

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062018\
 Data File : BF106621.D
 Acq On : 20 Jun 2018 16:02
 Operator : JU/SJ
 Sample : PB110380BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110380BS

Quant Time: Jun 21 01:00:25 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	93756	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	365458	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	201108	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	419974	20.00	ng	0.00
75) Chrysene-d12	14.15	240	349117	20.00	ng	0.00
86) Perylene-d12	15.69	264	284044	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	656975	118.66	ng	0.00
7) Phenol-d6	6.61	99	840354	121.54	ng	0.00
23) Nitrobenzene-d5	7.52	82	567101	86.24	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	323255	138.68	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1040789	88.14	ng	0.00
78) Terphenyl-d14	13.08	244	1348182	93.54	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.88	88	95177	33.436	ng	96
3) Pyridine	3.65	79	292276	37.860	ng	98
4) n-Nitrosodimethylamine	3.61	42	123775	37.749	ng	88
6) Aniline	6.62	93	193649	20.646	ng	# 59
8) 2-Chlorophenol	6.75	128	247840	40.811	ng	98
9) Benzaldehyde	6.51	77	128969	24.684	ng	99
10) Phenol	6.62	94	310353	39.330	ng	89
11) bis(2-Chloroethyl)ether	6.70	93	260535	39.994	ng	99
12) 1,3-Dichlorobenzene	6.90	146	285430	40.130	ng	99
13) 1,4-Dichlorobenzene	6.98	146	290712	40.428	ng	98
14) 1,2-Dichlorobenzene	7.13	146	266968	40.510	ng	98
15) Benzyl Alcohol	7.10	79	228818	41.213	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	387398	45.325	ng	93
17) 2-Methylphenol	7.22	107	218565	42.056	ng	# 93
18) Hexachloroethane	7.47	117	103290	40.846	ng	# 87
19) n-Nitroso-di-n-propylamine	7.37	70	174422	38.269	ng	96
20) 3+4-Methylphenols	7.37	107	261196	47.206	ng	# 73
22) Acetophenone	7.37	105	339562	41.530	ng	# 93
24) Nitrobenzene	7.54	77	281514	41.930	ng	97
25) Isophorone	7.78	82	522405	45.081	ng	98
26) 2-Nitrophenol	7.86	139	142188	44.862	ng	98
27) 2,4-Dimethylphenol	7.90	122	235188	48.009	ng	99
28) bis(2-Chloroethoxy)methane	7.98	93	327886	42.142	ng	99
29) 2,4-Dichlorophenol	8.11	162	233252	45.479	ng	93
30) 1,2,4-Trichlorobenzene	8.18	180	254693	45.079	ng	96
31) Naphthalene	8.27	128	725394	42.455	ng	100
32) Benzoic acid	8.02	122	162175	45.809	ng	96
33) 4-Chloroaniline	8.31	127	84152	11.738	ng	98
34) Hexachlorobutadiene	8.37	225	164155	44.589	ng	99
35) Caprolactam	8.69	113	43577	26.065	ng	96
36) 4-Chloro-3-methylphenol	8.81	107	251824	46.648	ng	98
37) 2-Methylnaphthalene	8.96	142	544733	48.099	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	277400	40.959	ng	97
40) Hexachlorocyclopentadiene	9.11	237	339686	97.484	ng	98

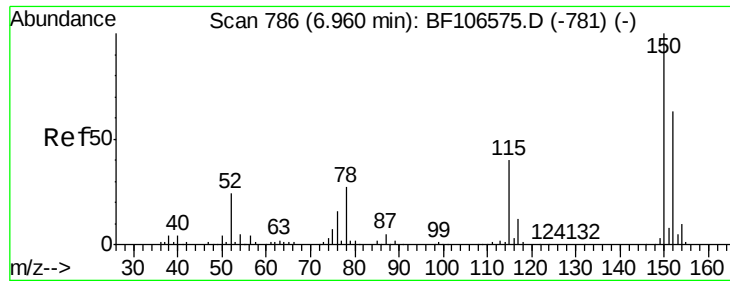
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062018\
 Data File : BF106621.D
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 QLast Update : Tue Jun 19 14:32:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	176990	39.314	ng	91
43) 2,4,5-Trichlorophenol	9.29	196	189094	40.253	ng	# 86
45) 1,1'-Biphenyl	9.42	154	642114	40.064	ng	99
46) 2-Chloronaphthalene	9.45	162	482516	38.247	ng	96
47) 2-Nitroaniline	9.55	65	163760	38.602	ng	96
48) Acenaphthylene	9.87	152	775280	38.924	ng	98
49) Dimethylphthalate	9.72	163	585358	38.808	ng	97
50) 2,6-Dinitrotoluene	9.78	165	139361	43.633	ng	97
51) Acenaphthene	10.04	154	478278	38.133	ng	98
52) 3-Nitroaniline	9.95	138	68015	18.506	ng	95
53) 2,4-Dinitrophenol	10.07	184	158875	94.623	ng	# 20
54) Dibenzofuran	10.21	168	726462	42.299	ng	97
55) 4-Nitrophenol	10.14	139	197584	77.017	ng	97
56) 2,4-Dinitrotoluene	10.20	165	193802	46.486	ng	86
57) Fluorene	10.55	166	563793	41.369	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	182550	48.886	ng	# 79
59) Diethylphthalate	10.42	149	571099	39.229	ng	# 93
60) 4-Chlorophenyl-phenylether	10.54	204	295653	41.461	ng	# 84
61) 4-Nitroaniline	10.58	138	149821	41.074	ng	94
62) Azobenzene	10.70	77	569490	39.725	ng	96
64) 4,6-Dinitro-2-methylphenol	10.60	198	117955	45.436	ng	79
65) n-Nitrosodiphenylamine	10.67	169	509806	36.090	ng	99
66) 4-Bromophenyl-phenylether	11.03	248	210832	42.064	ng	# 84
67) Hexachlorobenzene	11.10	284	221886	42.297	ng	# 84
68) Atrazine	11.19	200	193523	43.094	ng	95
69) Pentachlorophenol	11.30	266	218143	83.340	ng	99
70) Phenanthrene	11.52	178	860326	42.472	ng	98
71) Anthracene	11.57	178	907619	43.898	ng	99
72) Carbazole	11.73	167	814258	42.064	ng	98
73) Di-n-butylphthalate	12.04	149	930076	40.784	ng	100
74) Fluoranthene	12.71	202	985686	44.149	ng	96
76) Benzidine	12.83	184	336668	33.861	ng	98
77) Pyrene	12.94	202	993305	43.146	ng	98
79) Butylbenzylphthalate	13.55	149	403250	42.602	ng	# 97
80) Benzo(a)anthracene	14.14	228	887835	41.726	ng	98
81) 3,3'-Dichlorobenzidine	14.10	252	163446	21.856	ng	# 97
82) Chrysene	14.18	228	819071	41.842	ng	99
83) Bis(2-ethylhexyl)phthalate	14.11	149	551464	45.571	ng	97
84) Di-n-octyl phthalate	14.75	149	806215	40.872	ng	# 98
85) Indeno(1,2,3-cd)pyrene	17.27	276	777442	46.800	ng	# 91
87) Benzo(b)fluoranthene	15.24	252	740514	41.968	ng	# 96
88) Benzo(k)fluoranthene	15.27	252	674785	40.159	ng	# 95
89) Benzo(a)pyrene	15.63	252	679018	43.289	ng	# 96
90) Dibenzo(a,h)anthracene	17.28	278	639616	48.115	ng	# 94
91) Benzo(g,h,i)perylene	17.75	276	664321	51.128	ng	# 91

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

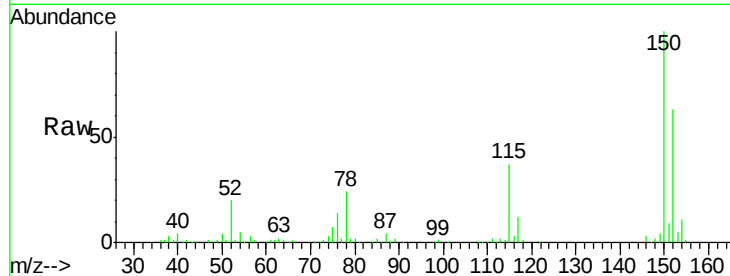


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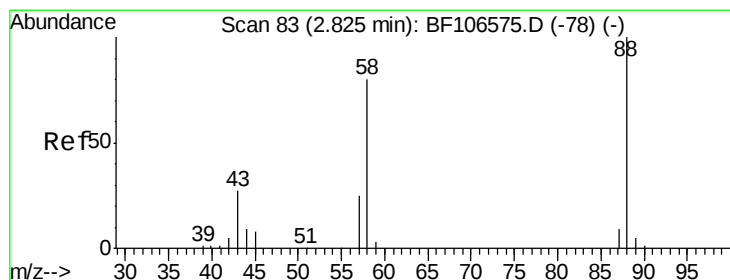
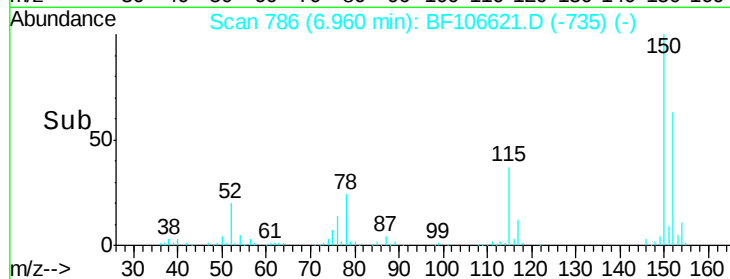
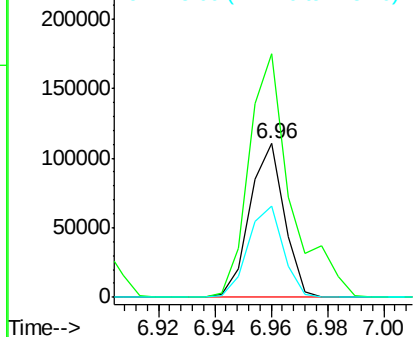
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106621.D
Acq: 20 Jun 2018 16:02

Instrument :
BNA_F
ClientSampleId :
PB110380BS

Tgt Ion: 152 Resp: 93756
Ion Ratio Lower Upper
152 100
150 158.5 124.6 186.8
115 59.1 50.1 75.1



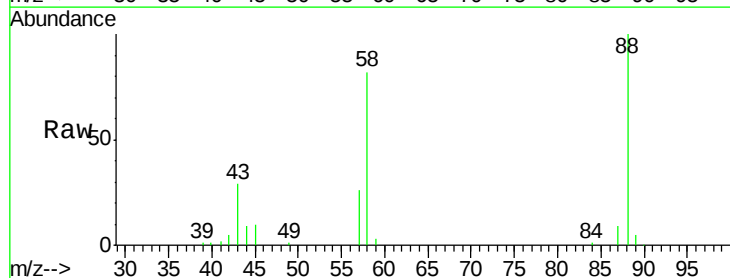
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



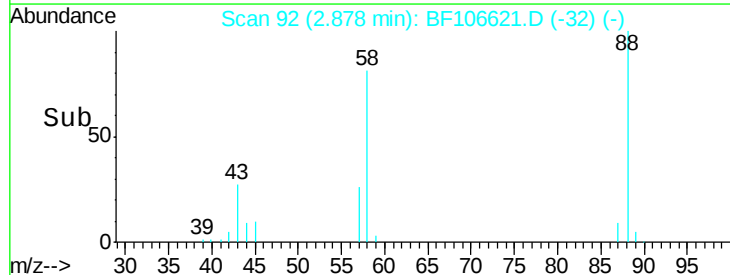
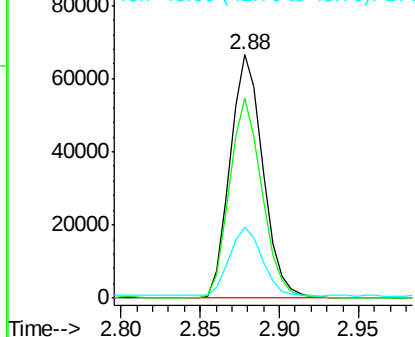
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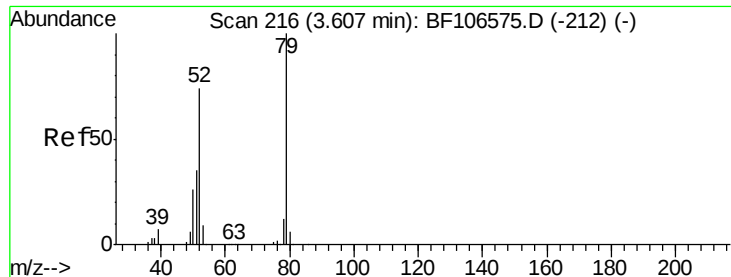
1,4-Dioxane
Concen: 33.436 ng
RT: 2.88 min Scan# 92
Delta R.T. 0.05 min
Lab File: BF106621.D
Acq: 20 Jun 2018 16:02

Tgt Ion: 88 Resp: 95177
Ion Ratio Lower Upper
88 100
58 81.3 62.6 93.8
43 28.3 24.6 37.0



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





#3

Pyridine

Concen: 37.860 ng

RT: 3.65 min Scan# 223

Delta R.T. 0.04 min

Lab File: BF106621.D

Acq: 20 Jun 2018 16:02

Instrument :

BNA_F

ClientSampleId :

PB110380BS

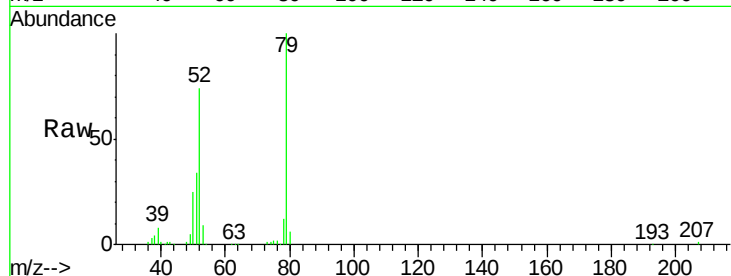
Tgt Ion: 79 Resp: 292276

Ion Ratio Lower Upper

79 100

52 74.2 59.8 89.6

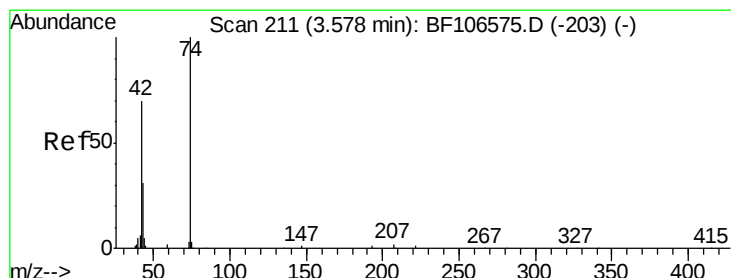
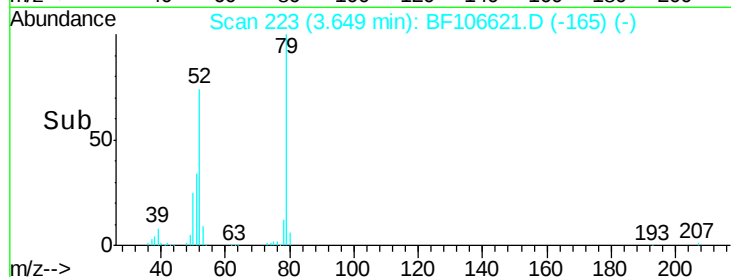
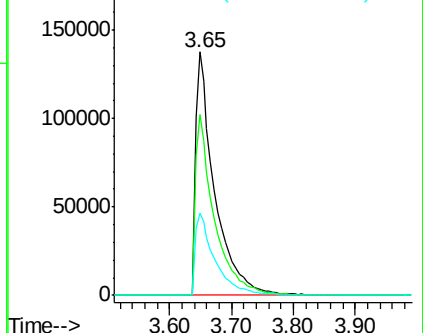
51 34.0 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 37.749 ng

RT: 3.61 min Scan# 216

Delta R.T. 0.03 min

Lab File: BF106621.D

Acq: 20 Jun 2018 16:02

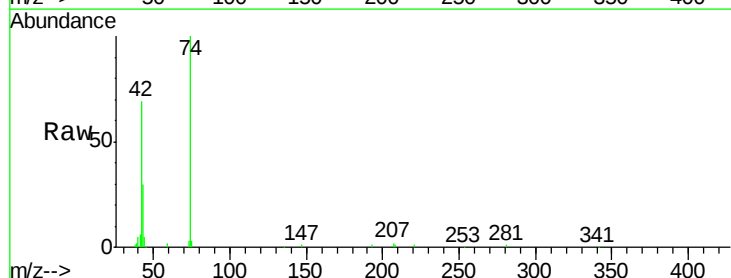
Tgt Ion: 42 Resp: 123775

Ion Ratio Lower Upper

42 100

74 145.2 104.9 157.3

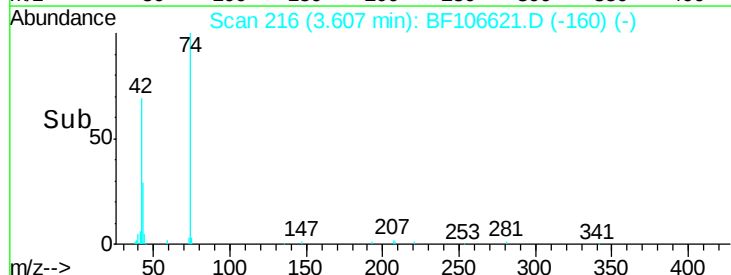
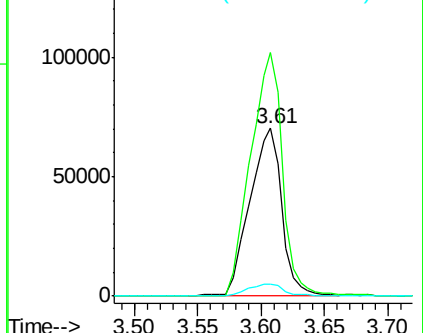
44 7.1 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 118.656 ng

RT: 5.61 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF106621.D

Acq: 20 Jun 2018 16:02

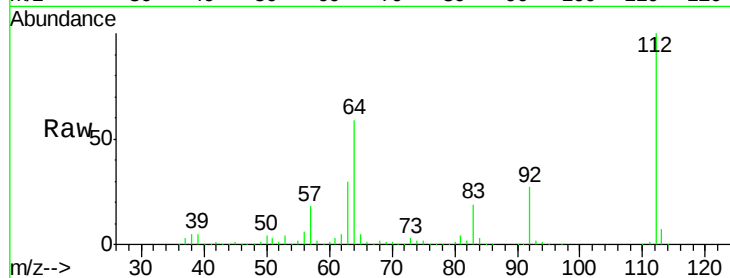
Instrument :

BNA_F

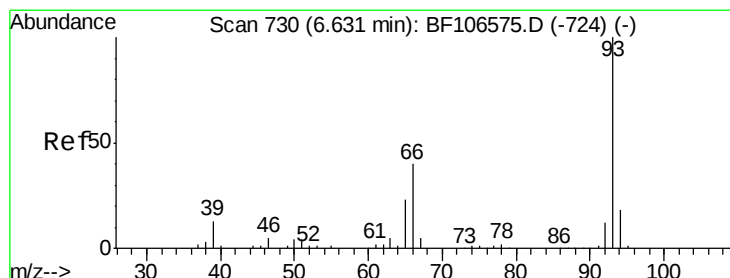
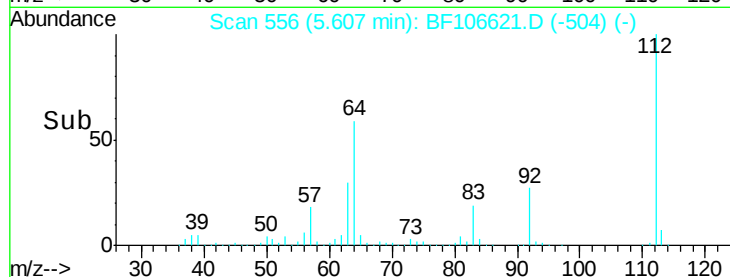
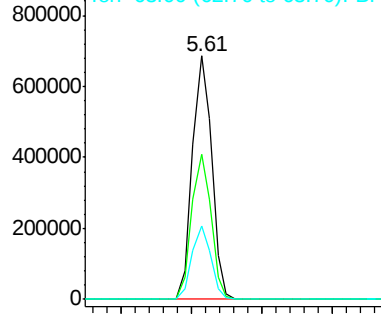
ClientSampleId :

PB110380BS

Tgt Ion:	112	Resp:	656975
Ion	Ratio	Lower	Upper
112	100		
64	59.4	47.9	71.9
63	30.1	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1



#6

Aniline

Concen: 20.646 ng

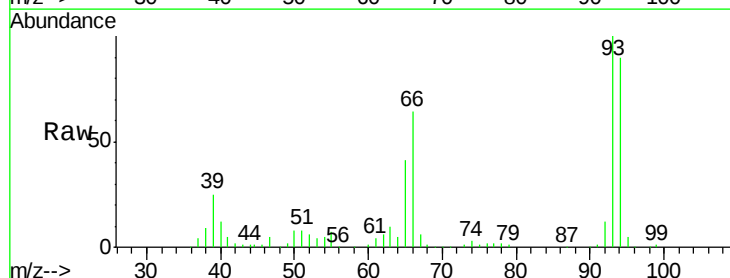
RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

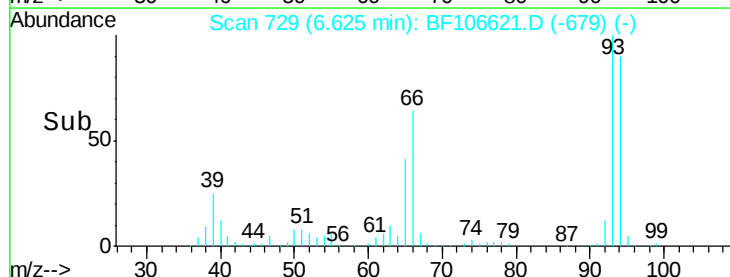
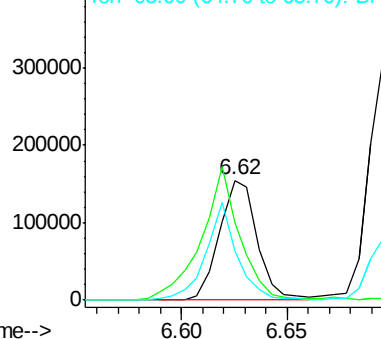
Lab File: BF106621.D

Acq: 20 Jun 2018 16:02

Tgt Ion:	93	Resp:	193649
Ion	Ratio	Lower	Upper
93	100		
66	64.1	32.2	48.2#
65	41.3	16.4	24.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1





#7

Phenol-d6

Concen: 121.537 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF106621.D

Acq: 20 Jun 2018 16:02

Instrument :

BNA_F

ClientSampleId :

PB110380BS

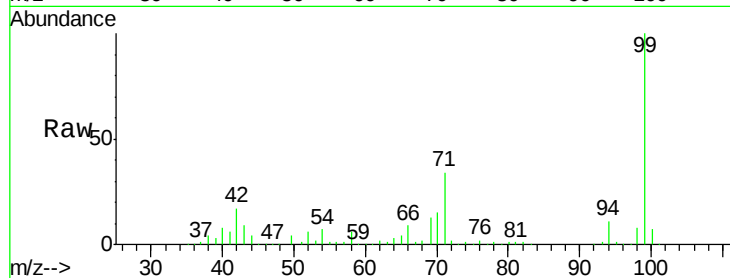
Tgt Ion: 99 Resp: 840354

Ion Ratio Lower Upper

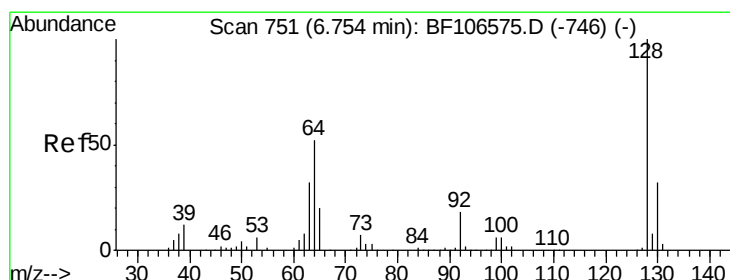
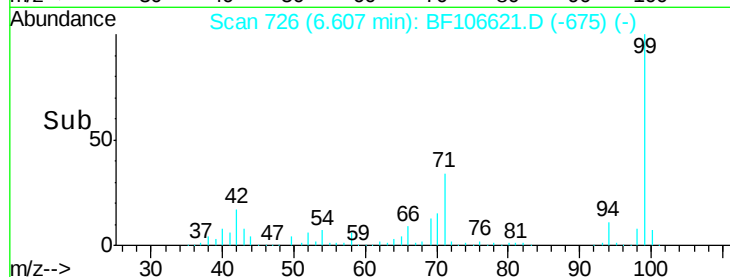
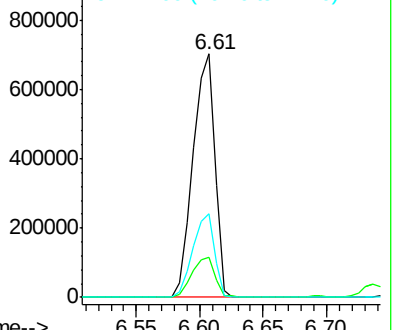
99 100

42 16.7 14.5 21.7

71 34.4 25.4 38.0



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



#8

2-Chlorophenol

Concen: 40.811 ng

RT: 6.75 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF106621.D

Acq: 20 Jun 2018 16:02

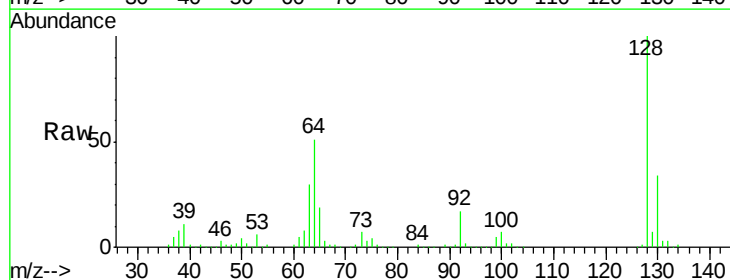
Tgt Ion: 128 Resp: 247840

Ion Ratio Lower Upper

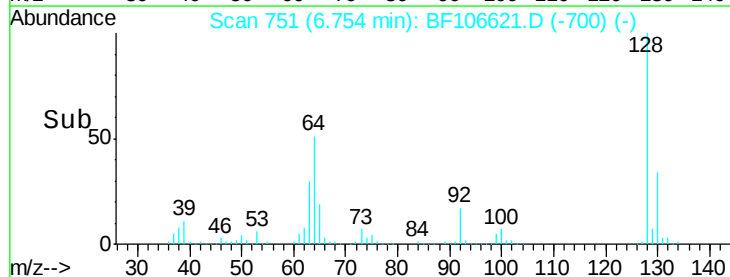
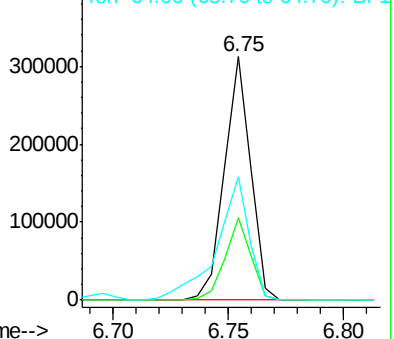
128 100

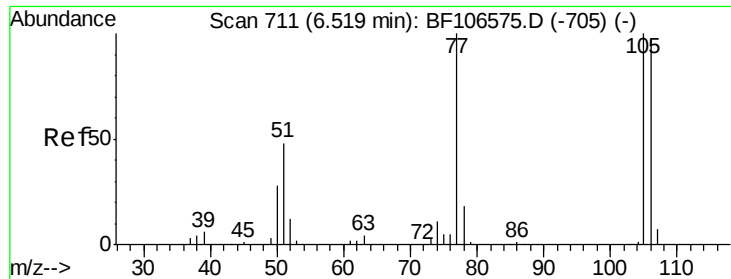
130 33.8 13.0 53.0

64 50.5 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: 24.684 ng

RT: 6.51 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF106621.D

Acq: 20 Jun 2018 16:02

Instrument :

BNA_F

ClientSampleId :

PB110380BS

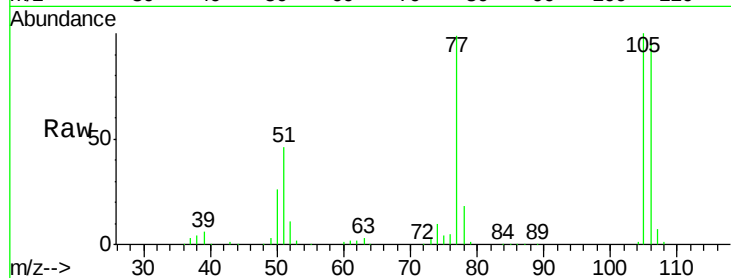
Tgt Ion: 77 Resp: 128969

Ion Ratio Lower Upper

77 100

105 101.4 81.1 121.1

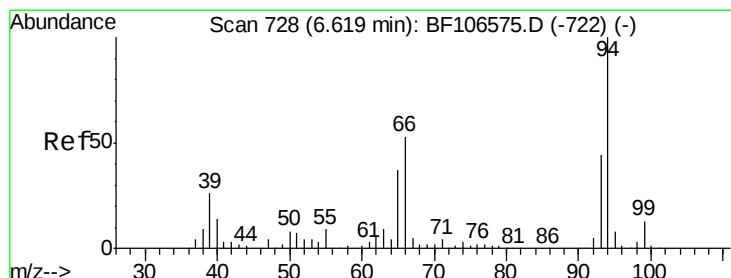
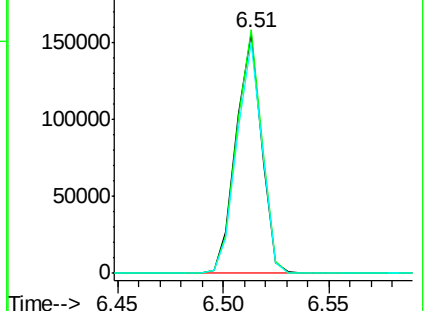
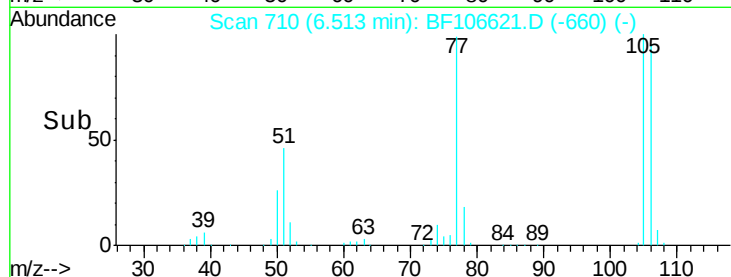
106 96.2 74.5 114.5



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: 39.330 ng

RT: 6.62 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF106621.D

Acq: 20 Jun 2018 16:02

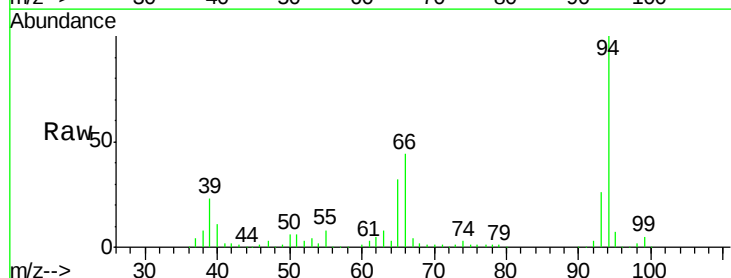
Tgt Ion: 94 Resp: 310353

Ion Ratio Lower Upper

94 100

65 32.5 7.9 47.9

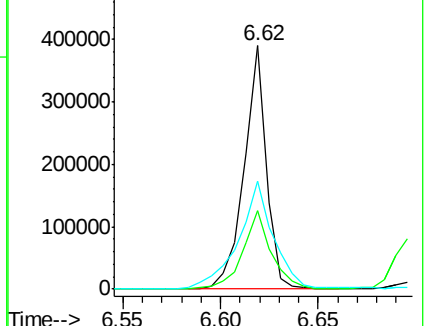
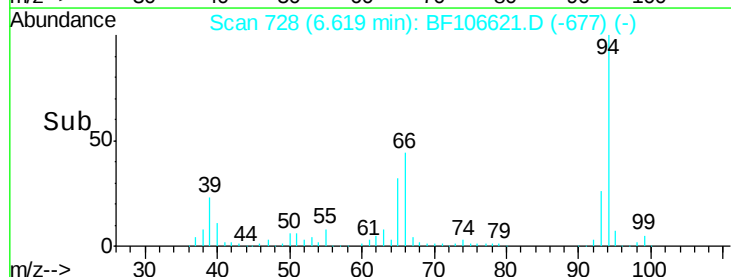
66 44.1 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

