

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050615\
 Data File : BG016908.D
 Acq On : 6 May 2015 20:12
 Operator : TP/IZ
 Sample : PB83061BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB83061BS

Quant Time: May 07 05:09:57 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 07 03:57:31 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	72570	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	324503	20.00	ng	0.00
38) Acenaphthene-d10	14.44	164	215230	20.00	ng	0.00
63) Phenanthrene-d10	17.18	188	479622	20.00	ng	0.00
75) Chrysene-d12	21.36	240	479947	20.00	ng	0.00
86) Perylene-d12	23.67	264	455405	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	505776	121.35	ng	0.00
7) Phenol-d6	6.97	99	676195	113.56	ng	0.00
23) Nitrobenzene-d5	8.96	82	432487	65.11	ng	0.00
41) 2,4,6-Tribromophenol	15.93	330	239267	110.74	ng	0.00
44) 2-Fluorobiphenyl	13.06	172	860836	60.35	ng	0.00
78) Terphenyl-d14	19.81	244	1373461	67.09	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.29	88	51719	29.61	ng	# 1
3) Pyridine	3.68	79	141150	26.14	ng	98
4) n-Nitrosodimethylamine	3.60	42	110104	34.16	ng	98
6) Aniline	7.13	93	164529	19.68	ng	97
8) 2-Chlorophenol	7.37	128	175406	36.33	ng	98
9) Benzaldehyde	6.94	77	41344	8.37	ng	97
10) Phenol	7.00	94	235793	36.93	ng	98
11) bis(2-Chloroethyl)ether	7.23	93	163827	33.18	ng	97
12) 1,3-Dichlorobenzene	7.69	146	163574	30.72	ng	93
13) 1,4-Dichlorobenzene	7.84	146	166938	30.96	ng	96
14) 1,2-Dichlorobenzene	8.15	146	165611	32.00	ng	98
15) Benzyl Alcohol	8.04	79	182384	33.54	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.33	45	305484	33.43	ng	99
17) 2-Methylphenol	8.24	107	159248	35.42	ng	97
18) Hexachloroethane	8.88	117	68991	31.12	ng	99
19) n-Nitroso-di-n-propylamine	8.60	70	154795	29.65	ng	97
20) 3+4-Methylphenols	8.56	107	220056	35.52	ng	95
22) Acetophenone	8.62	105	258769	33.48	ng	# 99
24) Nitrobenzene	9.00	77	214296	31.95	ng	97
25) Isophorone	9.52	82	402272	29.99	ng	99
26) 2-Nitrophenol	9.71	139	89026	32.60	ng	98
27) 2,4-Dimethylphenol	9.77	122	176554	35.72	ng	98
28) bis(2-Chloroethoxy)methane	10.01	93	218857	32.33	ng	98
29) 2,4-Dichlorophenol	10.24	162	166796	35.72	ng	100
30) 1,2,4-Trichlorobenzene	10.46	180	156794	31.66	ng	98
31) Naphthalene	10.64	128	507928	31.47	ng	99
32) Benzoic acid	9.89	122	107852	38.72	ng	89
33) 4-Chloroaniline	10.75	127	106086	14.23	ng	99
34) Hexachlorobutadiene	10.93	225	89746	28.96	ng	94
35) Caprolactam	11.51	113	80185m	33.05	ng	
36) 4-Chloro-3-methylphenol	11.88	107	211640	35.40	ng	99
37) 2-Methylnaphthalene	12.25	142	387435	31.52	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.62	216	172873	29.71	ng	# 100
40) Hexachlorocyclopentadiene	12.61	237	223871	59.58	ng	94

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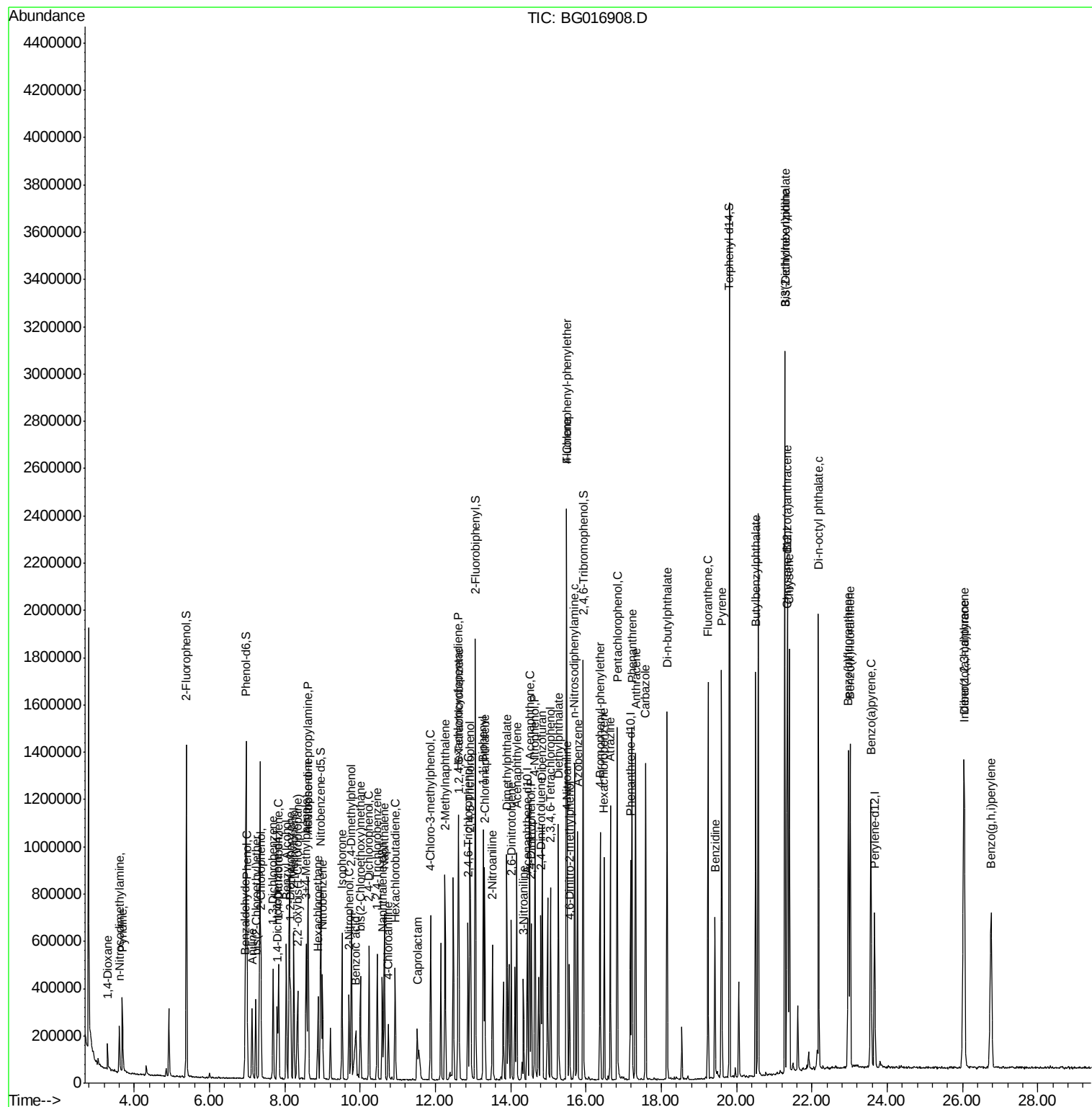
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.86	196	129406	31.39	nq	95
43) 2,4,5-Trichlorophenol	12.94	196	145898	33.34	nq	96
45) 1,1'-Biphenyl	13.27	154	486096	31.55	nq	98
46) 2-Chloronaphthalene	13.31	162	374170	30.66	nq	97
47) 2-Nitroaniline	13.52	65	158120	37.22	nq	96
48) Acenaphthylene	14.16	152	649842	30.57	nq	98
49) Dimethylphthalate	13.90	163	512692	31.90	nq	99
50) 2,6-Dinitrotoluene	14.02	165	114513	34.32	nq	89
51) Acenaphthene	14.50	154	390217	30.85	nq	96
52) 3-Nitroaniline	14.34	138	84023	22.13	nq	91
53) 2,4-Dinitrophenol	14.55	184	118789	77.83	nq	92
54) Dibenzofuran	14.84	168	592980	33.01	nq	98
55) 4-Nitrophenol	14.65	139	232732	72.30	nq	95
56) 2,4-Dinitrotoluene	14.80	165	162674	38.11	nq	96
57) Fluorene	15.49	166	513863	32.31	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.06	232	128273	33.97	nq	# 77
59) Diethylphthalate	15.27	149	549137	32.37	nq	97
60) 4-Chlorophenyl-phenylether	15.49	204	255384	31.96	nq	96
61) 4-Nitroaniline	15.51	138	144716	32.88	nq	97
62) Azobenzene	15.77	77	623068	35.46	nq	97
64) 4,6-Dinitro-2-methylphenol	15.56	198	82803	34.82	nq	95
65) n-Nitrosodiphenylamine	15.70	169	451856	30.86	nq	98
66) 4-Bromophenyl-phenylether	16.38	248	150739	31.31	nq	95
67) Hexachlorobenzene	16.49	284	167559	33.01	nq	94
68) Atrazine	16.65	200	166235	31.55	nq	95
69) Pentachlorophenol	16.83	266	224010	67.97	nq	95
70) Phenanthrene	17.22	178	784026	31.76	nq	99
71) Anthracene	17.32	178	794904	31.92	nq	99
72) Carbazole	17.59	167	782839	33.07	nq	99
73) Di-n-butylphthalate	18.15	149	1004454	32.73	nq	100
74) Fluoranthene	19.24	202	906494	31.66	nq	98
76) Benzidine	19.43	184	338726	20.77	nq	98
77) Pyrene	19.60	202	942401	33.27	nq	100
79) Butylbenzylphthalate	20.51	149	455577	33.84	nq	99
80) Benzo(a)anthracene	21.35	228	871453	33.85	nq	99
81) 3,3'-Dichlorobenzidine	21.28	252	235843	23.46	nq	97
82) Chrysene	21.40	228	810479	33.61	nq	97
83) Bis(2-ethylhexyl)phthalate	21.28	149	625147	33.95	nq	99
84) Di-n-octyl phthalate	22.18	149	1065779	34.45	nq	# 100
85) Indeno(1,2,3-cd)pyrene	26.03	276	974792	33.92	nq	# 100
87) Benzo(b)fluoranthene	22.97	252	888445	35.02	nq	98
88) Benzo(k)fluoranthene	23.02	252	824547	33.78	nq	98
89) Benzo(a)pyrene	23.57	252	839737	35.50	nq	98
90) Dibenzo(a,h)anthracene	26.05	278	819980	33.93	nq	98
91) Benzo(g,h,i)perylene	26.76	276	785679	34.14	nq	100

