

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
 Data File : BF106778.D
 Acq On : 25 Jun 2018 18:23
 Operator : JU/SJ
 Sample : PB110541BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110541BS

Quant Time: Jun 25 18:51:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	59092	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	234696	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	126769	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	259953	20.00	ng	0.00
75) Chrysene-d12	14.15	240	181048	20.00	ng	-0.01
86) Perylene-d12	15.69	264	160913	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	381259	109.25	ng	0.01
7) Phenol-d6	6.61	99	489705	112.37	ng	0.00
23) Nitrobenzene-d5	7.53	82	324926	76.94	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	186941	127.23	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	623829	82.94	ng	0.00
78) Terphenyl-d14	13.08	244	754327	100.92	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.90	88	50429	28.108	ng	98
3) Pyridine	3.66	79	154038	31.658	ng	96
4) n-Nitrosodimethylamine	3.63	42	63460	30.708	ng	83
6) Aniline	6.63	93	149415	25.275	ng	95
8) 2-Chlorophenol	6.75	128	145224	37.942	ng	99
9) Benzaldehyde	6.51	77	69320	20.465	ng	99
10) Phenol	6.62	94	173477	34.880	ng	78
11) bis(2-Chloroethyl)ether	6.70	93	144091	35.094	ng	99
12) 1,3-Dichlorobenzene	6.90	146	167704	37.409	ng	98
13) 1,4-Dichlorobenzene	6.98	146	168669	37.215	ng	98
14) 1,2-Dichlorobenzene	7.13	146	156641	37.712	ng	98
15) Benzyl Alcohol	7.10	79	128284	36.660	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	204759	38.009	ng	81
17) 2-Methylphenol	7.22	107	125608	38.347	ng	# 92
18) Hexachloroethane	7.47	117	58420	36.654	ng	90
19) n-Nitroso-di-n-propylamine	7.37	70	99190	34.529	ng	93
20) 3+4-Methylphenols	7.37	107	150424	41.667	ng	# 72
22) Acetophenone	7.37	105	194812	37.102	ng	# 95
24) Nitrobenzene	7.55	77	156923	36.395	ng	96
25) Isophorone	7.78	82	296986	39.908	ng	98
26) 2-Nitrophenol	7.86	139	84166	41.351	ng	97
27) 2,4-Dimethylphenol	7.90	122	144033	45.782	ng	98
28) bis(2-Chloroethoxy)methane	7.98	93	189549	37.935	ng	98
29) 2,4-Dichlorophenol	8.11	162	139690	42.411	ng	95
30) 1,2,4-Trichlorobenzene	8.18	180	149933	41.322	ng	98
31) Naphthalene	8.27	128	434245	39.575	ng	99
32) Benzoic acid	8.03	122	68463	32.076	ng	99
33) 4-Chloroaniline	8.31	127	68484	14.875	ng	98
34) Hexachlorobutadiene	8.37	225	99750	42.191	ng	100
35) Caprolactam	8.70	113	29375	27.360	ng	99
36) 4-Chloro-3-methylphenol	8.81	107	147473	42.538	ng	100
37) 2-Methylnaphthalene	8.96	142	325938	44.815	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	165534	38.774	ng	# 96
40) Hexachlorocyclopentadiene	9.10	237	147505	67.155	ng	99

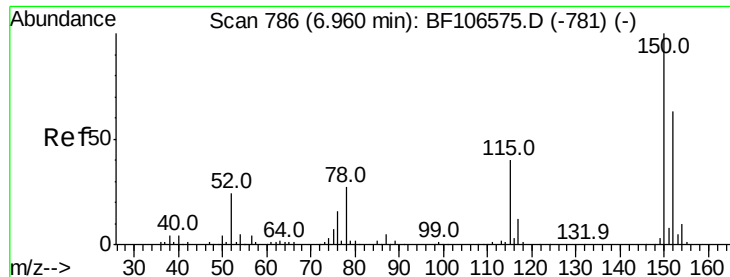
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
 Data File : BF106778.D
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 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	104672	36.885	ng	95
43) 2,4,5-Trichlorophenol	9.24	196	104672	35.348	ng	91
45) 1,1'-Biphenyl	9.42	154	393795	38.979	ng	98
46) 2-Chloronaphthalene	9.45	162	289283	36.377	ng	96
47) 2-Nitroaniline	9.55	65	91841	34.344	ng	95
48) Acenaphthylene	9.87	152	463692	36.932	ng	99
49) Dimethylphthalate	9.72	163	355963	37.439	ng	98
50) 2,6-Dinitrotoluene	9.79	165	82951	41.201	ng	87
51) Acenaphthene	10.04	154	279493	35.351	ng	97
52) 3-Nitroaniline	9.96	138	47058	20.312	ng	98
53) 2,4-Dinitrophenol	10.07	184	66714	64.821	ng	# 18
54) Dibenzofuran	10.21	168	431679	39.874	ng	97
55) 4-Nitrophenol	10.14	139	91333	56.478	ng	96
56) 2,4-Dinitrotoluene	10.20	165	110910	42.204	ng	91
57) Fluorene	10.55	166	337364	39.270	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	100522	42.705	ng	# 78
59) Diethylphthalate	10.42	149	334095	36.407	ng	# 94
60) 4-Chlorophenyl-phenylether	10.54	204	176034	39.163	ng	# 84
61) 4-Nitroaniline	10.58	138	82793	36.008	ng	94
62) Azobenzene	10.70	77	323303	35.777	ng	94
64) 4,6-Dinitro-2-methylphenol	10.61	198	57581	35.834	ng	76
65) n-Nitrosodiphenylamine	10.67	169	300726	34.394	ng	98
66) 4-Bromophenyl-phenylether	11.03	248	125784	40.544	ng	# 82
67) Hexachlorobenzene	11.10	284	132463	40.794	ng	# 86
68) Atrazine	11.19	200	110823	39.870	ng	94
69) Pentachlorophenol	11.30	266	96826	59.763	ng	98
70) Phenanthrene	11.52	178	498085	39.726	ng	99
71) Anthracene	11.57	178	520714	40.688	ng	99
72) Carbazole	11.73	167	447256	37.328	ng	98
73) Di-n-butylphthalate	12.04	149	525532	37.231	ng	99
74) Fluoranthene	12.71	202	541913	39.214	ng	96
76) Benzidine	12.83	184	185108	35.900	ng	97
77) Pyrene	12.95	202	539651	45.201	ng	99
79) Butylbenzylphthalate	13.55	149	203399	41.437	ng	# 93
80) Benzo(a)anthracene	14.14	228	438183	39.711	ng	99
81) 3,3'-Dichlorobenzidine	14.10	252	77374	19.951	ng	# 96
82) Chrysene	14.18	228	409028	40.292	ng	99
83) Bis(2-ethylhexyl)phthalate	14.11	149	266430	42.455	ng	# 96
84) Di-n-octyl phthalate	14.74	149	401621	39.261	ng	95
85) Indeno(1,2,3-cd)pyrene	17.28	276	439418	51.007	ng	# 89
87) Benzo(b)fluoranthene	15.24	252	366255	36.641	ng	# 96
88) Benzo(k)fluoranthene	15.27	252	364274	38.268	ng	# 96
89) Benzo(a)pyrene	15.64	252	358453	40.339	ng	# 96
90) Dibenzo(a,h)anthracene	17.29	278	362606	48.149	ng	# 93
91) Benzo(g,h,i)perylene	17.76	276	377364	51.267	ng	# 90

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

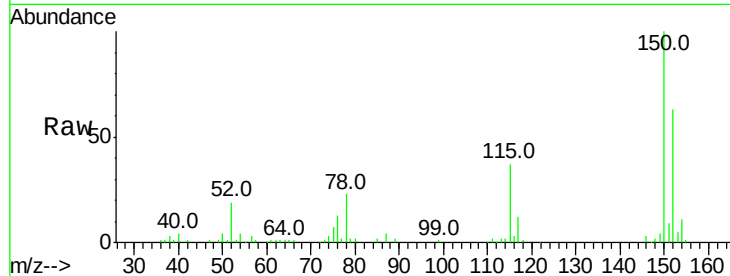


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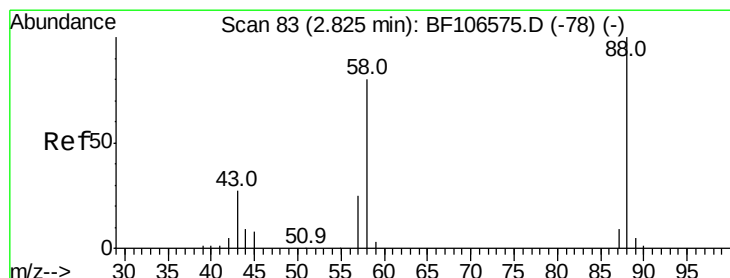
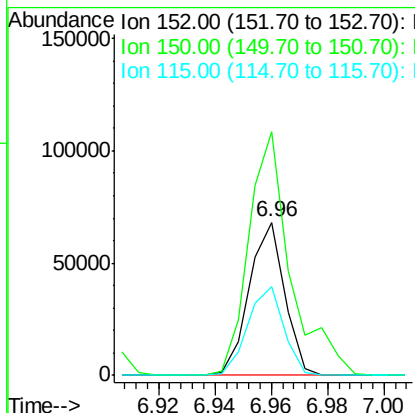
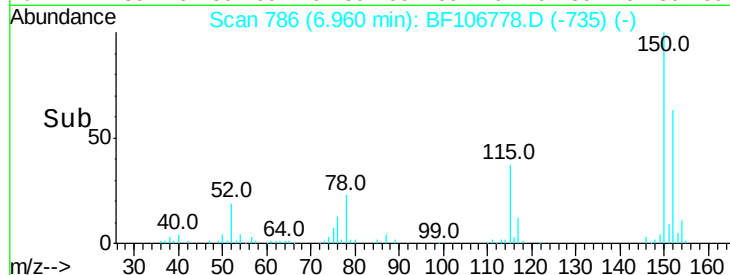
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106778.D
Acq: 25 Jun 2018 18:23

Instrument :
BNA_F
ClientSampleId :
PB110541BS

Tot Ion:152 Resp: 59092
Ion Ratio Lower Upper
152 100
150 159.2 124.6 186.8
115 58.1 50.1 75.1



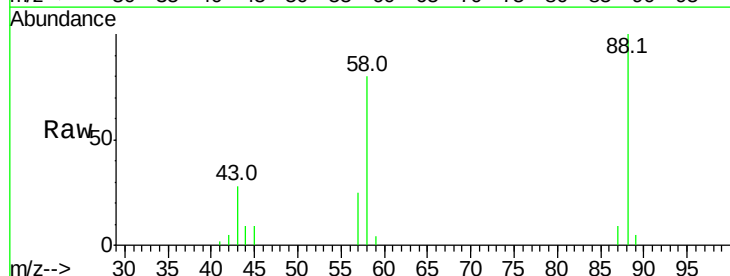
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



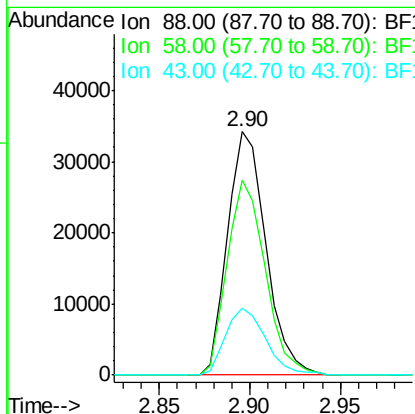
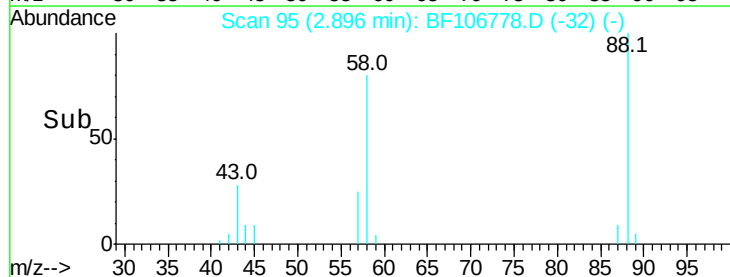
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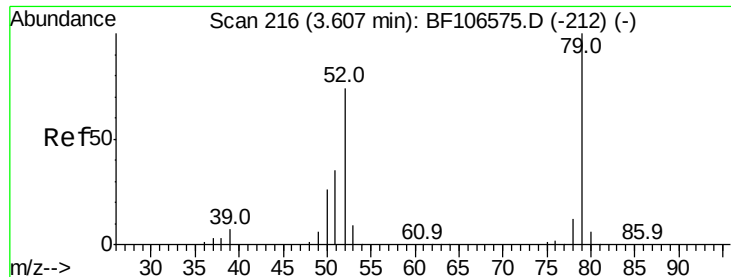
1,4-Dioxane
Concen: 28.108 ng
RT: 2.90 min Scan# 95
Delta R.T. 0.07 min
Lab File: BF106778.D
Acq: 25 Jun 2018 18:23

Tgt Ion: 88 Resp: 50429
Ion Ratio Lower Upper
88 100
58 79.2 62.6 93.8
43 29.0 24.6 37.0



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





#3

Pvridine

Concen: 31.658 ng

RT: 3.66 min Scan# 225

Delta R.T. 0.05 min

Lab File: BF106778.D

Acq: 25 Jun 2018 18:23

Instrument :

BNA_F

ClientSampleId :

PB110541BS

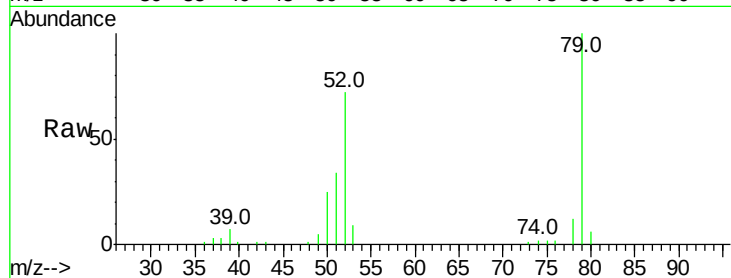
Tot Ion: 79 Resp: 154038

Ion Ratio Lower Upper

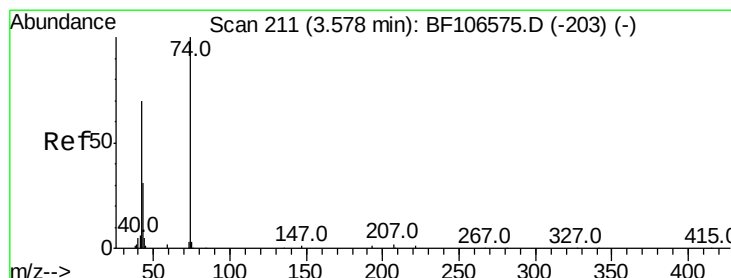
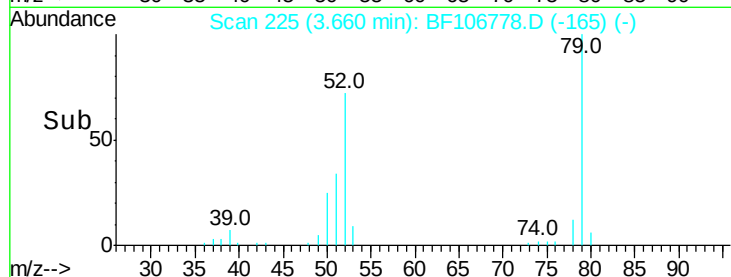
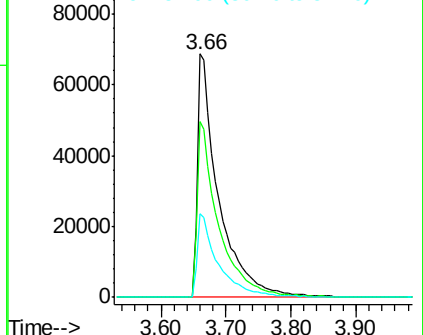
79 100

52 72.4 59.8 89.6

51 34.1 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: 30.708 ng

RT: 3.63 min Scan# 220

Delta R.T. 0.04 min

Lab File: BF106778.D

Acq: 25 Jun 2018 18:23

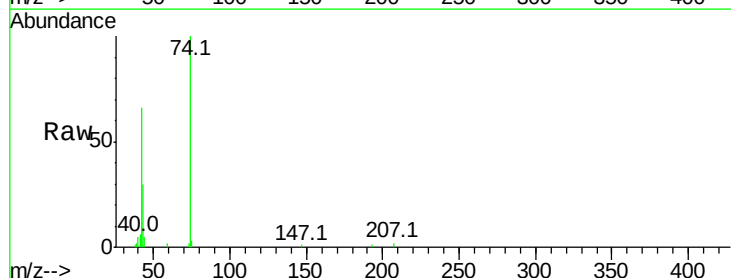
Tgt Ion: 42 Resp: 63460

Ion Ratio Lower Upper

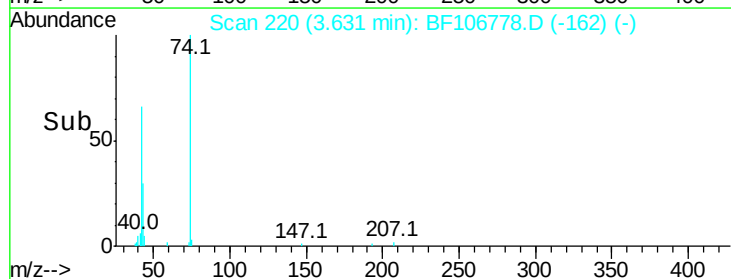
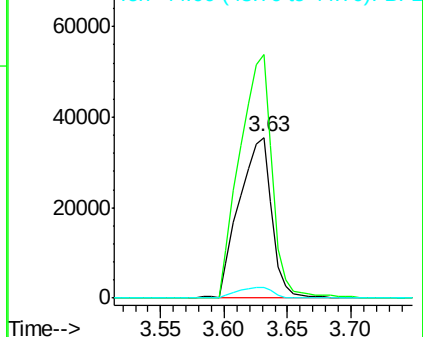
42 100

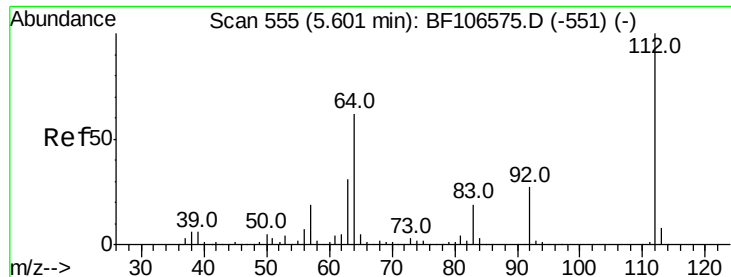
74 151.4 104.9 157.3

44 6.9 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: 109.252 ng

RT: 5.61 min Scan# 557

Delta R.T. 0.01 min

Lab File: BF106778.D

Acq: 25 Jun 2018 18:23

Instrument :

BNA_F

ClientSampleId :

PB110541BS

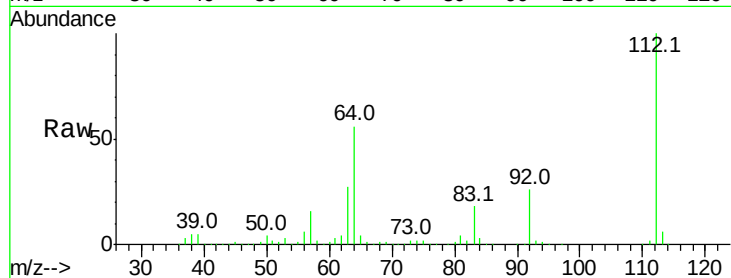
Tot Ion:112 Resp: 381259

Ion Ratio Lower Upper

112 100

64 55.7 47.9 71.9

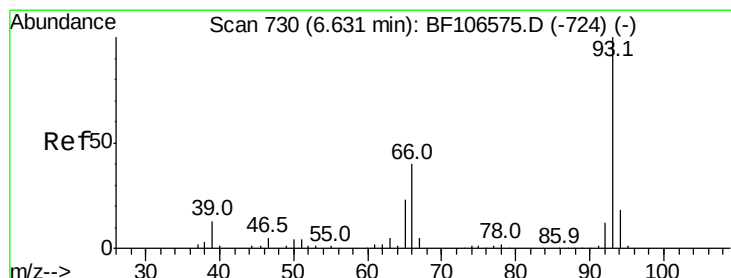
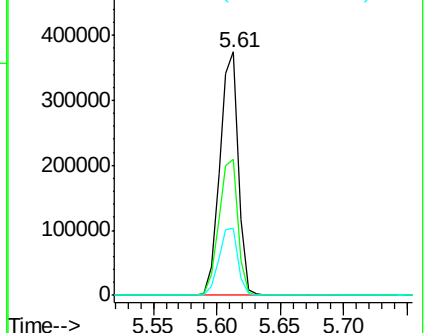
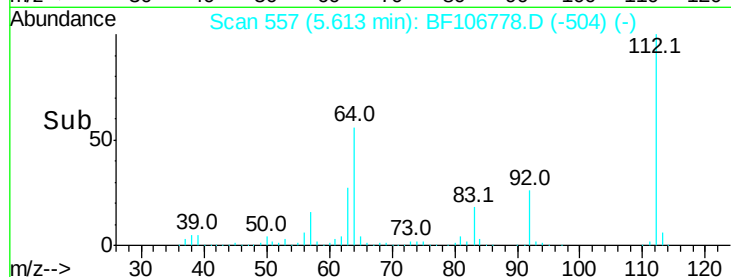
63 27.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 25.275 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF106778.D

Acq: 25 Jun 2018 18:23

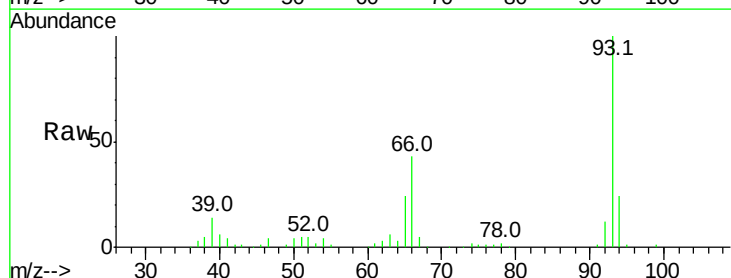
Tgt Ion: 93 Resp: 149415

Ion Ratio Lower Upper

93 100

66 42.9 32.2 48.2

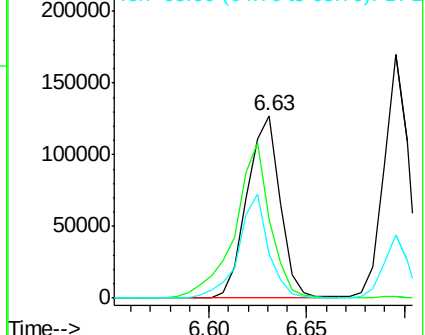
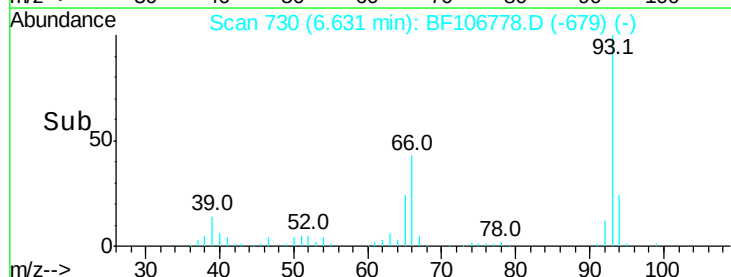
65 24.1 16.4 24.6

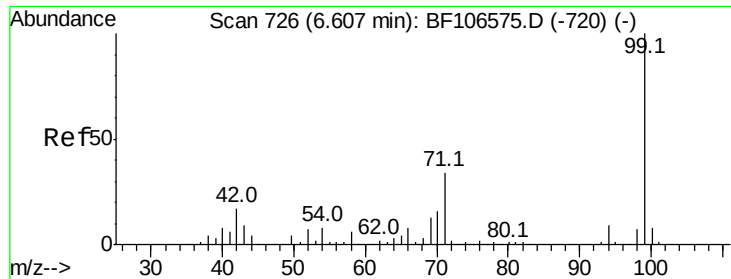


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 112.370 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106778.D

Acq: 25 Jun 2018 18:23

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ClientSampleId :

PB110541BS

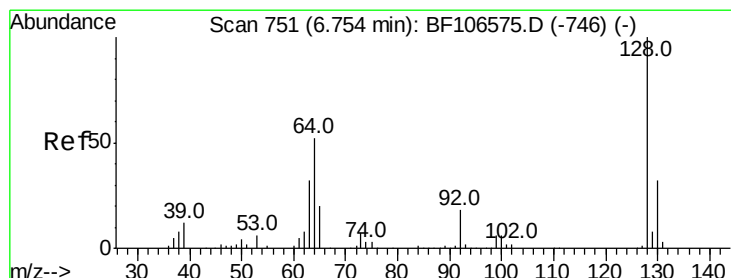
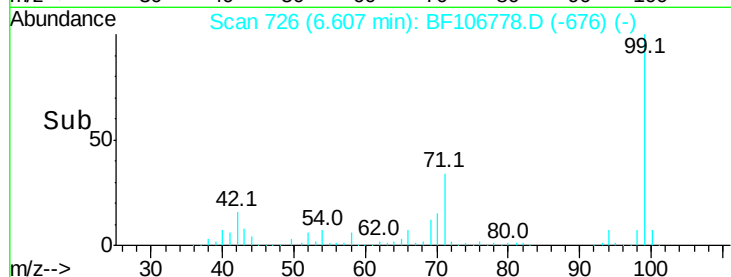
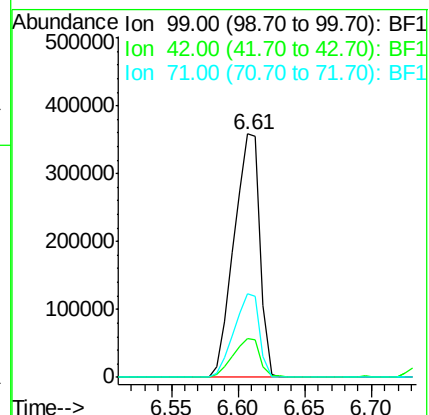
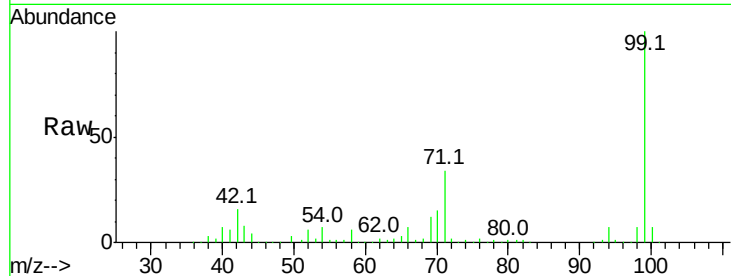
Tot Ion: 99 Resp: 489705

Ion Ratio Lower Upper

99 100

42 16.0 14.5 21.7

71 34.1 25.4 38.0



#8

2-Chlorophenol

Concen: 37.942 ng

RT: 6.75 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF106778.D

Acq: 25 Jun 2018 18:23

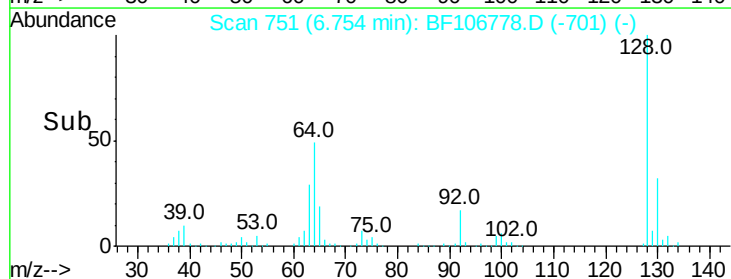
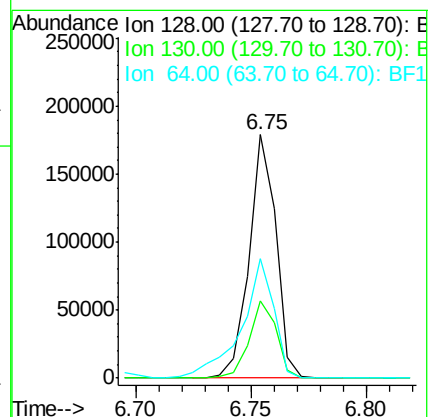
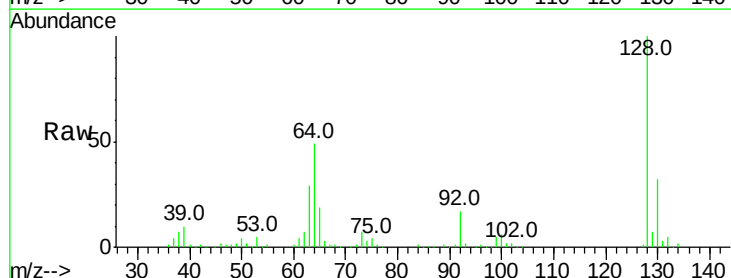
Tgt Ion: 128 Resp: 145224

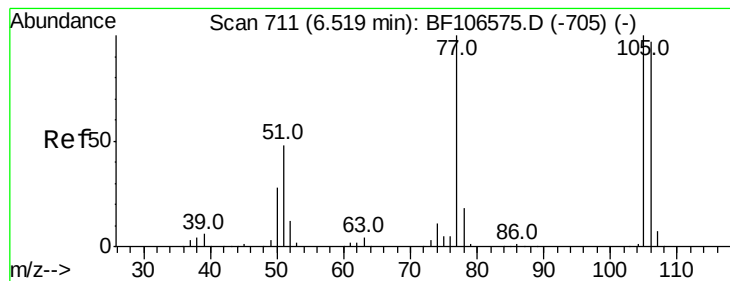
Ion Ratio Lower Upper

128 100

130 31.9 13.0 53.0

64 48.8 29.4 69.4





#9

Benzaldehyde

Concen: 20.465 ng

RT: 6.51 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF106778.D

Acq: 25 Jun 2018 18:23

Instrument :

BNA_F

ClientSampleID :

PB110541BS

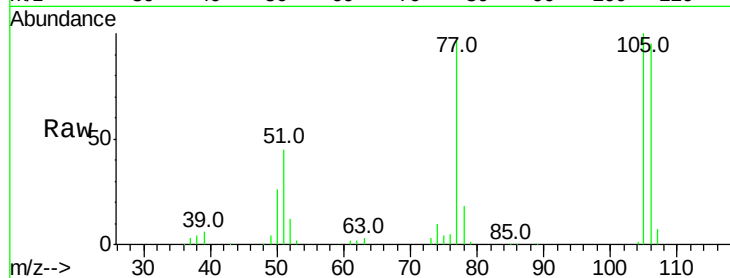
Tot Ion: 77 Resp: 69320

Ion Ratio Lower Upper

77 100

105 101.6 81.1 121.1

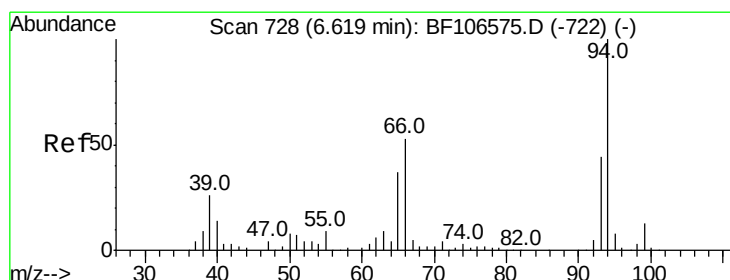
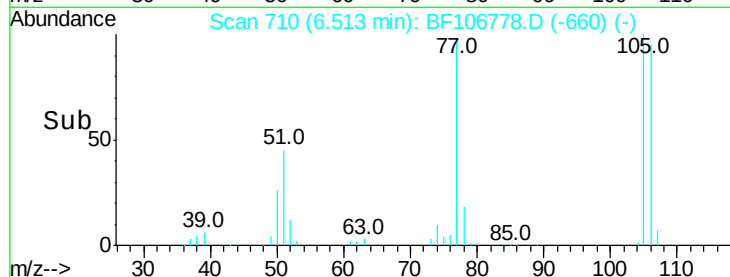
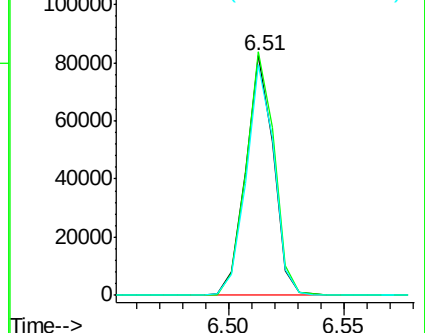
106 96.1 74.5 114.5