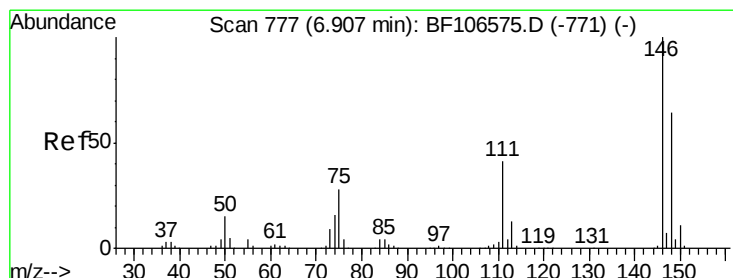
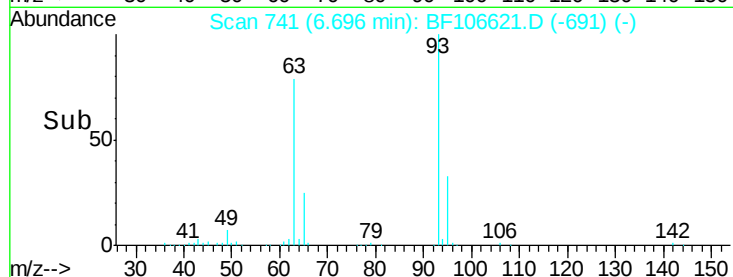
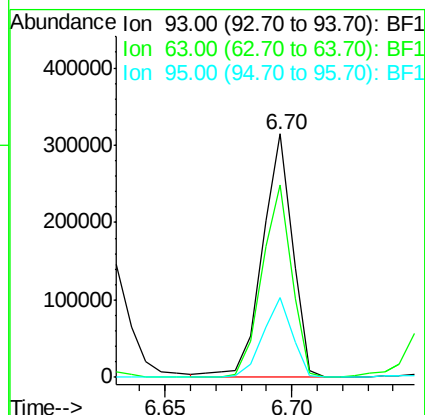
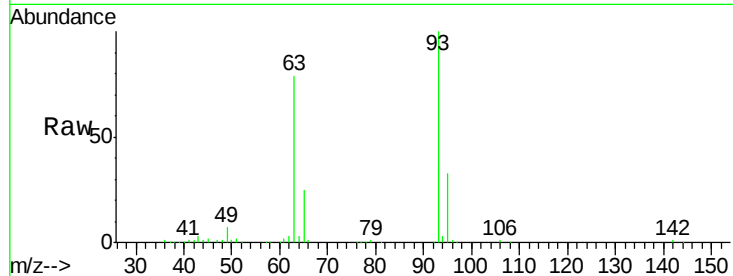




#11
bis(2-Chloroethyl)ether
Concen: 39.994 ng
RT: 6.70 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF106621.D
Acq: 20 Jun 2018 16:02

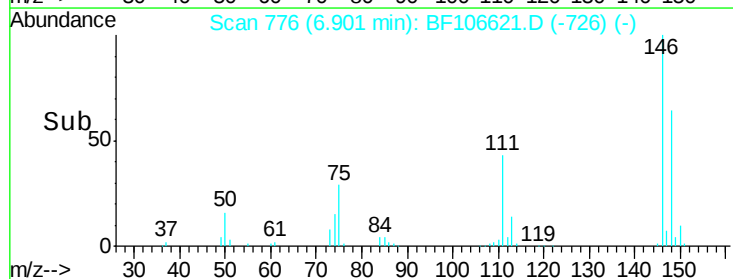
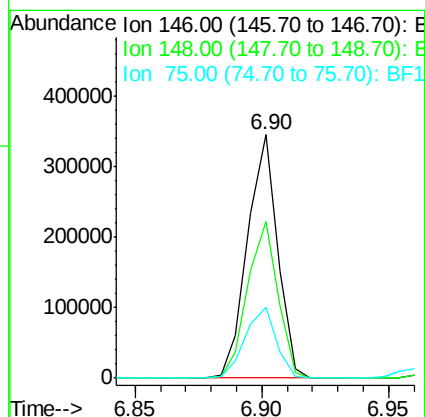
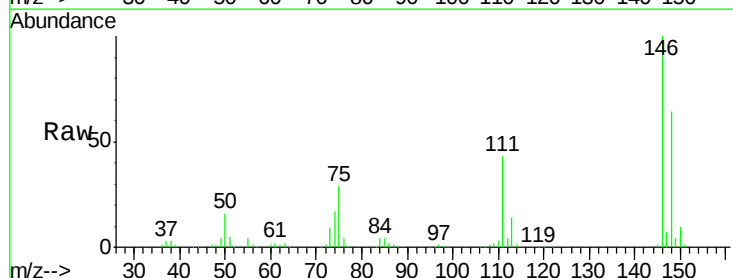
Instrument :
BNA_F
ClientSampleId :
PB110380BS

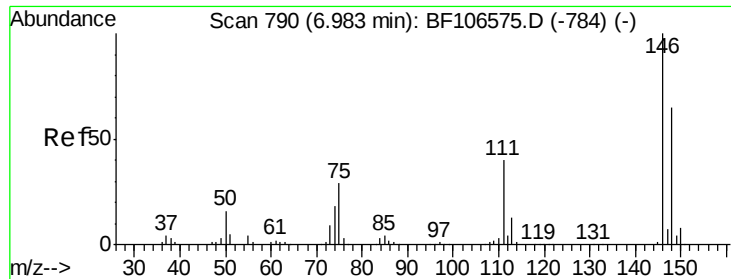
Tgt Ion: 93 Resp: 260535
Ion Ratio Lower Upper
93 100
63 79.0 58.6 98.6
95 32.8 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 40.130 ng
RT: 6.90 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF106621.D
Acq: 20 Jun 2018 16:02

Tgt Ion: 146 Resp: 285430
Ion Ratio Lower Upper
146 100
148 64.4 51.8 77.8
75 29.2 24.2 36.4

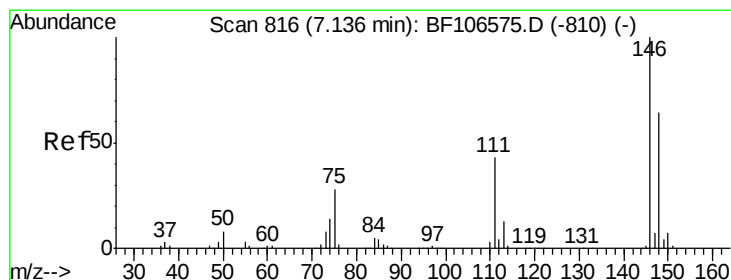
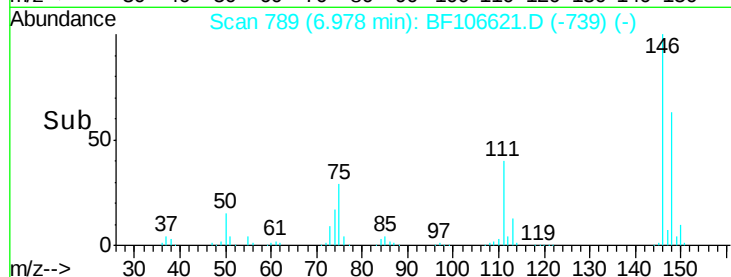
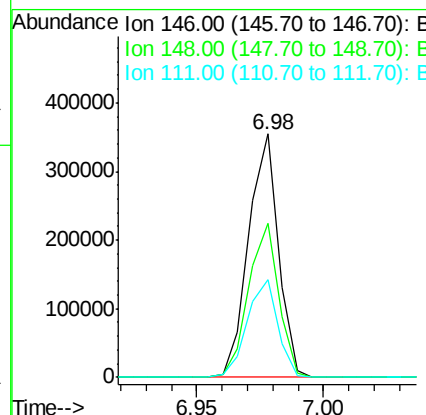
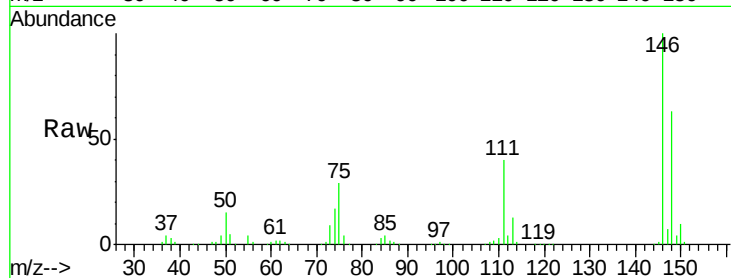




#13
 1,4-Dichlorobenzene
 Concen: 40.428 ng
 RT: 6.98 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF106621.D
 Acq: 20 Jun 2018 16:02

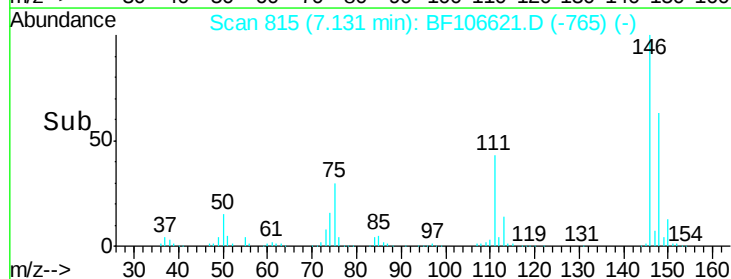
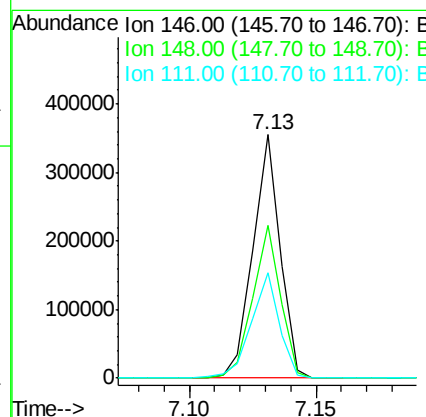
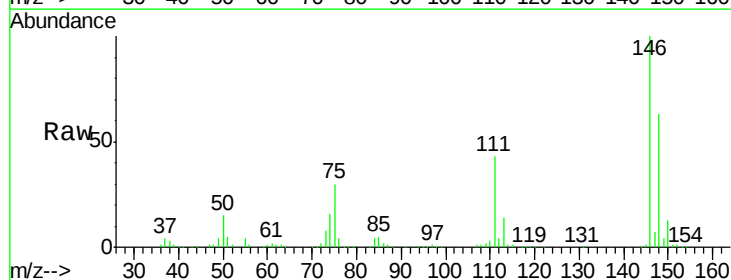
Instrument :
 BNA_F
 ClientSampleId :
 PB110380BS

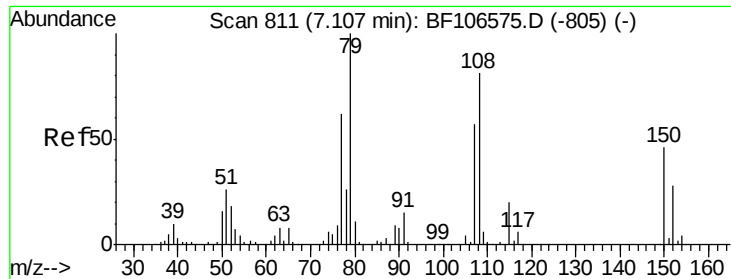
Tgt Ion:146 Resp: 290712
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.8 76.2
 111 40.1 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 40.510 ng
 RT: 7.13 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF106621.D
 Acq: 20 Jun 2018 16:02

Tgt Ion:146 Resp: 266968
 Ion Ratio Lower Upper
 146 100
 148 62.5 50.6 75.8
 111 43.4 36.0 54.0

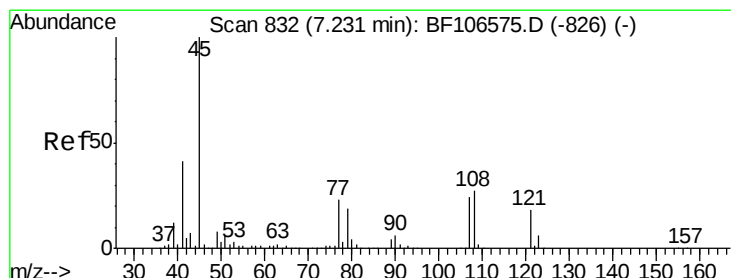
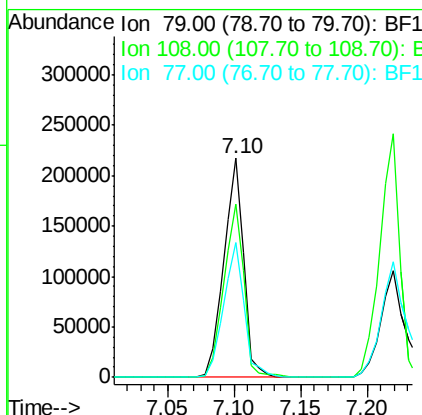
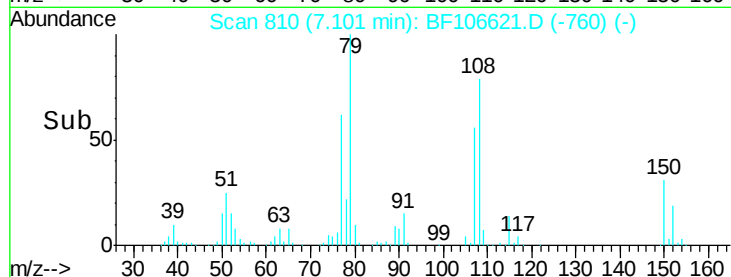
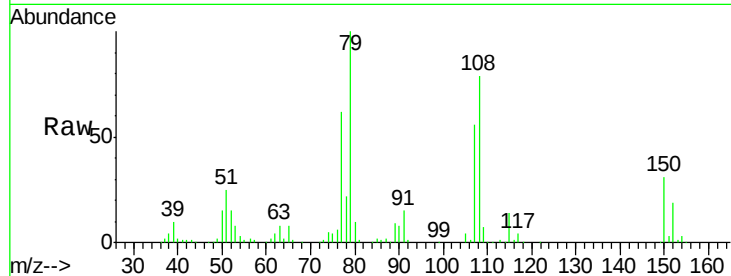




#15
Benzyl Alcohol
Concen: 41.213 ng
RT: 7.10 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF106621.D
Acq: 20 Jun 2018 16:02

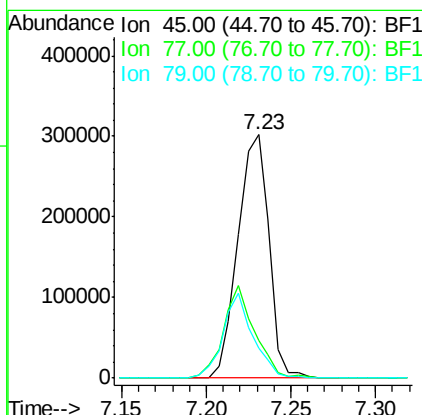
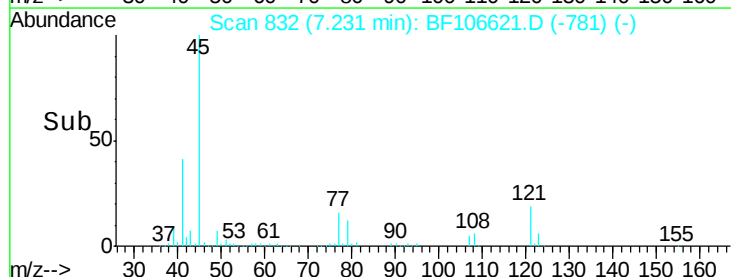
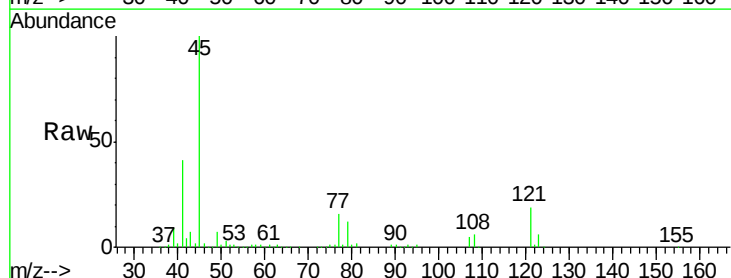
Instrument :
BNA_F
ClientSampleId :
PB110380BS

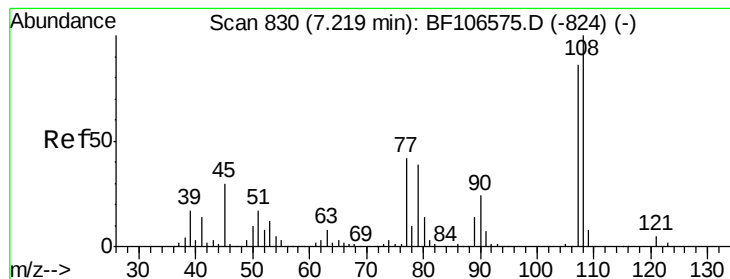
Tgt Ion: 79 Resp: 228818
Ion Ratio Lower Upper
79 100
108 79.5 65.1 97.7
77 61.7 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 45.325 ng
RT: 7.23 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF106621.D
Acq: 20 Jun 2018 16:02

Tgt Ion: 45 Resp: 387398
Ion Ratio Lower Upper
45 100
77 15.6 0.0 32.9
79 12.4 0.0 29.6





#17

2-Methylphenol

Concen: 42.056 ng

RT: 7.22 min Scan# 830

Delta R.T. 0.00 min

Lab File: BF106621.D

Acq: 20 Jun 2018 16:02

Instrument :

BNA_F

ClientSampleId :

PB110380BS

Tgt Ion:107 Resp: 218565

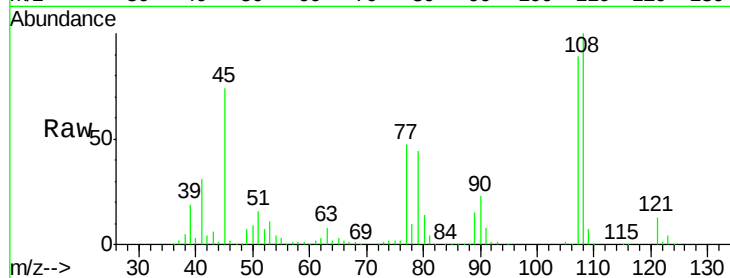
Ion Ratio Lower Upper

107 100

108 112.7 91.7 137.5

77 53.4 33.8 50.8#

79 49.2 33.8 50.8

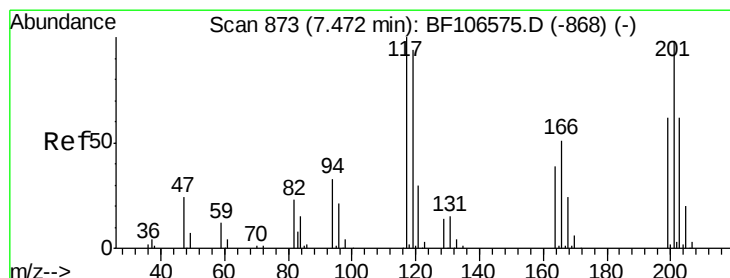
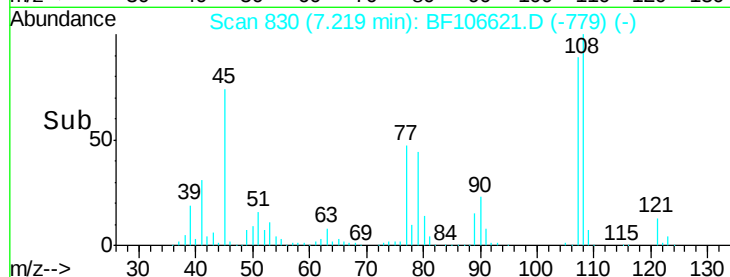
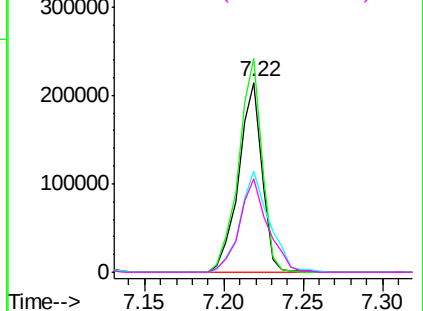


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 40.846 ng

RT: 7.47 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF106621.D

Acq: 20 Jun 2018 16:02

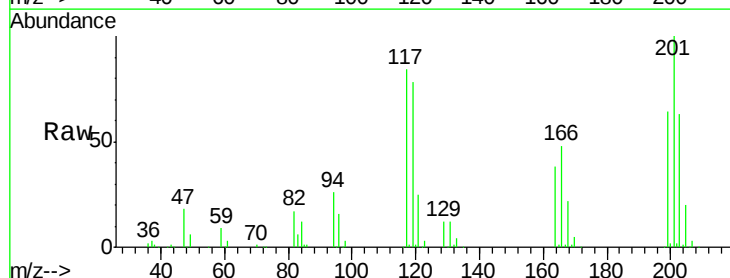
Tgt Ion:117 Resp: 103290

Ion Ratio Lower Upper

117 100

119 93.2 75.8 113.8

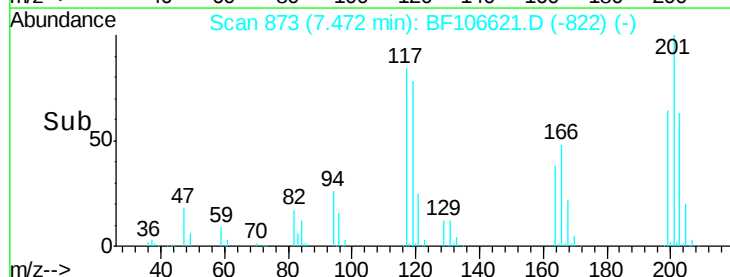
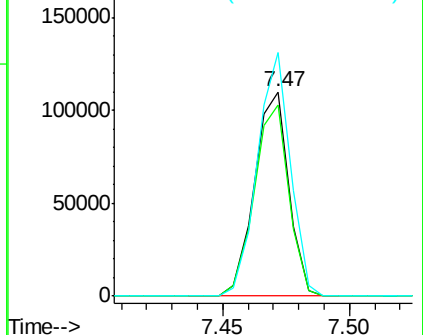
201 119.0 75.7 113.5#

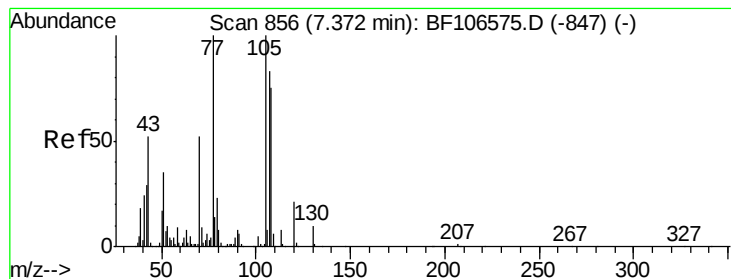


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 38.269 ng

RT: 7.37 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF106621.D

Acq: 20 Jun 2018 16:02

Instrument :

BNA_F

ClientSampleId :

PB110380BS

Tgt Ion: 70 Resp: 174422

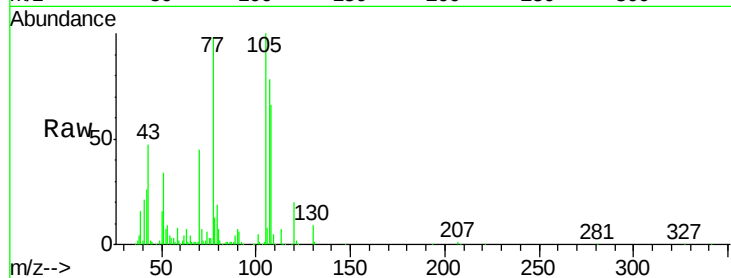
Ion Ratio Lower Upper

70 100

42 56.7 47.5 71.3

101 10.4 7.4 11.2

130 19.0 16.6 25.0



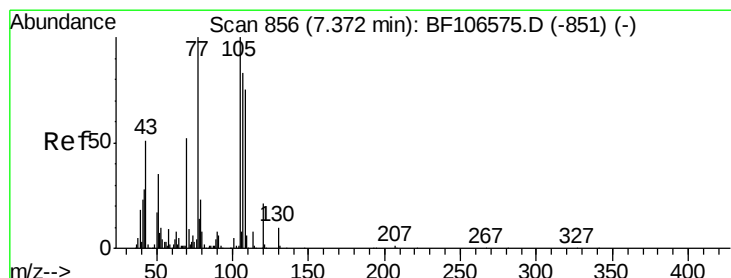
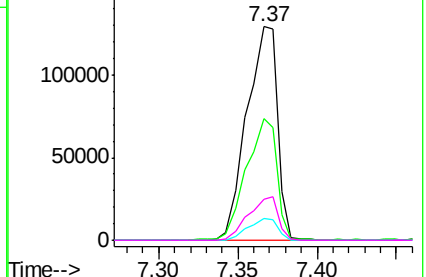
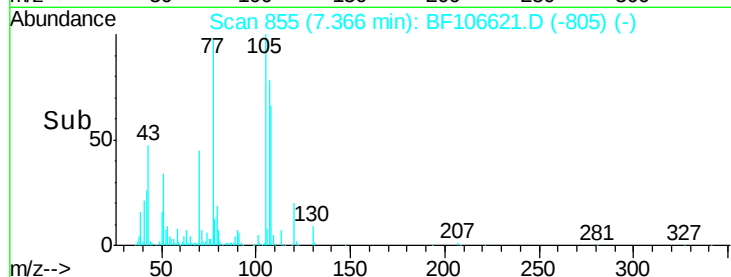
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Time-->



#20

3+4-Methylphenols

Concen: 47.206 ng

RT: 7.37 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF106621.D

Acq: 20 Jun 2018 16:02

Tgt Ion: 107 Resp: 261196

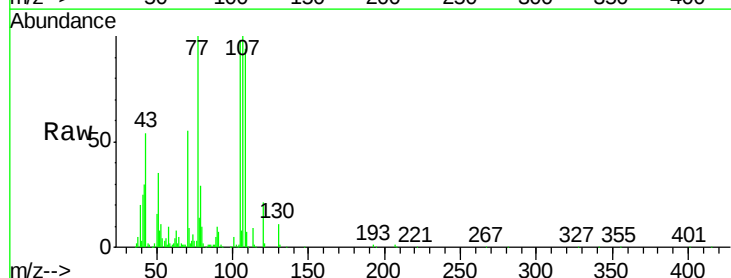
Ion Ratio Lower Upper

107 100

108 94.3 68.2 108.2

77 99.5 26.7 66.7#

79 29.1 6.3 46.3



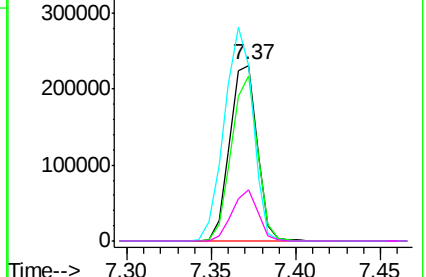
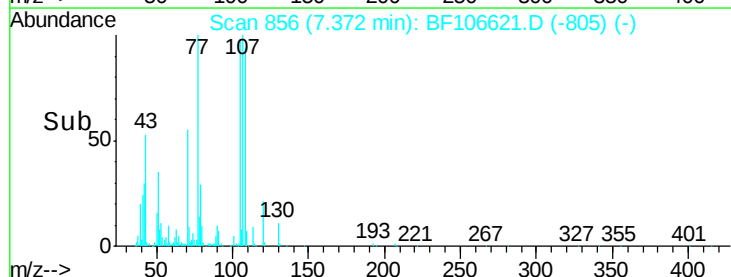
Abundance Ion 107.00 (106.70 to 107.70): BF1

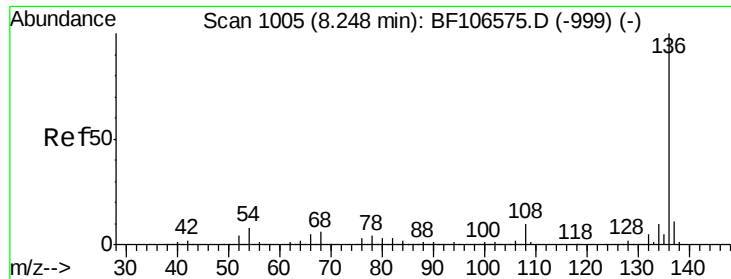
Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

Time-->

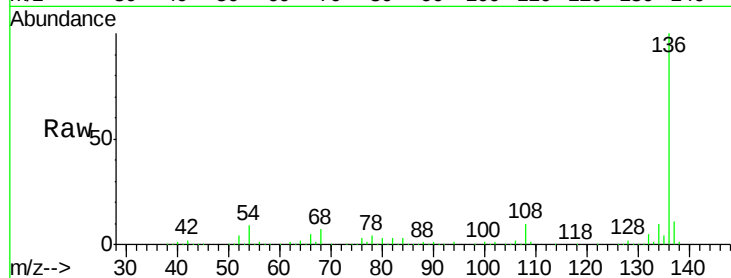




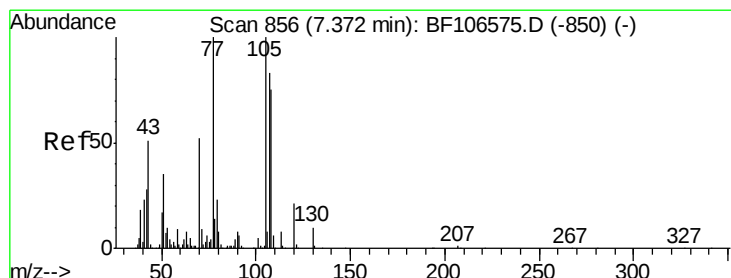
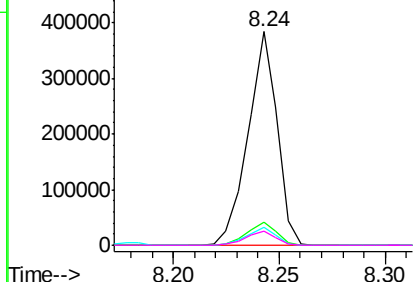
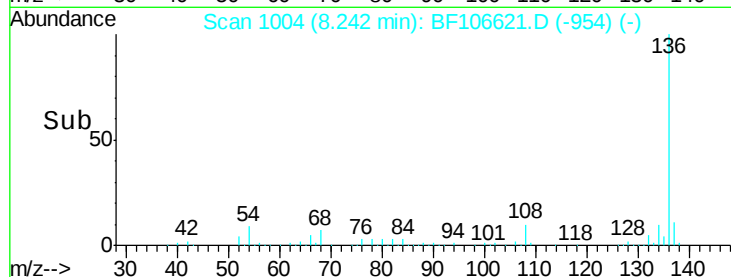
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106621.D
Acq: 20 Jun 2018 16:02

Instrument :
BNA_F
ClientSampleId :
PB110380BS

Tgt Ion:	136	Resp:	365458
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.5	6.6	9.8
68	6.8	5.0	7.4