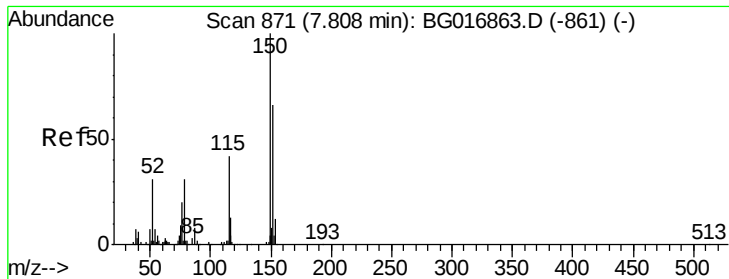
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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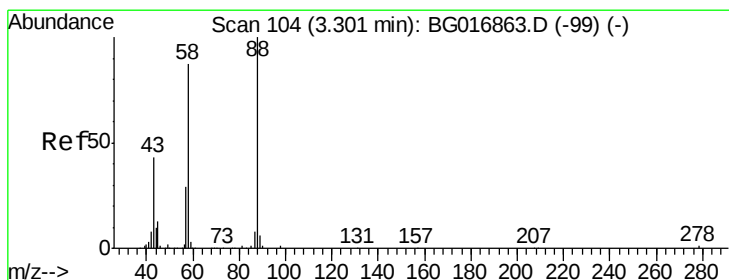
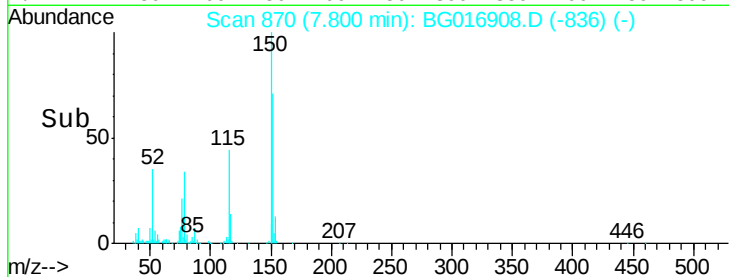
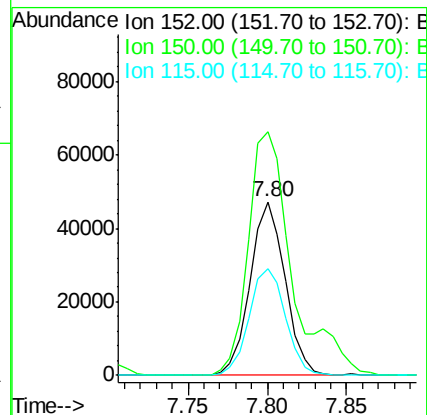
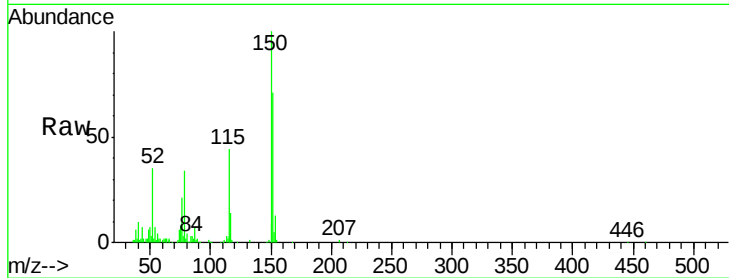


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.80 min Scan# 870
Delta R.T. -0.00 min
Lab File: BG016908.D
Acq: 6 May 2015 20:12

Instrument :
BNA_G
ClientSampleId :
PB83061BS

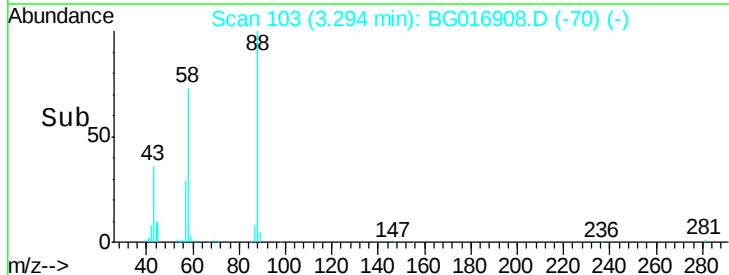
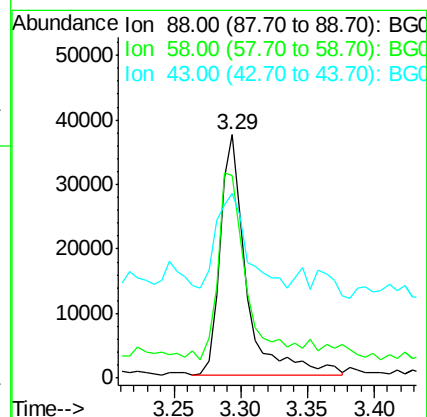
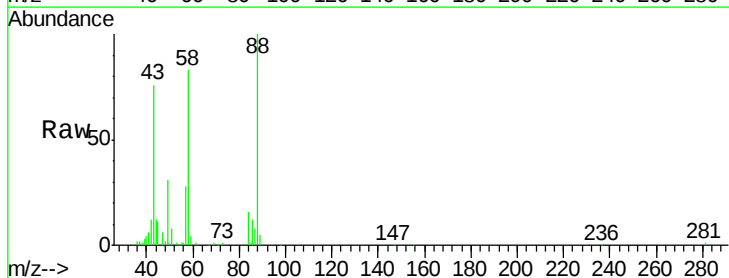
Tot Ion:152 Resp: 72570
Ion Ratio Lower Upper
152 100
150 140.1 121.0 181.4
115 61.3 50.5 75.7



#2

1,4-Dioxane
Concen: 29.61 ng
RT: 3.29 min Scan# 103
Delta R.T. -0.01 min
Lab File: BG016908.D
Acq: 6 May 2015 20:12

Tgt Ion: 88 Resp: 51719
Ion Ratio Lower Upper
88 100
58 80.9 0.1 0.1#
43 47.8 1.3 1.9#





#3

Pvridine

Concen: 26.14 ng

RT: 3.68 min Scan# 169

Delta R.T. -0.01 min

Lab File: BG016908.D

Acq: 6 May 2015 20:12

Instrument :

BNA_G

ClientSampleId :

PB83061BS

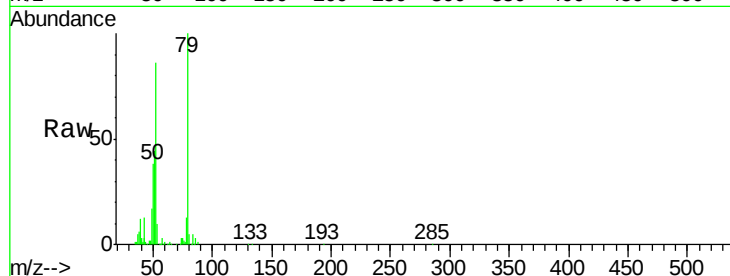
Tot Ion: 79 Resp: 141150

Ion Ratio Lower Upper

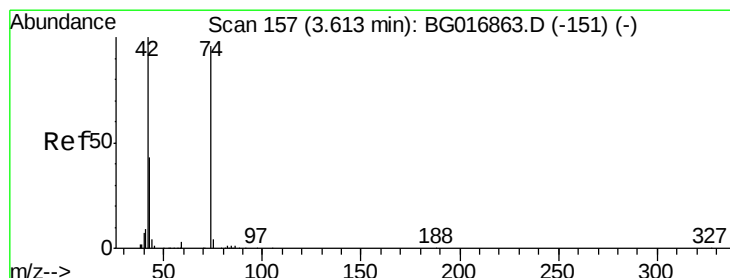
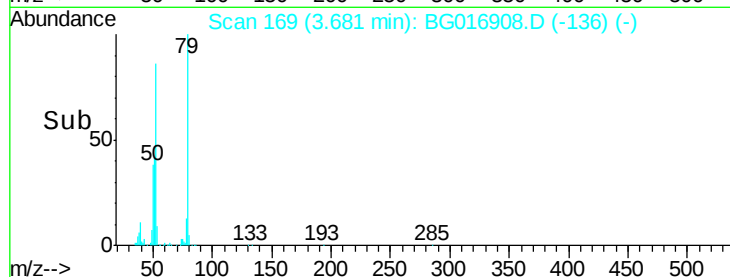
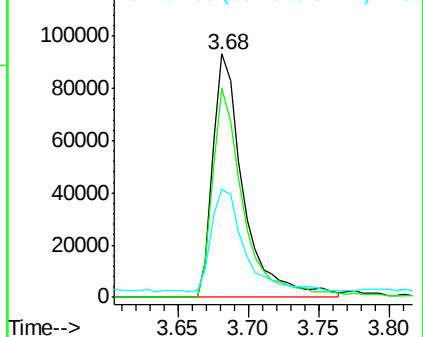
79 100

