

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
 Data File : BF106693.D
 Acq On : 22 Jun 2018 7:51
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 22 09:02:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 19 14:32:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	52718	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	200244	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	91654	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	172667	20.00	ng	0.00
75) Chrysene-d12	14.16	240	172857	20.00	ng	0.00
86) Perylene-d12	15.71	264	131674	20.00	ng	0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	246121	79.05	ng	0.00
7) Phenol-d6	6.61	99	300299	77.24	ng	0.00
23) Nitrobenzene-d5	7.53	82	270596	75.10	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	77480	72.94	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	477181	88.78	ng	0.00
78) Terphenyl-d14	13.08	244	555533	77.85	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.77	88	59137	36.947	ng	98
3) Pyridine	3.56	79	164211	37.829	ng	99
4) n-Nitrosodimethylamine	3.52	42	66339	35.982	ng	90
6) Aniline	6.62	93	199283	37.787	ng	# 84
8) 2-Chlorophenol	6.75	128	132294	38.742	ng	97
9) Benzaldehyde	6.51	77	101219	37.900	ng	99
10) Phenol	6.62	94	166051	37.424	ng	79
11) bis(2-Chloroethyl)ether	6.70	93	138408	37.786	ng	99
12) 1,3-Dichlorobenzene	6.90	146	155936	38.990	ng	98
13) 1,4-Dichlorobenzene	6.98	146	156846	38.791	ng	99
14) 1,2-Dichlorobenzene	7.13	146	146618	39.566	ng	98
15) Benzyl Alcohol	7.10	79	112474	36.028	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	148077	30.811	ng	80
17) 2-Methylphenol	7.22	107	108460	37.116	ng	96
18) Hexachloroethane	7.47	117	29887	21.019	ng	# 86
19) n-Nitroso-di-n-propylamine	7.37	70	92376	36.045	ng	93
20) 3+4-Methylphenols	7.37	107	130843	40.278	ng	# 64
22) Acetophenone	7.37	105	179459	40.058	ng	# 95
24) Nitrobenzene	7.55	77	136917	37.219	ng	100
25) Isophorone	7.78	82	230170	36.251	ng	97
26) 2-Nitrophenol	7.86	139	42417	24.425	ng	98
27) 2,4-Dimethylphenol	7.90	122	103504	38.560	ng	99
28) bis(2-Chloroethoxy)methane	7.98	93	161871	37.970	ng	98
29) 2,4-Dichlorophenol	8.11	162	105957	37.705	ng	95
30) 1,2,4-Trichlorobenzene	8.18	180	125373	40.498	ng	99
31) Naphthalene	8.27	128	358331	38.275	ng	99
32) Benzoic acid	8.02	122	14977	12.486	ng	96
33) 4-Chloroaniline	8.32	127	147526	37.555	ng	99
34) Hexachlorobutadiene	8.38	225	84694	41.986	ng	99
35) Caprolactam	8.68	113	32441	35.414	ng	95
36) 4-Chloro-3-methylphenol	8.80	107	107273	36.266	ng	98
37) 2-Methylnaphthalene	8.96	142	242267	39.041	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	126780	41.074	ng	# 95
42) 2,4,6-Trichlorophenol	9.24	196	71537	34.867	ng	92

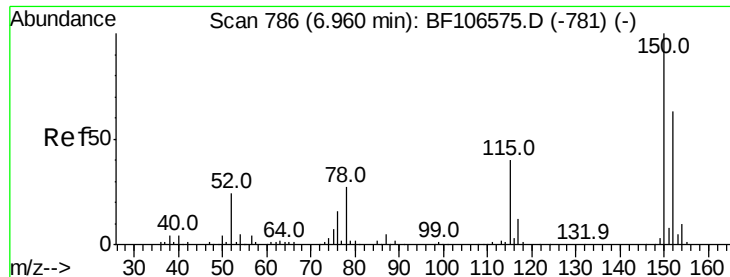
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
 Data File : BF106693.D
 Acq On : 22 Jun 2018 7:51
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 22 09:02:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 19 14:32:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.24	196	71537	33.414	nq	88
45) 1,1'-Biphenyl	9.42	154	297247	40.694	nq	97
46) 2-Chloronaphthalene	9.45	162	209275	36.398	nq	94
47) 2-Nitroaniline	9.55	65	72469	37.482	nq	96
48) Acenaphthylene	9.87	152	330114	36.366	nq	99
49) Dimethylphthalate	9.72	163	261187	37.995	nq	99
50) 2,6-Dinitrotoluene	9.78	165	46220	31.753	nq	95
51) Acenaphthene	10.04	154	206424	36.112	nq	97
52) 3-Nitroaniline	9.96	138	68088	40.649	nq	98
53) 2,4-Dinitrophenol	10.07	184	359	5.796	nq #	5
54) Dibenzofuran	10.21	168	301416	38.509	nq	95
55) 4-Nitrophenol	10.14	139	40885	34.968	nq	98
56) 2,4-Dinitrotoluene	10.19	165	52932	27.859	nq #	93
57) Fluorene	10.55	166	234562	37.765	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	62228	36.565	nq #	78
59) Diethylphthalate	10.41	149	242497	36.550	nq #	94
60) 4-Chlorophenyl-phenylether	10.54	204	125810	38.713	nq #	85
61) 4-Nitroaniline	10.58	138	69482	41.797	nq	96
62) Azobenzene	10.70	77	207229	31.718	nq	95
64) 4,6-Dinitro-2-methylphenol	10.60	198	2172	2.035	nq	80
65) n-Nitrosodiphenylamine	10.66	169	211737	36.458	nq	99
66) 4-Bromophenyl-phenylether	11.04	248	80487	39.058	nq #	77
67) Hexachlorobenzene	11.11	284	84438	39.150	nq #	80
68) Atrazine	11.18	200	59758	32.367	nq	96
69) Pentachlorophenol	11.30	266	38523	35.797	nq	99
70) Phenanthrene	11.52	178	332703	39.950	nq	99
71) Anthracene	11.58	178	343892	40.455	nq	99
72) Carbazole	11.73	167	313879	39.439	nq	98
73) Di-n-butylphthalate	12.04	149	356403	38.013	nq	99
74) Fluoranthene	12.72	202	388468	42.320	nq	95
76) Benzidine	12.84	184	211610	42.985	nq	98
77) Pyrene	12.95	202	402688	35.327	nq	100
79) Butylbenzylphthalate	13.55	149	155824	33.249	nq #	95
80) Benzo(a)anthracene	14.15	228	391458	37.157	nq	99
81) 3,3'-Dichlorobenzidine	14.11	252	152008	41.054	nq #	96
82) Chrysene	14.19	228	358211	36.959	nq	99
83) Bis(2-ethylhexyl)phthalate	14.11	149	212811	35.518	nq	97
84) Di-n-octyl phthalate	14.76	149	380757	38.985	nq	96
85) Indeno(1,2,3-cd)pyrene	17.29	276	273034	33.195	nq #	90
87) Benzo(b)fluoranthene	15.25	252	319416	39.051	nq #	97
88) Benzo(k)fluoranthene	15.29	252	293104	37.629	nq #	95
89) Benzo(a)pyrene	15.65	252	270034	37.136	nq #	97
90) Dibenzo(a,h)anthracene	17.31	278	234947	38.126	nq #	94
91) Benzo(g,h,i)perylene	17.77	276	221503	36.774	nq #	91

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

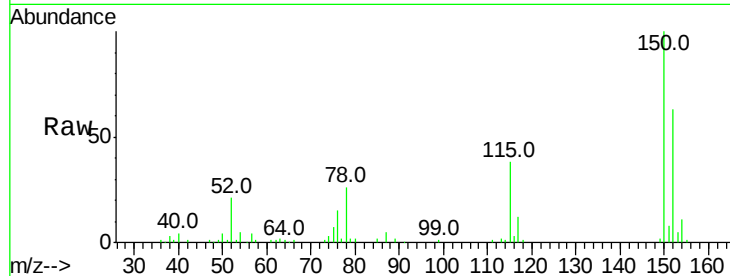


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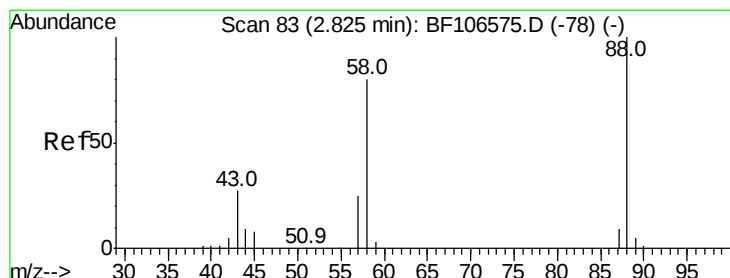
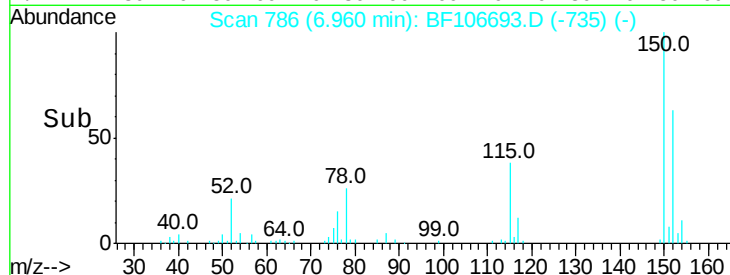
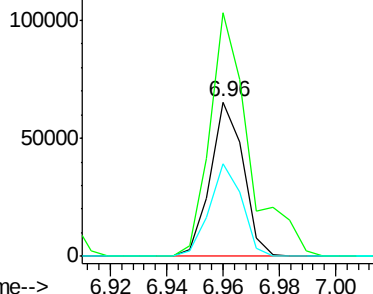
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106693.D
Acq: 22 Jun 2018 7:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 52718
Ion Ratio Lower Upper
152 100
150 158.0 124.6 186.8
115 60.5 50.1 75.1



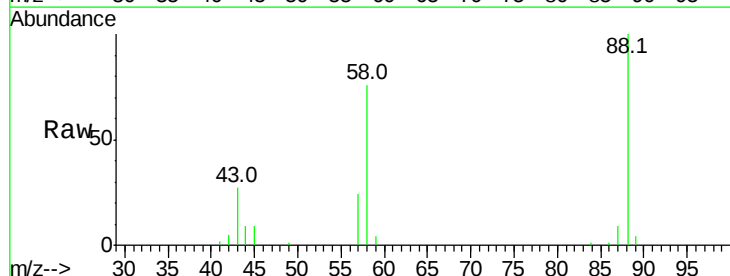
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



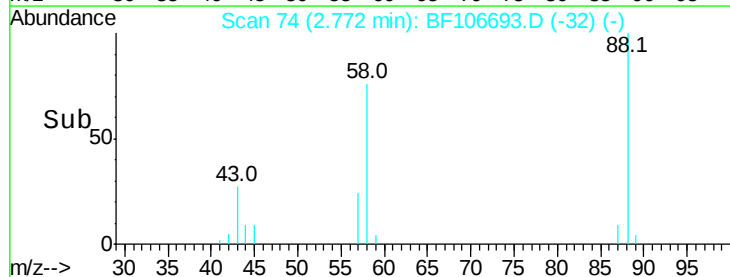
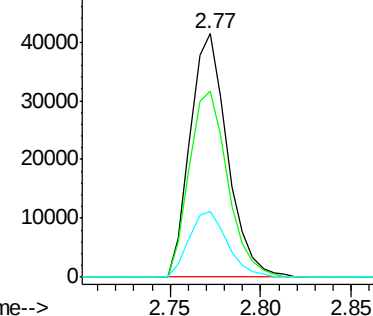
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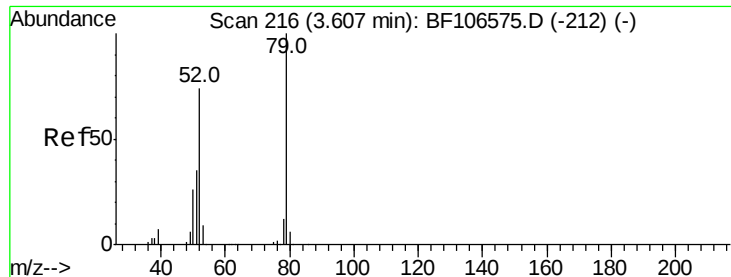
1,4-Dioxane
Concen: 36.947 ng
RT: 2.77 min Scan# 74
Delta R.T. -0.05 min
Lab File: BF106693.D
Acq: 22 Jun 2018 7:51

Tgt Ion: 88 Resp: 59137
Ion Ratio Lower Upper
88 100
58 78.4 62.6 93.8
43 27.8 24.6 37.0



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





#3

Pvridine

Concen: 37.829 ng

RT: 3.56 min Scan# 208

Delta R.T. -0.05 min

Lab File: BF106693.D

Acq: 22 Jun 2018 7:51

Instrument :

BNA_F

ClientSampleId :

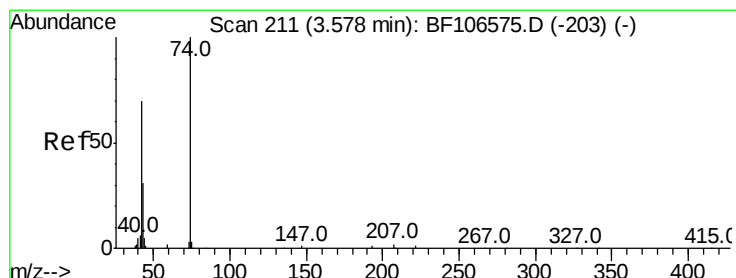
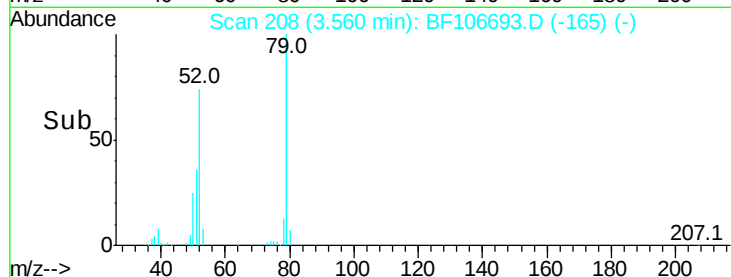
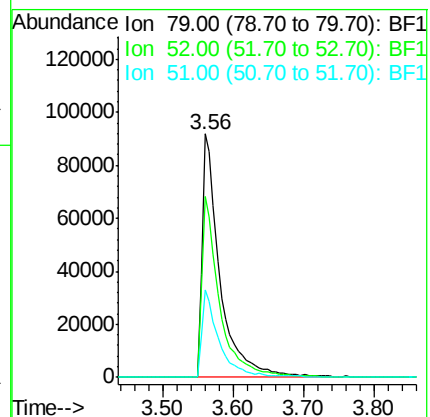
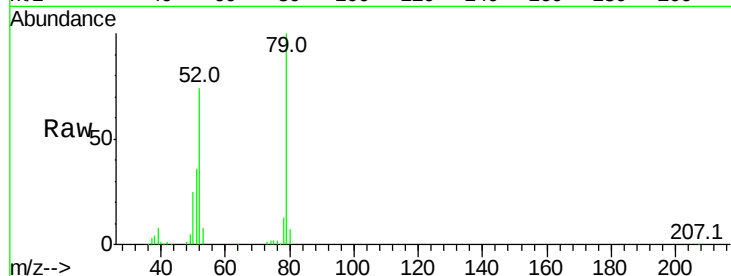
Tot Ion: 79 Resp: 164211

Ion Ratio Lower Upper

79 100

52 74.2 59.8 89.6

51 35.8 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 35.982 ng

RT: 3.52 min Scan# 202

Delta R.T. -0.05 min

Lab File: BF106693.D

Acq: 22 Jun 2018 7:51

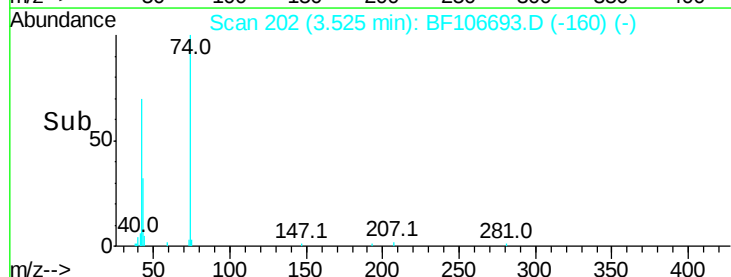
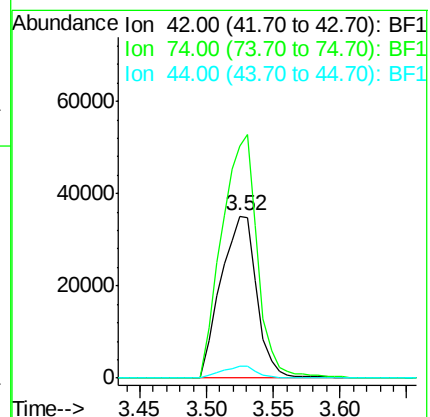
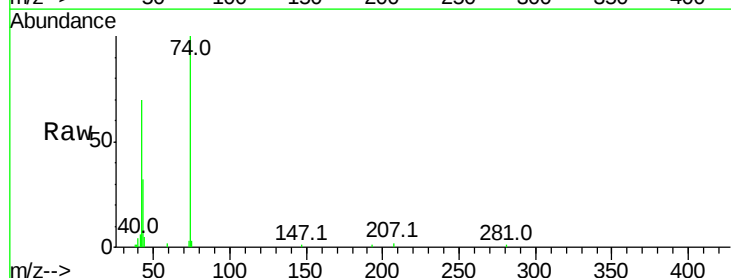
Tgt Ion: 42 Resp: 66339

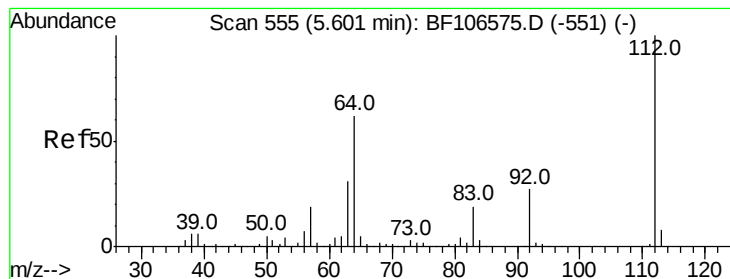
Ion Ratio Lower Upper

42 100

74 143.2 104.9 157.3

44 7.4 6.9 10.3





#5

2-Fluorophenol

Concen: 79.055 ng

RT: 5.60 min Scan# 554

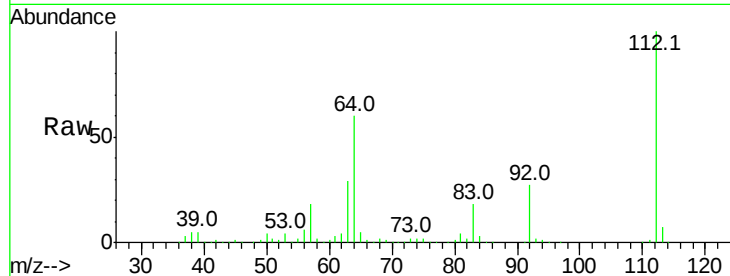
Delta R.T. -0.01 min

Lab File: BF106693.D

Acq: 22 Jun 2018 7:51

Instrument :
BNA_F
ClientSampleId :

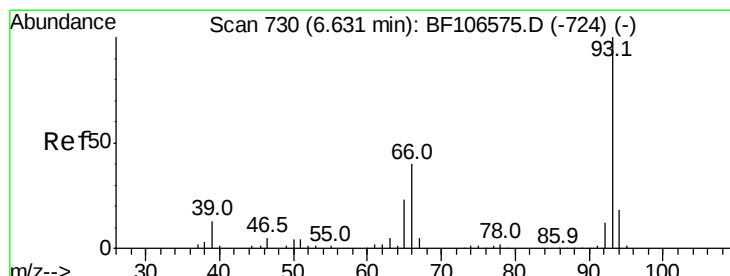
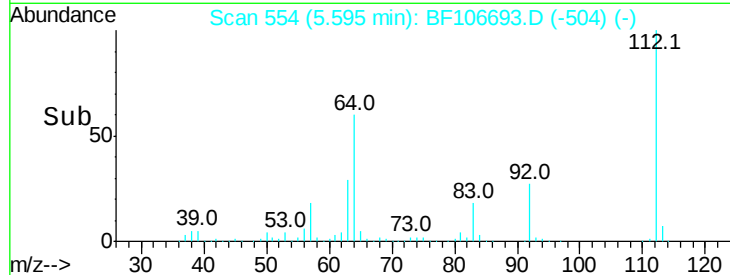
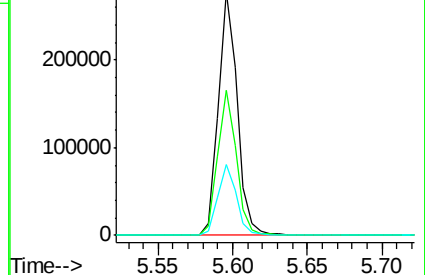
Tot Ion:	112	Resp:	246121
Ion	Ratio	Lower	Upper
112	100		
64	59.6	47.9	71.9
63	28.8	23.7	35.5



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: 37.787 ng

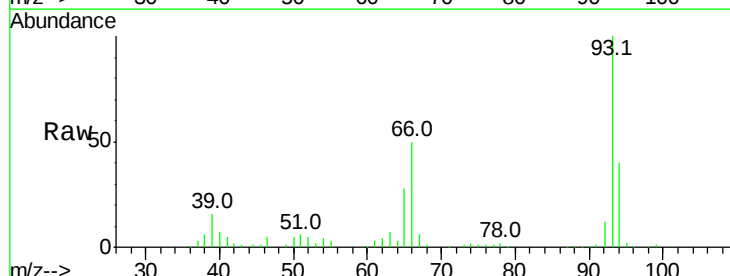
RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF106693.D

Acq: 22 Jun 2018 7:51

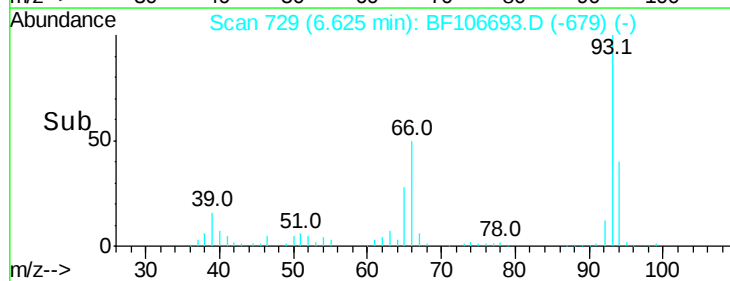
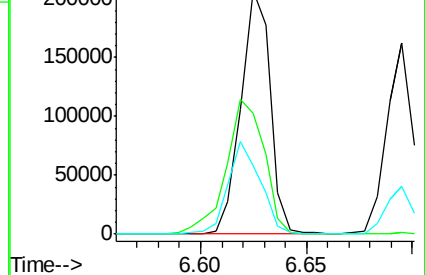
Tgt Ion:	93	Resp:	199283
Ion	Ratio	Lower	Upper
93	100		
66	49.8	32.2	48.2#
65	27.8	16.4	24.6#

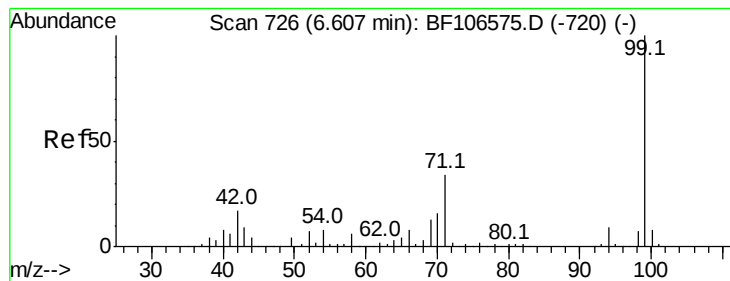


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 77.239 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF106693.D

Acq: 22 Jun 2018 7:51

Instrument :

BNA_F

ClientSampleId :

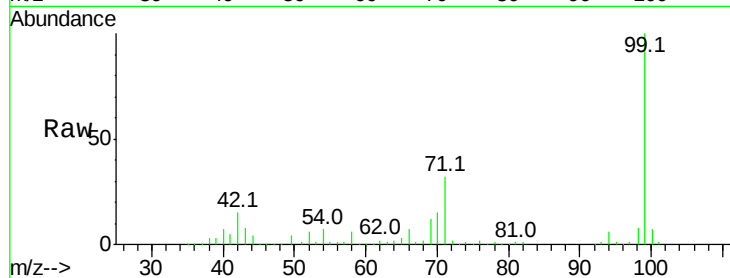
Tot Ion: 99 Resp: 300299

Ion Ratio Lower Upper

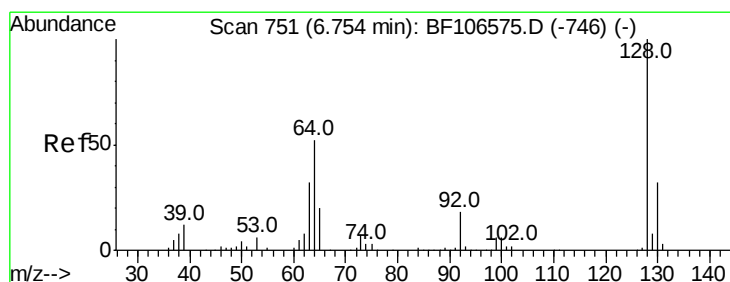
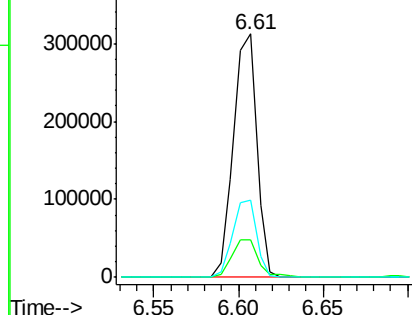
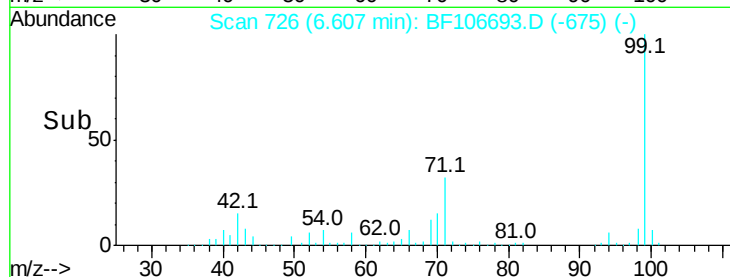
99 100

42 15.3 14.5 21.7

71 31.6 25.4 38.0



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



#8

2-Chlorophenol

Concen: 38.742 ng

RT: 6.75 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF106693.D

Acq: 22 Jun 2018 7:51

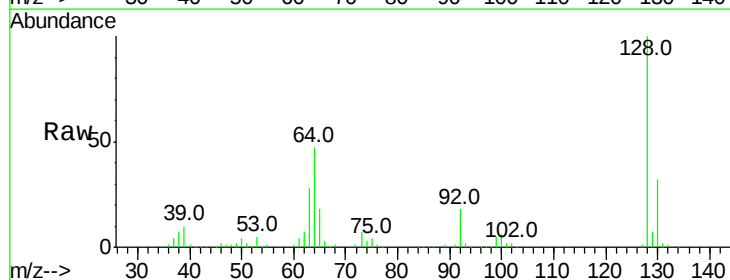
Tgt Ion: 128 Resp: 132294

Ion Ratio Lower Upper

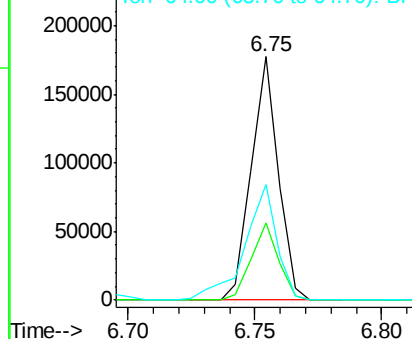
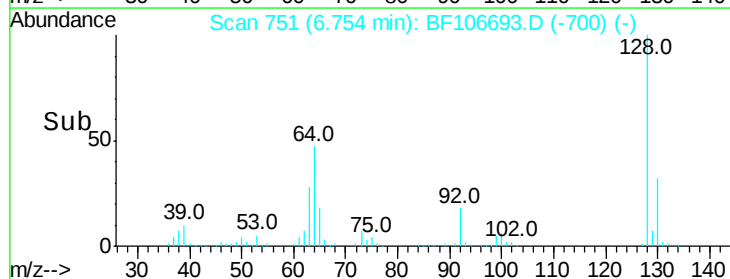
128 100

130 31.9 13.0 53.0

64 47.3 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

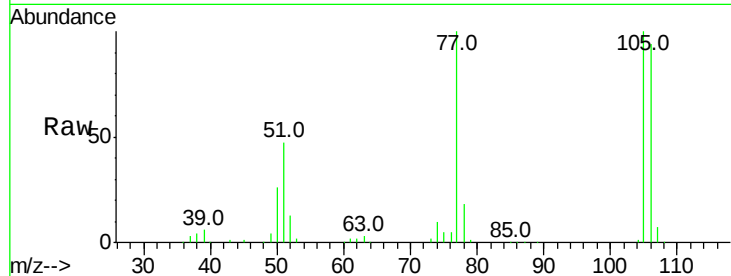




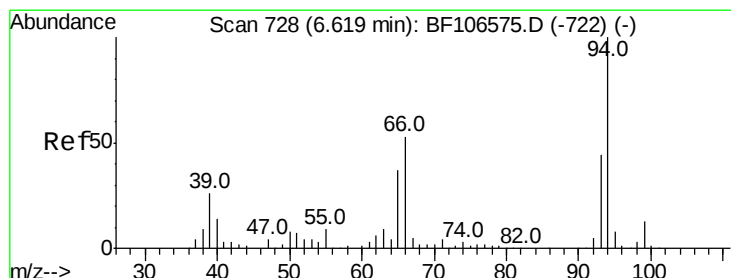
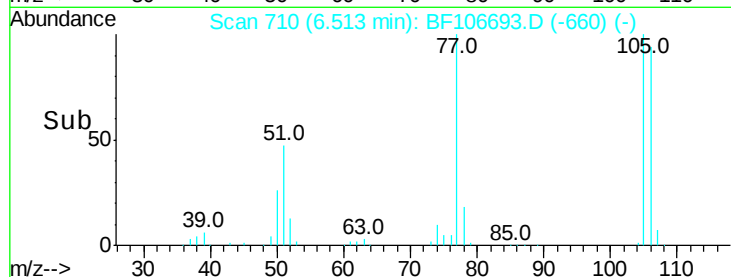
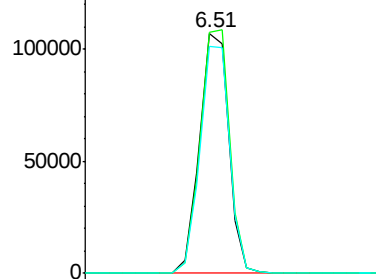
#9
Benzaldehyde
Concen: 37.900 ng
RT: 6.51 min Scan# 710
Delta R.T. -0.01 min
Lab File: BF106693.D
Acq: 22 Jun 2018 7:51

Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 101219
Ion Ratio Lower Upper
77 100
105 100.2 81.1 121.1
106 94.2 74.5 114.5