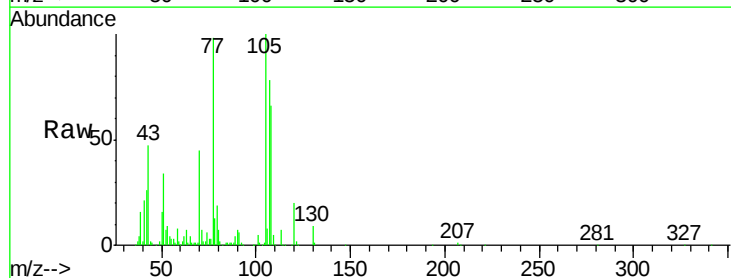


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

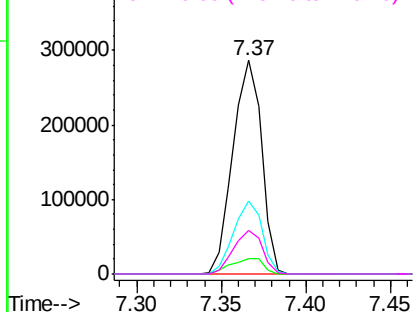
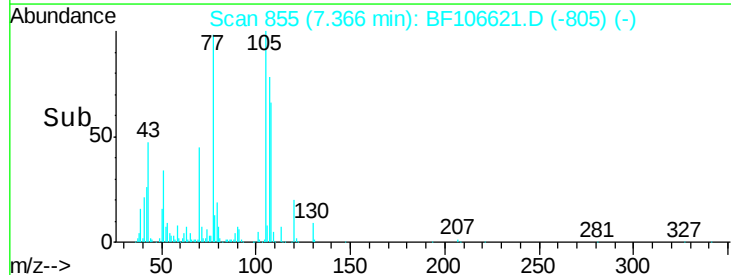


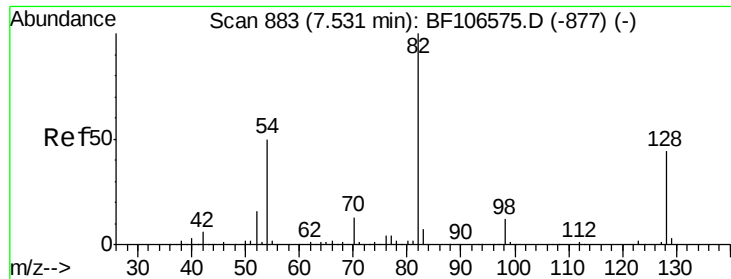
#22
Acetophenone
Concen: 41.530 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF106621.D
Acq: 20 Jun 2018 16:02

Tgt Ion:	105	Resp:	339562
Ion	Ratio	Lower	Upper
105	100		
71	7.5	4.4	6.6#
51	33.9	22.3	33.5#
120	20.5	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

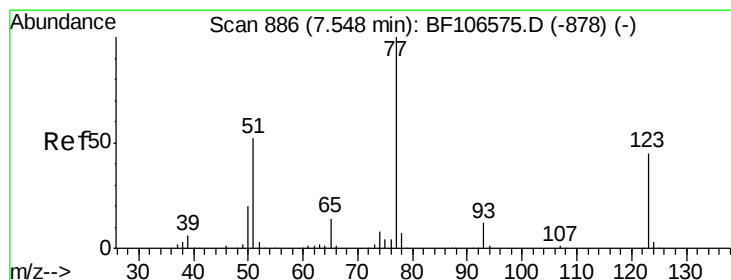
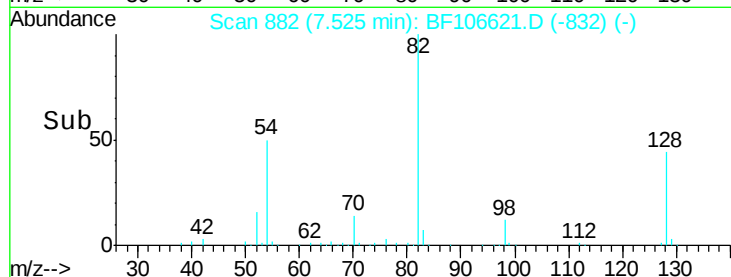
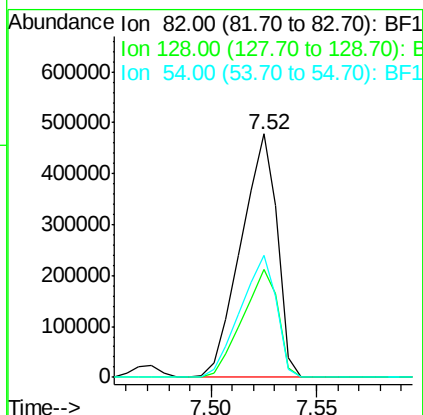
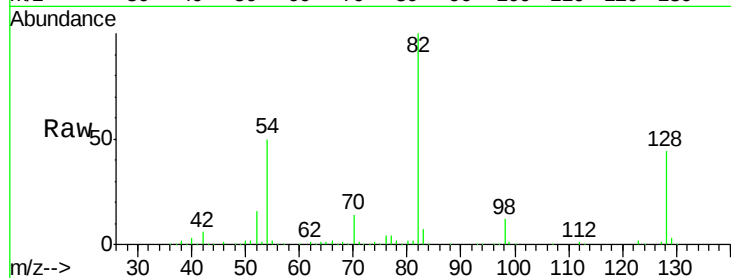




#23
Nitrobenzene-d5
Concen: 86.236 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106621.D
Acq: 20 Jun 2018 16:02

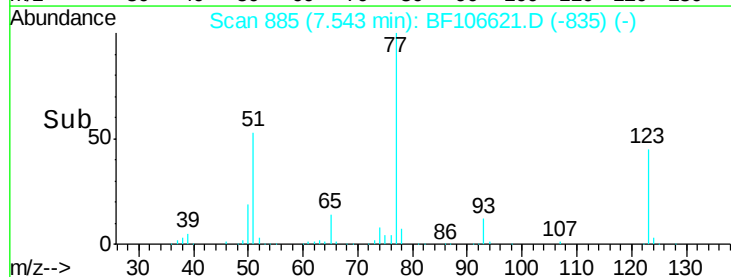
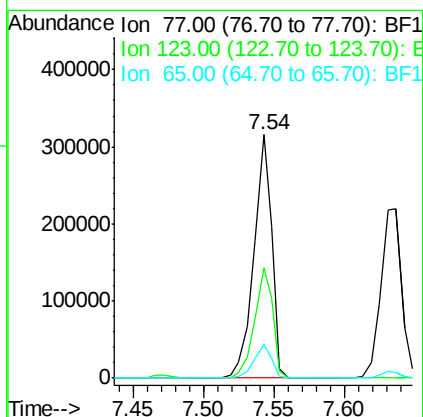
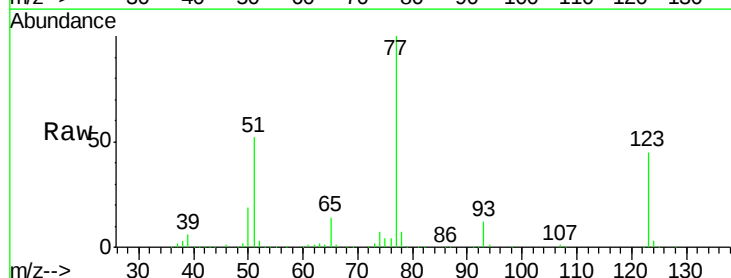
Instrument :
BNA_F
ClientSampleId :
PB110380BS

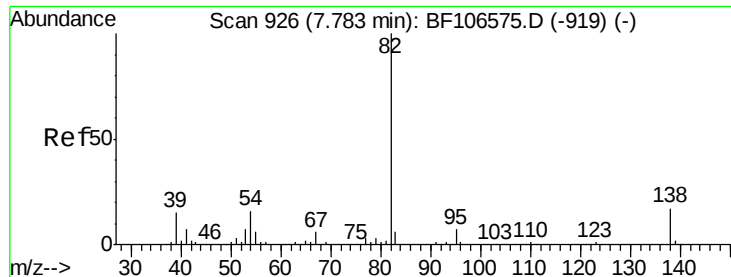
Tgt Ion: 82 Resp: 567101
Ion Ratio Lower Upper
82 100
128 44.1 36.1 54.1
54 50.2 41.4 62.2



#24
Nitrobenzene
Concen: 41.930 ng
RT: 7.54 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF106621.D
Acq: 20 Jun 2018 16:02

Tgt Ion: 77 Resp: 281514
Ion Ratio Lower Upper
77 100
123 45.2 37.9 56.9
65 13.9 11.0 16.4

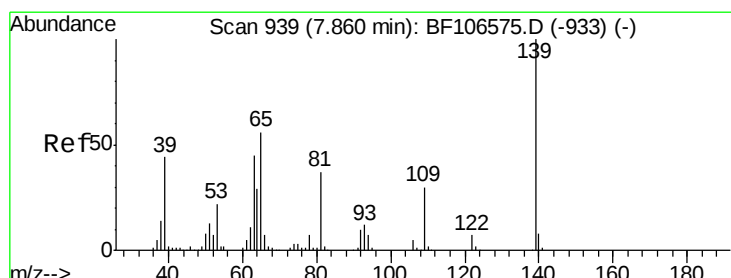
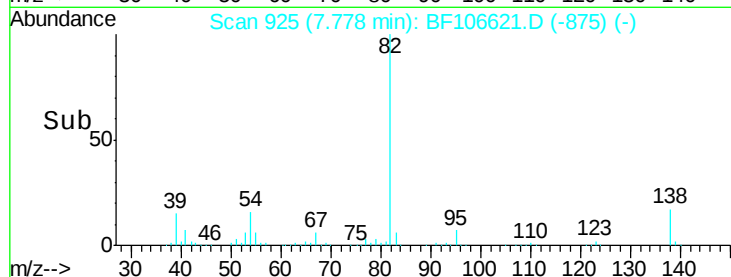
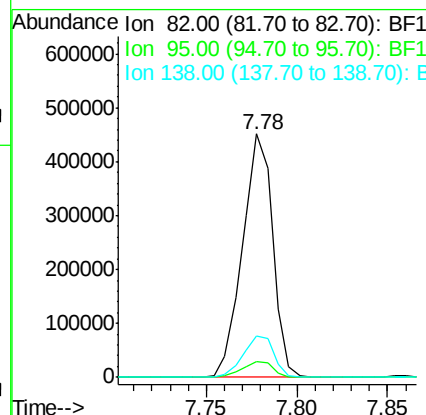
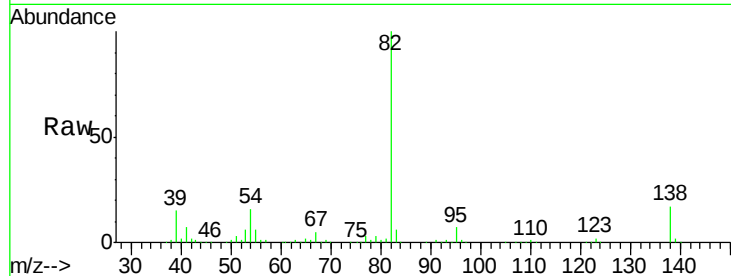




#25
Isophorone
Concen: 45.081 ng
RT: 7.78 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF106621.D
Acq: 20 Jun 2018 16:02

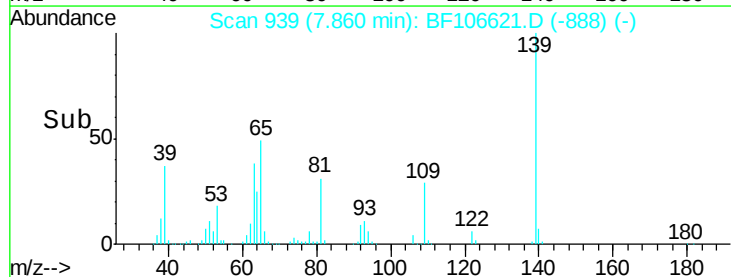
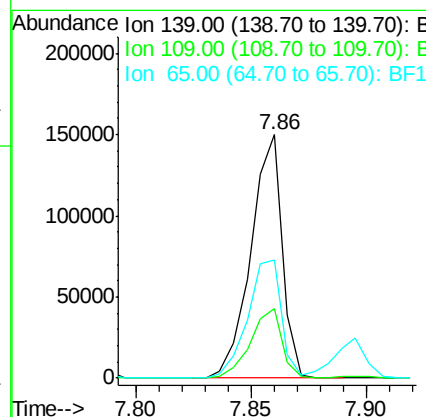
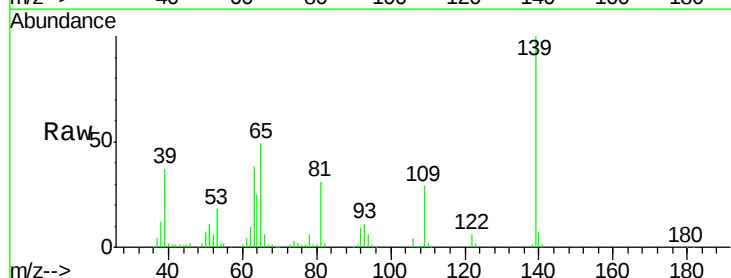
Instrument :
BNA_F
ClientSampleId :
PB110380BS

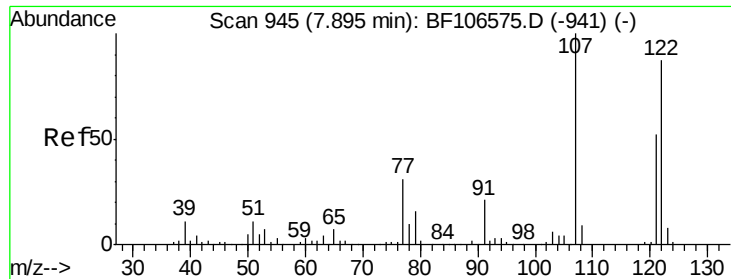
Tgt Ion: 82 Resp: 522405
Ion Ratio Lower Upper
82 100
95 6.7 5.2 7.8
138 17.2 14.9 22.3



#26
2-Nitrophenol
Concen: 44.862 ng
RT: 7.86 min Scan# 939
Delta R.T. 0.00 min
Lab File: BF106621.D
Acq: 20 Jun 2018 16:02

Tgt Ion: 139 Resp: 142188
Ion Ratio Lower Upper
139 100
109 28.5 22.7 34.1
65 48.7 40.5 60.7

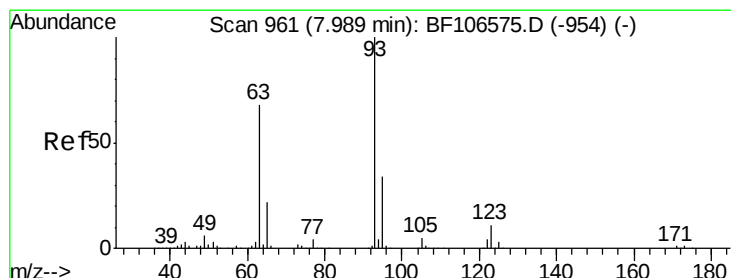
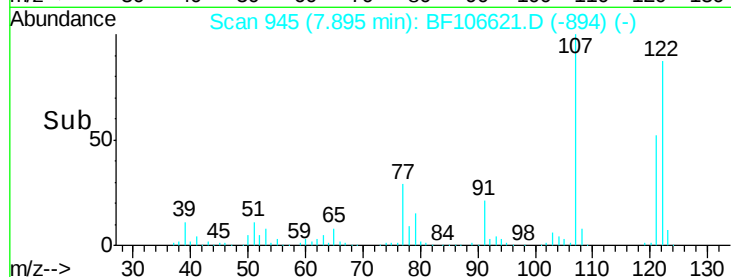
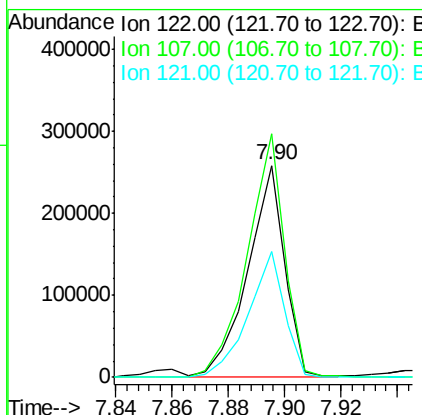
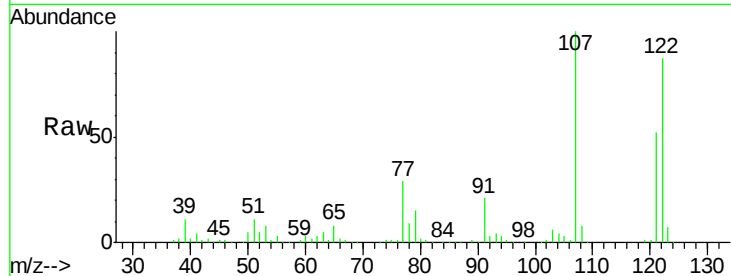




#27
 2,4-Dimethylphenol
 Concen: 48.009 ng
 RT: 7.90 min Scan# 945
 Delta R.T. 0.00 min
 Lab File: BF106621.D
 Acq: 20 Jun 2018 16:02

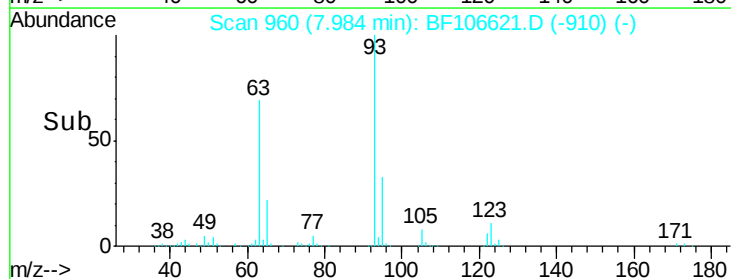
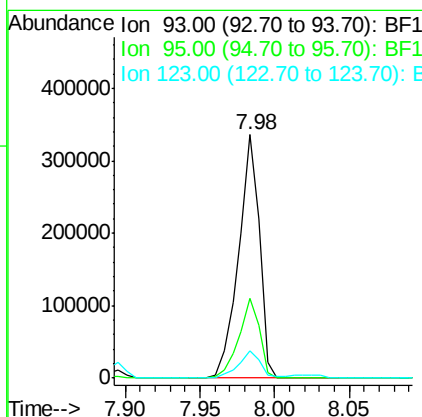
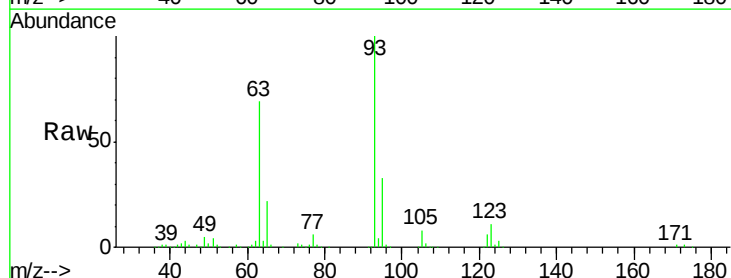
Instrument :
 BNA_F
 ClientSampleId :
 PB110380BS

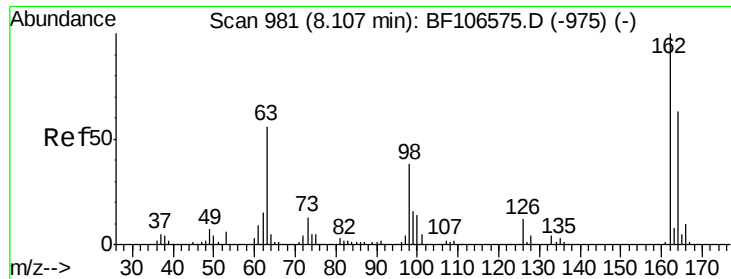
Tgt Ion: 122 Resp: 235188
 Ion Ratio Lower Upper
 122 100
 107 114.9 91.2 136.8
 121 59.3 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.142 ng
 RT: 7.98 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF106621.D
 Acq: 20 Jun 2018 16:02

Tgt Ion: 93 Resp: 327886
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.3 39.5
 123 11.0 9.8 14.6

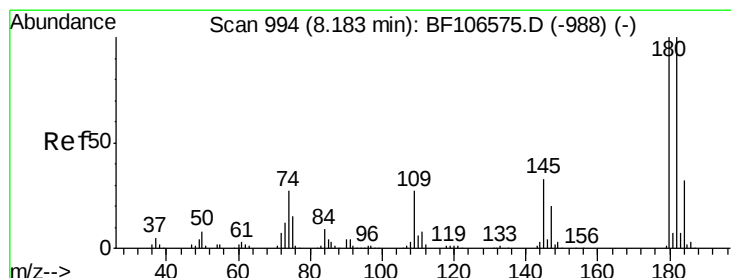
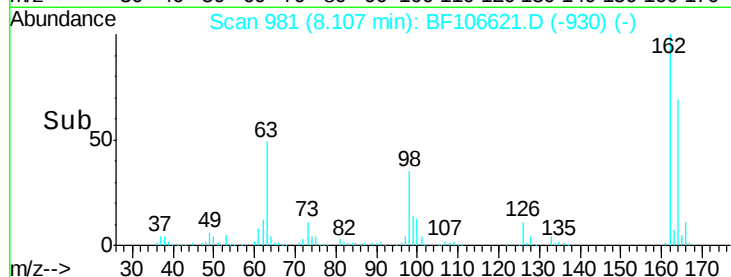
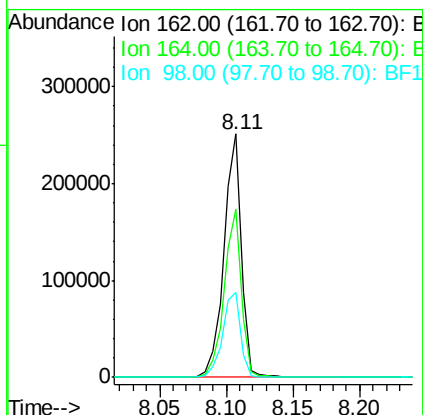
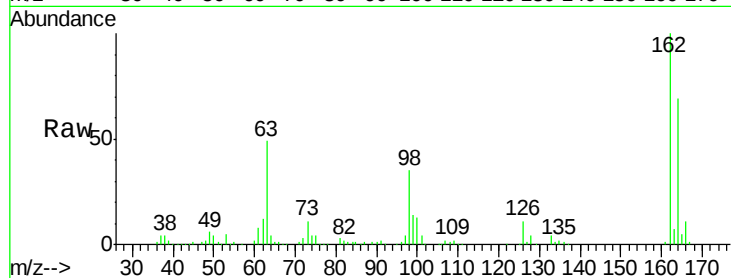




#29
2,4-Dichlorophenol
Concen: 45.479 ng
RT: 8.11 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF106621.D
Acq: 20 Jun 2018 16:02

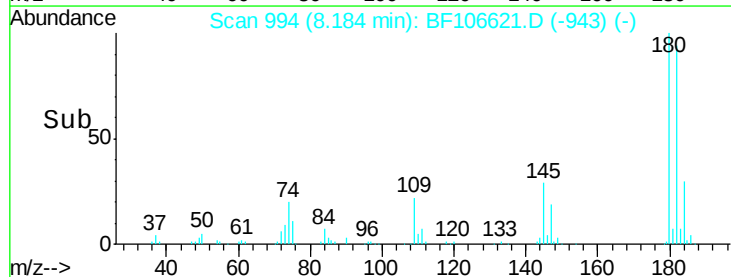
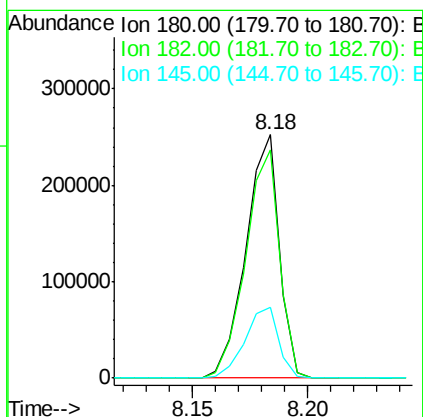
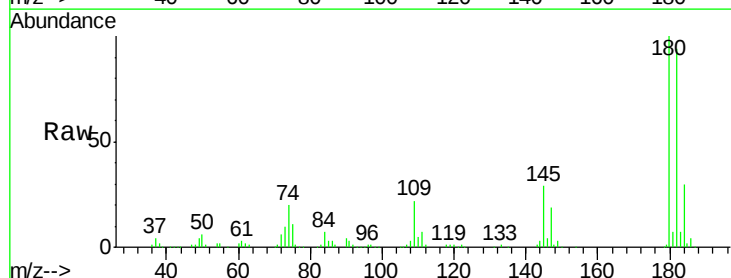
Instrument :
BNA_F
ClientSampleId :
PB110380BS

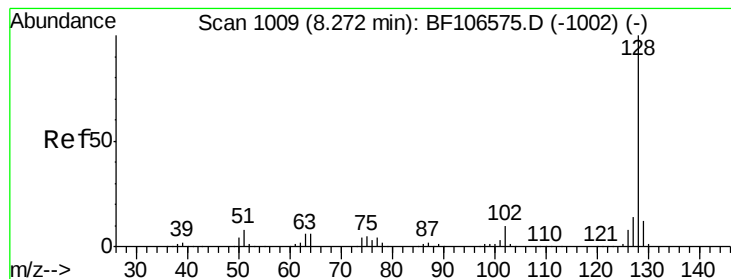
Tgt Ion	Ratio	Lower	Upper
162	100		
164	68.8	42.7	82.7
98	34.7	18.1	58.1



#30
1,2,4-Trichlorobenzene
Concen: 45.079 ng
RT: 8.18 min Scan# 994
Delta R.T. 0.00 min
Lab File: BF106621.D
Acq: 20 Jun 2018 16:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	76.8	115.2
145	29.2	26.5	39.7





#31

Naphthalene

Concen: 42.455 ng

RT: 8.27 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF106621.D

Acq: 20 Jun 2018 16:02

Instrument :

BNA_F

ClientSampleId :

PB110380BS

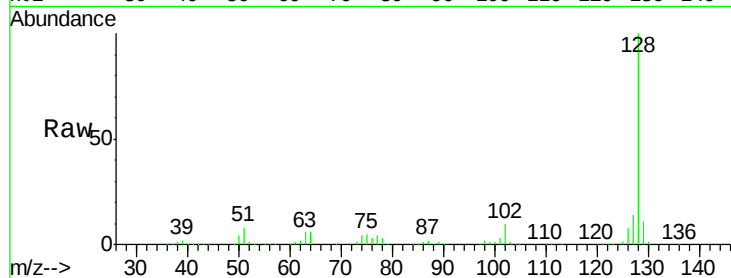
Tgt Ion:128 Resp: 725394

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

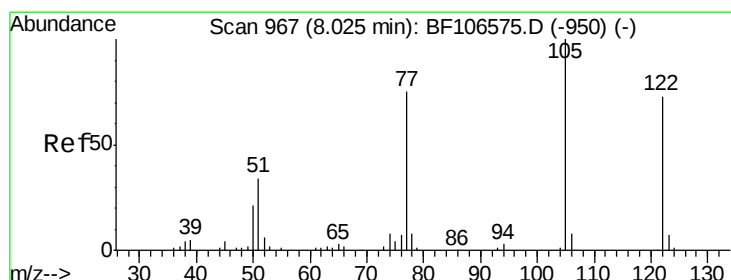
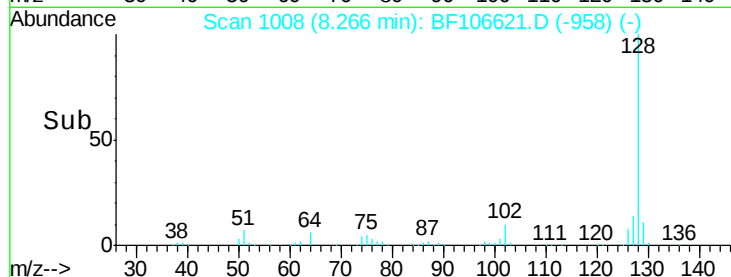
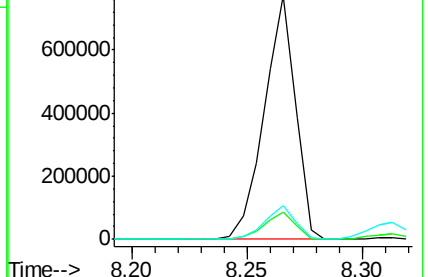
127 13.9 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 45.809 ng

RT: 8.02 min Scan# 967

Delta R.T. 0.00 min

Lab File: BF106621.D

Acq: 20 Jun 2018 16:02

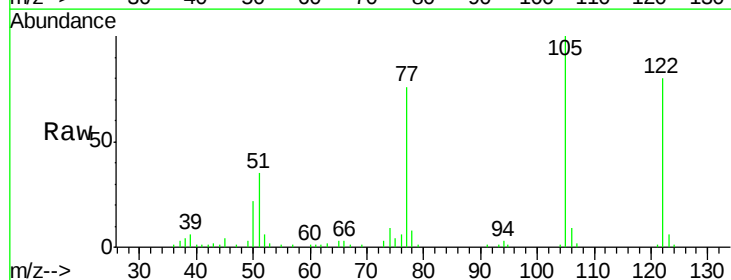
Tgt Ion:122 Resp: 162175

Ion Ratio Lower Upper

122 100

105 125.2 101.1 141.1

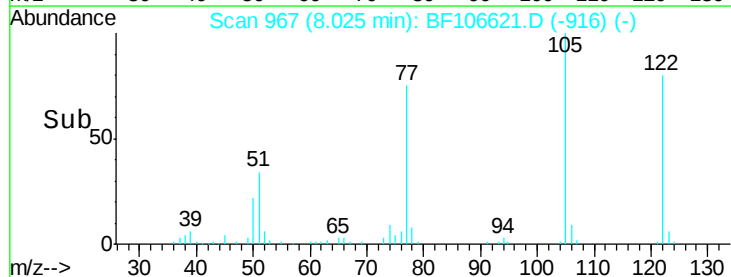
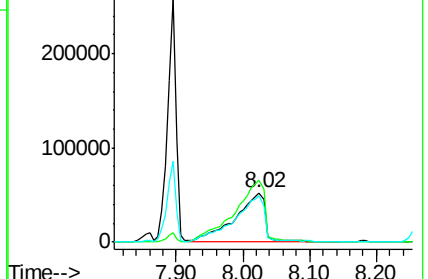
77 95.7 70.7 110.7

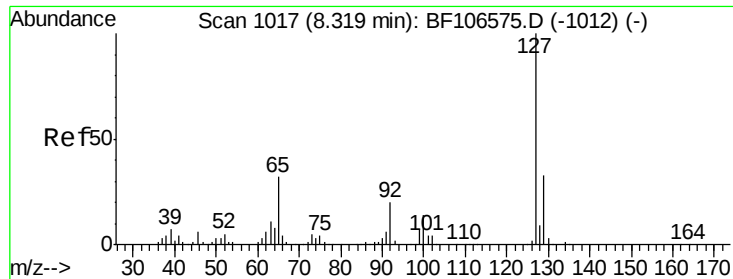


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

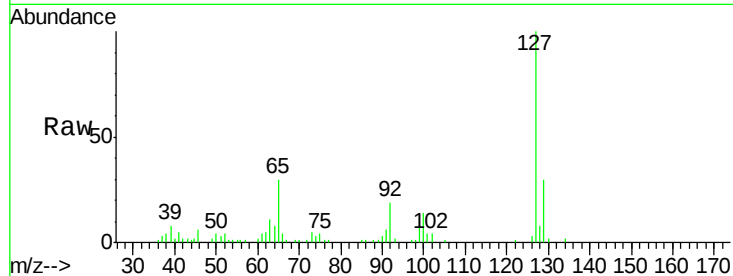




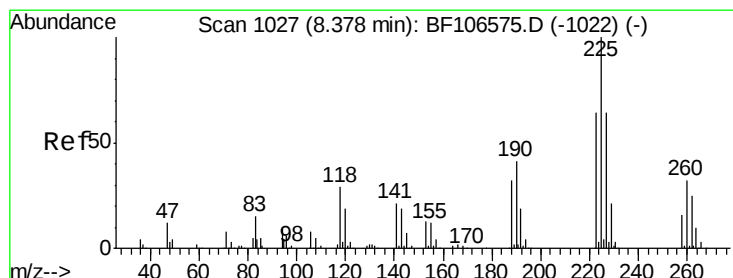
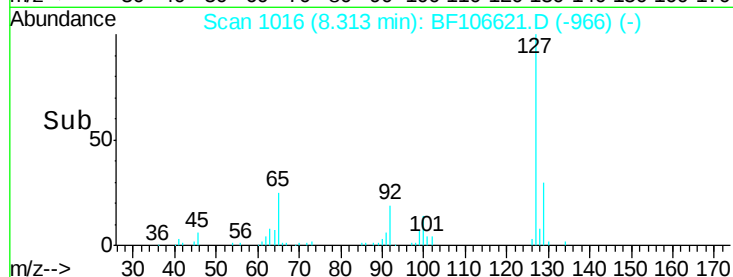
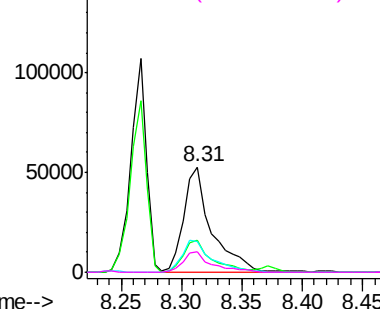
#33
 4-Chloroaniline
 Concen: 11.738 ng
 RT: 8.31 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: BF106621.D
 Acq: 20 Jun 2018 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB110380BS

