

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091415\
 Data File : BG018667.D
 Acq On : 14 Sep 2015 18:21
 Operator : UM/IZ
 Sample : PB85519BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB85519BS

Quant Time: Sep 15 01:29:45 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 15 01:23:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	57364	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	233316	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	142183	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	406820	20.00	ng	0.00
75) Chrysene-d12	21.63	240	493470	20.00	ng	0.00
86) Perylene-d12	24.82	264	502194	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.58	112	287379	86.54	ng	0.00
7) Phenol-d6	7.16	99	384663	80.79	ng	0.00
23) Nitrobenzene-d5	9.16	82	323468	77.58	ng	0.00
41) 2,4,6-Tribromophenol	16.12	330	165500	86.45	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	829429	80.98	ng	0.00
78) Terphenyl-d14	19.98	244	1510210	80.37	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.47	88	43637	31.44	ng	# 100
3) Pyridine	3.87	79	135655	31.53	ng	96
4) n-Nitrosodimethylamine	3.78	42	51341	34.26	ng	80
6) Aniline	7.32	93	147297	22.45	ng	94
8) 2-Chlorophenol	7.57	128	162351	42.34	ng	96
9) Benzaldehyde	7.13	77	71173	27.77	ng	98
10) Phenol	7.19	94	210510	41.85	ng	99
11) bis(2-Chloroethyl)ether	7.42	93	150043	38.49	ng	100
12) 1,3-Dichlorobenzene	7.89	146	170551	38.23	ng	98
13) 1,4-Dichlorobenzene	8.04	146	175790	39.29	ng	98
14) 1,2-Dichlorobenzene	8.36	146	168665	39.48	ng	94
15) Benzyl Alcohol	8.24	79	132978	38.75	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.53	45	178445	40.31	ng	98
17) 2-Methylphenol	8.44	107	144199	41.26	ng	99
18) Hexachloroethane	9.09	117	60097	37.57	ng	96
19) n-Nitroso-di-n-propylamine	8.80	70	117030	34.90	ng	100
20) 3+4-Methylphenols	8.77	107	196360	40.01	ng	93
22) Acetophenone	8.82	105	233249	39.46	ng	100
24) Nitrobenzene	9.20	77	171275	38.68	ng	99
25) Isophorone	9.72	82	323603	36.09	ng	99
26) 2-Nitrophenol	9.91	139	82403	39.89	ng	97
27) 2,4-Dimethylphenol	9.98	122	154325	41.14	ng	97
28) bis(2-Chloroethoxy)methane	10.21	93	208743	40.54	ng	97
29) 2,4-Dichlorophenol	10.45	162	165991	43.79	ng	98
30) 1,2,4-Trichlorobenzene	10.67	180	168552	40.12	ng	98
31) Naphthalene	10.86	128	490861	39.29	ng	99
32) Benzoic acid	10.09	122	104548	35.96	ng	95
33) 4-Chloroaniline	10.96	127	66756	11.81	ng	99
34) Hexachlorobutadiene	11.14	225	101532	41.00	ng	98
35) Caprolactam	11.72	113	39180	24.04	ng	97
36) 4-Chloro-3-methylphenol	12.08	107	167837	39.69	ng	99
37) 2-Methylnaphthalene	12.46	142	354654	38.78	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	190046	42.14	ng	98
40) Hexachlorocyclopentadiene	12.81	237	234870	103.71	ng	98

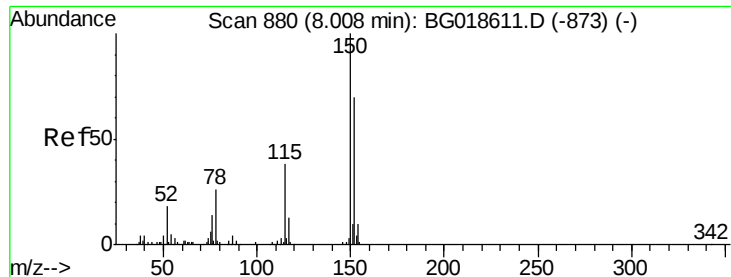
Data Path : Z:\HPCHEM1\BNA G\DATA\BG091415\
 Data File : BG018667.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 15 01:23:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.06	196	132393	42.39	ng	98
43) 2,4,5-Trichlorophenol	13.14	196	146709	42.82	ng	99
45) 1,1'-Biphenyl	13.47	154	470205	41.59	ng	99
46) 2-Chloronaphthalene	13.51	162	363348	41.71	ng	98
47) 2-Nitroaniline	13.70	65	103221	39.38	ng	97
48) Acenaphthylene	14.35	152	618595	40.17	ng	99
49) Dimethylphthalate	14.08	163	467524	39.71	ng	99
50) 2,6-Dinitrotoluene	14.20	165	104226	40.74	ng	92
51) Acenaphthene	14.70	154	369450	41.24	ng	99
52) 3-Nitroaniline	14.53	138	69381	22.70	ng	89
53) 2,4-Dinitrophenol	14.74	184	106615	82.13	ng	96
54) Dibenzofuran	15.03	168	588291	42.25	ng	99
55) 4-Nitrophenol	14.84	139	233038	98.75	ng	99
56) 2,4-Dinitrotoluene	14.99	165	160941	44.36	ng	# 96
57) Fluorene	15.68	166	491301	40.99	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.25	232	142271	44.28	ng	# 97
59) Diethylphthalate	15.44	149	492366	40.09	ng	98
60) 4-Chlorophenyl-phenylether	15.66	204	240372	41.73	ng	96
61) 4-Nitroaniline	15.69	138	144897	43.96	ng	92
62) Azobenzene	15.96	77	452039	41.65	ng	100
64) 4,6-Dinitro-2-methylphenol	15.75	198	82635	38.85	ng	98
65) n-Nitrosodiphenylamine	15.88	169	441011	37.43	ng	100
66) 4-Bromophenyl-phenylether	16.56	248	160277	38.74	ng	98
67) Hexachlorobenzene	16.68	284	181890	40.46	ng	98
68) Atrazine	16.83	200	203250	43.38	ng	96
69) Pentachlorophenol	17.02	266	251387	90.68	ng	96
70) Phenanthrene	17.42	178	886092	41.41	ng	99
71) Anthracene	17.50	178	916151	42.28	ng	99
72) Carbazole	17.77	167	940944	44.87	ng	99
73) Di-n-butylphthalate	18.33	149	1114783	45.07	ng	99
74) Fluoranthene	19.42	202	1215979	45.88	ng	99
76) Benzidine	19.60	184	422803	28.53	ng	98
77) Pyrene	19.78	202	1251203	41.26	ng	99
79) Butylbenzylphthalate	20.66	149	510452	41.40	ng	99
80) Benzo(a)anthracene	21.61	228	1162187	40.91	ng	99
81) 3,3'-Dichlorobenzidine	21.53	252	259239	24.02	ng	92
82) Chrysene	21.68	228	1051999	39.32	ng	100
83) Bis(2-ethylhexyl)phthalate	21.52	149	749711	42.15	ng	97
84) Di-n-octyl phthalate	22.72	149	1262261	41.96	ng	99
85) Indeno(1,2,3-cd)pyrene	28.45	276	1388745	40.88	ng	# 100
87) Benzo(b)fluoranthene	23.81	252	1224768	42.06	ng	97
88) Benzo(k)fluoranthene	23.88	252	1168745	40.06	ng	99
89) Benzo(a)pyrene	24.67	252	1186037	42.80	ng	99
90) Dibenzo(a,h)anthracene	28.51	278	1125658	41.26	ng	98
91) Benzo(g,h,i)perylene	29.60	276	1147028	41.28	ng	99

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

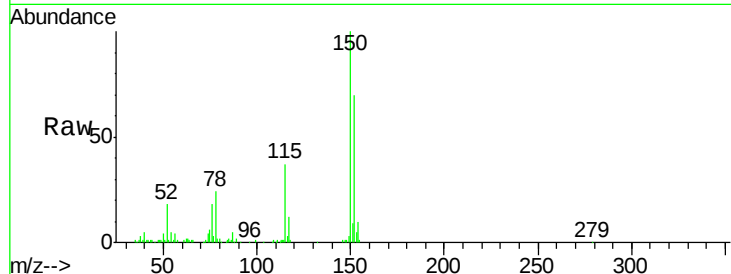


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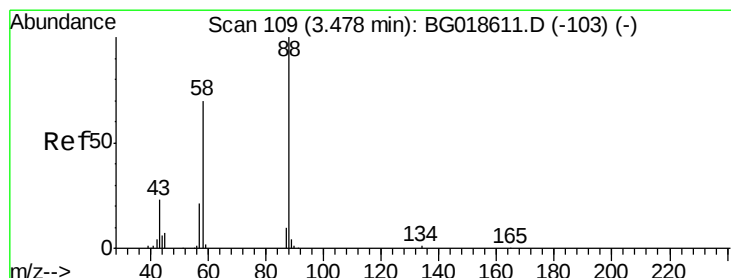
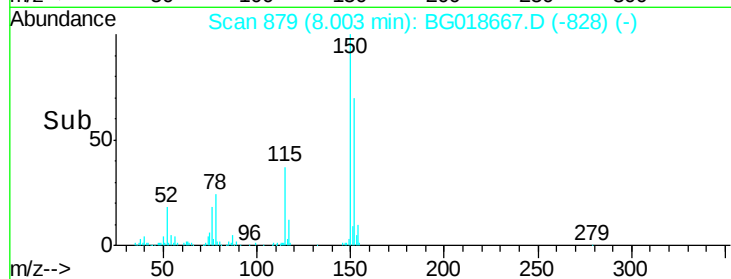
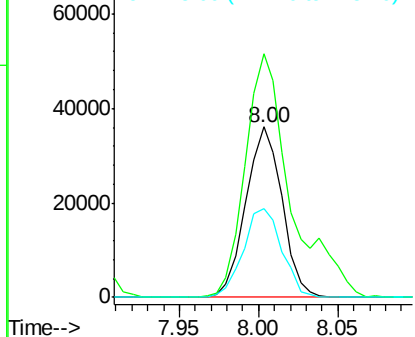
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.00 min Scan# 879
Delta R.T. 0.00 min
Lab File: BG018667.D
Acq: 14 Sep 2015 18:21

Instrument :
BNA_G
ClientSampleId :
PB85519BS

Tot Ion:152 Resp: 57364
Ion Ratio Lower Upper
152 100
150 143.2 115.0 172.4
115 52.5 43.9 65.9



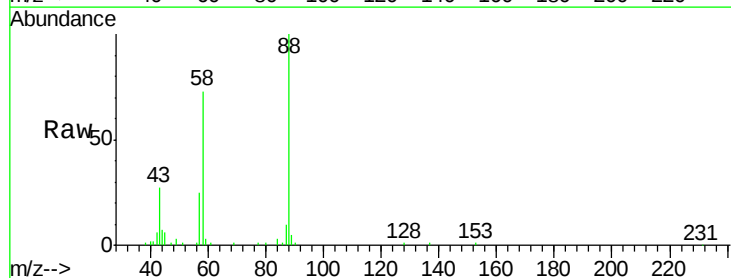
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



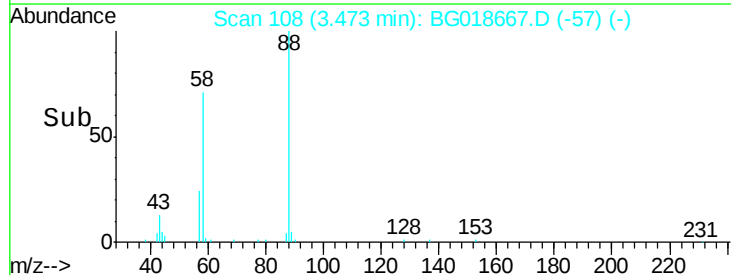
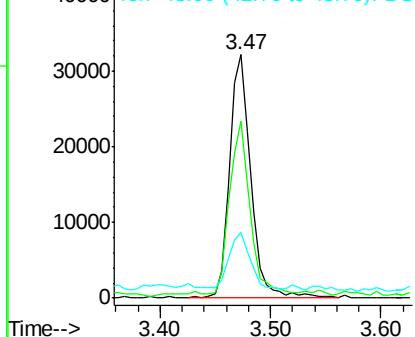
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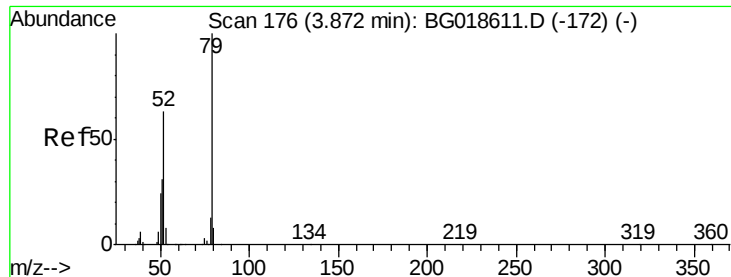
1,4-Dioxane
Concen: 31.44 ng
RT: 3.47 min Scan# 108
Delta R.T. 0.00 min
Lab File: BG018667.D
Acq: 14 Sep 2015 18:21

Tgt Ion: 88 Resp: 43637
Ion Ratio Lower Upper
88 100
58 70.3 0.0 0.0#
43 22.4 0.0 0.0#



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





#3

Pvridine

Concen: 31.53 ng

RT: 3.87 min Scan# 175

Delta R.T. -0.01 min

Lab File: BG018667.D

Acq: 14 Sep 2015 18:21

Instrument :

BNA_G

ClientSampleId :

PB85519BS

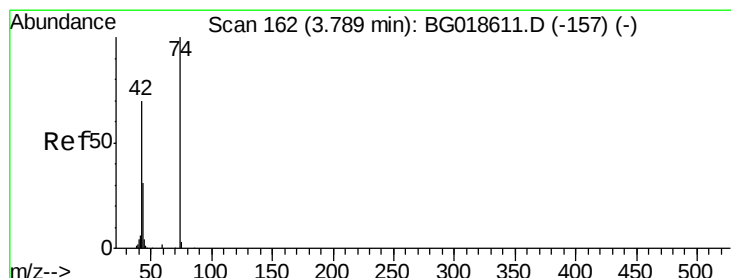
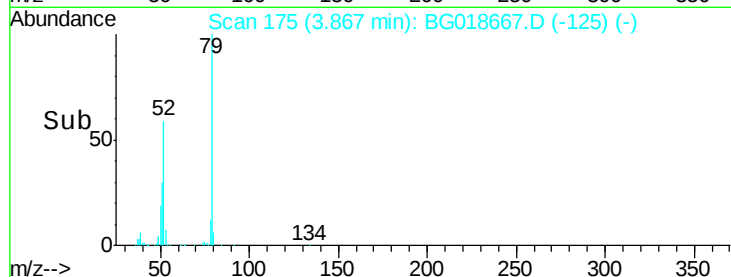
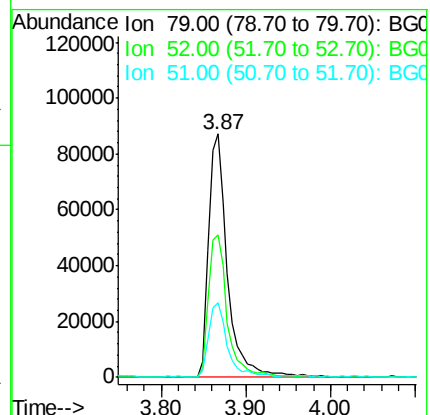
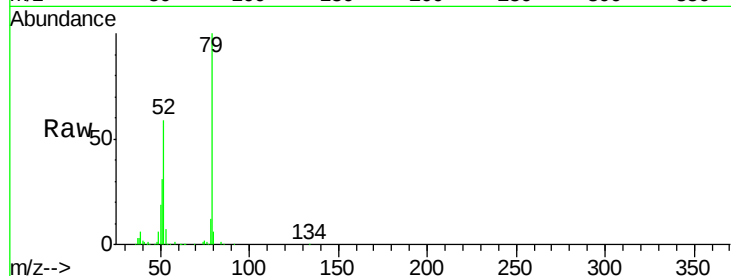
Tot Ion: 79 Resp: 135655

Ion Ratio Lower Upper

79 100

52 58.7 50.3 75.5

51 30.5 24.8 37.2



#4

n-Nitrosodimethylamine

Concen: 34.26 ng

RT: 3.78 min Scan# 160

Delta R.T. -0.01 min

Lab File: BG018667.D

Acq: 14 Sep 2015 18:21

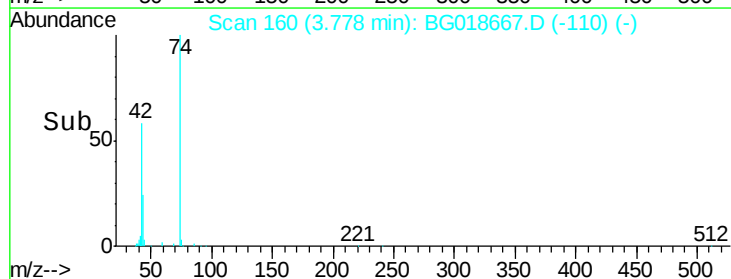
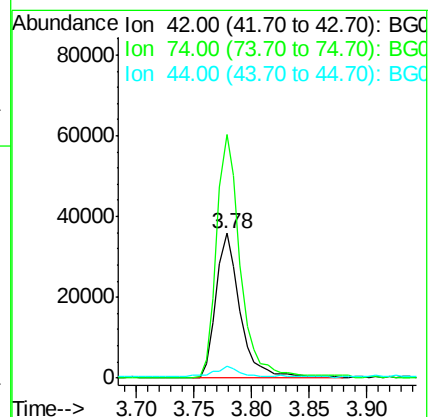
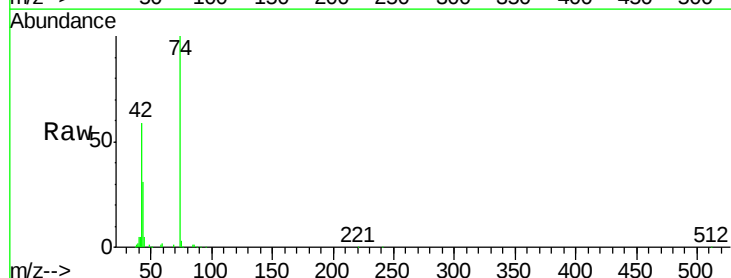
Tgt Ion: 42 Resp: 51341

Ion Ratio Lower Upper

42 100

74 168.2 113.9 170.9

44 7.9 5.7 8.5





#5

2-Fluorophenol

Concen: 86.54 ng

RT: 5.58 min Scan# 466

Delta R.T. 0.00 min

Lab File: BG018667.D

Acq: 14 Sep 2015 18:21

Instrument :

BNA_G

ClientSampleId :

PB85519BS

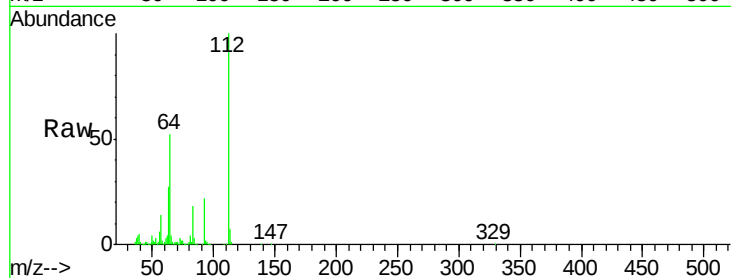
Tot Ion:112 Resp: 287379

Ion Ratio Lower Upper

112 100

64 51.8 43.7 65.5

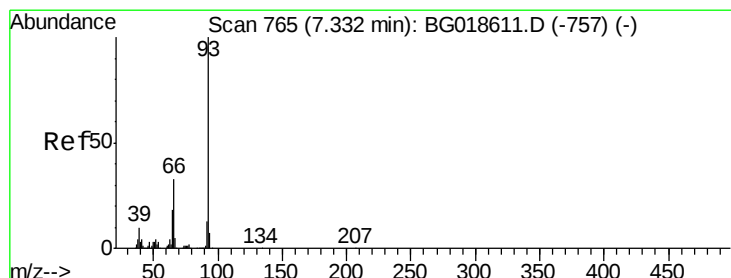
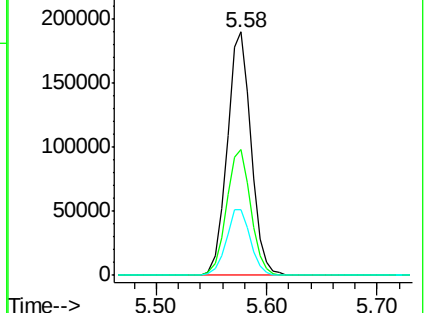
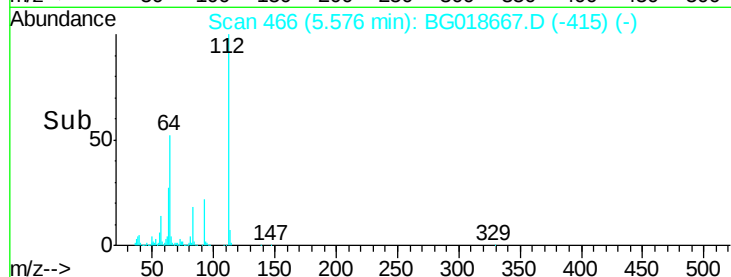
63 27.0 24.0 36.0



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 22.45 ng

RT: 7.32 min Scan# 763

Delta R.T. -0.01 min

Lab File: BG018667.D

Acq: 14 Sep 2015 18:21

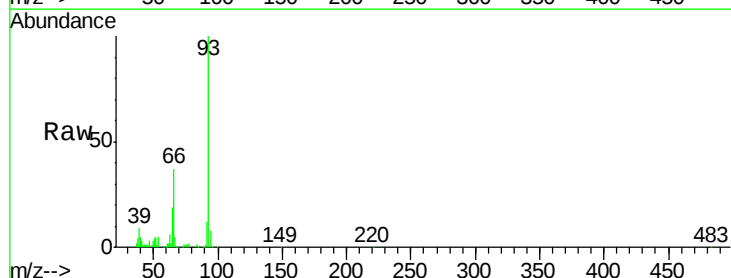
Tgt Ion: 93 Resp: 147297

Ion Ratio Lower Upper

93 100

66 36.9 26.2 39.2

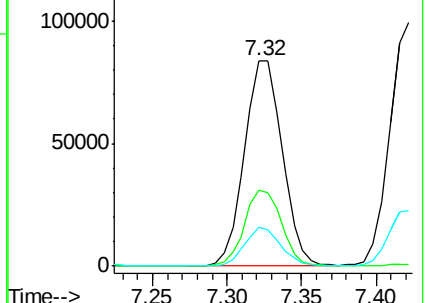
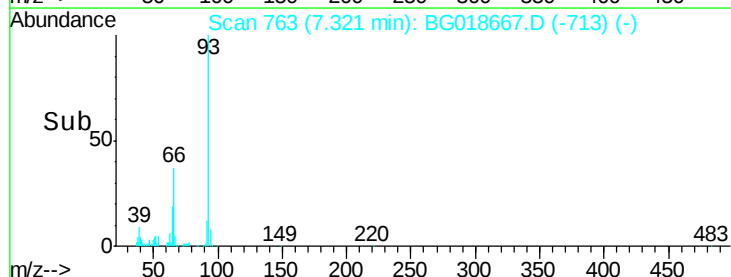
65 18.8 14.0 21.0

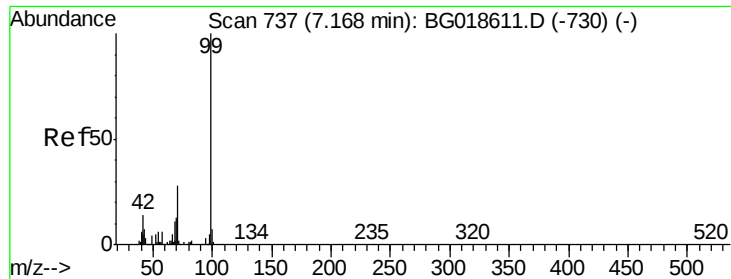


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 80.79 ng

RT: 7.16 min Scan# 736

Delta R.T. 0.00 min

Lab File: BG018667.D

Acq: 14 Sep 2015 18:21

Instrument :

BNA_G

ClientSampleId :

PB85519BS

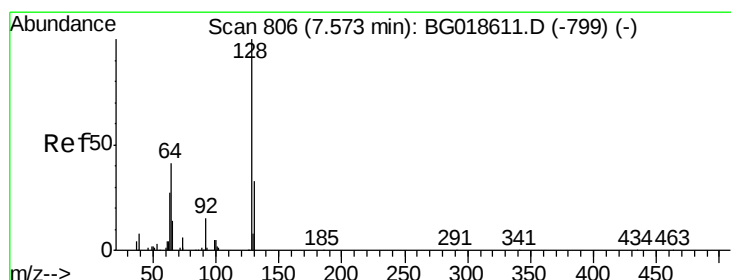
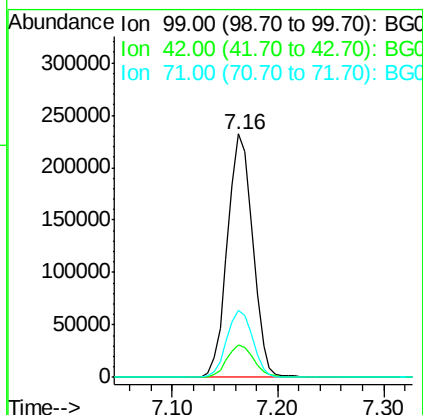
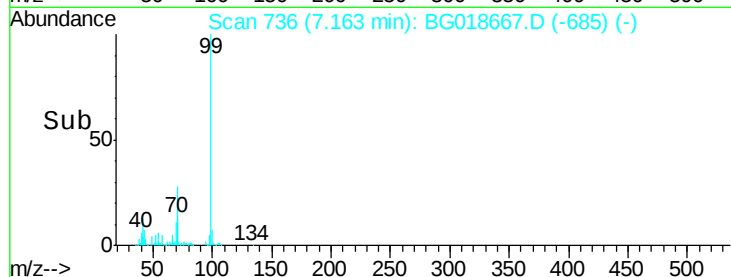
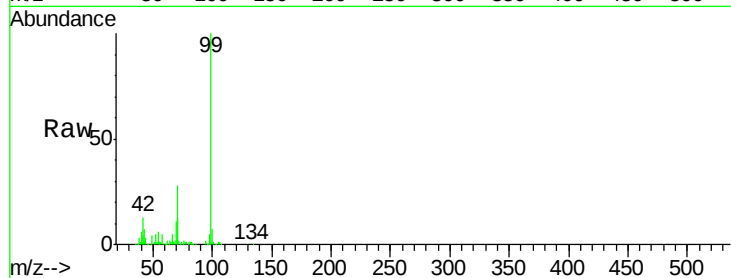
Tot Ion: 99 Resp: 384663

Ion Ratio Lower Upper

99 100

42 13.4 11.5 17.3

71 27.6 22.6 34.0



#8

2-Chlorophenol

Concen: 42.34 ng

RT: 7.57 min Scan# 805

Delta R.T. 0.00 min

Lab File: BG018667.D

Acq: 14 Sep 2015 18:21

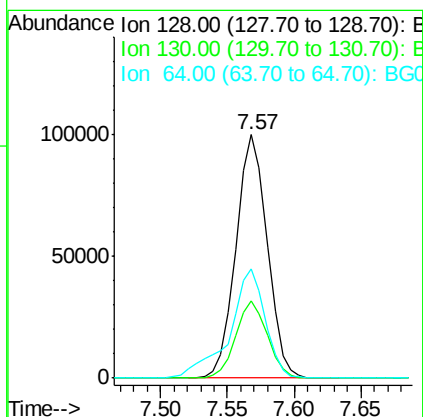
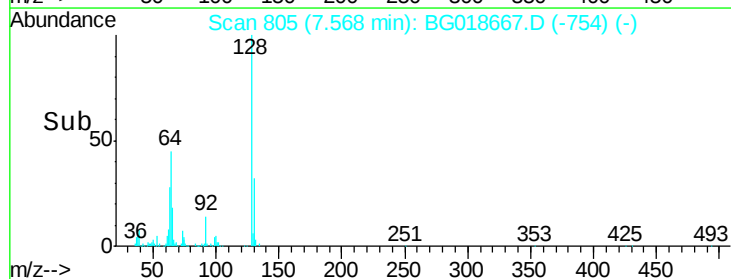
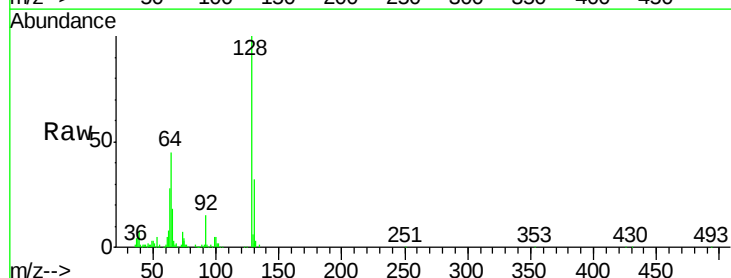
Tgt Ion: 128 Resp: 162351

Ion Ratio Lower Upper

128 100

130 31.8 13.0 53.0

64 44.9 28.2 68.2





#9

Benzaldehyde

Concen: 27.77 ng

RT: 7.13 min Scan# 731

Delta R.T. -0.01 min

Lab File: BG018667.D

Acq: 14 Sep 2015 18:21

Instrument :

BNA_G

ClientSampled :

PB85519BS

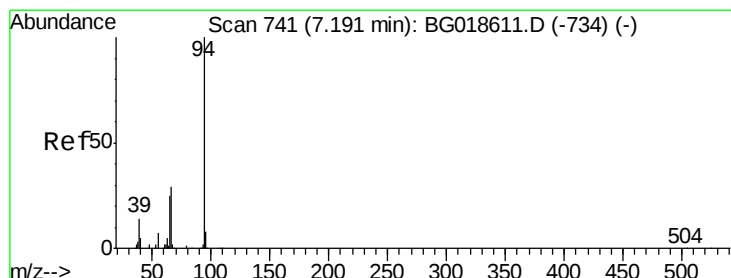
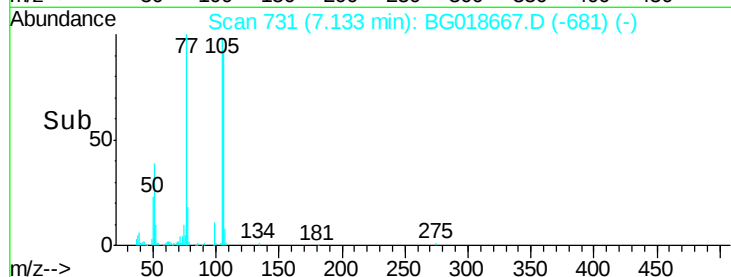
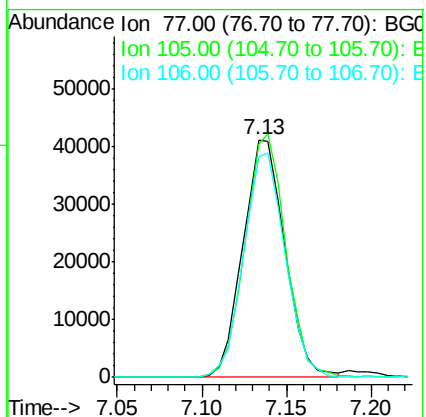
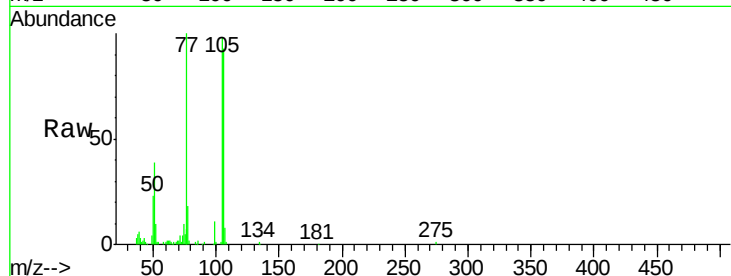
Tot Ion: 77 Resp: 71173