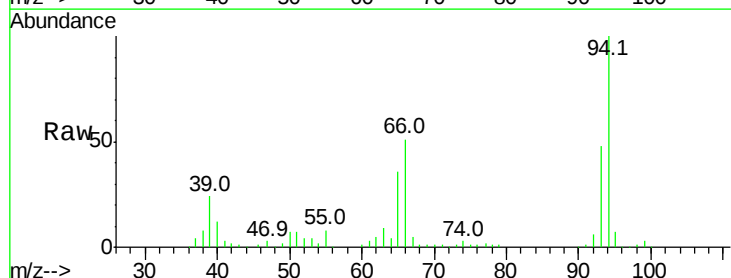


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

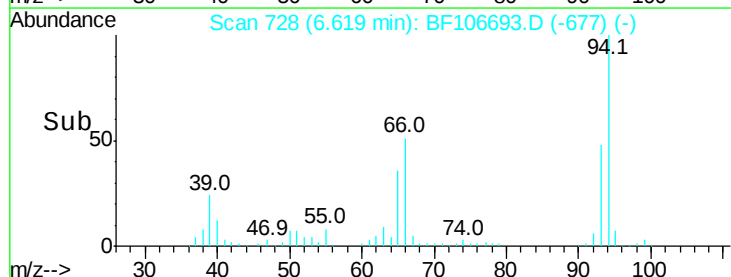
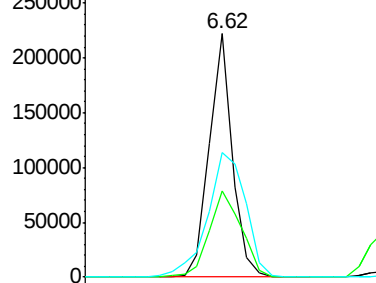


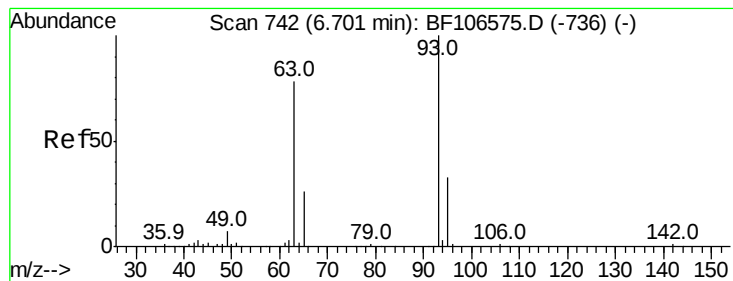
#10
Phenol
Concen: 37.424 ng
RT: 6.62 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF106693.D
Acq: 22 Jun 2018 7:51

Tgt Ion: 94 Resp: 166051
Ion Ratio Lower Upper
94 100
65 35.5 7.9 47.9
66 51.4 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: 37.786 ng

RT: 6.70 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF106693.D

Acq: 22 Jun 2018 7:51

Instrument :

BNA_F

ClientSampleId :

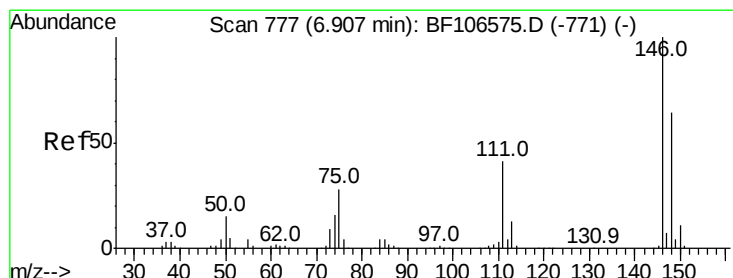
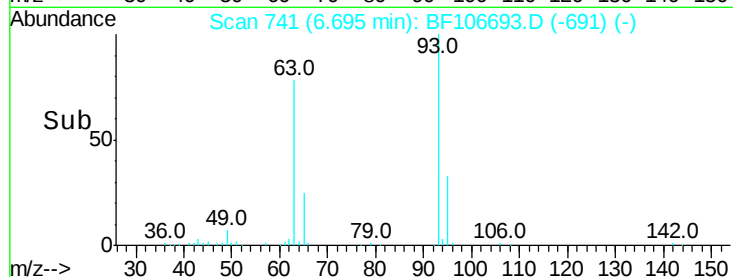
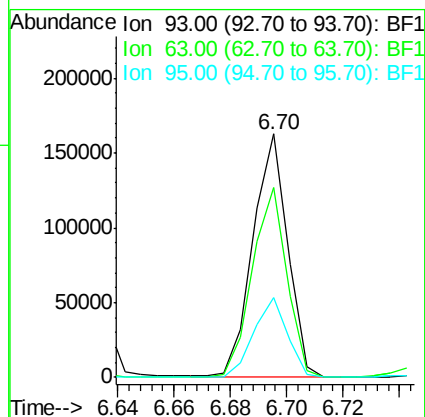
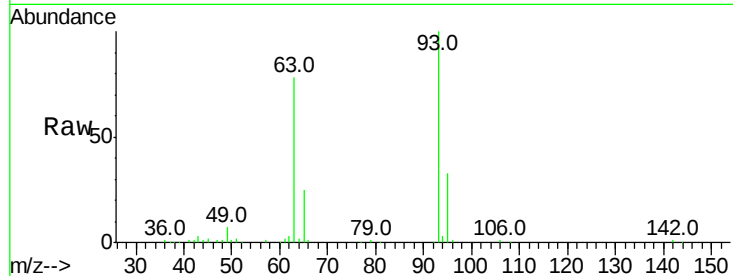
Tot Ion: 93 Resp: 138408

Ion Ratio Lower Upper

93 100

63 78.0 58.6 98.6

95 32.5 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 38.990 ng

RT: 6.90 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF106693.D

Acq: 22 Jun 2018 7:51

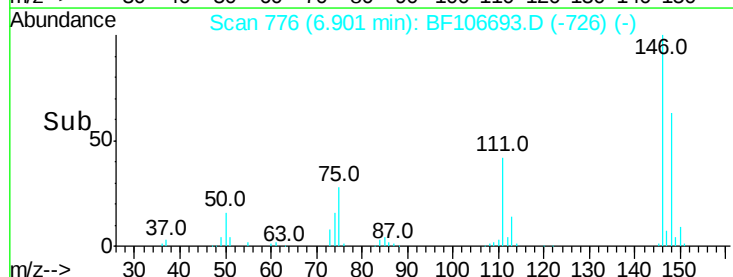
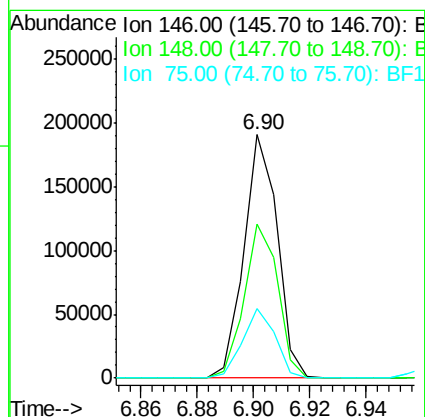
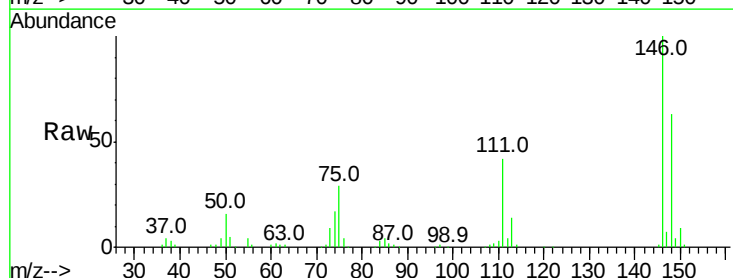
Tgt Ion: 146 Resp: 155936

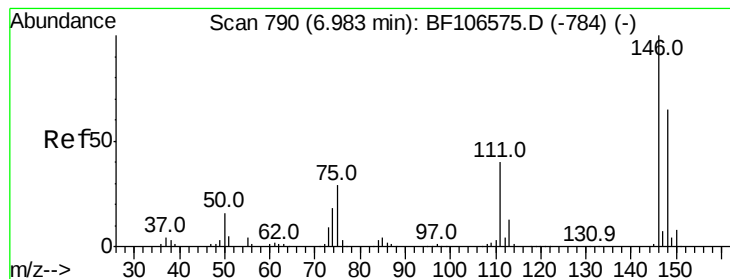
Ion Ratio Lower Upper

146 100

148 63.4 51.8 77.8

75 28.5 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 38.791 ng

RT: 6.98 min Scan# 789

Delta R.T. -0.01 min

Lab File: BF106693.D

Acq: 22 Jun 2018 7:51

Instrument :

BNA_F

ClientSampled :

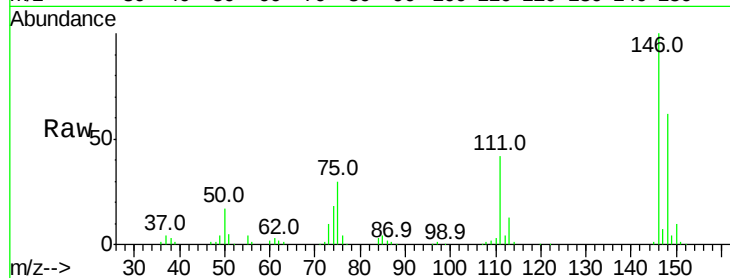
Tot Ion:146 Resp: 156846

Ion Ratio Lower Upper

146 100

148 62.4 50.8 76.2

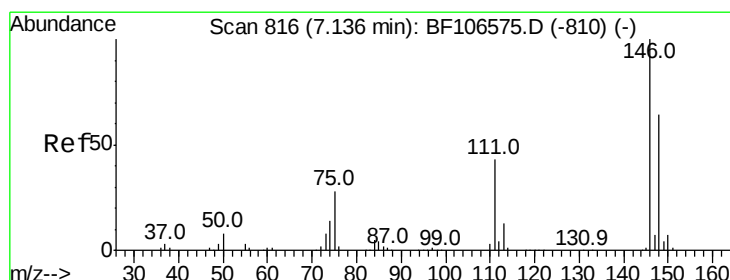
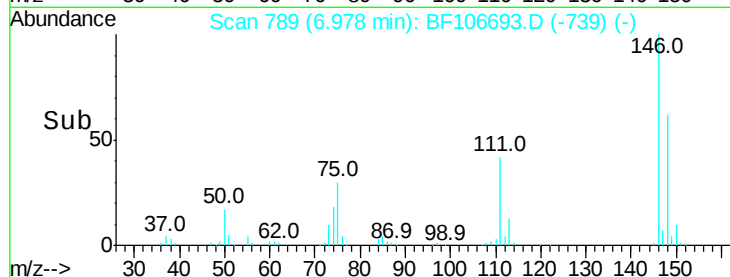
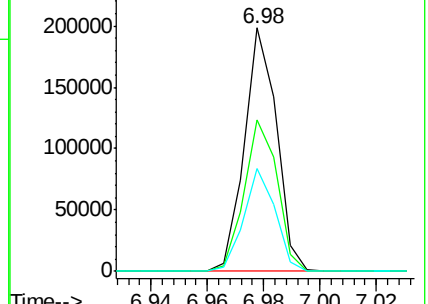
111 42.3 34.2 51.2



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: 39.566 ng

RT: 7.13 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF106693.D

Acq: 22 Jun 2018 7:51

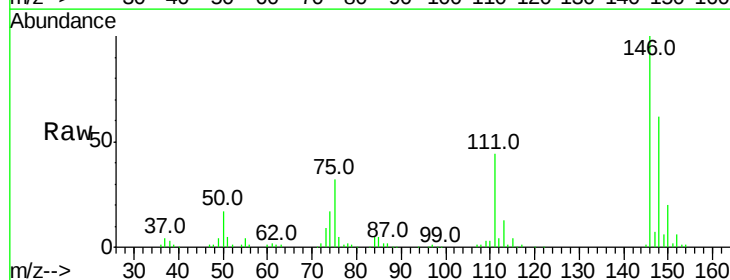
Tgt Ion:146 Resp: 146618

Ion Ratio Lower Upper

146 100

148 61.9 50.6 75.8

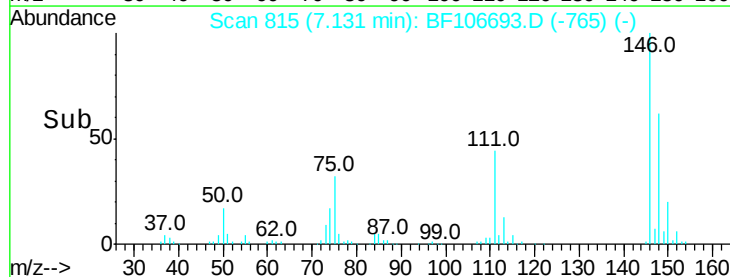
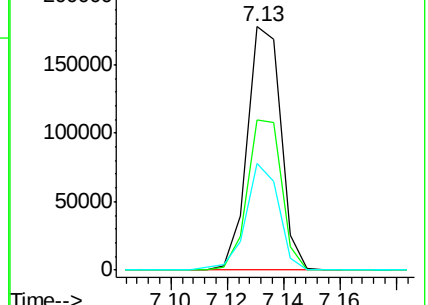
111 43.6 36.0 54.0

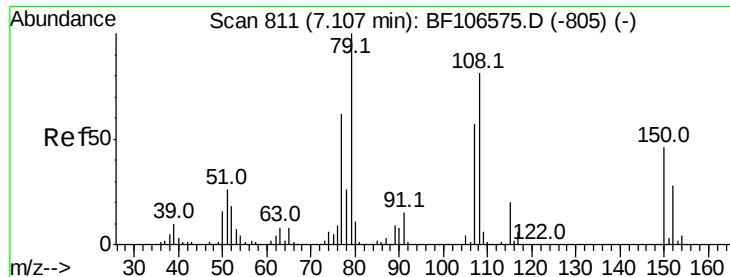


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

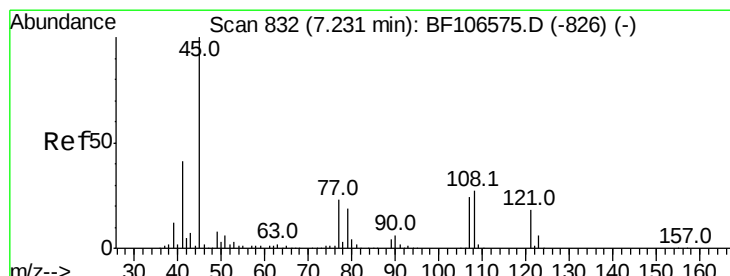
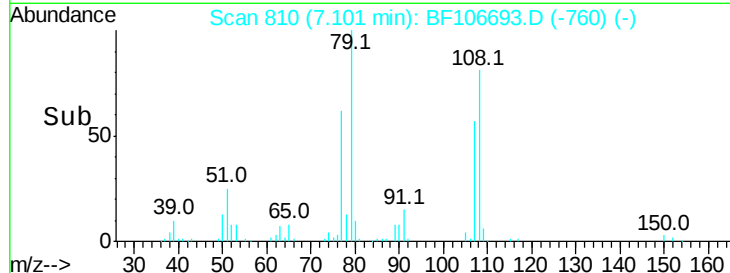
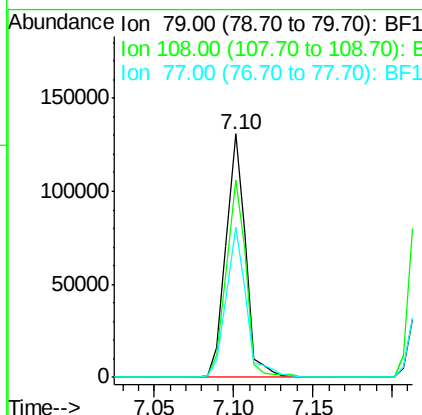
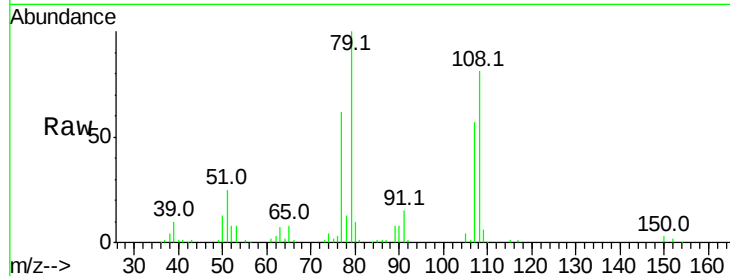




#15
Benzyl Alcohol
Concen: 36.028 ng
RT: 7.10 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF106693.D
Acq: 22 Jun 2018 7:51

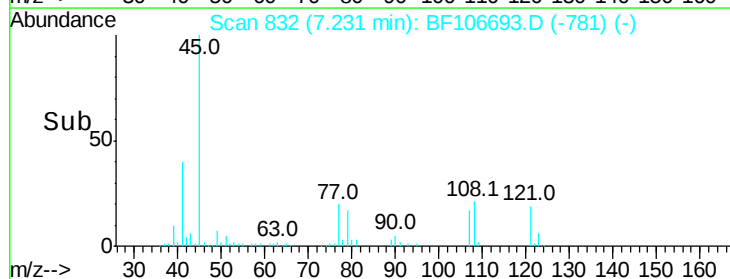
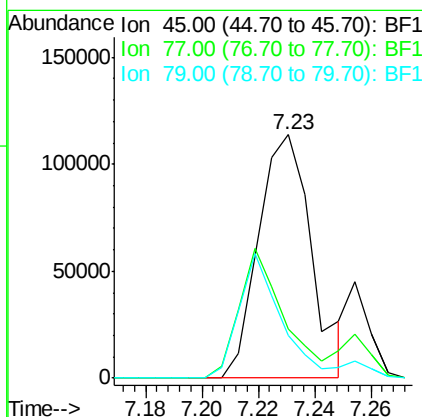
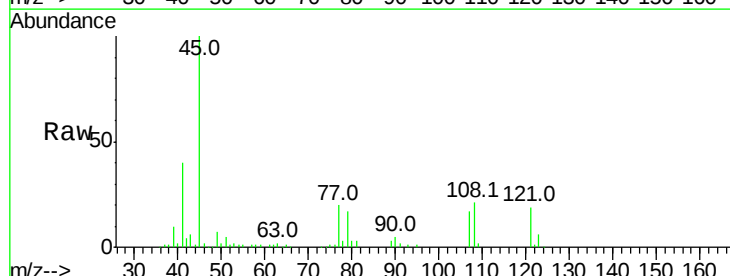
Instrument :
BNA_F
ClientSampleId :

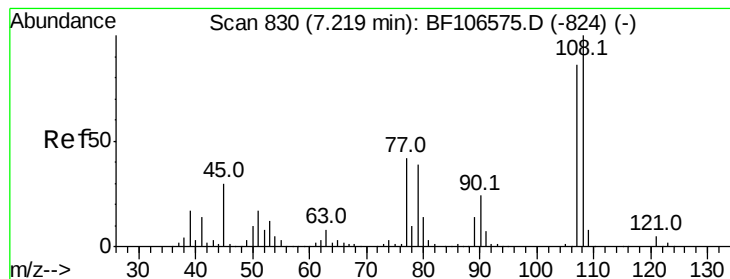
Tot Ion: 79 Resp: 112474
Ion Ratio Lower Upper
79 100
108 81.0 65.1 97.7
77 61.6 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 30.811 ng
RT: 7.23 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF106693.D
Acq: 22 Jun 2018 7:51

Tgt Ion: 45 Resp: 148077
Ion Ratio Lower Upper
45 100
77 20.2 0.0 32.9
79 17.3 0.0 29.6





#17

2-Methylphenol

Concen: 37.116 ng

RT: 7.22 min Scan# 830

Delta R.T. 0.00 min

Lab File: BF106693.D

Acq: 22 Jun 2018 7:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 108460

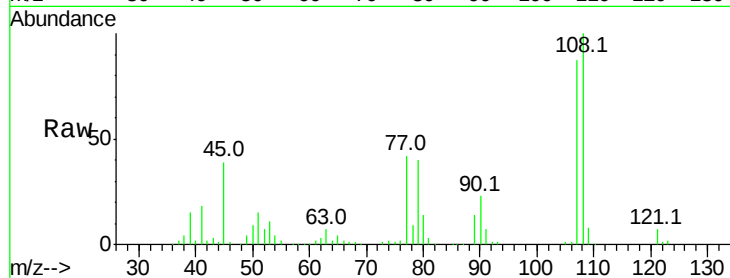
Ion Ratio Lower Upper

107 100

108 115.3 91.7 137.5

77 48.3 33.8 50.8

79 46.5 33.8 50.8

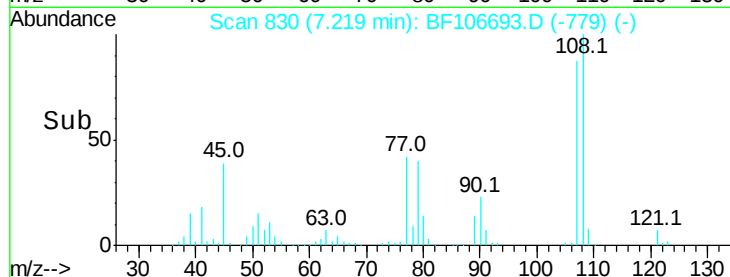


Abundance Ion 107.00 (106.70 to 107.70): E

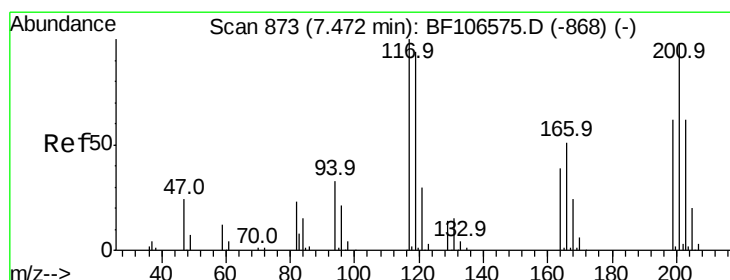
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



Time-->



#18

Hexachloroethane

Concen: 21.019 ng

RT: 7.47 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF106693.D

Acq: 22 Jun 2018 7:51

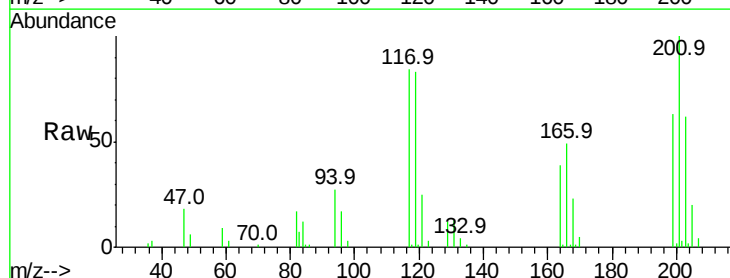
Tgt Ion:117 Resp: 29887

Ion Ratio Lower Upper

117 100

119 98.0 75.8 113.8

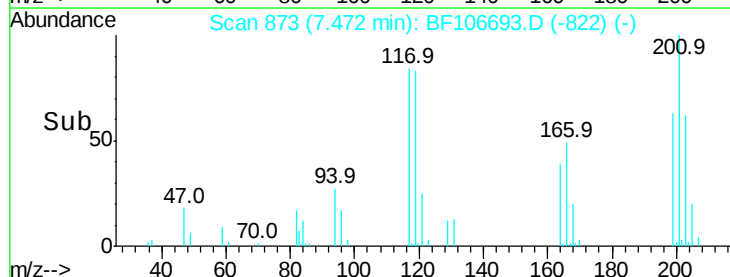
201 118.7 75.7 113.5#



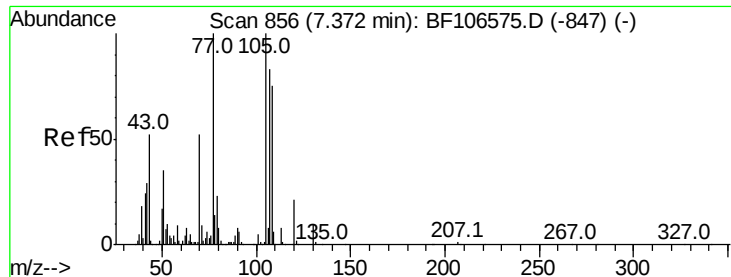
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



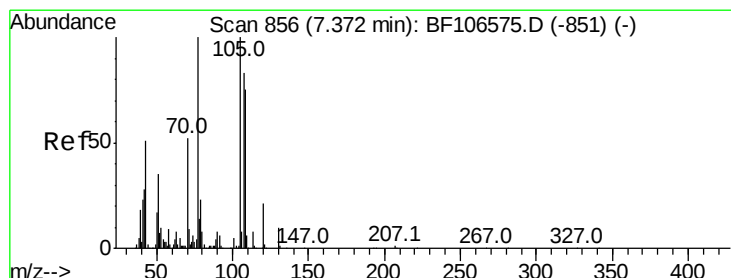
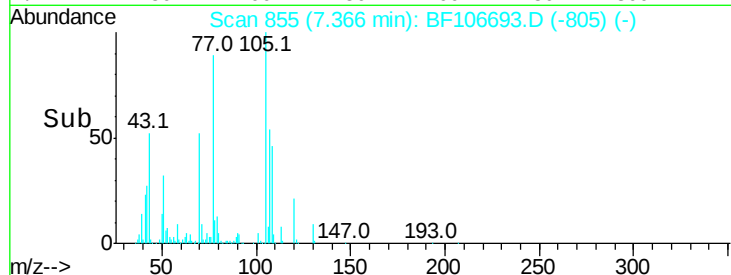
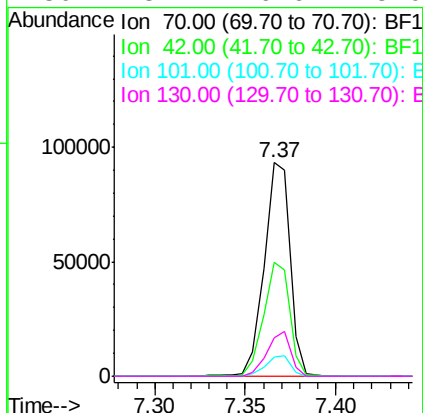
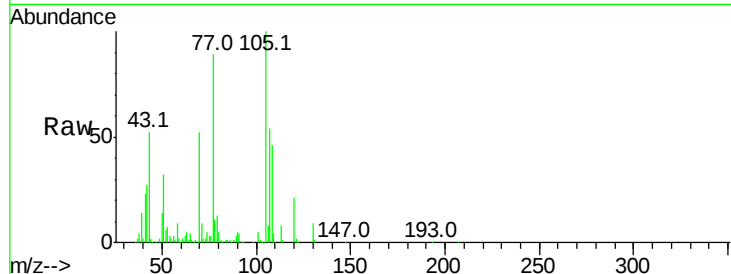
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 36.045 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF106693.D
Acq: 22 Jun 2018 7:51

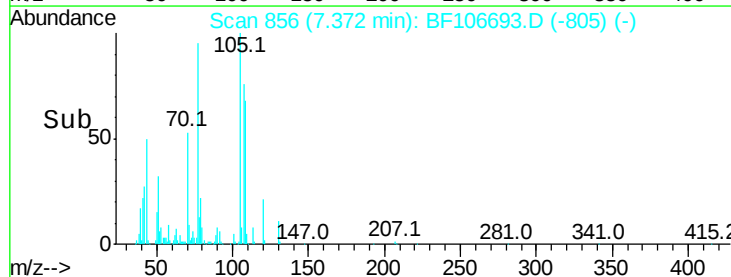
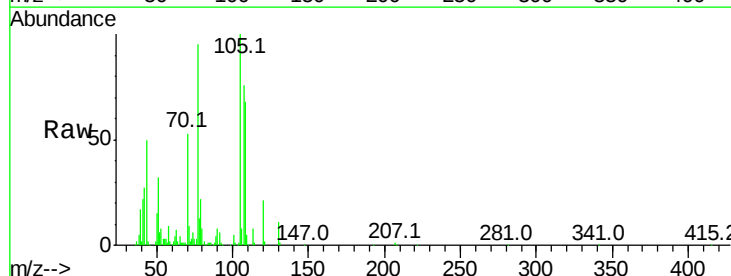
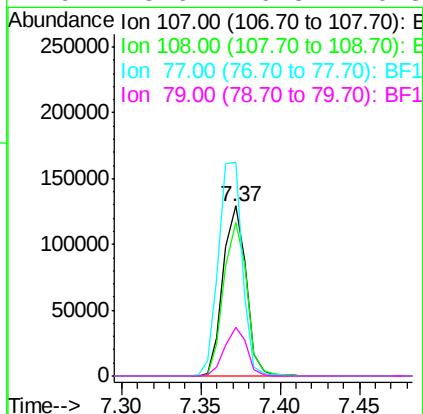
Instrument :
BNA_F
ClientSampleId :

Tot Ion	70	Resp	92376
Ion	Ratio	Lower	Upper
70	100		
42	53.3	47.5	71.3
101	9.3	7.4	11.2
130	18.1	16.6	25.0



#20
3+4-Methylphenols
Concen: 40.278 ng
RT: 7.37 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF106693.D
Acq: 22 Jun 2018 7:51

Tgt Ion	107	Resp	130843
Ion	Ratio	Lower	Upper
107	100		
108	90.3	68.2	108.2
77	125.5	26.7	66.7#
79	28.6	6.3	46.3

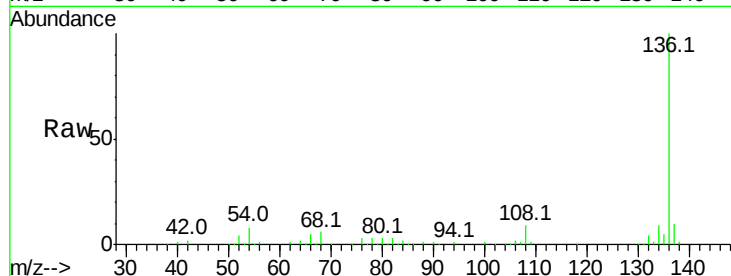




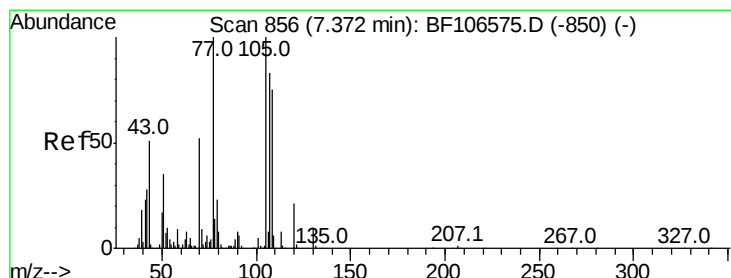
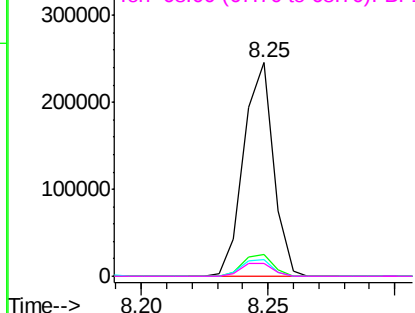
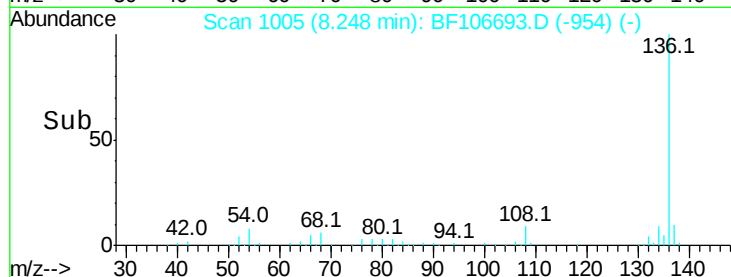
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF106693.D
Acq: 22 Jun 2018 7:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	200244
Ion Ratio	Lower	Upper
136	100	
137	10.4	8.9 13.3
54	7.8	6.6 9.8
68	5.9	5.0 7.4

