

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091415\
 Data File : BG018668.D
 Acq On : 14 Sep 2015 18:59
 Operator : UM/IZ
 Sample : PB85519BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB85519BSD

Quant Time: Sep 15 01:30:16 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	54558	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	229797	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	155265	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	454557	20.00	ng	0.00
75) Chrysene-d12	21.63	240	493430	20.00	ng	0.00
86) Perylene-d12	24.82	264	499078	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.58	112	265949	84.21	ng	0.00
7) Phenol-d6	7.16	99	376715	83.19	ng	0.00
23) Nitrobenzene-d5	9.16	82	308494	75.12	ng	0.00
41) 2,4,6-Tribromophenol	16.12	330	180529	86.35	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	824128	73.68	ng	0.00
78) Terphenyl-d14	19.98	244	1488764	79.23	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.47	88	40676	30.81	ng	# 100
3) Pyridine	3.87	79	122857	30.02	ng	96
4) n-Nitrosodimethylamine	3.78	42	45295	31.78	ng	# 73
6) Aniline	7.32	93	124328	19.92	ng	93
8) 2-Chlorophenol	7.57	128	149037	40.87	ng	96
9) Benzaldehyde	7.13	77	64358	26.40	ng	99
10) Phenol	7.19	94	200118	41.83	ng	98
11) bis(2-Chloroethyl)ether	7.42	93	139662	37.67	ng	99
12) 1,3-Dichlorobenzene	7.89	146	152962	36.05	ng	95
13) 1,4-Dichlorobenzene	8.04	146	159641	37.52	ng	96
14) 1,2-Dichlorobenzene	8.36	146	151888	37.38	ng	94
15) Benzyl Alcohol	8.23	79	126321	38.70	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.54	45	160853	38.21	ng	99
17) 2-Methylphenol	8.44	107	136646	41.11	ng	98
18) Hexachloroethane	9.09	117	54977	36.13	ng	97
19) n-Nitroso-di-n-propylamine	8.80	70	108478	34.01	ng	98
20) 3+4-Methylphenols	8.77	107	187359	40.14	ng	94
22) Acetophenone	8.82	105	221673	38.08	ng	# 98
24) Nitrobenzene	9.20	77	162431	37.25	ng	99
25) Isophorone	9.72	82	310175	35.12	ng	100
26) 2-Nitrophenol	9.92	139	78722	38.69	ng	98
27) 2,4-Dimethylphenol	9.97	122	148744	40.26	ng	98
28) bis(2-Chloroethoxy)methane	10.21	93	192408	37.94	ng	99
29) 2,4-Dichlorophenol	10.45	162	158649	42.49	ng	98
30) 1,2,4-Trichlorobenzene	10.67	180	156946	37.93	ng	95
31) Naphthalene	10.86	128	466174	37.88	ng	99
32) Benzoic acid	10.09	122	106176	36.83	ng	96
33) 4-Chloroaniline	10.96	127	71217	12.79	ng	96
34) Hexachlorobutadiene	11.14	225	91165	37.37	ng	99
35) Caprolactam	11.72	113	40255	25.08	ng	90
36) 4-Chloro-3-methylphenol	12.08	107	178478	42.85	ng	99
37) 2-Methylnaphthalene	12.46	142	348501	38.69	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	181959	36.95	ng	97
40) Hexachlorocyclopentadiene	12.81	237	215120	86.98	ng	98

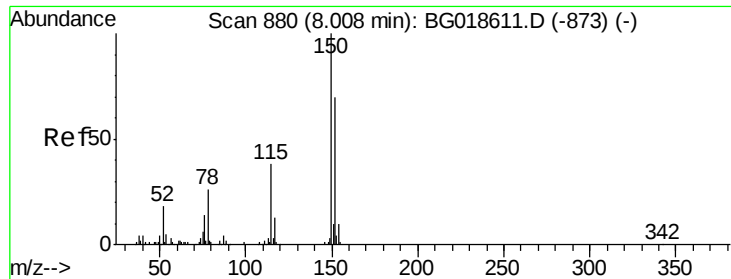
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.07	196	135108	39.62	ng	98
43) 2,4,5-Trichlorophenol	13.14	196	152708	40.82	ng	98
45) 1,1'-Biphenyl	13.46	154	465404	37.69	ng	98
46) 2-Chloronaphthalene	13.51	162	363336	38.20	ng	98
47) 2-Nitroaniline	13.70	65	115261	40.27	ng	96
48) Acenaphthylene	14.35	152	643781	38.28	ng	98
49) Dimethylphthalate	14.08	163	501470	39.00	ng	99
50) 2,6-Dinitrotoluene	14.20	165	114840	41.11	ng	99
51) Acenaphthene	14.70	154	375083	38.34	ng	99
52) 3-Nitroaniline	14.53	138	66936	20.05	ng	91
53) 2,4-Dinitrophenol	14.74	184	112042	79.32	ng	98
54) Dibenzofuran	15.02	168	621322	40.87	ng	99
55) 4-Nitrophenol	14.84	139	237553	92.18	ng	97
56) 2,4-Dinitrotoluene	14.99	165	175764	44.37	ng	# 95
57) Fluorene	15.68	166	530635	40.54	ng	100
58) 2,3,4,6-Tetrachlorophenol	15.25	232	149629	42.65	ng	97
59) Diethylphthalate	15.44	149	533744	39.80	ng	99
60) 4-Chlorophenyl-phenylether	15.66	204	253515	40.31	ng	98
61) 4-Nitroaniline	15.69	138	146782	40.78	ng	96
62) Azobenzene	15.96	77	491222	41.45	ng	99
64) 4,6-Dinitro-2-methylphenol	15.75	198	86102	36.60	ng	93
65) n-Nitrosodiphenylamine	15.88	169	477256	36.25	ng	98
66) 4-Bromophenyl-phenylether	16.56	248	174492	37.74	ng	97
67) Hexachlorobenzene	16.68	284	194577	38.74	ng	97
68) Atrazine	16.83	200	209846	40.09	ng	97
69) Pentachlorophenol	17.02	266	255460	82.47	ng	93
70) Phenanthrene	17.42	178	926624	38.76	ng	99
71) Anthracene	17.50	178	948536	39.18	ng	99
72) Carbazole	17.77	167	941656	40.19	ng	100
73) Di-n-butylphthalate	18.33	149	1111518	40.22	ng	100
74) Fluoranthene	19.42	202	1186039	40.05	ng	99
76) Benzidine	19.60	184	387151	26.13	ng	99
77) Pyrene	19.78	202	1213881	40.03	ng	99
79) Butylbenzylphthalate	20.66	149	490803	39.81	ng	99
80) Benzo(a)anthracene	21.61	228	1129204	39.75	ng	98
81) 3,3'-Dichlorobenzidine	21.53	252	243086	22.52	ng	99
82) Chrysene	21.68	228	1025671	38.34	ng	99
83) Bis(2-ethylhexyl)phthalate	21.52	149	713521	40.12	ng	99
84) Di-n-octyl phthalate	22.72	149	1228784	40.85	ng	99
85) Indeno(1,2,3-cd)pyrene	28.45	276	1341974	39.51	ng	# 100
87) Benzo(b)fluoranthene	23.81	252	1168438	40.37	ng	97
88) Benzo(k)fluoranthene	23.87	252	1162827	40.11	ng	99
89) Benzo(a)pyrene	24.67	252	1137808	41.32	ng	99
90) Dibenzo(a,h)anthracene	28.51	278	1080202	39.84	ng	97
91) Benzo(g,h,i)perylene	29.58	276	1108366	40.14	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.00 min Scan# 879

Delta R.T. 0.00 min

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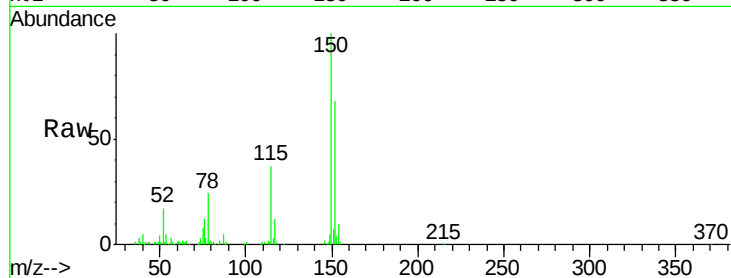
Tot Ion:152 Resp: 54558

Ion Ratio Lower Upper

152 100

150 147.7 115.0 172.4

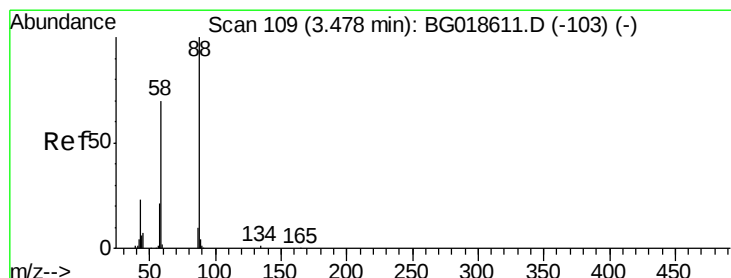
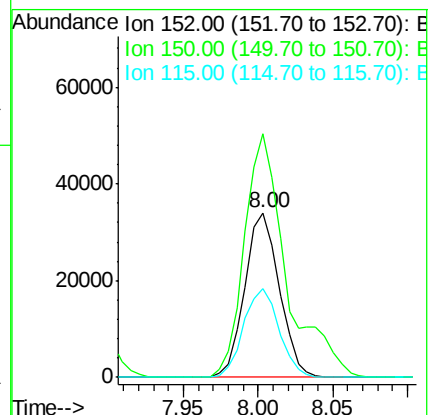
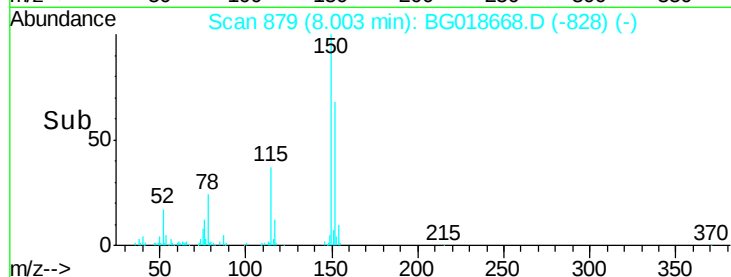
115 54.0 43.9 65.9



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



#2

1,4-Dioxane

Concen: 30.81 ng

RT: 3.47 min Scan# 108

Delta R.T. 0.00 min

Lab File: BG018668.D

Acq: 14 Sep 2015 18:59

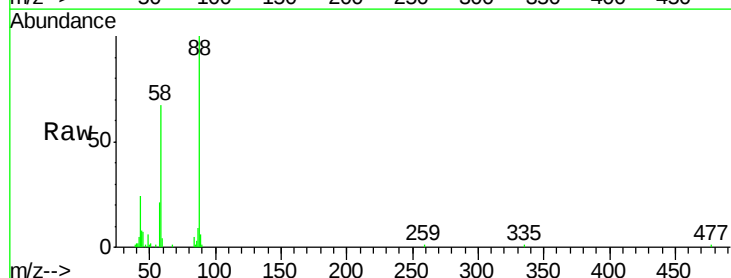
Tgt Ion: 88 Resp: 40676

Ion Ratio Lower Upper

88 100

58 64.6 0.0 0.0#

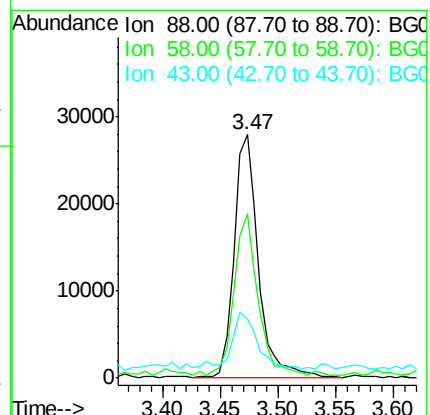
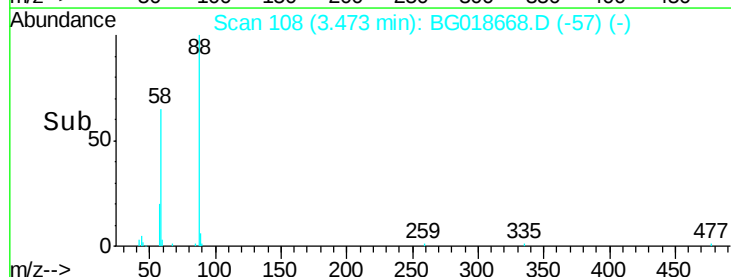
43 22.8 0.0 0.0#

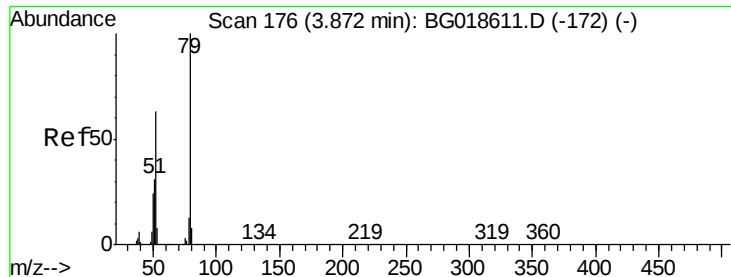


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 30.02 ng

RT: 3.87 min Scan# 175

Delta R.T. -0.00 min

Lab File: BG018668.D

Acq: 14 Sep 2015 18:59

Instrument :

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ClientSampleId :

PB85519BSD

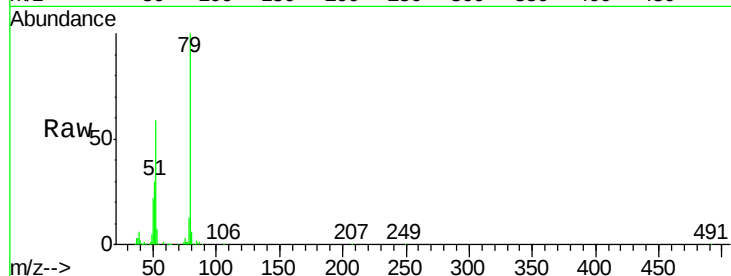
Tot Ion: 79 Resp: 122857

Ion Ratio Lower Upper

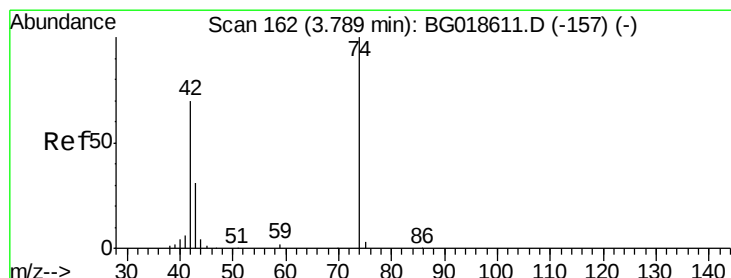
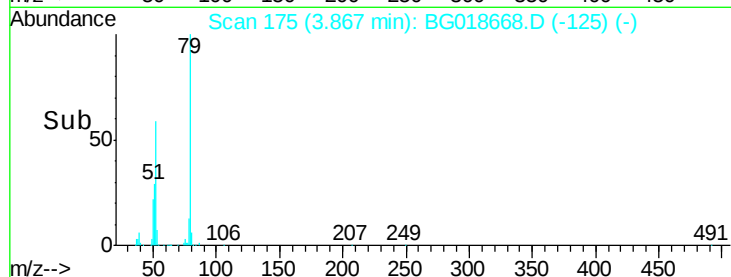
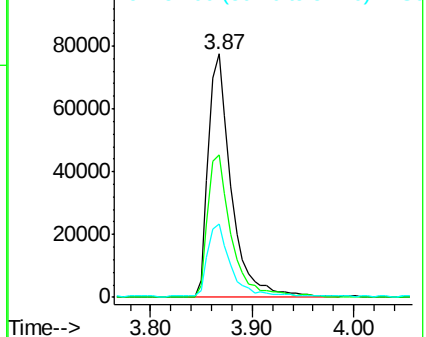
79 100

52 58.7 50.3 75.5

51 30.1 24.8 37.2



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 31.78 ng

RT: 3.78 min Scan# 160

Delta R.T. -0.00 min

Lab File: BG018668.D

Acq: 14 Sep 2015 18:59

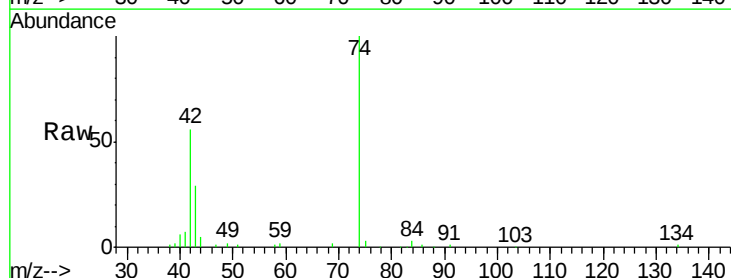
Tgt Ion: 42 Resp: 45295

Ion Ratio Lower Upper

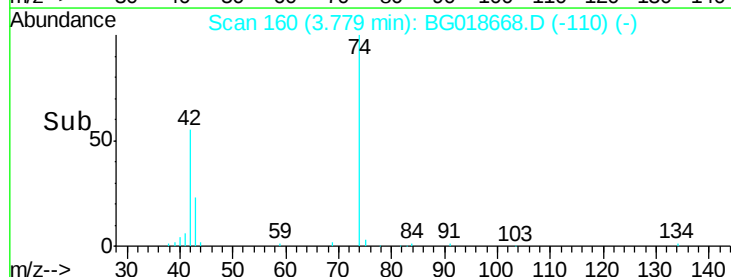
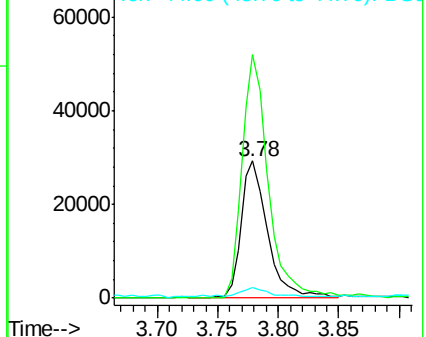
42 100

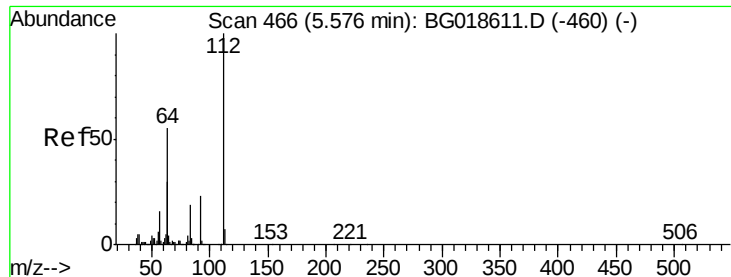
74 177.7 113.9 170.9#

44 8.1 5.7 8.5



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 84.21 ng

RT: 5.58 min Scan# 466

Delta R.T. 0.00 min

Lab File: BG018668.D

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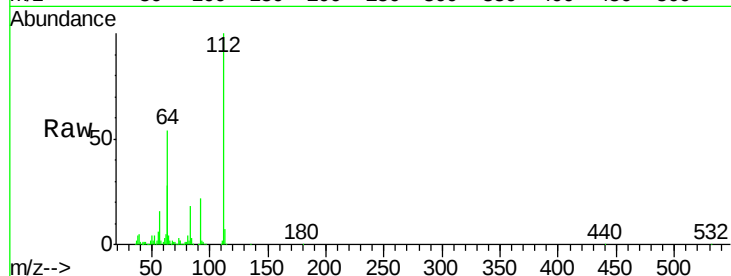
Tot Ion:112 Resp: 265949

Ion Ratio Lower Upper

112 100

64 54.2 43.7 65.5

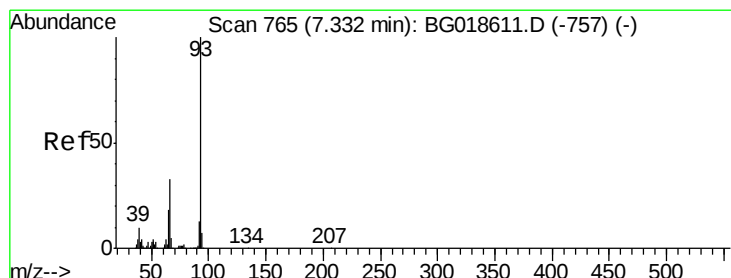
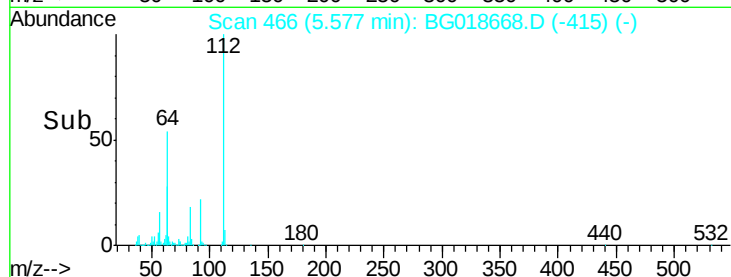
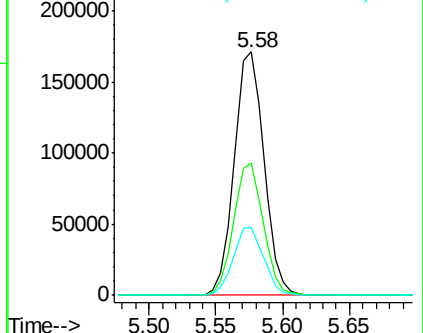
63 27.8 24.0 36.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 19.92 ng

RT: 7.32 min Scan# 763

Delta R.T. -0.00 min

Lab File: BG018668.D

Acq: 14 Sep 2015 18:59

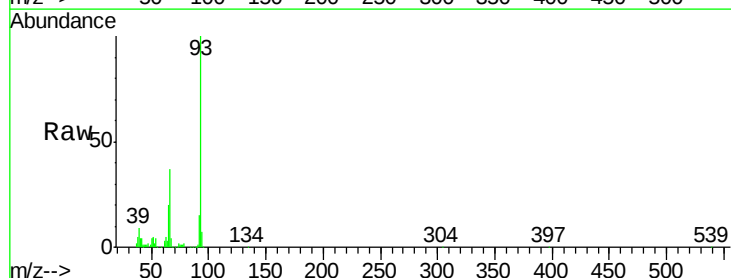
Tgt Ion: 93 Resp: 124328

Ion Ratio Lower Upper

93 100

66 36.9 26.2 39.2

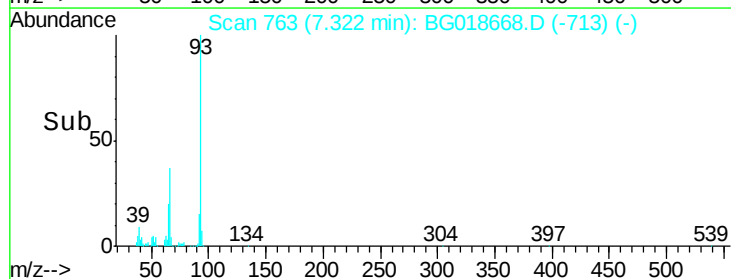
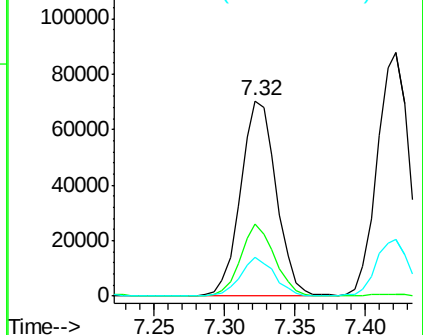
65 20.1 14.0 21.0

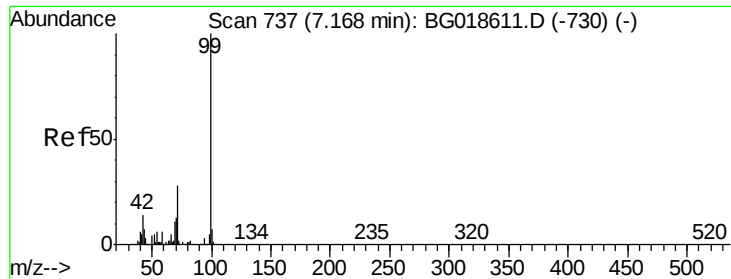


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 83.19 ng

RT: 7.16 min Scan# 736

Delta R.T. 0.00 min

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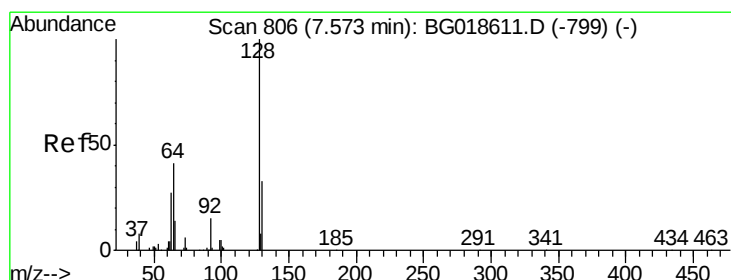
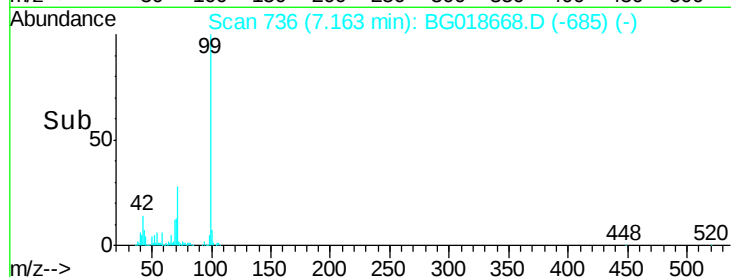
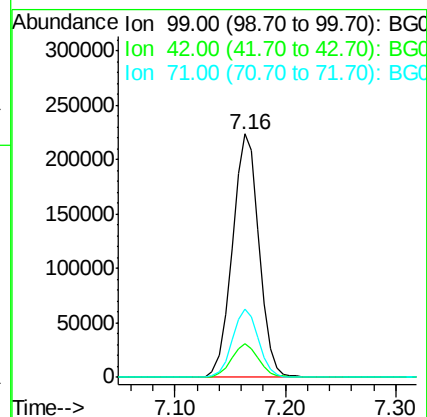
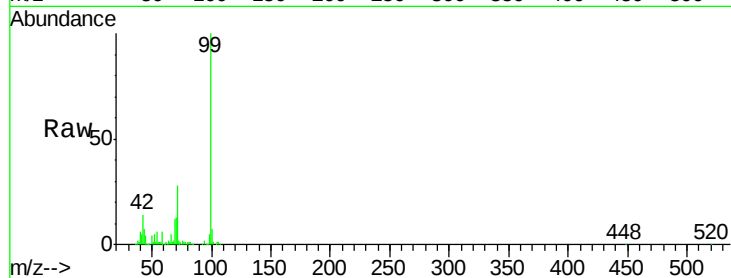
Tot Ion: 99 Resp: 376715

Ion Ratio Lower Upper

99 100

42 13.8 11.5 17.3

71 28.1 22.6 34.0



#8

2-Chlorophenol

Concen: 40.87 ng

RT: 7.57 min Scan# 805

Delta R.T. 0.00 min

Lab File: BG018668.D

Acq: 14 Sep 2015 18:59

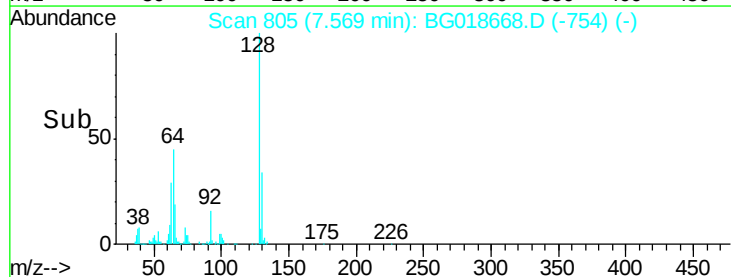
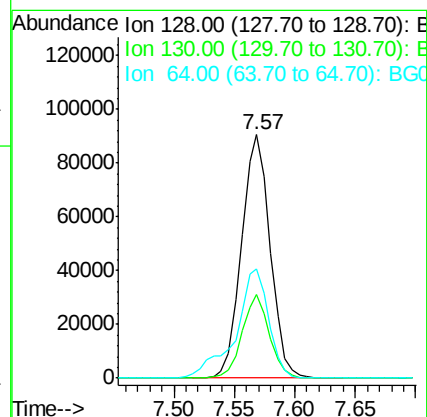
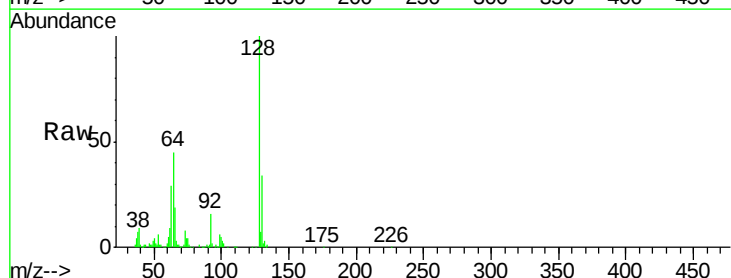
Tgt Ion: 128 Resp: 149037

Ion Ratio Lower Upper

128 100

130 34.1 13.0 53.0

64 45.0 28.2 68.2





#9

Benzaldehyde

Concen: 26.40 ng

RT: 7.13 min Scan# 731

Delta R.T. -0.00 min

Lab File: BG018668.D

Acq: 14 Sep 2015 18:59

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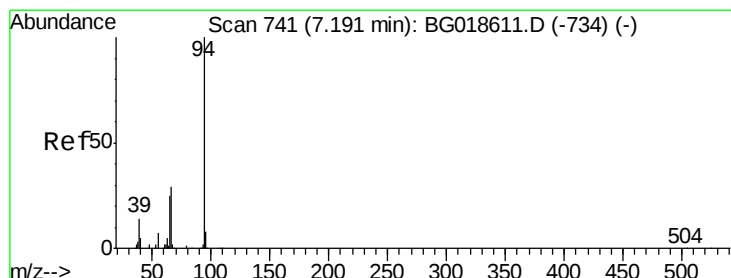
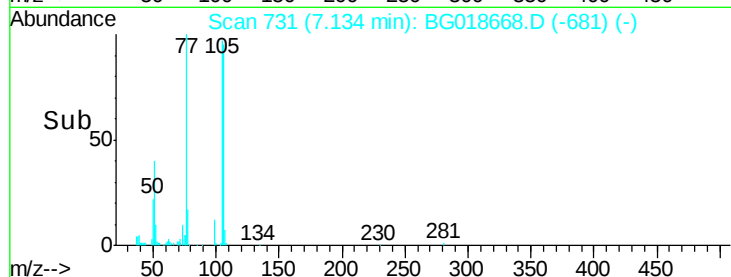
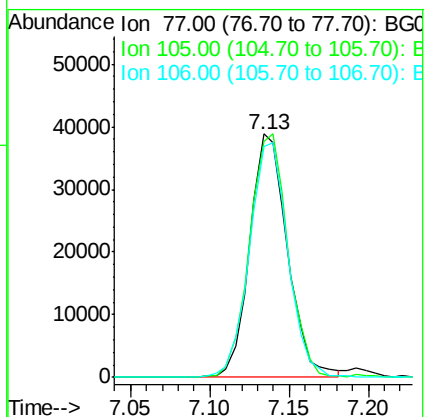
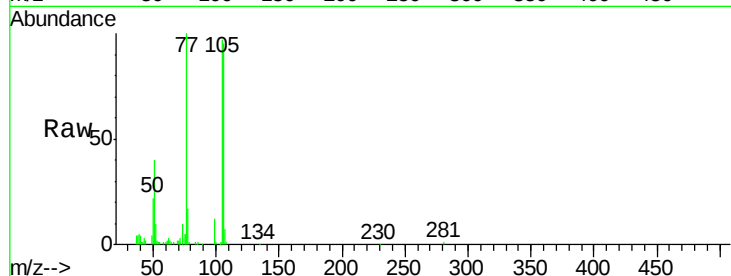
Tot Ion: 77 Resp: 64358