Ion Ratio Lower Upper

77 100

105 98.0 77.7 117.7

106 93.2 75.8 115.8



#10

Phenol

Concen: 41.85 ng

RT: 7.19 min Scan# 741

Delta R.T. 0.00 min

Lab File: BG018667.D

Acq: 14 Sep 2015 18:21

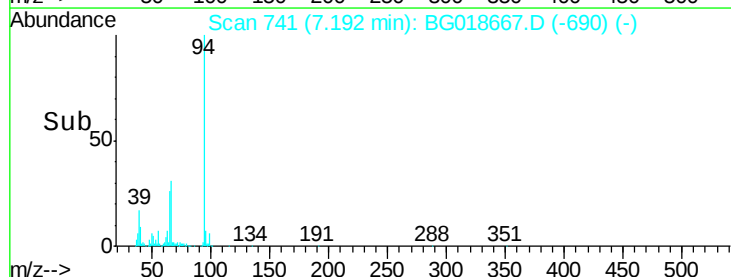
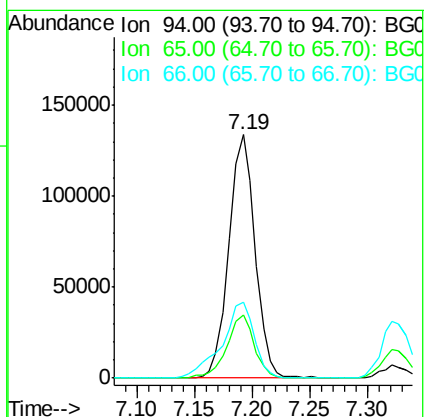
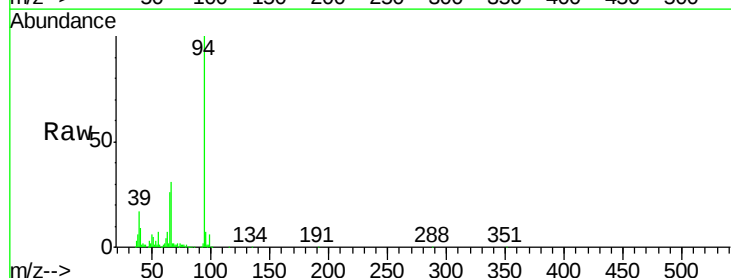
Tgt Ion: 94 Resp: 210510

Ion Ratio Lower Upper

94 100

65 26.0 5.4 45.4

66 31.1 11.8 51.8

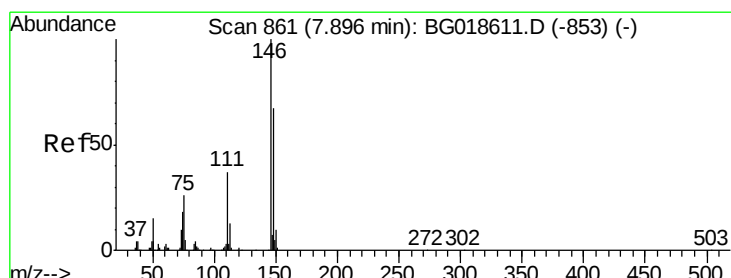
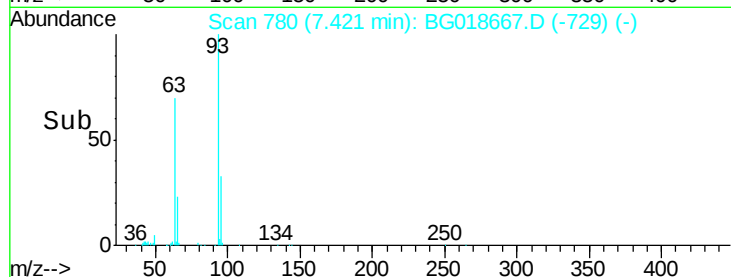
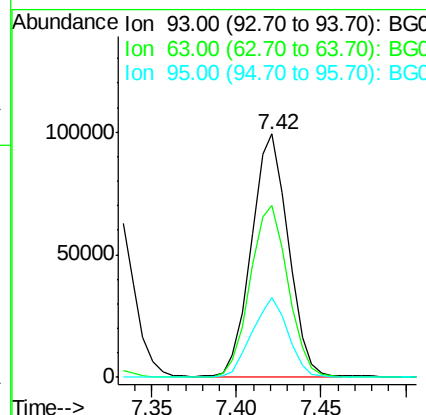
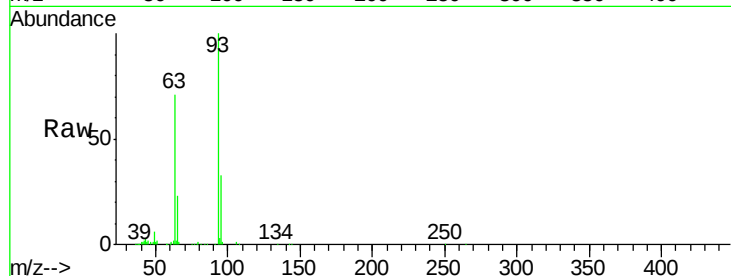




#11
 bis(2-Chloroethyl)ether
 Concen: 38.49 ng
 RT: 7.42 min Scan# 780
 Delta R.T. 0.00 min
 Lab File: BG018667.D
 Acq: 14 Sep 2015 18:21

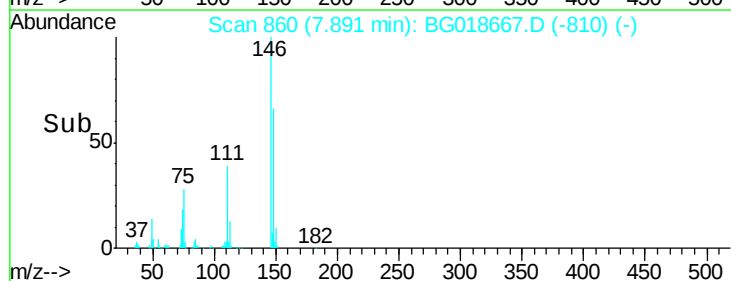
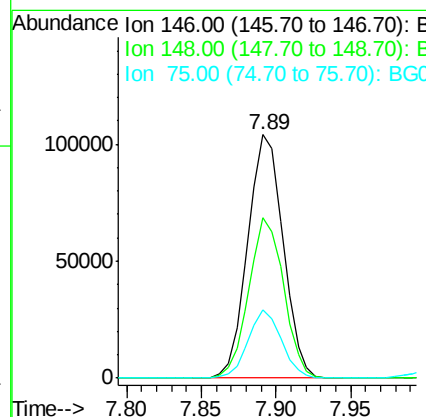
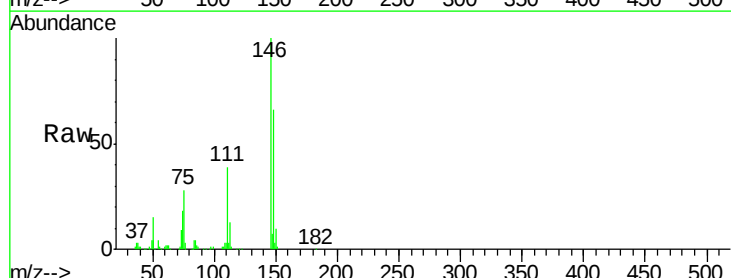
Instrument :
 BNA_G
 ClientSampleId :
 PB85519BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	70.5	50.5	90.5
95	32.7	12.2	52.2



#12
 1,3-Dichlorobenzene
 Concen: 38.23 ng
 RT: 7.89 min Scan# 860
 Delta R.T. -0.01 min
 Lab File: BG018667.D
 Acq: 14 Sep 2015 18:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.0	53.4	80.0
75	28.2	21.1	31.7

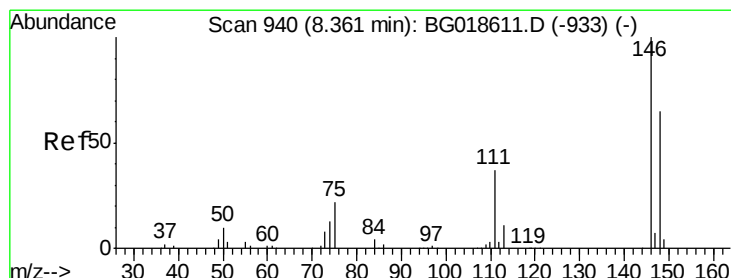
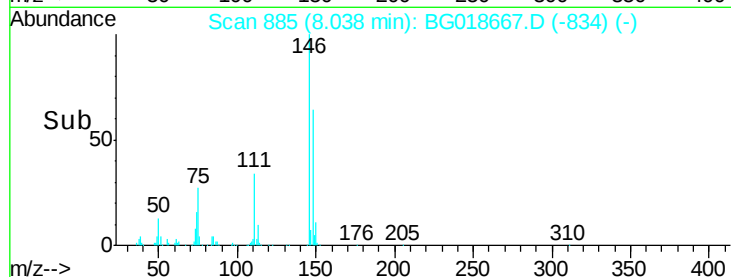
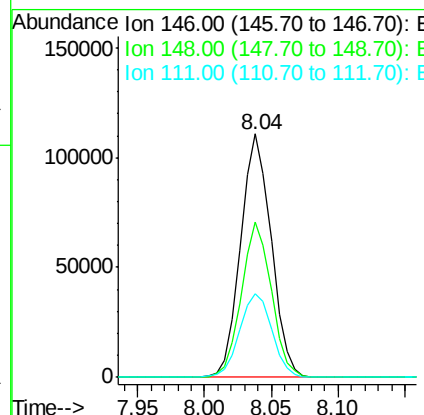
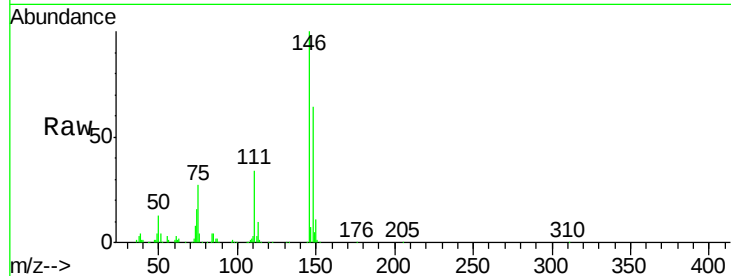




#13
 1,4-Dichlorobenzene
 Concen: 39.29 ng
 RT: 8.04 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: BG018667.D
 Acq: 14 Sep 2015 18:21

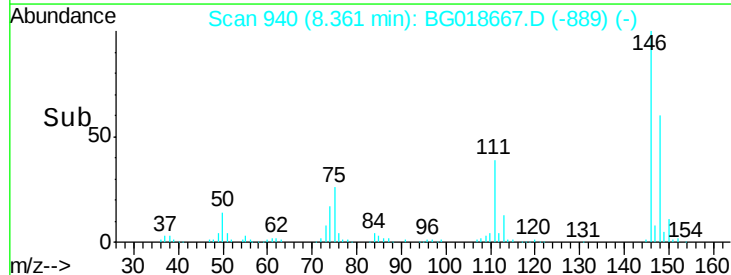
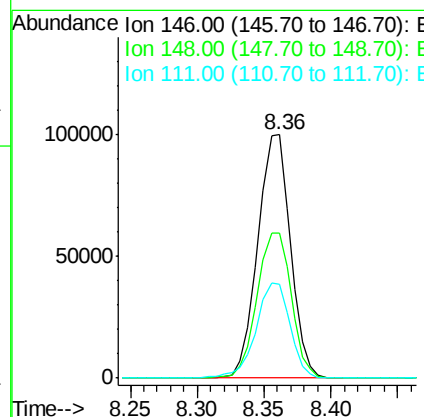
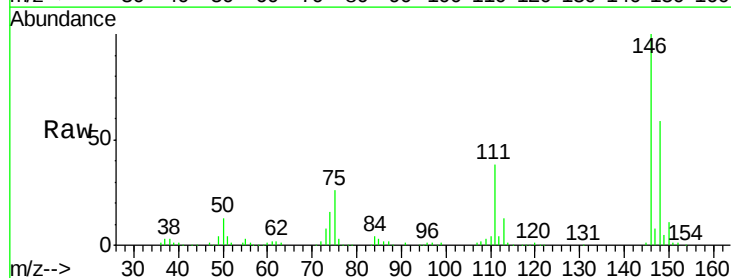
Instrument :
 BNA_G
 ClientSampleId :
 PB85519BS

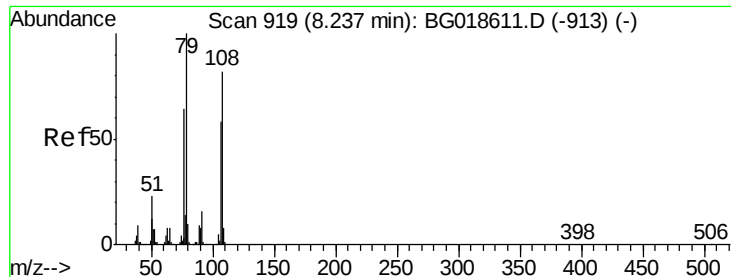
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.5	78.7
111	34.3	28.3	42.5



#14
 1,2-Dichlorobenzene
 Concen: 39.48 ng
 RT: 8.36 min Scan# 940
 Delta R.T. 0.00 min
 Lab File: BG018667.D
 Acq: 14 Sep 2015 18:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	59.5	52.5	78.7
111	38.5	29.9	44.9





#15

Benzyl Alcohol

Concen: 38.75 ng

RT: 8.24 min Scan# 919

Delta R.T. 0.00 min

Lab File: BG018667.D

Acq: 14 Sep 2015 18:21

Instrument :

BNA_G

ClientSampleId :

PB85519BS

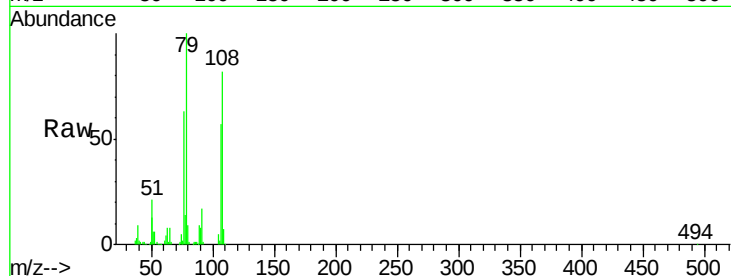
Tot Ion: 79 Resp: 132978

Ion Ratio Lower Upper

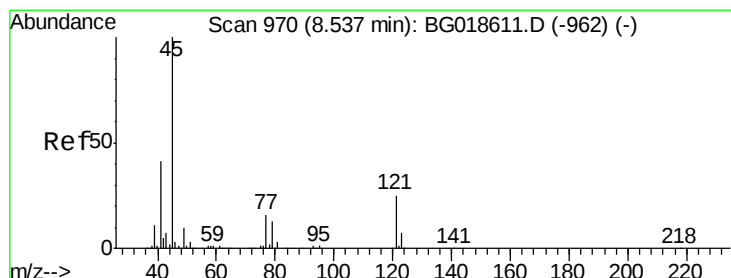
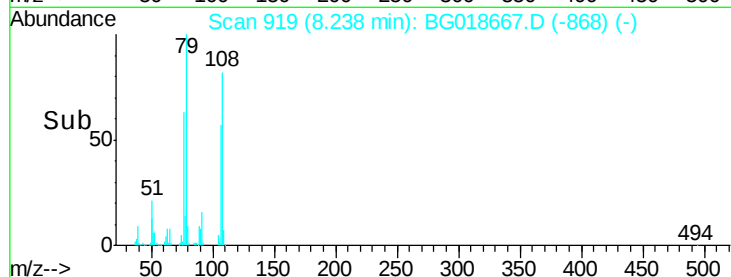
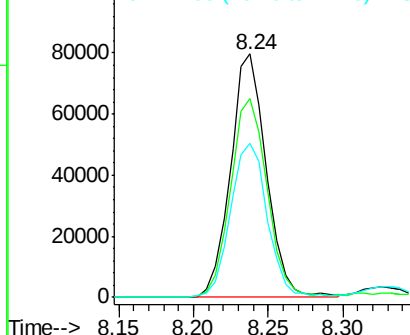
79 100

108 81.7 65.5 98.3

77 63.3 51.3 76.9



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.31 ng

RT: 8.53 min Scan# 969

Delta R.T. -0.01 min

Lab File: BG018667.D

Acq: 14 Sep 2015 18:21

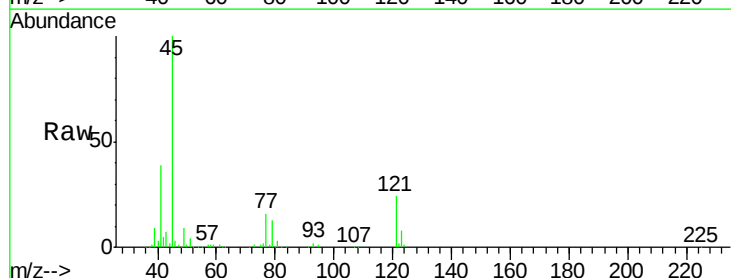
Tgt Ion: 45 Resp: 178445

Ion Ratio Lower Upper

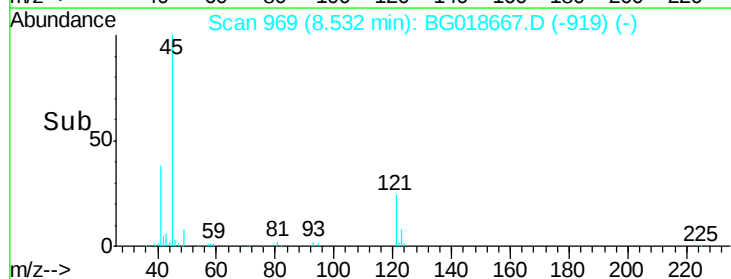
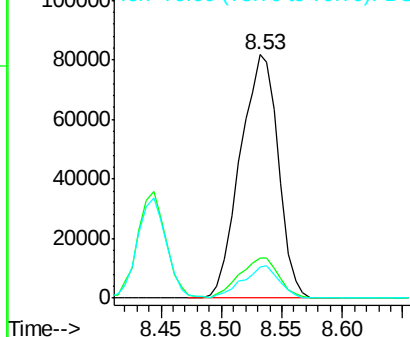
45 100

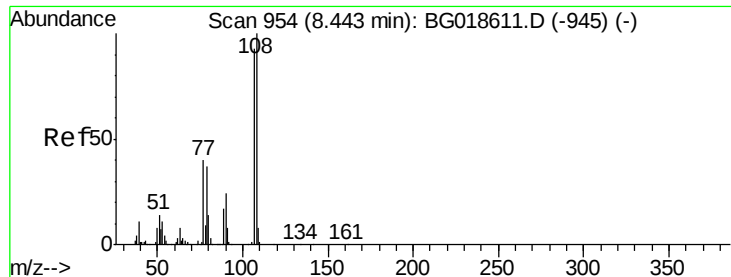
77 16.4 0.0 37.0

79 12.8 0.0 33.8



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 41.26 ng

RT: 8.44 min Scan# 954

Delta R.T. 0.00 min

Lab File: BG018667.D

Acq: 14 Sep 2015 18:21

Instrument :

BNA_G

ClientSampleId :

PB85519BS

Tot Ion:107 Resp: 144199

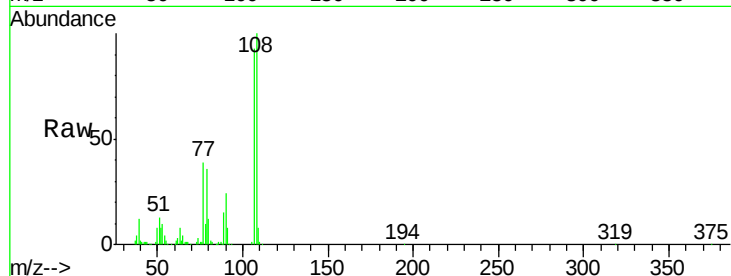
Ion Ratio Lower Upper

107 100

108 107.2 86.5 129.7

77 41.6 34.6 51.8

79 39.1 32.3 48.5

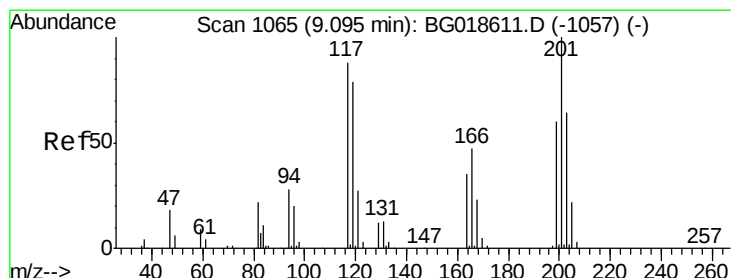
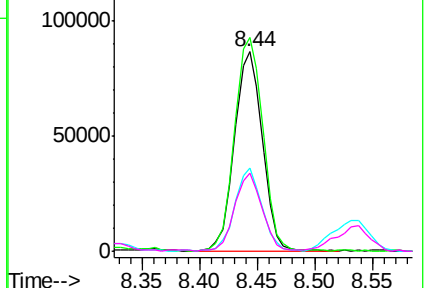
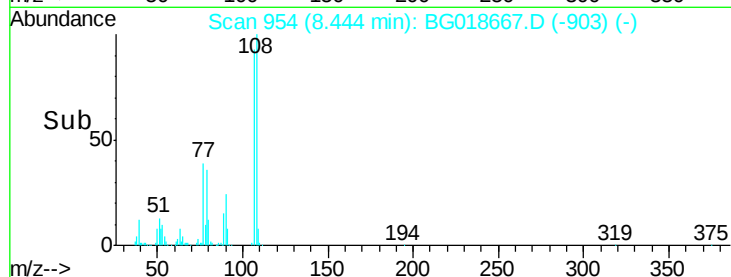


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 37.57 ng

RT: 9.09 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BG018667.D

Acq: 14 Sep 2015 18:21

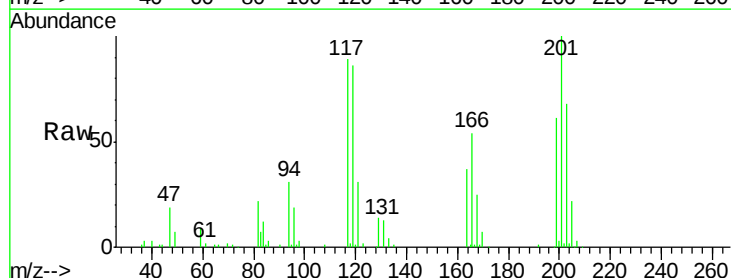
Tgt Ion:117 Resp: 60097

Ion Ratio Lower Upper

117 100

119 96.9 71.7 107.5

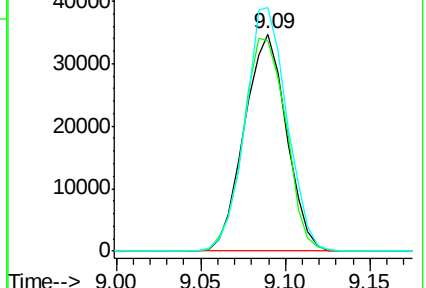
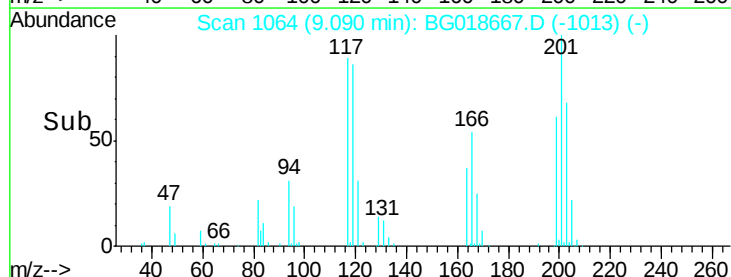
201 112.2 90.9 136.3

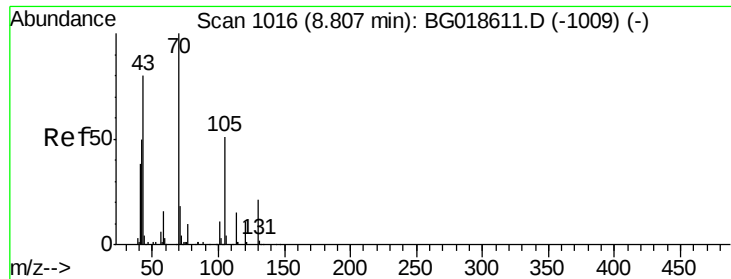


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

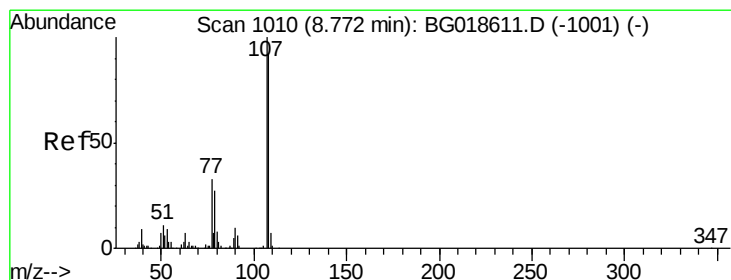
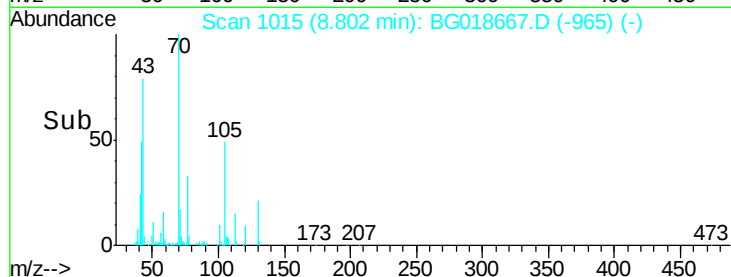
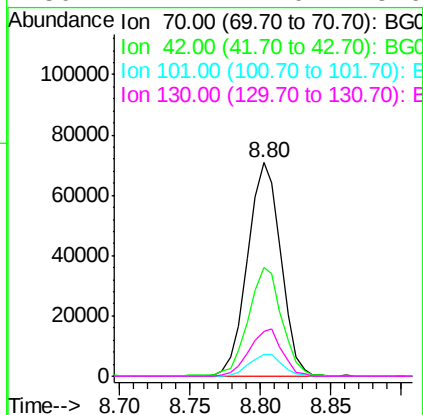
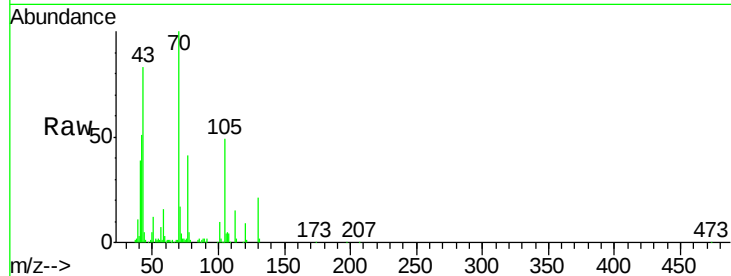




#19
n-Nitroso-di-n-propylamine
Concen: 34.90 ng
RT: 8.80 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BG018667.D
Acq: 14 Sep 2015 18:21

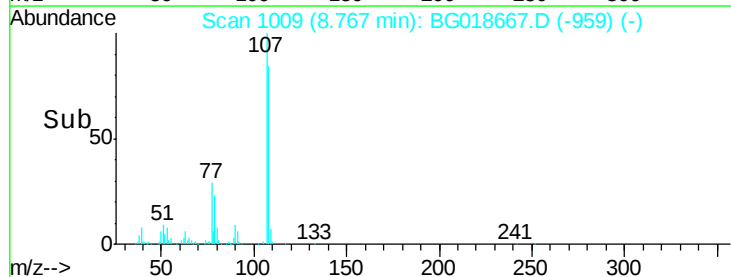
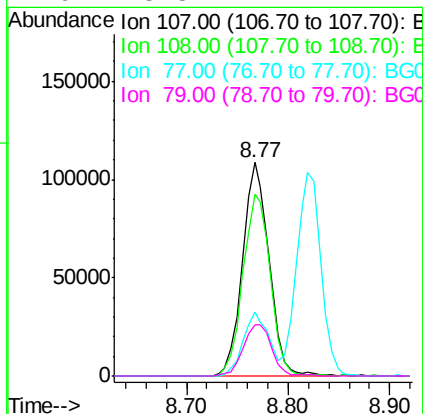
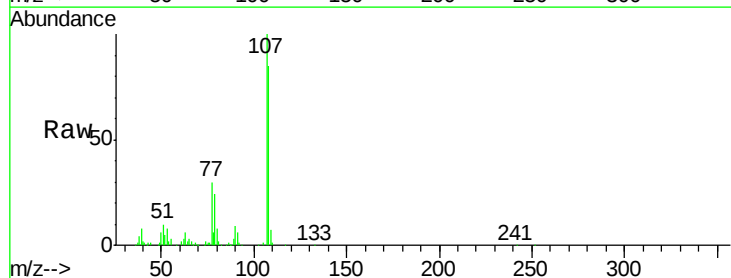
Instrument :
BNA_G
ClientSampleId :
PB85519BS

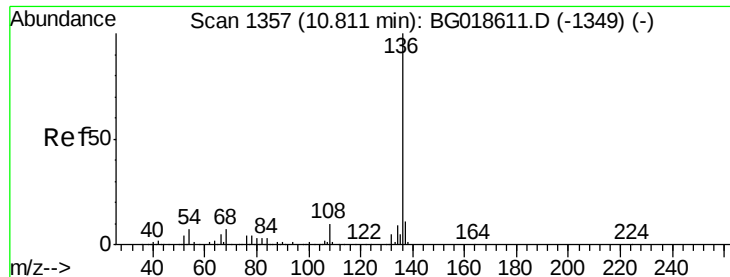
Tot Ion:	70	Resp:	117030
Ion	Ratio	Lower	Upper
70	100		
42	50.9	40.6	60.8
101	10.5	8.6	13.0
130	21.2	17.0	25.6



#20
3+4-Methylphenols
Concen: 40.01 ng
RT: 8.77 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BG018667.D
Acq: 14 Sep 2015 18:21

Tgt Ion:	107	Resp:	196360
Ion	Ratio	Lower	Upper
107	100		
108	85.1	72.2	112.2
77	29.8	13.4	53.4
79	23.8	7.2	47.2

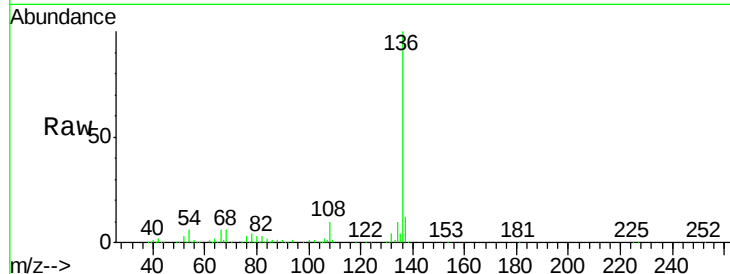




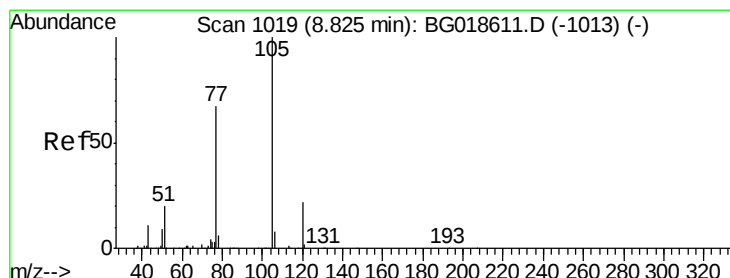
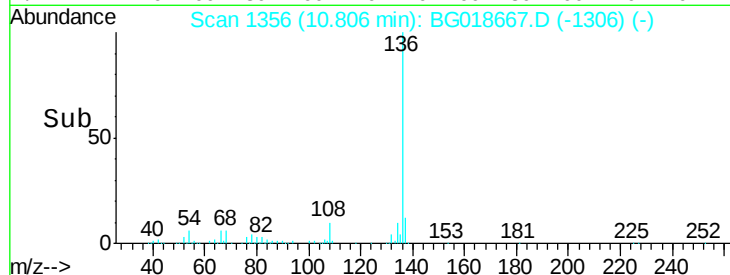
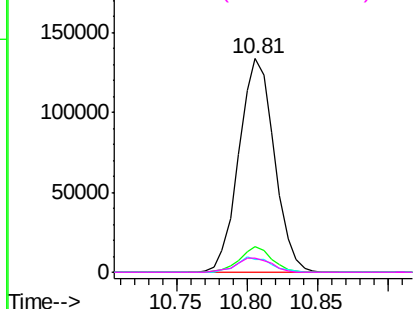
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.81 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BG018667.D
Acq: 14 Sep 2015 18:21

Instrument :
BNA_G
ClientSampleId :
PB85519BS

Tot Ion:136	Resp:	233316
Ion Ratio	Lower	Upper
136 100		
137 12.1	8.6	12.8
54 6.3	5.4	8.2
68 6.3	5.3	7.9