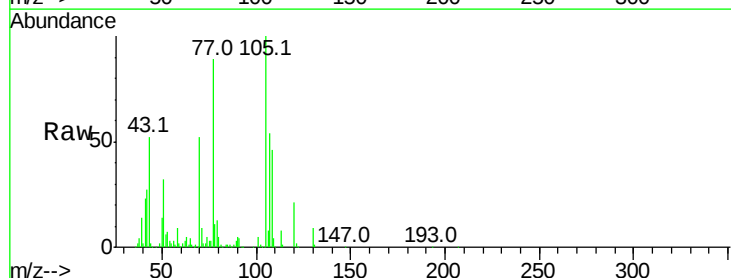


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

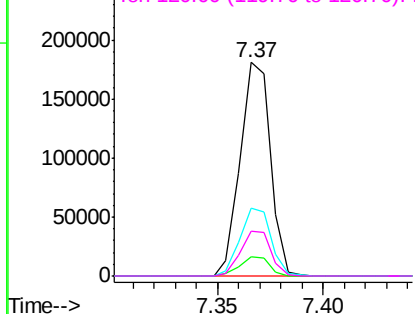
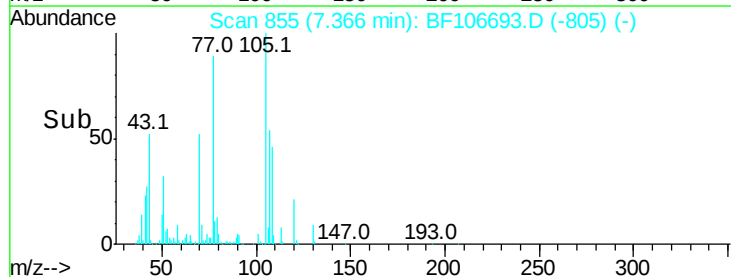


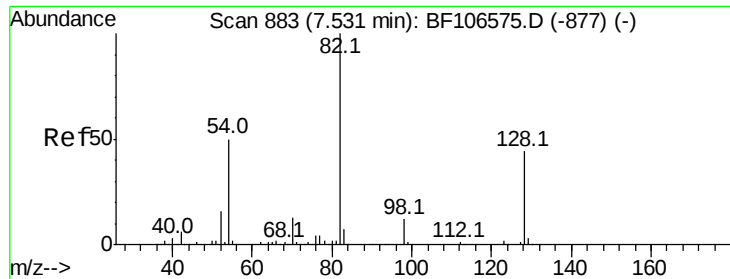
#22
Acetophenone
Concen: 40.058 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF106693.D
Acq: 22 Jun 2018 7:51

Tgt Ion:105	Resp:	179459
Ion Ratio	Lower	Upper
105	100	
71	8.9	4.4 6.6#
51	31.8	22.3 33.5
120	21.0	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

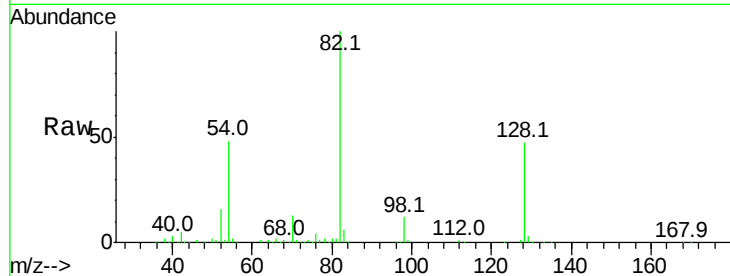




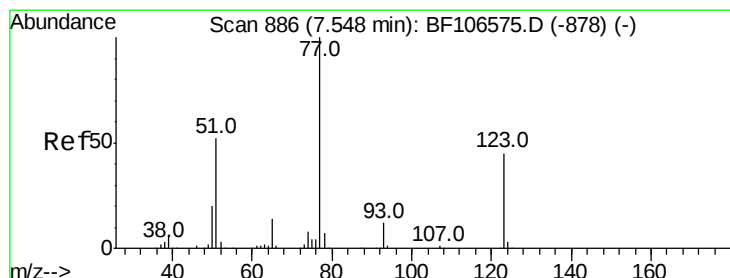
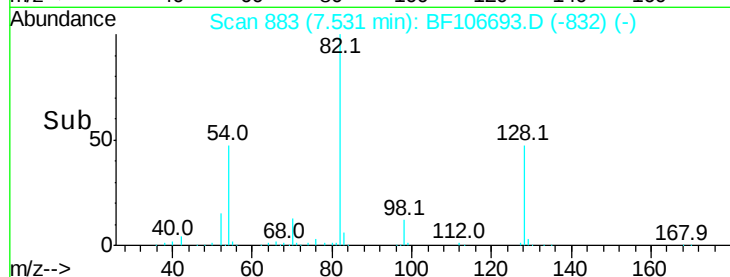
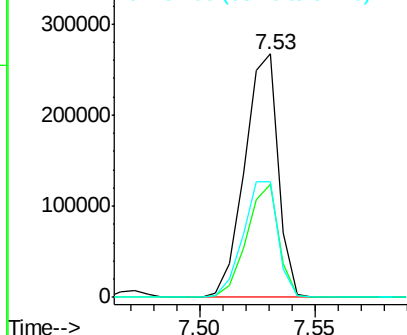
#23
Nitrobenzene-d5
Concen: 75.098 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF106693.D
Acq: 22 Jun 2018 7:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 270596
Ion Ratio Lower Upper
82 100
128 46.5 36.1 54.1
54 47.6 41.4 62.2

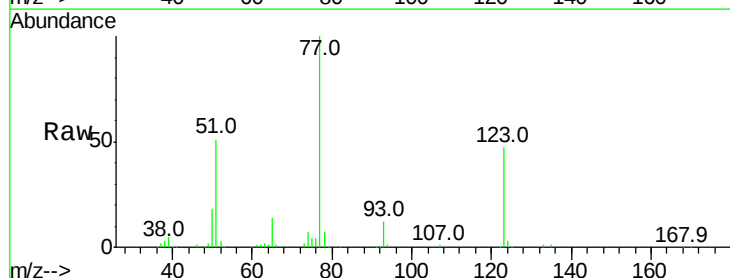


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

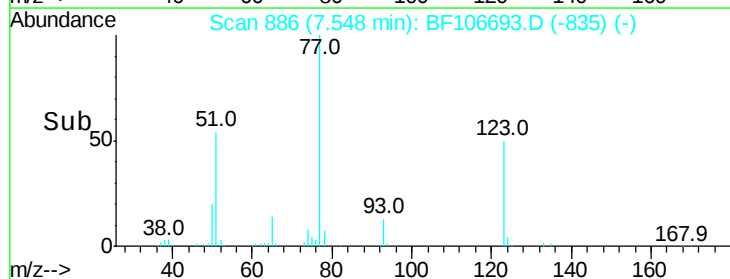
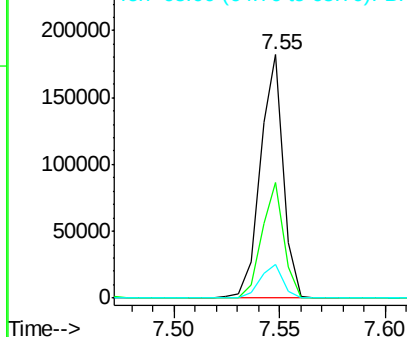


#24
Nitrobenzene
Concen: 37.219 ng
RT: 7.55 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF106693.D
Acq: 22 Jun 2018 7:51

Tgt Ion: 77 Resp: 136917
Ion Ratio Lower Upper
77 100
123 47.4 37.9 56.9
65 13.6 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: 36.251 ng

RT: 7.78 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF106693.D

Acq: 22 Jun 2018 7:51

Instrument :

BNA_F

ClientSampleId :

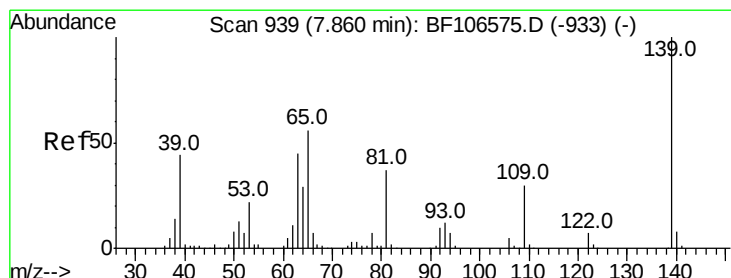
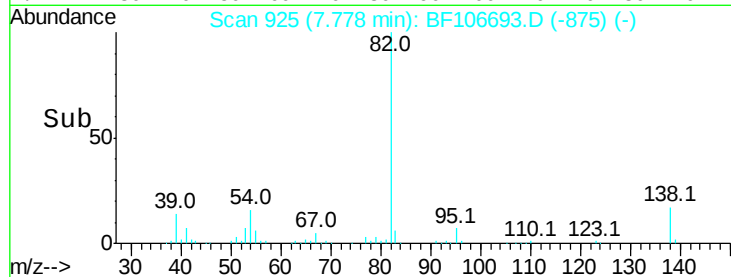
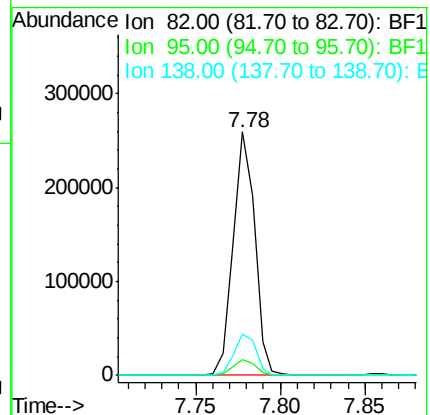
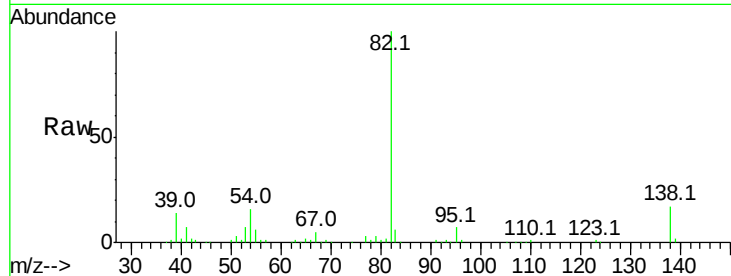
Tot Ion: 82 Resp: 230170

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

138 17.1 14.9 22.3



#26

2-Nitrophenol

Concen: 24.425 ng

RT: 7.86 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF106693.D

Acq: 22 Jun 2018 7:51

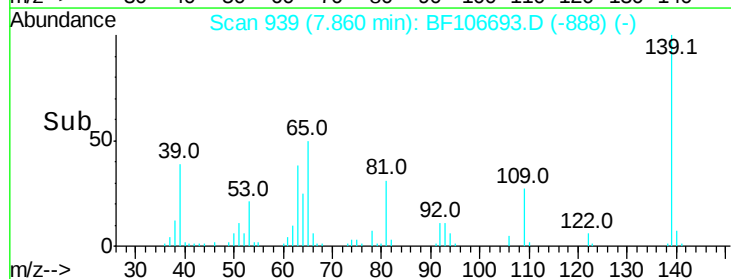
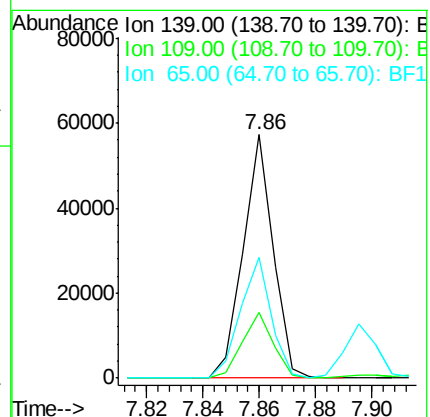
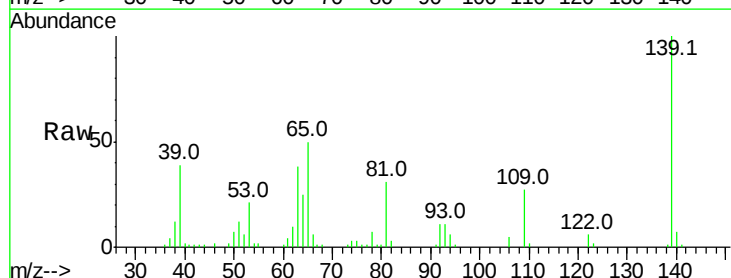
Tgt Ion: 139 Resp: 42417

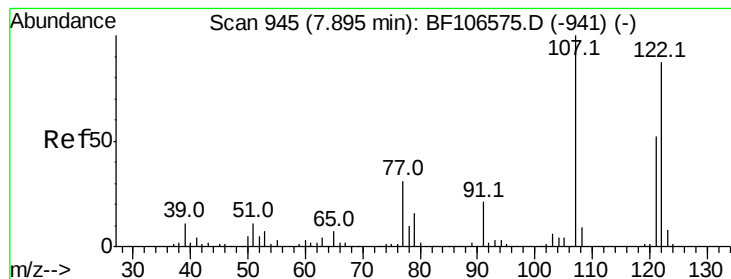
Ion Ratio Lower Upper

139 100

109 27.1 22.7 34.1

65 49.8 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 38.560 ng

RT: 7.90 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF106693.D

Acq: 22 Jun 2018 7:51

Instrument :
BNA_F
ClientSampleId :

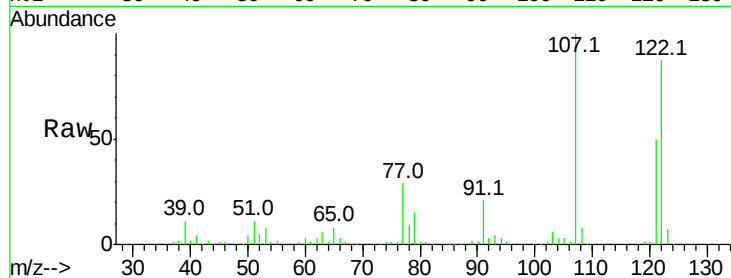
Tot Ion:122 Resp: 103504

Ion Ratio Lower Upper

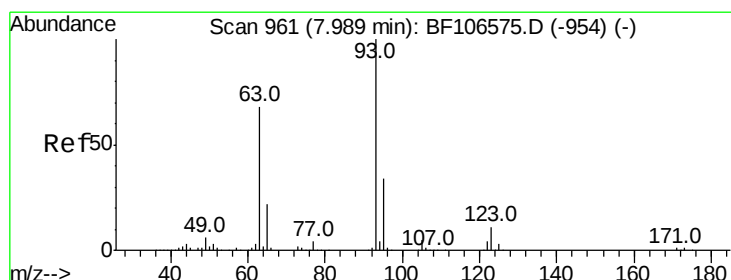
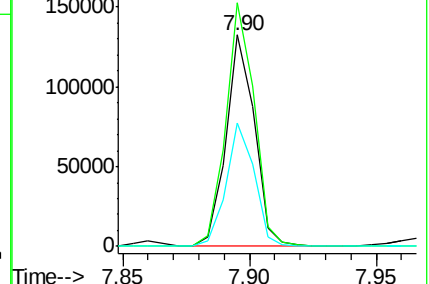
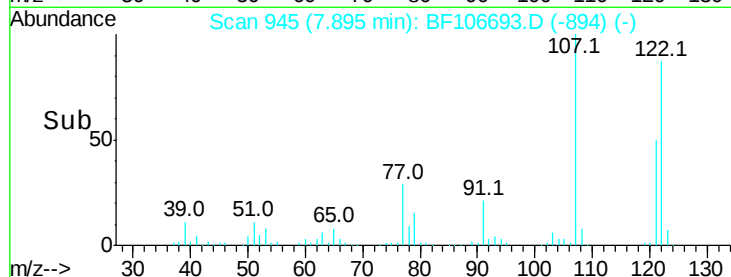
122 100

107 115.2 91.2 136.8

121 58.1 47.2 70.8



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



#28

bis(2-Chloroethoxy)methane

Concen: 37.970 ng

RT: 7.98 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF106693.D

Acq: 22 Jun 2018 7:51

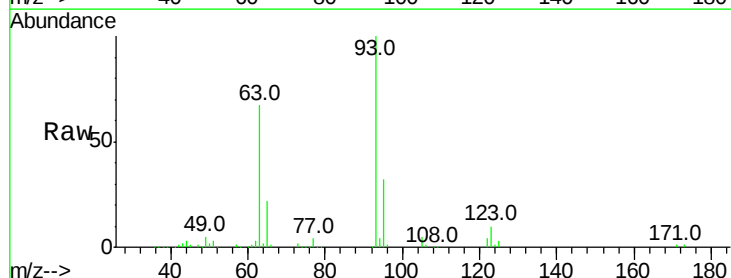
Tgt Ion: 93 Resp: 161871

Ion Ratio Lower Upper

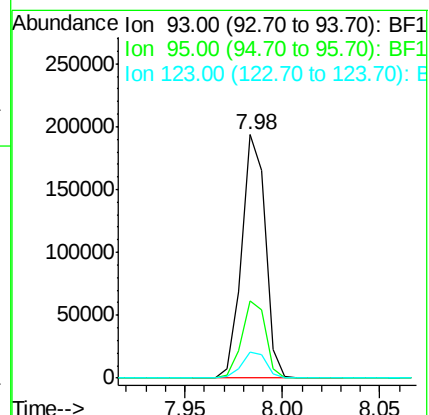
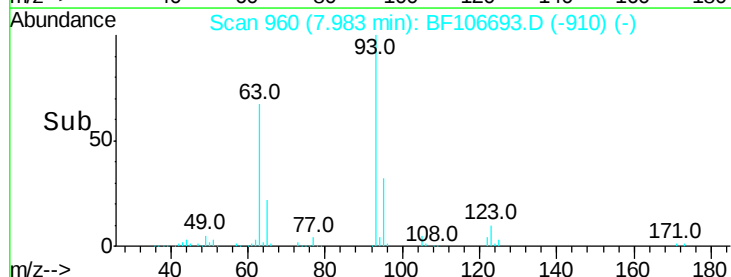
93 100

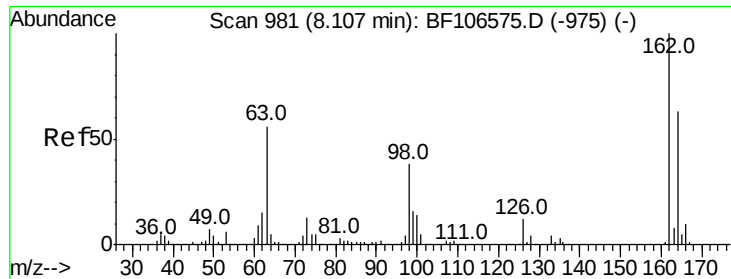
95 32.0 26.3 39.5

123 10.5 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

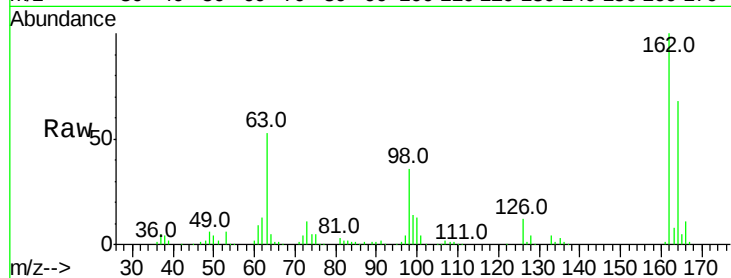




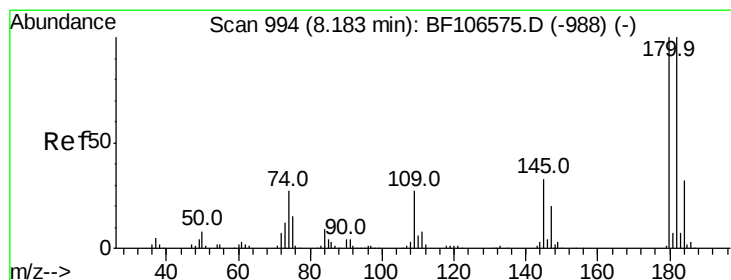
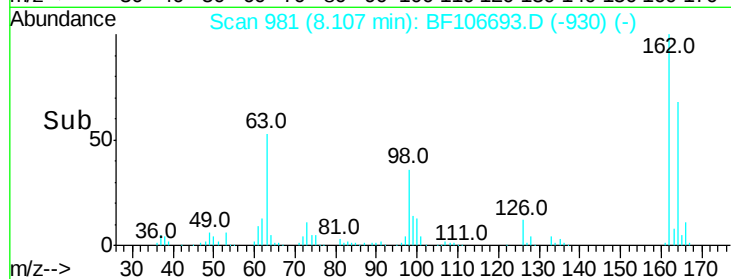
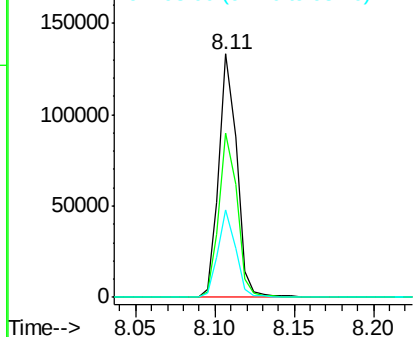
#29
2,4-Dichlorophenol
Concen: 37.705 ng
RT: 8.11 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF106693.D
Acq: 22 Jun 2018 7:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	67.7	42.7	82.7
98	35.7	18.1	58.1

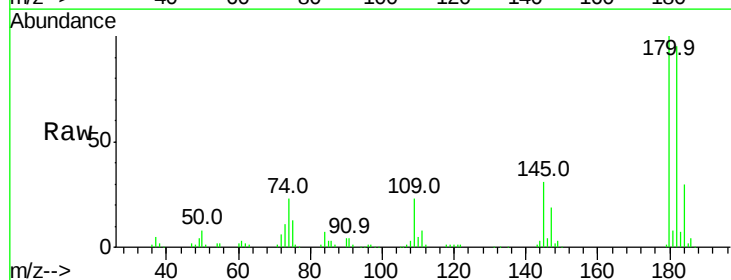


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

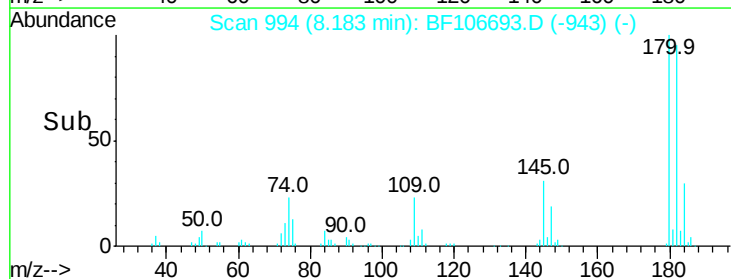
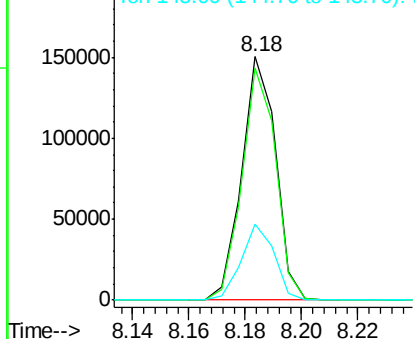


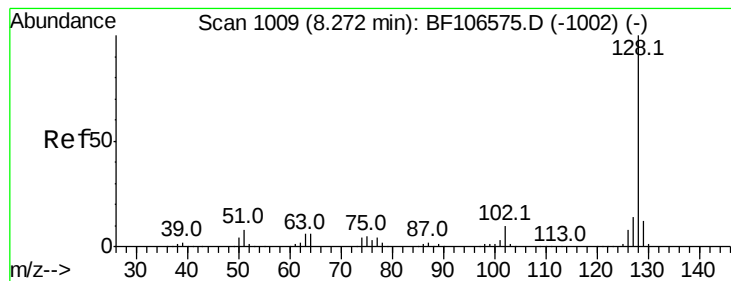
#30
1,2,4-Trichlorobenzene
Concen: 40.498 ng
RT: 8.18 min Scan# 994
Delta R.T. 0.00 min
Lab File: BF106693.D
Acq: 22 Jun 2018 7:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.8	115.2
145	31.1	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: 38.275 ng

RT: 8.27 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF106693.D

Acq: 22 Jun 2018 7:51

Instrument :

BNA_F

ClientSampleId :

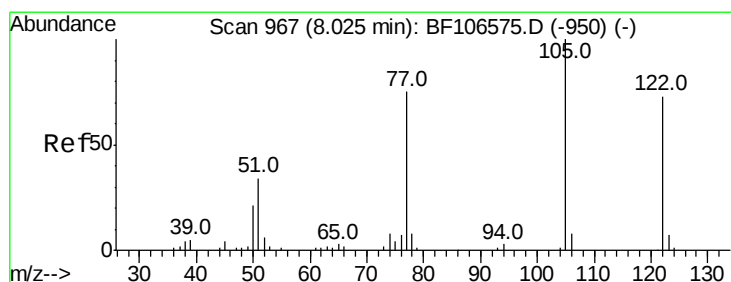
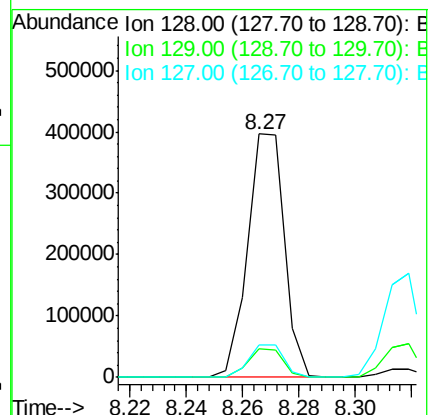
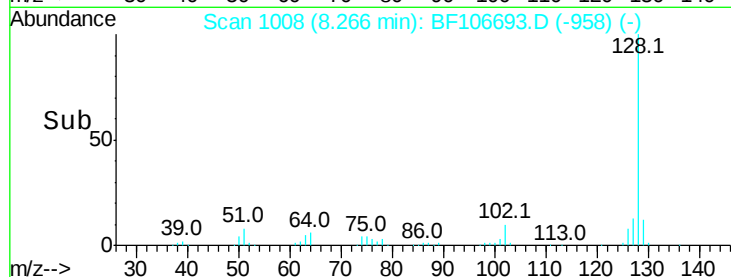
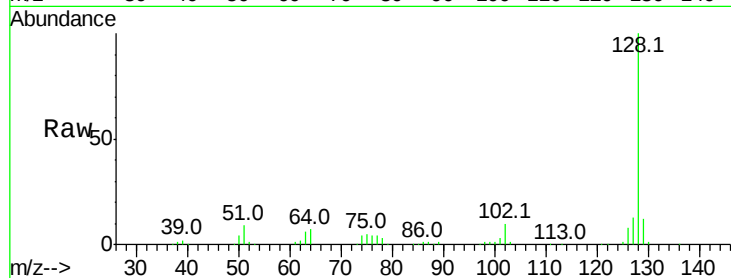
Tot Ion:128 Resp: 358331

Ion Ratio Lower Upper

128 100

129 11.6 8.8 13.2

127 13.3 10.9 16.3



#32

Benzoic acid

Concen: 12.486 ng

RT: 8.02 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF106693.D

Acq: 22 Jun 2018 7:51

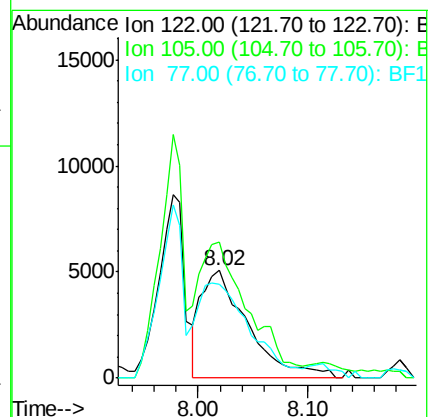
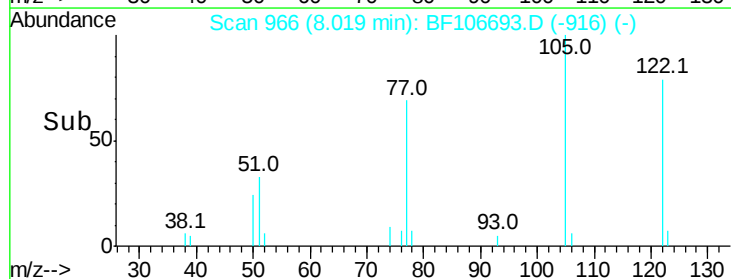
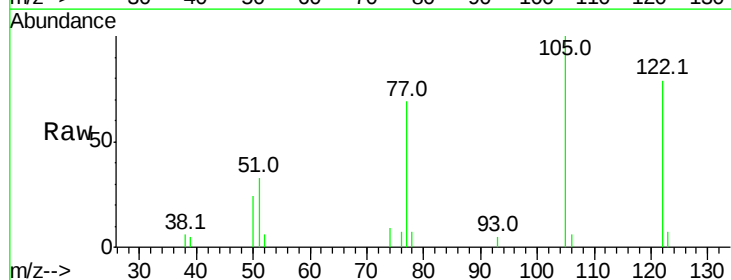
Tgt Ion:122 Resp: 14977

Ion Ratio Lower Upper

122 100

105 127.2 101.1 141.1

77 87.9 70.7 110.7

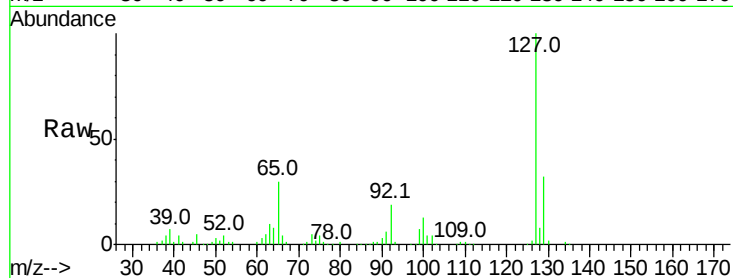




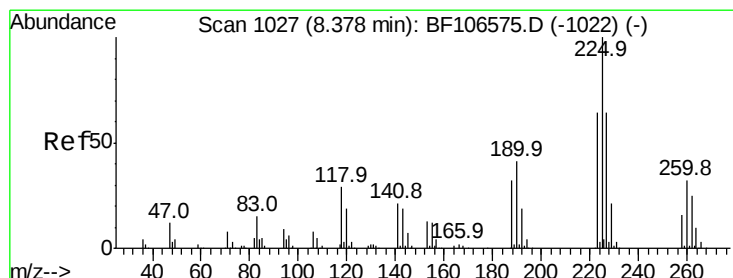
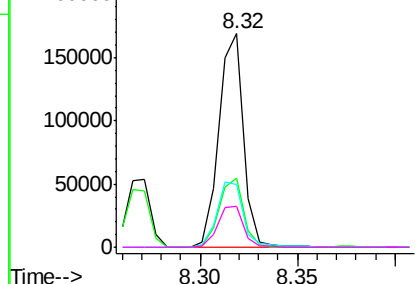
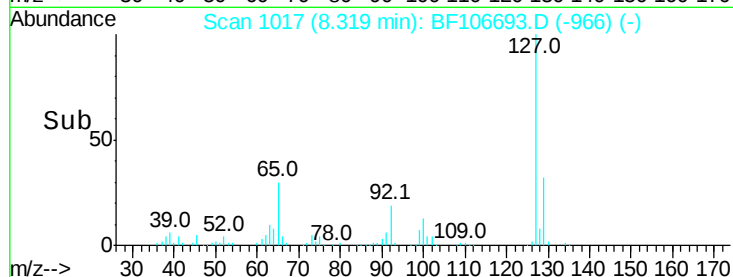
#33
4-Chloroaniline
Concen: 37.555 ng
RT: 8.32 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF106693.D
Acq: 22 Jun 2018 7:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	147526
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.9	38.9
65	29.7	25.0	37.4
92	18.9	15.2	22.8