52 85.9 68.5 102.7

51 44.5 37.8 56.8



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: 34.16 ng

RT: 3.60 min Scan# 156

Delta R.T. -0.00 min

Lab File: BG016908.D

Acq: 6 May 2015 20:12

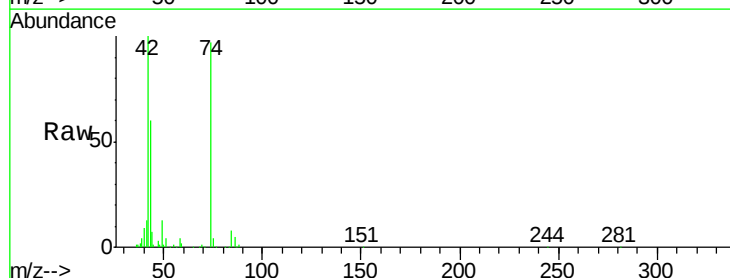
Tgt Ion: 42 Resp: 110104

Ion Ratio Lower Upper

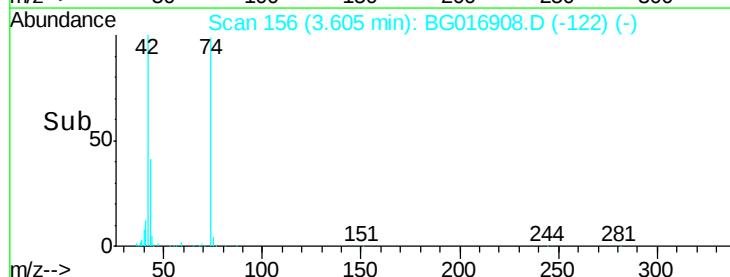
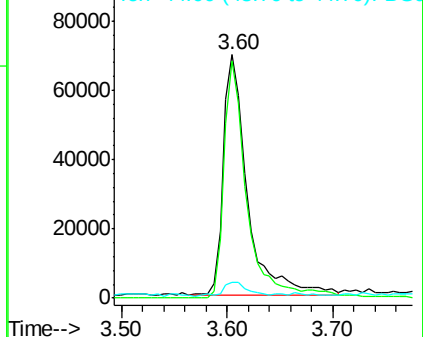
42 100

74 97.3 76.2 114.2

44 6.6 4.9 7.3



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: 121.35 ng

RT: 5.39 min Scan# 459

Delta R.T. 0.00 min

Lab File: BG016908.D

Acq: 6 May 2015 20:12

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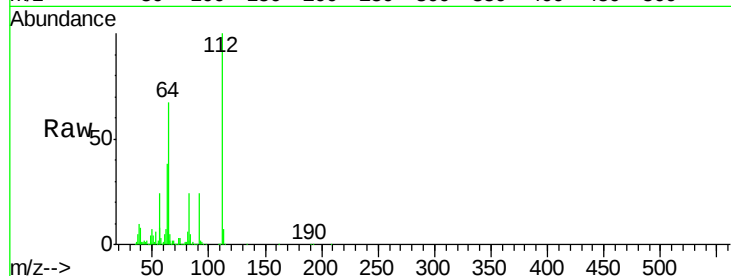
Tot Ion:112 Resp: 505776

Ion Ratio Lower Upper

112 100

64 67.4 51.4 77.2

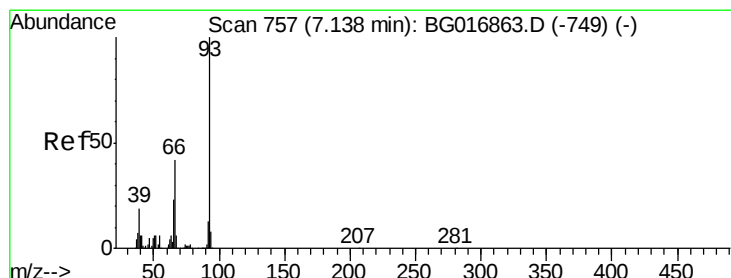
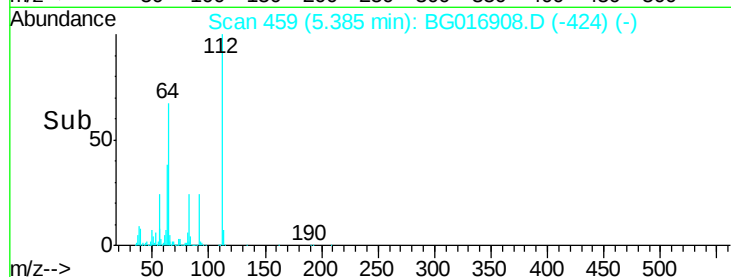
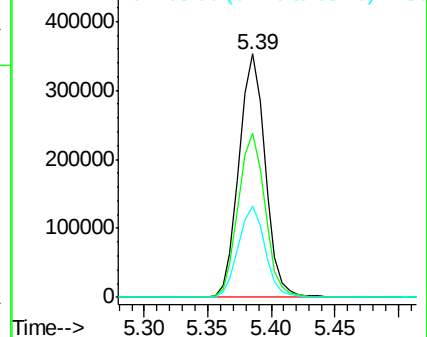
63 37.7 28.1 42.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 19.68 ng

RT: 7.13 min Scan# 756

Delta R.T. -0.00 min

Lab File: BG016908.D

Acq: 6 May 2015 20:12

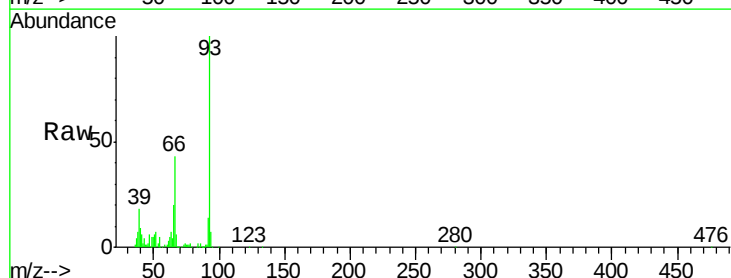
Tgt Ion: 93 Resp: 164529

Ion Ratio Lower Upper

93 100

66 42.9 33.8 50.6

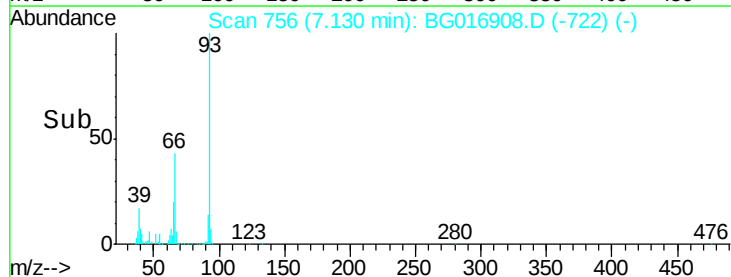
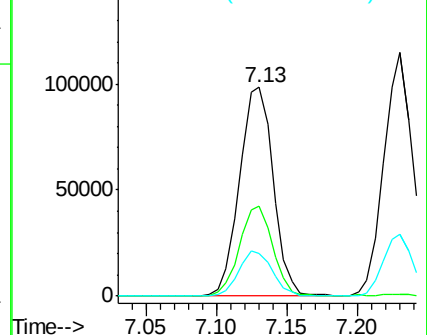
65 20.3 18.7 28.1

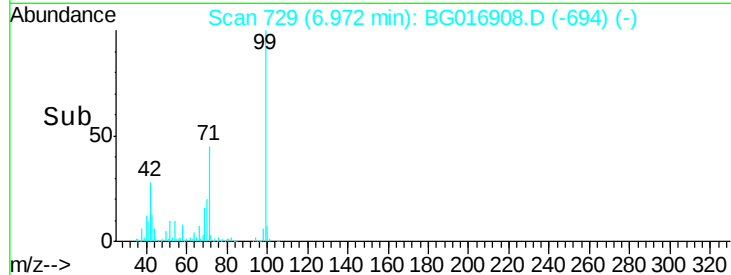
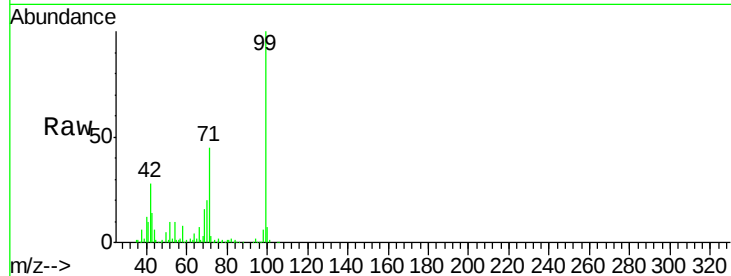


