

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062618\
 Data File : BF106848.D
 Acq On : 27 Jun 2018 3:21
 Operator : JU/SJ
 Sample : PB110514BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110514BS

Quant Time: Jun 27 04:41:54 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	42319	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	150739	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	68647	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	125334	20.00	ng	0.00
75) Chrysene-d12	14.15	240	115275	20.00	ng	-0.02
86) Perylene-d12	15.68	264	85963	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	215868	86.38	ng	0.00
7) Phenol-d6	6.61	99	264241	84.67	ng	0.00
23) Nitrobenzene-d5	7.52	82	243003	89.59	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	70328	88.39	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	444171	114.67	ng	0.00
78) Terphenyl-d14	13.08	244	492674	103.53	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.88	88	43686	34.001	ng	99
3) Pyridine	3.65	79	128916	36.996	ng	95
4) n-Nitrosodimethylamine	3.62	42	51894	35.063	ng	87
6) Aniline	6.62	93	44928	10.612	ng	# 26
8) 2-Chlorophenol	6.75	128	113869	41.541	ng	96
9) Benzaldehyde	6.51	77	53705	22.429	ng	97
10) Phenol	6.62	94	138418	38.862	ng	94
11) bis(2-Chloroethyl)ether	6.70	93	115023	39.118	ng	98
12) 1,3-Dichlorobenzene	6.90	146	137800	42.922	ng	98
13) 1,4-Dichlorobenzene	6.98	146	137549	42.378	ng	98
14) 1,2-Dichlorobenzene	7.13	146	127291	42.792	ng	98
15) Benzyl Alcohol	7.10	79	97760	39.010	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.23	45	159909	41.449	ng	76
17) 2-Methylphenol	7.22	107	94536	40.300	ng	# 90
18) Hexachloroethane	7.47	117	39384	34.504	ng	89
19) n-Nitroso-di-n-propylamine	7.37	70	79457	38.623	ng	93
20) 3+4-Methylphenols	7.38	107	120843	48.909	ng	95
22) Acetophenone	7.37	105	155149	46.005	ng	98
24) Nitrobenzene	7.55	77	118982	42.965	ng	97
25) Isophorone	7.78	82	215343	45.054	ng	98
26) 2-Nitrophenol	7.86	139	48669	37.229	ng	95
27) 2,4-Dimethylphenol	7.90	122	99457	49.221	ng	98
28) bis(2-Chloroethoxy)methane	7.98	93	140632	43.822	ng	99
29) 2,4-Dichlorophenol	8.11	162	93465	44.182	ng	92
30) 1,2,4-Trichlorobenzene	8.18	180	112691	48.357	ng	98
31) Naphthalene	8.27	128	322332	45.737	ng	99
32) Benzoic acid	8.04	122	12803	13.402	ng	93
33) 4-Chloroaniline	8.31	127	20201	6.831	ng	98
34) Hexachlorobutadiene	8.37	225	76423	50.328	ng	97
35) Caprolactam	8.68	113	24001	34.806	ng	93
36) 4-Chloro-3-methylphenol	8.81	107	92671	41.619	ng	94
37) 2-Methylnaphthalene	8.95	142	227140	48.625	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	116176	50.253	ng	# 95
40) Hexachlorocyclopentadiene	9.10	237	10146	8.530	ng	99

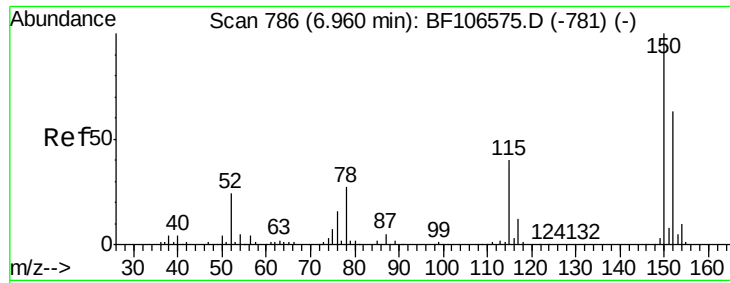
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062618\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	62477	40.656	ng	93
43) 2,4,5-Trichlorophenol	9.24	196	62477	38.963	ng	88
45) 1,1'-Biphenyl	9.42	154	267145	48.831	ng	97
46) 2-Chloronaphthalene	9.45	162	190223	44.173	ng	95
47) 2-Nitroaniline	9.55	65	55999	38.671	ng	99
48) Acenaphthylene	9.87	152	295608	43.479	ng	99
49) Dimethylphthalate	9.71	163	231676	44.998	ng	98
50) 2,6-Dinitrotoluene	9.78	165	48675	44.646	ng	91
51) Acenaphthene	10.04	154	175269	40.938	ng	97
52) 3-Nitroaniline	9.96	138	29760	23.721	ng	94
53) 2,4-Dinitrophenol	10.07	184	6615	16.242	ng #	19
54) Dibenzofuran	10.21	168	271366	46.289	ng	97
55) 4-Nitrophenol	10.14	139	45929	52.448	ng	97
56) 2,4-Dinitrotoluene	10.19	165	59824	42.039	ng	91
57) Fluorene	10.55	166	204611	43.983	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	53111	41.667	ng #	77
59) Diethylphthalate	10.41	149	212590	42.781	ng #	93
60) 4-Chlorophenyl-phenylether	10.54	204	108228	44.464	ng #	88
61) 4-Nitroaniline	10.58	138	49989	40.149	ng	92
62) Azobenzene	10.70	77	187472	38.310	ng	90
64) 4,6-Dinitro-2-methylphenol	10.60	198	8261	10.663	ng	76
65) n-Nitrosodiphenylamine	10.66	169	177500	42.105	ng	99
66) 4-Bromophenyl-phenylether	11.03	248	71917	48.080	ng #	80
67) Hexachlorobenzene	11.10	284	74313	47.468	ng #	82
68) Atrazine	11.18	200	61292	45.735	ng	94
69) Pentachlorophenol	11.30	266	33346	42.688	ng	98
70) Phenanthrene	11.52	178	292993	48.468	ng	98
71) Anthracene	11.57	178	300617	48.720	ng	99
72) Carbazole	11.73	167	267558	46.315	ng	98
73) Di-n-butylphthalate	12.04	149	313074	46.002	ng	99
74) Fluoranthene	12.71	202	334409	50.190	ng	95
76) Benzidine	12.83	184	107899	32.866	ng	97
77) Pyrene	12.94	202	344500	45.319	ng	99
79) Butylbenzylphthalate	13.54	149	135595	43.385	ng #	97
80) Benzo(a)anthracene	14.14	228	322477	45.900	ng	99
81) 3,3'-Dichlorobenzidine	14.09	252	71797	29.077	ng #	95
82) Chrysene	14.17	228	296260	45.835	ng	99
83) Bis(2-ethylhexyl)phthalate	14.09	149	183634	45.958	ng	97
84) Di-n-octyl phthalate	14.72	149	323516	49.671	ng	95
85) Indeno(1,2,3-cd)pyrene	17.25	276	213435	38.911	ng #	89
87) Benzo(b)fluoranthene	15.22	252	251188	47.039	ng #	96
88) Benzo(k)fluoranthene	15.25	252	246613	48.496	ng #	94
89) Benzo(a)pyrene	15.61	252	223075	46.992	ng #	97
90) Dibenzo(a,h)anthracene	17.27	278	181075	45.008	ng #	93
91) Benzo(g,h,i)perylene	17.73	276	178389	45.365	ng #	88

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

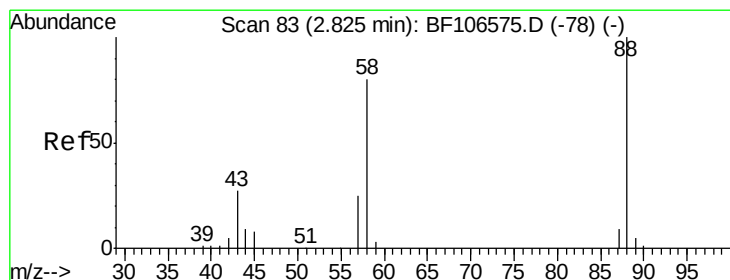
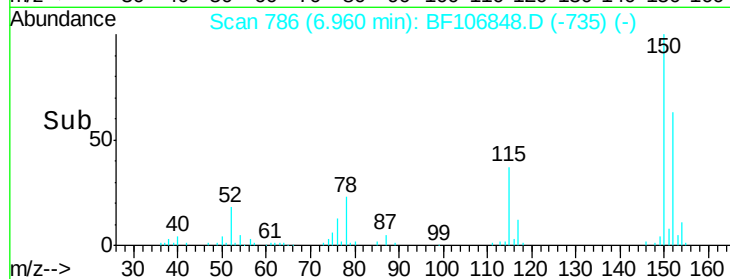
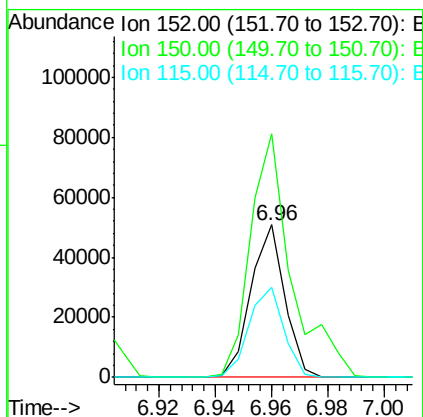
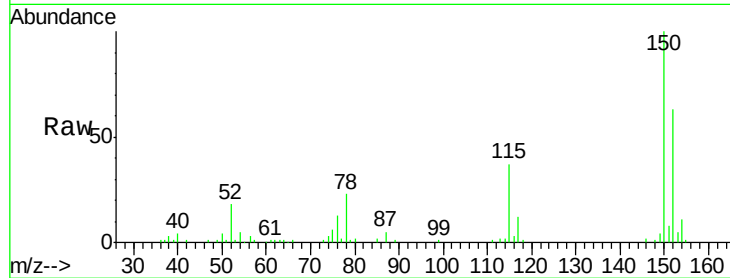


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF106848.D
Acq: 27 Jun 2018 3:21

Instrument :
BNA_F
ClientSampleId :
PB110514BS

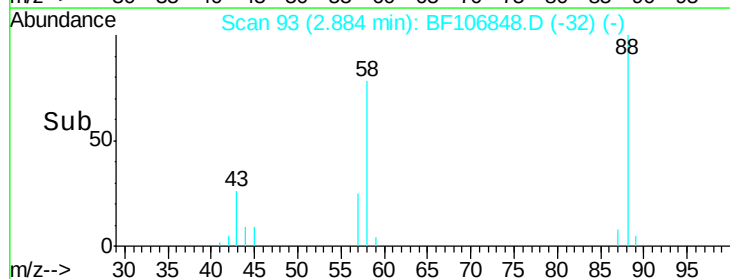
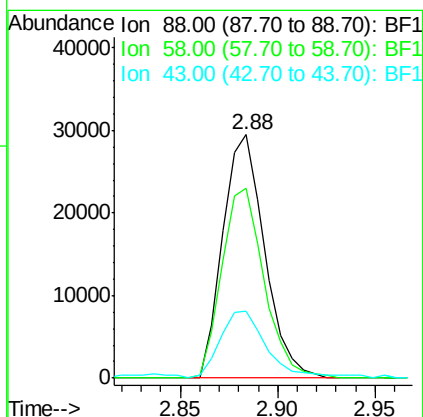
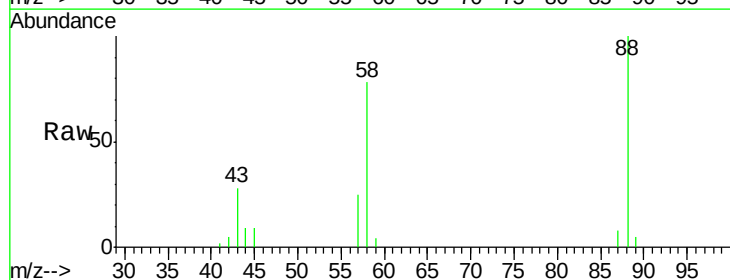
Tgt Ion:152 Resp: 42319
Ion Ratio Lower Upper
152 100
150 159.6 124.6 186.8
115 58.9 50.1 75.1

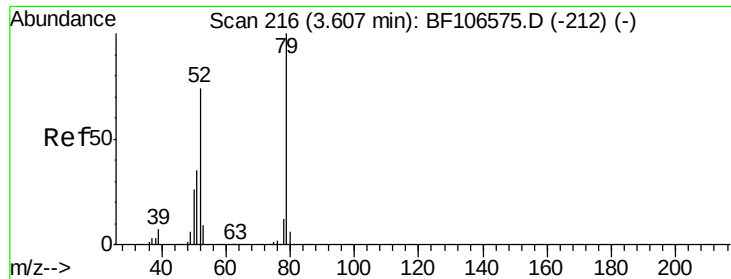


#2

1,4-Dioxane
Concen: 34.001 ng
RT: 2.88 min Scan# 93
Delta R.T. 0.06 min
Lab File: BF106848.D
Acq: 27 Jun 2018 3:21

Tgt Ion: 88 Resp: 43686
Ion Ratio Lower Upper
88 100
58 79.2 62.6 93.8
43 31.5 24.6 37.0





#3

Pyridine

Concen: 36.996 ng

RT: 3.65 min Scan# 223

Delta R.T. 0.04 min

Lab File: BF106848.D

Acq: 27 Jun 2018 3:21

Instrument :

BNA_F

ClientSampleId :

PB110514BS

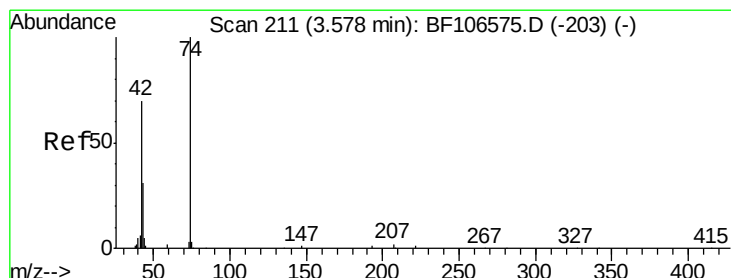
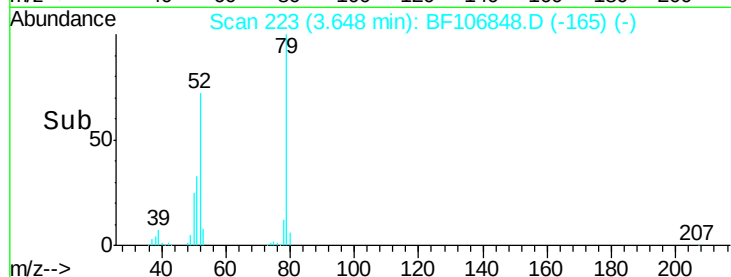
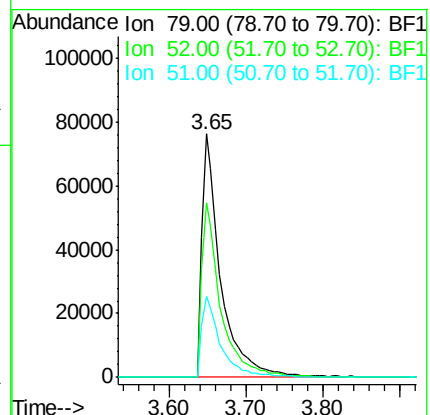
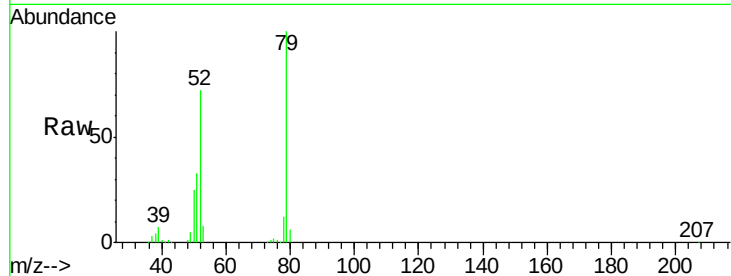
Tgt Ion: 79 Resp: 128916

Ion Ratio Lower Upper

79 100

52 71.6 59.8 89.6

51 33.3 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 35.063 ng

RT: 3.62 min Scan# 218

Delta R.T. 0.03 min

Lab File: BF106848.D

Acq: 27 Jun 2018 3:21

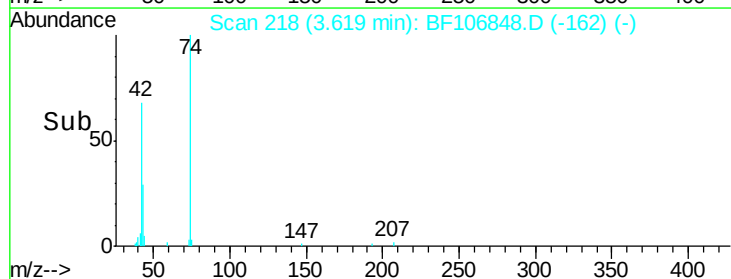
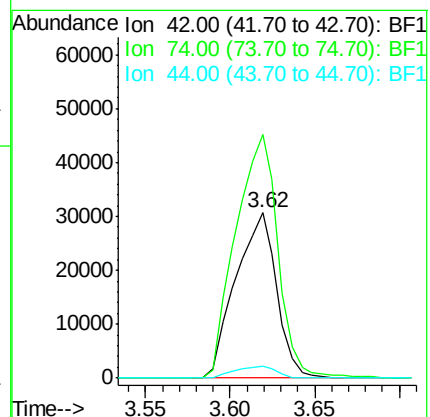
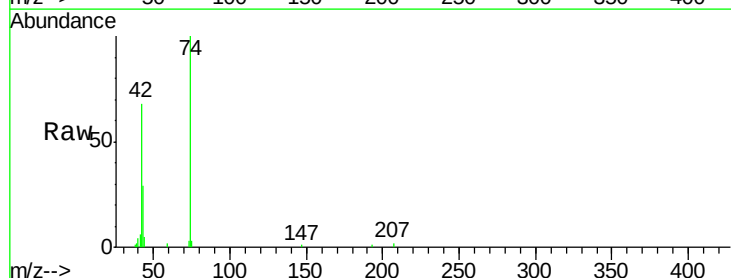
Tgt Ion: 42 Resp: 51894

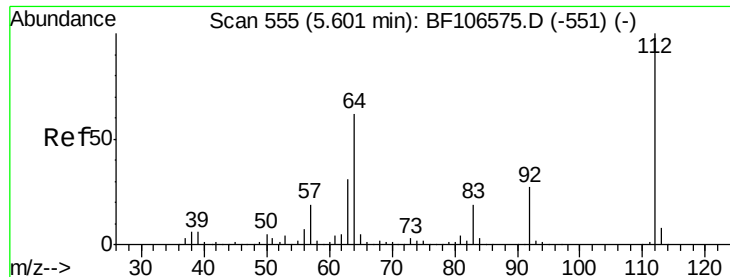
Ion Ratio Lower Upper

42 100

74 147.4 104.9 157.3

44 7.0 6.9 10.3





#5

2-Fluorophenol

Concen: 86.376 ng

RT: 5.61 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF106848.D

Acq: 27 Jun 2018 3:21

Instrument :

BNA_F

ClientSampleId :

PB110514BS

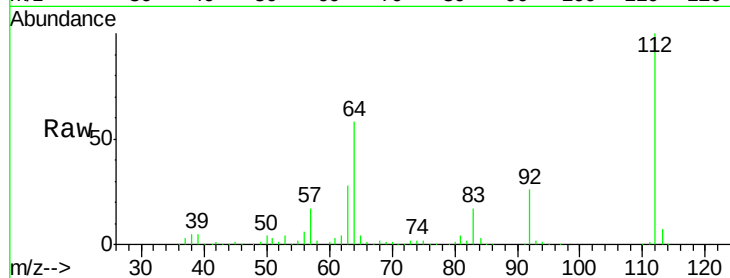
Tgt Ion: 112 Resp: 215868

Ion Ratio Lower Upper

112 100

64 57.6 47.9 71.9

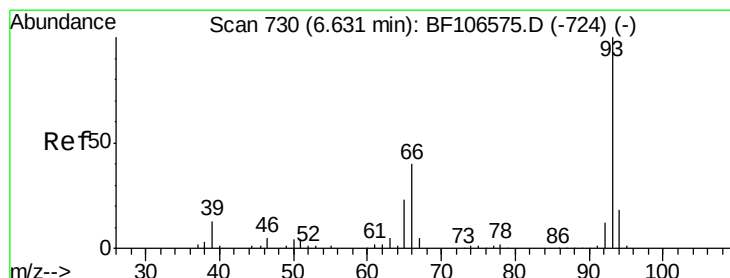
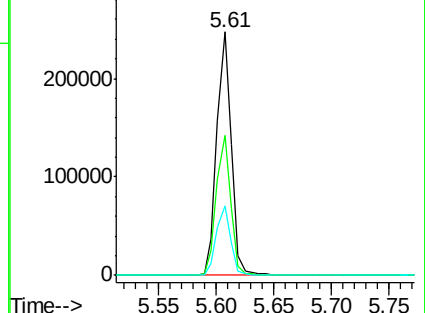
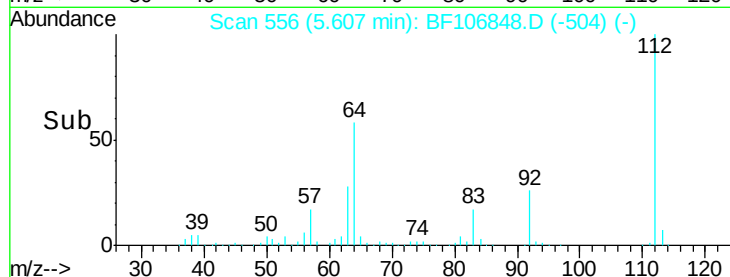
63 28.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 10.612 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF106848.D

Acq: 27 Jun 2018 3:21

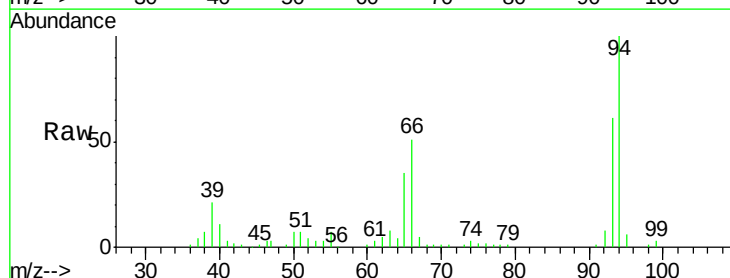
Tgt Ion: 93 Resp: 44928

Ion Ratio Lower Upper

93 100

66 84.4 32.2 48.2#

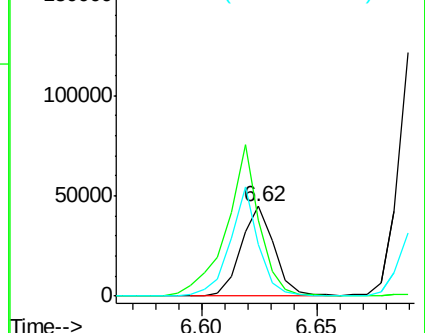
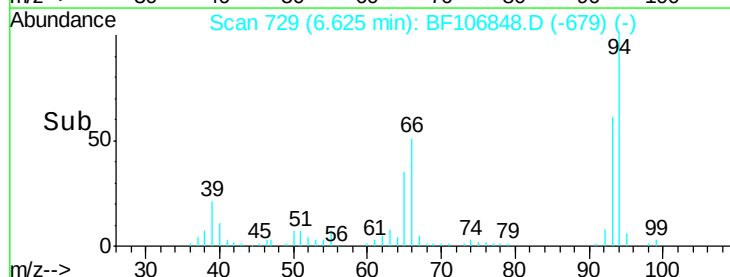
65 57.1 16.4 24.6#

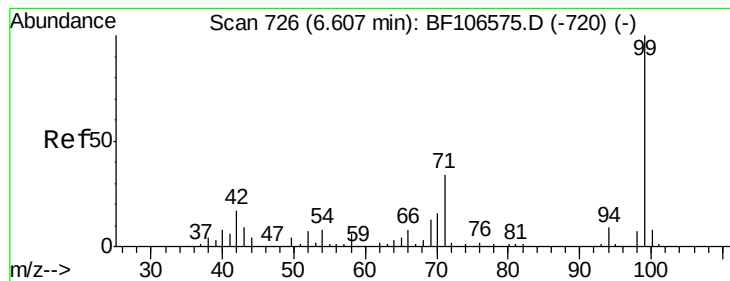


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 84.666 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106848.D

Acq: 27 Jun 2018 3:21

Instrument :

BNA_F

ClientSampleId :

PB110514BS

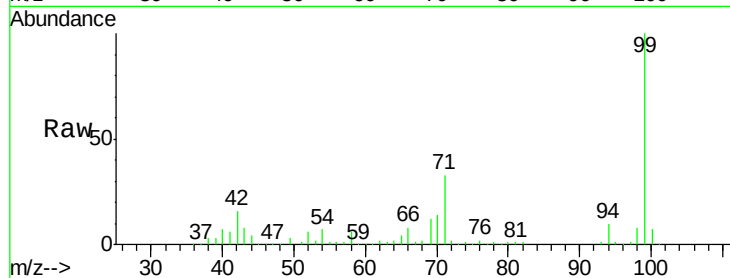
Tgt Ion: 99 Resp: 264241

Ion Ratio Lower Upper

99 100

42 15.7 14.5 21.7

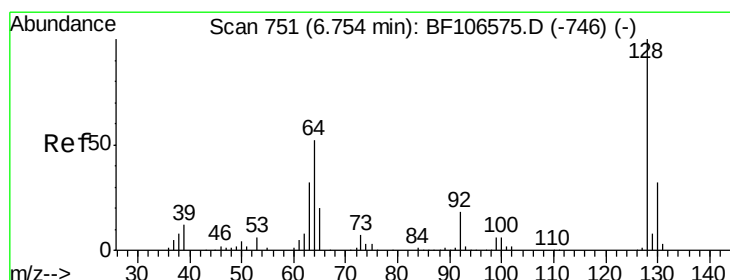
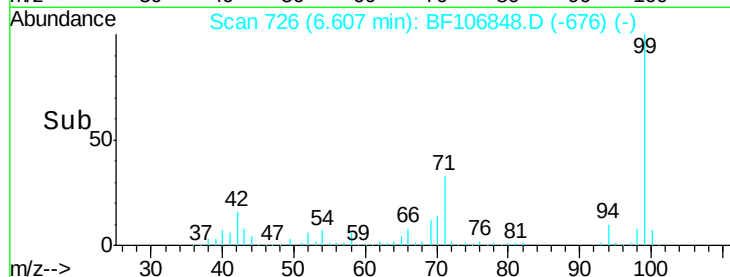
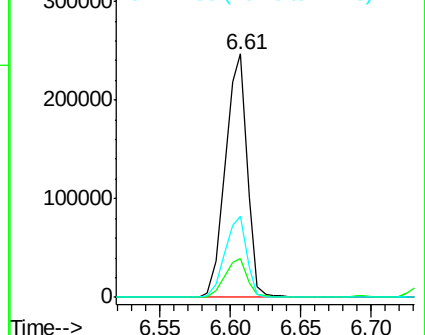
71 33.3 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.541 ng

RT: 6.75 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF106848.D

Acq: 27 Jun 2018 3:21

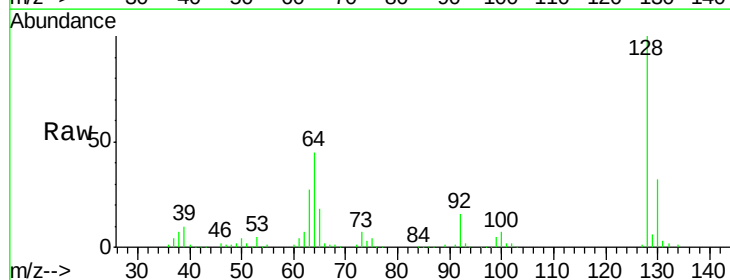
Tgt Ion: 128 Resp: 113869

Ion Ratio Lower Upper

128 100

130 31.9 13.0 53.0

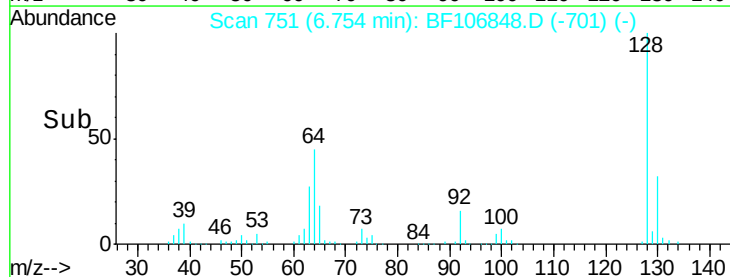
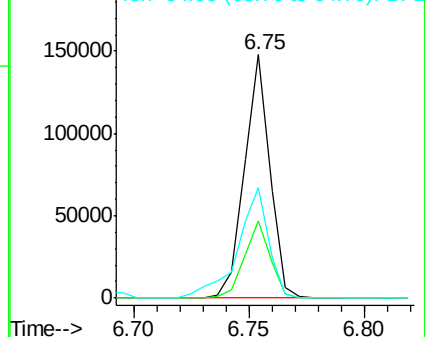
64 45.4 29.4 69.4

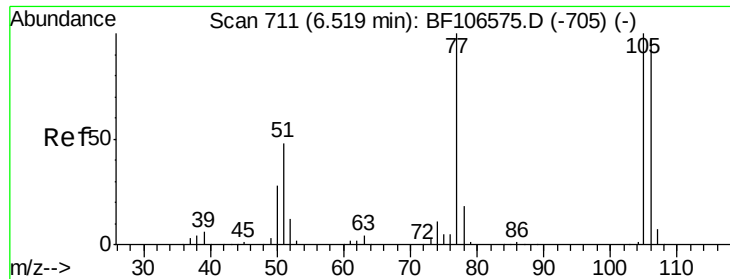


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

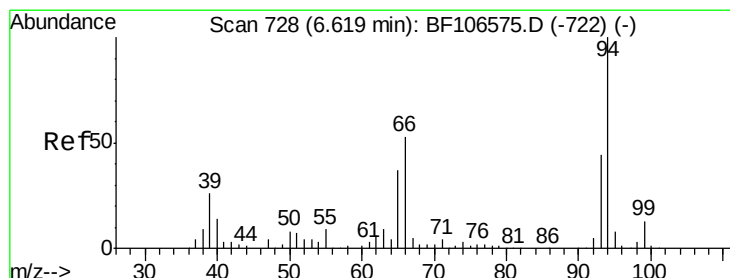
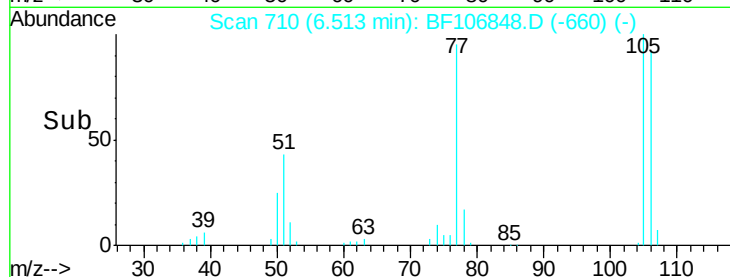
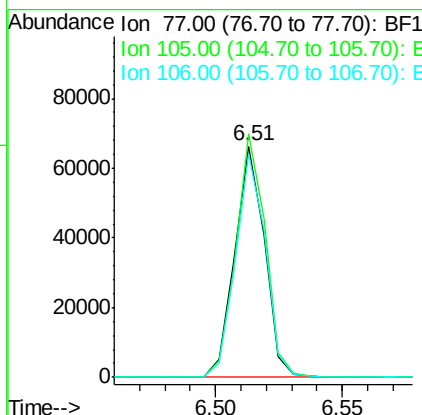
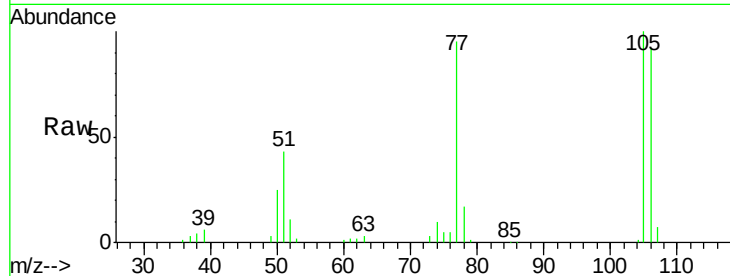




#9
Benzaldehyde
Concen: 22.429 ng
RT: 6.51 min Scan# 710
Delta R.T. -0.01 min
Lab File: BF106848.D
Acq: 27 Jun 2018 3:21

