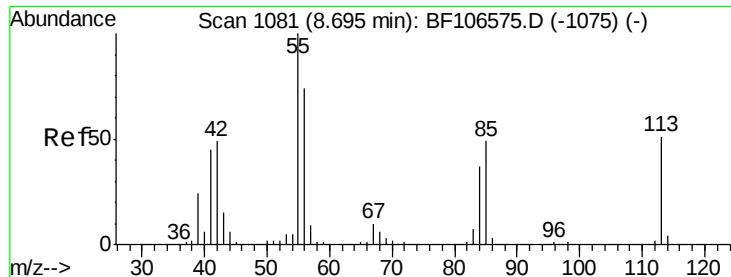
Tgt Ion:	127	Resp:	217202
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.9	38.9
65	31.5	25.0	37.4
92	20.2	15.2	22.8



#34
Hexachlorobutadiene
Concen: 41.310 ng
RT: 8.38 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF106772.D
Acq: 25 Jun 2018 15:38

Tgt Ion:	225	Resp:	124655
Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.6	76.0
227	63.2	51.9	77.9

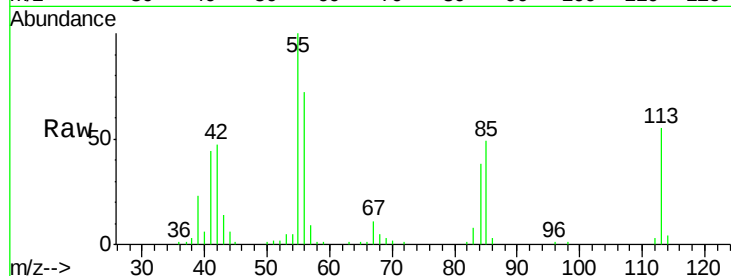




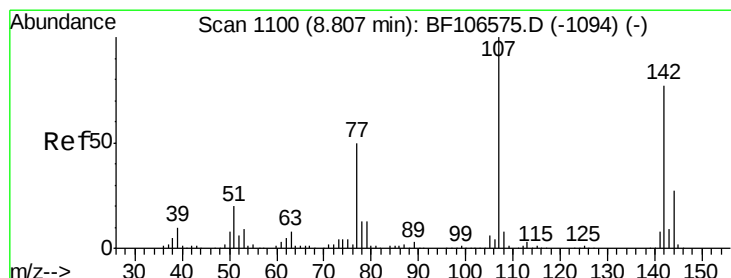
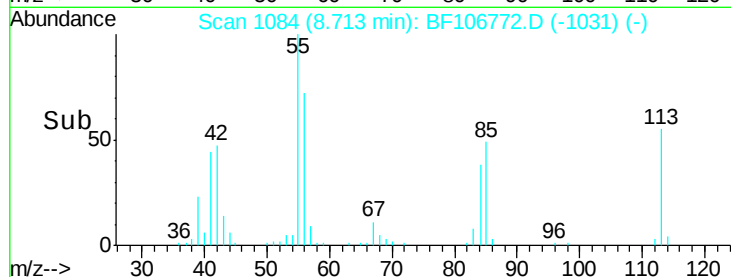
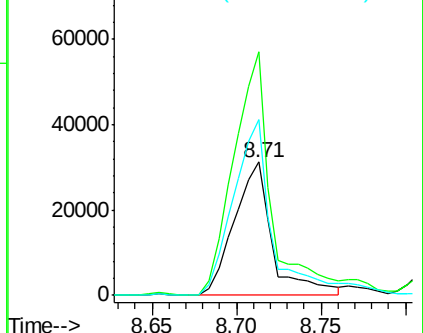
#35
 Caprolactam
 Concen: 36.043 ng
 RT: 8.71 min Scan# 1084
 Delta R.T. 0.01 min
 Lab File: BF106772.D
 Acq: 25 Jun 2018 15:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:113 Resp: 49391
 Ion Ratio Lower Upper
 113 100
 55 183.0 163.3 203.3
 56 131.8 115.7 155.7

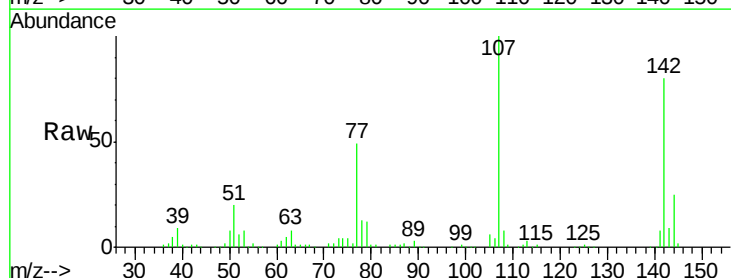


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

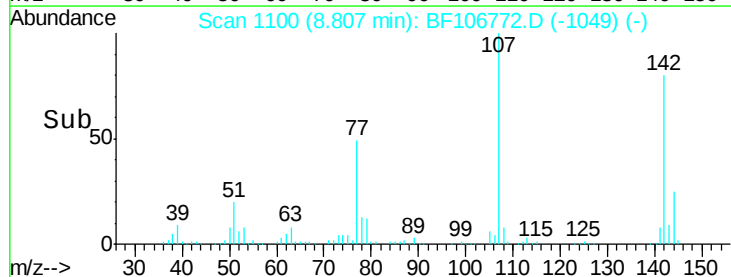
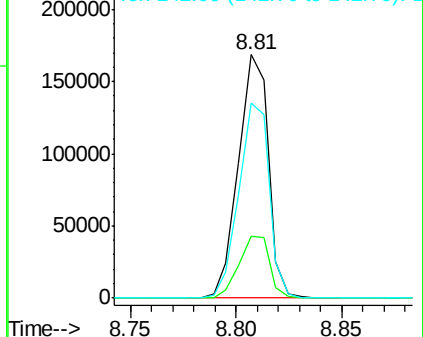


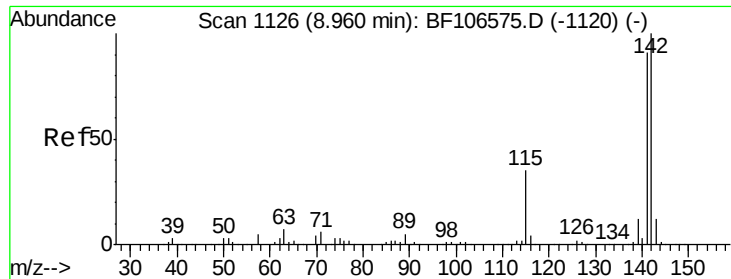
#36
 4-Chloro-3-methylphenol
 Concen: 37.539 ng
 RT: 8.81 min Scan# 1100
 Delta R.T. -0.00 min
 Lab File: BF106772.D
 Acq: 25 Jun 2018 15:38

Tgt Ion:107 Resp: 166104
 Ion Ratio Lower Upper
 107 100
 144 25.4 20.5 30.7
 142 80.2 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

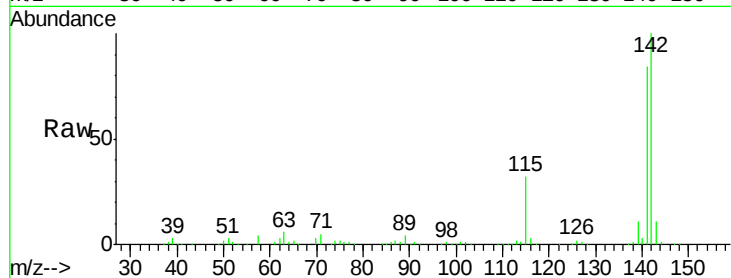




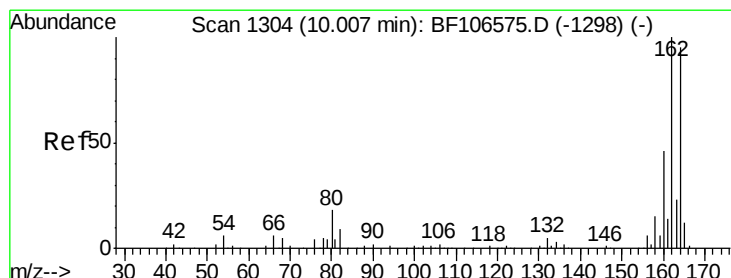
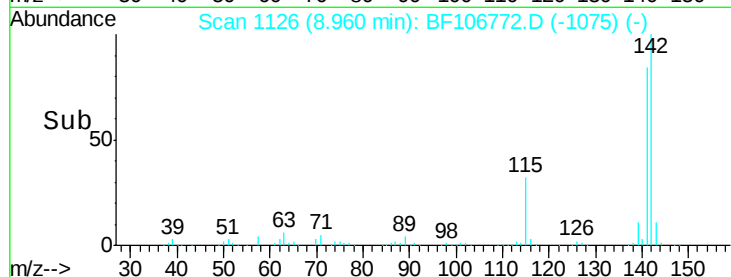
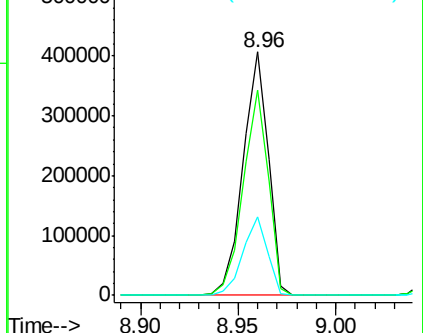
#37
2-Methylnaphthalene
Concen: 39.383 ng
RT: 8.96 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BF106772.D
Acq: 25 Jun 2018 15:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 365585
Ion Ratio Lower Upper
142 100
141 84.2 70.8 106.2
115 32.1 26.1 39.1

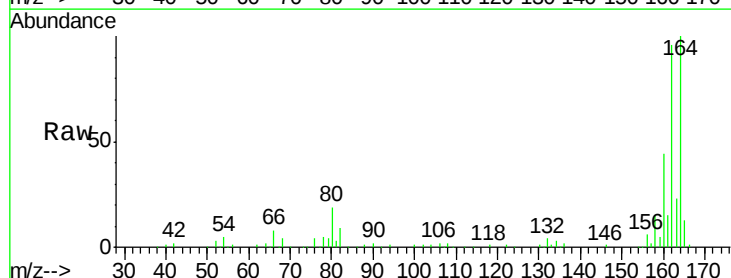


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

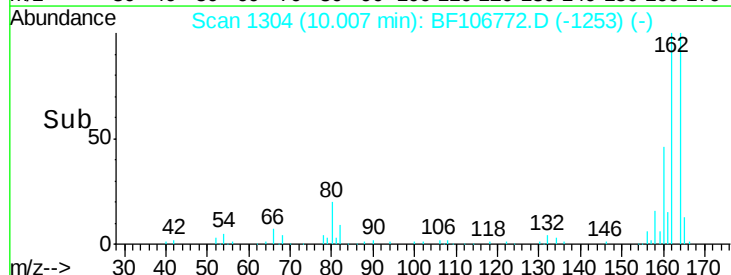
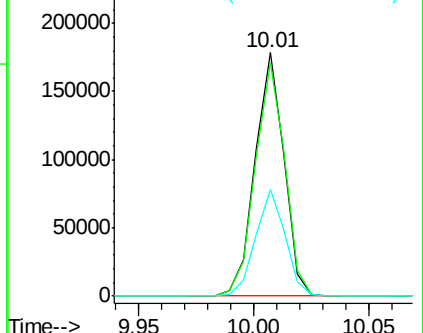


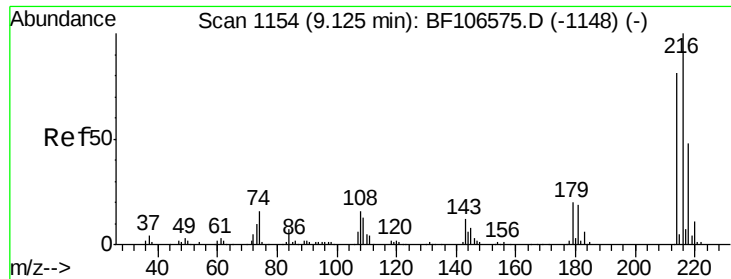
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF106772.D
Acq: 25 Jun 2018 15:38

Tgt Ion:164 Resp: 156103
Ion Ratio Lower Upper
164 100
162 95.9 86.1 129.1
160 43.8 38.3 57.5



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

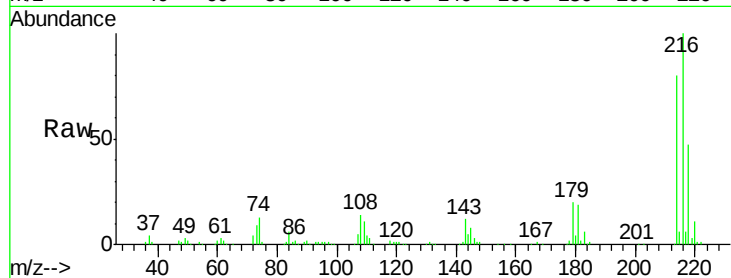




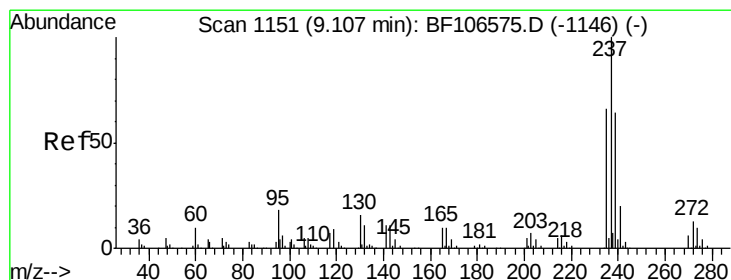
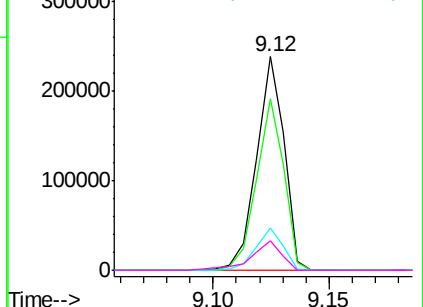
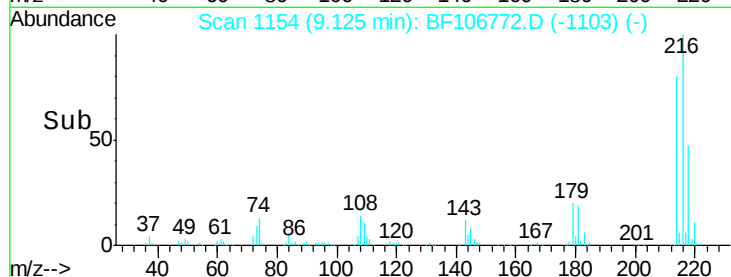
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.830 ng
 RT: 9.12 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: BF106772.D
 Acq: 25 Jun 2018 15:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	216	Resp:	198877
Ion Ratio	Lower	Upper	
216	100		
214	79.5	63.0	94.4
179	19.3	18.1	27.1
108	15.2	17.2	25.8#

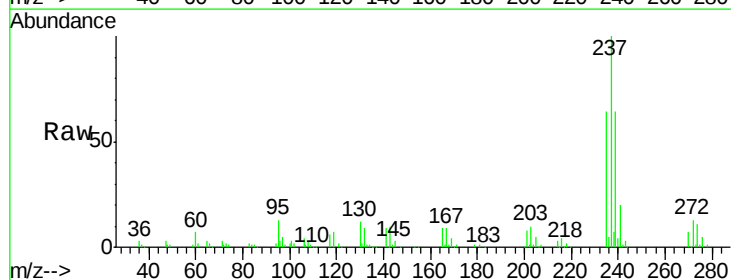


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

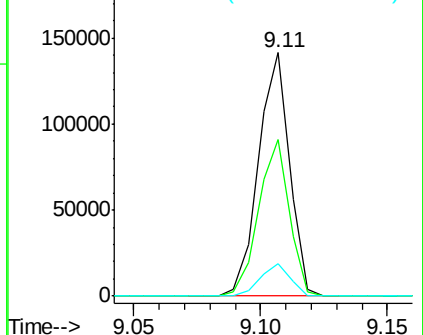
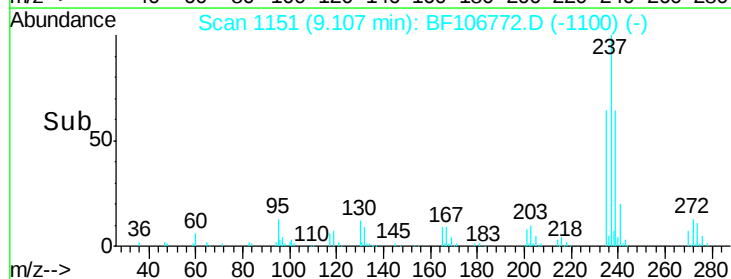


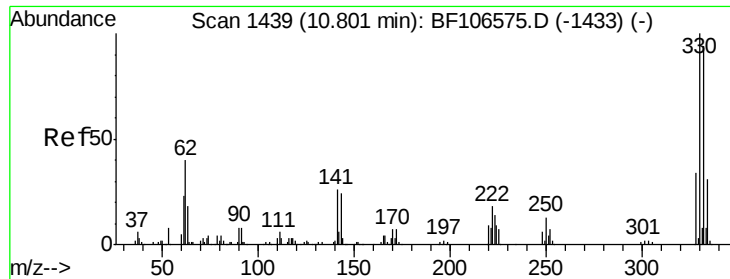
#40
 Hexachlorocyclopentadiene
 Concen: 44.670 ng
 RT: 9.11 min Scan# 1151
 Delta R.T. -0.00 min
 Lab File: BF106772.D
 Acq: 25 Jun 2018 15:38

Tgt Ion:	237	Resp:	120822
Ion Ratio	Lower	Upper	
237	100		
235	64.1	44.8	84.8
272	13.2	0.0	33.3



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

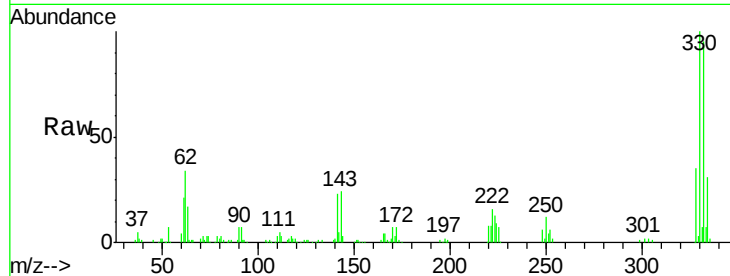




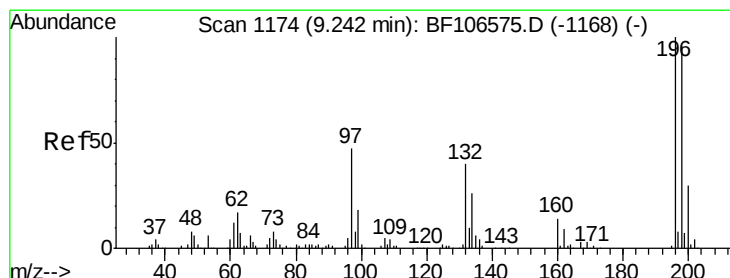
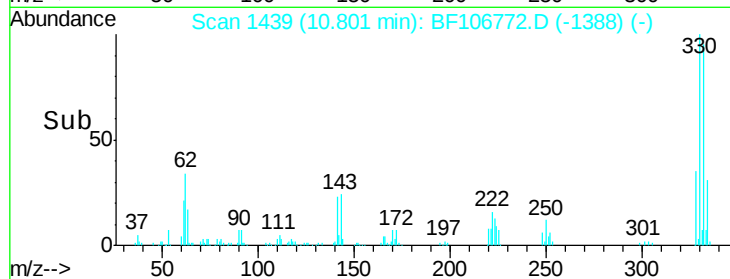
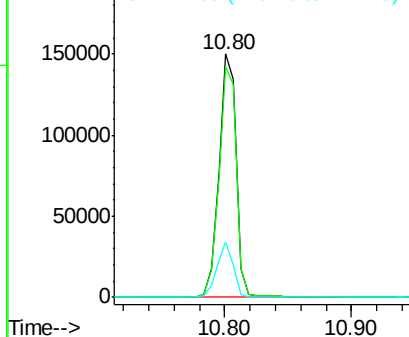
#41
 2,4,6-Tribromophenol
 Concen: 79.765 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF106772.D
 Acq: 25 Jun 2018 15:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	21.7	29.9	44.9