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 113.56 ng

RT: 6.97 min Scan# 729

Delta R.T. 0.00 min

Lab File: BG016908.D

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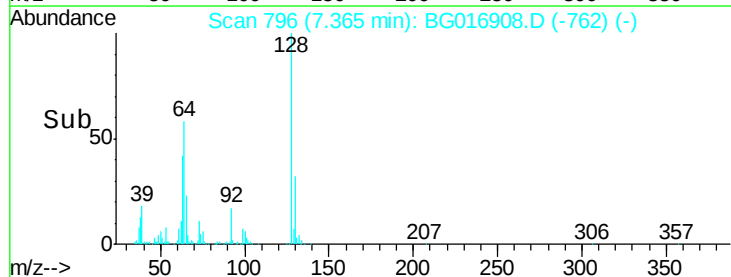
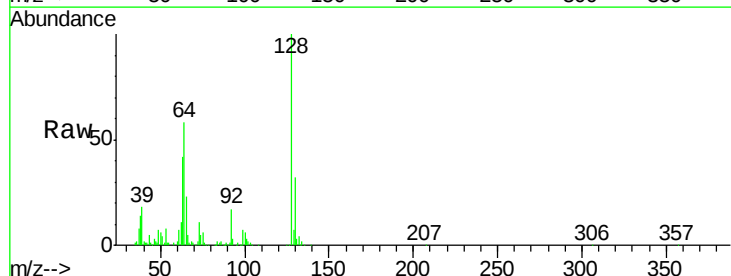
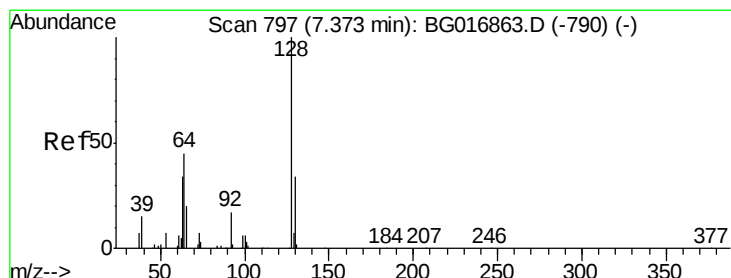
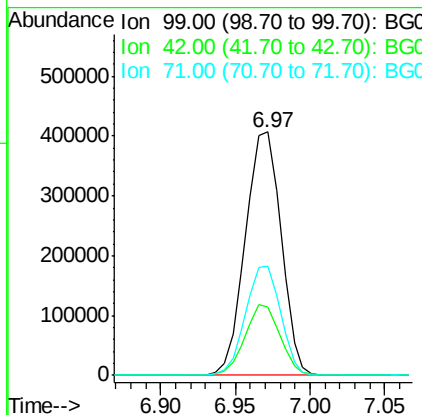
Tot Ion: 99 Resp: 676195

Ion Ratio Lower Upper

99 100

42 27.9 22.1 33.1

71 44.6 33.4 50.0



#8

2-Chlorophenol

Concen: 36.33 ng

RT: 7.37 min Scan# 796

Delta R.T. -0.00 min

Lab File: BG016908.D

Acq: 6 May 2015 20:12

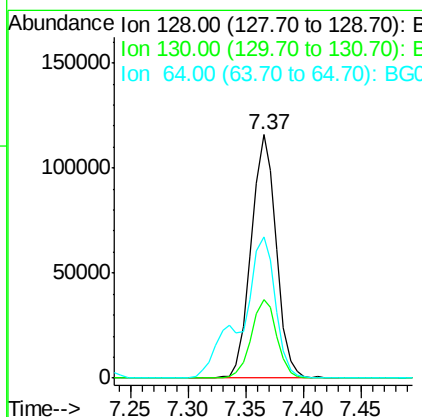
Tgt Ion:128 Resp: 175406

Ion Ratio Lower Upper

128 100

130 32.3 14.4 54.4

64 57.9 38.4 78.4





#9

Benzaldehyde

Concen: 8.37 ng

RT: 6.94 min Scan# 724

Delta R.T. -0.00 min

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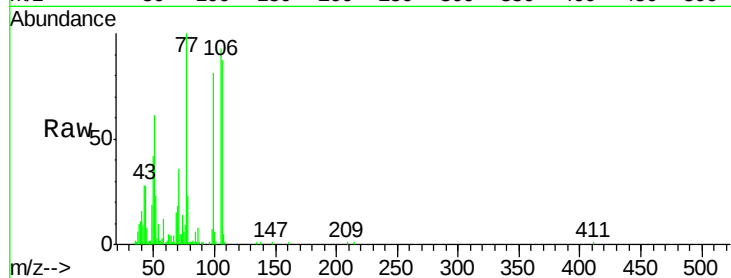
Tot Ion: 77 Resp: 41344

Ion Ratio Lower Upper

77 100

105 92.8 71.6 111.6

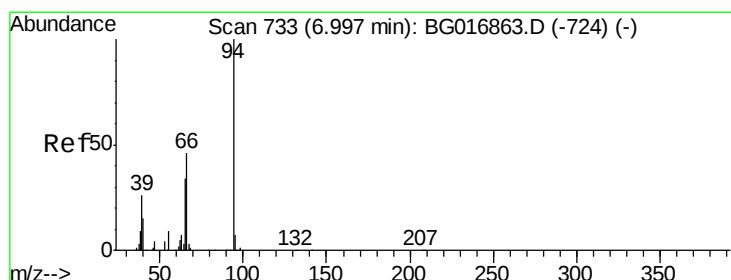
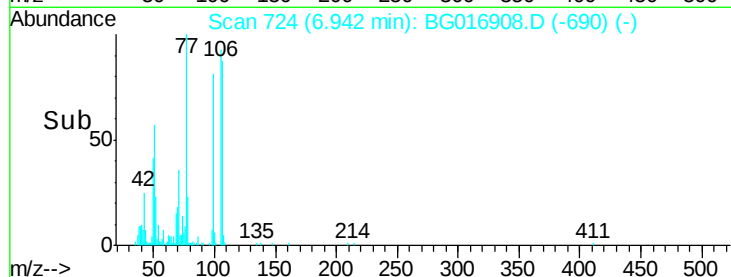
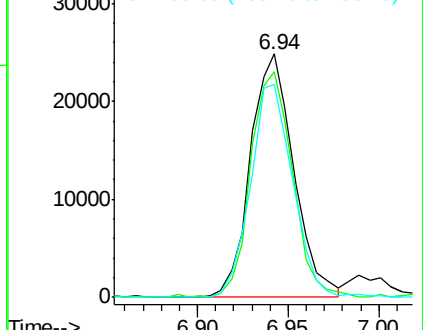
106 87.3 71.5 111.5



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 36.93 ng

RT: 7.00 min Scan# 733

Delta R.T. 0.00 min

Lab File: BG016908.D

Acq: 6 May 2015 20:12

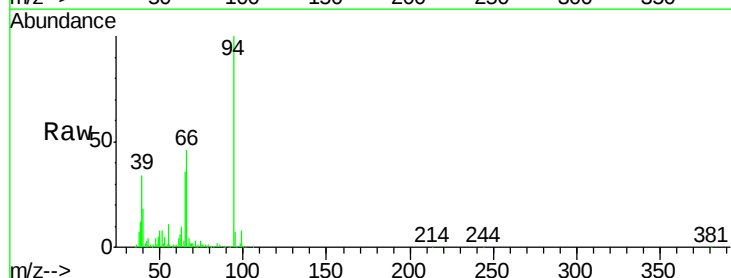
Tgt Ion: 94 Resp: 235793

Ion Ratio Lower Upper

94 100

65 36.0 14.3 54.3

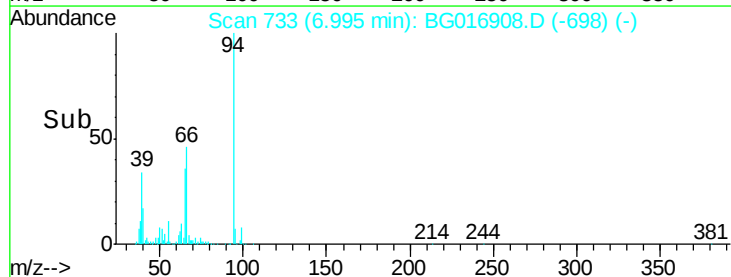
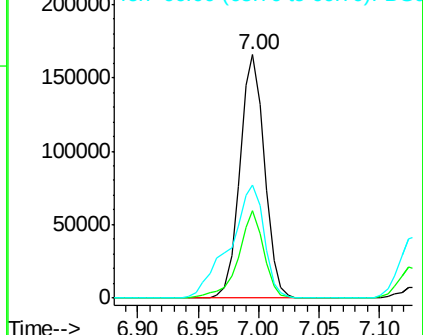
66 46.4 26.9 66.9

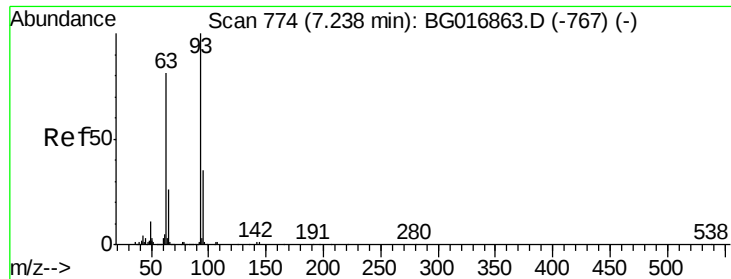


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

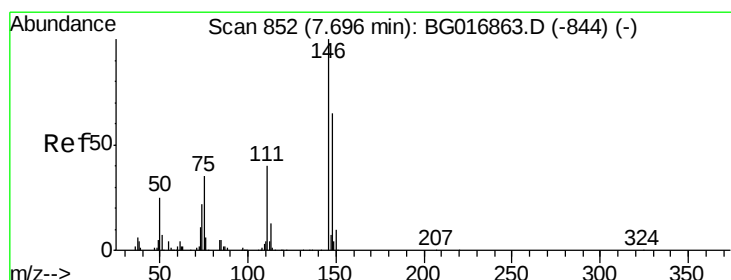
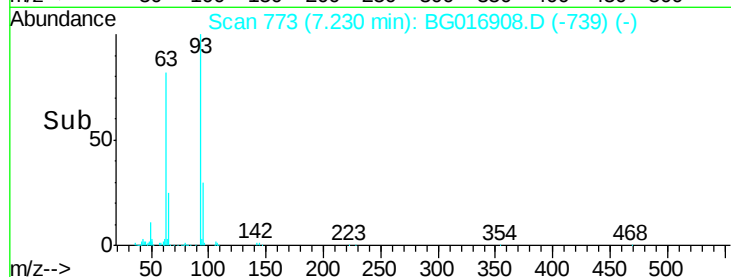
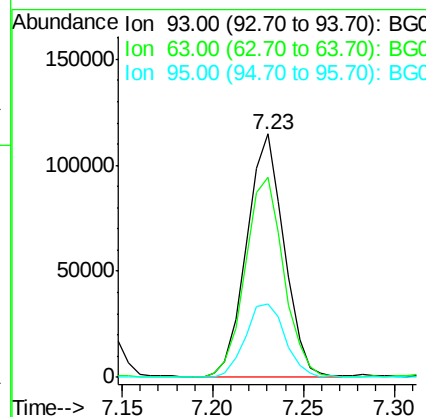
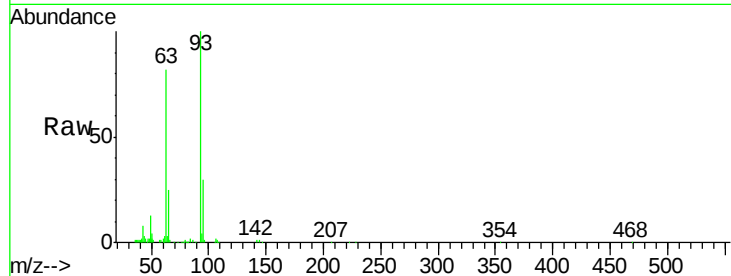