Ion Ratio Lower Upper

77 100

105 97.0 77.7 117.7

106 95.0 75.8 115.8



#10

Phenol

Concen: 41.83 ng

RT: 7.19 min Scan# 741

Delta R.T. 0.00 min

Lab File: BG018668.D

Acq: 14 Sep 2015 18:59

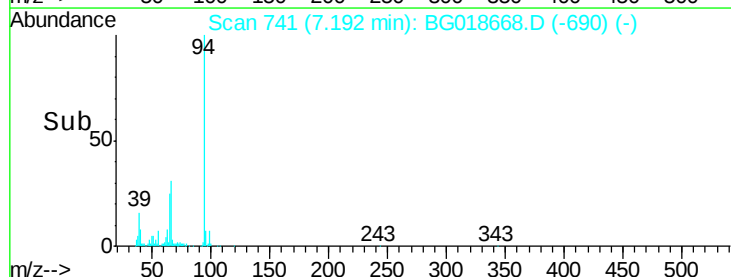
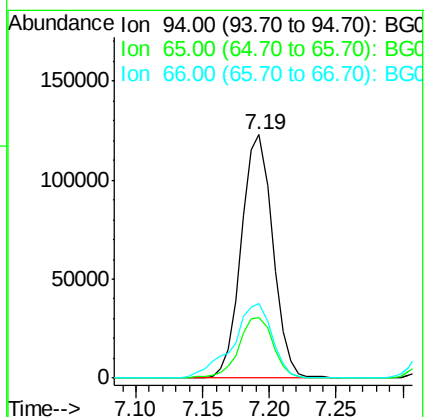
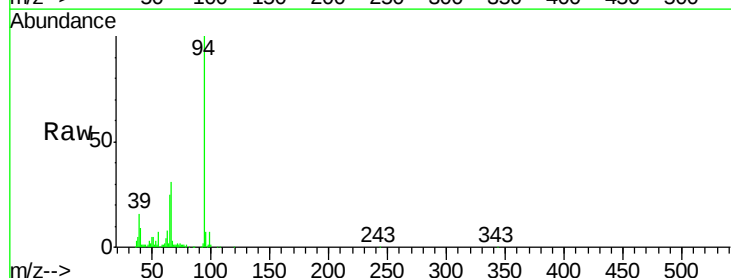
Tgt Ion: 94 Resp: 200118

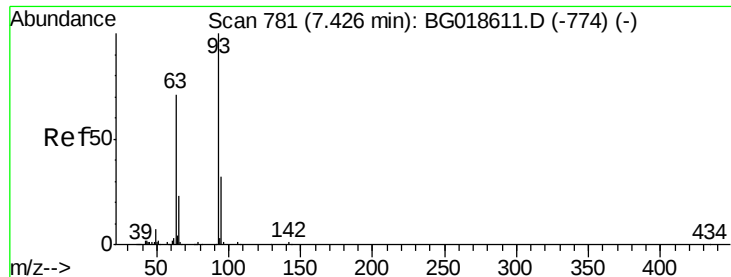
Ion Ratio Lower Upper

94 100

65 24.8 5.4 45.4

66 30.8 11.8 51.8

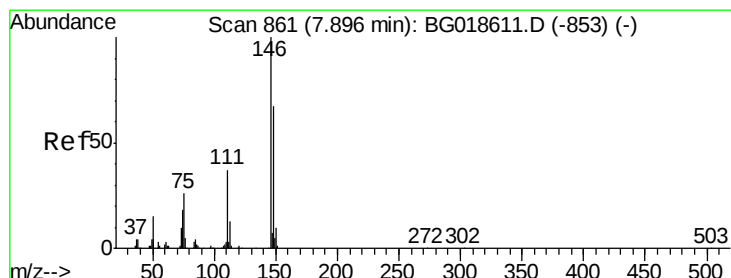
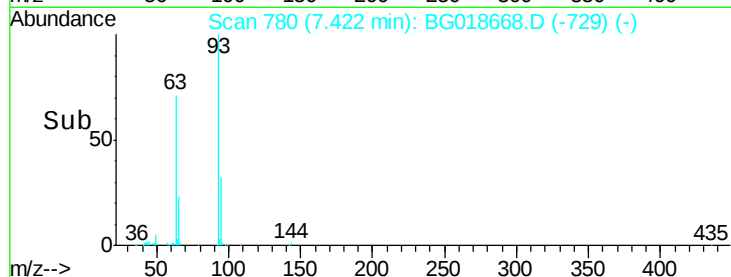
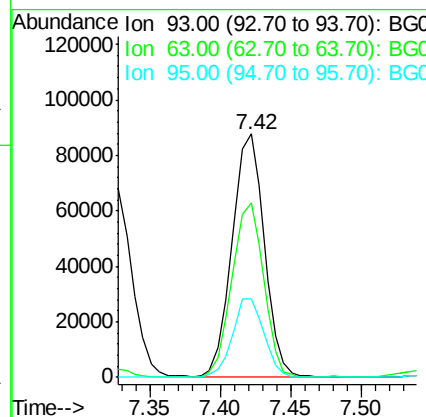
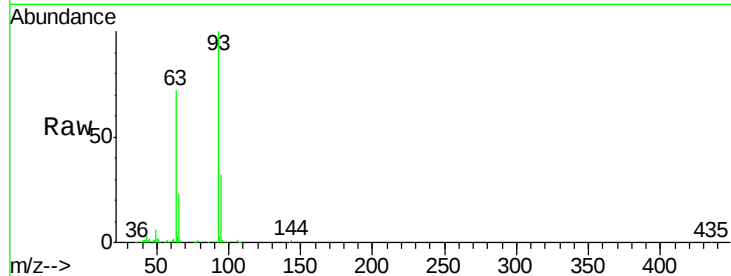




#11
bis(2-Chloroethyl)ether
Concen: 37.67 ng
RT: 7.42 min Scan# 780
Delta R.T. 0.00 min
Lab File: BG018668.D
Acq: 14 Sep 2015 18:59

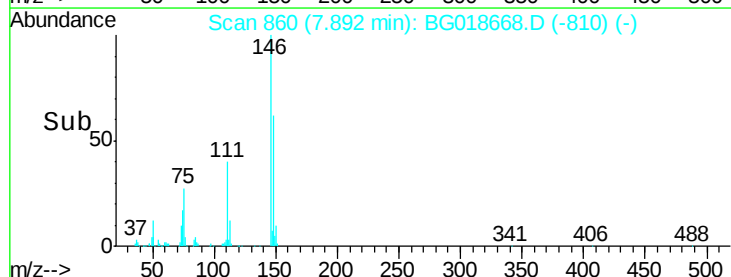
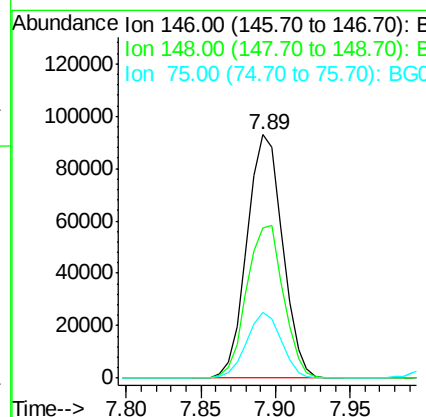
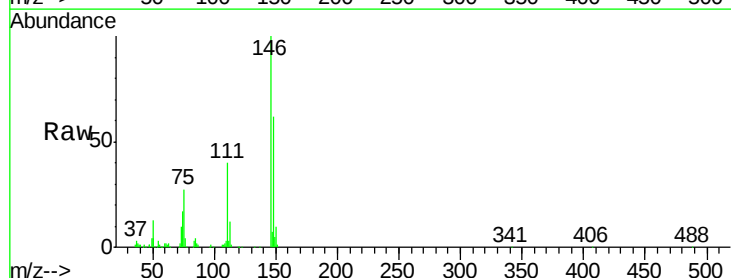
Instrument :
BNA_G
ClientSampleId :
PB85519BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.7	50.5	90.5
95	32.1	12.2	52.2



#12
1,3-Dichlorobenzene
Concen: 36.05 ng
RT: 7.89 min Scan# 860
Delta R.T. -0.00 min
Lab File: BG018668.D
Acq: 14 Sep 2015 18:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.6	53.4	80.0
75	26.9	21.1	31.7

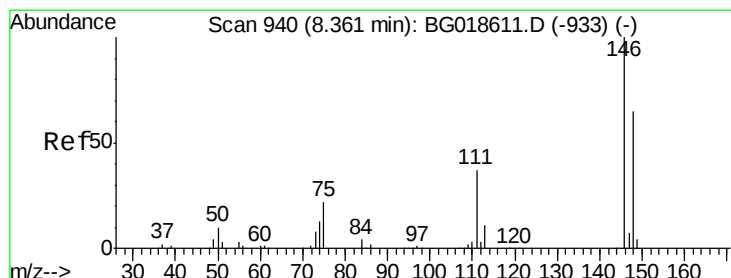
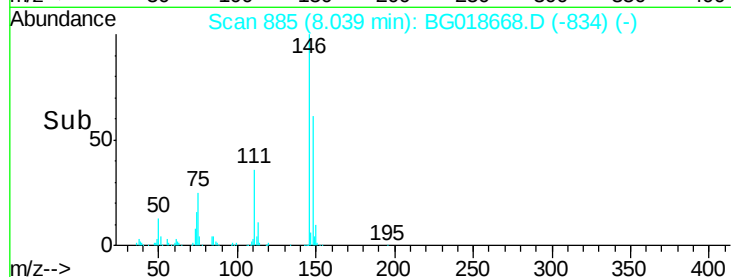
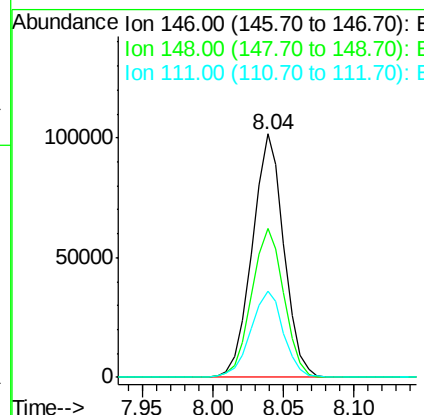
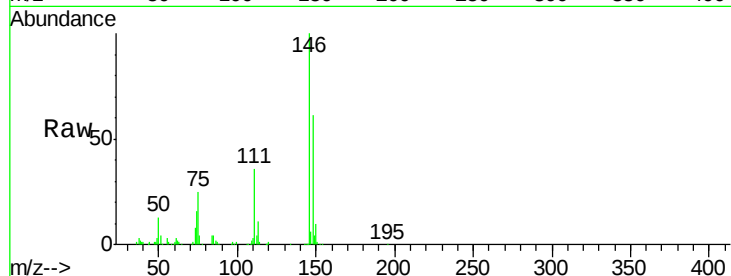




#13
 1,4-Dichlorobenzene
 Concen: 37.52 ng
 RT: 8.04 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: BG018668.D
 Acq: 14 Sep 2015 18:59

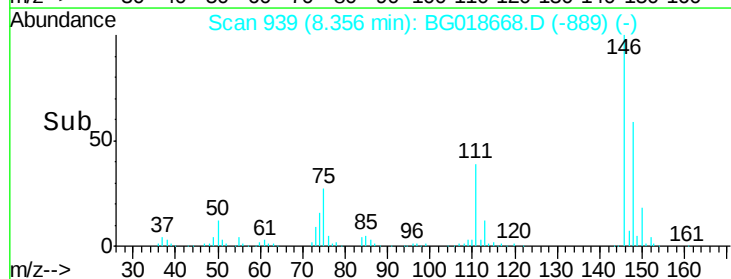
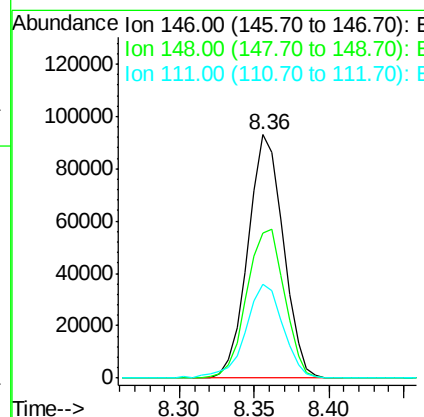
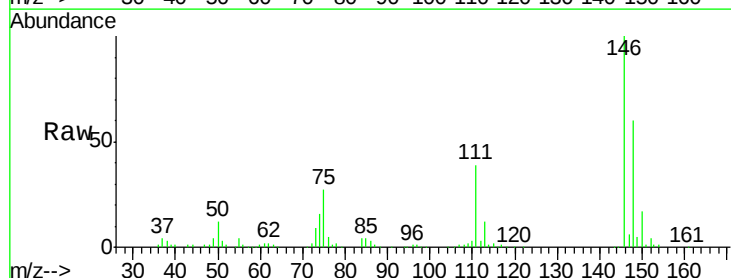
Instrument :
 BNA_G
 ClientSampleId :
 PB85519BSD

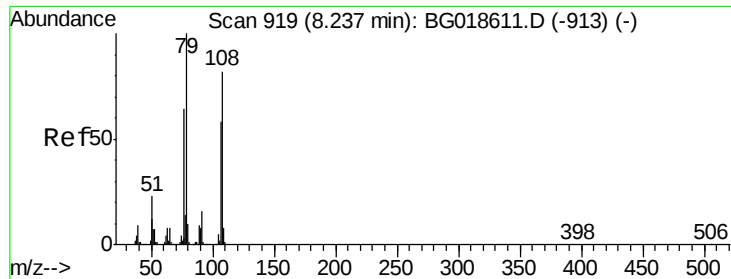
Tot Ion	Ratio	Lower	Upper
146	100		
148	61.3	52.5	78.7
111	35.5	28.3	42.5



#14
 1,2-Dichlorobenzene
 Concen: 37.38 ng
 RT: 8.36 min Scan# 939
 Delta R.T. -0.00 min
 Lab File: BG018668.D
 Acq: 14 Sep 2015 18:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	59.8	52.5	78.7
111	38.8	29.9	44.9





#15

Benzyl Alcohol

Concen: 38.70 ng

RT: 8.23 min Scan# 918

Delta R.T. -0.00 min

Lab File: BG018668.D

Acq: 14 Sep 2015 18:59

Instrument :

BNA_G

ClientSampleId :

PB85519BSD

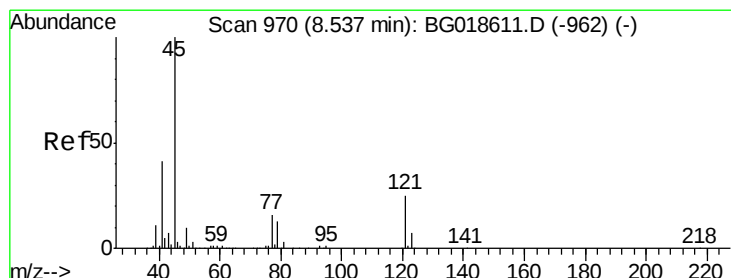
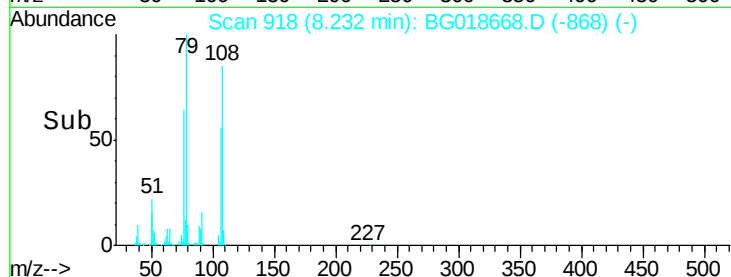
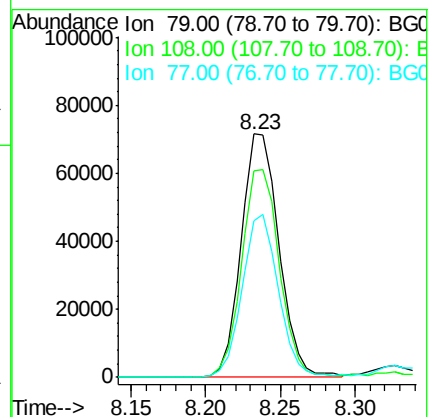
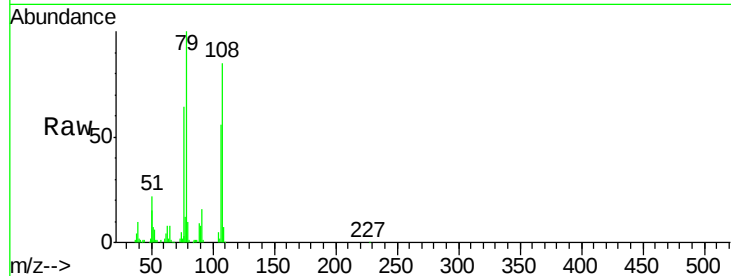
Tot Ion: 79 Resp: 126321

Ion Ratio Lower Upper

79 100

108 84.7 65.5 98.3

77 64.3 51.3 76.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.21 ng

RT: 8.54 min Scan# 970

Delta R.T. 0.00 min

Lab File: BG018668.D

Acq: 14 Sep 2015 18:59

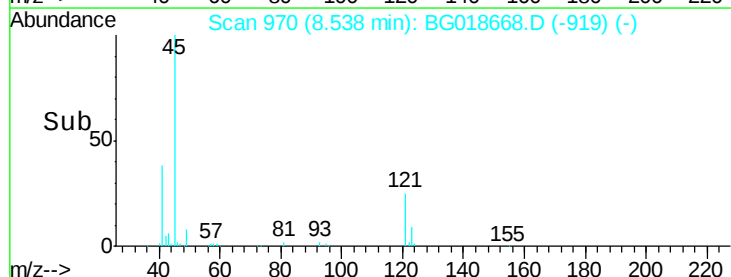
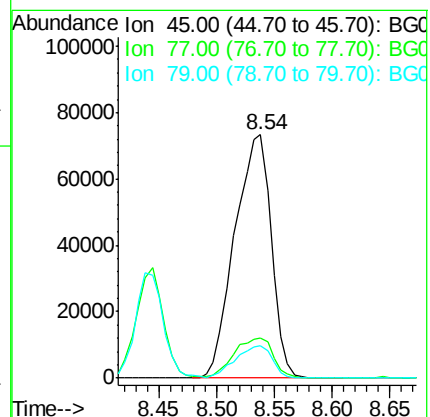
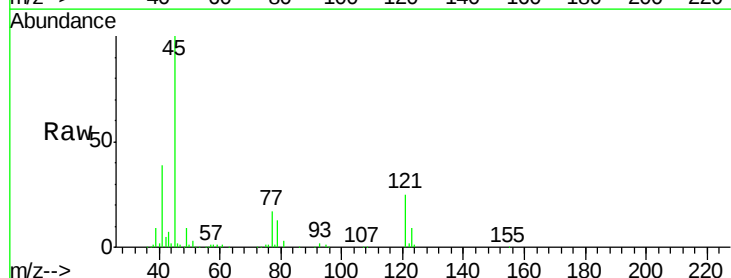
Tgt Ion: 45 Resp: 160853

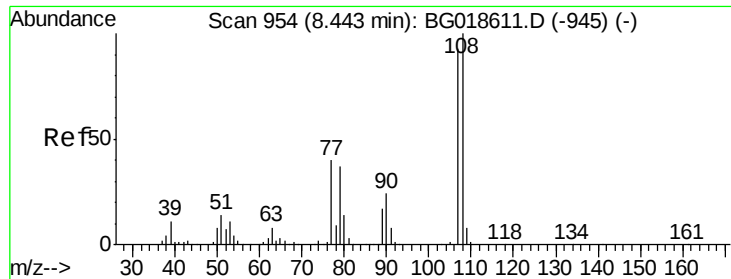
Ion Ratio Lower Upper

45 100

77 16.7 0.0 37.0

79 13.1 0.0 33.8

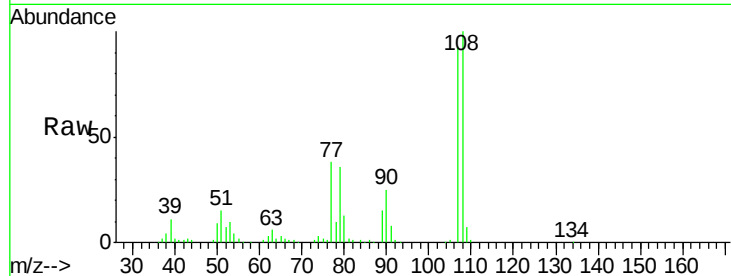




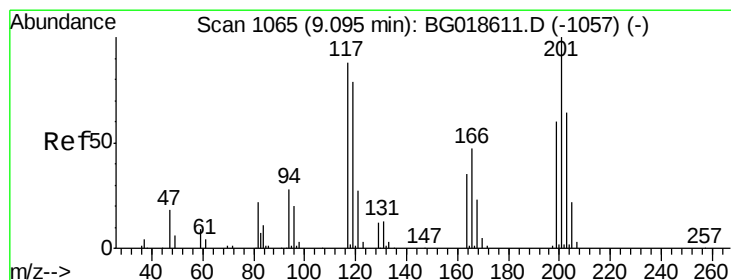
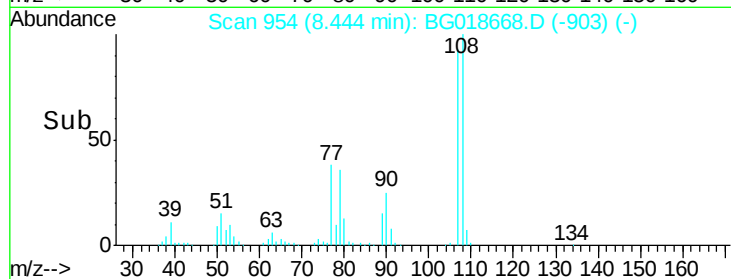
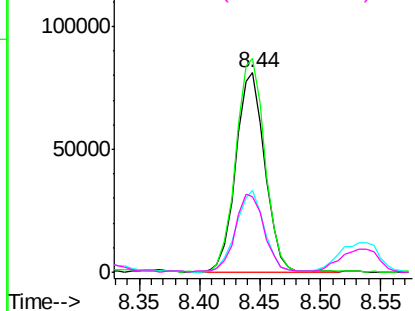
#17
2-Methylphenol
Concen: 41.11 ng
RT: 8.44 min Scan# 954
Delta R.T. 0.00 min
Lab File: BG018668.D
Acq: 14 Sep 2015 18:59

Instrument :
BNA_G
ClientSampleId :
PB85519BSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	107.0	86.5	129.7
77	40.9	34.6	51.8
79	38.0	32.3	48.5

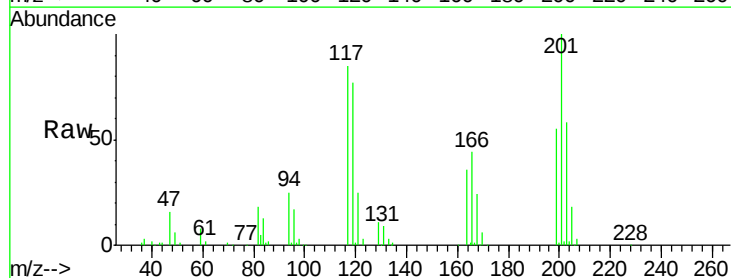


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

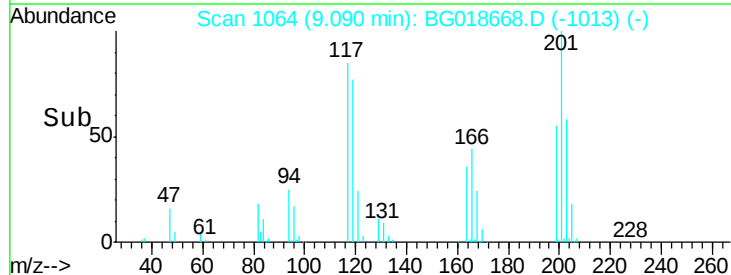
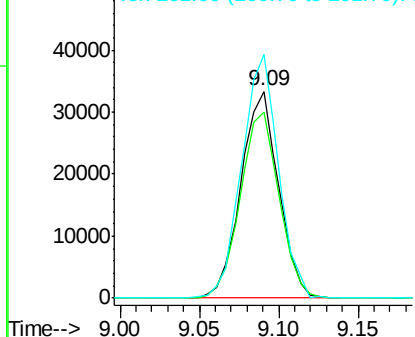


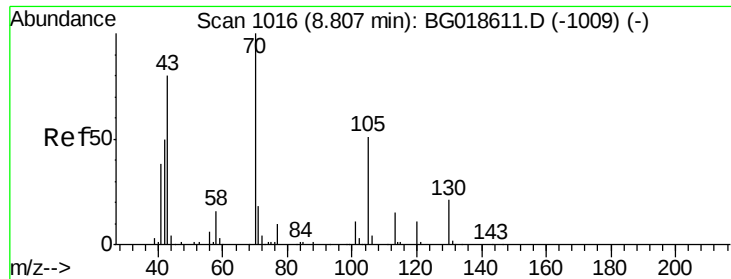
#18
Hexachloroethane
Concen: 36.13 ng
RT: 9.09 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BG018668.D
Acq: 14 Sep 2015 18:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.2	71.7	107.5
201	117.9	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

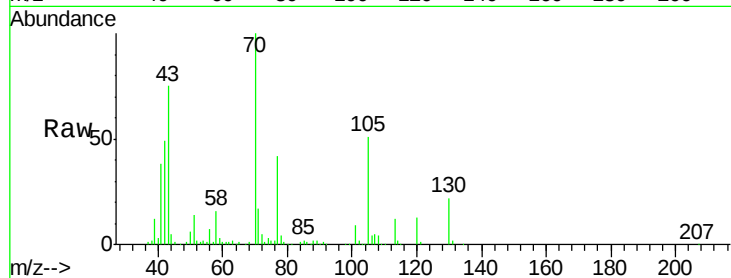




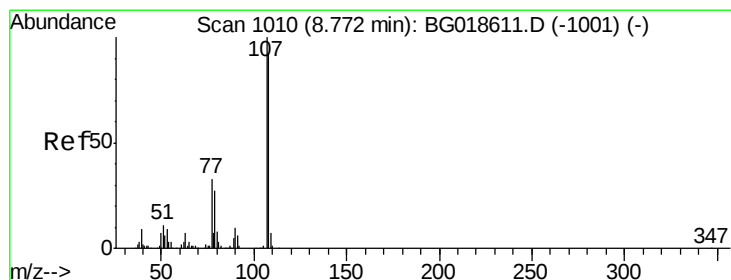
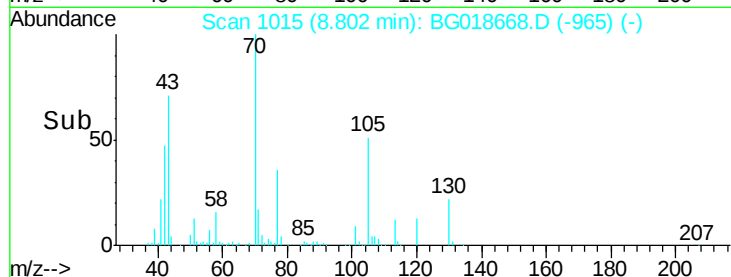
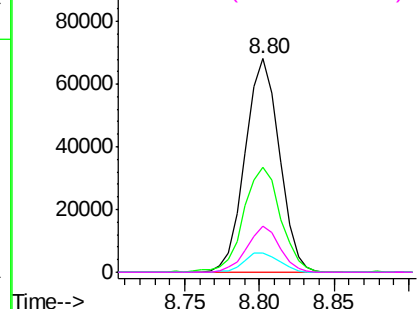
#19
n-Nitroso-di-n-propylamine
Concen: 34.01 ng
RT: 8.80 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BG018668.D
Acq: 14 Sep 2015 18:59

Instrument :
BNA_G
ClientSampleId :
PB85519BSD

Tot Ion: 70 Resp: 108478
Ion Ratio Lower Upper
70 100
42 49.2 40.6 60.8
101 9.2 8.6 13.0
130 21.6 17.0 25.6

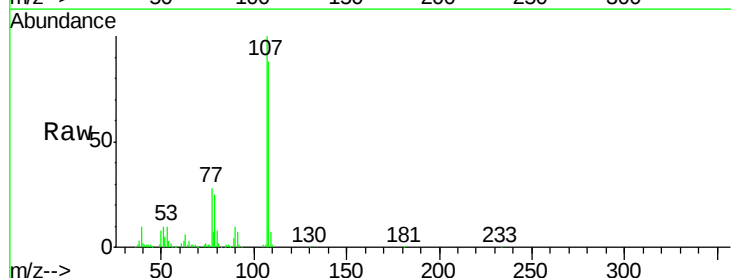


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

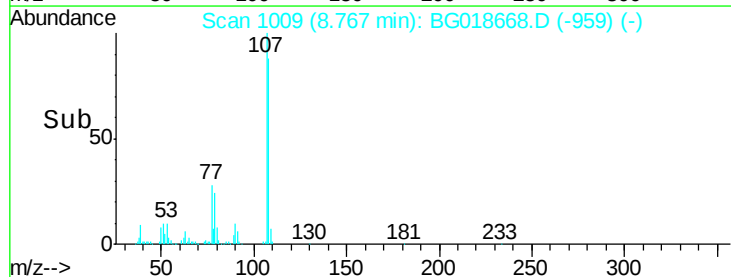
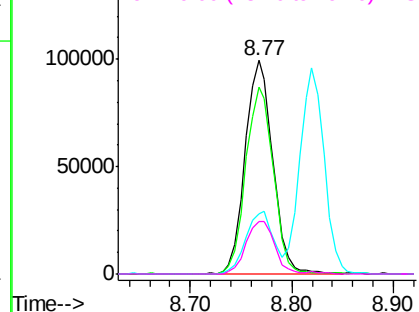


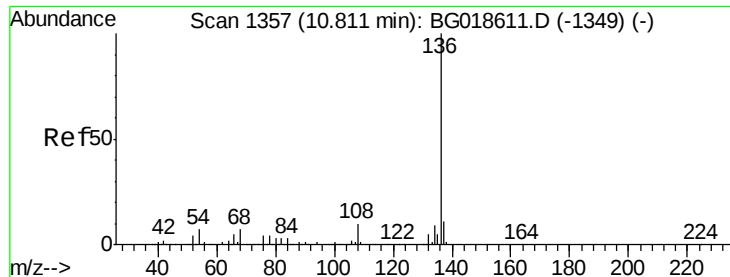
#20
3+4-Methylphenols
Concen: 40.14 ng
RT: 8.77 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG018668.D
Acq: 14 Sep 2015 18:59

Tgt Ion: 107 Resp: 187359
Ion Ratio Lower Upper
107 100
108 87.8 72.2 112.2
77 28.3 13.4 53.4
79 24.6 7.2 47.2



Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.81 min Scan# 1356

Delta R.T. -0.00 min

Lab File: BG018668.D

Acq: 14 Sep 2015 18:59

Instrument :

BNA_G

ClientSampleId :

PB85519BSD

Tot Ion:136 Resp: 229797

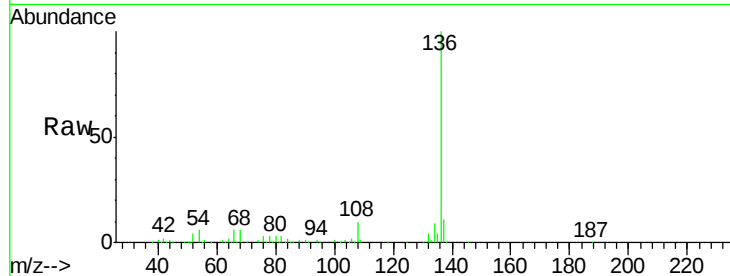
Ion Ratio Lower Upper

136 100

137 10.7 8.6 12.8

54 5.9 5.4 8.2

68 5.6 5.3 7.9

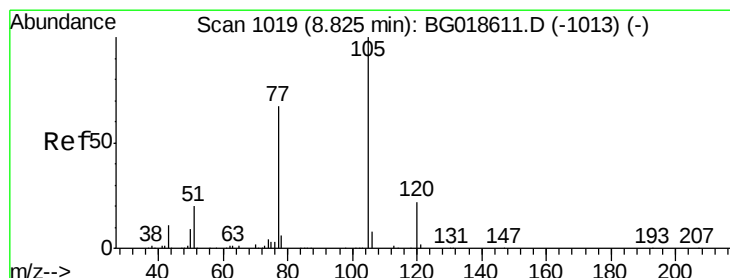
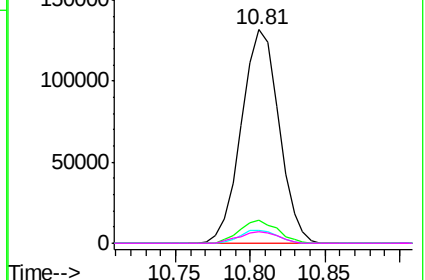
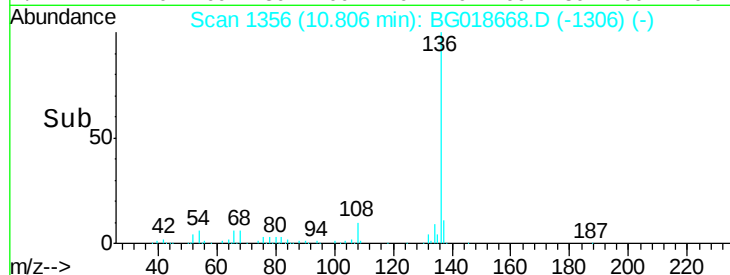