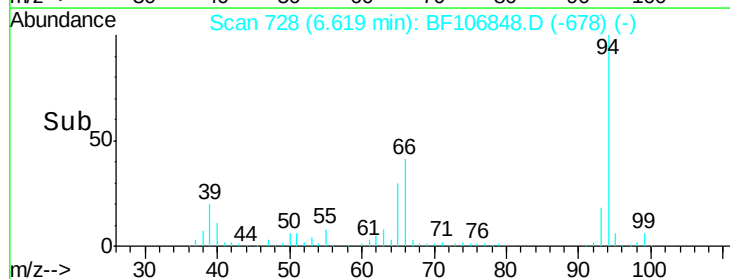
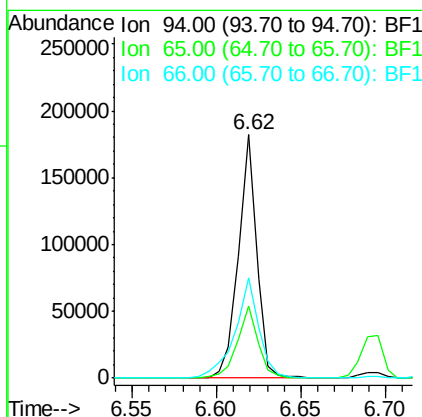
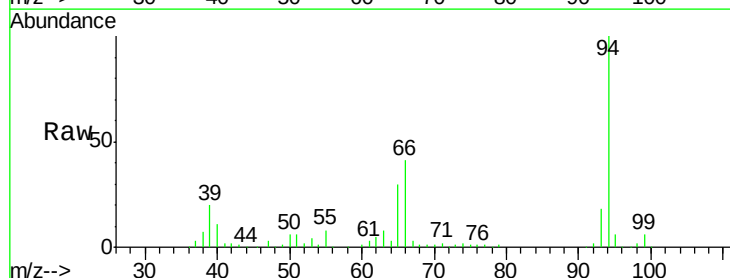
Instrument :
BNA_F
ClientSampleId :
PB110514BS

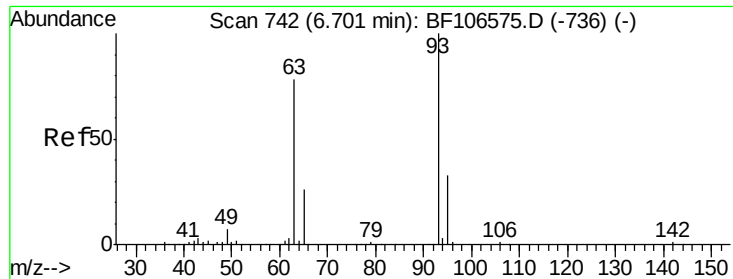
Tgt Ion: 77 Resp: 53705
Ion Ratio Lower Upper
77 100
105 105.4 81.1 121.1
106 96.7 74.5 114.5



#10
Phenol
Concen: 38.862 ng
RT: 6.62 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF106848.D
Acq: 27 Jun 2018 3:21

Tgt Ion: 94 Resp: 138418
Ion Ratio Lower Upper
94 100
65 29.8 7.9 47.9
66 41.3 16.2 56.2

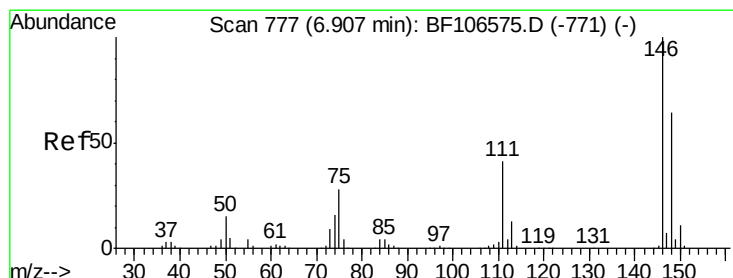
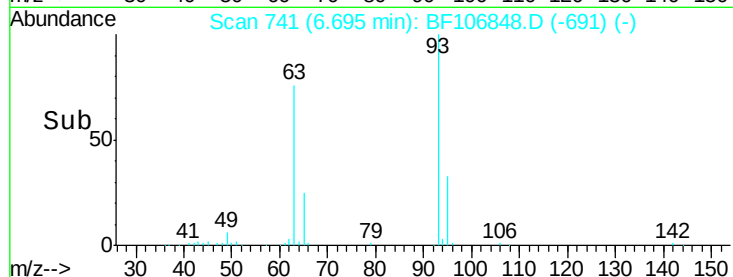
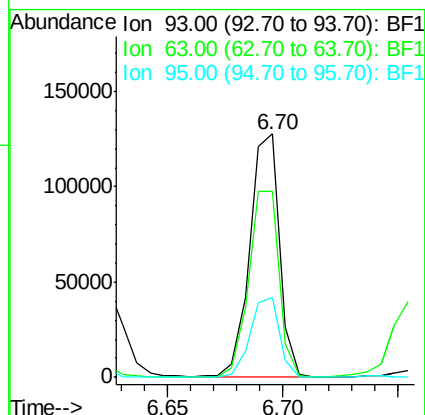
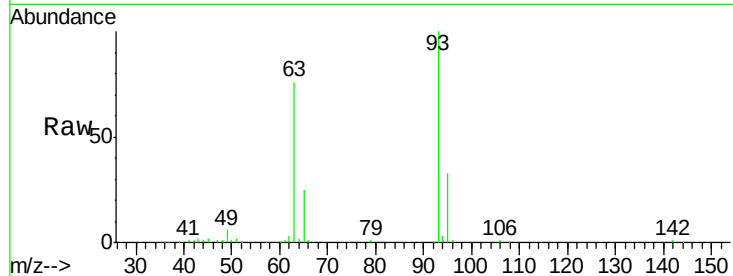




#11
bis(2-Chloroethyl)ether
Concen: 39.118 ng
RT: 6.70 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF106848.D
Acq: 27 Jun 2018 3:21

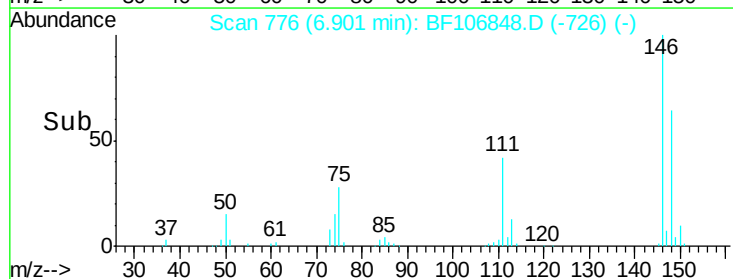
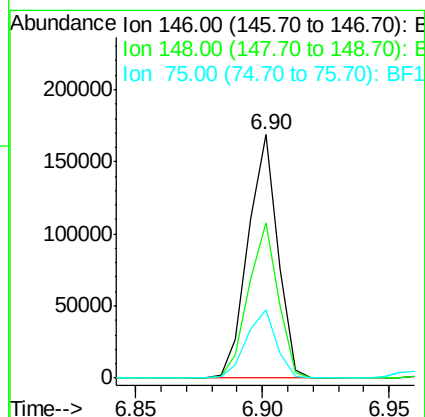
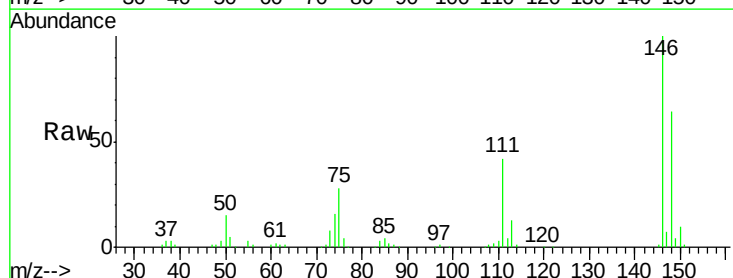
Instrument :
BNA_F
ClientSampleId :
PB110514BS

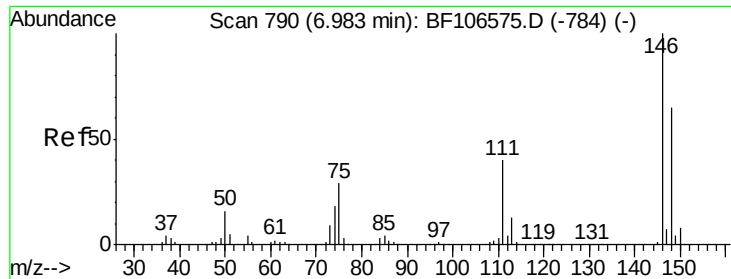
Tgt Ion: 93 Resp: 115023
Ion Ratio Lower Upper
93 100
63 76.2 58.6 98.6
95 32.5 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 42.922 ng
RT: 6.90 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF106848.D
Acq: 27 Jun 2018 3:21

Tgt Ion: 146 Resp: 137800
Ion Ratio Lower Upper
146 100
148 63.9 51.8 77.8
75 28.0 24.2 36.4

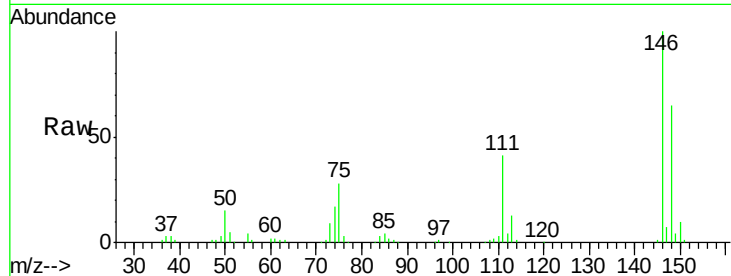




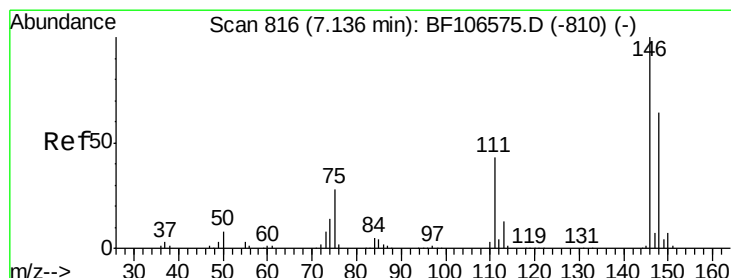
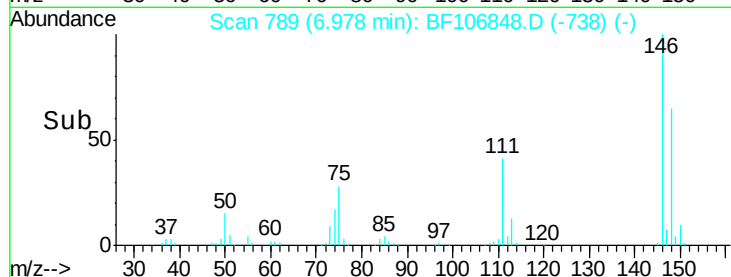
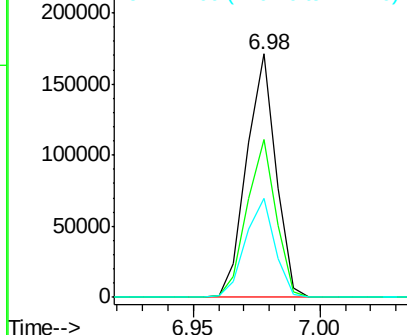
#13
 1,4-Dichlorobenzene
 Concen: 42.378 ng
 RT: 6.98 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: BF106848.D
 Acq: 27 Jun 2018 3:21

Instrument :
 BNA_F
 ClientSampleId :
 PB110514BS

Tgt Ion:146 Resp: 137549
 Ion Ratio Lower Upper
 146 100
 148 64.9 50.8 76.2
 111 40.7 34.2 51.2

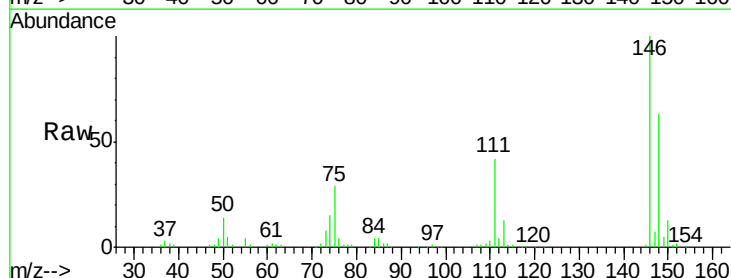


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

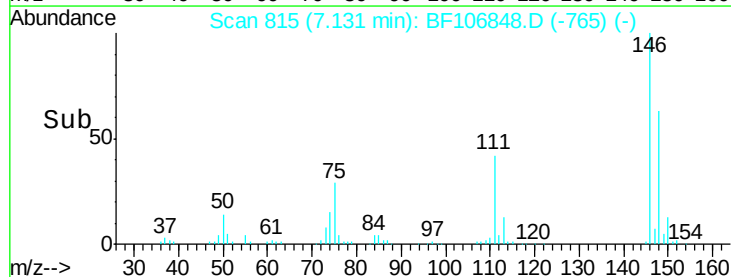
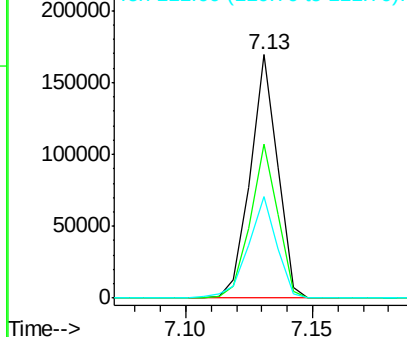


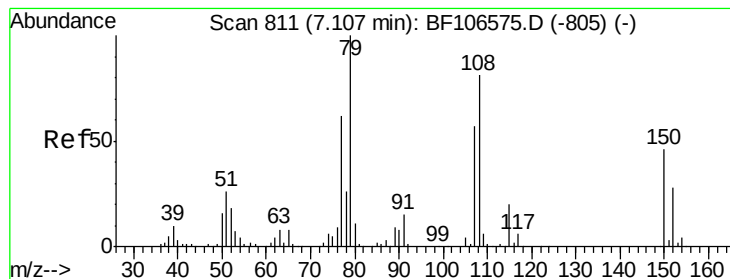
#14
 1,2-Dichlorobenzene
 Concen: 42.792 ng
 RT: 7.13 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF106848.D
 Acq: 27 Jun 2018 3:21

Tgt Ion:146 Resp: 127291
 Ion Ratio Lower Upper
 146 100
 148 63.1 50.6 75.8
 111 41.8 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: 39.010 ng

RT: 7.10 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF106848.D

Acq: 27 Jun 2018 3:21

Instrument :

BNA_F

ClientSampleId :

PB110514BS

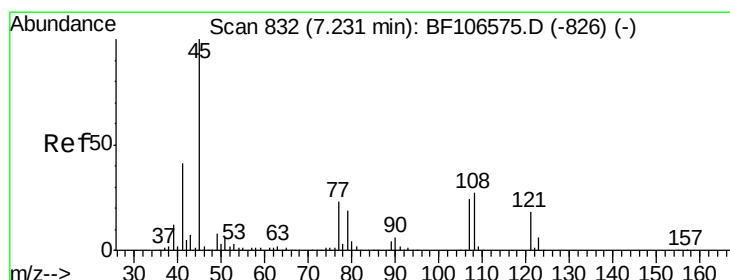
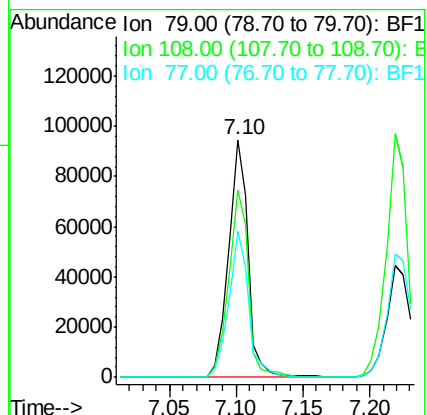
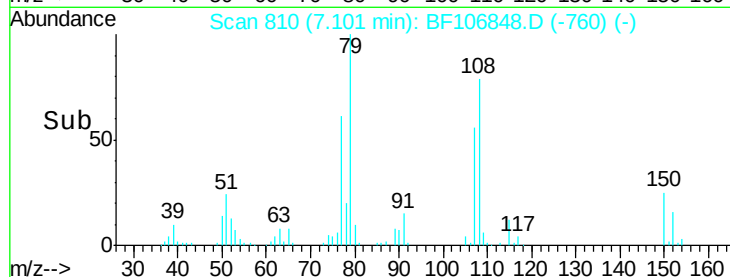
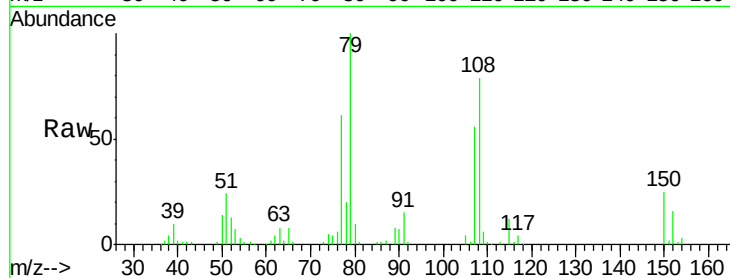
Tgt Ion: 79 Resp: 97760

Ion Ratio Lower Upper

79 100

108 78.9 65.1 97.7

77 61.4 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.449 ng

RT: 7.23 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF106848.D

Acq: 27 Jun 2018 3:21

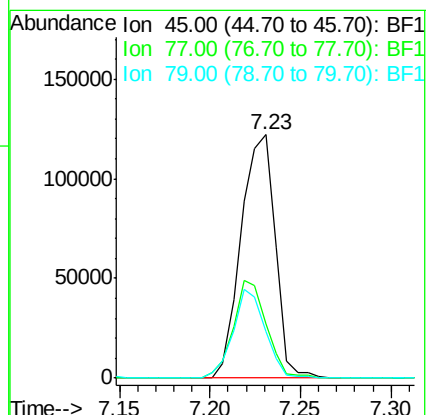
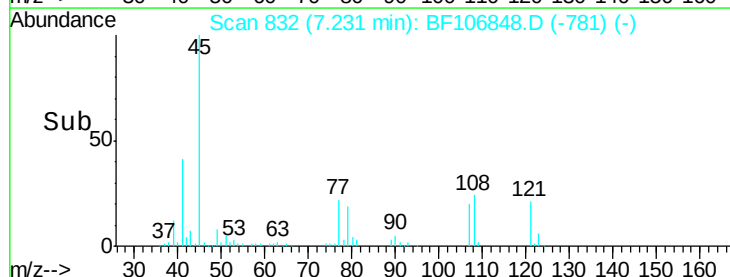
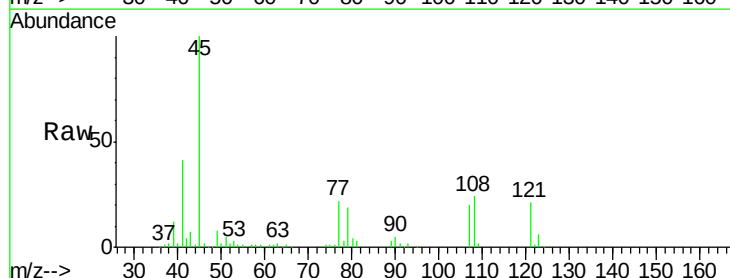
Tgt Ion: 45 Resp: 159909

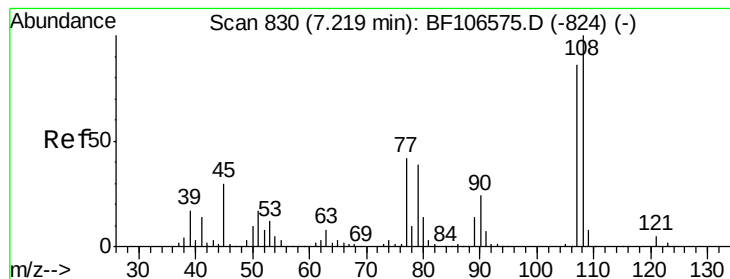
Ion Ratio Lower Upper

45 100

77 22.1 0.0 32.9

79 18.9 0.0 29.6





#17

2-Methylphenol

Concen: 40.300 ng

RT: 7.22 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF106848.D

Acq: 27 Jun 2018 3:21

Instrument :

BNA_F

ClientSampleId :

PB110514BS

Tgt Ion:107 Resp: 94536

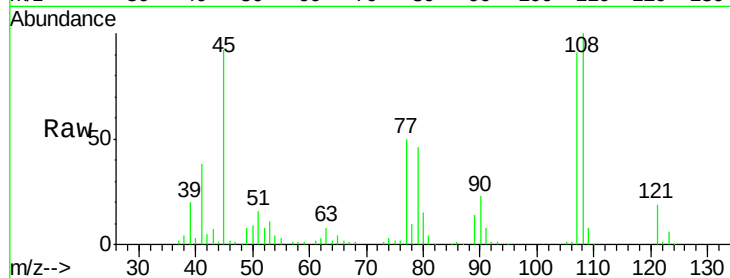
Ion Ratio Lower Upper

107 100

108 109.6 91.7 137.5

77 55.2 33.8 50.8#

79 50.1 33.8 50.8

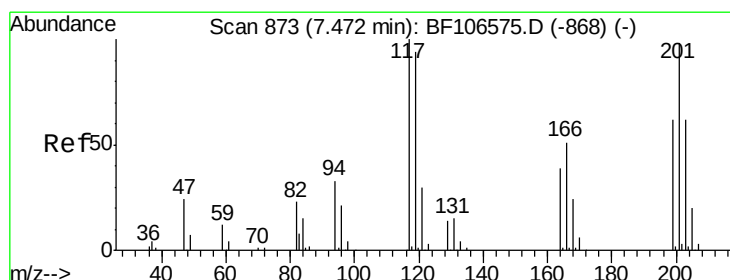
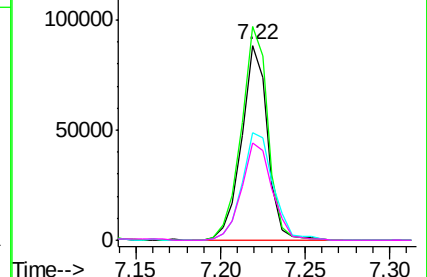
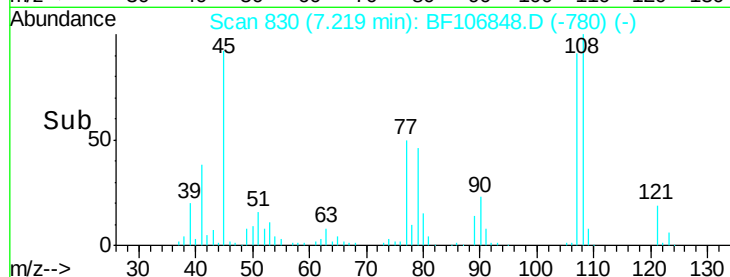


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 34.504 ng

RT: 7.47 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF106848.D

Acq: 27 Jun 2018 3:21

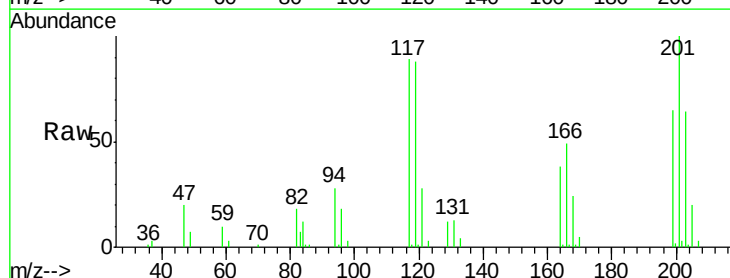
Tgt Ion:117 Resp: 39384

Ion Ratio Lower Upper

117 100

119 98.7 75.8 113.8

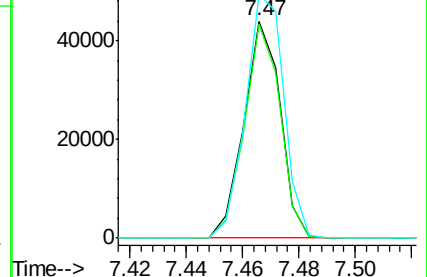
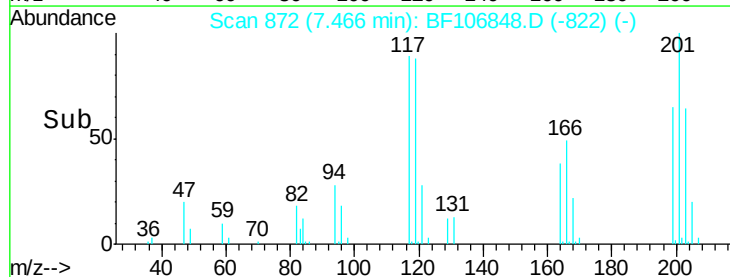
201 112.2 75.7 113.5

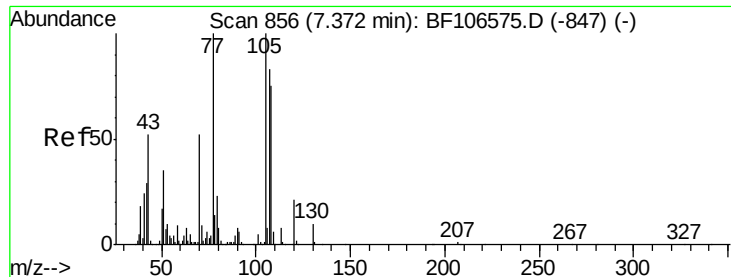


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

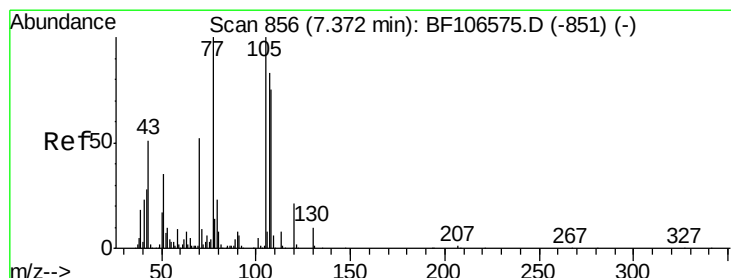
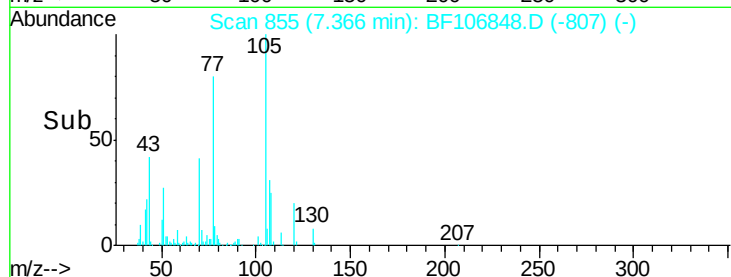
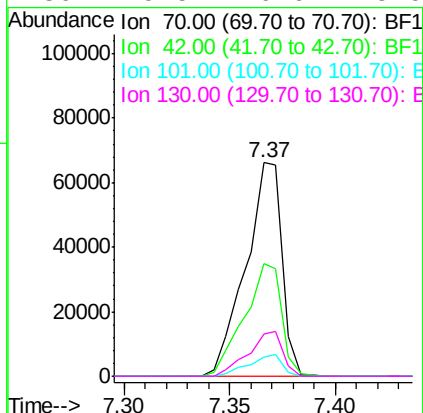
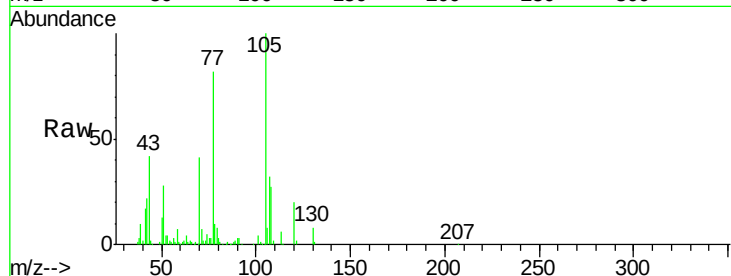




#19
n-Nitroso-di-n-propylamine
Concen: 38.623 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.02 min
Lab File: BF106848.D
Acq: 27 Jun 2018 3:21

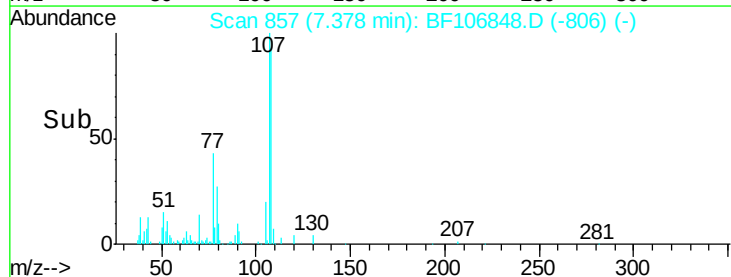
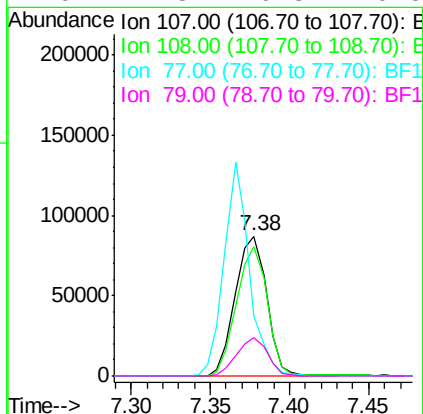
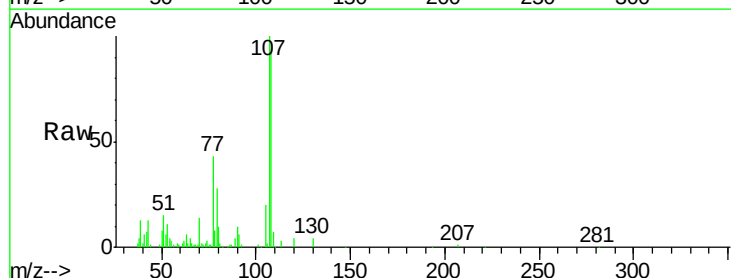
Instrument :
BNA_F
ClientSampleId :
PB110514BS

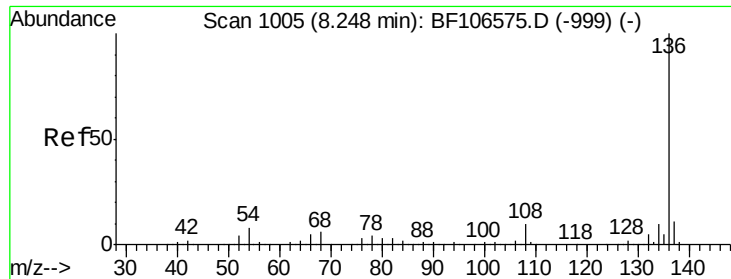
Tgt Ion:	70	Resp:	79457
Ion	Ratio	Lower	Upper
70	100		
42	52.5	47.5	71.3
101	9.1	7.4	11.2
130	19.5	16.6	25.0



#20
3+4-Methylphenols
Concen: 48.909 ng
RT: 7.38 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF106848.D
Acq: 27 Jun 2018 3:21

Tgt Ion:	107	Resp:	120843
Ion	Ratio	Lower	Upper
107	100		
108	93.0	68.2	108.2
77	43.4	26.7	66.7
79	27.8	6.3	46.3