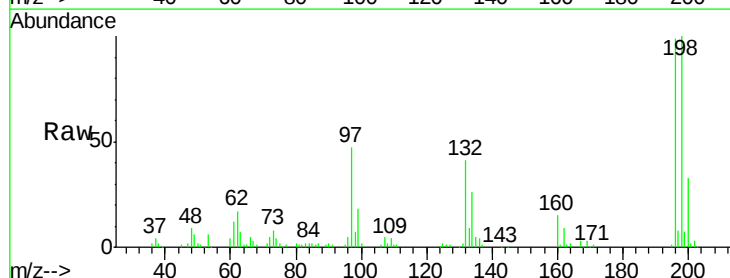


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

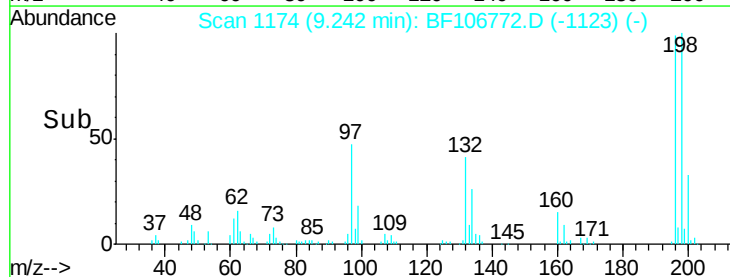
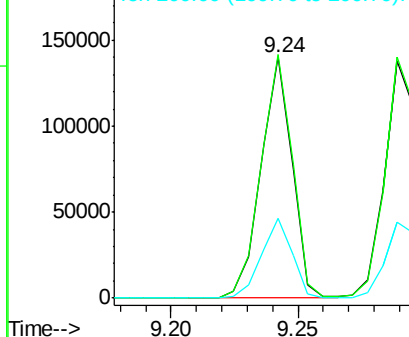


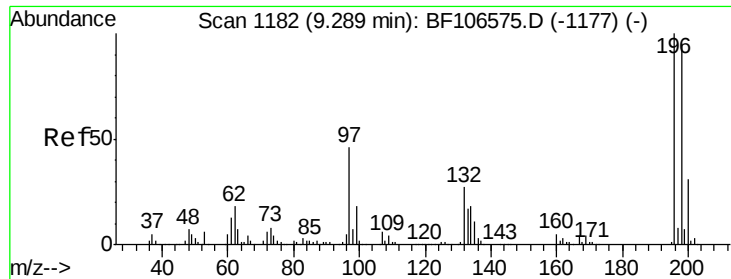
#42
 2,4,6-Trichlorophenol
 Concen: 34.674 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: BF106772.D
 Acq: 25 Jun 2018 15:38

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.2	75.7	113.5
200	33.1	24.5	36.7



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

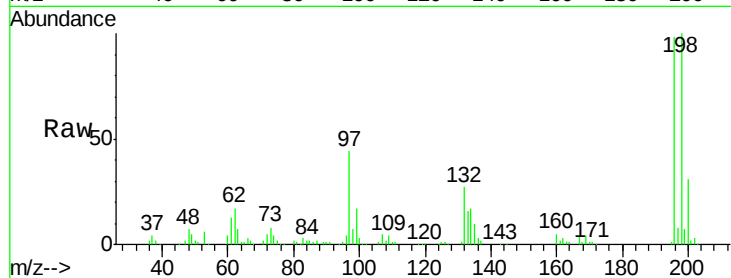




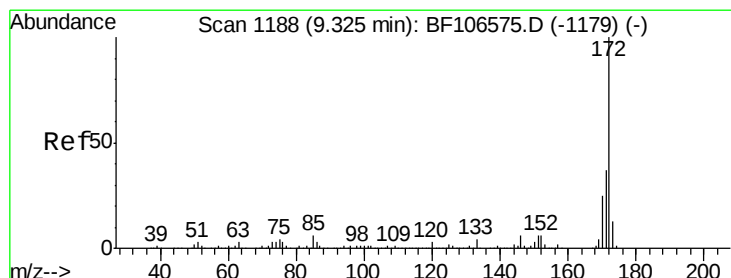
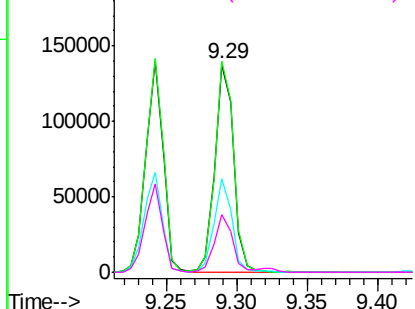
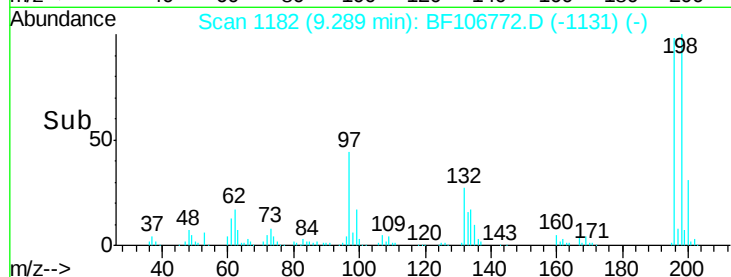
#43
 2,4,5-Trichlorophenol
 Concen: 34.885 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF106772.D
 Acq: 25 Jun 2018 15:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
196	100		
198	102.0	74.6	112.0
97	45.2	42.9	64.3
132	27.6	26.3	39.5

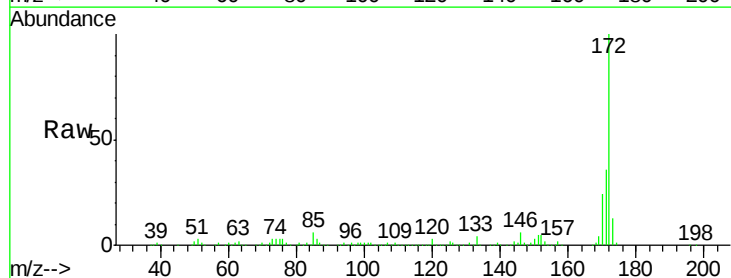


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

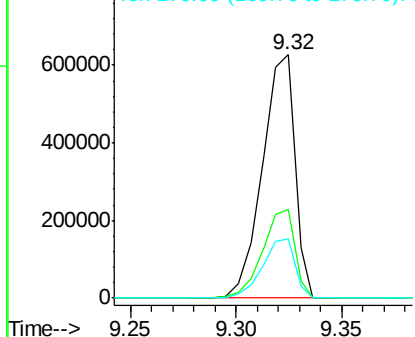
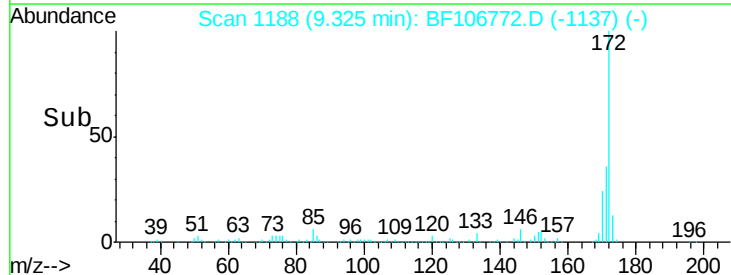


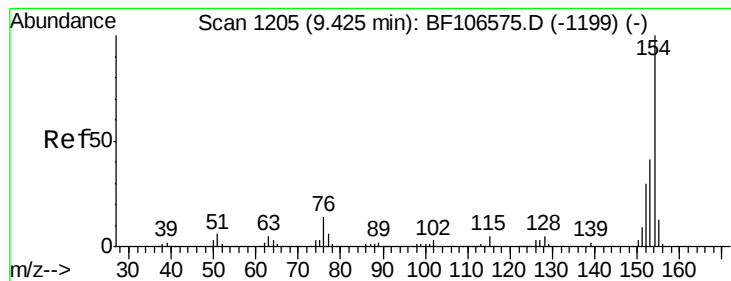
#44
 2-Fluorobiphenyl
 Concen: 70.519 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF106772.D
 Acq: 25 Jun 2018 15:38

Tgt 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: 36.728 ng

RT: 9.42 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF106772.D

Acq: 25 Jun 2018 15:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

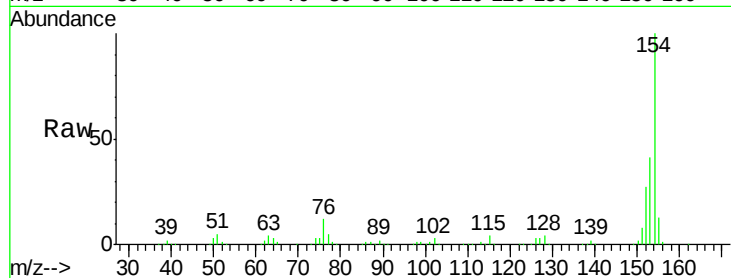
Tgt Ion:154 Resp: 456914

Ion Ratio Lower Upper

154 100

153 40.9 21.3 61.3

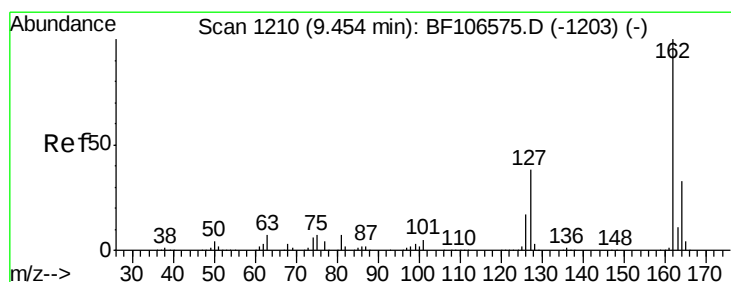
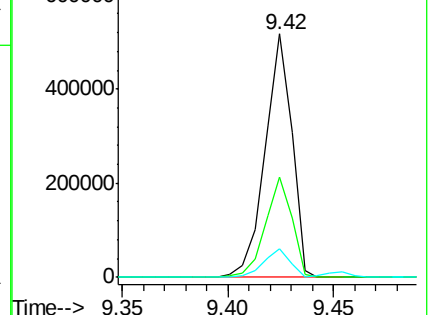
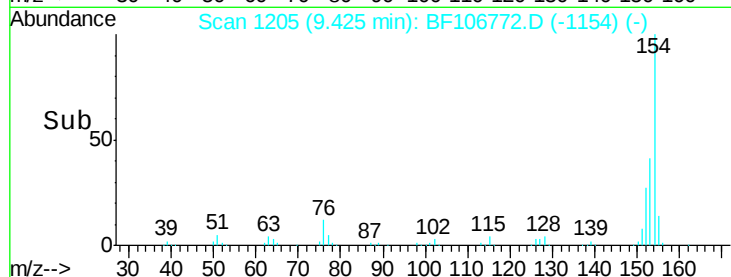
76 11.8 0.0 34.0



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: 34.127 ng

RT: 9.45 min Scan# 1210

Delta R.T. -0.00 min

Lab File: BF106772.D

Acq: 25 Jun 2018 15:38

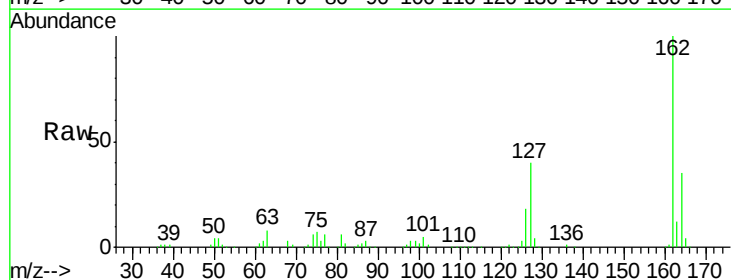
Tgt Ion:162 Resp: 334188

Ion Ratio Lower Upper

162 100

127 39.5 33.9 50.9

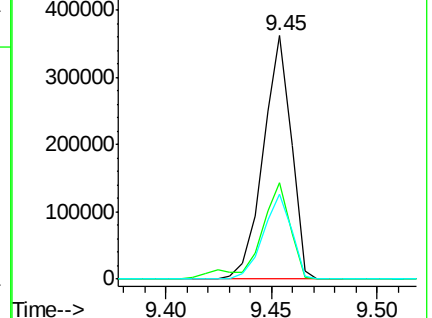
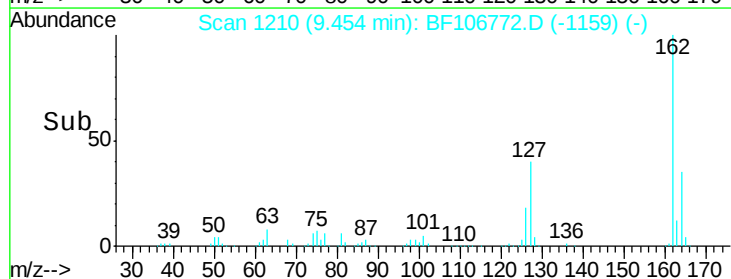
164 35.0 26.5 39.7

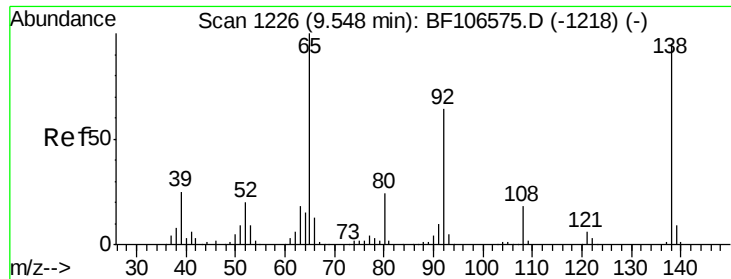


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

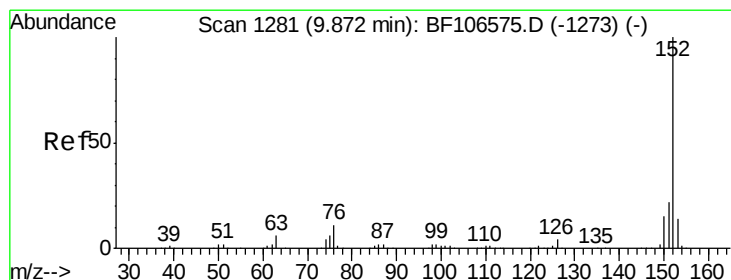
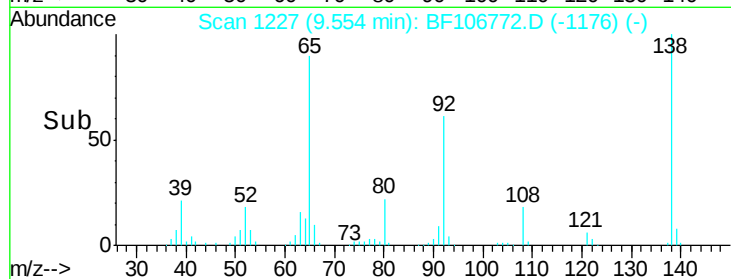
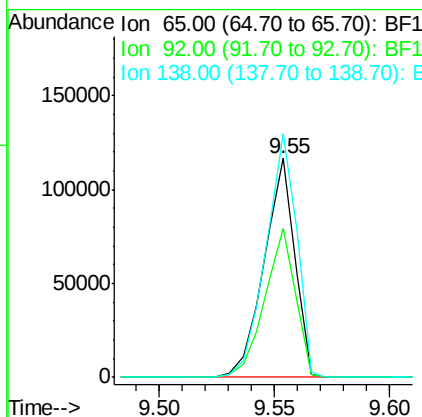
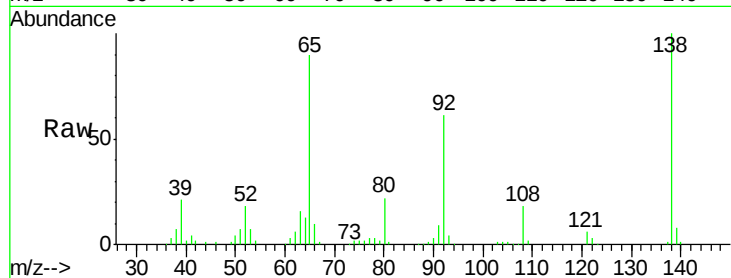




#47
2-Nitroaniline
Concen: 32.610 ng
RT: 9.55 min Scan# 1227
Delta R.T. -0.00 min
Lab File: BF106772.D
Acq: 25 Jun 2018 15:38

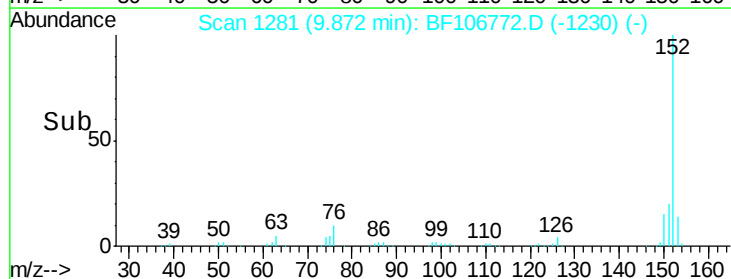
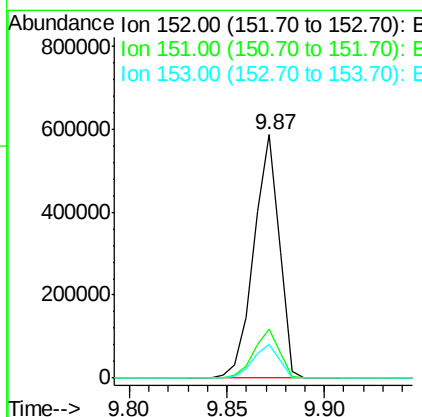
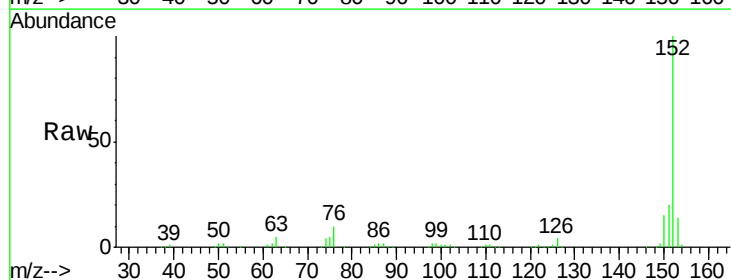
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

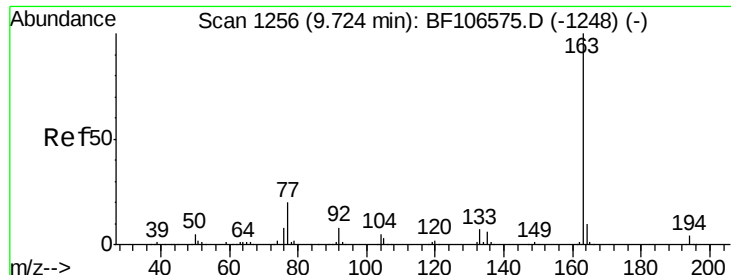
Tgt Ion: 65 Resp: 107382
Ion Ratio Lower Upper
65 100
92 68.0 55.8 83.6
138 111.2 91.2 136.8



#48
Acenaphthylene
Concen: 34.079 ng
RT: 9.87 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BF106772.D
Acq: 25 Jun 2018 15:38

Tgt Ion: 152 Resp: 526874
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 14.0 10.7 16.1