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.08 ng

RT: 8.82 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BG018668.D

Acq: 14 Sep 2015 18:59

Tgt Ion:105 Resp: 221673

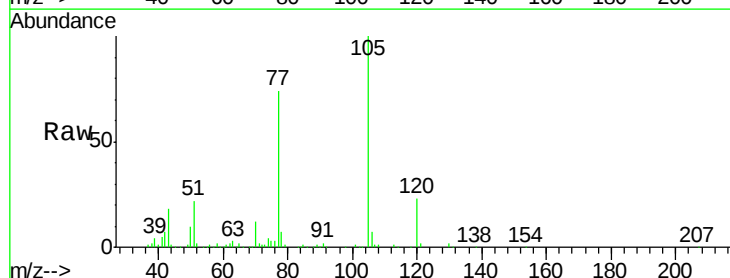
Ion Ratio Lower Upper

105 100

71 2.0 2.1 3.1#

51 21.9 17.8 26.8

120 23.2 17.7 26.5

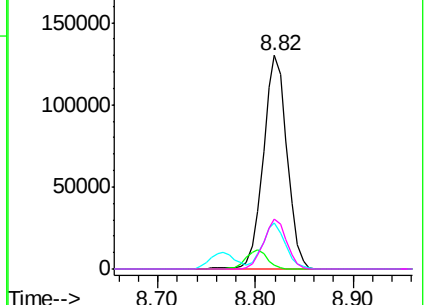
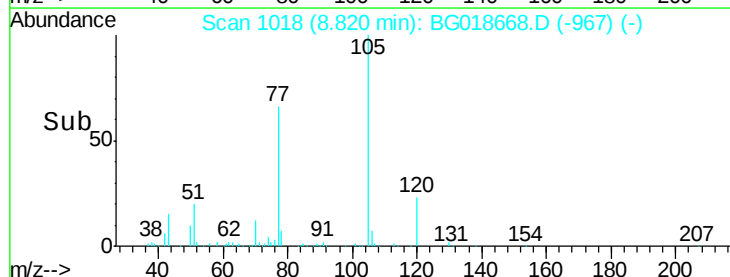


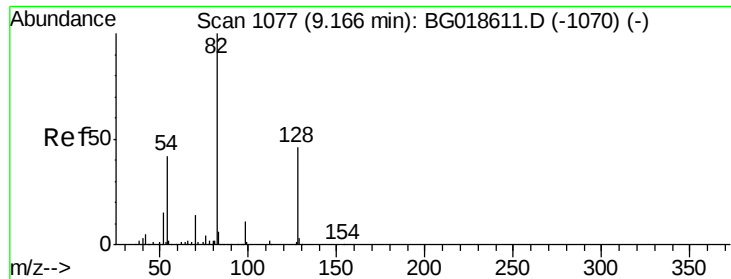
Abundance Ion 105.00 (104.70 to 105.70): E

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

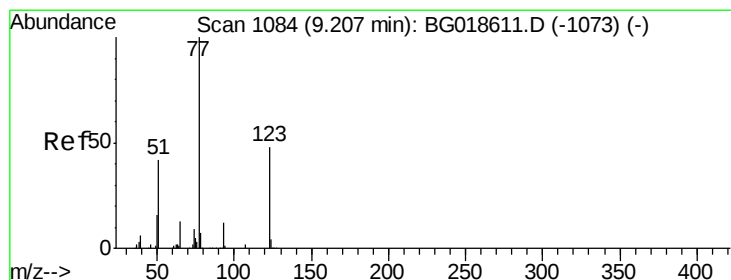
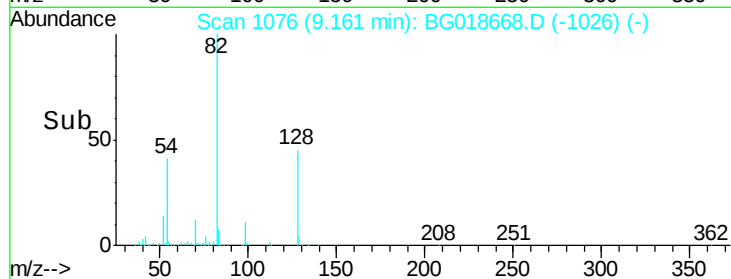
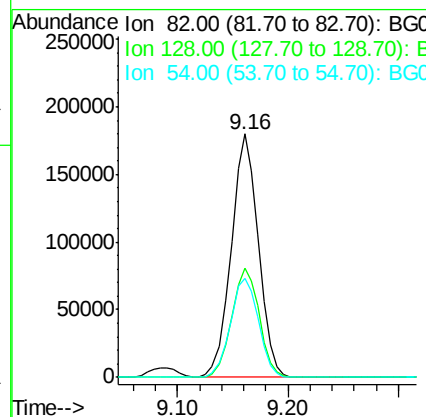
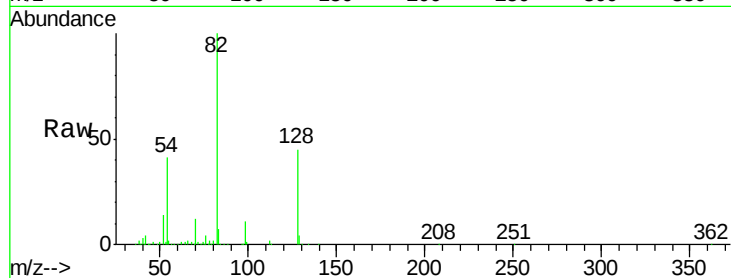




#23
 Nitrobenzene-d5
 Concen: 75.12 ng
 RT: 9.16 min Scan# 1076
 Delta R.T. -0.00 min
 Lab File: BG018668.D
 Acq: 14 Sep 2015 18:59

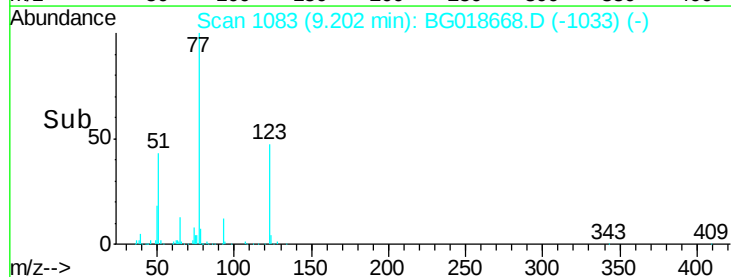
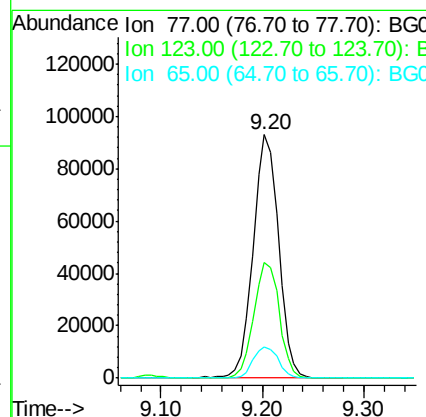
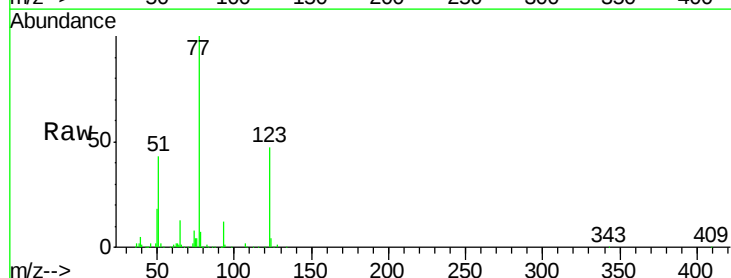
Instrument :
 BNA_G
 ClientSampleId :
 PB85519BSD

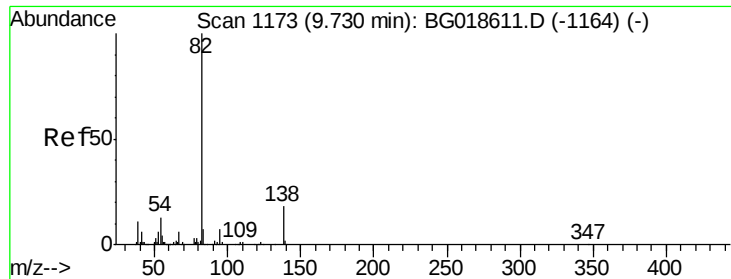
Tot Ion: 82 Resp: 308494
 Ion Ratio Lower Upper
 82 100
 128 44.8 36.7 55.1
 54 40.7 33.8 50.8



#24
 Nitrobenzene
 Concen: 37.25 ng
 RT: 9.20 min Scan# 1083
 Delta R.T. -0.00 min
 Lab File: BG018668.D
 Acq: 14 Sep 2015 18:59

Tgt Ion: 77 Resp: 162431
 Ion Ratio Lower Upper
 77 100
 123 47.4 38.2 57.2
 65 12.7 10.6 16.0





#25

Isophorone

Concen: 35.12 ng

RT: 9.72 min Scan# 1172

Delta R.T. -0.00 min

Lab File: BG018668.D

Acq: 14 Sep 2015 18:59

Instrument :

BNA_G

ClientSampleId :

PB85519BSD

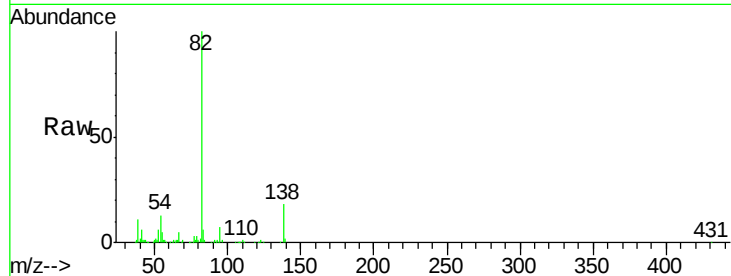
Tot Ion: 82 Resp: 310175

Ion Ratio Lower Upper

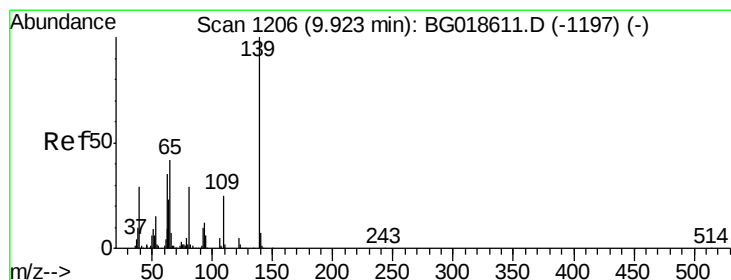
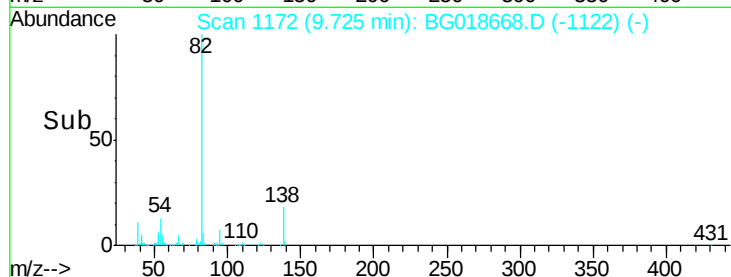
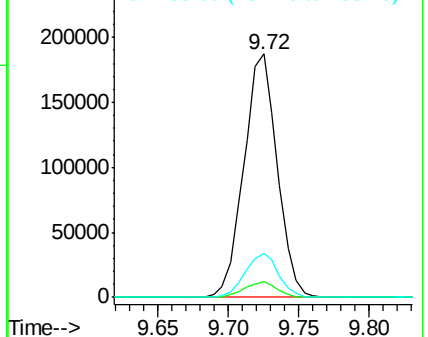
82 100

95 6.6 5.2 7.8

138 18.1 14.4 21.6



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 38.69 ng

RT: 9.92 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BG018668.D

Acq: 14 Sep 2015 18:59

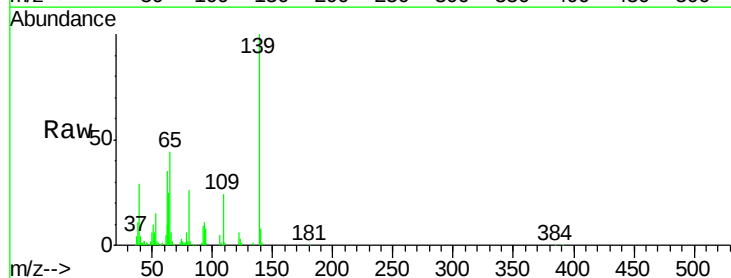
Tgt Ion: 139 Resp: 78722

Ion Ratio Lower Upper

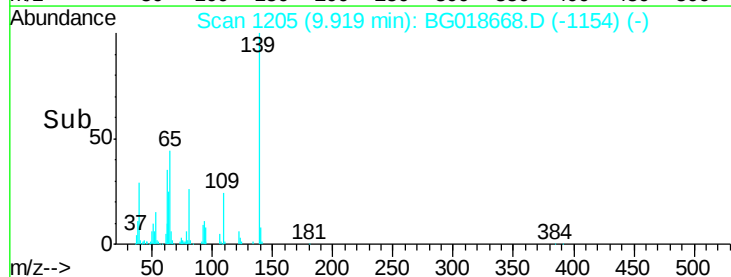
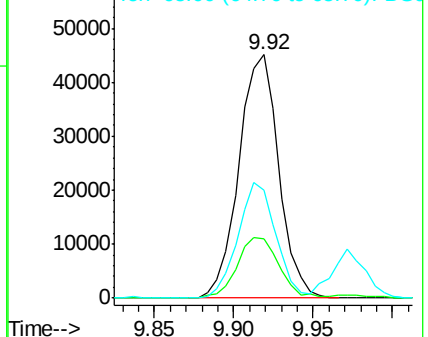
139 100

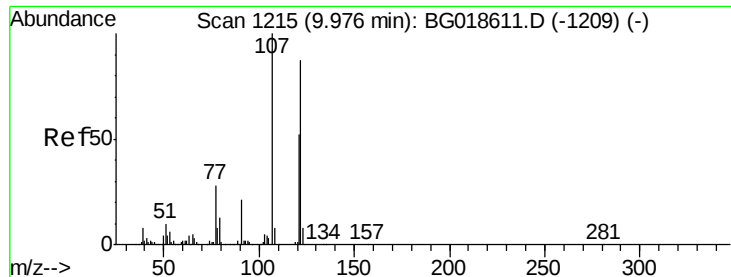
109 24.4 20.1 30.1

65 44.1 34.1 51.1



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





#27

2,4-Dimethylphenol

Concen: 40.26 ng

RT: 9.97 min Scan# 1214

Delta R.T. -0.00 min

Lab File: BG018668.D

Acq: 14 Sep 2015 18:59

Instrument :

BNA_G

ClientSampleId :

PB85519BSD

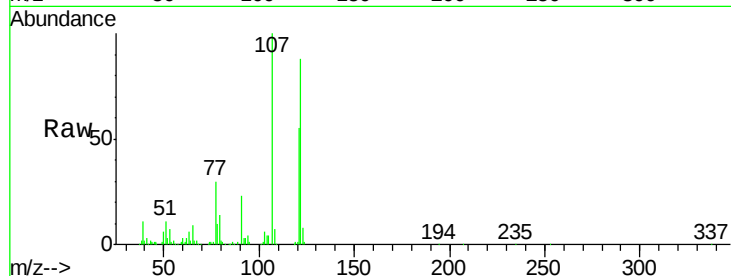
Tot Ion:122 Resp: 148744

Ion Ratio Lower Upper

122 100

107 113.6 91.6 137.4

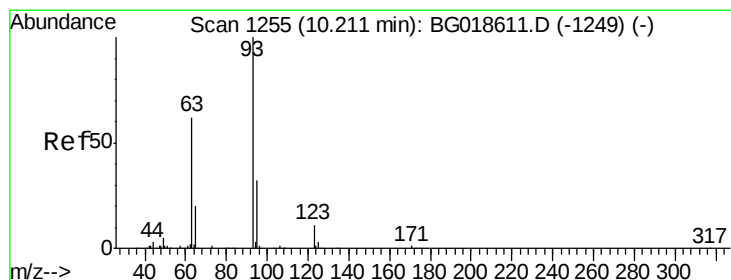
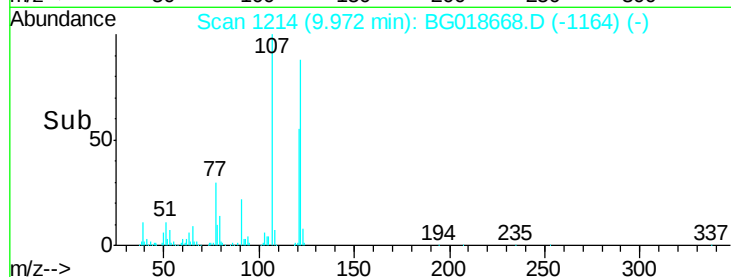
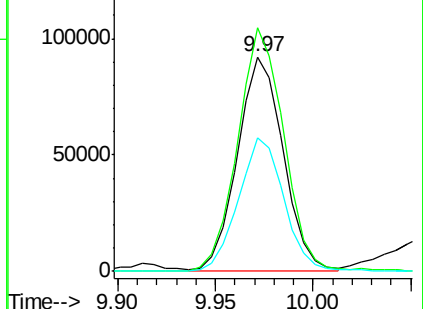
121 62.0 47.3 70.9



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



#28

bis(2-Chloroethoxy)methane

Concen: 37.94 ng

RT: 10.21 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BG018668.D

Acq: 14 Sep 2015 18:59

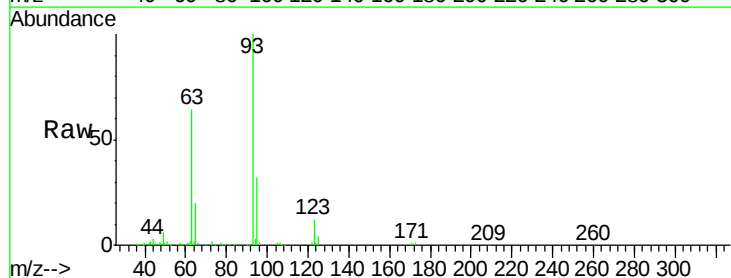
Tgt Ion: 93 Resp: 192408

Ion Ratio Lower Upper

93 100

95 32.3 25.7 38.5

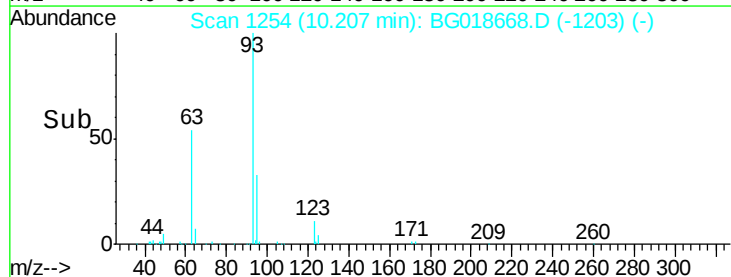
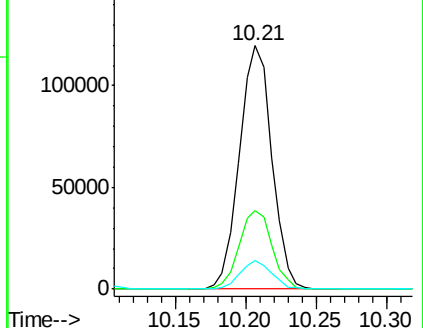
123 11.9 8.6 12.8

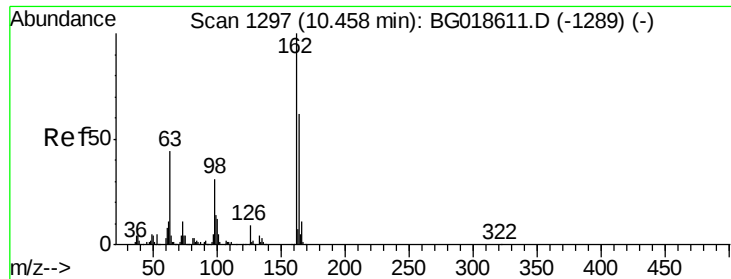


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

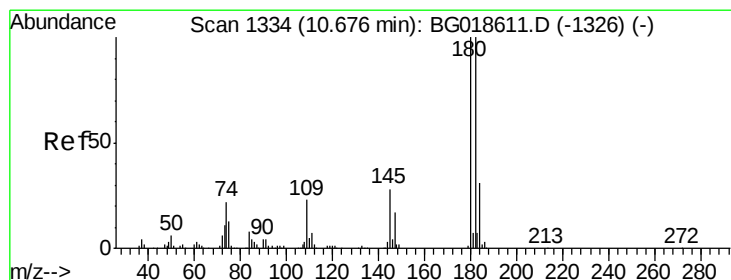
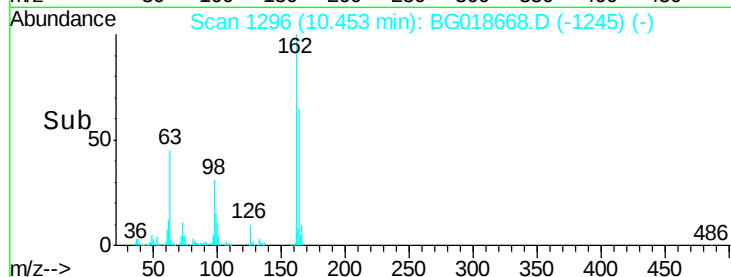
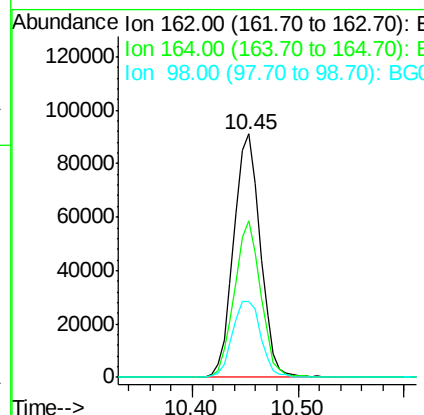
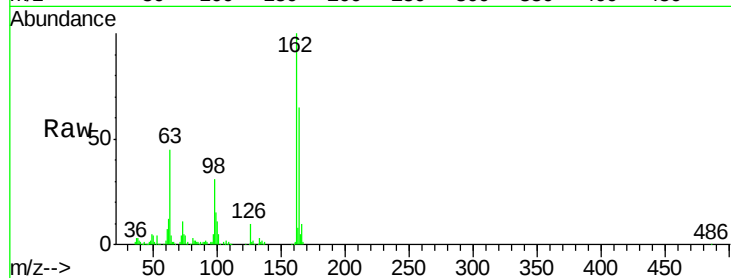




#29
2,4-Dichlorophenol
Concen: 42.49 ng
RT: 10.45 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BG018668.D
Acq: 14 Sep 2015 18:59

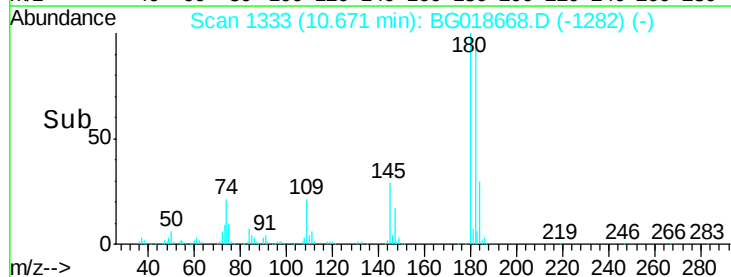
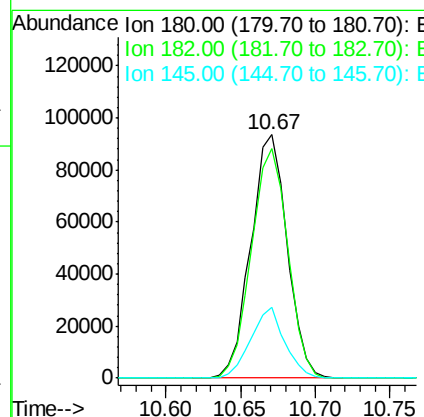
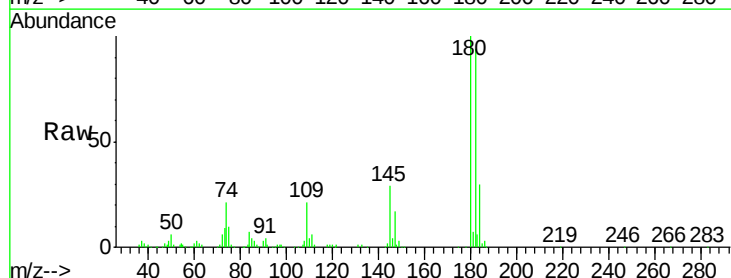
Instrument :
BNA_G
ClientSampleId :
PB85519BSD

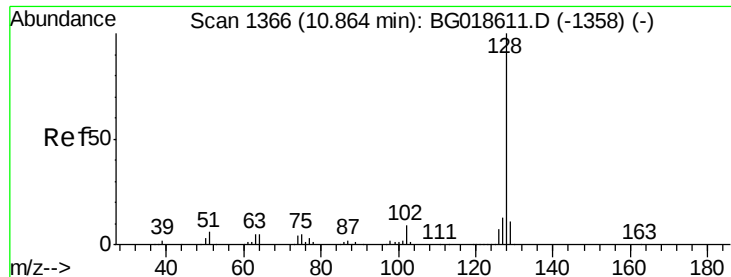
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	42.3	82.3
98	31.2	11.5	51.5



#30
1,2,4-Trichlorobenzene
Concen: 37.93 ng
RT: 10.67 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG018668.D
Acq: 14 Sep 2015 18:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	79.7	119.5
145	29.2	22.0	33.0

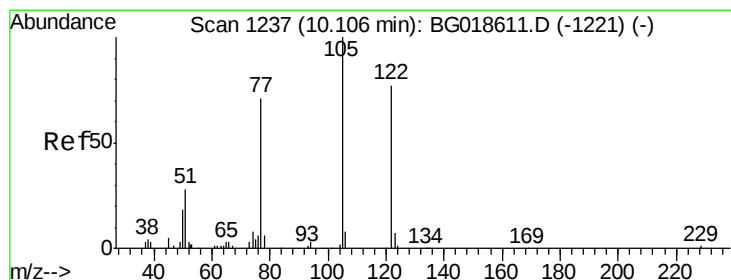
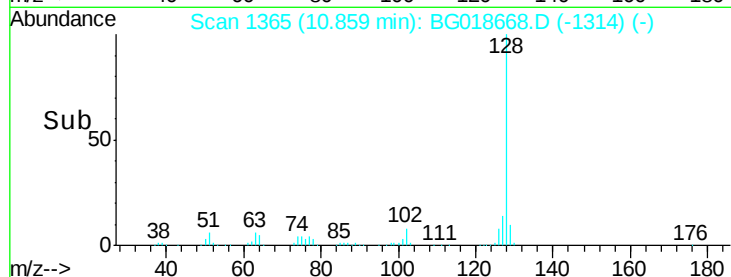
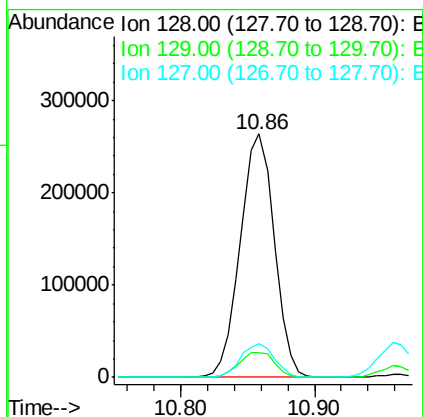
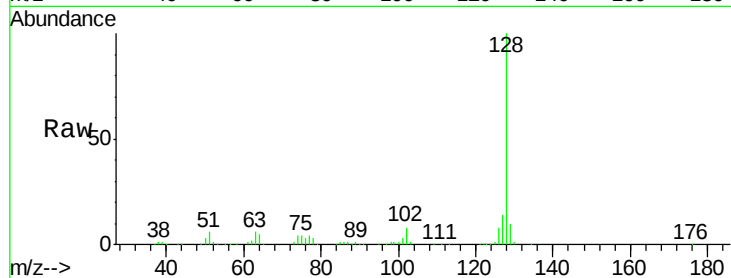




#31
Naphthalene
Concen: 37.88 ng
RT: 10.86 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BG018668.D
Acq: 14 Sep 2015 18:59

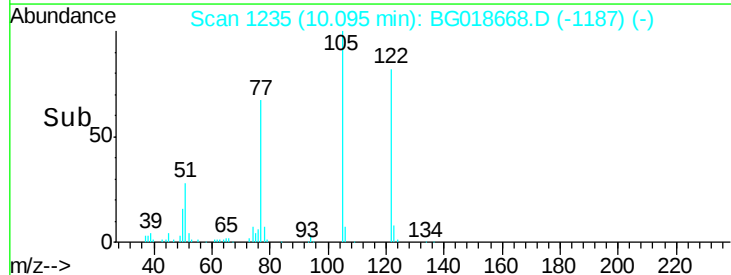
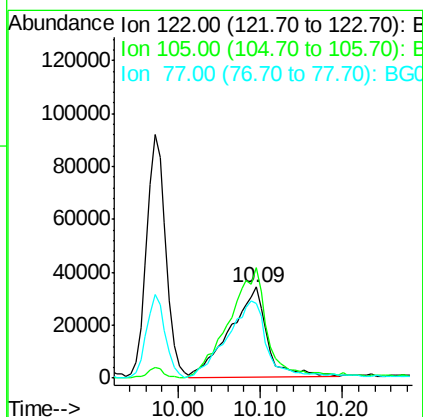
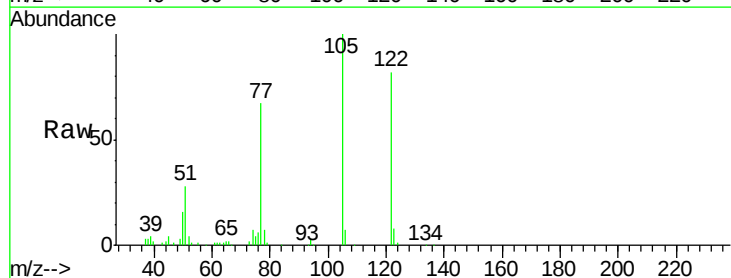
Instrument :
BNA_G
ClientSampleId :
PB85519BSD

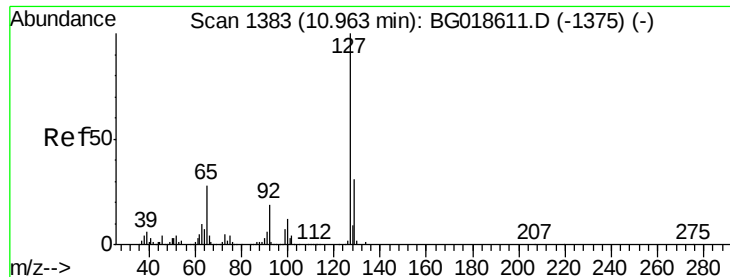
Tot Ion:128 Resp: 466174
Ion Ratio Lower Upper
128 100
129 10.3 8.5 12.7
127 13.8 10.6 16.0



#32
Benzoic acid
Concen: 36.83 ng
RT: 10.09 min Scan# 1235
Delta R.T. -0.02 min
Lab File: BG018668.D
Acq: 14 Sep 2015 18:59

Tgt Ion:122 Resp: 106176
Ion Ratio Lower Upper
122 100
105 121.5 103.8 143.8
77 81.8 68.8 108.8

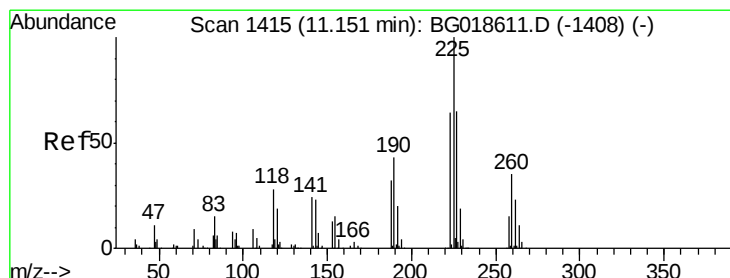
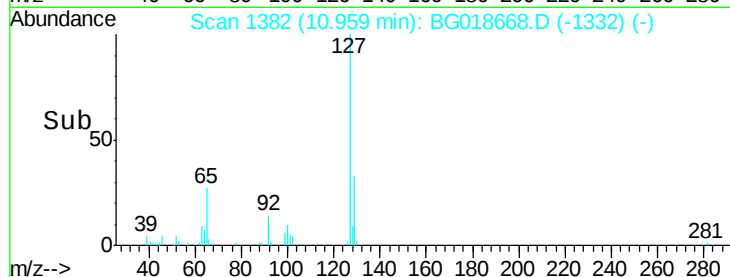
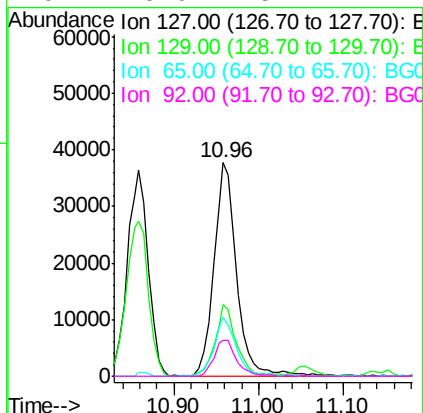
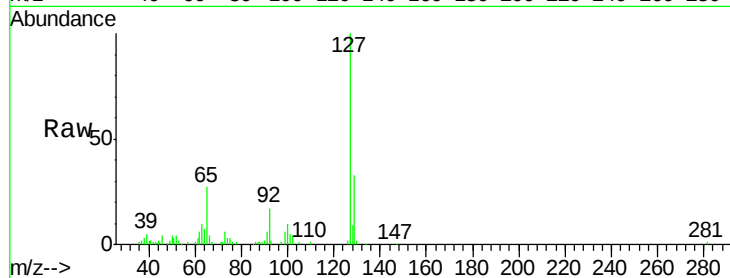