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: 34.880 ng

RT: 6.62 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF106778.D

Acq: 25 Jun 2018 18:23

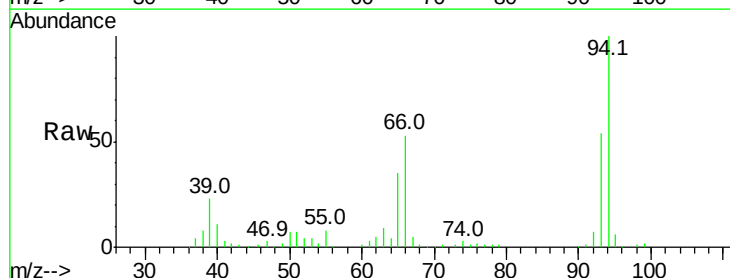
Tgt Ion: 94 Resp: 173477

Ion Ratio Lower Upper

94 100

65 35.5 7.9 47.9

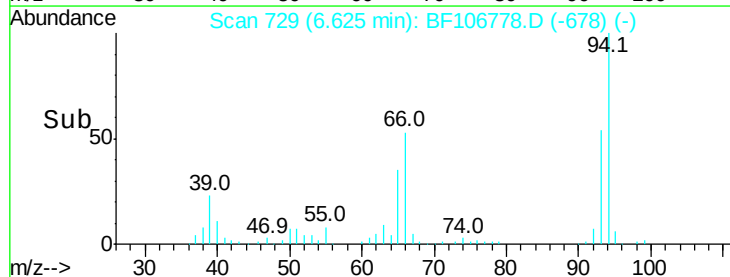
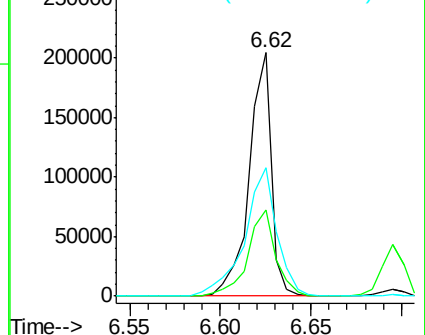
66 52.8 16.2 56.2

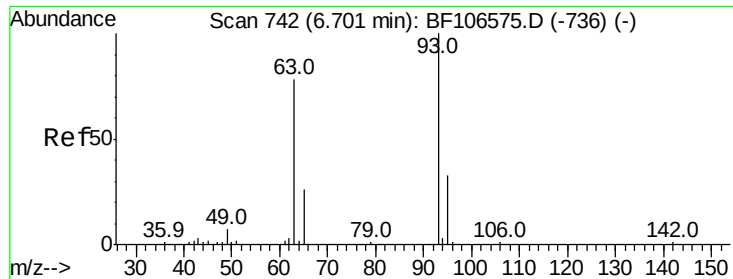


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 35.094 ng

RT: 6.70 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF106778.D

Acq: 25 Jun 2018 18:23

Instrument :

BNA_F

ClientSampleId :

PB110541BS

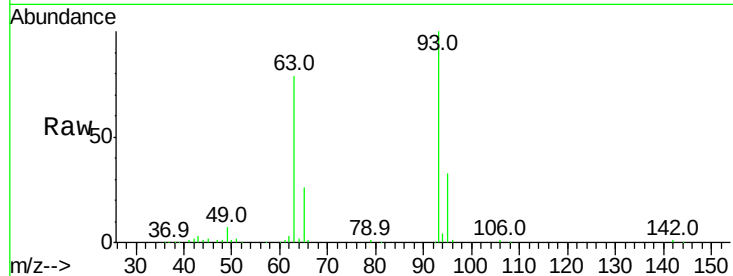
Tot Ion: 93 Resp: 144091

Ion Ratio Lower Upper

93 100

63 79.1 58.6 98.6

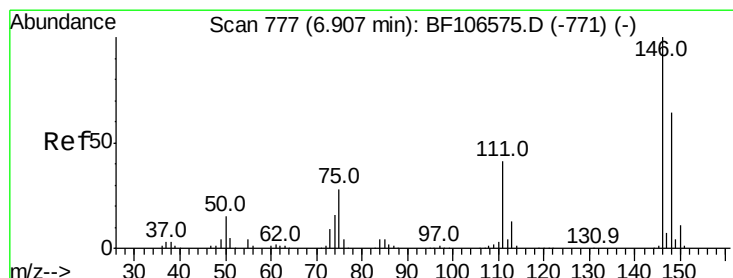
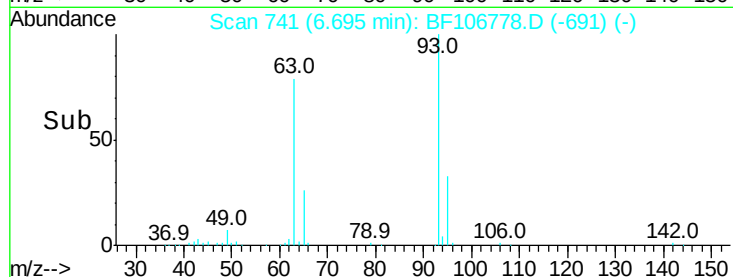
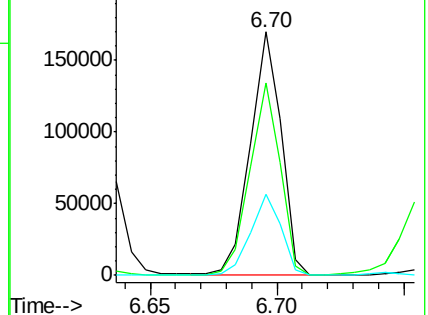
95 33.4 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 37.409 ng

RT: 6.90 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF106778.D

Acq: 25 Jun 2018 18:23

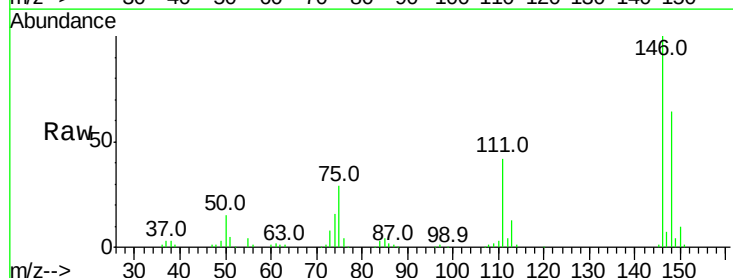
Tgt Ion: 146 Resp: 167704

Ion Ratio Lower Upper

146 100

148 63.8 51.8 77.8

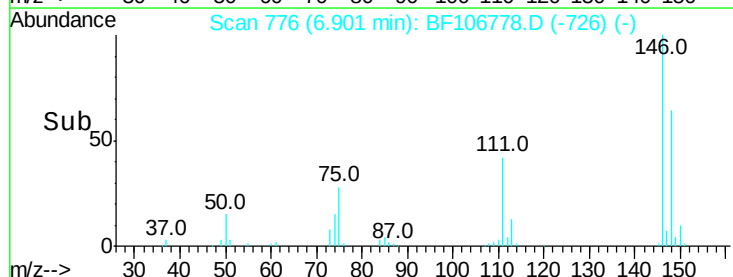
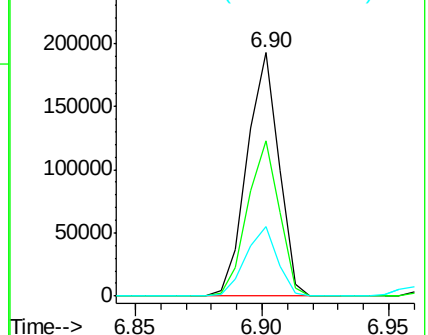
75 28.7 24.2 36.4

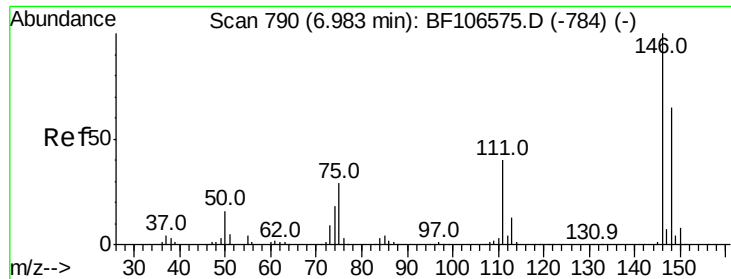


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

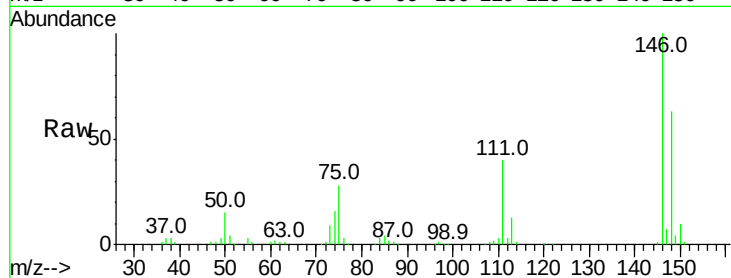




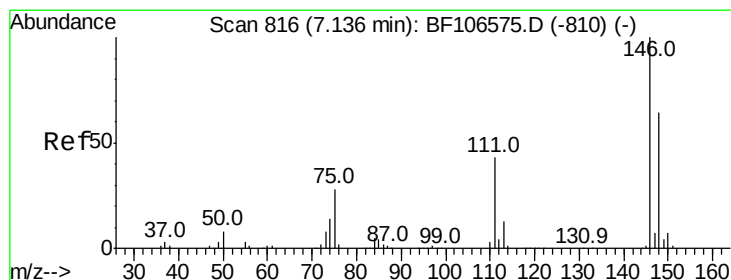
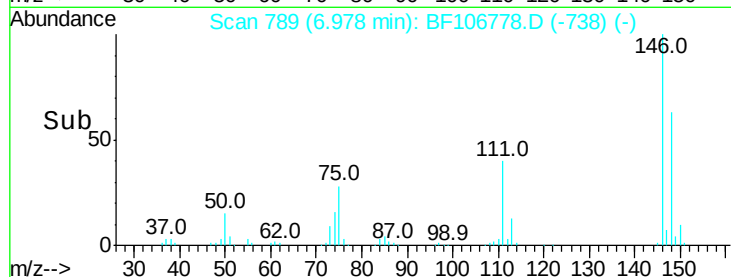
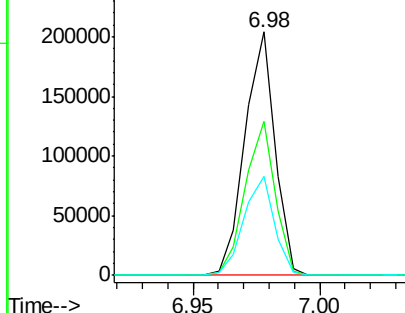
#13
 1,4-Dichlorobenzene
 Concen: 37.215 ng
 RT: 6.98 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF106778.D
 Acq: 25 Jun 2018 18:23

Instrument :
 BNA_F
 ClientSampleId :
 PB110541BS

Tot Ion:146 Resp: 168669
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.8 76.2
 111 40.4 34.2 51.2

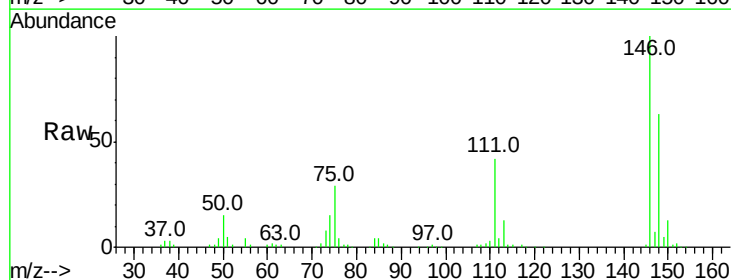


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

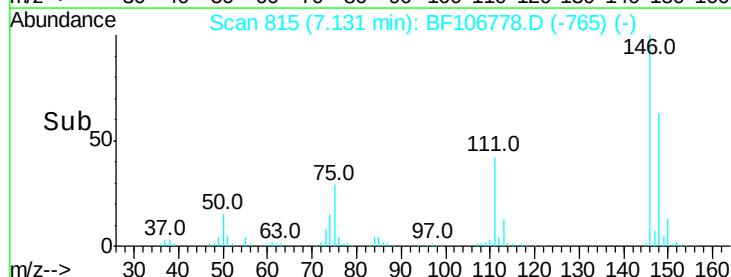
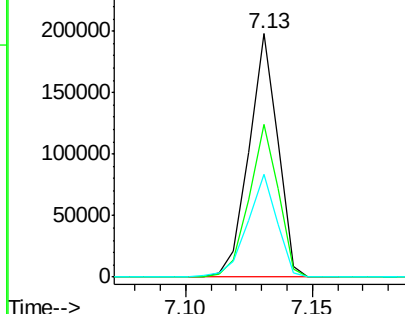


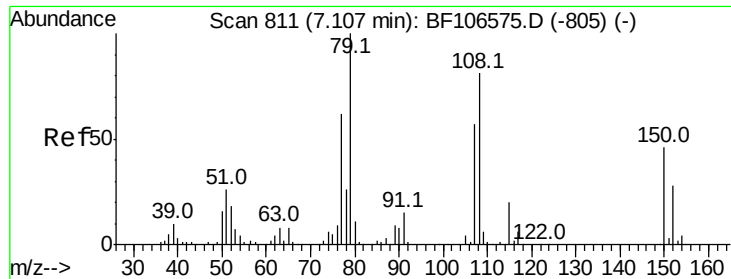
#14
 1,2-Dichlorobenzene
 Concen: 37.712 ng
 RT: 7.13 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF106778.D
 Acq: 25 Jun 2018 18:23

Tgt Ion:146 Resp: 156641
 Ion Ratio Lower Upper
 146 100
 148 62.8 50.6 75.8
 111 42.3 36.0 54.0



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

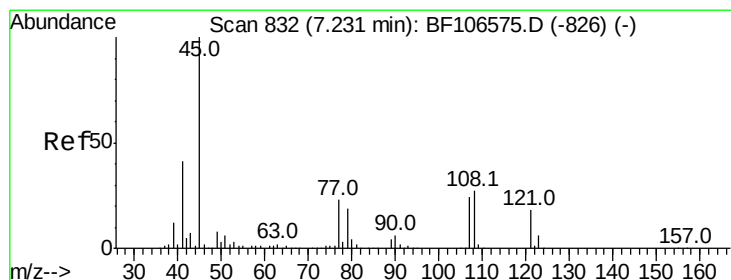
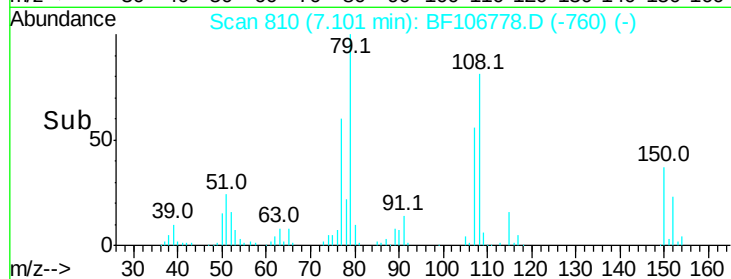
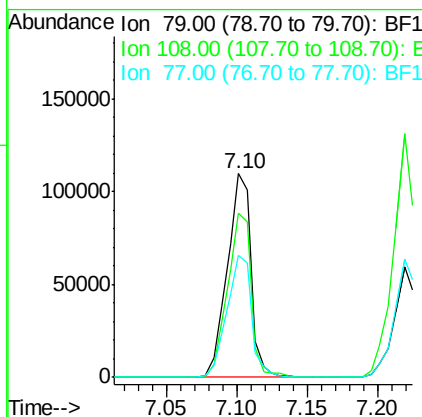
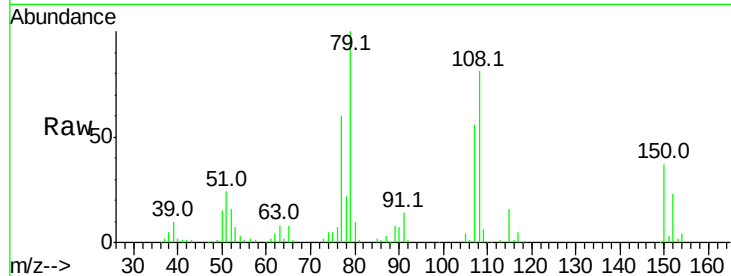




#15
Benzyl Alcohol
Concen: 36.660 ng
RT: 7.10 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF106778.D
Acq: 25 Jun 2018 18:23

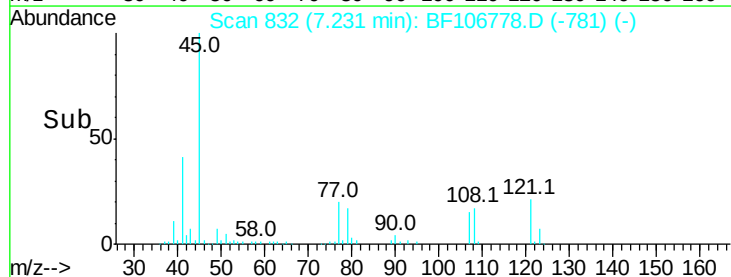
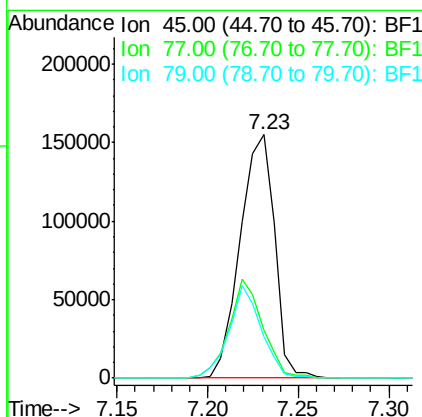
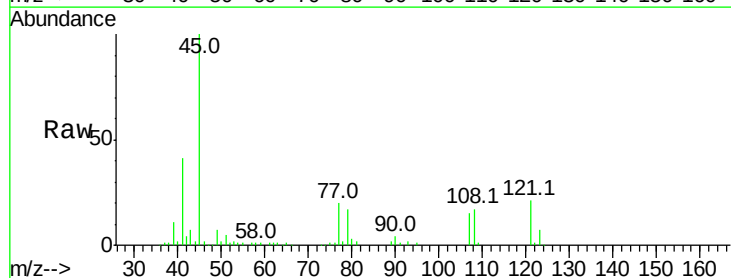
Instrument :
BNA_F
ClientSampleId :
PB110541BS

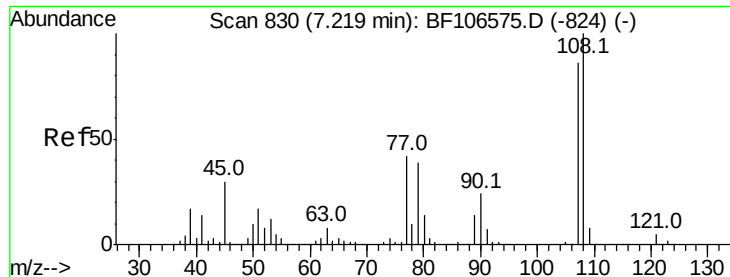
Tot Ion: 79 Resp: 128284
Ion Ratio Lower Upper
79 100
108 80.8 65.1 97.7
77 60.0 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.009 ng
RT: 7.23 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF106778.D
Acq: 25 Jun 2018 18:23

Tgt Ion: 45 Resp: 204759
Ion Ratio Lower Upper
45 100
77 19.8 0.0 32.9
79 17.1 0.0 29.6

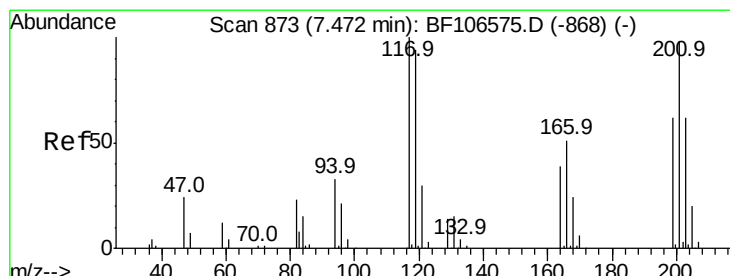
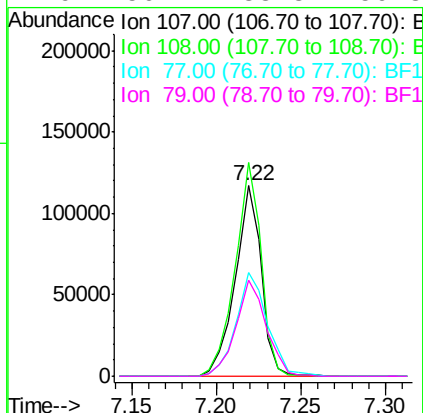
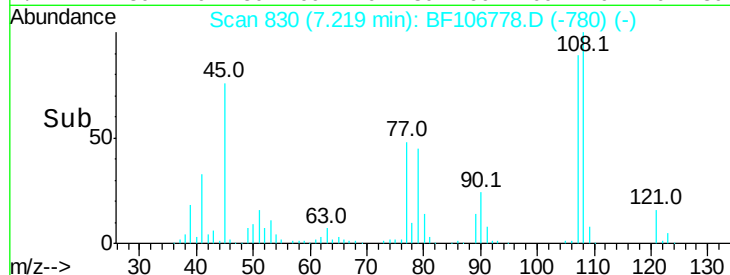
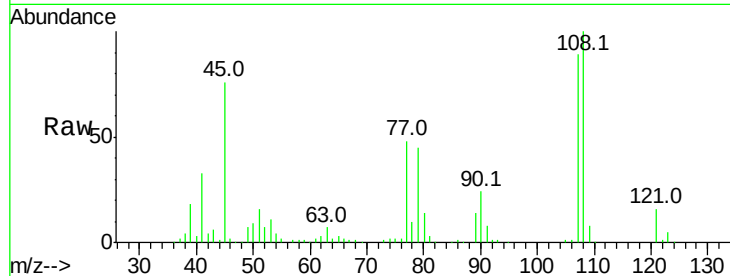




#17
2-Methylphenol
Concen: 38.347 ng
RT: 7.22 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF106778.D
Acq: 25 Jun 2018 18:23

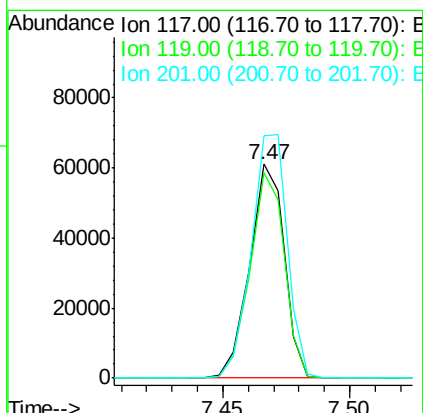
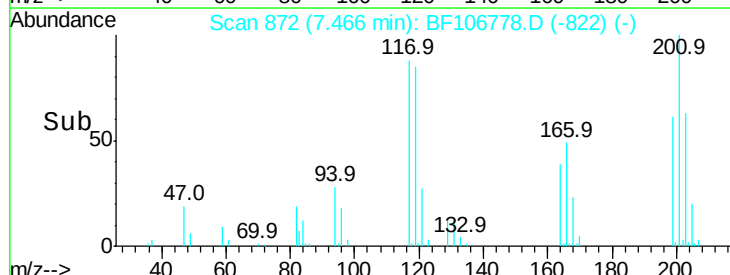
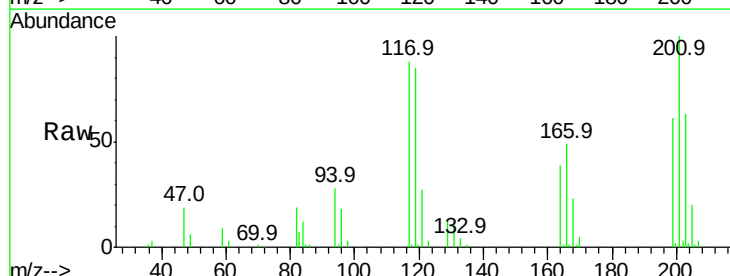
Instrument :
BNA_F
ClientSampleId :
PB110541BS

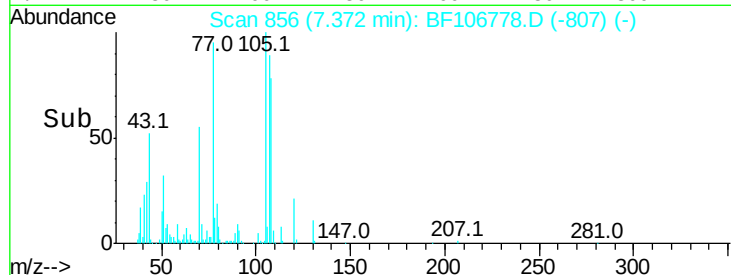
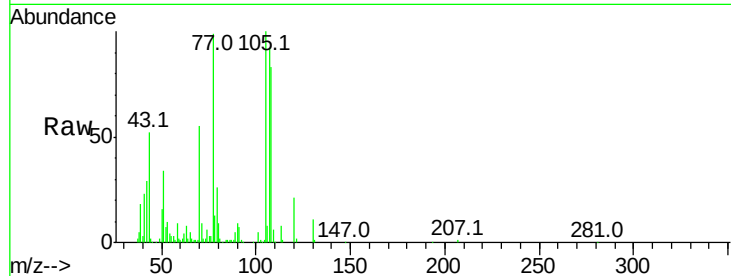
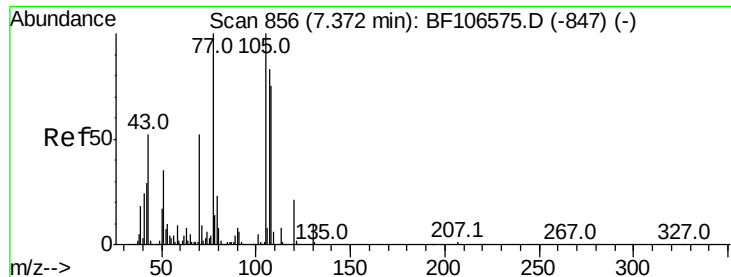
Tot Ion:107 Resp: 125608
Ion Ratio Lower Upper
107 100
108 112.0 91.7 137.5
77 54.1 33.8 50.8#
79 50.7 33.8 50.8



#18
Hexachloroethane
Concen: 36.654 ng
RT: 7.47 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF106778.D
Acq: 25 Jun 2018 18:23

Tgt Ion:117 Resp: 58420
Ion Ratio Lower Upper
117 100
119 96.1 75.8 113.8
201 113.5 75.7 113.5

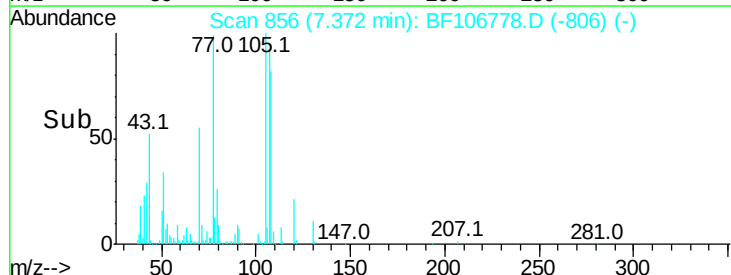
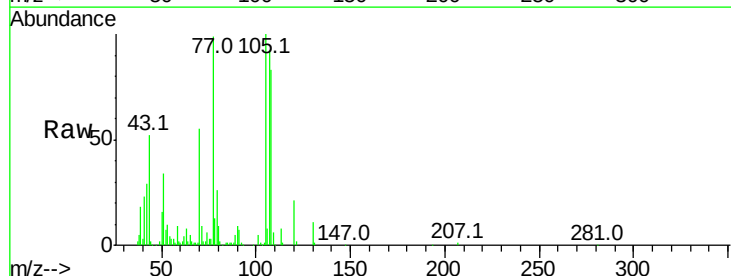
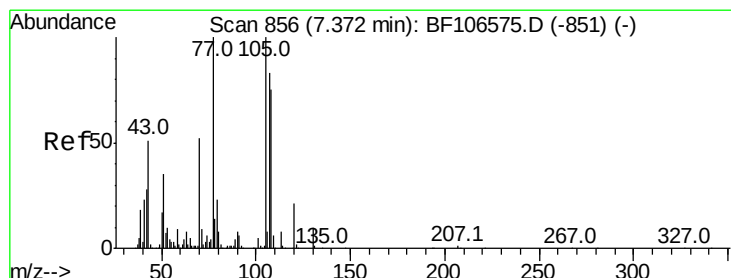
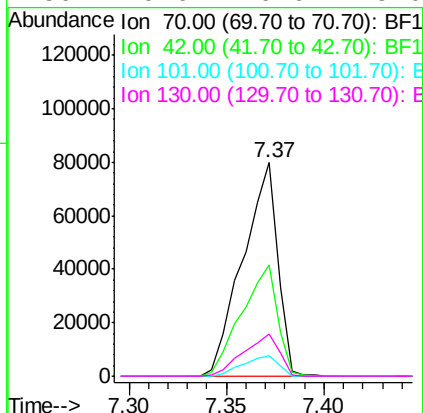




#19
n-Nitroso-di-n-propylamine
Concen: 34.529 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF106778.D
Acq: 25 Jun 2018 18:23

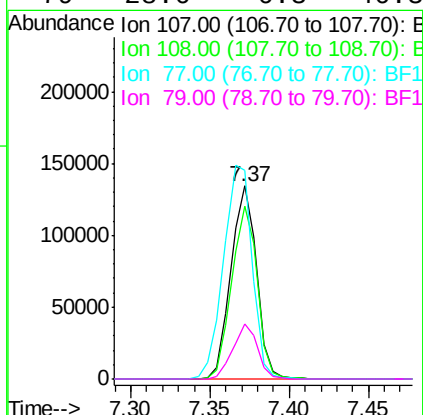
Instrument :
BNA_F
ClientSampleId :
PB110541BS

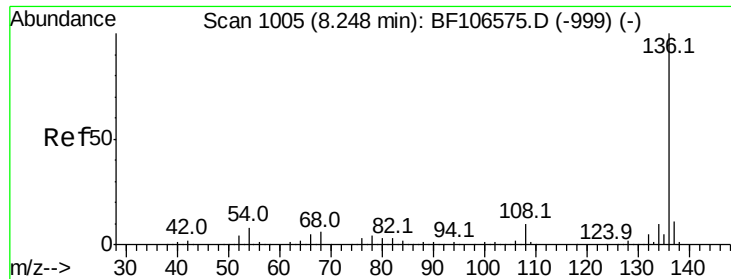
Tot Ion:	70	Resp:	99190
Ion	Ratio	Lower	Upper
70	100		
42	52.2	47.5	71.3
101	9.7	7.4	11.2
130	19.6	16.6	25.0



#20
3+4-Methylphenols
Concen: 41.667 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF106778.D
Acq: 25 Jun 2018 18:23

Tgt Ion:	107	Resp:	150424
Ion	Ratio	Lower	Upper
107	100		
108	89.8	68.2	108.2
77	107.9	26.7	66.7#
79	28.6	6.3	46.3

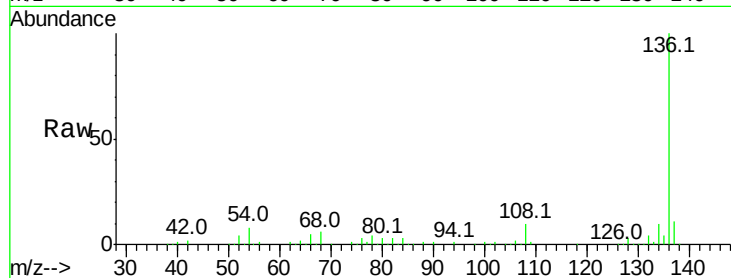




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106778.D
Acq: 25 Jun 2018 18:23

Instrument :
BNA_F
ClientSampleId :
PB110541BS

Tot Ion:	136	Resp:	234696
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.9	6.6	9.8
68	6.0	5.0	7.4