#11
bis(2-Chloroethyl)ether
Concen: 33.18 ng
RT: 7.23 min Scan# 773
Delta R.T. -0.00 min
Lab File: BG016908.D
Acq: 6 May 2015 20:12

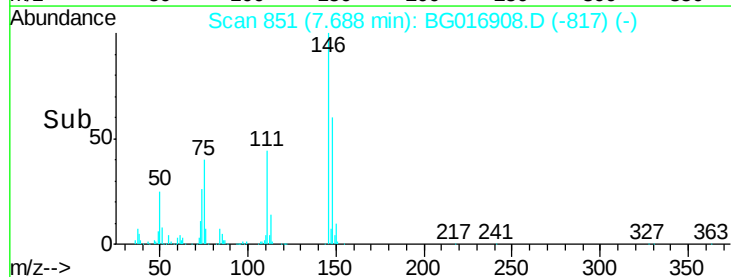
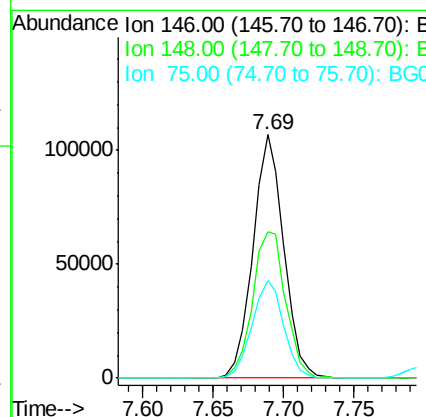
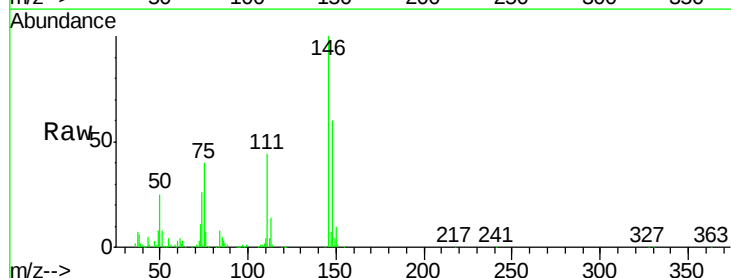
Instrument :
BNA_G
ClientSampleId :
PB83061BS

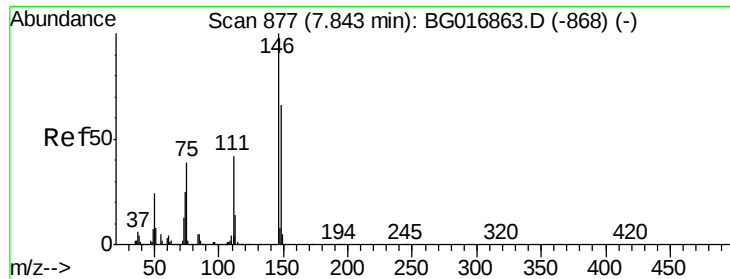
Tot Ion	Ratio	Lower	Upper
93	100		
63	82.3	61.2	101.2
95	30.3	15.0	55.0



#12
1,3-Dichlorobenzene
Concen: 30.72 ng
RT: 7.69 min Scan# 851
Delta R.T. -0.00 min
Lab File: BG016908.D
Acq: 6 May 2015 20:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.0	51.9	77.9
75	40.0	28.2	42.2

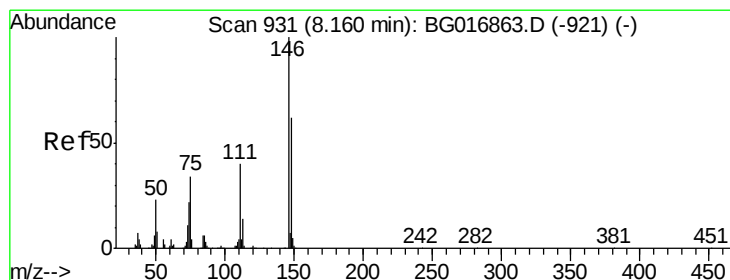
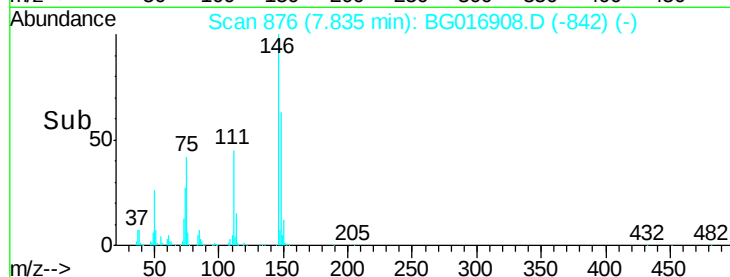
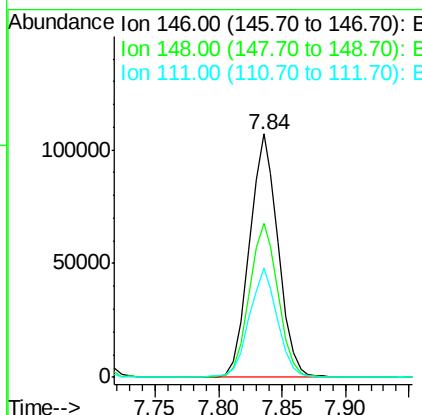
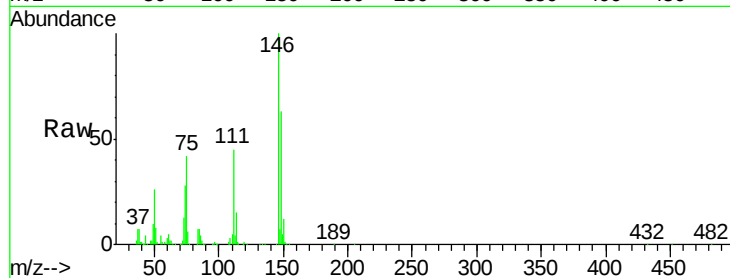




#13
 1,4-Dichlorobenzene
 Concen: 30.96 ng
 RT: 7.84 min Scan# 876
 Delta R.T. -0.00 min
 Lab File: BG016908.D
 Acq: 6 May 2015 20:12

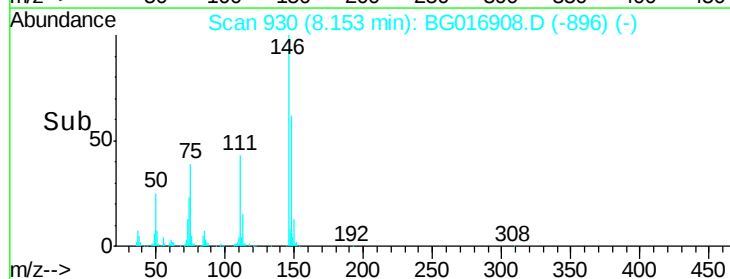
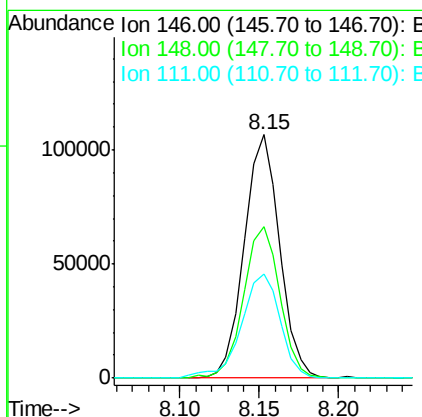
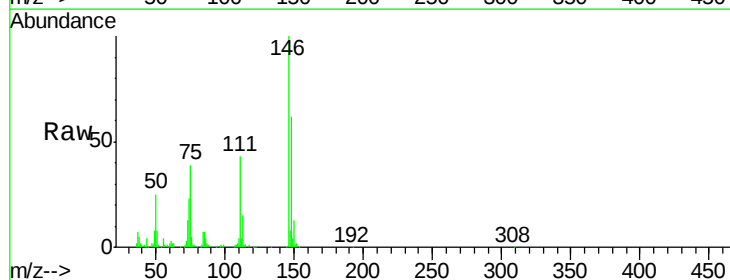
Instrument :
 BNA_G
 ClientSampleId :
 PB83061BS