#33
4-Chloroaniline
Concen: 12.79 ng
RT: 10.96 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BG018668.D
Acq: 14 Sep 2015 18:59

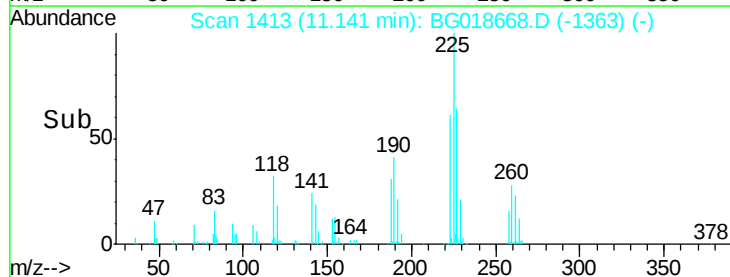
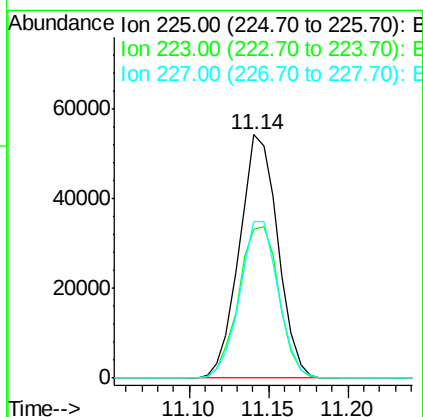
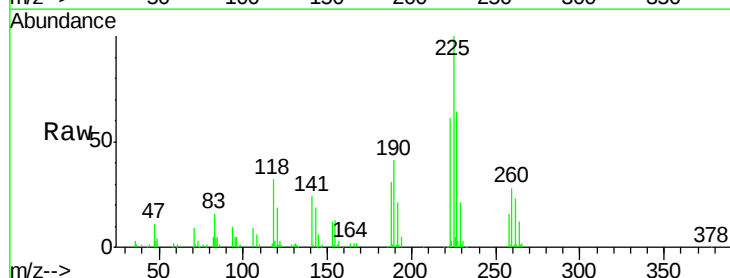
Instrument :
BNA_G
ClientSampleId :
PB85519BSD

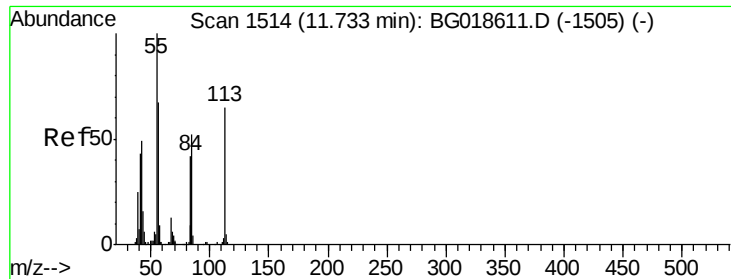
Tot Ion:	127	Resp:	71217
Ion	Ratio	Lower	Upper
127	100		
129	33.5	24.6	37.0
65	27.5	22.6	33.8
92	16.9	15.1	22.7



#34
Hexachlorobutadiene
Concen: 37.37 ng
RT: 11.14 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BG018668.D
Acq: 14 Sep 2015 18:59

Tgt Ion:	225	Resp:	91165
Ion	Ratio	Lower	Upper
225	100		
223	64.3	51.0	76.4
227	64.2	51.8	77.8





#35

Caprolactam

Concen: 25.08 ng

RT: 11.72 min Scan# 1512

Delta R.T. -0.02 min

Lab File: BG018668.D

Acq: 14 Sep 2015 18:59

Instrument :

BNA_G

ClientSampleId :

PB85519BSD

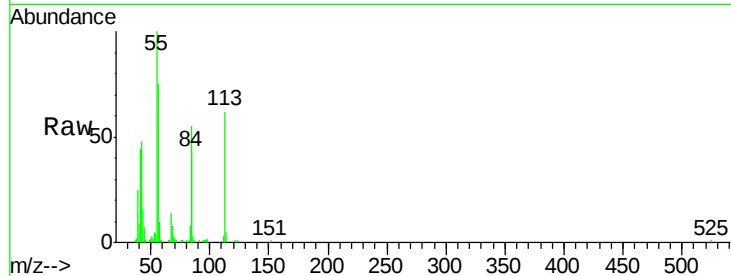
Tot Ion:113 Resp: 40255

Ion Ratio Lower Upper

113 100

55 162.1 135.0 175.0

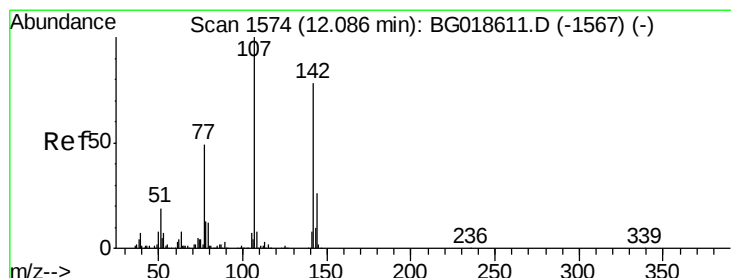
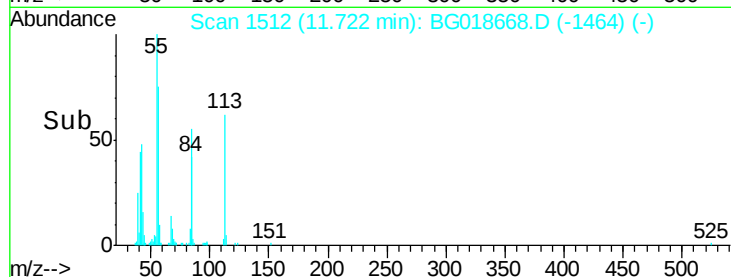
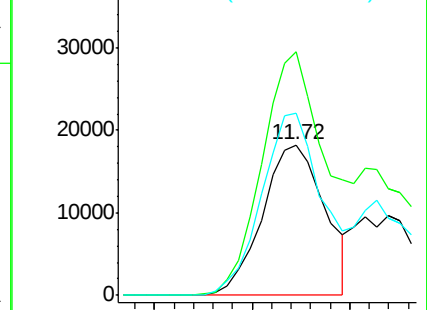
56 121.7 83.4 123.4



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: 42.85 ng

RT: 12.08 min Scan# 1573

Delta R.T. 0.00 min

Lab File: BG018668.D

Acq: 14 Sep 2015 18:59

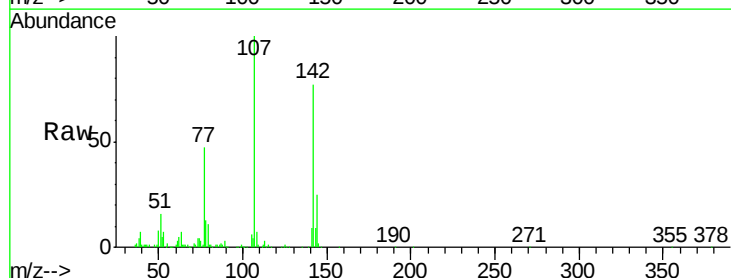
Tgt Ion:107 Resp: 178478

Ion Ratio Lower Upper

107 100

144 25.3 20.6 31.0

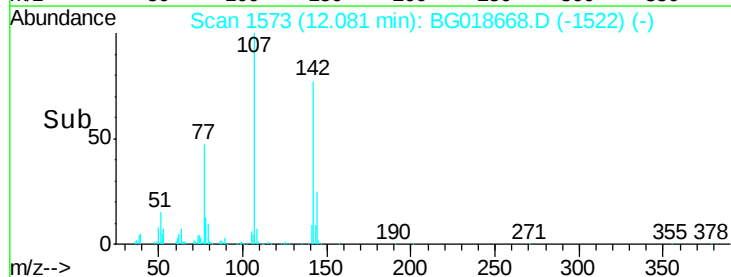
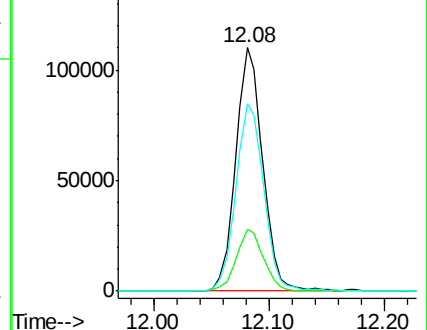
142 76.9 62.6 93.8

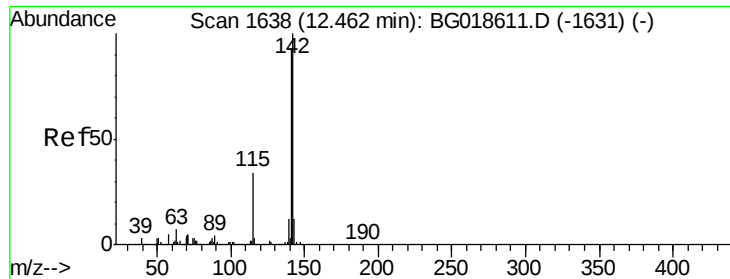


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.69 ng

RT: 12.46 min Scan# 1637

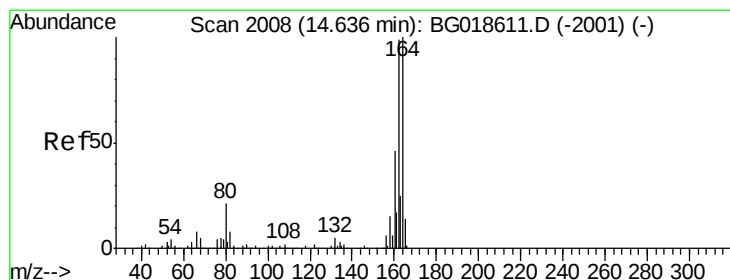
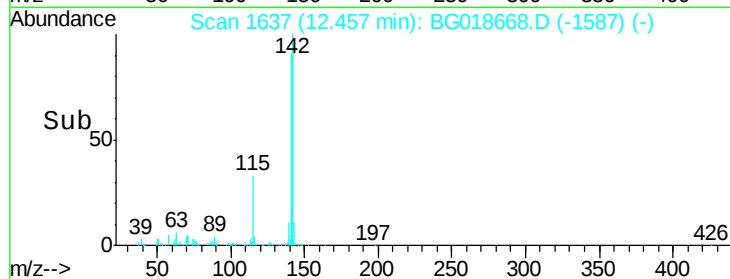
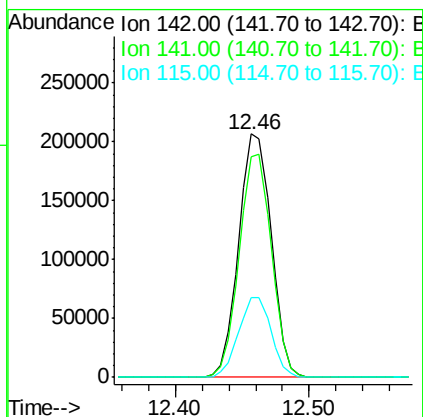
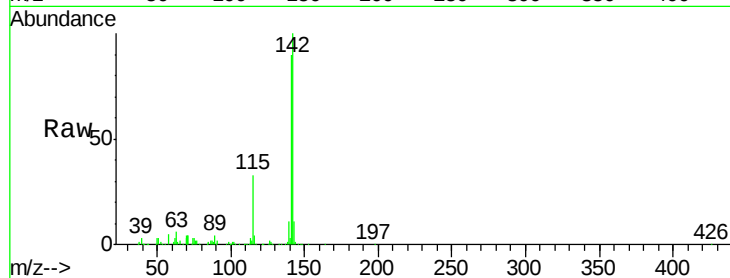
Delta R.T. -0.00 min

Lab File: BG018668.D

Acq: 14 Sep 2015 18:59

Instrument :
BNA_G
ClientSampleId :
PB85519BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	74.6	112.0
115	32.6	27.4	41.0



#38

Acenaphthene-d10

Concen: 20.00 ng

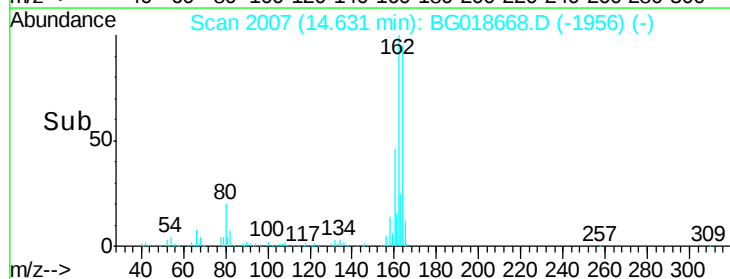
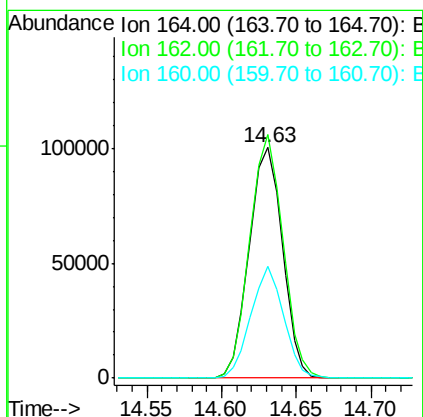
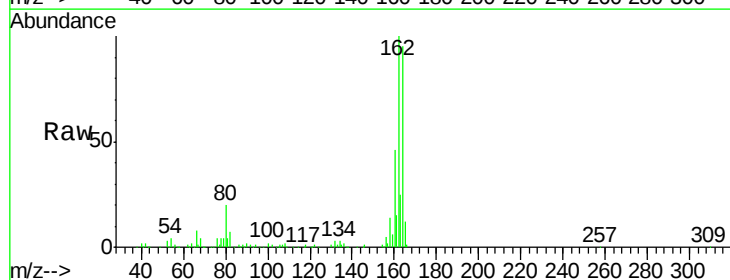
RT: 14.63 min Scan# 2007

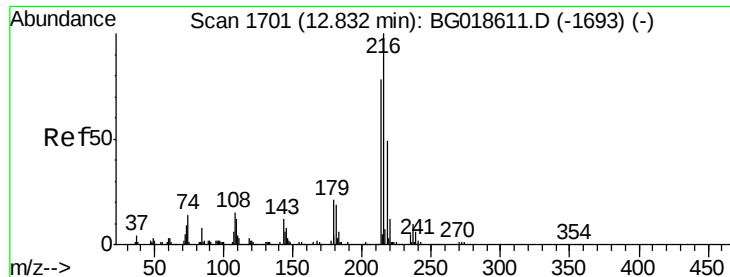
Delta R.T. 0.00 min

Lab File: BG018668.D

Acq: 14 Sep 2015 18:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.6	78.8	118.2
160	48.5	36.4	54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.95 ng

RT: 12.83 min Scan# 1700

Delta R.T. 0.00 min

Lab File: BG018668.D

Acq: 14 Sep 2015 18:59

Instrument :

BNA_G

ClientSampleId :

PB85519BSD

Tot Ion:216 Resp: 181959

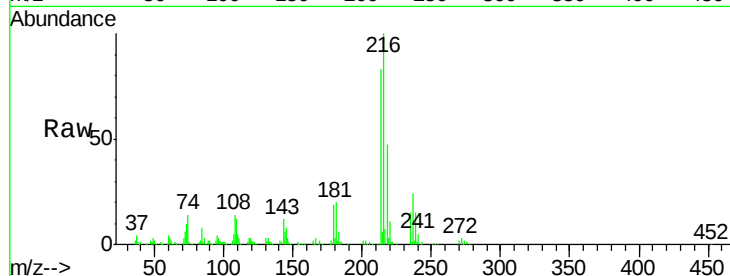
Ion Ratio Lower Upper

216 100

214 80.7 62.5 93.7

179 20.4 15.6 23.4

108 18.3 13.3 19.9

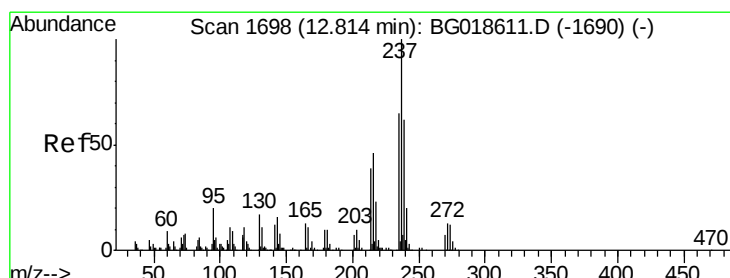
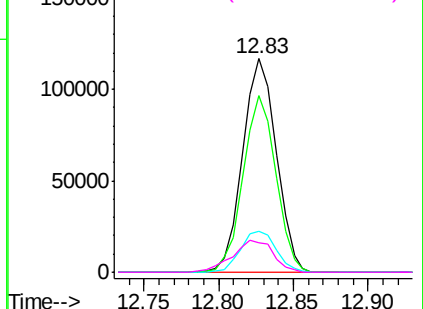
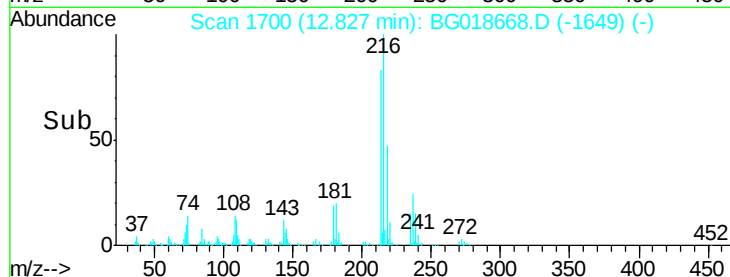


Abundance Ion 216.00 (215.70 to 216.70): E

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: 86.98 ng

RT: 12.81 min Scan# 1697

Delta R.T. 0.00 min

Lab File: BG018668.D

Acq: 14 Sep 2015 18:59

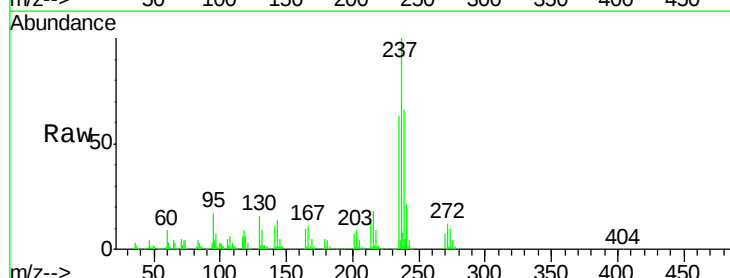
Tgt Ion:237 Resp: 215120

Ion Ratio Lower Upper

237 100

235 63.4 44.6 84.6

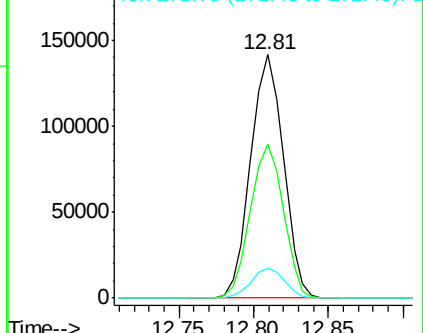
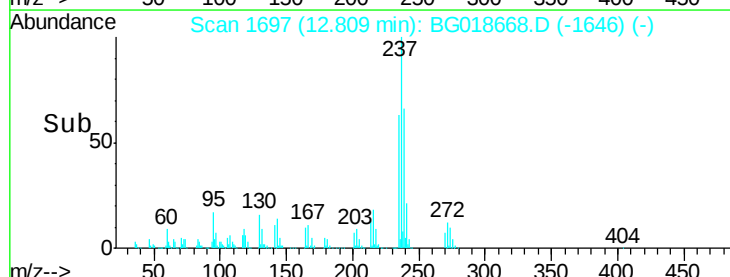
272 12.2 0.0 32.8

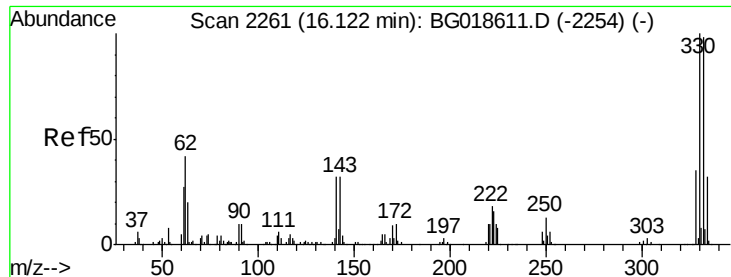


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 86.35 ng

RT: 16.12 min Scan# 2260

Delta R.T. 0.00 min

Lab File: BG018668.D

Acq: 14 Sep 2015 18:59

Instrument :

BNA_G

ClientSampleId :

PB85519BSD

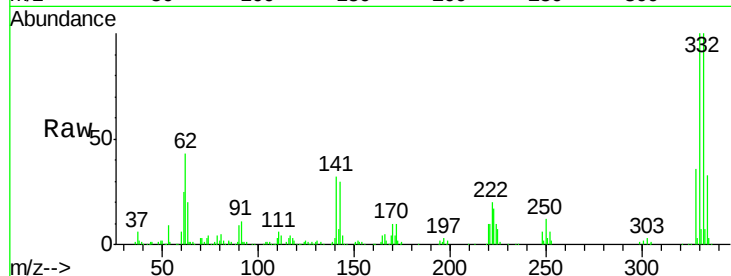
Tot Ion:330 Resp: 180529

Ion Ratio Lower Upper

330 100

332 98.2 78.1 117.1

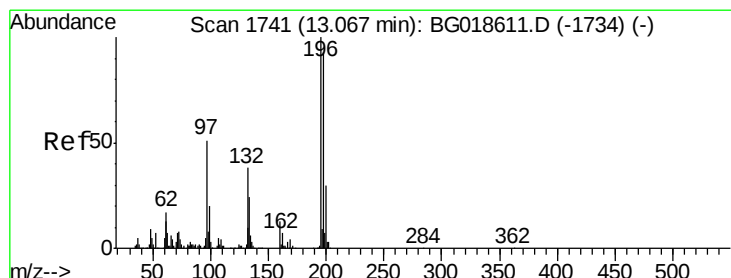
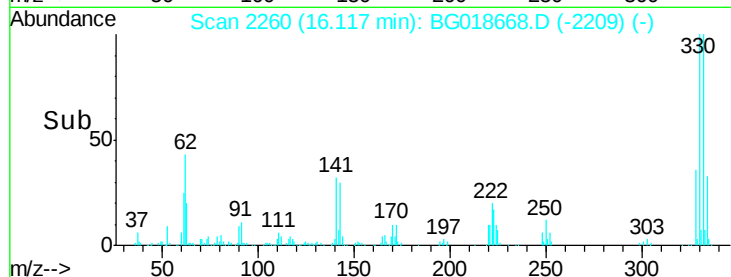
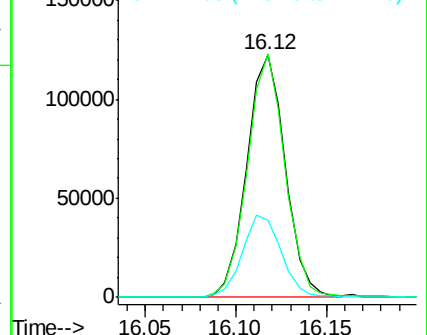
141 34.7 28.2 42.2



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: 39.62 ng

RT: 13.07 min Scan# 1741

Delta R.T. 0.01 min

Lab File: BG018668.D

Acq: 14 Sep 2015 18:59

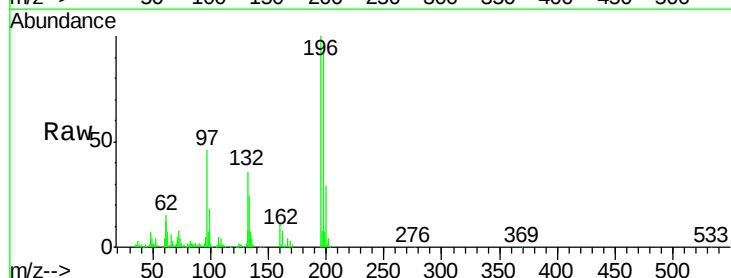
Tgt Ion:196 Resp: 135108

Ion Ratio Lower Upper

196 100

198 91.8 74.7 112.1

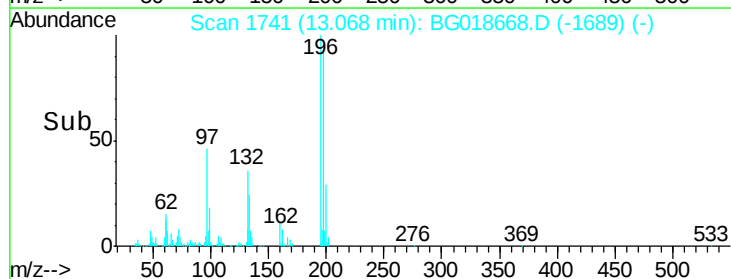
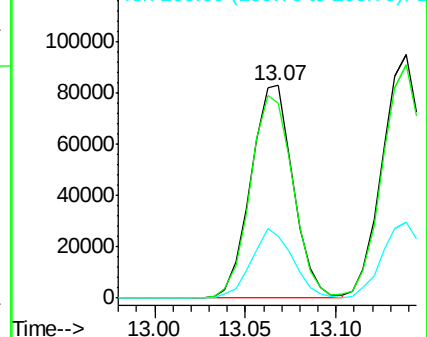
200 29.2 24.1 36.1

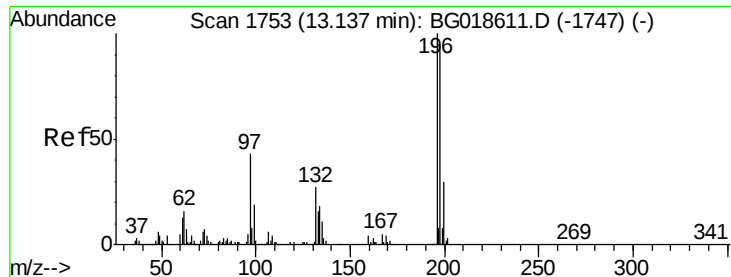


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

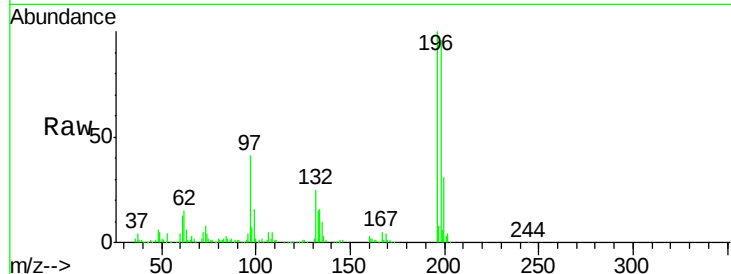




#43
2,4,5-Trichlorophenol
Concen: 40.82 ng
RT: 13.14 min Scan# 1753
Delta R.T. 0.00 min
Lab File: BG018668.D
Acq: 14 Sep 2015 18:59

Instrument :
BNA_G
ClientSampleId :
PB85519BSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.6	75.2	112.8
97	41.2	34.2	51.2
132	24.7	21.8	32.6



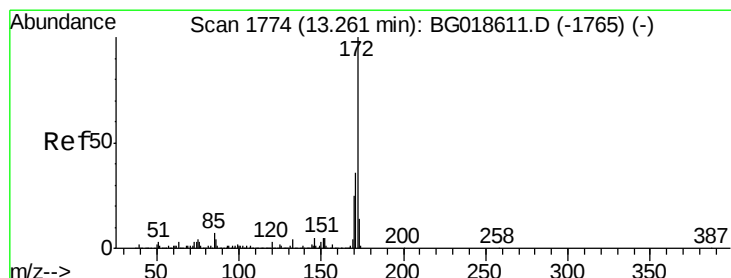
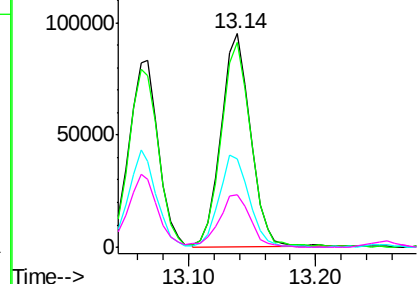
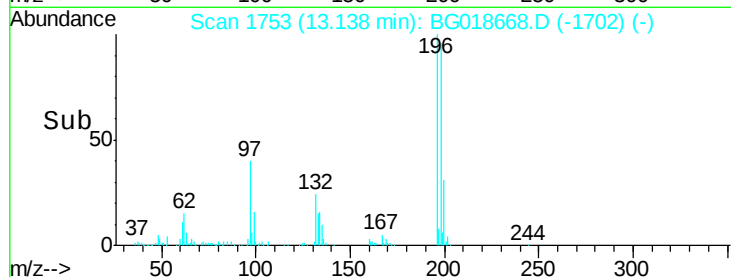
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

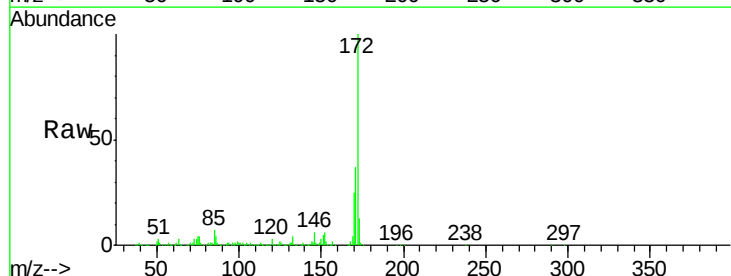
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 73.68 ng
RT: 13.26 min Scan# 1773
Delta R.T. 0.00 min
Lab File: BG018668.D
Acq: 14 Sep 2015 18:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.0	43.6
170	24.8	19.9	29.9

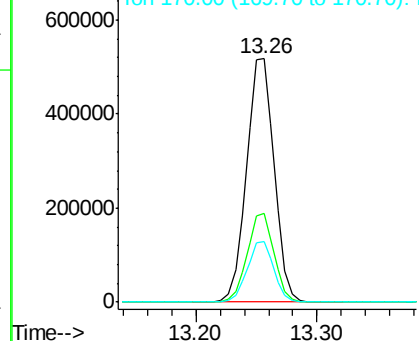
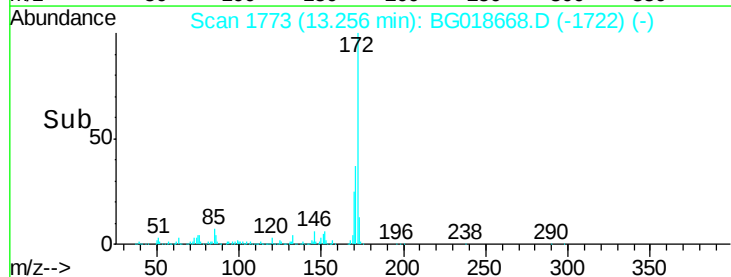


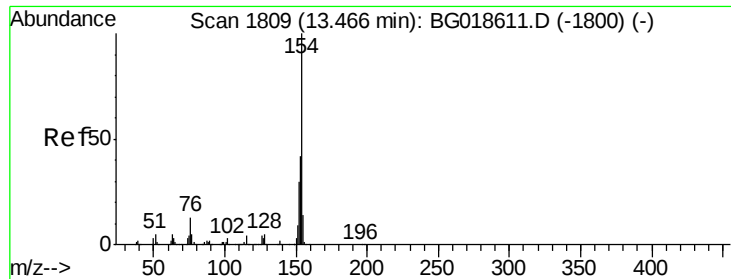
Abundance

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: 37.69 ng

RT: 13.46 min Scan# 1808

Delta R.T. -0.00 min

Lab File: BG018668.D

Acq: 14 Sep 2015 18:59

Instrument :

BNA_G

ClientSampleId :