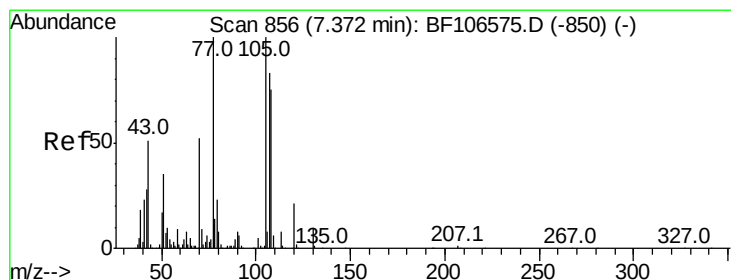
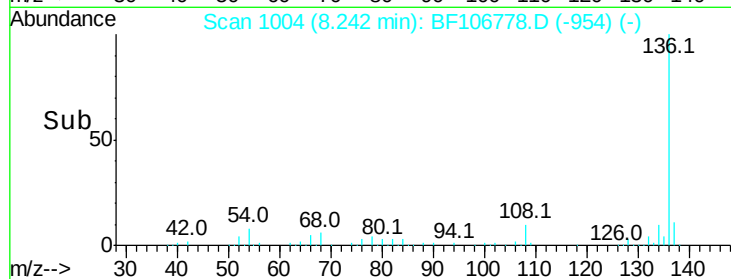
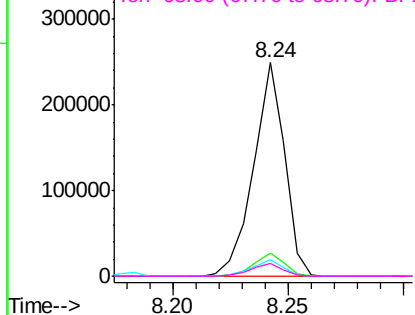


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

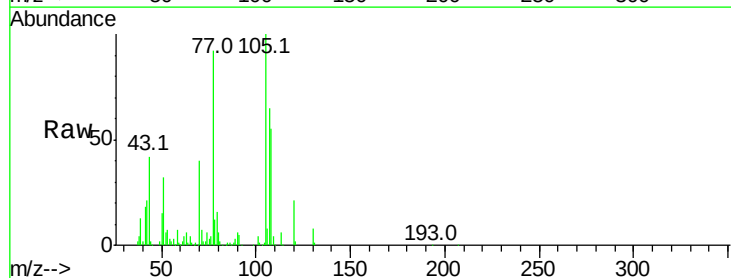
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 37.102 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF106778.D
Acq: 25 Jun 2018 18:23

Tgt Ion:	105	Resp:	194812
Ion	Ratio	Lower	Upper
105	100		
71	6.7	4.4	6.6#
51	32.2	22.3	33.5
120	20.7	16.9	25.3

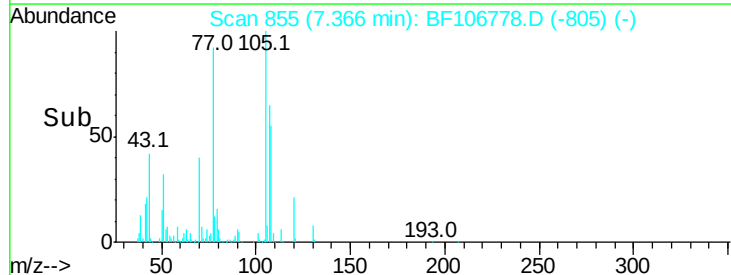
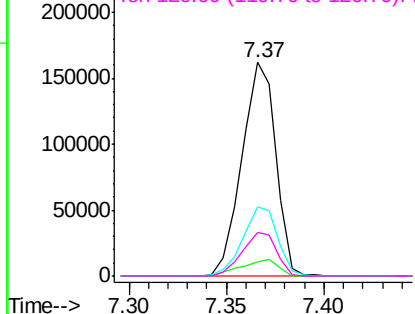


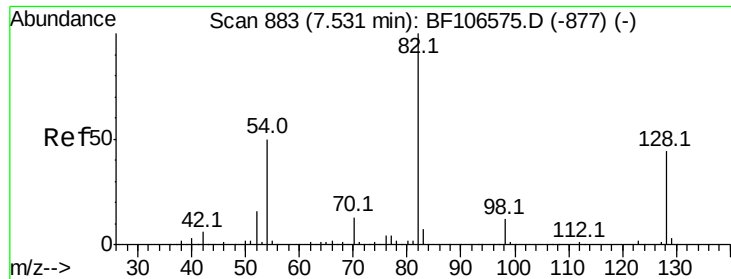
Abundance Ion 105.00 (104.70 to 105.70): E

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

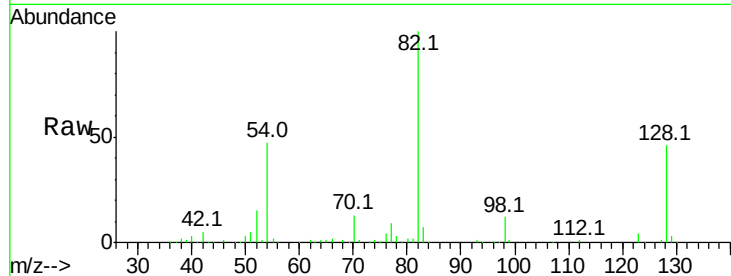




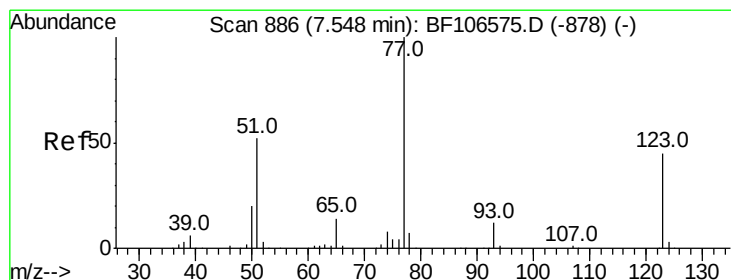
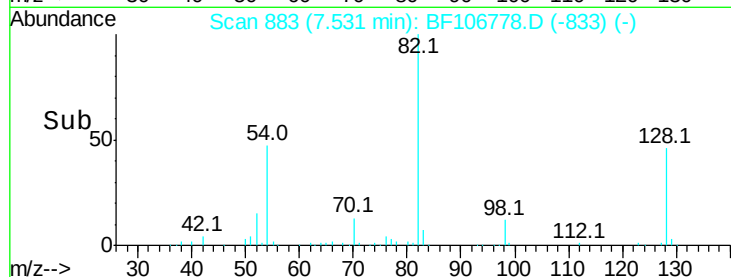
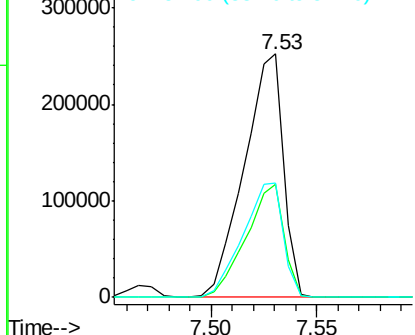
#23
Nitrobenzene-d5
Concen: 76.939 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF106778.D
Acq: 25 Jun 2018 18:23

Instrument :
BNA_F
ClientSampleId :
PB110541BS

Tot Ion: 82 Resp: 324926
Ion Ratio Lower Upper
82 100
128 46.4 36.1 54.1
54 47.1 41.4 62.2

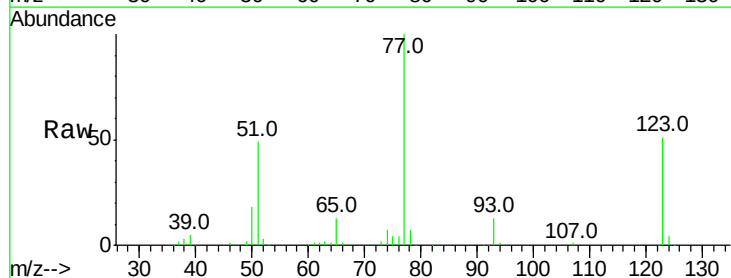


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

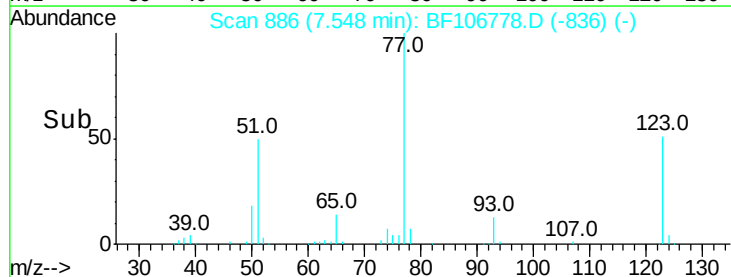
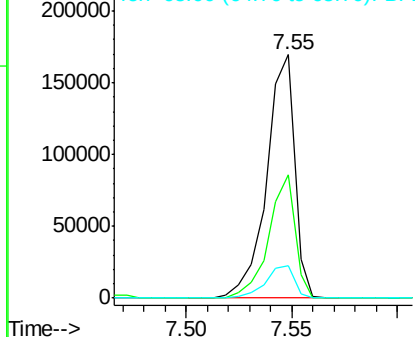


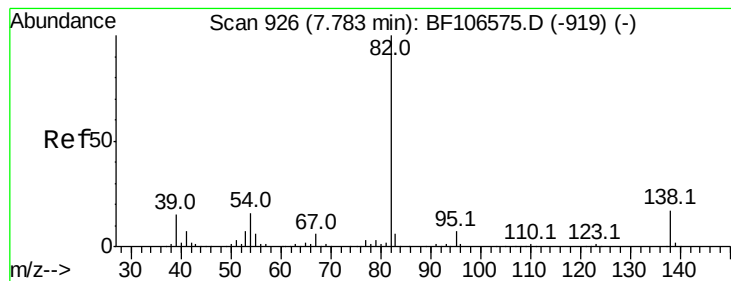
#24
Nitrobenzene
Concen: 36.395 ng
RT: 7.55 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF106778.D
Acq: 25 Jun 2018 18:23

Tgt Ion: 77 Resp: 156923
Ion Ratio Lower Upper
77 100
123 50.6 37.9 56.9
65 13.4 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 39.908 ng

RT: 7.78 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF106778.D

Acq: 25 Jun 2018 18:23

Instrument :

BNA_F

ClientSampleId :

PB110541BS

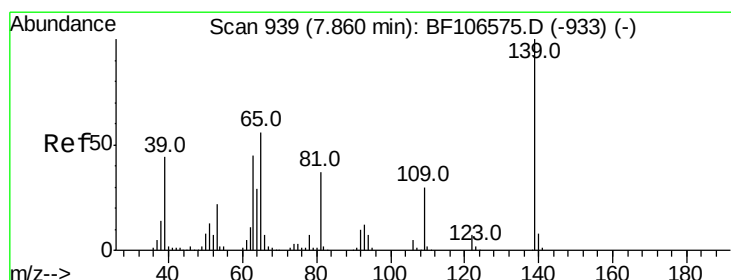
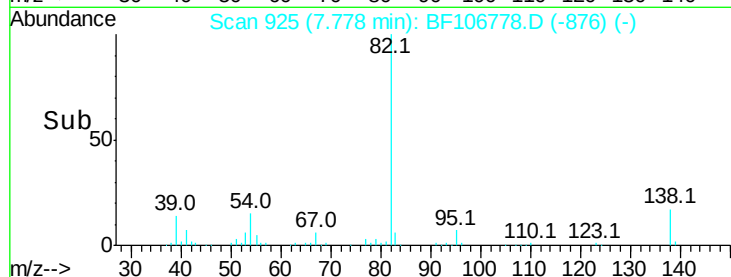
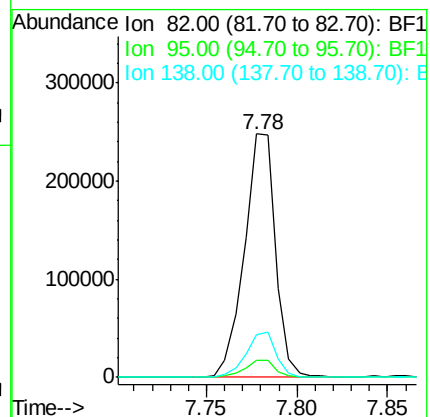
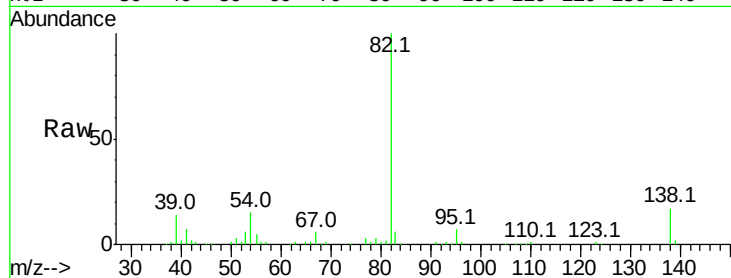
Tot Ion: 82 Resp: 296986

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

138 17.5 14.9 22.3



#26

2-Nitrophenol

Concen: 41.351 ng

RT: 7.86 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF106778.D

Acq: 25 Jun 2018 18:23

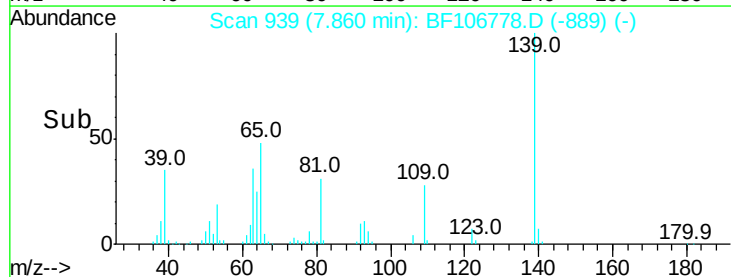
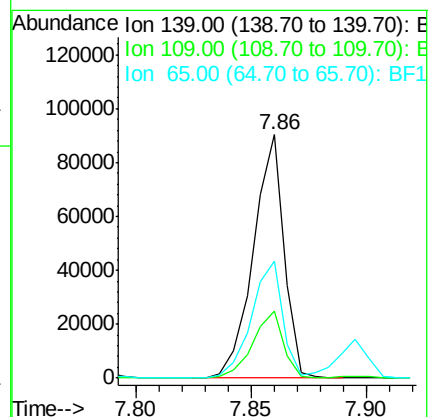
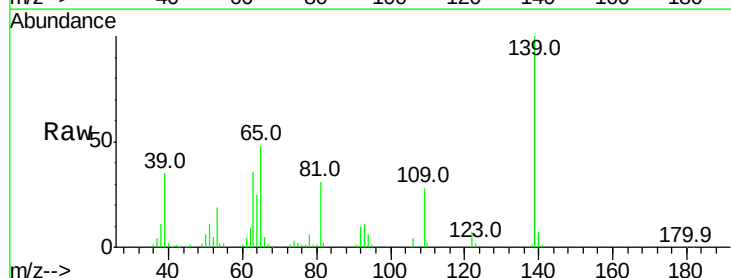
Tgt Ion: 139 Resp: 84166

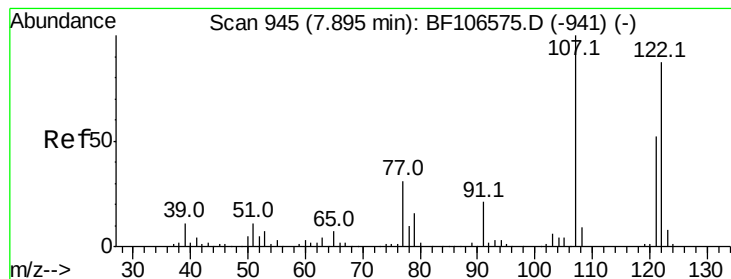
Ion Ratio Lower Upper

139 100

109 27.6 22.7 34.1

65 48.1 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 45.782 ng

RT: 7.90 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF106778.D

Acq: 25 Jun 2018 18:23

Instrument :

BNA_F

ClientSampleId :

PB110541BS

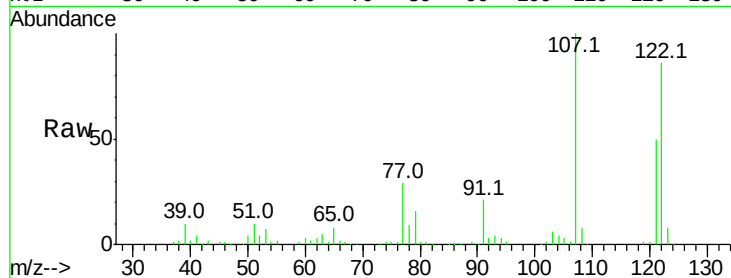
Tot Ion:122 Resp: 144033

Ion Ratio Lower Upper

122 100

107 116.5 91.2 136.8

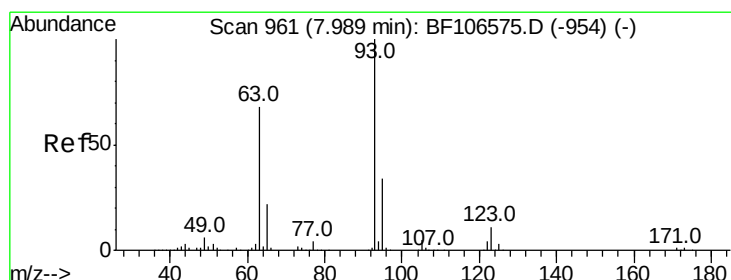
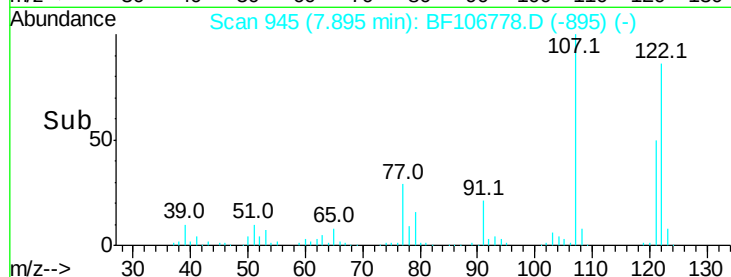
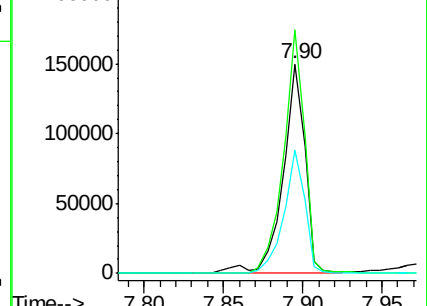
121 58.8 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.935 ng

RT: 7.98 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF106778.D

Acq: 25 Jun 2018 18:23

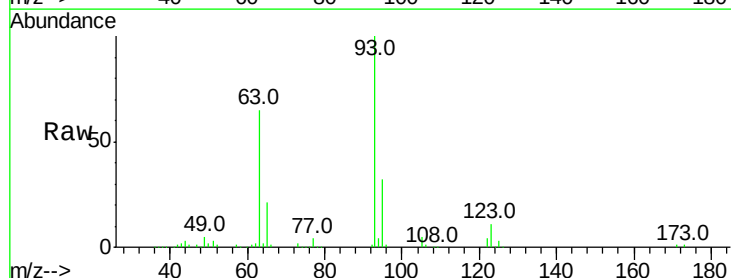
Tgt Ion: 93 Resp: 189549

Ion Ratio Lower Upper

93 100

95 31.9 26.3 39.5

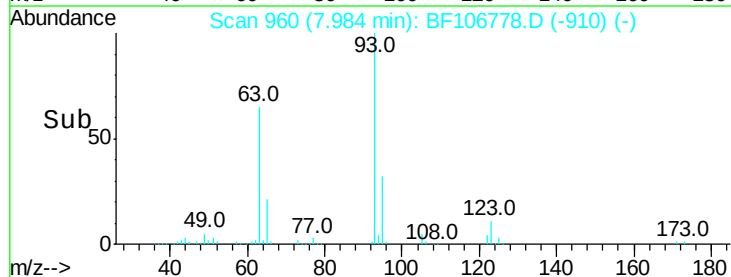
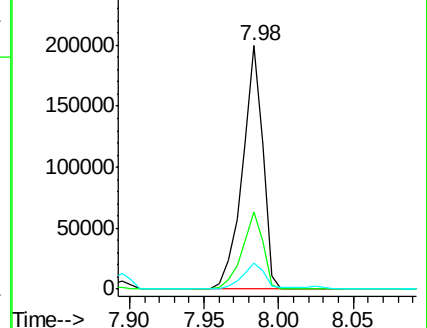
123 10.9 9.8 14.6

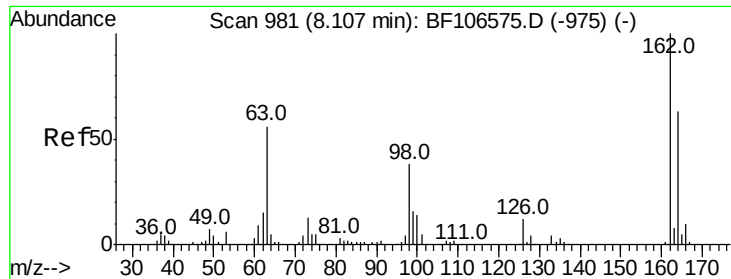


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

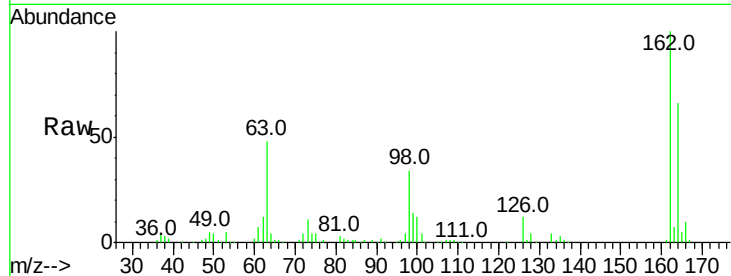




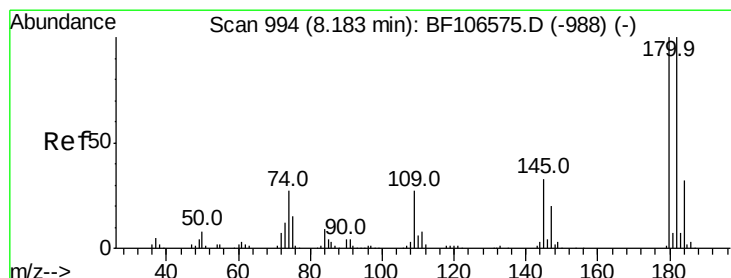
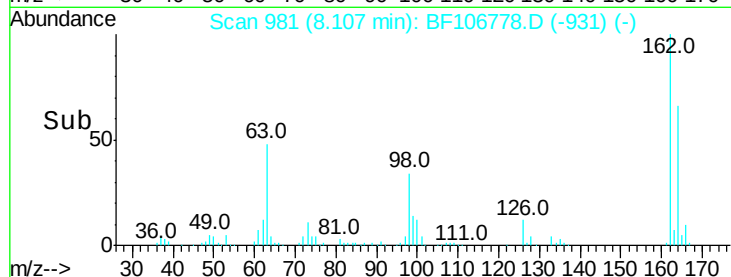
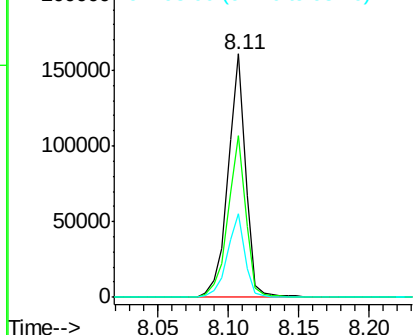
#29
 2,4-Dichlorophenol
 Concen: 42.411 ng
 RT: 8.11 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: BF106778.D
 Acq: 25 Jun 2018 18:23

Instrument :
 BNA_F
 ClientSampleId :
 PB110541BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.3	42.7	82.7
98	34.4	18.1	58.1

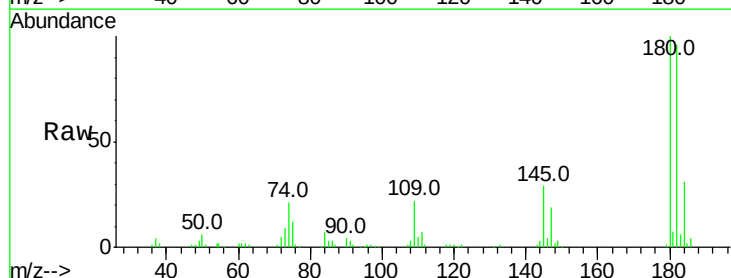


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

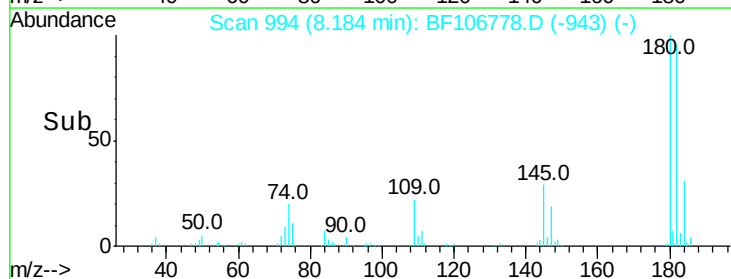
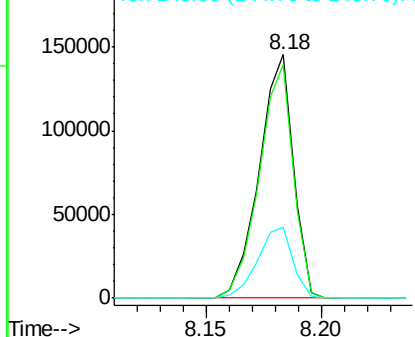


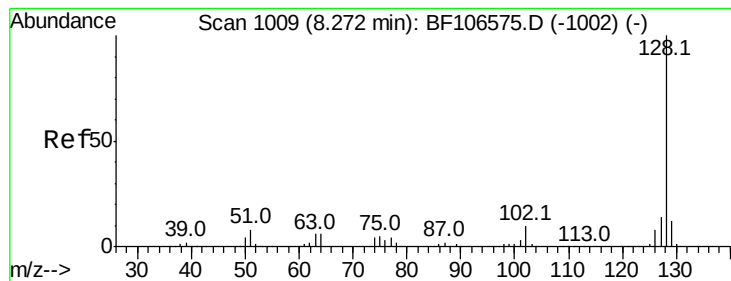
#30
 1,2,4-Trichlorobenzene
 Concen: 41.322 ng
 RT: 8.18 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: BF106778.D
 Acq: 25 Jun 2018 18:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.8	115.2
145	29.2	26.5	39.7



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





#31

Naphthalene

Concen: 39.575 ng

RT: 8.27 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF106778.D

Acq: 25 Jun 2018 18:23

Instrument :

BNA_F

ClientSampleId :

PB110541BS

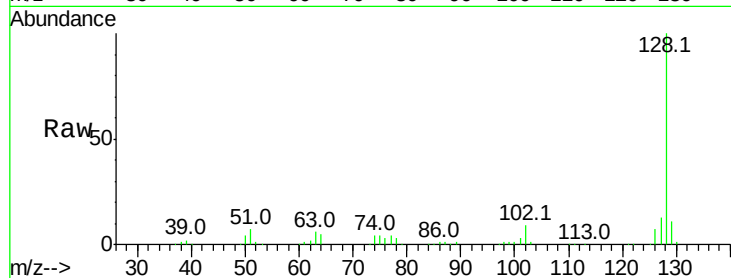
Tot Ion:128 Resp: 434245

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

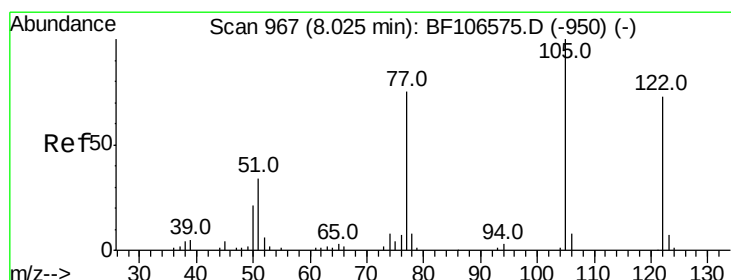
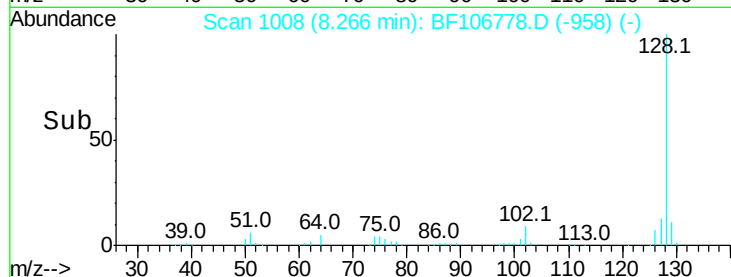
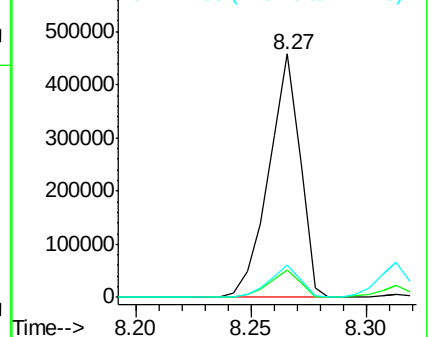
127 13.1 10.9 16.3



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: 32.076 ng

RT: 8.03 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF106778.D

Acq: 25 Jun 2018 18:23

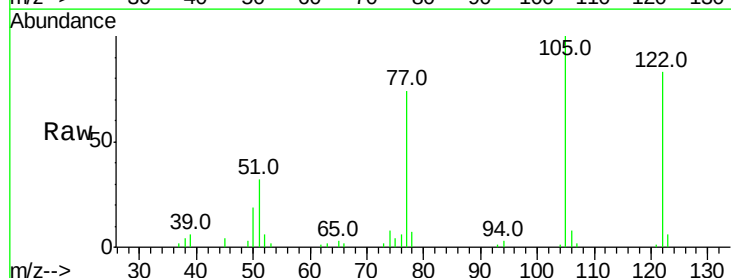
Tgt Ion:122 Resp: 68463

Ion Ratio Lower Upper

122 100

105 120.3 101.1 141.1

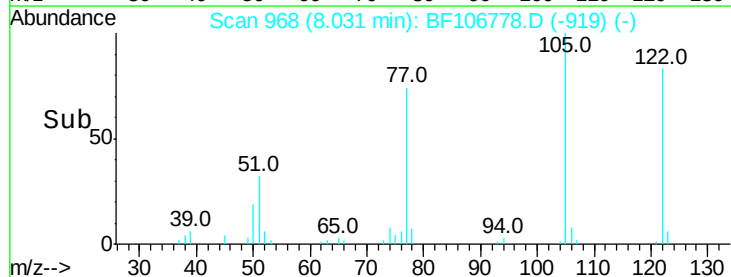
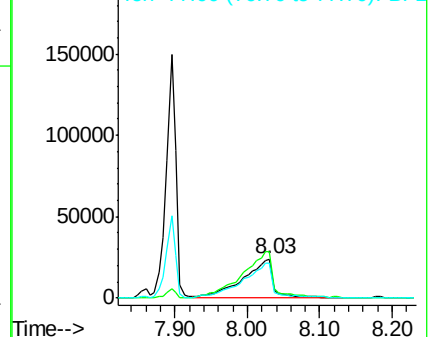
77 88.9 70.7 110.7

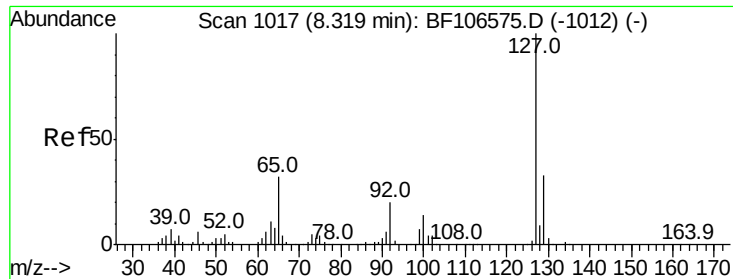


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

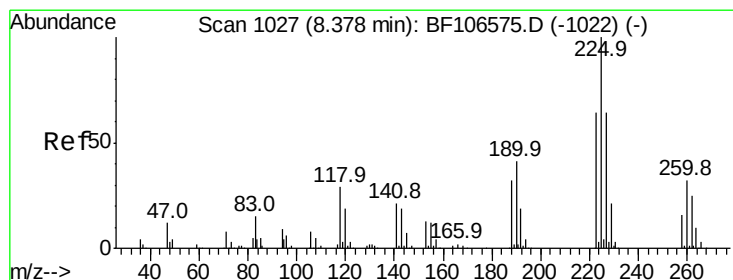
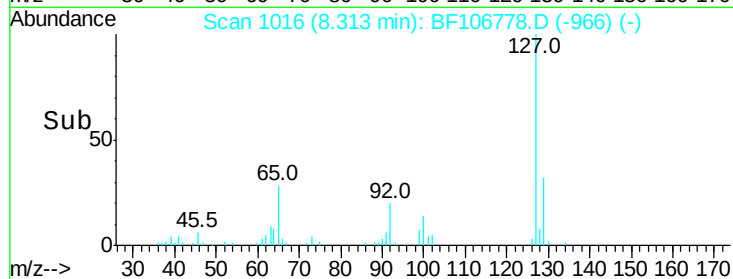
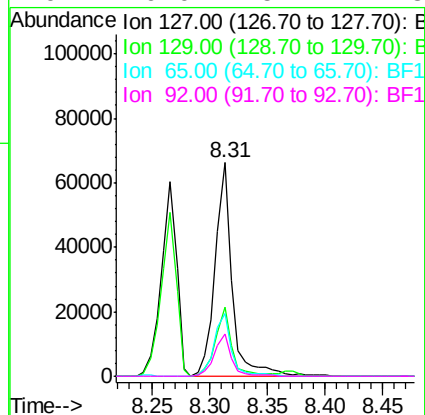
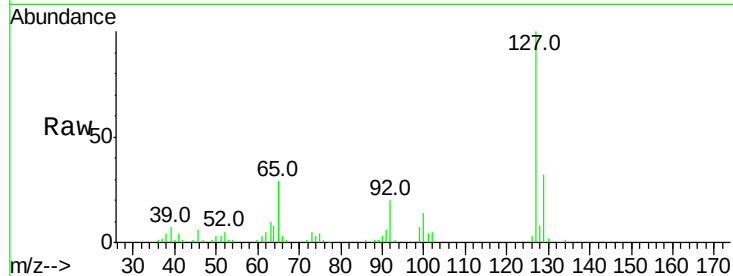