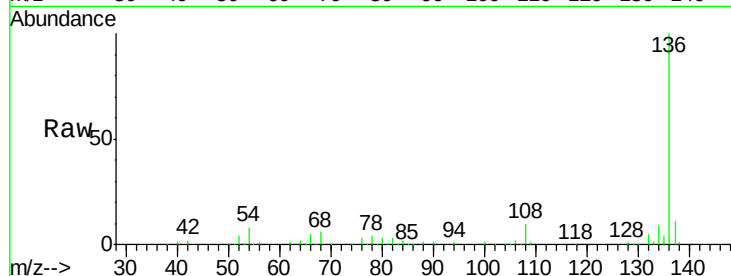




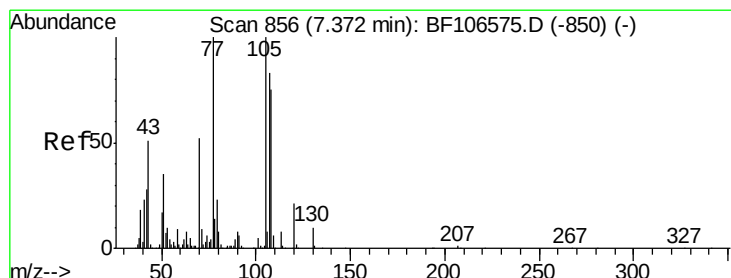
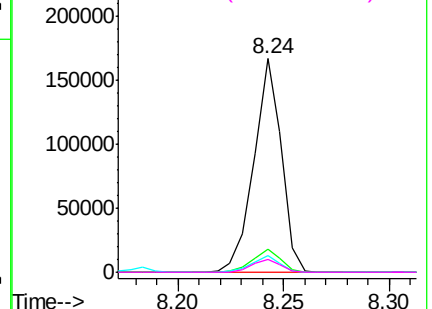
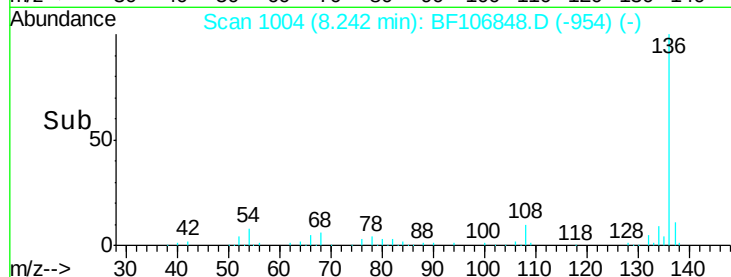
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106848.D
Acq: 27 Jun 2018 3:21

Instrument :
BNA_F
ClientSampleId :
PB110514BS

Tgt Ion:	136	Resp:	150739
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.9	6.6	9.8
68	6.1	5.0	7.4

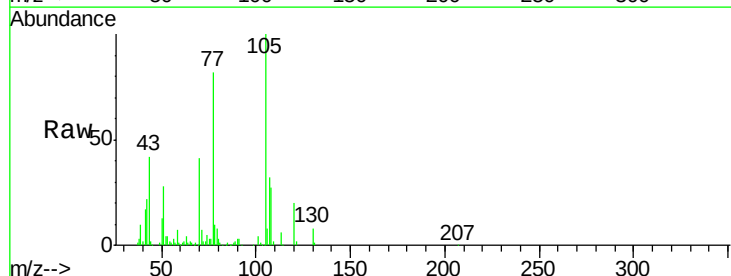


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

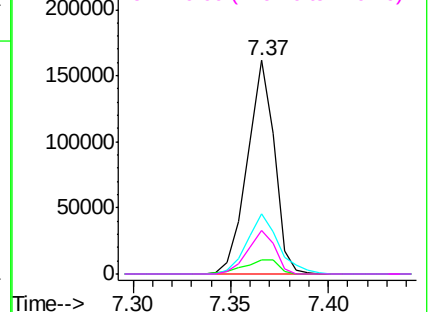
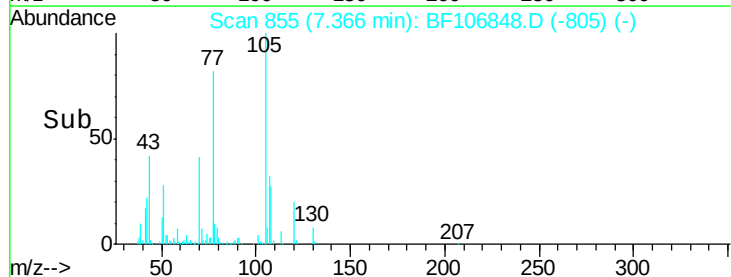


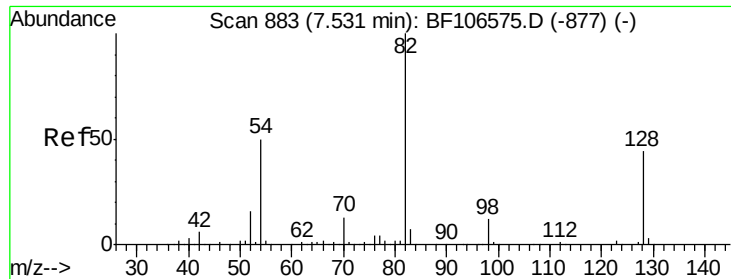
#22
Acetophenone
Concen: 46.005 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF106848.D
Acq: 27 Jun 2018 3:21

Tgt Ion:	105	Resp:	155149
Ion	Ratio	Lower	Upper
105	100		
71	6.6	4.4	6.6
51	28.4	22.3	33.5
120	20.2	16.9	25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

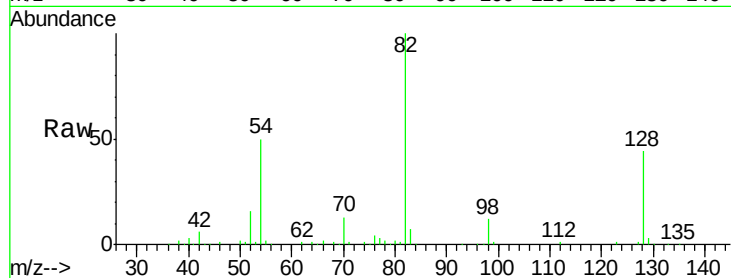




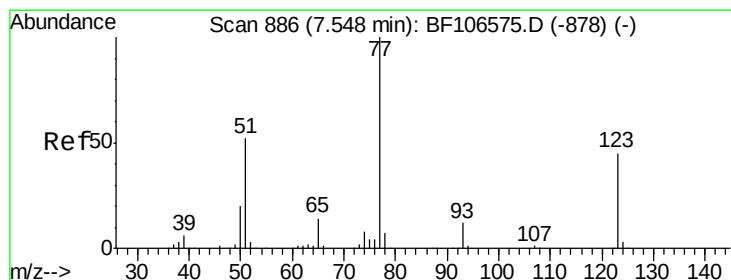
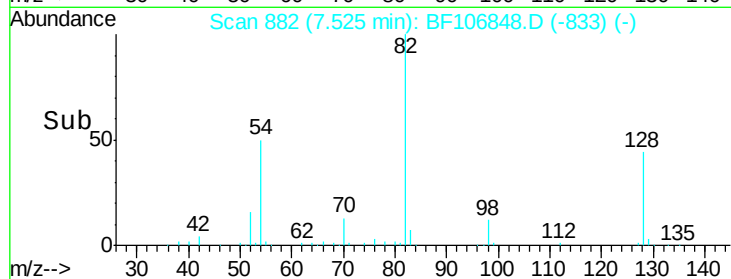
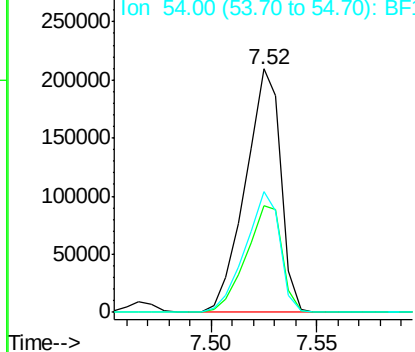
#23
Nitrobenzene-d5
Concen: 89.589 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106848.D
Acq: 27 Jun 2018 3:21

Instrument :
BNA_F
ClientSampleId :
PB110514BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.9	36.1	54.1
54	49.5	41.4	62.2

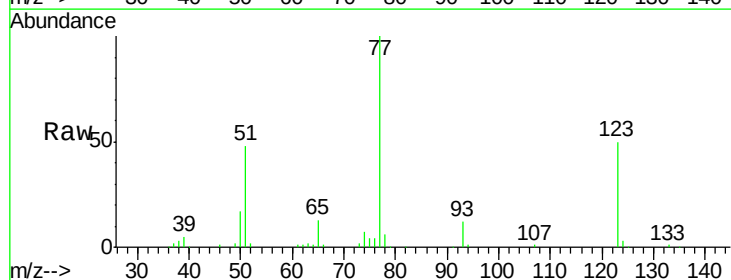


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

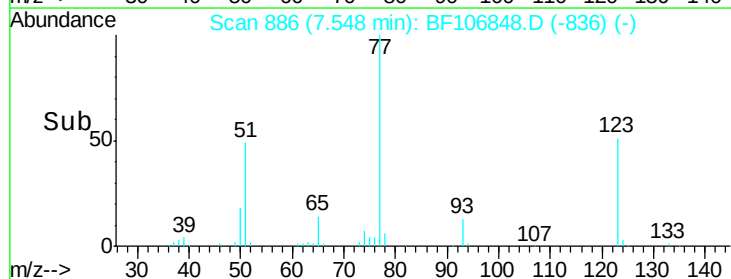
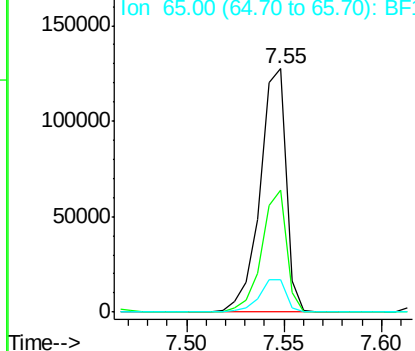


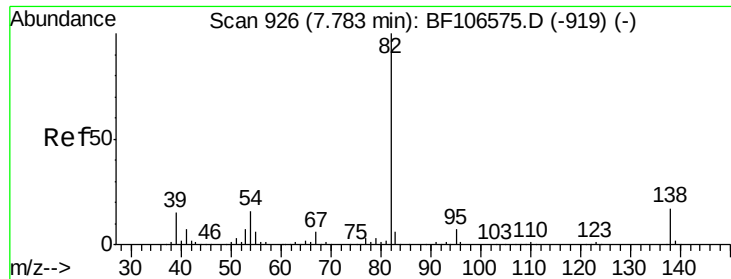
#24
Nitrobenzene
Concen: 42.965 ng
RT: 7.55 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF106848.D
Acq: 27 Jun 2018 3:21

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.0	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: 45.054 ng

RT: 7.78 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF106848.D

Acq: 27 Jun 2018 3:21

Instrument :

BNA_F

ClientSampleId :

PB110514BS

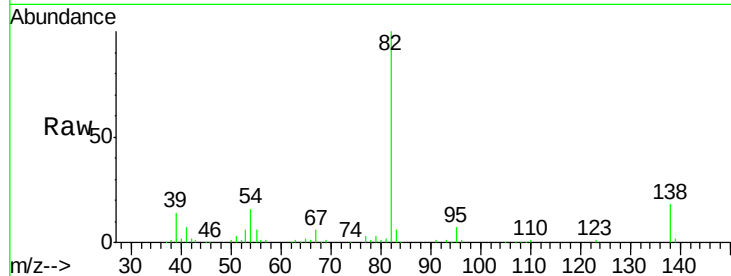
Tgt Ion: 82 Resp: 215343

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

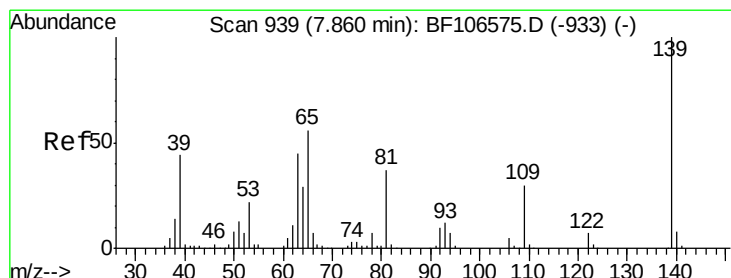
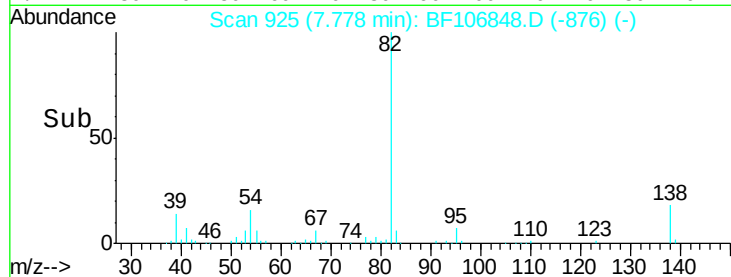
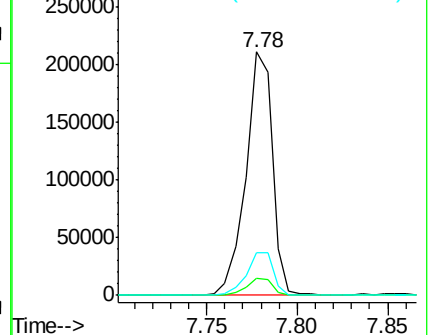
138 17.7 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 37.229 ng

RT: 7.86 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF106848.D

Acq: 27 Jun 2018 3:21

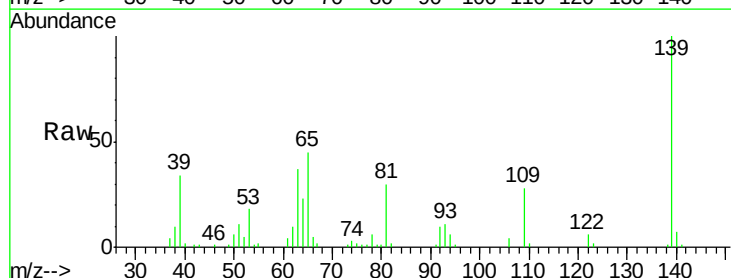
Tgt Ion: 139 Resp: 48669

Ion Ratio Lower Upper

139 100

109 27.9 22.7 34.1

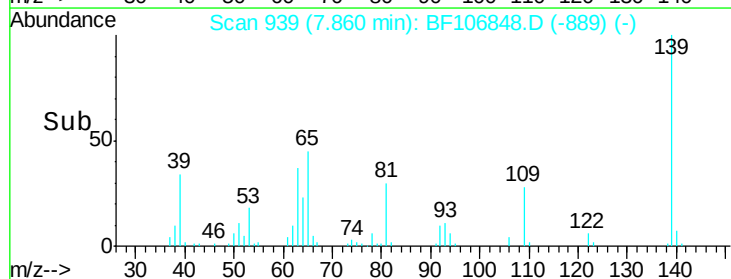
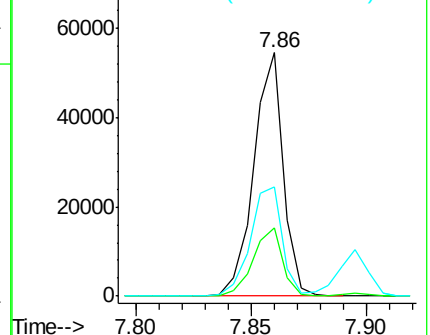
65 45.1 40.5 60.7

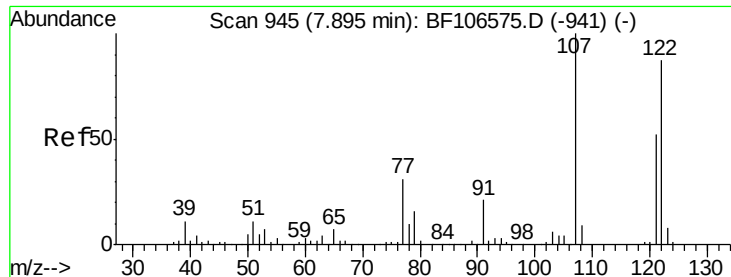


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

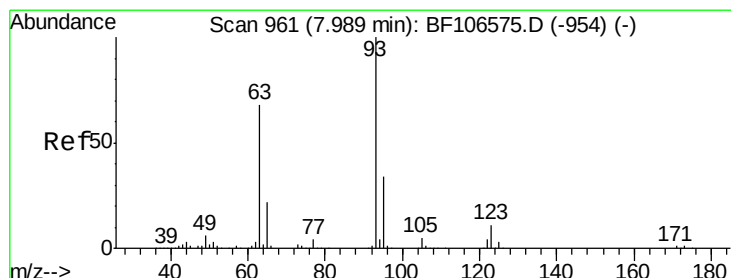
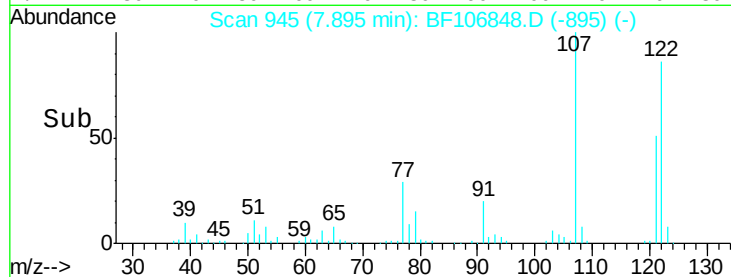
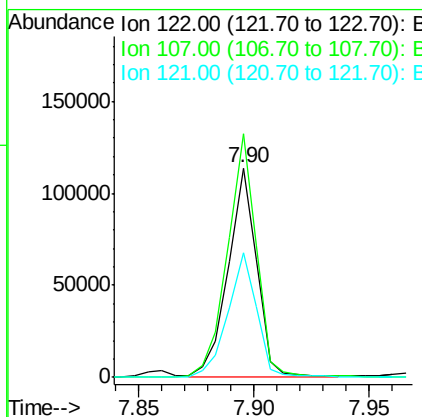
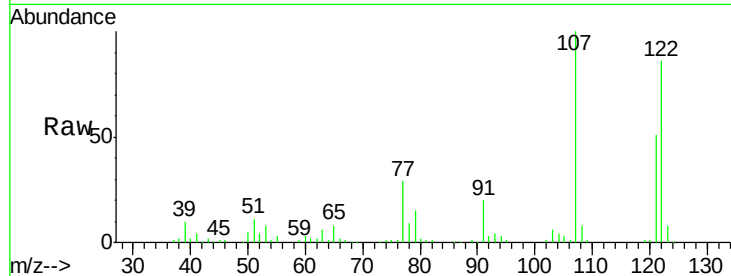




#27
 2,4-Dimethylphenol
 Concen: 49.221 ng
 RT: 7.90 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BF106848.D
 Acq: 27 Jun 2018 3:21

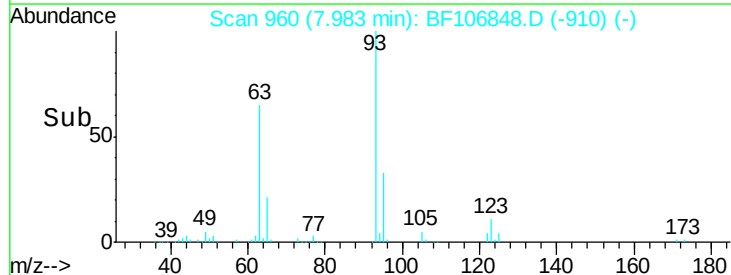
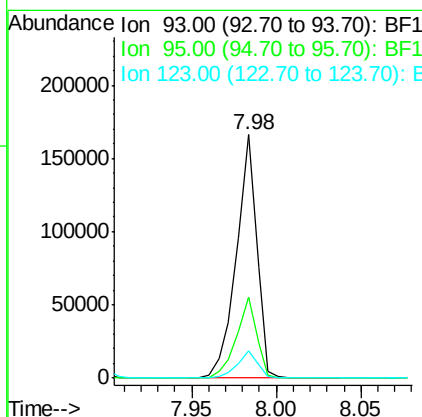
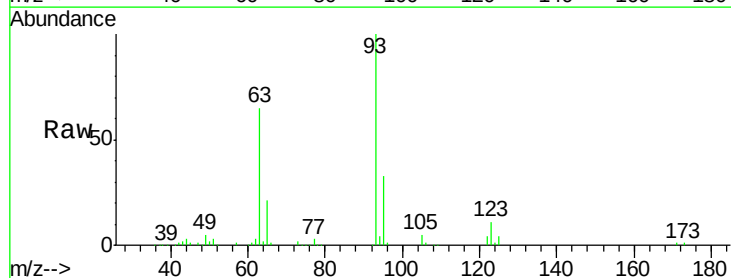
Instrument :
 BNA_F
 ClientSampleId :
 PB110514BS

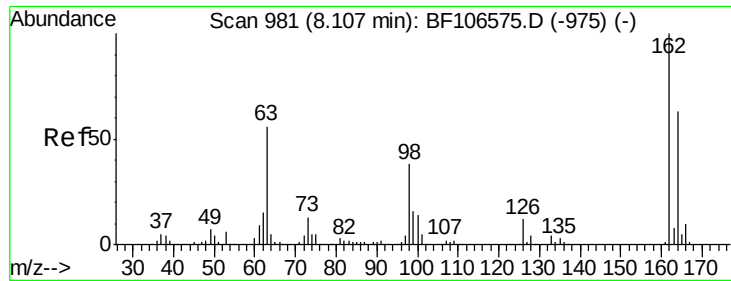
Tgt Ion: 122 Resp: 99457
 Ion Ratio Lower Upper
 122 100
 107 116.3 91.2 136.8
 121 59.7 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.822 ng
 RT: 7.98 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF106848.D
 Acq: 27 Jun 2018 3:21

Tgt Ion: 93 Resp: 140632
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.3 39.5
 123 11.1 9.8 14.6

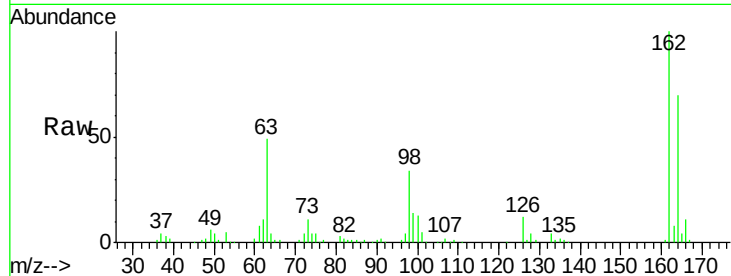




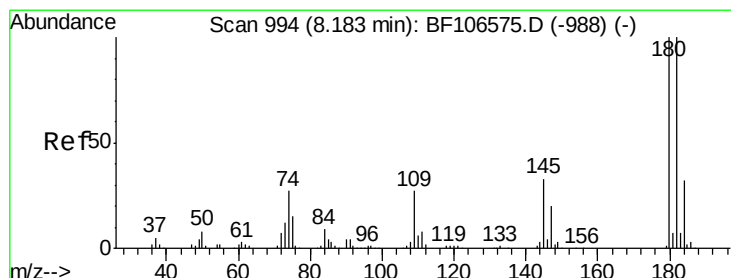
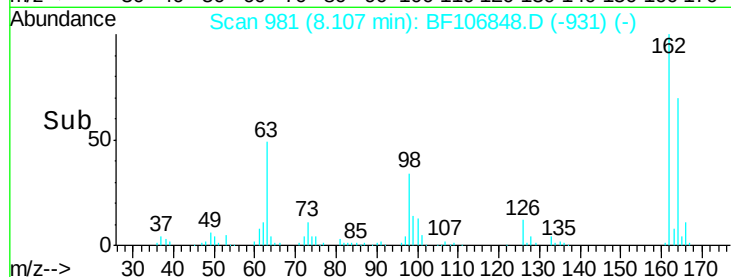
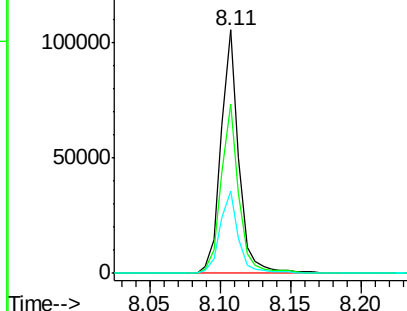
#29
2,4-Dichlorophenol
Concen: 44.182 ng
RT: 8.11 min Scan# 981
Delta R.T. -0.01 min
Lab File: BF106848.D
Acq: 27 Jun 2018 3:21

Instrument :
BNA_F
ClientSampleId :
PB110514BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	69.6	42.7	82.7
98	33.8	18.1	58.1

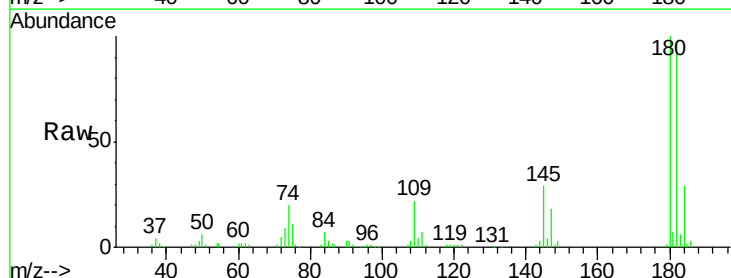


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

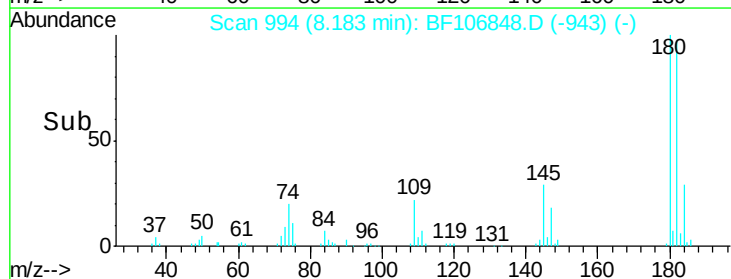
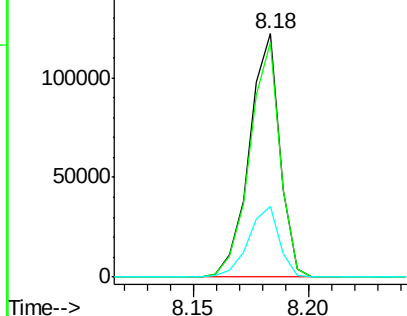


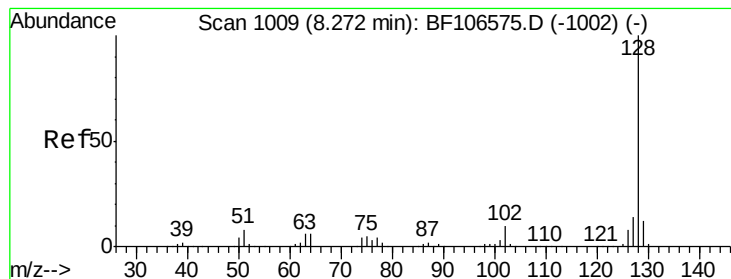
#30
1,2,4-Trichlorobenzene
Concen: 48.357 ng
RT: 8.18 min Scan# 994
Delta R.T. -0.00 min
Lab File: BF106848.D
Acq: 27 Jun 2018 3:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	76.8	115.2
145	29.1	26.5	39.7



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





#31

Naphthalene

Concen: 45.737 ng

RT: 8.27 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF106848.D

Acq: 27 Jun 2018 3:21

Instrument :

BNA_F

ClientSampleId :

PB110514BS

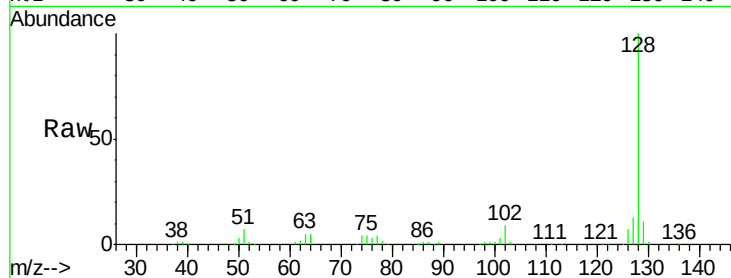
Tgt Ion:128 Resp: 322332

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

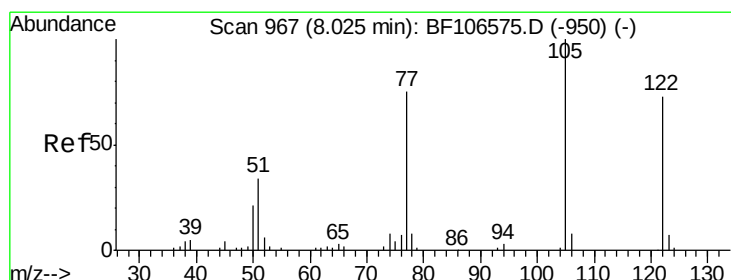
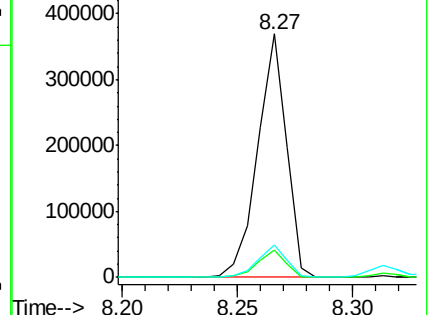
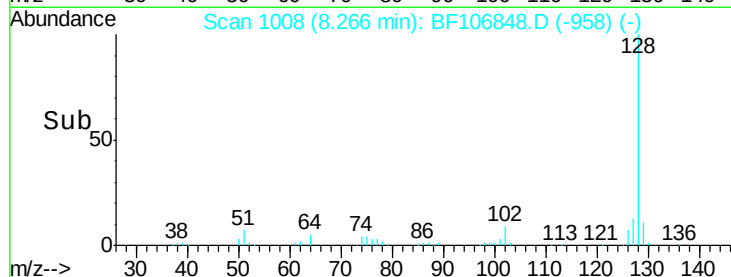
127 13.2 10.9 16.3



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: 13.402 ng

RT: 8.04 min Scan# 969

Delta R.T. -0.01 min

Lab File: BF106848.D

Acq: 27 Jun 2018 3:21

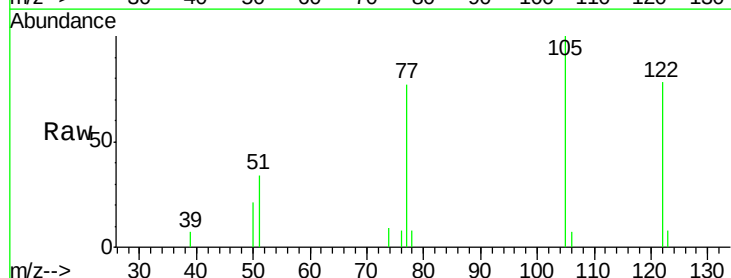
Tgt Ion:122 Resp: 12803

Ion Ratio Lower Upper

122 100

105 127.8 101.1 141.1

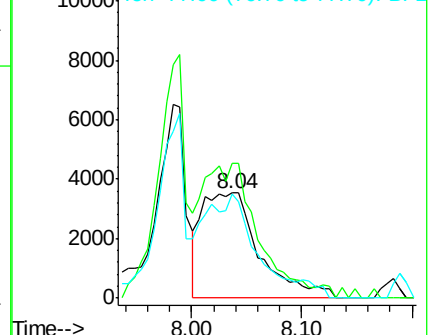
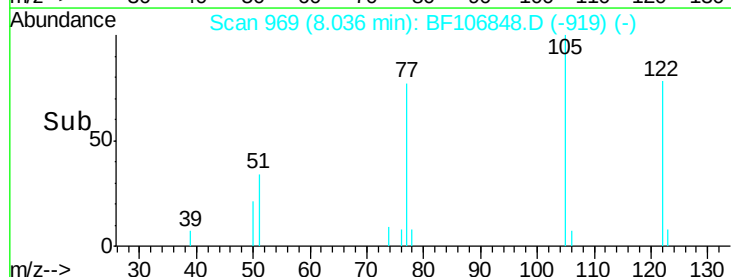
77 98.7 70.7 110.7

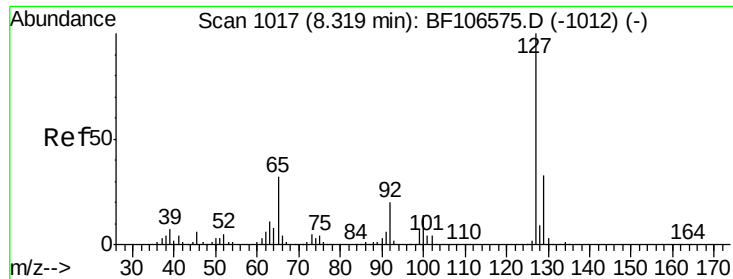


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

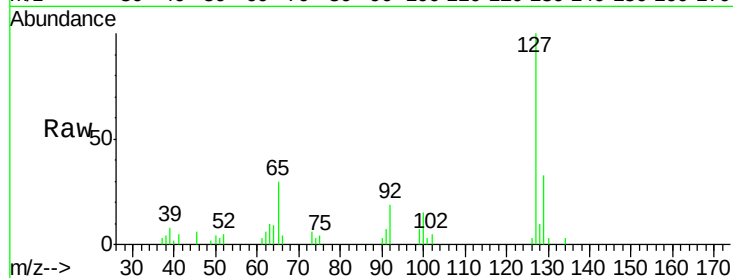




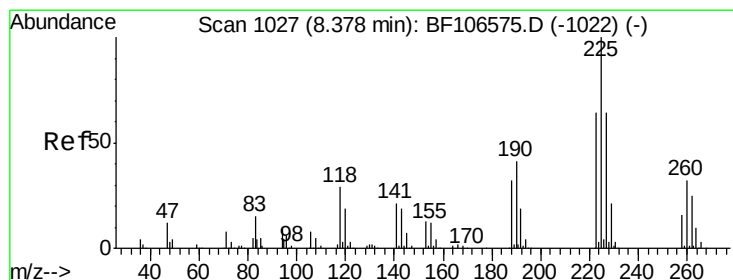
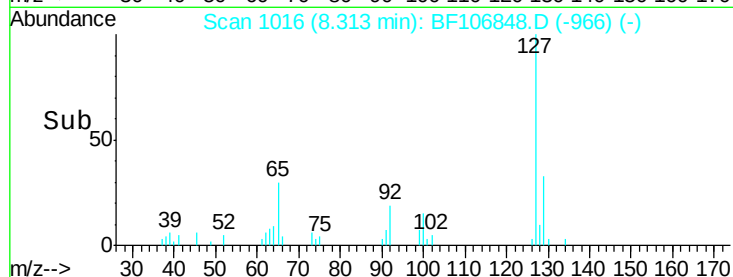
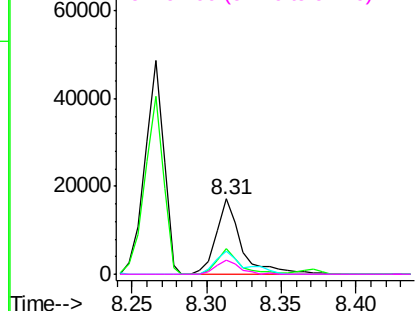
#33
4-Chloroaniline
Concen: 6.831 ng
RT: 8.31 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF106848.D
Acq: 27 Jun 2018 3:21