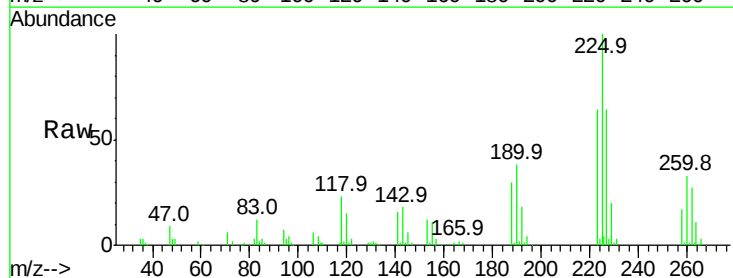


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

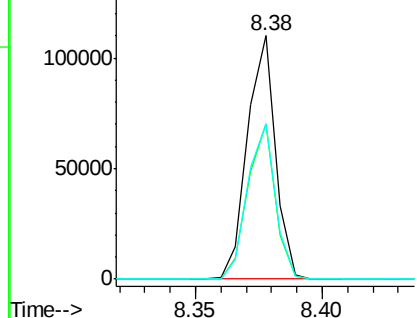
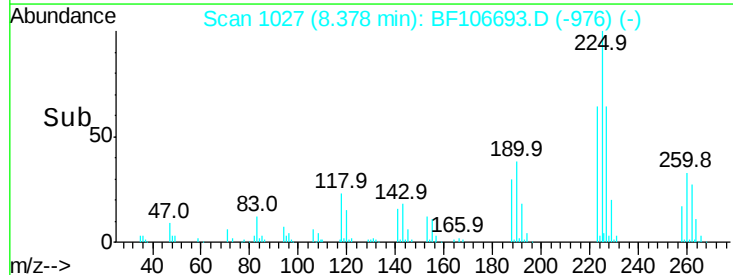


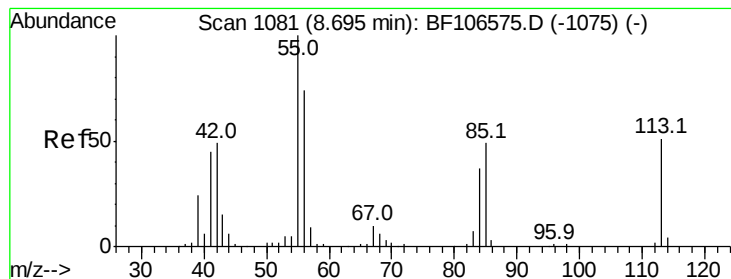
#34
Hexachlorobutadiene
Concen: 41.986 ng
RT: 8.38 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF106693.D
Acq: 22 Jun 2018 7:51

Tgt Ion:	225	Resp:	84694
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.6	76.0
227	63.9	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 35.414 ng

RT: 8.68 min Scan# 1079

Delta R.T. -0.01 min

Lab File: BF106693.D

Acq: 22 Jun 2018 7:51

Instrument :

BNA_F

ClientSampleId :

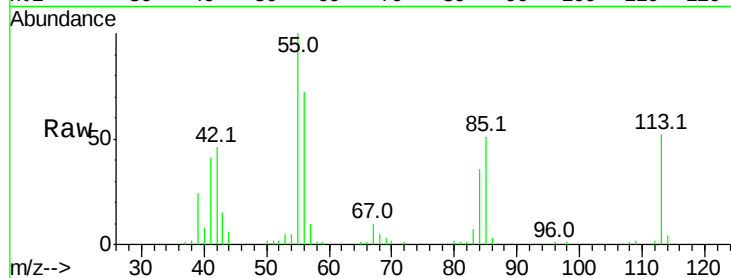
Tot Ion:113 Resp: 32441

Ion Ratio Lower Upper

113 100

55 193.0 163.3 203.3

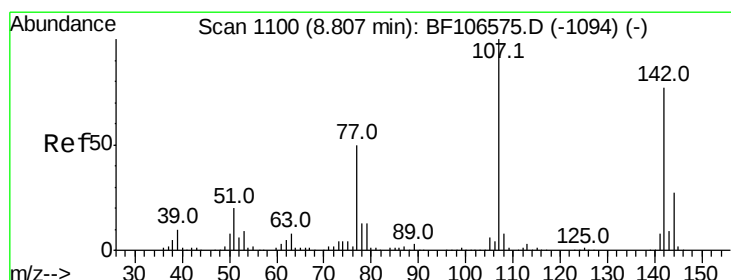
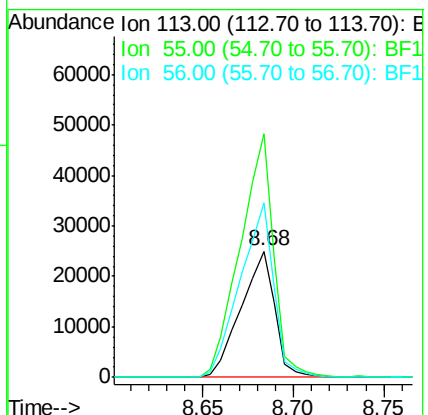
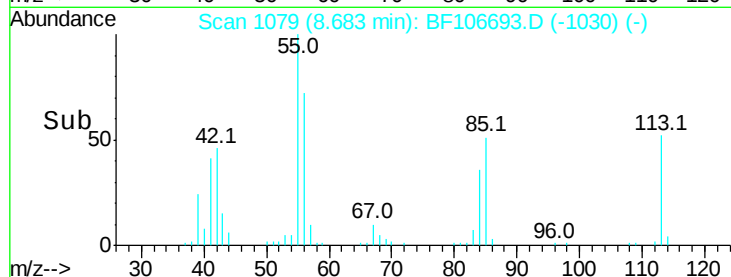
56 138.8 115.7 155.7



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: 36.266 ng

RT: 8.80 min Scan# 1099

Delta R.T. -0.01 min

Lab File: BF106693.D

Acq: 22 Jun 2018 7:51

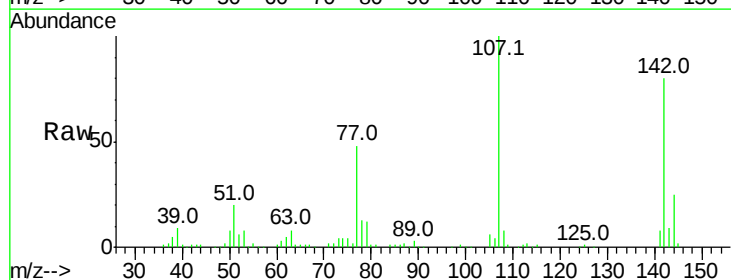
Tgt Ion:107 Resp: 107273

Ion Ratio Lower Upper

107 100

144 24.6 20.5 30.7

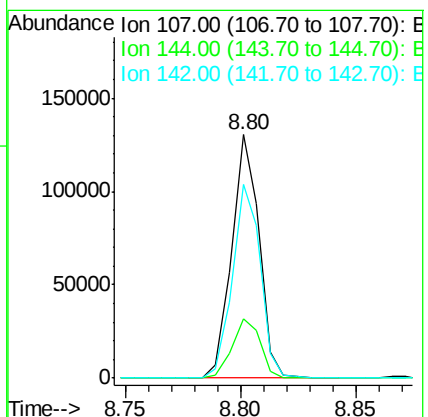
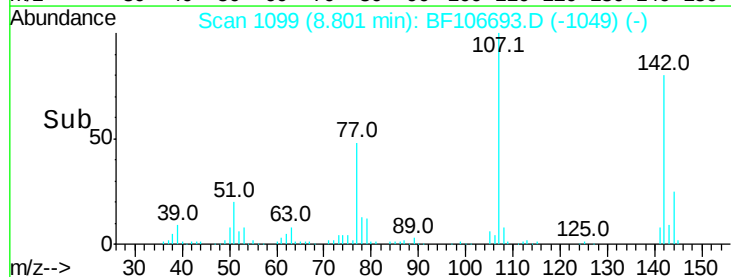
142 79.5 62.0 93.0

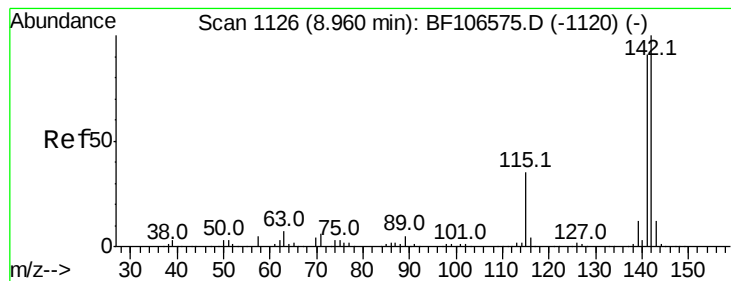


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

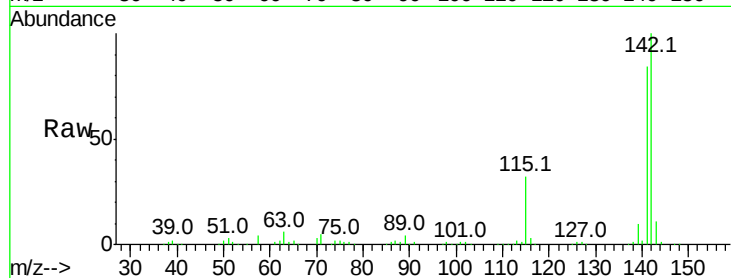




#37
2-Methylnaphthalene
Concen: 39.041 ng
RT: 8.96 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BF106693.D
Acq: 22 Jun 2018 7:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	83.7	70.8	106.2
115	31.7	26.1	39.1

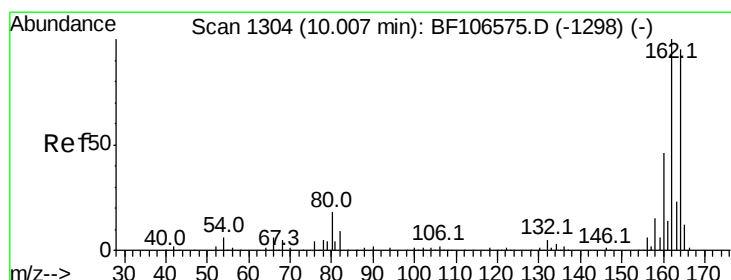
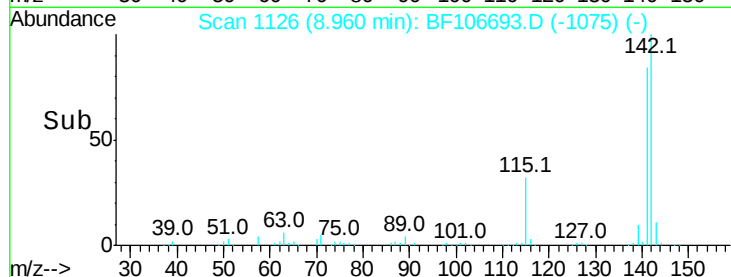
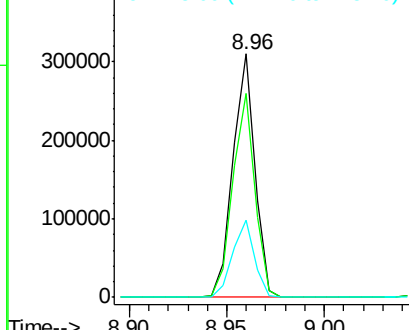


Abundance

Ion 142.00 (141.70 to 142.70): E

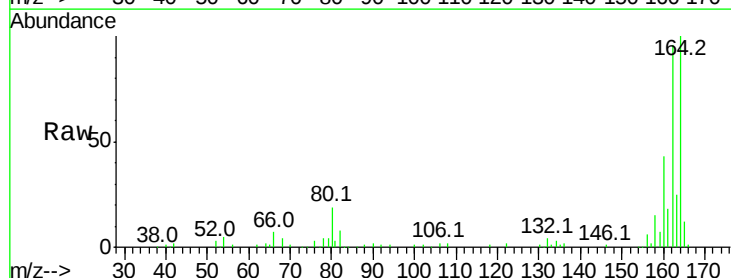
Ion 141.00 (140.70 to 141.70): E

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: BF106693.D
Acq: 22 Jun 2018 7:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	95.8	86.1	129.1
160	42.8	38.3	57.5

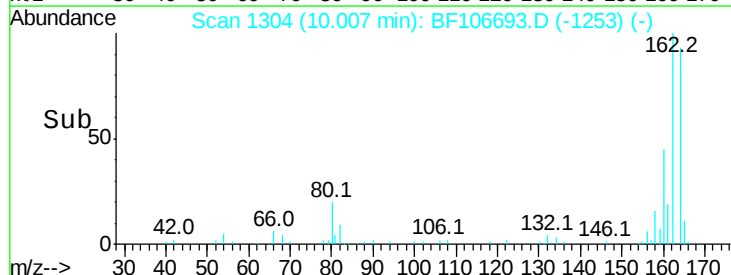
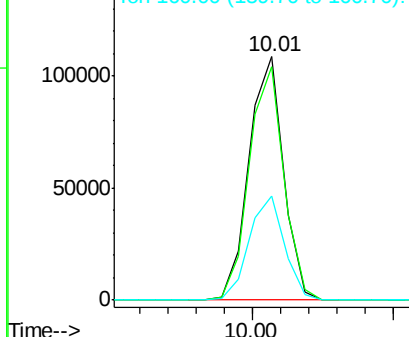


Abundance

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

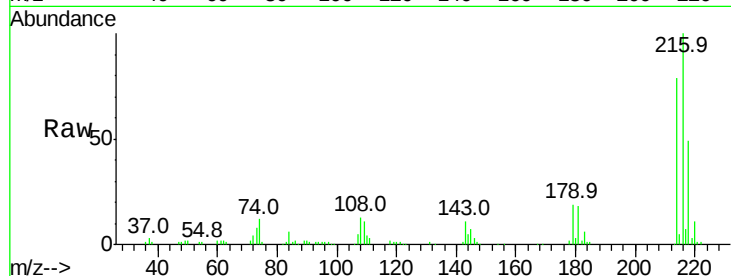




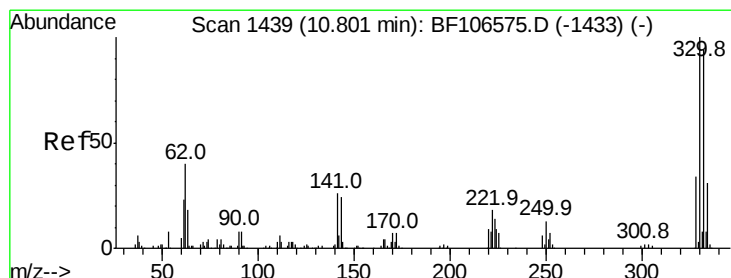
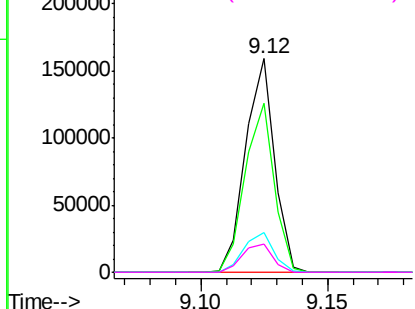
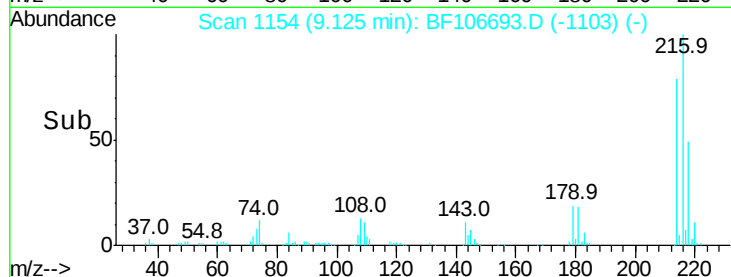
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.074 ng
 RT: 9.12 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BF106693.D
 Acq: 22 Jun 2018 7:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:216 Resp: 126780
 Ion Ratio Lower Upper
 216 100
 214 79.4 63.0 94.4
 179 19.2 18.1 27.1
 108 14.0 17.2 25.8#

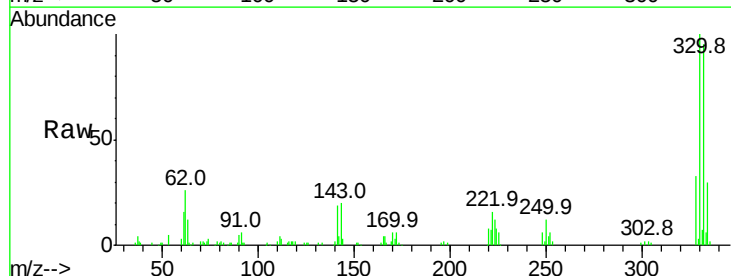


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

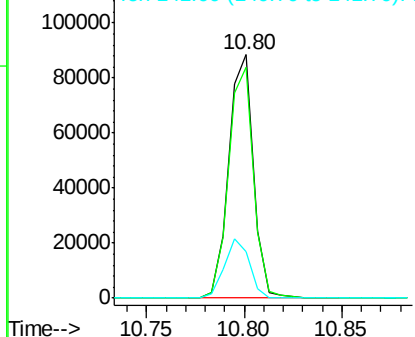
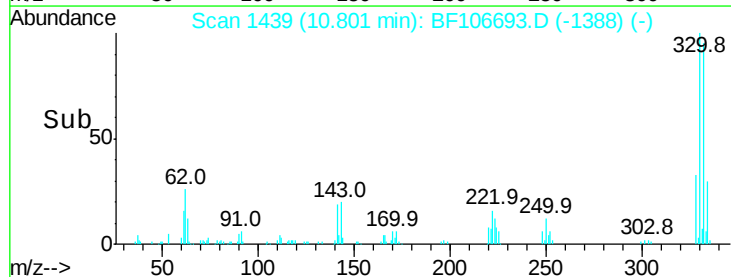


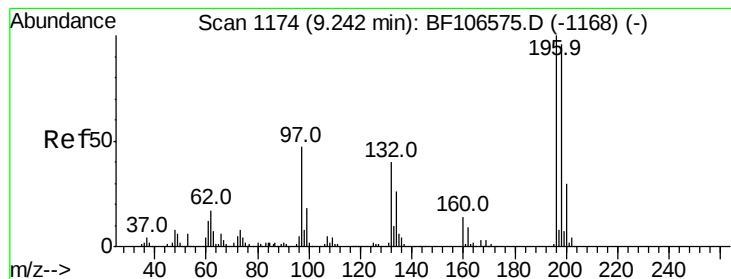
#41
 2,4,6-Tribromophenol
 Concen: 72.936 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF106693.D
 Acq: 22 Jun 2018 7:51

Tgt Ion:330 Resp: 77480
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 24.9 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: 34.867 ng

RT: 9.24 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF106693.D

Acq: 22 Jun 2018 7:51

Instrument :

BNA_F

ClientSampleId :

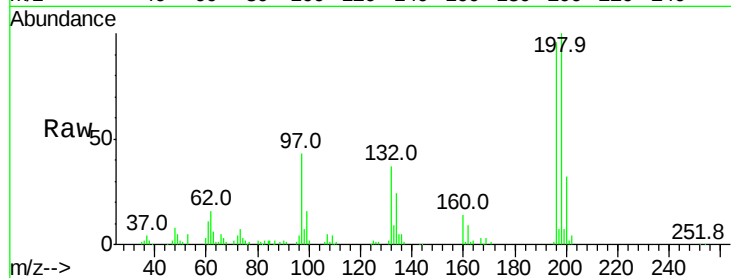
Tot Ion:196 Resp: 71537

Ion Ratio Lower Upper

196 100

198 104.1 75.7 113.5

200 32.9 24.5 36.7

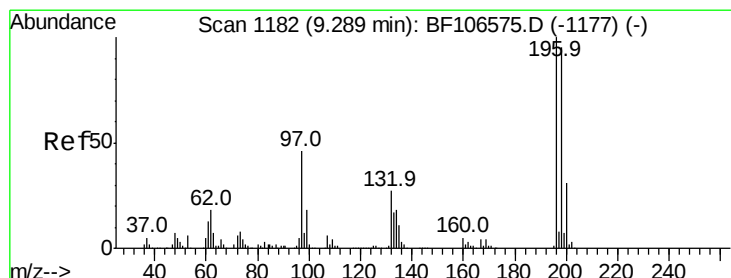
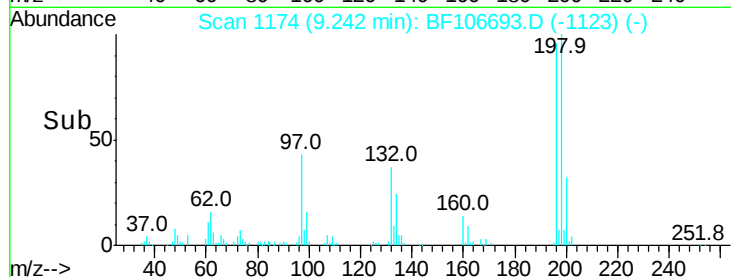
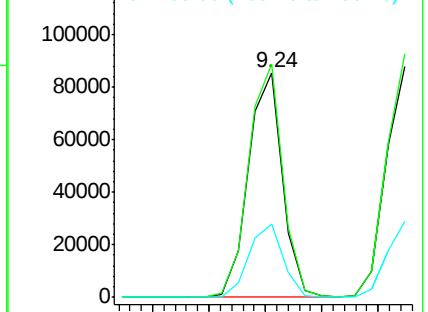


Abundance

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: 33.414 ng

RT: 9.24 min Scan# 1174

Delta R.T. -0.05 min

Lab File: BF106693.D

Acq: 22 Jun 2018 7:51

Tgt Ion:196 Resp: 71537

Ion Ratio Lower Upper

196 100

198 104.1 74.6 112.0

97 44.4 42.9 64.3

132 38.9 26.3 39.5

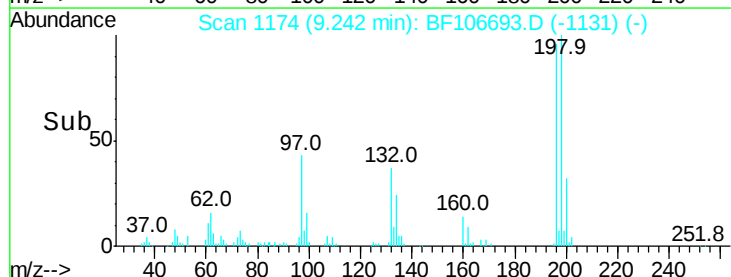
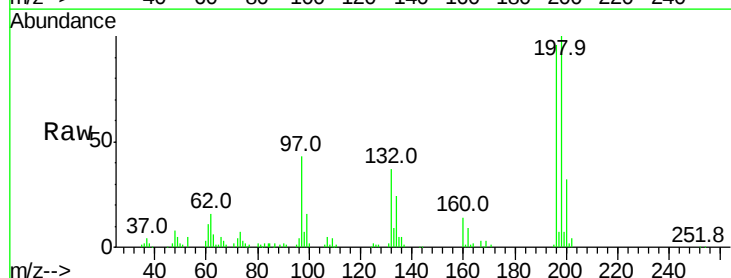
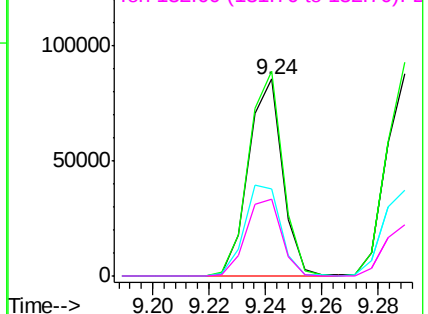
Abundance

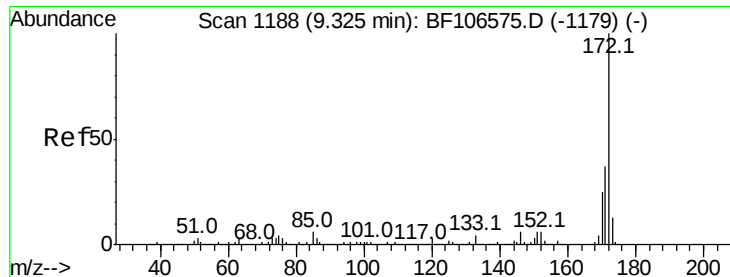
Ion 196.00 (195.70 to 196.70): E

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

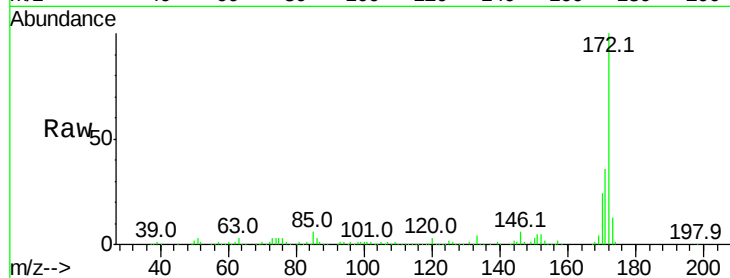




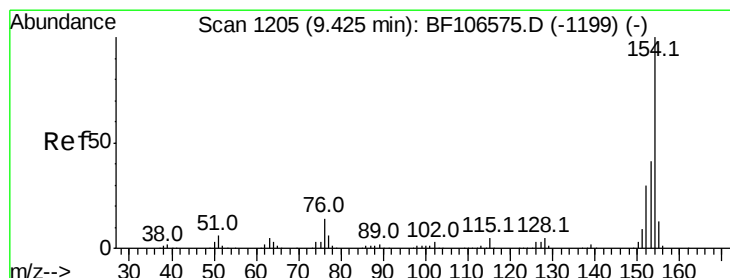
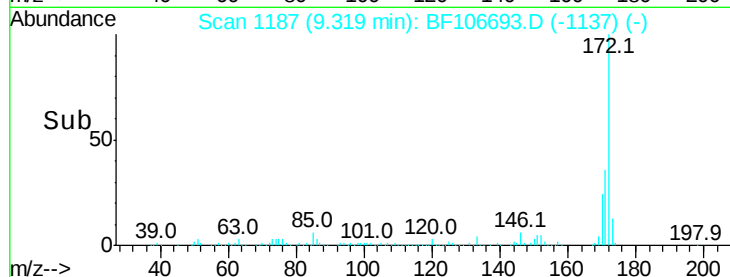
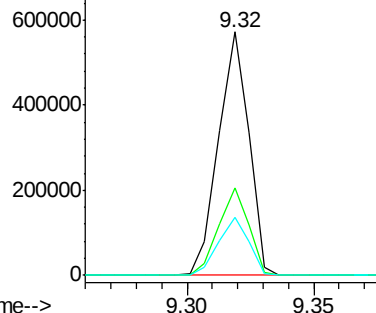
#44
2-Fluorobiphenyl
Concen: 88.780 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF106693.D
Acq: 22 Jun 2018 7:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.8	19.6	29.4

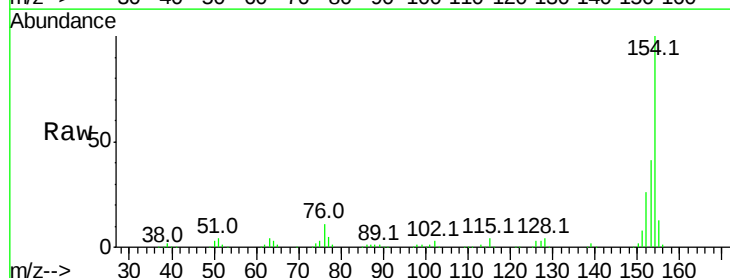


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

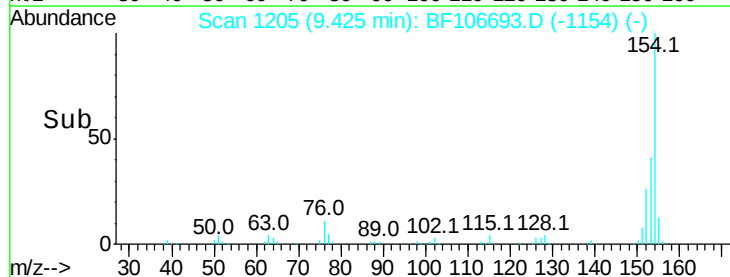
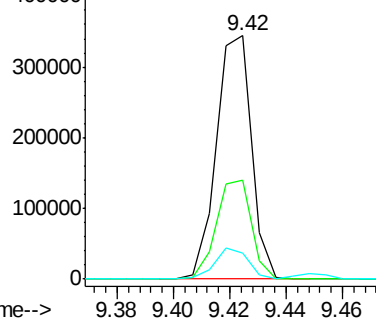


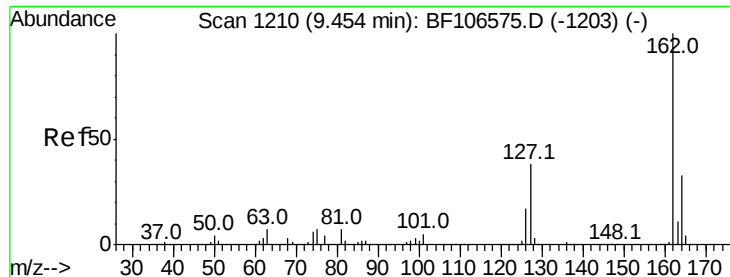
#45
1,1'-Biphenyl
Concen: 40.694 ng
RT: 9.42 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF106693.D
Acq: 22 Jun 2018 7:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.3	61.3
76	10.5	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