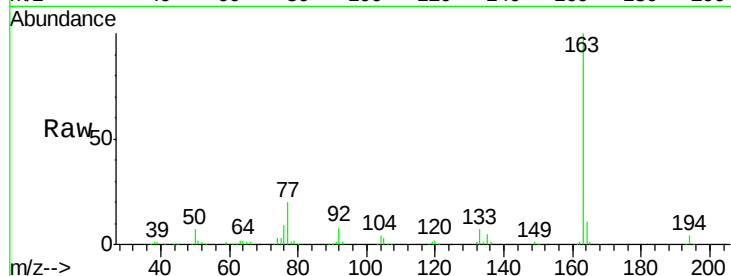




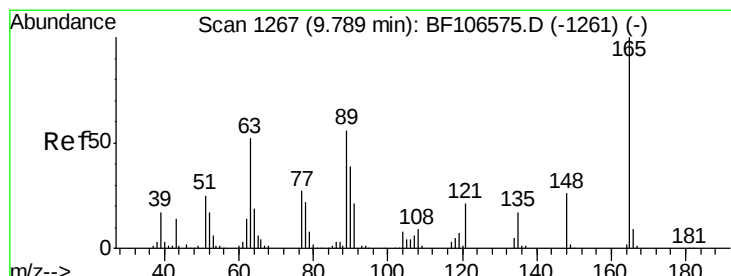
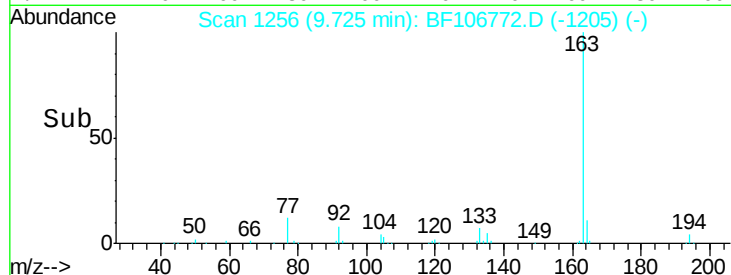
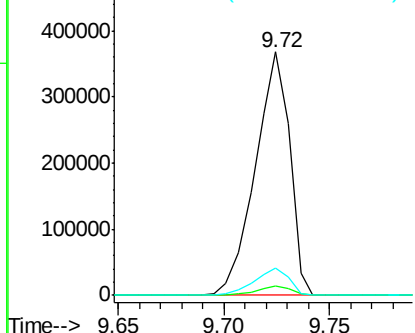
#49
Dimethylphthalate
Concen: 35.533 ng
RT: 9.72 min Scan# 1256
Delta R.T. 0.00 min
Lab File: BF106772.D
Acq: 25 Jun 2018 15:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:163 Resp: 416017
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 11.1 8.2 12.2

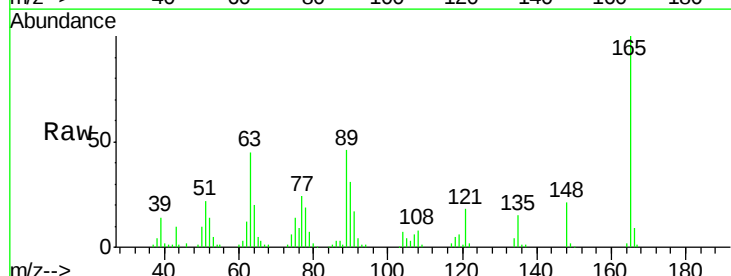


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

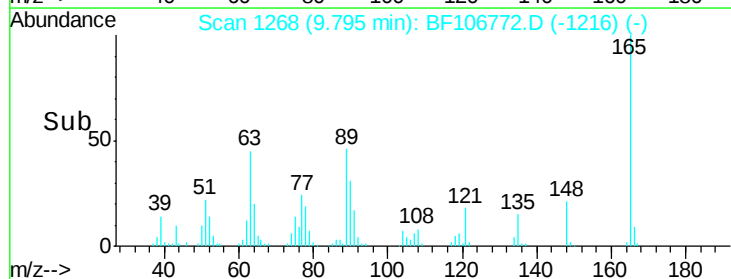
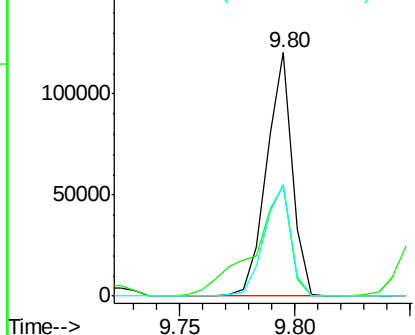


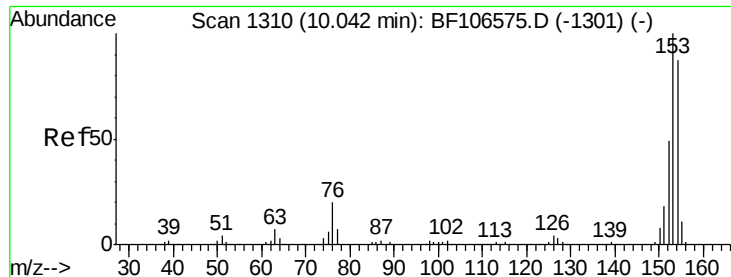
#50
2,6-Dinitrotoluene
Concen: 37.560 ng
RT: 9.80 min Scan# 1268
Delta R.T. 0.01 min
Lab File: BF106772.D
Acq: 25 Jun 2018 15:38

Tgt Ion:165 Resp: 93118
Ion Ratio Lower Upper
165 100
63 45.2 44.7 67.1
89 45.8 44.0 66.0



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





#51

Acenaphthene

Concen: 34.138 ng

RT: 10.04 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BF106772.D

Acq: 25 Jun 2018 15:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

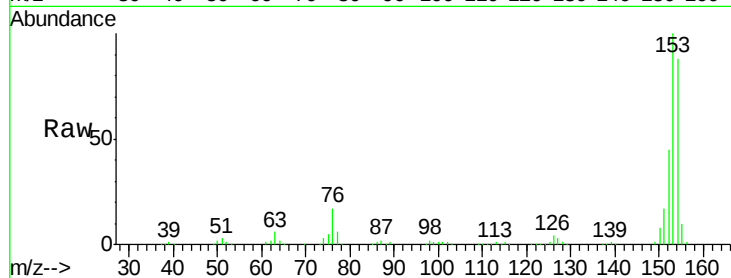
Tgt Ion:154 Resp: 332358

Ion Ratio Lower Upper

154 100

153 114.0 91.2 136.8

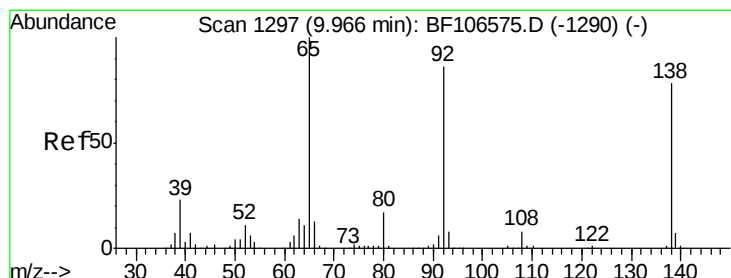
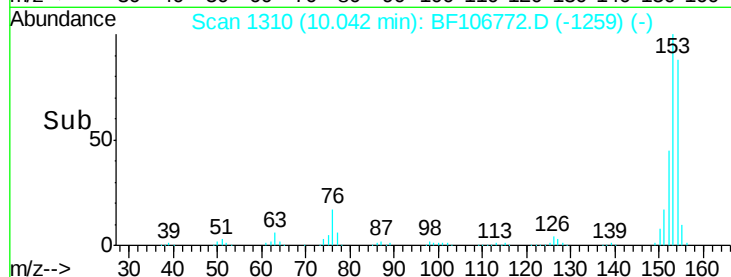
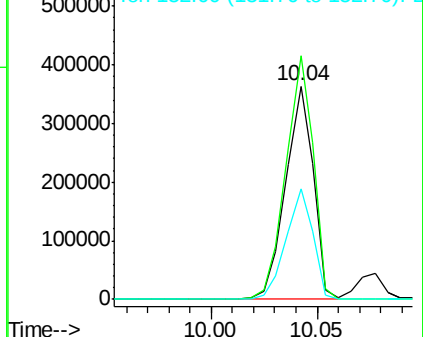
152 51.7 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 35.794 ng

RT: 9.97 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BF106772.D

Acq: 25 Jun 2018 15:38

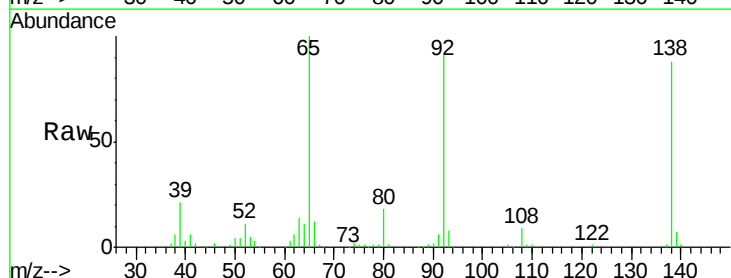
Tgt Ion:138 Resp: 102115

Ion Ratio Lower Upper

138 100

108 9.9 9.4 14.0

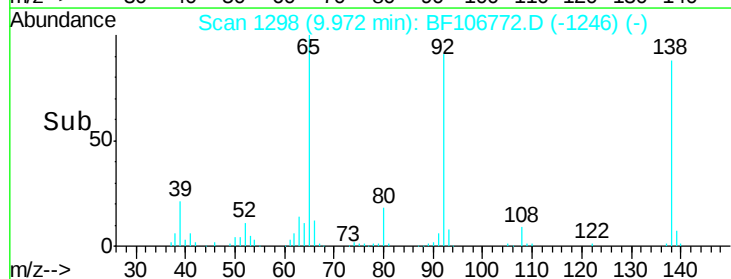
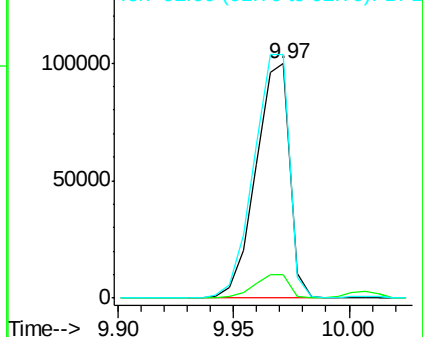
92 103.8 89.4 134.2

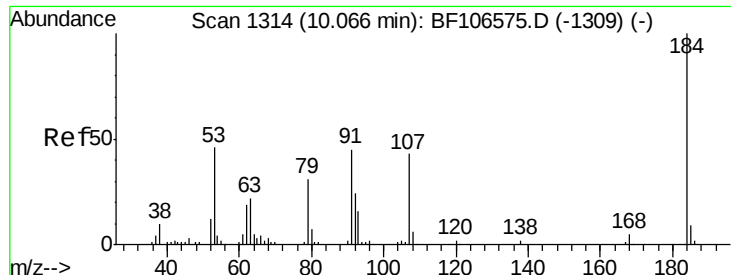


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

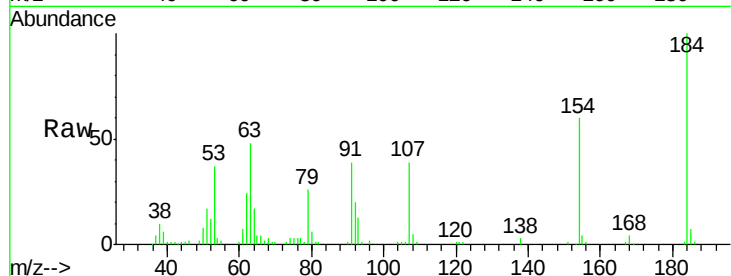




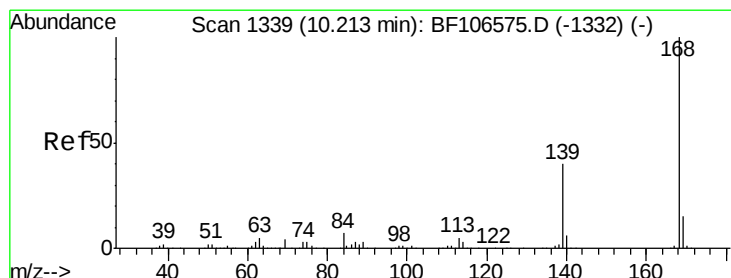
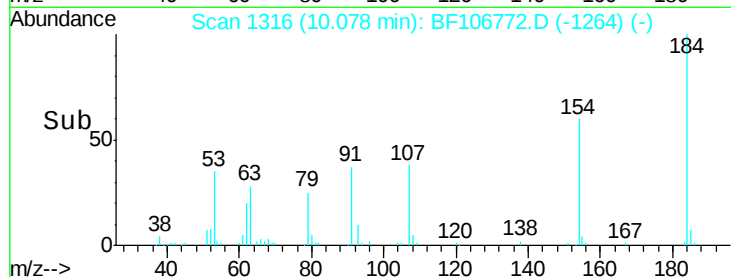
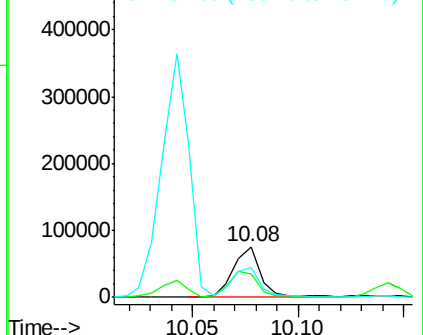
#53
2,4-Dinitrophenol
Concen: 55.224 ng
RT: 10.08 min Scan# 1316
Delta R.T. 0.01 min
Lab File: BF106772.D
Acq: 25 Jun 2018 15:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 68894
Ion Ratio Lower Upper
184 100
63 47.7 54.2 81.2#
154 59.7 184.0 276.0#

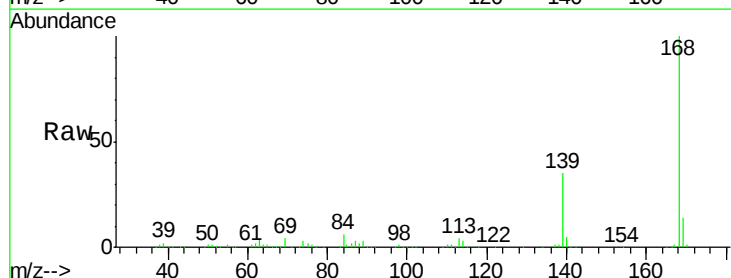


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

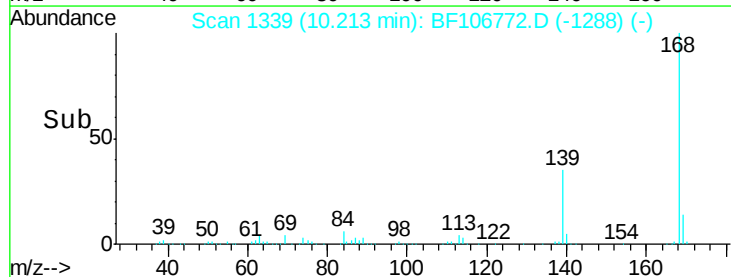
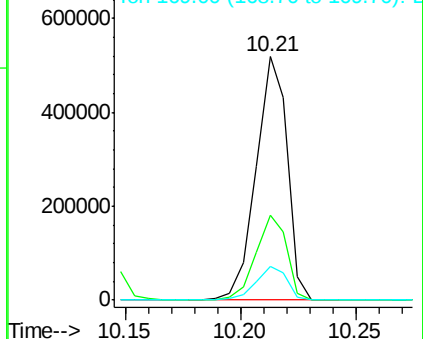


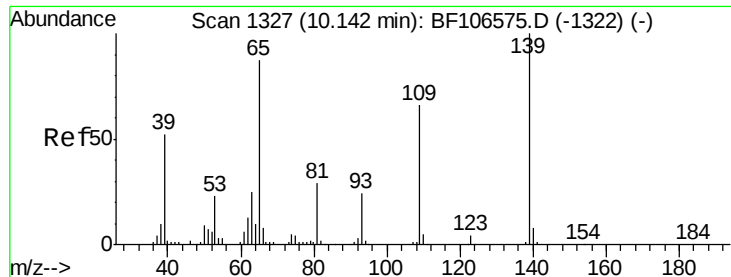
#54
Dibenzofuran
Concen: 36.641 ng
RT: 10.21 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF106772.D
Acq: 25 Jun 2018 15:38

Tgt Ion:168 Resp: 488465
Ion Ratio Lower Upper
168 100
139 35.0 30.1 45.1
169 13.7 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

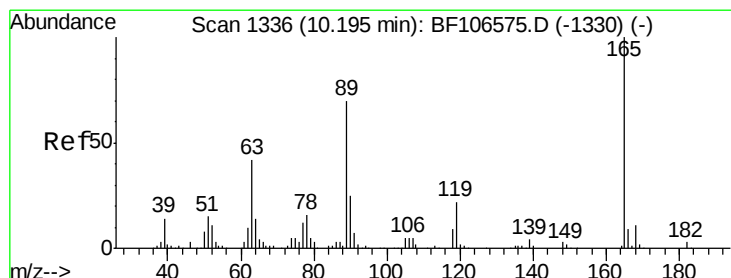
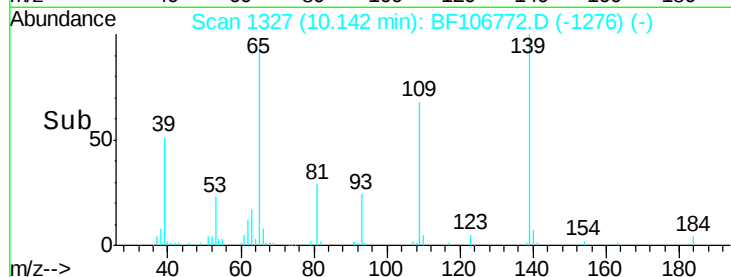
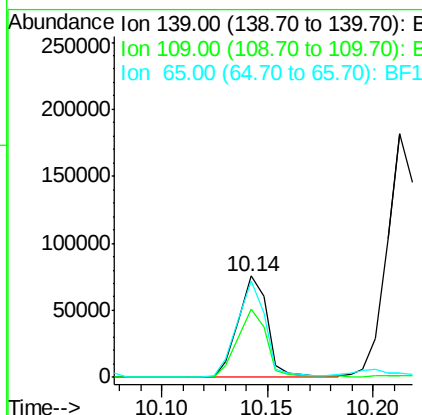
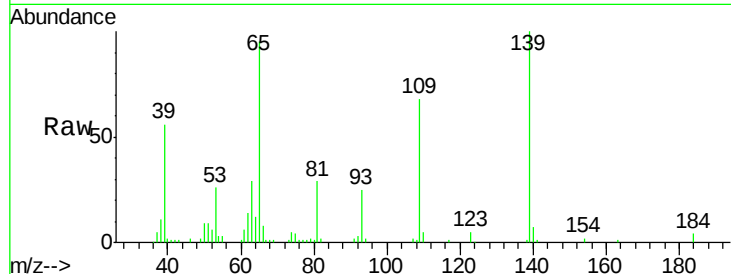




#55
4-Nitrophenol
Concen: 37.048 ng
RT: 10.14 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BF106772.D
Acq: 25 Jun 2018 15:38

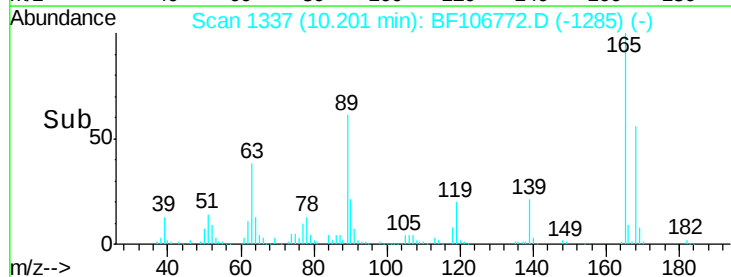
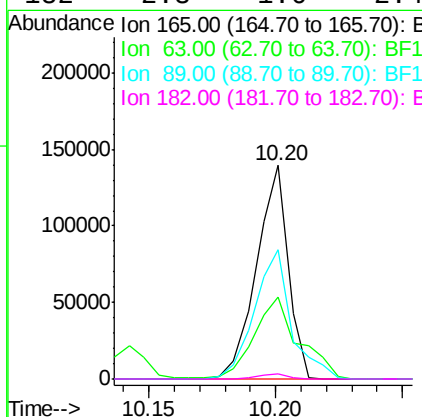
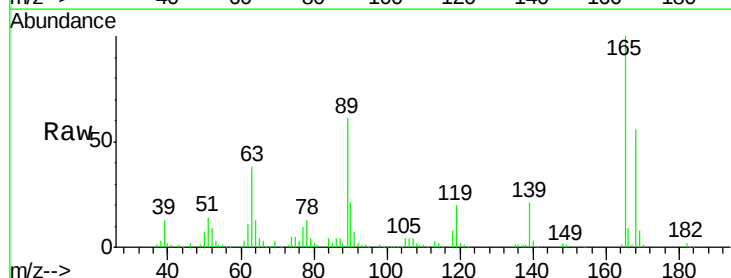
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