Instrument :
BNA_F
ClientSampleId :
PB110514BS

Tgt Ion:	127	Resp:	20201
Ion	Ratio	Lower	Upper
127	100		
129	33.3	25.9	38.9
65	29.9	25.0	37.4
92	19.2	15.2	22.8

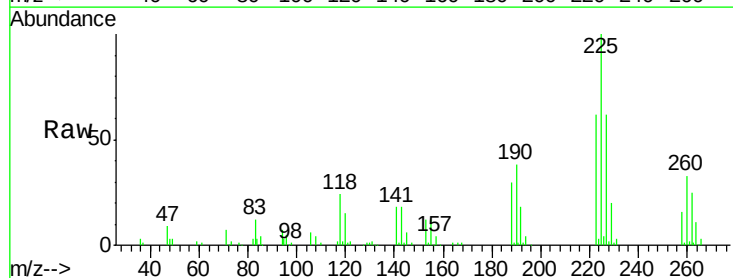


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

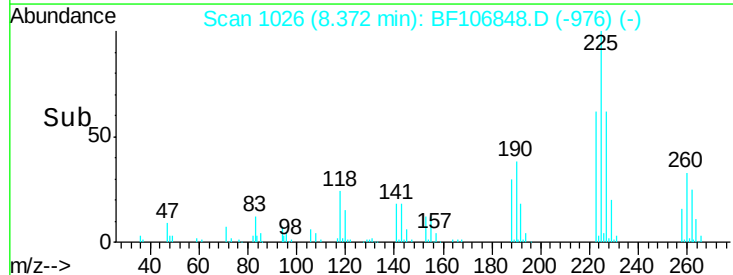
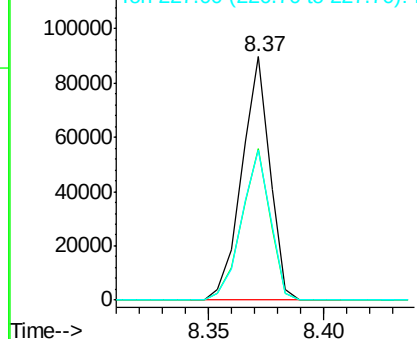


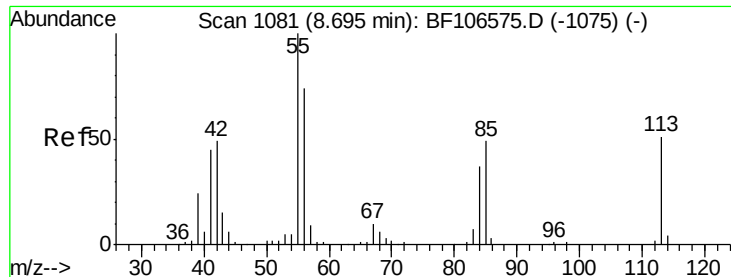
#34
Hexachlorobutadiene
Concen: 50.328 ng
RT: 8.37 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF106848.D
Acq: 27 Jun 2018 3:21

Tgt Ion:	225	Resp:	76423
Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.6	76.0
227	61.8	51.9	77.9



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

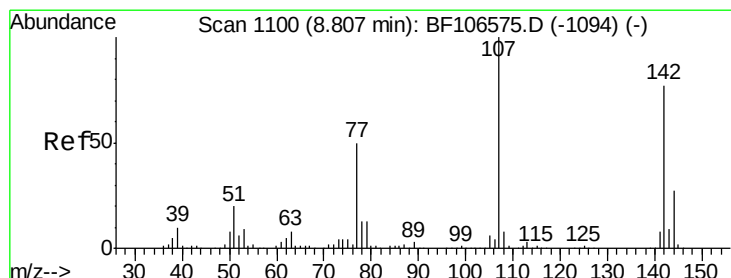
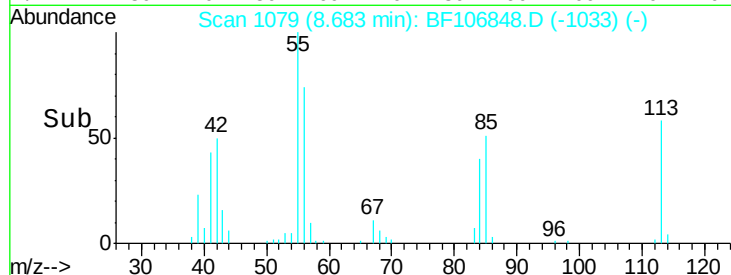
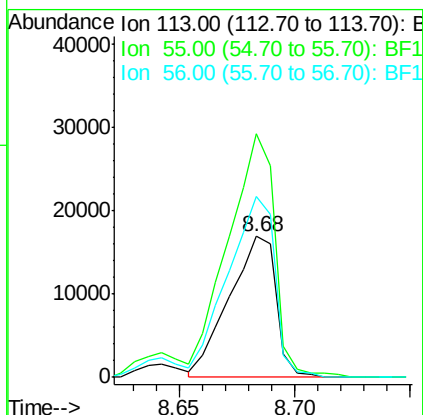
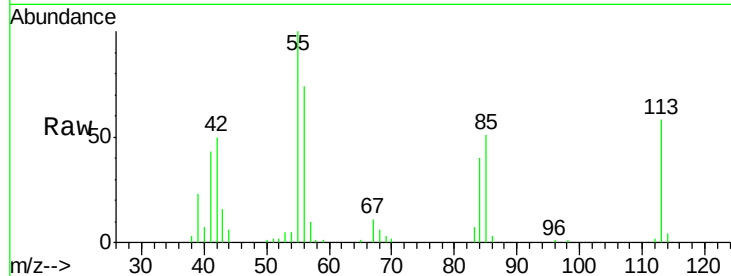




#35
 Caprolactam
 Concen: 34.806 ng
 RT: 8.68 min Scan# 1079
 Delta R.T. -0.03 min
 Lab File: BF106848.D
 Acq: 27 Jun 2018 3:21

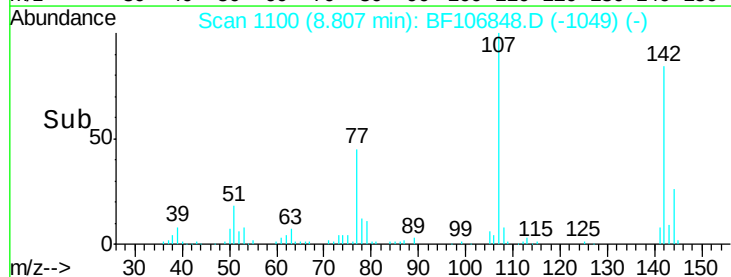
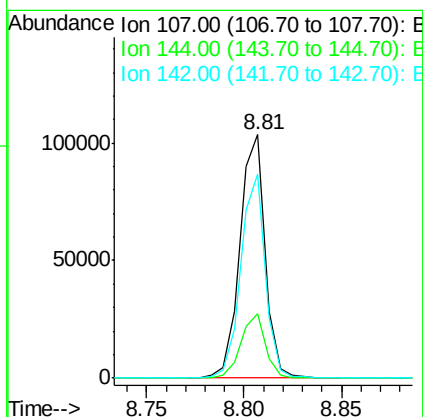
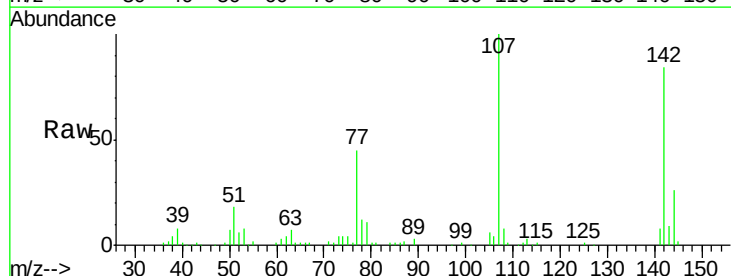
Instrument :
 BNA_F
 ClientSampleId :
 PB110514BS

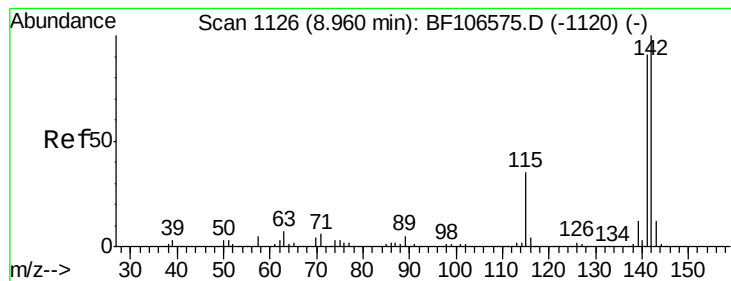
Tgt Ion:113 Resp: 24001
 Ion Ratio Lower Upper
 113 100
 55 172.8 163.3 203.3
 56 128.5 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 41.619 ng
 RT: 8.81 min Scan# 1100
 Delta R.T. -0.00 min
 Lab File: BF106848.D
 Acq: 27 Jun 2018 3:21

Tgt Ion:107 Resp: 92671
 Ion Ratio Lower Upper
 107 100
 144 26.4 20.5 30.7
 142 83.6 62.0 93.0





#37

2-Methylnaphthalene

Concen: 48.625 ng

RT: 8.95 min Scan# 1125

Delta R.T. -0.01 min

Lab File: BF106848.D

Acq: 27 Jun 2018 3:21

Instrument :

BNA_F

ClientSampleId :

PB110514BS

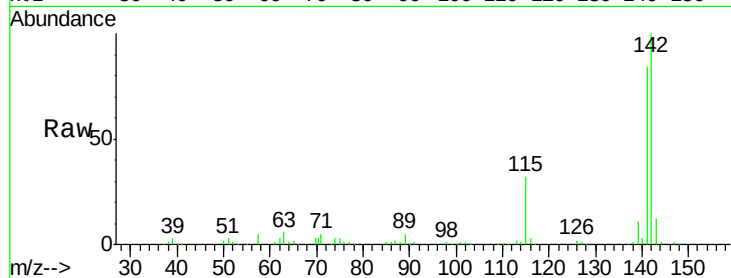
Tgt Ion:142 Resp: 227140

Ion Ratio Lower Upper

142 100

141 84.3 70.8 106.2

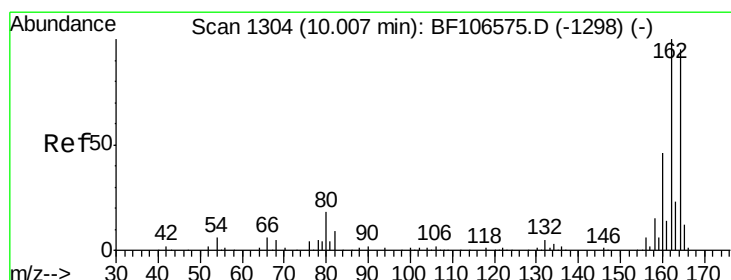
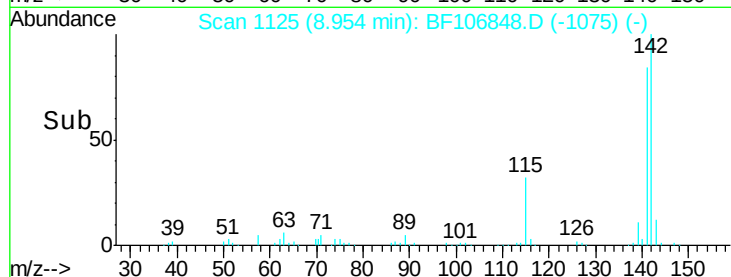
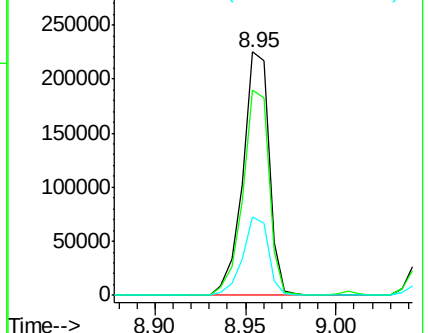
115 32.0 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF106848.D

Acq: 27 Jun 2018 3:21

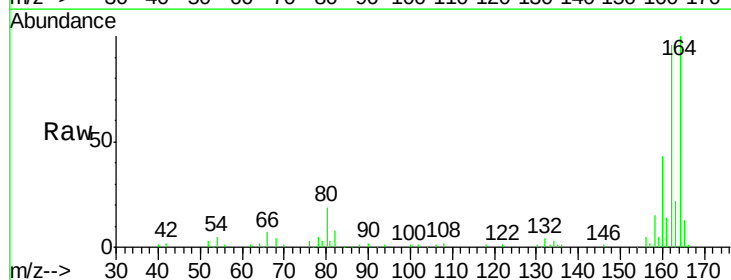
Tgt Ion:164 Resp: 68647

Ion Ratio Lower Upper

164 100

162 96.3 86.1 129.1

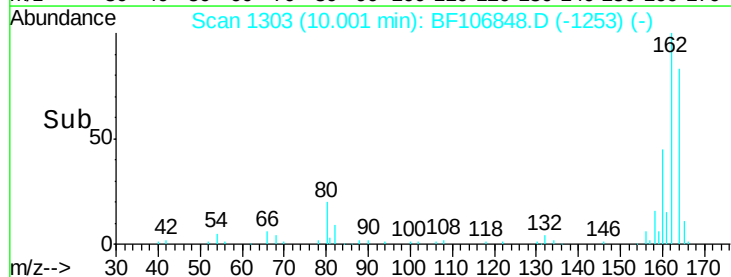
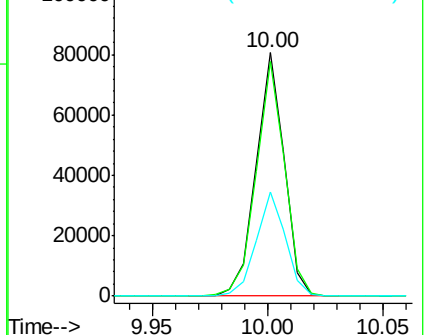
160 42.7 38.3 57.5

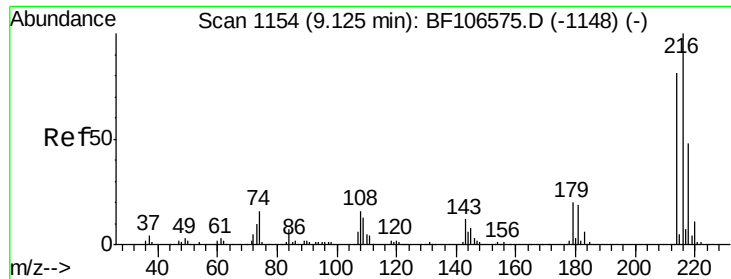


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

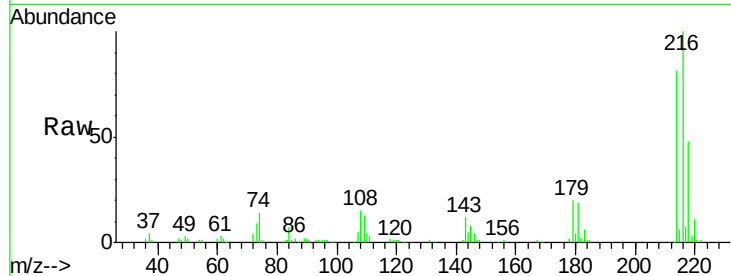




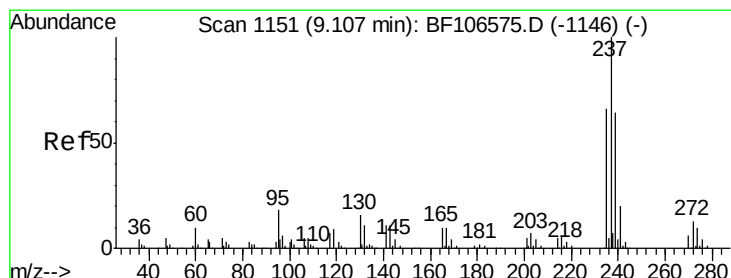
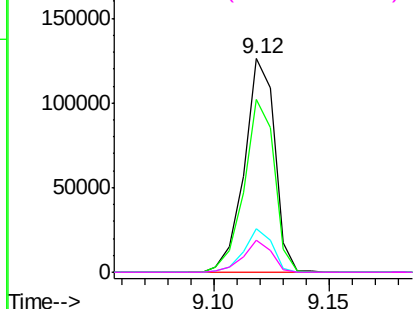
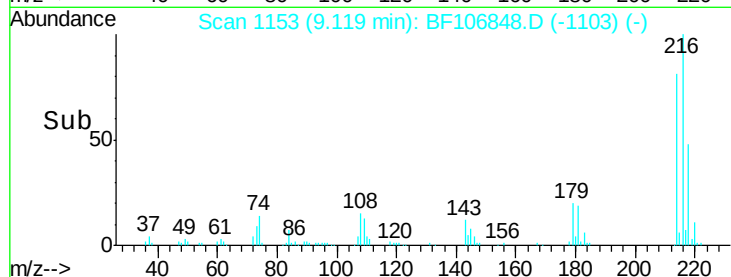
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 50.253 ng
 RT: 9.12 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF106848.D
 Acq: 27 Jun 2018 3:21

Instrument :
 BNA_F
 ClientSampleId :
 PB110514BS

Tgt Ion:	216	Resp:	116176
Ion Ratio	Lower	Upper	
216	100		
214	80.4	63.0	94.4
179	19.3	18.1	27.1
108	14.3	17.2	25.8#

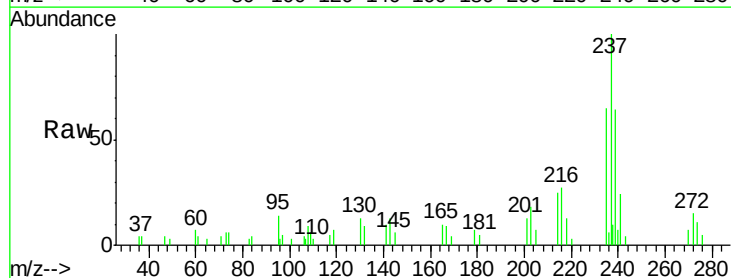


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

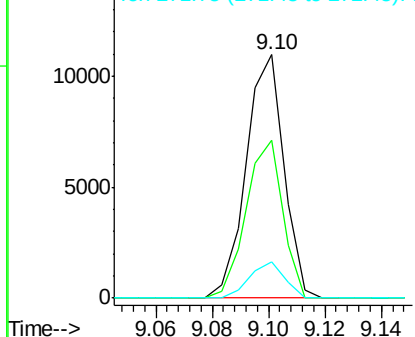
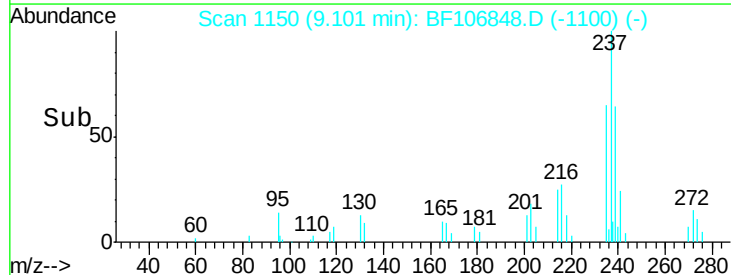


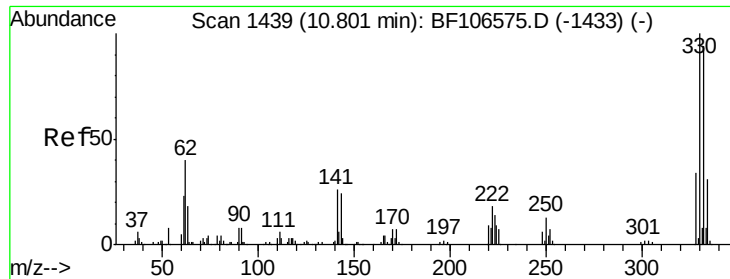
#40
 Hexachlorocyclopentadiene
 Concen: 8.530 ng
 RT: 9.10 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF106848.D
 Acq: 27 Jun 2018 3:21

Tgt Ion:	237	Resp:	10146
Ion Ratio	Lower	Upper	
237	100		
235	64.7	44.8	84.8
272	14.6	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

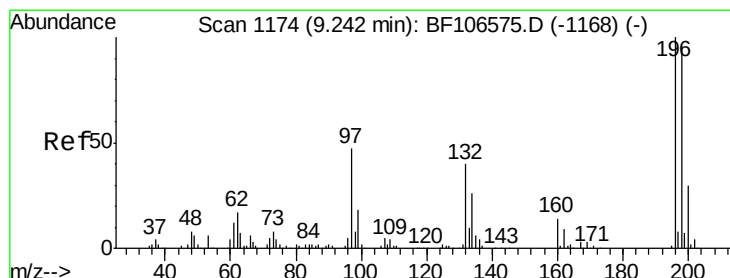
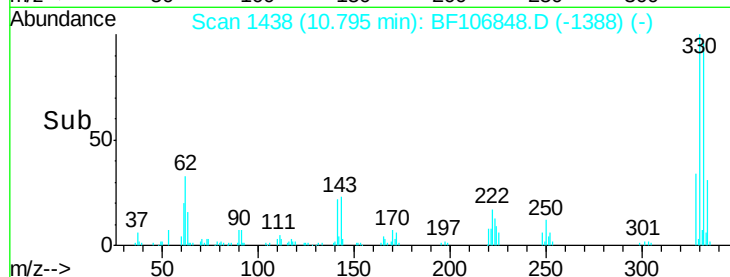
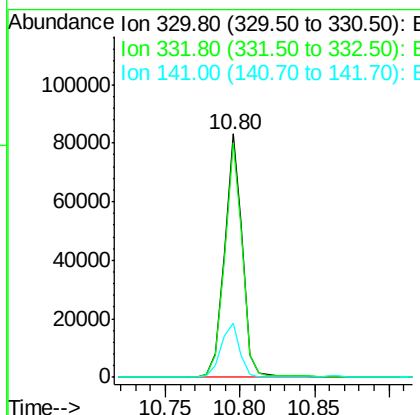
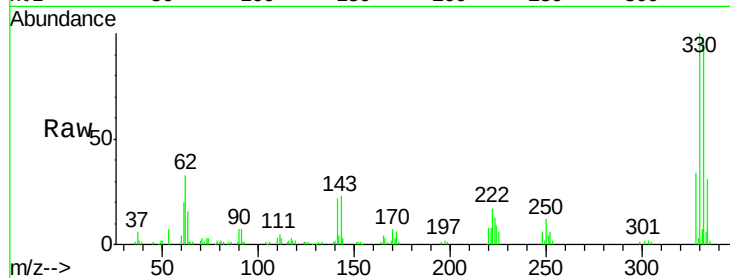




#41
 2,4,6-Tribromophenol
 Concen: 88.392 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106848.D
 Acq: 27 Jun 2018 3:21

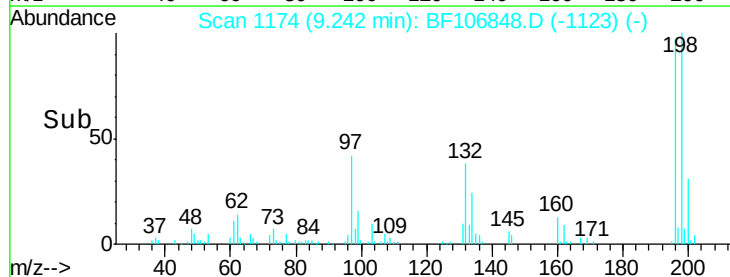
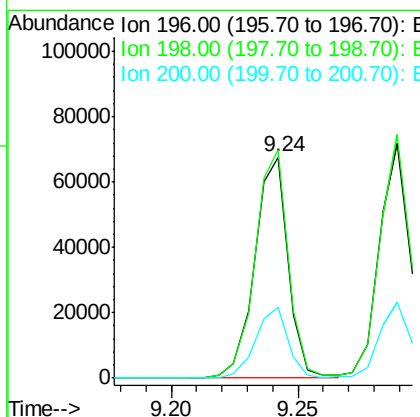
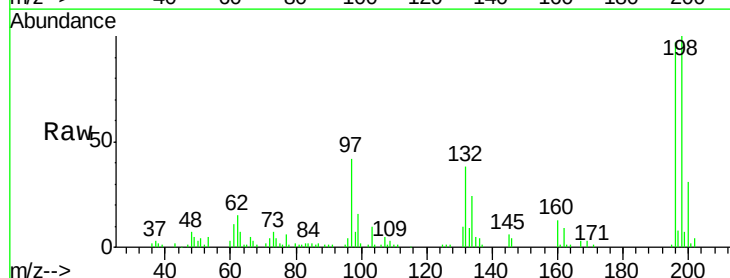
Instrument :
 BNA_F
 ClientSampleId :
 PB110514BS

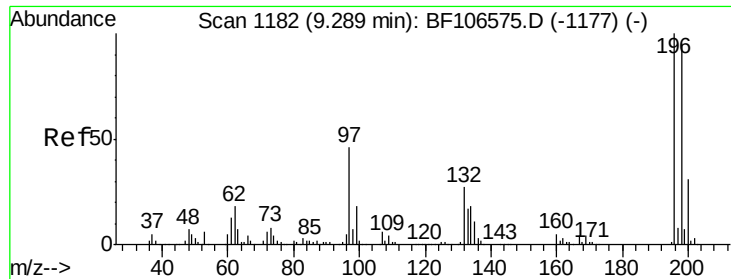
Tgt Ion:330 Resp: 70328
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 23.1 29.9 44.9#



#42
 2,4,6-Trichlorophenol
 Concen: 40.656 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: BF106848.D
 Acq: 27 Jun 2018 3:21

Tgt Ion:196 Resp: 62477
 Ion Ratio Lower Upper
 196 100
 198 103.1 75.7 113.5
 200 32.1 24.5 36.7

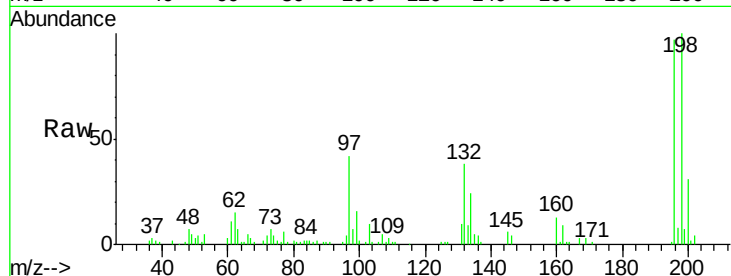




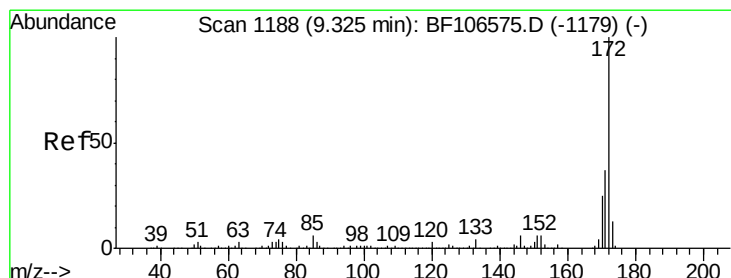
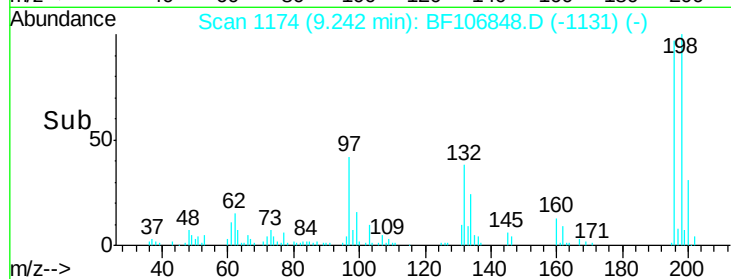
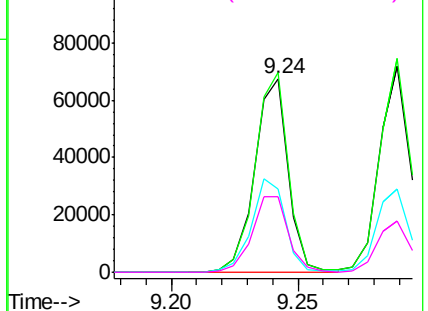
#43
 2,4,5-Trichlorophenol
 Concen: 38.963 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. -0.05 min
 Lab File: BF106848.D
 Acq: 27 Jun 2018 3:21

Instrument :
 BNA_F
 ClientSampleId :
 PB110514BS

Tgt Ion:196 Resp: 62477
 Ion Ratio Lower Upper
 196 100
 198 103.1 74.6 112.0
 97 43.2 42.9 64.3
 132 39.3 26.3 39.5

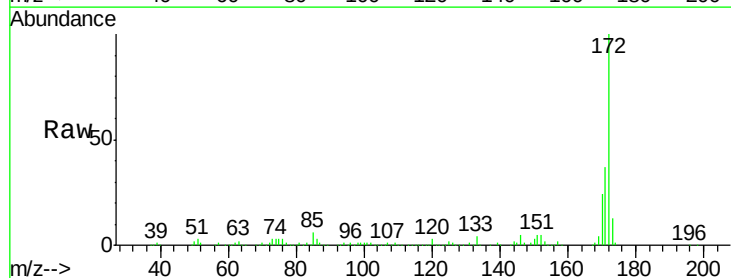


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

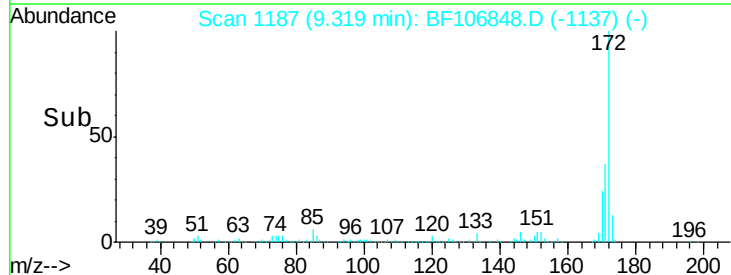
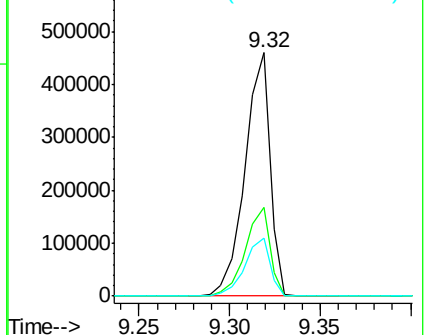


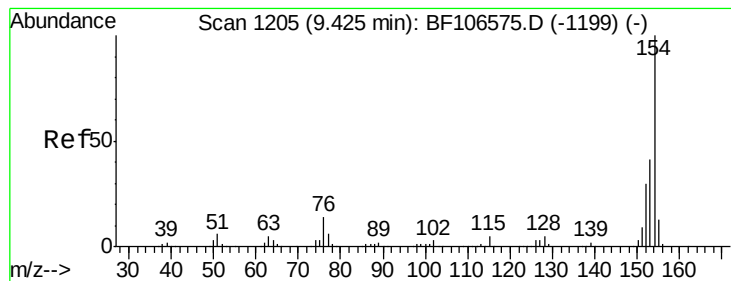
#44
 2-Fluorobiphenyl
 Concen: 114.668 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106848.D
 Acq: 27 Jun 2018 3:21