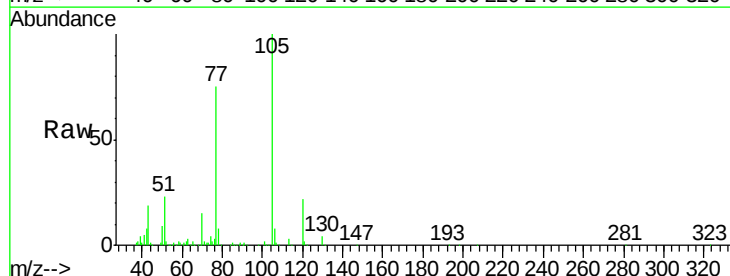


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

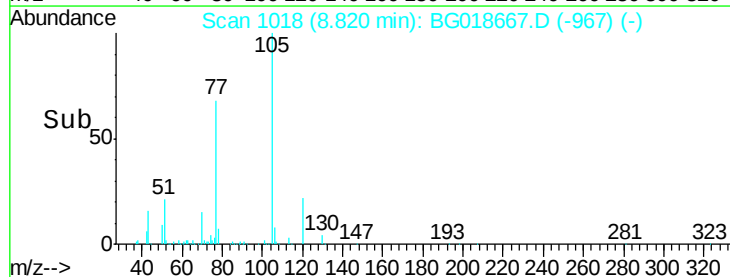
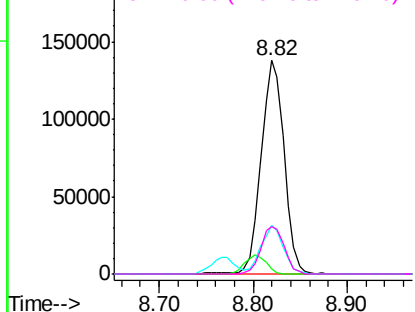


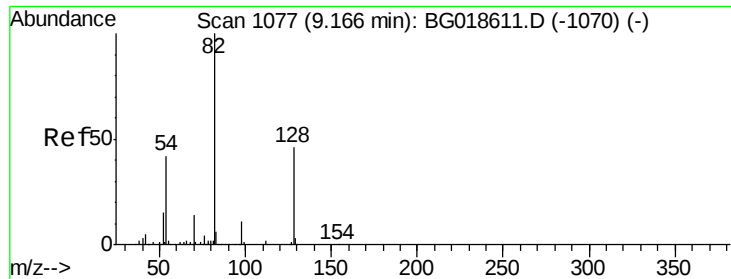
#22
Acetophenone
Concen: 39.46 ng
RT: 8.82 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BG018667.D
Acq: 14 Sep 2015 18:21

Tgt	Ion:105	Resp:	233249
Ion	Ratio	Lower	Upper
105	100		
71	2.3	2.1	3.1
51	22.6	17.8	26.8
120	22.0	17.7	26.5



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





#23

Nitrobenzene-d5

Concen: 77.58 ng

RT: 9.16 min Scan# 1076

Delta R.T. -0.01 min

Lab File: BG018667.D

Acq: 14 Sep 2015 18:21

Instrument :

BNA_G

ClientSampleId :

PB85519BS

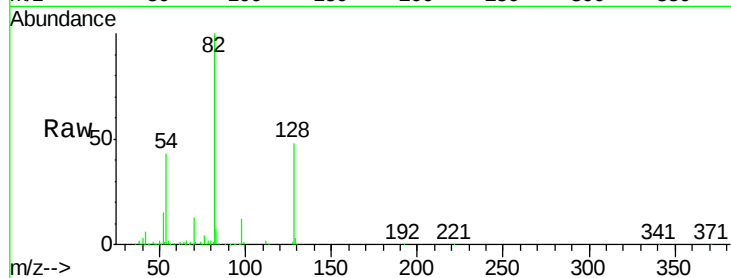
Tot Ion: 82 Resp: 323468

Ion Ratio Lower Upper

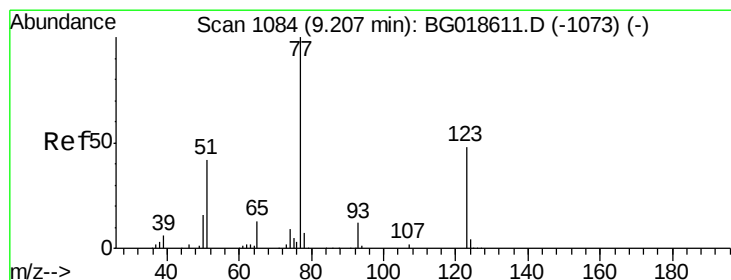
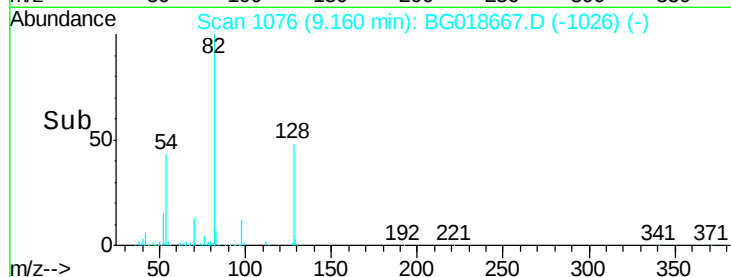
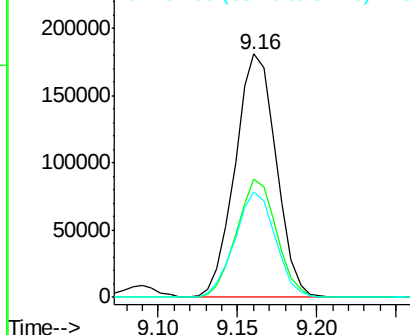
82 100

128 48.4 36.7 55.1

54 43.1 33.8 50.8



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



#24

Nitrobenzene

Concen: 38.68 ng

RT: 9.20 min Scan# 1083

Delta R.T. -0.01 min

Lab File: BG018667.D

Acq: 14 Sep 2015 18:21

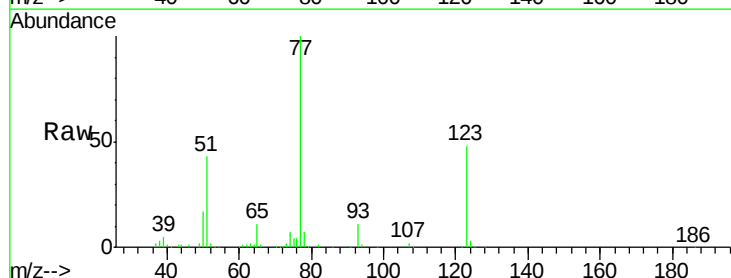
Tgt Ion: 77 Resp: 171275

Ion Ratio Lower Upper

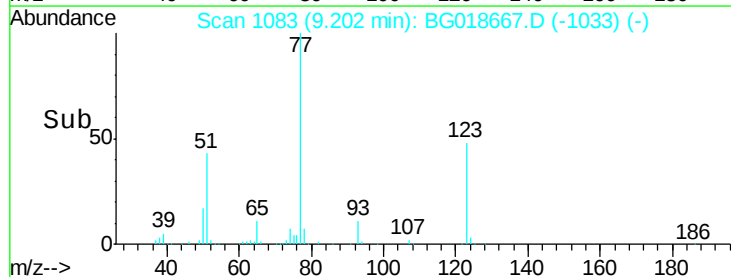
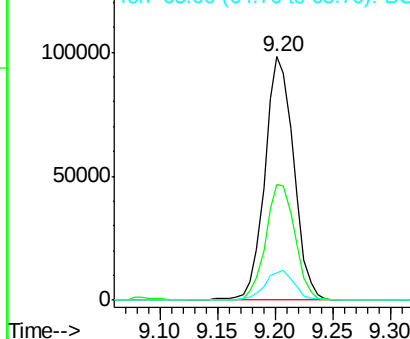
77 100

123 47.7 38.2 57.2

65 11.2 10.6 16.0



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





#25

Isophorone

Concen: 36.09 ng

RT: 9.72 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BG018667.D

Acq: 14 Sep 2015 18:21

Instrument :

BNA_G

ClientSampleId :

PB85519BS

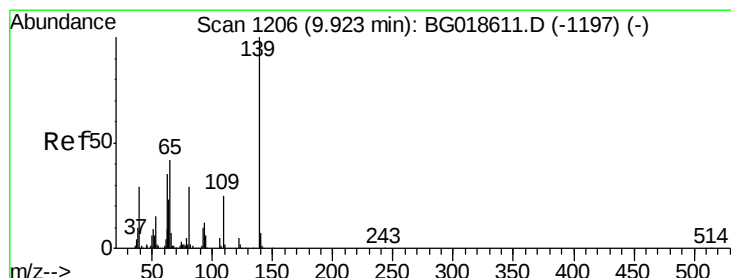
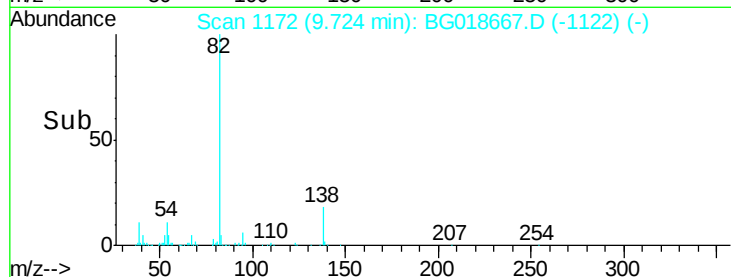
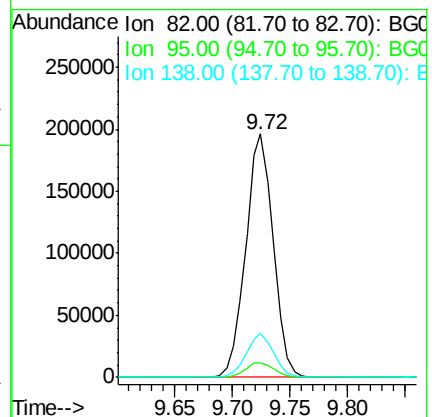
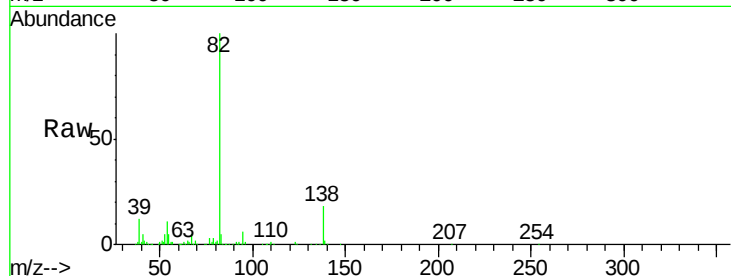
Tot Ion: 82 Resp: 323603

Ion Ratio Lower Upper

82 100

95 6.1 5.2 7.8

138 18.3 14.4 21.6



#26

2-Nitrophenol

Concen: 39.89 ng

RT: 9.91 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BG018667.D

Acq: 14 Sep 2015 18:21

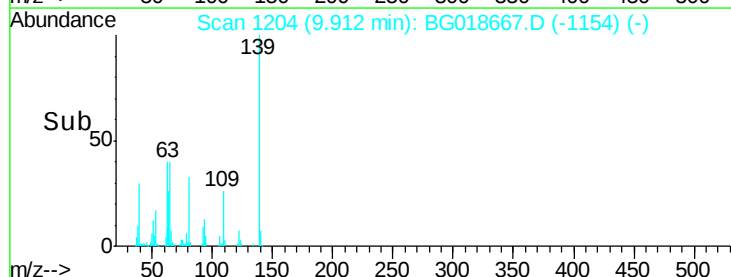
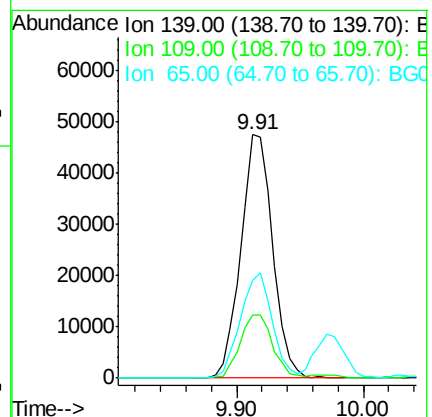
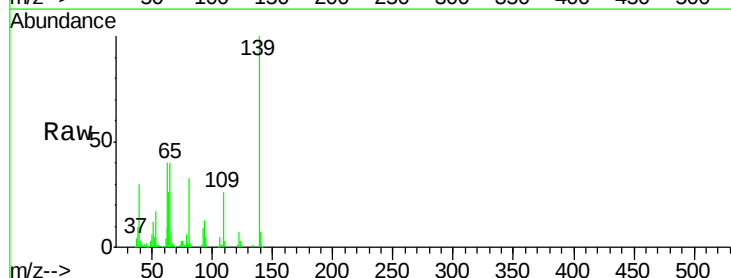
Tgt Ion: 139 Resp: 82403

Ion Ratio Lower Upper

139 100

109 26.0 20.1 30.1

65 40.3 34.1 51.1





#27

2,4-Dimethylphenol

Concen: 41.14 ng

RT: 9.98 min Scan# 1215

Delta R.T. 0.00 min

Lab File: BG018667.D

Acq: 14 Sep 2015 18:21

Instrument :

BNA_G

ClientSampleId :

PB85519BS

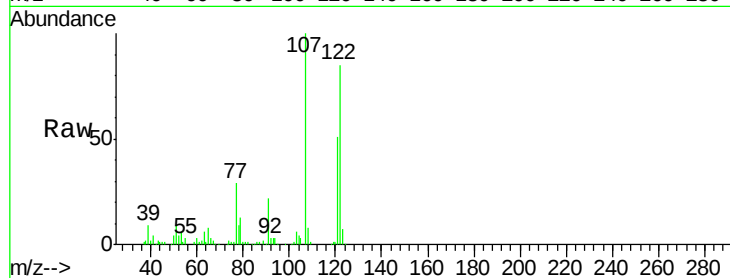
Tot Ion:122 Resp: 154325

Ion Ratio Lower Upper

122 100

107 118.0 91.6 137.4

121 60.4 47.3 70.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

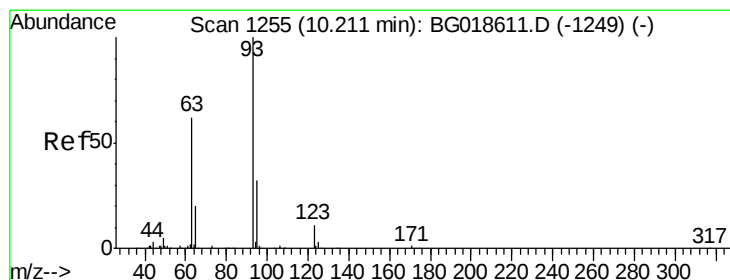
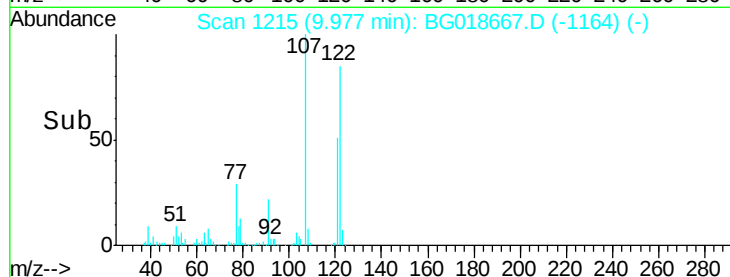
Ion 121.00 (120.70 to 121.70): E

100000

50000

9.98

Time--> 9.90 9.95 10.00



#28

bis(2-Chloroethoxy)methane

Concen: 40.54 ng

RT: 10.21 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BG018667.D

Acq: 14 Sep 2015 18:21

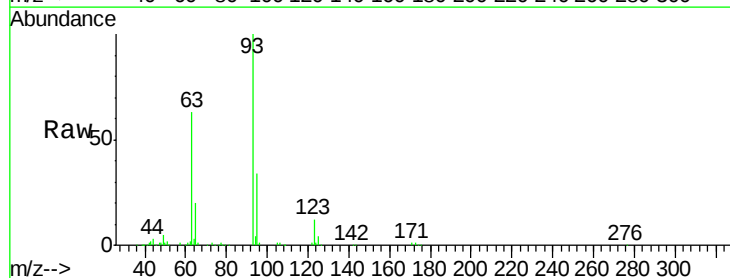
Tgt Ion: 93 Resp: 208743

Ion Ratio Lower Upper

93 100

95 33.6 25.7 38.5

123 11.6 8.6 12.8



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

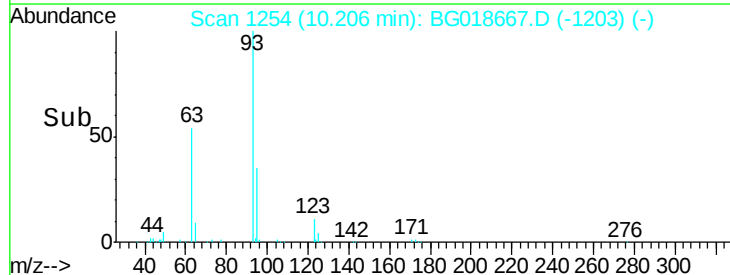
150000

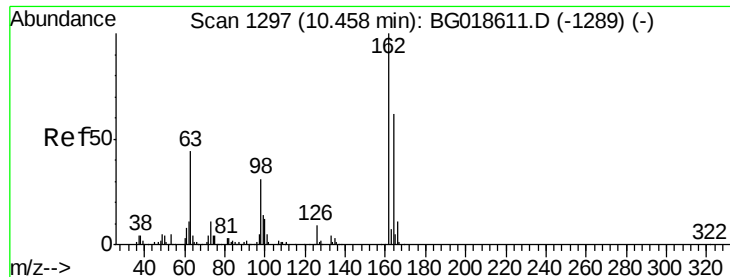
100000

50000

10.21

Time--> 10.10 10.20 10.30

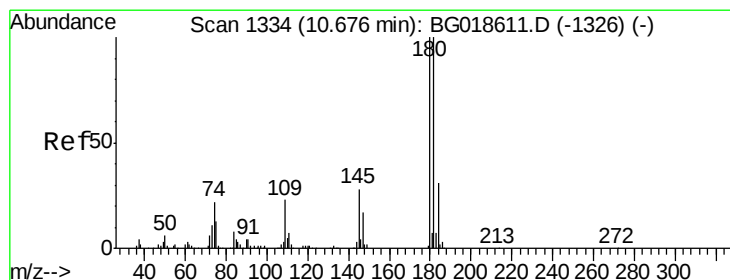
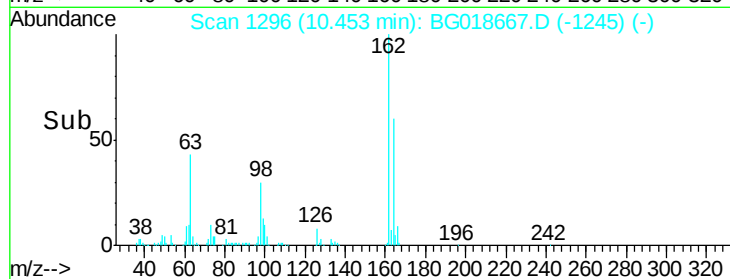
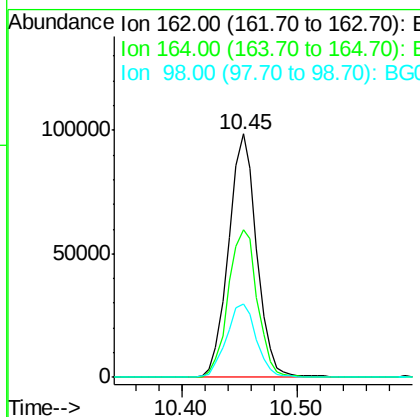
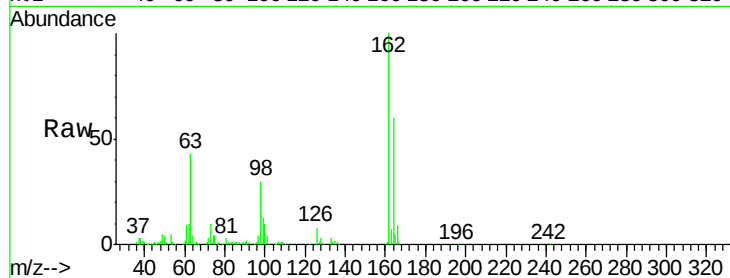




#29
 2,4-Dichlorophenol
 Concen: 43.79 ng
 RT: 10.45 min Scan# 1296
 Delta R.T. 0.00 min
 Lab File: BG018667.D
 Acq: 14 Sep 2015 18:21

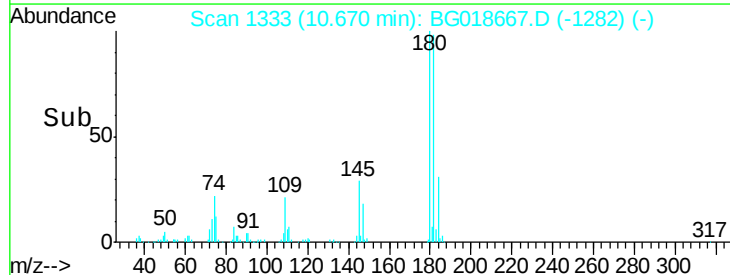
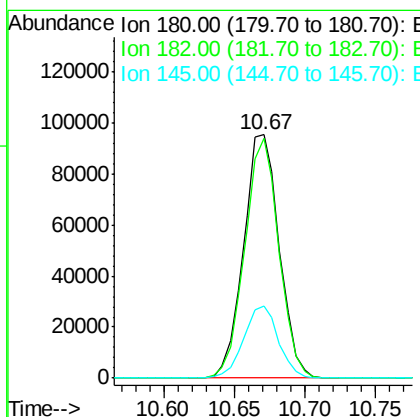
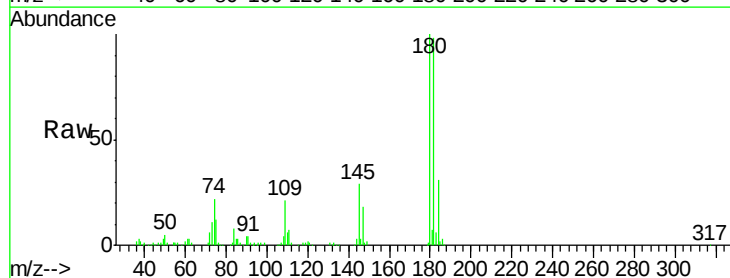
Instrument :
 BNA_G
 ClientSampleId :
 PB85519BS

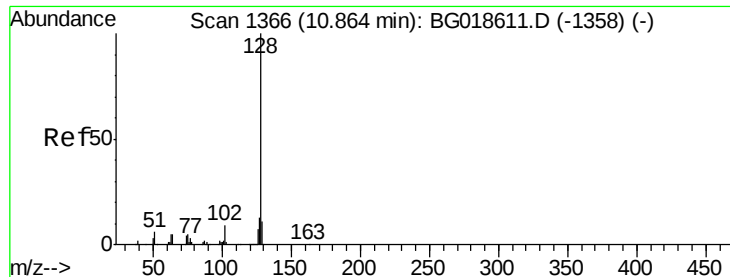
Tot Ion:162	Resp:	165991
Ion Ratio	Lower	Upper
162	100	
164	60.5	42.3 82.3
98	30.2	11.5 51.5



#30
 1,2,4-Trichlorobenzene
 Concen: 40.12 ng
 RT: 10.67 min Scan# 1333
 Delta R.T. 0.00 min
 Lab File: BG018667.D
 Acq: 14 Sep 2015 18:21

Tgt Ion:180	Resp:	168552
Ion Ratio	Lower	Upper
180	100	
182	98.5	79.7 119.5
145	29.5	22.0 33.0

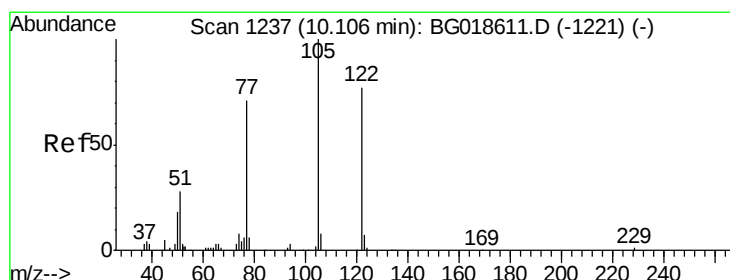
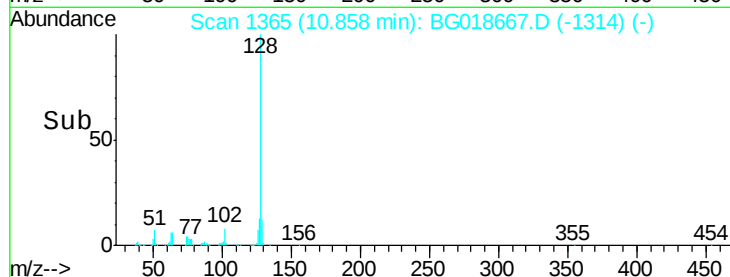
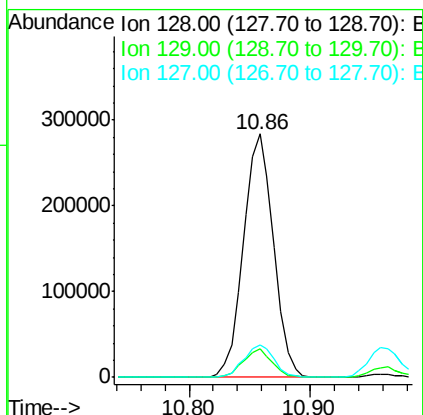
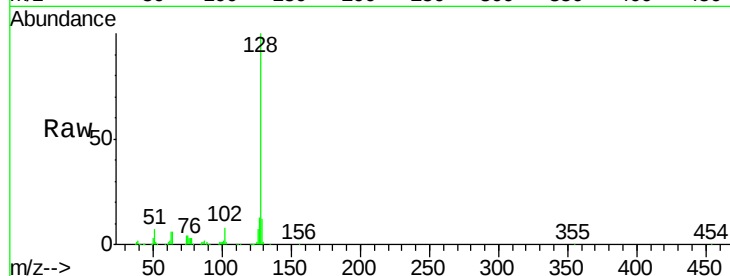




#31
Naphthalene
Concen: 39.29 ng
RT: 10.86 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BG018667.D
Acq: 14 Sep 2015 18:21

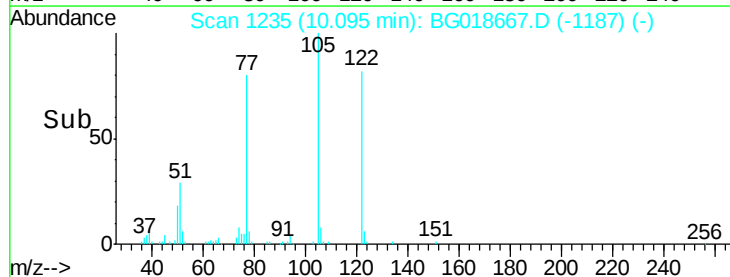
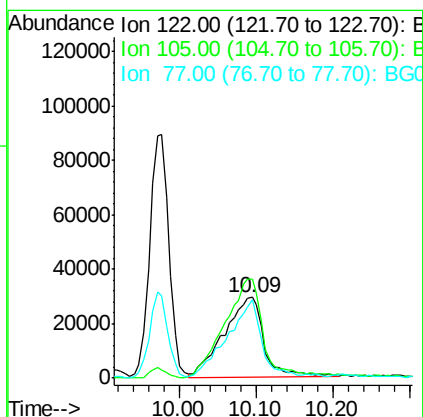
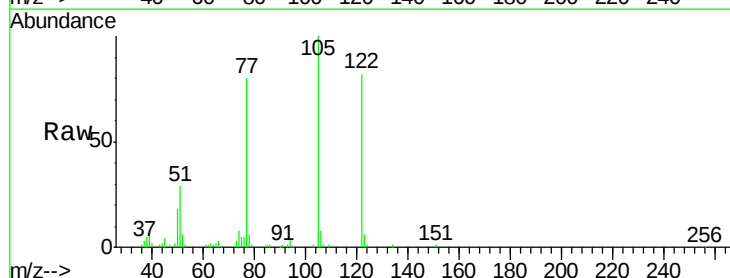
Instrument :
BNA_G
ClientSampleId :
PB85519BS

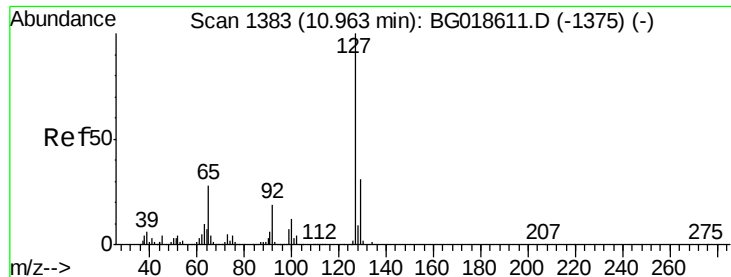
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.5	12.7
127	13.3	10.6	16.0



#32
Benzoic acid
Concen: 35.96 ng
RT: 10.09 min Scan# 1235
Delta R.T. -0.02 min
Lab File: BG018667.D
Acq: 14 Sep 2015 18:21

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.7	103.8	143.8
77	98.1	68.8	108.8

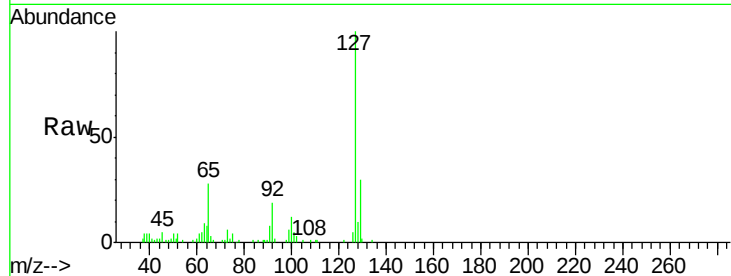




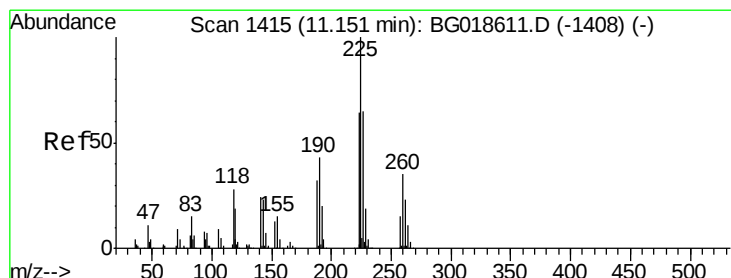
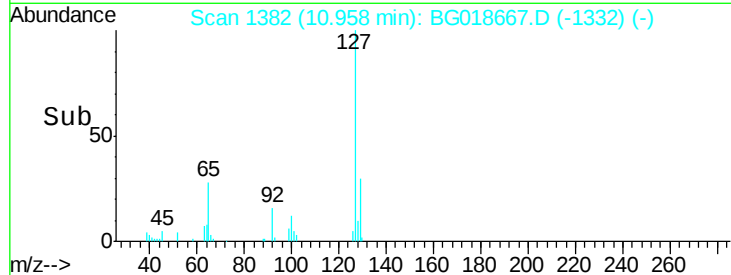
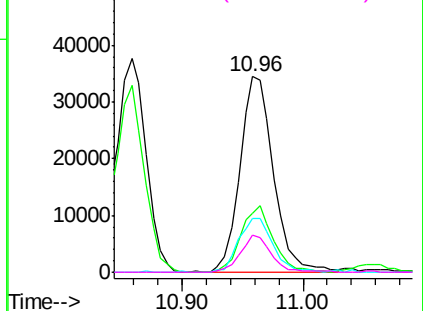
#33
4-Chloroaniline
Concen: 11.81 ng
RT: 10.96 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BG018667.D
Acq: 14 Sep 2015 18:21

Instrument :
BNA_G
ClientSampleId :
PB85519BS

Tot Ion:127	Resp:	66756	
Ion Ratio	Lower	Upper	
127 100			
129 30.4	24.6	37.0	
65 27.6	22.6	33.8	
92 18.8	15.1	22.7	