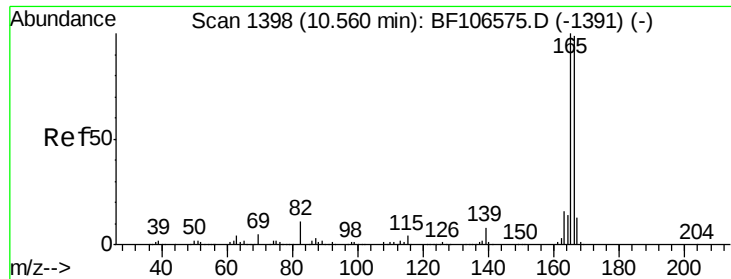
Tgt Ion:139 Resp: 73775
Ion Ratio Lower Upper
139 100
109 67.9 48.4 88.4
65 94.7 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 37.642 ng
RT: 10.20 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF106772.D
Acq: 25 Jun 2018 15:38

Tgt Ion:165 Resp: 121810
Ion Ratio Lower Upper
165 100
63 38.2 36.4 54.6
89 60.8 57.8 86.6
182 2.3 1.6 2.4

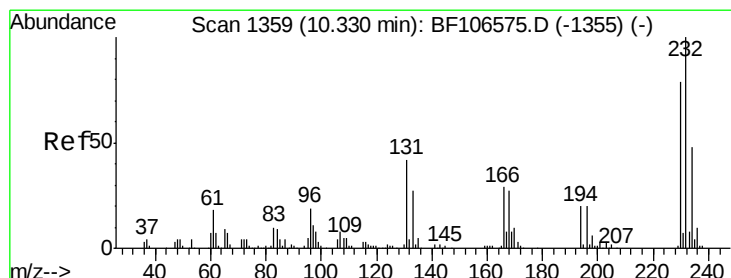
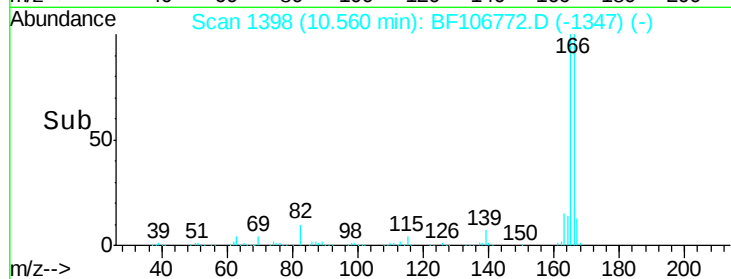
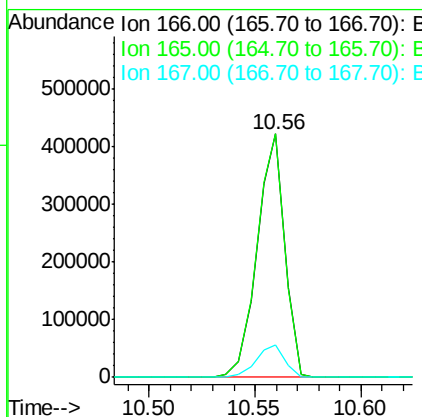
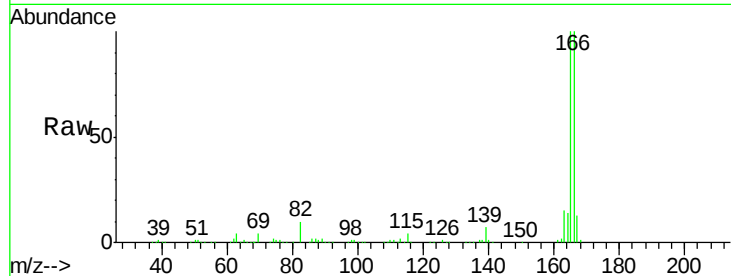




#57
Fluorene
 Concen: 36.248 ng
 RT: 10.56 min Scan# 1398
 Delta R.T. -0.00 min
 Lab File: BF106772.D
 Acq: 25 Jun 2018 15:38

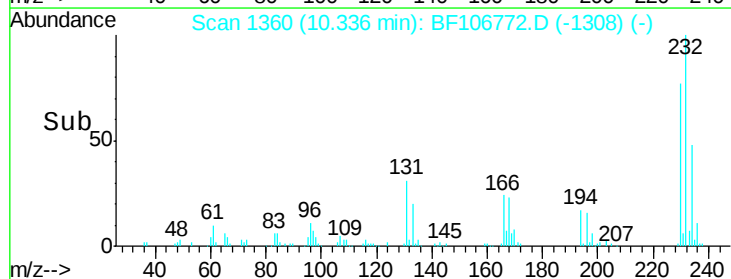
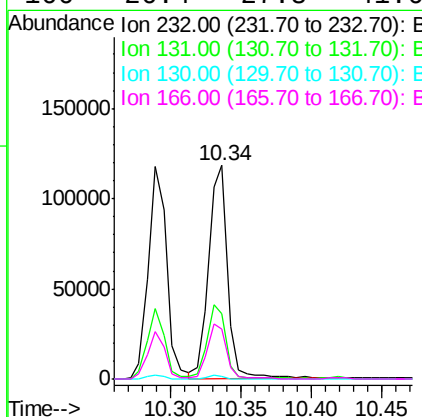
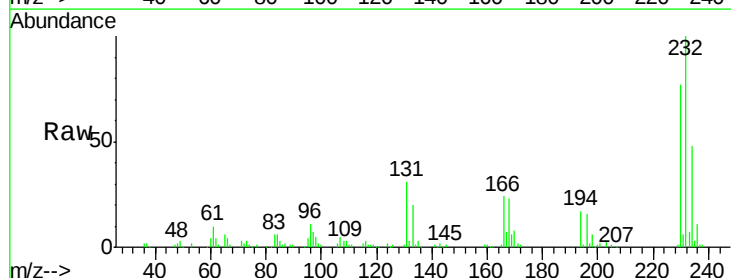
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

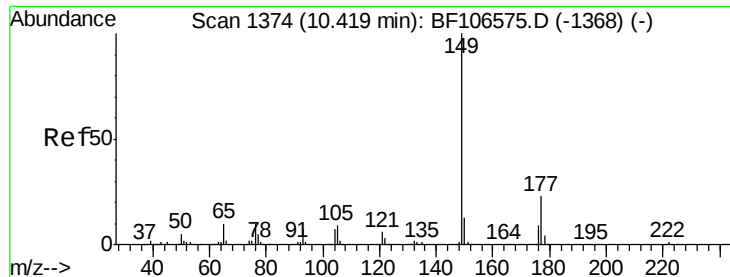
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.9	79.8	119.8
167	13.5	10.6	16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 37.938 ng
 RT: 10.34 min Scan# 1360
 Delta R.T. 0.01 min
 Lab File: BF106772.D
 Acq: 25 Jun 2018 15:38

Tgt Ion	Ratio	Lower	Upper
232	100		
131	35.3	43.8	65.8#
130	1.5	2.1	3.1#
166	26.4	27.8	41.6#

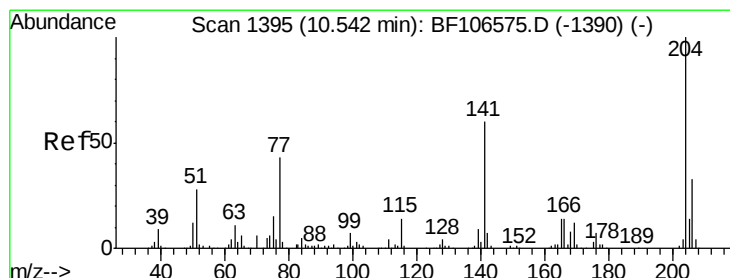
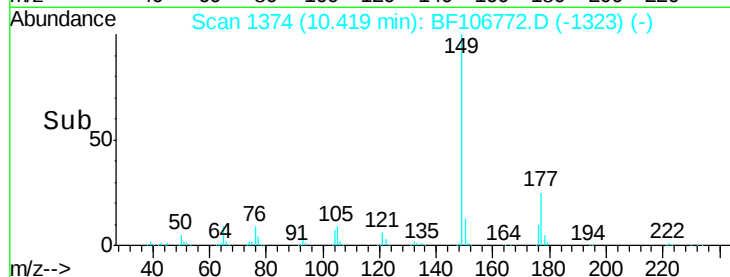
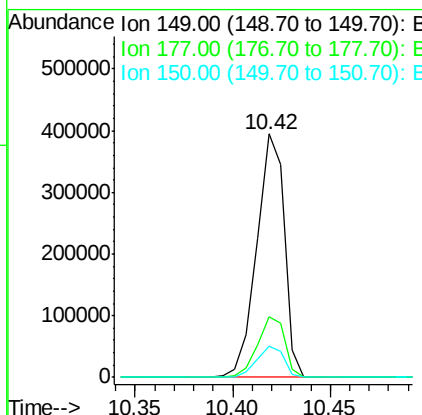
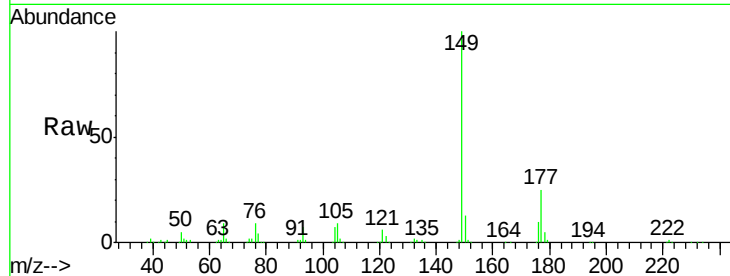




#59
Diethylphthalate
Concen: 34.221 ng
RT: 10.42 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BF106772.D
Acq: 25 Jun 2018 15:38

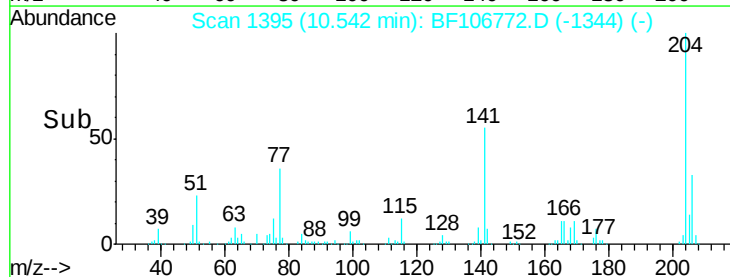
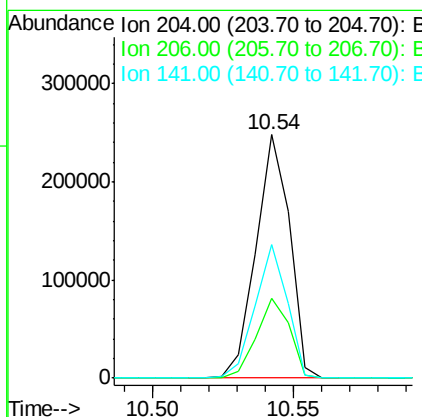
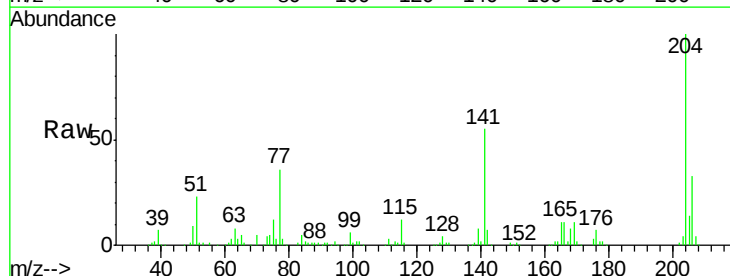
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

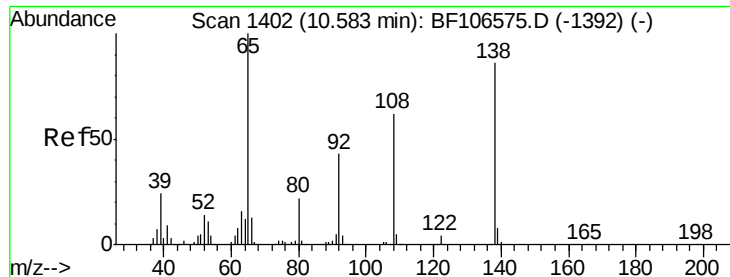
Tgt Ion:149 Resp: 386700
Ion Ratio Lower Upper
149 100
177 25.0 16.1 24.1#
150 12.7 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 36.992 ng
RT: 10.54 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BF106772.D
Acq: 25 Jun 2018 15:38

Tgt Ion:204 Resp: 204750
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 55.0 54.6 81.8

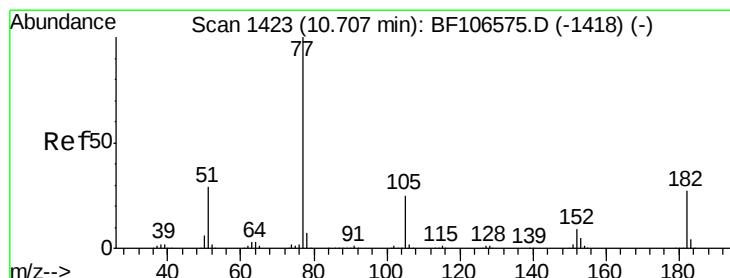
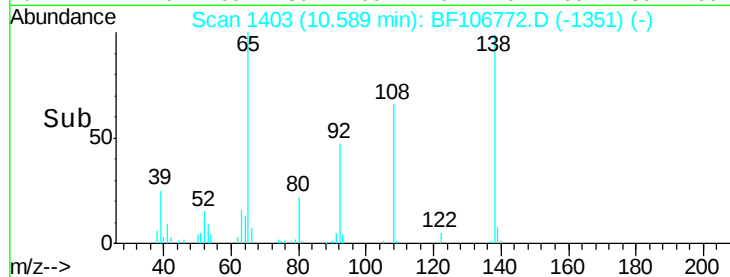
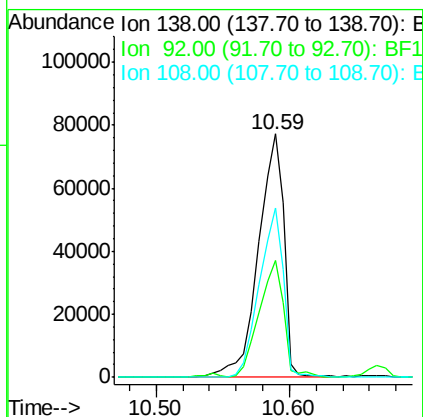
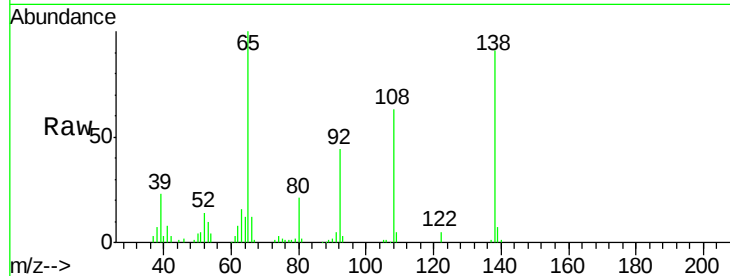




#61
4-Nitroaniline
Concen: 35.910 ng
RT: 10.59 min Scan# 1403
Delta R.T. 0.01 min
Lab File: BF106772.D
Acq: 25 Jun 2018 15:38

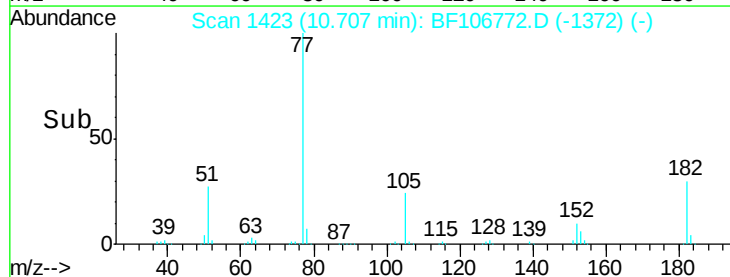
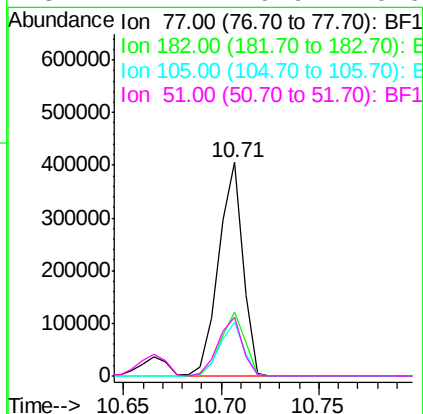
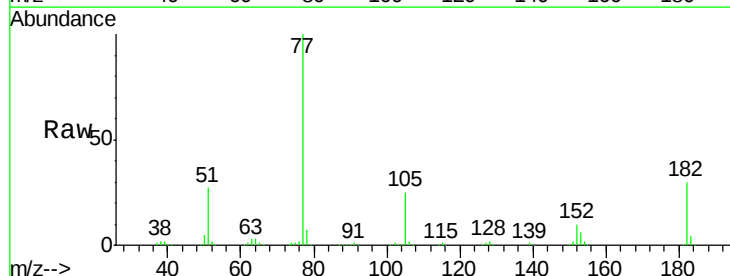
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

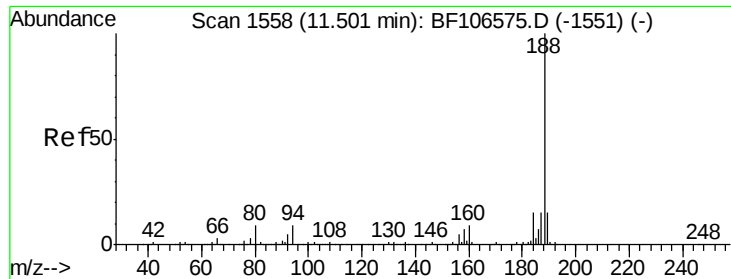
Tgt Ion: 138 Resp: 101673
Ion Ratio Lower Upper
138 100
92 47.9 30.2 70.2
108 69.3 52.5 92.5



#62
Azobenzene
Concen: 31.371 ng
RT: 10.71 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF106772.D
Acq: 25 Jun 2018 15:38

Tgt Ion: 77 Resp: 349086
Ion Ratio Lower Upper
77 100
182 30.1 1.7 41.7
105 25.2 3.0 43.0
51 27.4 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1558