Tgt Ion:	127	Resp:	84152
Ion	Ratio	Lower	Upper
127	100		
129	30.4	25.9	38.9
65	29.6	25.0	37.4
92	19.0	15.2	22.8

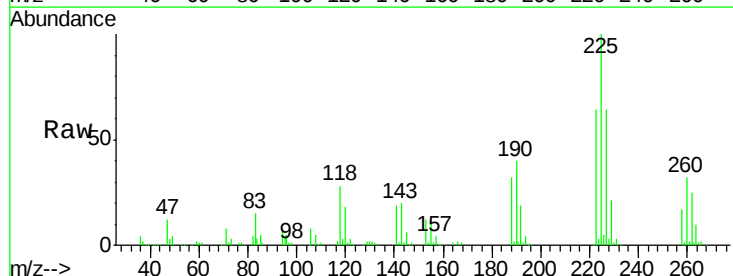


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

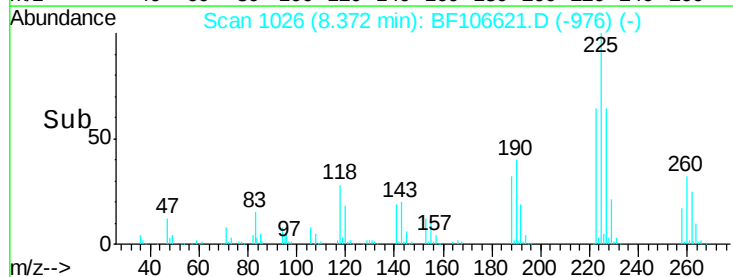
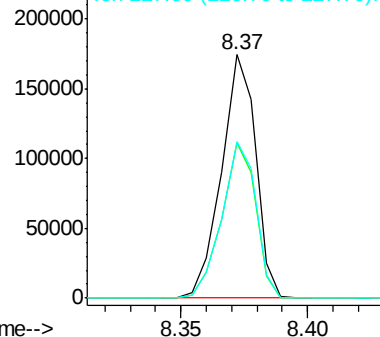


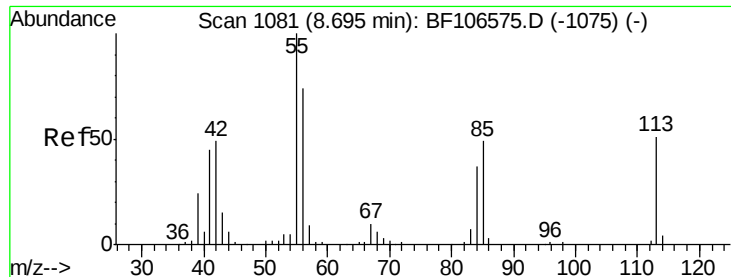
#34
 Hexachlorobutadiene
 Concen: 44.589 ng
 RT: 8.37 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BF106621.D
 Acq: 20 Jun 2018 16:02

Tgt Ion:	225	Resp:	164155
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.6	76.0
227	64.1	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

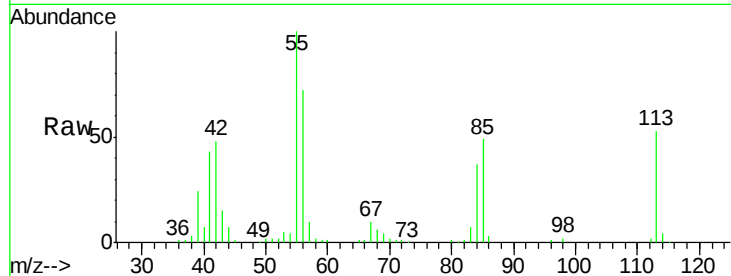




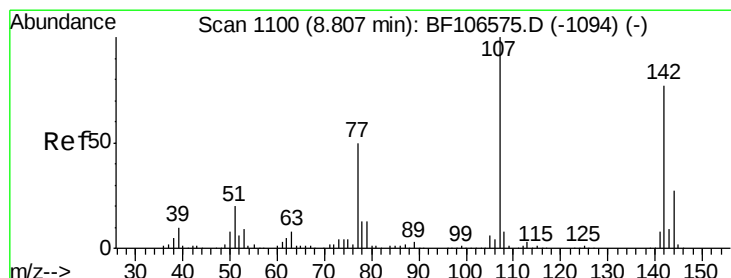
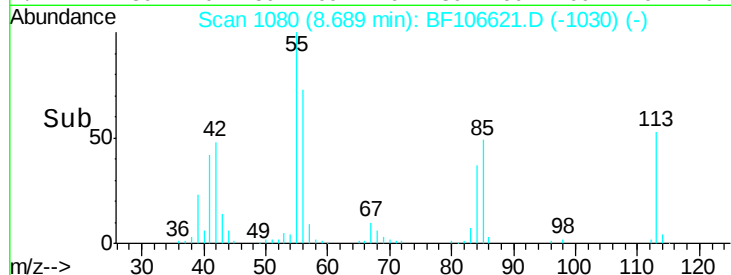
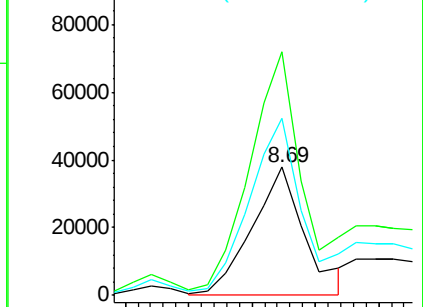
#35
 Caprolactam
 Concen: 26.065 ng
 RT: 8.69 min Scan# 1080
 Delta R.T. -0.01 min
 Lab File: BF106621.D
 Acq: 20 Jun 2018 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB110380BS

Tgt Ion:113 Resp: 43577
 Ion Ratio Lower Upper
 113 100
 55 190.3 163.3 203.3
 56 137.9 115.7 155.7

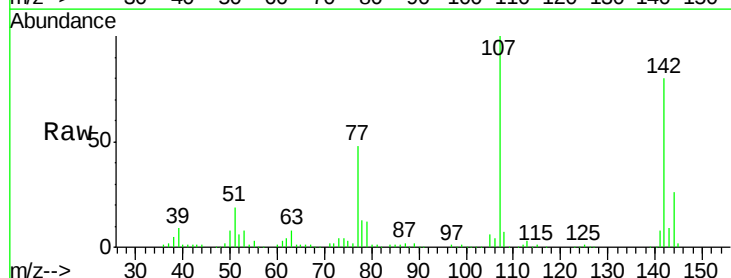


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

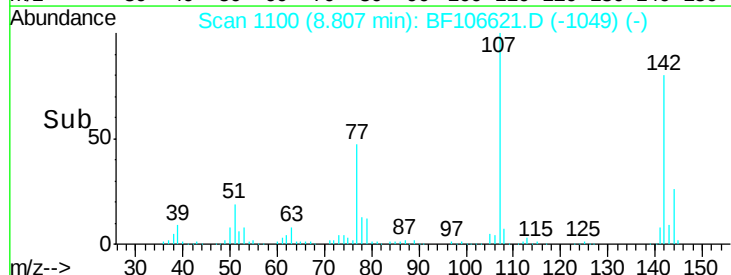
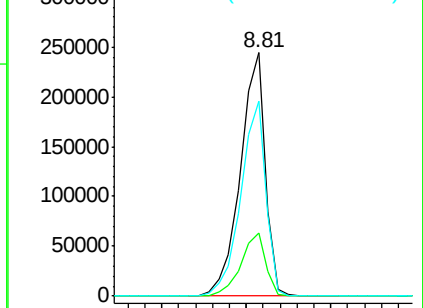


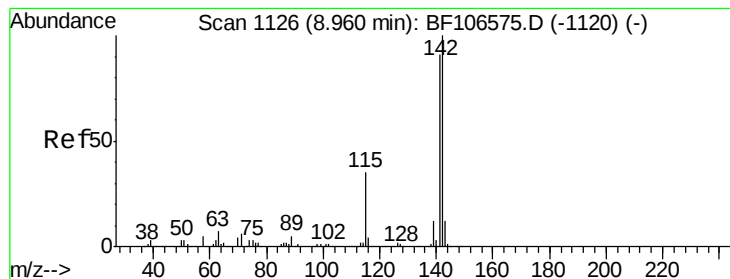
#36
 4-Chloro-3-methylphenol
 Concen: 46.648 ng
 RT: 8.81 min Scan# 1100
 Delta R.T. 0.00 min
 Lab File: BF106621.D
 Acq: 20 Jun 2018 16:02

Tgt Ion:107 Resp: 251824
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.5 30.7
 142 80.0 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: 48.099 ng

RT: 8.96 min Scan# 1126

Delta R.T. 0.00 min

Lab File: BF106621.D

Acq: 20 Jun 2018 16:02

Instrument :

BNA_F

ClientSampleId :

PB110380BS

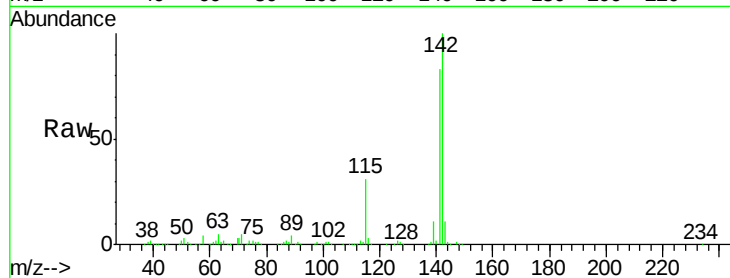
Tgt Ion:142 Resp: 544733

Ion Ratio Lower Upper

142 100

141 83.3 70.8 106.2

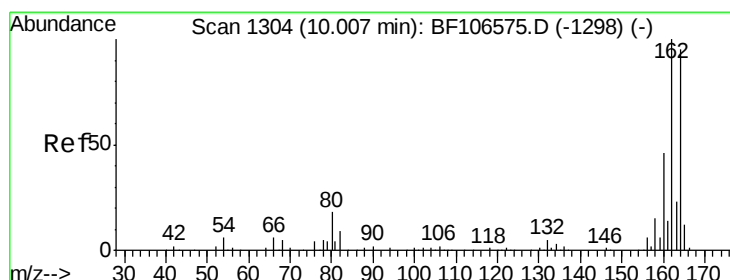
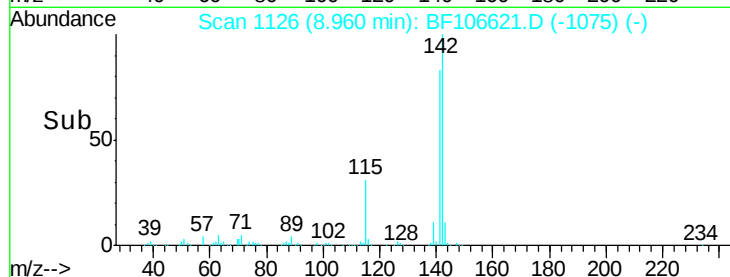
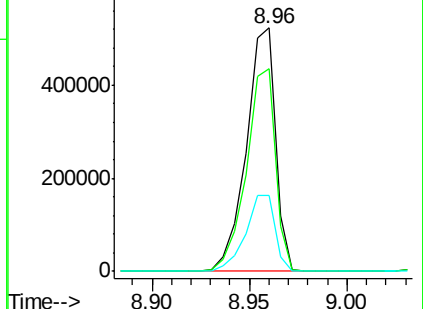
115 31.0 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF106621.D

Acq: 20 Jun 2018 16:02

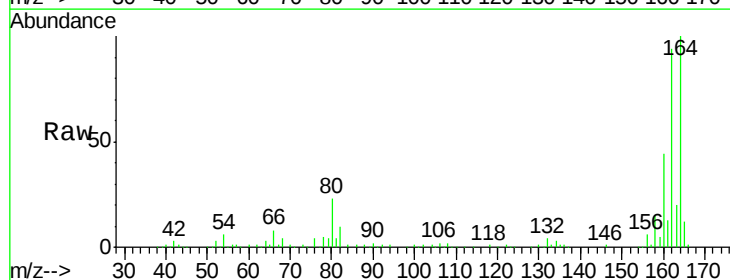
Tgt Ion:164 Resp: 201108

Ion Ratio Lower Upper

164 100

162 94.5 86.1 129.1

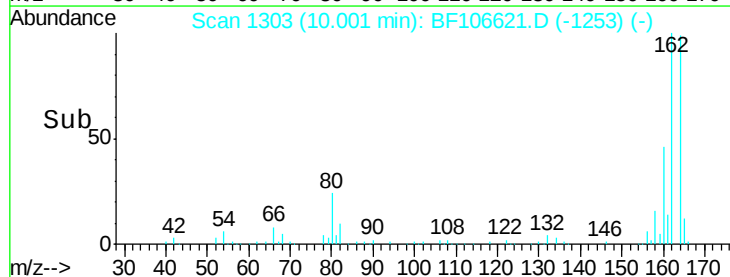
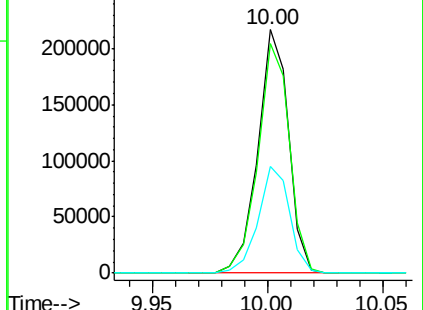
160 43.7 38.3 57.5

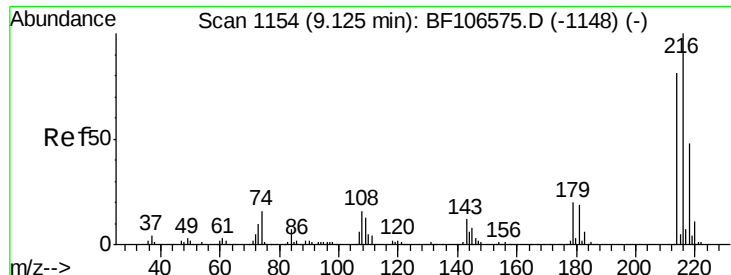


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

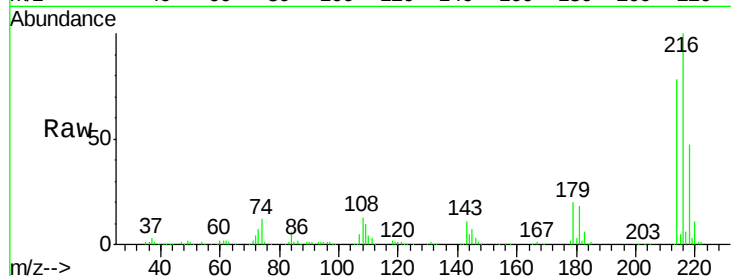




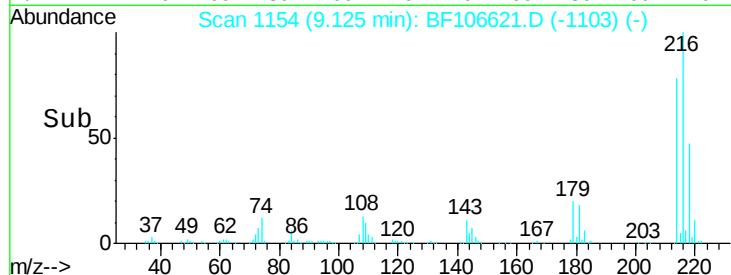
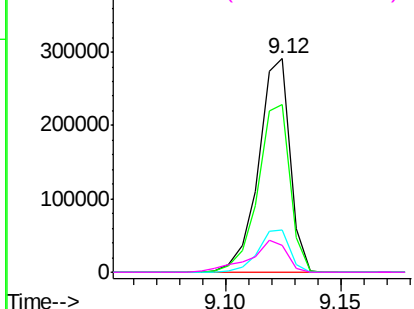
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.959 ng
 RT: 9.12 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BF106621.D
 Acq: 20 Jun 2018 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB110380BS

Tgt Ion:	216	Resp:	277400
Ion Ratio	Lower	Upper	
216	100		
214	79.6	63.0	94.4
179	20.0	18.1	27.1
108	17.8	17.2	25.8

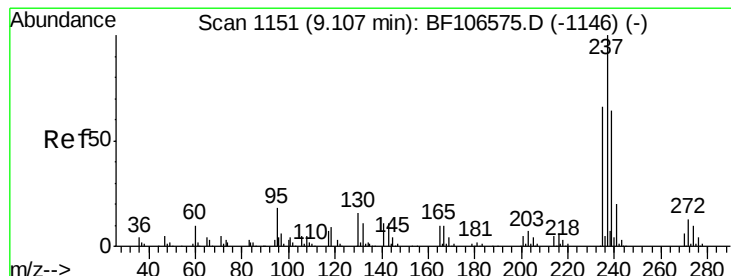


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

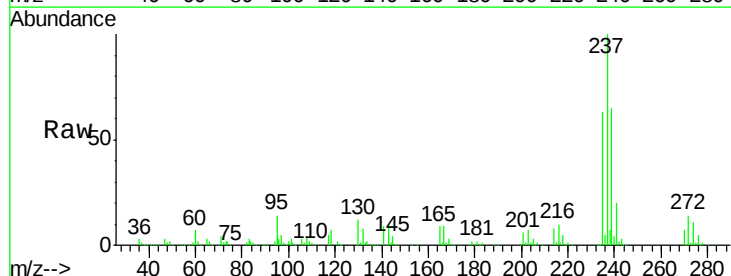
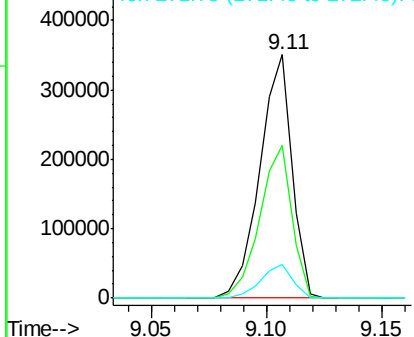


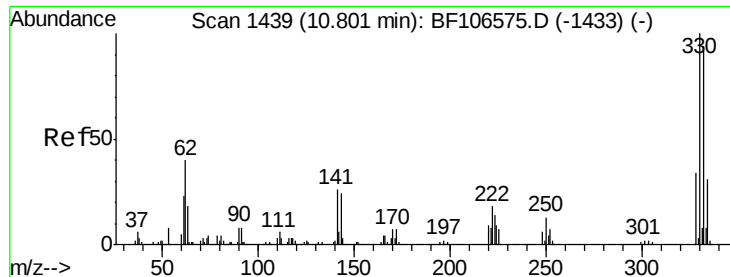
#40
 Hexachlorocyclopentadiene
 Concen: 97.484 ng
 RT: 9.11 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BF106621.D
 Acq: 20 Jun 2018 16:02

Tgt Ion:	237	Resp:	339686
Ion Ratio	Lower	Upper	
237	100		
235	62.9	44.8	84.8
272	13.7	0.0	33.3



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

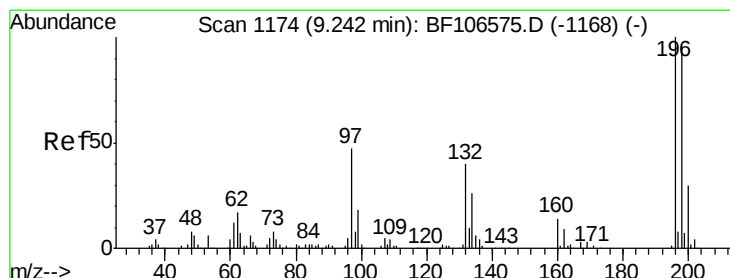
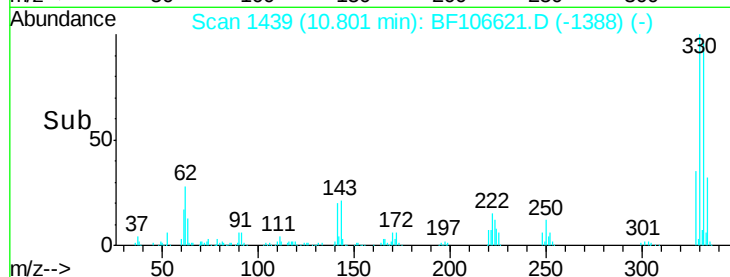
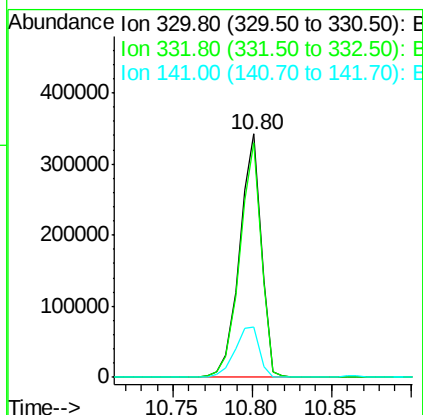
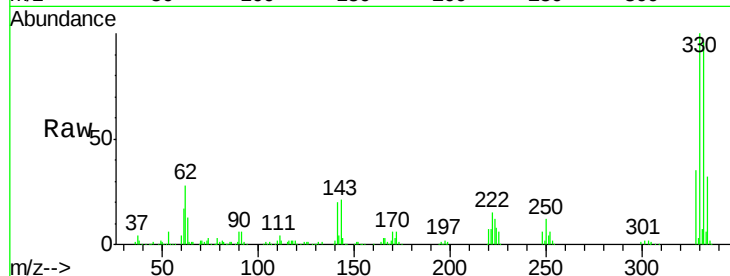




#41
 2,4,6-Tribromophenol
 Concen: 138.683 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF106621.D
 Acq: 20 Jun 2018 16:02

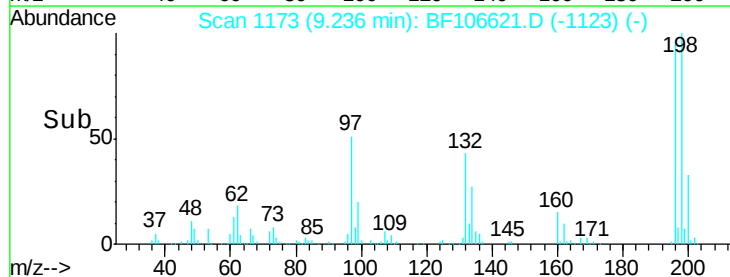
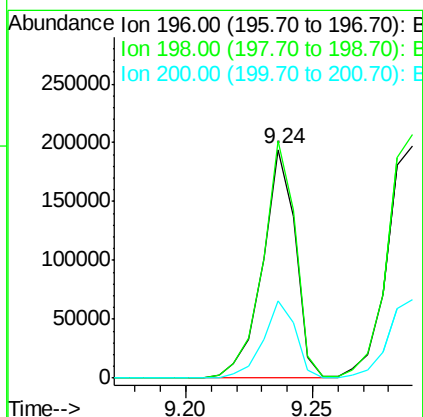
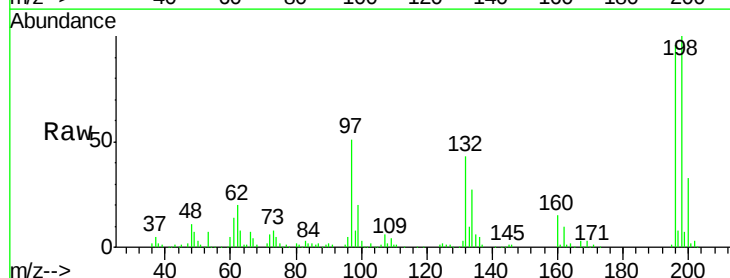
Instrument :
 BNA_F
 ClientSampleId :
 PB110380BS

Tgt Ion:330 Resp: 323255
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 23.5 29.9 44.9#



#42
 2,4,6-Trichlorophenol
 Concen: 39.314 ng
 RT: 9.24 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF106621.D
 Acq: 20 Jun 2018 16:02

Tgt Ion:196 Resp: 176990
 Ion Ratio Lower Upper
 196 100
 198 103.7 75.7 113.5
 200 33.9 24.5 36.7

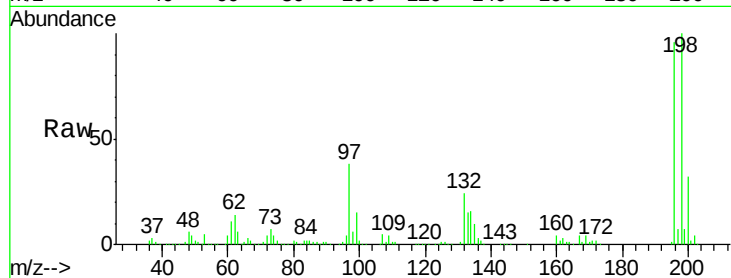




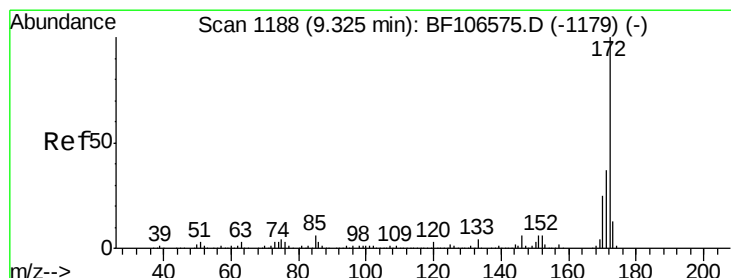
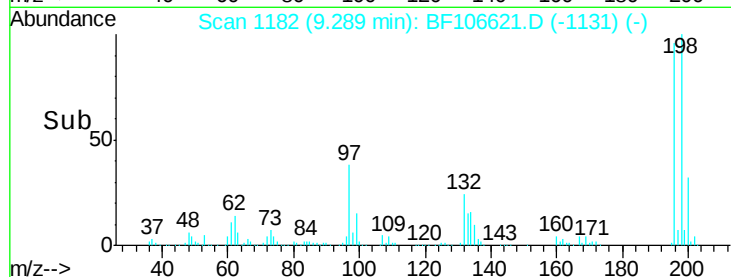
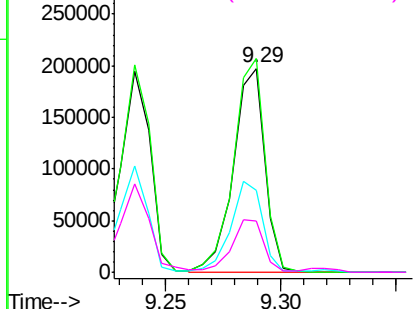
#43
 2,4,5-Trichlorophenol
 Concen: 40.253 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF106621.D
 Acq: 20 Jun 2018 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB110380BS

Tgt Ion:196 Resp: 189094
 Ion Ratio Lower Upper
 196 100
 198 104.7 74.6 112.0
 97 40.0 42.9 64.3#
 132 25.4 26.3 39.5#

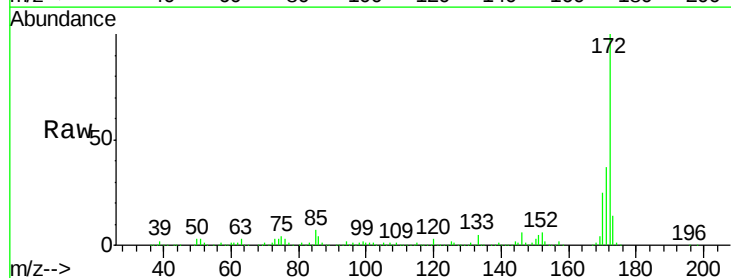


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

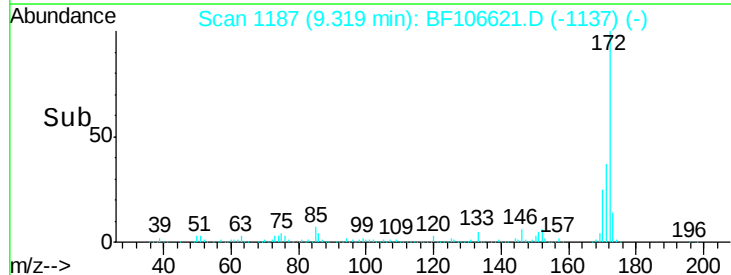
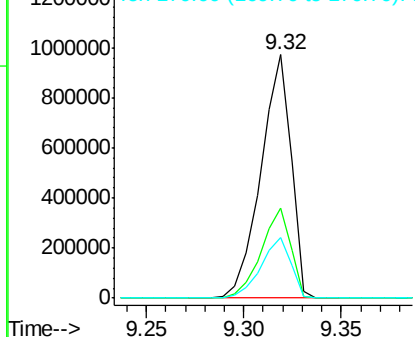


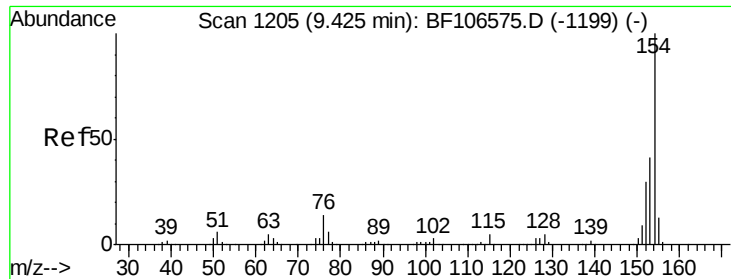
#44
 2-Fluorobiphenyl
 Concen: 88.144 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106621.D
 Acq: 20 Jun 2018 16:02

Tgt Ion:172 Resp: 1040789
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.7 44.5
 170 25.1 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

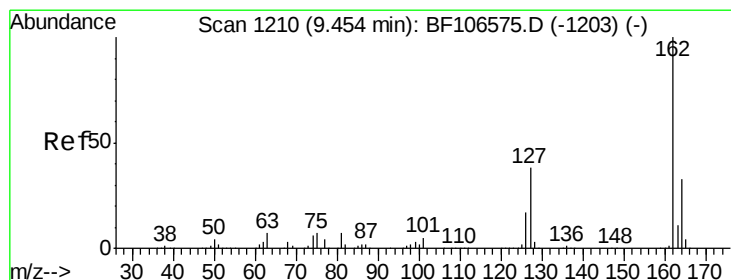
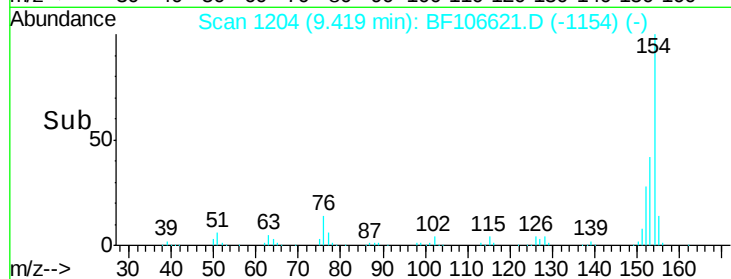
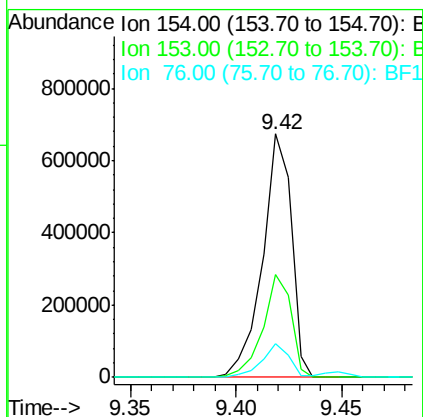
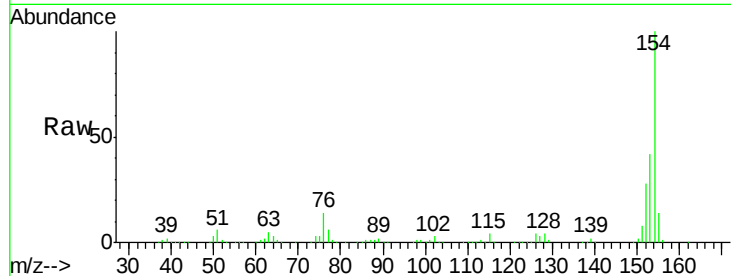