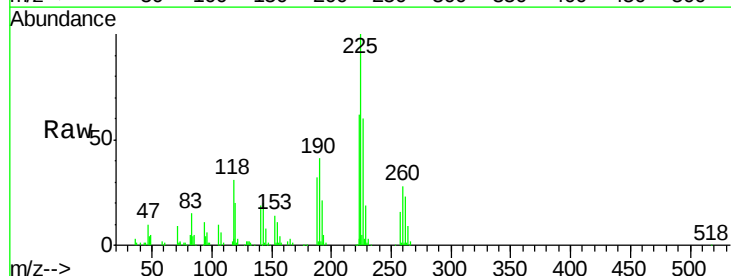


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

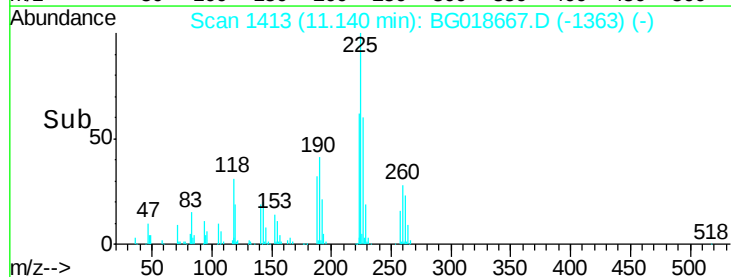
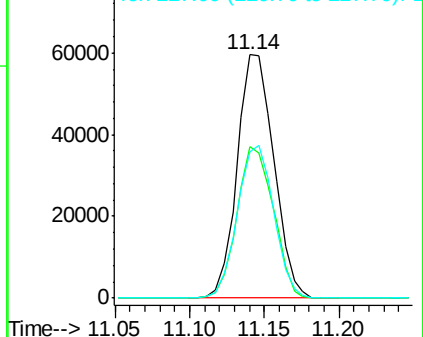


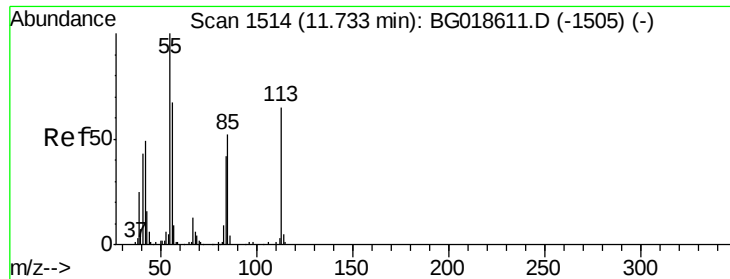
#34
Hexachlorobutadiene
Concen: 41.00 ng
RT: 11.14 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BG018667.D
Acq: 14 Sep 2015 18:21

Tgt	Ion:225	Resp:	101532
Ion	Ratio	Lower	Upper
225	100		
223	62.4	51.0	76.4
227	62.7	51.8	77.8



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: 24.04 ng

RT: 11.72 min Scan# 1511

Delta R.T. -0.02 min

Lab File: BG018667.D

Acq: 14 Sep 2015 18:21

Instrument :

BNA_G

ClientSampleId :

PB85519BS

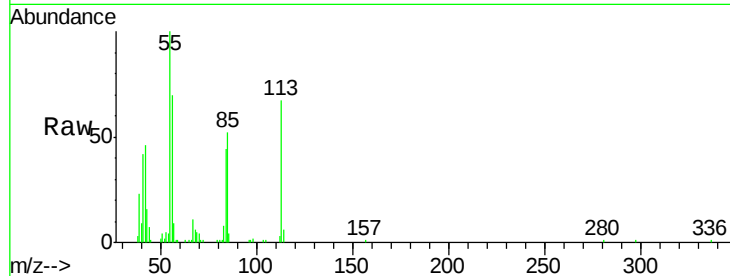
Tot Ion:113 Resp: 39180

Ion Ratio Lower Upper

113 100

55 149.1 135.0 175.0

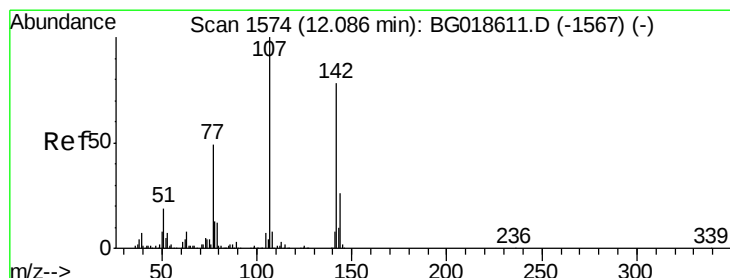
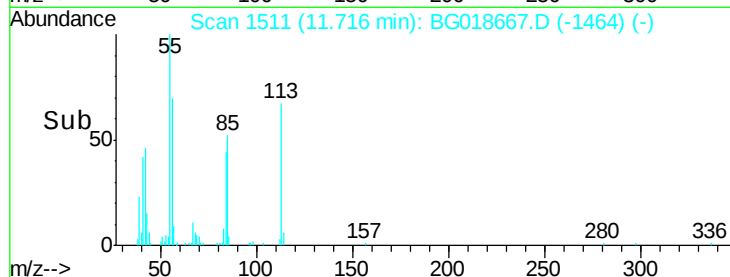
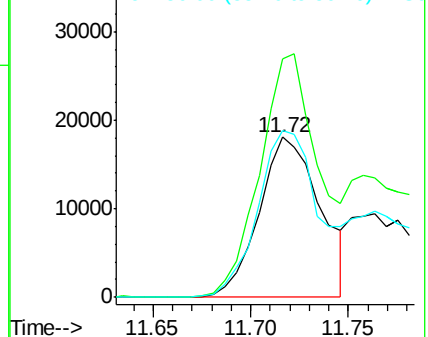
56 104.3 83.4 123.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 39.69 ng

RT: 12.08 min Scan# 1573

Delta R.T. 0.00 min

Lab File: BG018667.D

Acq: 14 Sep 2015 18:21

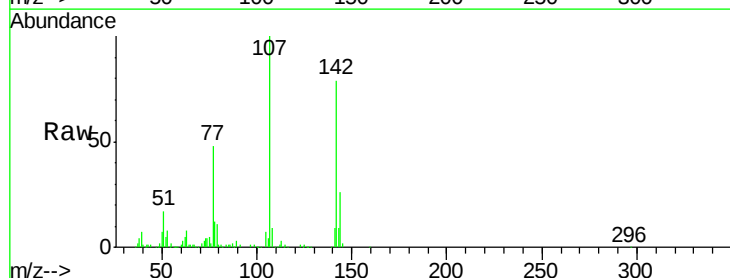
Tgt Ion:107 Resp: 167837

Ion Ratio Lower Upper

107 100

144 26.1 20.6 31.0

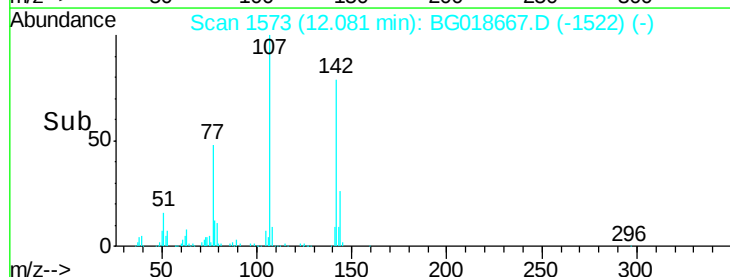
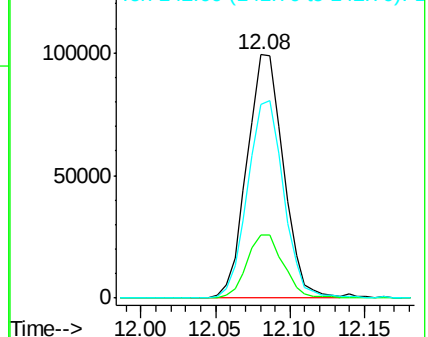
142 79.3 62.6 93.8

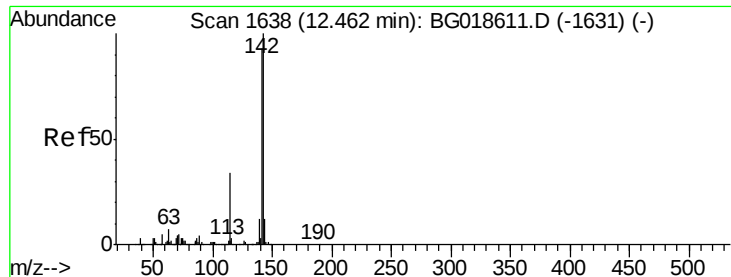


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.78 ng

RT: 12.46 min Scan# 1638

Delta R.T. 0.00 min

Lab File: BG018667.D

Acq: 14 Sep 2015 18:21

Instrument :

BNA_G

ClientSampleId :

PB85519BS

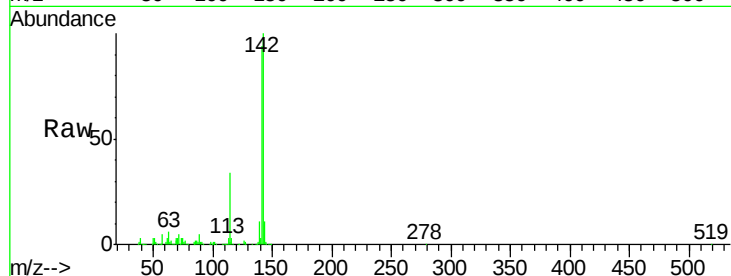
Tot Ion:142 Resp: 354654

Ion Ratio Lower Upper

142 100

141 93.8 74.6 112.0

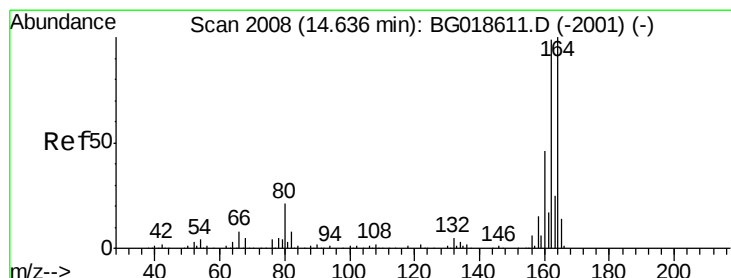
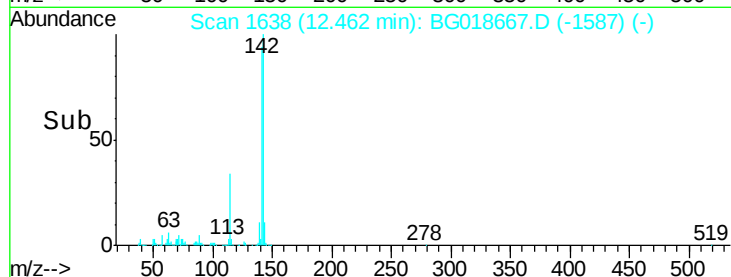
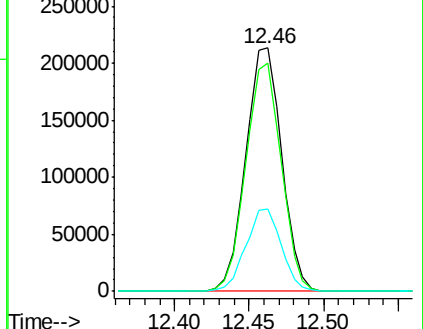
115 33.7 27.4 41.0



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: 20.00 ng

RT: 14.63 min Scan# 2007

Delta R.T. 0.00 min

Lab File: BG018667.D

Acq: 14 Sep 2015 18:21

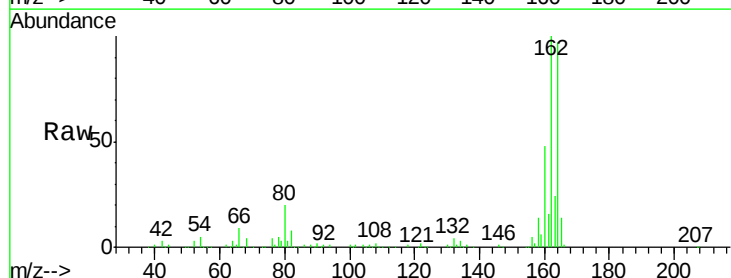
Tgt Ion:164 Resp: 142183

Ion Ratio Lower Upper

164 100

162 103.5 78.8 118.2

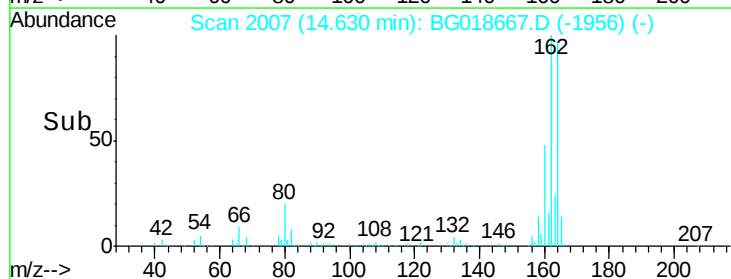
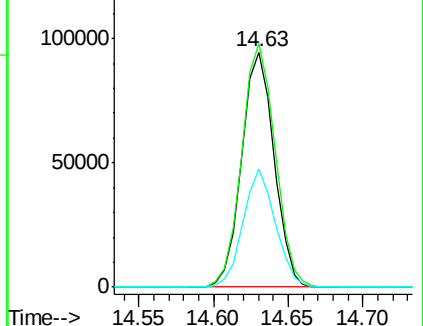
160 50.0 36.4 54.6

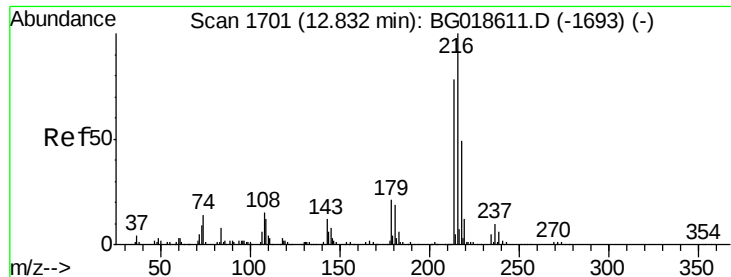


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

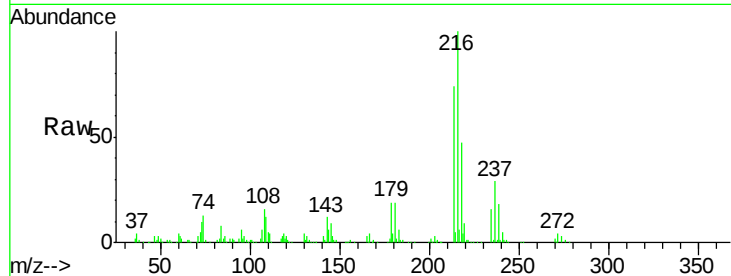




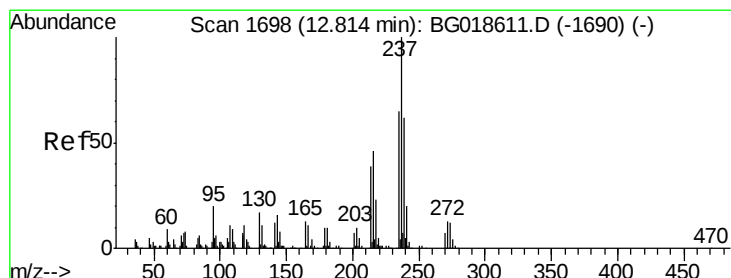
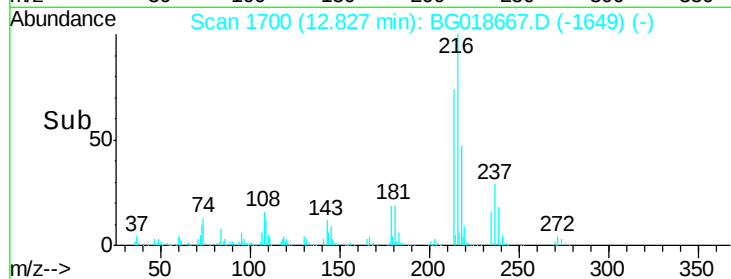
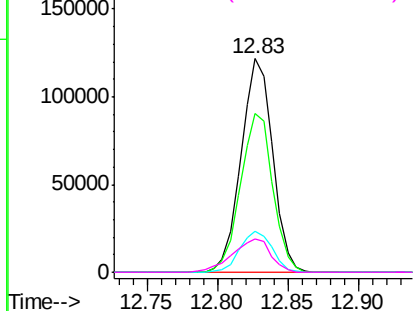
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.14 ng
 RT: 12.83 min Scan# 1700
 Delta R.T. 0.00 min
 Lab File: BG018667.D
 Acq: 14 Sep 2015 18:21

Instrument :
 BNA_G
 ClientSampleId :
 PB85519BS

Tot Ion:216	Resp:	190046
Ion Ratio	Lower	Upper
216	100	
214	76.2	62.5 93.7
179	19.7	15.6 23.4
108	19.0	13.3 19.9

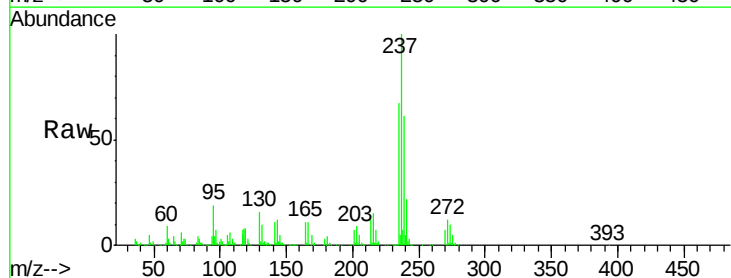


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

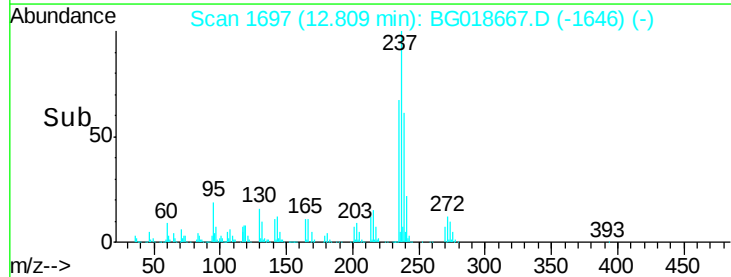
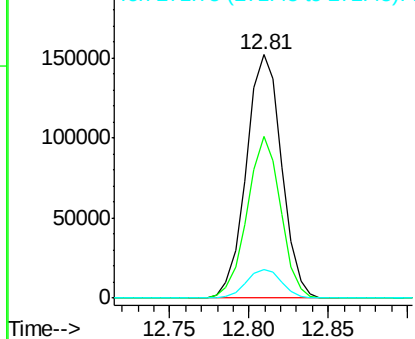


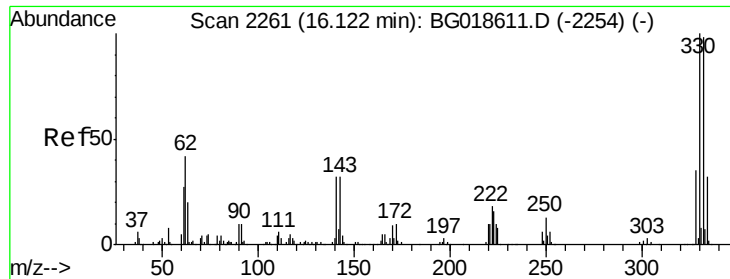
#40
 Hexachlorocyclopentadiene
 Concen: 103.71 ng
 RT: 12.81 min Scan# 1697
 Delta R.T. 0.00 min
 Lab File: BG018667.D
 Acq: 14 Sep 2015 18:21

Tgt Ion:237	Resp:	234870
Ion Ratio	Lower	Upper
237	100	
235	66.5	44.6 84.6
272	11.8	0.0 32.8



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

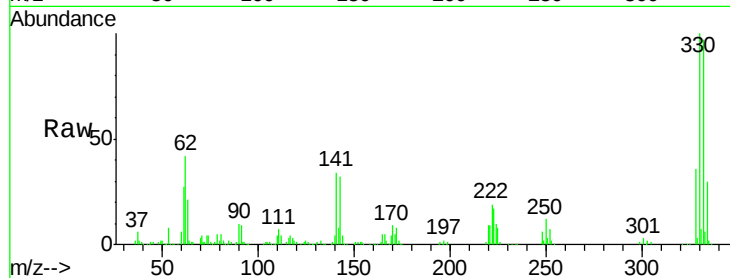




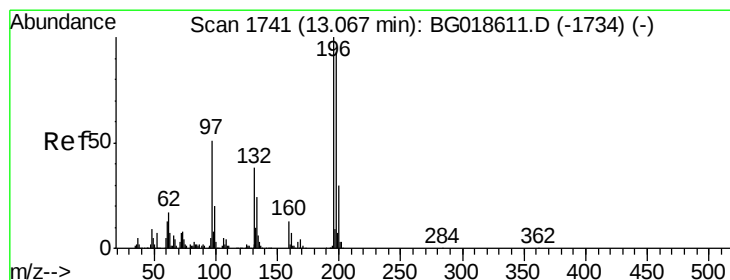
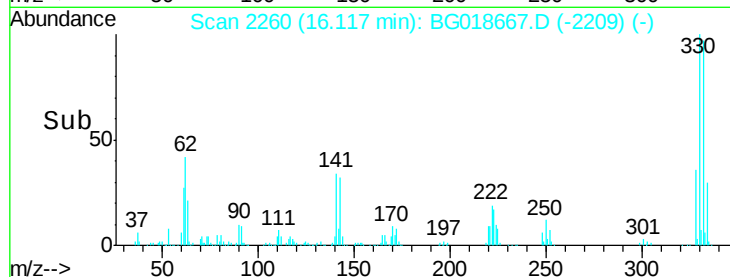
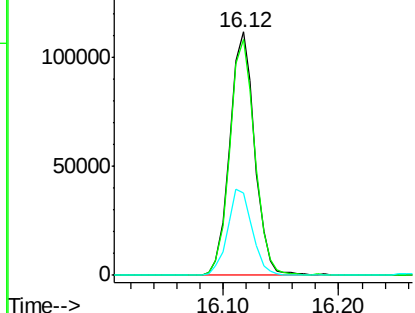
#41
 2,4,6-Tribromophenol
 Concen: 86.45 ng
 RT: 16.12 min Scan# 2260
 Delta R.T. 0.00 min
 Lab File: BG018667.D
 Acq: 14 Sep 2015 18:21

Instrument :
 BNA_G
 ClientSampleId :
 PB85519BS

Tot Ion:330 Resp: 165500
 Ion Ratio Lower Upper
 330 100
 332 97.9 78.1 117.1
 141 34.9 28.2 42.2

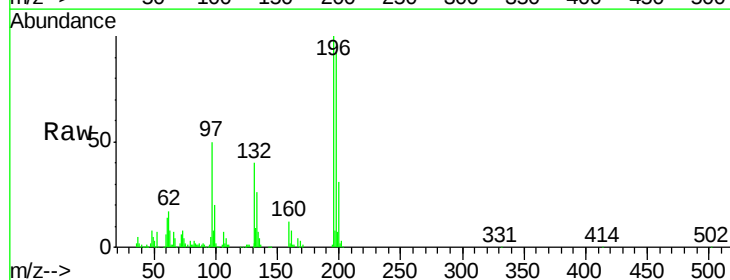


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

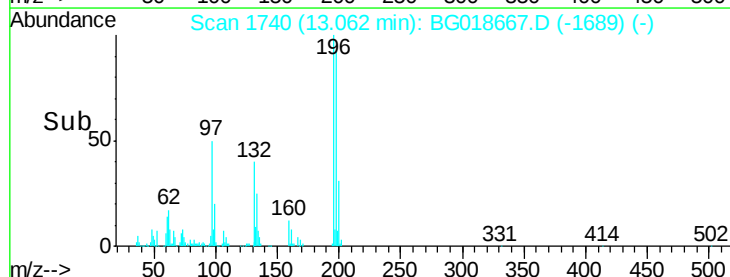
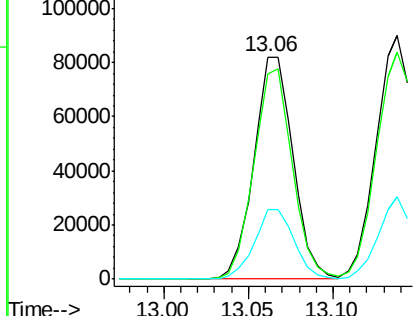


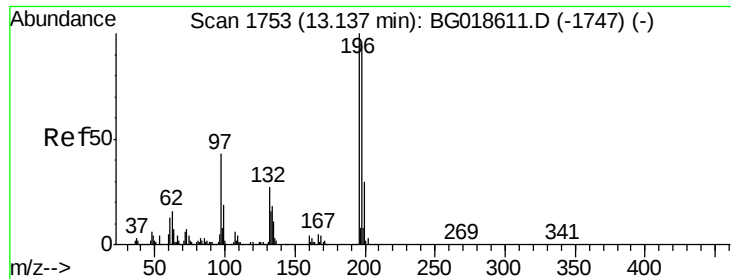
#42
 2,4,6-Trichlorophenol
 Concen: 42.39 ng
 RT: 13.06 min Scan# 1740
 Delta R.T. 0.00 min
 Lab File: BG018667.D
 Acq: 14 Sep 2015 18:21

Tgt Ion:196 Resp: 132393
 Ion Ratio Lower Upper
 196 100
 198 92.0 74.7 112.1
 200 31.1 24.1 36.1



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

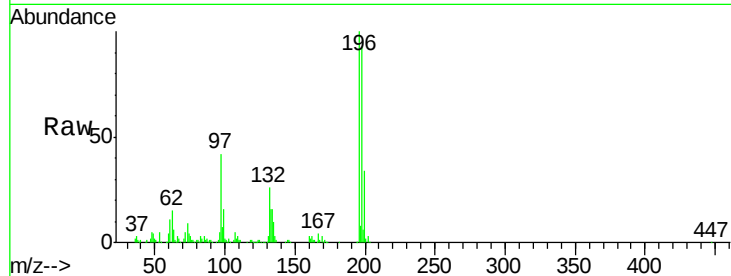




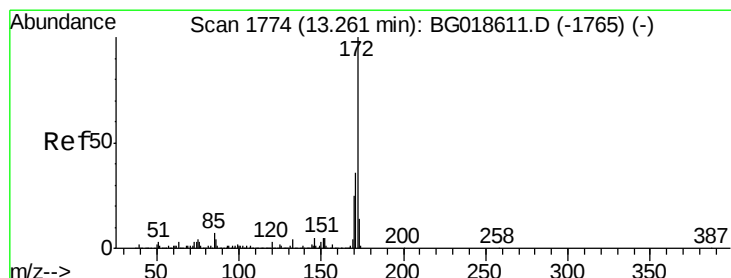
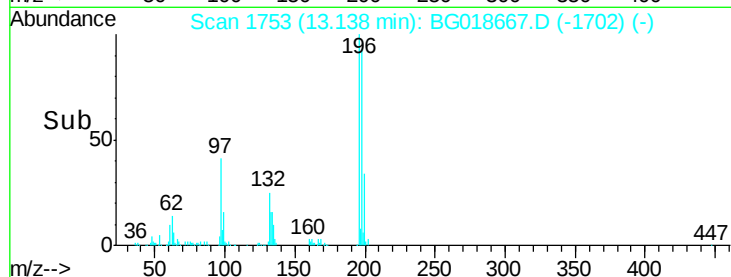
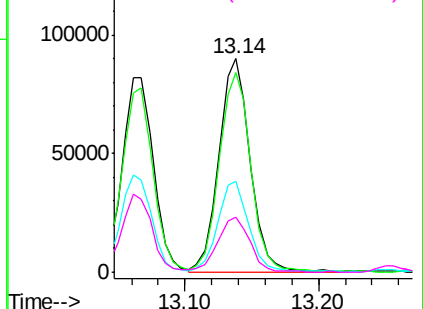
#43
 2,4,5-Trichlorophenol
 Concen: 42.82 ng
 RT: 13.14 min Scan# 1753
 Delta R.T. 0.00 min
 Lab File: BG018667.D
 Acq: 14 Sep 2015 18:21

Instrument :
 BNA_G
 ClientSampleId :
 PB85519BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.2	75.2	112.8
97	42.3	34.2	51.2
132	25.8	21.8	32.6

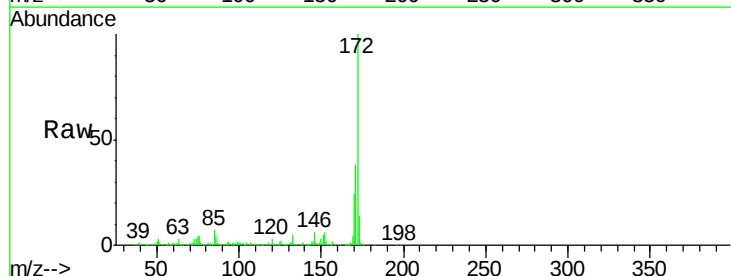


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGO
 Ion 132.00 (131.70 to 132.70): E

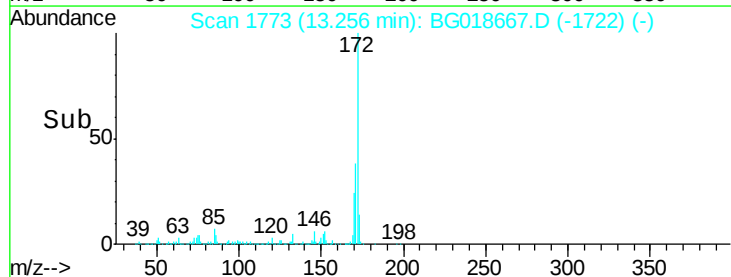
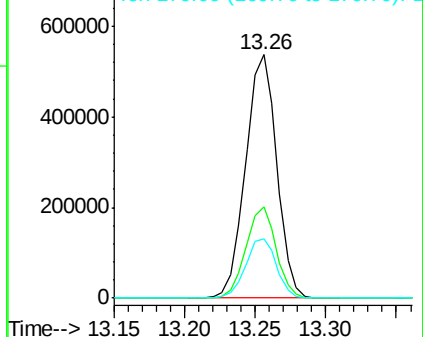


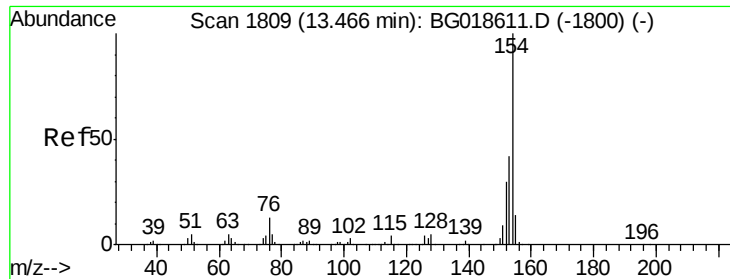
#44
 2-Fluorobiphenyl
 Concen: 80.98 ng
 RT: 13.26 min Scan# 1773
 Delta R.T. 0.00 min
 Lab File: BG018667.D
 Acq: 14 Sep 2015 18:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.0	43.6
170	24.4	19.9	29.9



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: 41.59 ng

RT: 13.47 min Scan# 1809

Delta R.T. 0.00 min

Lab File: BG018667.D

Acq: 14 Sep 2015 18:21

Instrument :

BNA_G

ClientSampleId :

PB85519BS

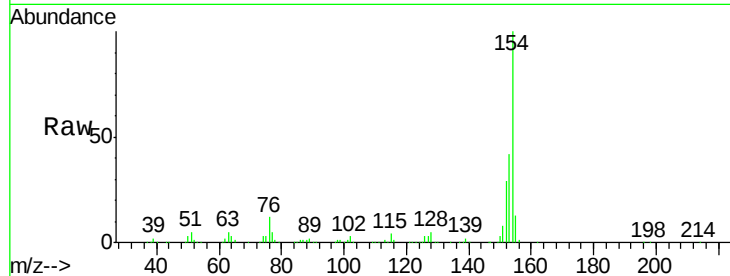
Tot Ion:154 Resp: 470205

Ion Ratio Lower Upper

154 100

153 41.6 21.9 61.9

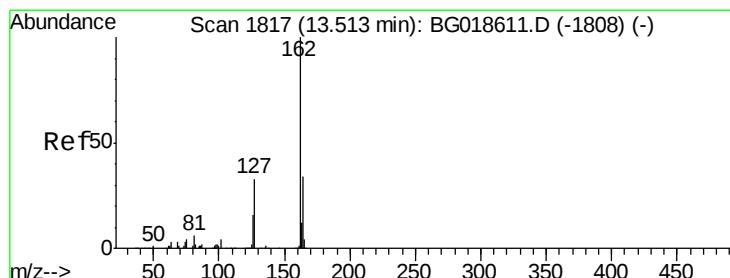
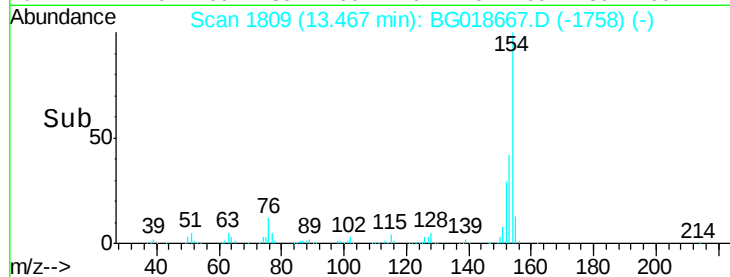
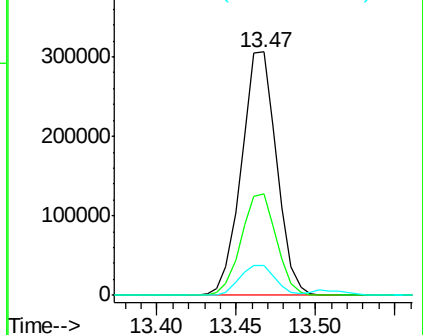
76 12.3 0.0 33.2