Tgt Ion:172 Resp: 444171
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 24.0 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: 48.831 ng

RT: 9.42 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF106848.D

Acq: 27 Jun 2018 3:21

Instrument :

BNA_F

ClientSampleId :

PB110514BS

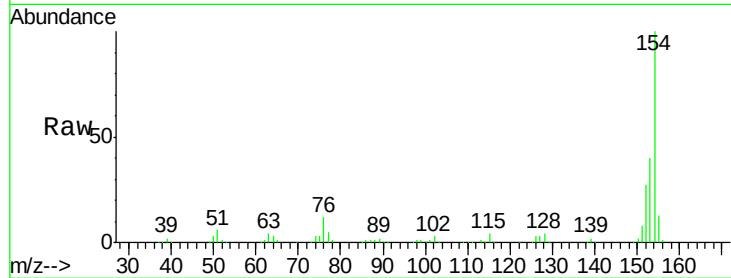
Tgt Ion:154 Resp: 267145

Ion Ratio Lower Upper

154 100

153 40.2 21.3 61.3

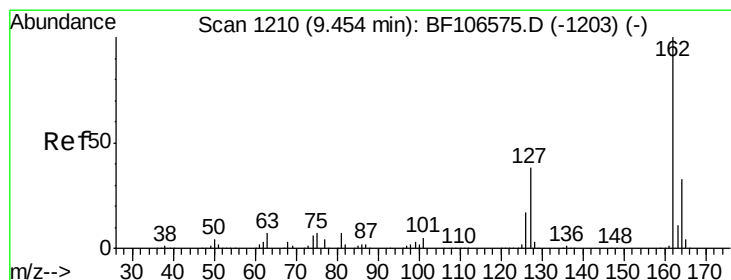
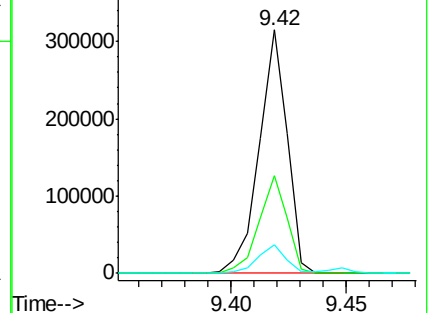
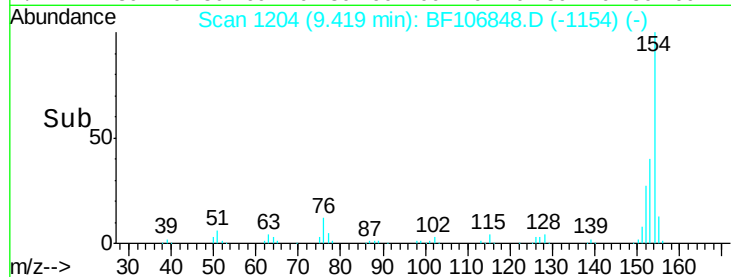
76 11.5 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 44.173 ng

RT: 9.45 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF106848.D

Acq: 27 Jun 2018 3:21

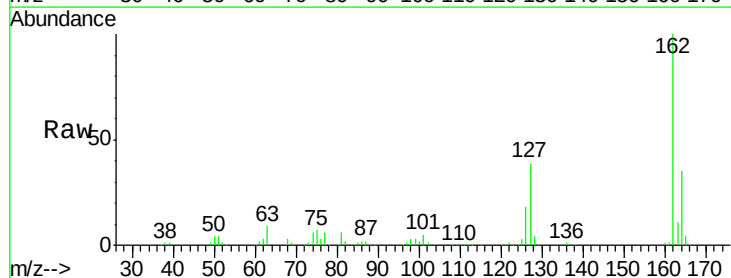
Tgt Ion:162 Resp: 190223

Ion Ratio Lower Upper

162 100

127 39.0 33.9 50.9

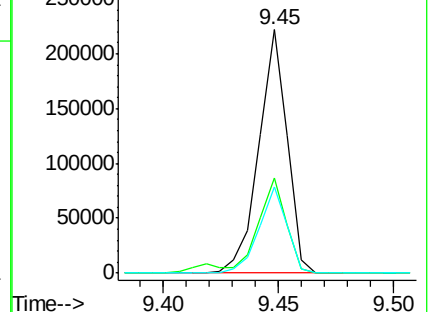
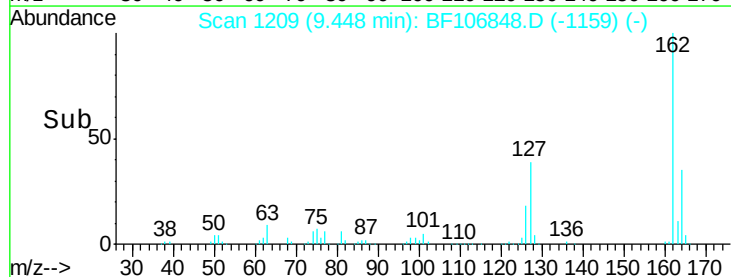
164 35.5 26.5 39.7

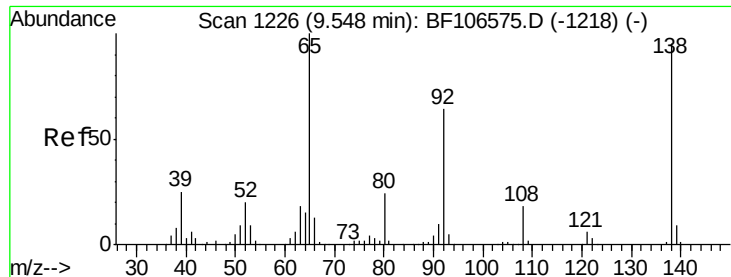


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

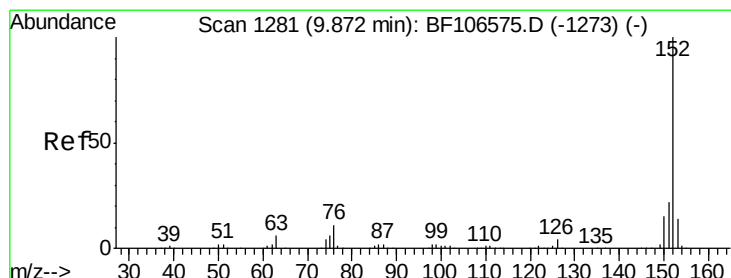
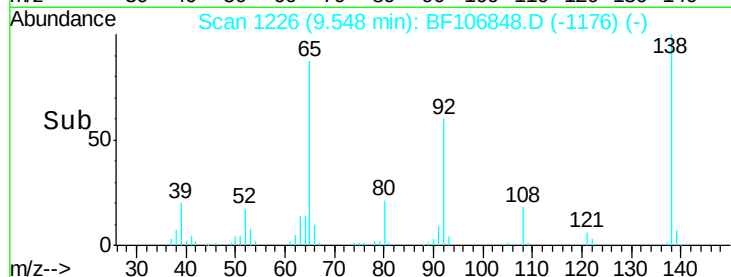
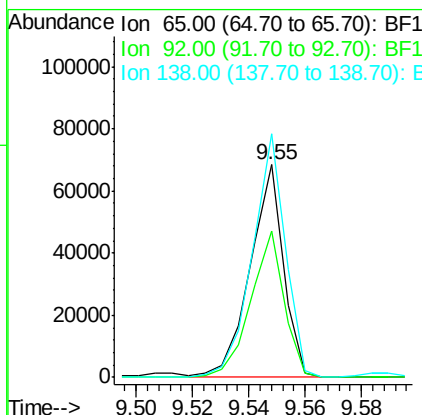
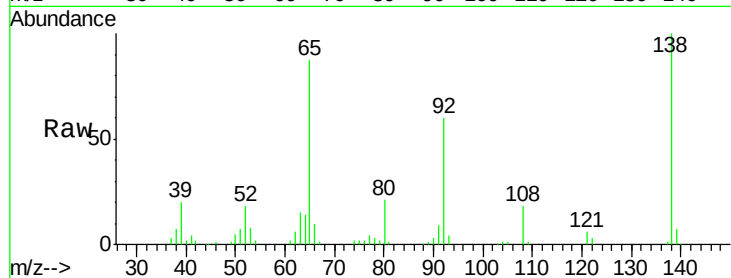




#47
2-Nitroaniline
Concen: 38.671 ng
RT: 9.55 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF106848.D
Acq: 27 Jun 2018 3:21

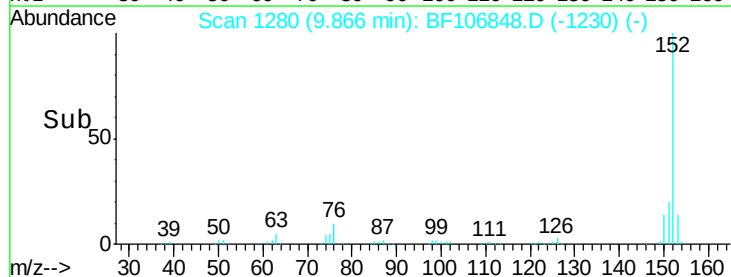
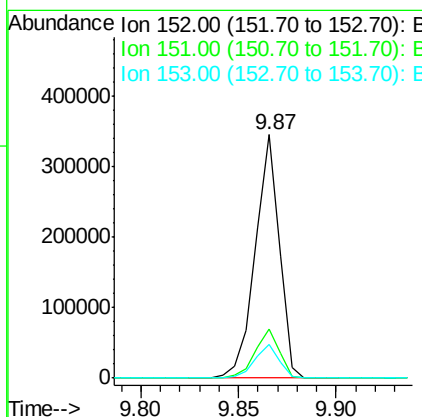
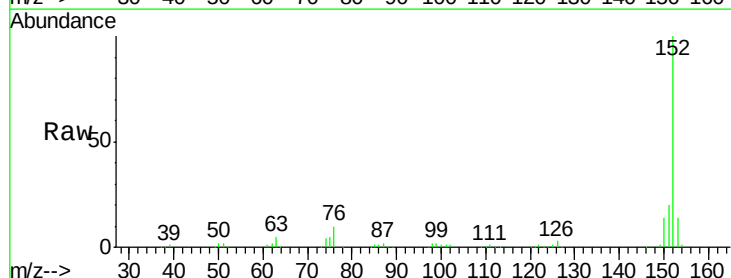
Instrument :
BNA_F
ClientSampleId :
PB110514BS

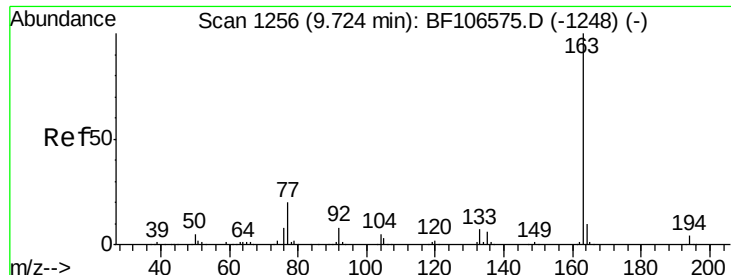
Tgt Ion: 65 Resp: 55999
Ion Ratio Lower Upper
65 100
92 68.9 55.8 83.6
138 114.5 91.2 136.8



#48
Acenaphthylene
Concen: 43.479 ng
RT: 9.87 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF106848.D
Acq: 27 Jun 2018 3:21

Tgt Ion: 152 Resp: 295608
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 13.9 10.7 16.1

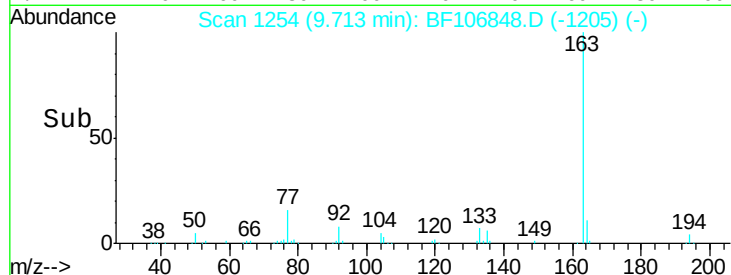
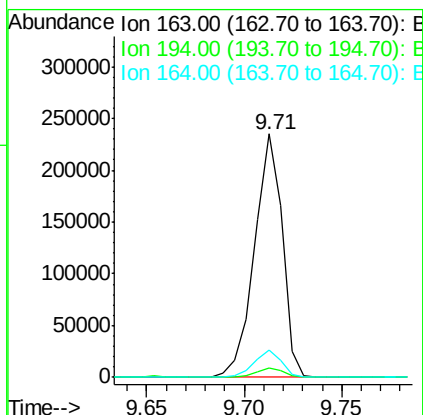
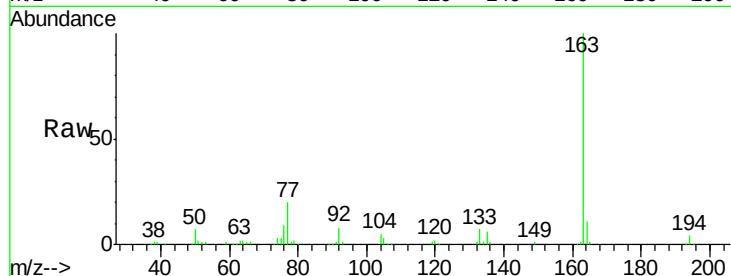




#49
Dimethylphthalate
Concen: 44.998 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF106848.D
Acq: 27 Jun 2018 3:21

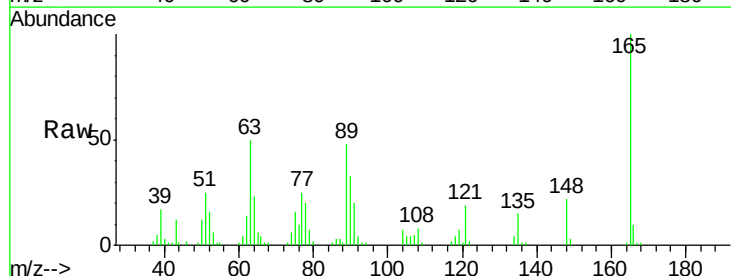
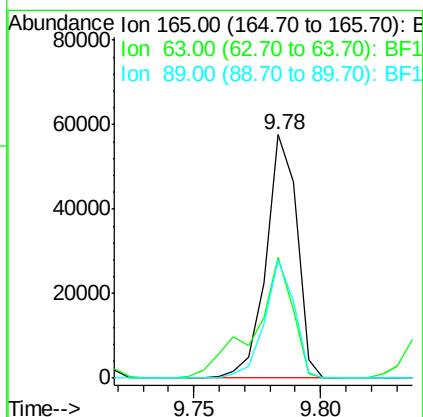
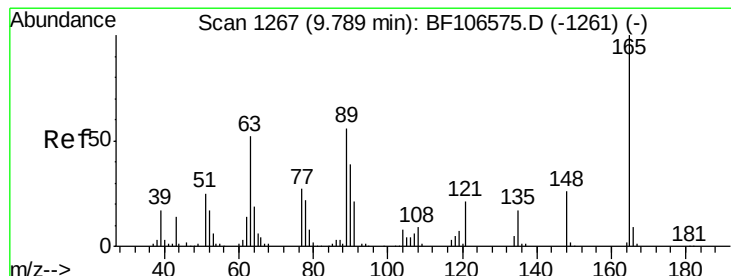
Instrument :
BNA_F
ClientSampleId :
PB110514BS

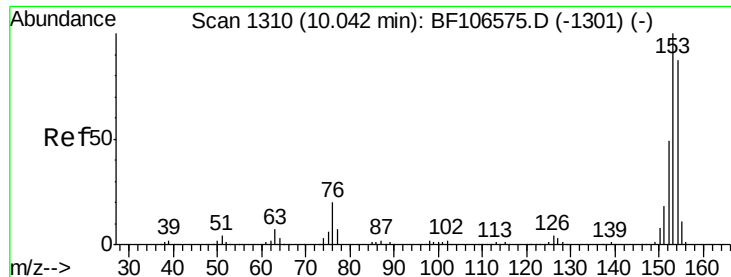
Tgt Ion:163 Resp: 231676
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 11.0 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 44.646 ng
RT: 9.78 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BF106848.D
Acq: 27 Jun 2018 3:21

Tgt Ion:165 Resp: 48675
Ion Ratio Lower Upper
165 100
63 49.8 44.7 67.1
89 48.3 44.0 66.0





#51

Acenaphthene

Concen: 40.938 ng

RT: 10.04 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF106848.D

Acq: 27 Jun 2018 3:21

Instrument :

BNA_F

ClientSampleId :

PB110514BS

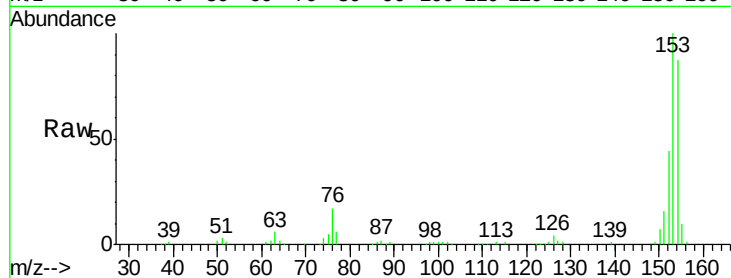
Tgt Ion:154 Resp: 175269

Ion Ratio Lower Upper

154 100

153 115.6 91.2 136.8

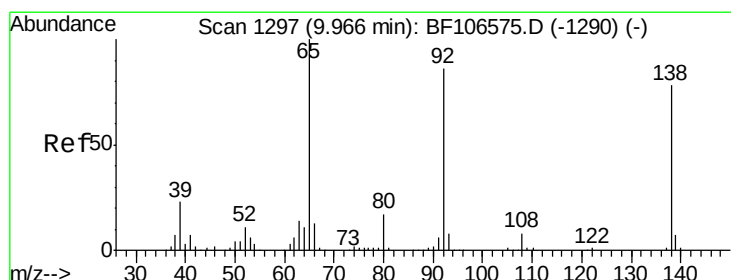
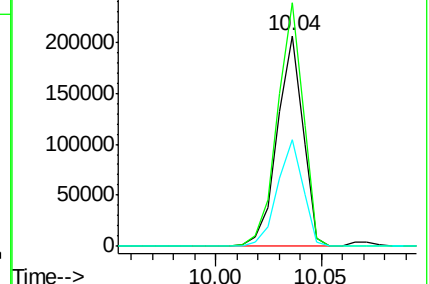
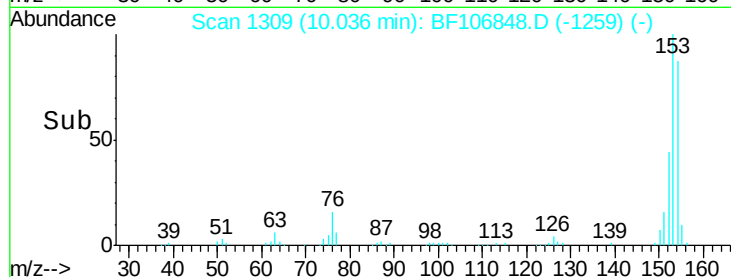
152 50.9 43.8 65.8



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: 23.721 ng

RT: 9.96 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF106848.D

Acq: 27 Jun 2018 3:21

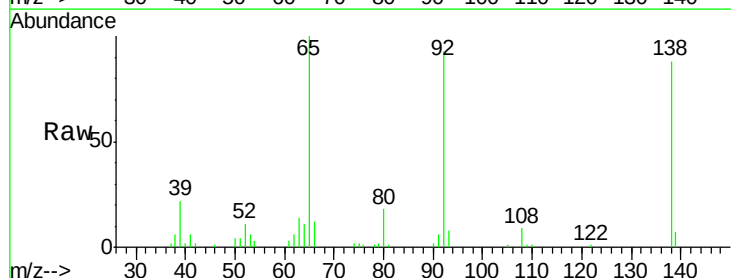
Tgt Ion:138 Resp: 29760

Ion Ratio Lower Upper

138 100

108 10.7 9.4 14.0

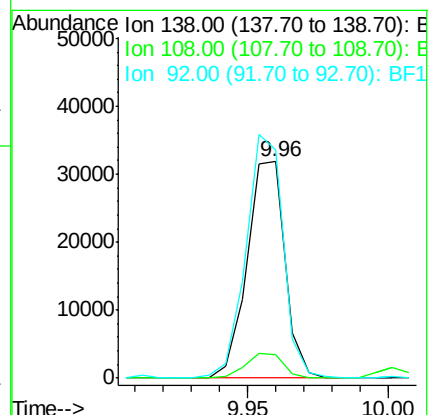
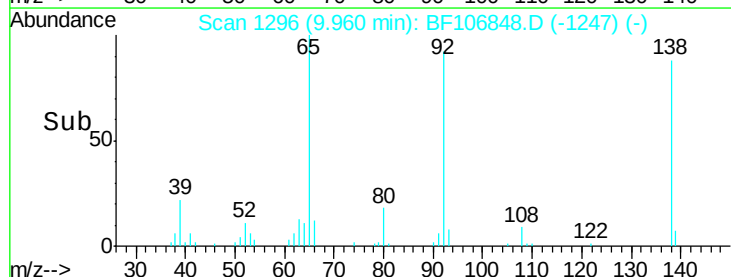
92 105.4 89.4 134.2

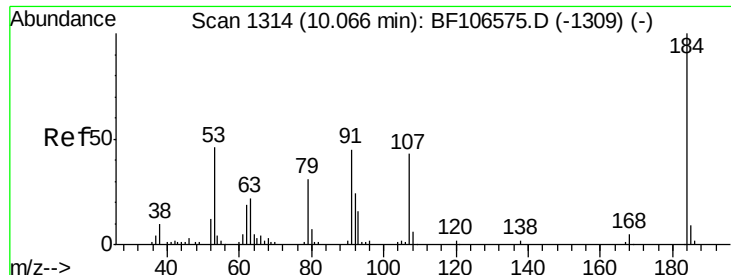


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

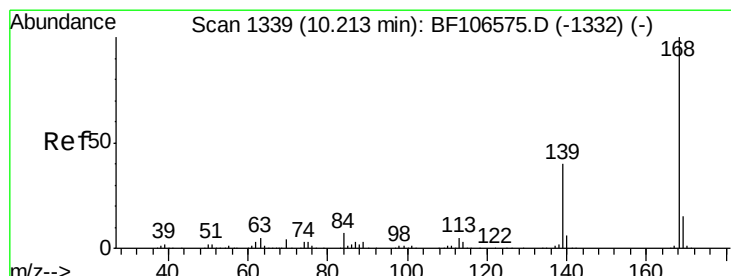
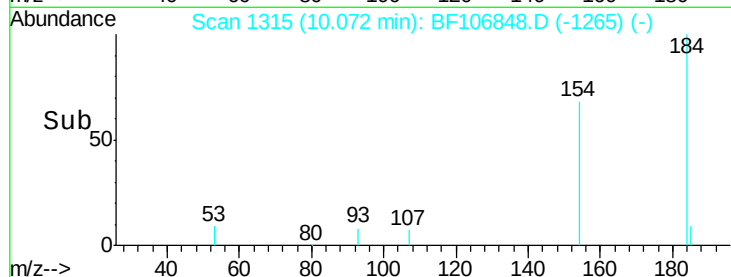
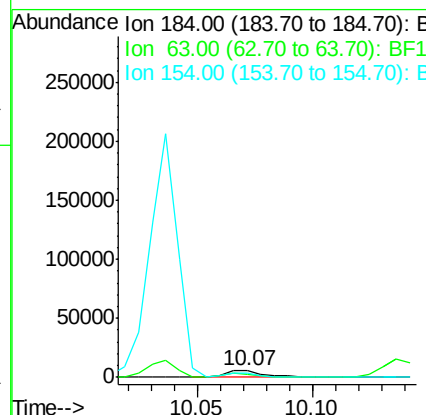
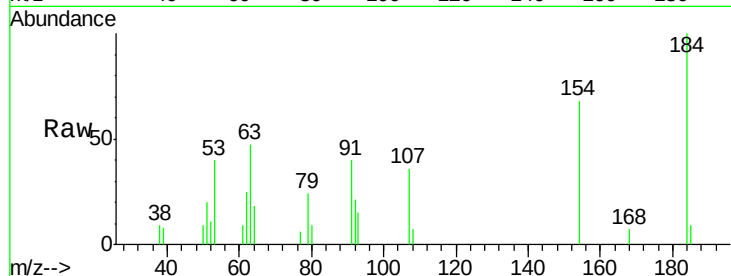




#53
 2,4-Dinitrophenol
 Concen: 16.242 ng
 RT: 10.07 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF106848.D
 Acq: 27 Jun 2018 3:21

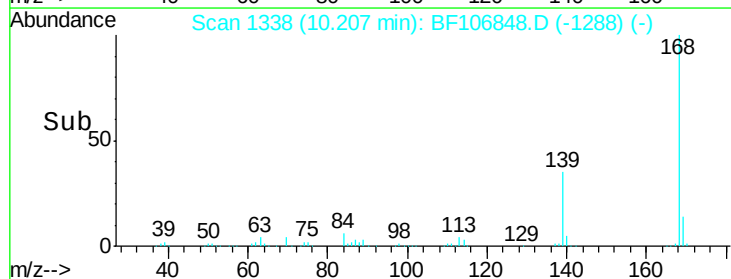
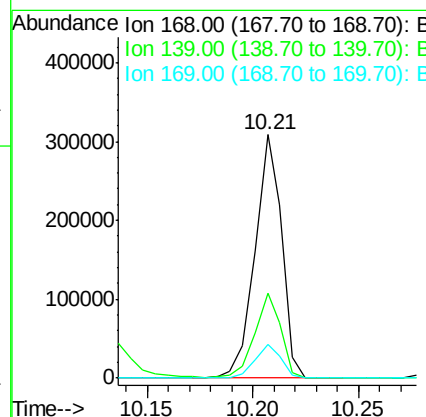
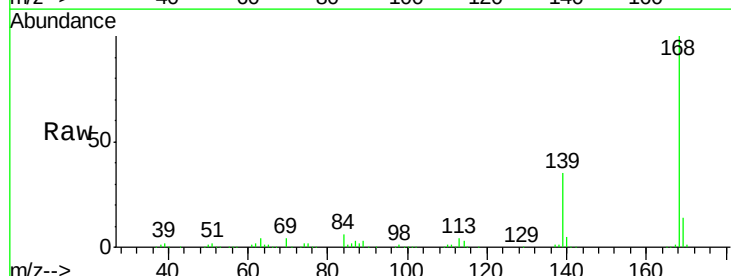
Instrument :
 BNA_F
 ClientSampleId :
 PB110514BS

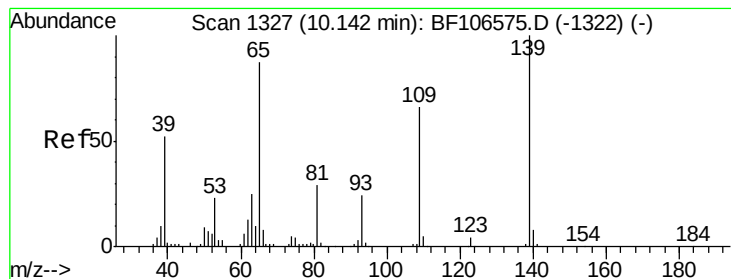
Tgt Ion:184 Resp: 6615
 Ion Ratio Lower Upper
 184 100
 63 47.3 54.2 81.2#
 154 68.3 184.0 276.0#



#54
 Dibenzofuran
 Concen: 46.289 ng
 RT: 10.21 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF106848.D
 Acq: 27 Jun 2018 3:21

Tgt Ion:168 Resp: 271366
 Ion Ratio Lower Upper
 168 100
 139 35.0 30.1 45.1
 169 13.6 10.9 16.3





#55

4-Nitrophenol

Concen: 52.448 ng

RT: 10.14 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF106848.D

Acq: 27 Jun 2018 3:21

Instrument :

BNA_F

ClientSampleId :

PB110514BS

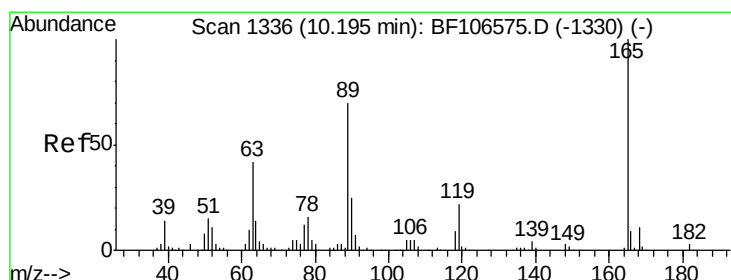
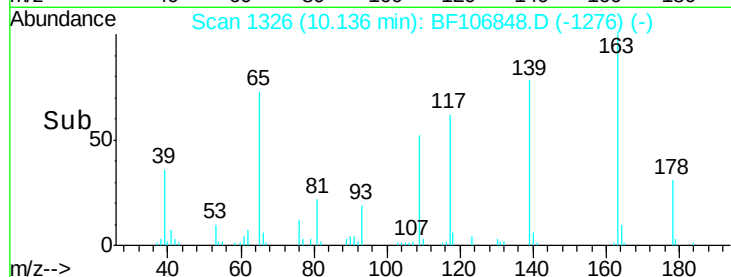
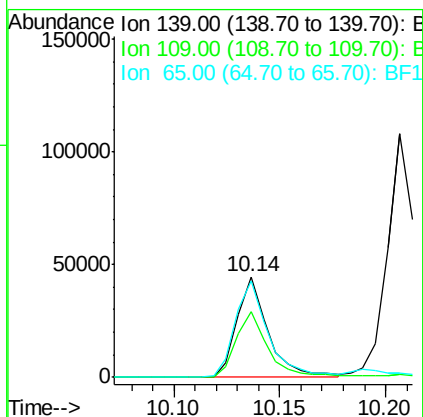
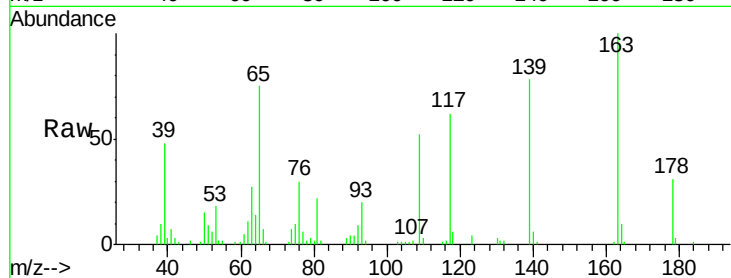
Tgt Ion:139 Resp: 45929

Ion Ratio Lower Upper

139 100

109 66.0 48.4 88.4

65 96.2 72.6 112.6



#56

2,4-Dinitrotoluene

Concen: 42.039 ng

RT: 10.19 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF106848.D

Acq: 27 Jun 2018 3:21

Tgt Ion:165 Resp: 59824

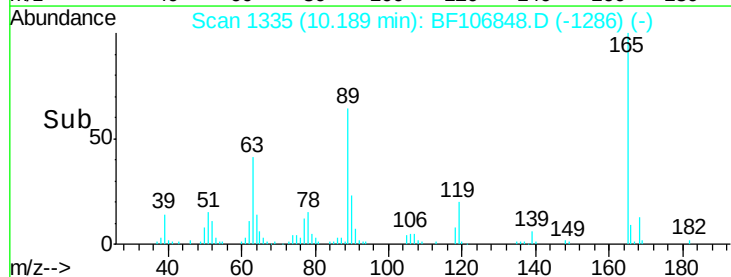
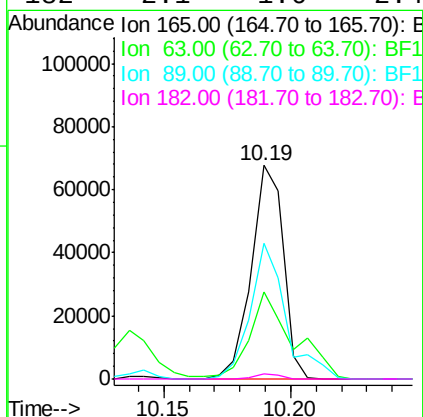
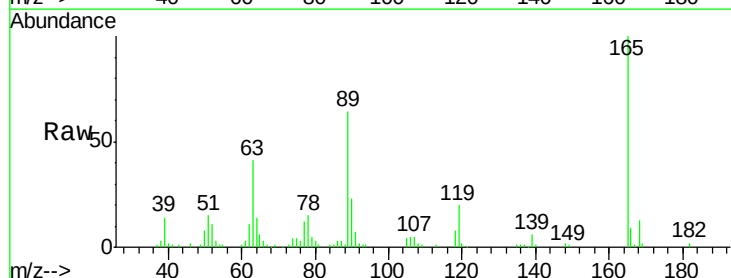
Ion Ratio Lower Upper