#33
4-Chloroaniline
Concen: 14.875 ng
RT: 8.31 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF106778.D
Acq: 25 Jun 2018 18:23

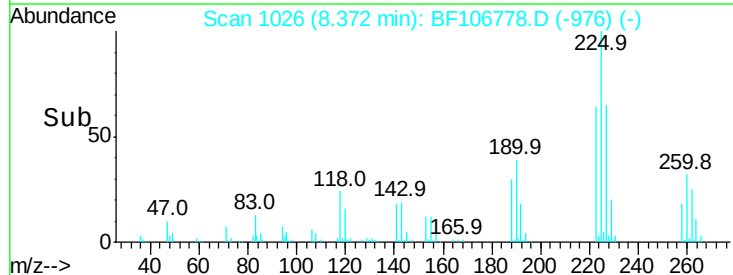
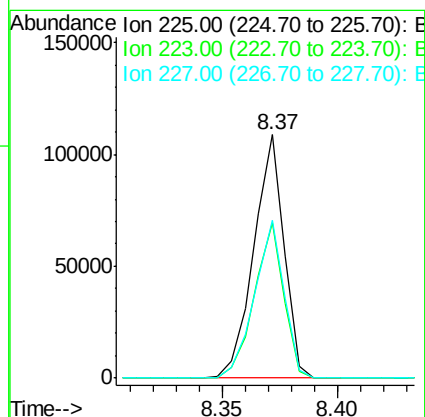
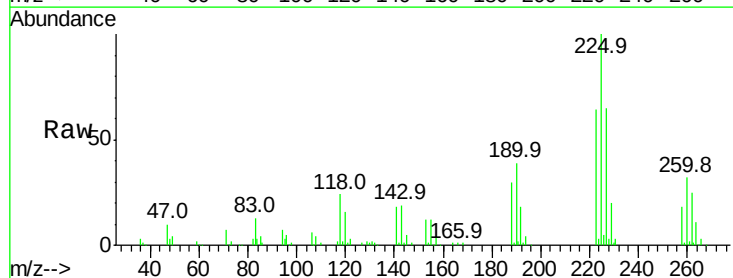
Instrument :
BNA_F
ClientSampleId :
PB110541BS

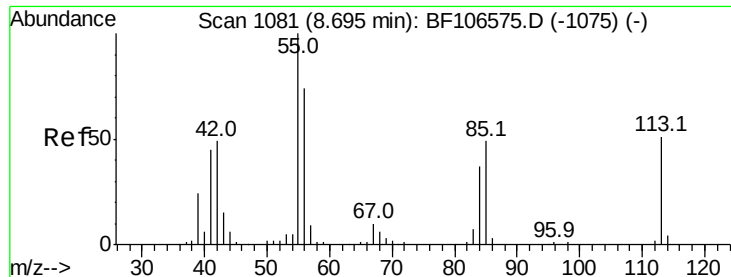
Tot Ion:	127	Resp:	68484
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	29.4	25.0	37.4
92	20.0	15.2	22.8



#34
Hexachlorobutadiene
Concen: 42.191 ng
RT: 8.37 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF106778.D
Acq: 25 Jun 2018 18:23

Tgt Ion:	225	Resp:	99750
Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.6	76.0
227	64.7	51.9	77.9





#35

Caprolactam

Concen: 27.360 ng

RT: 8.70 min Scan# 1081

Delta R.T. -0.02 min

Lab File: BF106778.D

Acq: 25 Jun 2018 18:23

Instrument :

BNA_F

ClientSampleId :

PB110541BS

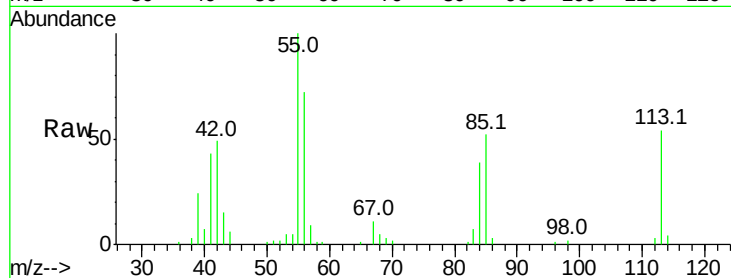
Tot Ion:113 Resp: 29375

Ion Ratio Lower Upper

113 100

55 183.5 163.3 203.3

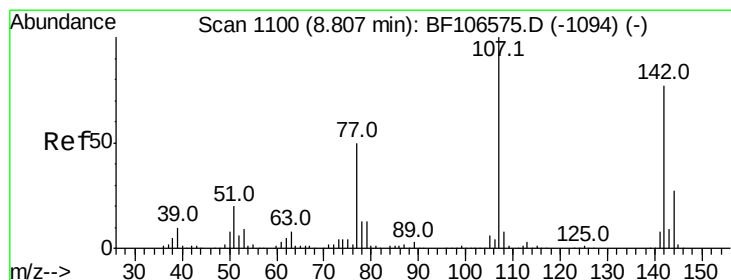
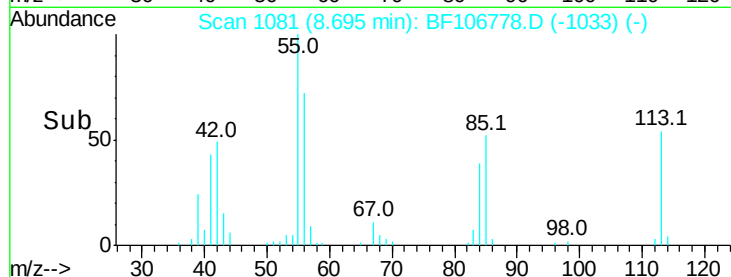
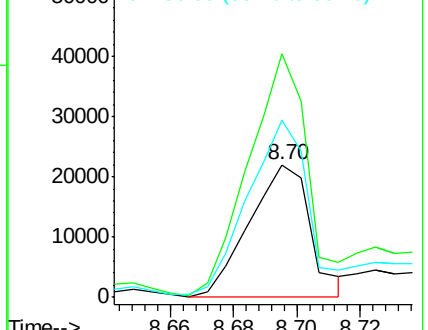
56 133.0 115.7 155.7



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: 42.538 ng

RT: 8.81 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BF106778.D

Acq: 25 Jun 2018 18:23

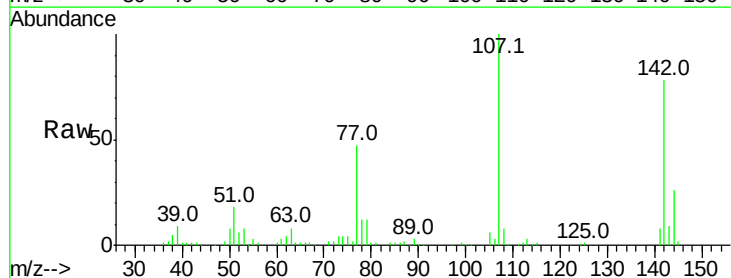
Tgt Ion:107 Resp: 147473

Ion Ratio Lower Upper

107 100

144 25.6 20.5 30.7

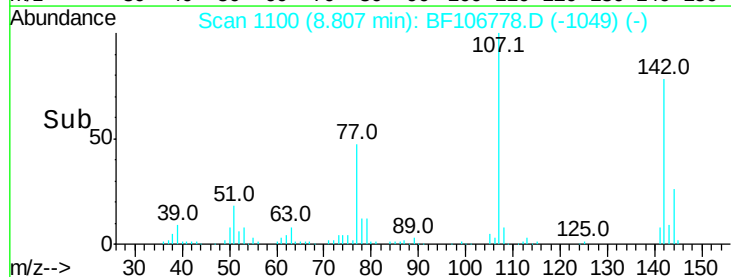
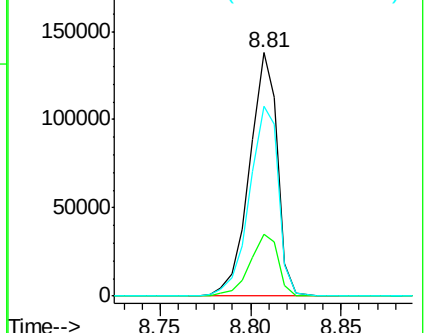
142 77.8 62.0 93.0

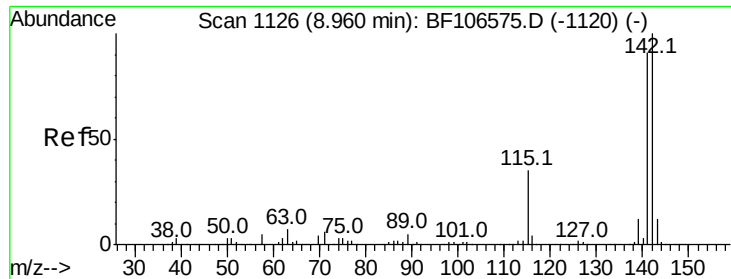


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

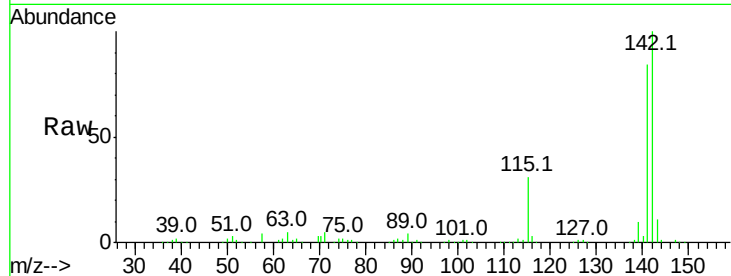




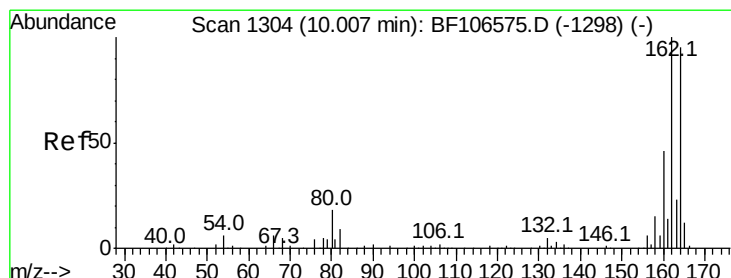
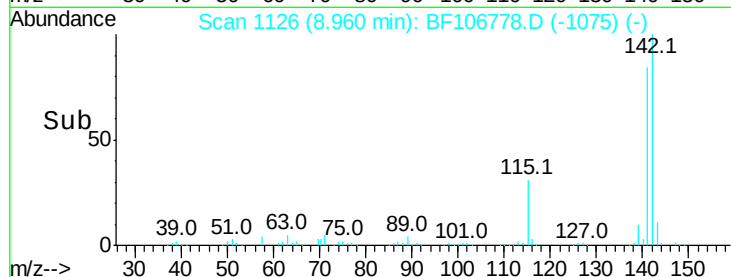
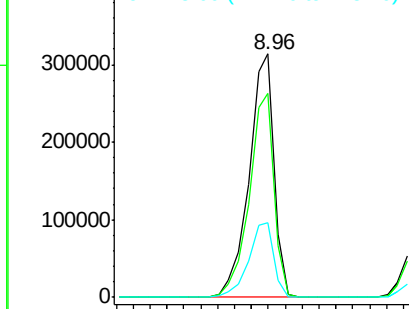
#37
2-Methylnaphthalene
Concen: 44.815 ng
RT: 8.96 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BF106778.D
Acq: 25 Jun 2018 18:23

Instrument :
BNA_F
ClientSampleId :
PB110541BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	83.7	70.8	106.2
115	30.9	26.1	39.1

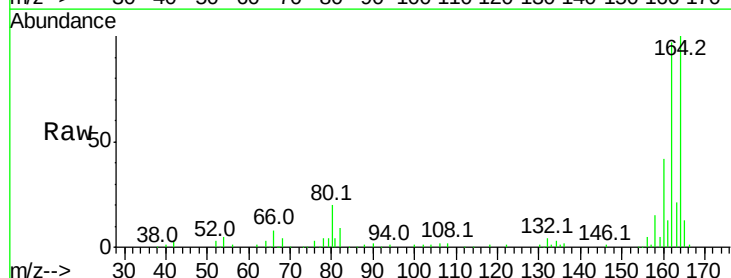


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

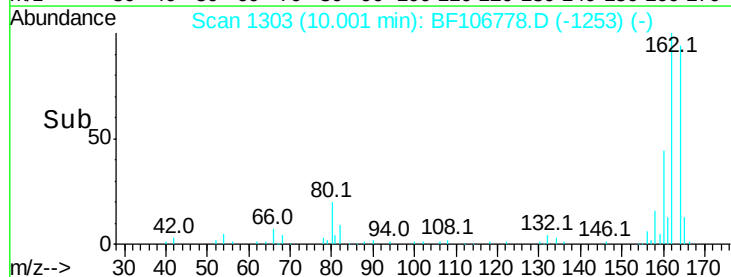
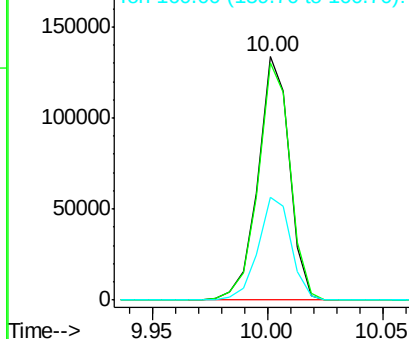


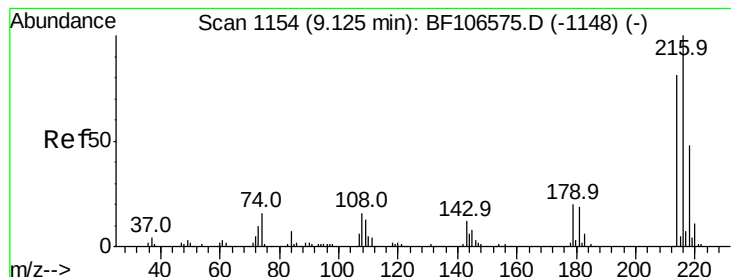
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106778.D
Acq: 25 Jun 2018 18:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.4	86.1	129.1
160	42.3	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: 38.774 ng

RT: 9.12 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF106778.D

Acq: 25 Jun 2018 18:23

Instrument :

BNA_F

ClientSampleId :

PB110541BS

Tot Ion:216 Resp: 165534

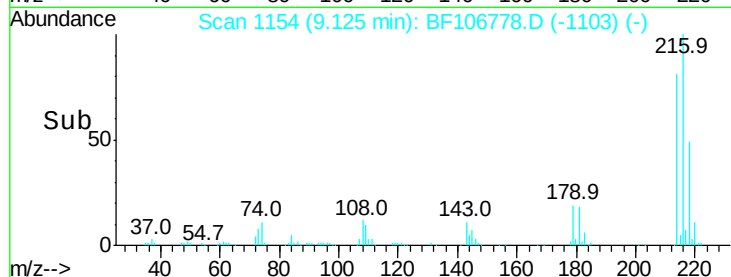
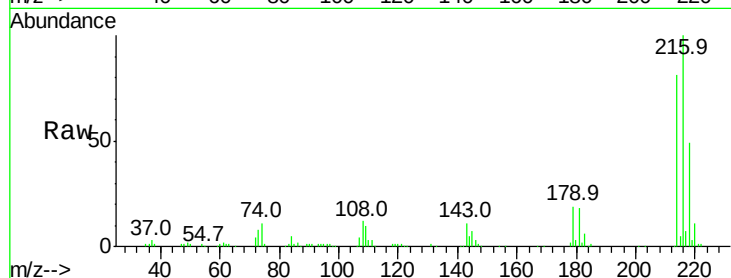
Ion Ratio Lower Upper

216 100

214 80.5 63.0 94.4

179 19.7 18.1 27.1

108 16.3 17.2 25.8#

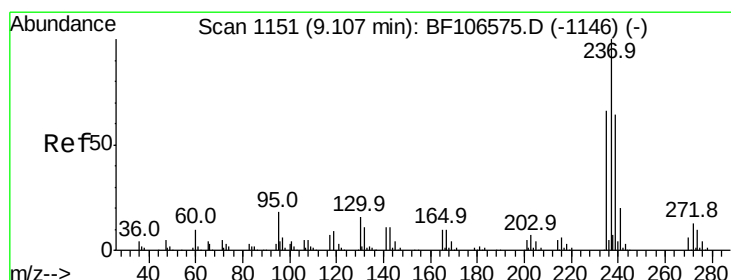
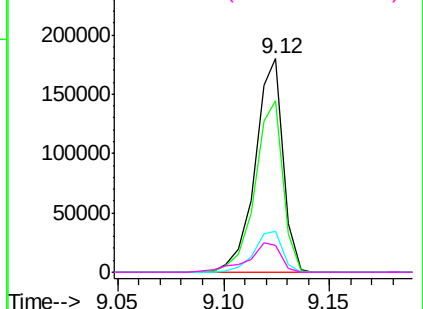


Abundance Ion 216.00 (215.70 to 216.70): E

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: 67.155 ng

RT: 9.10 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF106778.D

Acq: 25 Jun 2018 18:23

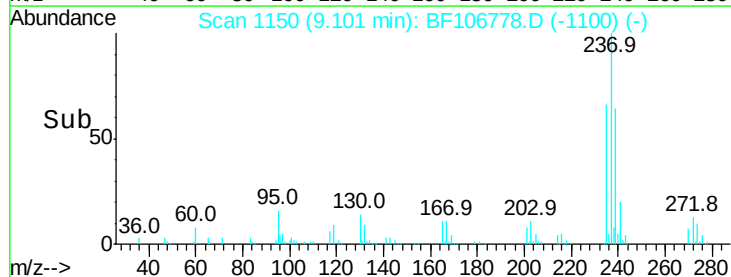
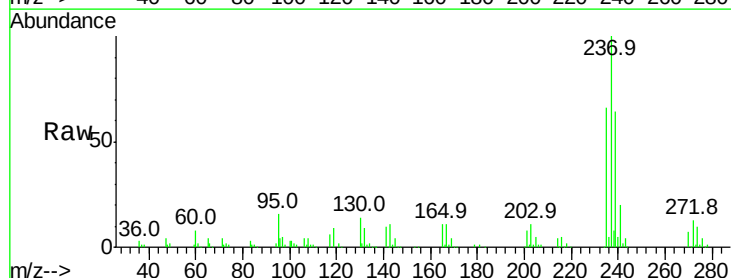
Tgt Ion:237 Resp: 147505

Ion Ratio Lower Upper

237 100

235 65.9 44.8 84.8

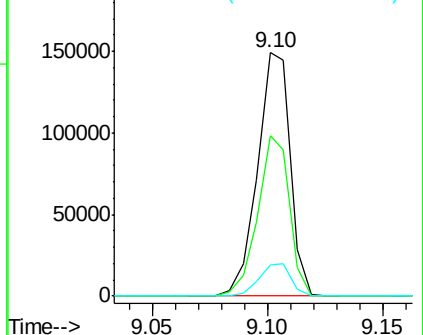
272 12.9 0.0 33.3

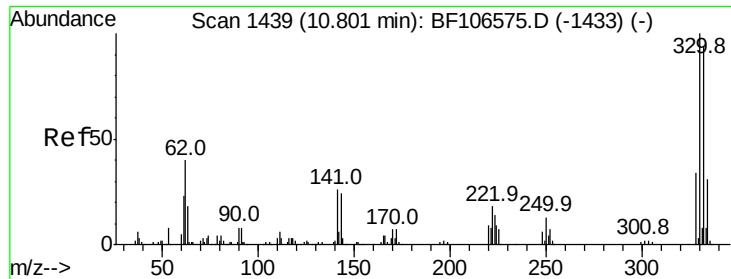


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 127.232 ng

RT: 10.80 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF106778.D

Acq: 25 Jun 2018 18:23

Instrument :

BNA_F

ClientSampleId :

PB110541BS

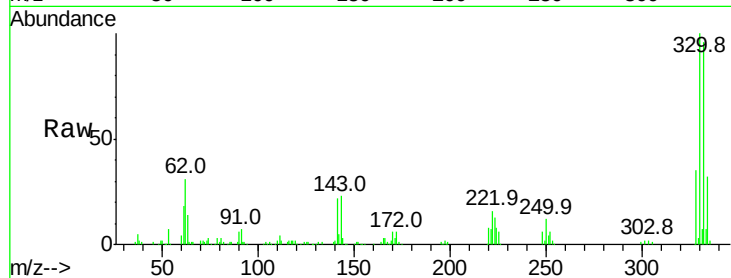
Tot Ion:330 Resp: 186941

Ion Ratio Lower Upper

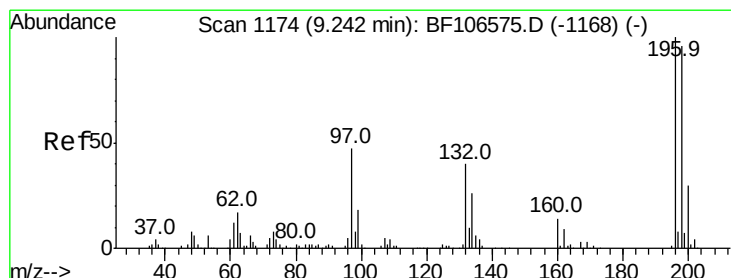
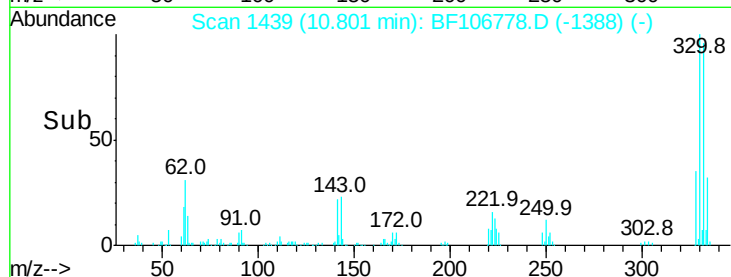
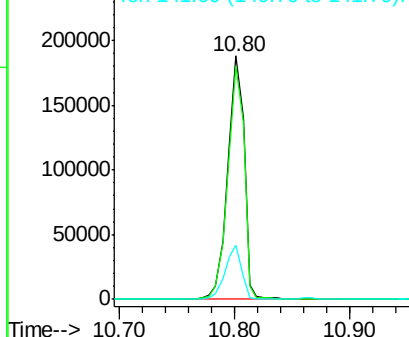
330 100

332 96.1 77.0 115.6

141 21.9 29.9 44.9#



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



#42

2,4,6-Trichlorophenol

Concen: 36.885 ng

RT: 9.24 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF106778.D

Acq: 25 Jun 2018 18:23

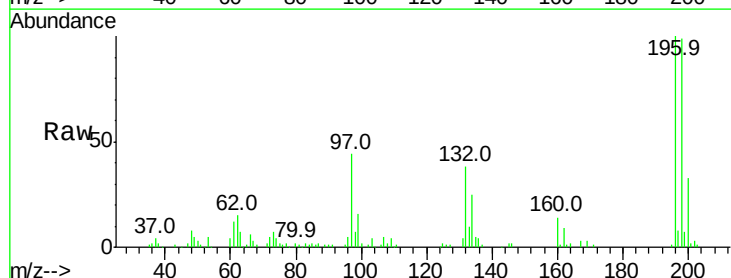
Tgt Ion:196 Resp: 104672

Ion Ratio Lower Upper

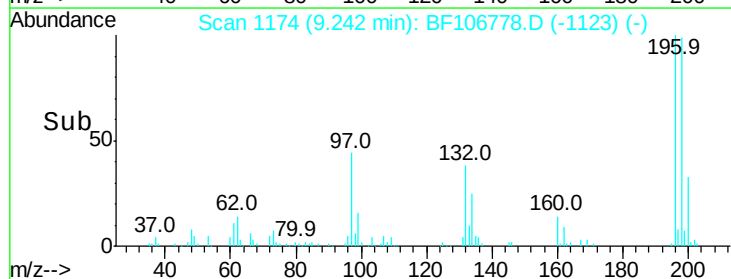
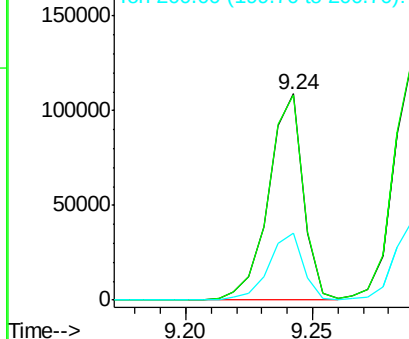
196 100

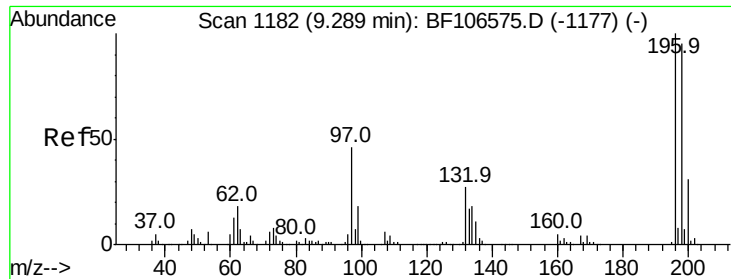
198 99.4 75.7 113.5

200 32.8 24.5 36.7



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

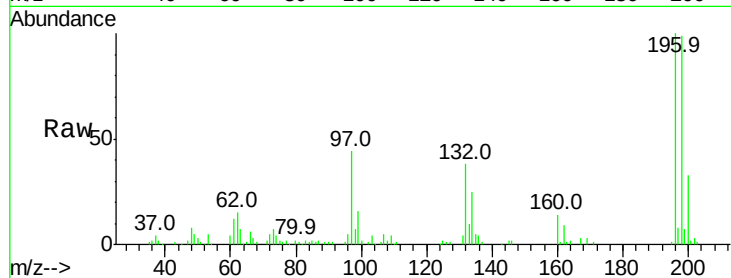




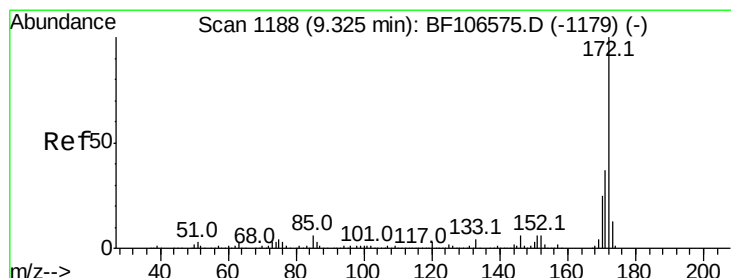
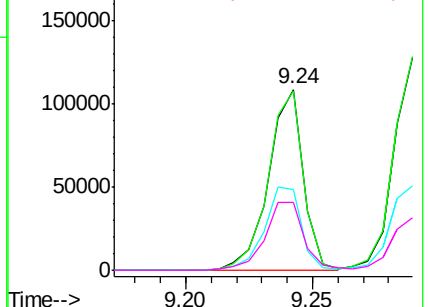
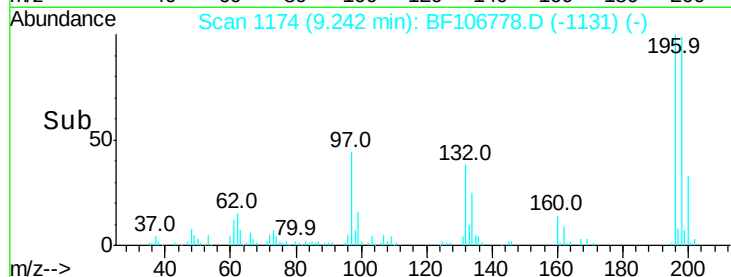
#43
 2,4,5-Trichlorophenol
 Concen: 35.348 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. -0.05 min
 Lab File: BF106778.D
 Acq: 25 Jun 2018 18:23

Instrument :
 BNA_F
 ClientSampleId :
 PB110541BS

Tot Ion:	196	Resp:	104672
Ion	Ratio	Lower	Upper
196	100		
198	99.4	74.6	112.0
97	44.5	42.9	64.3
132	37.8	26.3	39.5

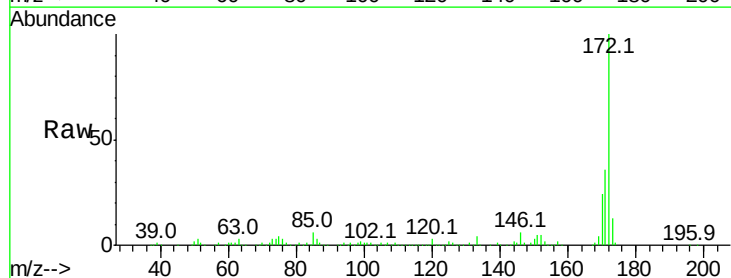


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

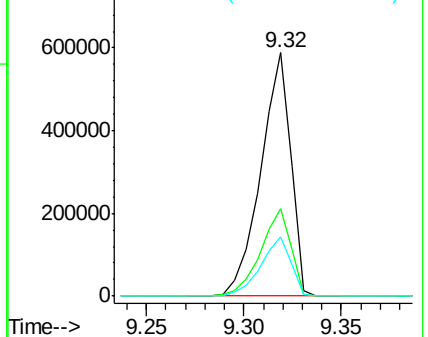
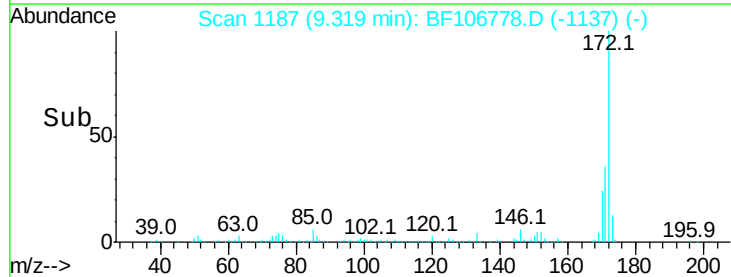


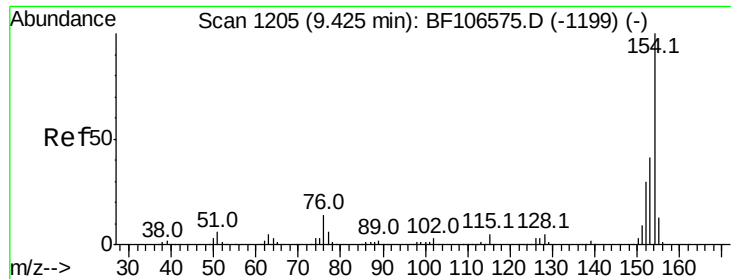
#44
 2-Fluorobiphenyl
 Concen: 82.936 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106778.D
 Acq: 25 Jun 2018 18:23

Tgt Ion:	172	Resp:	623829
Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.2	19.6	29.4



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





#45

1,1'-Biphenyl

Concen: 38.979 ng

RT: 9.42 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF106778.D

Acq: 25 Jun 2018 18:23

Instrument :

BNA_F

ClientSampleId :