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): B



#46

2-Chloronaphthalene

Concen: 41.71 ng

RT: 13.51 min Scan# 1816

Delta R.T. 0.00 min

Lab File: BG018667.D

Acq: 14 Sep 2015 18:21

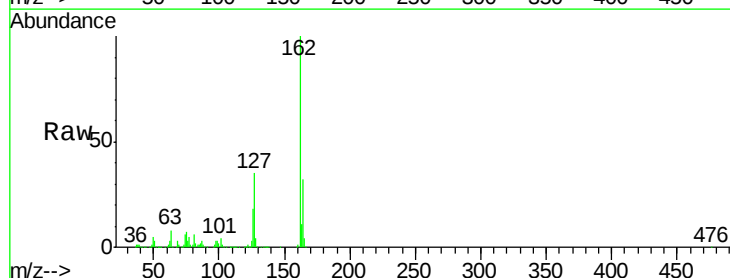
Tgt Ion:162 Resp: 363348

Ion Ratio Lower Upper

162 100

127 35.3 28.3 42.5

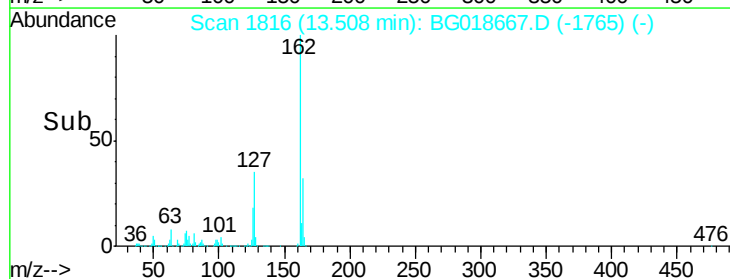
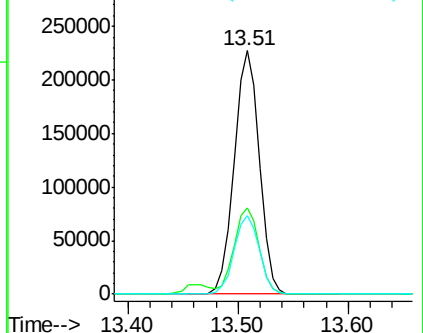
164 32.4 27.4 41.0

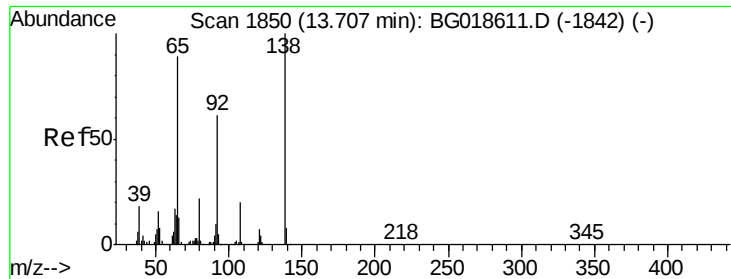


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 39.38 ng

RT: 13.70 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BG018667.D

Acq: 14 Sep 2015 18:21

Instrument :

BNA_G

ClientSampleId :

PB85519BS

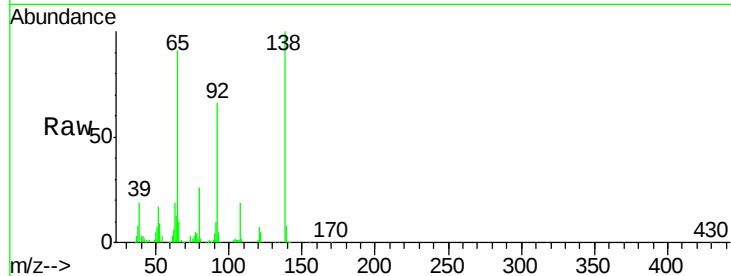
Tot Ion: 65 Resp: 103221

Ion Ratio Lower Upper

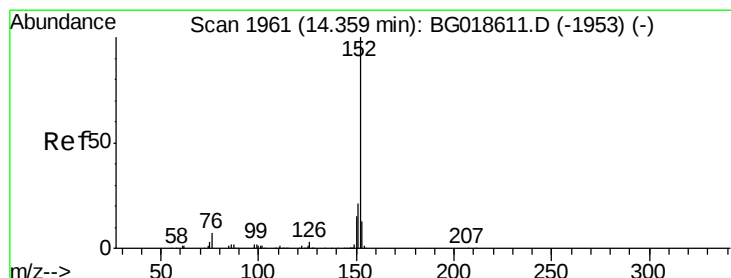
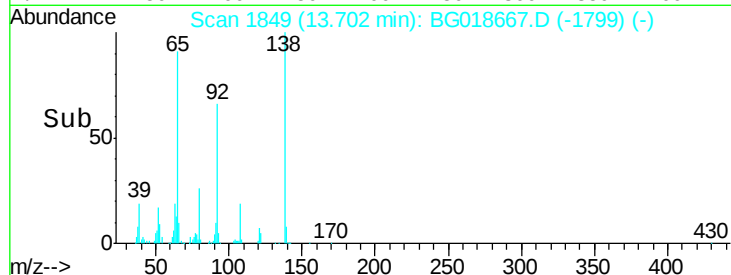
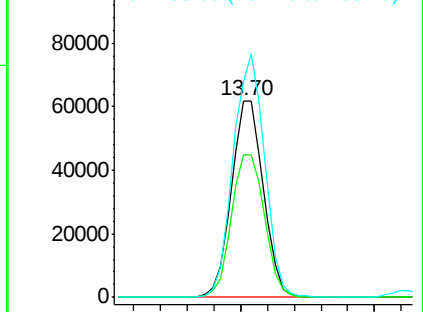
65 100

92 72.4 54.8 82.2

138 109.3 89.6 134.4



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



#48

Acenaphthylene

Concen: 40.17 ng

RT: 14.35 min Scan# 1960

Delta R.T. 0.00 min

Lab File: BG018667.D

Acq: 14 Sep 2015 18:21

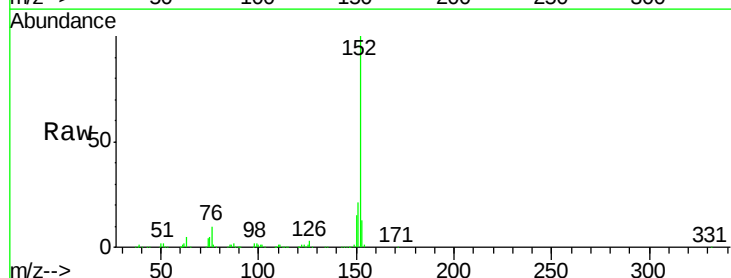
Tgt Ion: 152 Resp: 618595

Ion Ratio Lower Upper

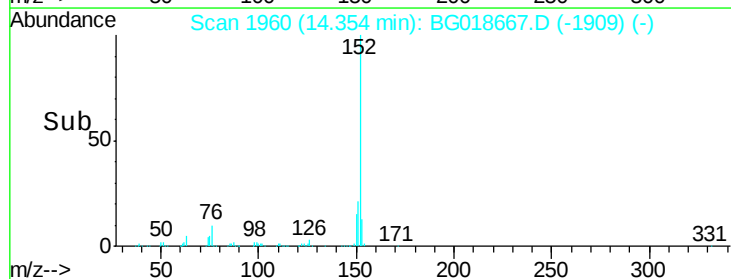
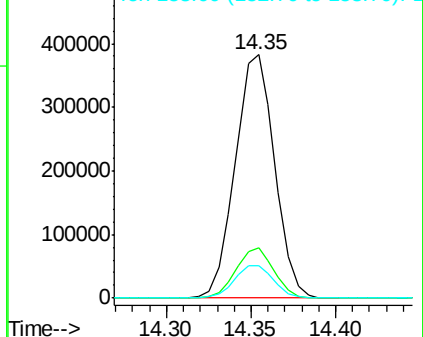
152 100

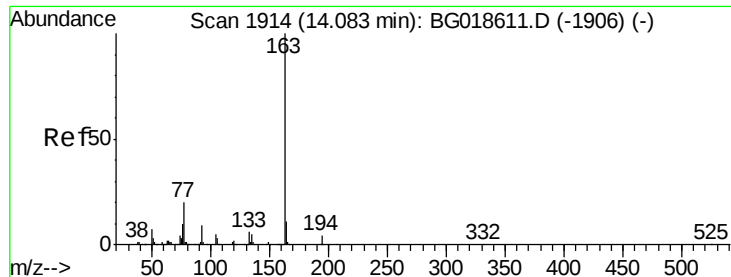
151 20.5 17.0 25.4

153 13.3 10.4 15.6



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





#49

Dimethylphthalate

Concen: 39.71 ng

RT: 14.08 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BG018667.D

Acq: 14 Sep 2015 18:21

Instrument :

BNA_G

ClientSampleId :

PB85519BS

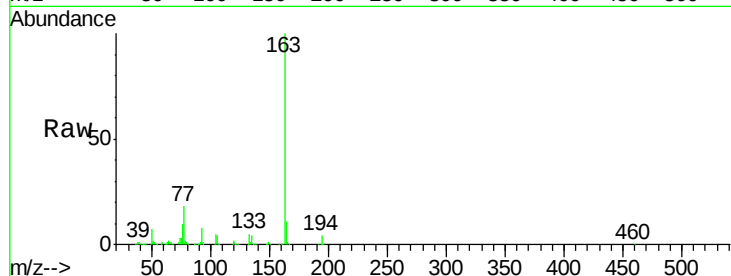
Tot Ion:163 Resp: 467524

Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

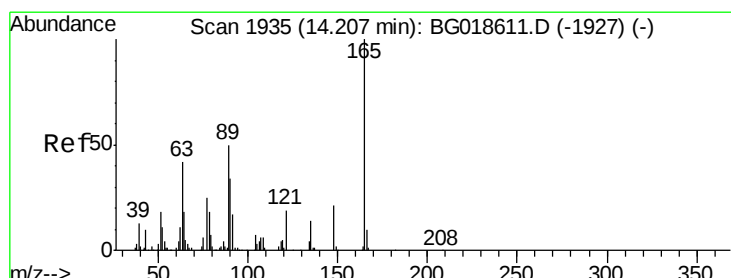
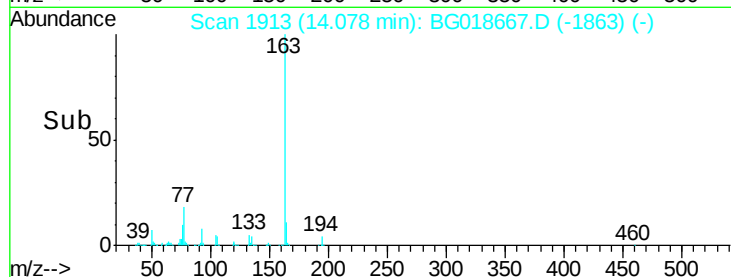
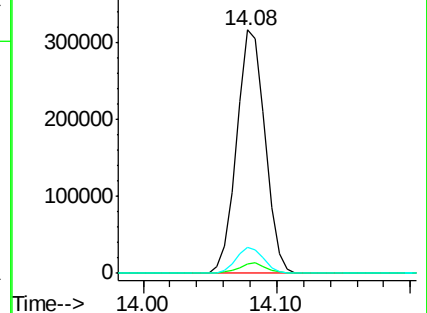
164 10.6 8.8 13.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 40.74 ng

RT: 14.20 min Scan# 1934

Delta R.T. 0.00 min

Lab File: BG018667.D

Acq: 14 Sep 2015 18:21

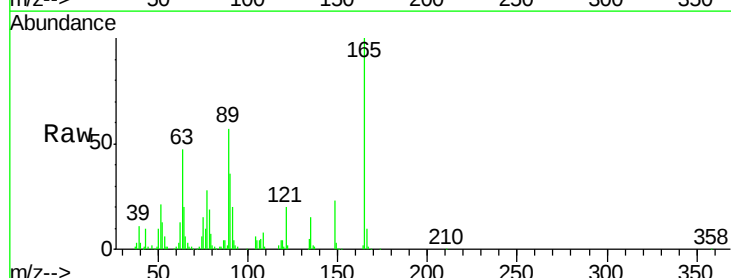
Tgt Ion:165 Resp: 104226

Ion Ratio Lower Upper

165 100

63 47.1 35.7 53.5

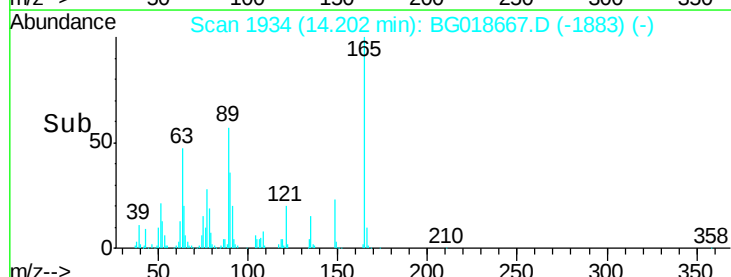
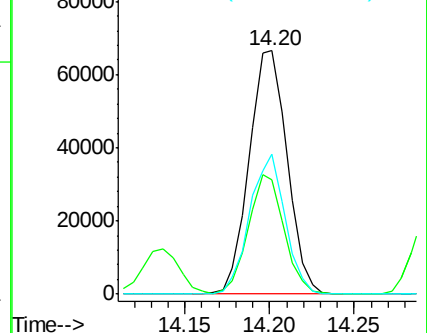
89 57.3 39.7 59.5

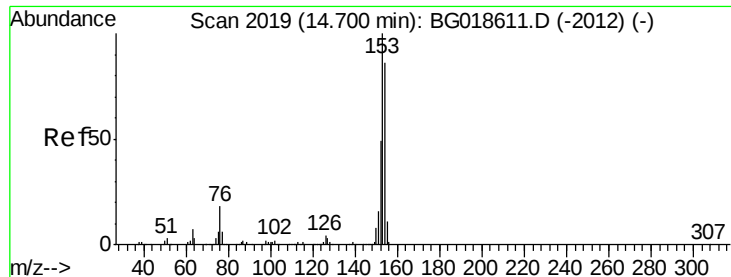


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 41.24 ng

RT: 14.70 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BG018667.D

Acq: 14 Sep 2015 18:21

Instrument :

BNA_G

ClientSampleId :

PB85519BS

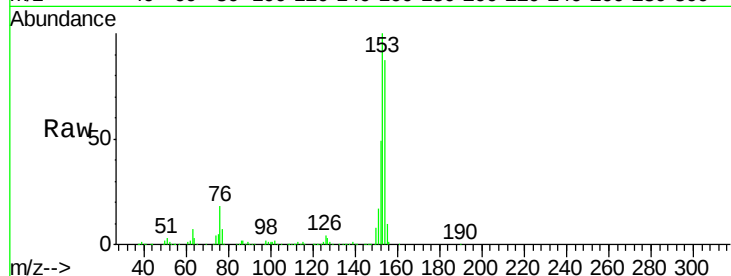
Tot Ion:154 Resp: 369450

Ion Ratio Lower Upper

154 100

153 114.9 92.9 139.3

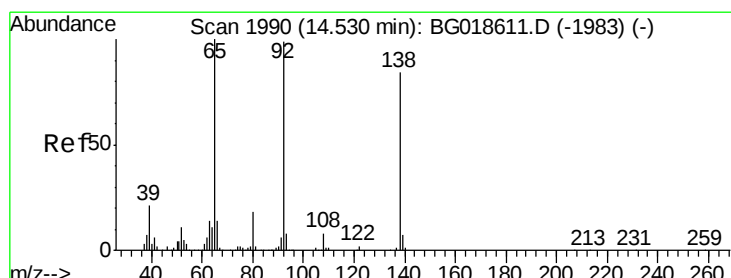
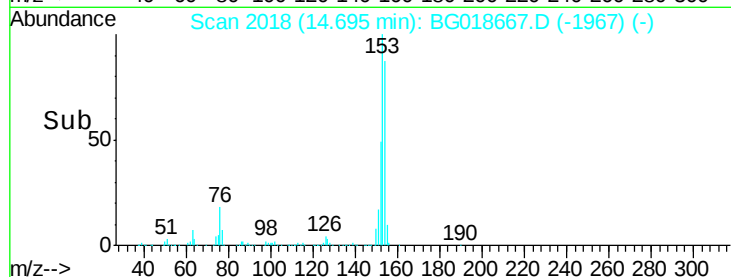
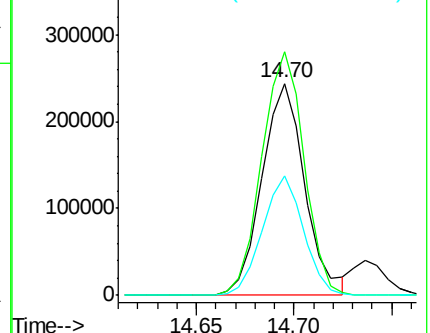
152 56.7 45.8 68.8



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: 22.70 ng

RT: 14.53 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BG018667.D

Acq: 14 Sep 2015 18:21

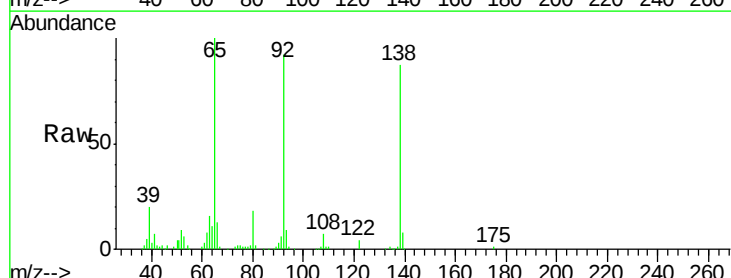
Tgt Ion:138 Resp: 69381

Ion Ratio Lower Upper

138 100

108 8.1 7.9 11.9

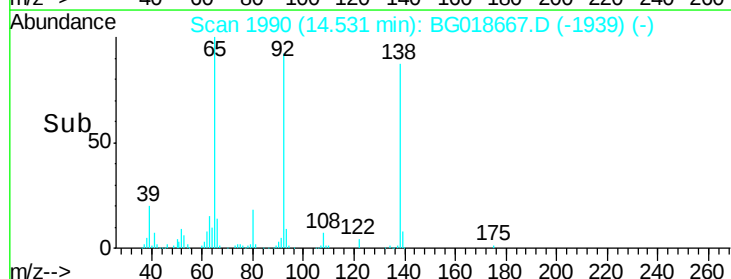
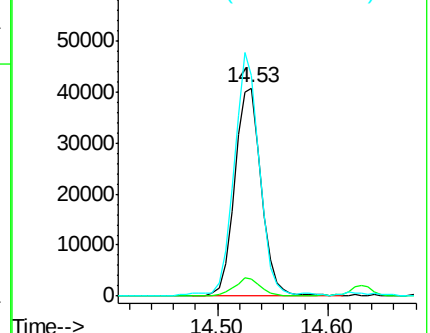
92 105.7 94.2 141.4

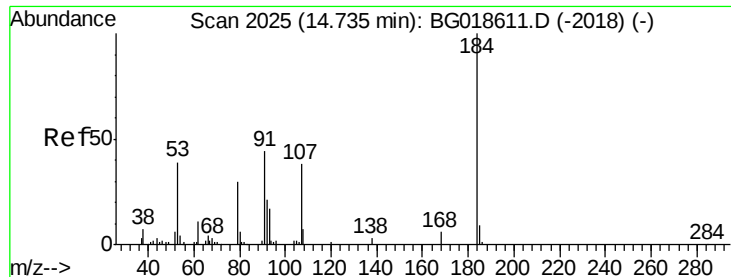


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

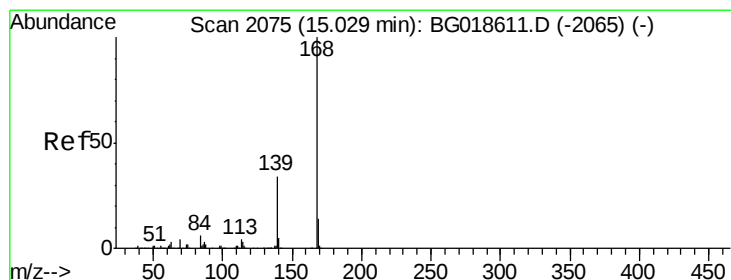
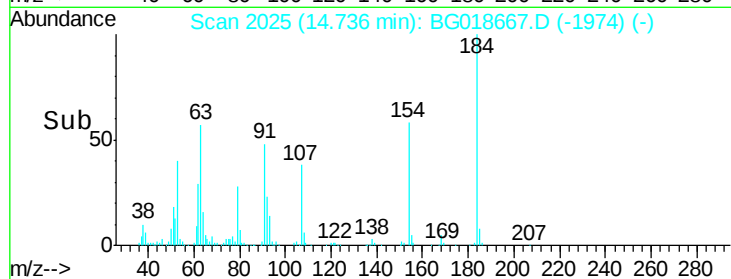
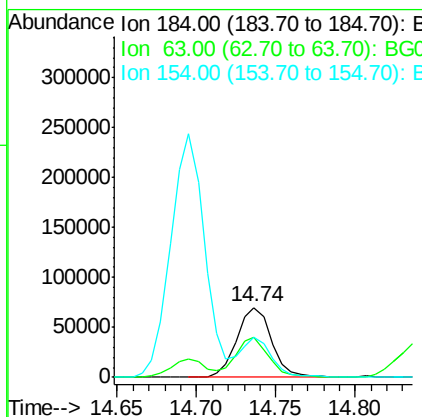
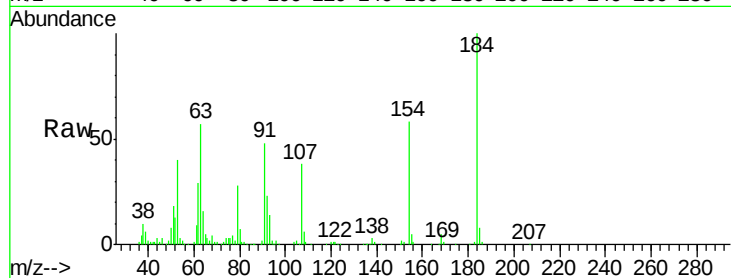




#53
2,4-Dinitrophenol
Concen: 82.13 ng
RT: 14.74 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BG018667.D
Acq: 14 Sep 2015 18:21

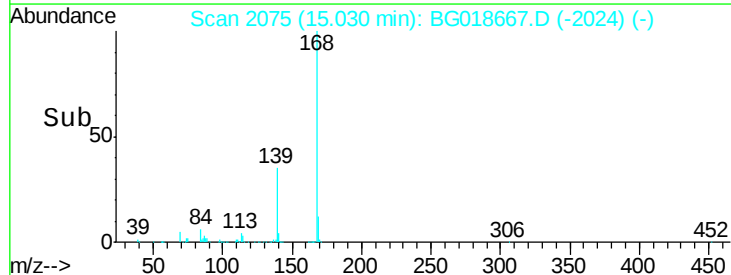
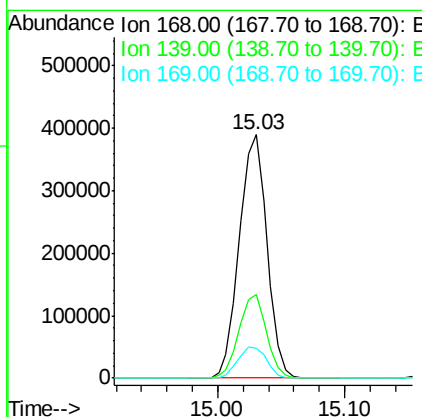
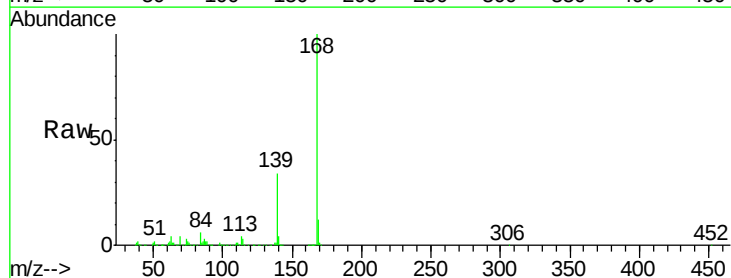
Instrument :
BNA_G
ClientSampleId :
PB85519BS

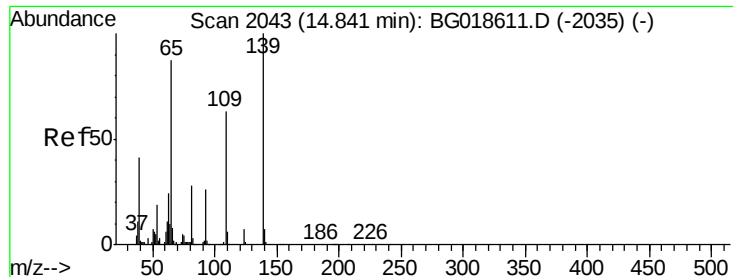
Tot Ion:184 Resp: 106615
Ion Ratio Lower Upper
184 100
63 57.0 42.7 64.1
154 57.6 44.3 66.5



#54
Dibenzofuran
Concen: 42.25 ng
RT: 15.03 min Scan# 2075
Delta R.T. 0.00 min
Lab File: BG018667.D
Acq: 14 Sep 2015 18:21

Tgt Ion:168 Resp: 588291
Ion Ratio Lower Upper
168 100
139 34.4 27.4 41.0
169 12.3 11.0 16.4

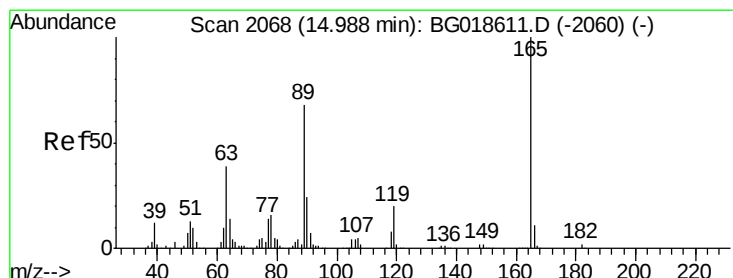
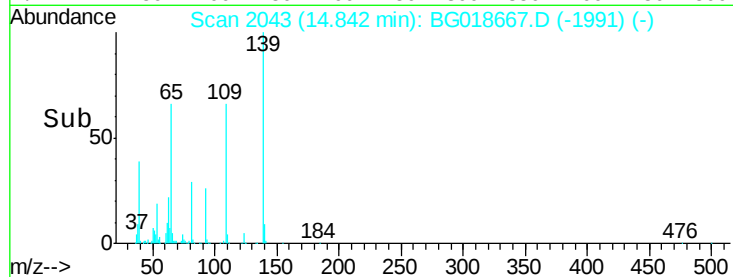
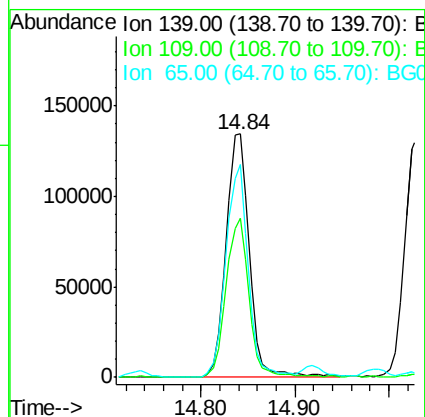
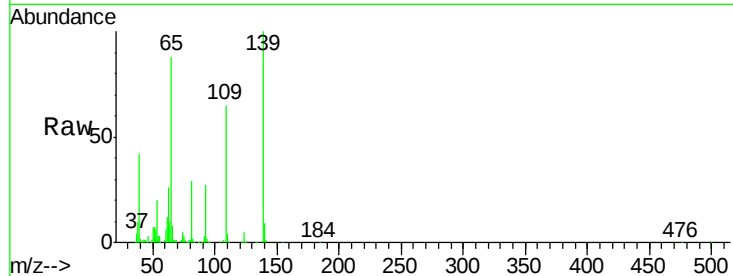




#55
4-Nitrophenol
Concen: 98.75 ng
RT: 14.84 min Scan# 2043
Delta R.T. 0.01 min
Lab File: BG018667.D
Acq: 14 Sep 2015 18:21

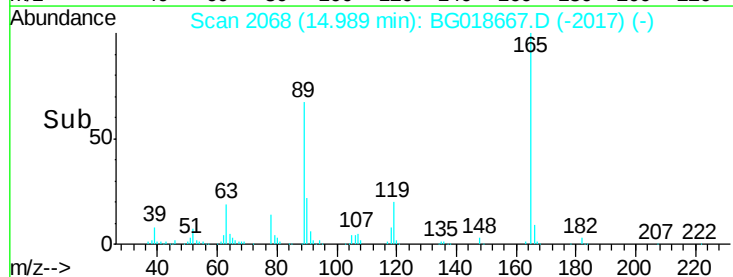
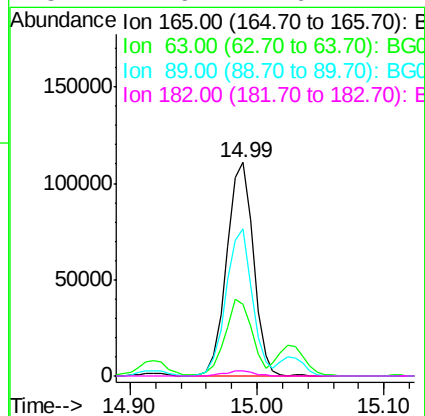
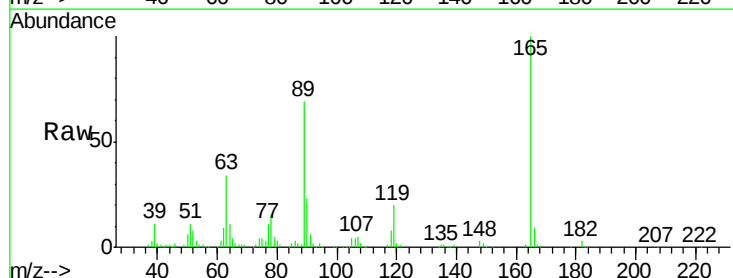
Instrument :
BNA_G
ClientSampleId :
PB85519BS

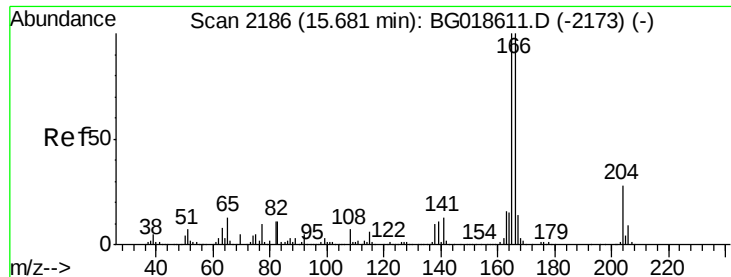
Tot Ion:139 Resp: 233038
Ion Ratio Lower Upper
139 100
109 65.5 43.2 83.2
65 87.7 67.8 107.8



#56
2,4-Dinitrotoluene
Concen: 44.36 ng
RT: 14.99 min Scan# 2068
Delta R.T. 0.00 min
Lab File: BG018667.D
Acq: 14 Sep 2015 18:21

Tgt Ion:165 Resp: 160941
Ion Ratio Lower Upper
165 100
63 33.6 31.0 46.4
89 69.2 54.4 81.6
182 2.6 1.6 2.4#





#57

Fluorene

Concen: 40.99 ng

RT: 15.68 min Scan# 2185

Delta R.T. 0.00 min

Lab File: BG018667.D

Acq: 14 Sep 2015 18:21

Instrument :

BNA_G

ClientSampleId :