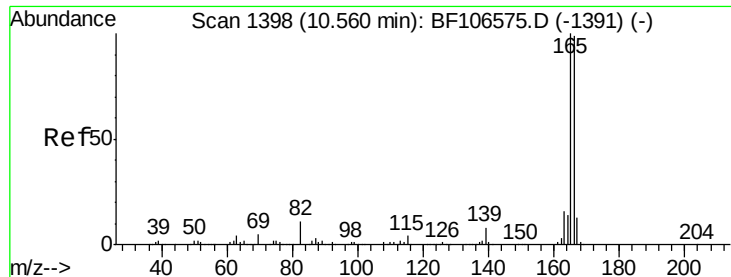
165 100

63 40.6 36.4 54.6

89 63.6 57.8 86.6

182 2.1 1.6 2.4

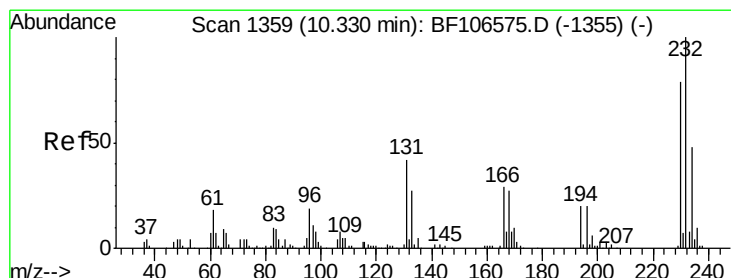
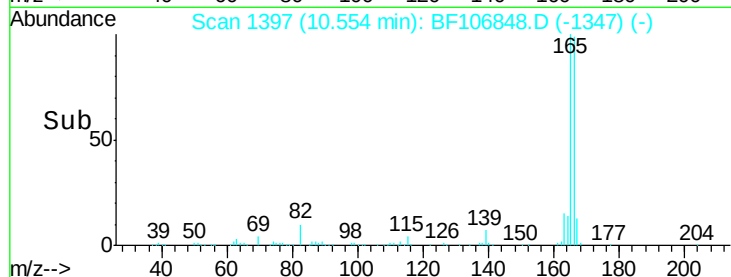
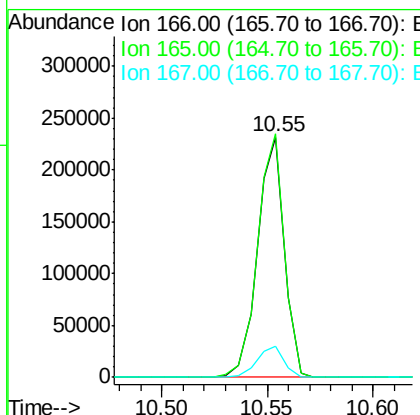
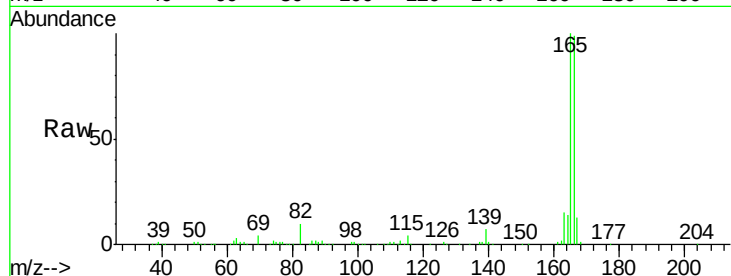




#57
 Fluorene
 Concen: 43.983 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF106848.D
 Acq: 27 Jun 2018 3:21

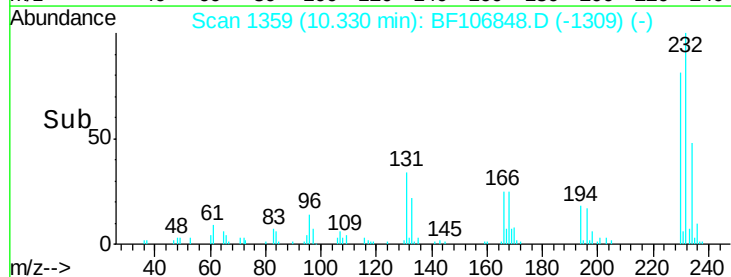
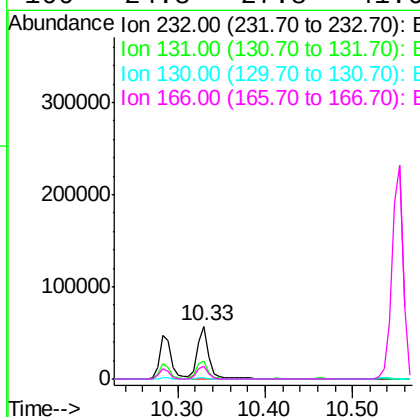
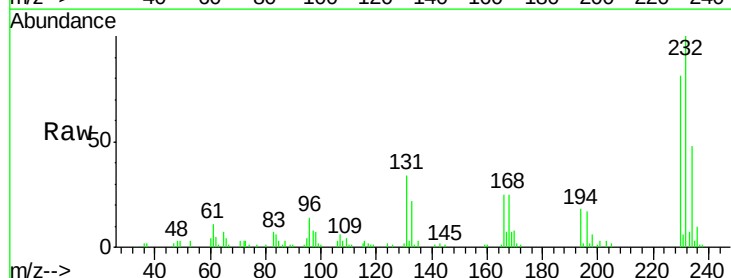
Instrument :
 BNA_F
 ClientSampleId :
 PB110514BS

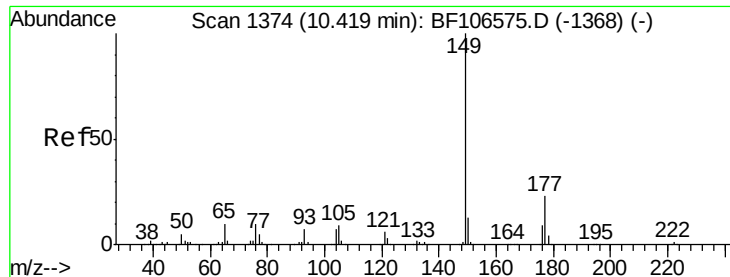
Tgt Ion:166 Resp: 204611
 Ion Ratio Lower Upper
 166 100
 165 101.4 79.8 119.8
 167 13.0 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.667 ng
 RT: 10.33 min Scan# 1359
 Delta R.T. -0.01 min
 Lab File: BF106848.D
 Acq: 27 Jun 2018 3:21

Tgt Ion:232 Resp: 53111
 Ion Ratio Lower Upper
 232 100
 131 34.6 43.8 65.8#
 130 1.1 2.1 3.1#
 166 24.8 27.8 41.6#

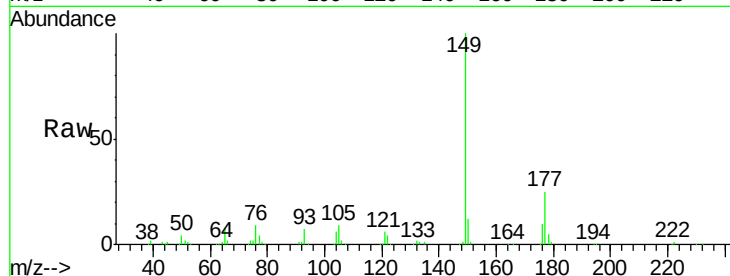




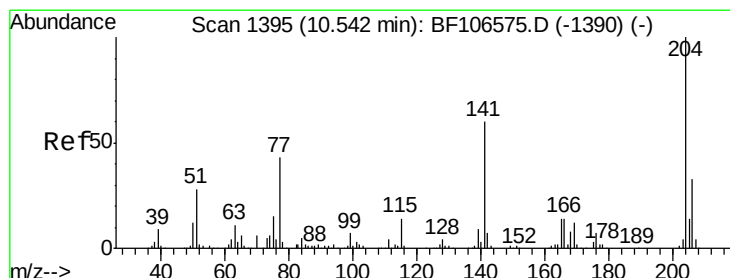
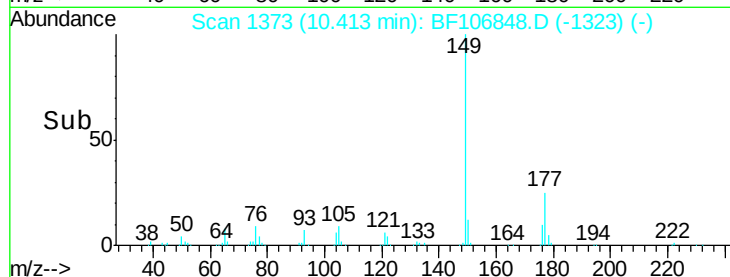
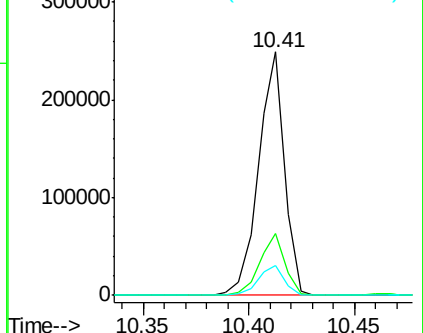
#59
Diethylphthalate
Concen: 42.781 ng
RT: 10.41 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF106848.D
Acq: 27 Jun 2018 3:21

Instrument :
BNA_F
ClientSampleId :
PB110514BS

Tgt Ion:149 Resp: 212590
Ion Ratio Lower Upper
149 100
177 25.4 16.1 24.1#
150 12.3 10.1 15.1

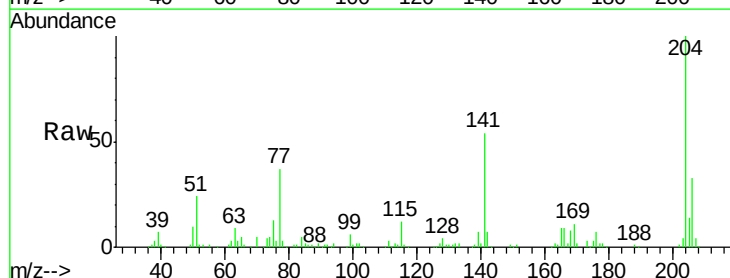


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

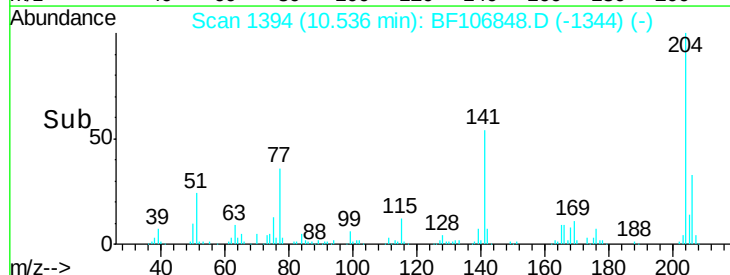
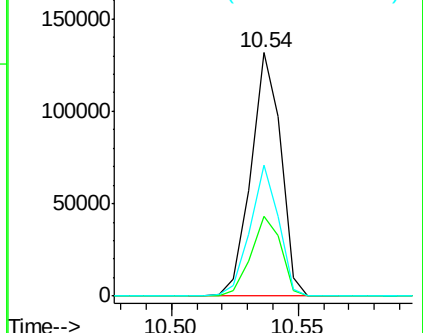


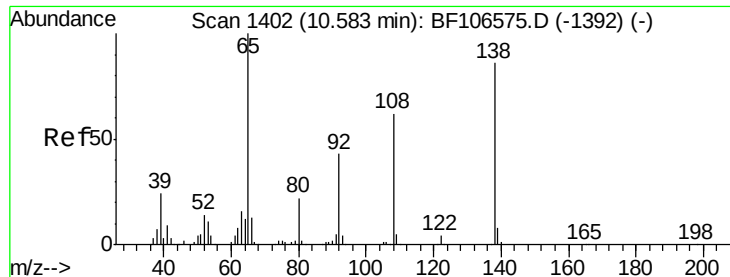
#60
4-Chlorophenyl-phenylether
Concen: 44.464 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF106848.D
Acq: 27 Jun 2018 3:21

Tgt Ion:204 Resp: 108228
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 53.7 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

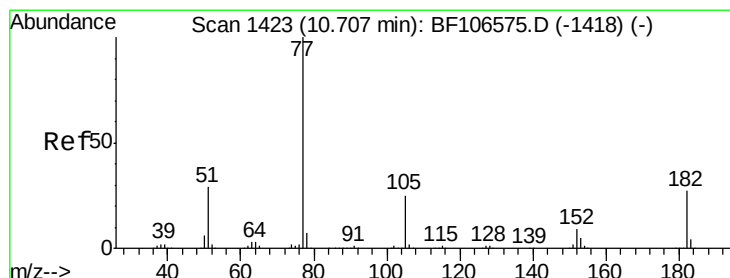
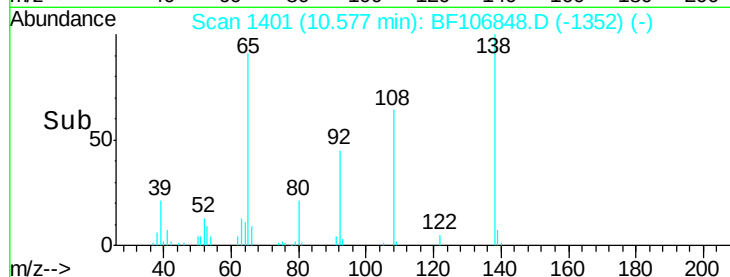
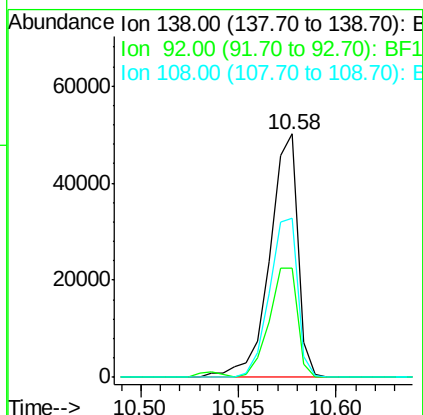
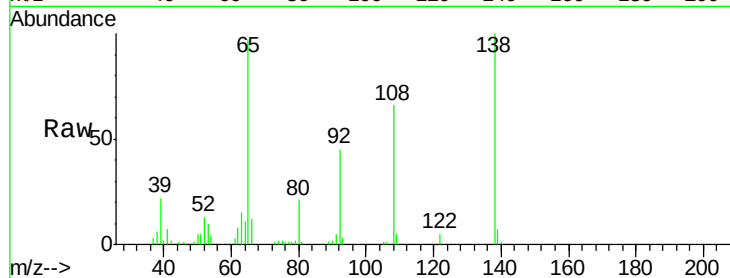




#61
4-Nitroaniline
Concen: 40.149 ng
RT: 10.58 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF106848.D
Acq: 27 Jun 2018 3:21

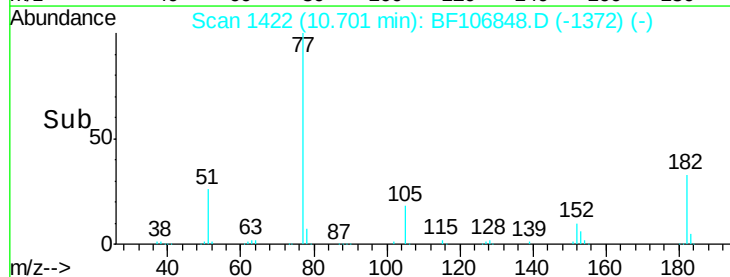
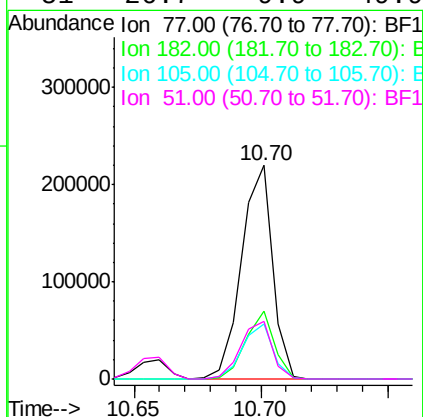
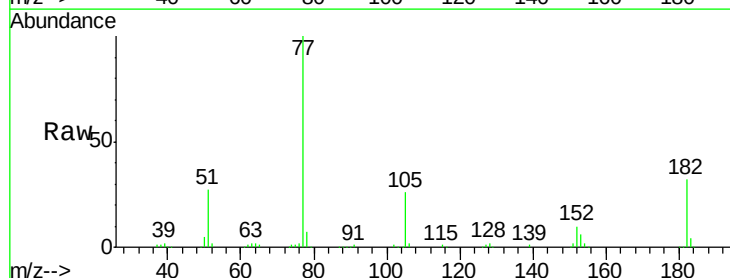
Instrument :
BNA_F
ClientSampleId :
PB110514BS

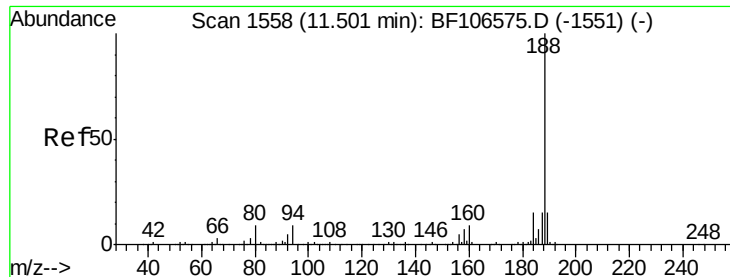
Tgt Ion:138 Resp: 49989
Ion Ratio Lower Upper
138 100
92 44.6 30.2 70.2
108 65.5 52.5 92.5



#62
Azobenzene
Concen: 38.310 ng
RT: 10.70 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF106848.D
Acq: 27 Jun 2018 3:21

Tgt Ion: 77 Resp: 187472
Ion Ratio Lower Upper
77 100
182 31.6 1.7 41.7
105 25.7 3.0 43.0
51 26.7 9.9 49.9

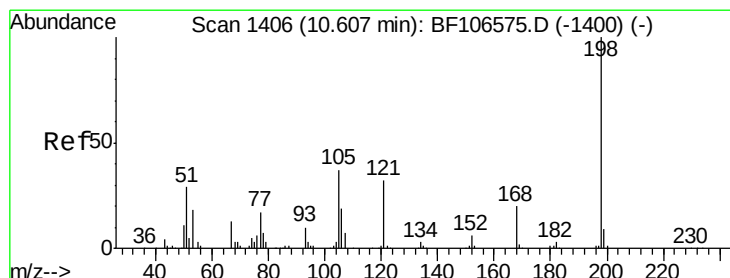
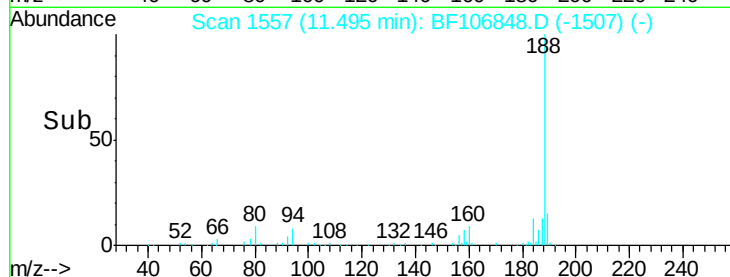
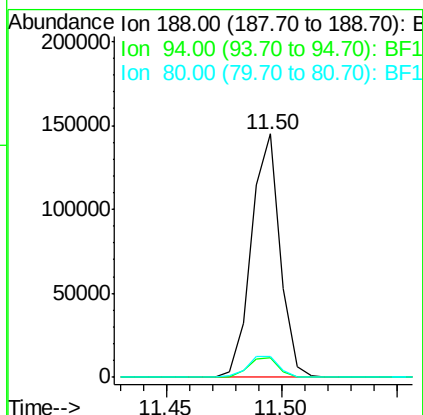
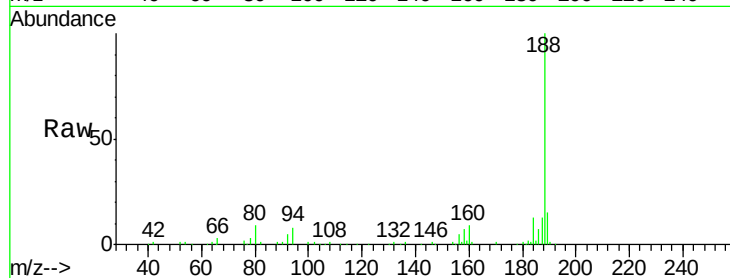




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106848.D
Acq: 27 Jun 2018 3:21

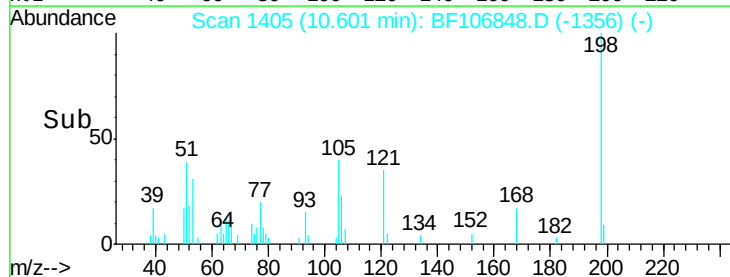
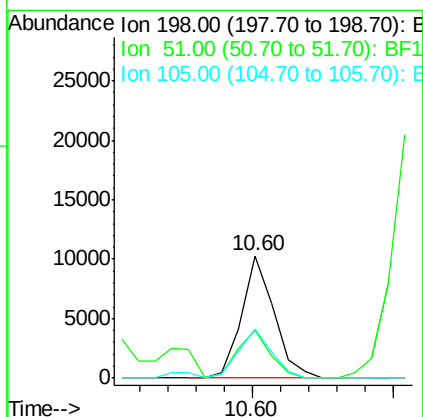
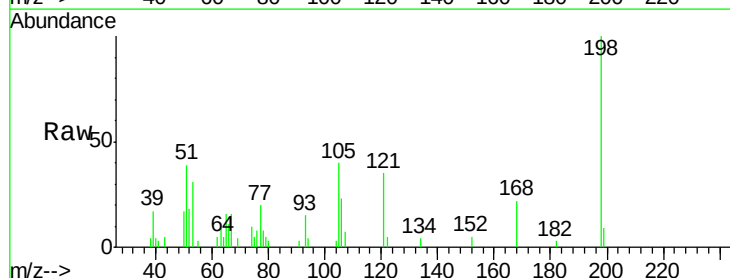
Instrument :
BNA_F
ClientSampleId :
PB110514BS

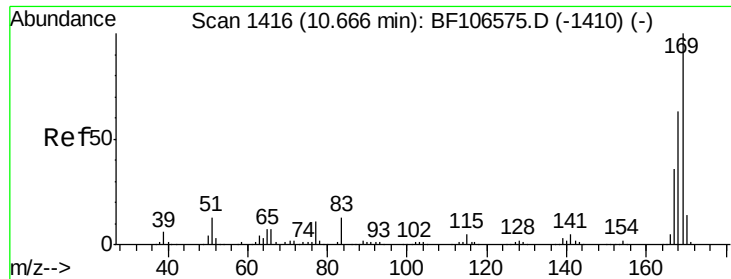
Tgt Ion:188 Resp: 125334
Ion Ratio Lower Upper
188 100
94 8.2 8.5 12.7#
80 8.5 9.2 13.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 10.663 ng
RT: 10.60 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF106848.D
Acq: 27 Jun 2018 3:21

Tgt Ion:198 Resp: 8261
Ion Ratio Lower Upper
198 100
51 38.7 37.7 77.7
105 40.1 36.3 76.3

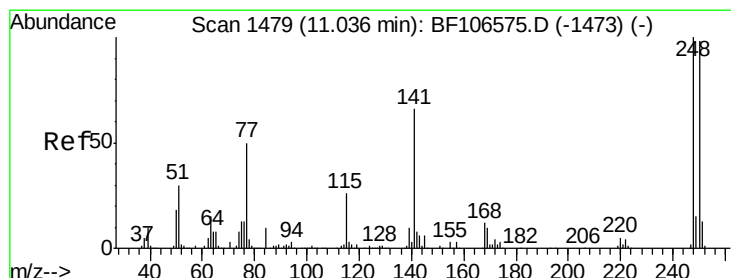
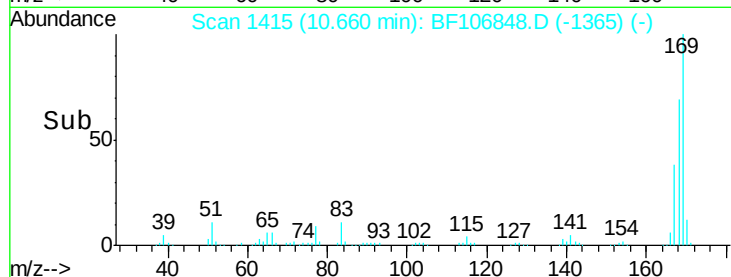
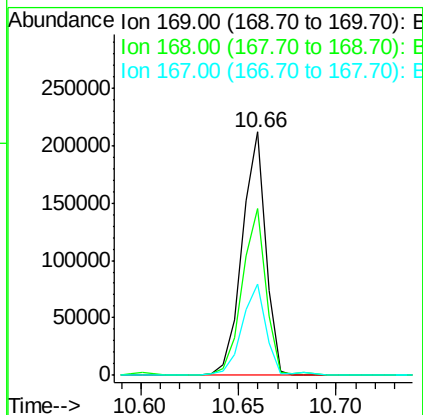
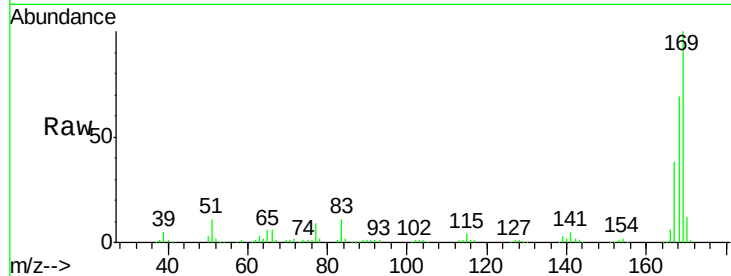




#65
 n-Nitrosodiphenylamine
 Concen: 42.105 ng
 RT: 10.66 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: BF106848.D
 Acq: 27 Jun 2018 3:21

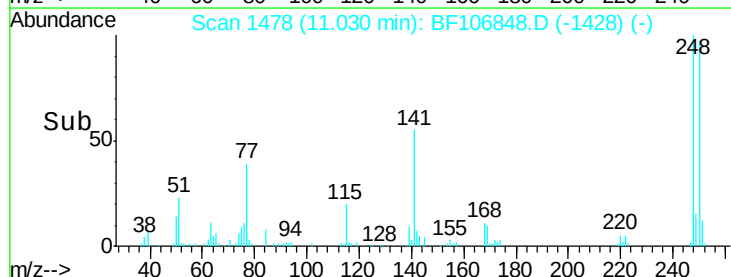
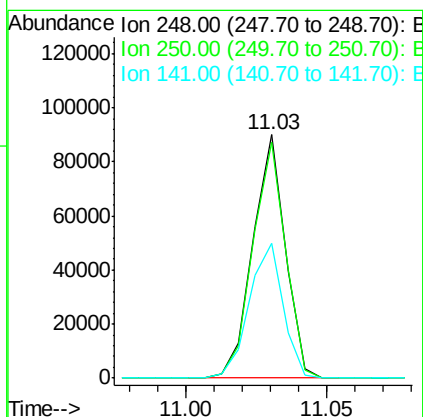
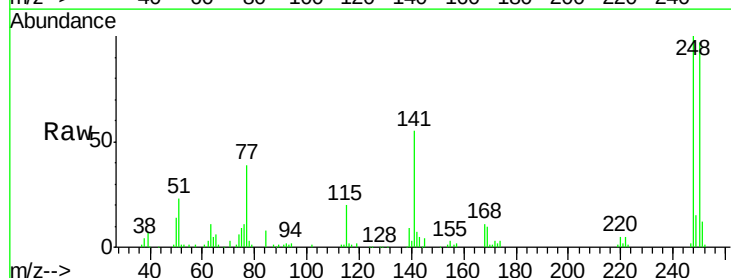
Instrument :
 BNA_F
 ClientSampleId :
 PB110514BS

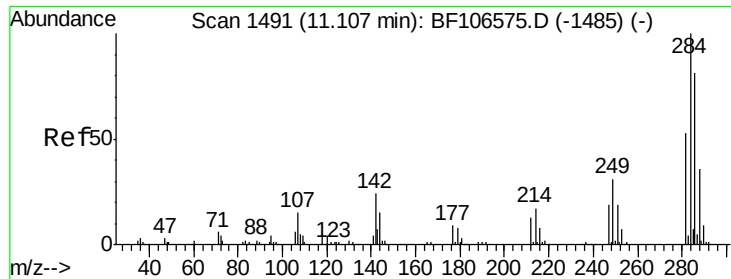
Tgt Ion:169 Resp: 177500
 Ion Ratio Lower Upper
 169 100
 168 68.6 54.4 81.6
 167 37.6 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 48.080 ng
 RT: 11.03 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF106848.D
 Acq: 27 Jun 2018 3:21

Tgt Ion:248 Resp: 71917
 Ion Ratio Lower Upper
 248 100
 250 96.9 76.9 115.3
 141 55.4 74.4 111.6#

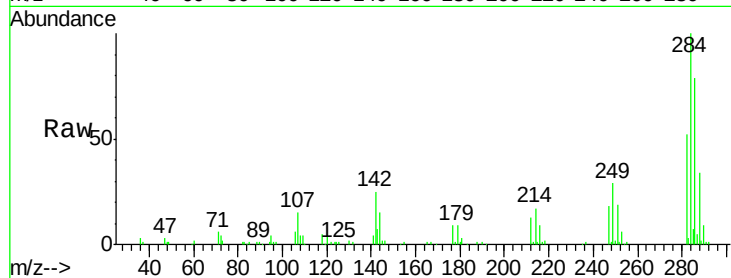




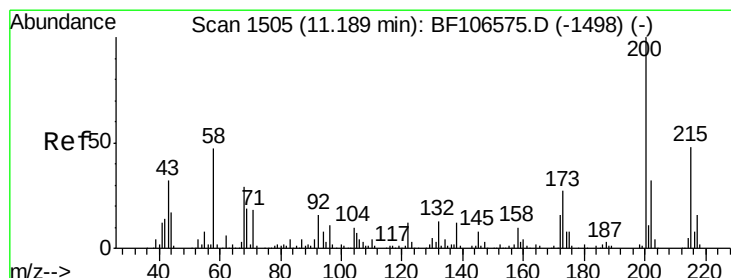
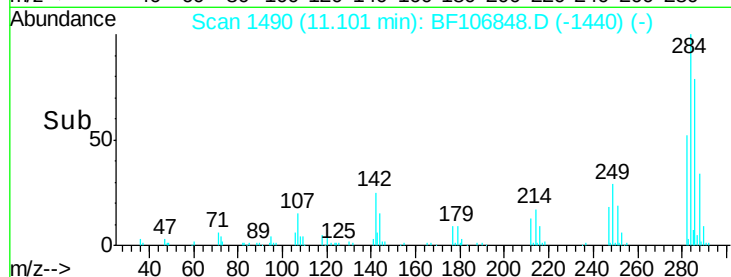
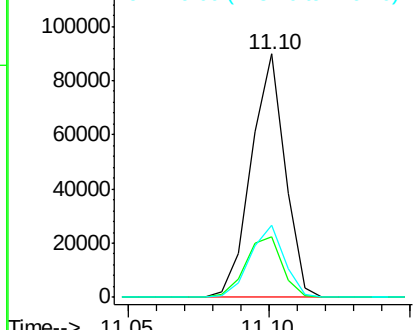
#67
Hexachlorobenzene
Concen: 47.468 ng
RT: 11.10 min Scan# 1490
Delta R.T. -0.01 min
Lab File: BF106848.D
Acq: 27 Jun 2018 3:21

Instrument :
BNA_F
ClientSampleId :
PB110514BS

Tgt Ion: 284 Resp: 74313
Ion Ratio Lower Upper
284 100
142 24.9 34.6 52.0#
249 29.4 24.8 37.2