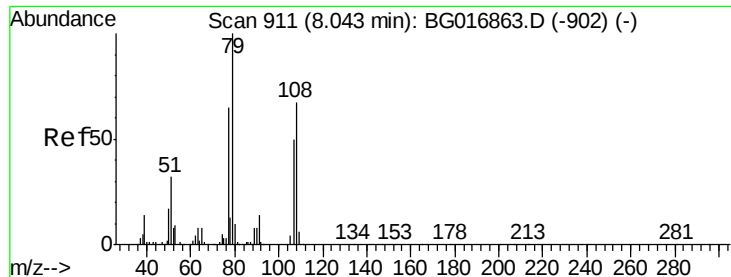
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	52.8	79.2
111	45.1	33.9	50.9



#14
 1,2-Dichlorobenzene
 Concen: 32.00 ng
 RT: 8.15 min Scan# 930
 Delta R.T. -0.00 min
 Lab File: BG016908.D
 Acq: 6 May 2015 20:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.2	49.9	74.9
111	42.8	32.1	48.1





#15

Benzyl Alcohol

Concen: 33.54 ng

RT: 8.04 min Scan# 911

Delta R.T. 0.00 min

Lab File: BG016908.D

Acq: 6 May 2015 20:12

Instrument :

BNA_G

ClientSampleId :

PB83061BS

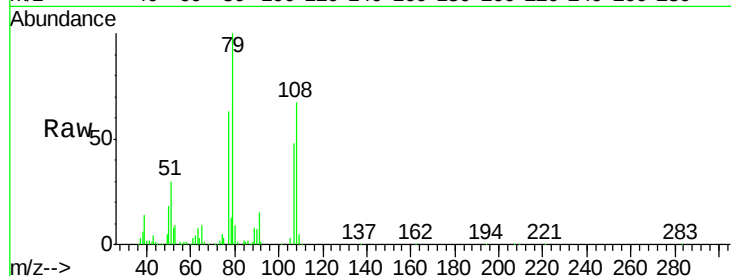
Tot Ion: 79 Resp: 182384

Ion Ratio Lower Upper

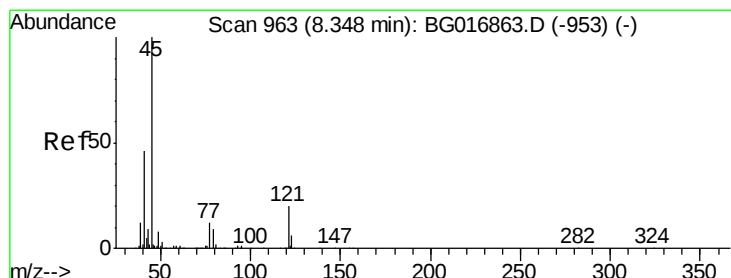
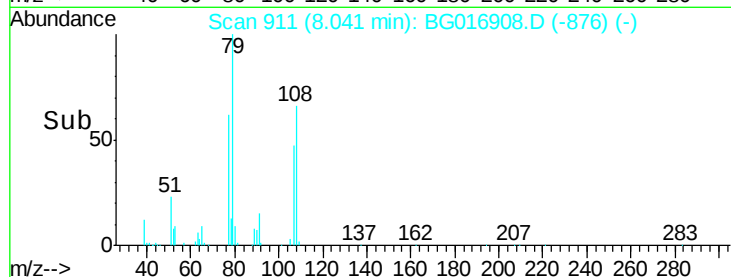
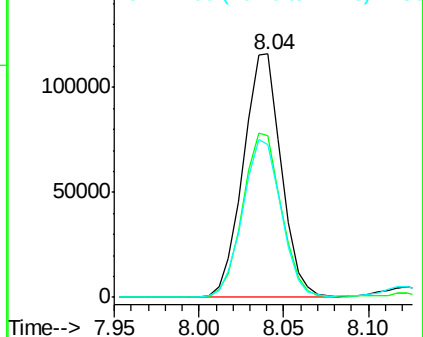
79 100

108 66.6 53.4 80.2

77 62.6 52.2 78.2



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.43 ng

RT: 8.33 min Scan# 961

Delta R.T. -0.01 min

Lab File: BG016908.D

Acq: 6 May 2015 20:12

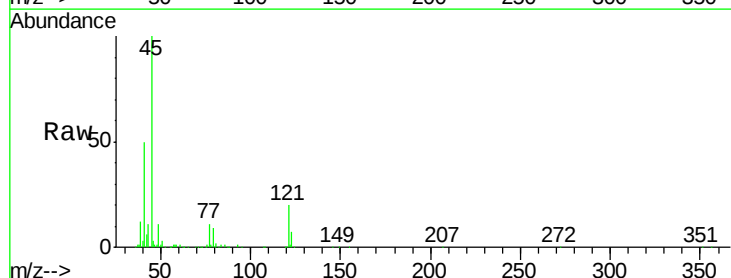
Tgt Ion: 45 Resp: 305484

Ion Ratio Lower Upper

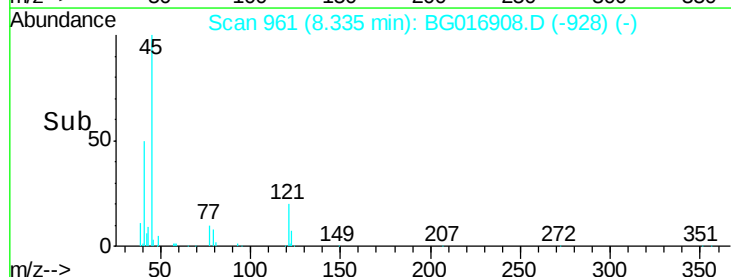
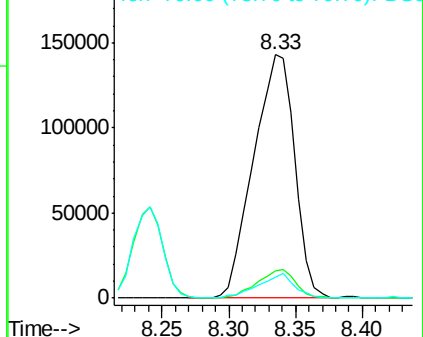
45 100

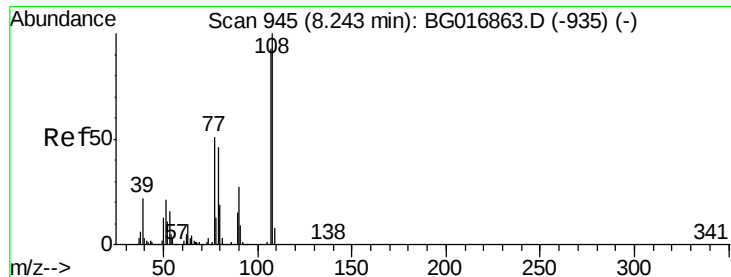
77 11.1 0.0 31.8

79 8.8 0.0 29.1



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





#17

2-Methylphenol

Concen: 35.42 ng

RT: 8.24 min Scan# 945

Delta R.T. 0.00 min

Lab File: BG016908.D

Acq: 6 May 2015 20:12

Instrument :

BNA_G

ClientSampleId :

PB83061BS

Tot Ion:107 Resp: 159248

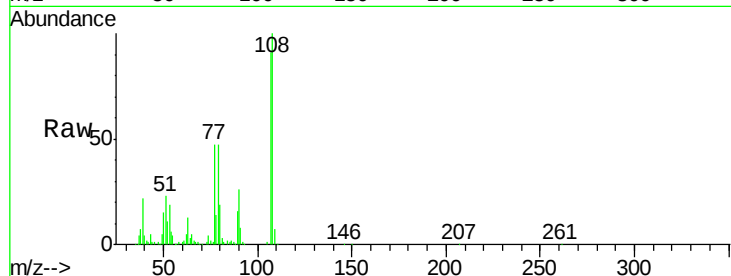
Ion Ratio Lower Upper

107 100

108 110.5 85.9 128.9

77 51.9 43.8 65.6

79 51.9 39.8 59.6

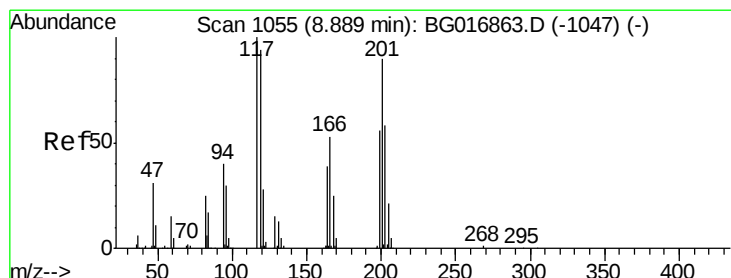
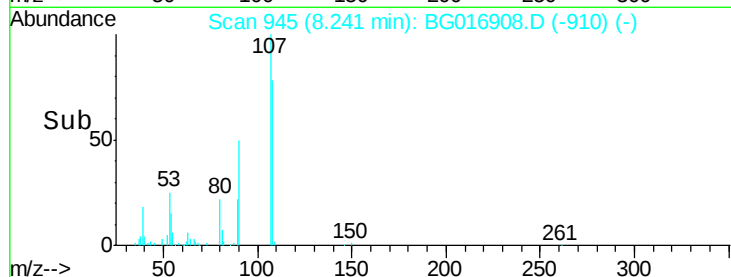
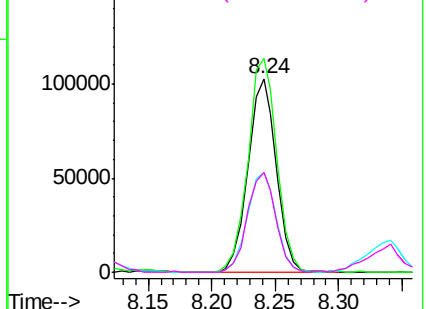