Delta R.T. 0.00 min

Lab File: BF106772.D

Acq: 25 Jun 2018 15:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

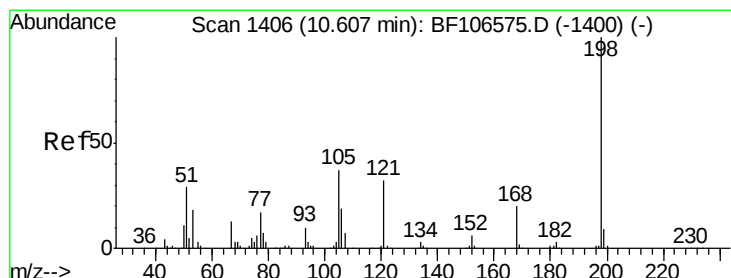
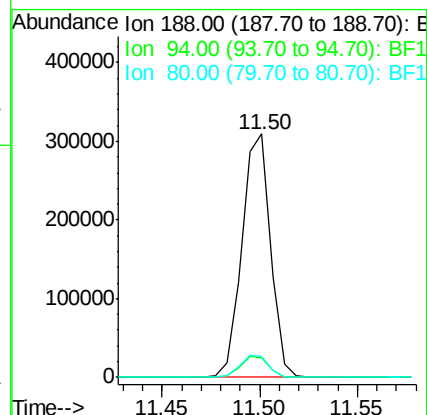
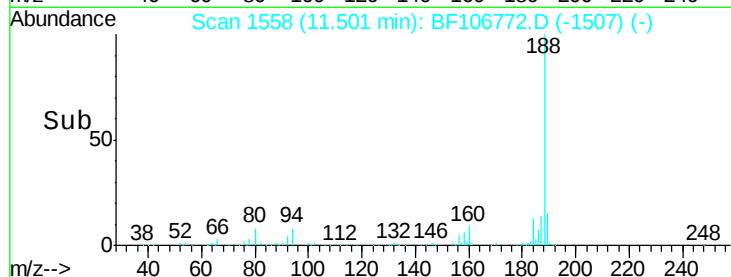
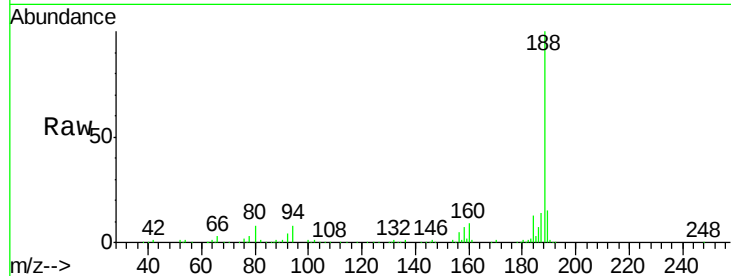
Tgt Ion:188 Resp: 311995

Ion Ratio Lower Upper

188 100

94 8.2 8.5 12.7#

80 8.4 9.2 13.8#



#64

4,6-Dinitro-2-methylphenol

Concen: 38.790 ng

RT: 10.61 min Scan# 1407

Delta R.T. 0.01 min

Lab File: BF106772.D

Acq: 25 Jun 2018 15:38

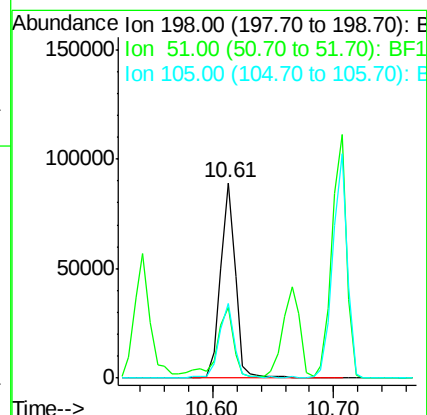
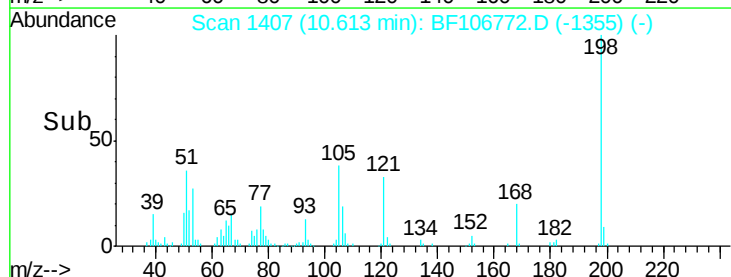
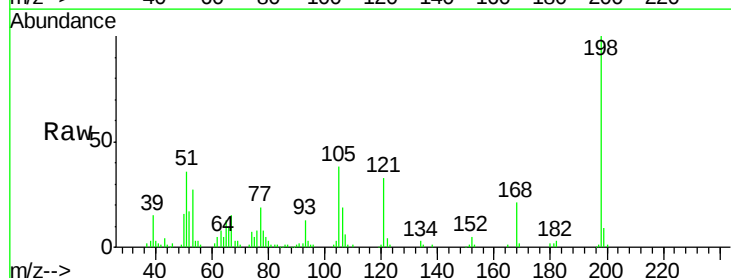
Tgt Ion:198 Resp: 74809

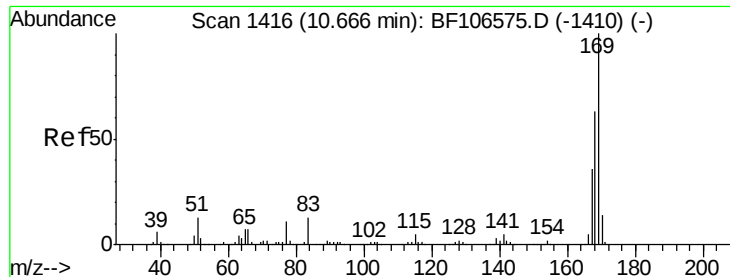
Ion Ratio Lower Upper

198 100

51 36.2 37.7 77.7#

105 38.3 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 33.962 ng

RT: 10.67 min Scan# 1416

Delta R.T. -0.00 min

Lab File: BF106772.D

Acq: 25 Jun 2018 15:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

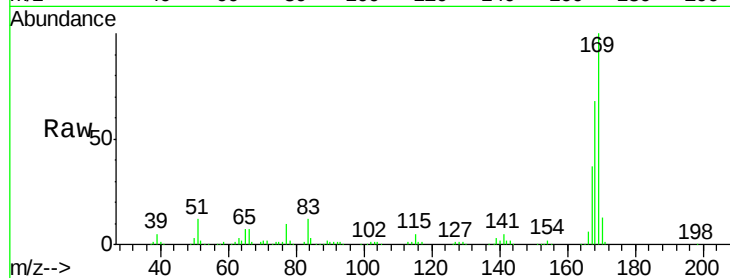
Tgt Ion:169 Resp: 356399

Ion Ratio Lower Upper

169 100

168 68.3 54.4 81.6

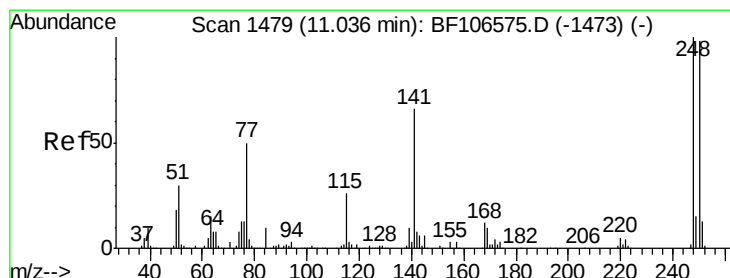
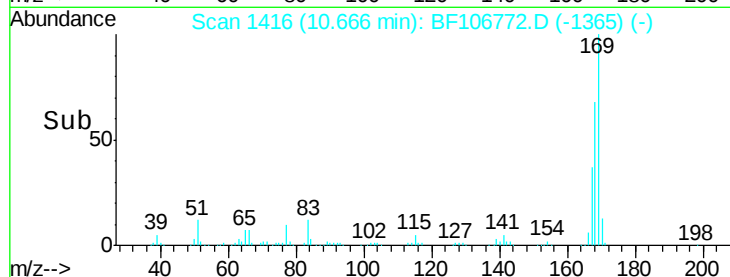
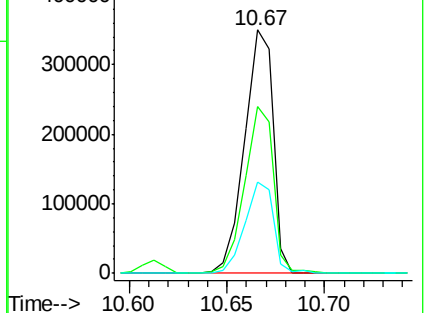
167 37.5 29.8 44.6



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: 37.798 ng

RT: 11.04 min Scan# 1479

Delta R.T. -0.00 min

Lab File: BF106772.D

Acq: 25 Jun 2018 15:38

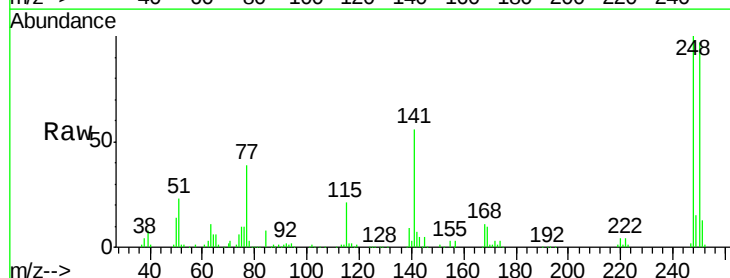
Tgt Ion:248 Resp: 140739

Ion Ratio Lower Upper

248 100

250 96.8 76.9 115.3

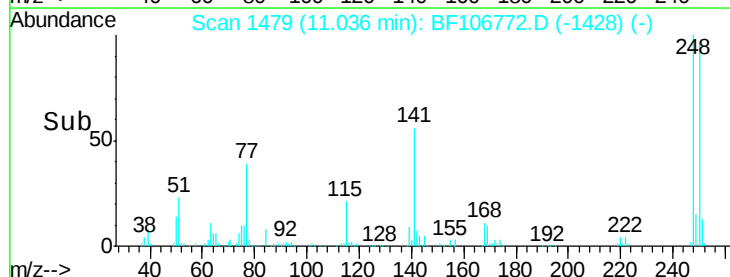
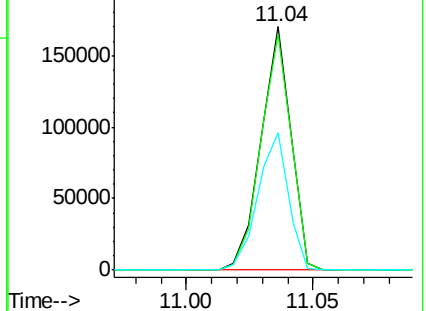
141 56.4 74.4 111.6#

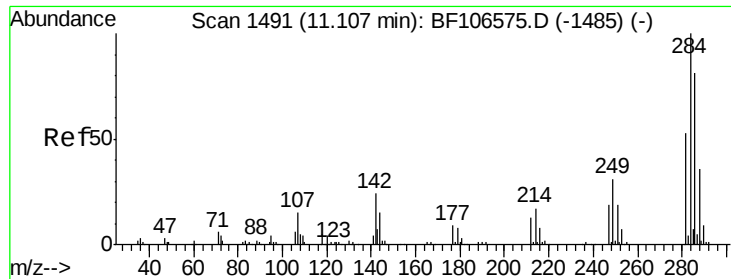


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

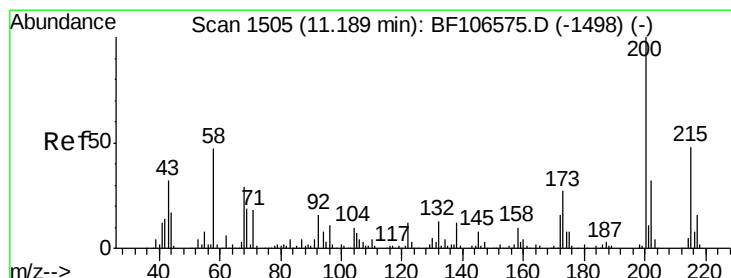
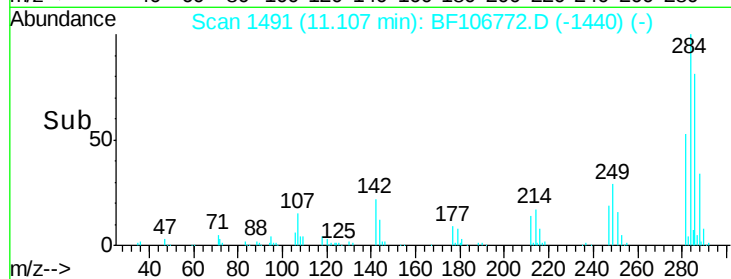
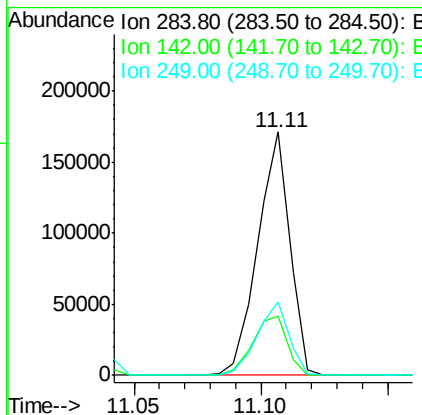
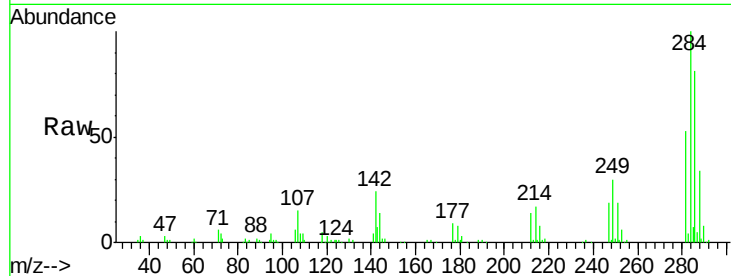




#67
Hexachlorobenzene
Concen: 38.872 ng
RT: 11.11 min Scan# 1491
Delta R.T. -0.00 min
Lab File: BF106772.D
Acq: 25 Jun 2018 15:38

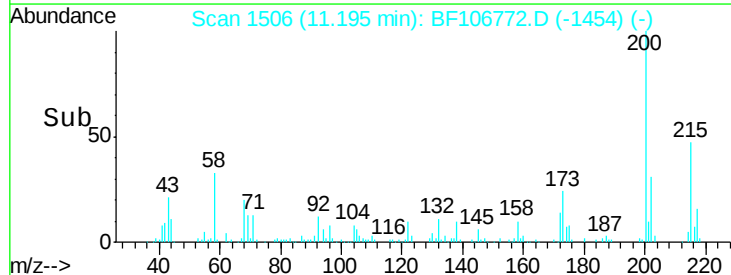
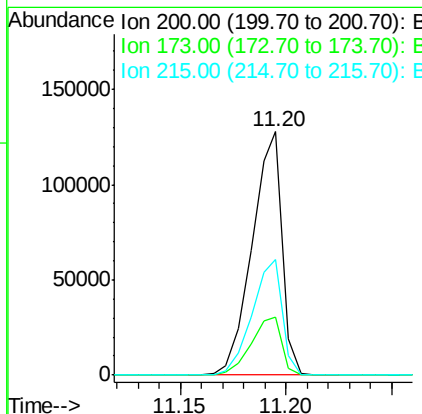
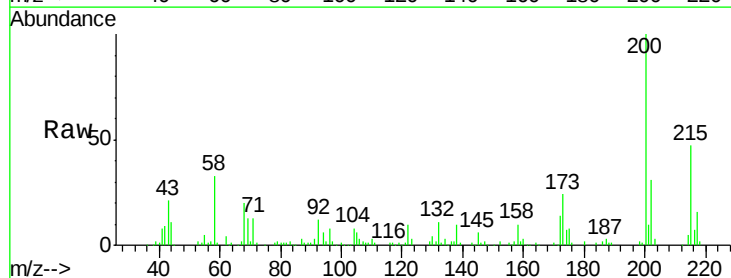
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

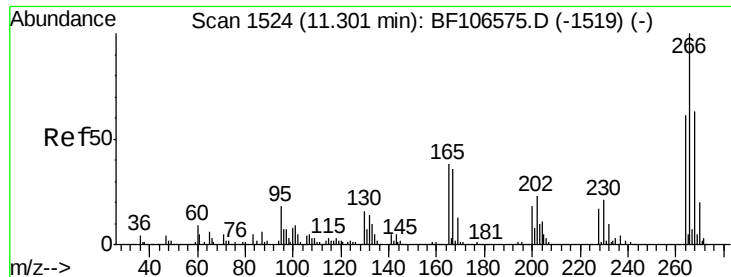
Tgt Ion:284 Resp: 151490
Ion Ratio Lower Upper
284 100
142 24.3 34.6 52.0#
249 30.1 24.8 37.2



#68
Atrazine
Concen: 37.623 ng
RT: 11.20 min Scan# 1506
Delta R.T. 0.01 min
Lab File: BF106772.D
Acq: 25 Jun 2018 15:38

Tgt Ion:200 Resp: 125512
Ion Ratio Lower Upper
200 100
173 23.9 8.6 48.6
215 47.5 25.1 65.1

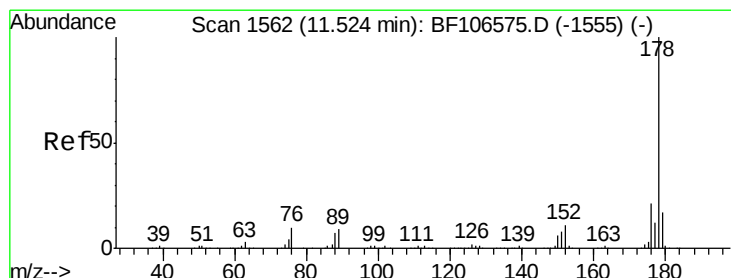
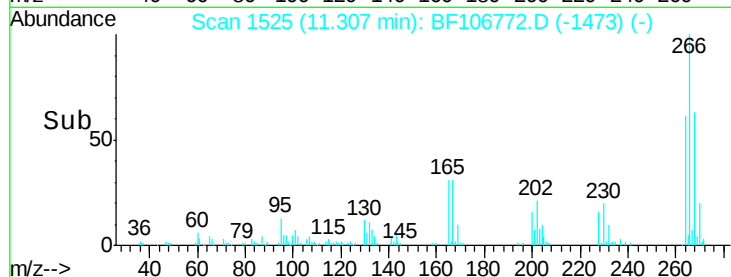
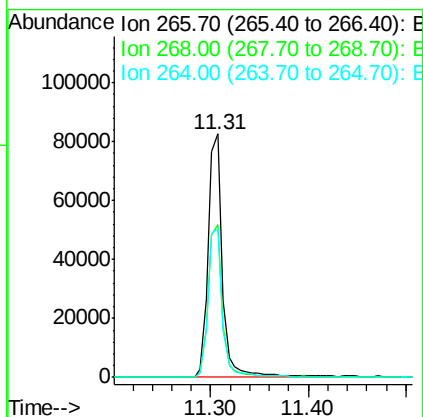
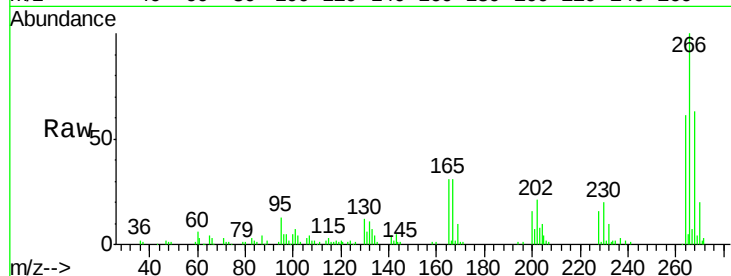




#69
 Pentachlorophenol
 Concen: 43.659 ng
 RT: 11.31 min Scan# 1525
 Delta R.T. 0.01 min
 Lab File: BF106772.D
 Acq: 25 Jun 2018 15:38

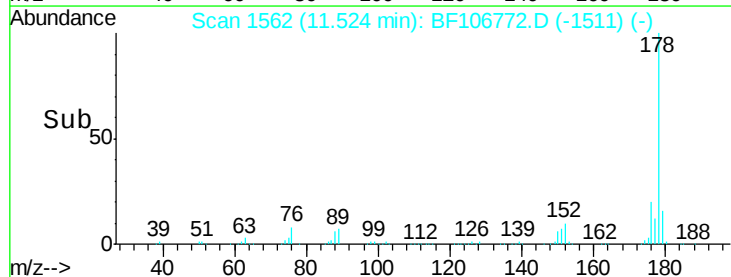
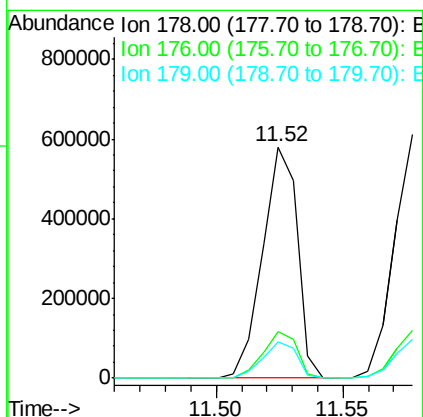
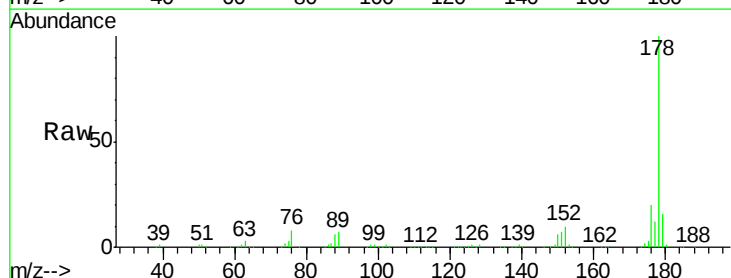
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