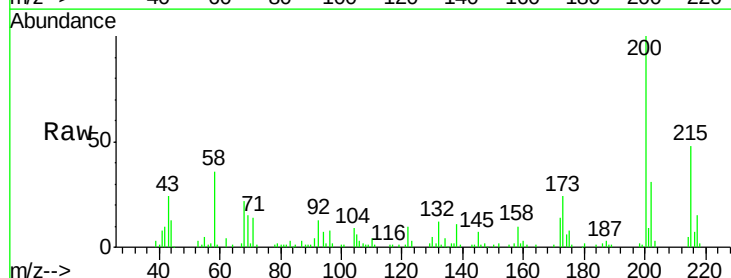


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

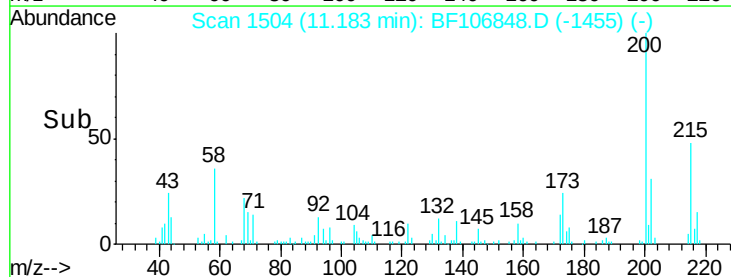
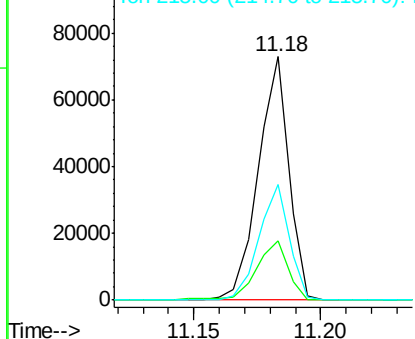


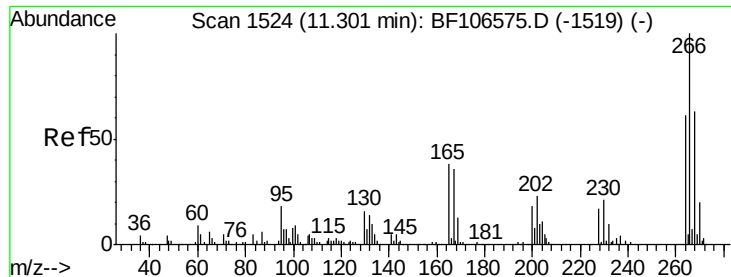
#68
Atrazine
Concen: 45.735 ng
RT: 11.18 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BF106848.D
Acq: 27 Jun 2018 3:21

Tgt Ion: 200 Resp: 61292
Ion Ratio Lower Upper
200 100
173 24.2 8.6 48.6
215 47.6 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

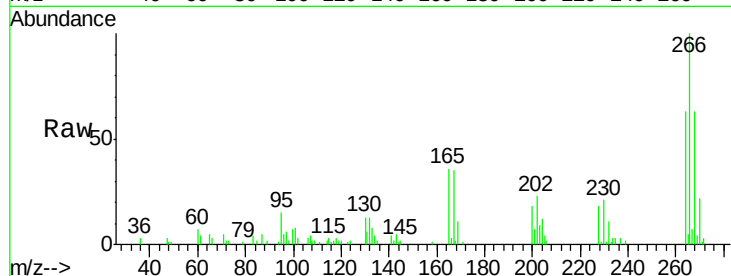




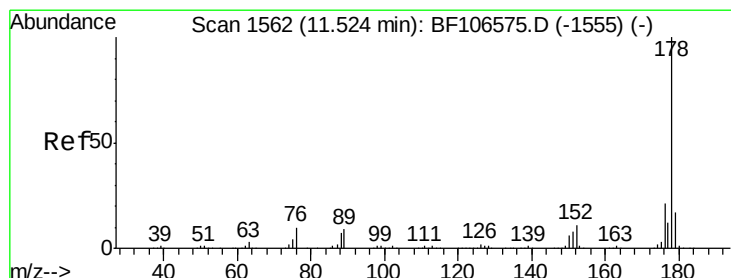
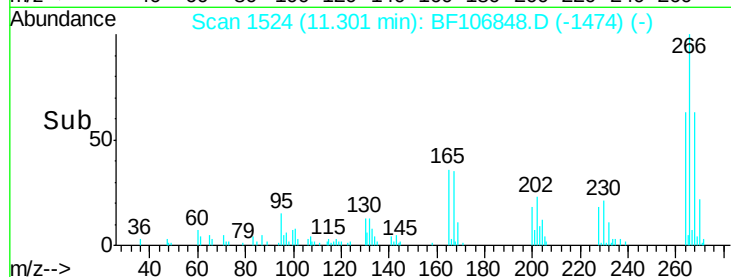
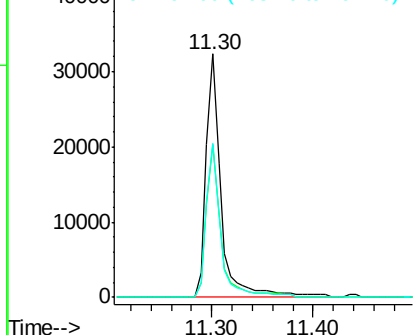
#69
 Pentachlorophenol
 Concen: 42.688 ng
 RT: 11.30 min Scan# 1524
 Delta R.T. -0.01 min
 Lab File: BF106848.D
 Acq: 27 Jun 2018 3:21

Instrument :
 BNA_F
 ClientSampleId :
 PB110514BS

Tgt Ion:266 Resp: 33346
 Ion Ratio Lower Upper
 266 100
 268 62.6 51.1 76.7
 264 63.3 49.5 74.3

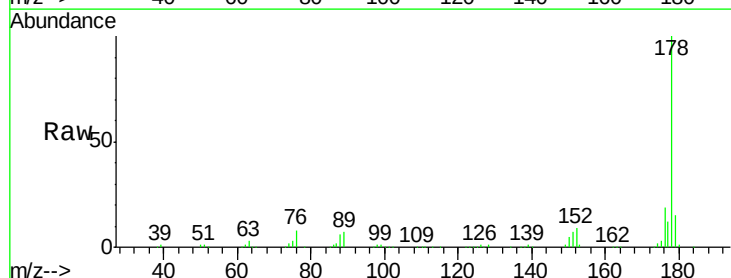


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

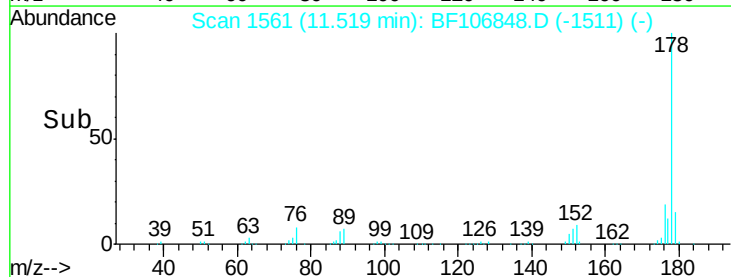
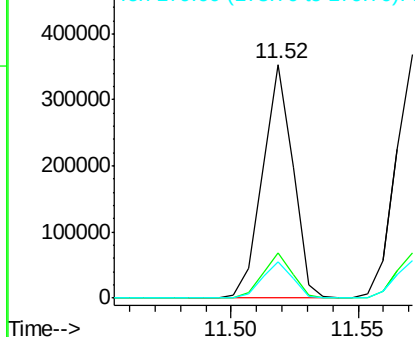


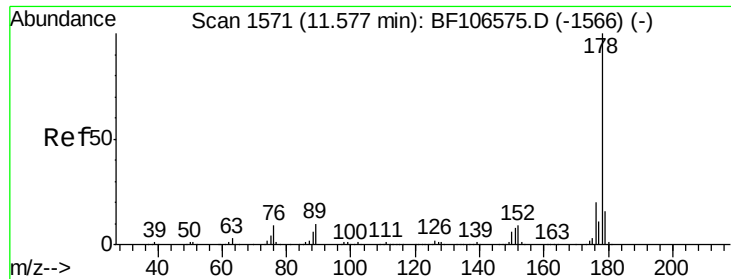
#70
 Phenanthrene
 Concen: 48.468 ng
 RT: 11.52 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BF106848.D
 Acq: 27 Jun 2018 3:21

Tgt Ion:178 Resp: 292993
 Ion Ratio Lower Upper
 178 100
 176 19.4 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

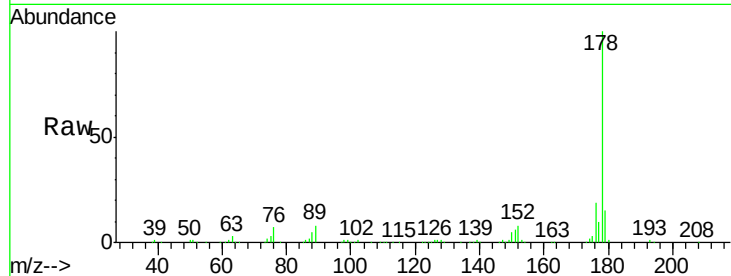




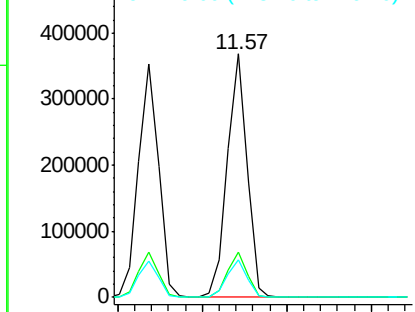
#71
 Anthracene
 Concen: 48.720 ng
 RT: 11.57 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF106848.D
 Acq: 27 Jun 2018 3:21

Instrument :
 BNA_F
 ClientSampleId :
 PB110514BS

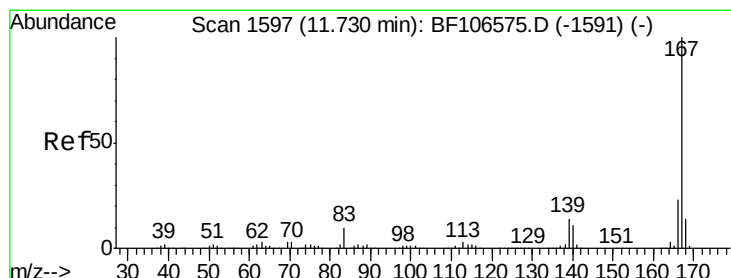
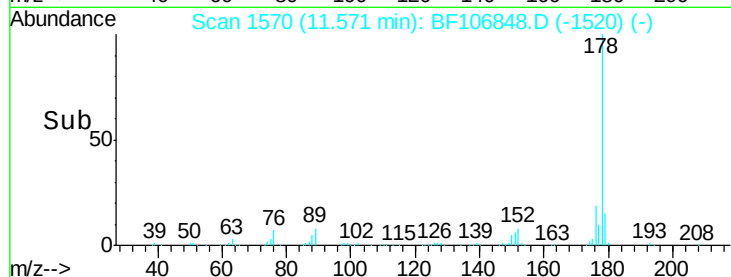
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.5	12.6	19.0



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

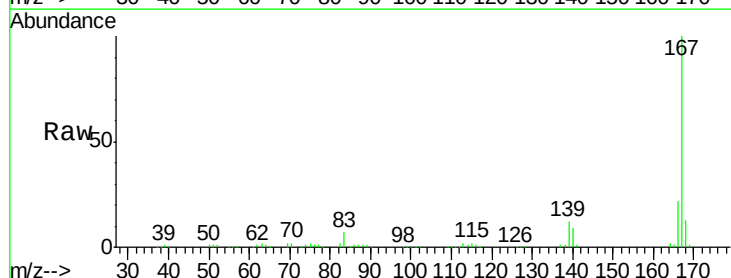


Time--> 11.50 11.55 11.60 11.65

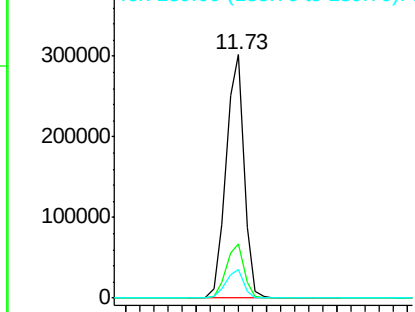


#72
 Carbazole
 Concen: 46.315 ng
 RT: 11.73 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF106848.D
 Acq: 27 Jun 2018 3:21

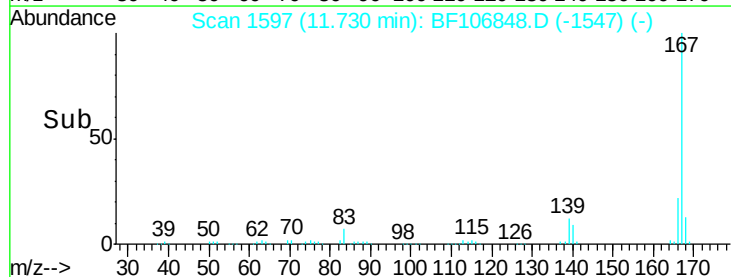
Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.6	26.4
139	11.6	10.9	16.3

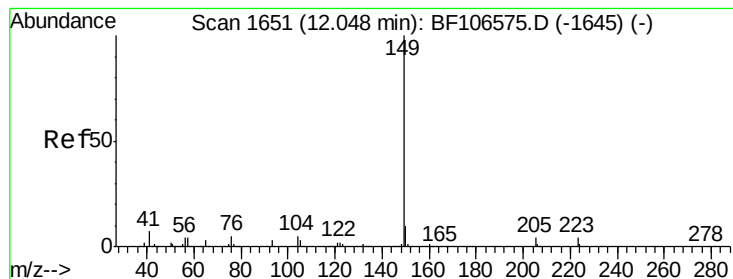


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



Time--> 11.65 11.70 11.75 11.80





#73

Di-n-butylphthalate

Concen: 46.002 ng

RT: 12.04 min Scan# 1649

Delta R.T. -0.01 min

Lab File: BF106848.D

Acq: 27 Jun 2018 3:21

Instrument :

BNA_F

ClientSampleId :

PB110514BS

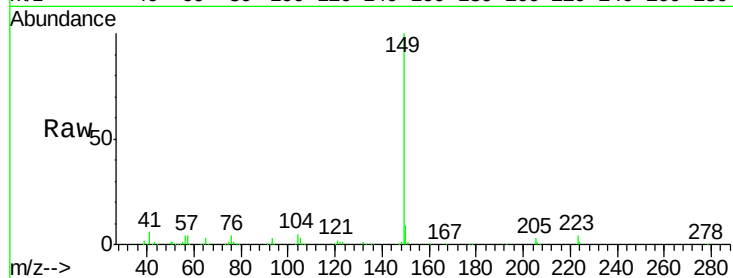
Tgt Ion:149 Resp: 313074

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

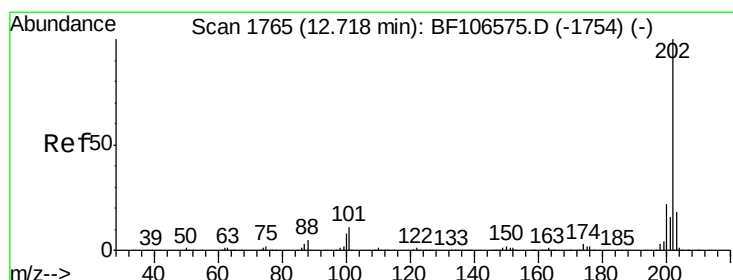
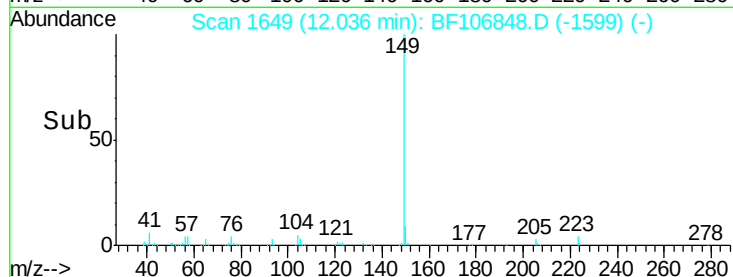
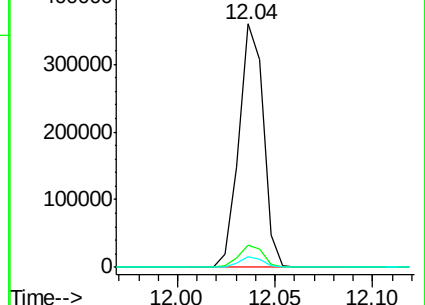
104 4.5 3.8 5.8



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: 50.190 ng

RT: 12.71 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BF106848.D

Acq: 27 Jun 2018 3:21

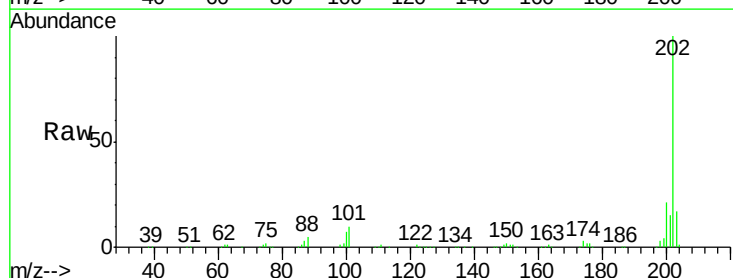
Tgt Ion:202 Resp: 334409

Ion Ratio Lower Upper

202 100

101 10.2 0.0 34.1

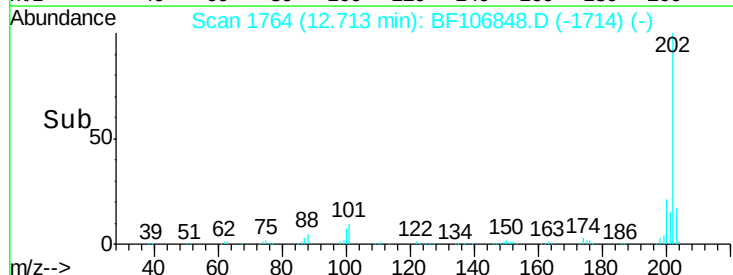
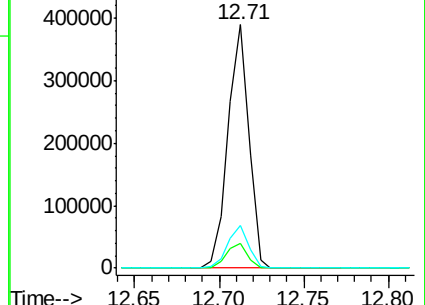
203 17.4 0.0 38.1

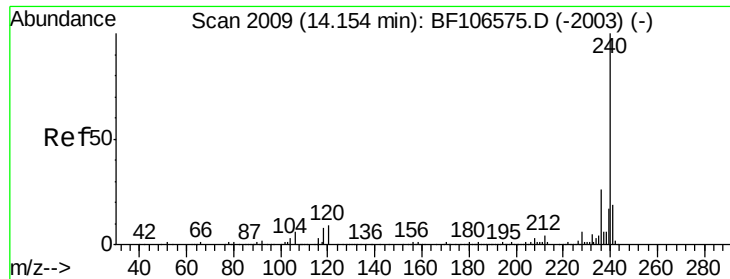


Abundance Ion 202.00 (201.70 to 202.70): E

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# 2008

Delta R.T. -0.02 min

Lab File: BF106848.D

Acq: 27 Jun 2018 3:21

Instrument :

BNA_F

ClientSampleId :

PB110514BS

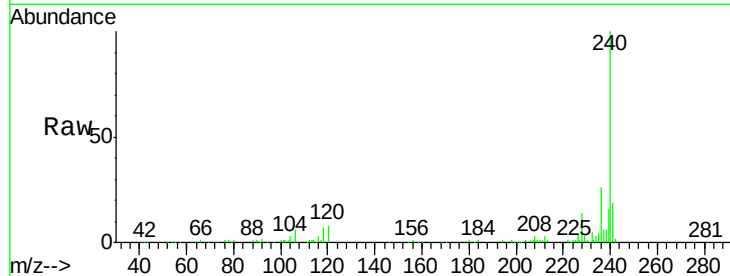
Tgt Ion:240 Resp: 115275

Ion Ratio Lower Upper

240 100

120 8.1 9.5 14.3#

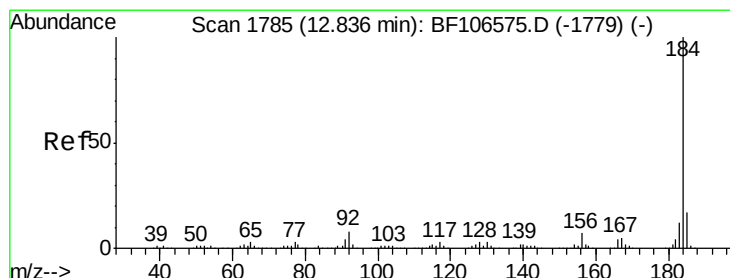
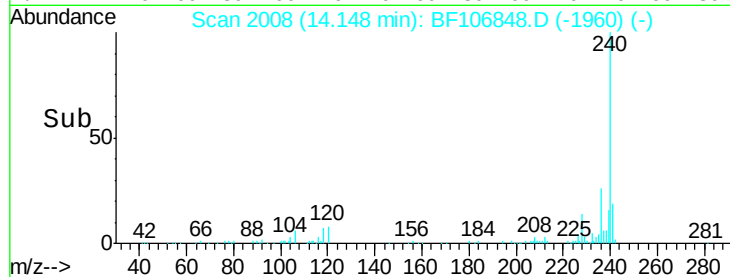
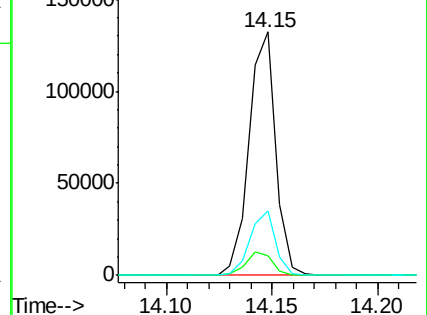
236 26.2 20.7 31.1



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: 32.866 ng

RT: 12.83 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF106848.D

Acq: 27 Jun 2018 3:21

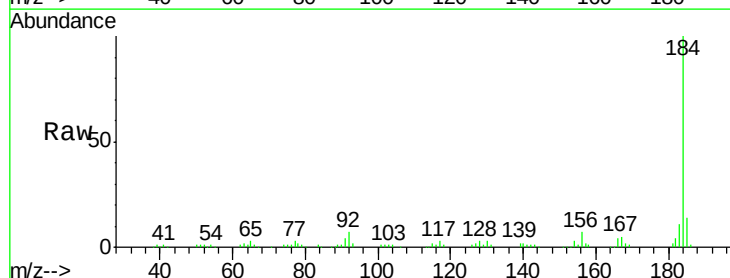
Tgt Ion:184 Resp: 107899

Ion Ratio Lower Upper

184 100

185 13.9 12.6 18.8

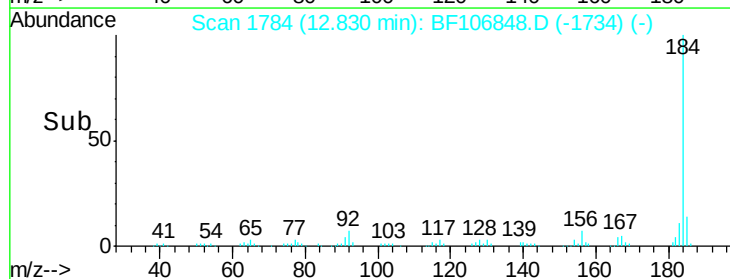
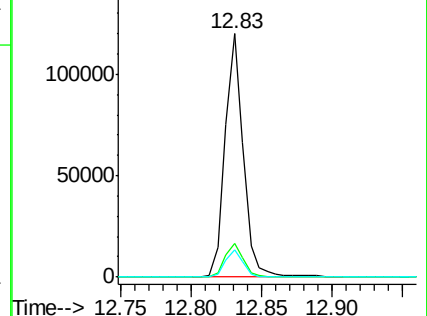
183 11.4 9.3 13.9

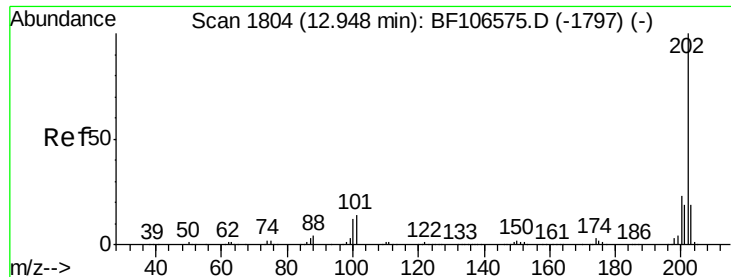


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

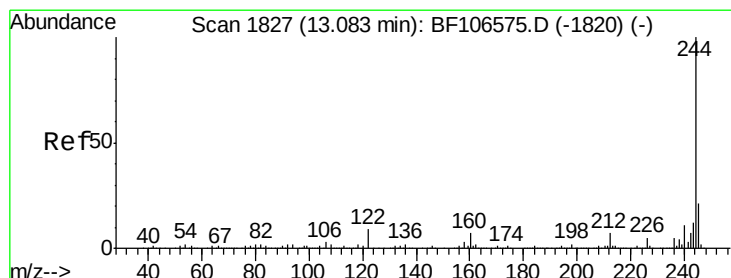
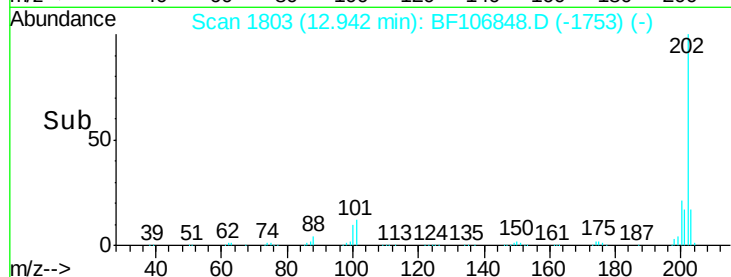
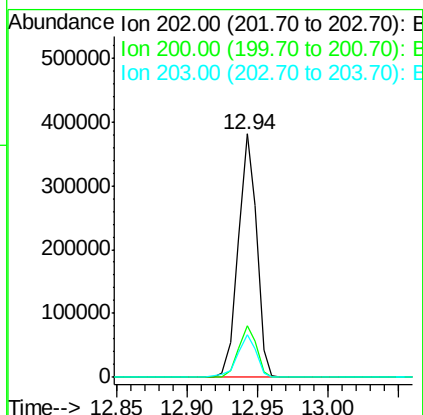
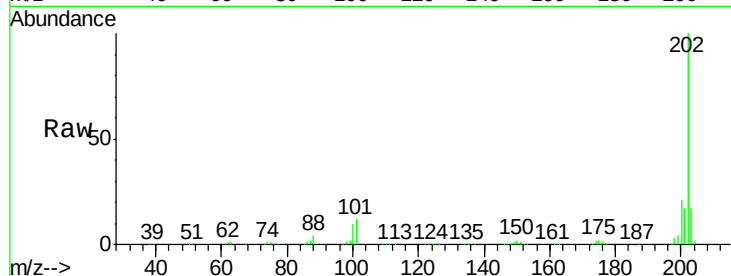




#77
 Pyrene
 Concen: 45.319 ng
 RT: 12.94 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: BF106848.D
 Acq: 27 Jun 2018 3:21

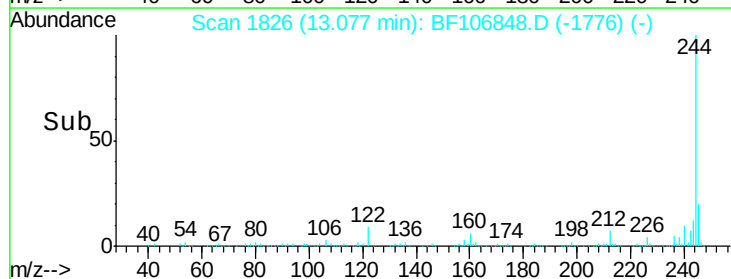
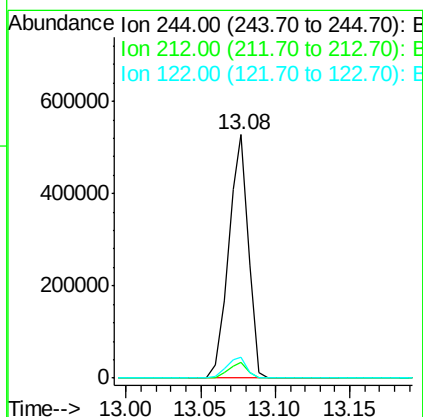
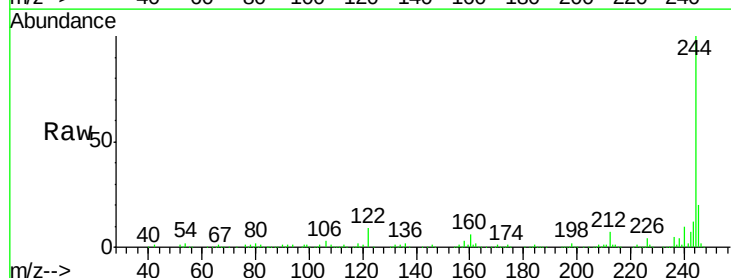
Instrument :
 BNA_F
 ClientSampleId :
 PB110514BS

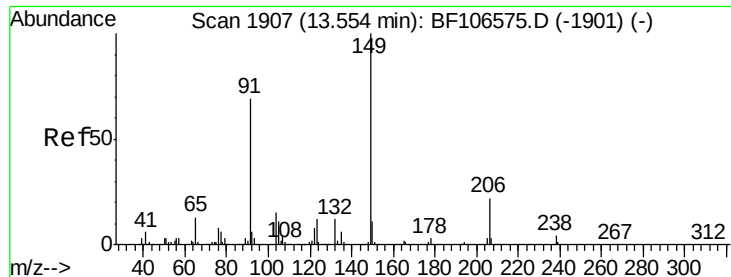
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	17.3	14.3	21.5



#78
 Terphenyl-d14
 Concen: 103.527 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF106848.D
 Acq: 27 Jun 2018 3:21

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	8.7	11.0	16.4

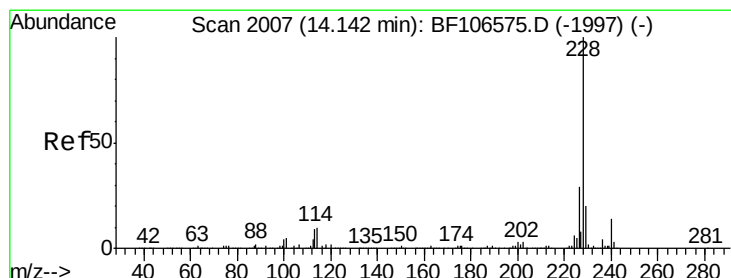
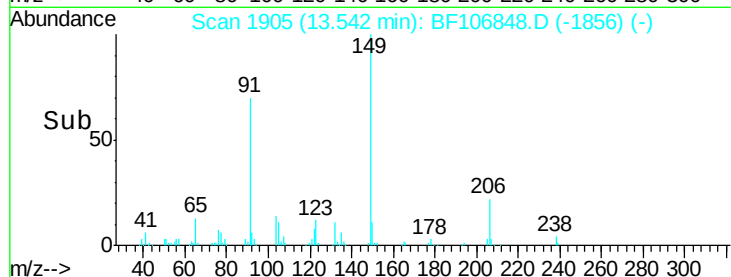
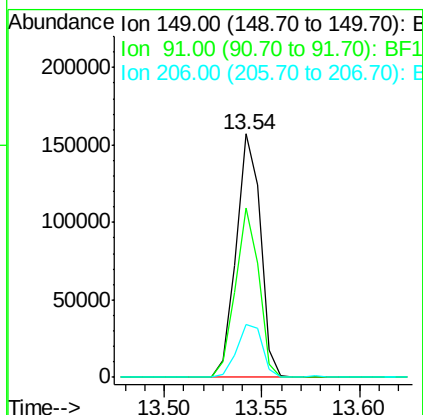
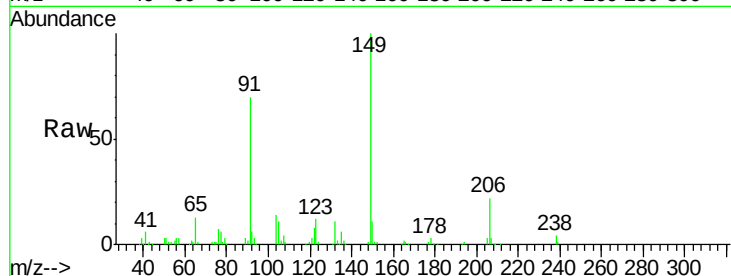




#79
Butylbenzylphthalate
Concen: 43.385 ng
RT: 13.54 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BF106848.D
Acq: 27 Jun 2018 3:21