PB110541BS

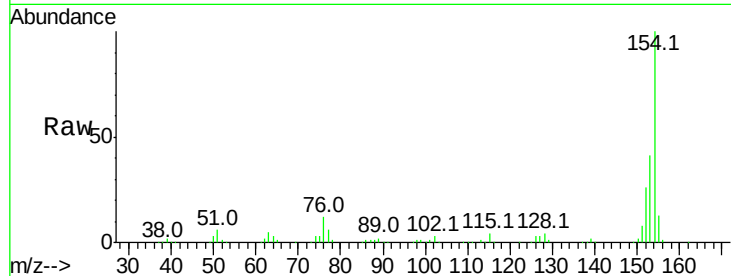
Tot Ion:154 Resp: 393795

Ion Ratio Lower Upper

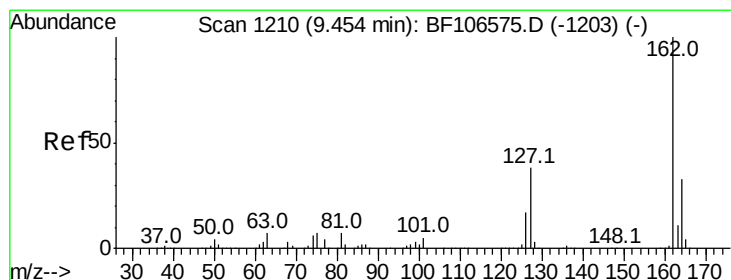
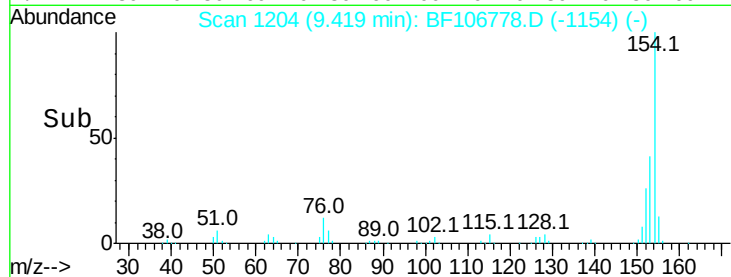
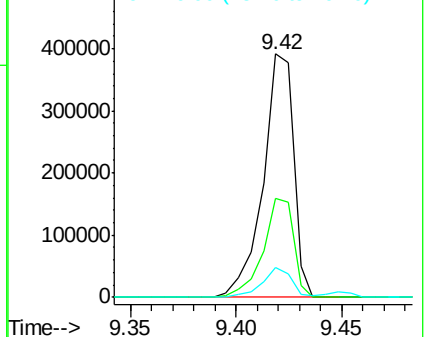
154 100

153 40.6 21.3 61.3

76 12.1 0.0 34.0



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



#46

2-Chloronaphthalene

Concen: 36.377 ng

RT: 9.45 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF106778.D

Acq: 25 Jun 2018 18:23

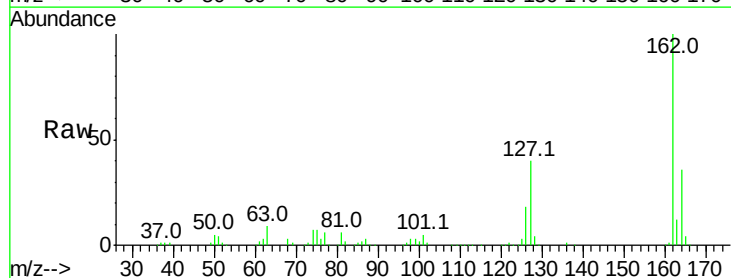
Tgt Ion:162 Resp: 289283

Ion Ratio Lower Upper

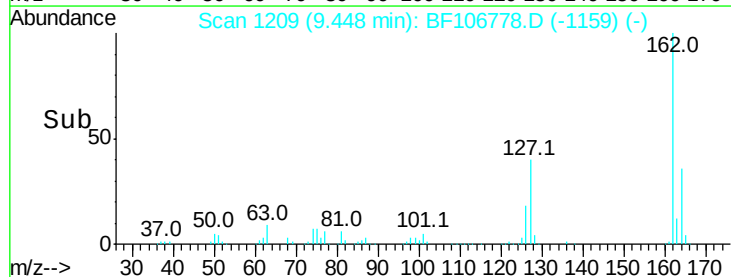
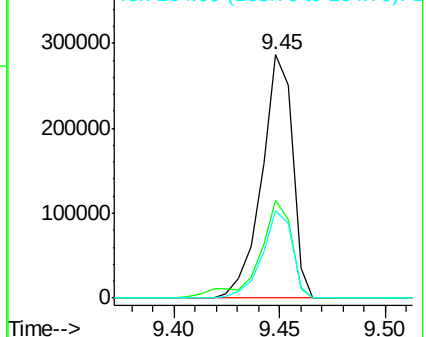
162 100

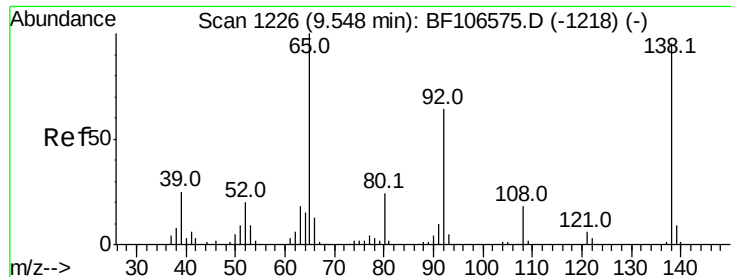
127 40.4 33.9 50.9

164 35.8 26.5 39.7



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

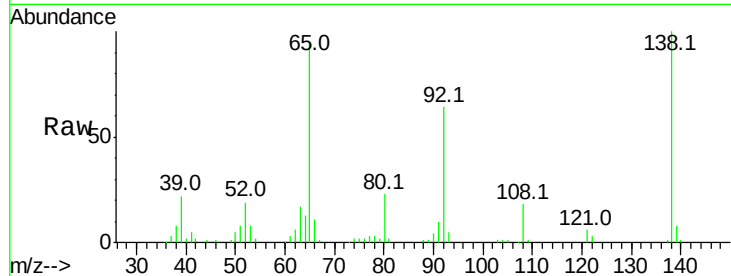




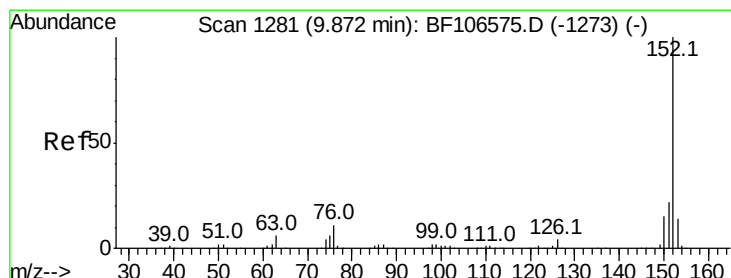
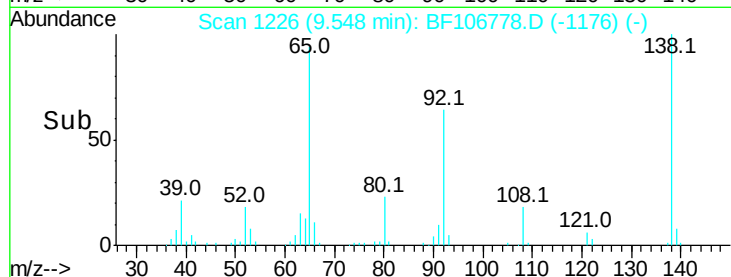
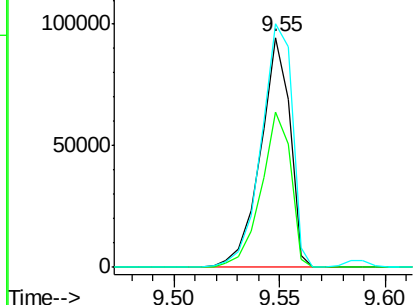
#47
2-Nitroaniline
Concen: 34.344 ng
RT: 9.55 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF106778.D
Acq: 25 Jun 2018 18:23

Instrument :
BNA_F
ClientSampleId :
PB110541BS

Tot Ion: 65 Resp: 91841
Ion Ratio Lower Upper
65 100
92 67.9 55.8 83.6
138 106.0 91.2 136.8

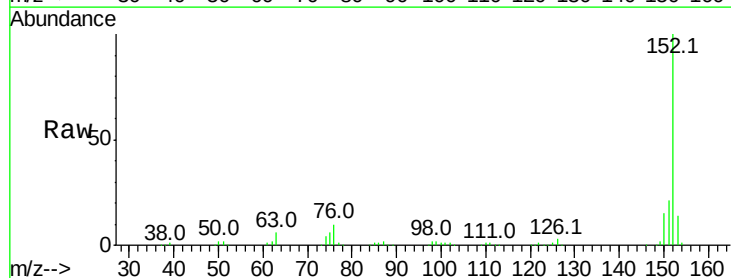


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

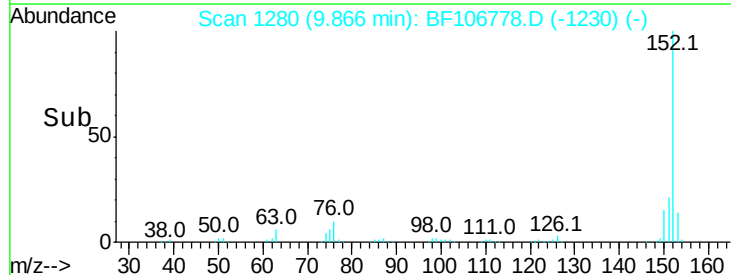
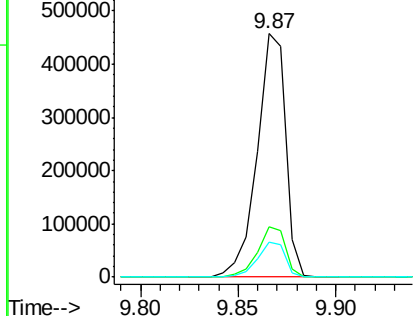


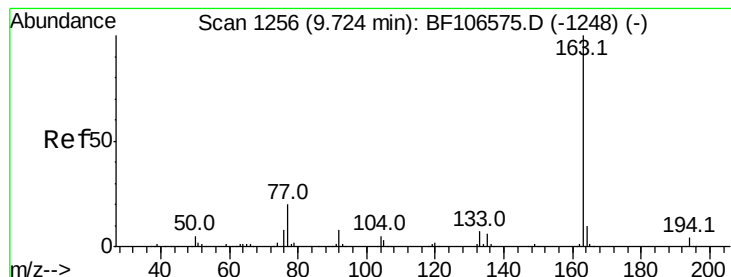
#48
Acenaphthylene
Concen: 36.932 ng
RT: 9.87 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF106778.D
Acq: 25 Jun 2018 18:23

Tgt Ion: 152 Resp: 463692
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5
153 14.2 10.7 16.1



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





#49

Dimethylphthalate

Concen: 37.439 ng

RT: 9.72 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BF106778.D

Acq: 25 Jun 2018 18:23

Instrument :

BNA_F

ClientSampleId :

PB110541BS

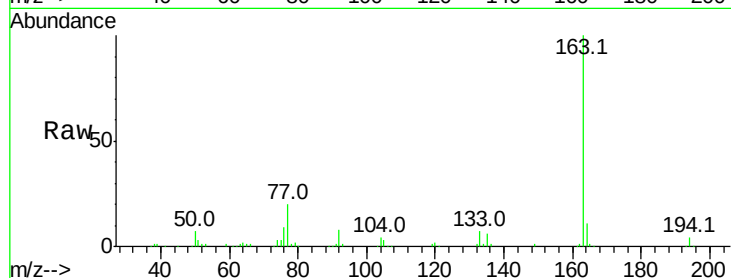
Tot Ion:163 Resp: 355963

Ion Ratio Lower Upper

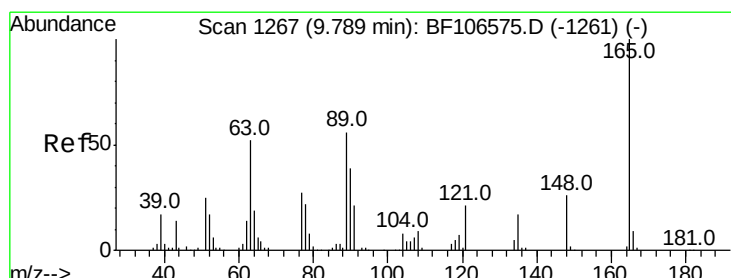
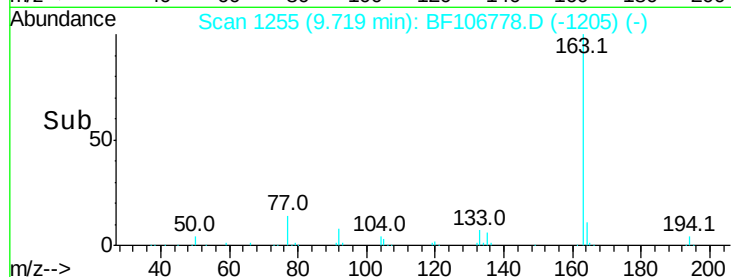
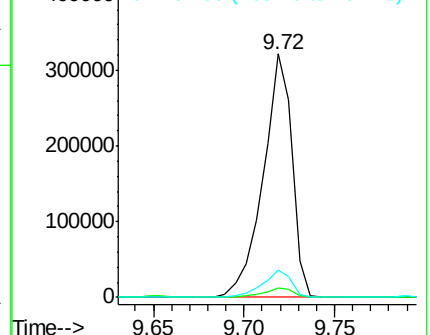
163 100

194 4.0 2.7 4.1

164 11.2 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: 41.201 ng

RT: 9.79 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BF106778.D

Acq: 25 Jun 2018 18:23

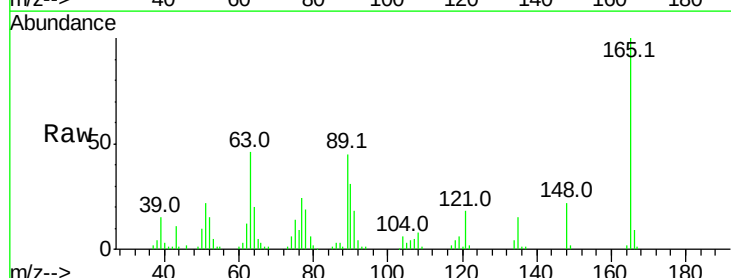
Tgt Ion:165 Resp: 82951

Ion Ratio Lower Upper

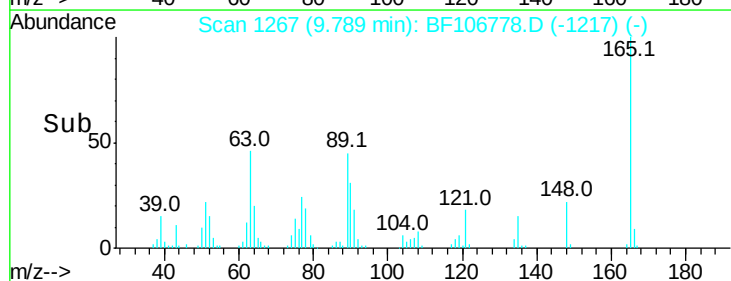
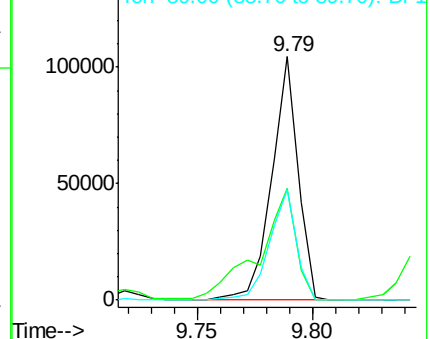
165 100

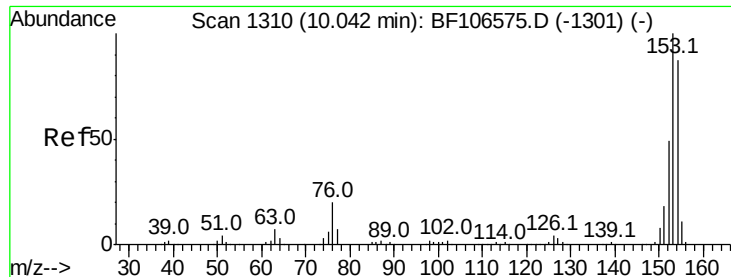
63 46.2 44.7 67.1

89 45.2 44.0 66.0



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





#51

Acenaphthene

Concen: 35.351 ng

RT: 10.04 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF106778.D

Acq: 25 Jun 2018 18:23

Instrument :

BNA_F

ClientSampleId :

PB110541BS

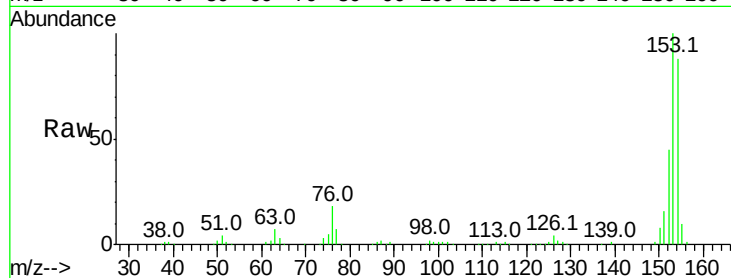
Tot Ion:154 Resp: 279493

Ion Ratio Lower Upper

154 100

153 113.0 91.2 136.8

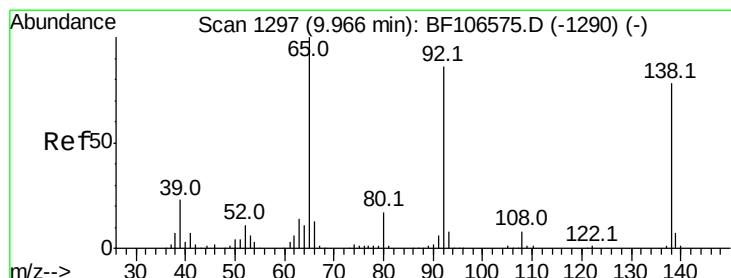
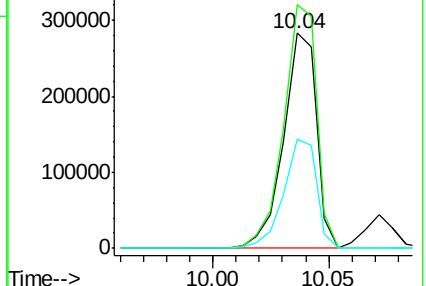
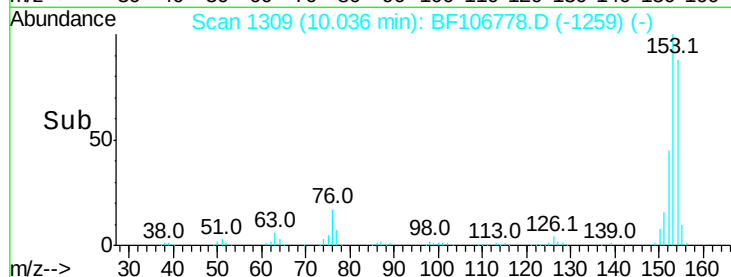
152 50.6 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 20.312 ng

RT: 9.96 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF106778.D

Acq: 25 Jun 2018 18:23

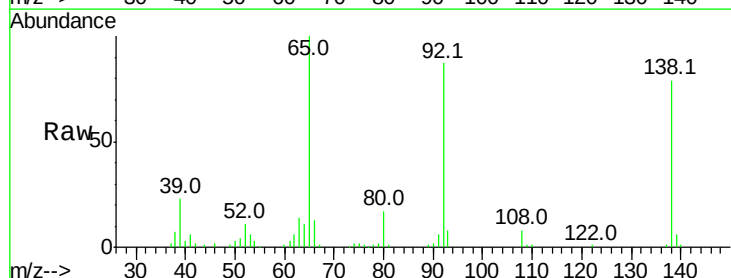
Tgt Ion:138 Resp: 47058

Ion Ratio Lower Upper

138 100

108 10.5 9.4 14.0

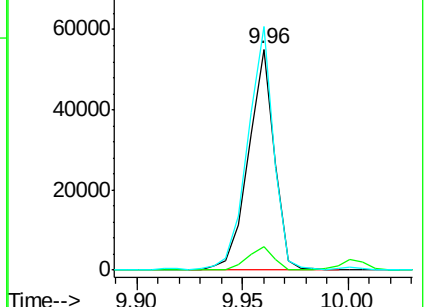
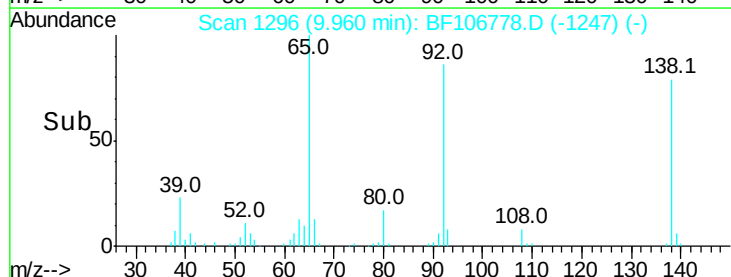
92 110.3 89.4 134.2

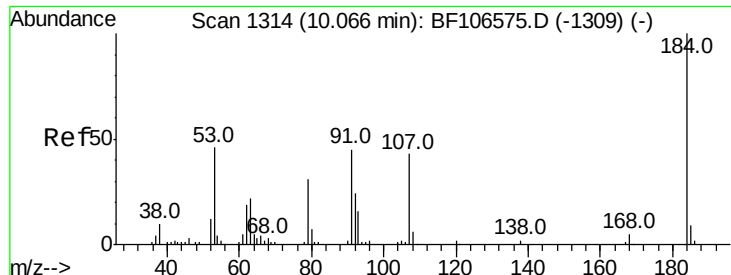


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

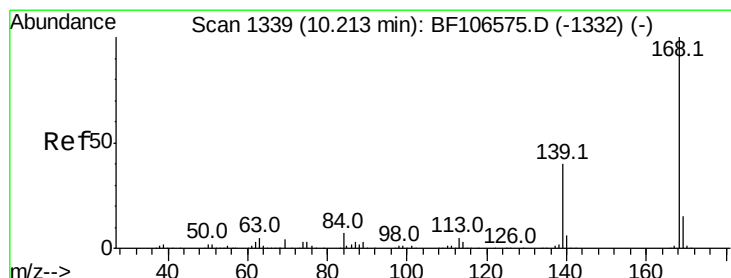
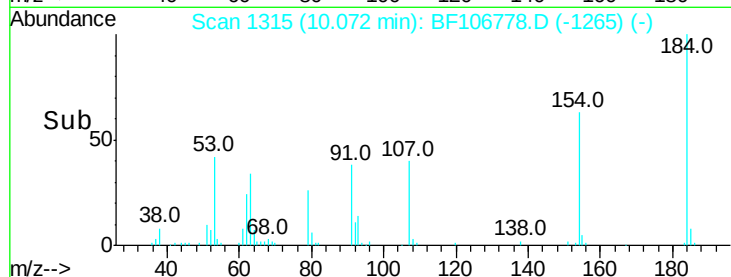
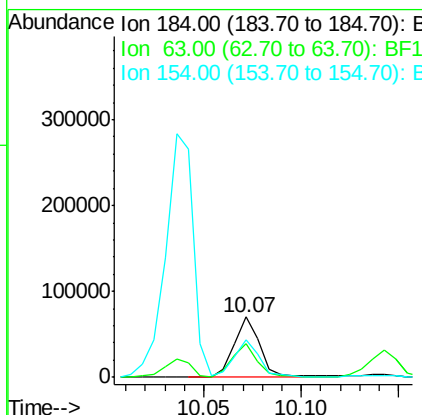
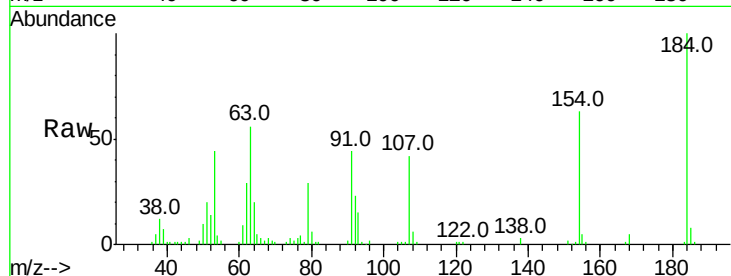




#53
 2,4-Dinitrophenol
 Concen: 64.821 ng
 RT: 10.07 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF106778.D
 Acq: 25 Jun 2018 18:23

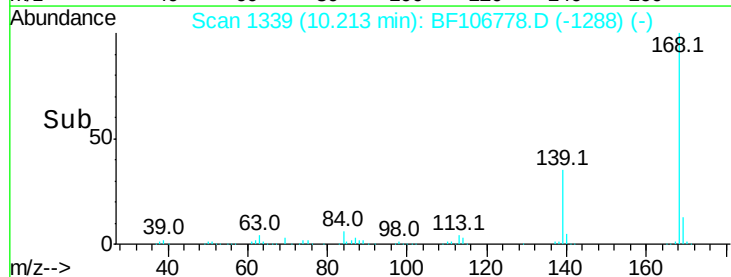
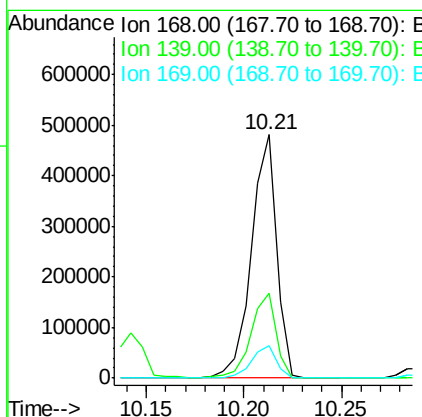
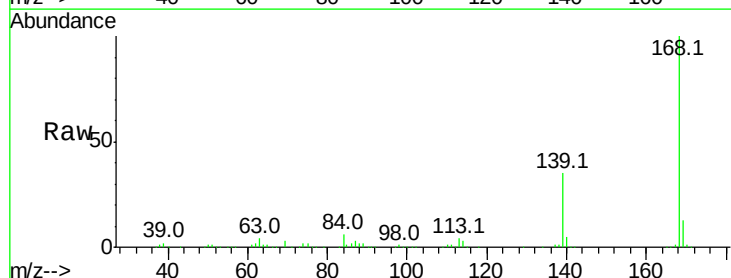
Instrument :
 BNA_F
 ClientSampleId :
 PB110541BS

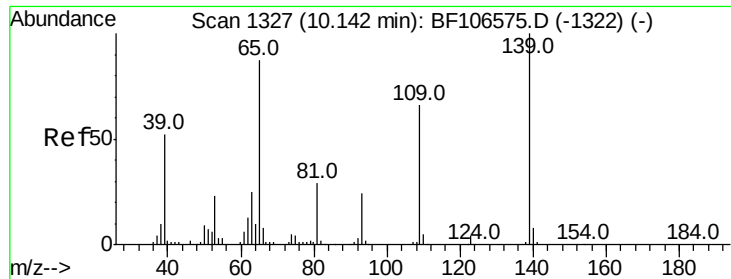
Tot Ion:184 Resp: 66714
 Ion Ratio Lower Upper
 184 100
 63 55.9 54.2 81.2
 154 62.6 184.0 276.0#



#54
 Dibenzofuran
 Concen: 39.874 ng
 RT: 10.21 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BF106778.D
 Acq: 25 Jun 2018 18:23

Tgt Ion:168 Resp: 431679
 Ion Ratio Lower Upper
 168 100
 139 35.1 30.1 45.1
 169 13.4 10.9 16.3

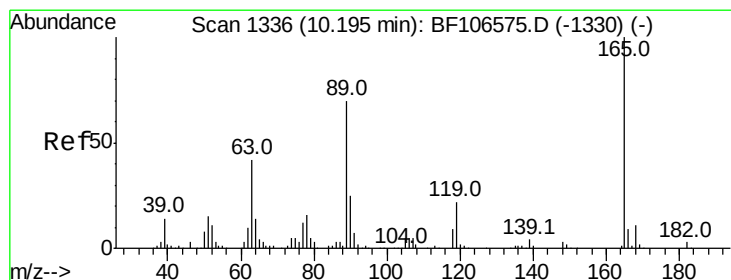
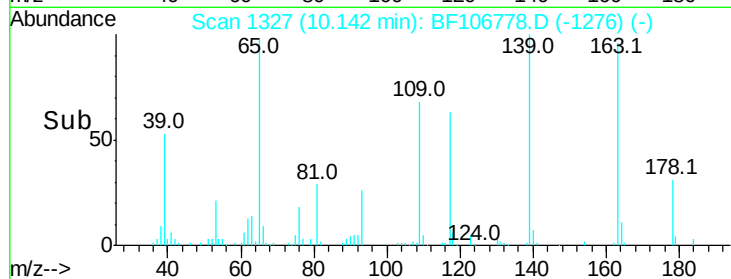
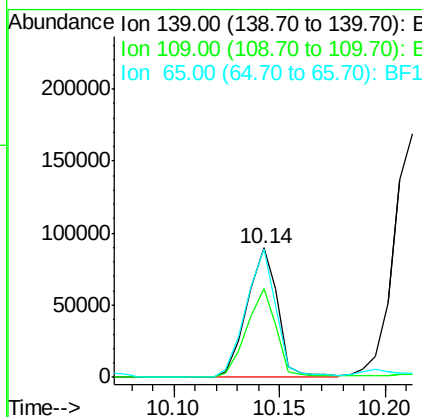
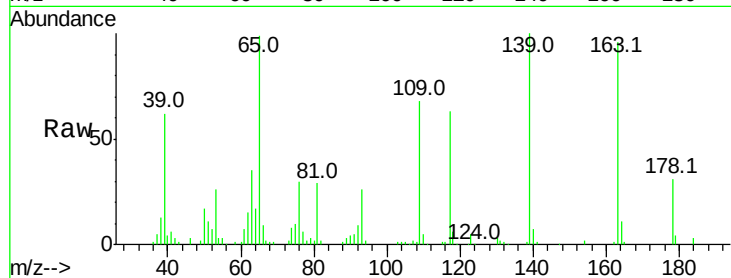




#55
4-Nitrophenol
Concen: 56.478 ng
RT: 10.14 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BF106778.D
Acq: 25 Jun 2018 18:23

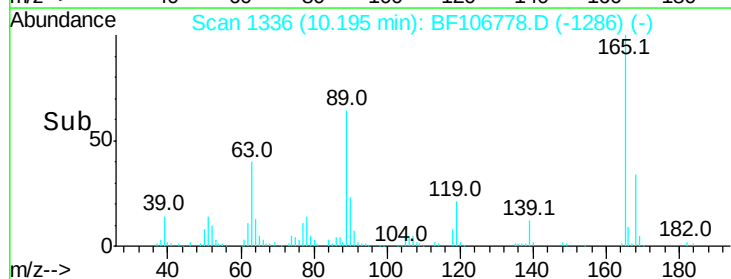
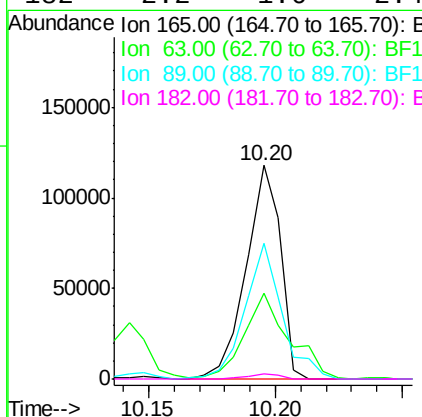
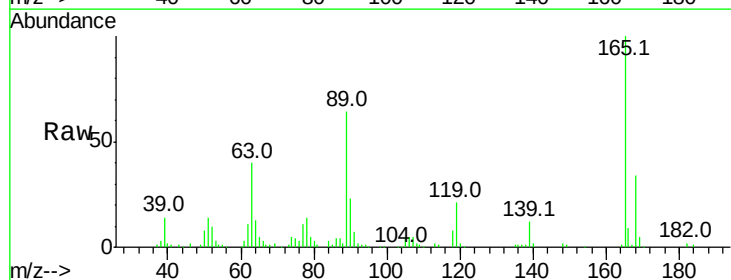
Instrument :
BNA_F
ClientSampleId :
PB110541BS