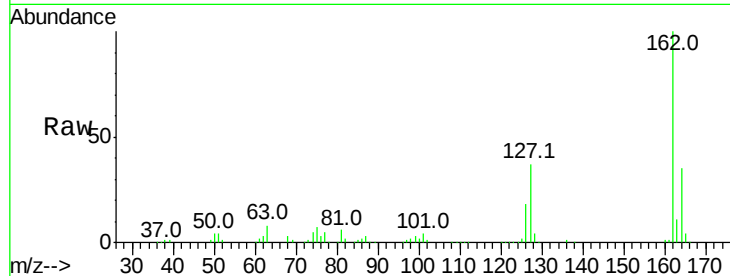




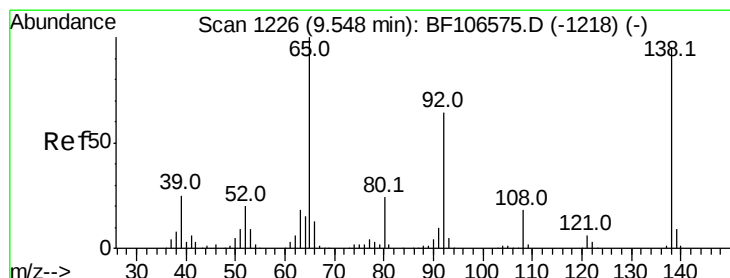
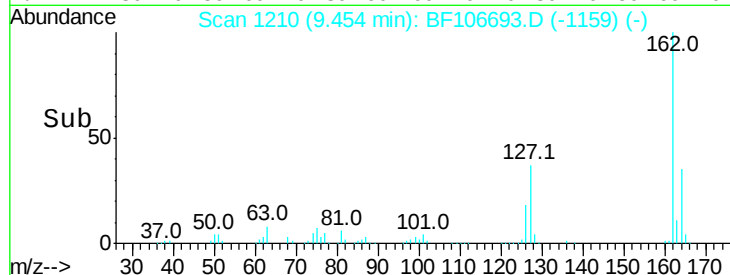
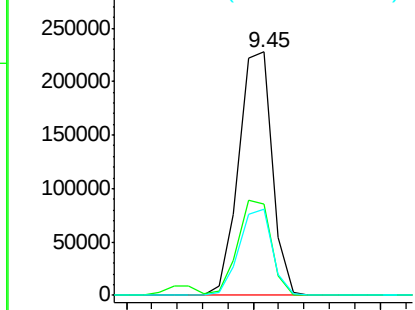
#46
2-Chloronaphthalene
Concen: 36.398 ng
RT: 9.45 min Scan# 1210
Delta R.T. 0.00 min
Lab File: BF106693.D
Acq: 22 Jun 2018 7:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.4	33.9	50.9
164	35.3	26.5	39.7

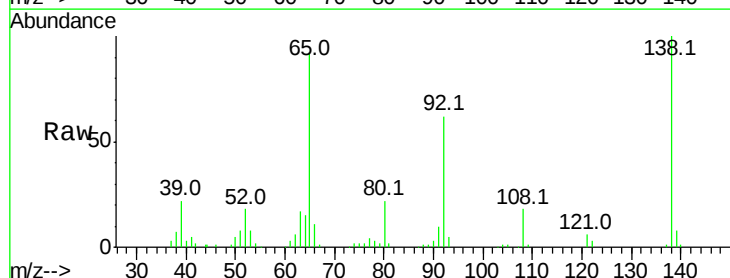


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

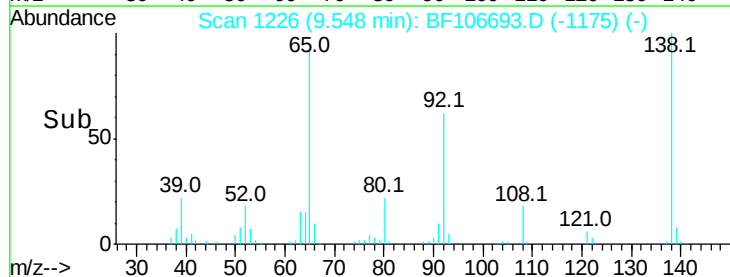
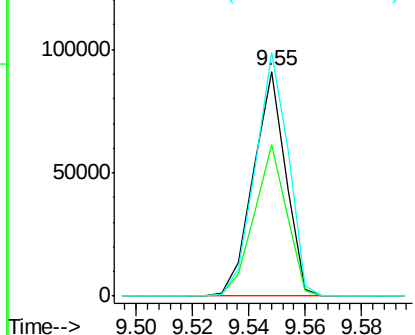


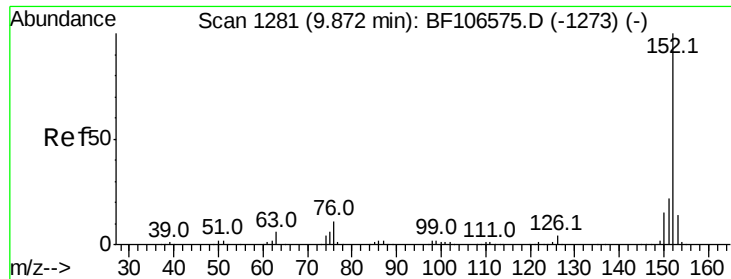
#47
2-Nitroaniline
Concen: 37.482 ng
RT: 9.55 min Scan# 1226
Delta R.T. 0.00 min
Lab File: BF106693.D
Acq: 22 Jun 2018 7:51

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.4	55.8	83.6
138	108.3	91.2	136.8



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





#48

Acenaphthylene

Concen: 36.366 ng

RT: 9.87 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF106693.D

Acq: 22 Jun 2018 7:51

Instrument :

BNA_F

ClientSampleId :

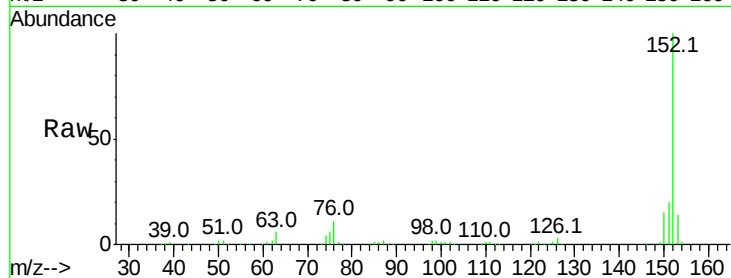
Tot Ion:152 Resp: 330114

Ion Ratio Lower Upper

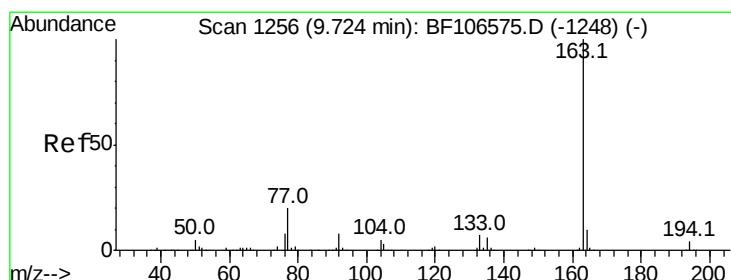
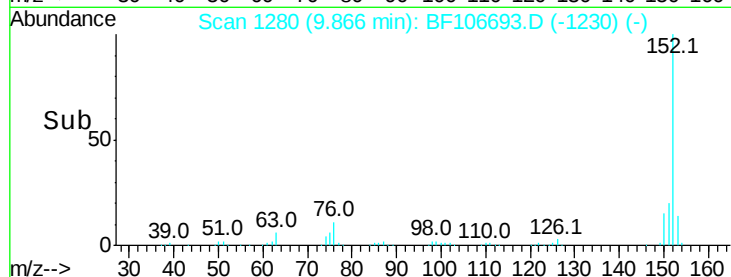
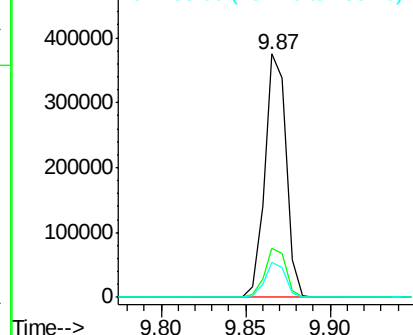
152 100

151 19.9 16.3 24.5

153 14.3 10.7 16.1



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



#49

Dimethylphthalate

Concen: 37.995 ng

RT: 9.72 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BF106693.D

Acq: 22 Jun 2018 7:51

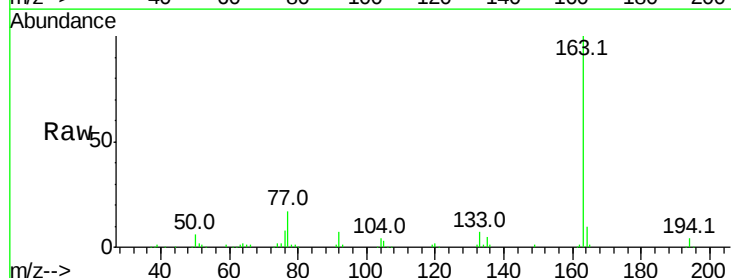
Tgt Ion:163 Resp: 261187

Ion Ratio Lower Upper

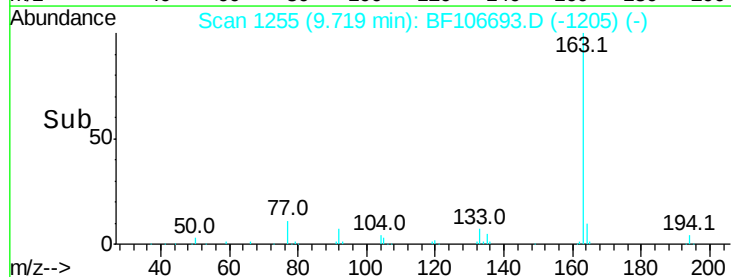
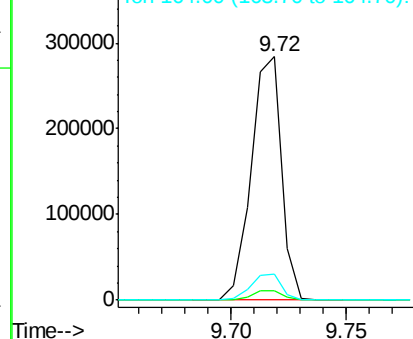
163 100

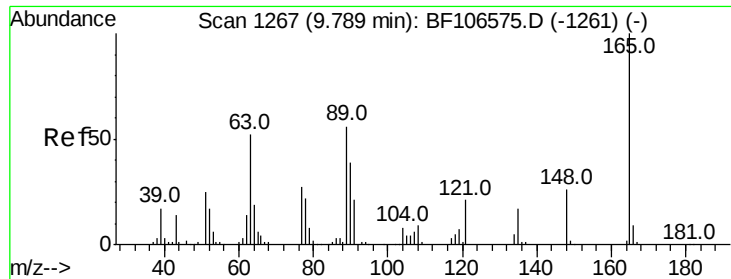
194 4.0 2.7 4.1

164 10.5 8.2 12.2



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

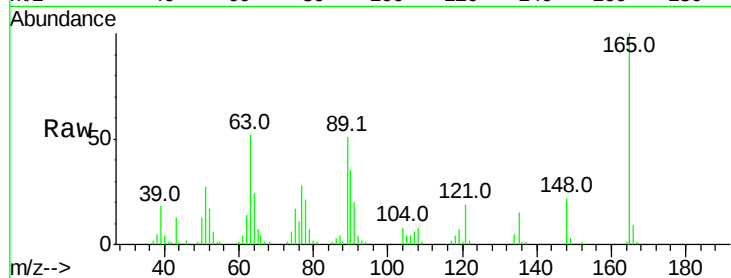




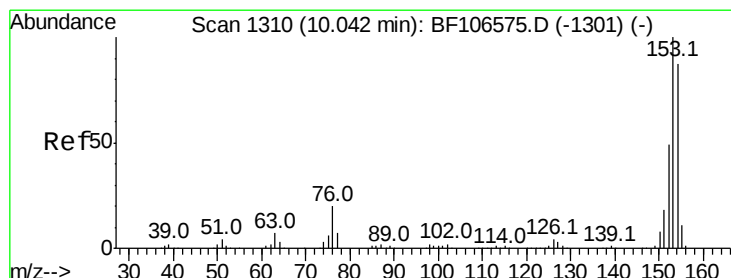
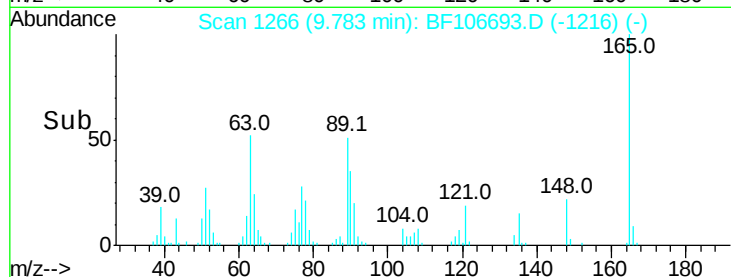
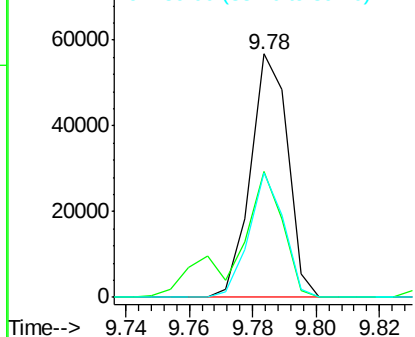
#50
2,6-Dinitrotoluene
Concen: 31.753 ng
RT: 9.78 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BF106693.D
Acq: 22 Jun 2018 7:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 46220
Ion Ratio Lower Upper
165 100
63 51.9 44.7 67.1
89 51.2 44.0 66.0

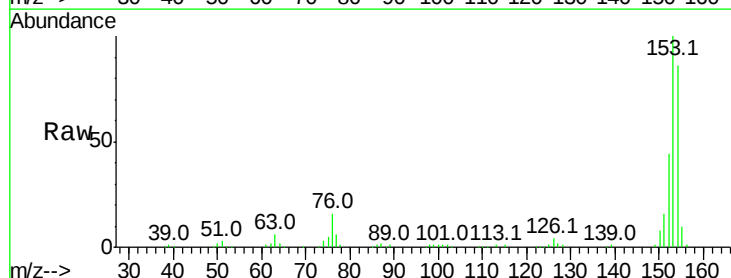


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

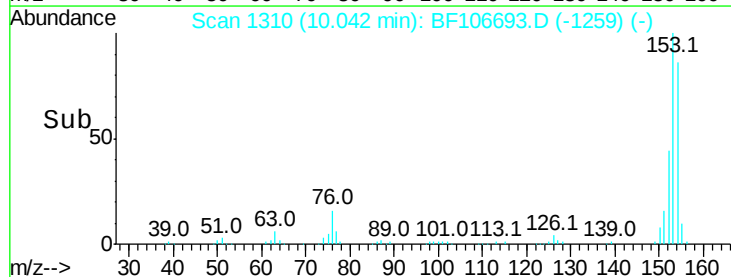
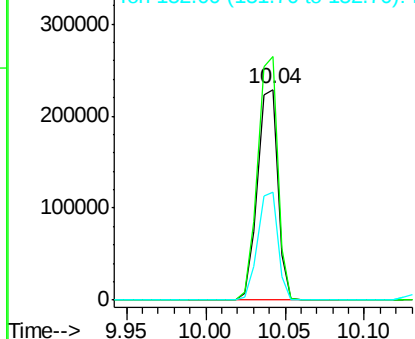


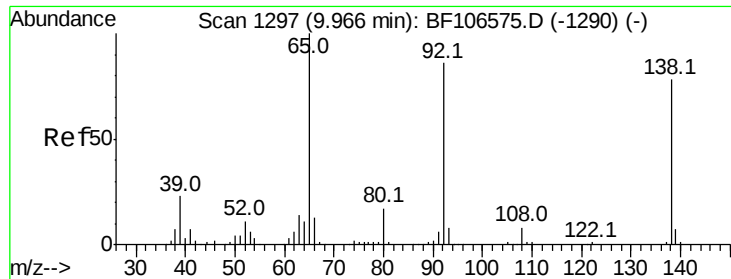
#51
Acenaphthene
Concen: 36.112 ng
RT: 10.04 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BF106693.D
Acq: 22 Jun 2018 7:51

Tgt Ion:154 Resp: 206424
Ion Ratio Lower Upper
154 100
153 115.6 91.2 136.8
152 51.1 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

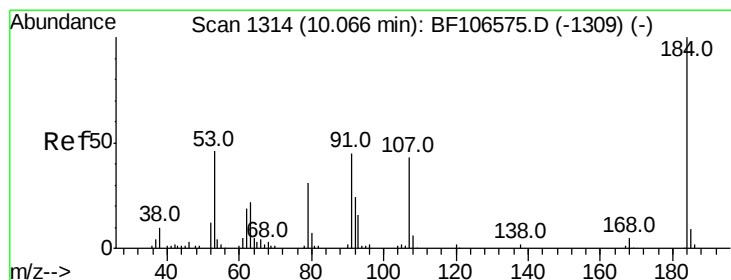
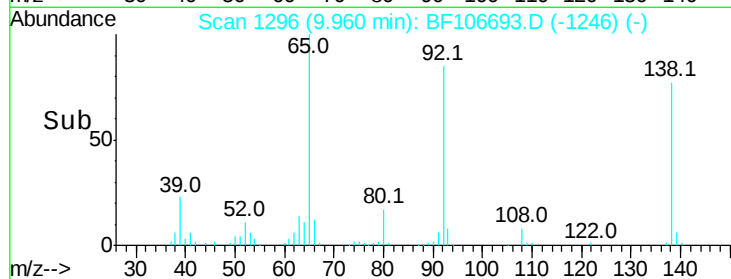
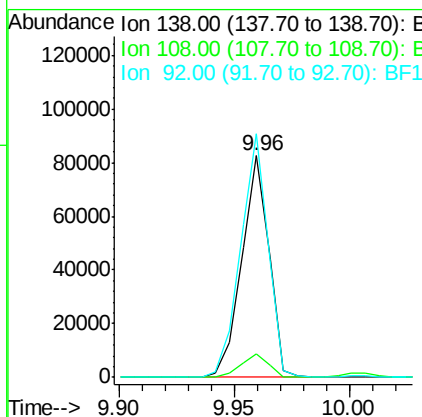
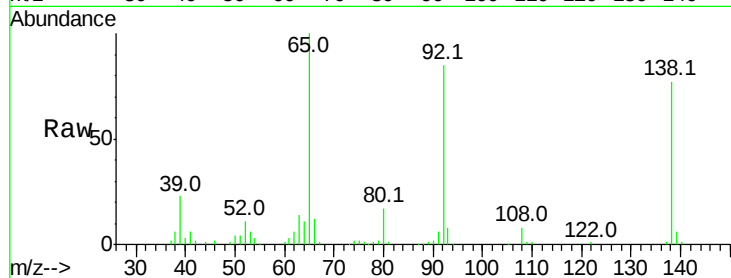




#52
 3-Nitroaniline
 Concen: 40.649 ng
 RT: 9.96 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: BF106693.D
 Acq: 22 Jun 2018 7:51

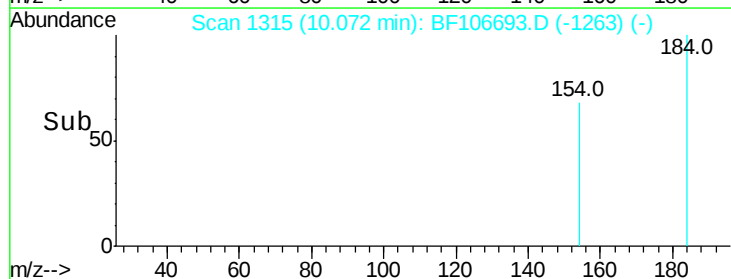
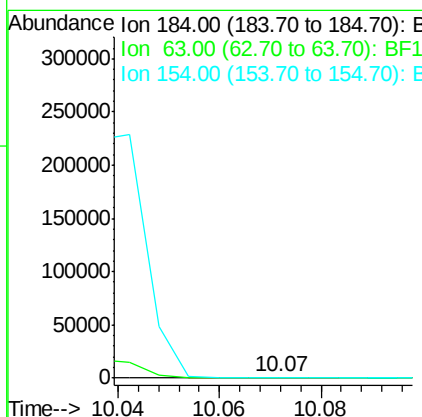
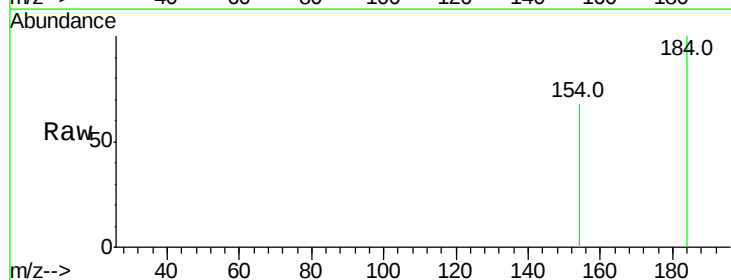
Instrument :
 BNA_F
 ClientSampleId :

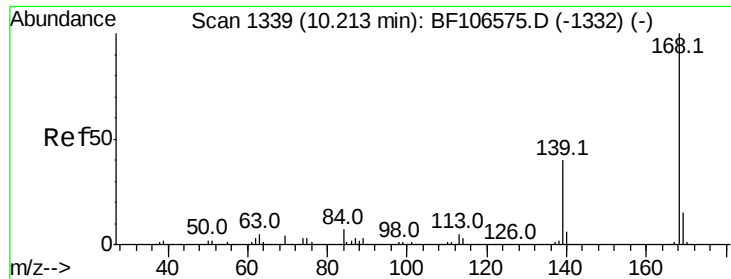
Tot Ion:138 Resp: 68088
 Ion Ratio Lower Upper
 138 100
 108 10.5 9.4 14.0
 92 109.9 89.4 134.2



#53
 2,4-Dinitrophenol
 Concen: 5.796 ng
 RT: 10.07 min Scan# 1315
 Delta R.T. 0.01 min
 Lab File: BF106693.D
 Acq: 22 Jun 2018 7:51

Tgt Ion:184 Resp: 359
 Ion Ratio Lower Upper
 184 100
 63 0.0 54.2 81.2#
 154 68.3 184.0 276.0#

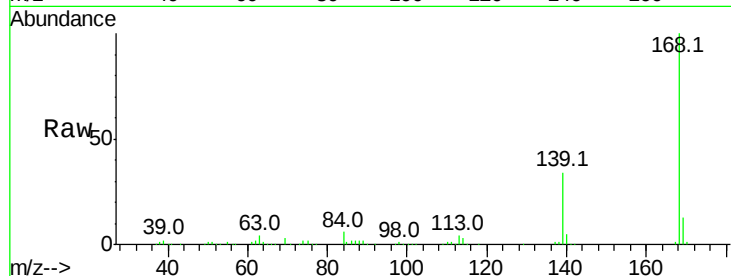




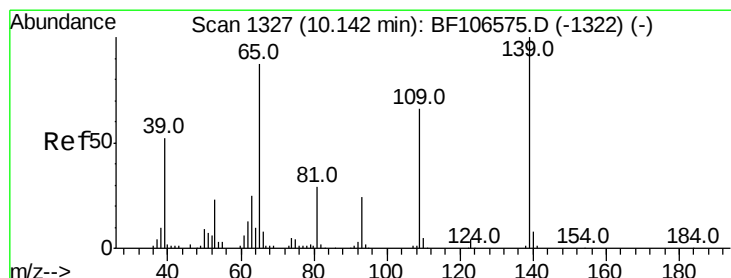
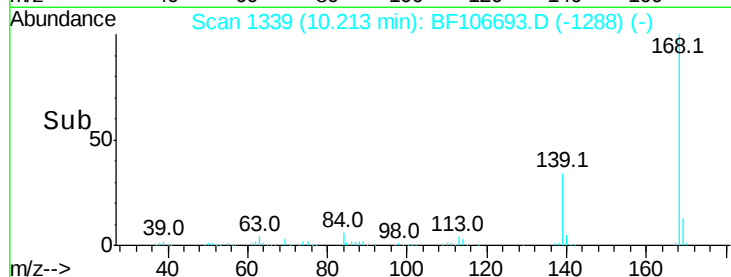
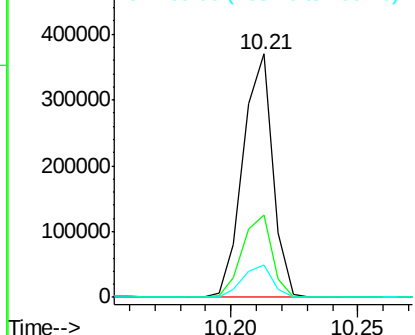
#54
Dibenzenofuran
Concen: 38.509 ng
RT: 10.21 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF106693.D
Acq: 22 Jun 2018 7:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 301416
Ion Ratio Lower Upper
168 100
139 33.7 30.1 45.1
169 13.3 10.9 16.3

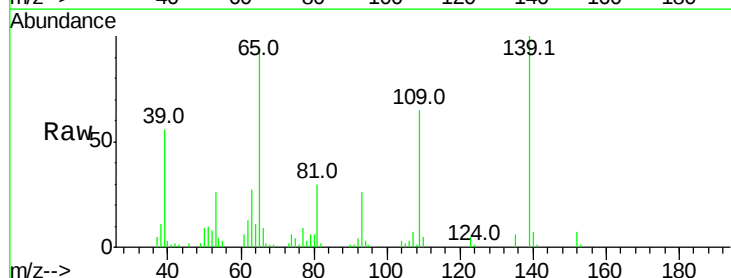


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

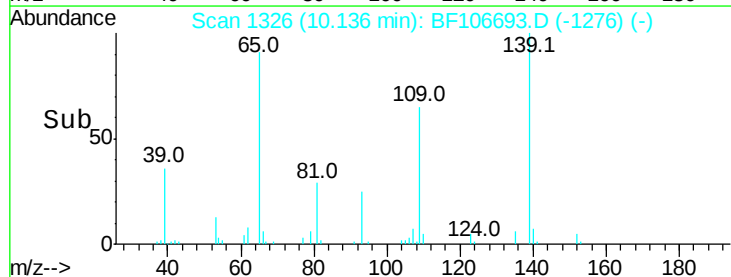
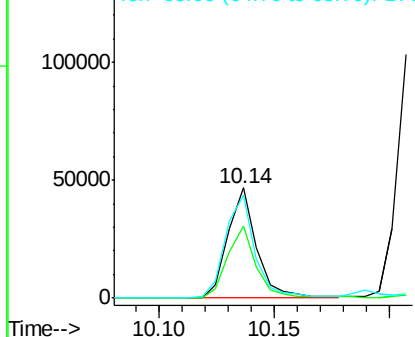


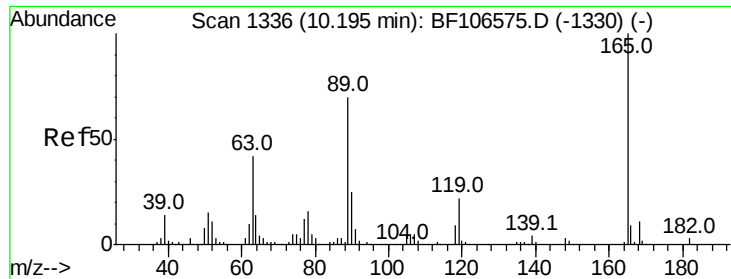
#55
4-Nitrophenol
Concen: 34.968 ng
RT: 10.14 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF106693.D
Acq: 22 Jun 2018 7:51

Tgt Ion:139 Resp: 40885
Ion Ratio Lower Upper
139 100
109 64.9 48.4 88.4
65 93.7 72.6 112.6



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

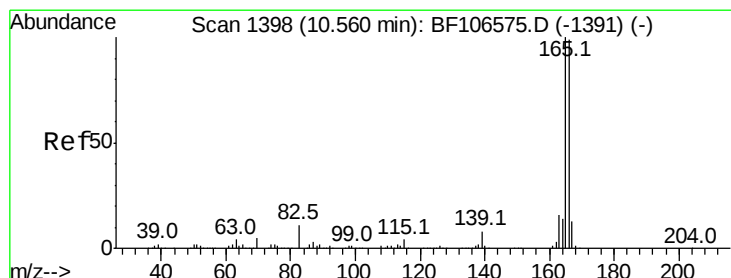
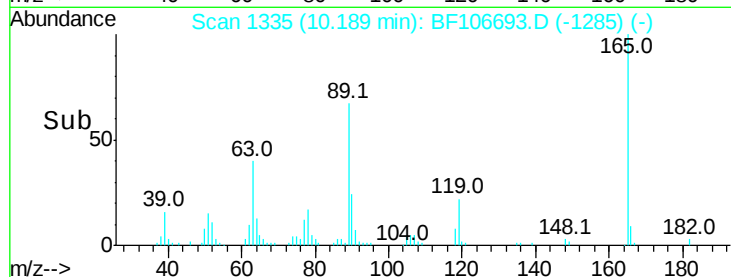
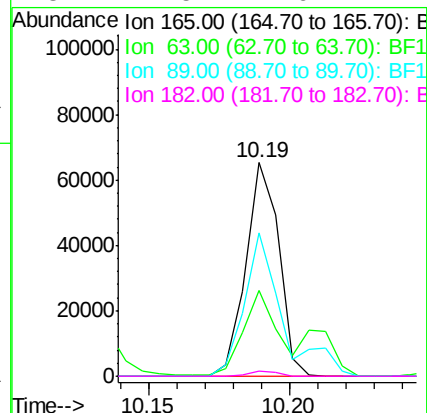
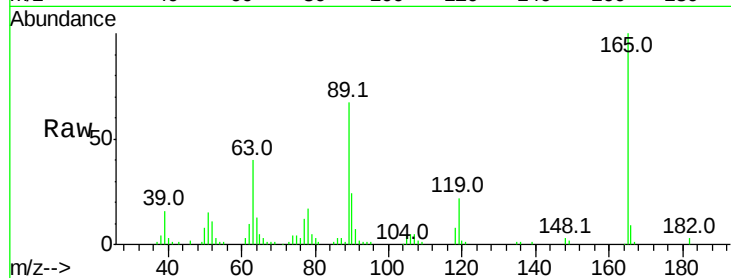




#56
2,4-Dinitrotoluene
Concen: 27.859 ng
RT: 10.19 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF106693.D
Acq: 22 Jun 2018 7:51

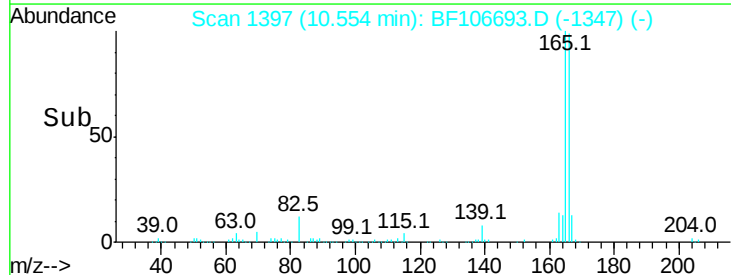
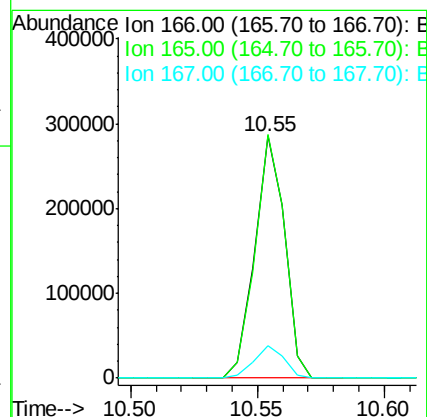
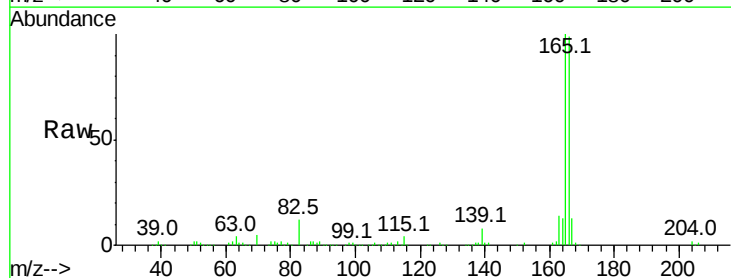
Instrument :
BNA_F
ClientSampleId :