PB85519BSD

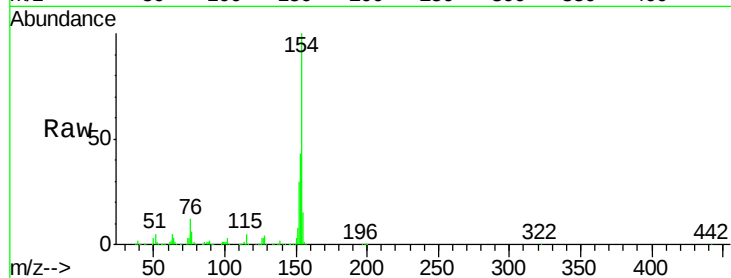
Tot Ion:154 Resp: 465404

Ion Ratio Lower Upper

154 100

153 42.9 21.9 61.9

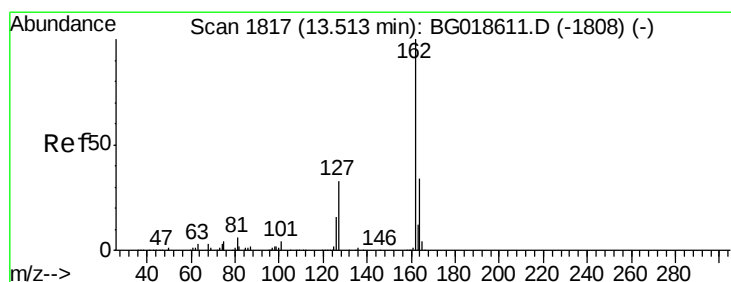
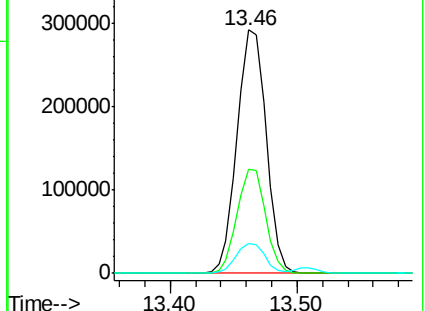
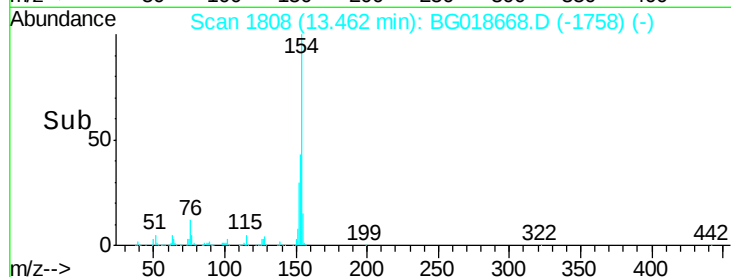
76 12.5 0.0 33.2



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): BGC



#46

2-Chloronaphthalene

Concen: 38.20 ng

RT: 13.51 min Scan# 1816

Delta R.T. 0.00 min

Lab File: BG018668.D

Acq: 14 Sep 2015 18:59

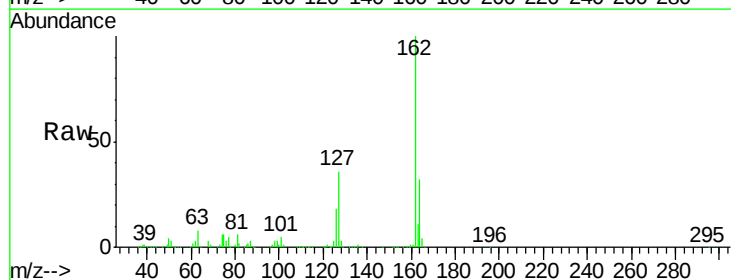
Tgt Ion:162 Resp: 363336

Ion Ratio Lower Upper

162 100

127 35.7 28.3 42.5

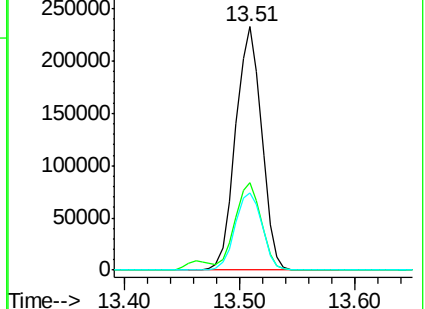
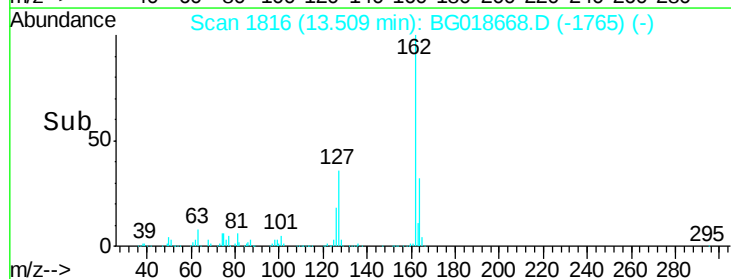
164 31.6 27.4 41.0

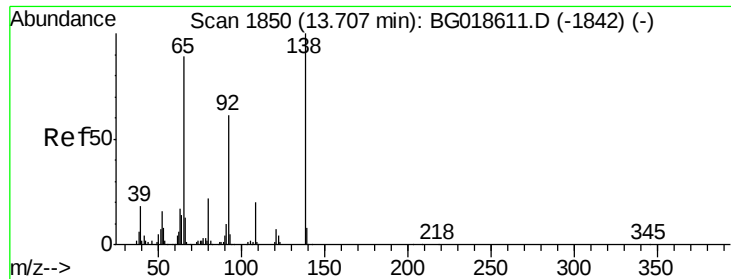


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

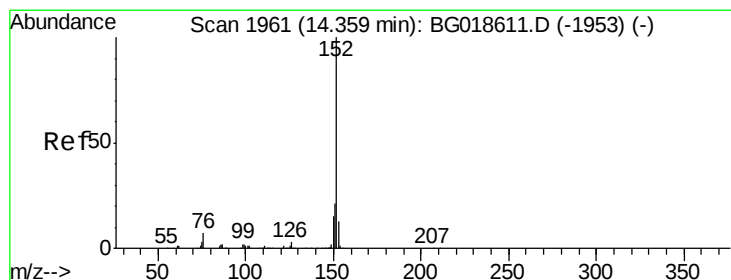
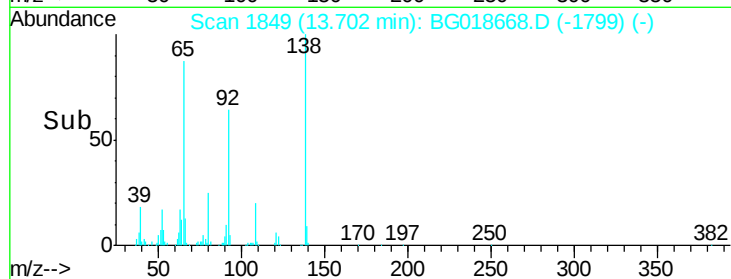
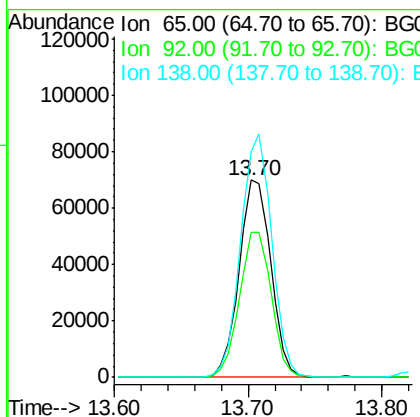
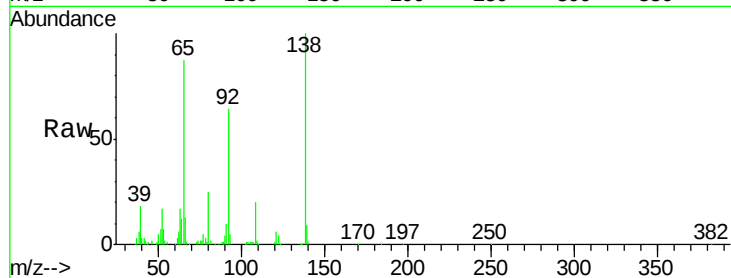




#47
2-Nitroaniline
Concen: 40.27 ng
RT: 13.70 min Scan# 1849
Delta R.T. -0.00 min
Lab File: BG018668.D
Acq: 14 Sep 2015 18:59

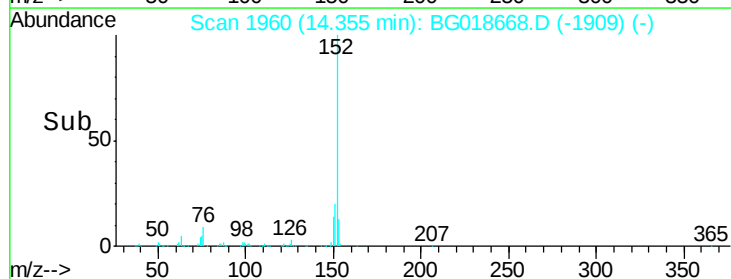
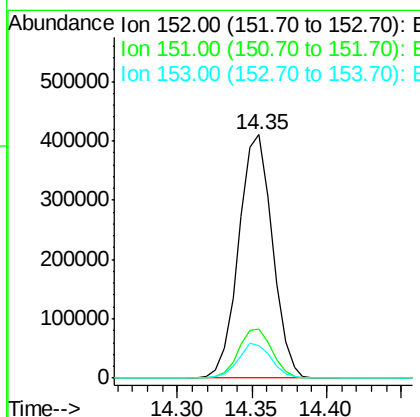
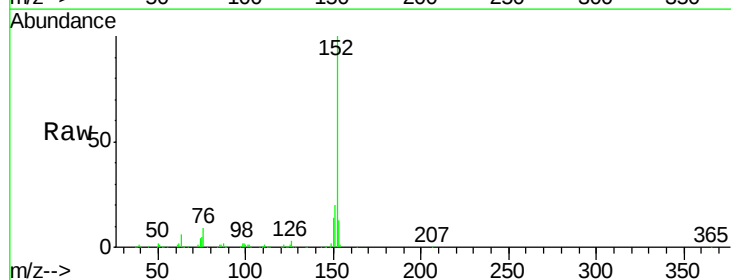
Instrument :
BNA_G
ClientSampleId :
PB85519BSD

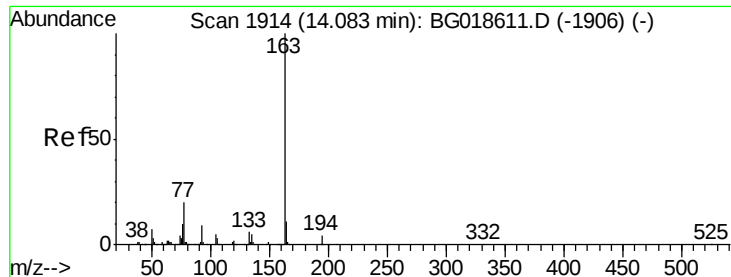
Tot Ion	Ratio	Lower	Upper
65	100		
92	73.7	54.8	82.2
138	114.4	89.6	134.4



#48
Acenaphthylene
Concen: 38.28 ng
RT: 14.35 min Scan# 1960
Delta R.T. 0.00 min
Lab File: BG018668.D
Acq: 14 Sep 2015 18:59

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	17.0	25.4
153	13.5	10.4	15.6





#49

Dimethylphthalate

Concen: 39.00 ng

RT: 14.08 min Scan# 1913

Delta R.T. -0.00 min

Lab File: BG018668.D

Acq: 14 Sep 2015 18:59

Instrument :

BNA_G

ClientSampleId :

PB85519BSD

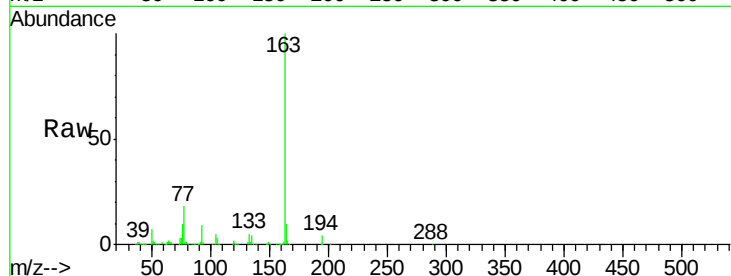
Tot Ion:163 Resp: 501470

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

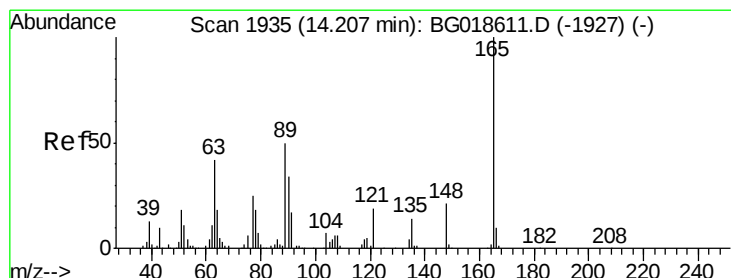
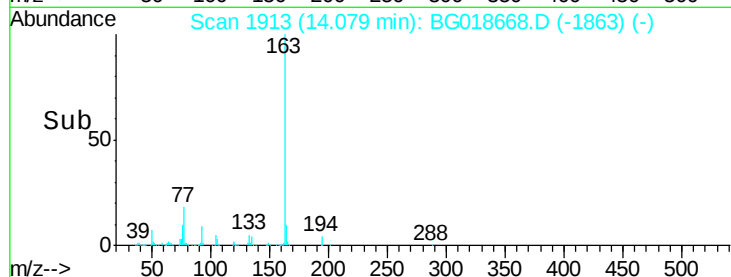
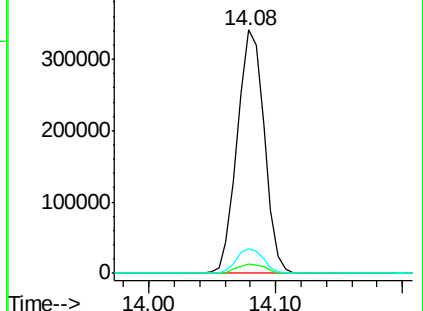
164 10.3 8.8 13.2



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: 41.11 ng

RT: 14.20 min Scan# 1934

Delta R.T. 0.00 min

Lab File: BG018668.D

Acq: 14 Sep 2015 18:59

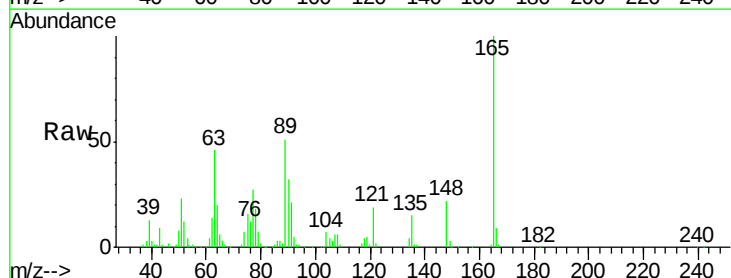
Tgt Ion:165 Resp: 114840

Ion Ratio Lower Upper

165 100

63 45.7 35.7 53.5

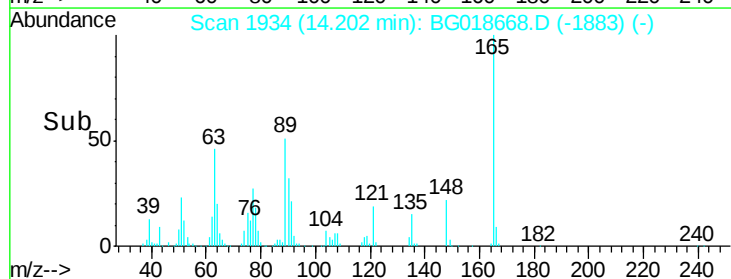
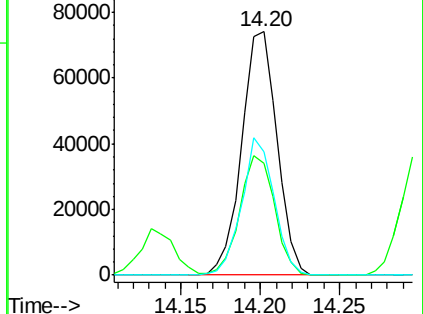
89 50.5 39.7 59.5

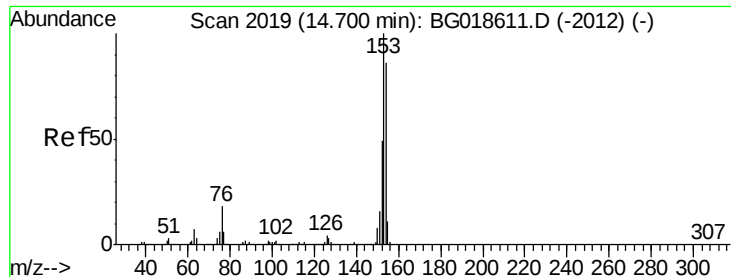


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 38.34 ng

RT: 14.70 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BG018668.D

Acq: 14 Sep 2015 18:59

Instrument :

BNA_G

ClientSampleId :

PB85519BSD

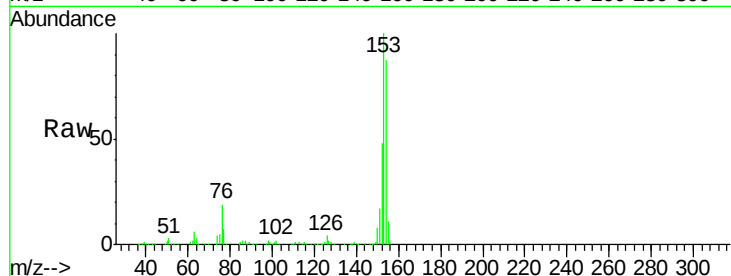
Tot Ion:154 Resp: 375083

Ion Ratio Lower Upper

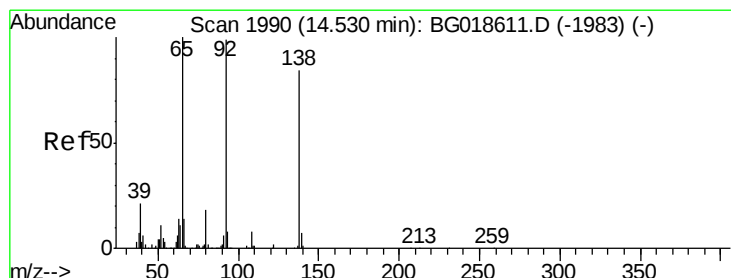
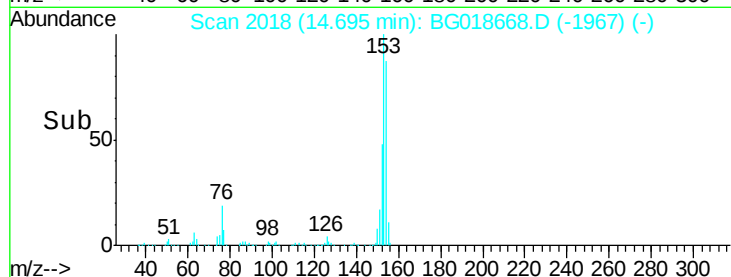
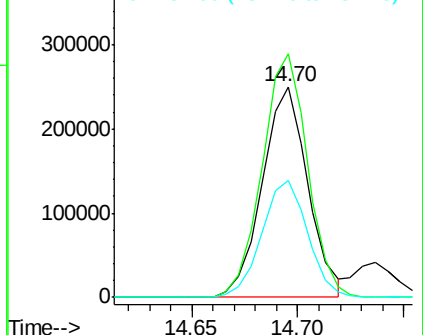
154 100

153 115.4 92.9 139.3

152 55.7 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: 20.05 ng

RT: 14.53 min Scan# 1989

Delta R.T. -0.00 min

Lab File: BG018668.D

Acq: 14 Sep 2015 18:59

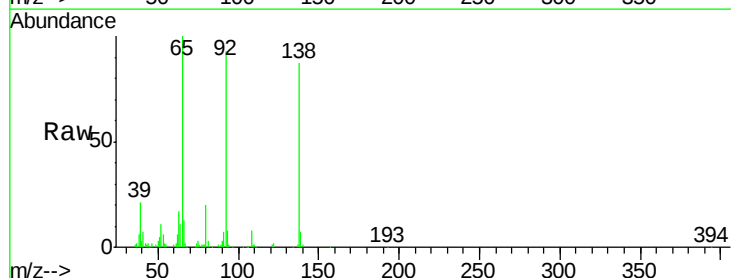
Tgt Ion:138 Resp: 66936

Ion Ratio Lower Upper

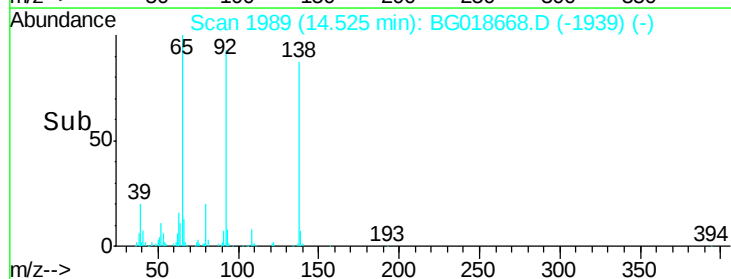
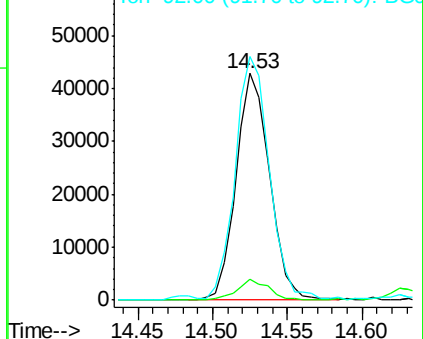
138 100

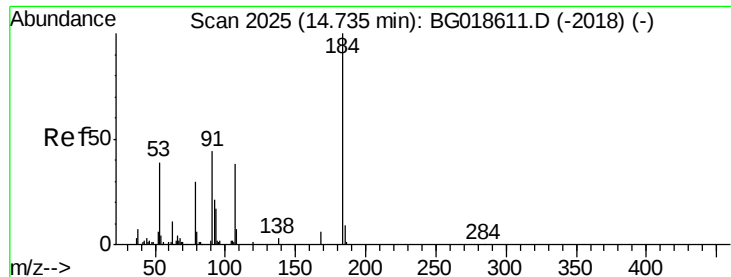
108 9.3 7.9 11.9

92 107.5 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): BGO

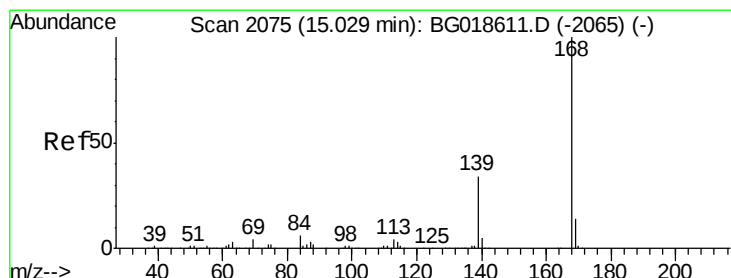
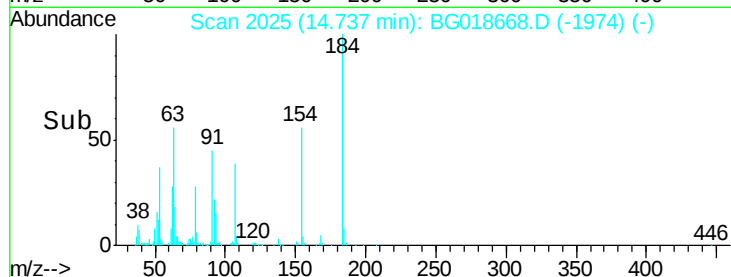
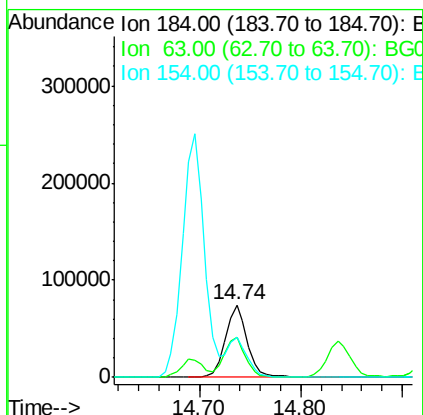
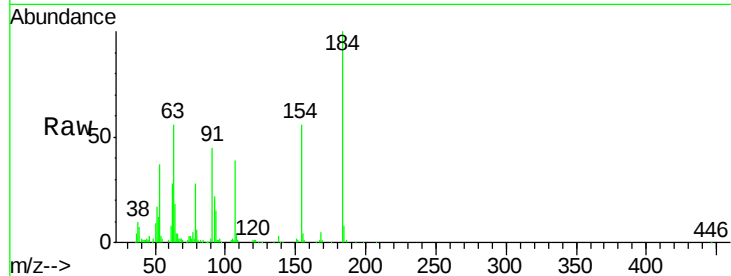




#53
2,4-Dinitrophenol
Concen: 79.32 ng
RT: 14.74 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BG018668.D
Acq: 14 Sep 2015 18:59

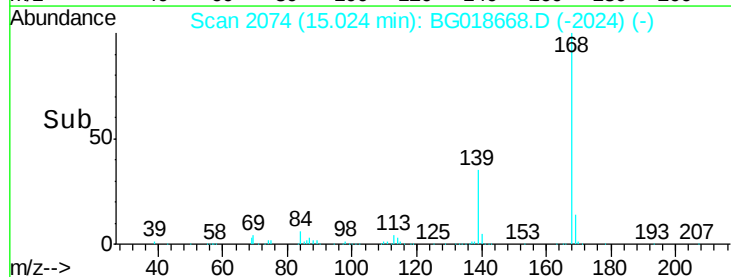
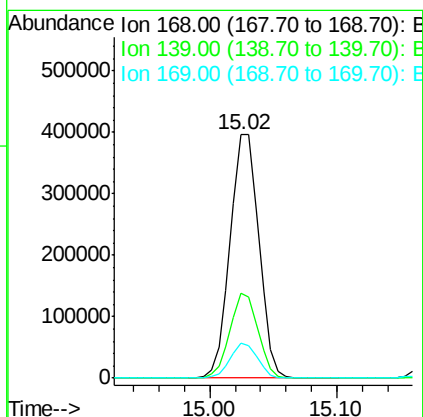
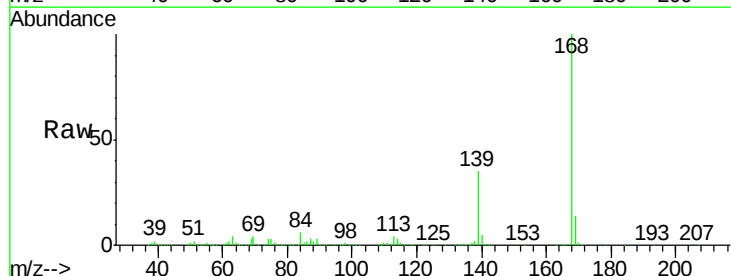
Instrument :
BNA_G
ClientSampleId :
PB85519BSD

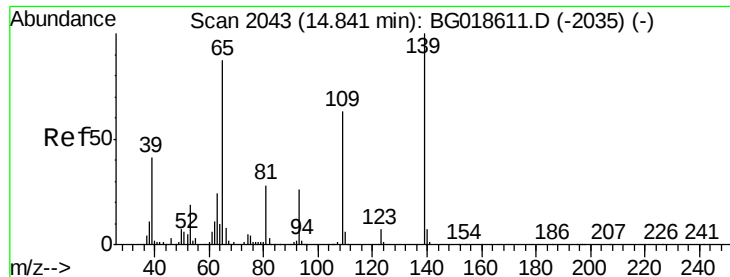
Tot Ion:184 Resp: 112042
Ion Ratio Lower Upper
184 100
63 56.1 42.7 64.1
154 55.8 44.3 66.5



#54
Dibenzofuran
Concen: 40.87 ng
RT: 15.02 min Scan# 2074
Delta R.T. -0.00 min
Lab File: BG018668.D
Acq: 14 Sep 2015 18:59

Tgt Ion:168 Resp: 621322
Ion Ratio Lower Upper
168 100
139 35.1 27.4 41.0
169 14.2 11.0 16.4

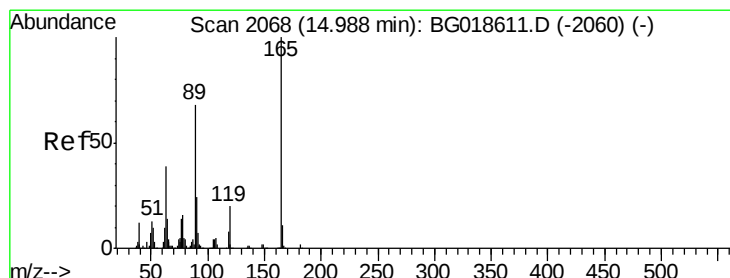
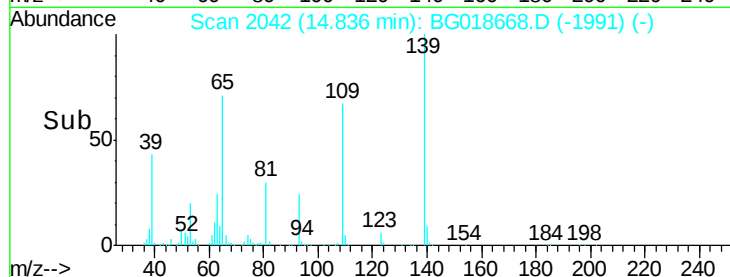
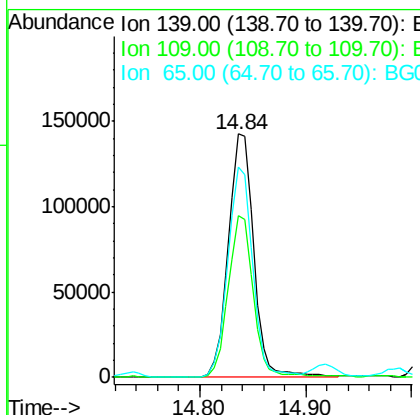
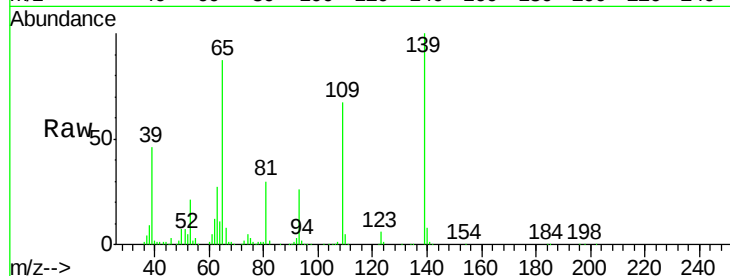




#55
4-Nitrophenol
Concen: 92.18 ng
RT: 14.84 min Scan# 2042
Delta R.T. 0.00 min
Lab File: BG018668.D
Acq: 14 Sep 2015 18:59

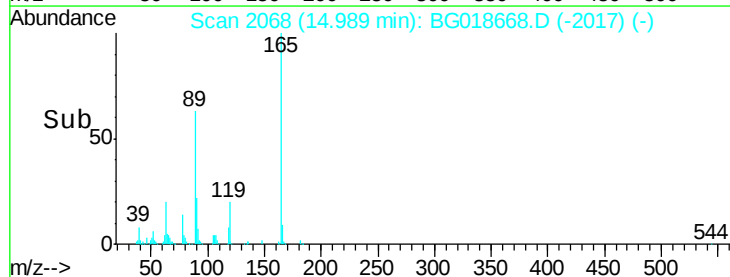
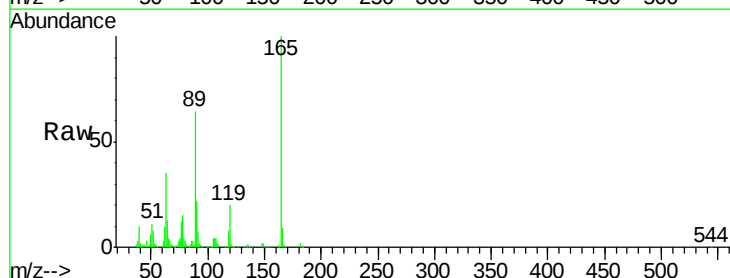
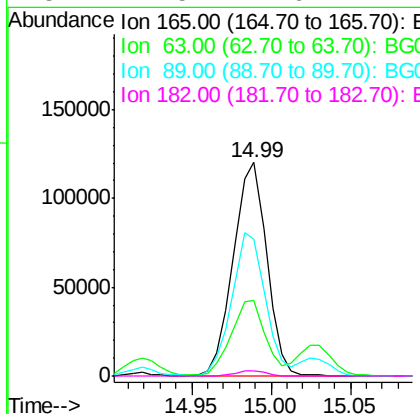
Instrument :
BNA_G
ClientSampleId :
PB85519BSD

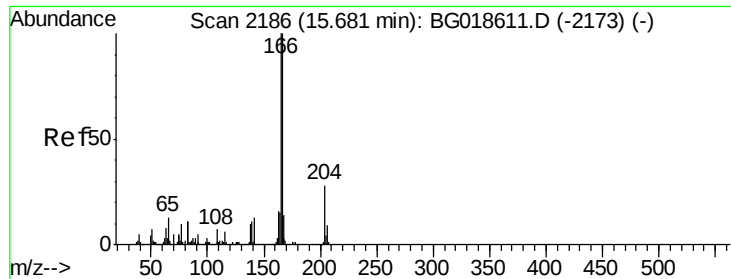
Tot Ion	Ratio	Lower	Upper
139	100		
109	66.5	43.2	83.2
65	86.5	67.8	107.8