PB85519BS

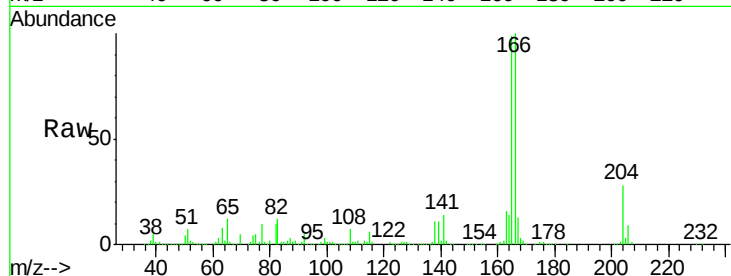
Tot Ion:166 Resp: 491301

Ion Ratio Lower Upper

166 100

165 99.1 80.0 120.0

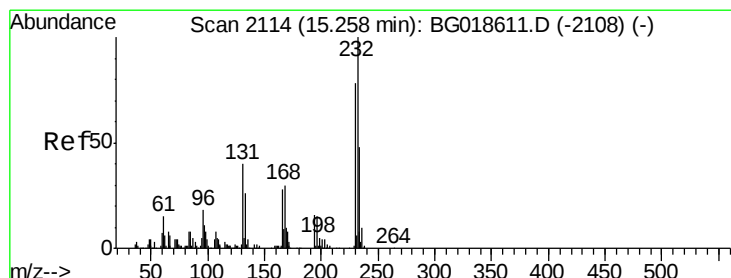
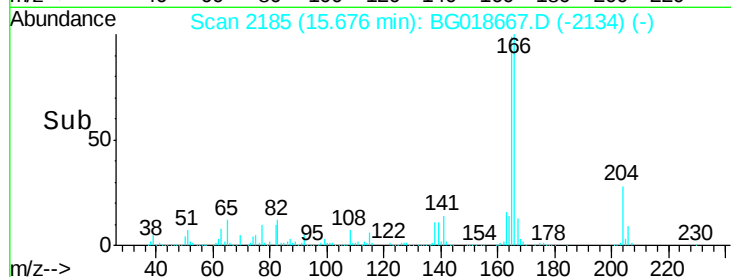
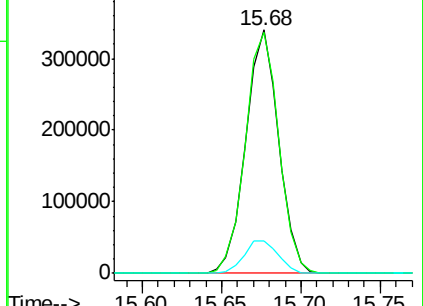
167 13.1 11.1 16.7



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.28 ng

RT: 15.25 min Scan# 2113

Delta R.T. 0.00 min

Lab File: BG018667.D

Acq: 14 Sep 2015 18:21

Tgt Ion:232 Resp: 142271

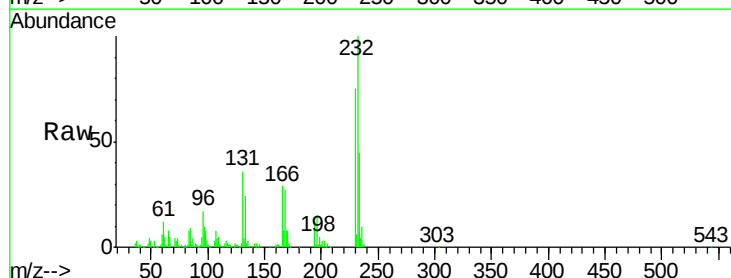
Ion Ratio Lower Upper

232 100

131 39.3 33.0 49.6

130 2.0 2.0 3.0#

166 28.5 24.1 36.1

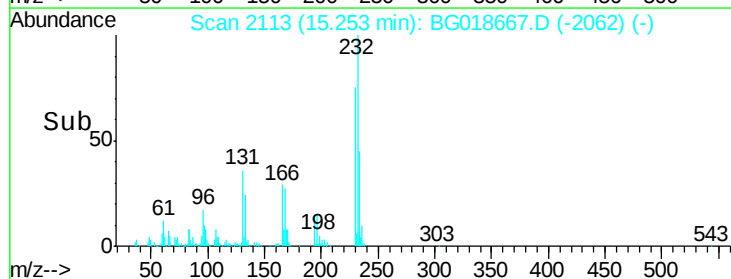
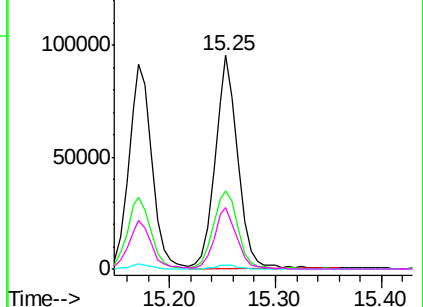


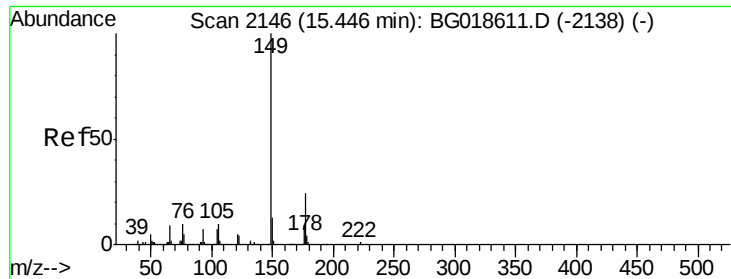
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

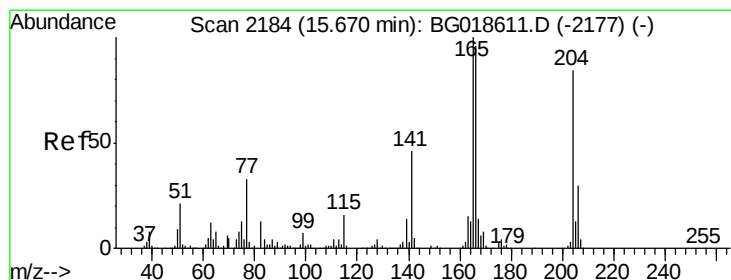
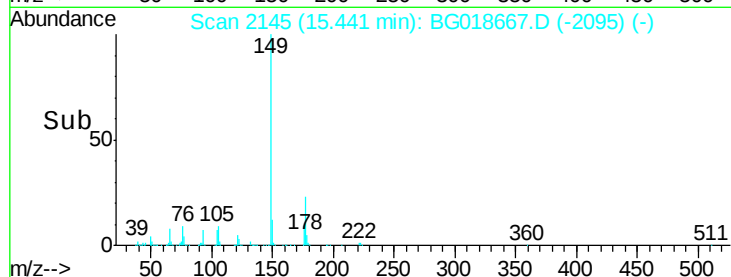
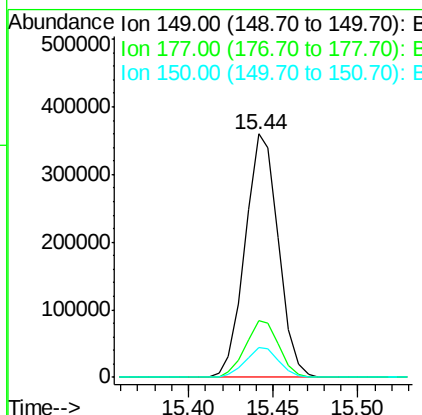
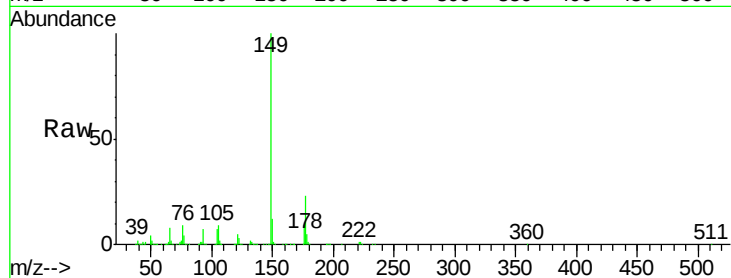




#59
Diethylphthalate
Concen: 40.09 ng
RT: 15.44 min Scan# 2145
Delta R.T. -0.01 min
Lab File: BG018667.D
Acq: 14 Sep 2015 18:21

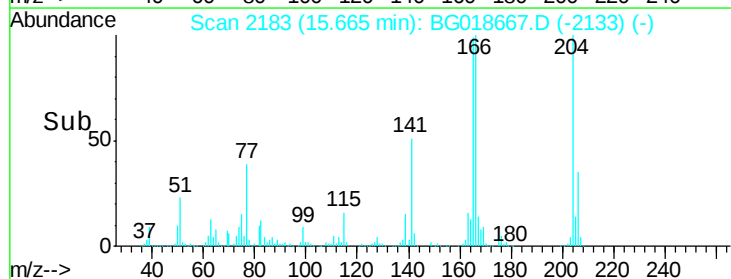
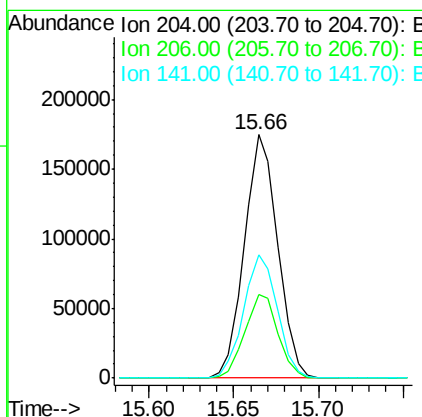
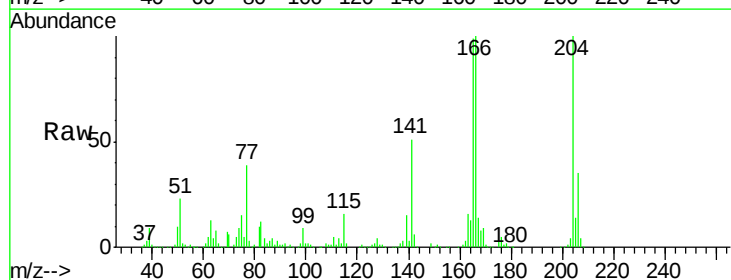
Instrument :
BNA_G
ClientSampleId :
PB85519BS

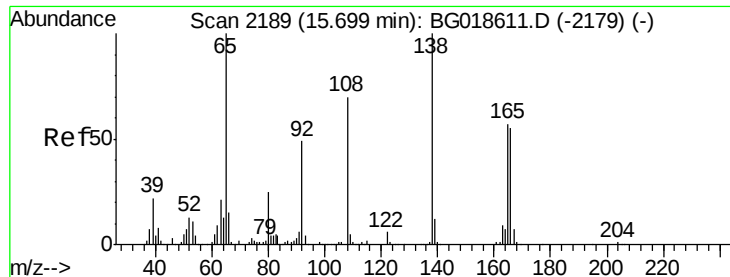
Tot Ion	Ratio	Lower	Upper
149	100		
177	23.2	19.6	29.4
150	12.4	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 41.73 ng
RT: 15.66 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BG018667.D
Acq: 14 Sep 2015 18:21

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.6	28.3	42.5
141	50.8	44.0	66.0

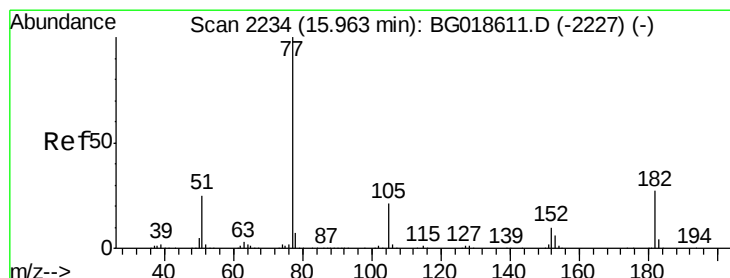
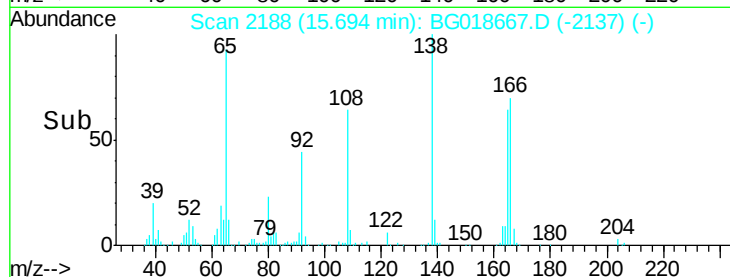
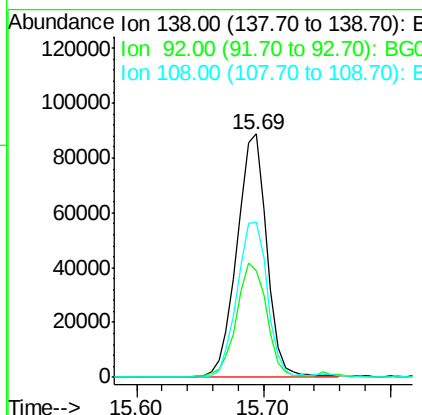
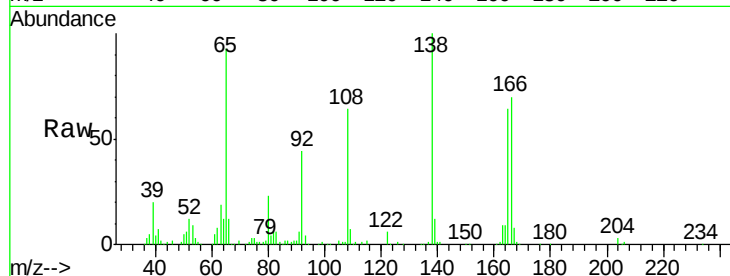




#61
4-Nitroaniline
Concen: 43.96 ng
RT: 15.69 min Scan# 2188
Delta R.T. 0.00 min
Lab File: BG018667.D
Acq: 14 Sep 2015 18:21

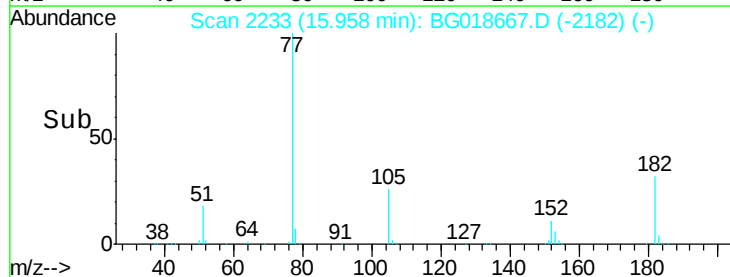
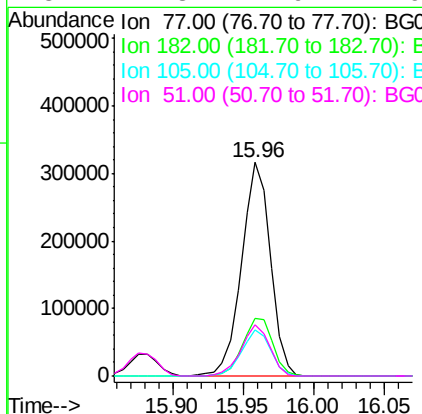
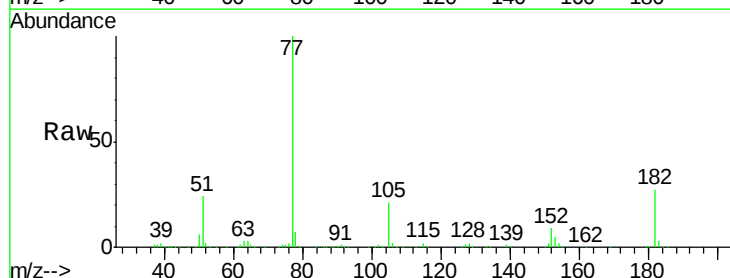
Instrument :
BNA_G
ClientSampleId :
PB85519BS

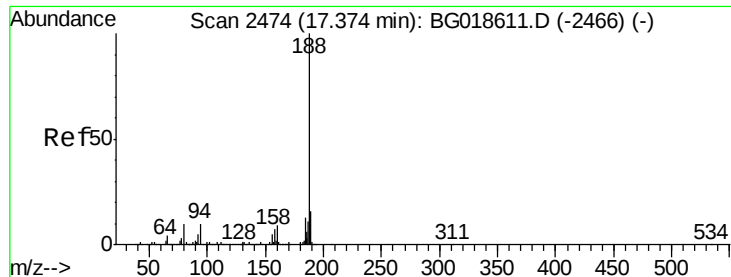
Tot Ion:138 Resp: 144897
Ion Ratio Lower Upper
138 100
92 43.7 29.1 69.1
108 63.9 49.8 89.8



#62
Azobenzene
Concen: 41.65 ng
RT: 15.96 min Scan# 2233
Delta R.T. 0.00 min
Lab File: BG018667.D
Acq: 14 Sep 2015 18:21

Tgt Ion: 77 Resp: 452039
Ion Ratio Lower Upper
77 100
182 27.0 7.0 47.0
105 21.4 1.4 41.4
51 24.3 4.9 44.9

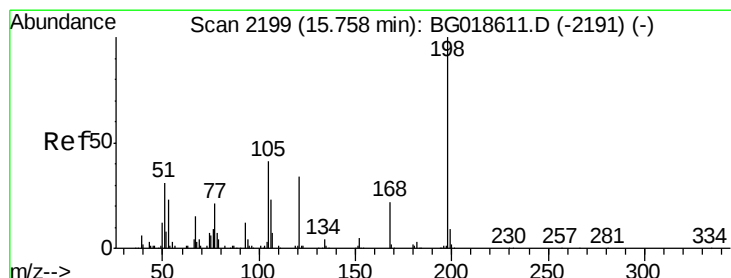
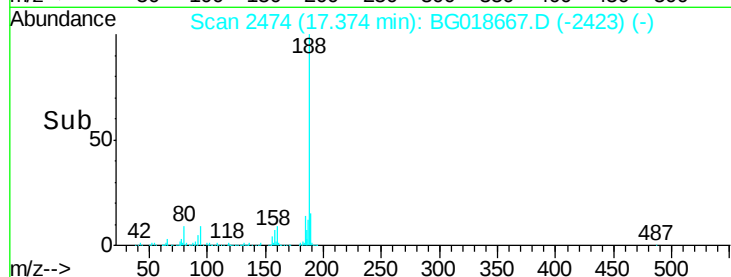
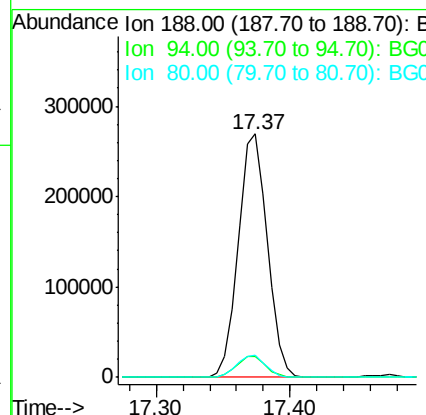
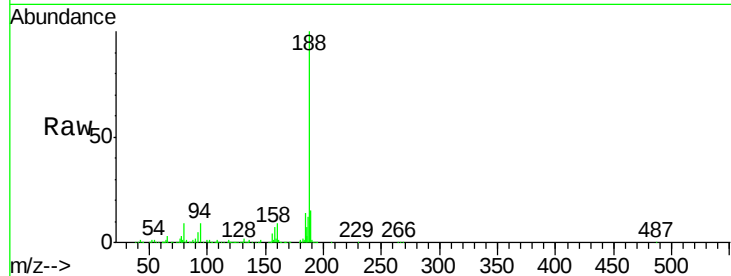




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.37 min Scan# 2474
Delta R.T. 0.00 min
Lab File: BG018667.D
Acq: 14 Sep 2015 18:21

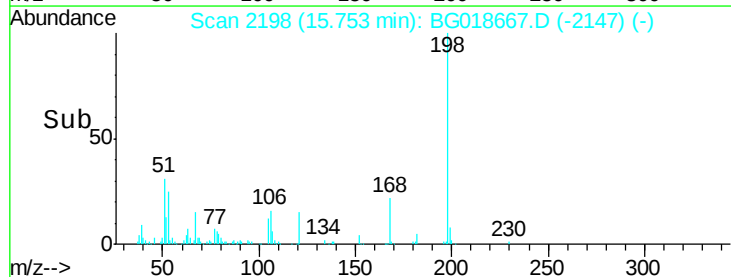
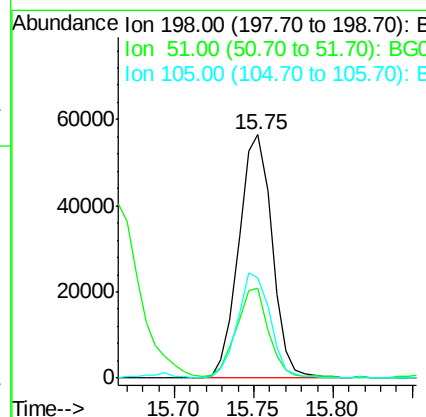
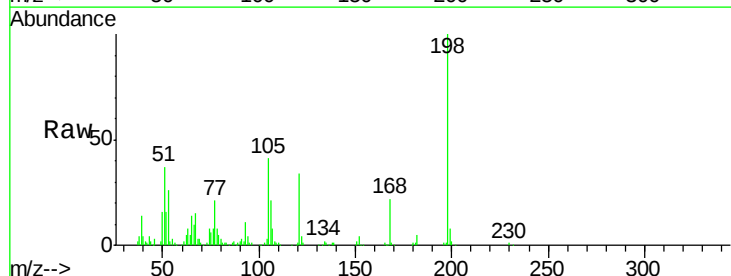
Instrument :
BNA_G
ClientSampleId :
PB85519BS

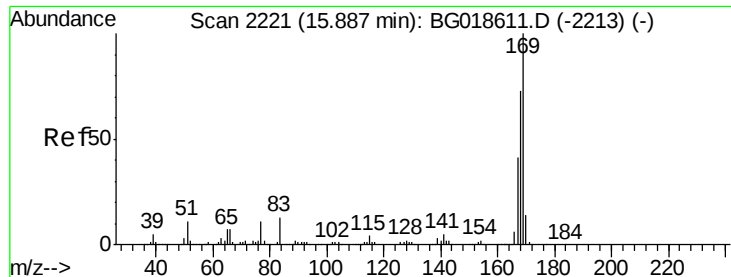
Tot Ion	188	Resp	406820
Ion Ratio	100	Lower	Upper
94	8.7	7.7	11.5
80	9.2	7.8	11.8



#64
4,6-Dinitro-2-methylphenol
Concen: 38.85 ng
RT: 15.75 min Scan# 2198
Delta R.T. 0.00 min
Lab File: BG018667.D
Acq: 14 Sep 2015 18:21

Tgt Ion	198	Resp	82635
Ion Ratio	100	Lower	Upper
51	37.0	14.2	54.2
105	41.1	21.1	61.1





#65

n-Nitrosodiphenylamine

Concen: 37.43 ng

RT: 15.88 min Scan# 2220

Delta R.T. 0.00 min

Lab File: BG018667.D

Acq: 14 Sep 2015 18:21

Instrument :

BNA_G

ClientSampleId :

PB85519BS

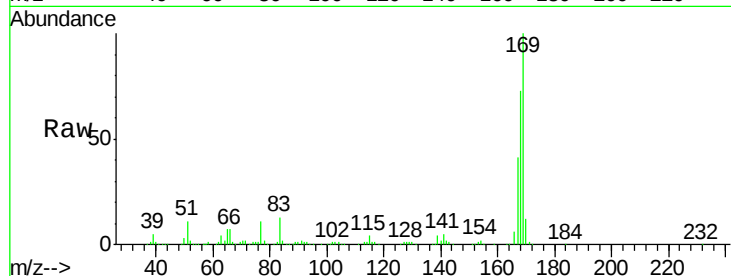
Tot Ion:169 Resp: 441011

Ion Ratio Lower Upper

169 100

168 73.1 58.2 87.2

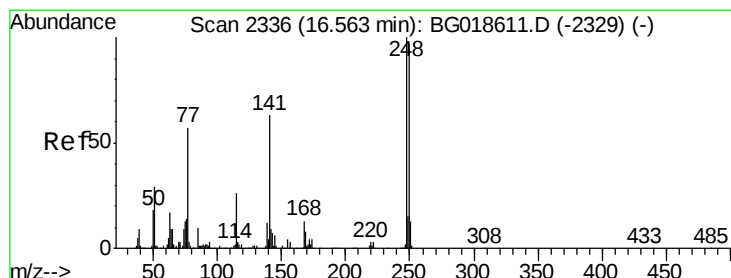
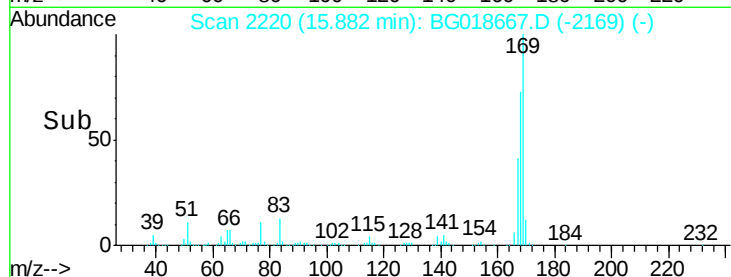
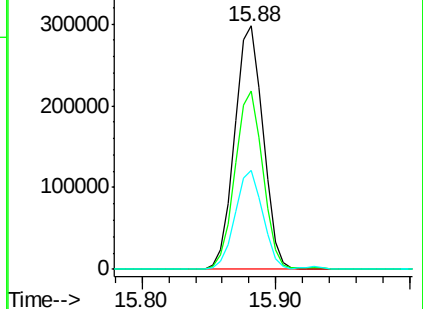
167 40.5 32.7 49.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.74 ng

RT: 16.56 min Scan# 2335

Delta R.T. -0.01 min

Lab File: BG018667.D

Acq: 14 Sep 2015 18:21

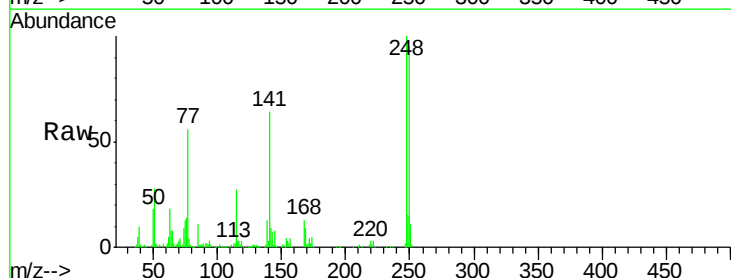
Tgt Ion:248 Resp: 160277

Ion Ratio Lower Upper

248 100

250 95.0 77.8 116.8

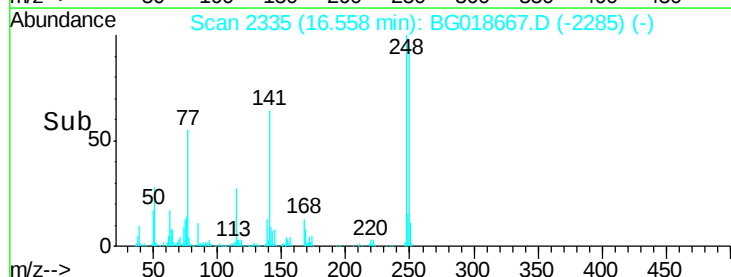
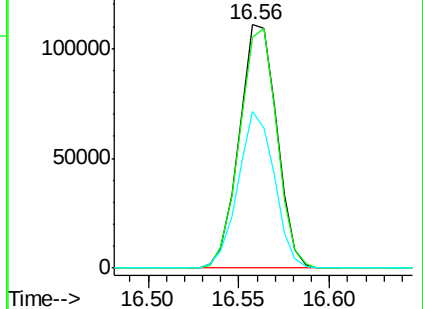
141 64.5 50.4 75.6

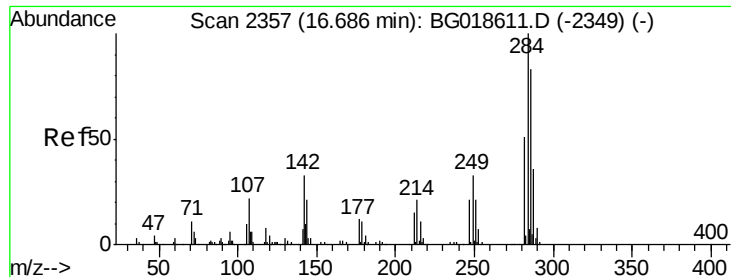


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

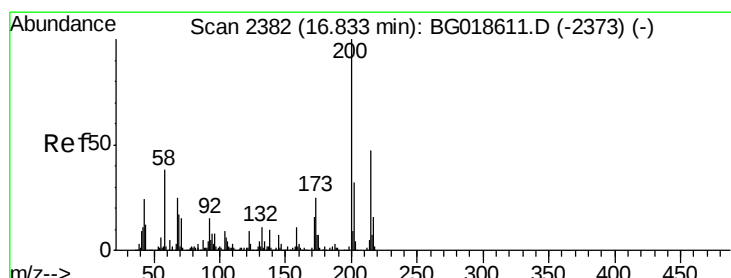
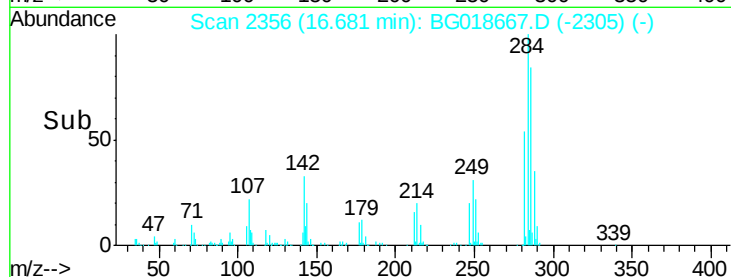
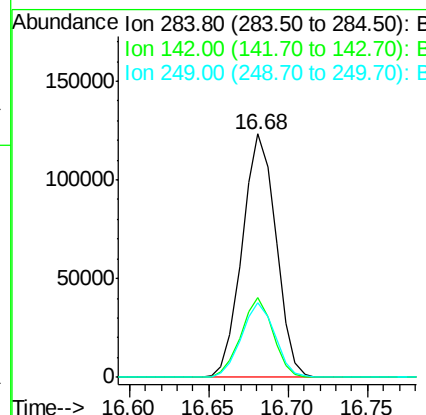
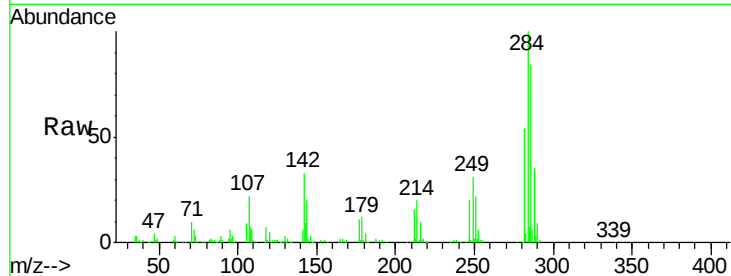




#67
Hexachlorobenzene
Concen: 40.46 ng
RT: 16.68 min Scan# 2356
Delta R.T. 0.00 min
Lab File: BG018667.D
Acq: 14 Sep 2015 18:21

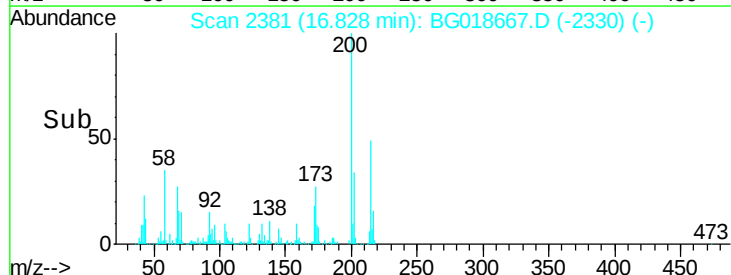
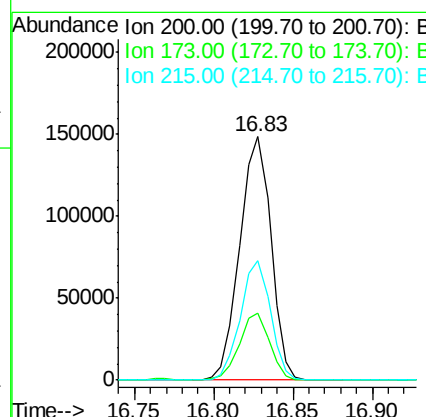
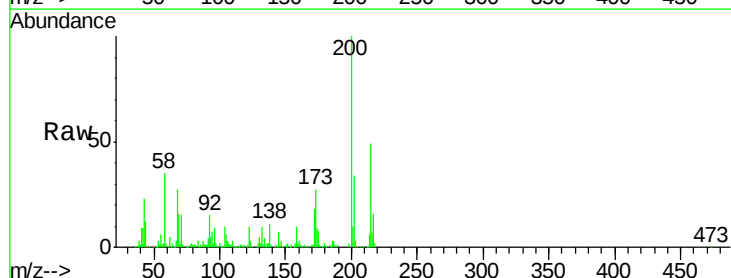
Instrument :
BNA_G
ClientSampleId :
PB85519BS