#45
 1,1'-Biphenyl
 Concen: 40.064 ng
 RT: 9.42 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF106621.D
 Acq: 20 Jun 2018 16:02

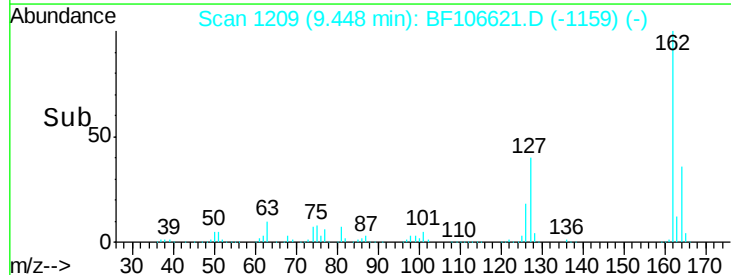
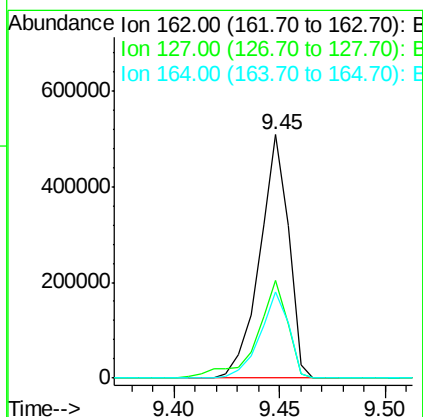
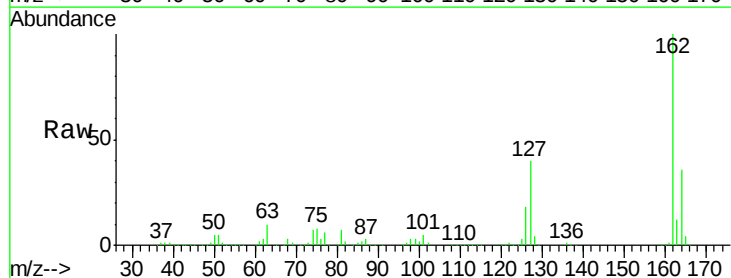
Instrument :
 BNA_F
 ClientSampleId :
 PB110380BS

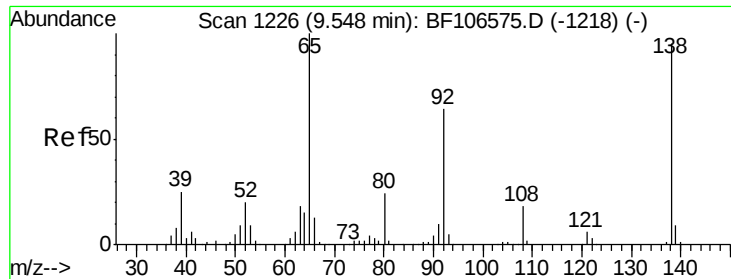
Tgt Ion:154 Resp: 642114
 Ion Ratio Lower Upper
 154 100
 153 42.2 21.3 61.3
 76 13.7 0.0 34.0



#46
 2-Chloronaphthalene
 Concen: 38.247 ng
 RT: 9.45 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF106621.D
 Acq: 20 Jun 2018 16:02

Tgt Ion:162 Resp: 482516
 Ion Ratio Lower Upper
 162 100
 127 40.1 33.9 50.9
 164 35.5 26.5 39.7

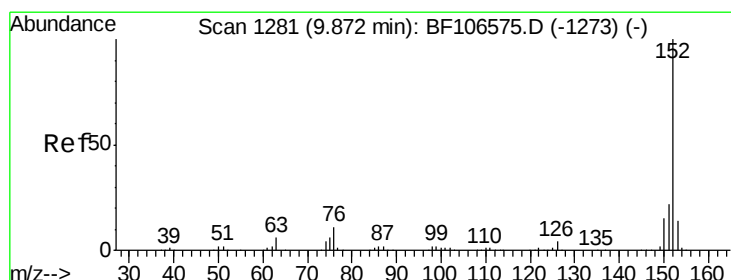
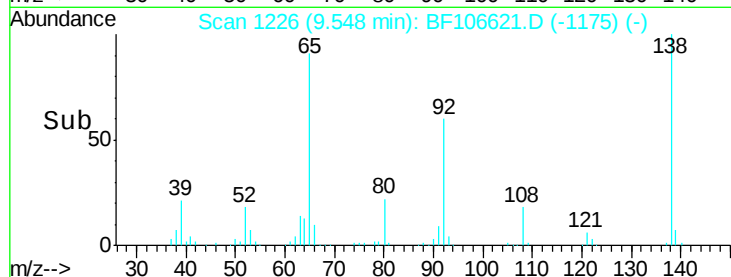
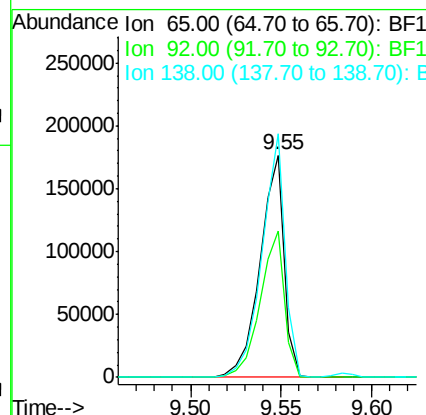
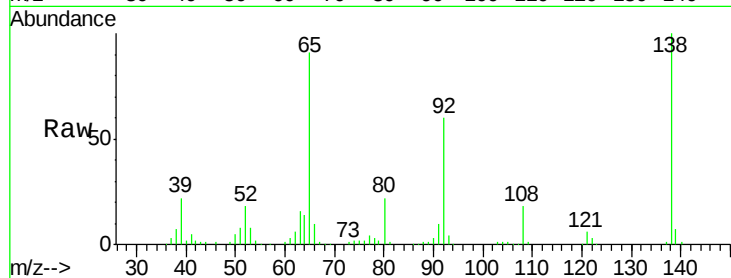




#47
2-Nitroaniline
Concen: 38.602 ng
RT: 9.55 min Scan# 1226
Delta R.T. 0.00 min
Lab File: BF106621.D
Acq: 20 Jun 2018 16:02

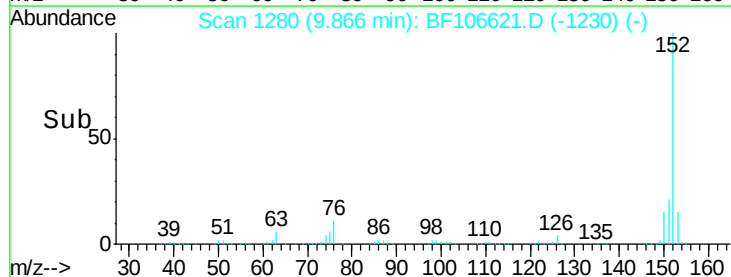
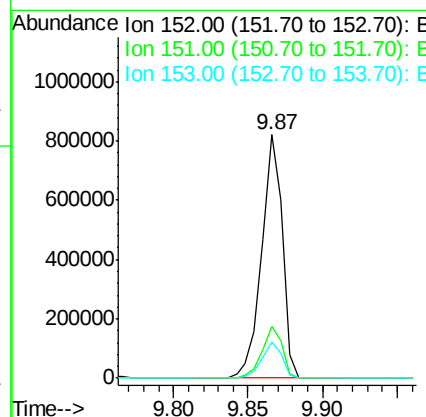
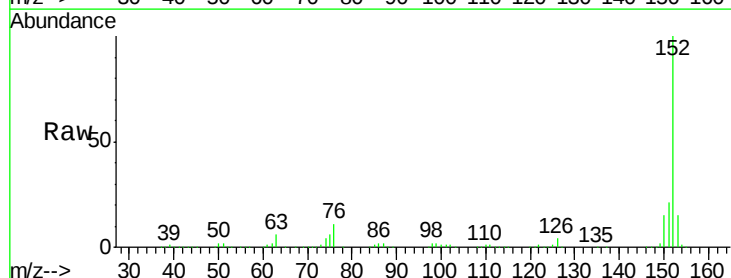
Instrument :
BNA_F
ClientSampleId :
PB110380BS

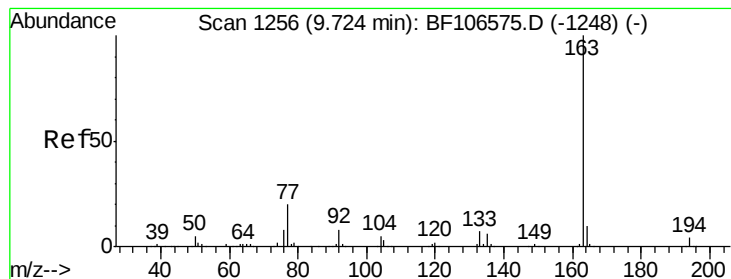
Tgt Ion: 65 Resp: 163760
Ion Ratio Lower Upper
65 100
92 66.1 55.8 83.6
138 109.7 91.2 136.8



#48
Acenaphthylene
Concen: 38.924 ng
RT: 9.87 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF106621.D
Acq: 20 Jun 2018 16:02

Tgt Ion: 152 Resp: 775280
Ion Ratio Lower Upper
152 100
151 21.0 16.3 24.5
153 14.9 10.7 16.1





#49

Dimethylphthalate

Concen: 38.808 ng

RT: 9.72 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BF106621.D

Acq: 20 Jun 2018 16:02

Instrument :

BNA_F

ClientSampleId :

PB110380BS

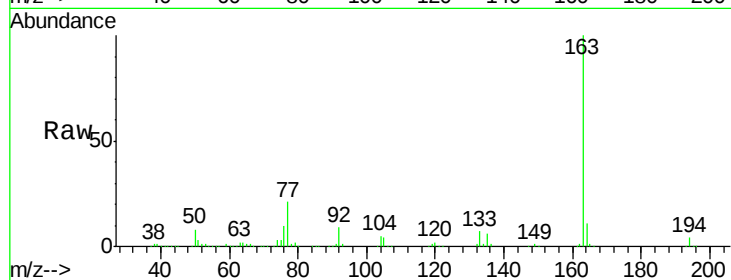
Tgt Ion:163 Resp: 585358

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

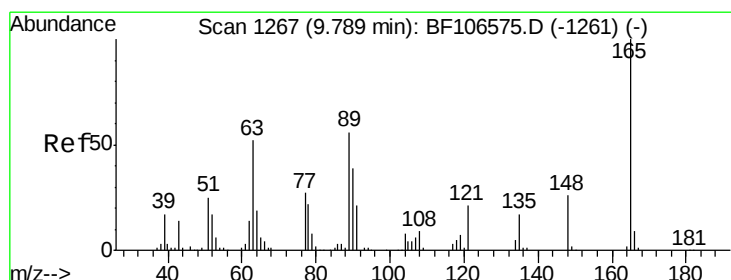
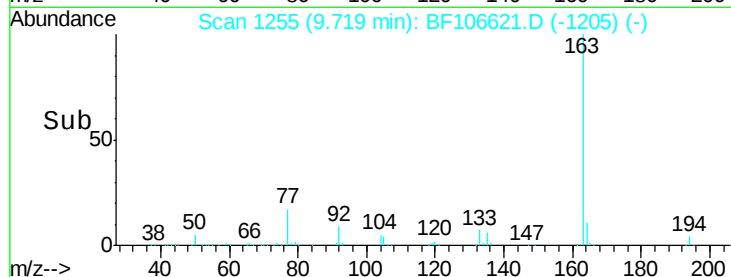
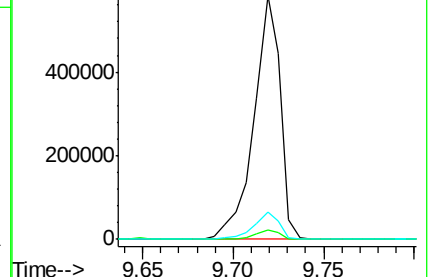
164 11.3 8.2 12.2



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: 43.633 ng

RT: 9.78 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BF106621.D

Acq: 20 Jun 2018 16:02

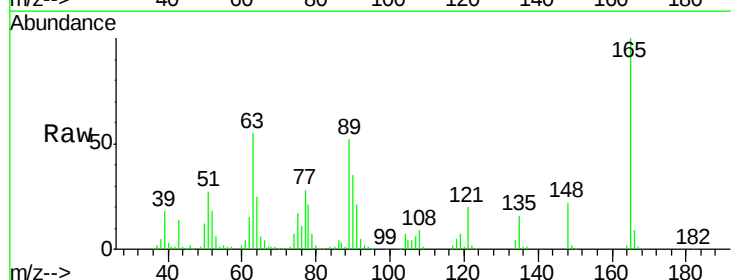
Tgt Ion:165 Resp: 139361

Ion Ratio Lower Upper

165 100

63 54.7 44.7 67.1

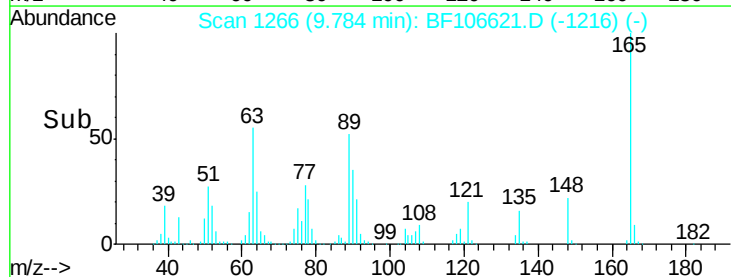
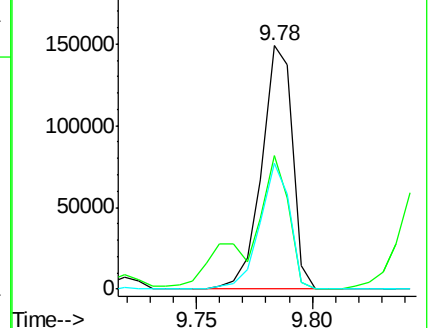
89 51.7 44.0 66.0

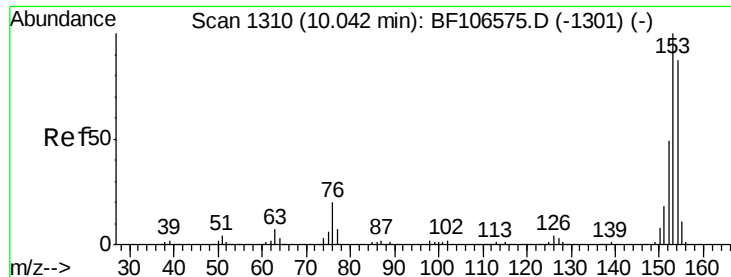


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 38.133 ng

RT: 10.04 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF106621.D

Acq: 20 Jun 2018 16:02

Instrument :

BNA_F

ClientSampleId :

PB110380BS

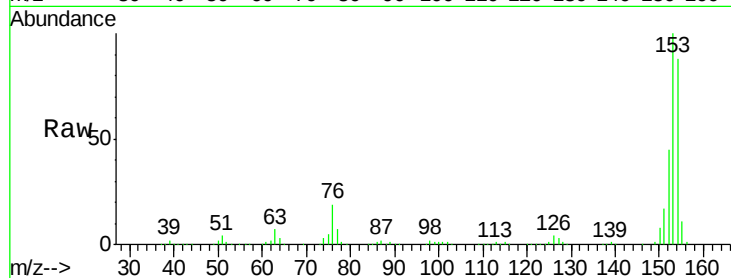
Tgt Ion:154 Resp: 478278

Ion Ratio Lower Upper

154 100

153 114.2 91.2 136.8

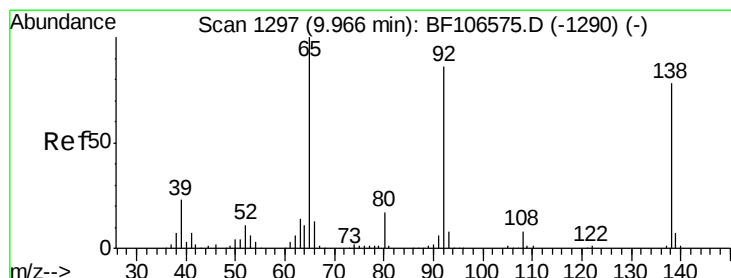
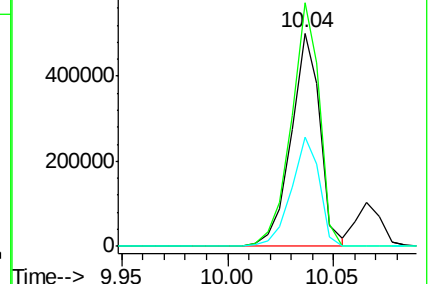
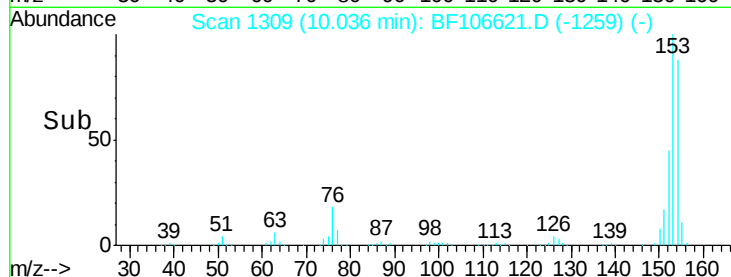
152 51.4 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 18.506 ng

RT: 9.95 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF106621.D

Acq: 20 Jun 2018 16:02

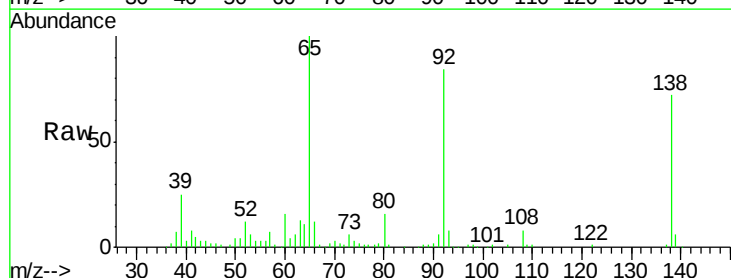
Tgt Ion:138 Resp: 68015

Ion Ratio Lower Upper

138 100

108 10.5 9.4 14.0

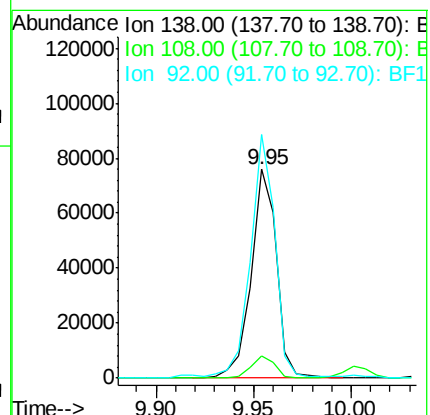
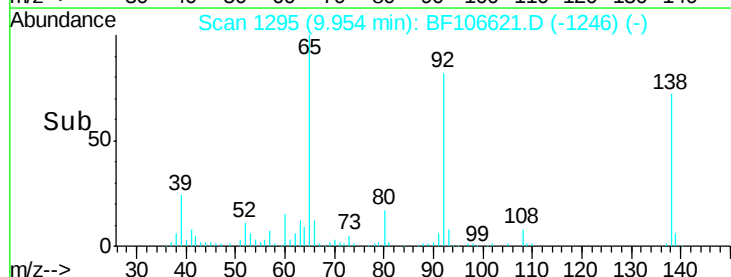
92 116.8 89.4 134.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

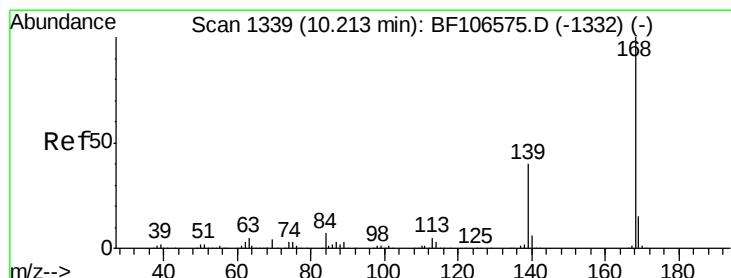
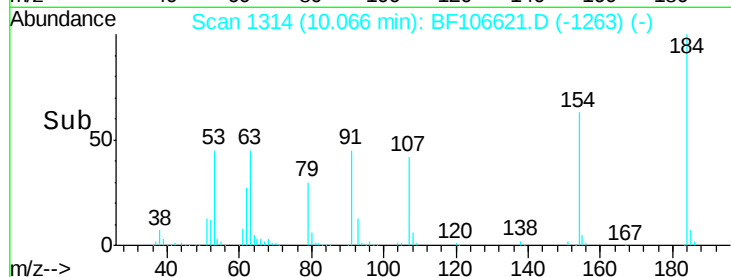
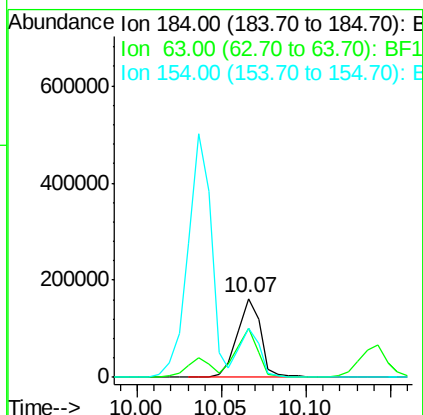
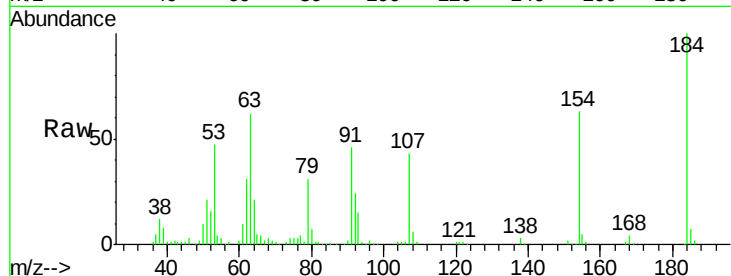




#53
 2,4-Dinitrophenol
 Concen: 94.623 ng
 RT: 10.07 min Scan# 1314
 Delta R.T. 0.00 min
 Lab File: BF106621.D
 Acq: 20 Jun 2018 16:02

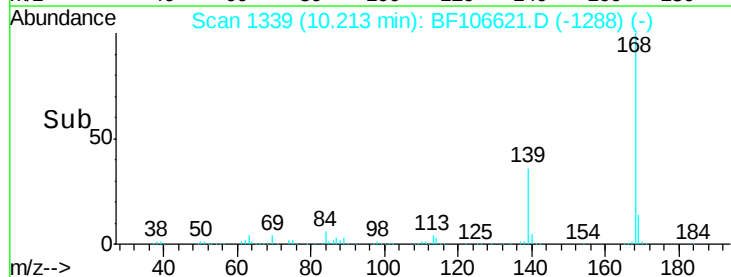
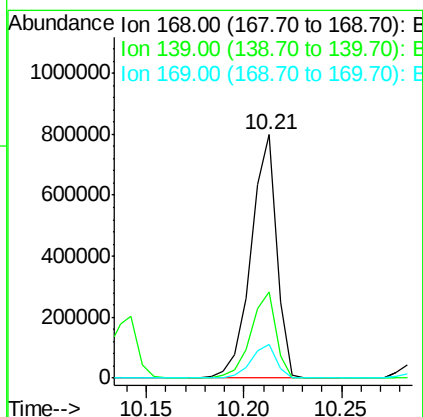
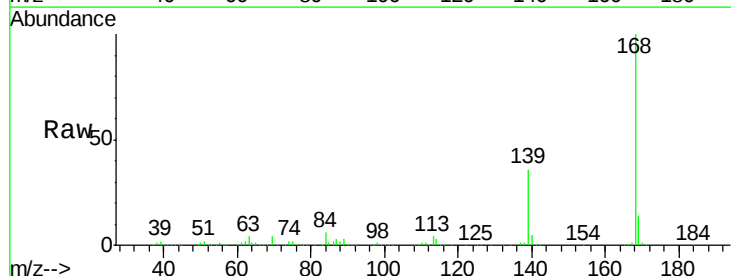
Instrument :
 BNA_F
 ClientSampleId :
 PB110380BS

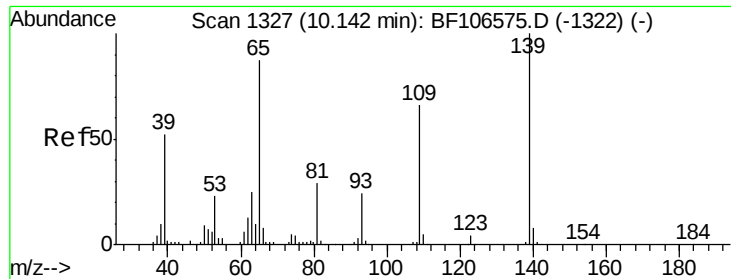
Tgt Ion:184 Resp: 158875
 Ion Ratio Lower Upper
 184 100
 63 62.2 54.2 81.2
 154 62.6 184.0 276.0#



#54
 Dibenzofuran
 Concen: 42.299 ng
 RT: 10.21 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BF106621.D
 Acq: 20 Jun 2018 16:02

Tgt Ion:168 Resp: 726462
 Ion Ratio Lower Upper
 168 100
 139 35.6 30.1 45.1
 169 13.9 10.9 16.3

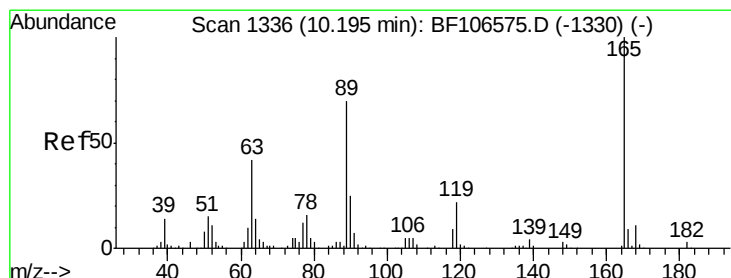
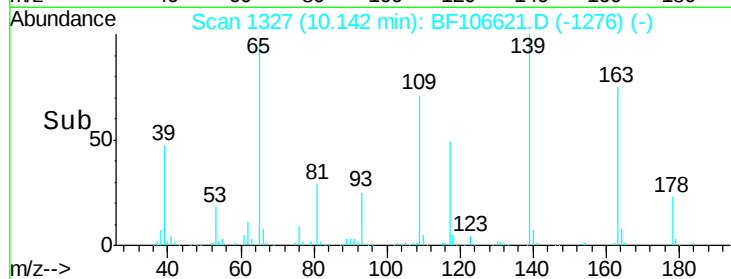
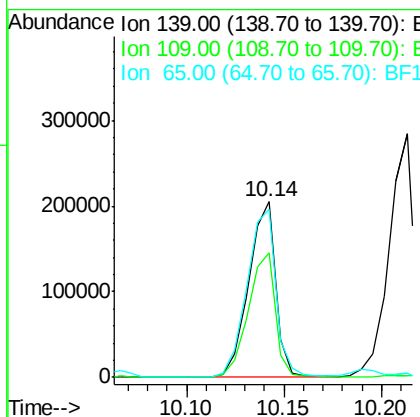
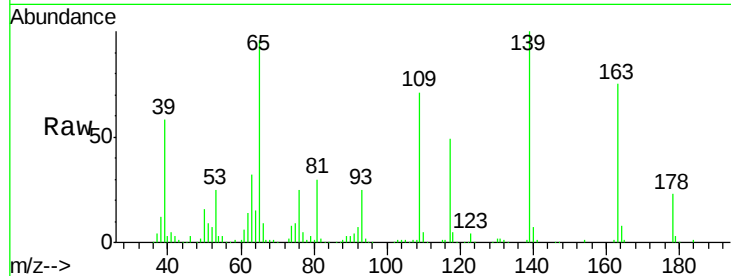




#55
4-Nitrophenol
Concen: 77.017 ng
RT: 10.14 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BF106621.D
Acq: 20 Jun 2018 16:02

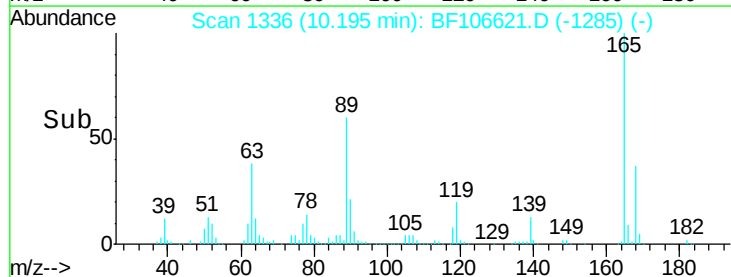
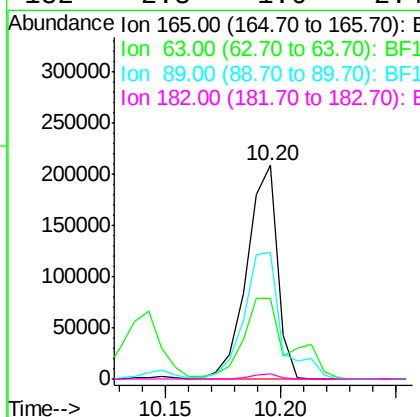
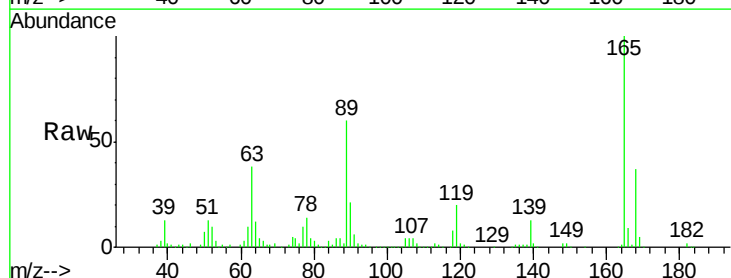
Instrument :
BNA_F
ClientSampleId :
PB110380BS

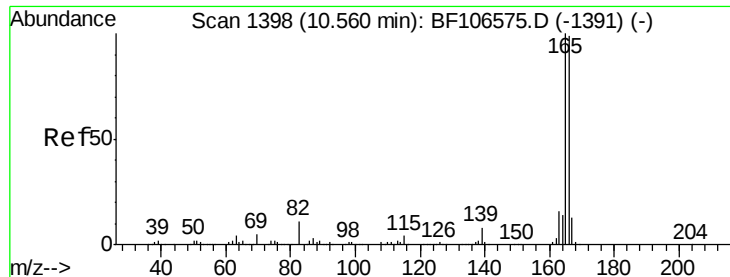
Tgt Ion:139 Resp: 197584
Ion Ratio Lower Upper
139 100
109 71.0 48.4 88.4
65 95.9 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 46.486 ng
RT: 10.20 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF106621.D
Acq: 20 Jun 2018 16:02

Tgt Ion:165 Resp: 193802
Ion Ratio Lower Upper
165 100
63 37.8 36.4 54.6
89 59.5 57.8 86.6
182 2.3 1.6 2.4





#57

Fluorene

Concen: 41.369 ng

RT: 10.55 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF106621.D

Acq: 20 Jun 2018 16:02

Instrument :

BNA_F

ClientSampleId :