#56
2,4-Dinitrotoluene
Concen: 44.37 ng
RT: 14.99 min Scan# 2068
Delta R.T. 0.00 min
Lab File: BG018668.D
Acq: 14 Sep 2015 18:59

Tgt Ion	Ratio	Lower	Upper
165	100		
63	35.1	31.0	46.4
89	64.2	54.4	81.6
182	2.5	1.6	2.4#





#57

Fluorene

Concen: 40.54 ng

RT: 15.68 min Scan# 2185

Delta R.T. 0.00 min

Lab File: BG018668.D

Acq: 14 Sep 2015 18:59

Instrument :

BNA_G

ClientSampleId :

PB85519BSD

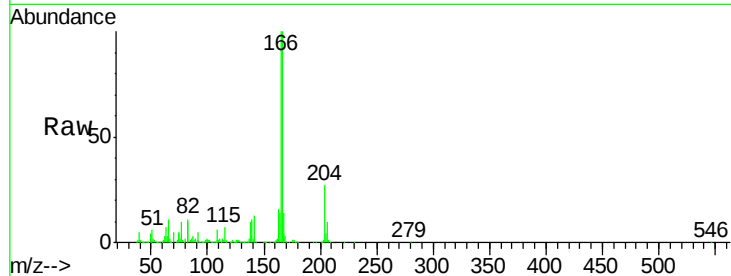
Tot Ion:166 Resp: 530635

Ion Ratio Lower Upper

166 100

165 99.6 80.0 120.0

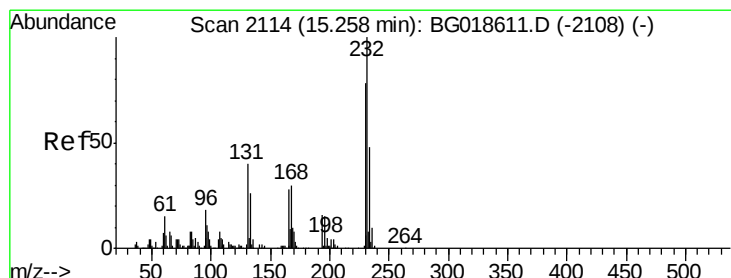
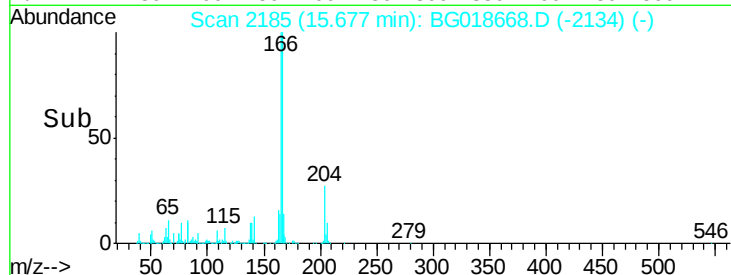
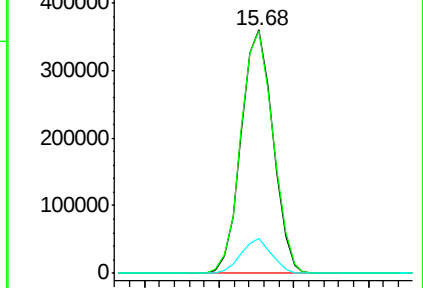
167 14.1 11.1 16.7



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: 42.65 ng

RT: 15.25 min Scan# 2113

Delta R.T. 0.00 min

Lab File: BG018668.D

Acq: 14 Sep 2015 18:59

Tgt Ion:232 Resp: 149629

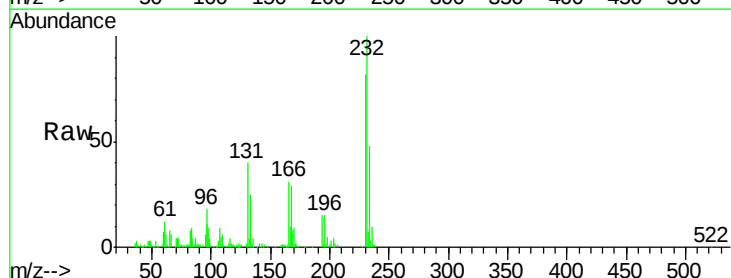
Ion Ratio Lower Upper

232 100

131 39.0 33.0 49.6

130 2.3 2.0 3.0

166 29.4 24.1 36.1

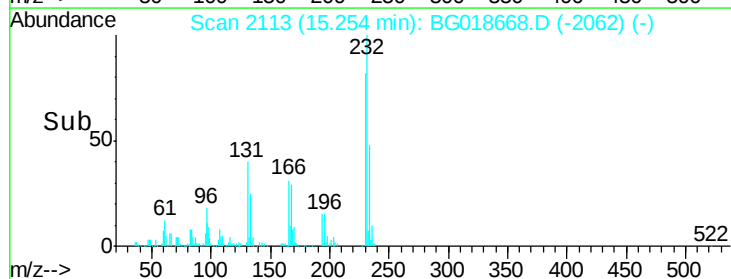
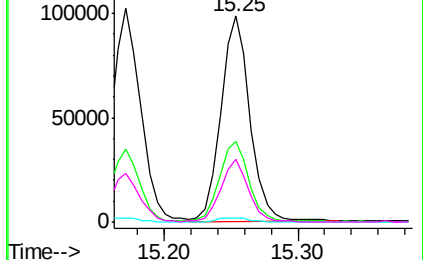


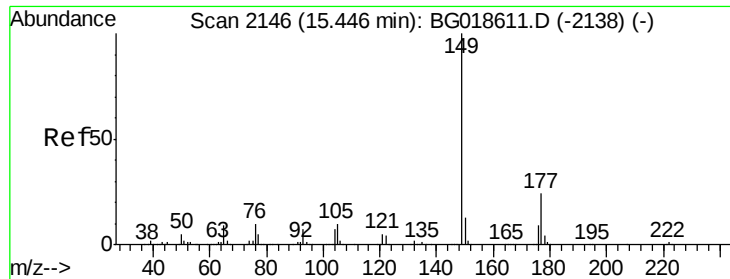
Abundance Ion 232.00 (231.70 to 232.70): E

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

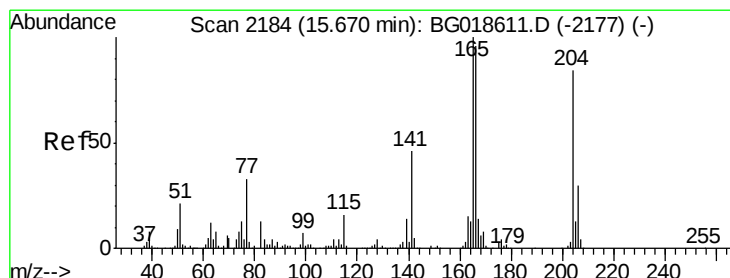
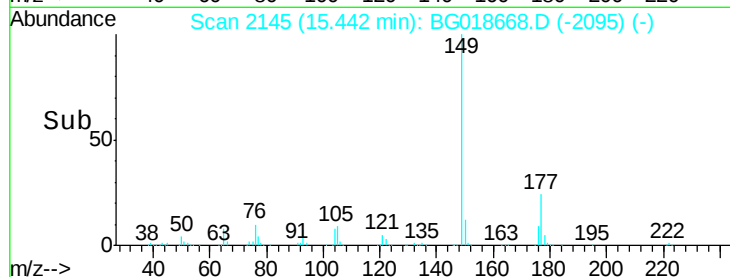
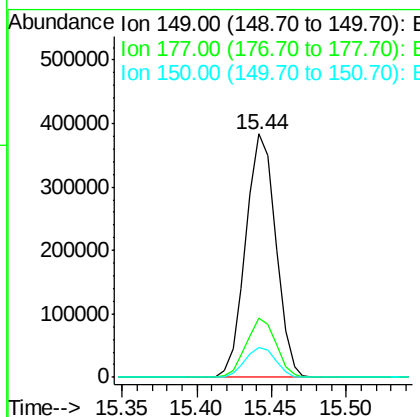
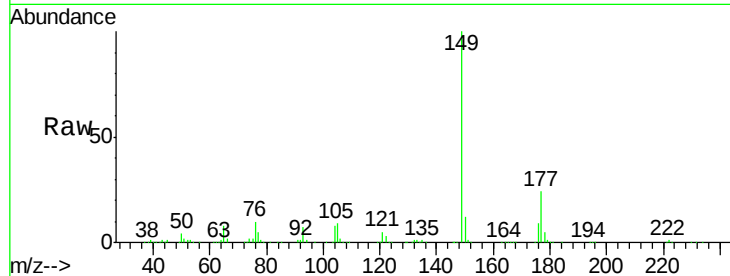




#59
Diethylphthalate
Concen: 39.80 ng
RT: 15.44 min Scan# 2145
Delta R.T. -0.00 min
Lab File: BG018668.D
Acq: 14 Sep 2015 18:59

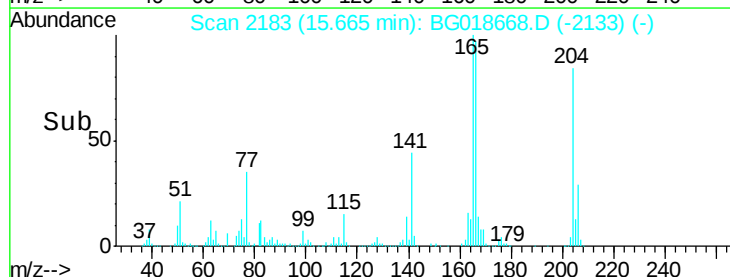
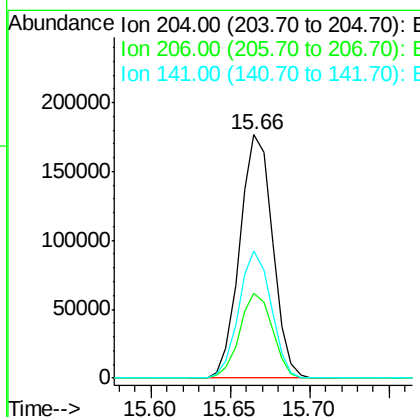
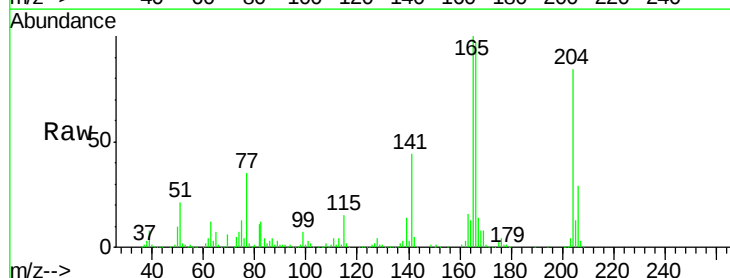
Instrument :
BNA_G
ClientSampleId :
PB85519BSD

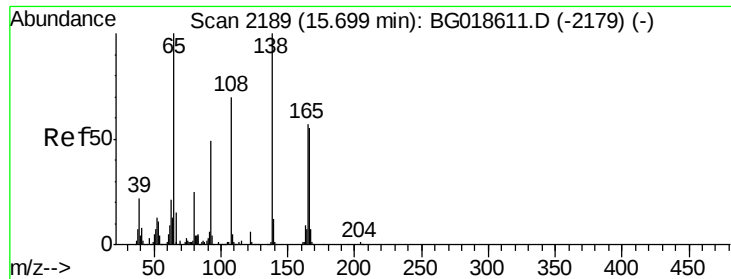
Tot Ion:149 Resp: 533744
Ion Ratio Lower Upper
149 100
177 24.3 19.6 29.4
150 12.4 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 40.31 ng
RT: 15.66 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BG018668.D
Acq: 14 Sep 2015 18:59

Tgt Ion:204 Resp: 253515
Ion Ratio Lower Upper
204 100
206 35.1 28.3 42.5
141 52.4 44.0 66.0

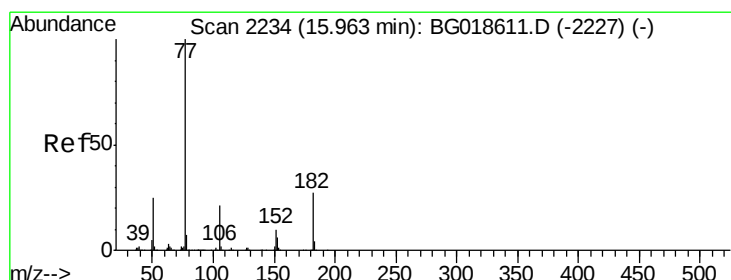
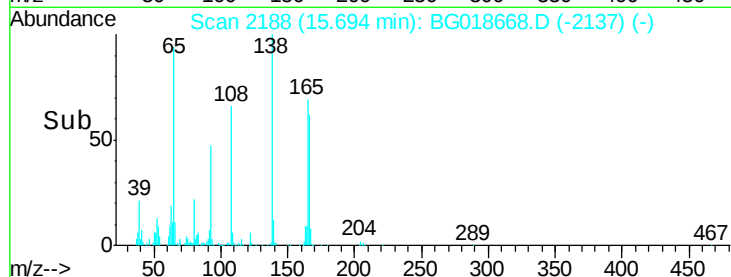
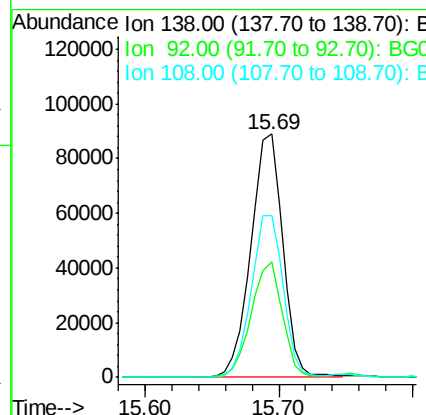
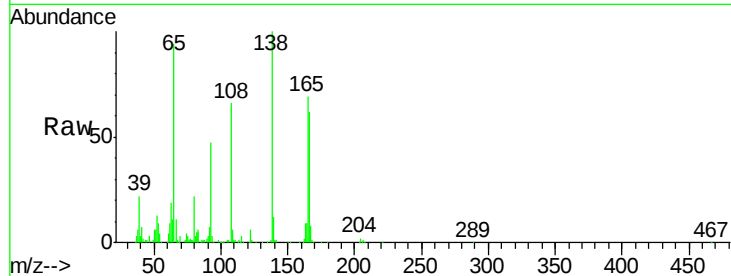




#61
4-Nitroaniline
Concen: 40.78 ng
RT: 15.69 min Scan# 2188
Delta R.T. 0.00 min
Lab File: BG018668.D
Acq: 14 Sep 2015 18:59

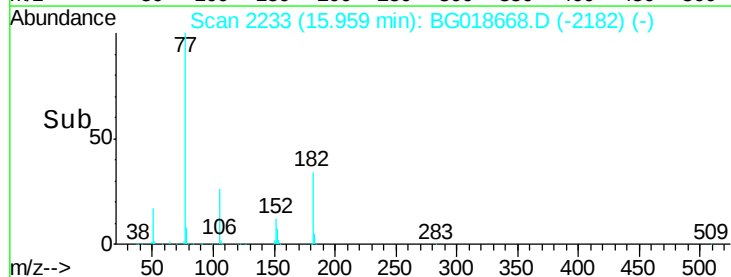
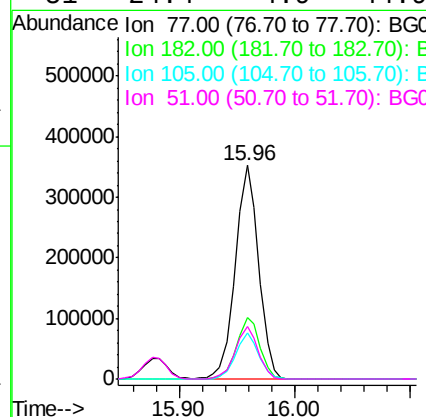
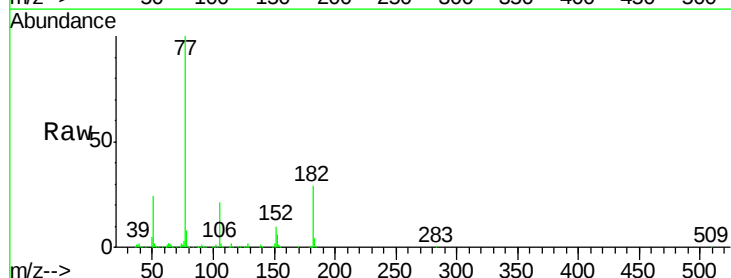
Instrument :
BNA_G
ClientSampleId :
PB85519BSD

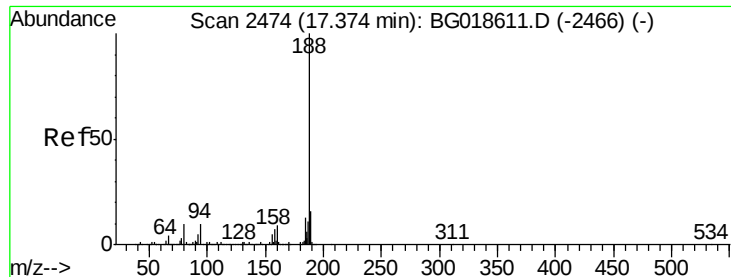
Tot Ion:138 Resp: 146782
Ion Ratio Lower Upper
138 100
92 47.5 29.1 69.1
108 66.2 49.8 89.8



#62
Azobenzene
Concen: 41.45 ng
RT: 15.96 min Scan# 2233
Delta R.T. 0.00 min
Lab File: BG018668.D
Acq: 14 Sep 2015 18:59

Tgt Ion: 77 Resp: 491222
Ion Ratio Lower Upper
77 100
182 28.5 7.0 47.0
105 21.3 1.4 41.4
51 24.4 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: BG018668.D

Acq: 14 Sep 2015 18:59

Instrument :

BNA_G

ClientSampleId :

PB85519BSD

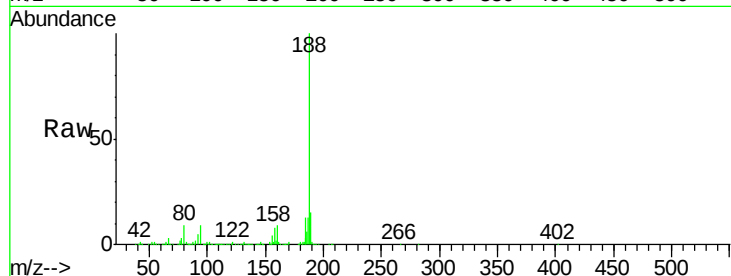
Tot Ion:188 Resp: 454557

Ion Ratio Lower Upper

188 100

94 8.5 7.7 11.5

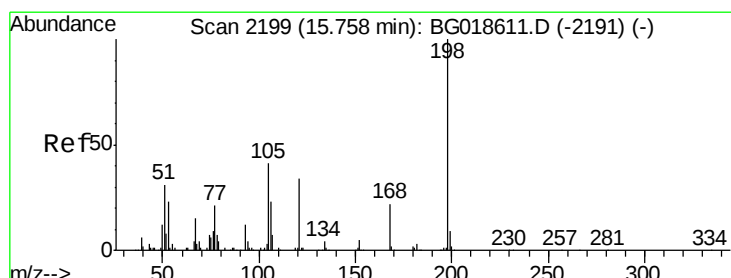
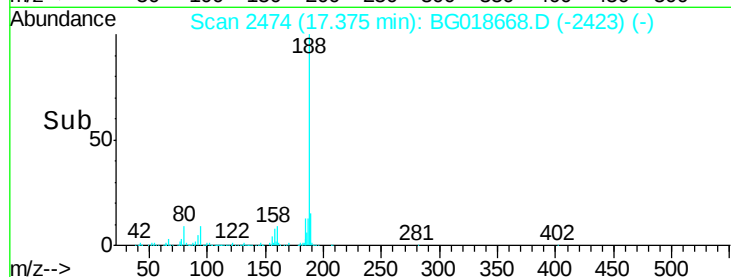
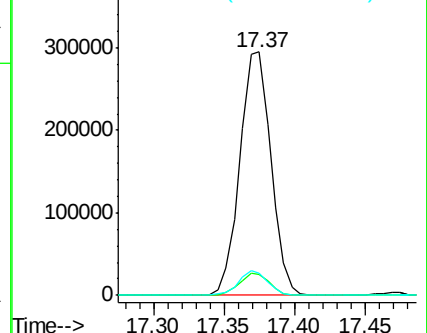
80 8.9 7.8 11.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 36.60 ng

RT: 15.75 min Scan# 2198

Delta R.T. 0.00 min

Lab File: BG018668.D

Acq: 14 Sep 2015 18:59

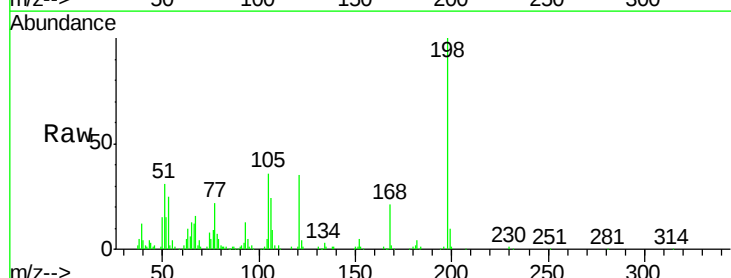
Tgt Ion:198 Resp: 86102

Ion Ratio Lower Upper

198 100

51 31.4 14.2 54.2

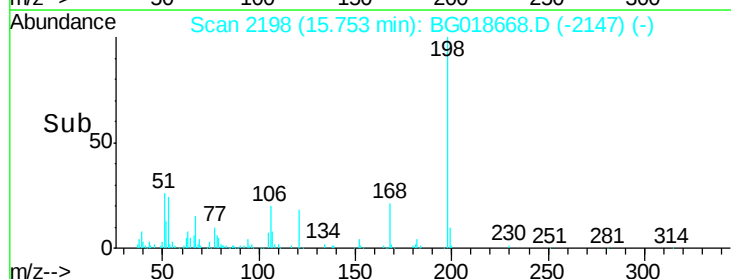
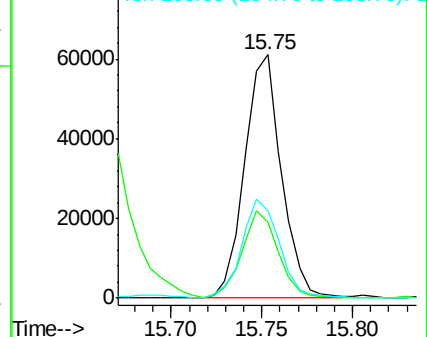
105 35.8 21.1 61.1

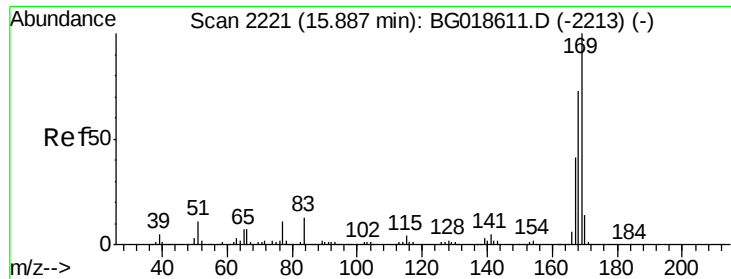


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

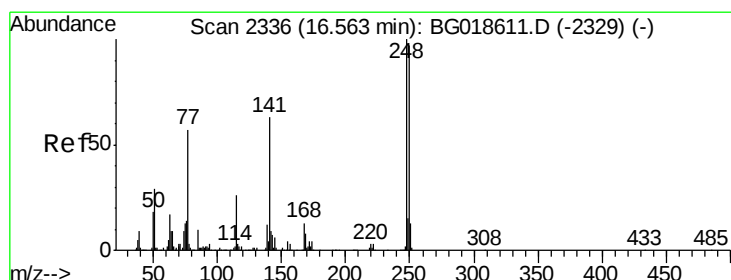
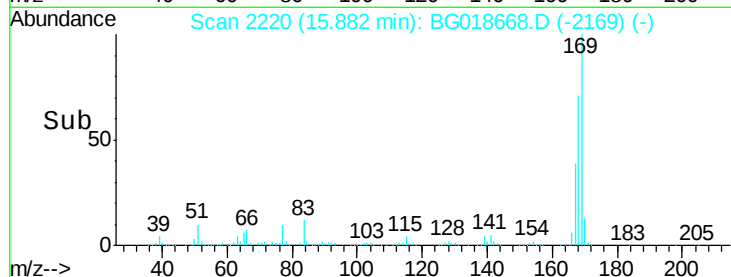
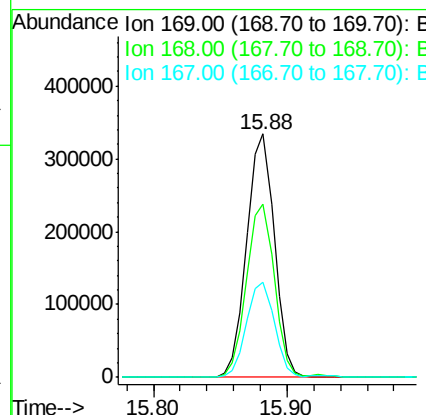
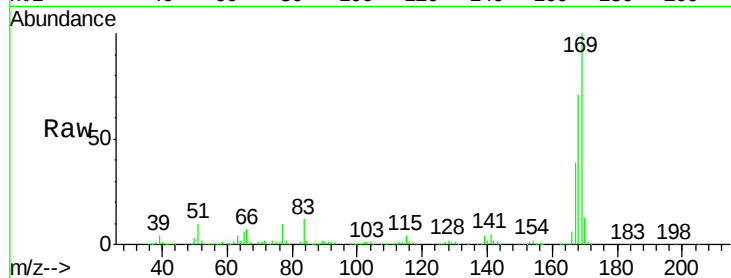




#65
 n-Nitrosodiphenylamine
 Concen: 36.25 ng
 RT: 15.88 min Scan# 2220
 Delta R.T. 0.00 min
 Lab File: BG018668.D
 Acq: 14 Sep 2015 18:59

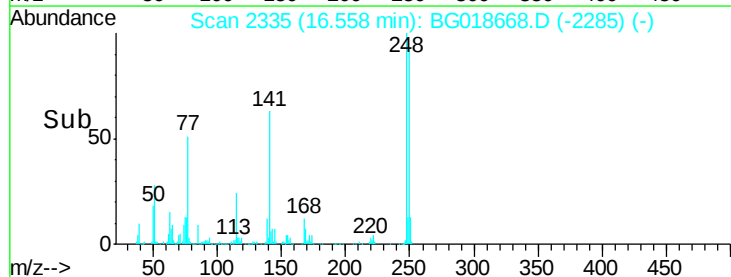
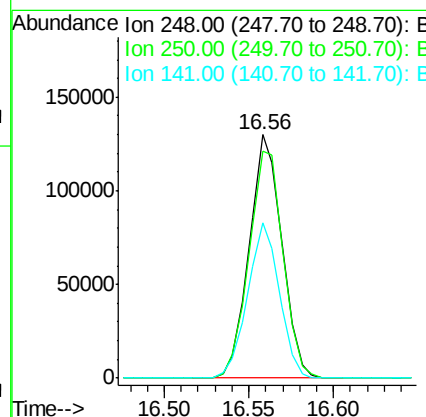
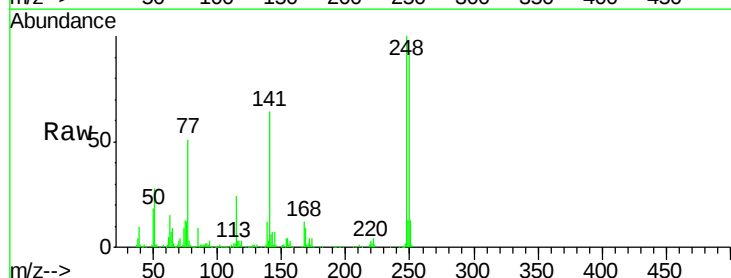
Instrument :
 BNA_G
 ClientSampleId :
 PB85519BSD

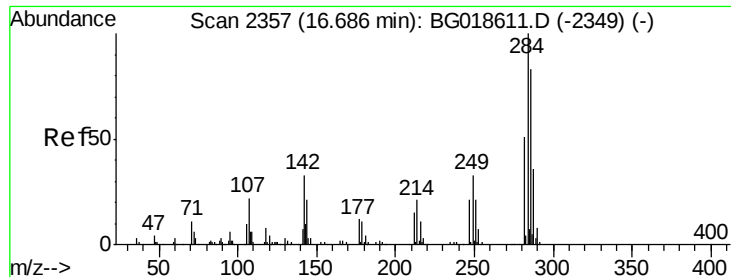
Tot Ion	Ratio	Lower	Upper
169	100		
168	71.4	58.2	87.2
167	38.9	32.7	49.1



#66
 4-Bromophenyl-phenylether
 Concen: 37.74 ng
 RT: 16.56 min Scan# 2335
 Delta R.T. -0.00 min
 Lab File: BG018668.D
 Acq: 14 Sep 2015 18:59

Tgt Ion	Ratio	Lower	Upper
248	100		
250	93.0	77.8	116.8
141	63.5	50.4	75.6





#67

Hexachlorobenzene

Concen: 38.74 ng

RT: 16.68 min Scan# 2356

Delta R.T. 0.00 min

Lab File: BG018668.D

Acq: 14 Sep 2015 18:59

Instrument :

BNA_G

ClientSampleId :

PB85519BSD

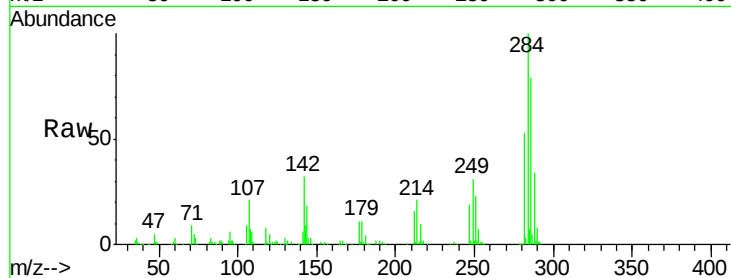
Tot Ion:284 Resp: 194577

Ion Ratio Lower Upper

284 100

142 32.0 26.6 39.8

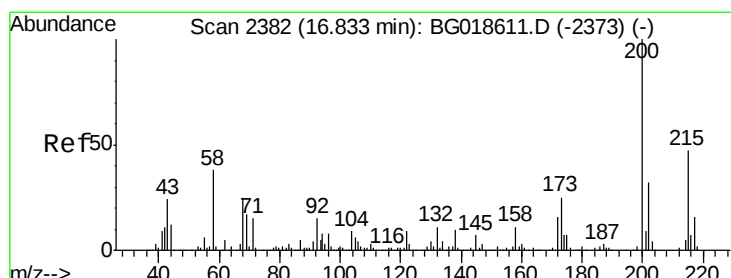
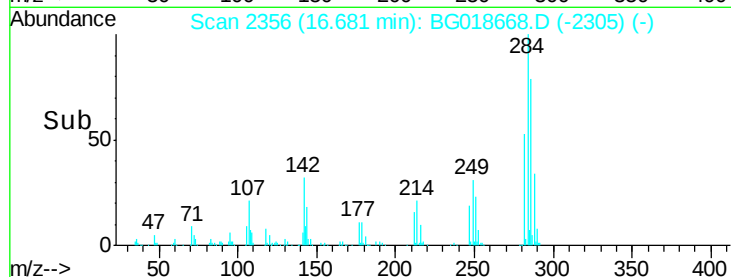
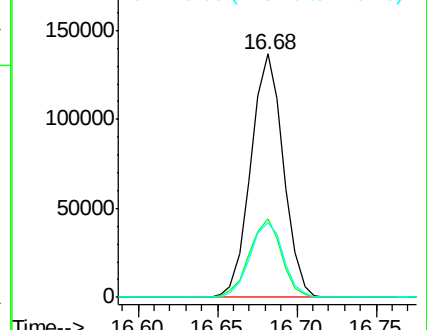
249 30.6 26.2 39.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 40.09 ng