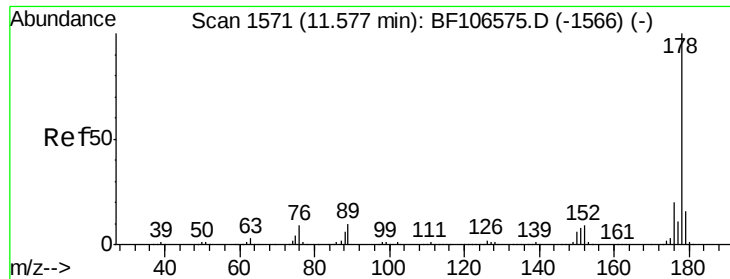
Tgt Ion:266 Resp: 84897
 Ion Ratio Lower Upper
 266 100
 268 63.0 51.1 76.7
 264 61.1 49.5 74.3



#70
 Phenanthrene
 Concen: 37.215 ng
 RT: 11.52 min Scan# 1562
 Delta R.T. 0.00 min
 Lab File: BF106772.D
 Acq: 25 Jun 2018 15:38

Tgt Ion:178 Resp: 560012
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.8 23.8
 179 15.7 13.0 19.6

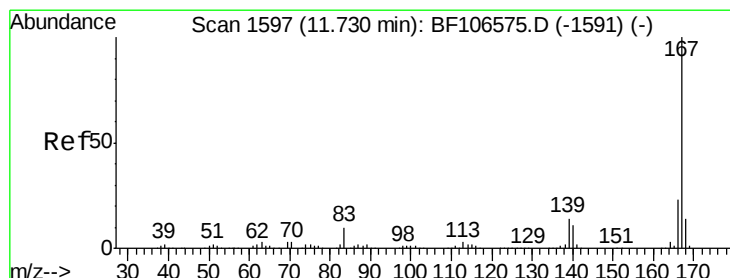
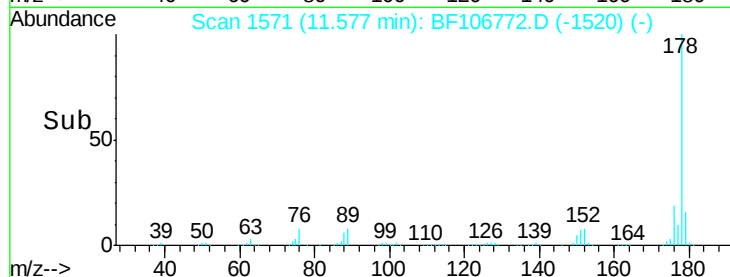
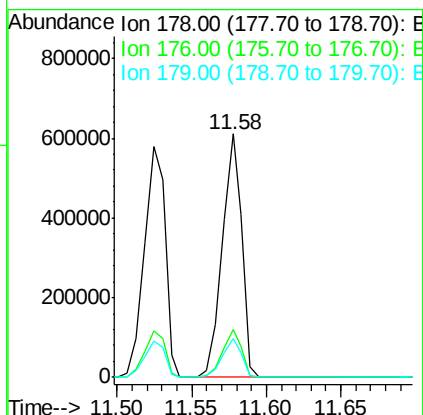
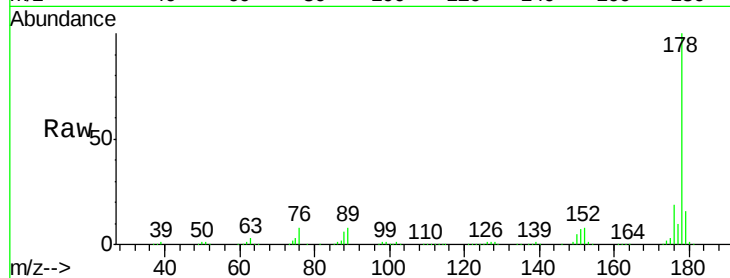




#71
 Anthracene
 Concen: 36.913 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BF106772.D
 Acq: 25 Jun 2018 15:38

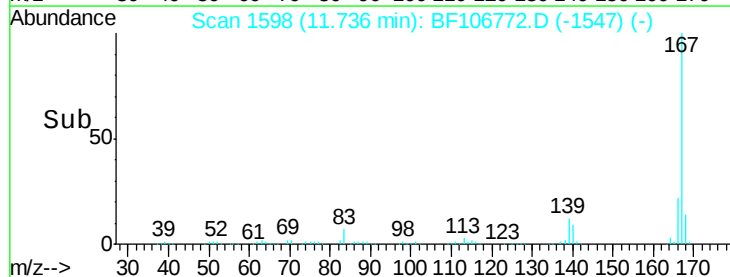
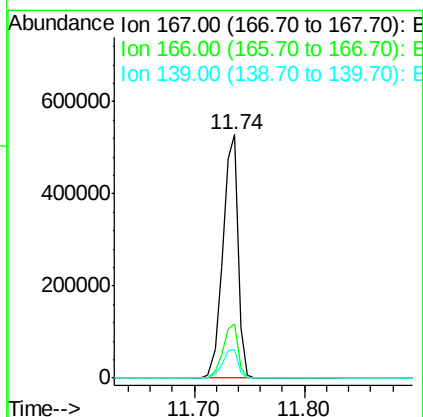
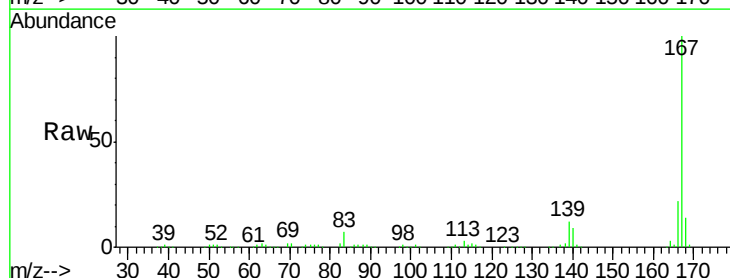
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

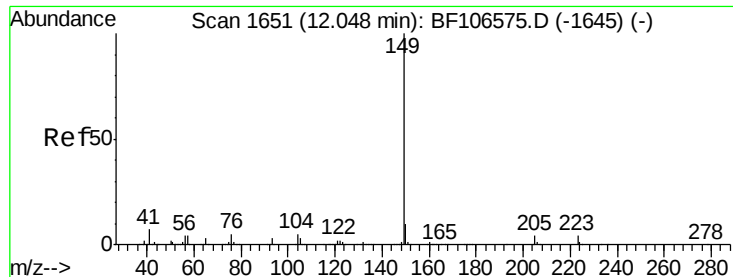
Tgt Ion:178 Resp: 566974
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 15.7 12.6 19.0



#72
 Carbazole
 Concen: 35.481 ng
 RT: 11.74 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BF106772.D
 Acq: 25 Jun 2018 15:38

Tgt Ion:167 Resp: 510233
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 12.0 10.9 16.3





#73

Di-n-butylphthalate

Concen: 34.261 ng

RT: 12.04 min Scan# 1650

Delta R.T. -0.00 min

Lab File: BF106772.D

Acq: 25 Jun 2018 15:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

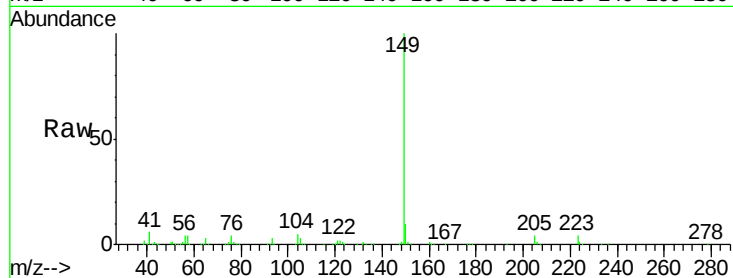
Tgt Ion:149 Resp: 580431

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

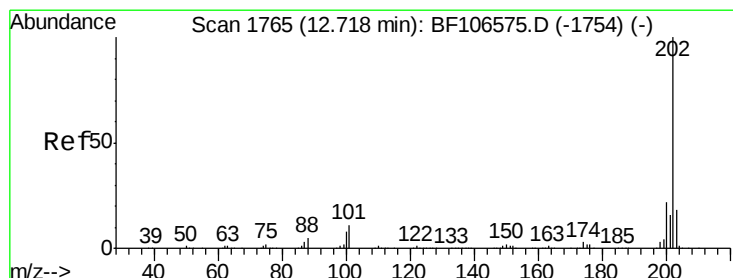
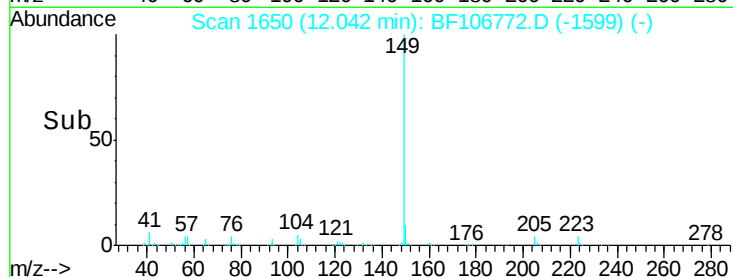
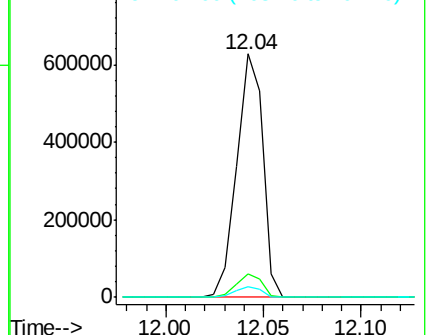
104 4.6 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.504 ng

RT: 12.72 min Scan# 1765

Delta R.T. -0.00 min

Lab File: BF106772.D

Acq: 25 Jun 2018 15:38

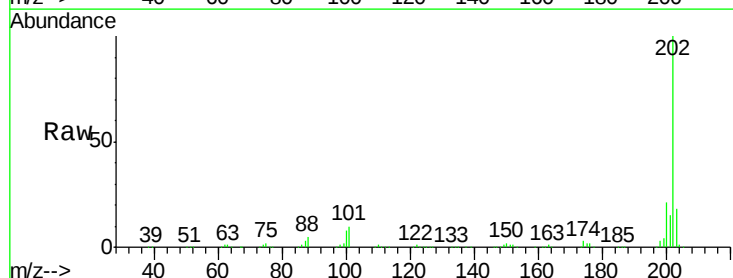
Tgt Ion:202 Resp: 605464

Ion Ratio Lower Upper

202 100

101 9.9 0.0 34.1

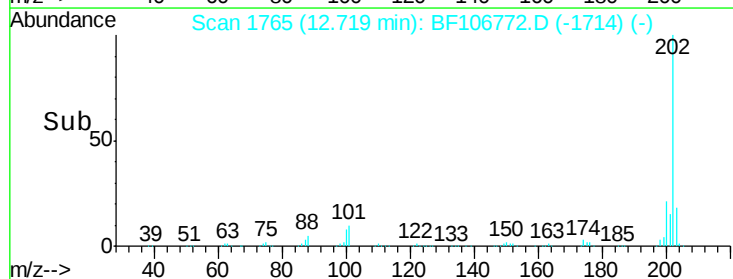
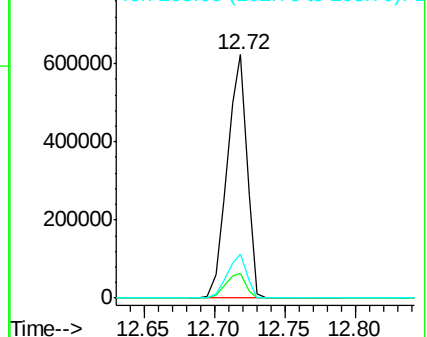
203 17.9 0.0 38.1

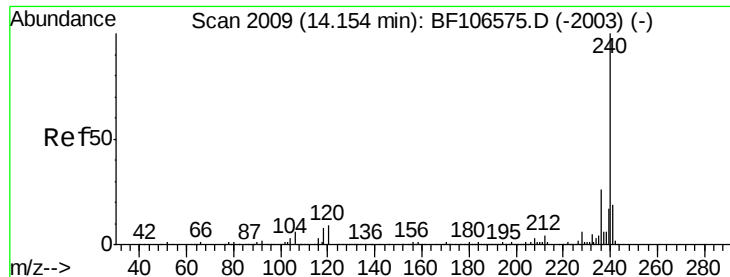


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2011

Delta R.T. 0.01 min

Lab File: BF106772.D

Acq: 25 Jun 2018 15:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

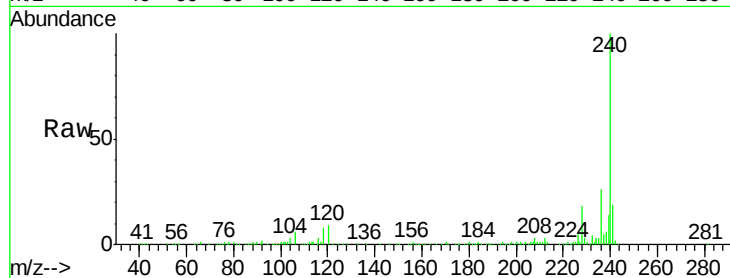
Tgt Ion:240 Resp: 236790

Ion Ratio Lower Upper

240 100

120 8.9 9.5 14.3#

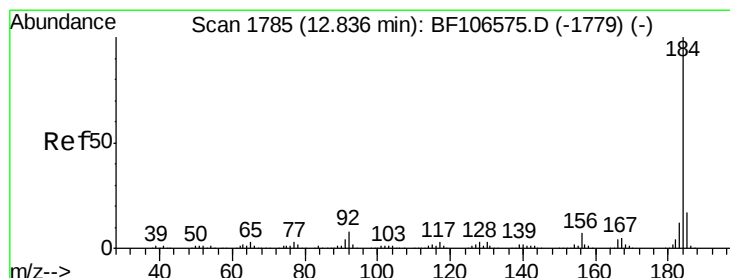
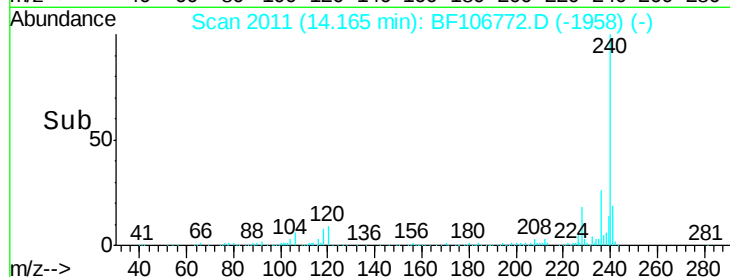
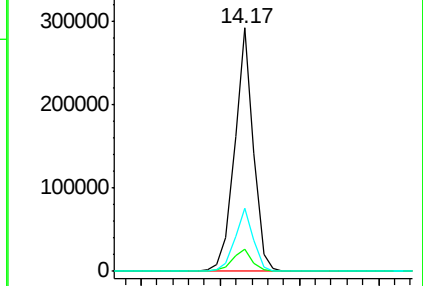
236 25.7 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 37.682 ng

RT: 12.84 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BF106772.D

Acq: 25 Jun 2018 15:38

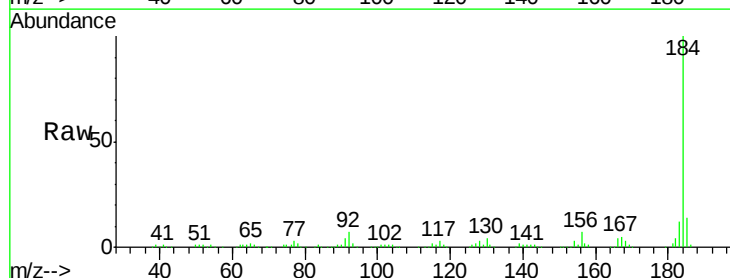
Tgt Ion:184 Resp: 254116

Ion Ratio Lower Upper

184 100

185 14.4 12.6 18.8

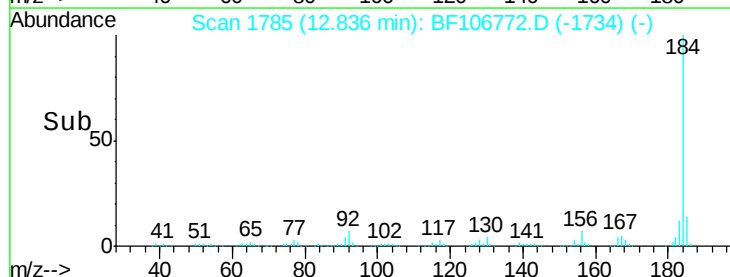
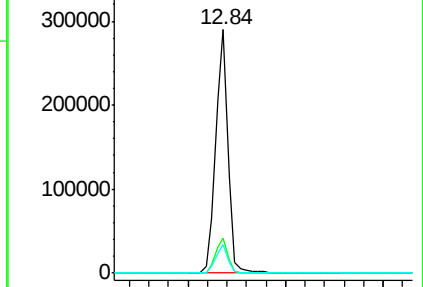
183 11.5 9.3 13.9

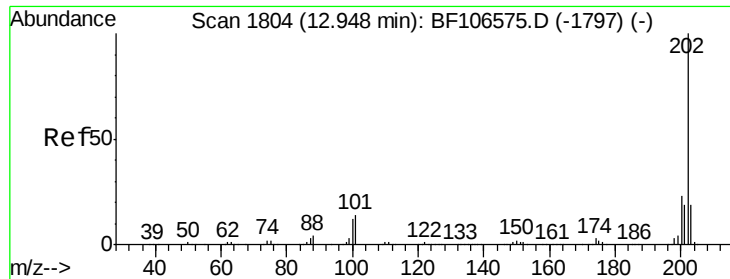


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

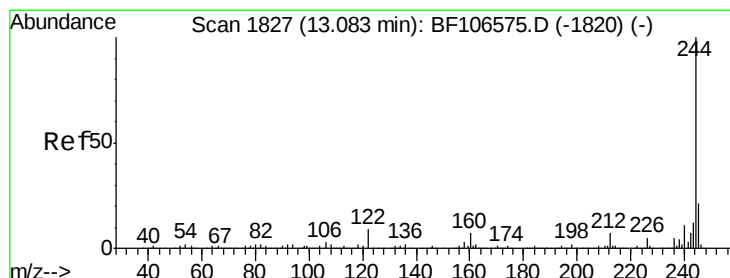
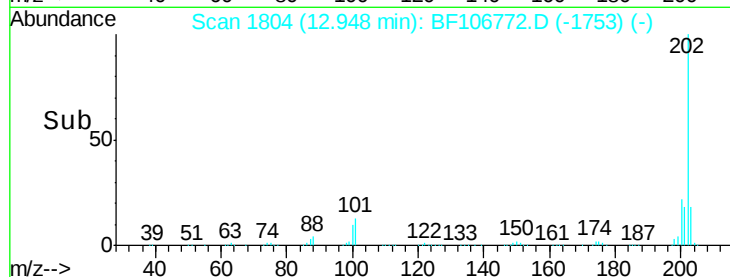
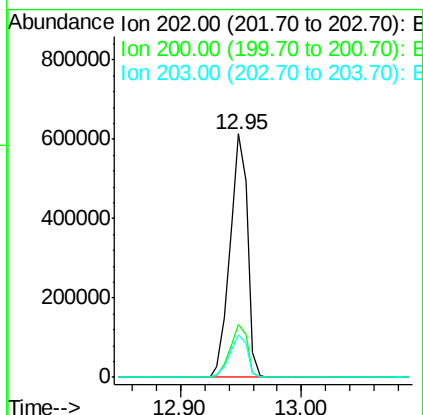
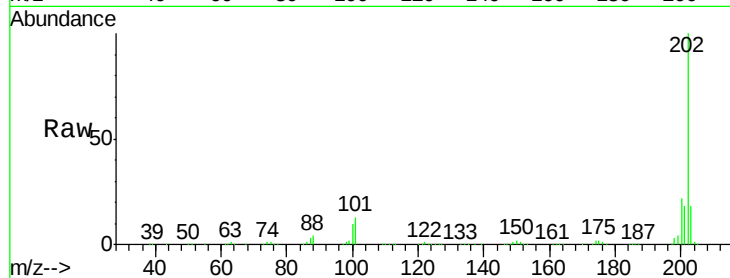