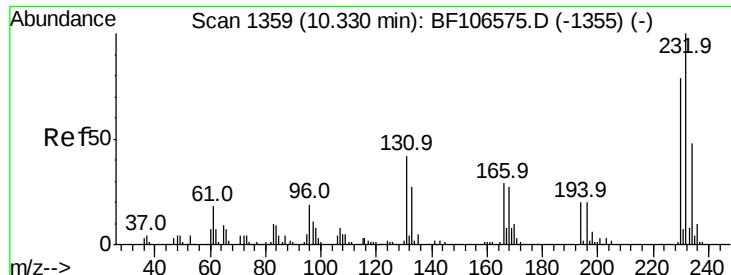
Tot Ion	Ratio	Lower	Upper
165	100		
63	40.2	36.4	54.6
89	67.1	57.8	86.6
182	2.5	1.6	2.4#



#57
Fluorene
Concen: 37.765 ng
RT: 10.55 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF106693.D
Acq: 22 Jun 2018 7:51

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.7	79.8	119.8
167	13.3	10.6	16.0

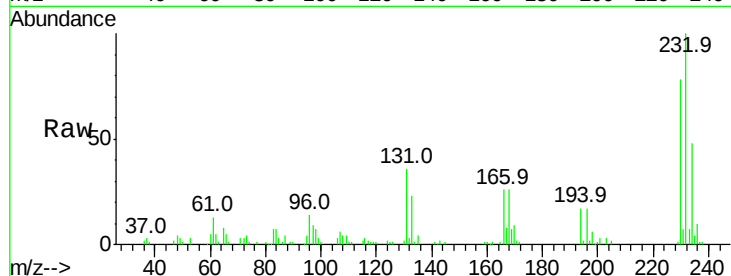




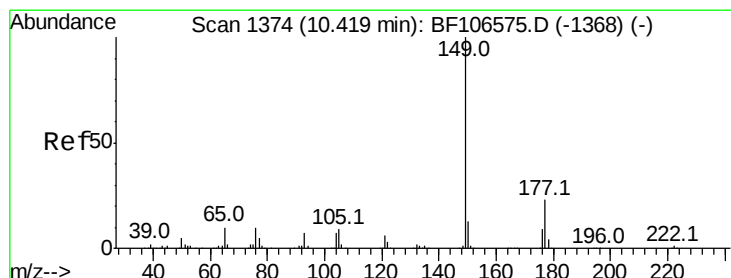
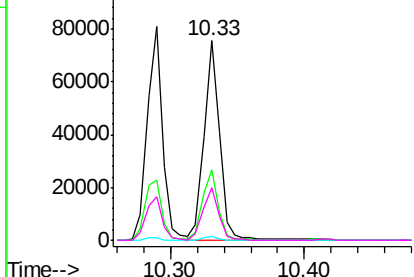
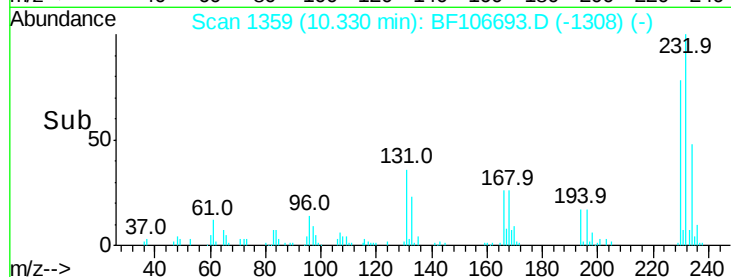
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.565 ng
 RT: 10.33 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: BF106693.D
 Acq: 22 Jun 2018 7:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 62228
 Ion Ratio Lower Upper
 232 100
 131 35.3 43.8 65.8#
 130 1.5 2.1 3.1#
 166 26.1 27.8 41.6#

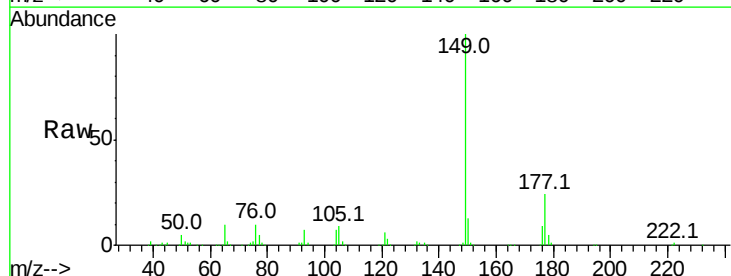


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

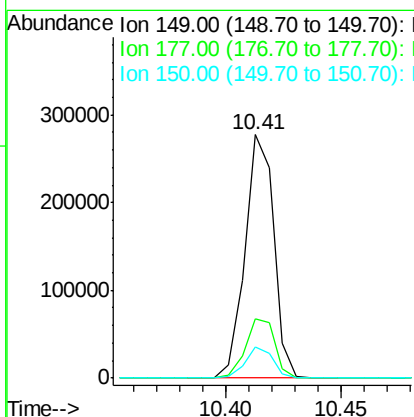
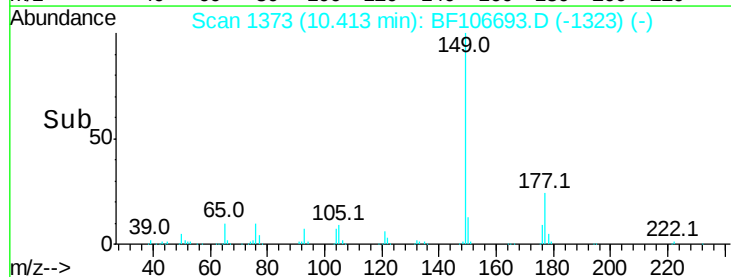


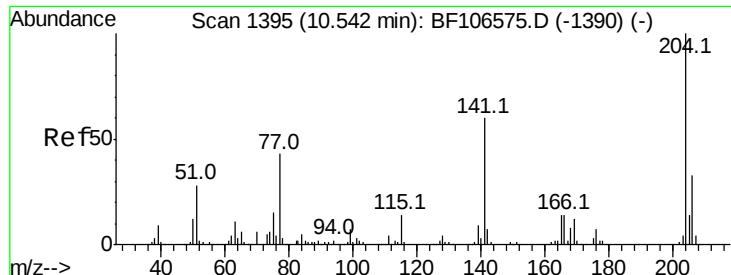
#59
 Diethylphthalate
 Concen: 36.550 ng
 RT: 10.41 min Scan# 1373
 Delta R.T. -0.01 min
 Lab File: BF106693.D
 Acq: 22 Jun 2018 7:51

Tgt Ion:149 Resp: 242497
 Ion Ratio Lower Upper
 149 100
 177 24.5 16.1 24.1#
 150 12.6 10.1 15.1



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

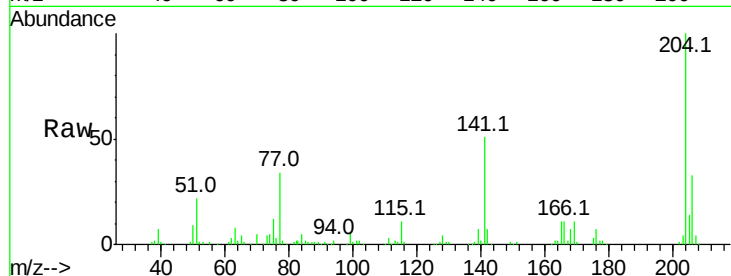




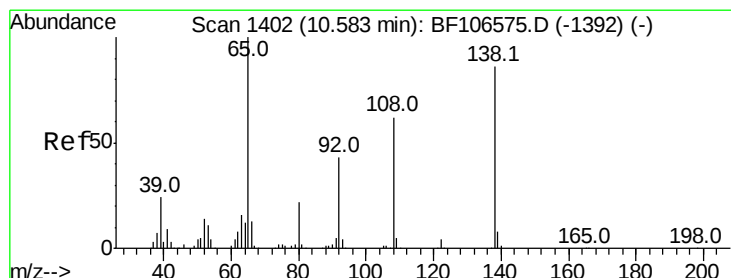
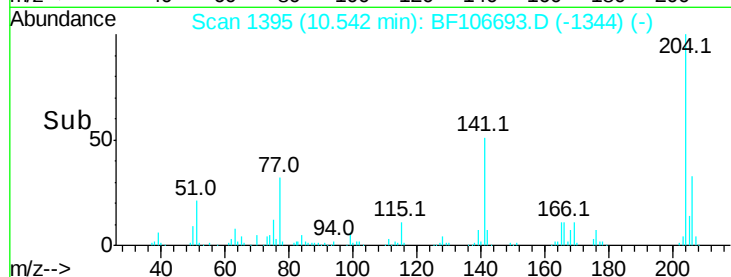
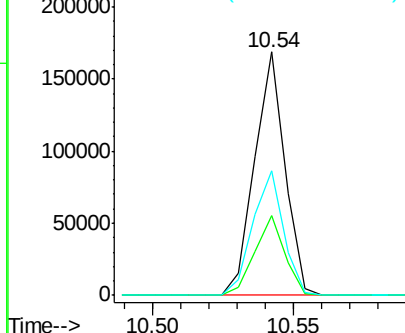
#60
4-Chlorophenyl-phenylether
Concen: 38.713 ng
RT: 10.54 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BF106693.D
Acq: 22 Jun 2018 7:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 125810
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 51.0 54.6 81.8#

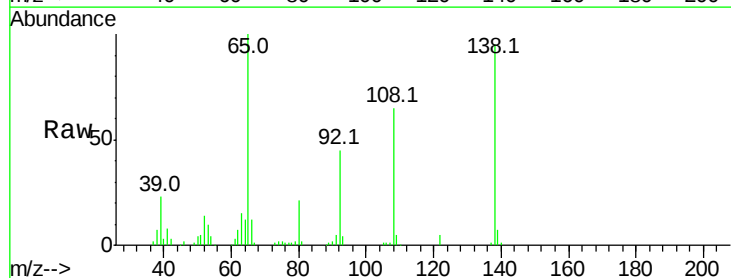


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

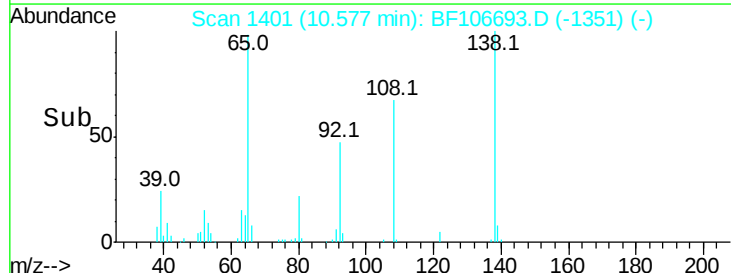
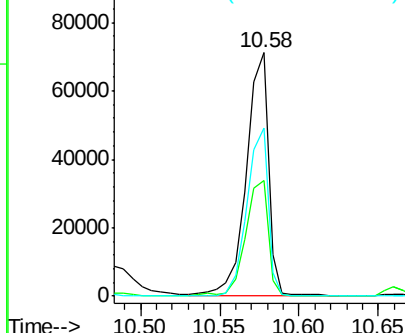


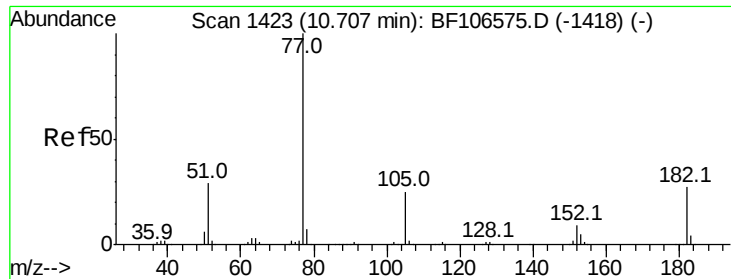
#61
4-Nitroaniline
Concen: 41.797 ng
RT: 10.58 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF106693.D
Acq: 22 Jun 2018 7:51

Tgt Ion:138 Resp: 69482
Ion Ratio Lower Upper
138 100
92 47.3 30.2 70.2
108 69.3 52.5 92.5



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





#62

Azobenzene

Concen: 31.718 ng

RT: 10.70 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF106693.D

Acq: 22 Jun 2018 7:51

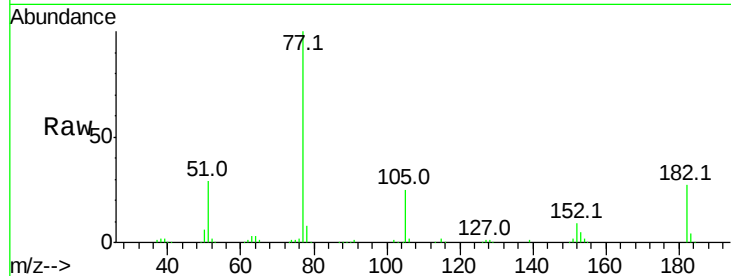
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 207229

Ion	Ratio	Lower	Upper
77	100		
182	26.9	1.7	41.7
105	24.7	3.0	43.0
51	28.6	9.9	49.9

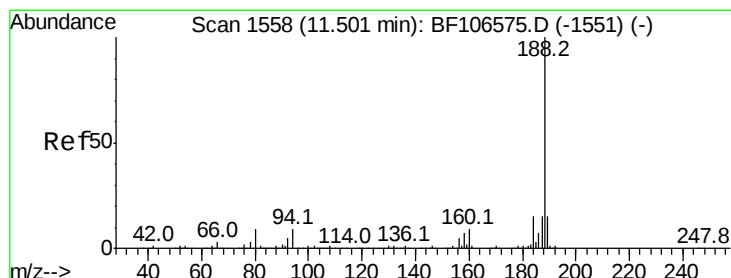
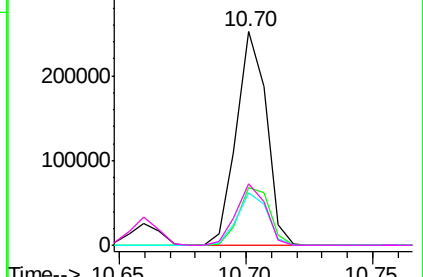
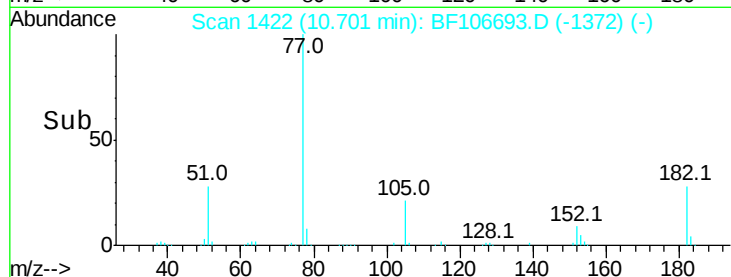


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1557

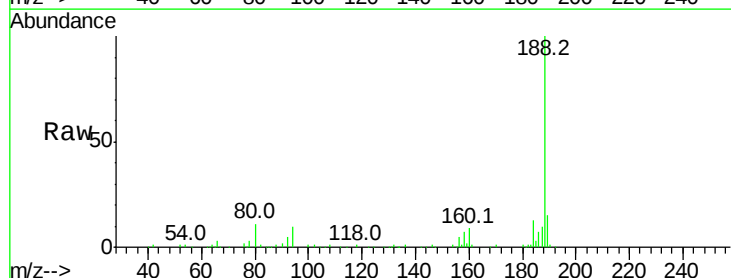
Delta R.T. -0.01 min

Lab File: BF106693.D

Acq: 22 Jun 2018 7:51

Tgt Ion: 188 Resp: 172667

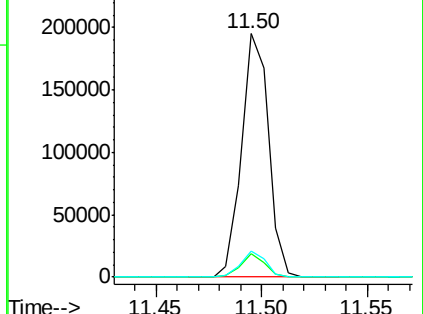
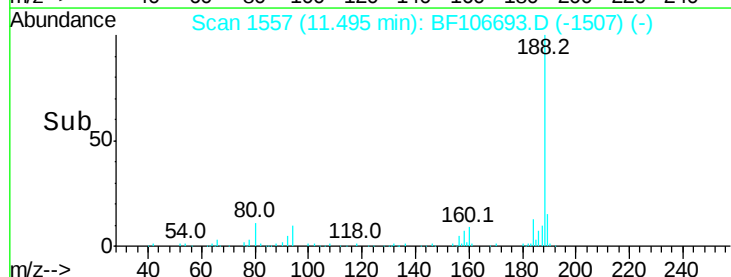
Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.5	12.7
80	10.8	9.2	13.8

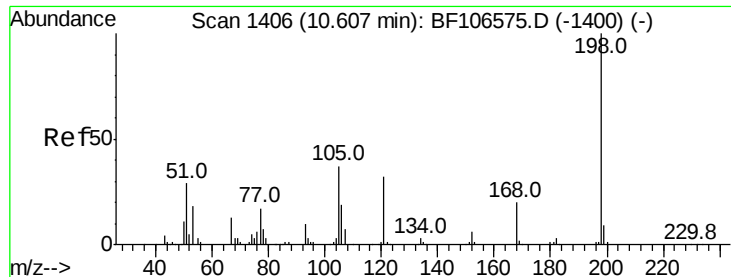


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#64

4,6-Dinitro-2-methylphenol

Concen: 2.035 ng

RT: 10.60 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BF106693.D

Acq: 22 Jun 2018 7:51

Instrument :

BNA_F

ClientSampleId :

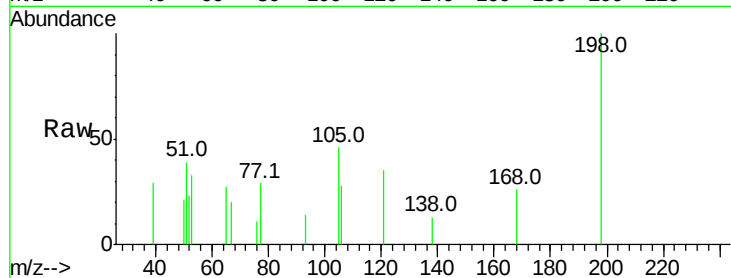
Tot Ion:198 Resp: 2172

Ion Ratio Lower Upper

198 100

51 38.6 37.7 77.7

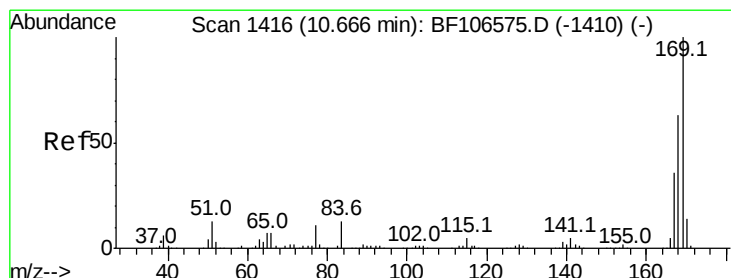
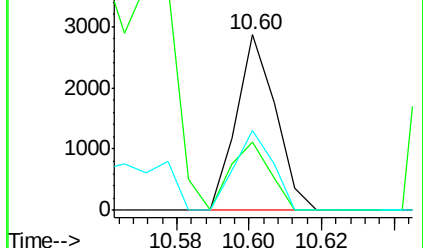
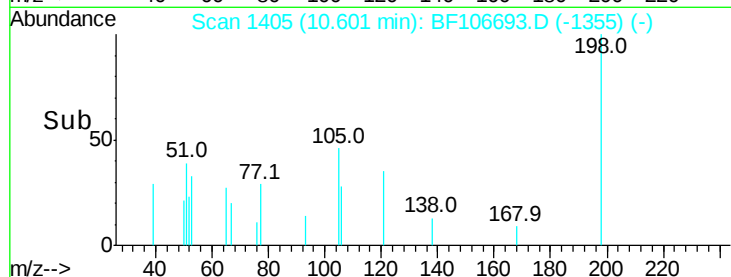
105 45.7 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 36.458 ng

RT: 10.66 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BF106693.D

Acq: 22 Jun 2018 7:51

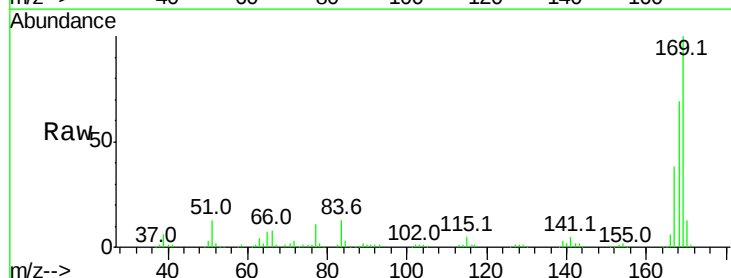
Tgt Ion:169 Resp: 211737

Ion Ratio Lower Upper

169 100

168 69.0 54.4 81.6

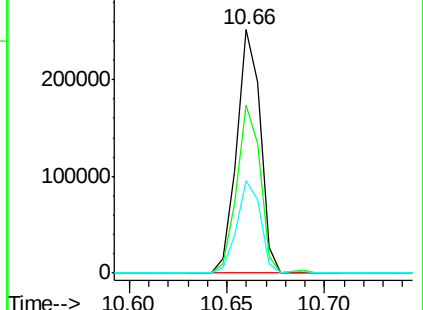
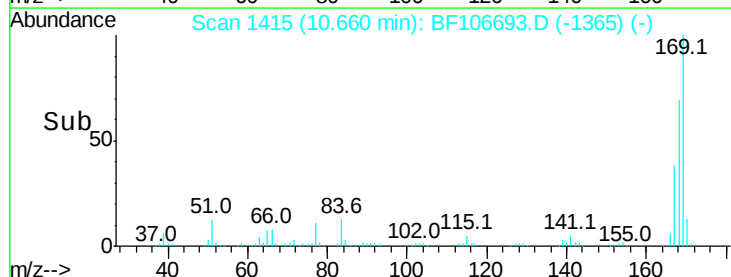
167 37.8 29.8 44.6

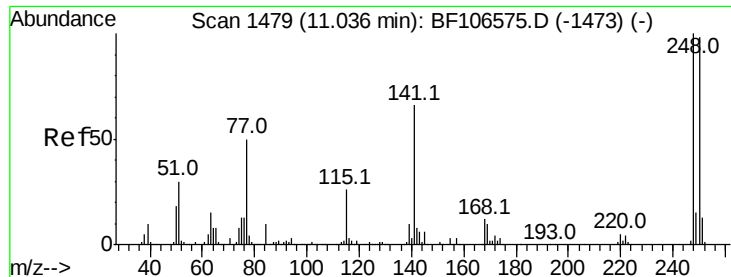


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

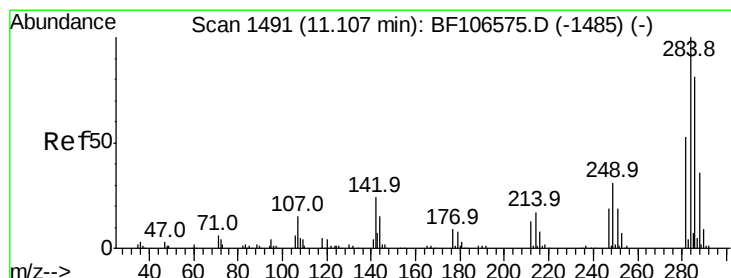
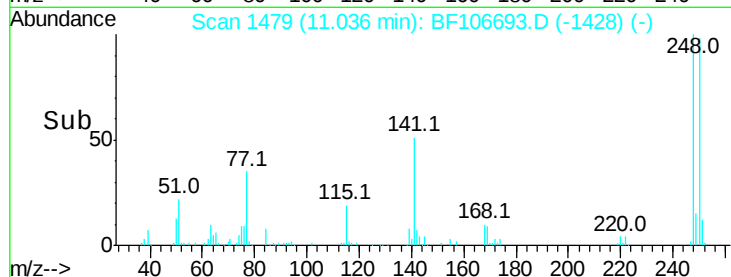
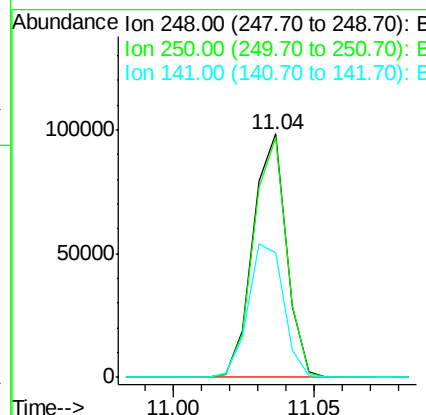
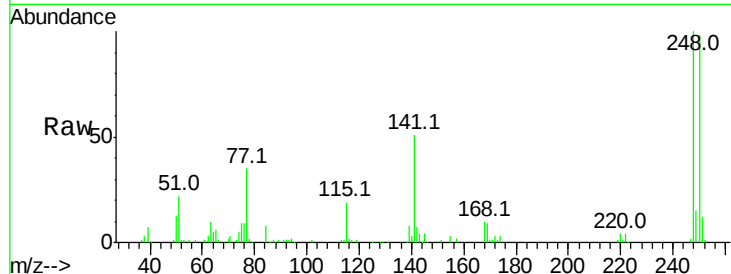




#66
4-Bromophenyl-phenylether
Concen: 39.058 ng
RT: 11.04 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BF106693.D
Acq: 22 Jun 2018 7:51

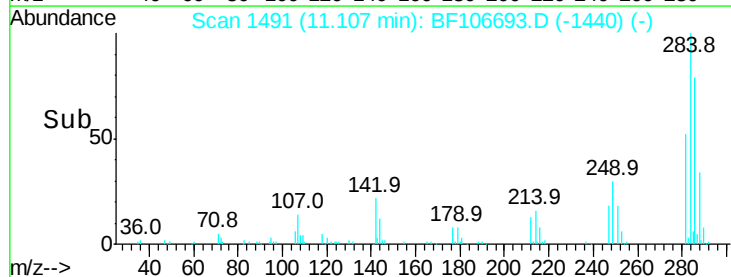
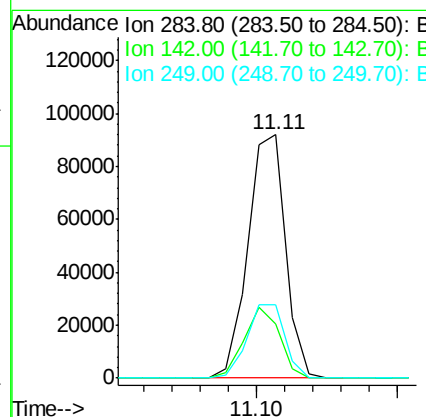
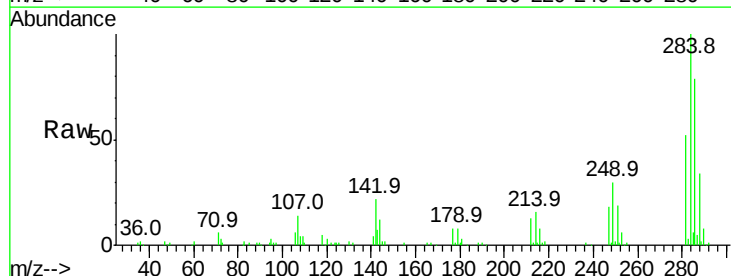
Instrument :
BNA_F
ClientSampled :

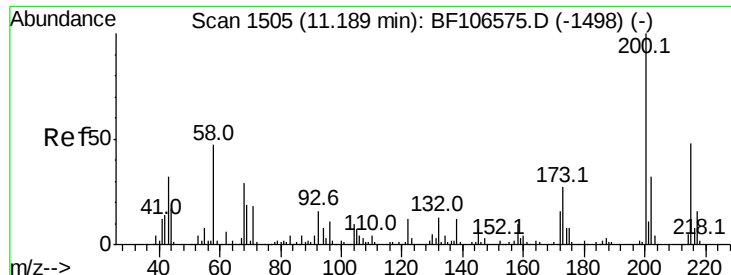
Tot Ion:248 Resp: 80487
Ion Ratio Lower Upper
248 100
250 98.2 76.9 115.3
141 51.1 74.4 111.6#



#67
Hexachlorobenzene
Concen: 39.150 ng
RT: 11.11 min Scan# 1491
Delta R.T. 0.00 min
Lab File: BF106693.D
Acq: 22 Jun 2018 7:51

Tgt Ion:284 Resp: 84438
Ion Ratio Lower Upper
284 100
142 22.3 34.6 52.0#
249 30.3 24.8 37.2

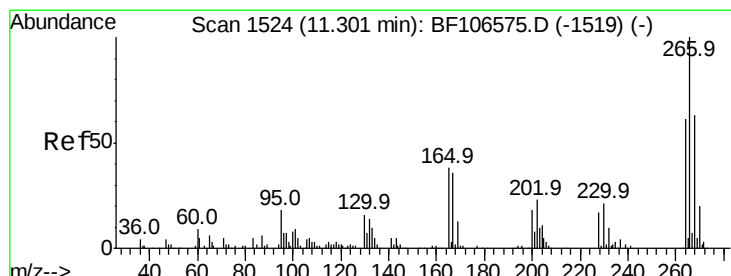
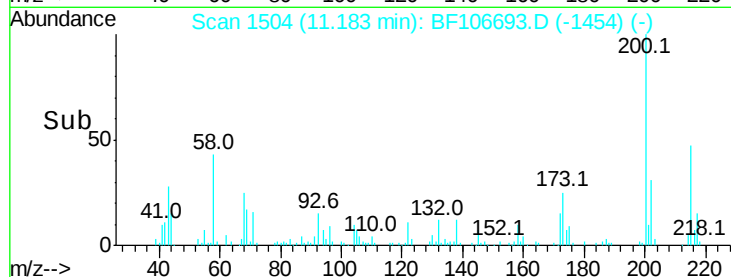
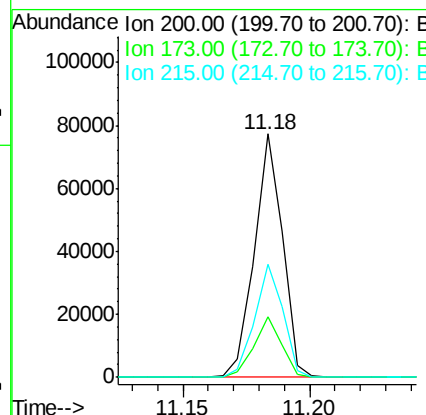
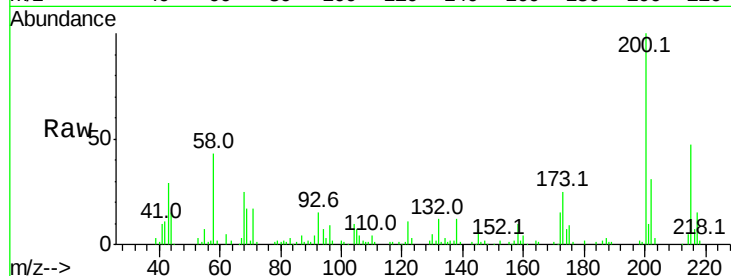




#68
Atrazine
Concen: 32.367 ng
RT: 11.18 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BF106693.D
Acq: 22 Jun 2018 7:51