RT: 16.83 min Scan# 2381

Delta R.T. 0.00 min

Lab File: BG018668.D

Acq: 14 Sep 2015 18:59

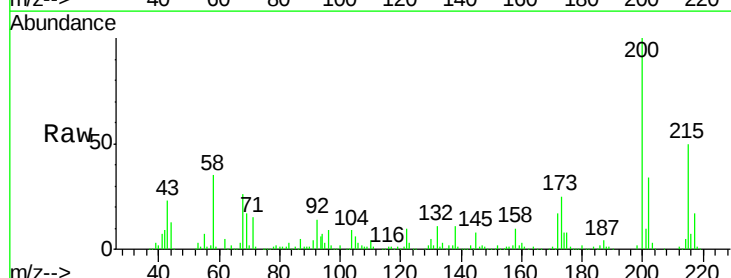
Tgt Ion:200 Resp: 209846

Ion Ratio Lower Upper

200 100

173 25.0 5.2 45.2

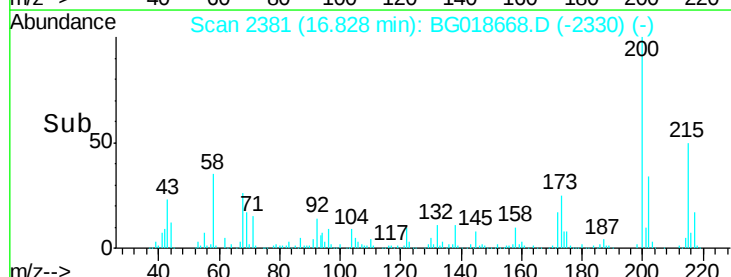
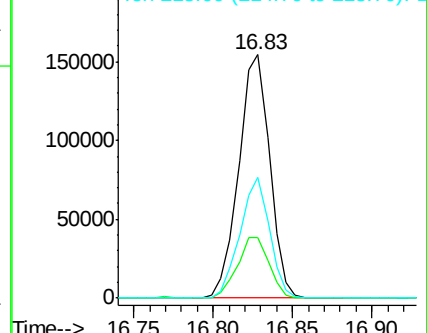
215 49.6 27.0 67.0

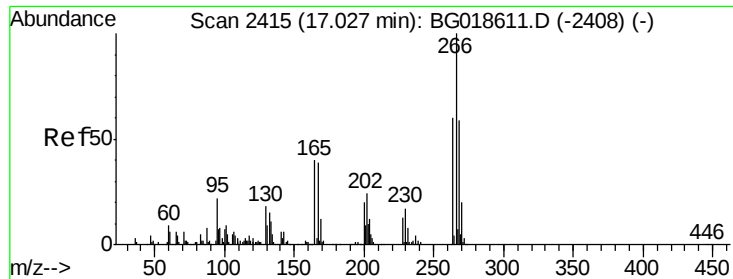


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

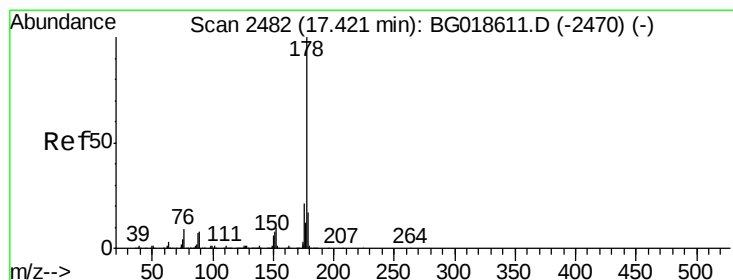
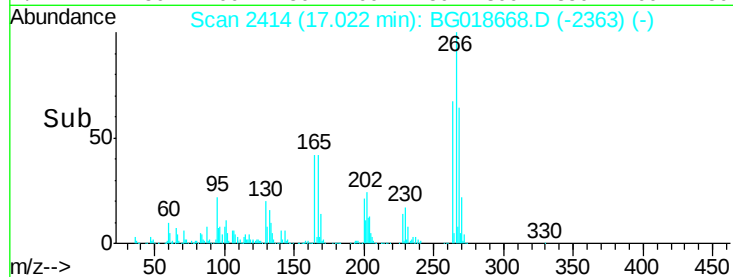
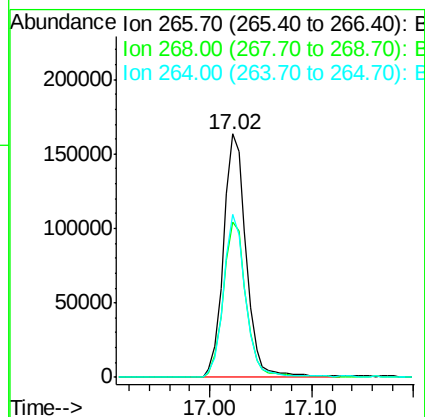
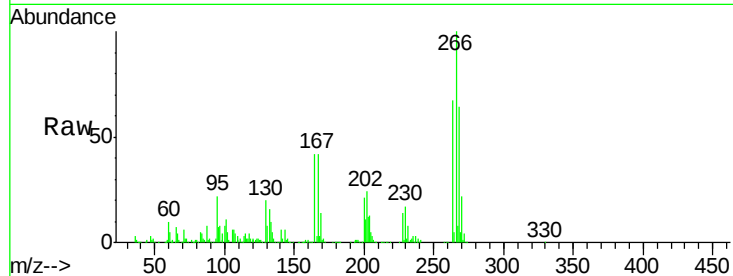




#69
 Pentachlorophenol
 Concen: 82.47 ng
 RT: 17.02 min Scan# 2414
 Delta R.T. 0.00 min
 Lab File: BG018668.D
 Acq: 14 Sep 2015 18:59

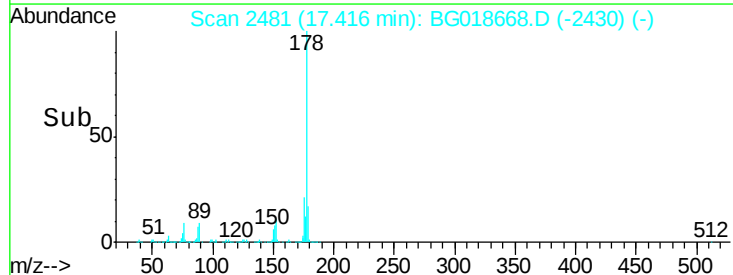
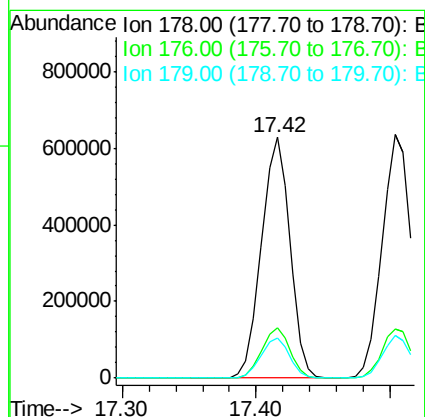
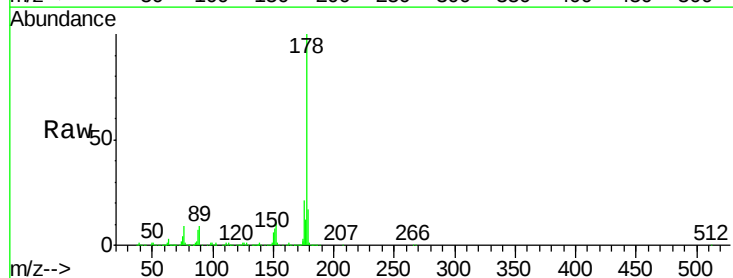
Instrument :
 BNA_G
 ClientSampleId :
 PB85519BSD

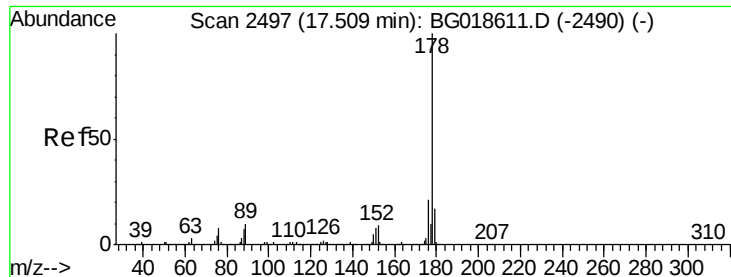
Tot Ion:266 Resp: 255460
 Ion Ratio Lower Upper
 266 100
 268 63.5 47.6 71.4
 264 67.0 48.1 72.1



#70
 Phenanthrene
 Concen: 38.76 ng
 RT: 17.42 min Scan# 2481
 Delta R.T. 0.00 min
 Lab File: BG018668.D
 Acq: 14 Sep 2015 18:59

Tgt Ion:178 Resp: 926624
 Ion Ratio Lower Upper
 178 100
 176 21.0 16.7 25.1
 179 16.9 13.9 20.9

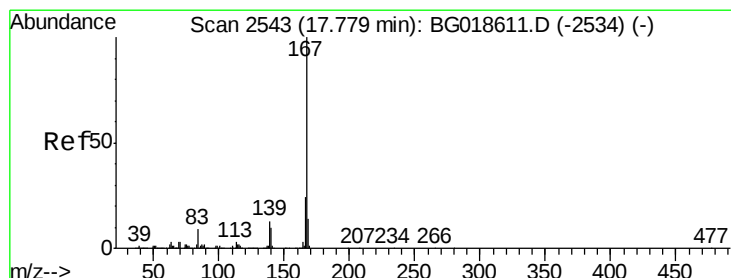
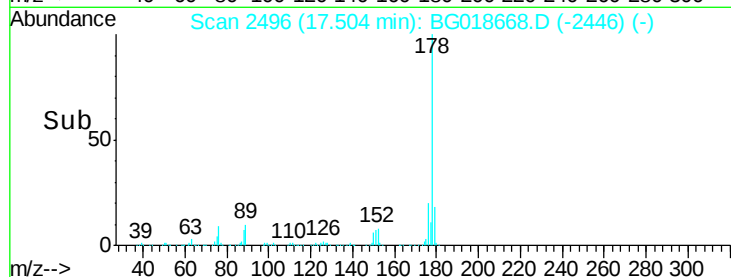
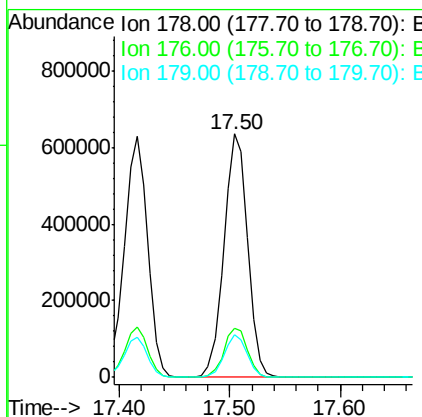
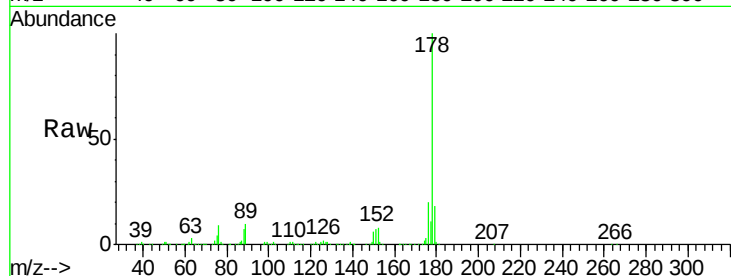




#71
 Anthracene
 Concen: 39.18 ng
 RT: 17.50 min Scan# 2496
 Delta R.T. -0.00 min
 Lab File: BG018668.D
 Acq: 14 Sep 2015 18:59

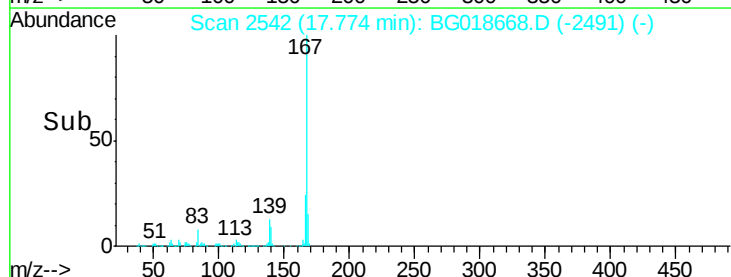
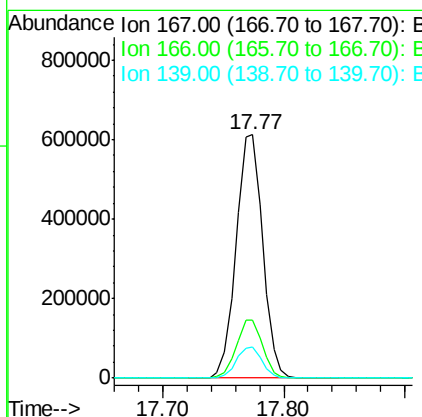
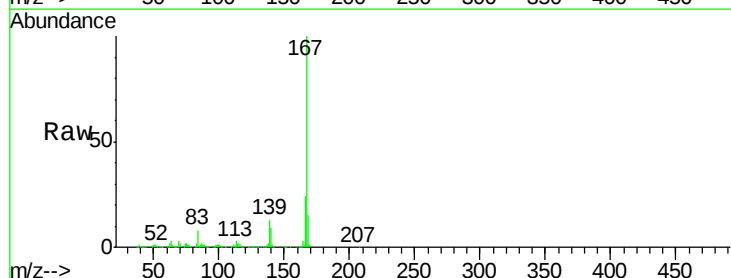
Instrument :
 BNA_G
 ClientSampleId :
 PB85519BSD

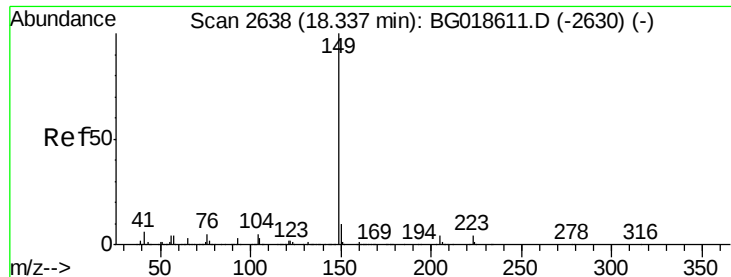
Tot Ion:178 Resp: 948536
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.8 25.2
 179 17.7 13.9 20.9



#72
 Carbazole
 Concen: 40.19 ng
 RT: 17.77 min Scan# 2542
 Delta R.T. 0.00 min
 Lab File: BG018668.D
 Acq: 14 Sep 2015 18:59

Tgt Ion:167 Resp: 941656
 Ion Ratio Lower Upper
 167 100
 166 24.0 19.0 28.6
 139 12.8 10.2 15.4

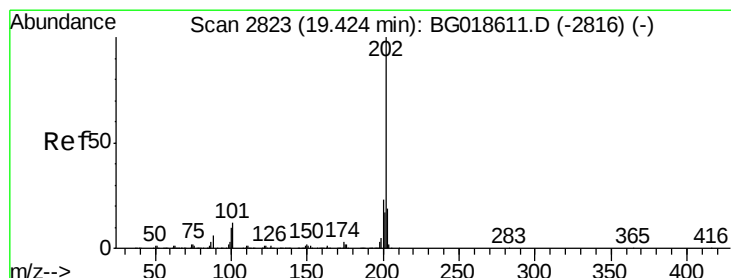
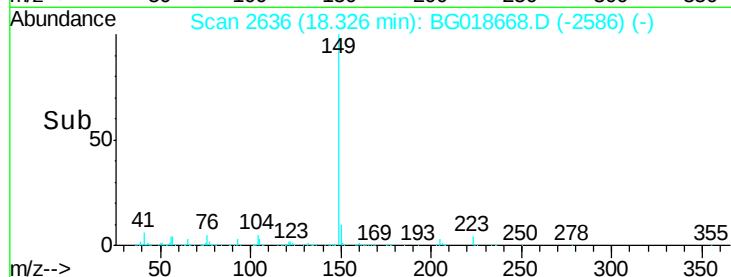
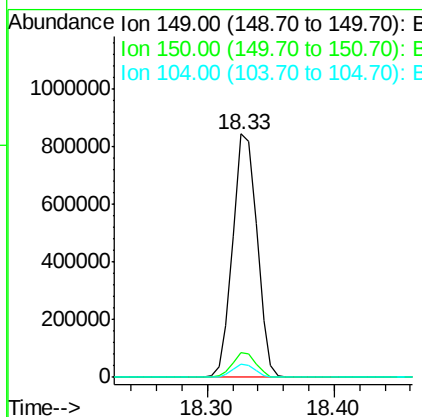
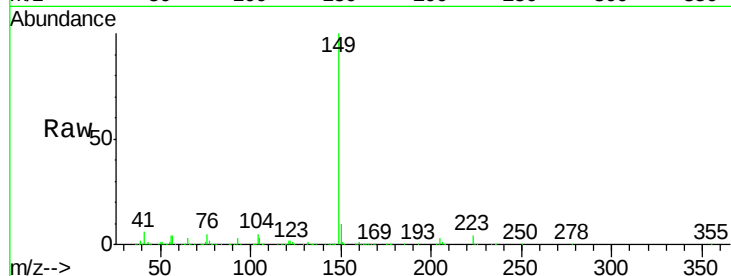




#73
Di-n-butylphthalate
Concen: 40.22 ng
RT: 18.33 min Scan# 2636
Delta R.T. -0.00 min
Lab File: BG018668.D
Acq: 14 Sep 2015 18:59

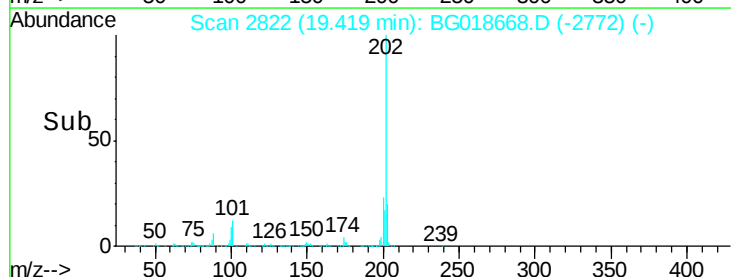
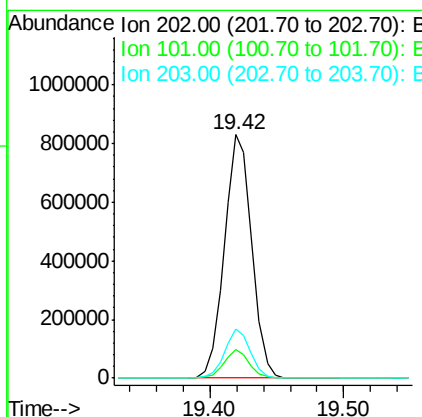
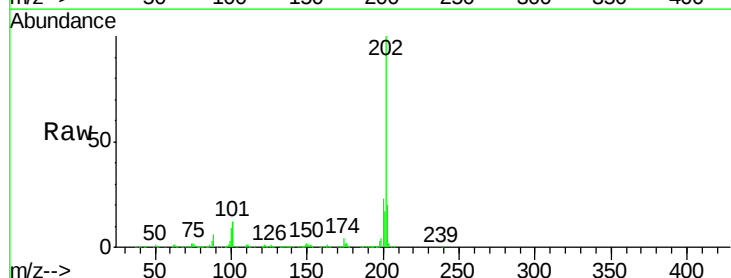
Instrument :
BNA_G
ClientSampleId :
PB85519BSD

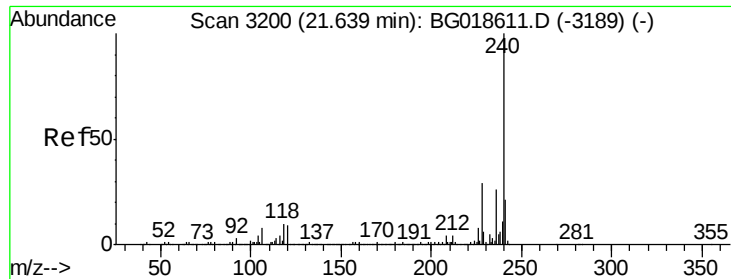
Tot Ion:149 Resp: 1111518
Ion Ratio Lower Upper
149 100
150 10.3 8.2 12.4
104 5.3 4.4 6.6



#74
Fluoranthene
Concen: 40.05 ng
RT: 19.42 min Scan# 2822
Delta R.T. -0.00 min
Lab File: BG018668.D
Acq: 14 Sep 2015 18:59

Tgt Ion:202 Resp: 1186039
Ion Ratio Lower Upper
202 100
101 12.0 0.0 32.4
203 20.0 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: BG018668.D

Acq: 14 Sep 2015 18:59

Instrument :

BNA_G

ClientSampleId :

PB85519BSD

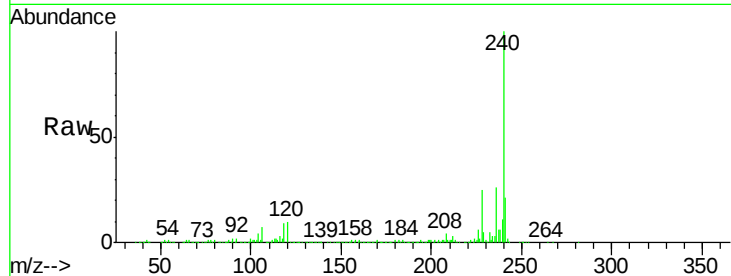
Tot Ion:240 Resp: 493430

Ion Ratio Lower Upper

240 100

120 9.6 7.4 11.0

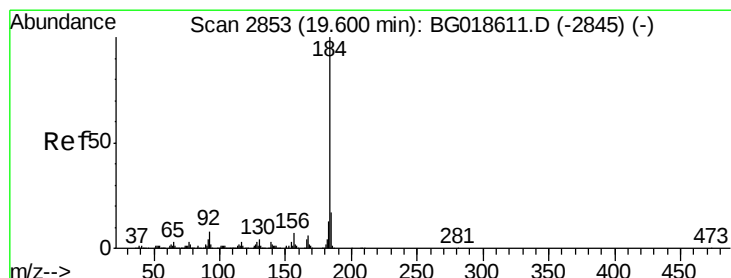
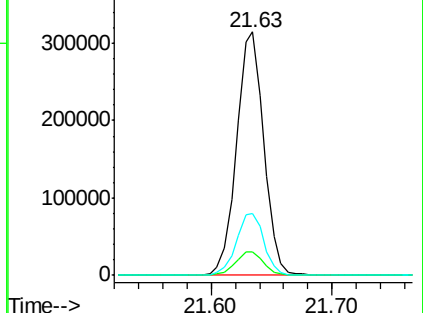
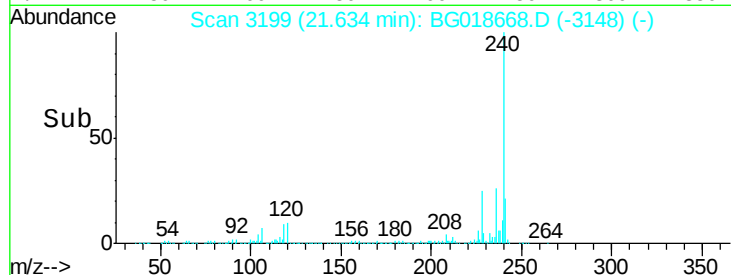
236 25.5 20.7 31.1



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



#76

Benzidine

Concen: 26.13 ng

RT: 19.60 min Scan# 2852

Delta R.T. -0.00 min

Lab File: BG018668.D

Acq: 14 Sep 2015 18:59

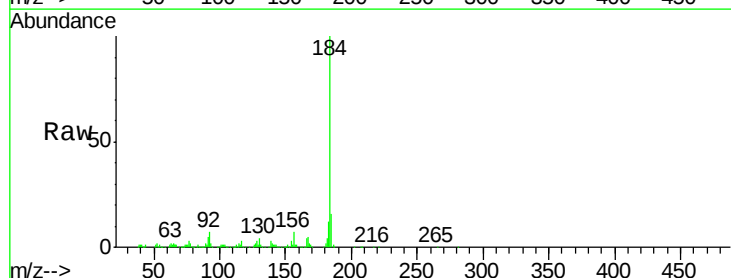
Tgt Ion:184 Resp: 387151

Ion Ratio Lower Upper

184 100

185 16.5 13.4 20.2

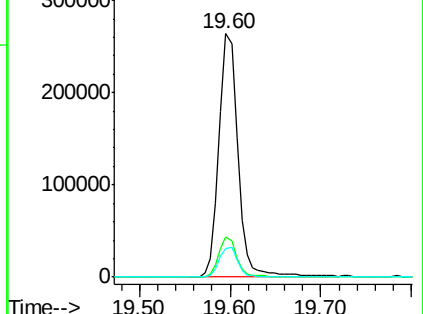
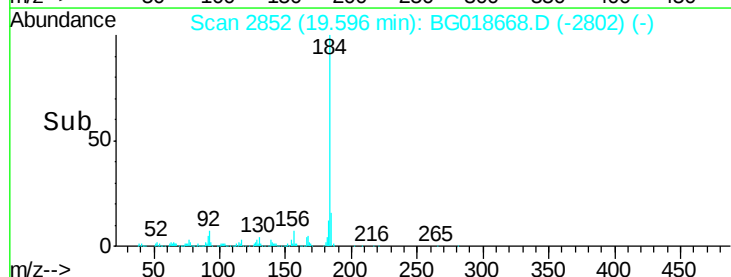
183 11.9 10.1 15.1

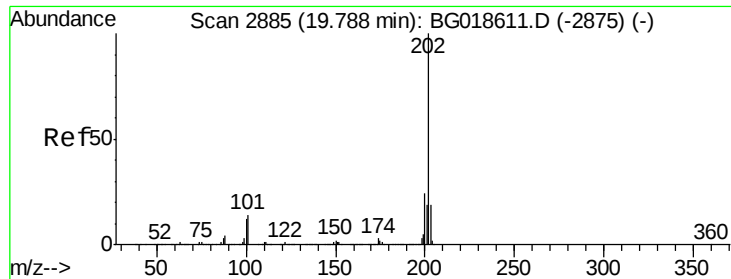


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



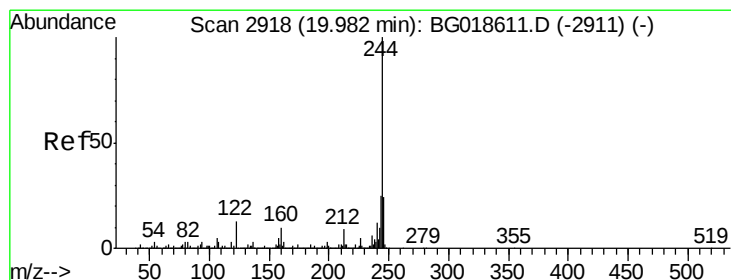
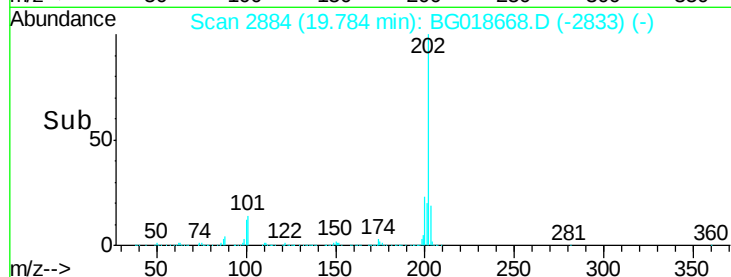
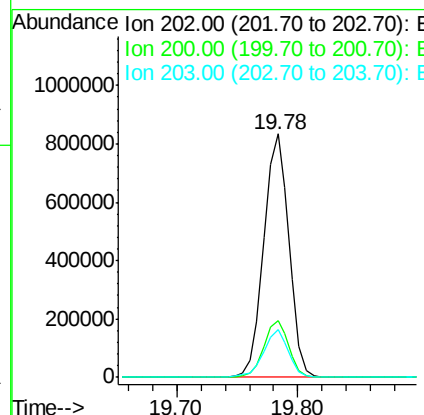
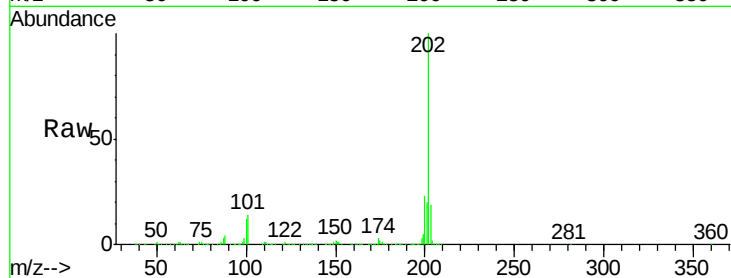


#77
Pvrene
Concen: 40.03 ng
RT: 19.78 min Scan# 2884
Delta R.T. 0.00 min
Lab File: BG018668.D
Acq: 14 Sep 2015 18:59

Instrument :
BNA_G
ClientSampleId :
PB85519BSD

Tot Ion:202 Resp: 1213881

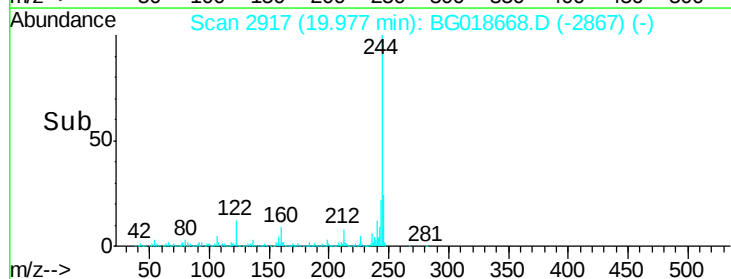
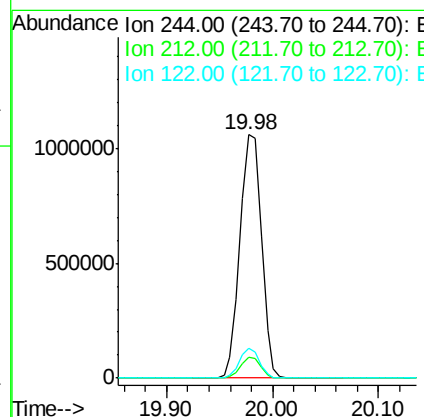
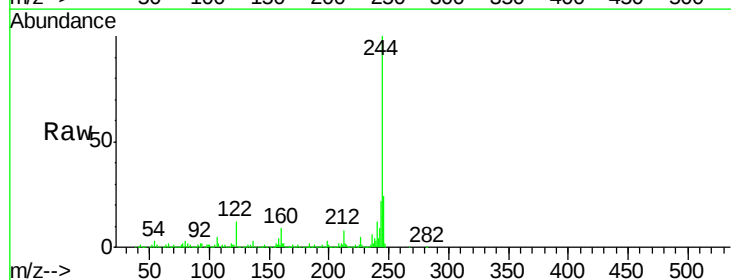
Ion	Ratio	Lower	Upper
202	100		
200	23.2	19.4	29.0
203	19.5	15.5	23.3

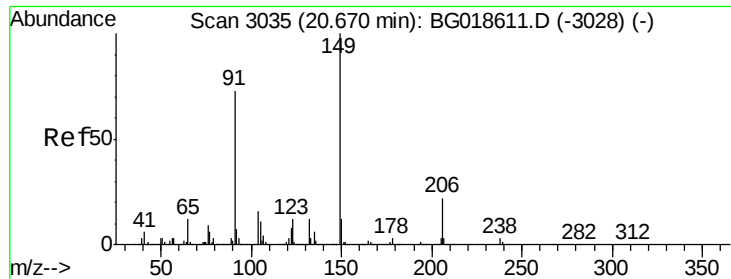


#78
Terphenyl-d14
Concen: 79.23 ng
RT: 19.98 min Scan# 2917
Delta R.T. -0.00 min
Lab File: BG018668.D
Acq: 14 Sep 2015 18:59

Tgt Ion:244 Resp: 1488764

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.9	10.3
122	12.4	10.2	15.2

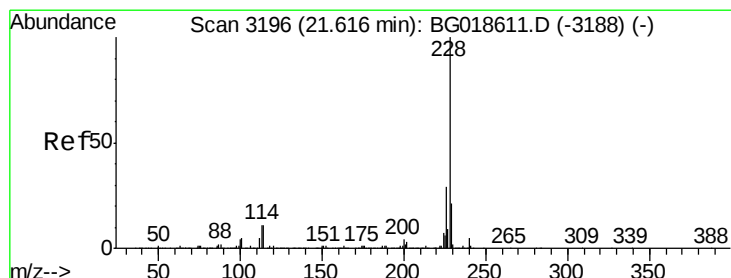
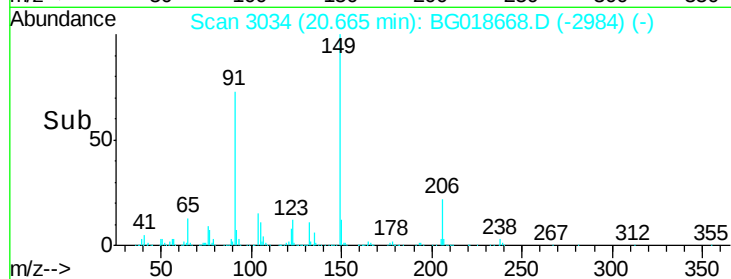
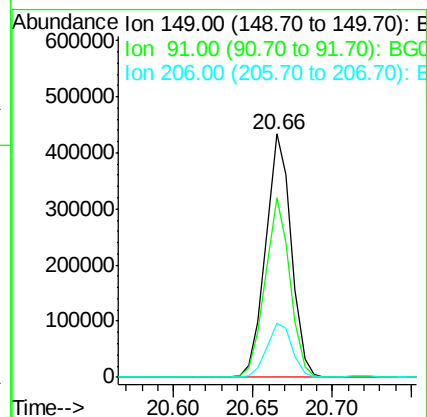
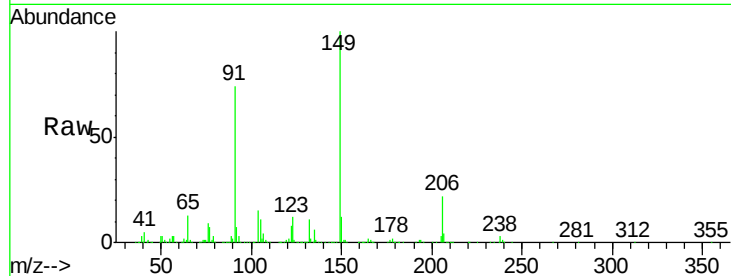