#77
 Pyrene
 Concen: 39.661 ng
 RT: 12.95 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: BF106772.D
 Acq: 25 Jun 2018 15:38

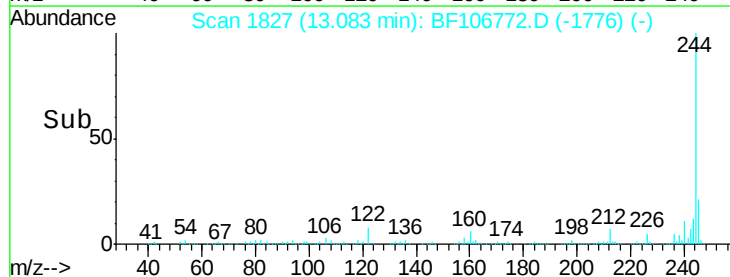
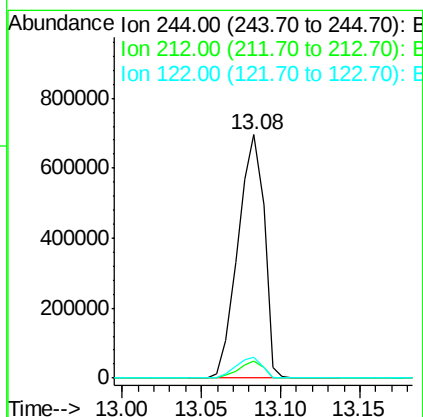
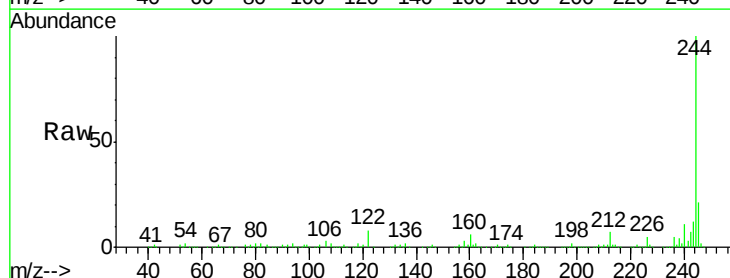
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

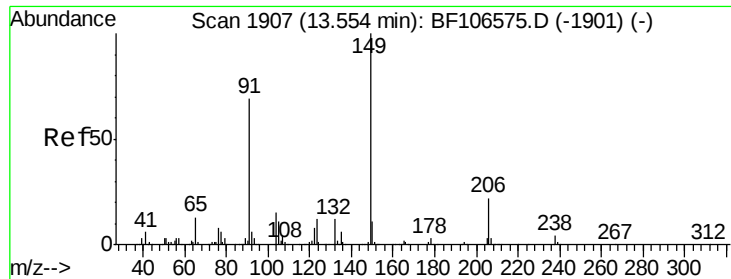
Tgt Ion: 202 Resp: 619292
 Ion Ratio Lower Upper
 202 100
 200 21.9 17.4 26.2
 203 17.7 14.3 21.5



#78
 Terphenyl-d14
 Concen: 81.144 ng
 RT: 13.08 min Scan# 1827
 Delta R.T. 0.00 min
 Lab File: BF106772.D
 Acq: 25 Jun 2018 15:38

Tgt Ion: 244 Resp: 793218
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 8.5 11.0 16.4

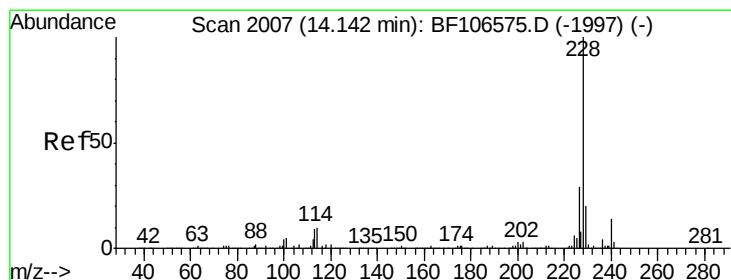
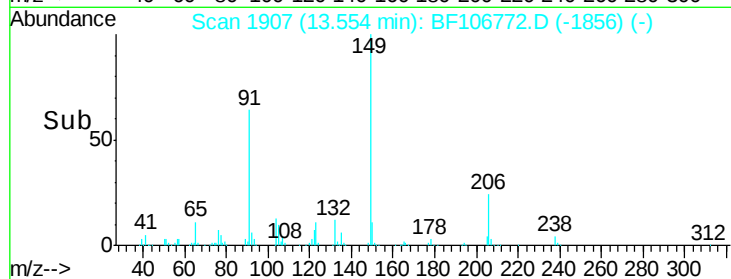
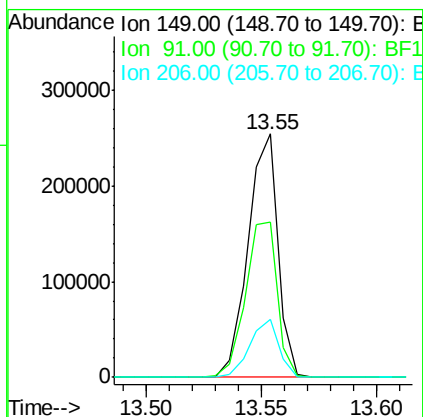
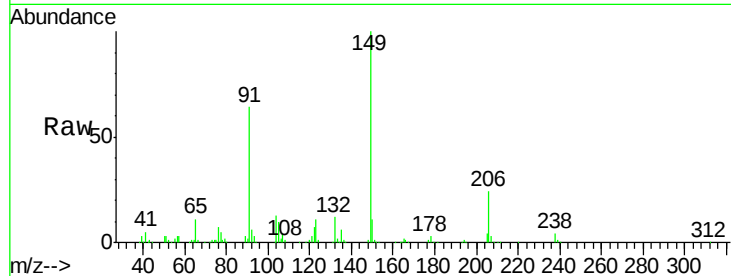




#79
Butylbenzylphthalate
Concen: 35.972 ng
RT: 13.55 min Scan# 1907
Delta R.T. -0.00 min
Lab File: BF106772.D
Acq: 25 Jun 2018 15:38

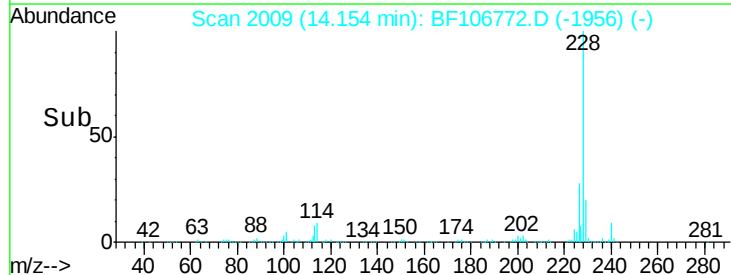
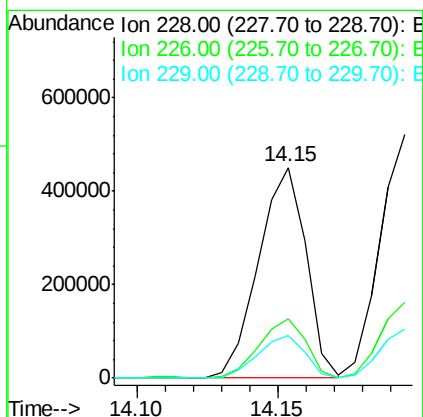
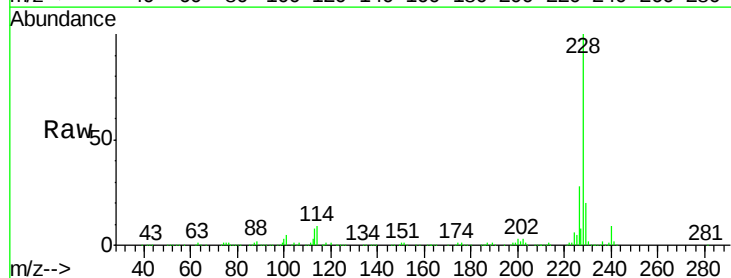
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

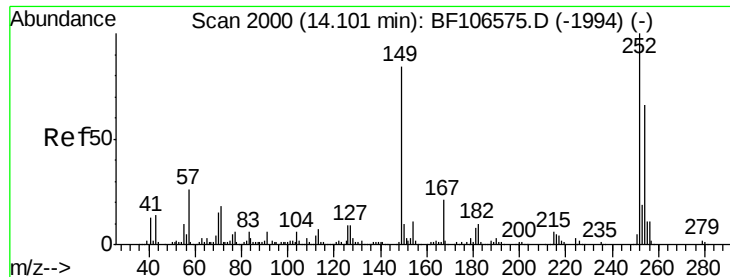
Tgt Ion	Ratio	Lower	Upper
149	100		
91	63.9	56.8	85.2
206	23.9	14.1	21.1



#80
Benzo(a)anthracene
Concen: 36.543 ng
RT: 14.15 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BF106772.D
Acq: 25 Jun 2018 15:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	33.8
229	20.1	15.8	23.6

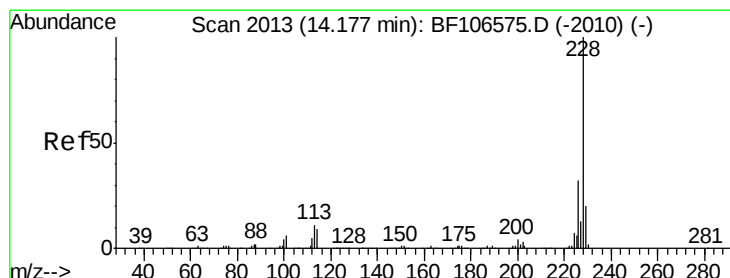
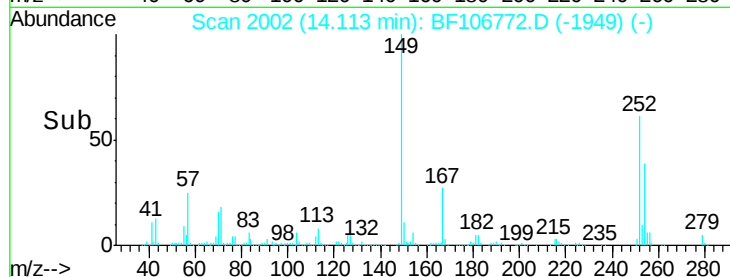
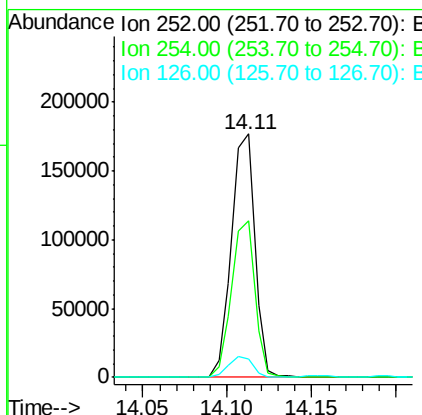
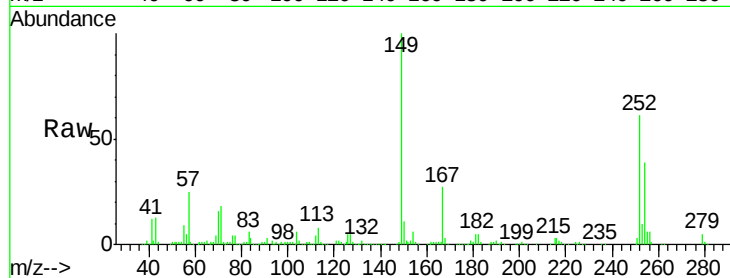




#81
 3,3'-Dichlorobenzidine
 Concen: 33.846 ng
 RT: 14.11 min Scan# 2002
 Delta R.T. 0.01 min
 Lab File: BF106772.D
 Acq: 25 Jun 2018 15:38

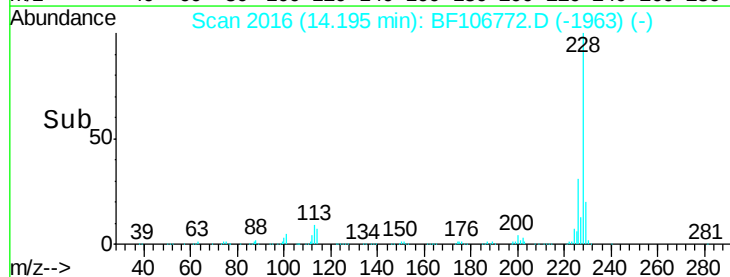
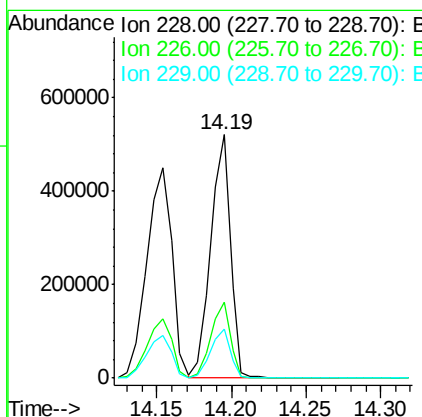
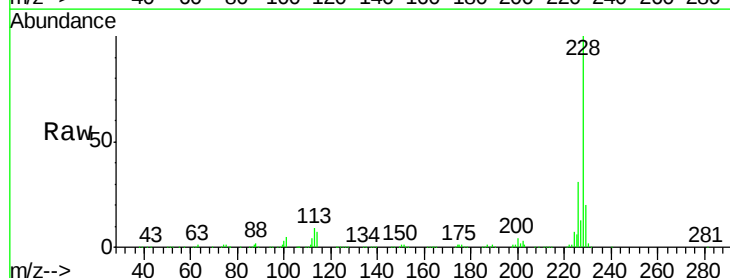
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

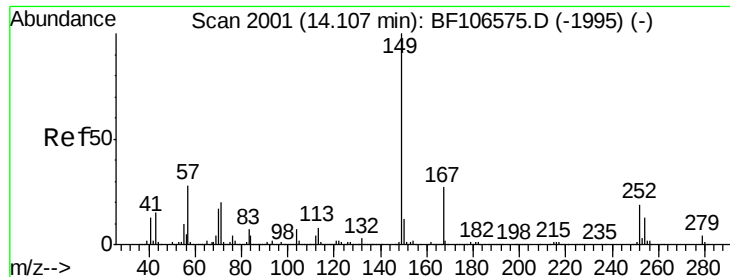
Tgt Ion: 252 Resp: 171674
 Ion Ratio Lower Upper
 252 100
 254 64.5 50.4 75.6
 126 7.5 11.3 16.9#



#82
 Chrysene
 Concen: 35.985 ng
 RT: 14.19 min Scan# 2016
 Delta R.T. 0.01 min
 Lab File: BF106772.D
 Acq: 25 Jun 2018 15:38

Tgt Ion: 228 Resp: 477778
 Ion Ratio Lower Upper
 228 100
 226 31.4 25.0 37.6
 229 20.2 16.2 24.4

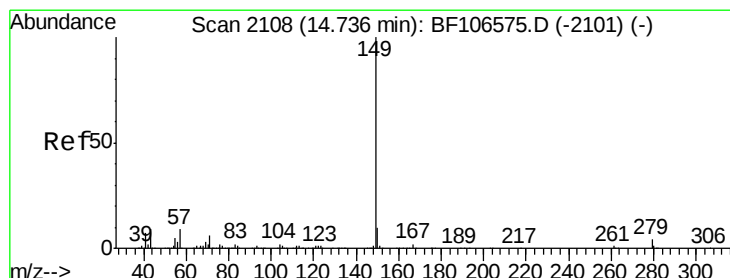
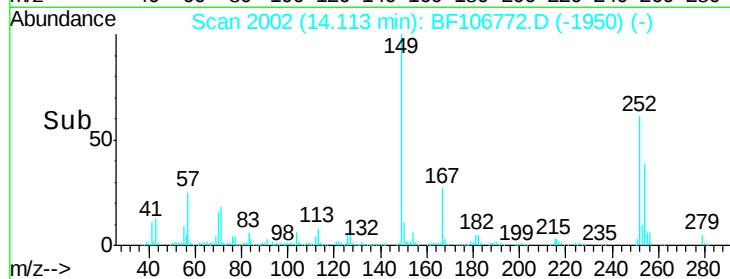
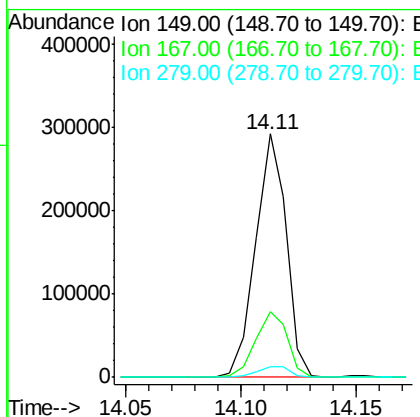
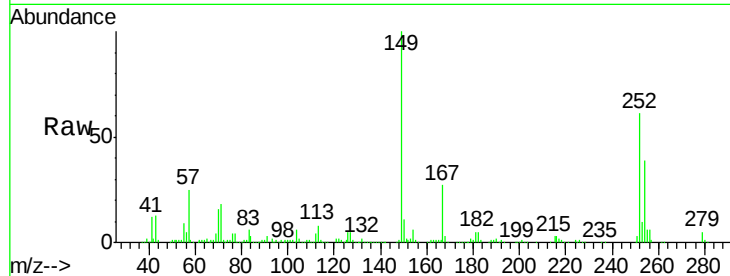




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 33.057 ng
 RT: 14.11 min Scan# 2002
 Delta R.T. 0.01 min
 Lab File: BF106772.D
 Acq: 25 Jun 2018 15:38

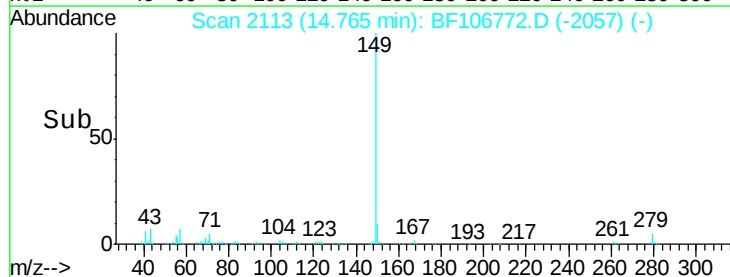
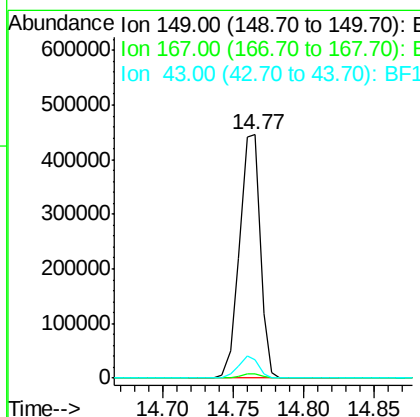
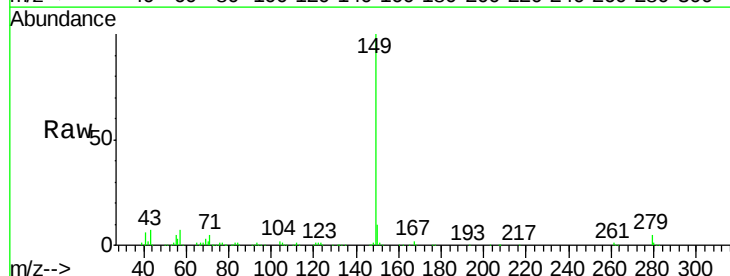
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