PB110380BS

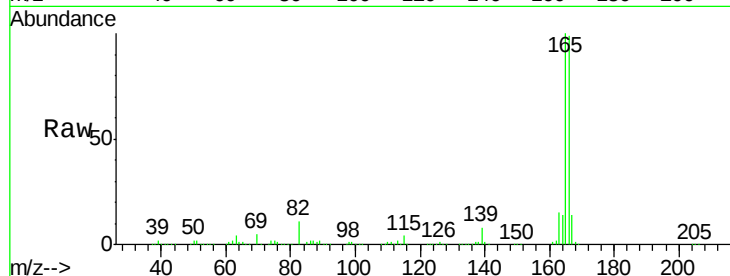
Tgt Ion:166 Resp: 563793

Ion Ratio Lower Upper

166 100

165 100.9 79.8 119.8

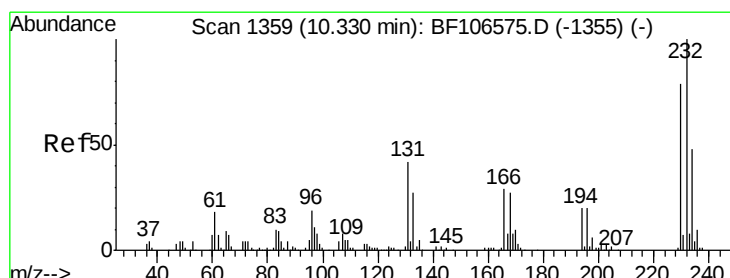
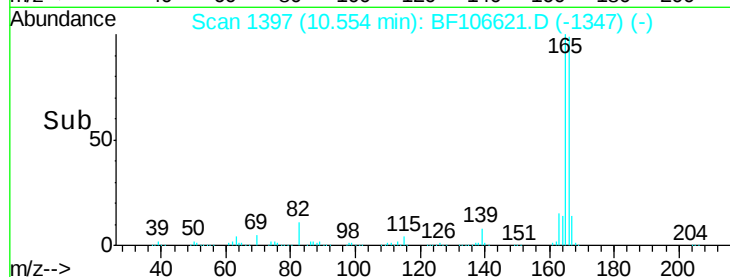
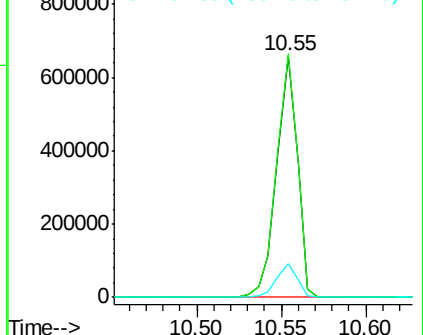
167 13.8 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 48.886 ng

RT: 10.33 min Scan# 1359

Delta R.T. 0.00 min

Lab File: BF106621.D

Acq: 20 Jun 2018 16:02

Tgt Ion:232 Resp: 182550

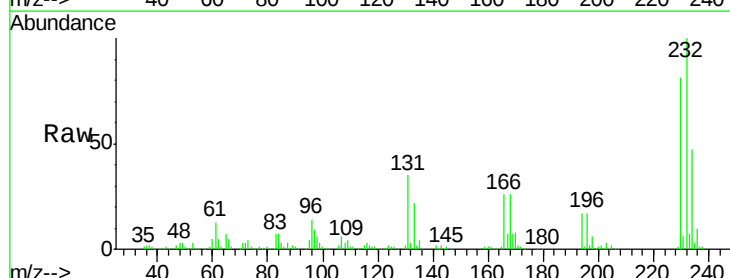
Ion Ratio Lower Upper

232 100

131 35.9 43.8 65.8#

130 1.6 2.1 3.1#

166 27.2 27.8 41.6#

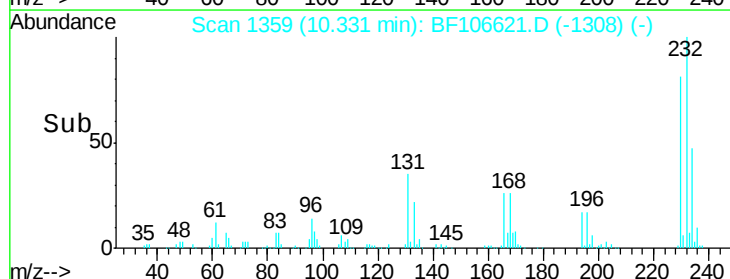
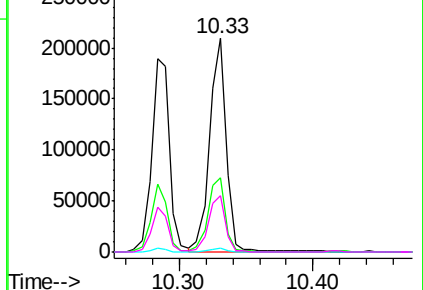


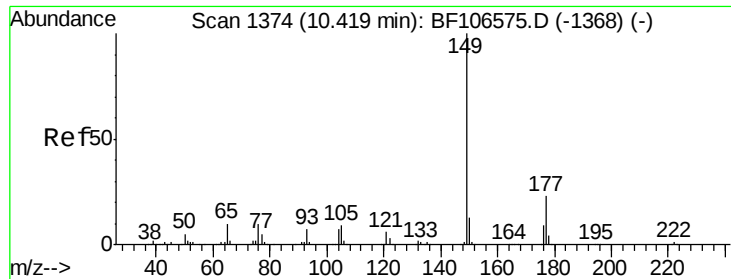
Abundance Ion 232.00 (231.70 to 232.70): E

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

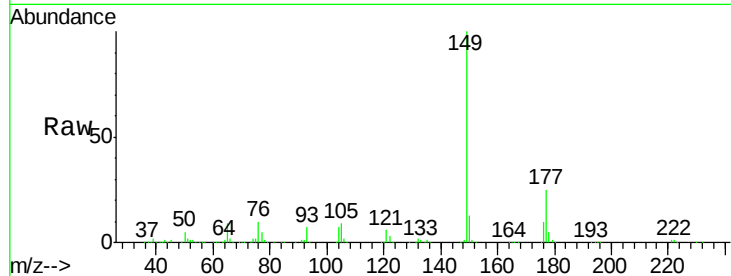




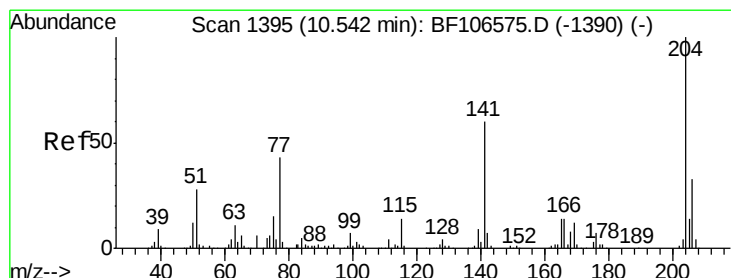
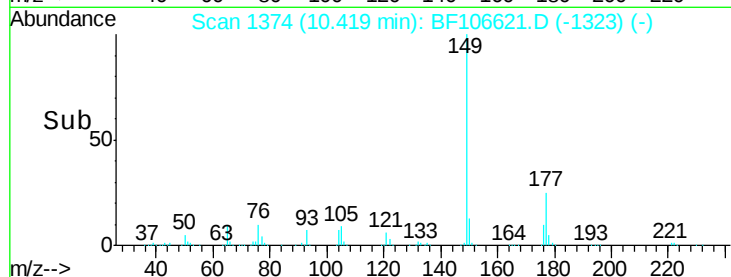
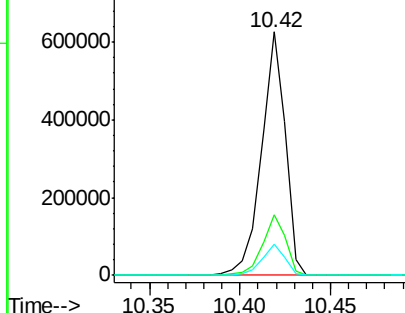
#59
Diethylphthalate
Concen: 39.229 ng
RT: 10.42 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BF106621.D
Acq: 20 Jun 2018 16:02

Instrument :
BNA_F
ClientSampleId :
PB110380BS

Tgt Ion:149 Resp: 571099
Ion Ratio Lower Upper
149 100
177 24.7 16.1 24.1#
150 13.0 10.1 15.1

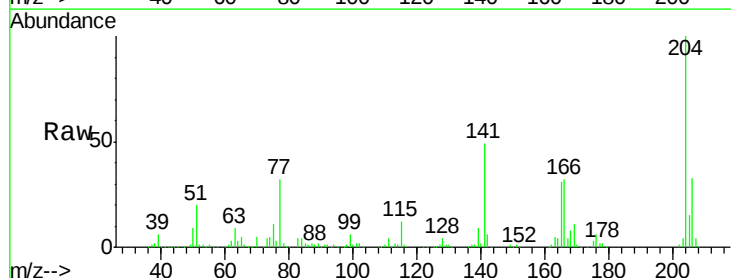


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

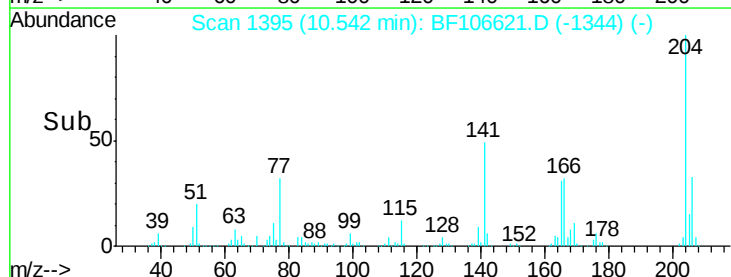
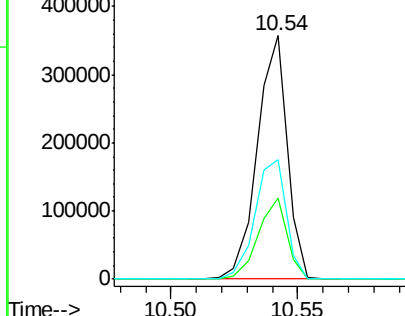


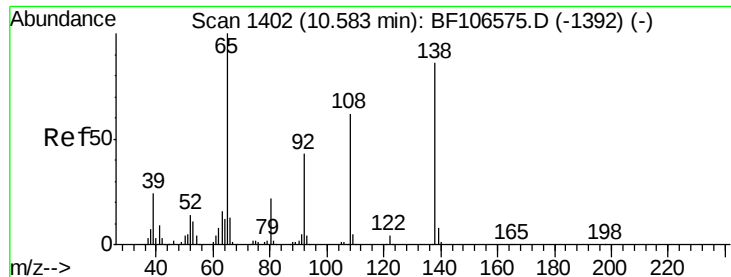
#60
4-Chlorophenyl-phenylether
Concen: 41.461 ng
RT: 10.54 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BF106621.D
Acq: 20 Jun 2018 16:02

Tgt Ion:204 Resp: 295653
Ion Ratio Lower Upper
204 100
206 33.2 26.5 39.7
141 49.0 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

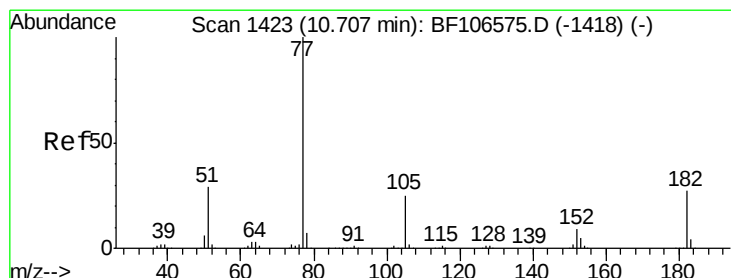
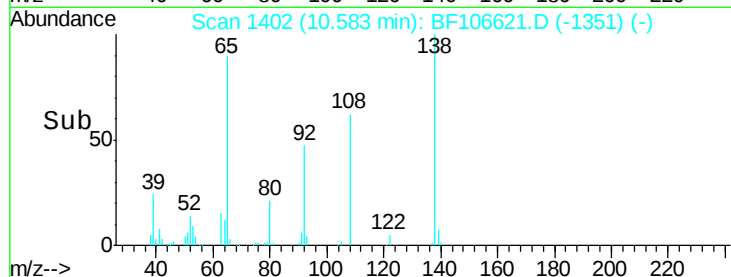
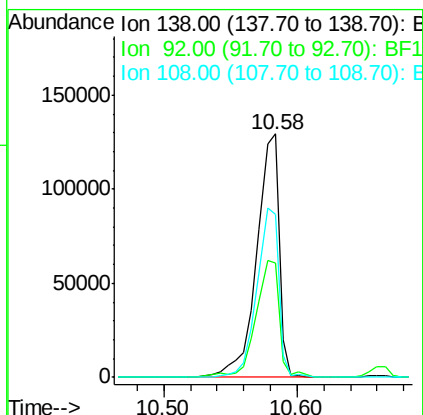
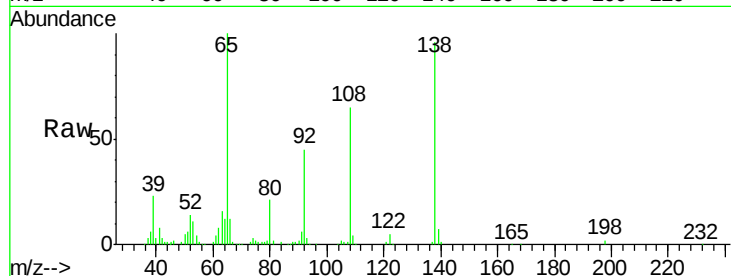




#61
4-Nitroaniline
Concen: 41.074 ng
RT: 10.58 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BF106621.D
Acq: 20 Jun 2018 16:02

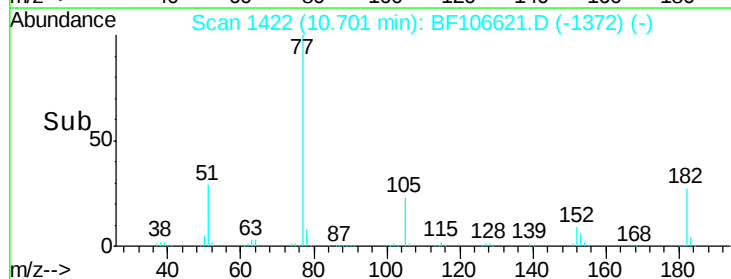
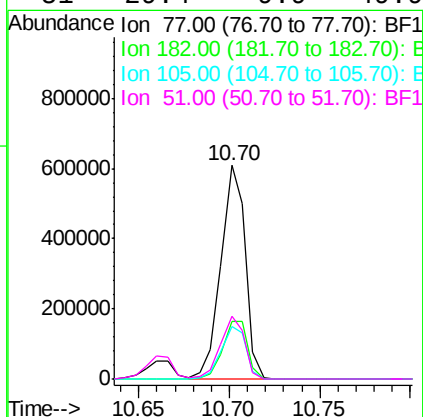
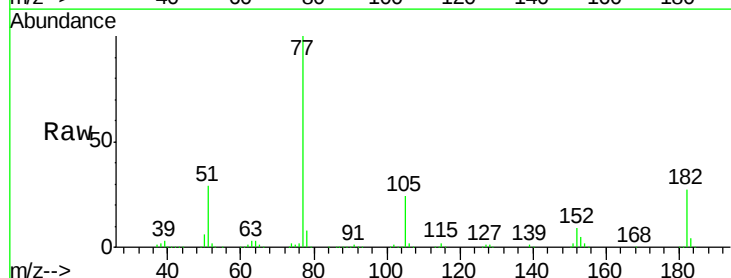
Instrument :
BNA_F
ClientSampleId :
PB110380BS

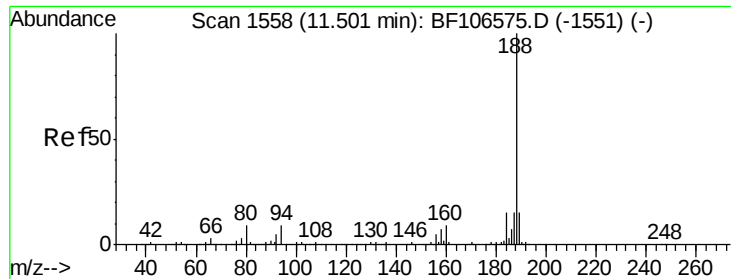
Tgt Ion: 138 Resp: 149821
Ion Ratio Lower Upper
138 100
92 46.9 30.2 70.2
108 67.0 52.5 92.5



#62
Azobenzene
Concen: 39.725 ng
RT: 10.70 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF106621.D
Acq: 20 Jun 2018 16:02

Tgt Ion: 77 Resp: 569490
Ion Ratio Lower Upper
77 100
182 26.7 1.7 41.7
105 24.4 3.0 43.0
51 29.4 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF106621.D

Acq: 20 Jun 2018 16:02

Instrument :

BNA_F

ClientSampleId :

PB110380BS

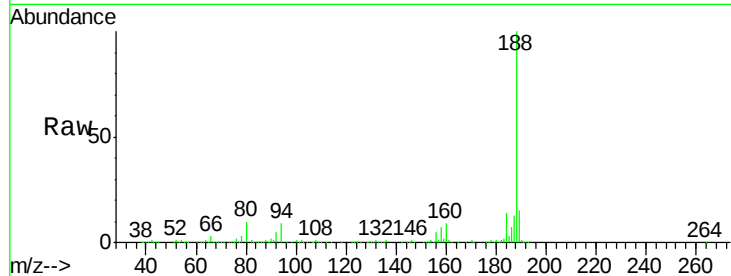
Tgt Ion:188 Resp: 419974

Ion Ratio Lower Upper

188 100

94 9.0 8.5 12.7

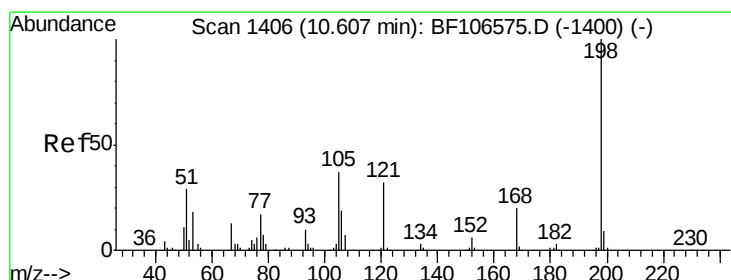
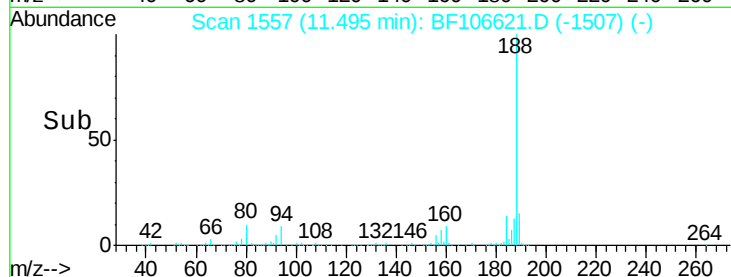
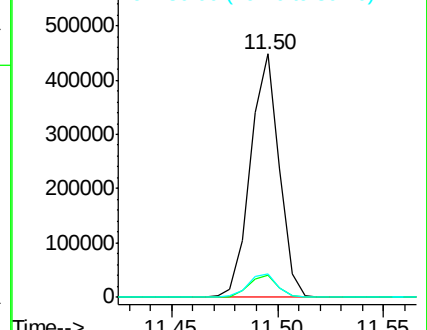
80 9.7 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 45.436 ng

RT: 10.60 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BF106621.D

Acq: 20 Jun 2018 16:02

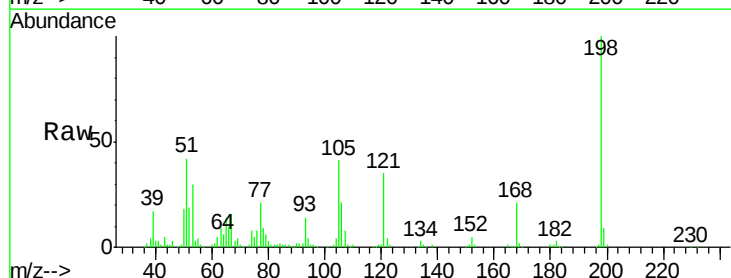
Tgt Ion:198 Resp: 117955

Ion Ratio Lower Upper

198 100

51 42.3 37.7 77.7

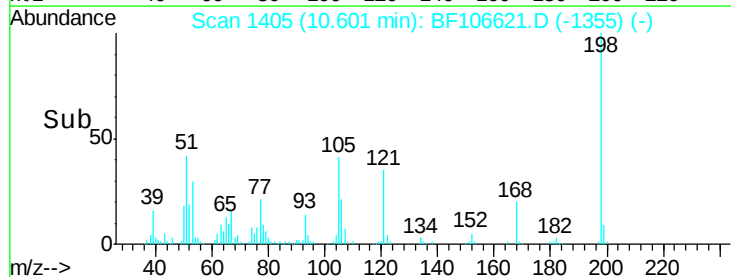
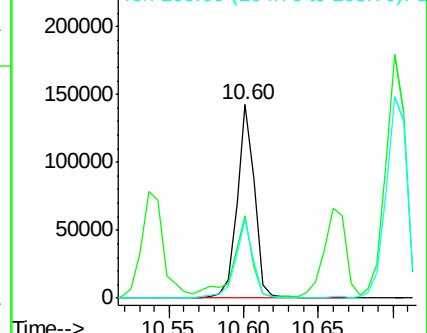
105 40.6 36.3 76.3

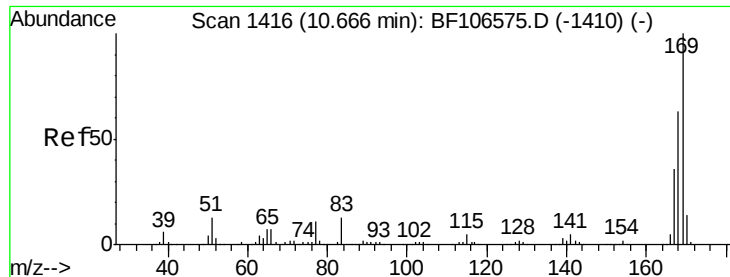


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

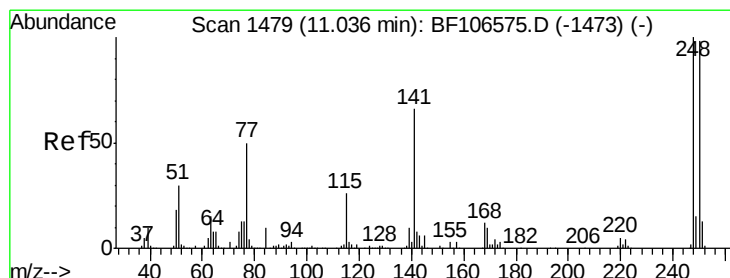
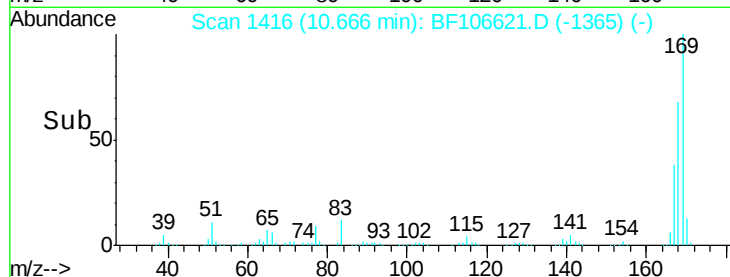
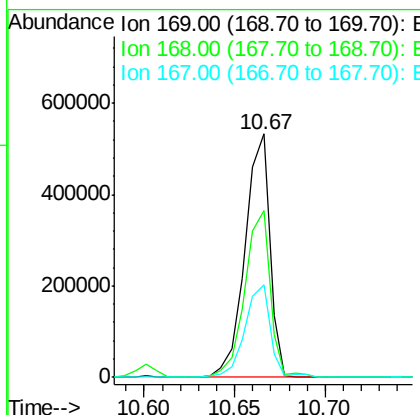
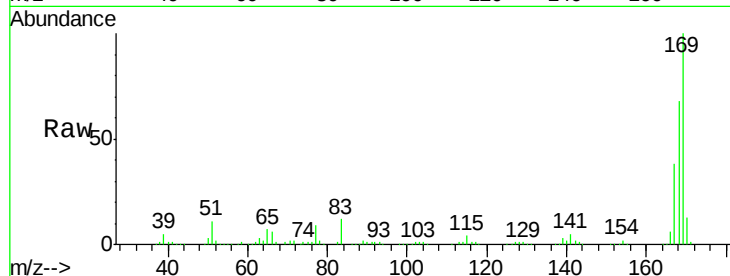




#65
 n-Nitrosodiphenylamine
 Concen: 36.090 ng
 RT: 10.67 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: BF106621.D
 Acq: 20 Jun 2018 16:02

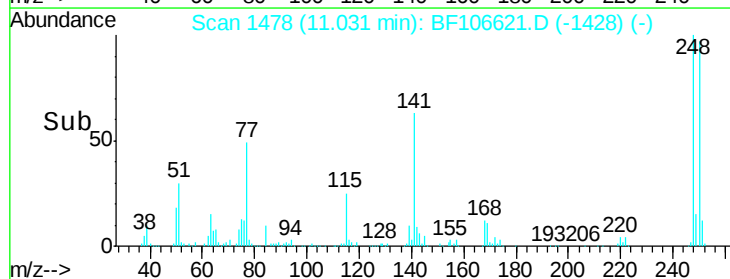
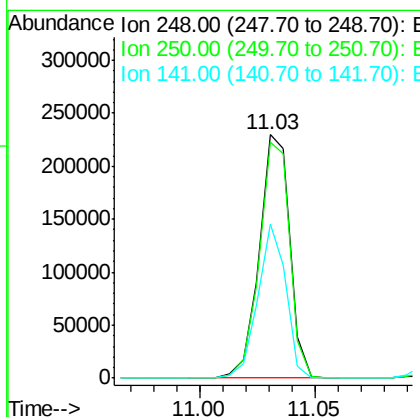
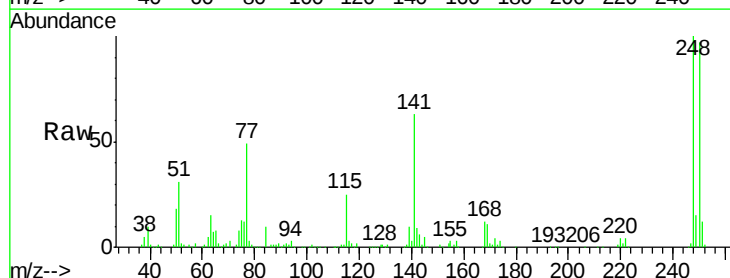
Instrument :
 BNA_F
 ClientSampleId :
 PB110380BS

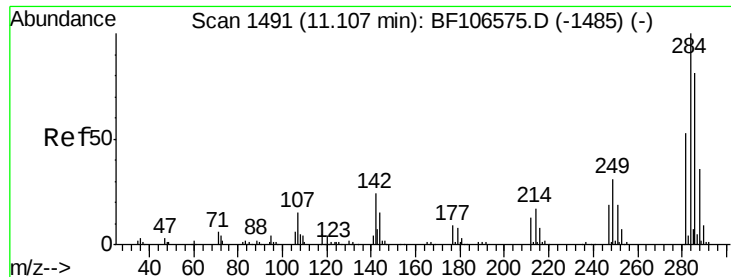
Tgt Ion:169 Resp: 509806
 Ion Ratio Lower Upper
 169 100
 168 68.4 54.4 81.6
 167 38.2 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 42.064 ng
 RT: 11.03 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF106621.D
 Acq: 20 Jun 2018 16:02

Tgt Ion:248 Resp: 210832
 Ion Ratio Lower Upper
 248 100
 250 96.9 76.9 115.3
 141 63.1 74.4 111.6#





#67

Hexachlorobenzene

Concen: 42.297 ng

RT: 11.10 min Scan# 1490

Delta R.T. -0.01 min

Lab File: BF106621.D

Acq: 20 Jun 2018 16:02

Instrument :

BNA_F

ClientSampleId :

PB110380BS

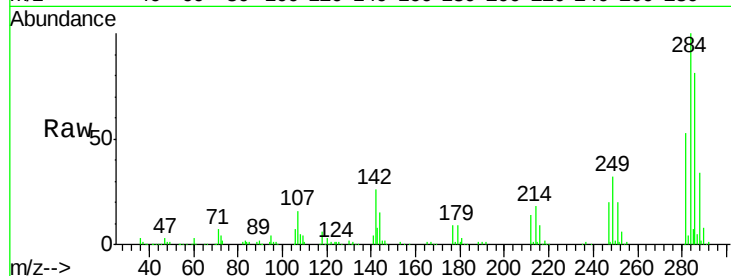
Tgt Ion:284 Resp: 221886

Ion Ratio Lower Upper

284 100

142 26.0 34.6 52.0#

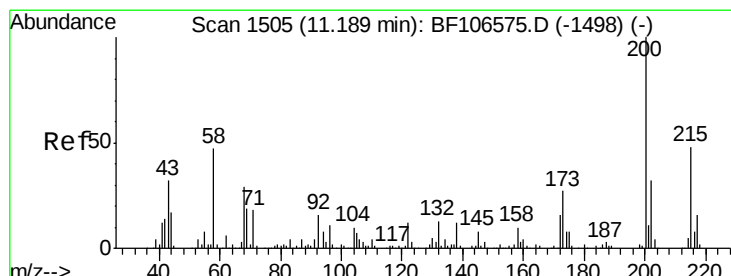
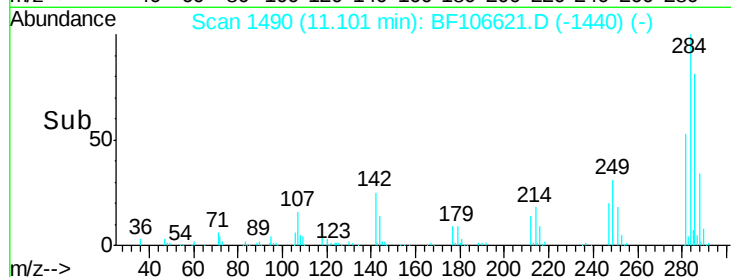
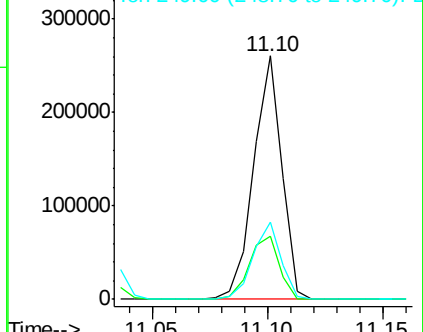
249 31.7 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 43.094 ng

RT: 11.19 min Scan# 1505

Delta R.T. 0.00 min

Lab File: BF106621.D

Acq: 20 Jun 2018 16:02

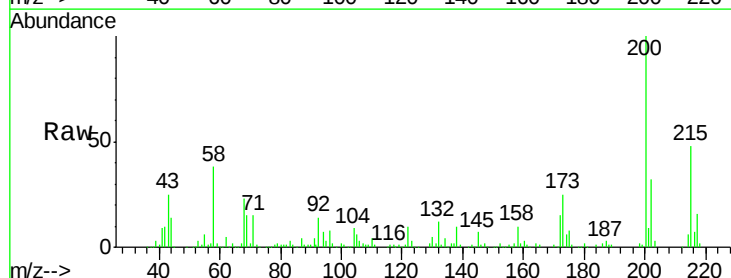
Tgt Ion:200 Resp: 193523

Ion Ratio Lower Upper

200 100

173 25.5 8.6 48.6

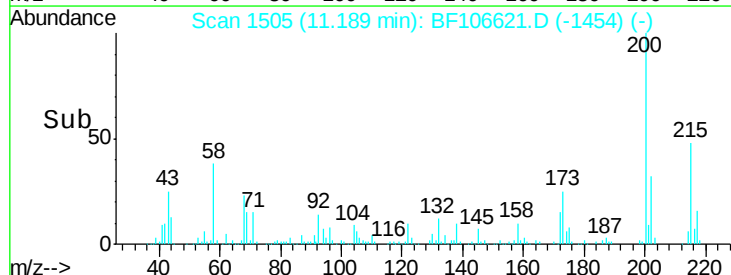
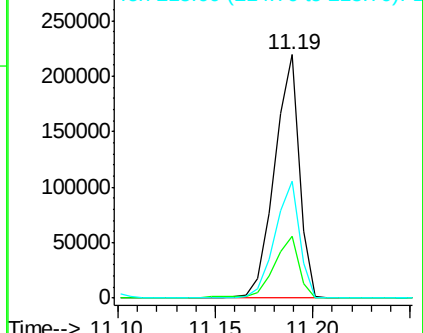
215 48.2 25.1 65.1