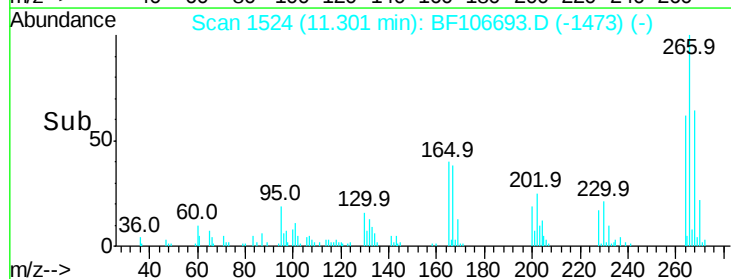
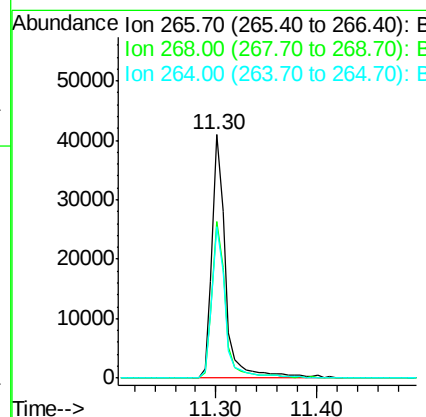
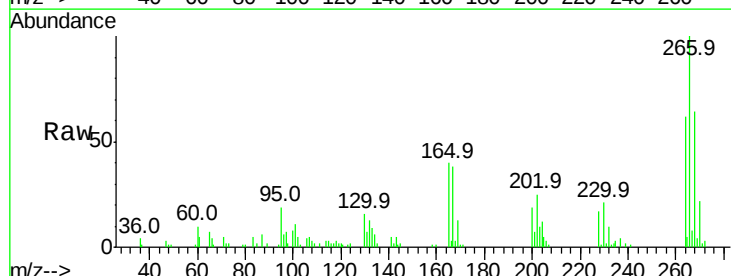
Instrument :
BNA_F
ClientSampleId :

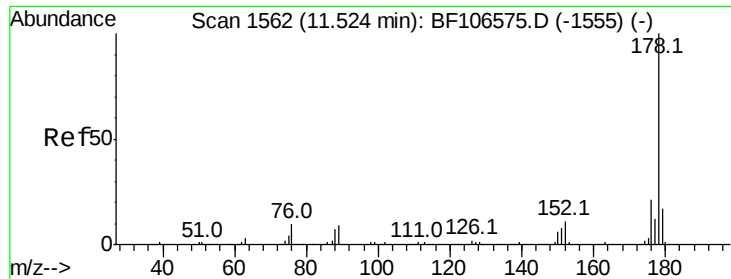
Tot Ion:200 Resp: 59758
Ion Ratio Lower Upper
200 100
173 24.7 8.6 48.6
215 46.7 25.1 65.1



#69
Pentachlorophenol
Concen: 35.797 ng
RT: 11.30 min Scan# 1524
Delta R.T. 0.00 min
Lab File: BF106693.D
Acq: 22 Jun 2018 7:51

Tgt Ion:266 Resp: 38523
Ion Ratio Lower Upper
266 100
268 64.4 51.1 76.7
264 62.3 49.5 74.3

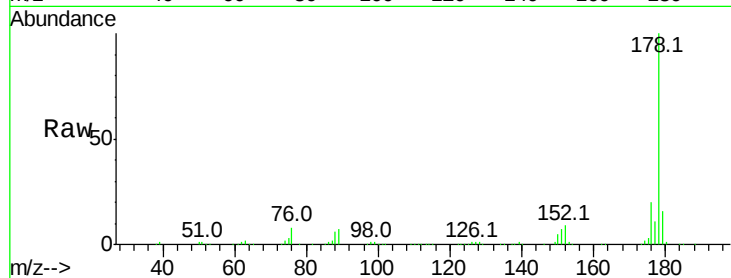




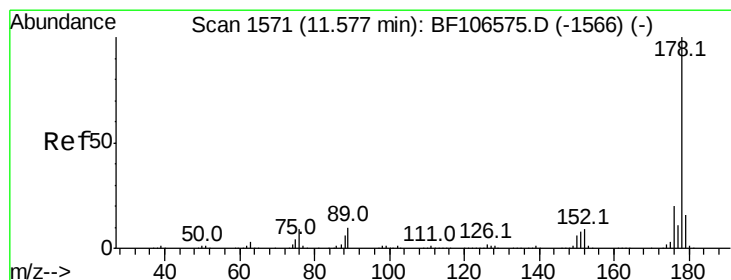
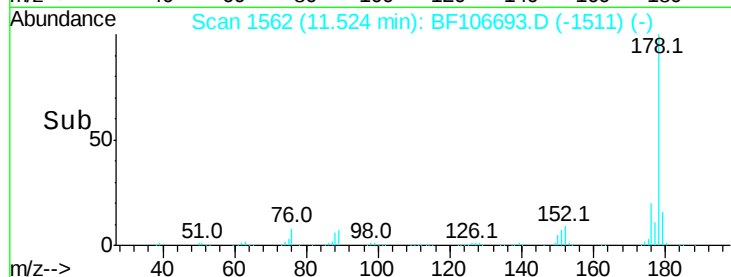
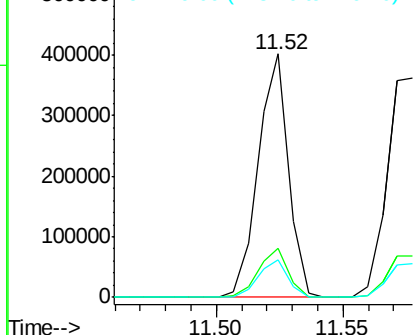
#70
Phenanthrene
Concen: 39.950 ng
RT: 11.52 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF106693.D
Acq: 22 Jun 2018 7:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 332703
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.8
179 15.6 13.0 19.6

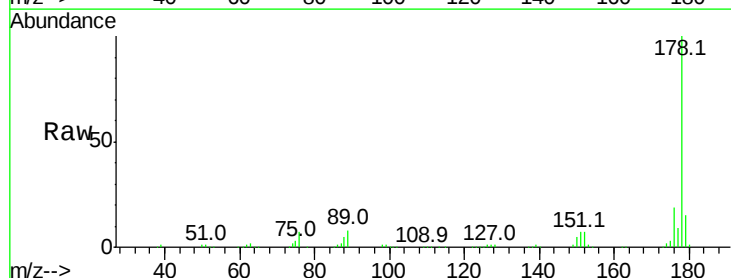


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

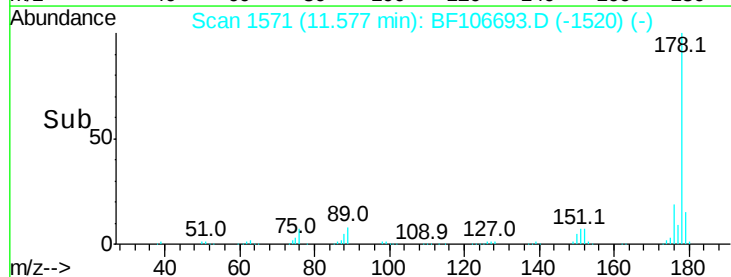
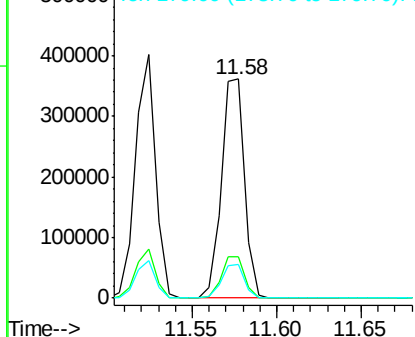


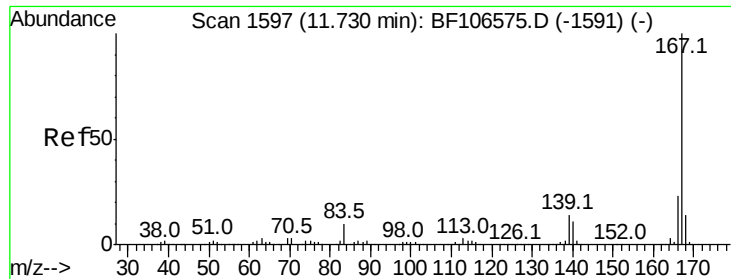
#71
Anthracene
Concen: 40.455 ng
RT: 11.58 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BF106693.D
Acq: 22 Jun 2018 7:51

Tgt Ion:178 Resp: 343892
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 15.2 12.6 19.0



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

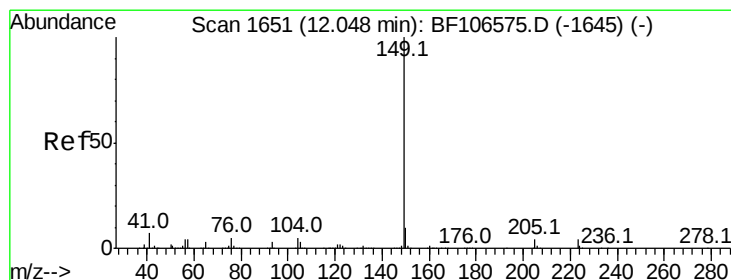
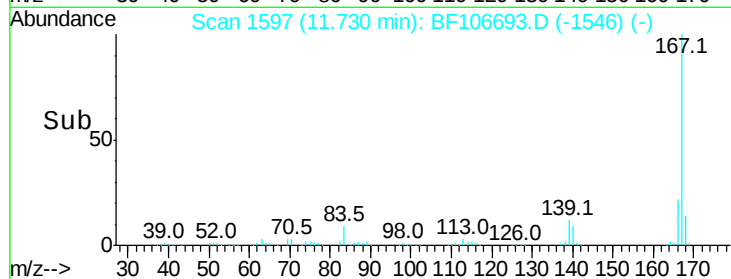
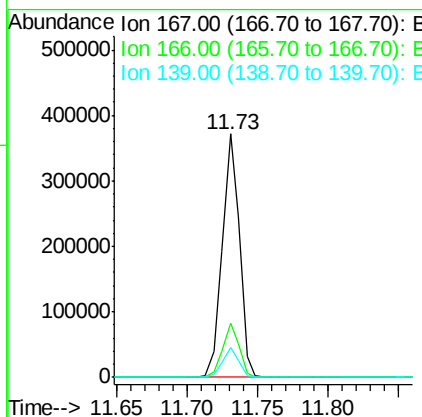
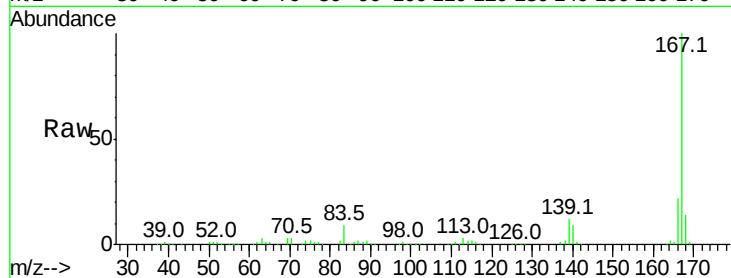




#72
 Carbazole
 Concen: 39.439 ng
 RT: 11.73 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: BF106693.D
 Acq: 22 Jun 2018 7:51

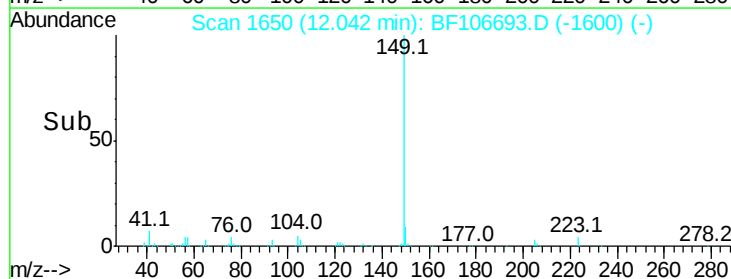
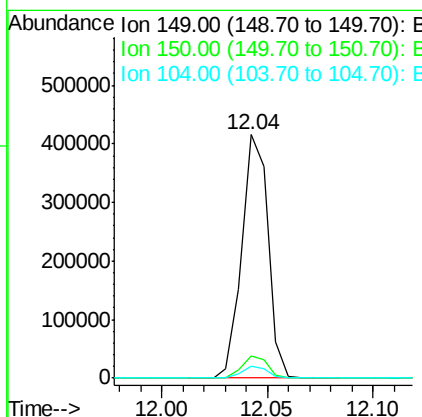
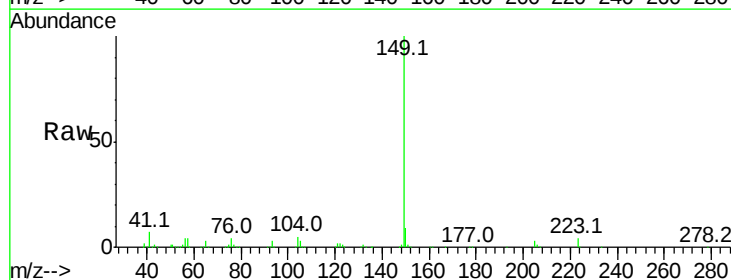
Instrument :
 BNA_F
 ClientSampleId :

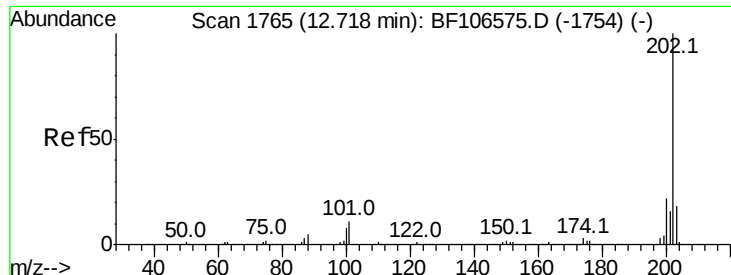
Tot Ion:167 Resp: 313879
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 12.0 10.9 16.3



#73
 Di-n-butylphthalate
 Concen: 38.013 ng
 RT: 12.04 min Scan# 1650
 Delta R.T. -0.01 min
 Lab File: BF106693.D
 Acq: 22 Jun 2018 7:51

Tgt Ion:149 Resp: 356403
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.8 11.6
 104 4.7 3.8 5.8

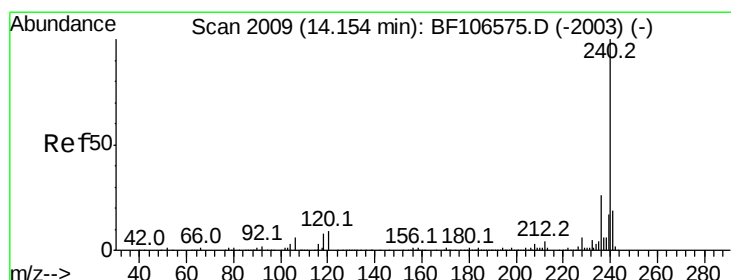
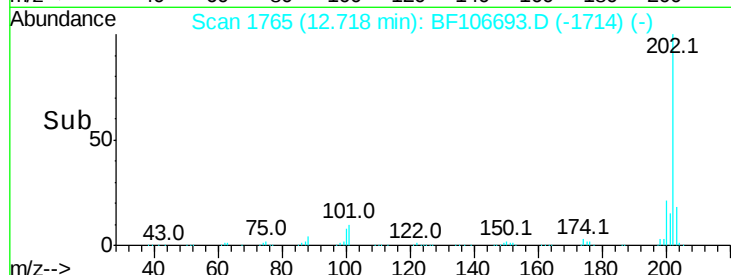
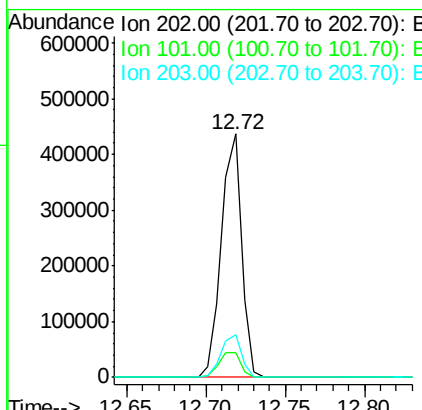
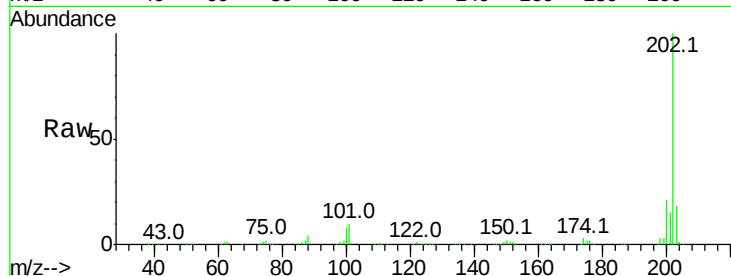




#74
 Fluoranthene
 Concen: 42.320 ng
 RT: 12.72 min Scan# 1765
 Delta R.T. 0.00 min
 Lab File: BF106693.D
 Acq: 22 Jun 2018 7:51

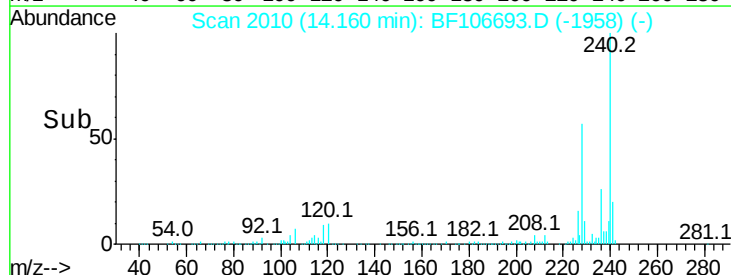
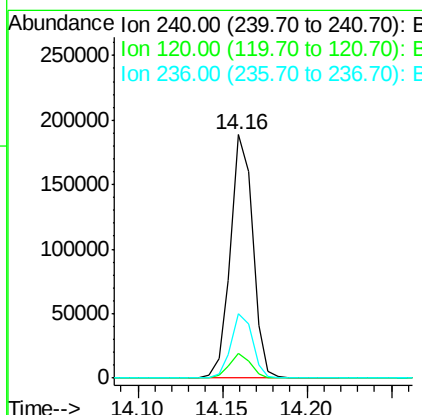
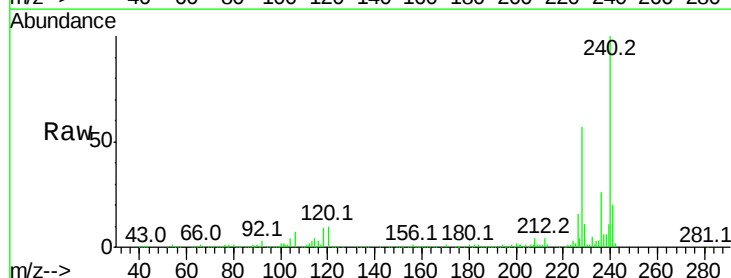
Instrument :
 BNA_F
 ClientSampleId :

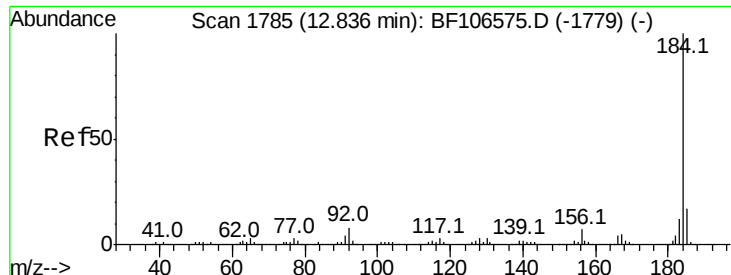
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	34.1
203	17.5	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.16 min Scan# 2010
 Delta R.T. 0.01 min
 Lab File: BF106693.D
 Acq: 22 Jun 2018 7:51

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.0	9.5	14.3
236	26.3	20.7	31.1

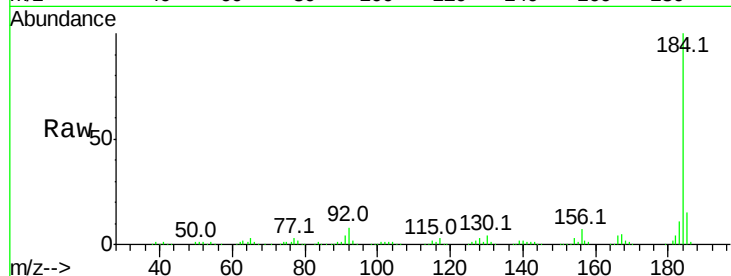




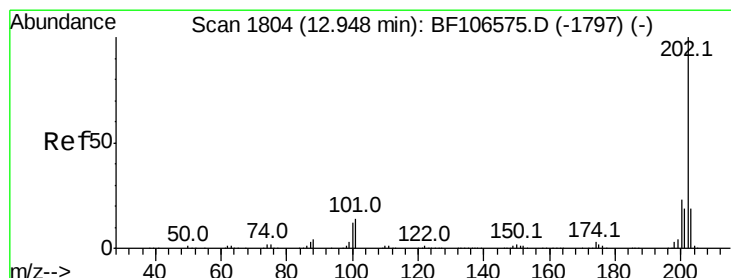
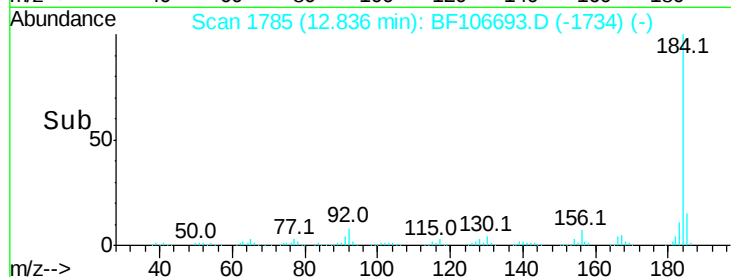
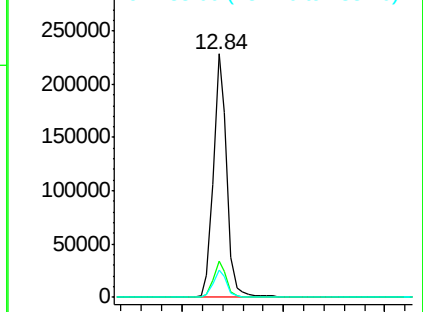
#76
Benzidine
Concen: 42.985 ng
RT: 12.84 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BF106693.D
Acq: 22 Jun 2018 7:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 211610
Ion Ratio Lower Upper
184 100
185 14.7 12.6 18.8
183 11.3 9.3 13.9

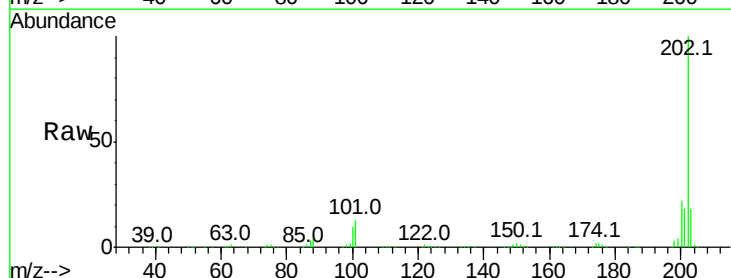


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

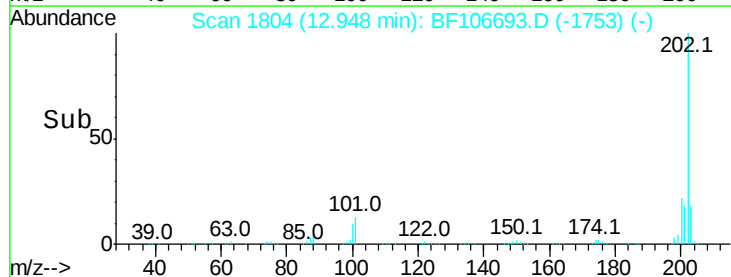
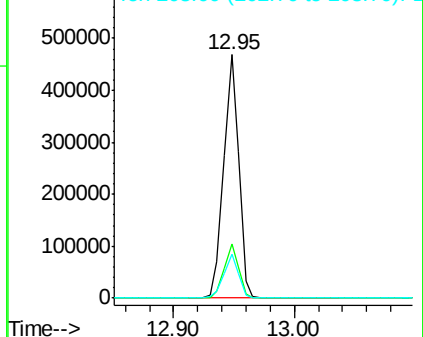


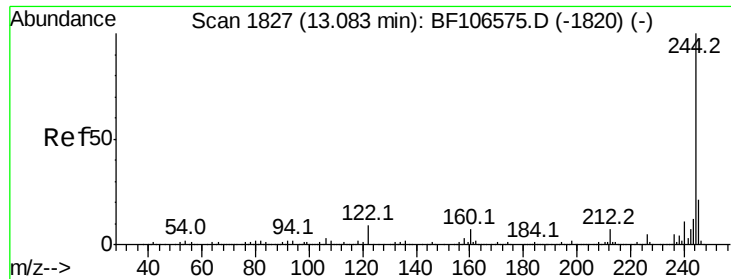
#77
Pyrene
Concen: 35.327 ng
RT: 12.95 min Scan# 1804
Delta R.T. 0.00 min
Lab File: BF106693.D
Acq: 22 Jun 2018 7:51

Tgt Ion:202 Resp: 402688
Ion Ratio Lower Upper
202 100
200 22.1 17.4 26.2
203 18.0 14.3 21.5



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

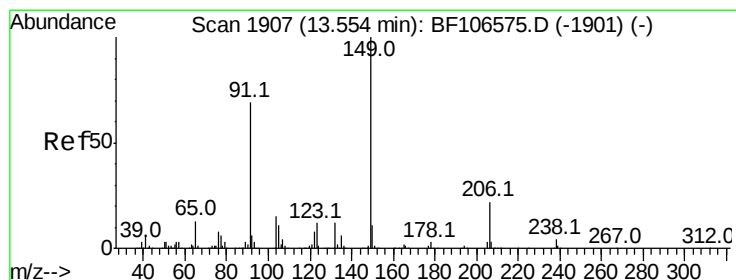
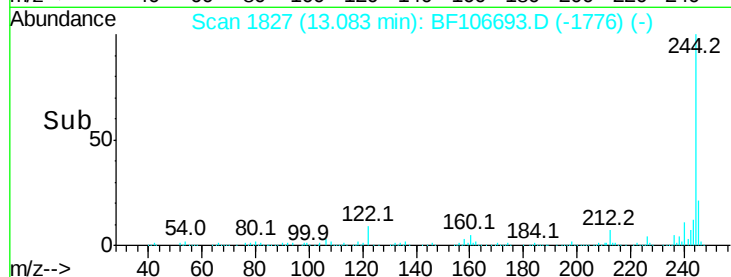
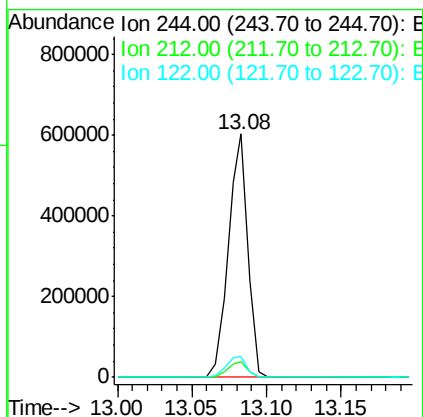
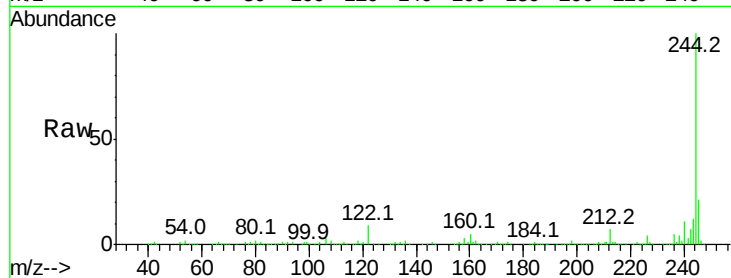




#78
 Terphenyl-d14
 Concen: 77.849 ng
 RT: 13.08 min Scan# 1827
 Delta R.T. 0.00 min
 Lab File: BF106693.D
 Acq: 22 Jun 2018 7:51

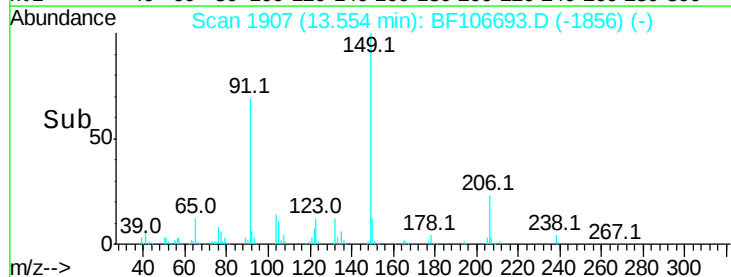
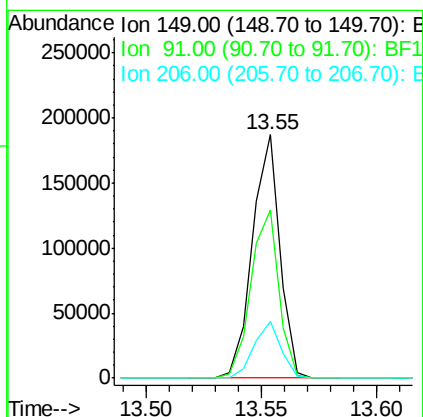
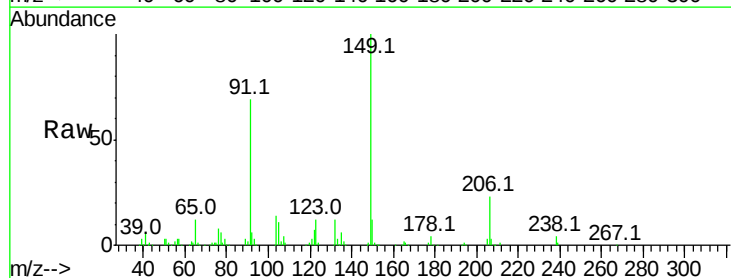
Instrument :
 BNA_F
 ClientSampleId :

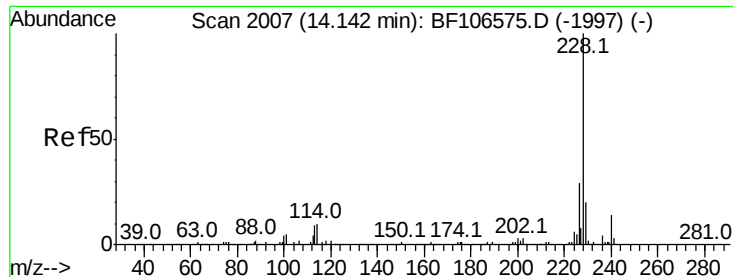
Tot Ion:244 Resp: 555533
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 8.5 11.0 16.4#



#79
 Butylbenzylphthalate
 Concen: 33.249 ng
 RT: 13.55 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: BF106693.D
 Acq: 22 Jun 2018 7:51

Tgt Ion:149 Resp: 155824
 Ion Ratio Lower Upper
 149 100
 91 68.9 56.8 85.2
 206 23.2 14.1 21.1#