Abundance Ion 107.00 (106.70 to 107.70): E

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: 31.12 ng

RT: 8.88 min Scan# 1054

Delta R.T. -0.00 min

Lab File: BG016908.D

Acq: 6 May 2015 20:12

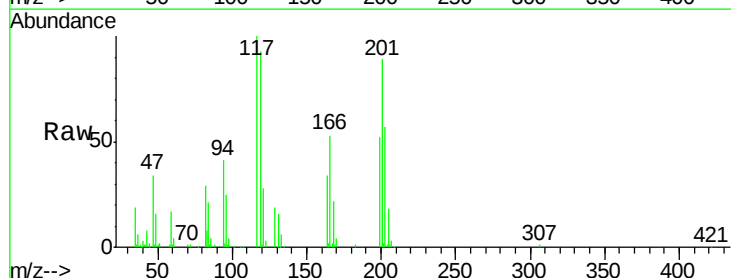
Tgt Ion:117 Resp: 68991

Ion Ratio Lower Upper

117 100

119 92.7 74.8 112.2

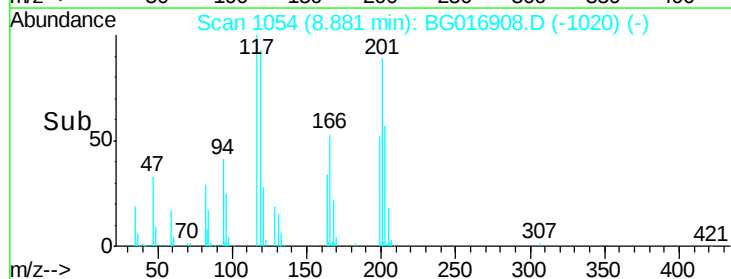
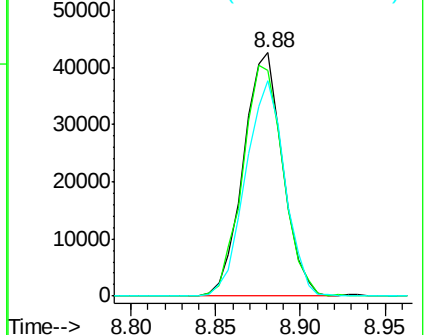
201 88.6 72.1 108.1

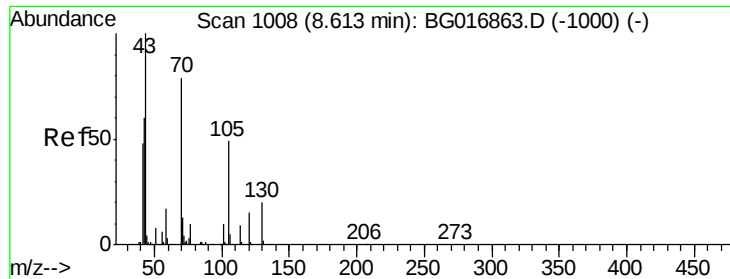


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

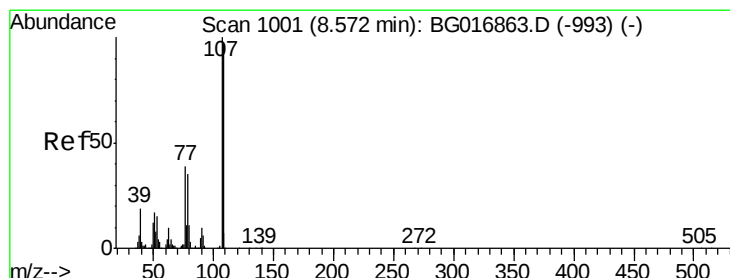
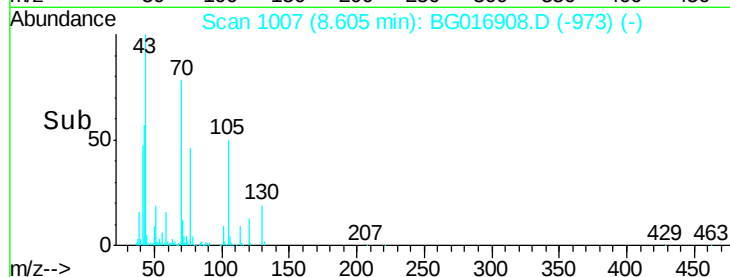
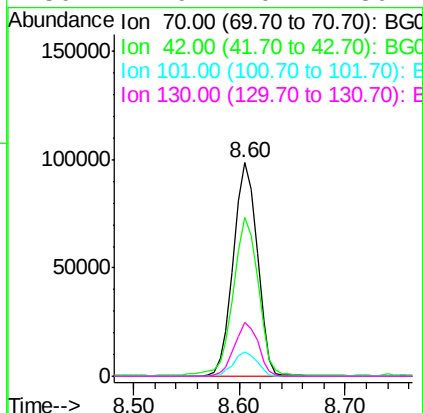
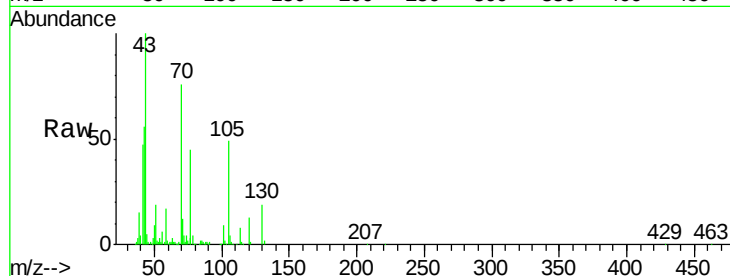




#19
n-Nitroso-di-n-propylamine
Concen: 29.65 ng
RT: 8.60 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BG016908.D
Acq: 6 May 2015 20:12

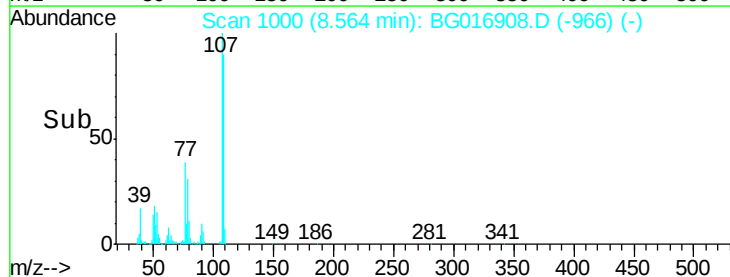
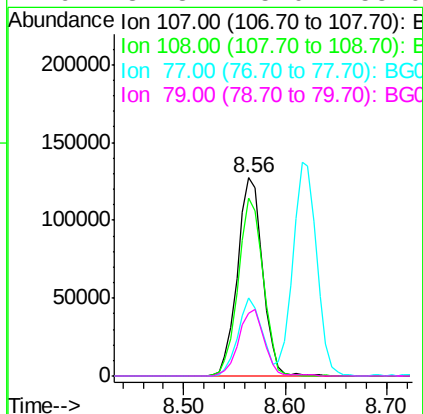
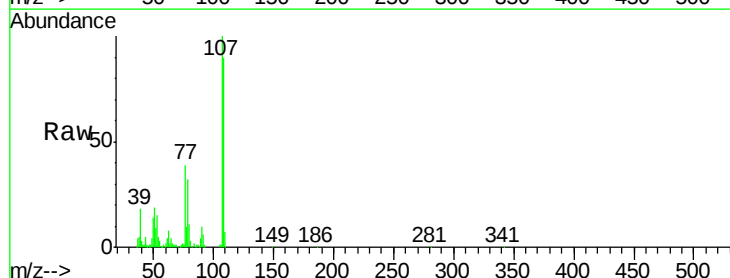
Instrument :
BNA_G
ClientSampleId :
PB83061BS

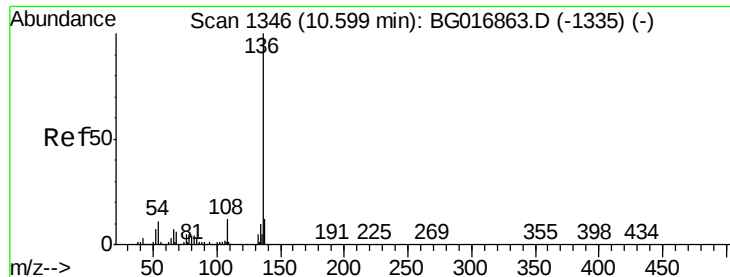
Tot Ion:	70	Resp:	154795
Ion	Ratio	Lower	Upper
70	100		
42	74.1	61.5	92.3
101	11.4	9.8	14.6
130	24.9	20.2	30.4



#20
3+4-Methylphenols
Concen: 35.52 ng
RT: 8.56 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BG016908.D
Acq: 6 May 2015 20:12

Tgt Ion:	107	Resp:	220056
Ion	Ratio	Lower	Upper
107	100		
108	89.9	76.6	116.6
77	39.5	19.0	59.0
79	31.8	15.0	55.0