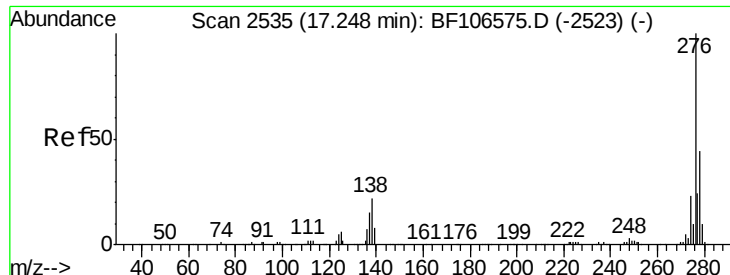
Tgt Ion:149 Resp: 271323
 Ion Ratio Lower Upper
 149 100
 167 26.8 21.3 31.9
 279 4.6 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 34.184 ng
 RT: 14.77 min Scan# 2113
 Delta R.T. 0.03 min
 Lab File: BF106772.D
 Acq: 25 Jun 2018 15:38

Tgt Ion:149 Resp: 457339
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 8.5 8.4 12.6

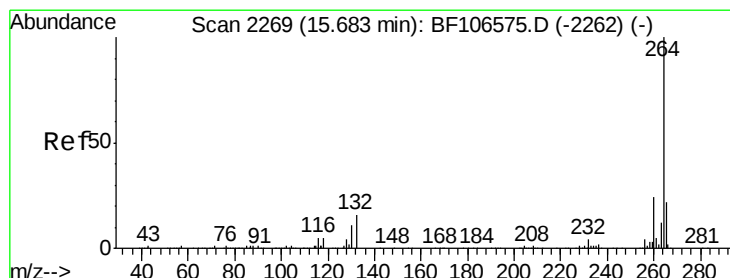
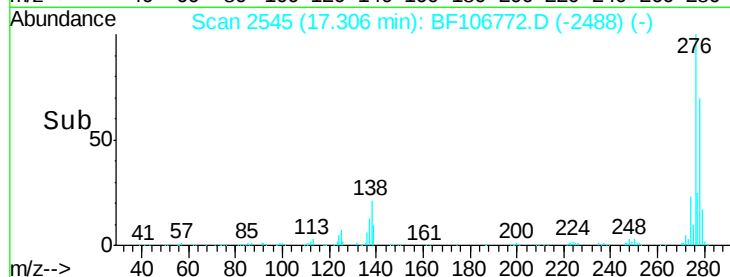
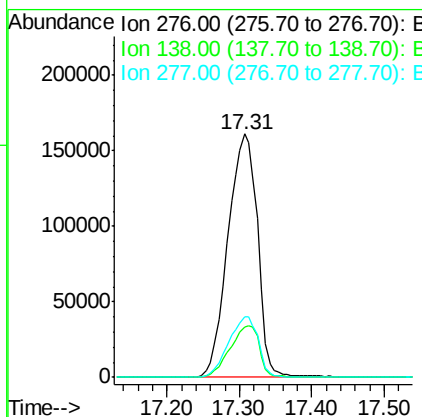
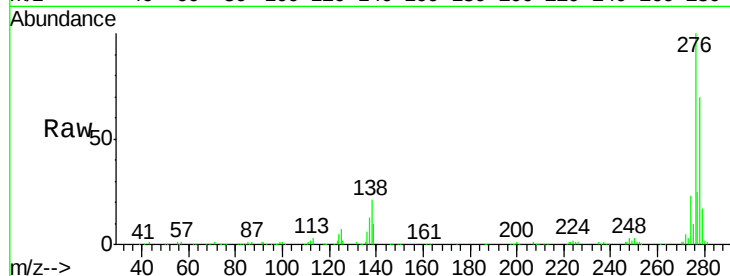




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.516 ng
 RT: 17.31 min Scan# 2545
 Delta R.T. 0.04 min
 Lab File: BF106772.D
 Acq: 25 Jun 2018 15:38

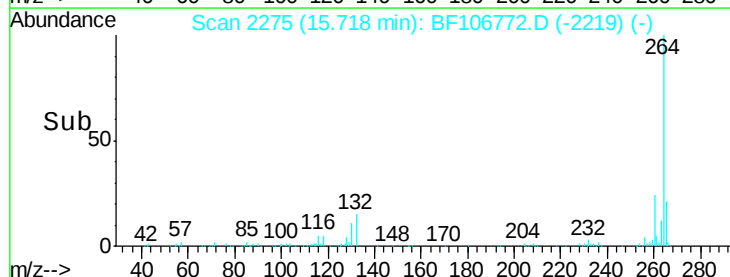
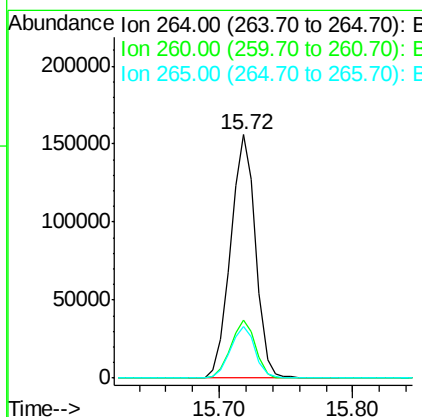
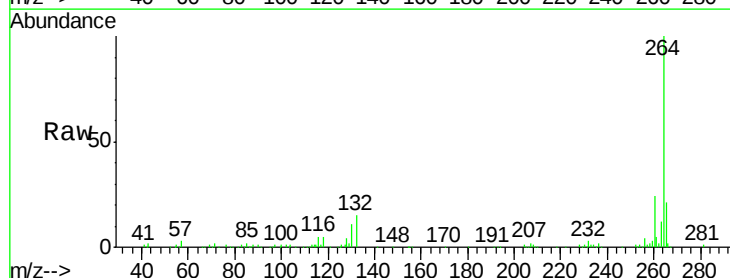
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

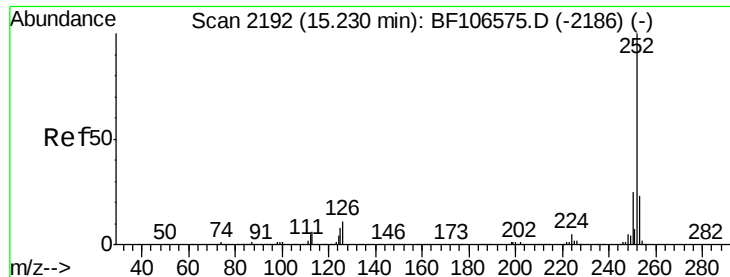
Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.0	25.0	37.6#
277	25.1	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.72 min Scan# 2275
 Delta R.T. 0.03 min
 Lab File: BF106772.D
 Acq: 25 Jun 2018 15:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.3	17.5	26.3

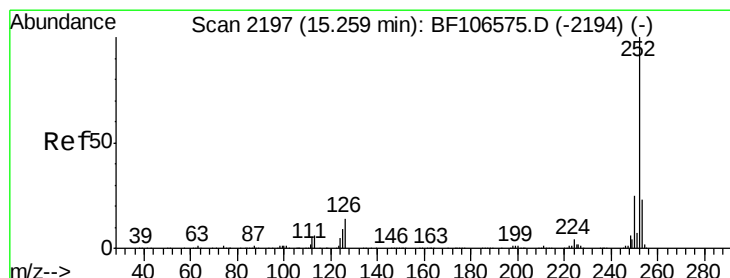
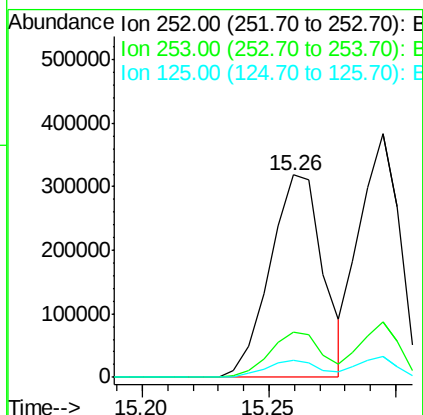
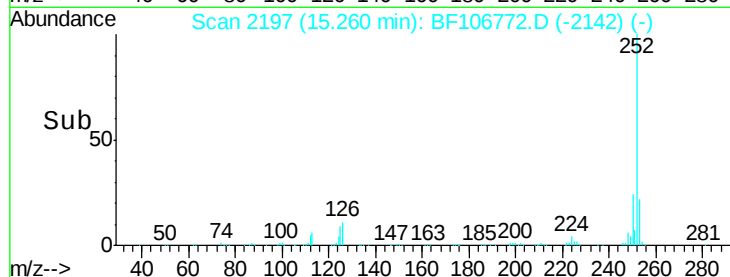
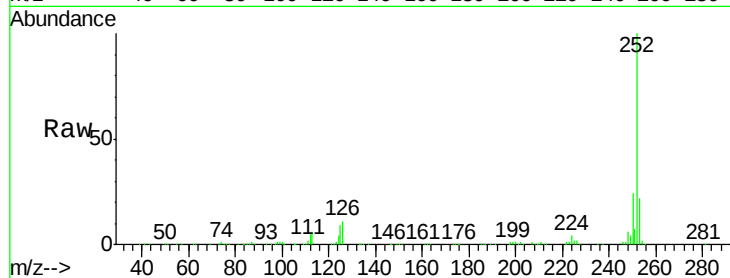




#87
Benzo(b)fluoranthene
Concen: 36.495 ng
RT: 15.26 min Scan# 2197
Delta R.T. 0.02 min
Lab File: BF106772.D
Acq: 25 Jun 2018 15:38

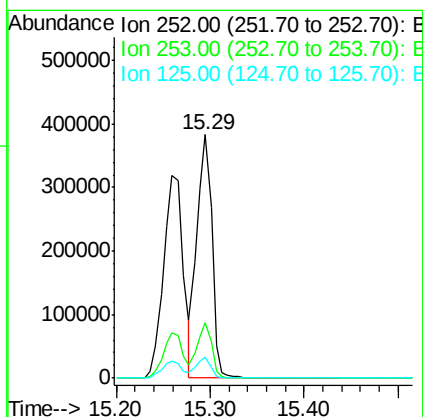
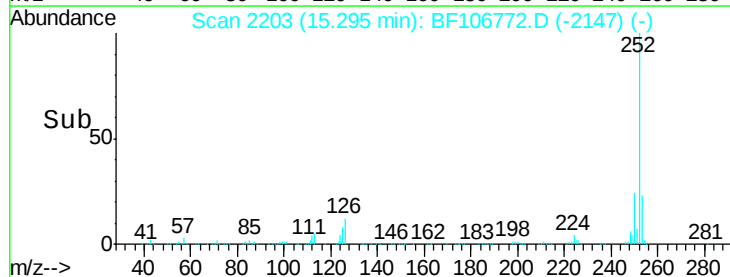
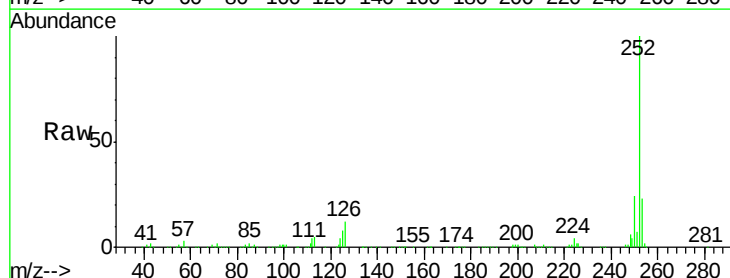
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

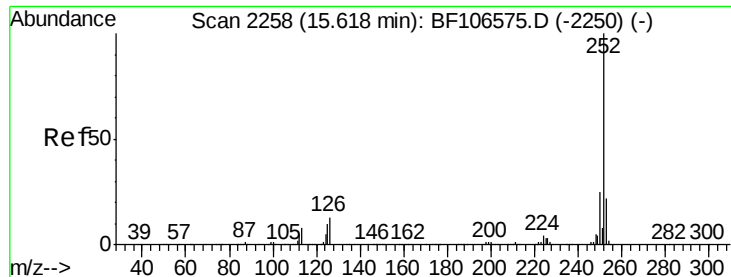
Tgt Ion:252 Resp: 462492
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 8.7 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 35.554 ng
RT: 15.29 min Scan# 2203
Delta R.T. 0.03 min
Lab File: BF106772.D
Acq: 25 Jun 2018 15:38

Tgt Ion:252 Resp: 429077
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 8.4 10.2 15.2#





#89

Benzo(a)pyrene

Concen: 36.746 ng

RT: 15.65 min Scan# 2264

Delta R.T. 0.02 min

Lab File: BF106772.D

Acq: 25 Jun 2018 15:38

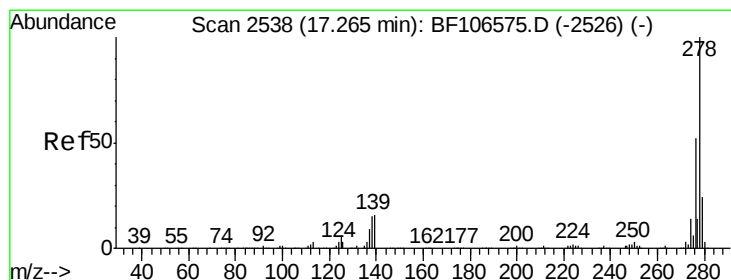
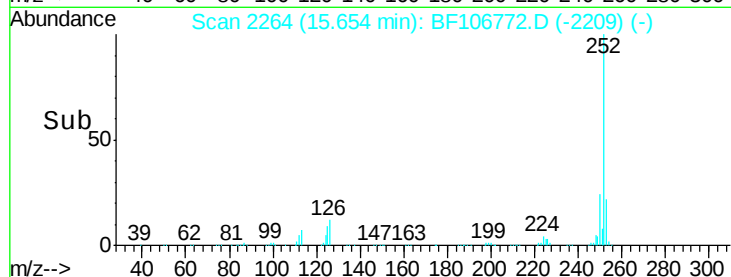
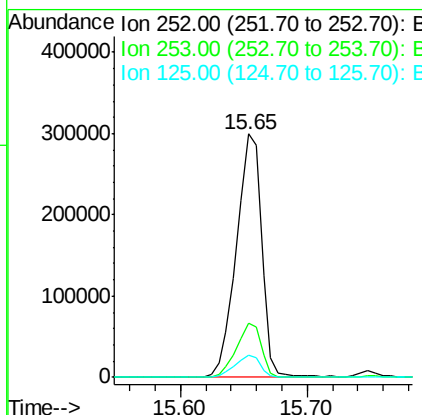
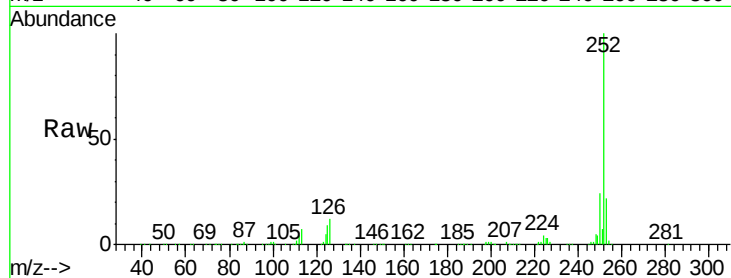
Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:	252	Resp:	413977
Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	9.2	9.8	14.6#



#90

Dibenzo(a,h)anthracene

Concen: 39.874 ng

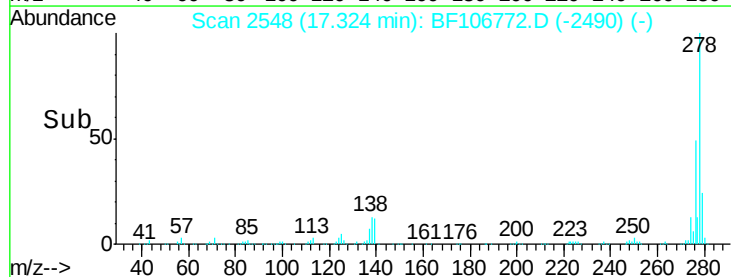
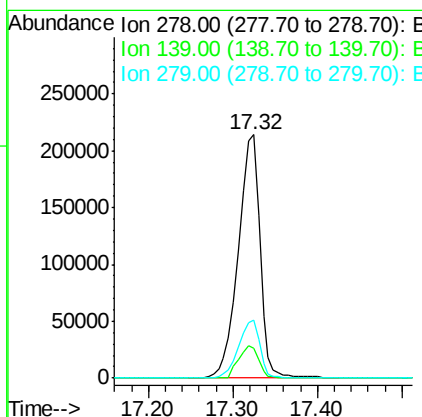
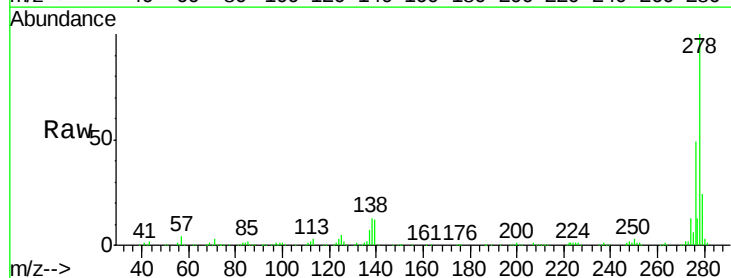
RT: 17.32 min Scan# 2548

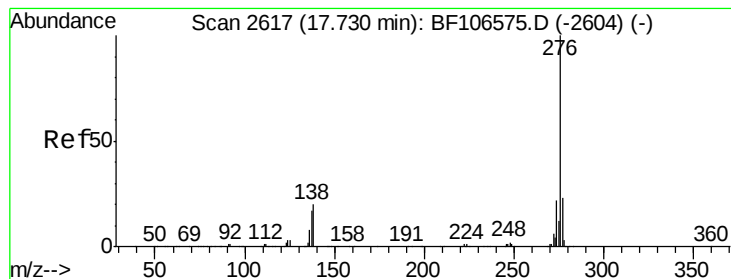
Delta R.T. 0.04 min

Lab File: BF106772.D

Acq: 25 Jun 2018 15:38

Tgt Ion:	278	Resp:	380701
Ion	Ratio	Lower	Upper
278	100		
139	12.4	15.9	23.9#
279	23.9	19.0	28.4





#91

Benzo(g,h,i)perylene

Concen: 41.618 ng

RT: 17.79 min Scan# 2627

Delta R.T. 0.04 min

Lab File: BF106772.D

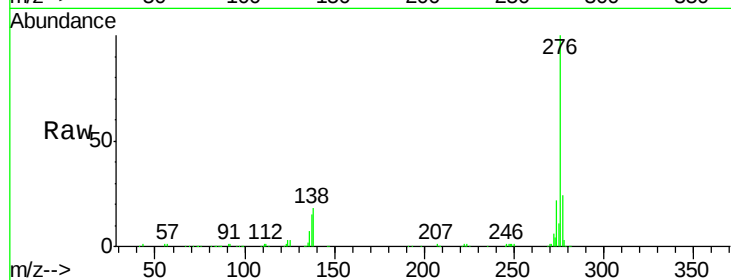
Acq: 25 Jun 2018 15:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



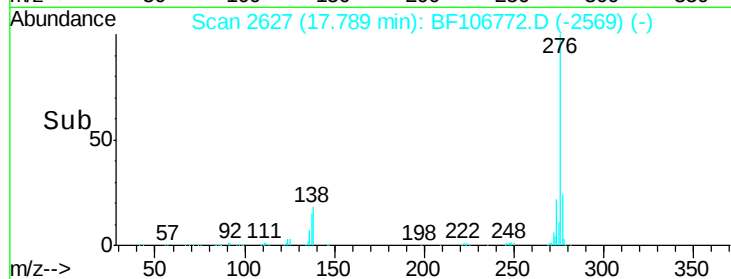
Tgt Ion: 276 Resp: 388384

Ion Ratio Lower Upper

276 100

277 23.9 17.9 26.9

138 18.4 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