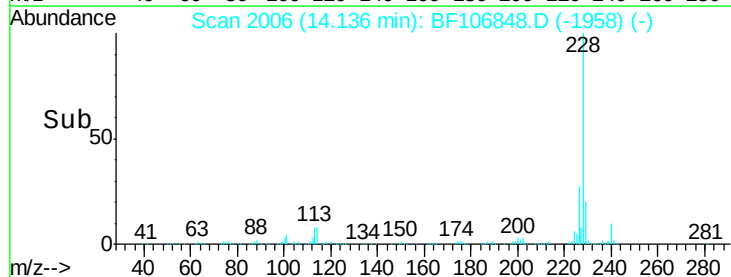
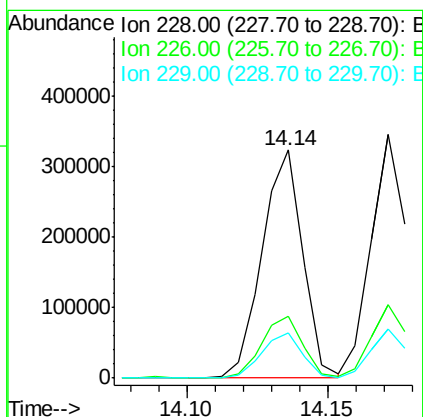
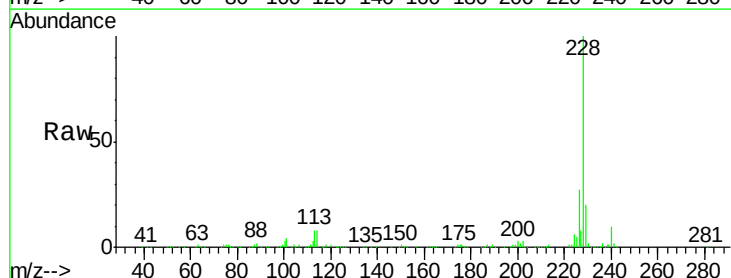
Instrument :
BNA_F
ClientSampleId :
PB110514BS

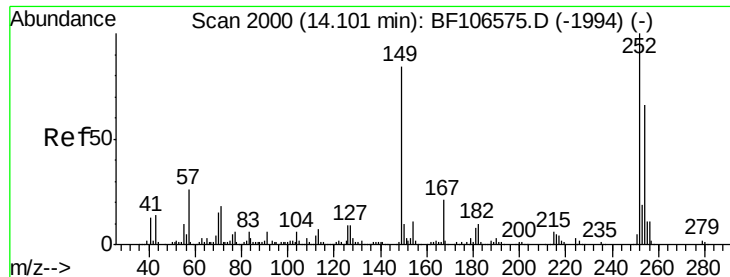
Tgt Ion:149 Resp: 135595
Ion Ratio Lower Upper
149 100
91 69.6 56.8 85.2
206 21.7 14.1 21.1#



#80
Benzo(a)anthracene
Concen: 45.900 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BF106848.D
Acq: 27 Jun 2018 3:21

Tgt Ion:228 Resp: 322477
Ion Ratio Lower Upper
228 100
226 27.3 22.6 33.8
229 19.7 15.8 23.6

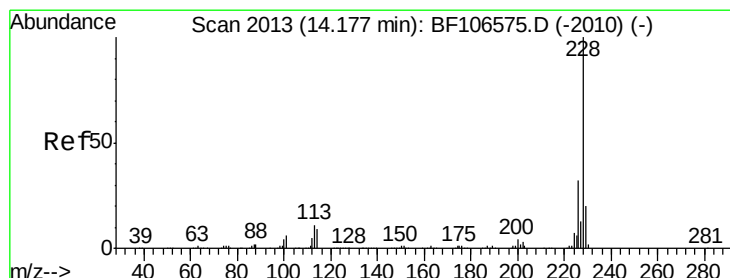
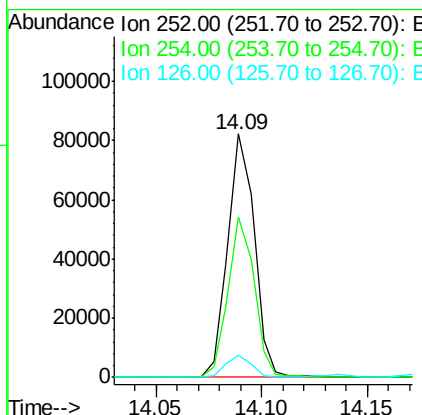
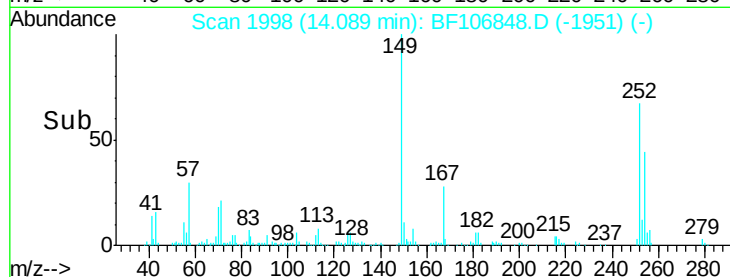
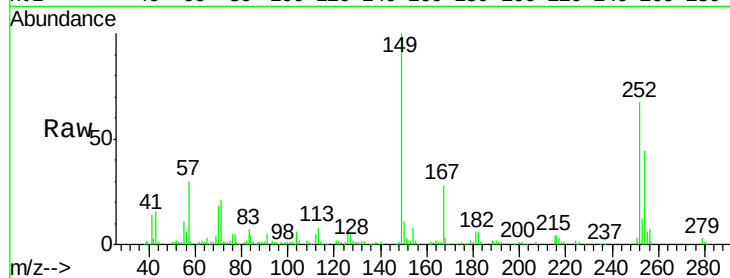




#81
 3,3'-Dichlorobenzidine
 Concen: 29.077 ng
 RT: 14.09 min Scan# 1998
 Delta R.T. -0.02 min
 Lab File: BF106848.D
 Acq: 27 Jun 2018 3:21

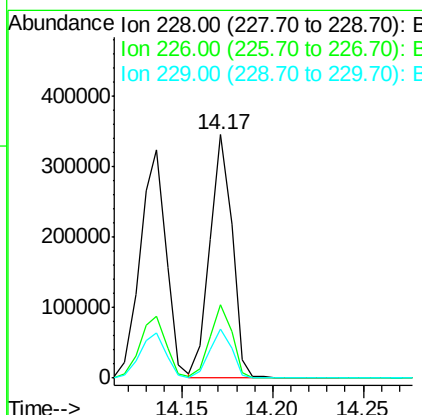
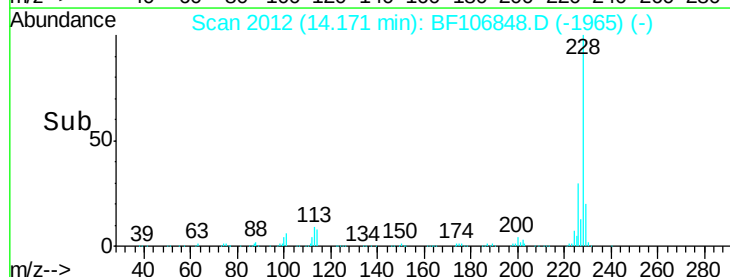
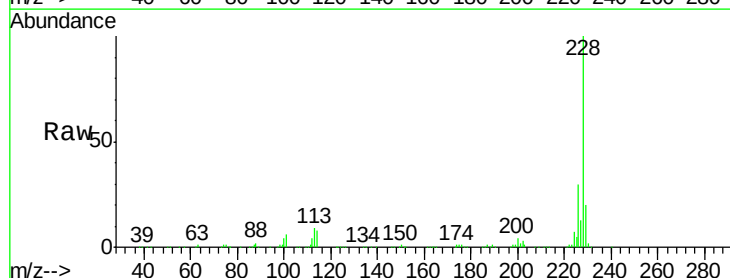
Instrument :
 BNA_F
 ClientSampleId :
 PB110514BS

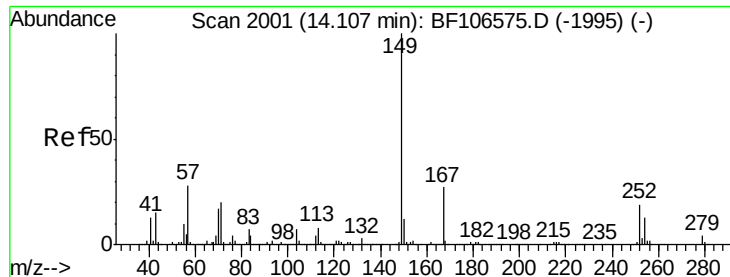
Tgt Ion:252 Resp: 71797
 Ion Ratio Lower Upper
 252 100
 254 65.8 50.4 75.6
 126 9.3 11.3 16.9#



#82
 Chrysene
 Concen: 45.835 ng
 RT: 14.17 min Scan# 2012
 Delta R.T. -0.02 min
 Lab File: BF106848.D
 Acq: 27 Jun 2018 3:21

Tgt Ion:228 Resp: 296260
 Ion Ratio Lower Upper
 228 100
 226 30.3 25.0 37.6
 229 19.9 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.958 ng

RT: 14.09 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BF106848.D

Acq: 27 Jun 2018 3:21

Instrument :

BNA_F

ClientSampleId :

PB110514BS

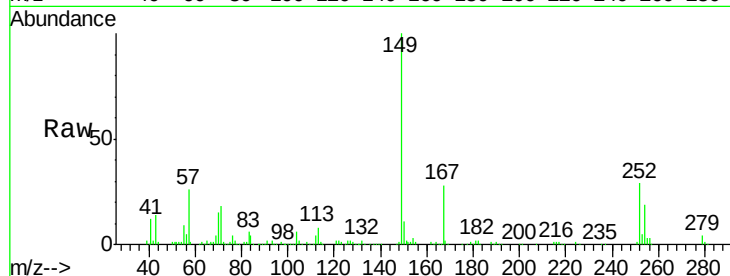
Tgt Ion:149 Resp: 183634

Ion Ratio Lower Upper

149 100

167 28.1 21.3 31.9

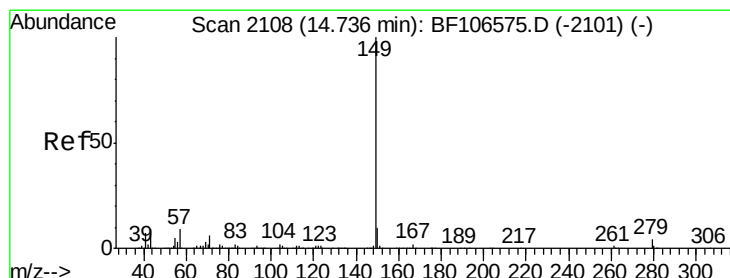
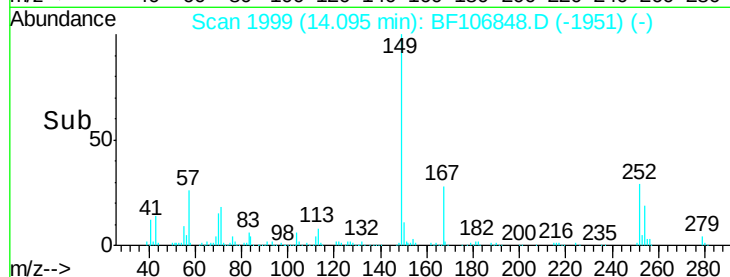
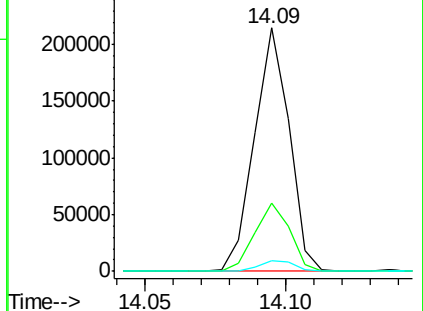
279 4.4 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 49.671 ng

RT: 14.72 min Scan# 2105

Delta R.T. -0.05 min

Lab File: BF106848.D

Acq: 27 Jun 2018 3:21

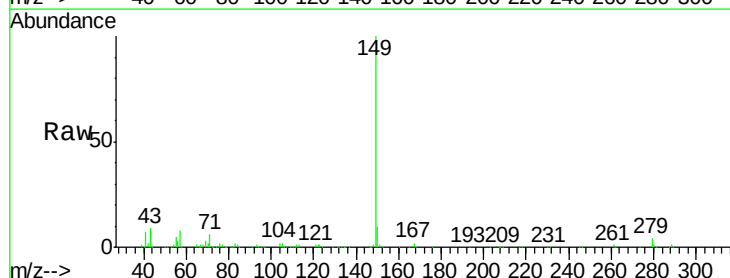
Tgt Ion:149 Resp: 323516

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

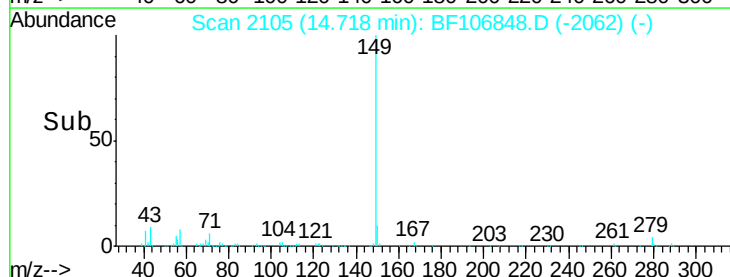
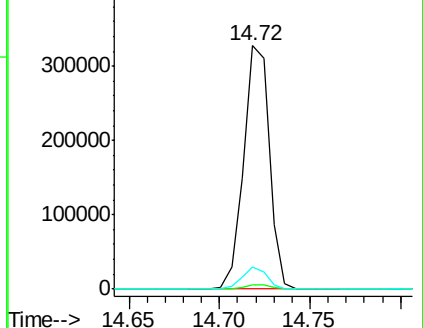
43 8.4 8.4 12.6

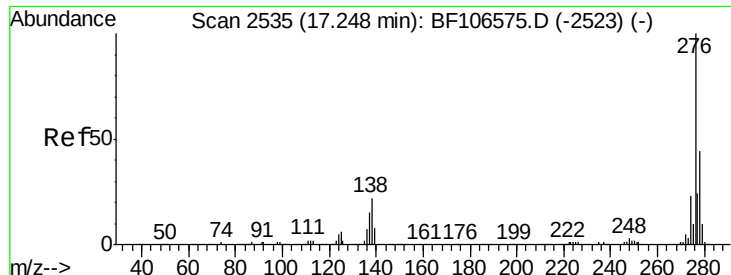


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

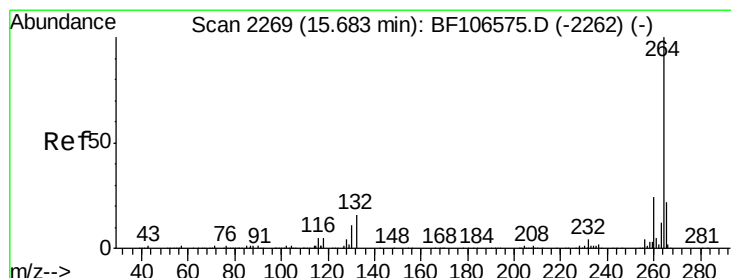
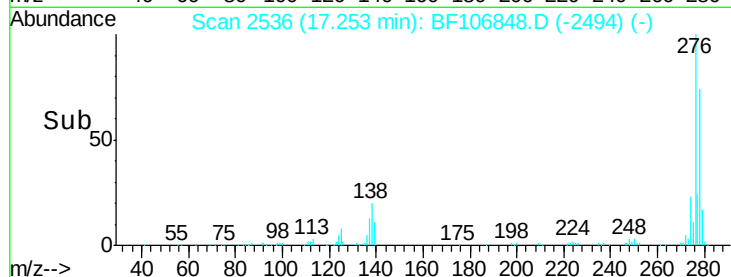
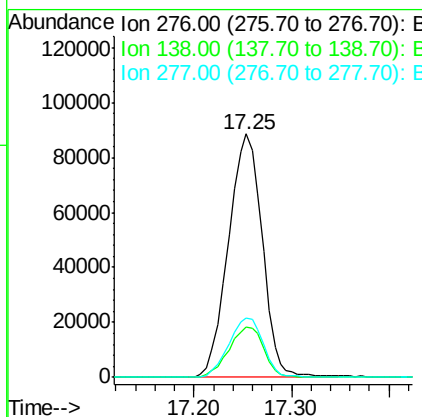
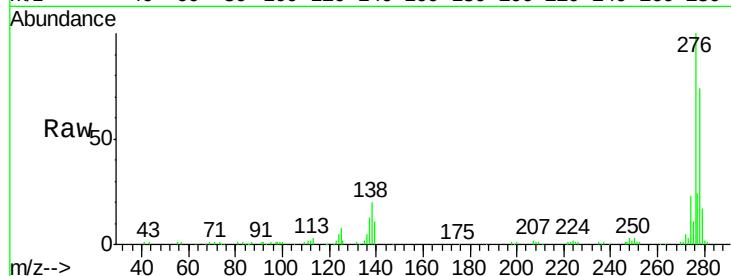




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.911 ng
 RT: 17.25 min Scan# 2536
 Delta R.T. -0.05 min
 Lab File: BF106848.D
 Acq: 27 Jun 2018 3:21

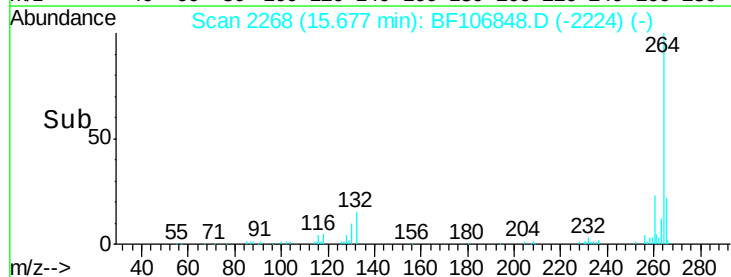
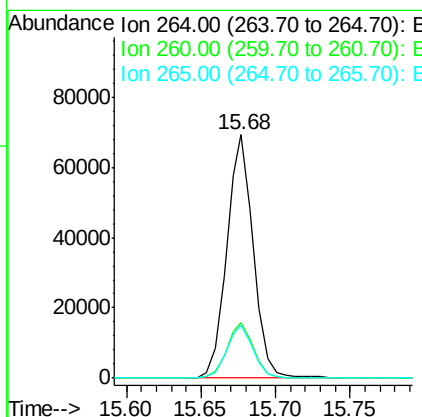
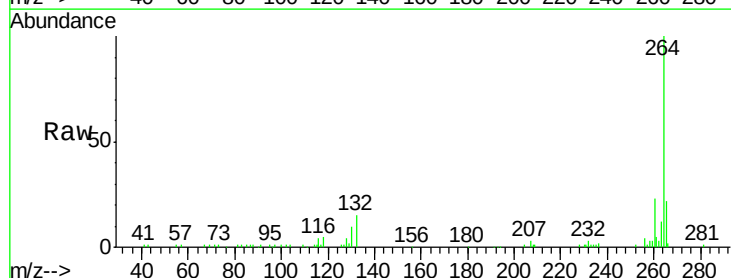
Instrument :
 BNA_F
 ClientSampleId :
 PB110514BS

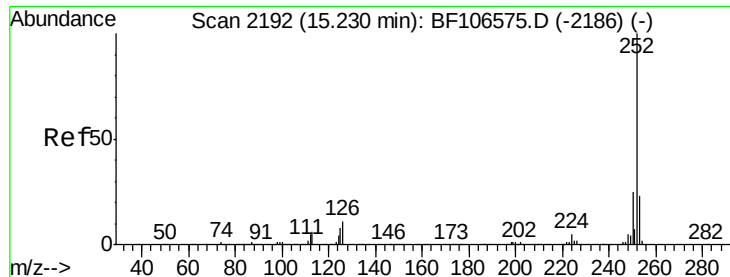
Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.0	25.0	37.6#
277	24.9	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.04 min
 Lab File: BF106848.D
 Acq: 27 Jun 2018 3:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.8	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 47.039 ng

RT: 15.22 min Scan# 2191

Delta R.T. -0.04 min

Lab File: BF106848.D

Acq: 27 Jun 2018 3:21

Instrument :

BNA_F

ClientSampleId :

PB110514BS

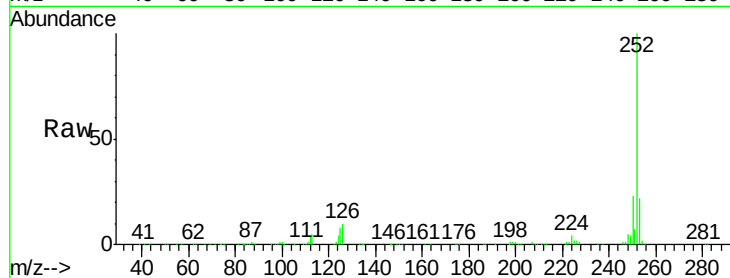
Tgt Ion:252 Resp: 251188

Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.6

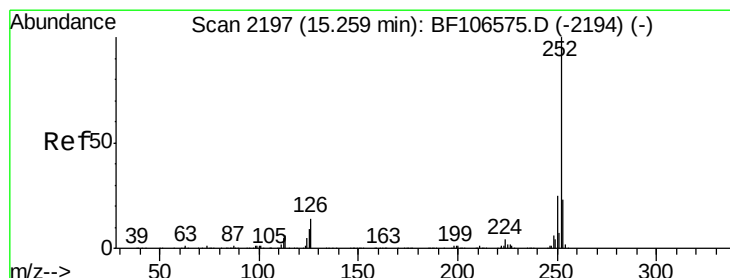
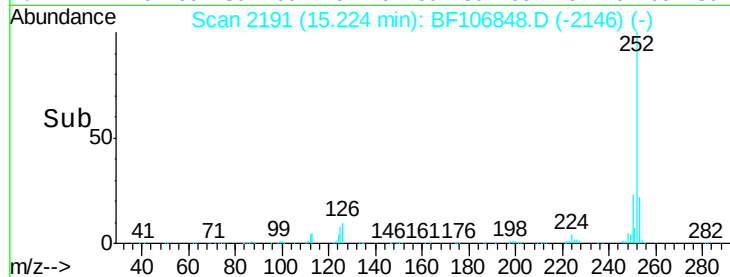
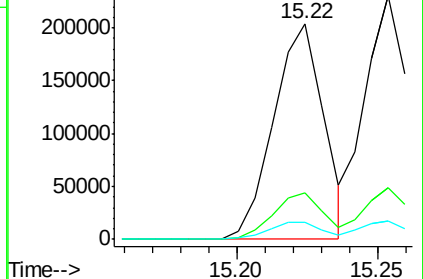
125 7.8 9.0 13.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 48.496 ng

RT: 15.25 min Scan# 2196

Delta R.T. -0.04 min

Lab File: BF106848.D

Acq: 27 Jun 2018 3:21

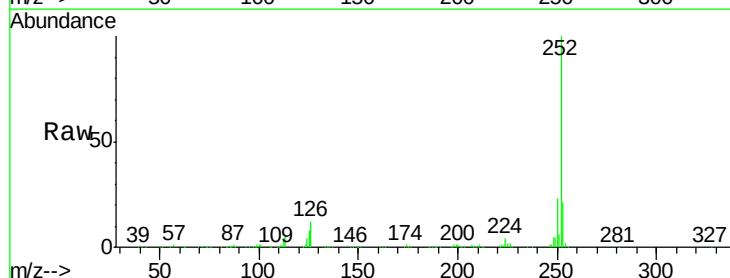
Tgt Ion:252 Resp: 246613

Ion Ratio Lower Upper

252 100

253 21.3 17.9 26.9

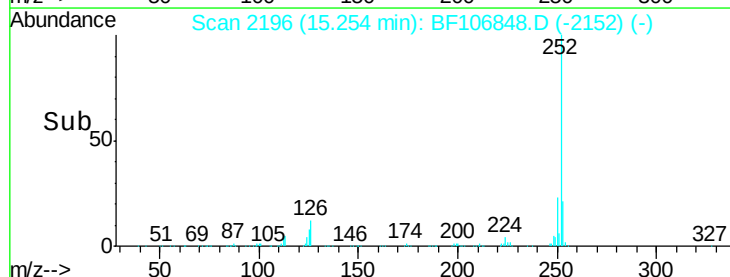
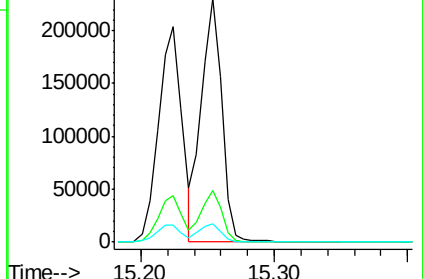
125 7.5 10.2 15.2#

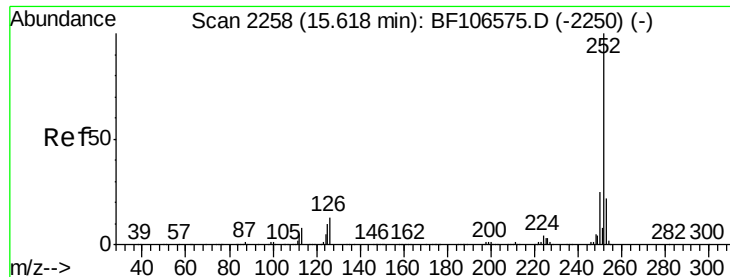


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 46.992 ng

RT: 15.61 min Scan# 2257

Delta R.T. -0.04 min

Lab File: BF106848.D

Acq: 27 Jun 2018 3:21

Instrument :

BNA_F

ClientSampleId :

PB110514BS

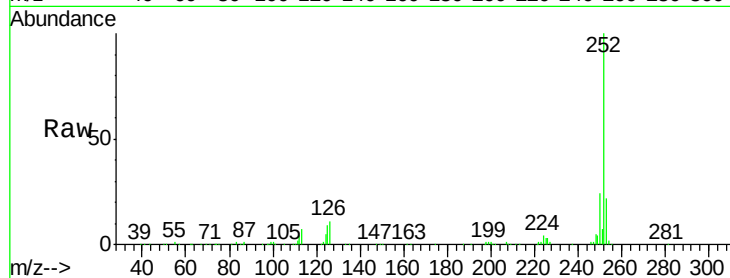
Tgt Ion:252 Resp: 223075

Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

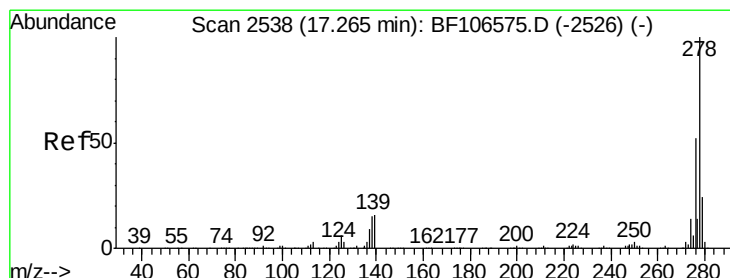
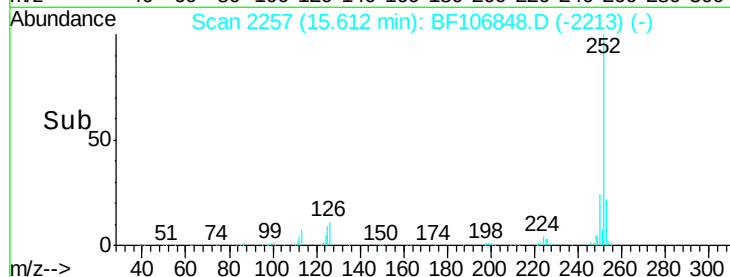
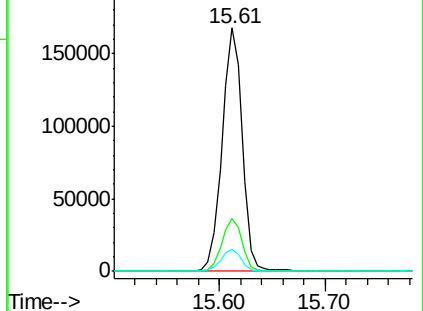
125 9.2 9.8 14.6#



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: 45.008 ng

RT: 17.27 min Scan# 2538

Delta R.T. -0.06 min

Lab File: BF106848.D

Acq: 27 Jun 2018 3:21

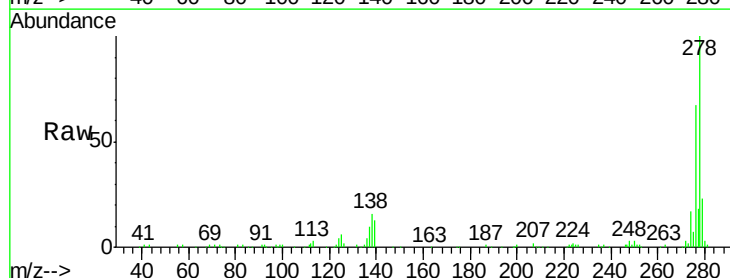
Tgt Ion:278 Resp: 181075

Ion Ratio Lower Upper

278 100

139 12.9 15.9 23.9#

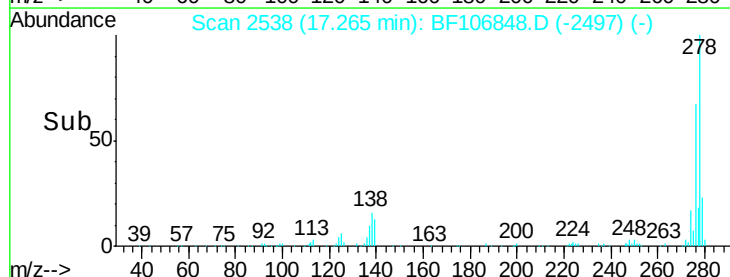
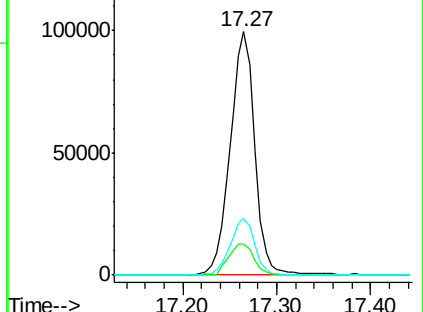
279 23.5 19.0 28.4

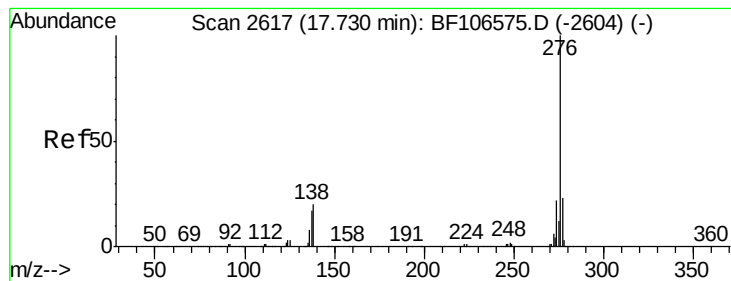


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 45.365 ng

RT: 17.73 min Scan# 2617

Delta R.T. -0.06 min

Lab File: BF106848.D

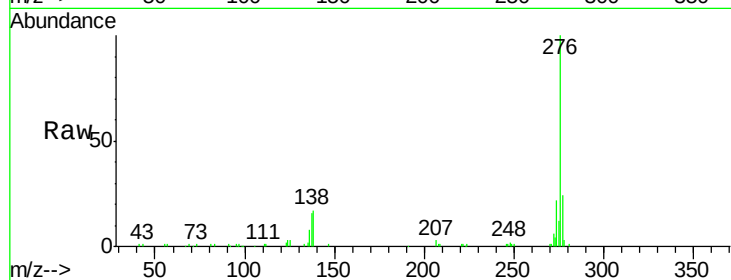
Acq: 27 Jun 2018 3:21

Instrument :

BNA_F

ClientSampleId :

PB110514BS



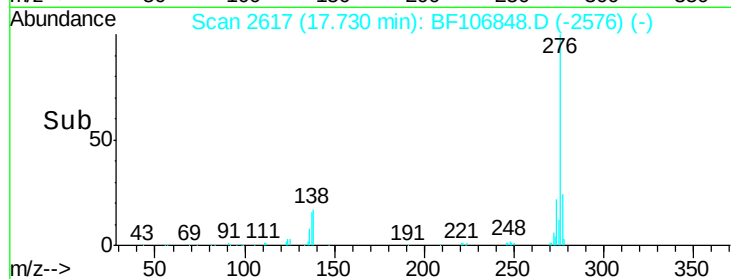
Tgt Ion: 276 Resp: 178389

Ion Ratio Lower Upper

276 100

277 24.1 17.9 26.9

138 17.5 21.8 32.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