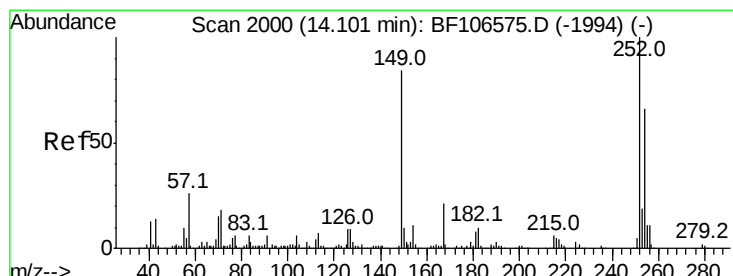
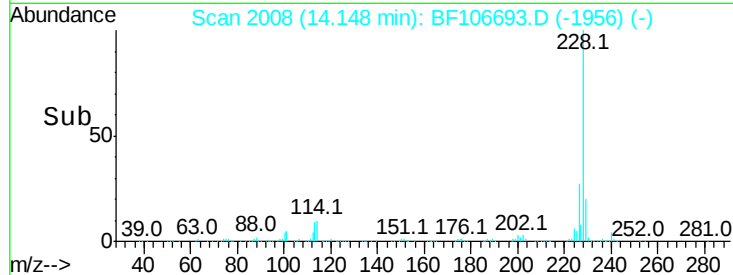
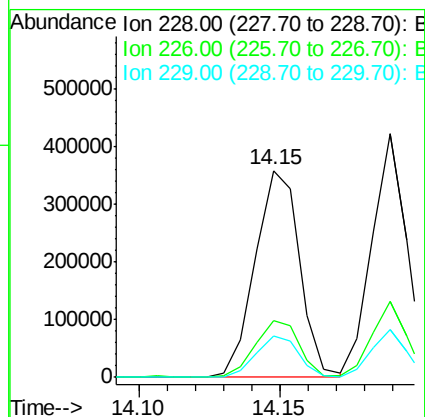
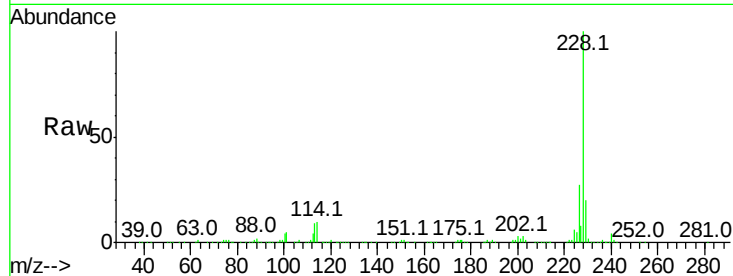




#80
Benzo(a)anthracene
Concen: 37.157 ng
RT: 14.15 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BF106693.D
Acq: 22 Jun 2018 7:51

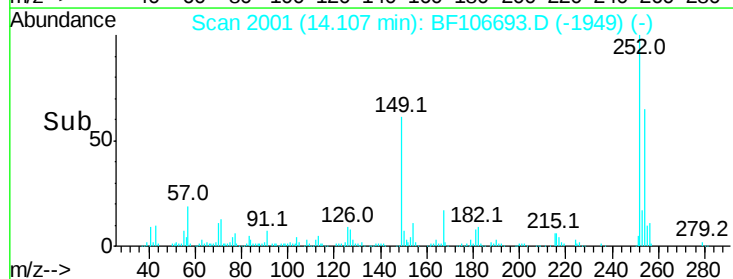
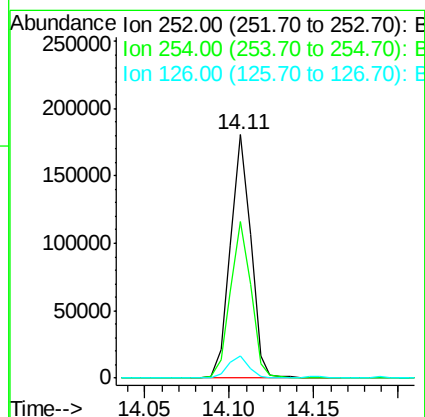
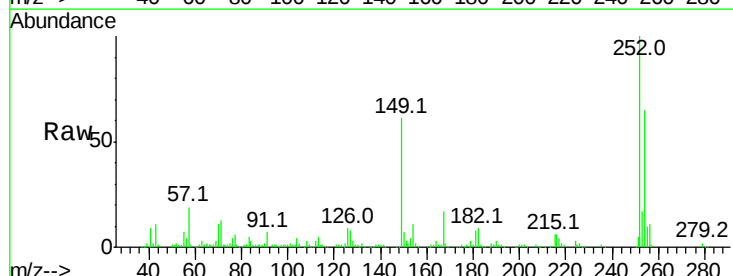
Instrument :
BNA_F
ClientSampleId :

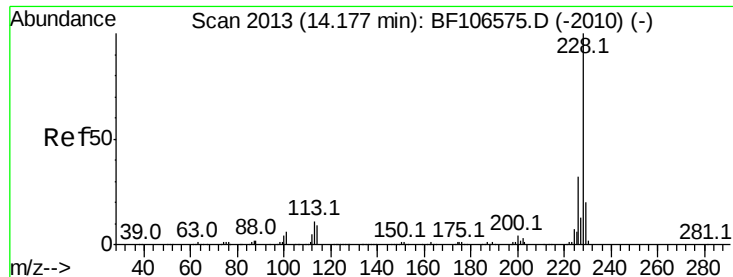
Tot Ion:228 Resp: 391458
Ion Ratio Lower Upper
228 100
226 27.5 22.6 33.8
229 19.7 15.8 23.6



#81
3,3'-Dichlorobenzidine
Concen: 41.054 ng
RT: 14.11 min Scan# 2001
Delta R.T. 0.01 min
Lab File: BF106693.D
Acq: 22 Jun 2018 7:51

Tgt Ion:252 Resp: 152008
Ion Ratio Lower Upper
252 100
254 64.5 50.4 75.6
126 8.9 11.3 16.9#





#82

Chrysene

Concen: 36.959 ng

RT: 14.19 min Scan# 2015

Delta R.T. 0.01 min

Lab File: BF106693.D

Acq: 22 Jun 2018 7:51

Instrument :

BNA_F

ClientSampled :

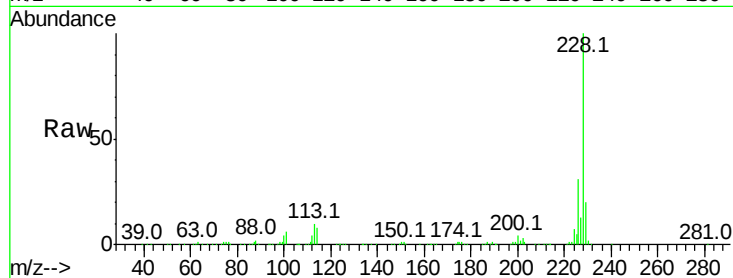
Tot Ion:228 Resp: 358211

Ion Ratio Lower Upper

228 100

226 31.2 25.0 37.6

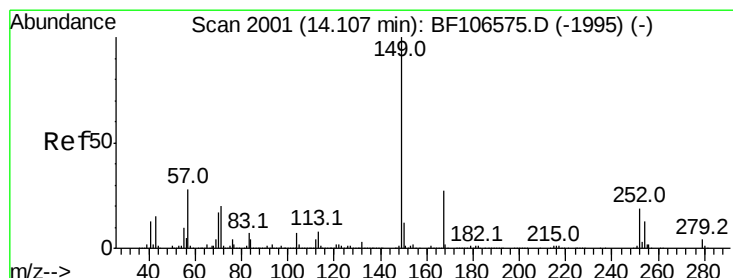
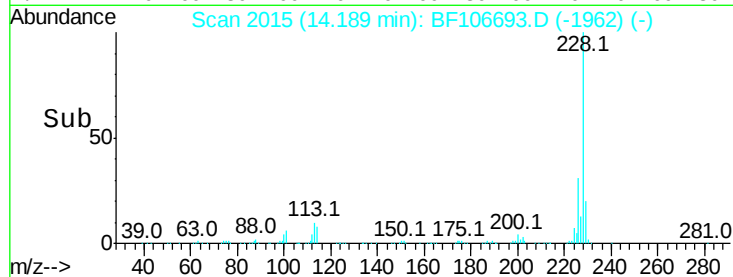
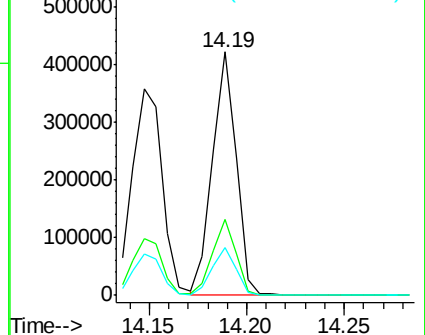
229 19.8 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 35.518 ng

RT: 14.11 min Scan# 2002

Delta R.T. 0.01 min

Lab File: BF106693.D

Acq: 22 Jun 2018 7:51

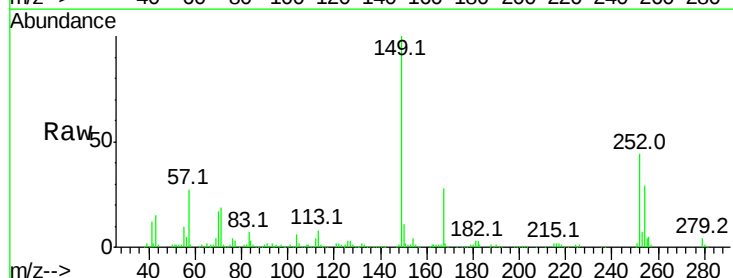
Tgt Ion:149 Resp: 212811

Ion Ratio Lower Upper

149 100

167 28.2 21.3 31.9

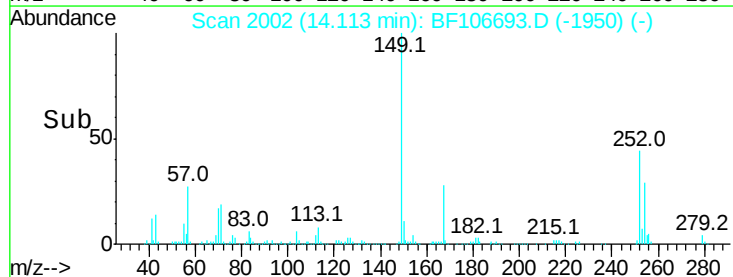
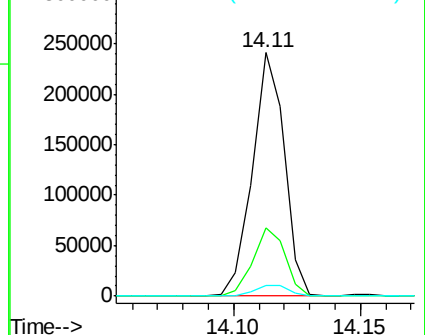
279 4.1 3.0 4.4

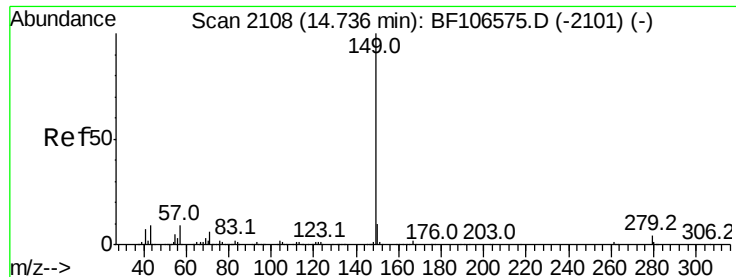


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 38.985 ng

RT: 14.76 min Scan# 2112

Delta R.T. 0.02 min

Lab File: BF106693.D

Acq: 22 Jun 2018 7:51

Instrument :

BNA_F

ClientSampleId :

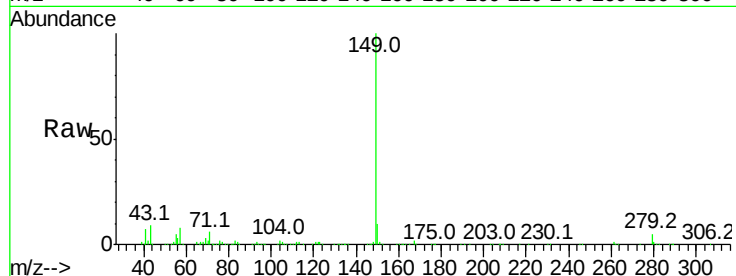
Tot Ion:149 Resp: 380757

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

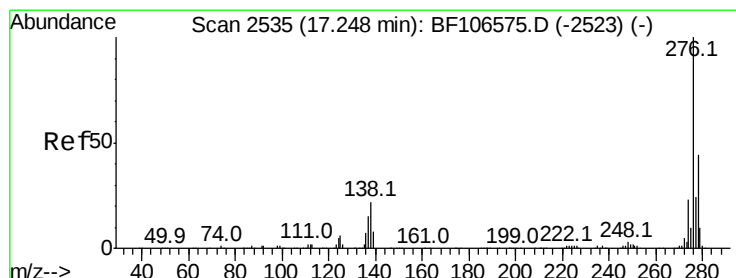
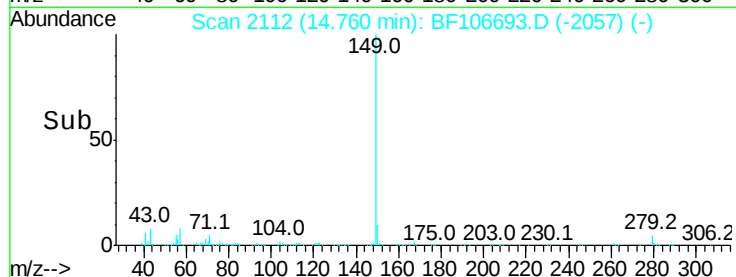
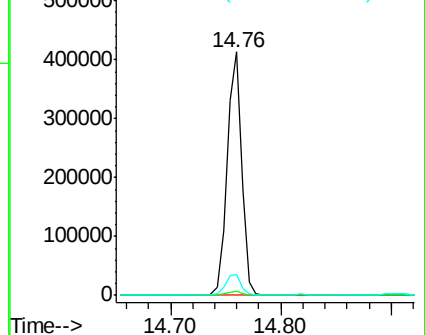
43 8.9 8.4 12.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#85

Indeno(1,2,3-cd)pyrene

Concen: 33.195 ng

RT: 17.29 min Scan# 2543

Delta R.T. 0.05 min

Lab File: BF106693.D

Acq: 22 Jun 2018 7:51

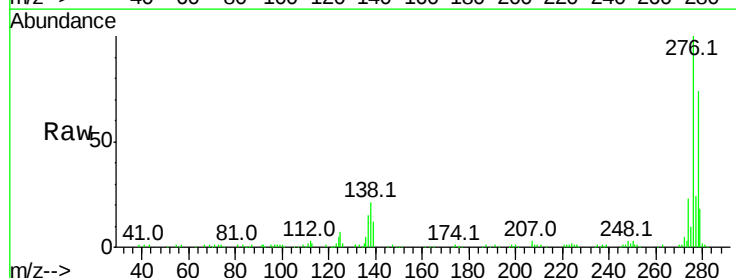
Tgt Ion:276 Resp: 273034

Ion Ratio Lower Upper

276 100

138 21.9 25.0 37.6#

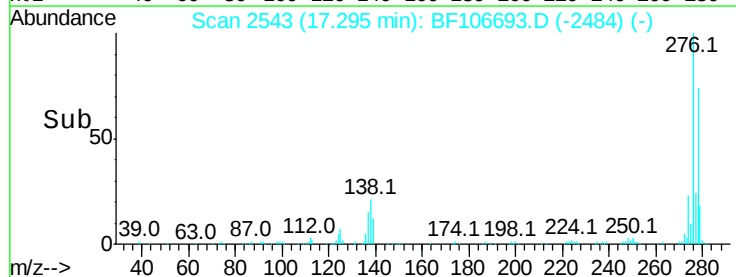
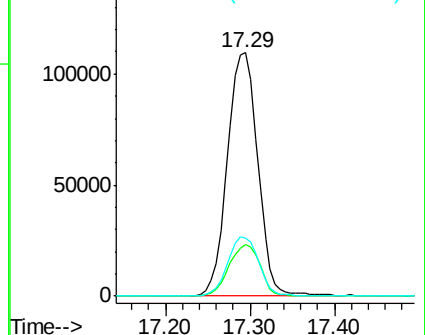
277 24.9 20.1 30.1

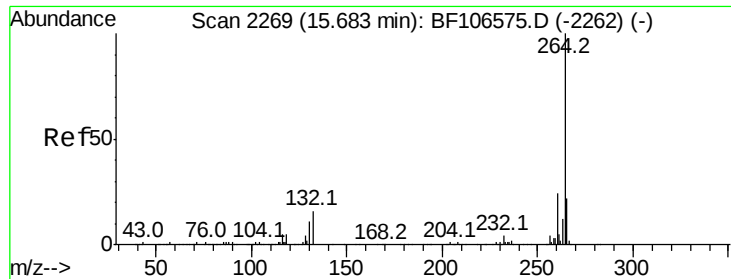


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

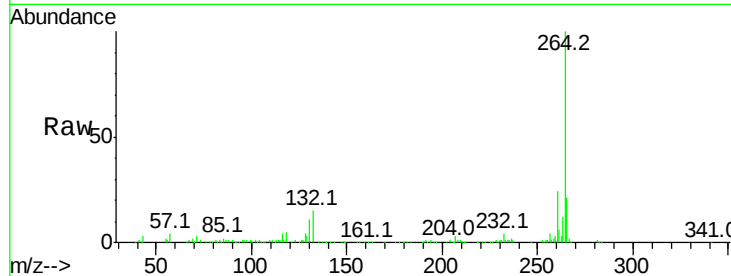




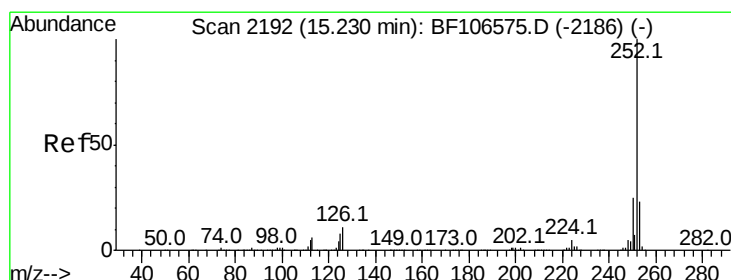
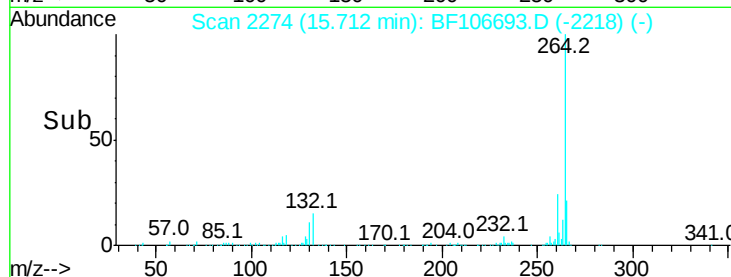
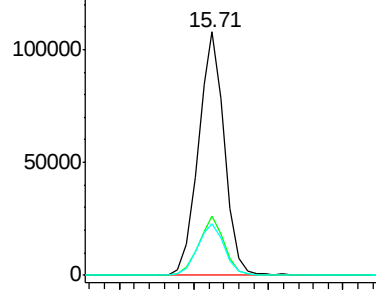
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2274
Delta R.T. 0.03 min
Lab File: BF106693.D
Acq: 22 Jun 2018 7:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 131674
Ion Ratio Lower Upper
264 100
260 24.3 19.2 28.8
265 21.2 17.5 26.3

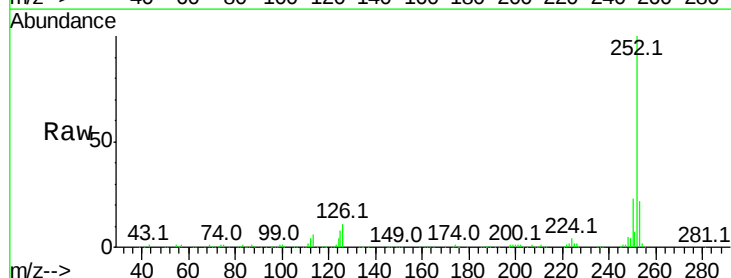


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

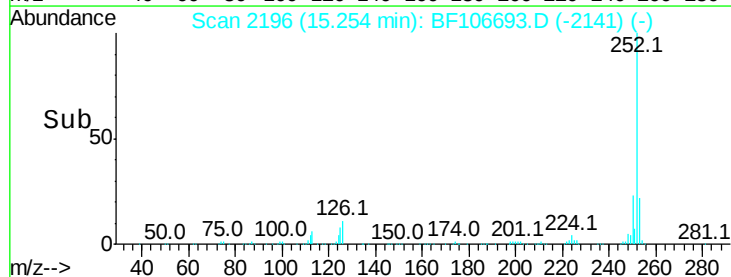
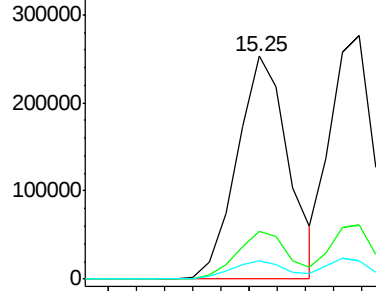


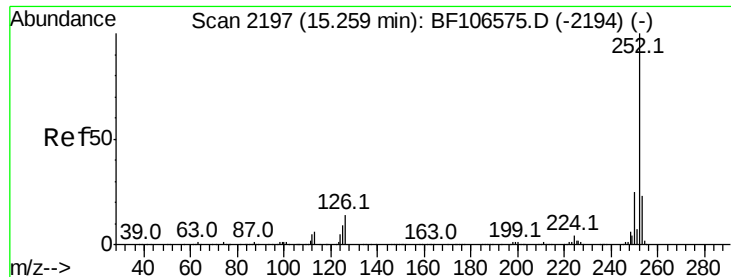
#87
Benzo(b)fluoranthene
Concen: 39.051 ng
RT: 15.25 min Scan# 2196
Delta R.T. 0.02 min
Lab File: BF106693.D
Acq: 22 Jun 2018 7:51

Tgt Ion:252 Resp: 319416
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.6
125 8.4 9.0 13.6#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

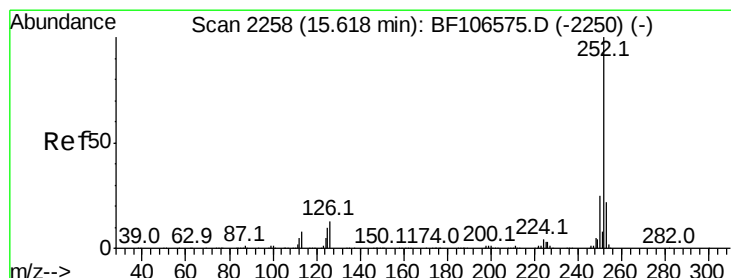
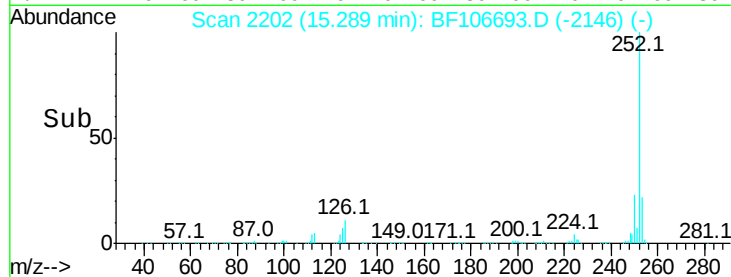
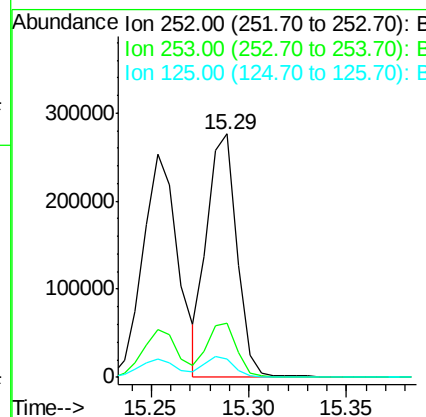
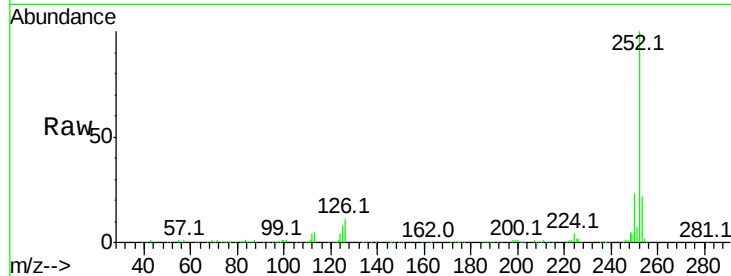




#88
Benzo(k)fluoranthene
Concen: 37.629 ng
RT: 15.29 min Scan# 2202
Delta R.T. 0.03 min
Lab File: BF106693.D
Acq: 22 Jun 2018 7:51

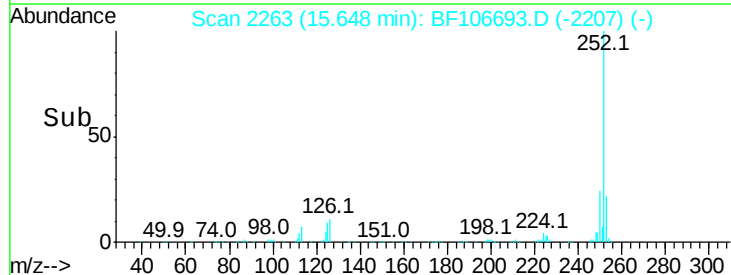
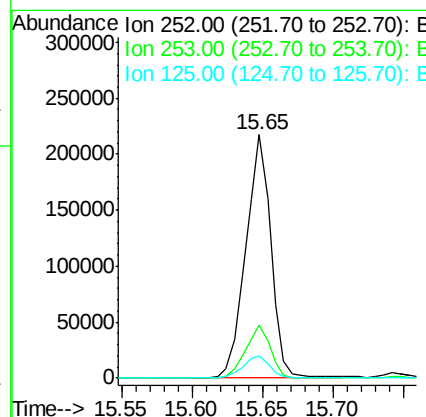
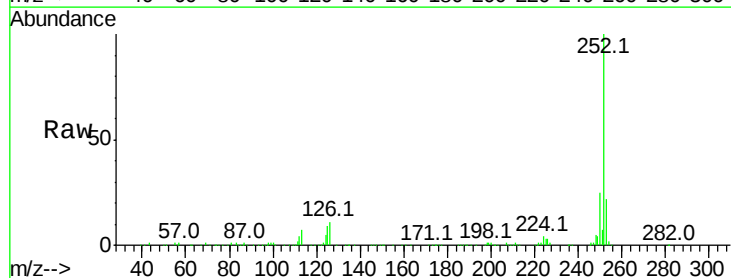
Instrument :
BNA_F
ClientSampleId :

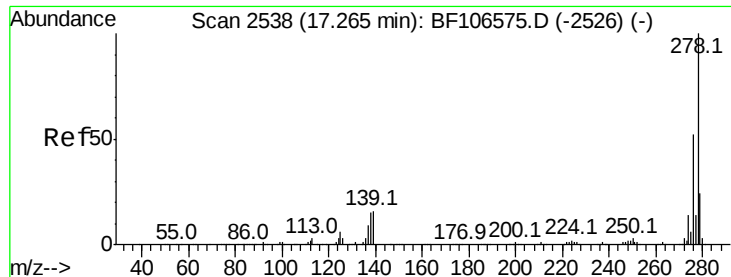
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	7.6	10.2	15.2#



#89
Benzo(a)pyrene
Concen: 37.136 ng
RT: 15.65 min Scan# 2263
Delta R.T. 0.03 min
Lab File: BF106693.D
Acq: 22 Jun 2018 7:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	9.1	9.8	14.6#





#90

Dibenzo(a,h)anthracene

Concen: 38.126 ng

RT: 17.31 min Scan# 2545

Delta R.T. 0.04 min

Lab File: BF106693.D

Acq: 22 Jun 2018 7:51

Instrument :

BNA_F

ClientSampleId :

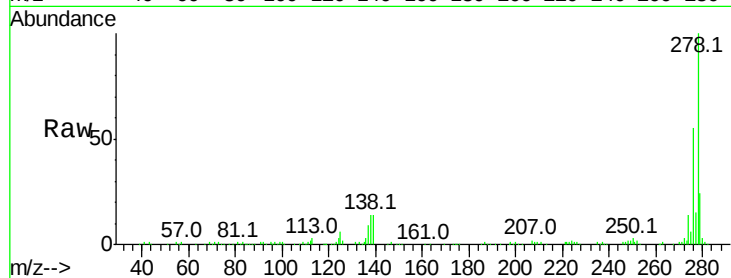
Tot Ion:278 Resp: 234947

Ion Ratio Lower Upper

278 100

139 13.8 15.9 23.9#

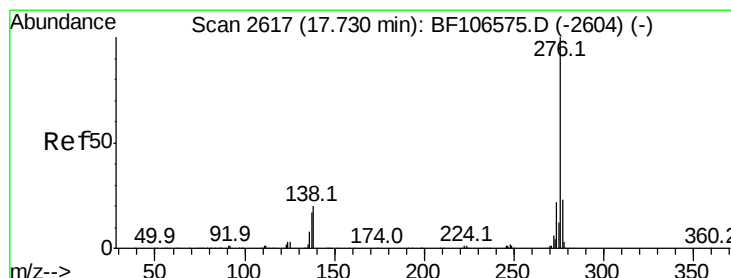
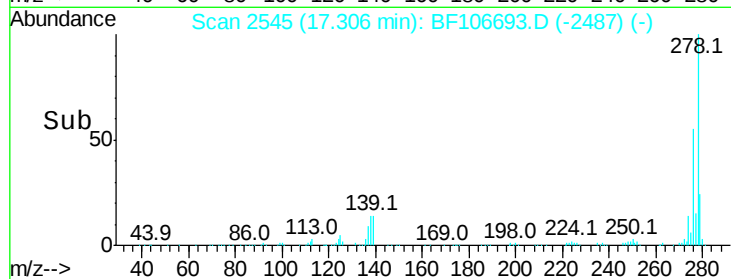
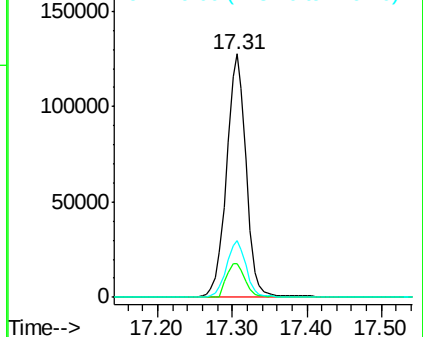
279 23.5 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 36.774 ng

RT: 17.77 min Scan# 2624

Delta R.T. 0.04 min

Lab File: BF106693.D

Acq: 22 Jun 2018 7:51

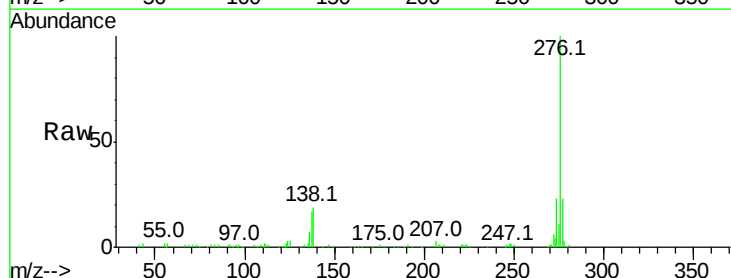
Tgt Ion:276 Resp: 221503

Ion Ratio Lower Upper

276 100

277 23.1 17.9 26.9

138 19.5 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