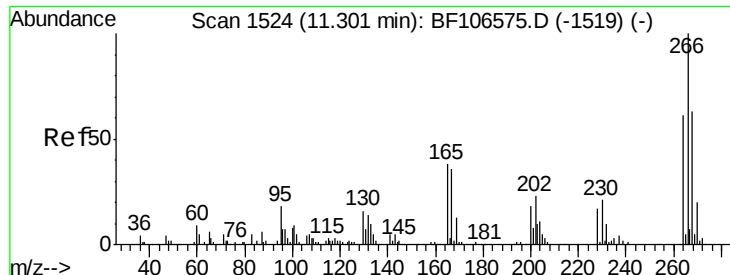


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

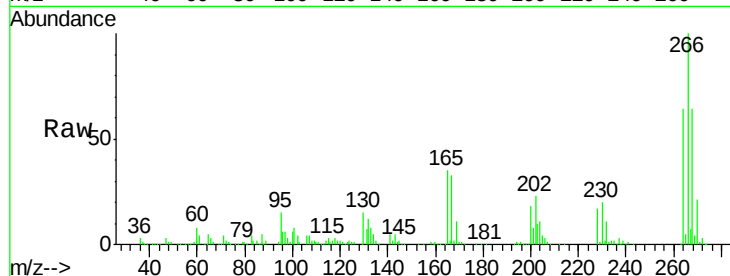




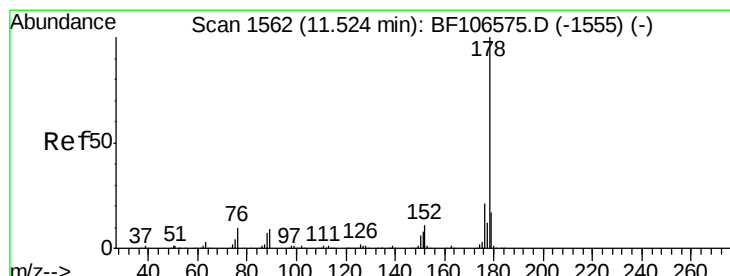
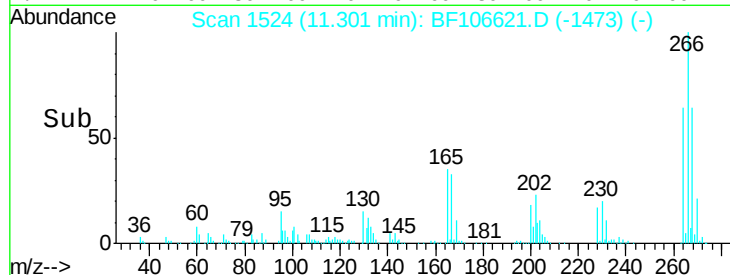
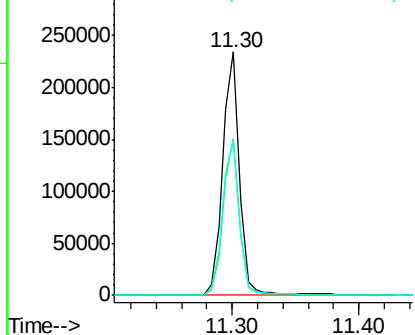
#69
 Pentachlorophenol
 Concen: 83.340 ng
 RT: 11.30 min Scan# 1524
 Delta R.T. 0.00 min
 Lab File: BF106621.D
 Acq: 20 Jun 2018 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB110380BS

Tgt Ion: 266 Resp: 218143
 Ion Ratio Lower Upper
 266 100
 268 64.2 51.1 76.7
 264 64.0 49.5 74.3

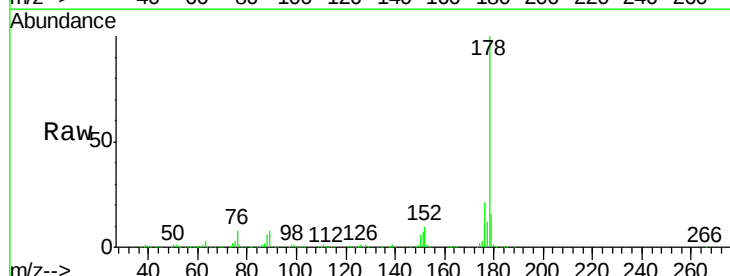


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

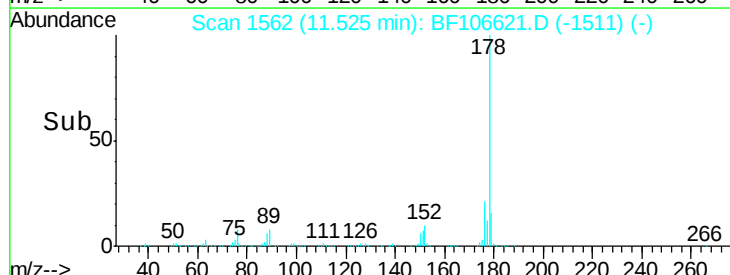
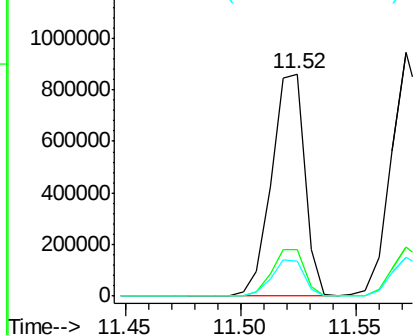


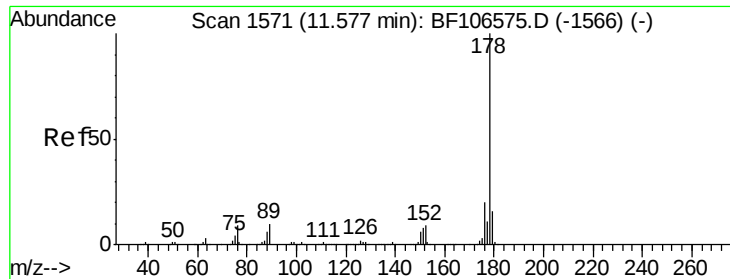
#70
 Phenanthrene
 Concen: 42.472 ng
 RT: 11.52 min Scan# 1562
 Delta R.T. 0.00 min
 Lab File: BF106621.D
 Acq: 20 Jun 2018 16:02

Tgt Ion: 178 Resp: 860326
 Ion Ratio Lower Upper
 178 100
 176 20.7 15.8 23.8
 179 15.7 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

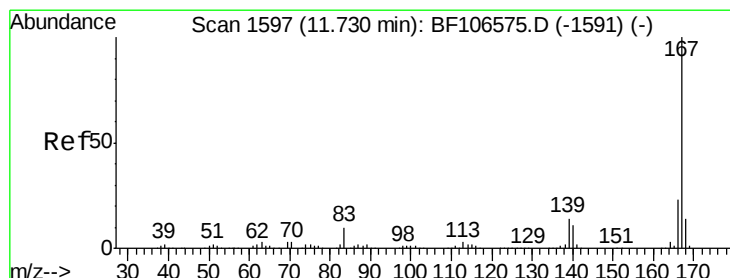
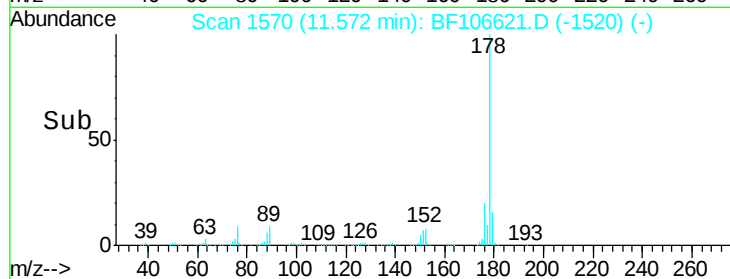
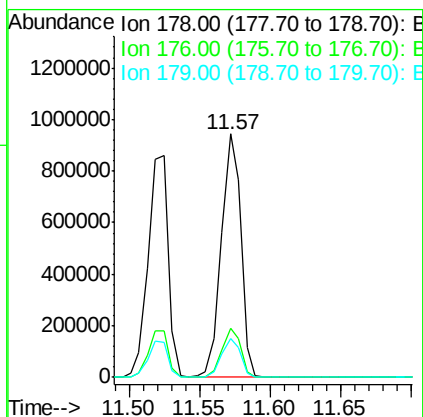
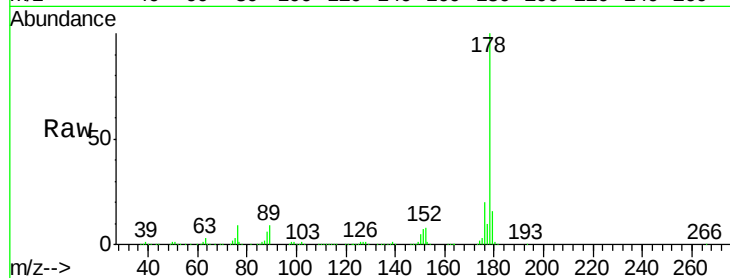




#71
 Anthracene
 Concen: 43.898 ng
 RT: 11.57 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF106621.D
 Acq: 20 Jun 2018 16:02

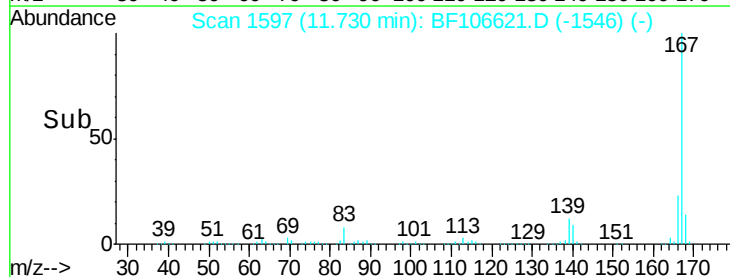
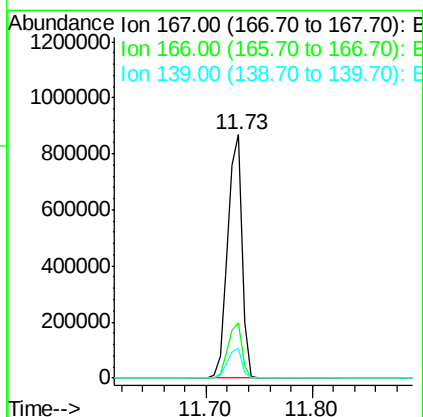
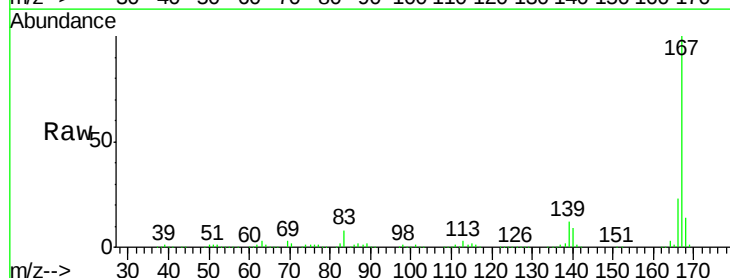
Instrument :
 BNA_F
 ClientSampleId :
 PB110380BS

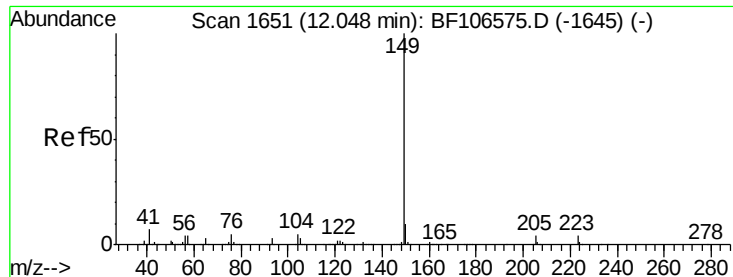
Tgt Ion:178 Resp: 907619
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.4 23.2
 179 16.2 12.6 19.0



#72
 Carbazole
 Concen: 42.064 ng
 RT: 11.73 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: BF106621.D
 Acq: 20 Jun 2018 16:02

Tgt Ion:167 Resp: 814258
 Ion Ratio Lower Upper
 167 100
 166 22.8 17.6 26.4
 139 12.2 10.9 16.3





#73

Di-n-butylphthalate

Concen: 40.784 ng

RT: 12.04 min Scan# 1650

Delta R.T. -0.01 min

Lab File: BF106621.D

Acq: 20 Jun 2018 16:02

Instrument :

BNA_F

ClientSampleId :

PB110380BS

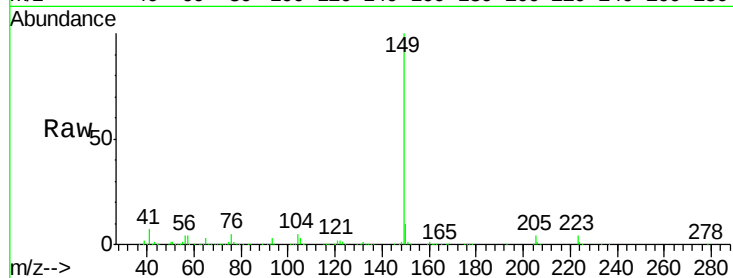
Tgt Ion:149 Resp: 930076

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.6

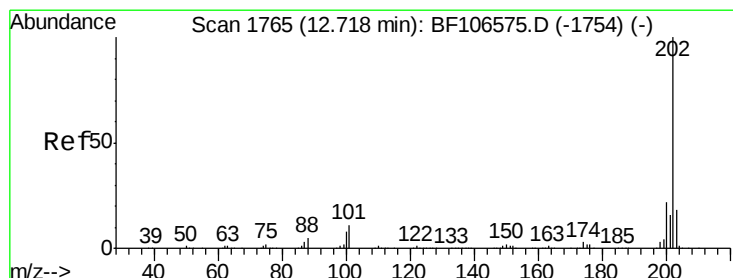
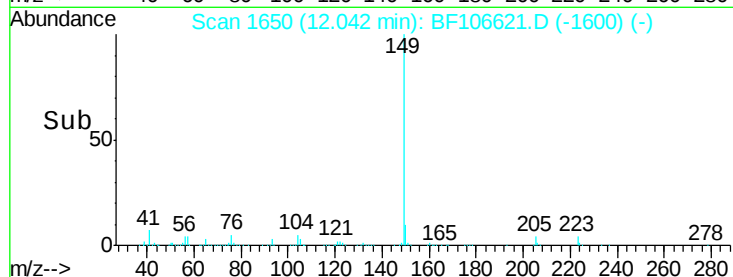
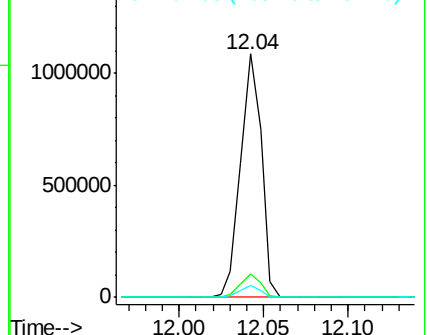
104 5.0 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.149 ng

RT: 12.71 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BF106621.D

Acq: 20 Jun 2018 16:02

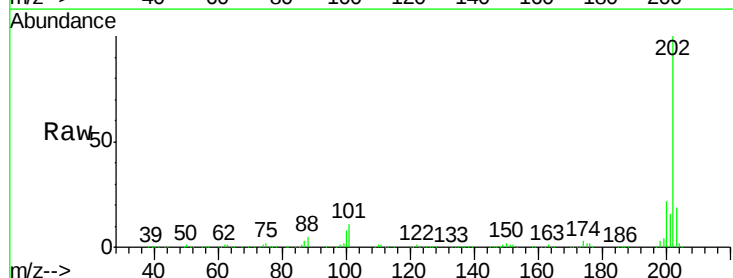
Tgt Ion:202 Resp: 985686

Ion Ratio Lower Upper

202 100

101 11.2 0.0 34.1

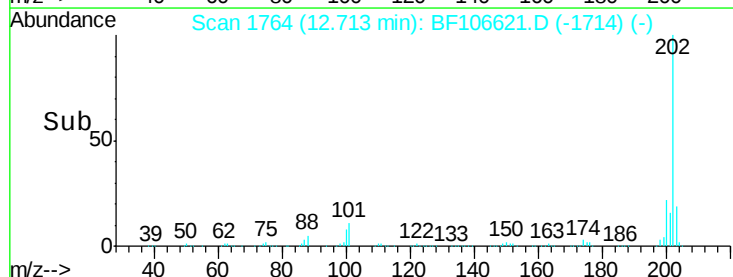
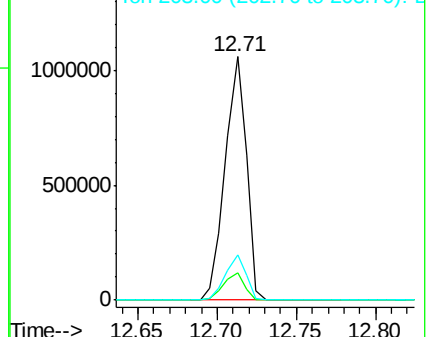
203 18.6 0.0 38.1

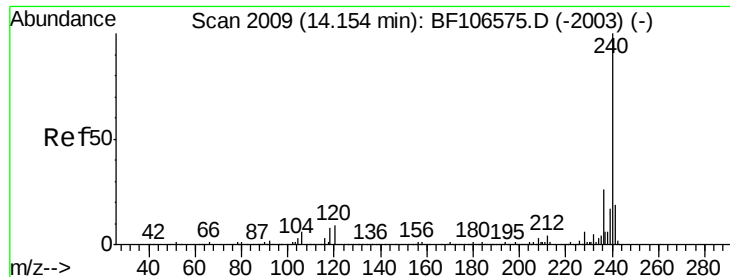


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BF106621.D

Acq: 20 Jun 2018 16:02

Instrument :

BNA_F

ClientSampleId :

PB110380BS

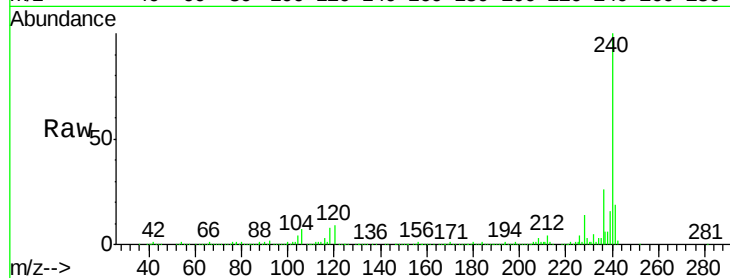
Tgt Ion:240 Resp: 349117

Ion Ratio Lower Upper

240 100

120 8.7 9.5 14.3#

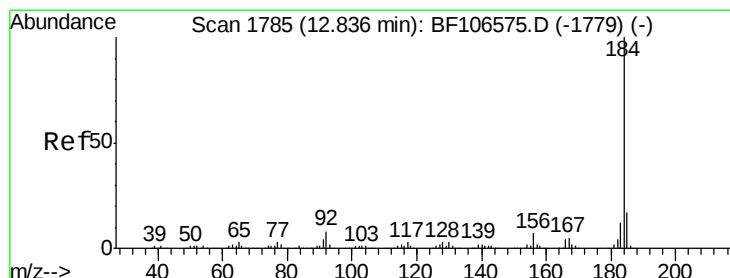
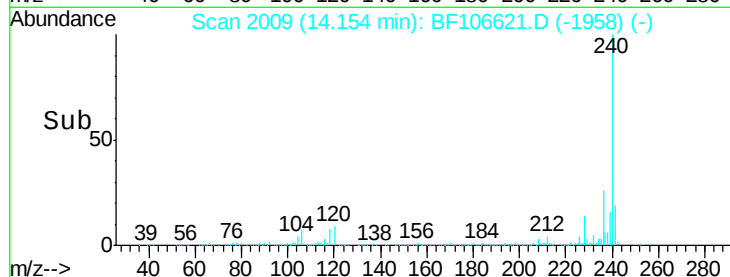
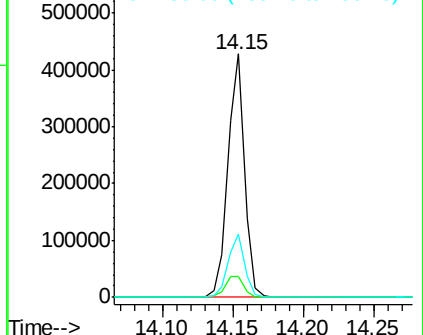
236 26.1 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 33.861 ng

RT: 12.83 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF106621.D

Acq: 20 Jun 2018 16:02

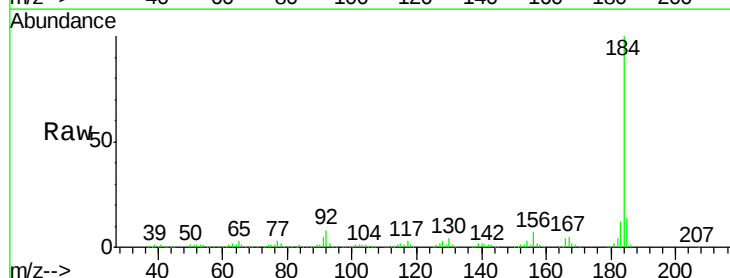
Tgt Ion:184 Resp: 336668

Ion Ratio Lower Upper

184 100

185 14.0 12.6 18.8

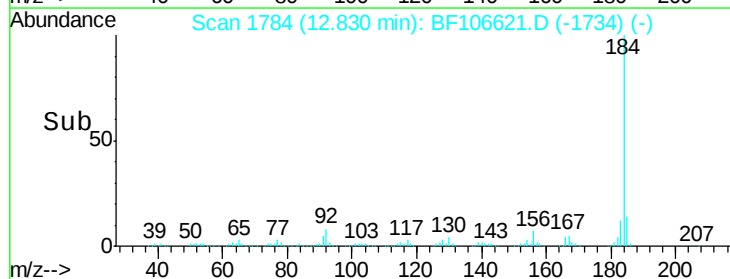
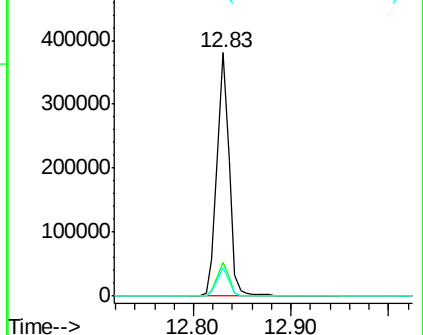
183 11.6 9.3 13.9

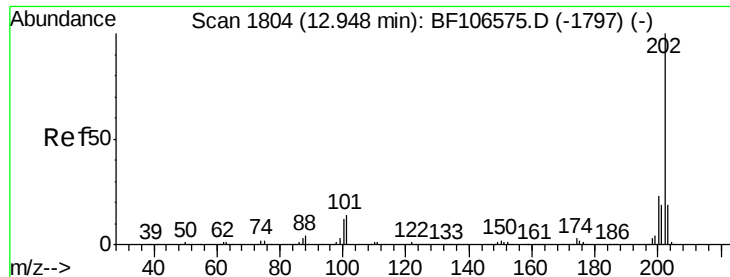


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

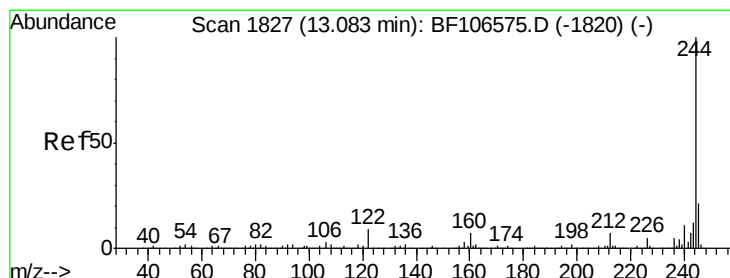
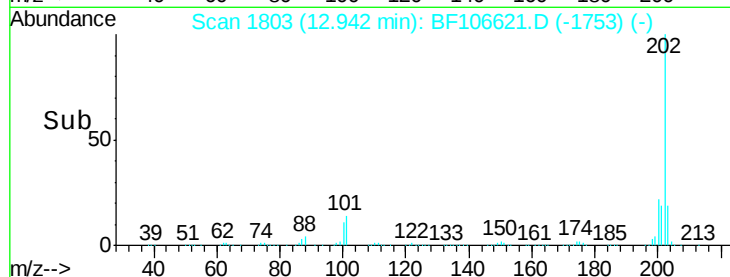
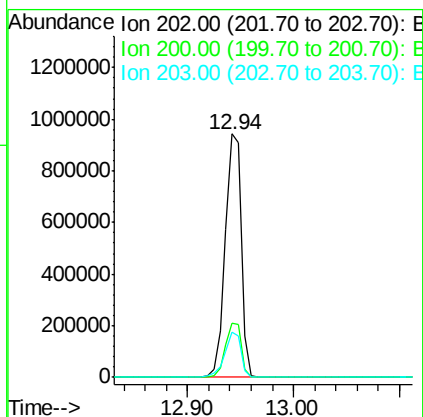
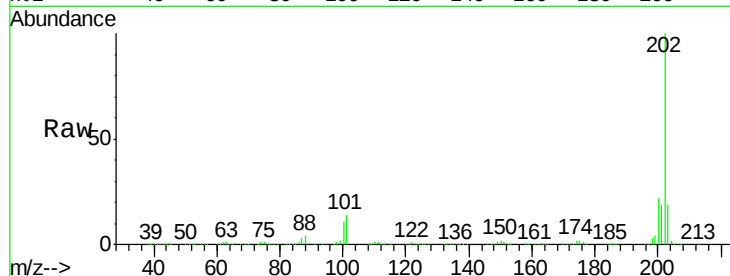




#77
 Pyrene
 Concen: 43.146 ng
 RT: 12.94 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: BF106621.D
 Acq: 20 Jun 2018 16:02

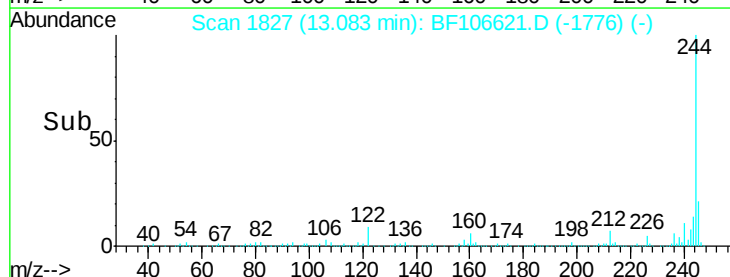
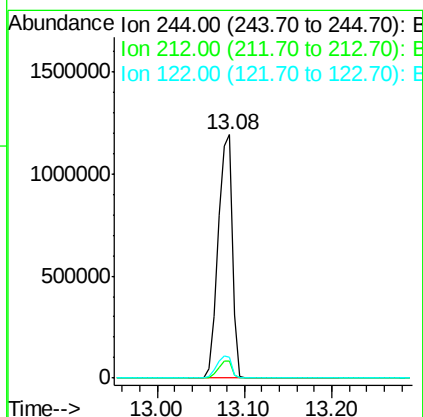
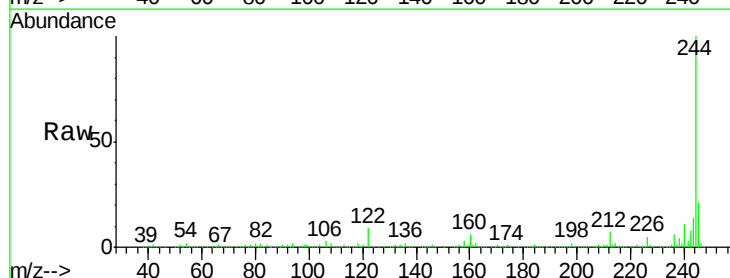
Instrument :
 BNA_F
 ClientSampleId :
 PB110380BS

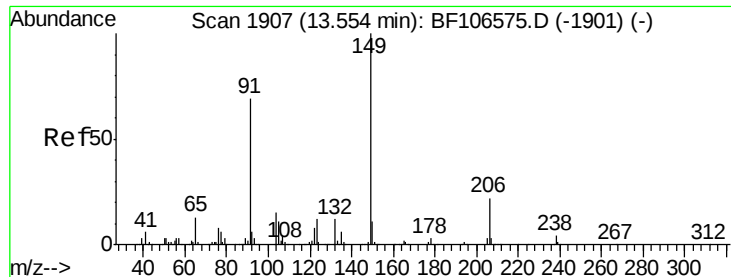
Tgt Ion: 202 Resp: 993305
 Ion Ratio Lower Upper
 202 100
 200 22.4 17.4 26.2
 203 18.7 14.3 21.5



#78
 Terphenyl-d14
 Concen: 93.542 ng
 RT: 13.08 min Scan# 1827
 Delta R.T. 0.00 min
 Lab File: BF106621.D
 Acq: 20 Jun 2018 16:02

Tgt Ion: 244 Resp: 1348182
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 8.6 11.0 16.4#

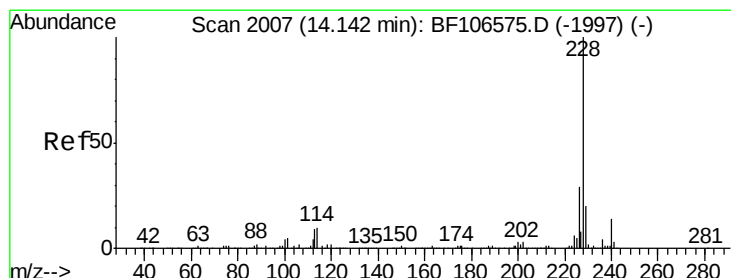
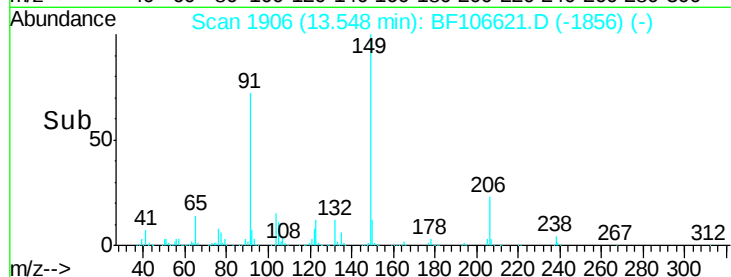
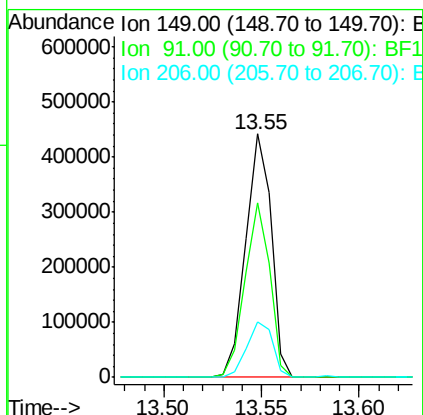
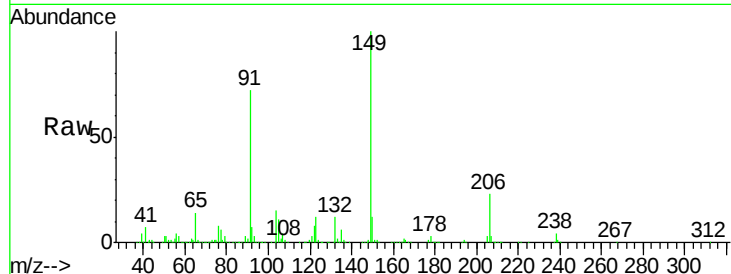




#79
Butylbenzylphthalate
Concen: 42.602 ng
RT: 13.55 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BF106621.D
Acq: 20 Jun 2018 16:02