#79
Butylbenzylphthalate
Concen: 39.81 ng
RT: 20.66 min Scan# 3034
Delta R.T. -0.00 min
Lab File: BG018668.D
Acq: 14 Sep 2015 18:59

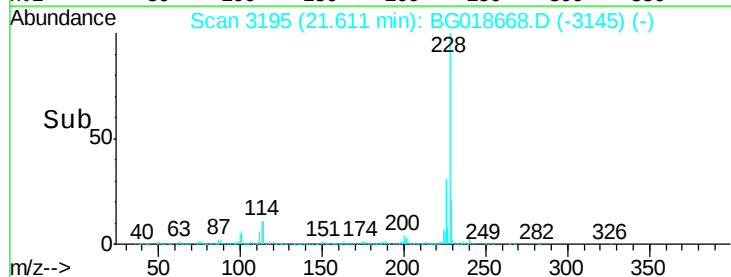
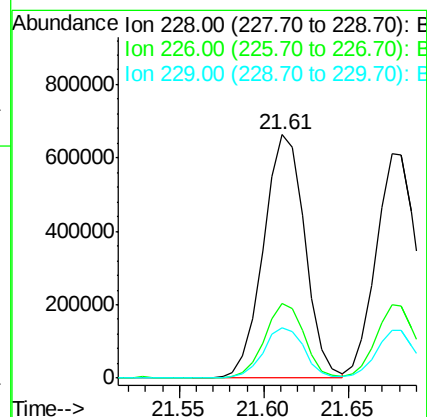
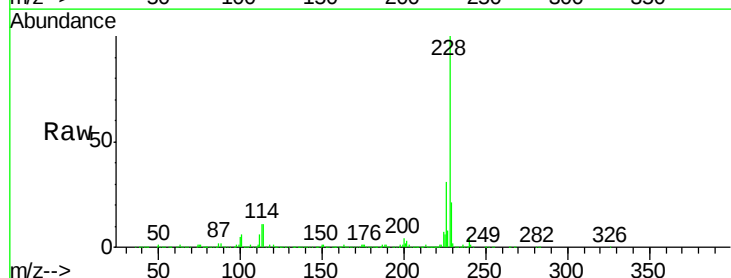
Instrument :
BNA_G
ClientSampleId :
PB85519BSD

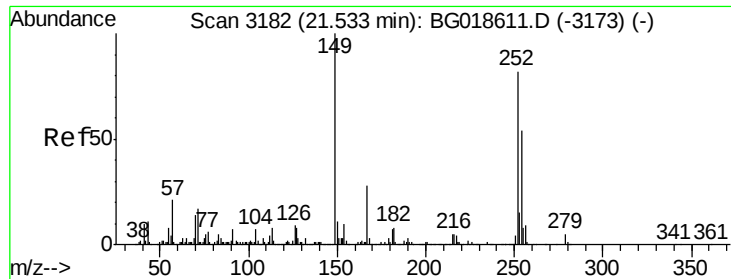
Tot Ion	Ratio	Lower	Upper
149	100		
91	73.5	58.1	87.1
206	22.2	17.8	26.8



#80
Benzo(a)anthracene
Concen: 39.75 ng
RT: 21.61 min Scan# 3195
Delta R.T. -0.00 min
Lab File: BG018668.D
Acq: 14 Sep 2015 18:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.4	35.0
229	20.8	16.6	25.0

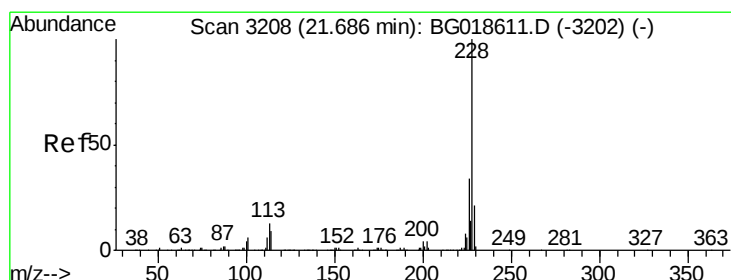
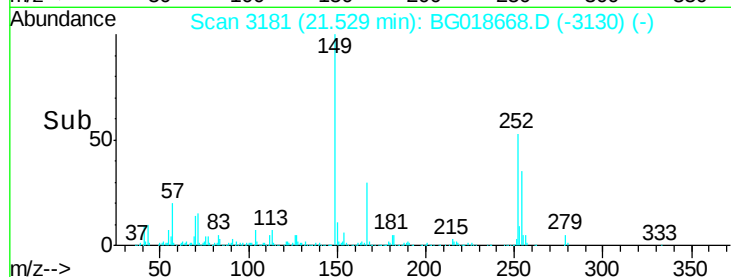
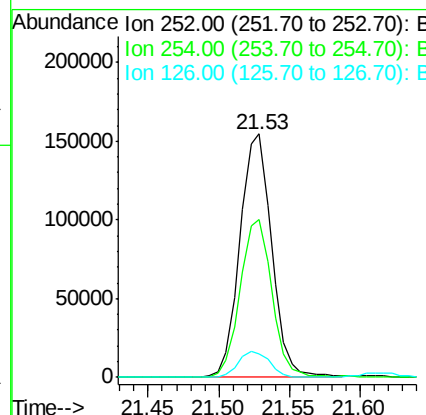
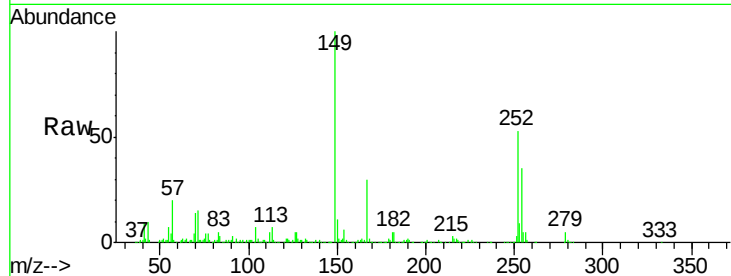




#81
 3,3'-Dichlorobenzidine
 Concen: 22.52 ng
 RT: 21.53 min Scan# 3181
 Delta R.T. 0.00 min
 Lab File: BG018668.D
 Acq: 14 Sep 2015 18:59

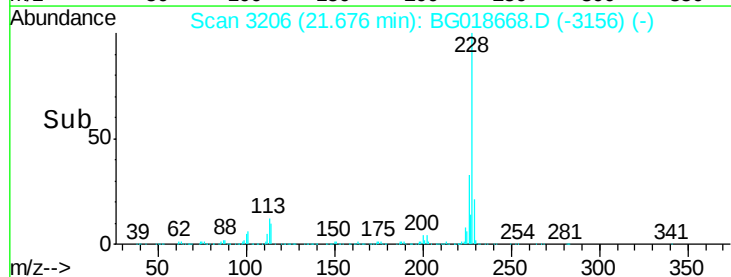
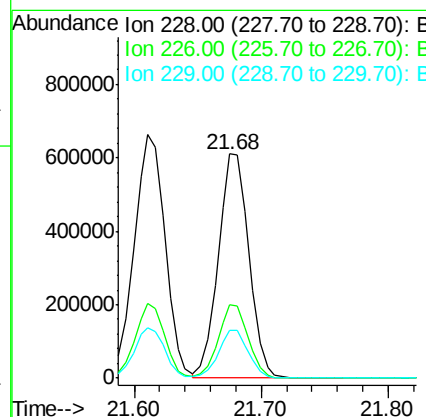
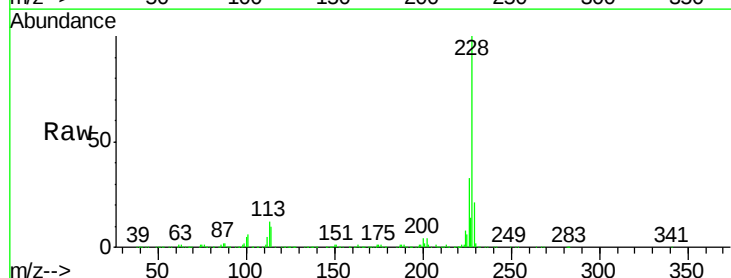
Instrument :
 BNA_G
 ClientSampleId :
 PB85519BSD

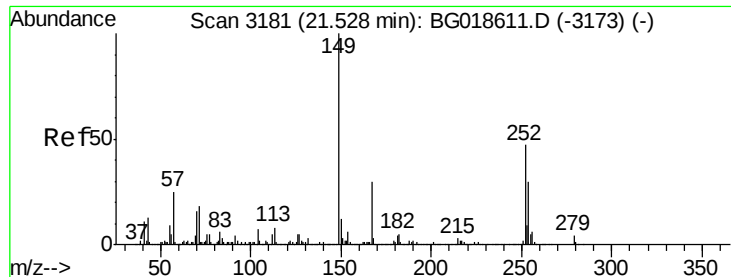
Tot Ion:252 Resp: 243086
 Ion Ratio Lower Upper
 252 100
 254 64.7 52.5 78.7
 126 9.6 8.5 12.7



#82
 Chrysene
 Concen: 38.34 ng
 RT: 21.68 min Scan# 3206
 Delta R.T. -0.00 min
 Lab File: BG018668.D
 Acq: 14 Sep 2015 18:59

Tgt Ion:228 Resp: 1025671
 Ion Ratio Lower Upper
 228 100
 226 32.7 26.7 40.1
 229 21.2 17.0 25.6

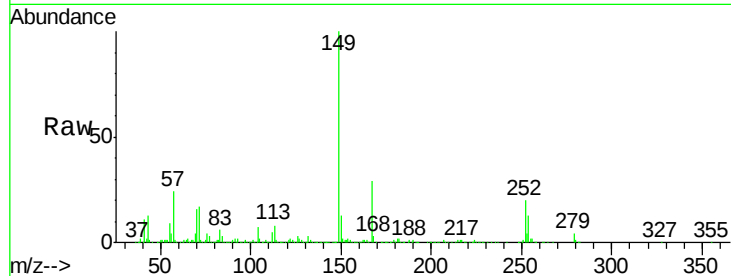




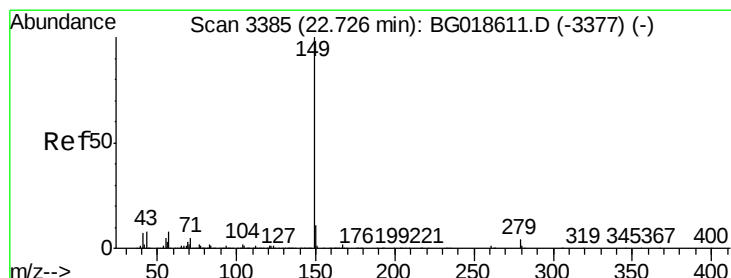
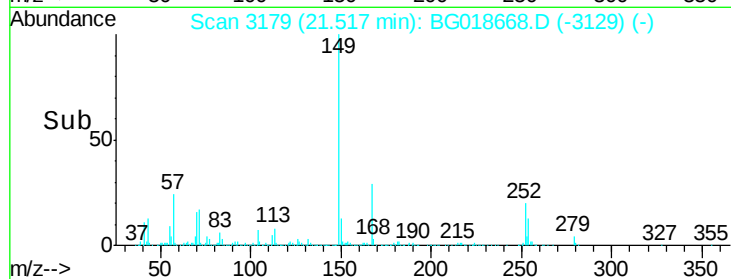
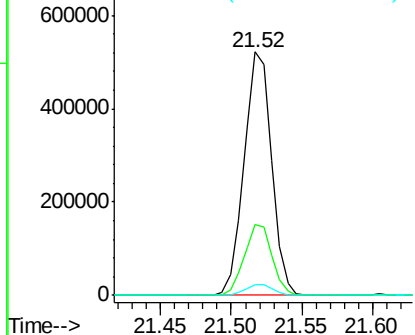
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.12 ng
 RT: 21.52 min Scan# 3179
 Delta R.T. -0.00 min
 Lab File: BG018668.D
 Acq: 14 Sep 2015 18:59

Instrument :
 BNA_G
 ClientSampleId :
 PB85519BSD

Tot Ion:149 Resp: 713521
 Ion Ratio Lower Upper
 149 100
 167 29.1 23.8 35.8
 279 4.2 3.4 5.2

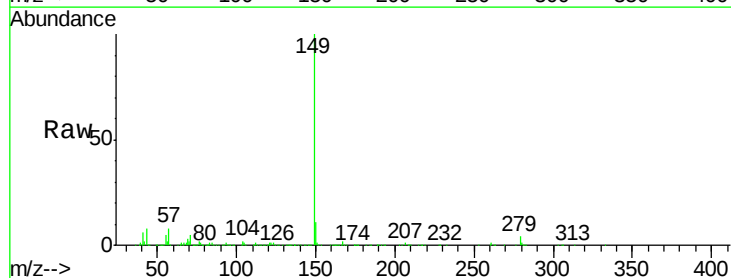


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

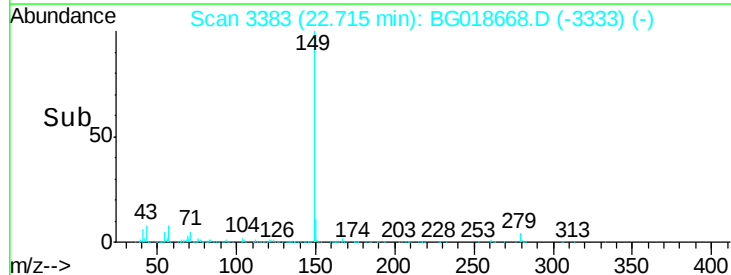
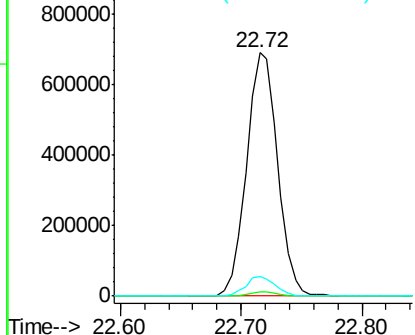


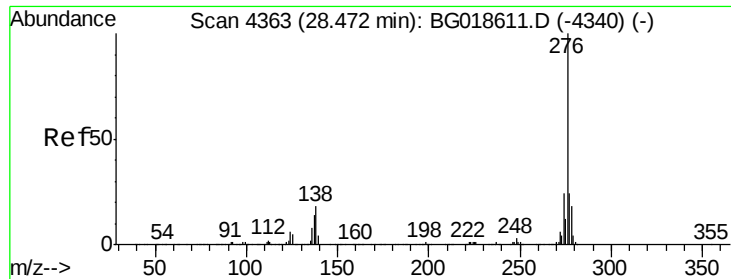
#84
 Di-n-octyl phthalate
 Concen: 40.85 ng
 RT: 22.72 min Scan# 3383
 Delta R.T. -0.00 min
 Lab File: BG018668.D
 Acq: 14 Sep 2015 18:59

Tgt Ion:149 Resp: 1228784
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 8.0 5.9 8.9



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 39.51 ng

RT: 28.45 min Scan# 4359

Delta R.T. -0.00 min

Lab File: BG018668.D

Acq: 14 Sep 2015 18:59

Instrument :

BNA_G

ClientSampleId :

PB85519BSD

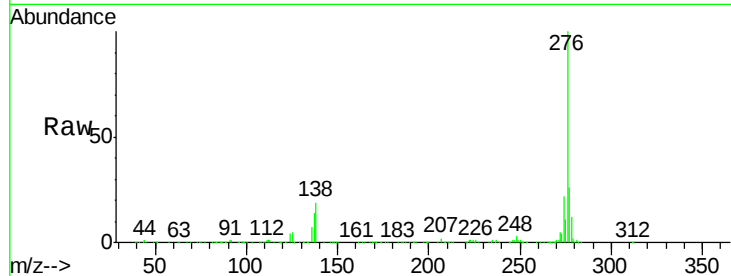
Tot Ion:276 Resp: 1341974

Ion Ratio Lower Upper

276 100

138 13.6 0.0 0.0#

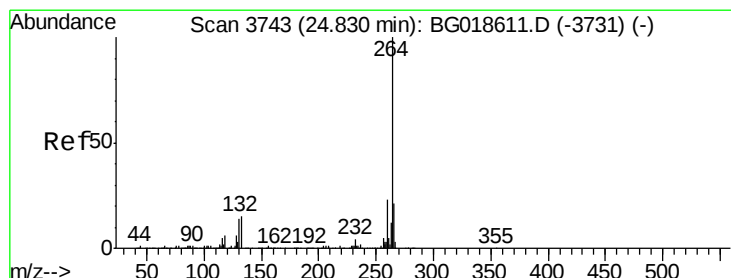
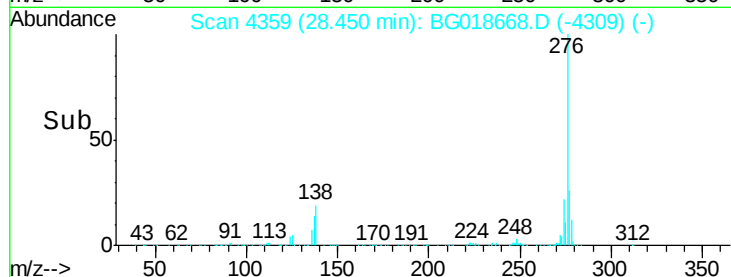
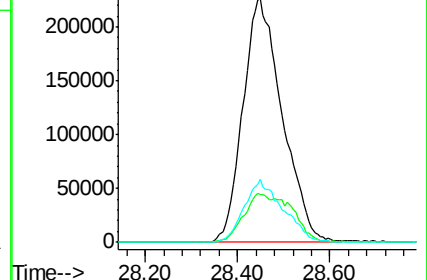
277 25.3 0.0 0.0#



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: BG018668.D

Acq: 14 Sep 2015 18:59

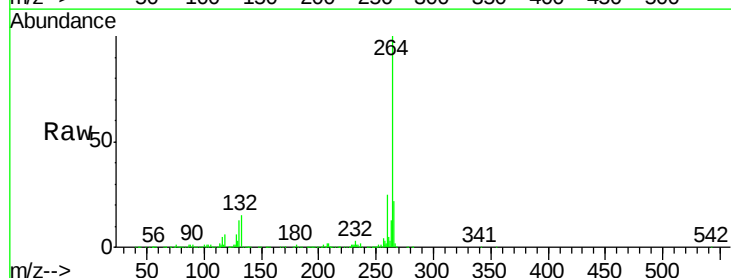
Tgt Ion:264 Resp: 499078

Ion Ratio Lower Upper

264 100

260 24.5 18.5 27.7

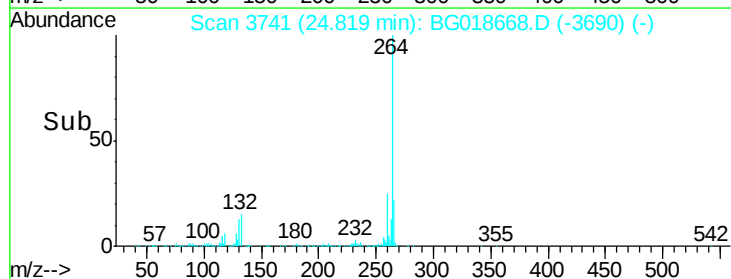
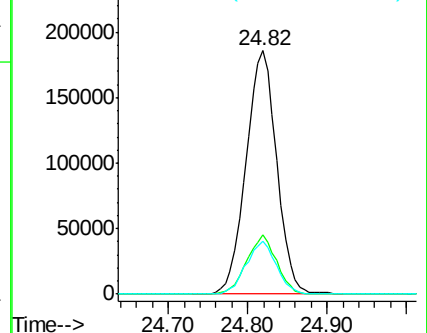
265 21.7 17.2 25.8

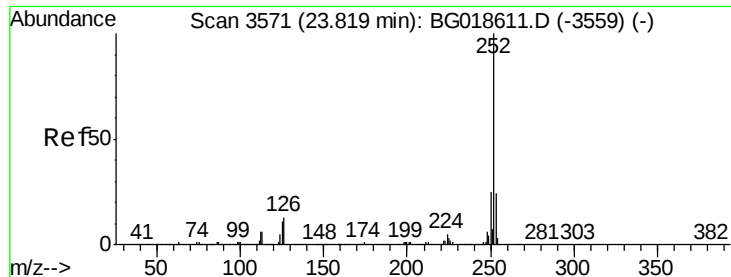


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 40.37 ng

RT: 23.81 min Scan# 3569

Delta R.T. -0.00 min

Lab File: BG018668.D

Acq: 14 Sep 2015 18:59

Instrument :

BNA_G

ClientSampleId :

PB85519BSD

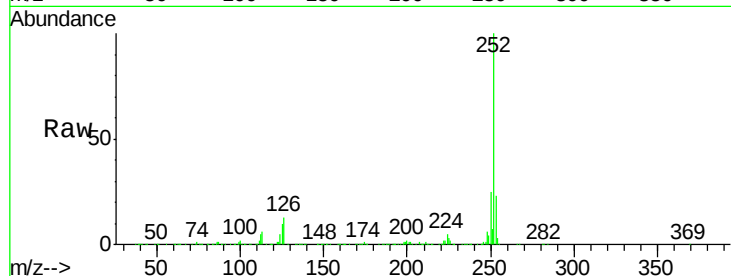
Tot Ion:252 Resp: 1168438

Ion Ratio Lower Upper

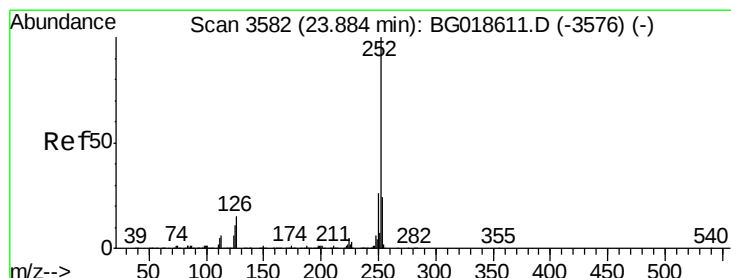
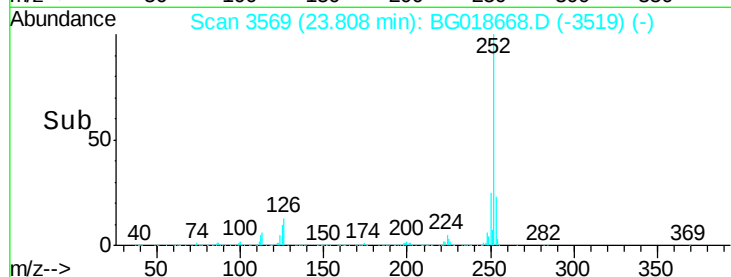
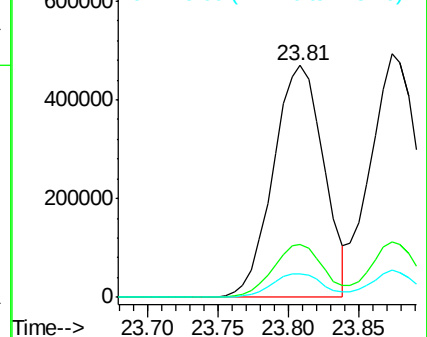
252 100

253 22.8 19.1 28.7

125 10.0 8.9 13.3



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



#88

Benzo(k)fluoranthene

Concen: 40.11 ng

RT: 23.87 min Scan# 3580

Delta R.T. -0.01 min

Lab File: BG018668.D

Acq: 14 Sep 2015 18:59

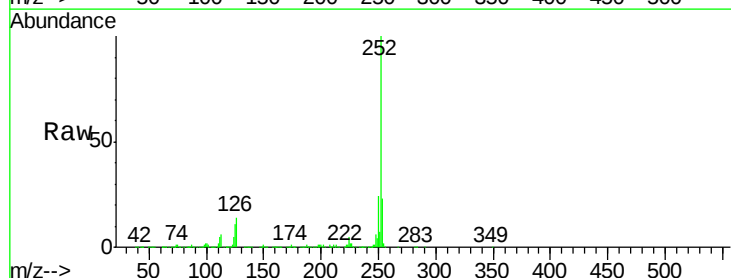
Tgt Ion:252 Resp: 1162827

Ion Ratio Lower Upper

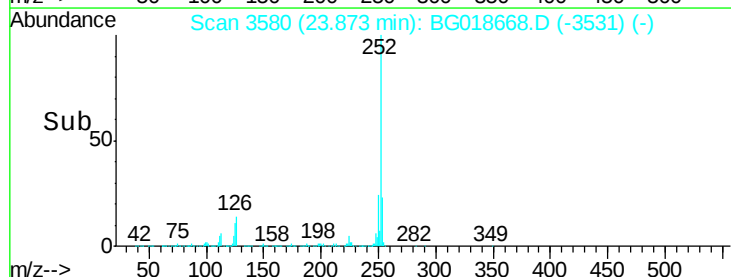
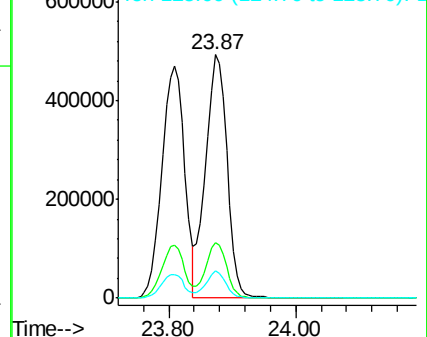
252 100

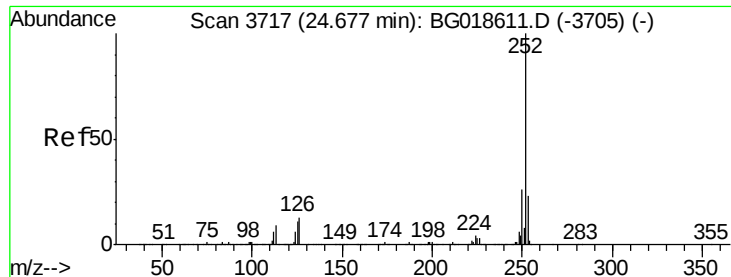
253 23.0 19.0 28.4

125 11.1 8.9 13.3



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

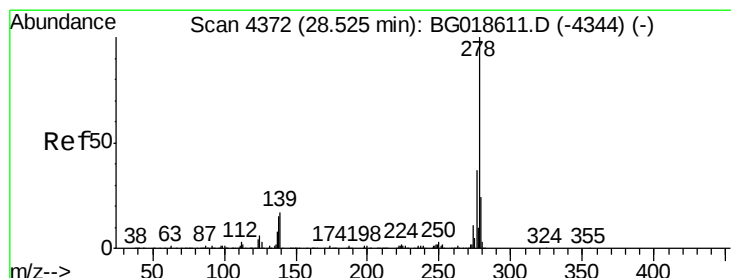
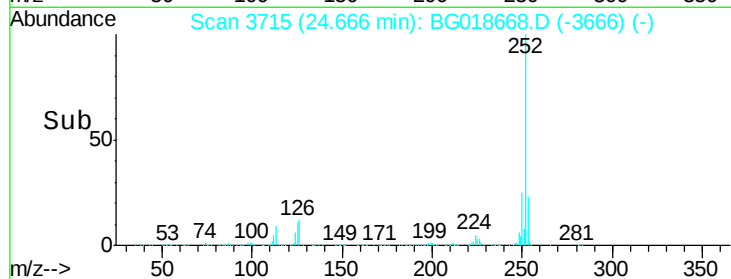
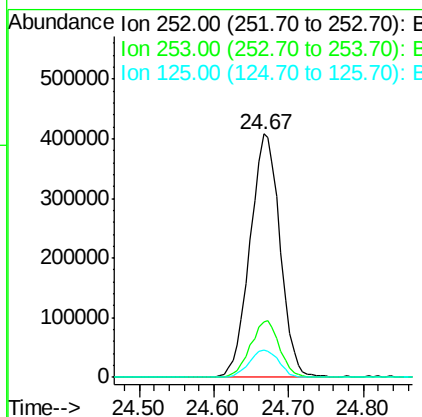
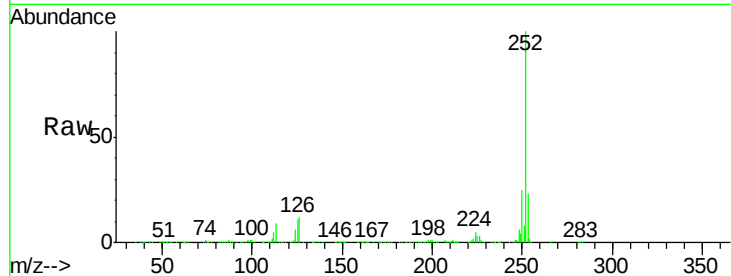




#89
Benzo(a)pyrene
Concen: 41.32 ng
RT: 24.67 min Scan# 3715
Delta R.T. -0.01 min
Lab File: BG018668.D
Acq: 14 Sep 2015 18:59

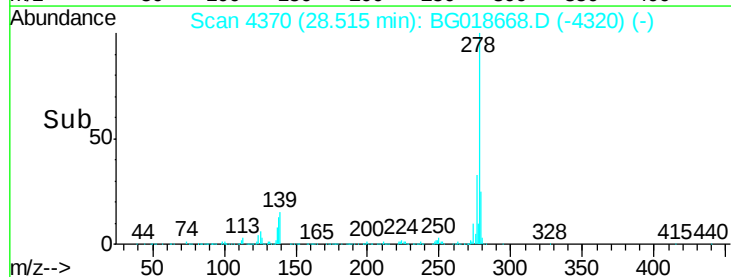
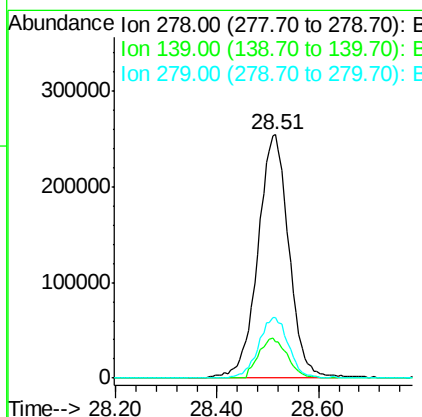
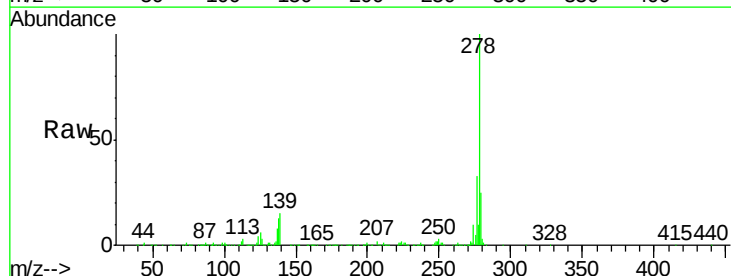
Instrument :
BNA_G
ClientSampleId :
PB85519BSD

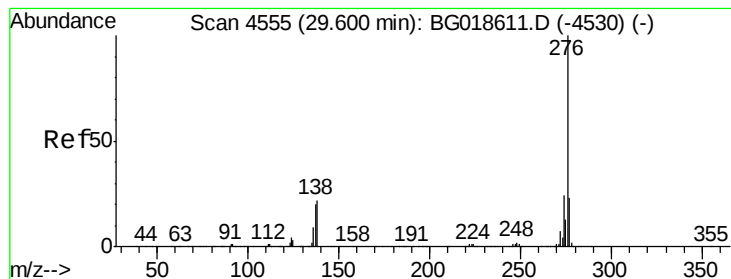
Tot Ion:252 Resp: 1137808
Ion Ratio Lower Upper
252 100
253 23.0 18.7 28.1
125 11.3 9.1 13.7



#90
Dibenzo(a,h)anthracene
Concen: 39.84 ng
RT: 28.51 min Scan# 4370
Delta R.T. -0.00 min
Lab File: BG018668.D
Acq: 14 Sep 2015 18:59

Tgt Ion:278 Resp: 1080202
Ion Ratio Lower Upper
278 100
139 14.9 13.8 20.6
279 24.9 19.4 29.0





#91

Benzo(a,h,i)perylene

Concen: 40.14 ng

RT: 29.58 min Scan# 4552

Delta R.T. -0.01 min

Lab File: BG018668.D

Acq: 14 Sep 2015 18:59

Instrument :

BNA_G

ClientSampleId :

PB85519BSD

Tot Ion: 276 Resp: 1108366

Ion Ratio Lower Upper

276 100

277 23.6 18.4 27.6

138 21.0 17.4 26.0