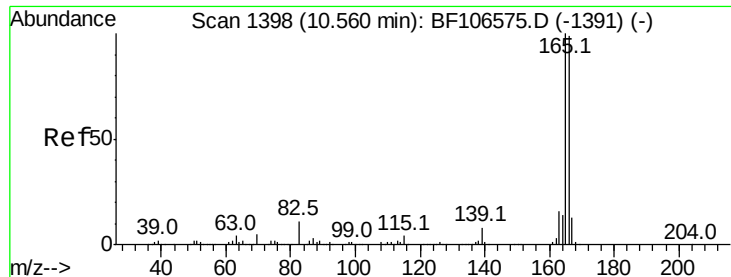
Tot Ion:139 Resp: 91333
Ion Ratio Lower Upper
139 100
109 68.2 48.4 88.4
65 99.4 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 42.204 ng
RT: 10.20 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF106778.D
Acq: 25 Jun 2018 18:23

Tgt Ion:165 Resp: 110910
Ion Ratio Lower Upper
165 100
63 40.4 36.4 54.6
89 63.7 57.8 86.6
182 2.2 1.6 2.4

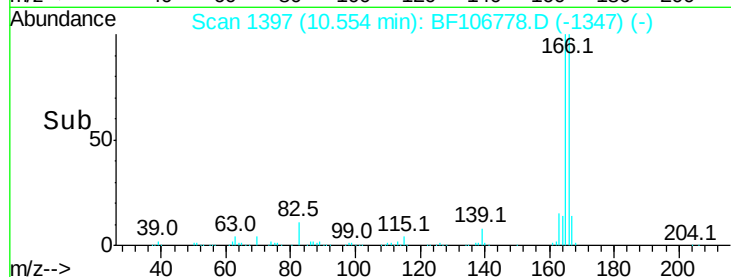
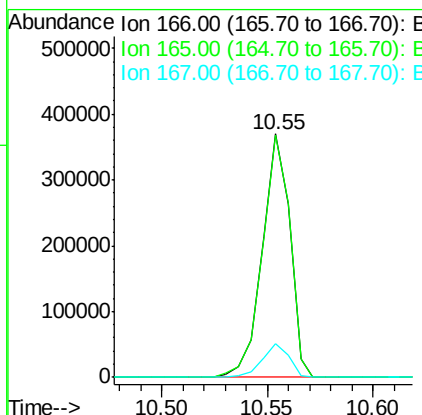
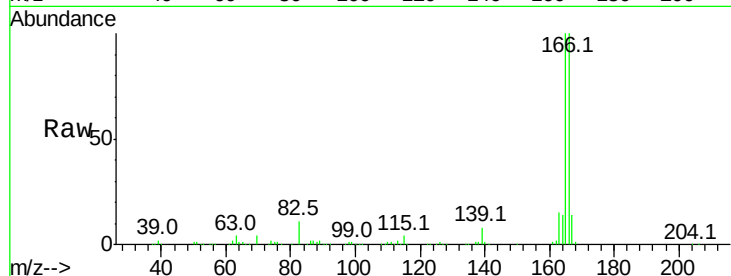




#57
 Fluorene
 Concen: 39.270 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF106778.D
 Acq: 25 Jun 2018 18:23

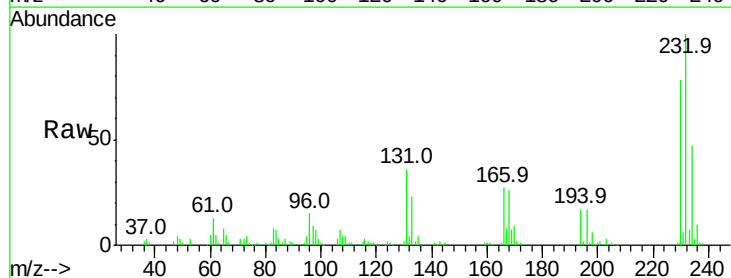
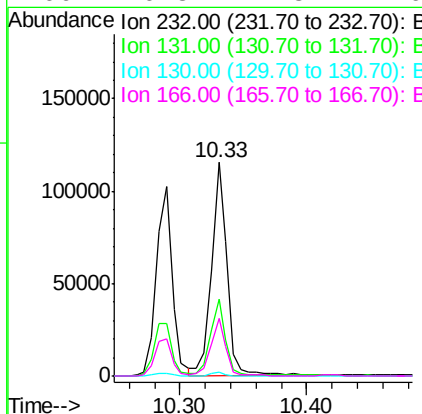
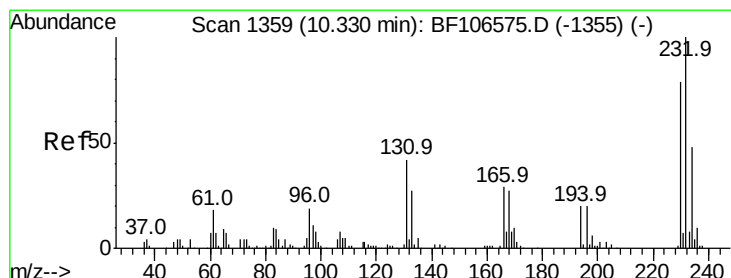
Instrument :
 BNA_F
 ClientSampleId :
 PB110541BS

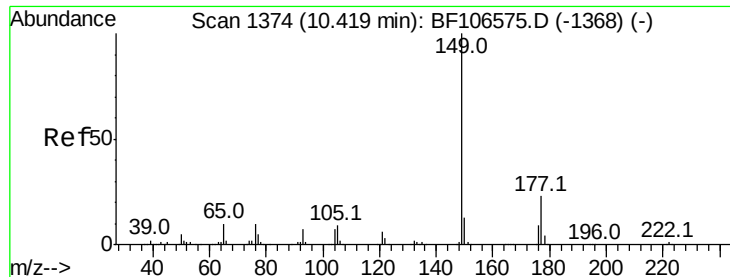
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.7	79.8	119.8
167	13.6	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.705 ng
 RT: 10.33 min Scan# 1359
 Delta R.T. -0.01 min
 Lab File: BF106778.D
 Acq: 25 Jun 2018 18:23

Tgt Ion	Ratio	Lower	Upper
232	100		
131	34.3	43.8	65.8#
130	1.5	2.1	3.1#
166	26.3	27.8	41.6#

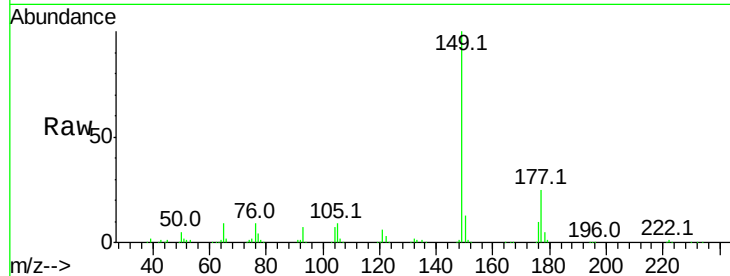




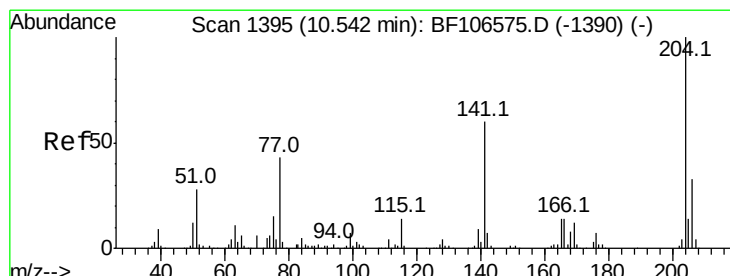
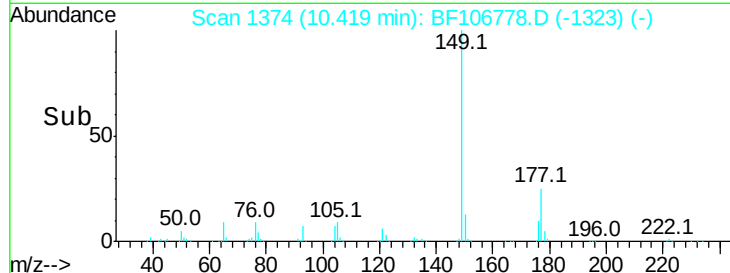
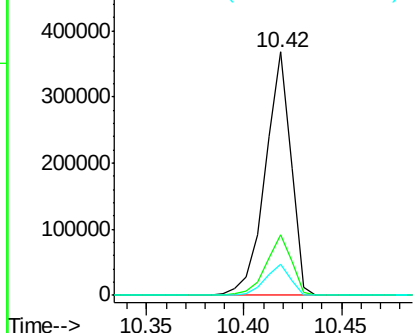
#59
Diethylphthalate
Concen: 36.407 ng
RT: 10.42 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BF106778.D
Acq: 25 Jun 2018 18:23

Instrument :
BNA_F
ClientSampleId :
PB110541BS

Tot Ion:149 Resp: 334095
Ion Ratio Lower Upper
149 100
177 24.8 16.1 24.1#
150 12.7 10.1 15.1

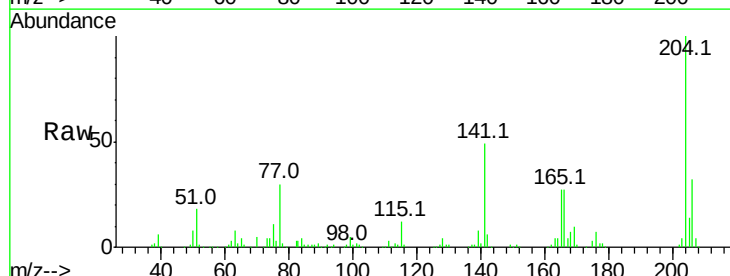


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

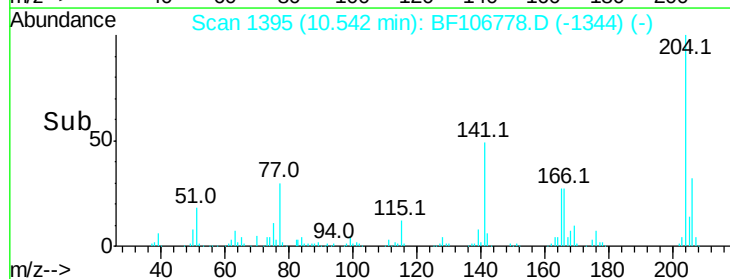
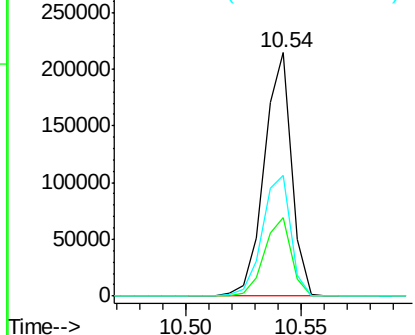


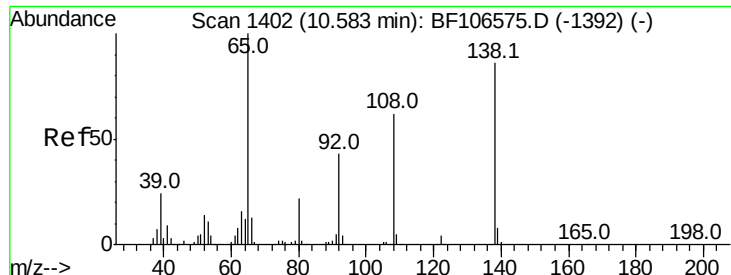
#60
4-Chlorophenyl-phenylether
Concen: 39.163 ng
RT: 10.54 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BF106778.D
Acq: 25 Jun 2018 18:23

Tgt Ion:204 Resp: 176034
Ion Ratio Lower Upper
204 100
206 32.4 26.5 39.7
141 49.3 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

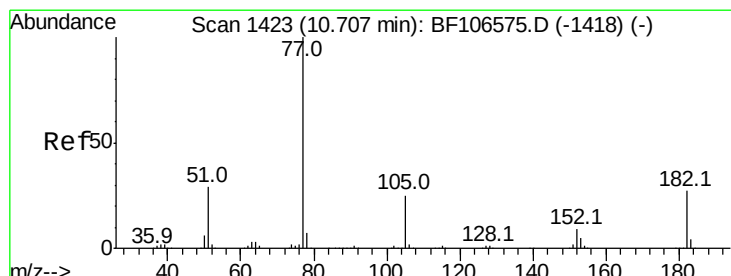
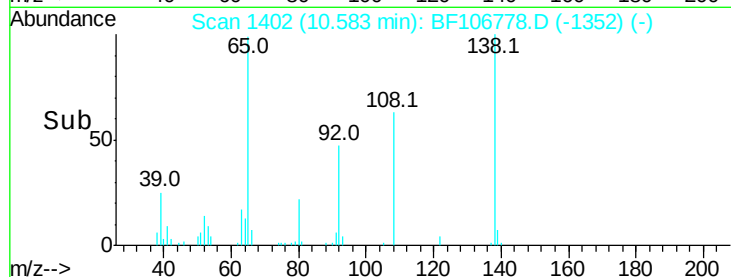
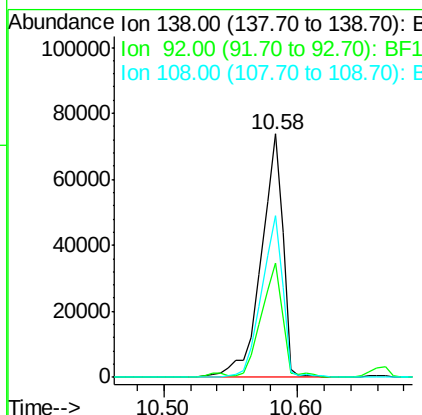
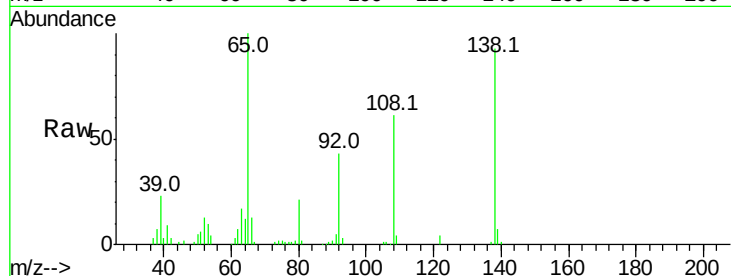




#61
4-Nitroaniline
Concen: 36.008 ng
RT: 10.58 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF106778.D
Acq: 25 Jun 2018 18:23

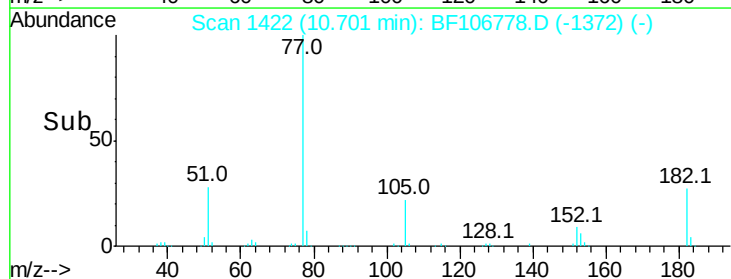
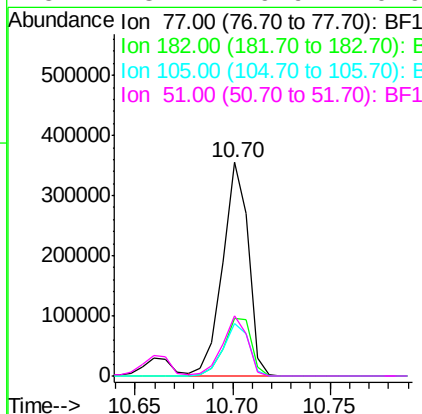
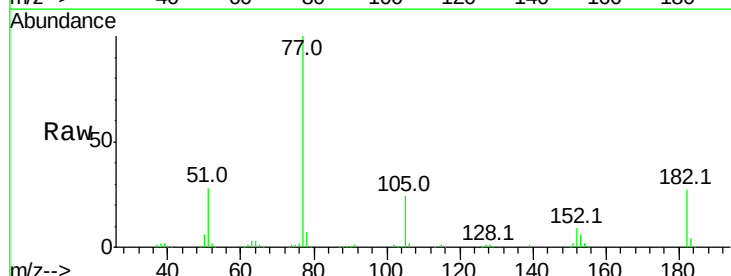
Instrument :
BNA_F
ClientSampleId :
PB110541BS

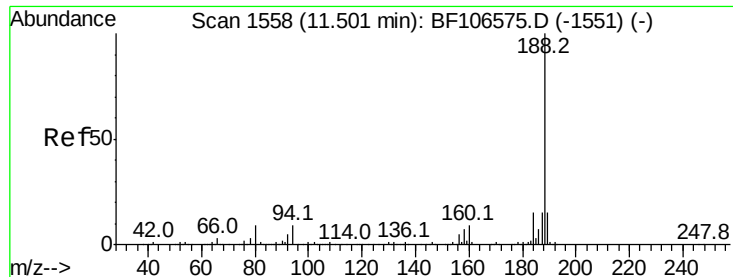
Tot Ion:138 Resp: 82793
Ion Ratio Lower Upper
138 100
92 46.8 30.2 70.2
108 66.3 52.5 92.5



#62
Azobenzene
Concen: 35.777 ng
RT: 10.70 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF106778.D
Acq: 25 Jun 2018 18:23

Tgt Ion: 77 Resp: 323303
Ion Ratio Lower Upper
77 100
182 27.2 1.7 41.7
105 24.3 3.0 43.0
51 28.1 9.9 49.9

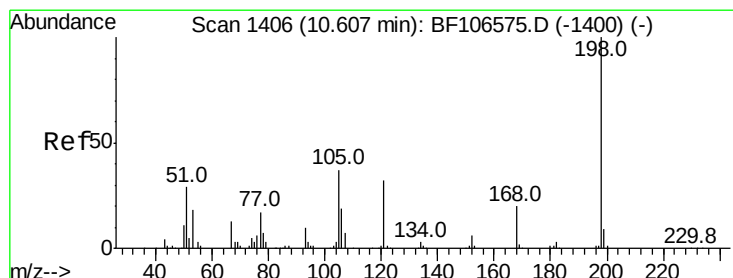
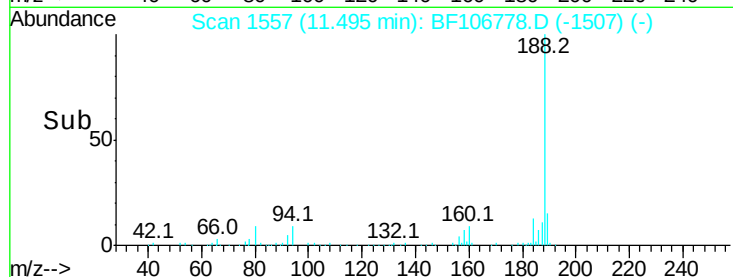
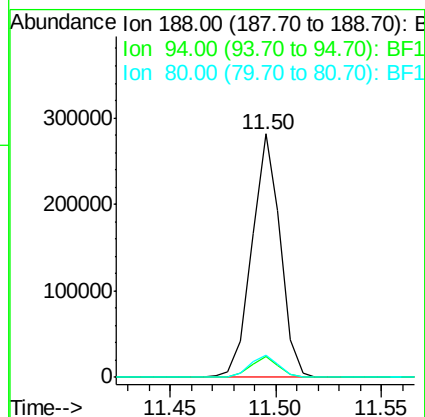
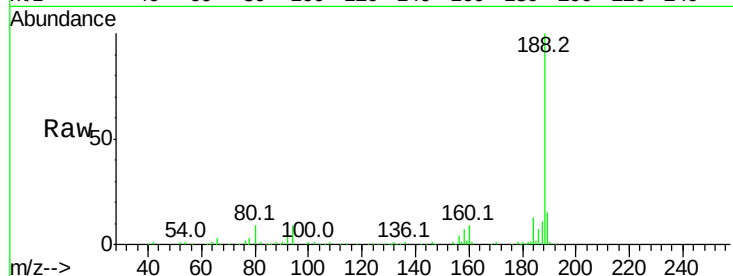




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF106778.D
 Acq: 25 Jun 2018 18:23

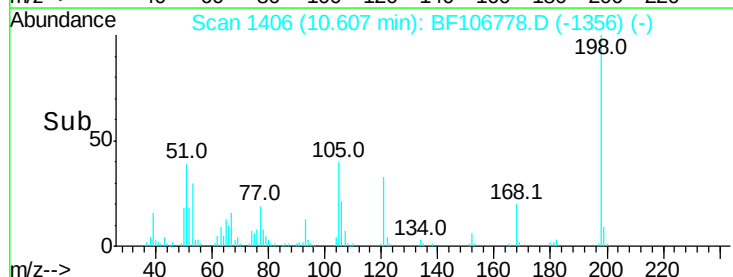
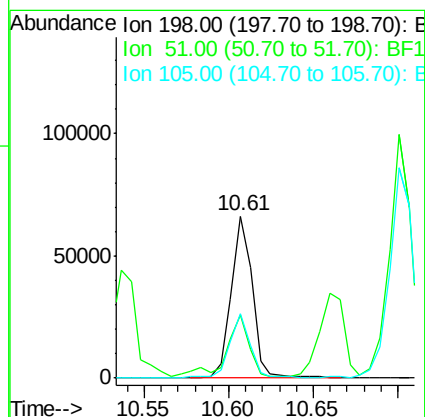
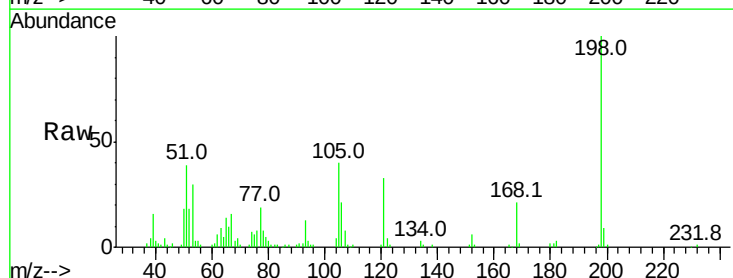
Instrument :
 BNA_F
 ClientSampleId :
 PB110541BS

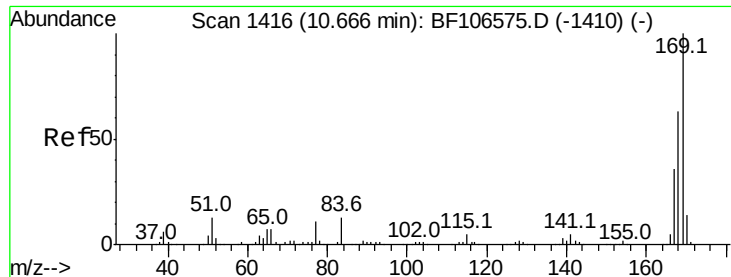
Tot Ion:188 Resp: 259953
 Ion Ratio Lower Upper
 188 100
 94 8.6 8.5 12.7
 80 9.1 9.2 13.8#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 35.834 ng
 RT: 10.61 min Scan# 1406
 Delta R.T. -0.01 min
 Lab File: BF106778.D
 Acq: 25 Jun 2018 18:23

Tgt Ion:198 Resp: 57581
 Ion Ratio Lower Upper
 198 100
 51 39.0 37.7 77.7
 105 39.8 36.3 76.3

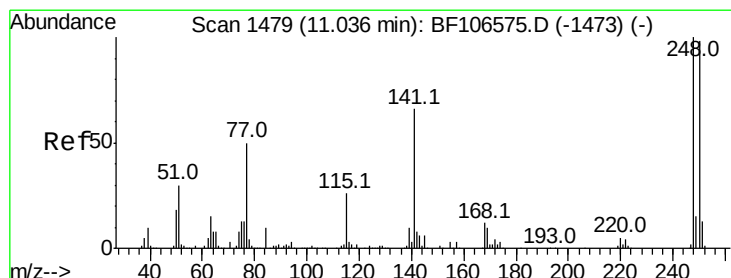
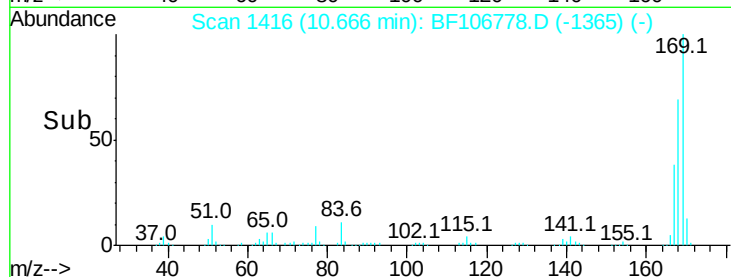
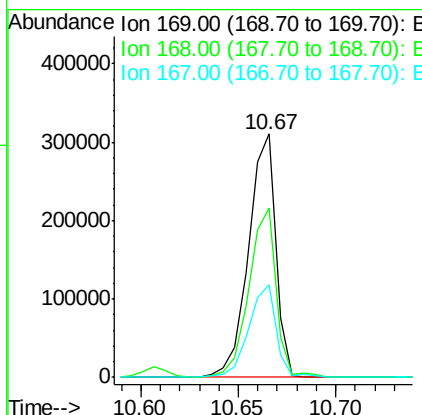
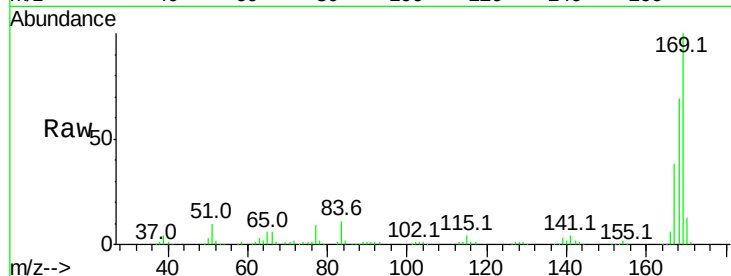




#65
 n-Nitrosodiphenylamine
 Concen: 34.394 ng
 RT: 10.67 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: BF106778.D
 Acq: 25 Jun 2018 18:23

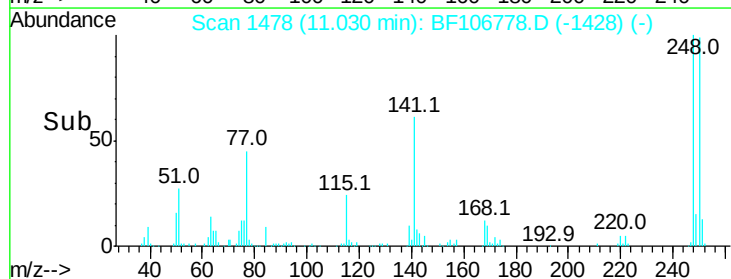
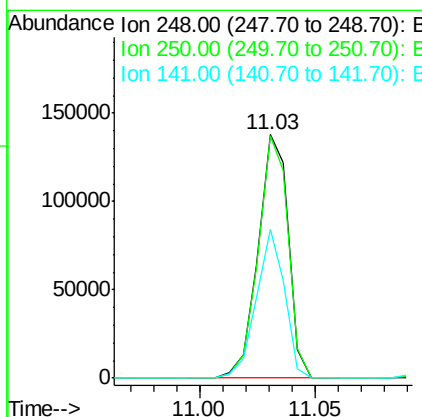
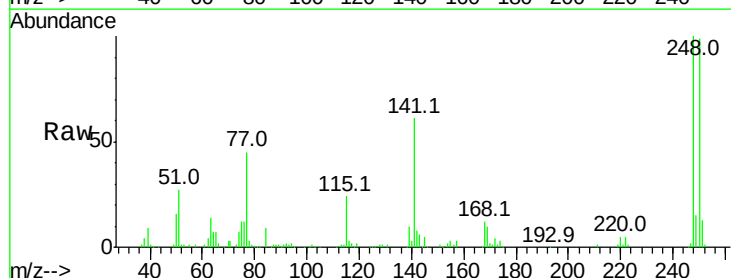
Instrument :
 BNA_F
 ClientSampleId :
 PB110541BS

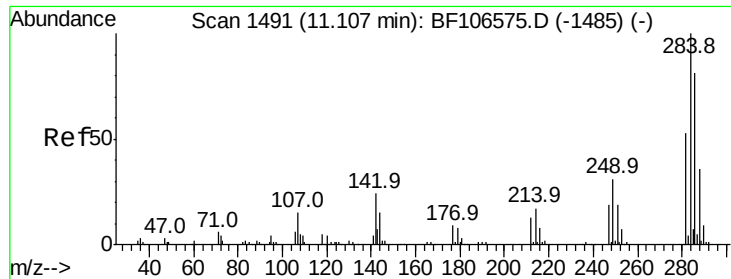
Tot Ion:169 Resp: 300726
 Ion Ratio Lower Upper
 169 100
 168 69.5 54.4 81.6
 167 37.9 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 40.544 ng
 RT: 11.03 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF106778.D
 Acq: 25 Jun 2018 18:23

Tgt Ion:248 Resp: 125784
 Ion Ratio Lower Upper
 248 100
 250 99.4 76.9 115.3
 141 61.0 74.4 111.6#

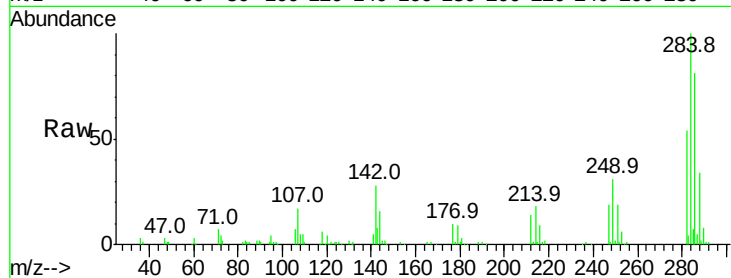




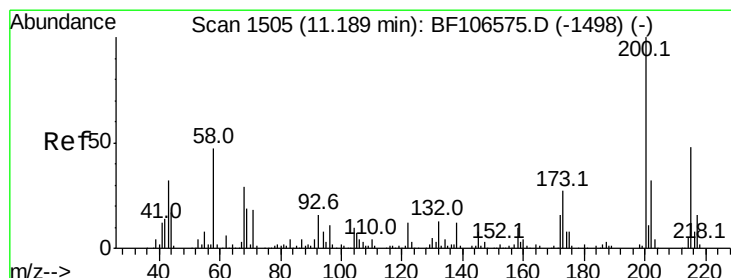
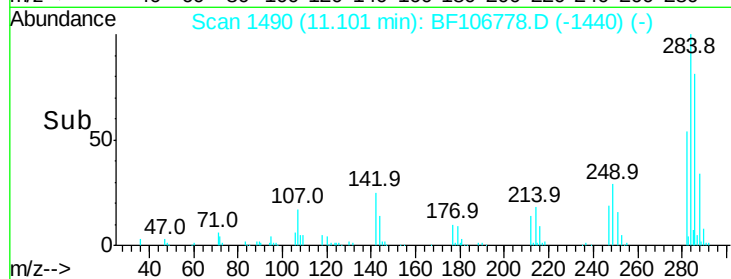
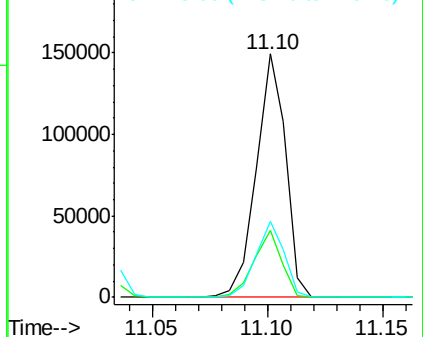
#67
Hexachlorobenzene
Concen: 40.794 ng
RT: 11.10 min Scan# 1490
Delta R.T. -0.01 min
Lab File: BF106778.D
Acq: 25 Jun 2018 18:23

Instrument :
BNA_F
ClientSampleId :
PB110541BS

Tot Ion:284 Resp: 132463
Ion Ratio Lower Upper
284 100
142 27.5 34.6 52.0#
249 30.9 24.8 37.2

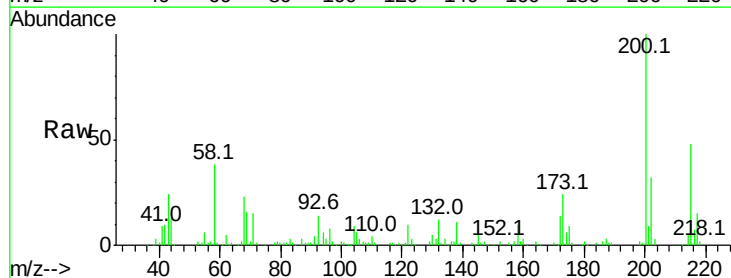


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

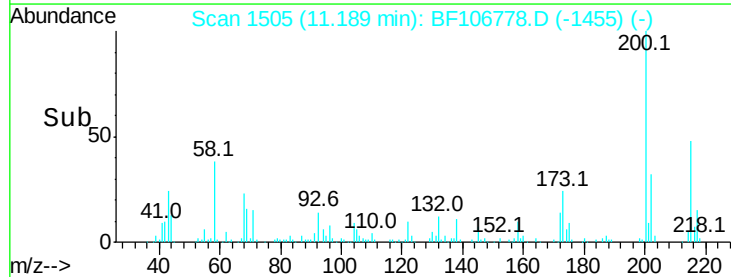
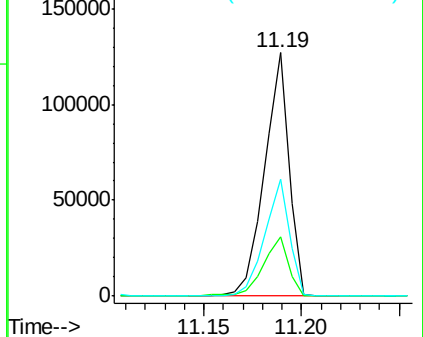