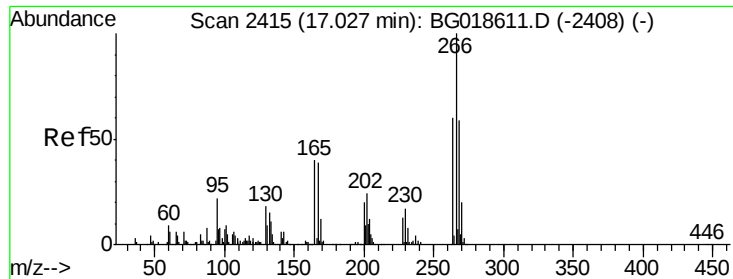
Tot Ion	Ratio	Lower	Upper
284	100		
142	32.8	26.6	39.8
249	30.7	26.2	39.2



#68
Atrazine
Concen: 43.38 ng
RT: 16.83 min Scan# 2381
Delta R.T. 0.00 min
Lab File: BG018667.D
Acq: 14 Sep 2015 18:21

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.3	5.2	45.2
215	49.2	27.0	67.0

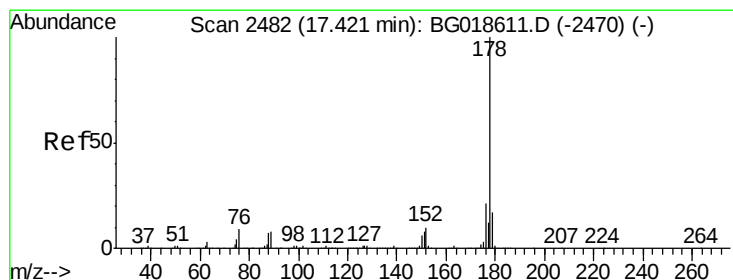
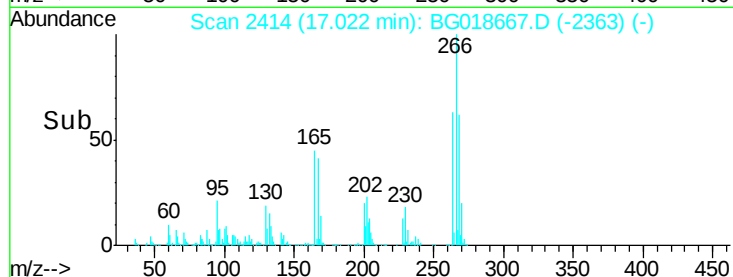
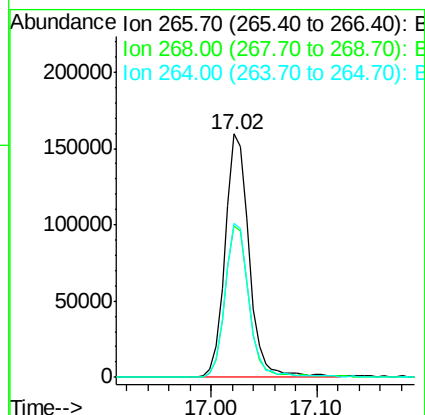
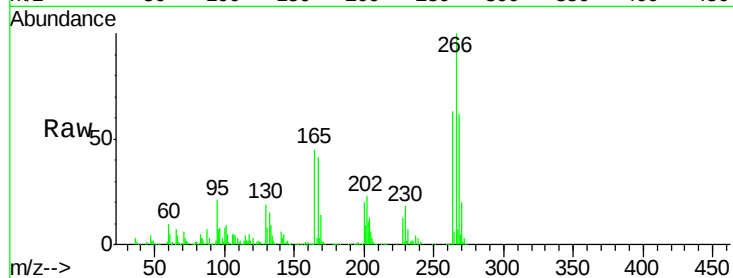




#69
 Pentachlorophenol
 Concen: 90.68 ng
 RT: 17.02 min Scan# 2414
 Delta R.T. 0.00 min
 Lab File: BG018667.D
 Acq: 14 Sep 2015 18:21

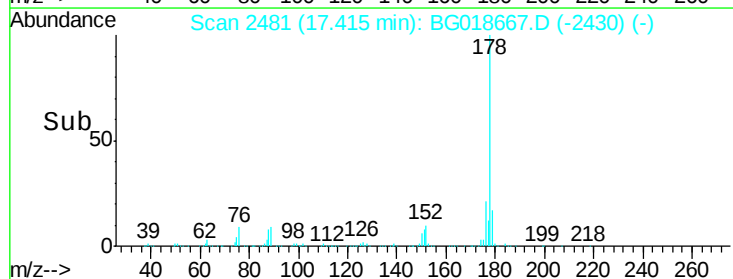
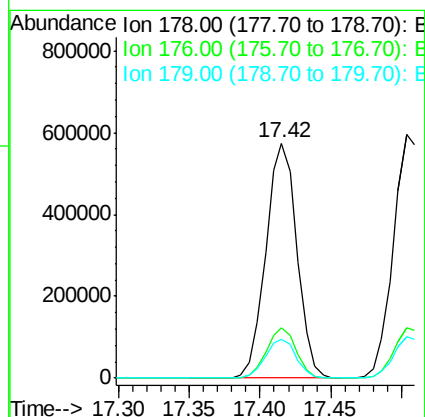
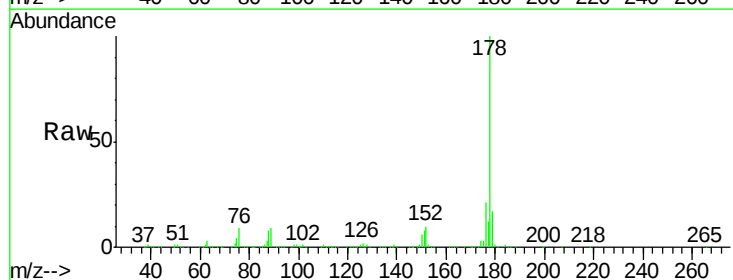
Instrument :
 BNA_G
 ClientSampleId :
 PB85519BS

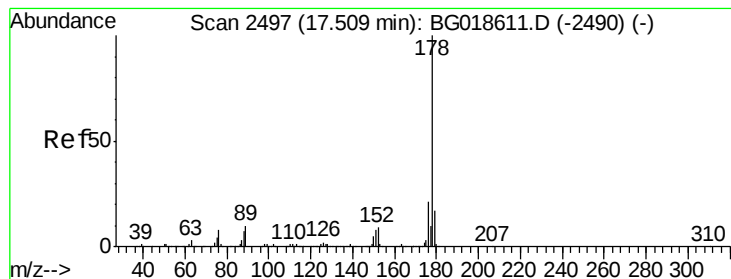
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.4	47.6	71.4
264	63.4	48.1	72.1



#70
 Phenanthrene
 Concen: 41.41 ng
 RT: 17.42 min Scan# 2481
 Delta R.T. 0.00 min
 Lab File: BG018667.D
 Acq: 14 Sep 2015 18:21

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.2	16.7	25.1
179	16.7	13.9	20.9





#71

Anthracene

Concen: 42.28 ng

RT: 17.50 min Scan# 2496

Delta R.T. -0.01 min

Lab File: BG018667.D

Acq: 14 Sep 2015 18:21

Instrument :

BNA_G

ClientSampleId :

PB85519BS

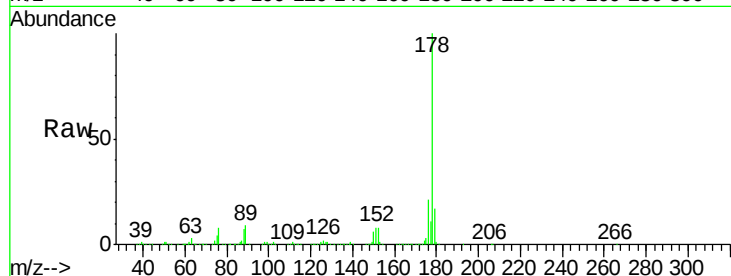
Tot Ion:178 Resp: 916151

Ion Ratio Lower Upper

178 100

176 20.7 16.8 25.2

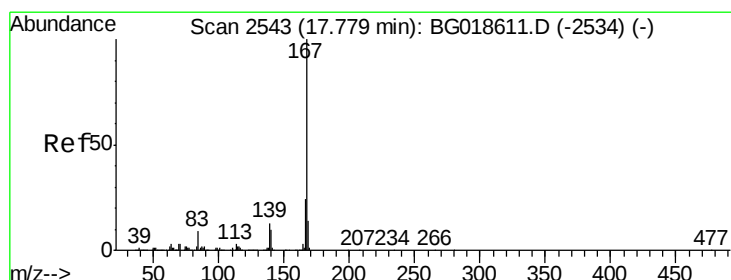
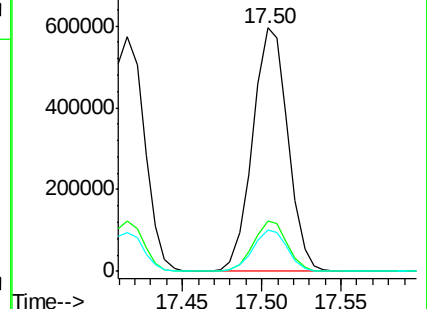
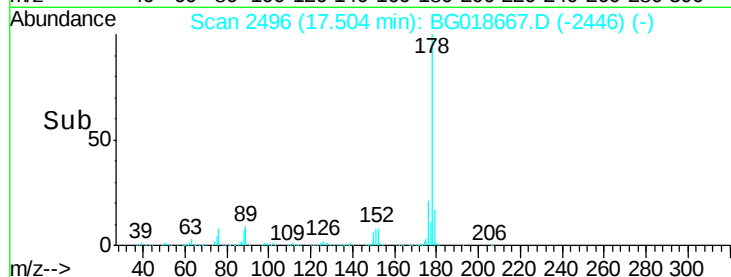
179 17.1 13.9 20.9



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 44.87 ng

RT: 17.77 min Scan# 2542

Delta R.T. 0.00 min

Lab File: BG018667.D

Acq: 14 Sep 2015 18:21

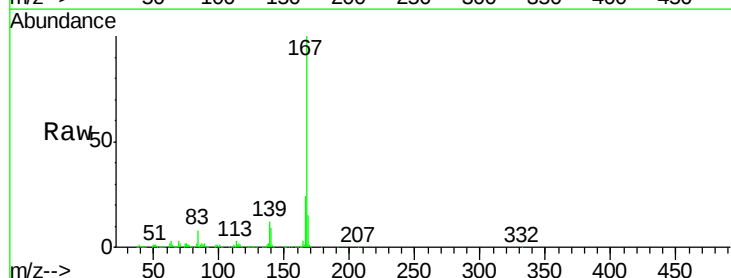
Tgt Ion:167 Resp: 940944

Ion Ratio Lower Upper

167 100

166 23.9 19.0 28.6

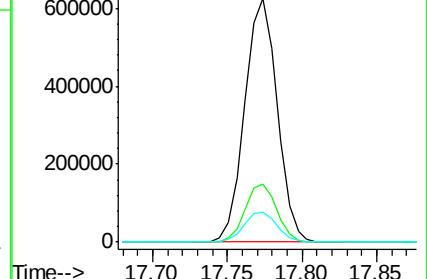
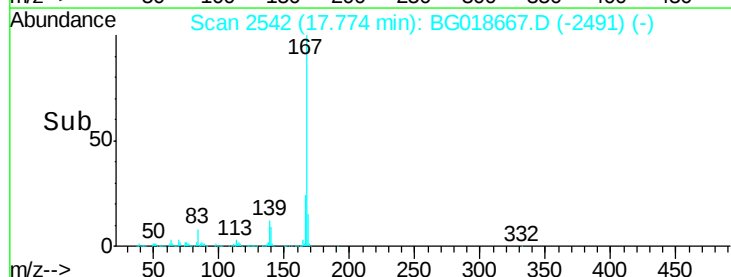
139 12.2 10.2 15.4

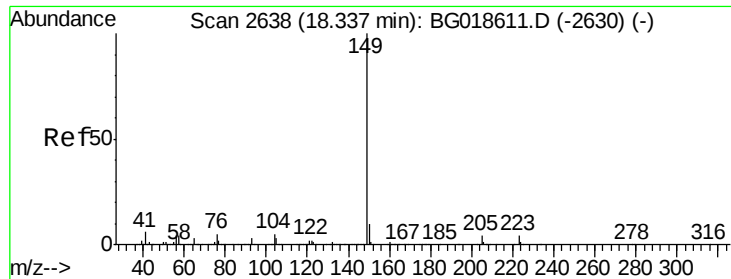


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

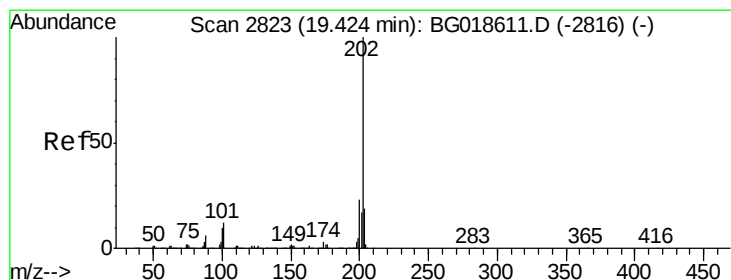
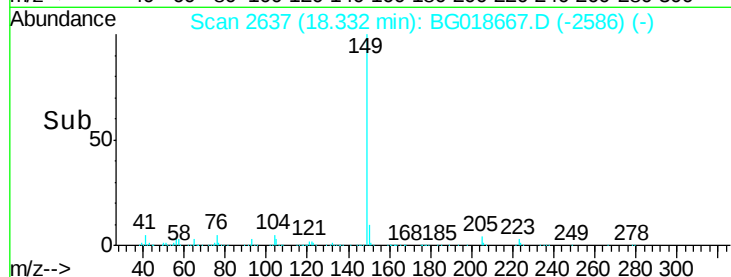
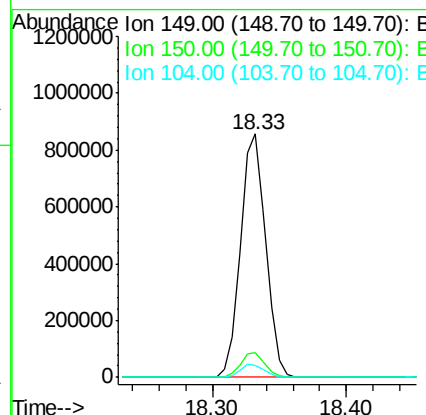
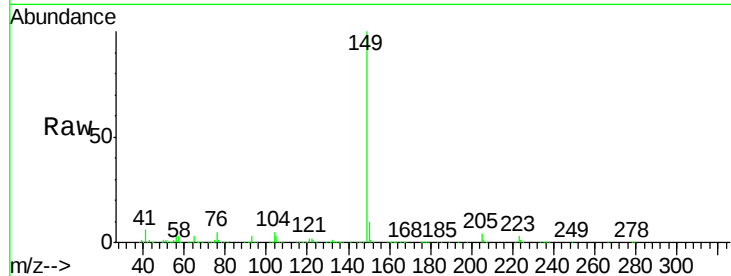




#73
Di-n-butylphthalate
Concen: 45.07 ng
RT: 18.33 min Scan# 2637
Delta R.T. 0.00 min
Lab File: BG018667.D
Acq: 14 Sep 2015 18:21

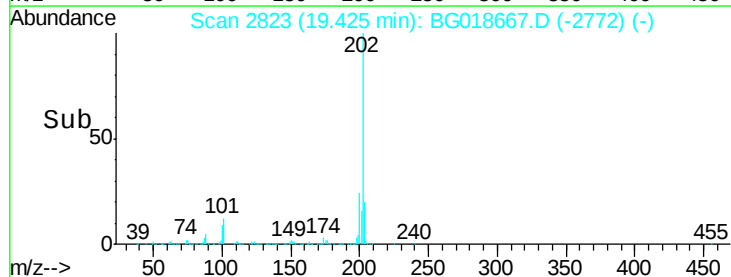
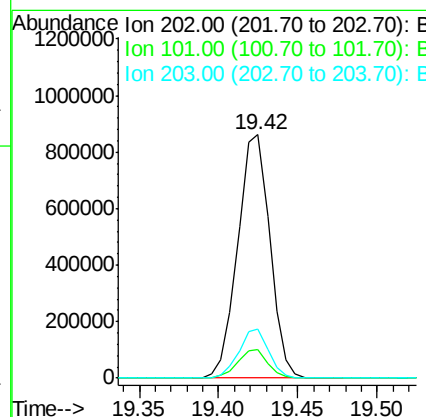
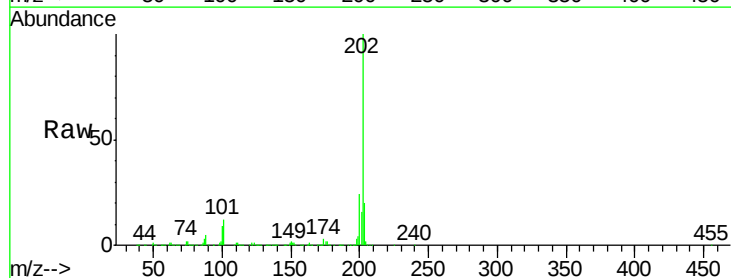
Instrument :
BNA_G
ClientSampleId :
PB85519BS

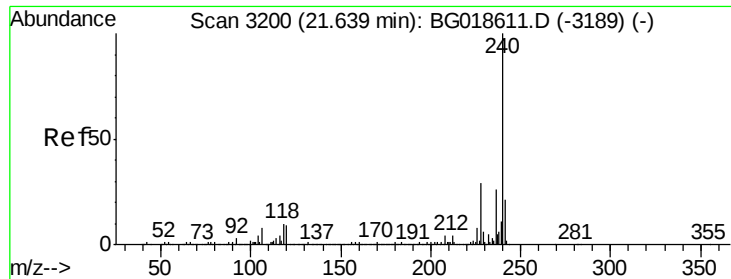
Tot Ion:149 Resp: 1114783
Ion Ratio Lower Upper
149 100
150 10.0 8.2 12.4
104 5.1 4.4 6.6



#74
Fluoranthene
Concen: 45.88 ng
RT: 19.42 min Scan# 2823
Delta R.T. 0.00 min
Lab File: BG018667.D
Acq: 14 Sep 2015 18:21

Tgt Ion:202 Resp: 1215979
Ion Ratio Lower Upper
202 100
101 11.6 0.0 32.4
203 19.9 0.0 39.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.63 min Scan# 3199

Delta R.T. 0.00 min

Lab File: BG018667.D

Acq: 14 Sep 2015 18:21

Instrument :

BNA_G

ClientSampleId :

PB85519BS

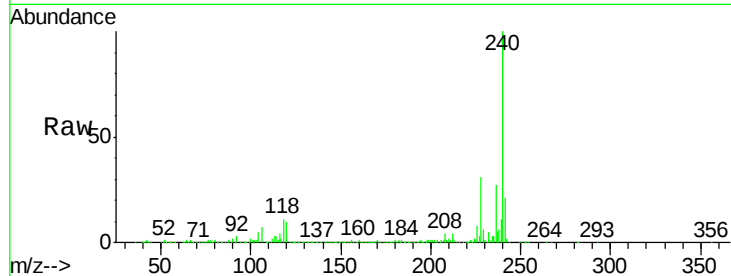
Tot Ion:240 Resp: 493470

Ion Ratio Lower Upper

240 100

120 9.8 7.4 11.0

236 27.5 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

21.63

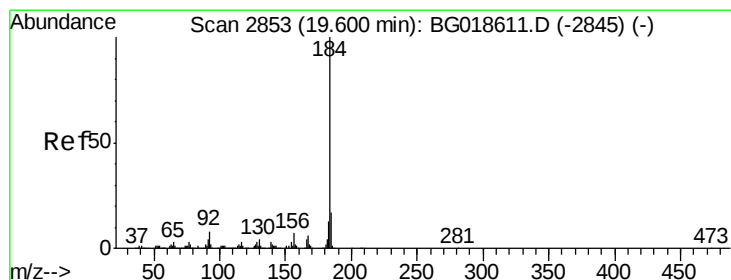
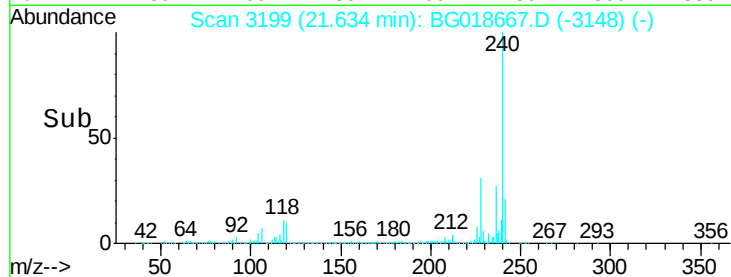
300000

200000

100000

0

Time-->



#76

Benzidine

Concen: 28.53 ng

RT: 19.60 min Scan# 2853

Delta R.T. 0.00 min

Lab File: BG018667.D

Acq: 14 Sep 2015 18:21

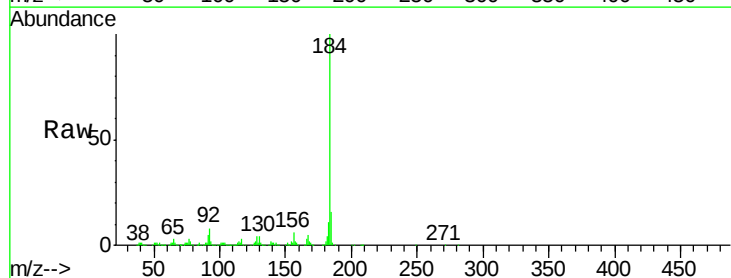
Tgt Ion:184 Resp: 422803

Ion Ratio Lower Upper

184 100

185 16.0 13.4 20.2

183 11.5 10.1 15.1



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

19.60

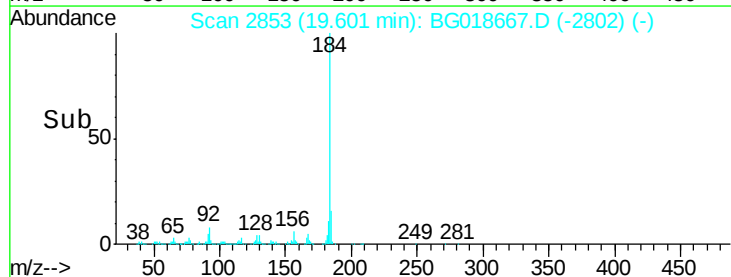
300000

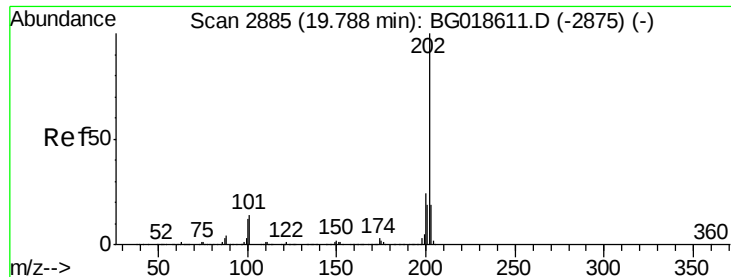
200000

100000

0

Time-->

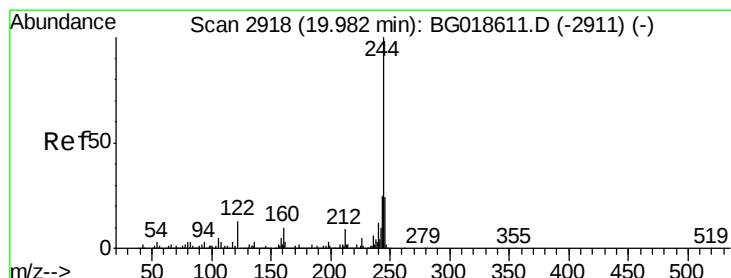
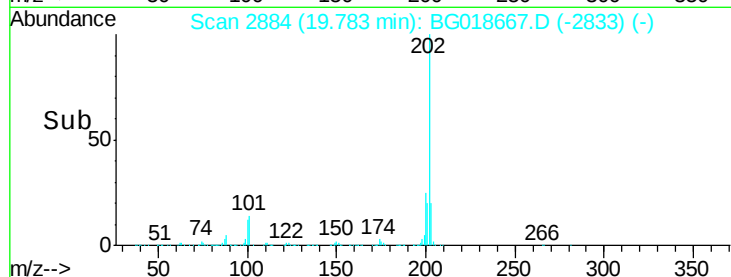
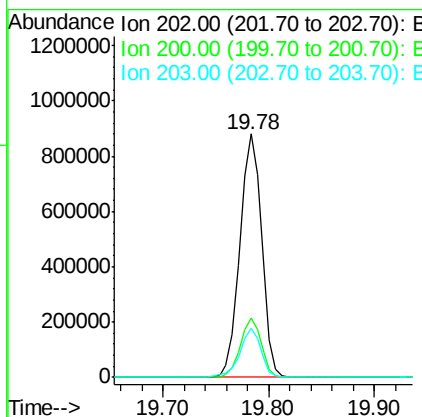
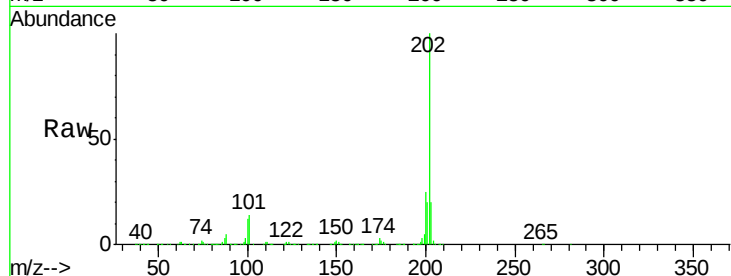




#77
Pvrene
Concen: 41.26 ng
RT: 19.78 min Scan# 2884
Delta R.T. 0.00 min
Lab File: BG018667.D
Acq: 14 Sep 2015 18:21

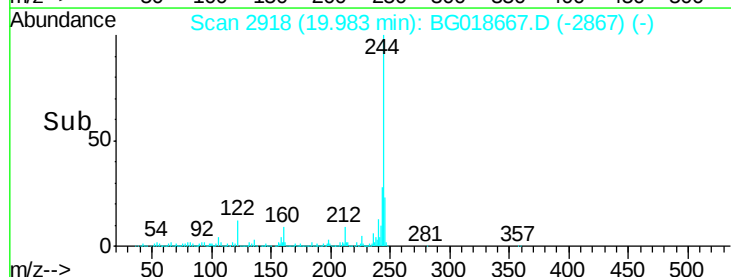
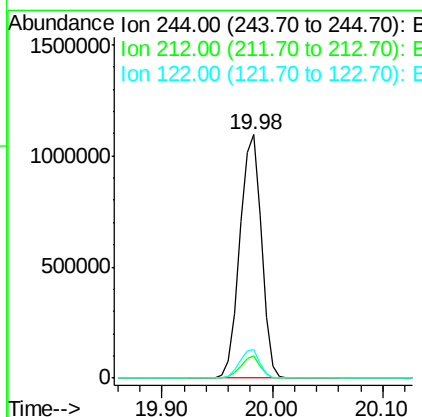
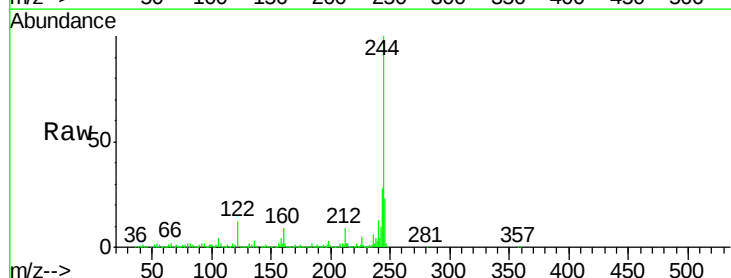
Instrument :
BNA_G
ClientSampleId :
PB85519BS

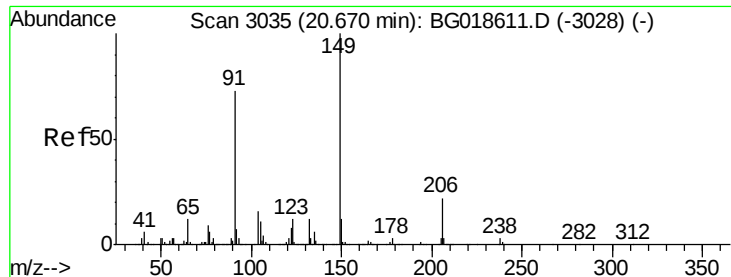
Tot Ion:202 Resp: 1251203
Ion Ratio Lower Upper
202 100
200 24.6 19.4 29.0
203 20.4 15.5 23.3



#78
Terphenyl-d14
Concen: 80.37 ng
RT: 19.98 min Scan# 2918
Delta R.T. 0.00 min
Lab File: BG018667.D
Acq: 14 Sep 2015 18:21

Tgt Ion:244 Resp: 1510210
Ion Ratio Lower Upper
244 100
212 8.9 6.9 10.3
122 11.5 10.2 15.2

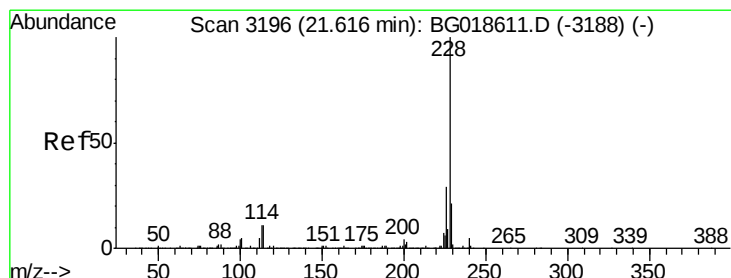
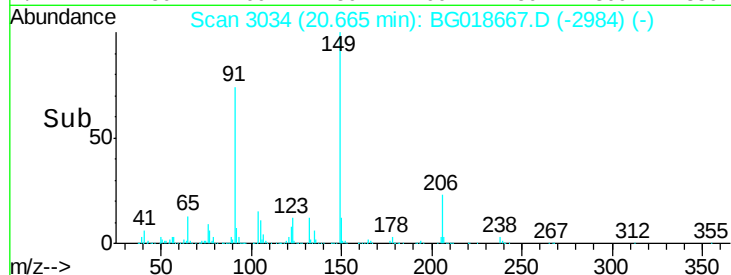
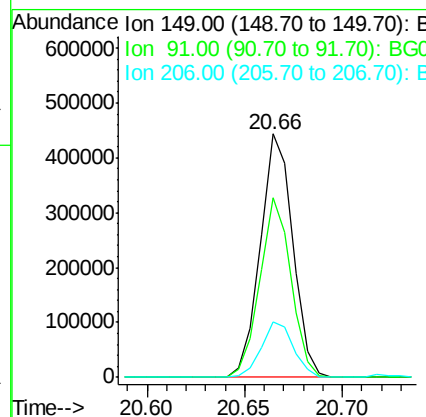
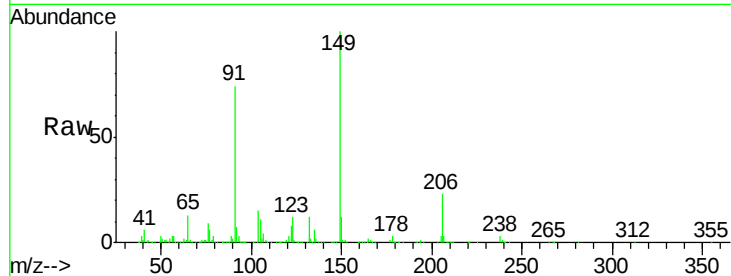




#79
Butylbenzylphthalate
Concen: 41.40 ng
RT: 20.66 min Scan# 3034
Delta R.T. -0.01 min
Lab File: BG018667.D
Acq: 14 Sep 2015 18:21