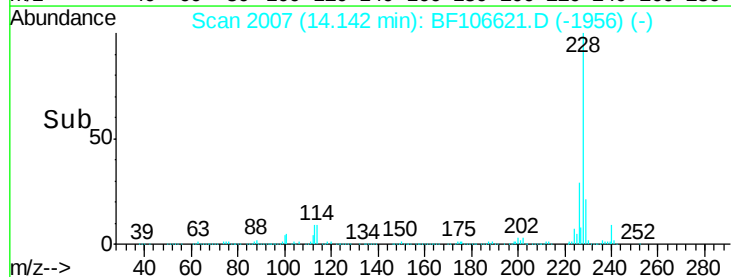
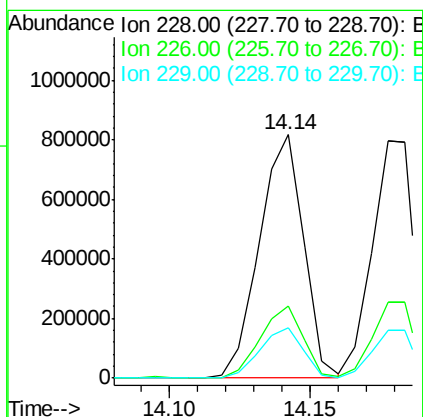
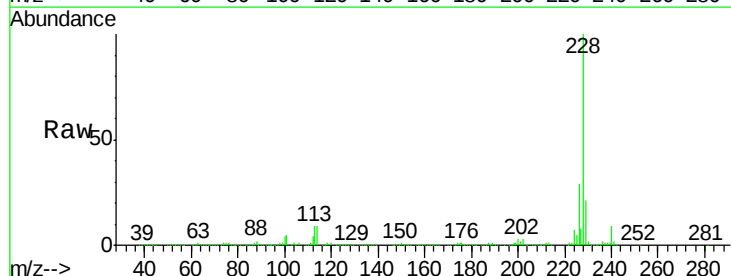
Instrument :
BNA_F
ClientSampleId :
PB110380BS

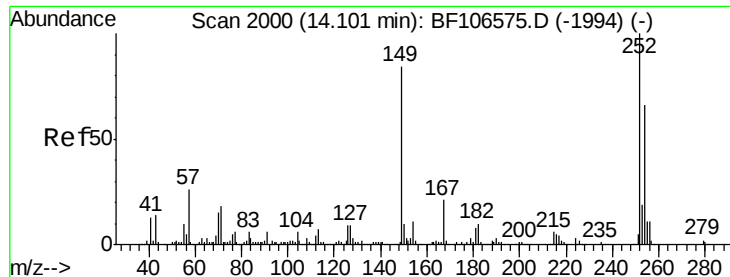
Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.8	56.8	85.2
206	22.8	14.1	21.1



#80
Benzo(a)anthracene
Concen: 41.726 ng
RT: 14.14 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BF106621.D
Acq: 20 Jun 2018 16:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.6	33.8
229	20.8	15.8	23.6

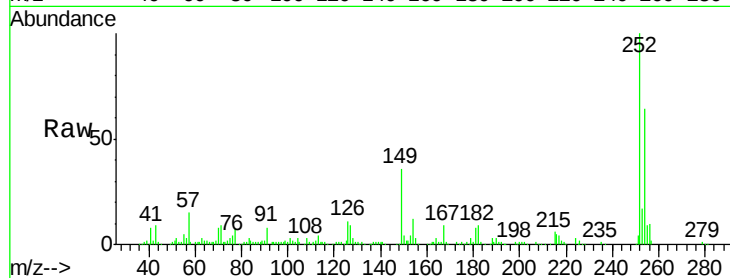




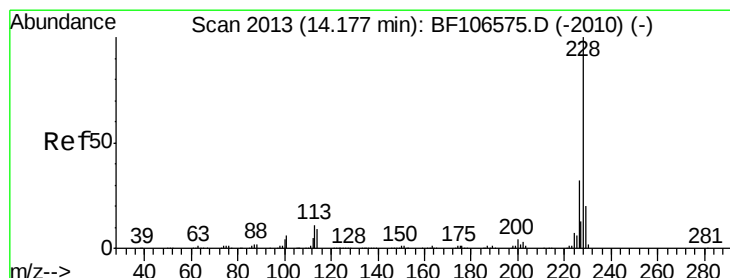
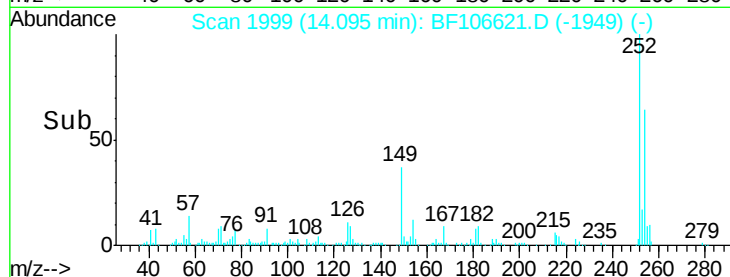
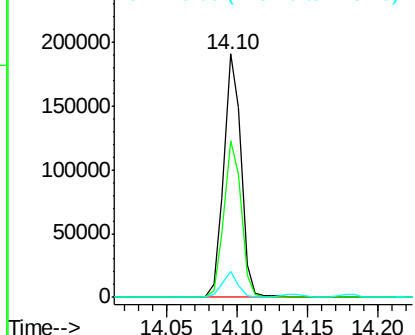
#81
 3,3'-Dichlorobenzidine
 Concen: 21.856 ng
 RT: 14.10 min Scan# 1999
 Delta R.T. -0.01 min
 Lab File: BF106621.D
 Acq: 20 Jun 2018 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB110380BS

Tgt Ion:252 Resp: 163446
 Ion Ratio Lower Upper
 252 100
 254 64.2 50.4 75.6
 126 10.8 11.3 16.9#

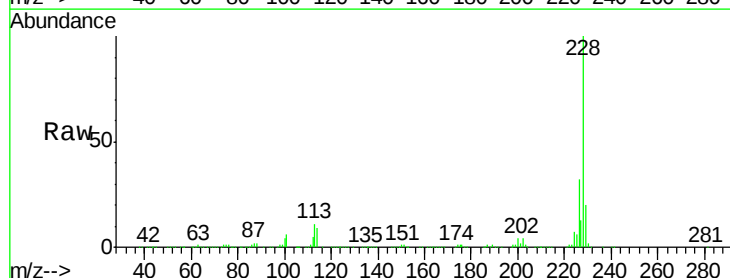


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

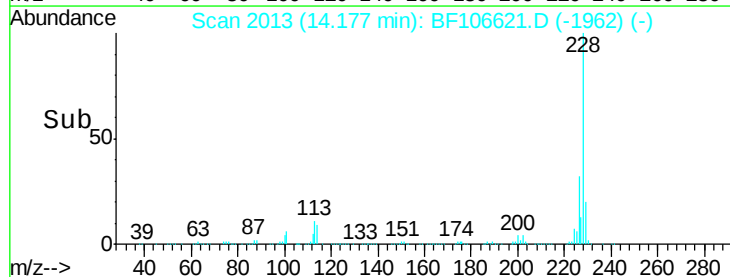
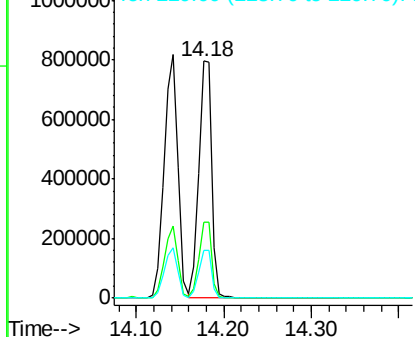


#82
 Chrysene
 Concen: 41.842 ng
 RT: 14.18 min Scan# 2013
 Delta R.T. 0.00 min
 Lab File: BF106621.D
 Acq: 20 Jun 2018 16:02

Tgt Ion:228 Resp: 819071
 Ion Ratio Lower Upper
 228 100
 226 32.2 25.0 37.6
 229 20.3 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

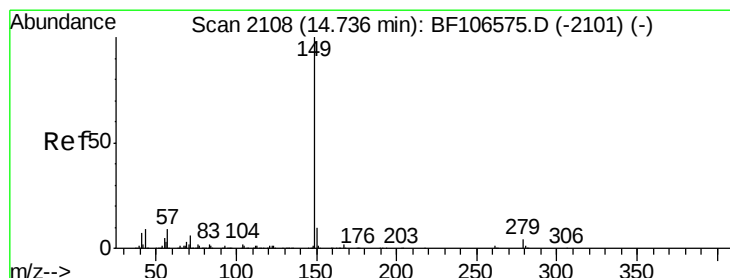
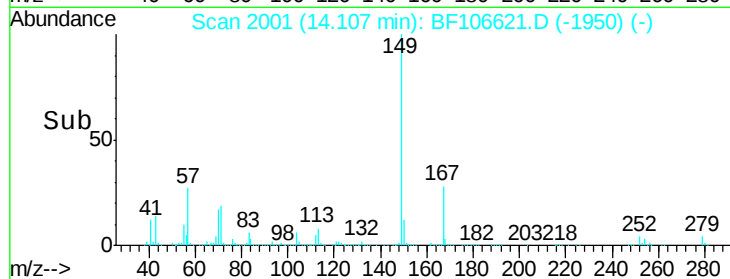
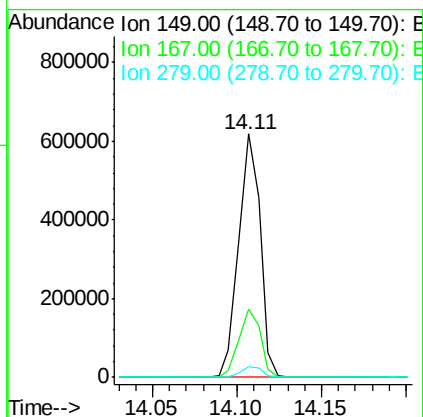
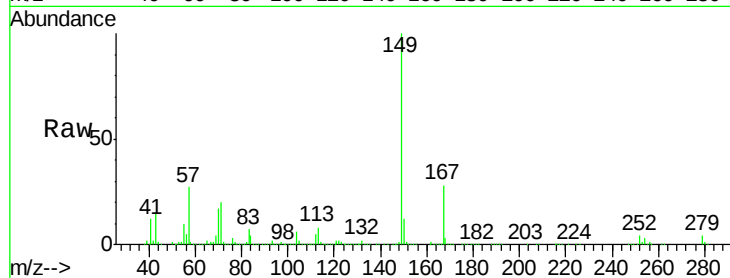




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.571 ng
 RT: 14.11 min Scan# 2001
 Delta R.T. 0.00 min
 Lab File: BF106621.D
 Acq: 20 Jun 2018 16:02

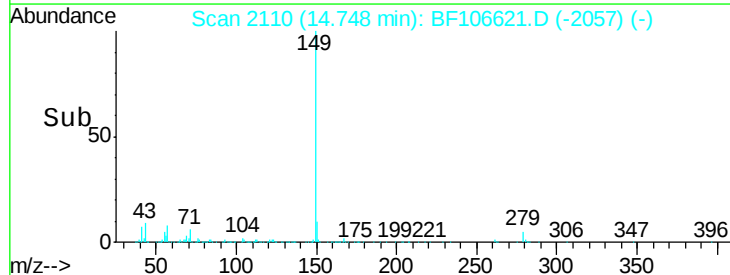
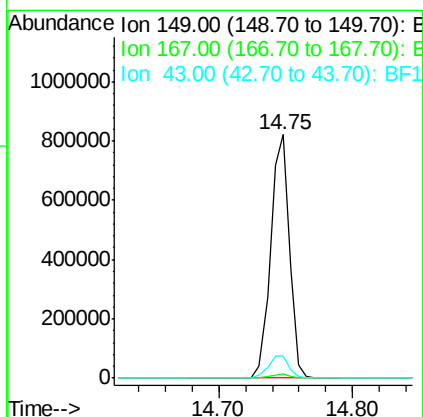
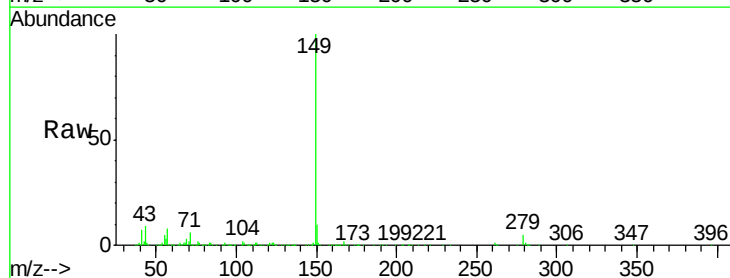
Instrument :
 BNA_F
 ClientSampleId :
 PB110380BS

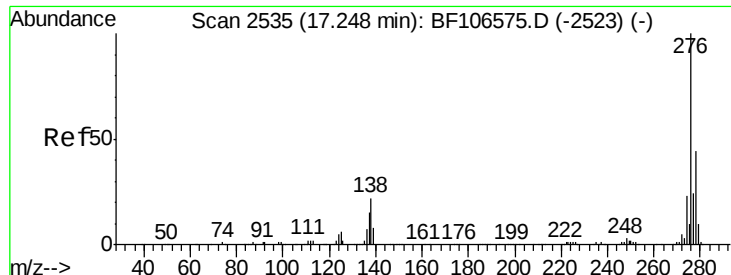
Tgt Ion:149 Resp: 551464
 Ion Ratio Lower Upper
 149 100
 167 28.3 21.3 31.9
 279 4.4 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 40.872 ng
 RT: 14.75 min Scan# 2110
 Delta R.T. 0.01 min
 Lab File: BF106621.D
 Acq: 20 Jun 2018 16:02

Tgt Ion:149 Resp: 806215
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.2 1.8#
 43 9.5 8.4 12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 46.800 ng

RT: 17.27 min Scan# 2538

Delta R.T. 0.02 min

Lab File: BF106621.D

Acq: 20 Jun 2018 16:02

Instrument :

BNA_F

ClientSampleId :

PB110380BS

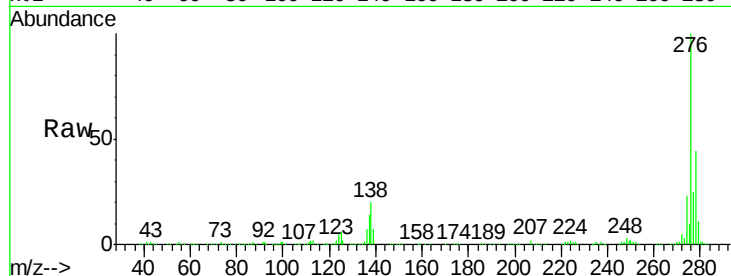
Tgt Ion:276 Resp: 777442

Ion Ratio Lower Upper

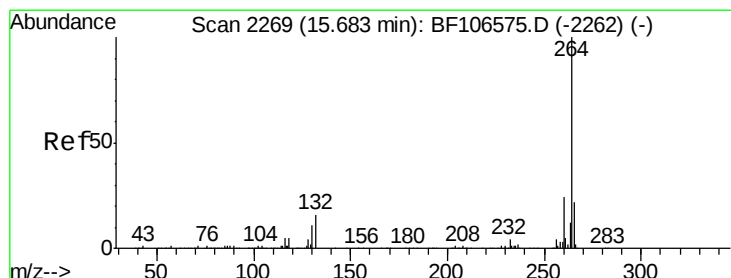
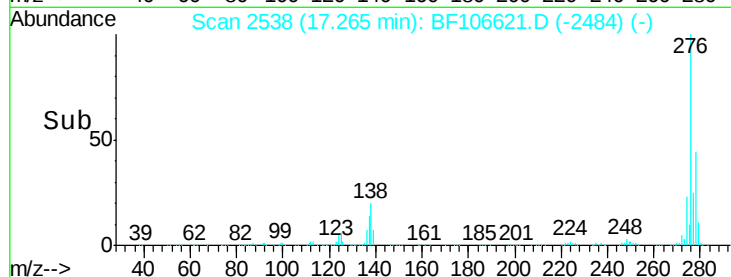
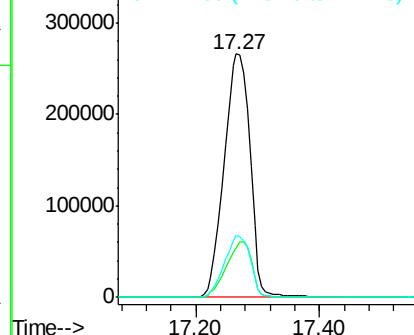
276 100

138 22.2 25.0 37.6#

277 25.2 20.1 30.1



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2270

Delta R.T. 0.01 min

Lab File: BF106621.D

Acq: 20 Jun 2018 16:02

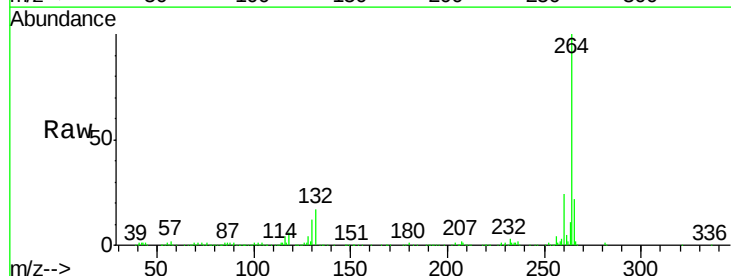
Tgt Ion:264 Resp: 284044

Ion Ratio Lower Upper

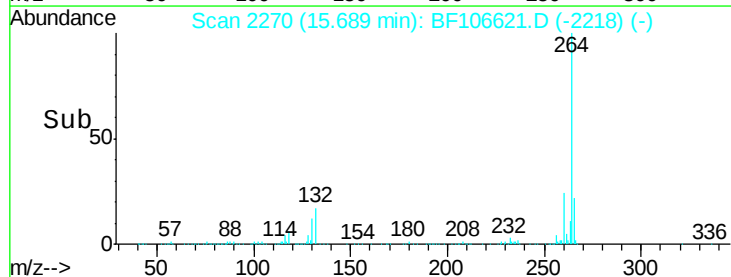
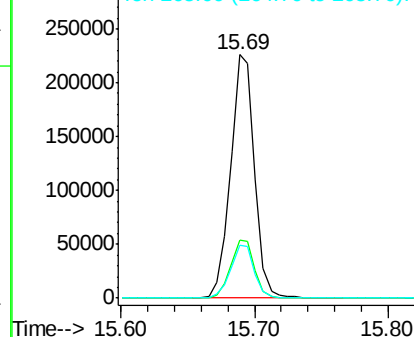
264 100

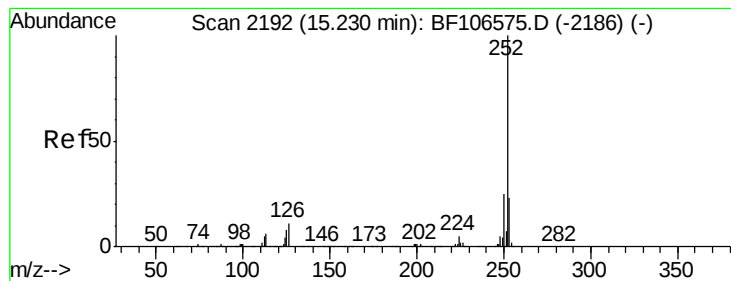
260 24.0 19.2 28.8

265 21.9 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: 41.968 ng

RT: 15.24 min Scan# 2193

Delta R.T. 0.01 min

Lab File: BF106621.D

Acq: 20 Jun 2018 16:02

Instrument :

BNA_F

ClientSampleId :

PB110380BS

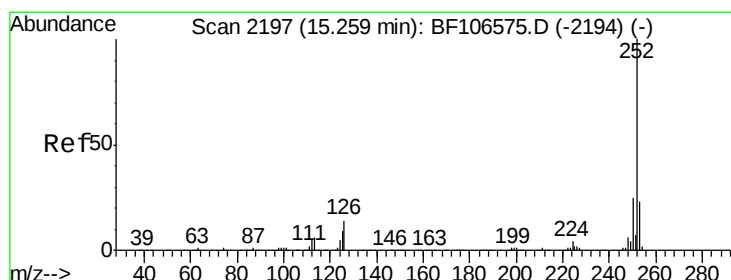
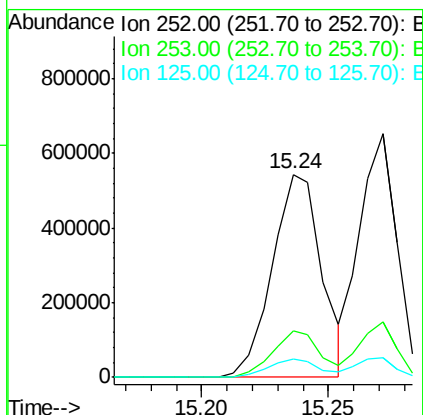
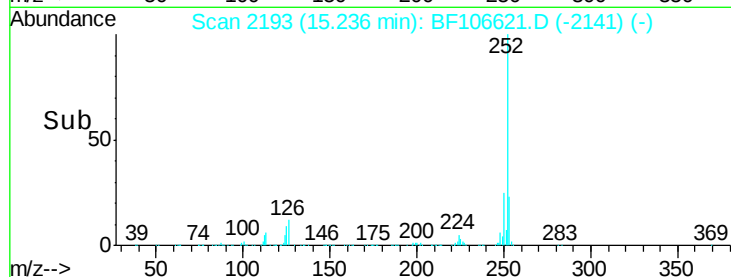
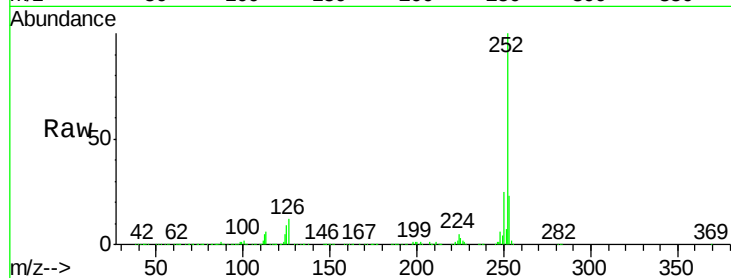
Tgt Ion:252 Resp: 740514

Ion Ratio Lower Upper

252 100

253 22.6 17.0 25.6

125 9.0 9.0 13.6#



#88

Benzo(k)fluoranthene

Concen: 40.159 ng

RT: 15.27 min Scan# 2199

Delta R.T. 0.01 min

Lab File: BF106621.D

Acq: 20 Jun 2018 16:02

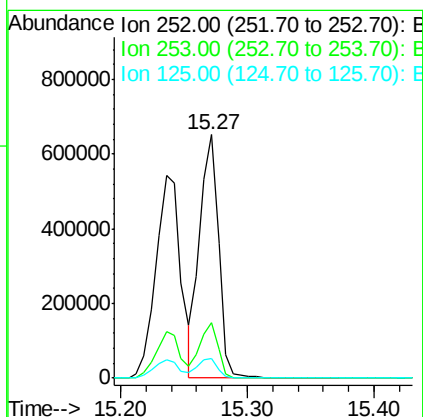
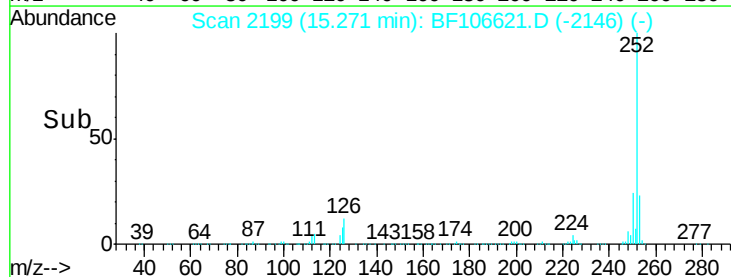
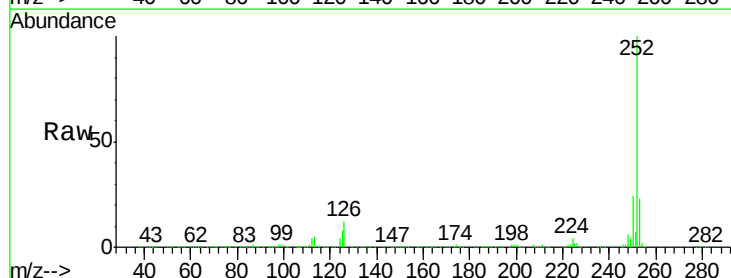
Tgt Ion:252 Resp: 674785

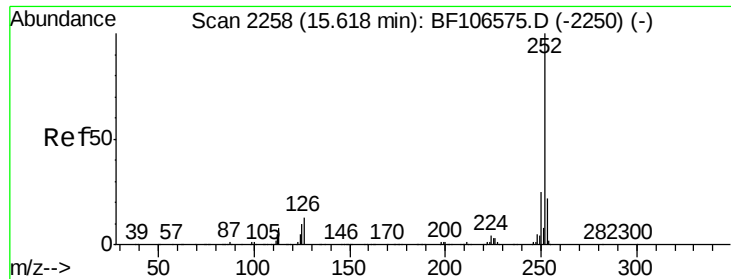
Ion Ratio Lower Upper

252 100

253 22.7 17.9 26.9

125 7.8 10.2 15.2#





#89

Benzo(a)pyrene

Concen: 43.289 ng

RT: 15.63 min Scan# 2260

Delta R.T. 0.01 min

Lab File: BF106621.D

Acq: 20 Jun 2018 16:02

Instrument :

BNA_F

ClientSampleId :

PB110380BS

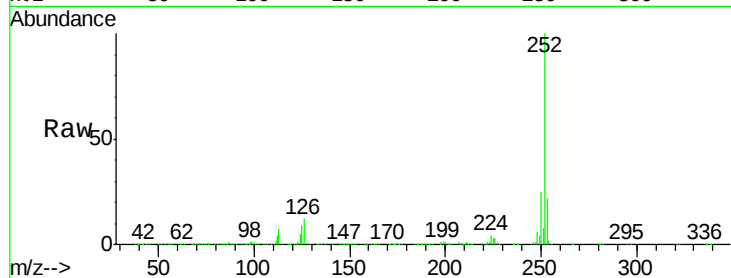
Tgt Ion:252 Resp: 679018

Ion Ratio Lower Upper

252 100

253 22.4 17.1 25.7

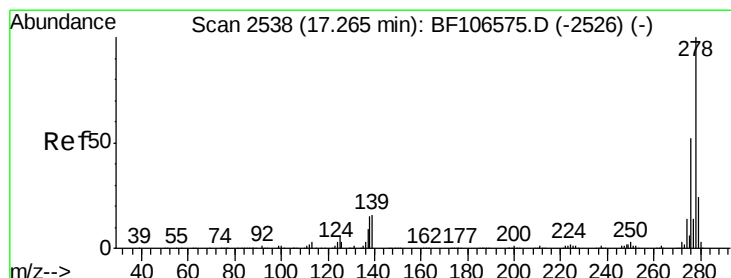
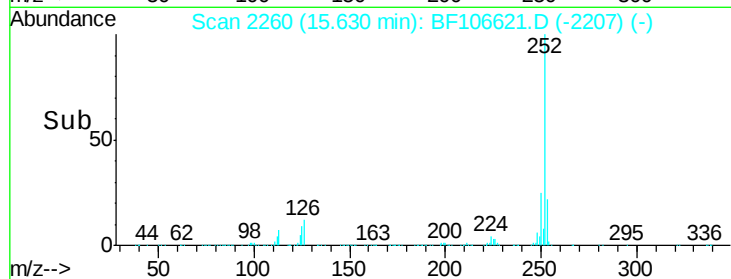
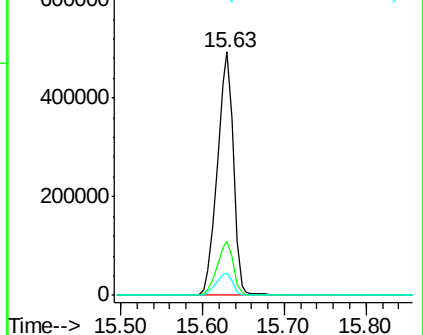
125 9.3 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 48.115 ng

RT: 17.28 min Scan# 2541

Delta R.T. 0.02 min

Lab File: BF106621.D

Acq: 20 Jun 2018 16:02

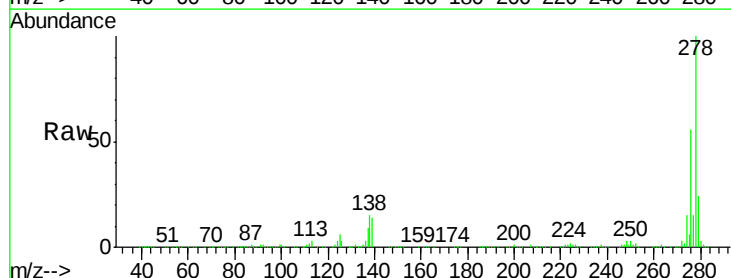
Tgt Ion:278 Resp: 639616

Ion Ratio Lower Upper

278 100

139 14.0 15.9 23.9#

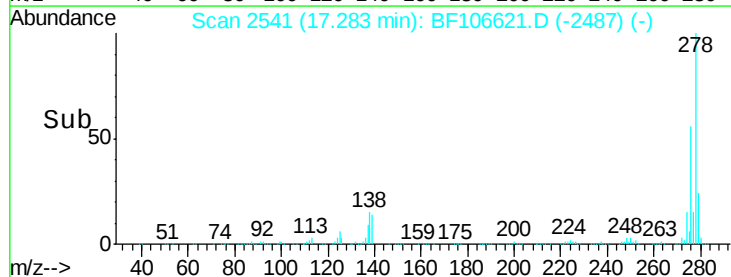
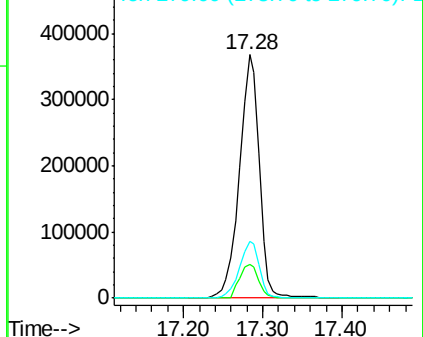
279 23.5 19.0 28.4

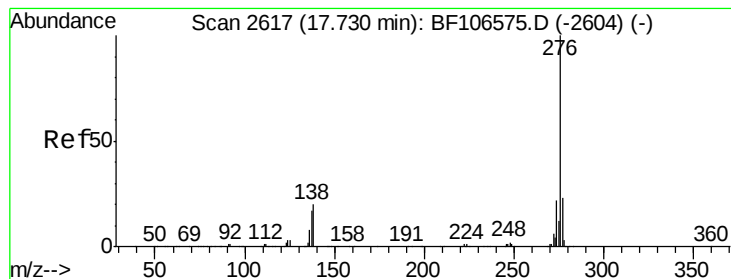


Abundance Ion 278.00 (277.70 to 278.70): E

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: 51.128 ng

RT: 17.75 min Scan# 2620

Delta R.T. 0.02 min

Lab File: BF106621.D

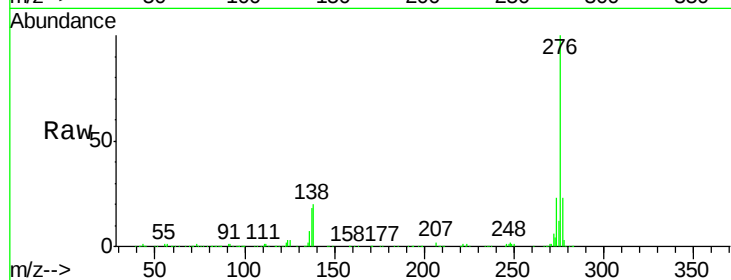
Acq: 20 Jun 2018 16:02

Instrument :

BNA_F

ClientSampleId :

PB110380BS



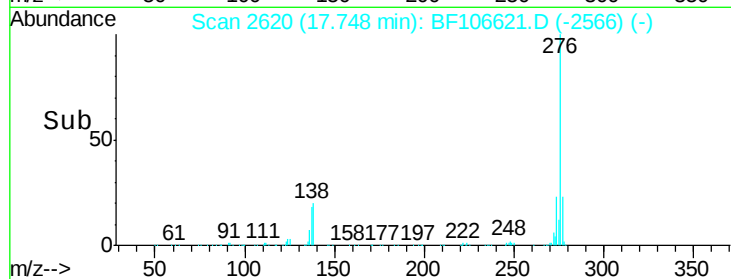
Tgt Ion: 276 Resp: 664321

Ion Ratio Lower Upper

276 100

277 23.3 17.9 26.9

138 20.0 21.8 32.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