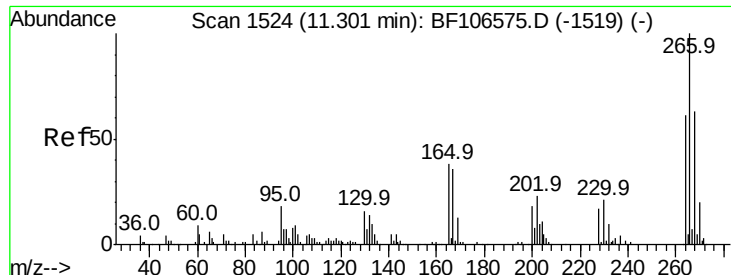
#68
Atrazine
Concen: 39.870 ng
RT: 11.19 min Scan# 1505
Delta R.T. -0.01 min
Lab File: BF106778.D
Acq: 25 Jun 2018 18:23

Tgt Ion:200 Resp: 110823
Ion Ratio Lower Upper
200 100
173 24.3 8.6 48.6
215 47.9 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

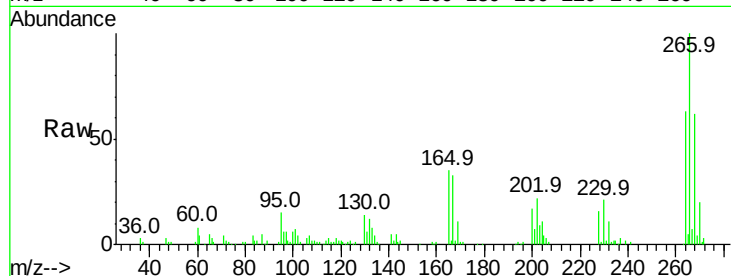




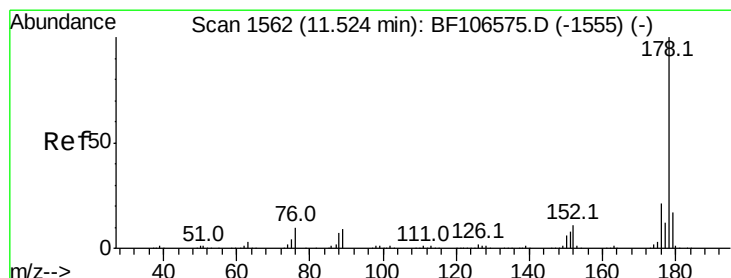
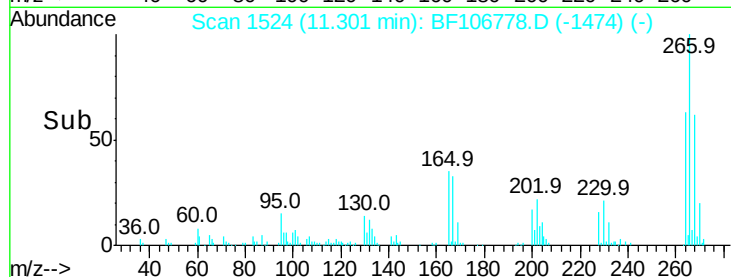
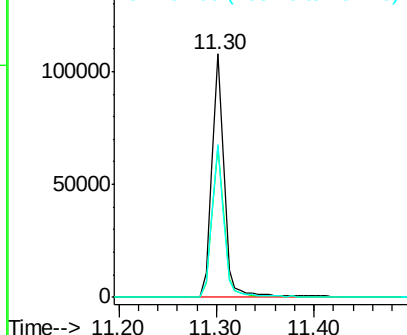
#69
 Pentachlorophenol
 Concen: 59.763 ng
 RT: 11.30 min Scan# 1524
 Delta R.T. -0.01 min
 Lab File: BF106778.D
 Acq: 25 Jun 2018 18:23

Instrument :
 BNA_F
 ClientSampleId :
 PB110541BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.7	51.1	76.7
264	62.6	49.5	74.3

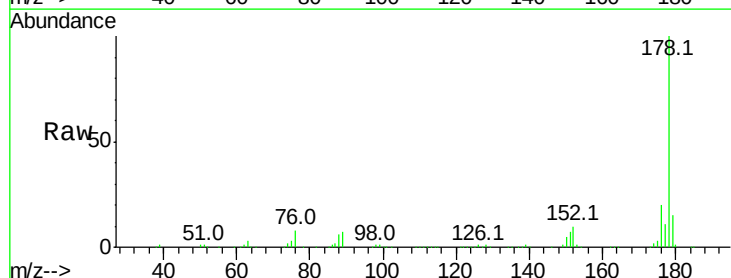


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

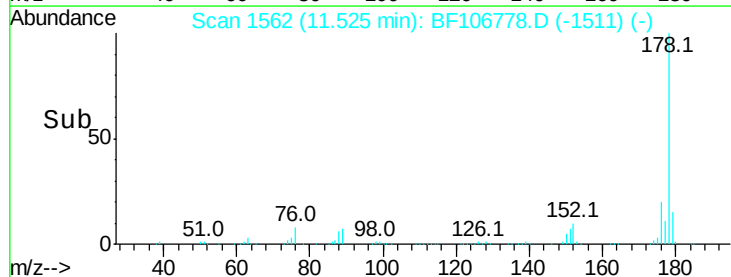
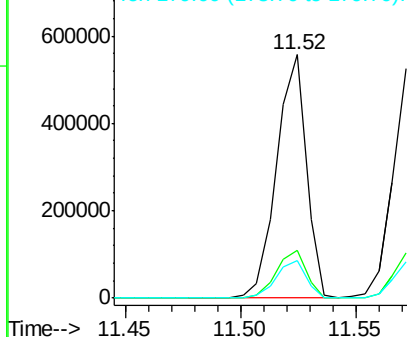


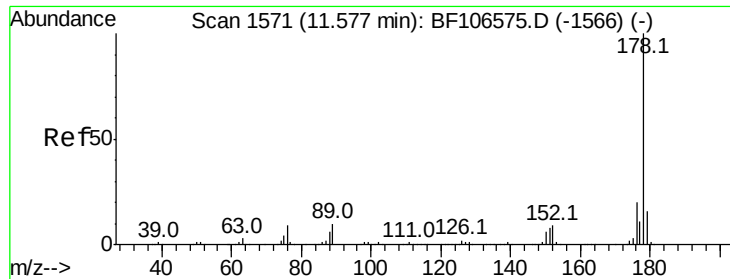
#70
 Phenanthrene
 Concen: 39.726 ng
 RT: 11.52 min Scan# 1562
 Delta R.T. 0.00 min
 Lab File: BF106778.D
 Acq: 25 Jun 2018 18:23

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.3	13.0	19.6



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

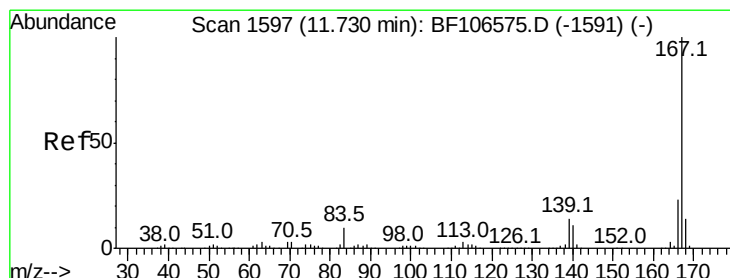
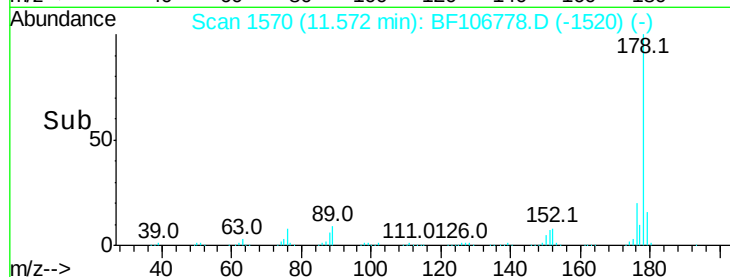
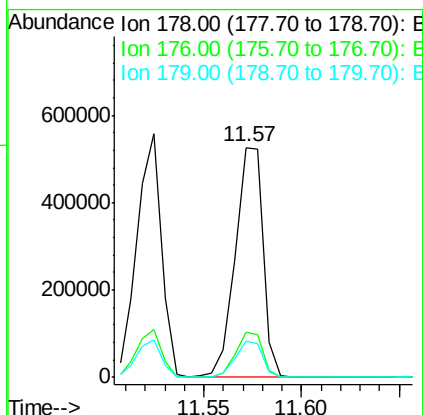
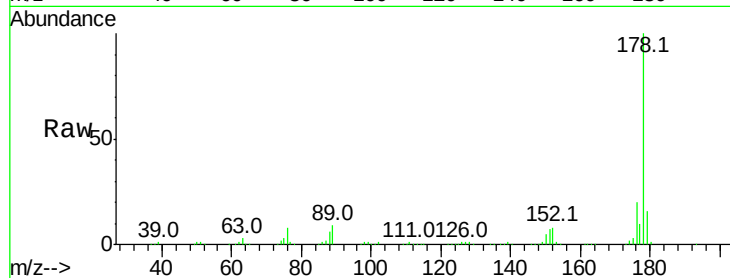




#71
 Anthracene
 Concen: 40.688 ng
 RT: 11.57 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF106778.D
 Acq: 25 Jun 2018 18:23

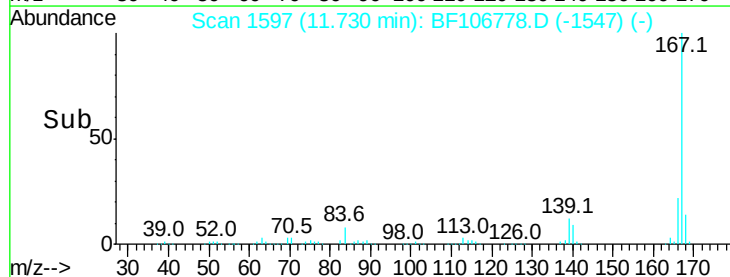
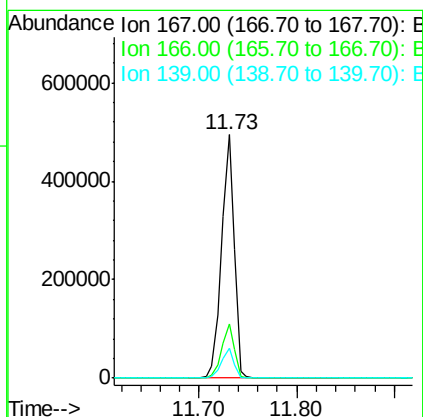
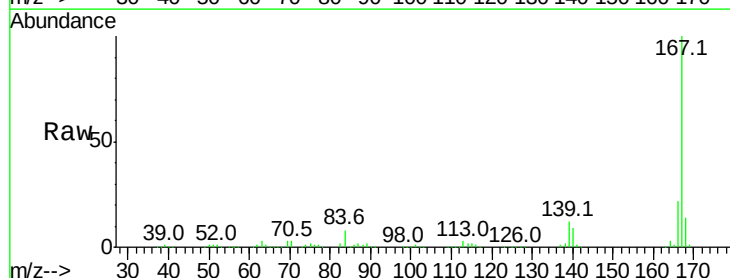
Instrument :
 BNA_F
 ClientSampleId :
 PB110541BS

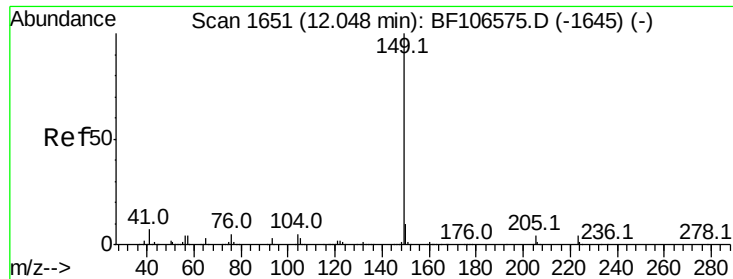
Tot Ion:178 Resp: 520714
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.4 23.2
 179 15.6 12.6 19.0



#72
 Carbazole
 Concen: 37.328 ng
 RT: 11.73 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF106778.D
 Acq: 25 Jun 2018 18:23

Tgt Ion:167 Resp: 447256
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 12.2 10.9 16.3





#73

Di-n-butylphthalate

Concen: 37.231 ng

RT: 12.04 min Scan# 1650

Delta R.T. 0.00 min

Lab File: BF106778.D

Acq: 25 Jun 2018 18:23

Instrument :

BNA_F

ClientSampleId :

PB110541BS

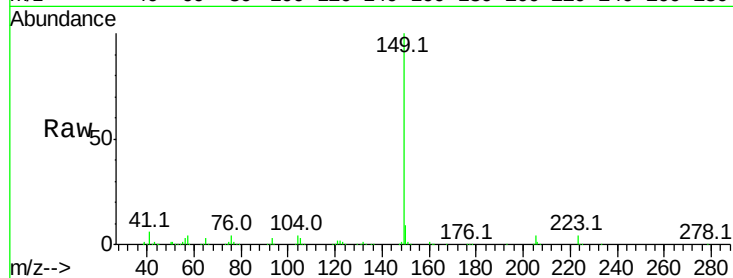
Tot Ion:149 Resp: 525532

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

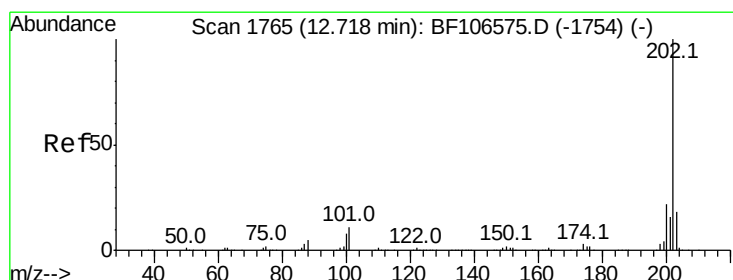
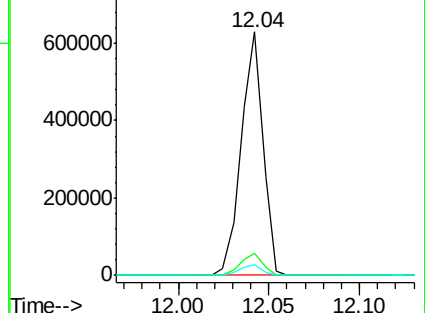
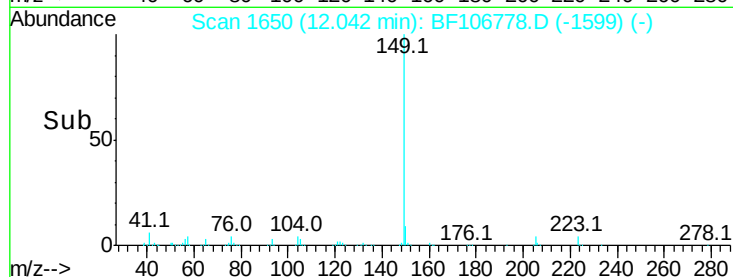
104 4.5 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.214 ng

RT: 12.71 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BF106778.D

Acq: 25 Jun 2018 18:23

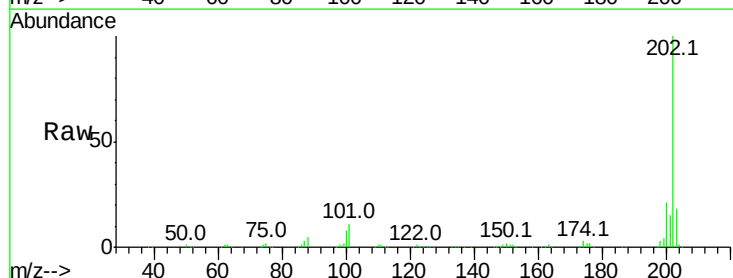
Tgt Ion:202 Resp: 541913

Ion Ratio Lower Upper

202 100

101 10.6 0.0 34.1

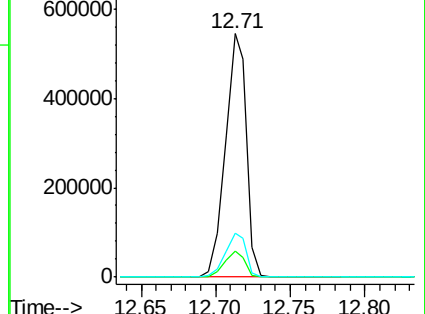
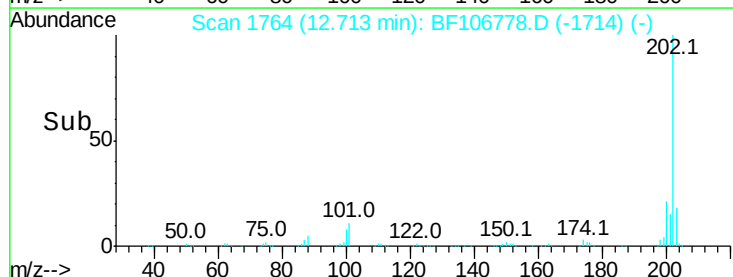
203 18.2 0.0 38.1

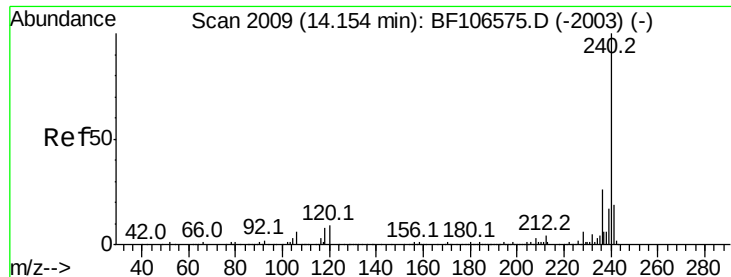


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF106778.D

Acq: 25 Jun 2018 18:23

Instrument :

BNA_F

ClientSampleId :

PB110541BS

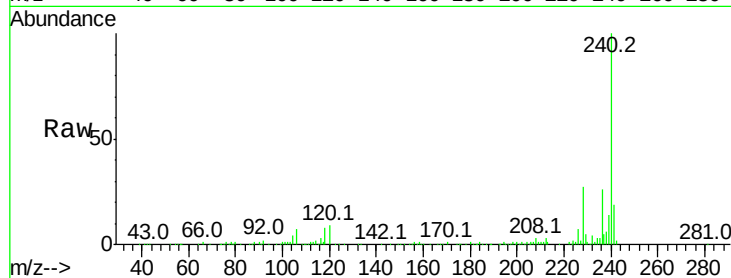
Tot Ion:240 Resp: 181048

Ion Ratio Lower Upper

240 100

120 9.0 9.5 14.3#

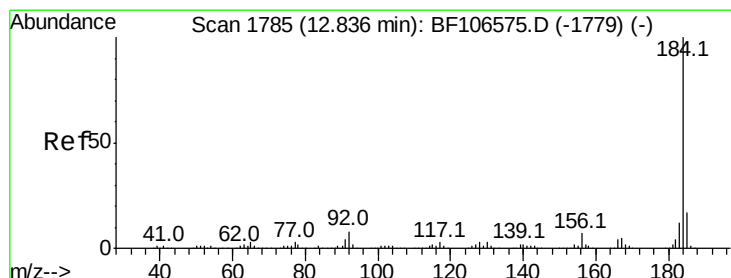
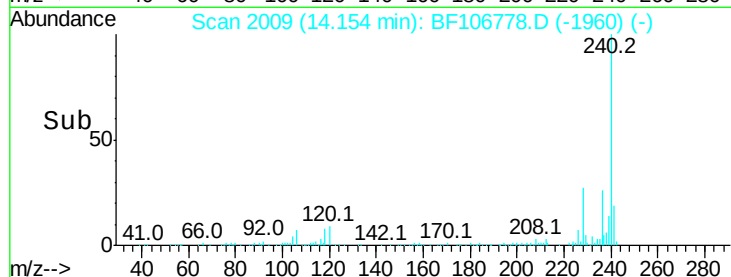
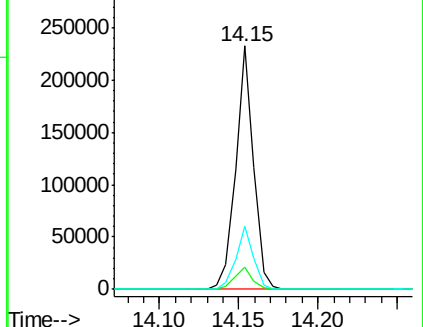
236 25.8 20.7 31.1



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: 35.900 ng

RT: 12.83 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF106778.D

Acq: 25 Jun 2018 18:23

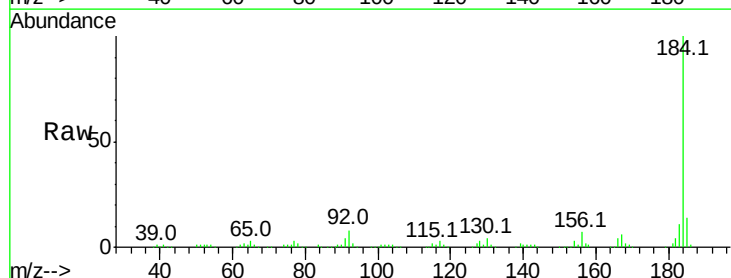
Tgt Ion:184 Resp: 185108

Ion Ratio Lower Upper

184 100

185 13.9 12.6 18.8

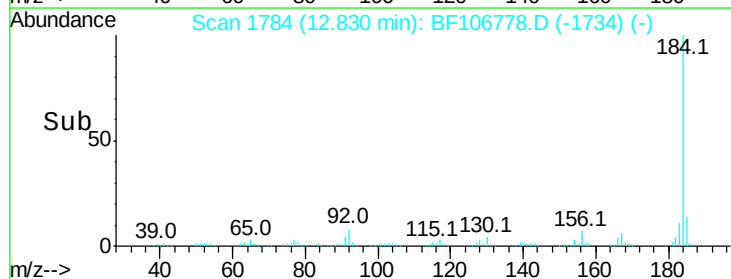
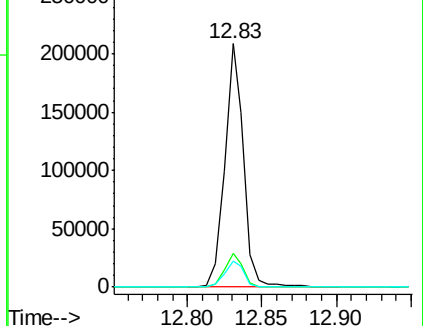
183 10.9 9.3 13.9

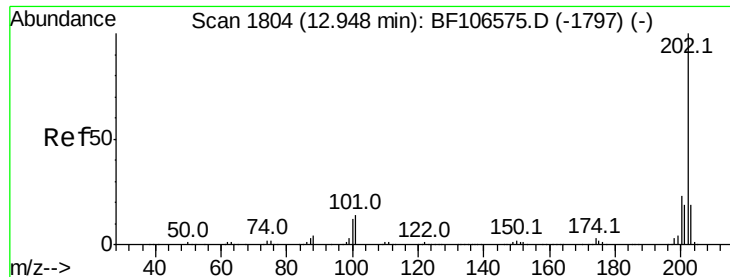


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

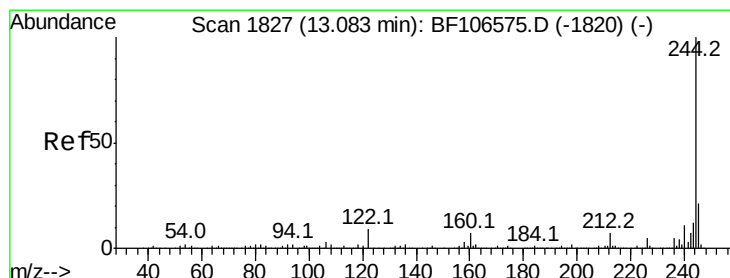
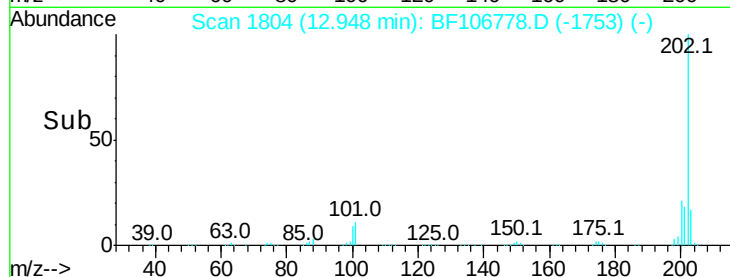
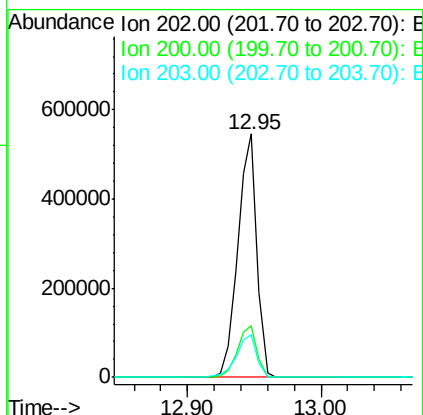
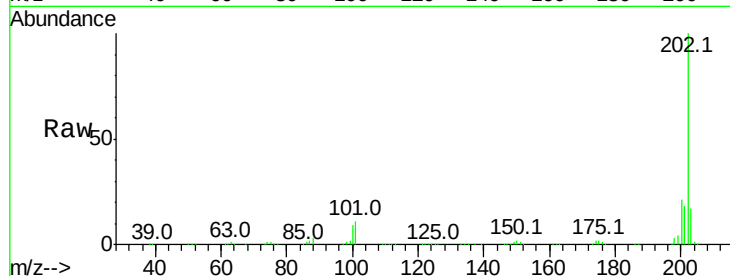




#77
 Pvrene
 Concen: 45.201 ng
 RT: 12.95 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: BF106778.D
 Acq: 25 Jun 2018 18:23

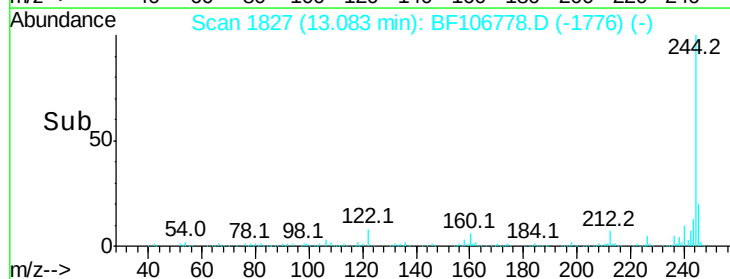
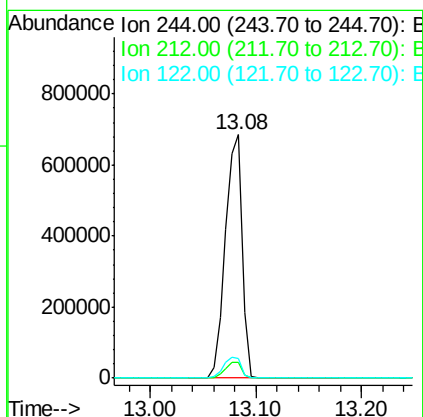
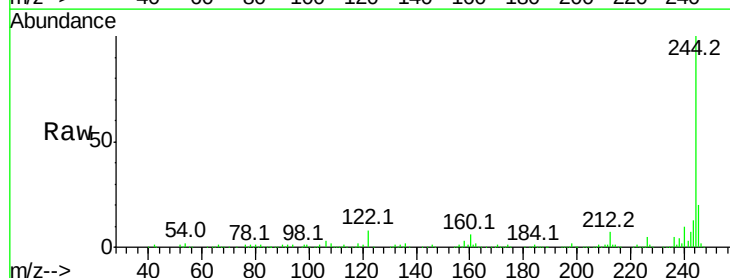
Instrument :
 BNA_F
 ClientSampleId :
 PB110541BS

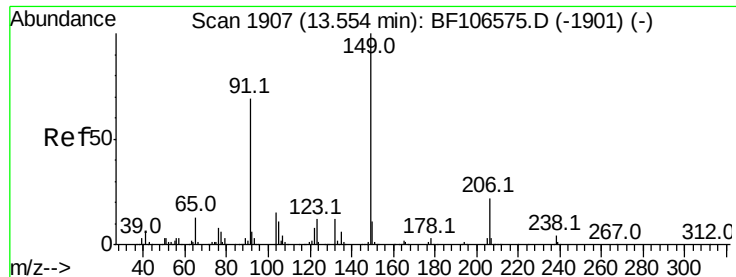
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	17.4	14.3	21.5



#78
 Terphenyl-d14
 Concen: 100.924 ng
 RT: 13.08 min Scan# 1827
 Delta R.T. 0.00 min
 Lab File: BF106778.D
 Acq: 25 Jun 2018 18:23

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	8.2	11.0	16.4





#79

Butylbenzylphthalate

Concen: 41.437 ng

RT: 13.55 min Scan# 1906

Delta R.T. -0.01 min

Lab File: BF106778.D

Acq: 25 Jun 2018 18:23

Instrument :

BNA_F

ClientSampleId :

PB110541BS

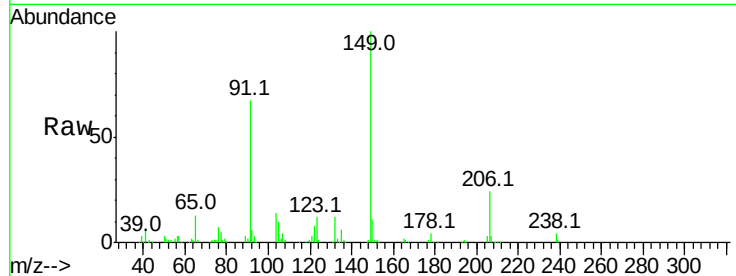
Tot Ion:149 Resp: 203399

Ion Ratio Lower Upper

149 100

91 67.0 56.8 85.2

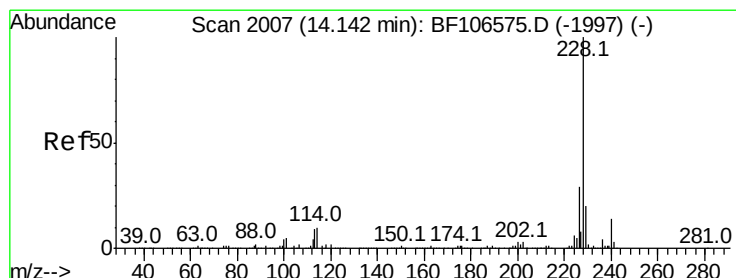
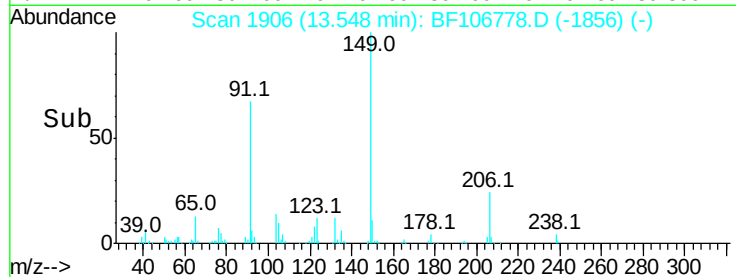
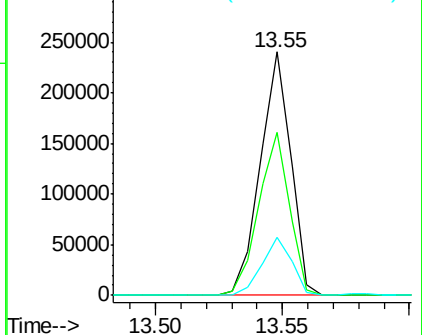
206 23.6 14.1 21.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 39.711 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF106778.D