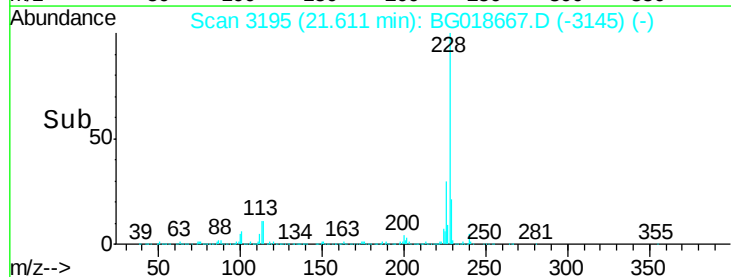
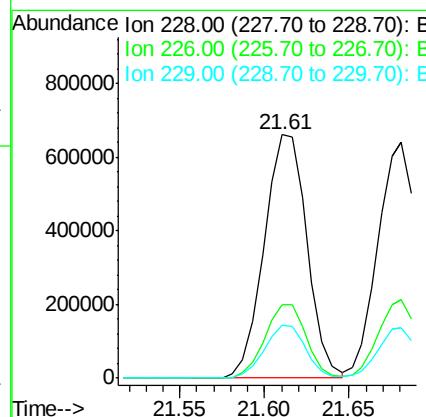
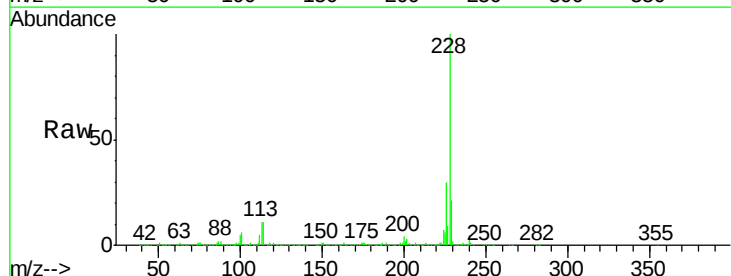
Instrument :
BNA_G
ClientSampleId :
PB85519BS

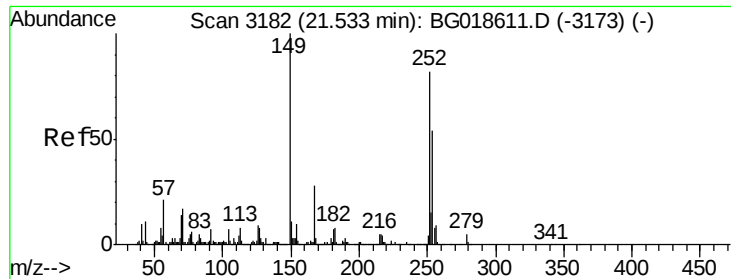
Tot Ion:149 Resp: 510452
Ion Ratio Lower Upper
149 100
91 74.0 58.1 87.1
206 22.7 17.8 26.8



#80
Benzo(a)anthracene
Concen: 40.91 ng
RT: 21.61 min Scan# 3195
Delta R.T. -0.01 min
Lab File: BG018667.D
Acq: 14 Sep 2015 18:21

Tgt Ion:228 Resp: 1162187
Ion Ratio Lower Upper
228 100
226 29.9 23.4 35.0
229 21.5 16.6 25.0

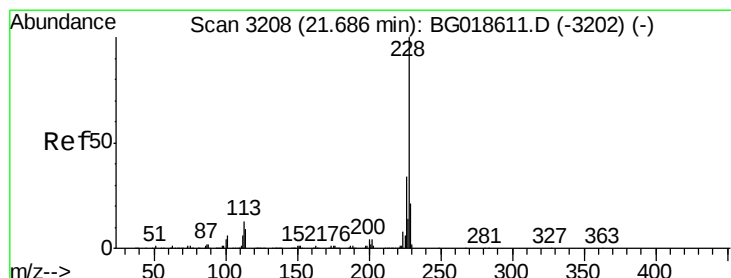
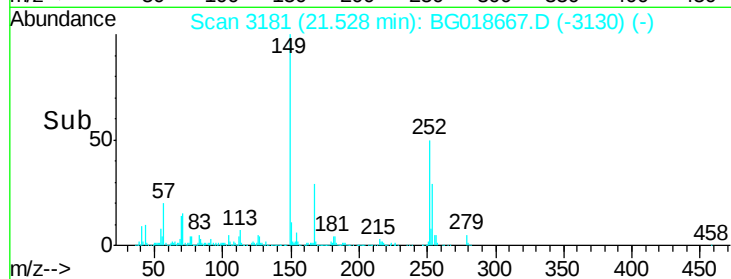
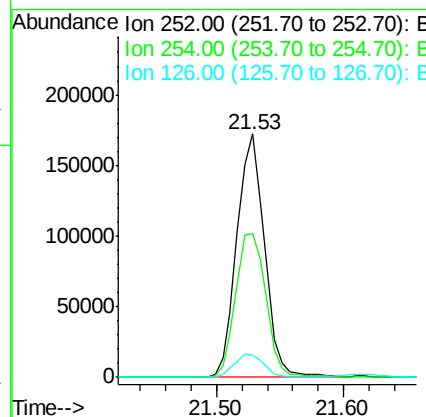
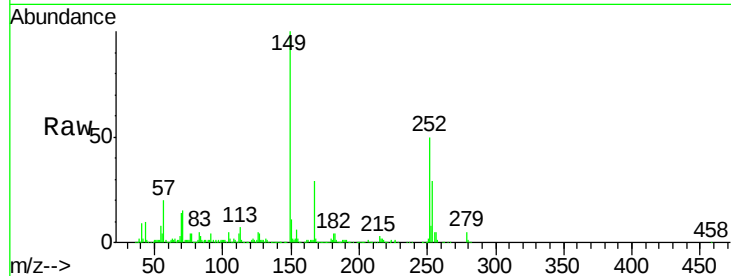




#81
 3,3'-Dichlorobenzidine
 Concen: 24.02 ng
 RT: 21.53 min Scan# 3181
 Delta R.T. 0.00 min
 Lab File: BG018667.D
 Acq: 14 Sep 2015 18:21

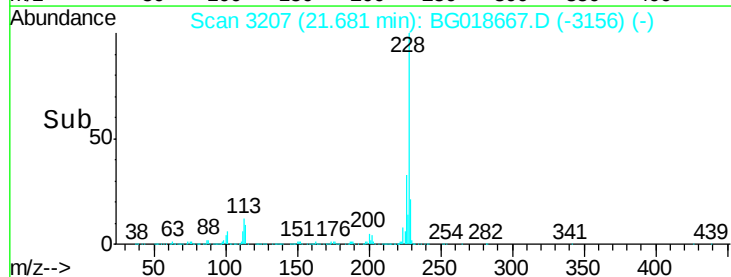
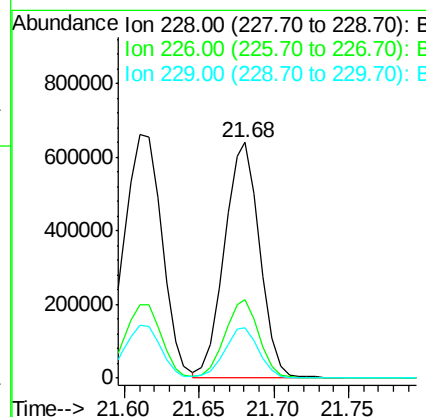
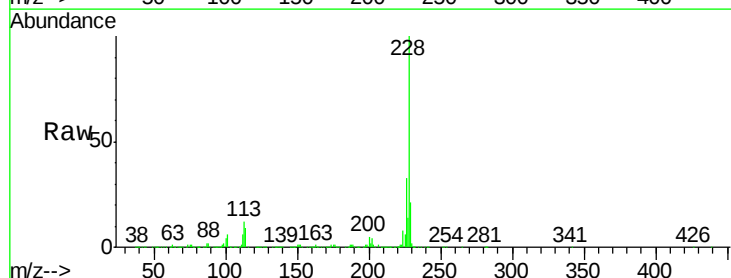
Instrument :
 BNA_G
 ClientSampleId :
 PB85519BS

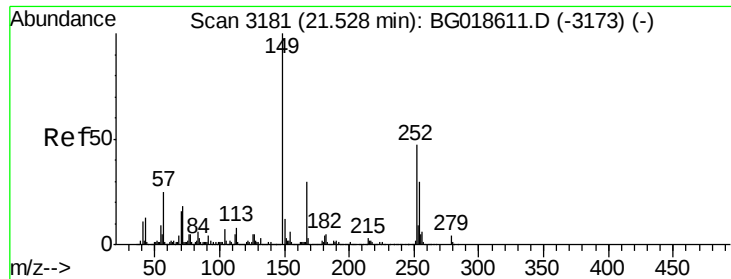
Tot Ion:252 Resp: 259239
 Ion Ratio Lower Upper
 252 100
 254 59.1 52.5 78.7
 126 9.4 8.5 12.7



#82
 Chrysene
 Concen: 39.32 ng
 RT: 21.68 min Scan# 3207
 Delta R.T. 0.00 min
 Lab File: BG018667.D
 Acq: 14 Sep 2015 18:21

Tgt Ion:228 Resp: 1051999
 Ion Ratio Lower Upper
 228 100
 226 33.1 26.7 40.1
 229 21.5 17.0 25.6

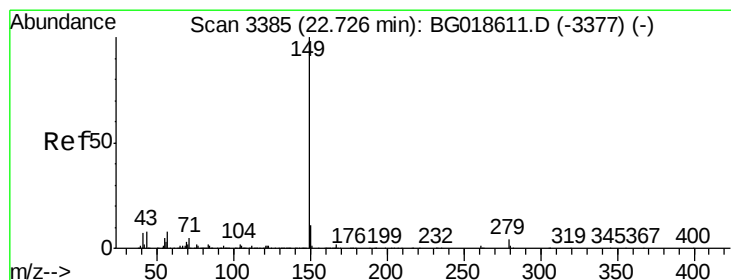
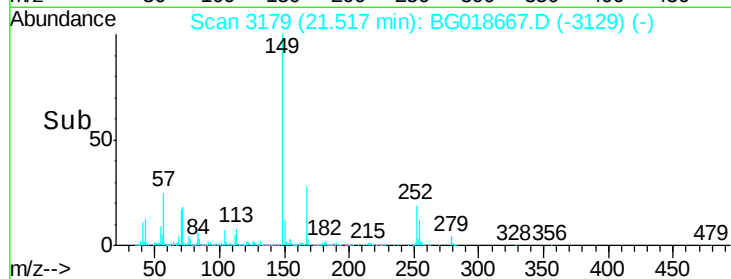
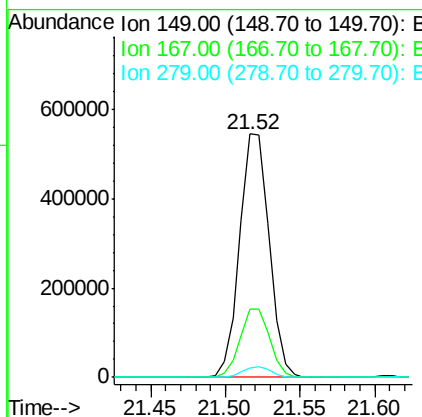
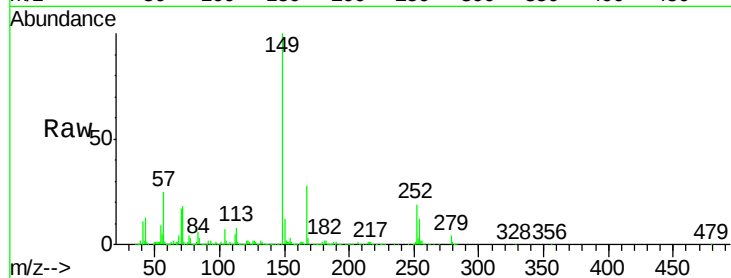




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.15 ng
 RT: 21.52 min Scan# 3179
 Delta R.T. -0.01 min
 Lab File: BG018667.D
 Acq: 14 Sep 2015 18:21

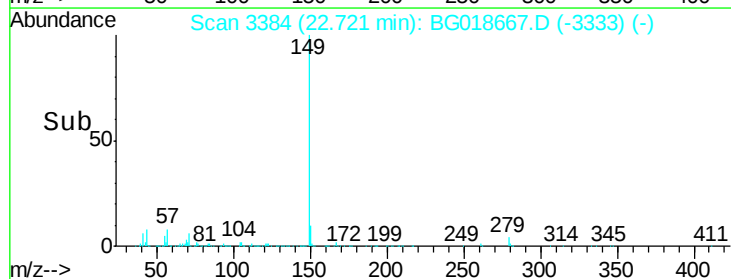
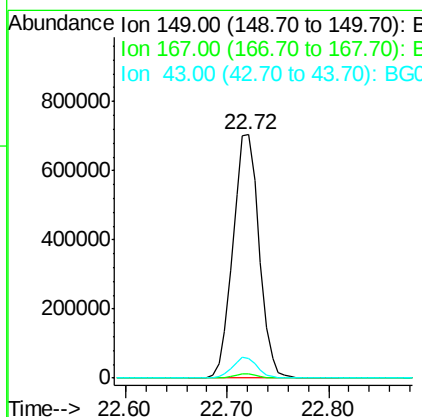
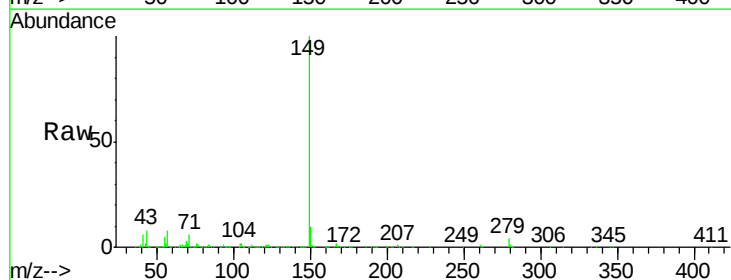
Instrument :
 BNA_G
 ClientSampleId :
 PB85519BS

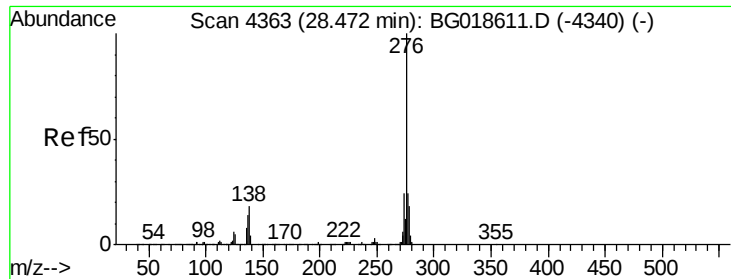
Tot Ion:149 Resp: 749711
 Ion Ratio Lower Upper
 149 100
 167 28.1 23.8 35.8
 279 3.8 3.4 5.2



#84
 Di-n-octyl phthalate
 Concen: 41.96 ng
 RT: 22.72 min Scan# 3384
 Delta R.T. 0.00 min
 Lab File: BG018667.D
 Acq: 14 Sep 2015 18:21

Tgt Ion:149 Resp: 1262261
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 7.9 5.9 8.9





#85

Indeno(1,2,3-cd)pyrene

Concen: 40.88 ng

RT: 28.45 min Scan# 4359

Delta R.T. -0.01 min

Lab File: BG018667.D

Acq: 14 Sep 2015 18:21

Instrument :

BNA_G

ClientSampleId :

PB85519BS

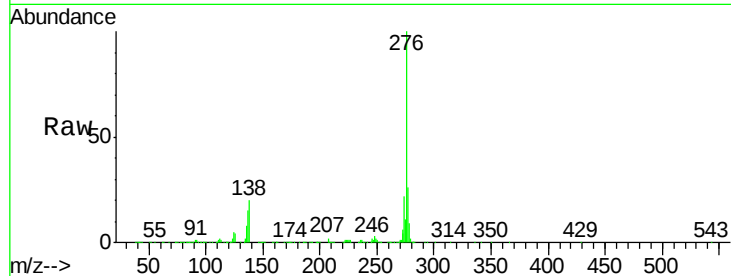
Tot Ion:276 Resp: 1388745

Ion Ratio Lower Upper

276 100

138 8.8 0.0 0.0#

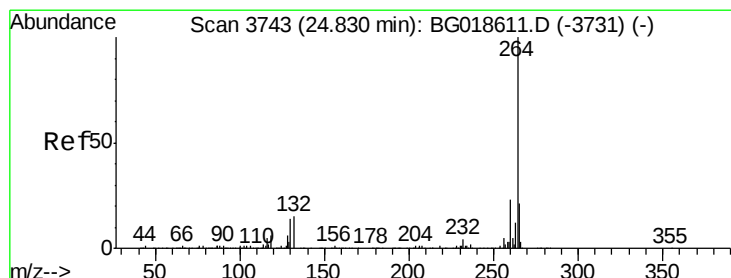
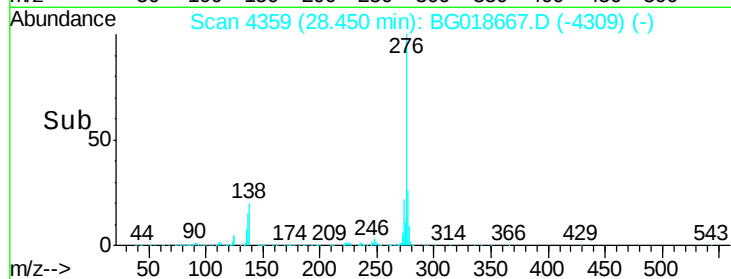
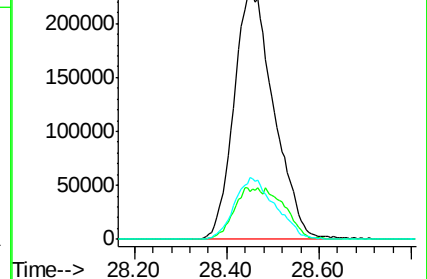
277 25.3 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.82 min Scan# 3741

Delta R.T. 0.00 min

Lab File: BG018667.D

Acq: 14 Sep 2015 18:21

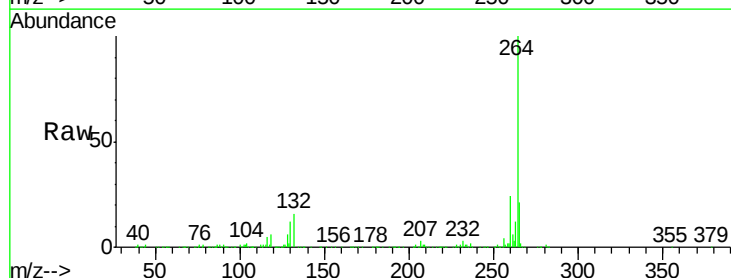
Tgt Ion:264 Resp: 502194

Ion Ratio Lower Upper

264 100

260 23.9 18.5 27.7

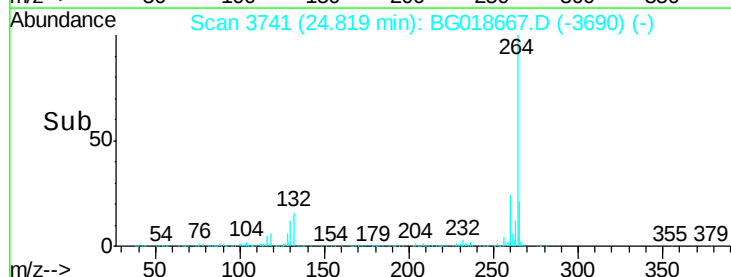
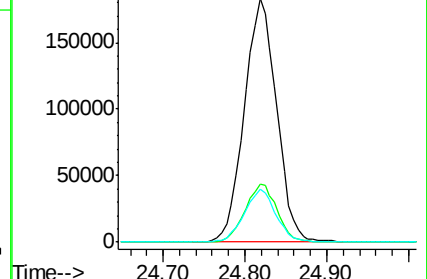
265 21.5 17.2 25.8

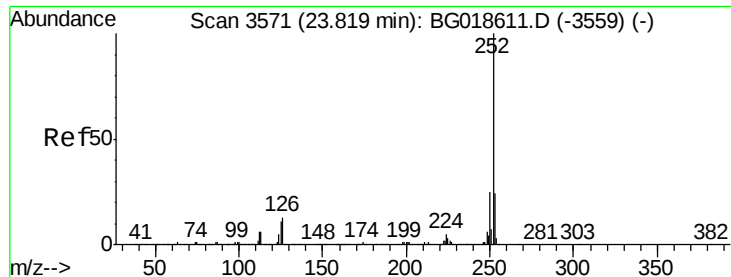


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

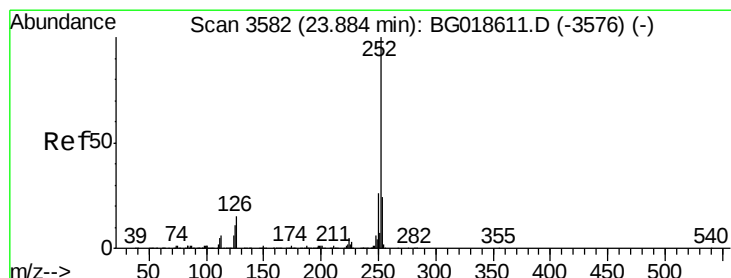
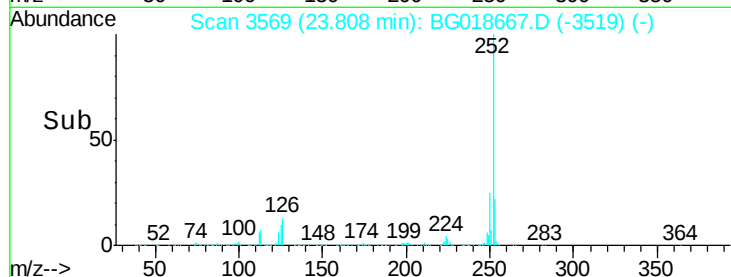
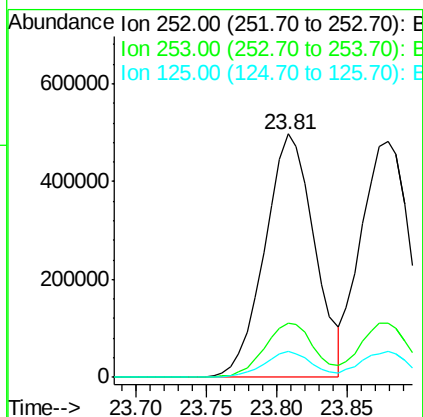
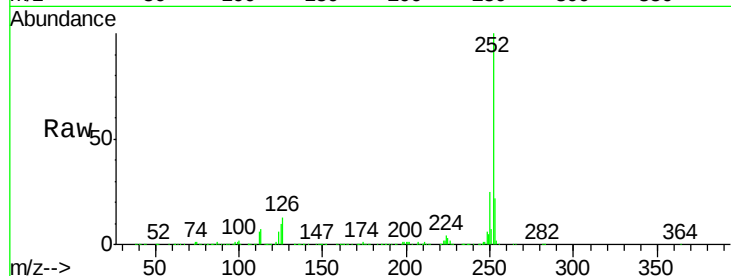




#87
Benzo(b)fluoranthene
Concen: 42.06 ng
RT: 23.81 min Scan# 3569
Delta R.T. -0.01 min
Lab File: BG018667.D
Acq: 14 Sep 2015 18:21

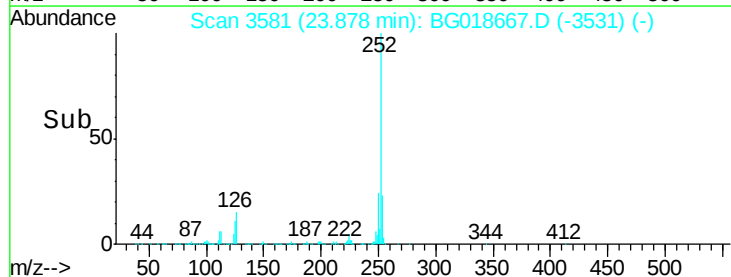
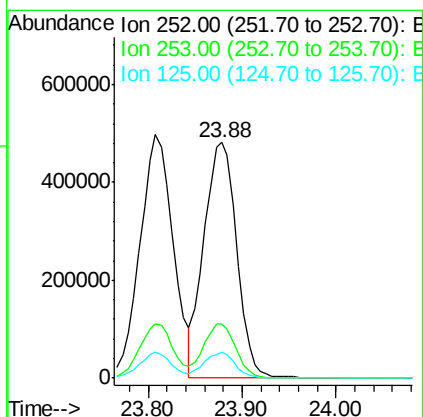
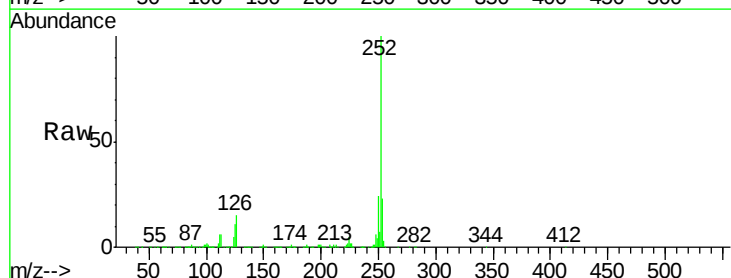
Instrument :
BNA_G
ClientSampleId :
PB85519BS

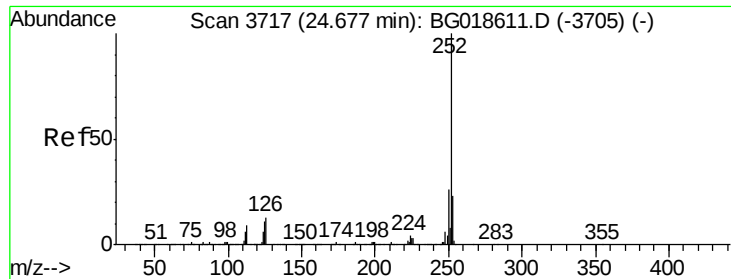
Tot Ion:252 Resp: 1224768
Ion Ratio Lower Upper
252 100
253 22.4 19.1 28.7
125 10.5 8.9 13.3



#88
Benzo(k)fluoranthene
Concen: 40.06 ng
RT: 23.88 min Scan# 3581
Delta R.T. -0.01 min
Lab File: BG018667.D
Acq: 14 Sep 2015 18:21

Tgt Ion:252 Resp: 1168745
Ion Ratio Lower Upper
252 100
253 23.1 19.0 28.4
125 10.9 8.9 13.3





#89

Benzo(a)pyrene

Concen: 42.80 ng

RT: 24.67 min Scan# 3716

Delta R.T. -0.01 min

Lab File: BG018667.D

Acq: 14 Sep 2015 18:21

Instrument :

BNA_G

ClientSampleId :

PB85519BS

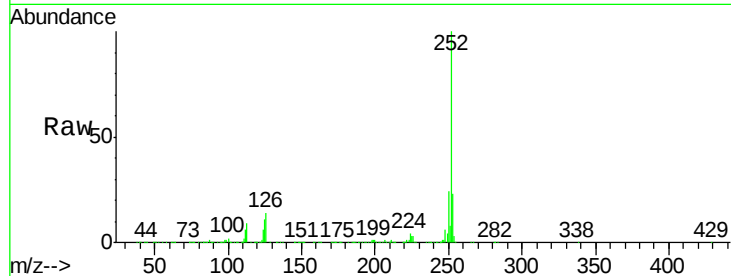
Tot Ion:252 Resp: 1186037

Ion Ratio Lower Upper

252 100

253 22.9 18.7 28.1

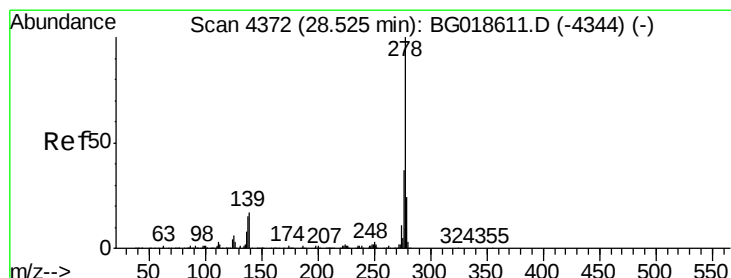
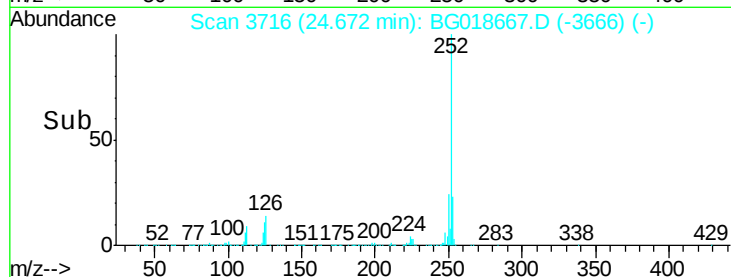
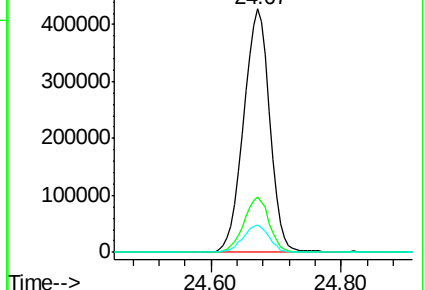
125 11.0 9.1 13.7



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: 41.26 ng

RT: 28.51 min Scan# 4370

Delta R.T. -0.01 min

Lab File: BG018667.D

Acq: 14 Sep 2015 18:21

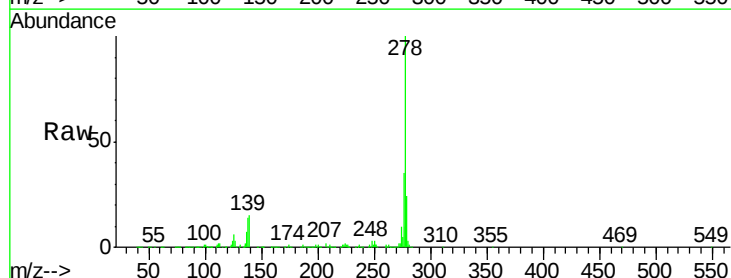
Tgt Ion:278 Resp: 1125658

Ion Ratio Lower Upper

278 100

139 15.2 13.8 20.6

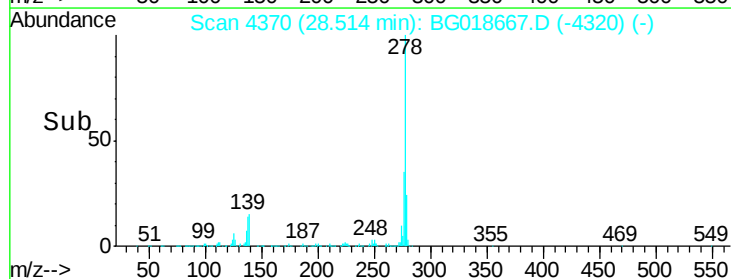
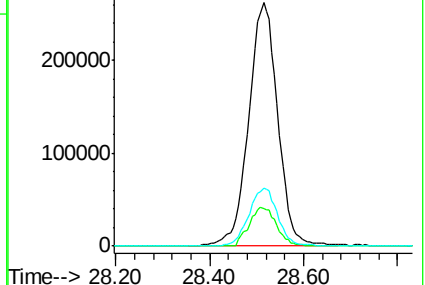
279 23.8 19.4 29.0

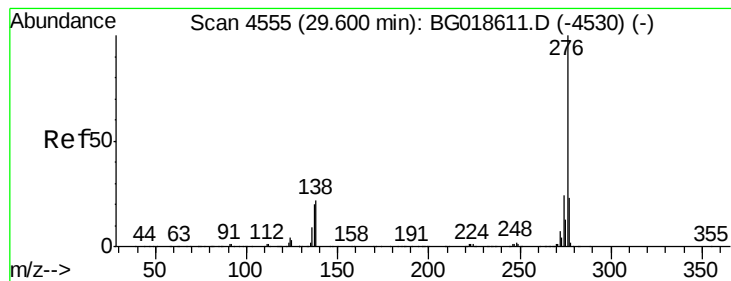


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 41.28 ng

RT: 29.60 min Scan# 4554

Delta R.T. 0.00 min

Lab File: BG018667.D

Acq: 14 Sep 2015 18:21

Instrument :

BNA_G

ClientSampleId :

PB85519BS

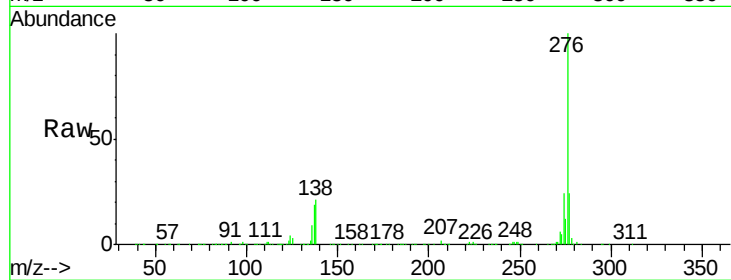
Tot Ion:276 Resp: 1147028

Ion Ratio Lower Upper

276 100

277 23.9 18.4 27.6

138 21.4 17.4 26.0



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