Acq: 25 Jun 2018 18:23

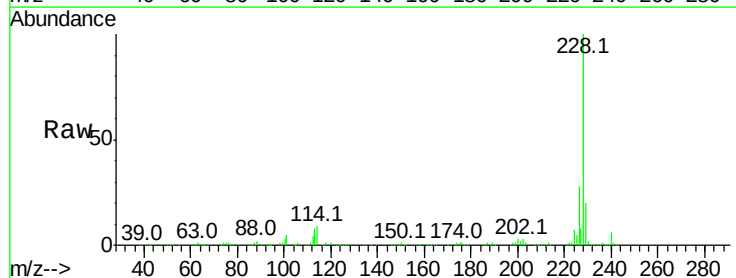
Tgt Ion:228 Resp: 438183

Ion Ratio Lower Upper

228 100

226 28.0 22.6 33.8

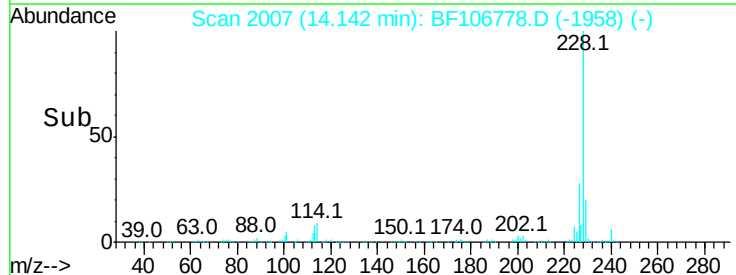
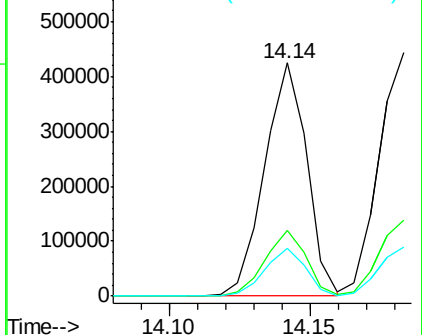
229 20.3 15.8 23.6

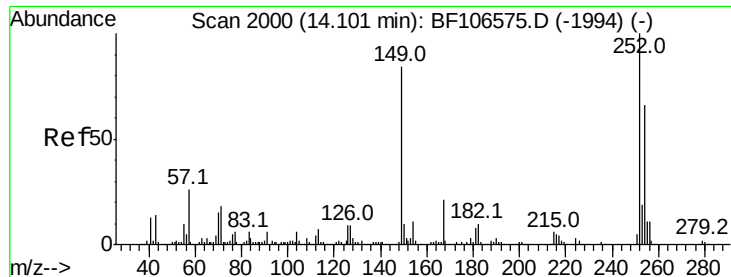


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

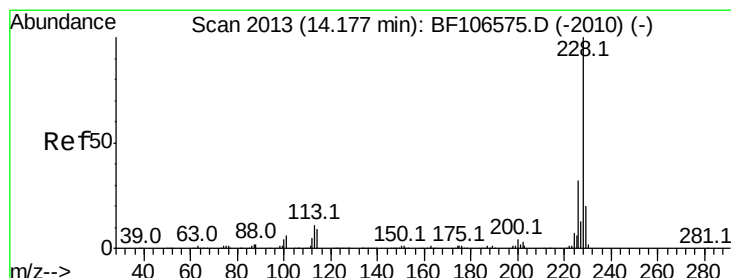
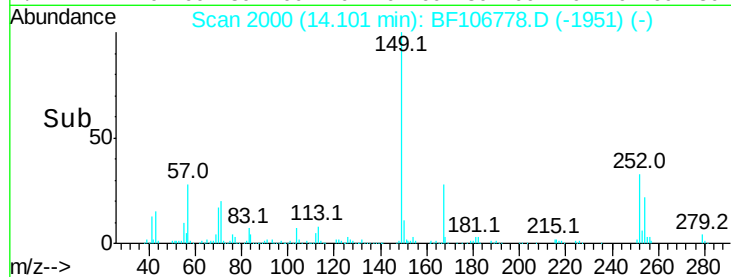
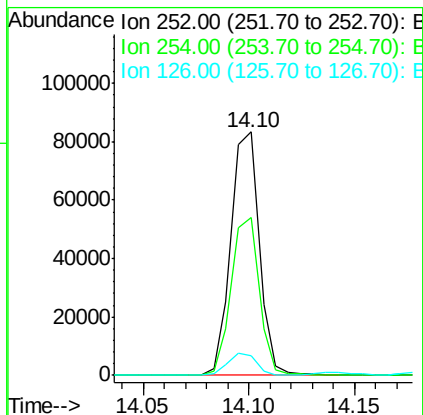
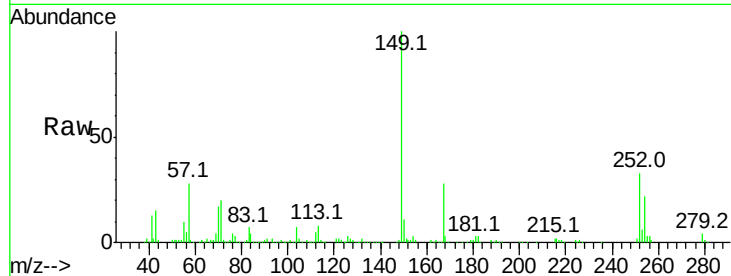




#81
 3,3'-Dichlorobenzidine
 Concen: 19.951 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF106778.D
 Acq: 25 Jun 2018 18:23

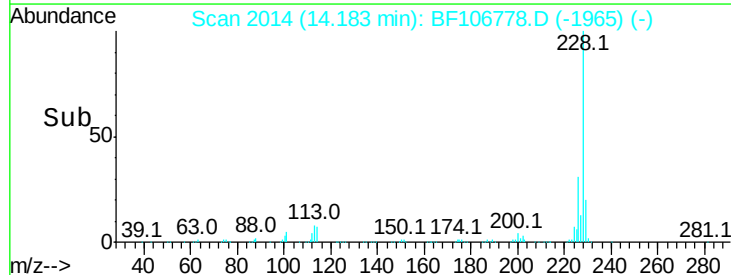
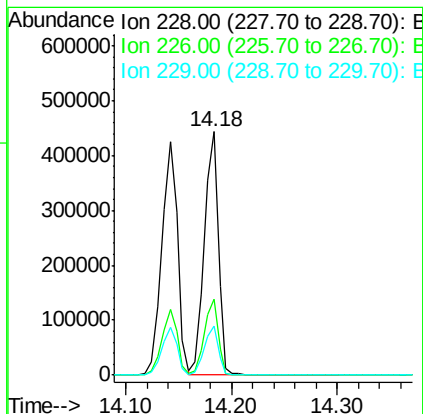
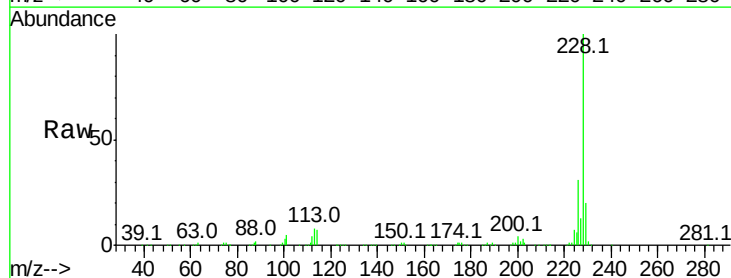
Instrument :
 BNA_F
 ClientSampleId :
 PB110541BS

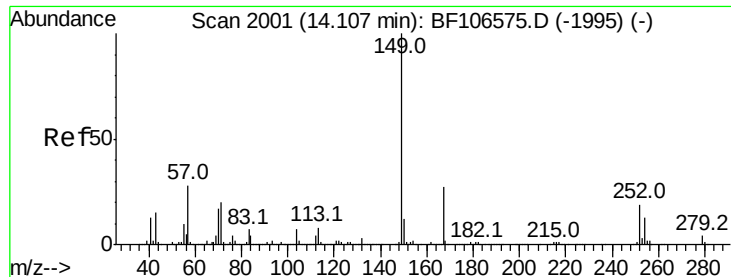
Tot Ion:252 Resp: 77374
 Ion Ratio Lower Upper
 252 100
 254 64.7 50.4 75.6
 126 8.2 11.3 16.9#



#82
 Chrysene
 Concen: 40.292 ng
 RT: 14.18 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF106778.D
 Acq: 25 Jun 2018 18:23

Tgt Ion:228 Resp: 409028
 Ion Ratio Lower Upper
 228 100
 226 31.0 25.0 37.6
 229 19.9 16.2 24.4

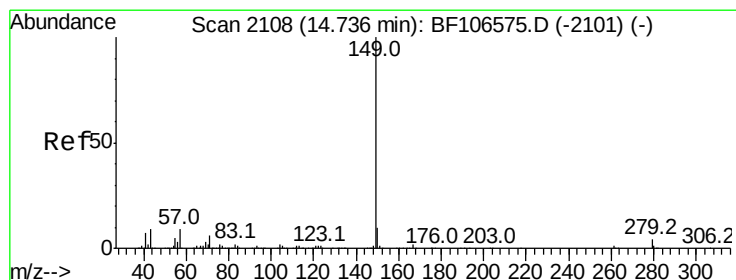
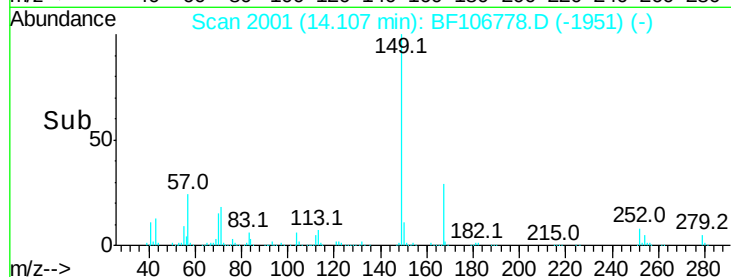
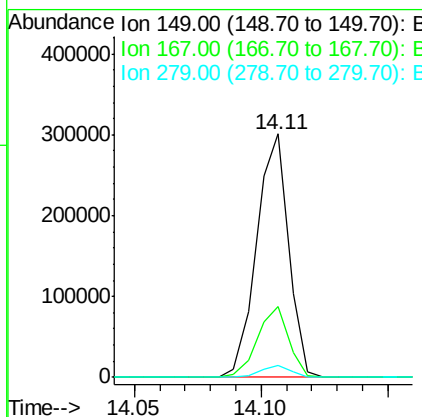
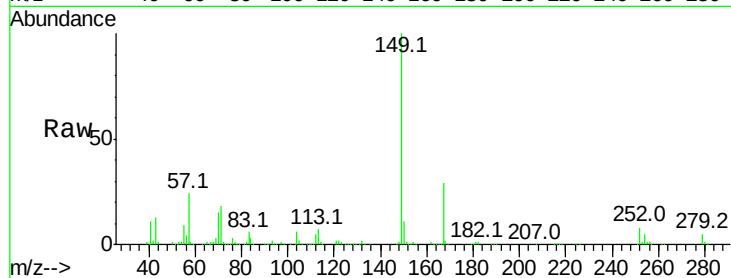




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.455 ng
 RT: 14.11 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF106778.D
 Acq: 25 Jun 2018 18:23

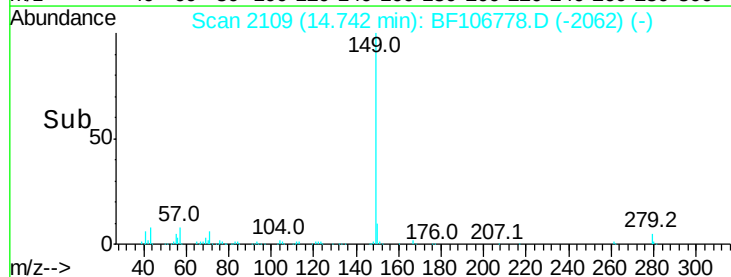
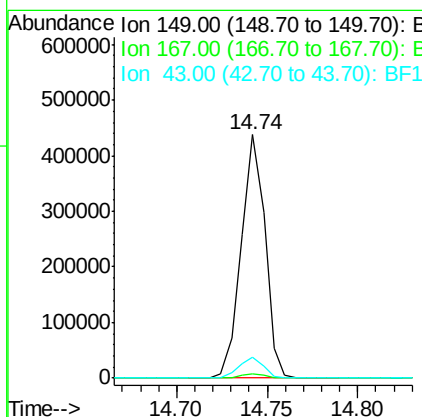
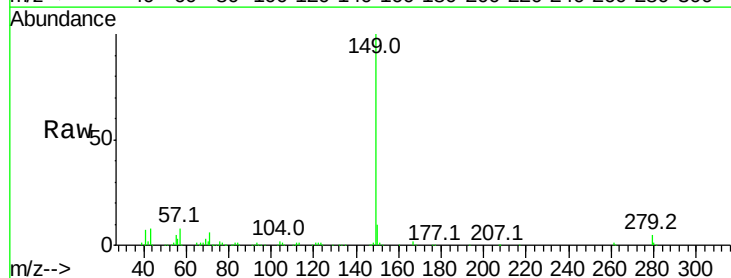
Instrument :
 BNA_F
 ClientSampleId :
 PB110541BS

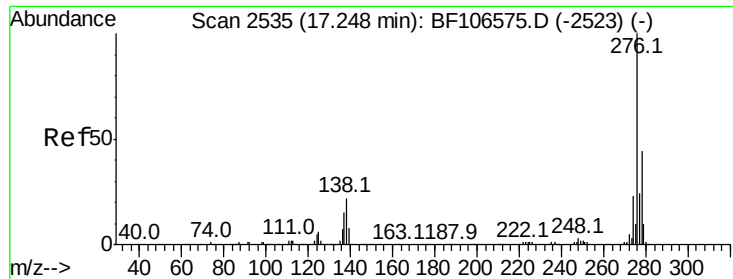
Tot Ion	Ratio	Lower	Upper
149	100		
167	28.9	21.3	31.9
279	5.0	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 39.261 ng
 RT: 14.74 min Scan# 2109
 Delta R.T. -0.02 min
 Lab File: BF106778.D
 Acq: 25 Jun 2018 18:23

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	8.5	8.4	12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 51.007 ng

RT: 17.28 min Scan# 2541

Delta R.T. -0.02 min

Lab File: BF106778.D

Acq: 25 Jun 2018 18:23

Instrument :

BNA_F

ClientSampleId :

PB110541BS

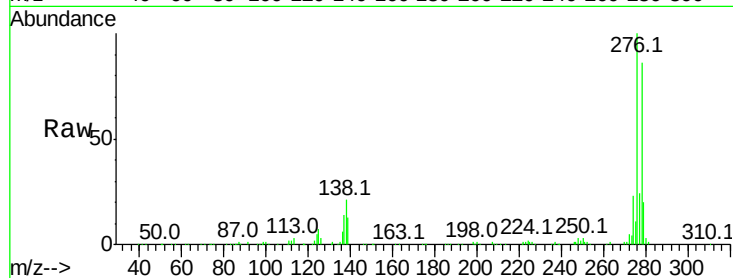
Tot Ion:276 Resp: 439418

Ion Ratio Lower Upper

276 100

138 20.8 25.0 37.6#

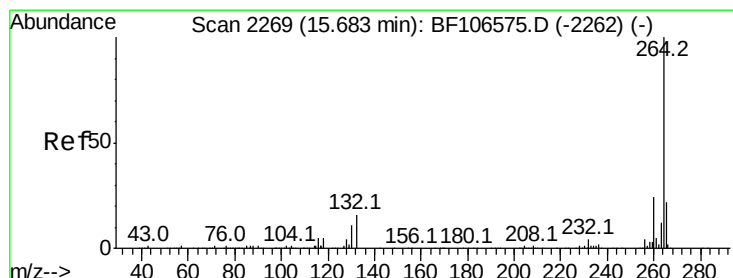
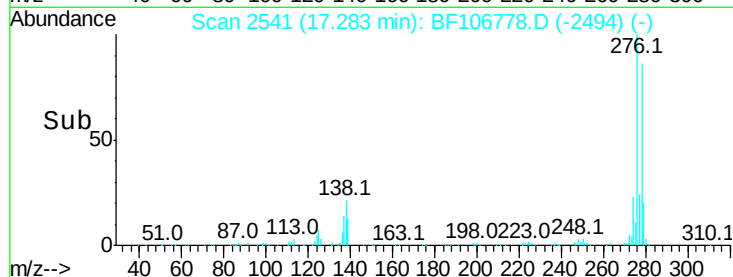
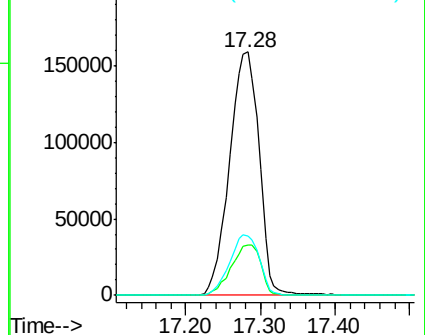
277 25.0 20.1 30.1



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# 2271

Delta R.T. -0.02 min

Lab File: BF106778.D

Acq: 25 Jun 2018 18:23

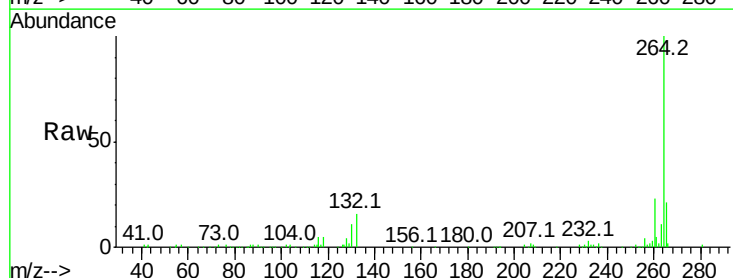
Tgt Ion:264 Resp: 160913

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

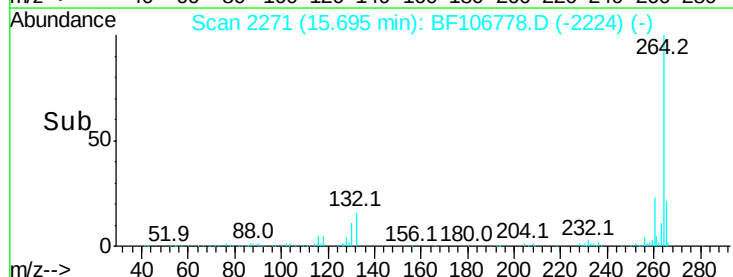
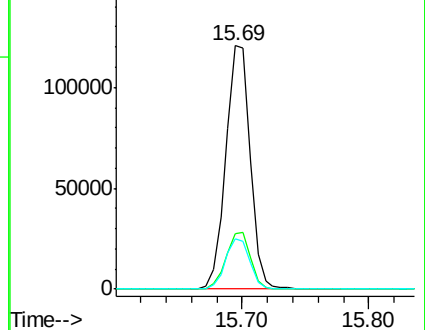
265 20.7 17.5 26.3

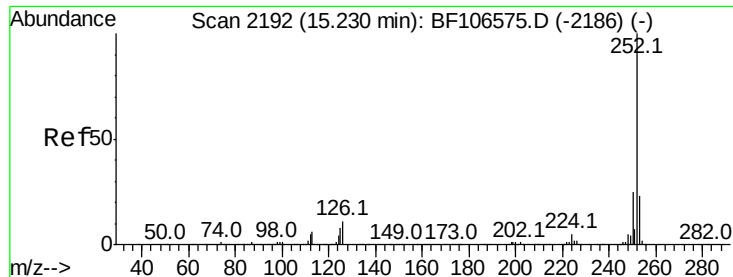


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 36.641 ng

RT: 15.24 min Scan# 2194

Delta R.T. -0.02 min

Lab File: BF106778.D

Acq: 25 Jun 2018 18:23

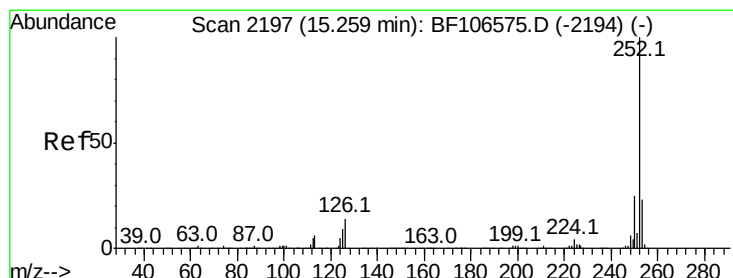
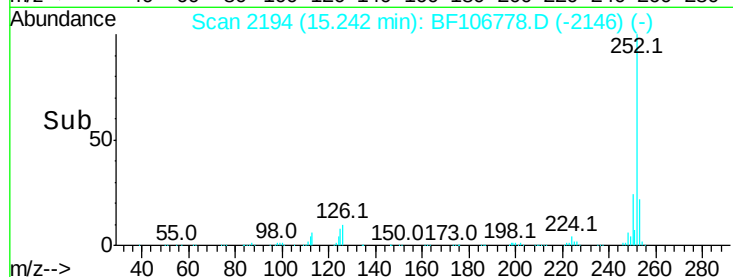
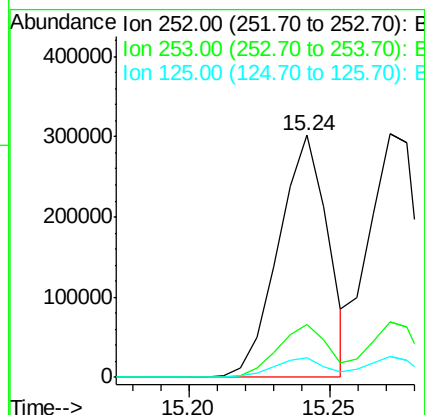
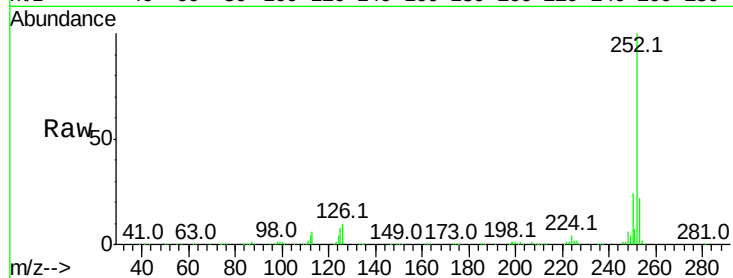
Instrument :

BNA_F

ClientSampleId :

PB110541BS

Tot Ion:252	Resp:	366255
Ion Ratio	Lower	Upper
252	100	
253	21.7	17.0 25.6
125	8.0	9.0 13.6#



#88

Benzo(k)fluoranthene

Concen: 38.268 ng

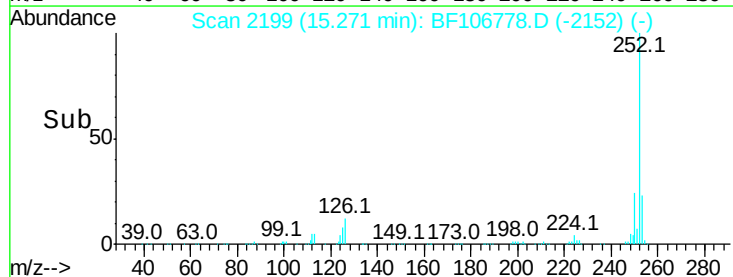
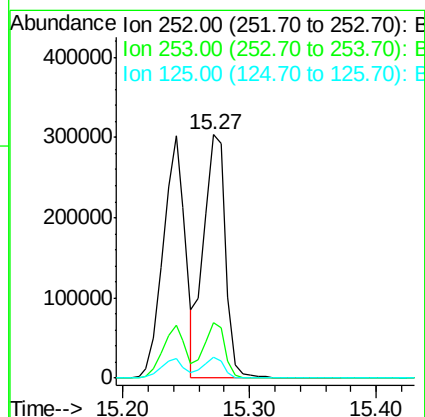
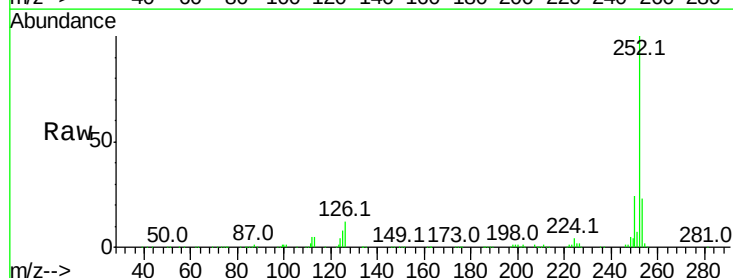
RT: 15.27 min Scan# 2199

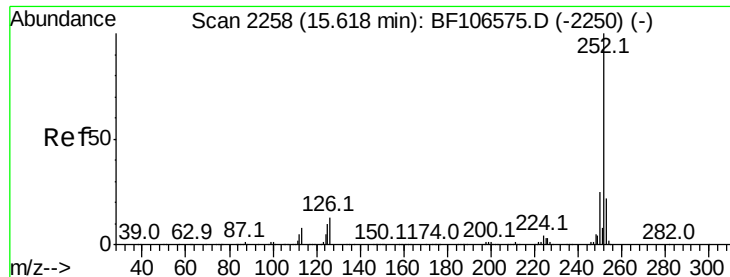
Delta R.T. -0.02 min

Lab File: BF106778.D

Acq: 25 Jun 2018 18:23

Tgt Ion:252	Resp:	364274
Ion Ratio	Lower	Upper
252	100	
253	22.5	17.9 26.9
125	8.3	10.2 15.2#





#89

Benzo(a)pyrene

Concen: 40.339 ng

RT: 15.64 min Scan# 2261

Delta R.T. -0.02 min

Lab File: BF106778.D

Acq: 25 Jun 2018 18:23

Instrument :

BNA_F

ClientSampleId :

PB110541BS

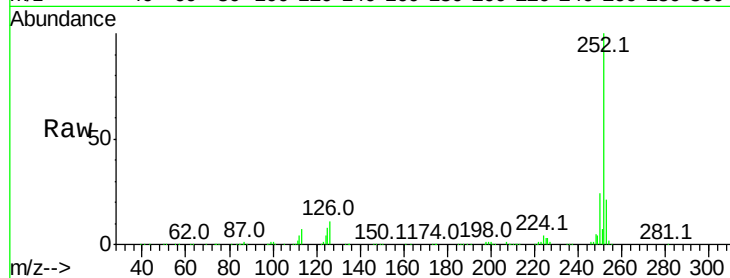
Tot Ion:252 Resp: 358453

Ion Ratio Lower Upper

252 100

253 21.3 17.1 25.7

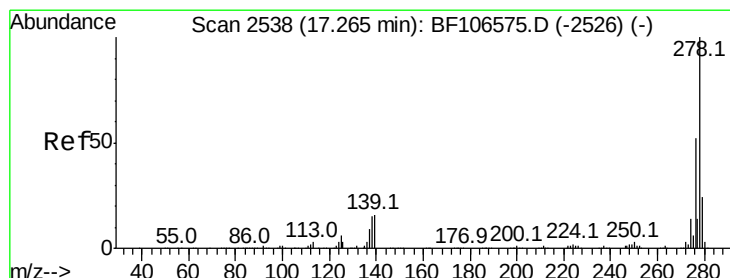
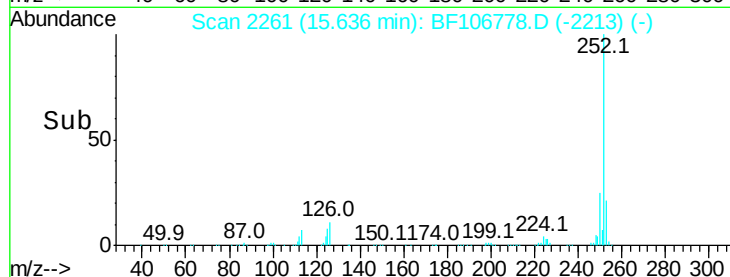
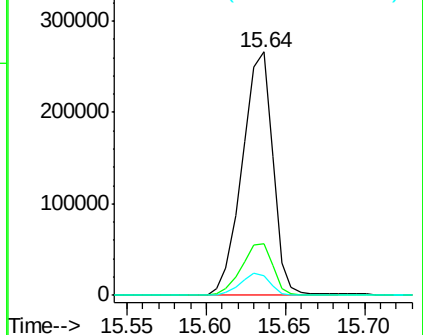
125 8.2 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 48.149 ng

RT: 17.29 min Scan# 2543

Delta R.T. -0.03 min

Lab File: BF106778.D

Acq: 25 Jun 2018 18:23

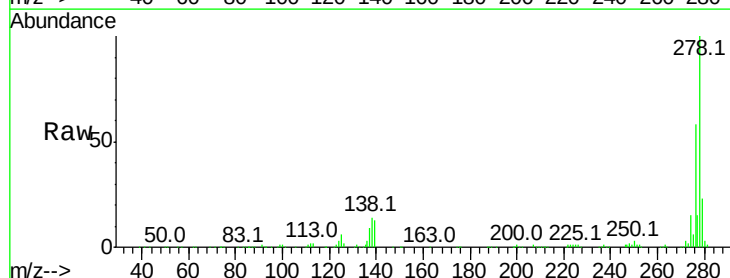
Tgt Ion:278 Resp: 362606

Ion Ratio Lower Upper

278 100

139 13.5 15.9 23.9#

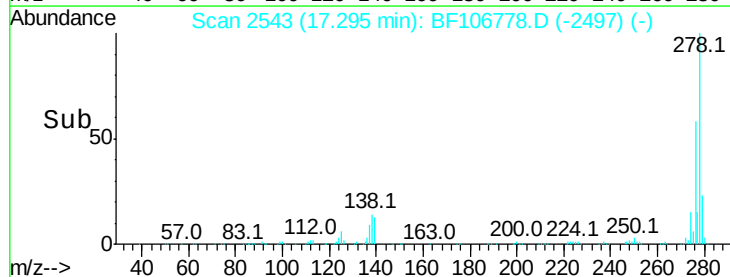
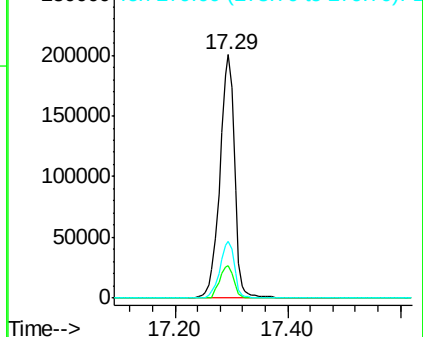
279 23.3 19.0 28.4

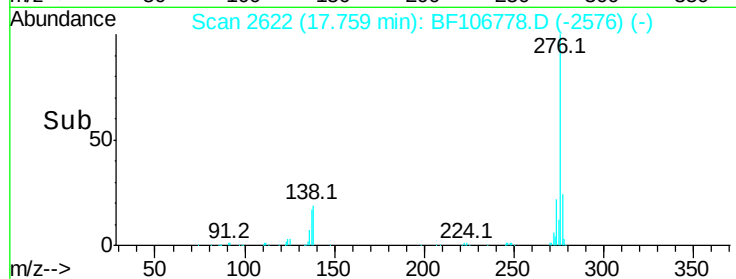
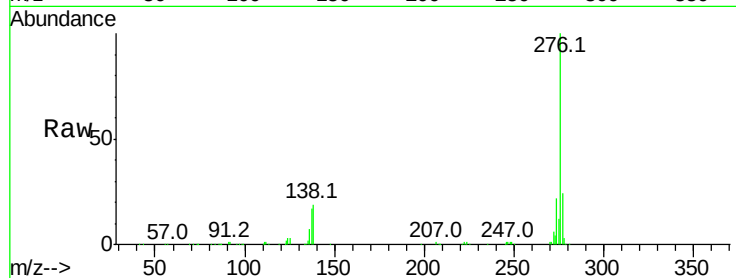
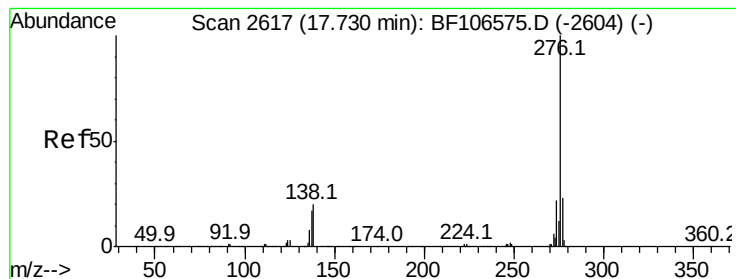


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 51.267 ng

RT: 17.76 min Scan# 2622

Delta R.T. -0.03 min

Lab File: BF106778.D

Acq: 25 Jun 2018 18:23

Instrument :

BNA_F

ClientSampleId :

PB110541BS

Tot Ion:276 Resp: 377364

Ion Ratio Lower Upper

276 100

277 23.9 17.9 26.9

138 18.9 21.8 32.8#