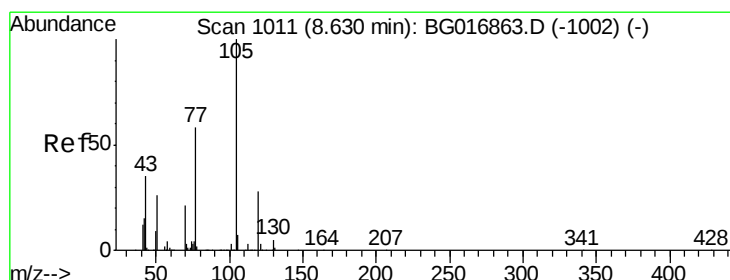
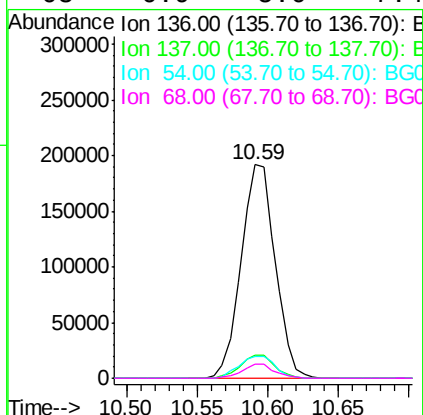
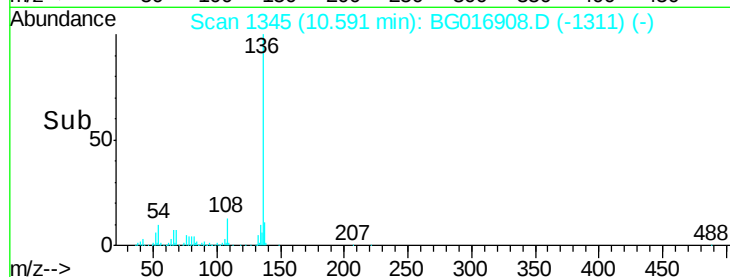
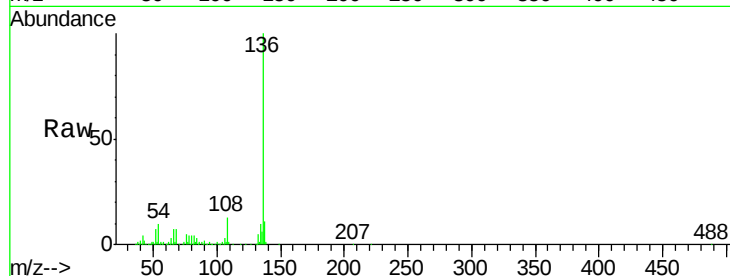




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.59 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BG016908.D
Acq: 6 May 2015 20:12

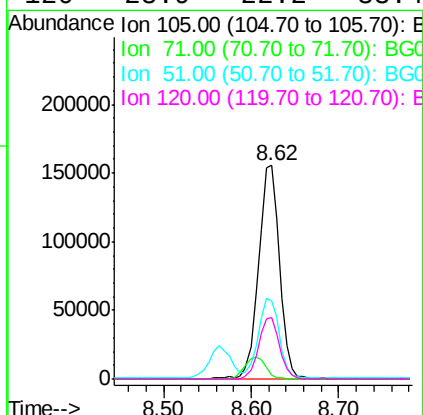
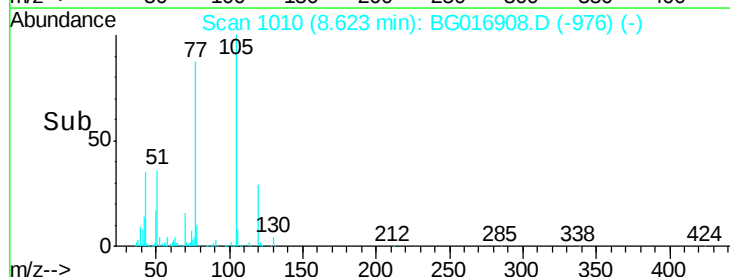
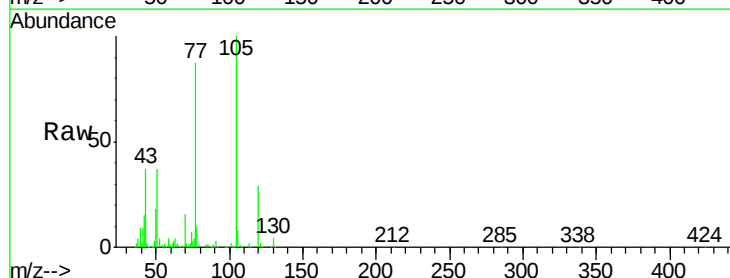
Instrument :
BNA_G
ClientSampleId :
PB83061BS

Tot Ion:136	Resp:	324503	
Ion Ratio	Lower	Upper	
136 100			
137 10.9	9.8	14.8	
54 10.3	8.7	13.1	
68 6.9	5.0	7.4	



#22
Acetophenone
Concen: 33.48 ng
RT: 8.62 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BG016908.D
Acq: 6 May 2015 20:12

Tgt	Ion:105	Resp:	258769
Ion	Ratio	Lower	Upper
105	100		
71	1.9	2.8	4.2#
51	36.5	29.4	44.2
120	28.9	22.2	33.4

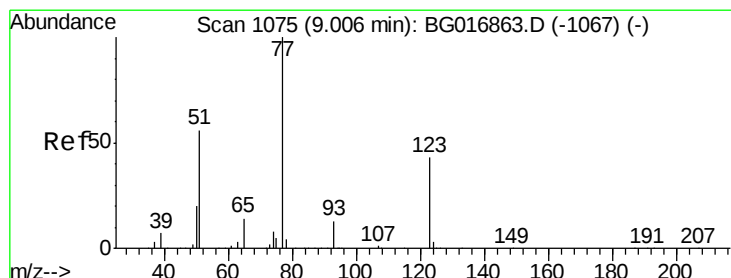
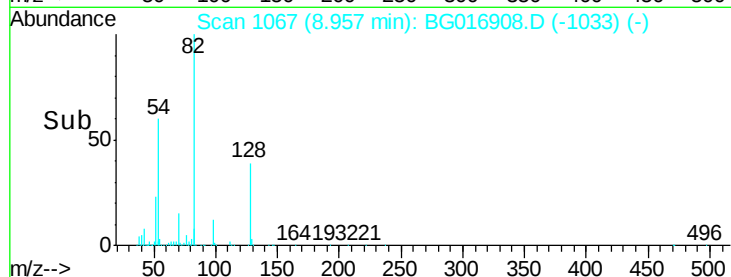
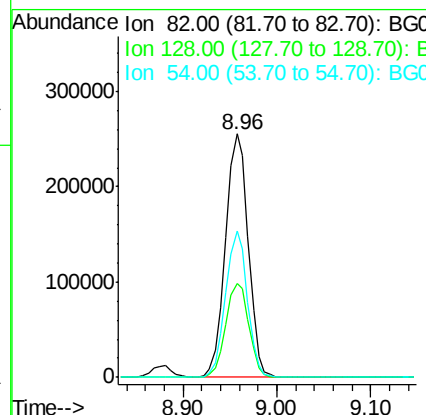
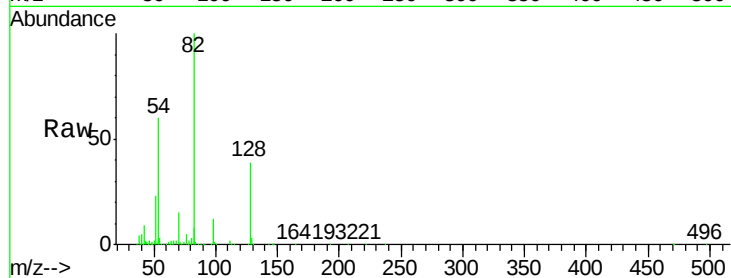




#23
 Nitrobenzene-d5
 Concen: 65.11 ng
 RT: 8.96 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: BG016908.D
 Acq: 6 May 2015 20:12

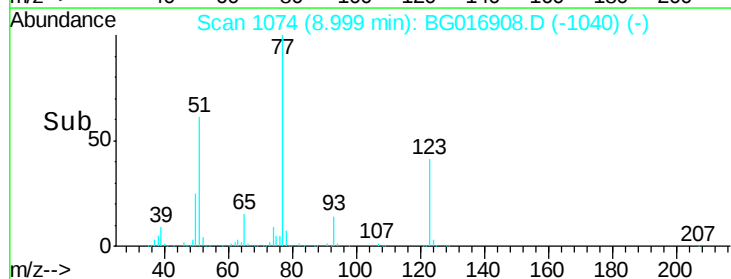
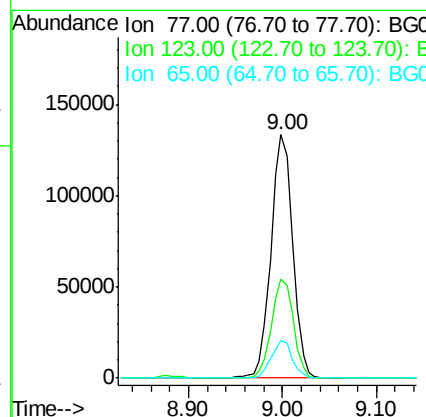
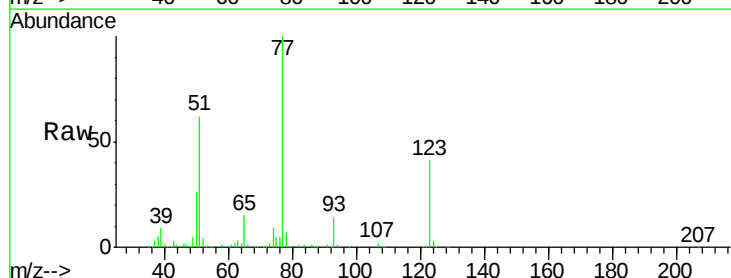
Instrument :
 BNA_G
 ClientSampleId :
 PB83061BS

Tot Ion	82	Resp	432487
Ion	Ratio	Lower	Upper
82	100		
128	38.7	33.2	49.8
54	59.9	48.6	72.8



#24
 Nitrobenzene
 Concen: 31.95 ng
 RT: 9.00 min Scan# 1074
 Delta R.T. -0.00 min
 Lab File: BG016908.D
 Acq: 6 May 2015 20:12

Tgt Ion	77	Resp	214296
Ion	Ratio	Lower	Upper
77	100		
123	40.8	34.0	51.0
65	15.5	11.2	16.8





#25

Isophorone

Concen: 29.99 ng

RT: 9.52 min Scan# 1163

Delta R.T. -0.00 min

Lab File: BG016908.D

Acq: 6 May 2015 20:12

Instrument :

BNA_G

ClientSampleId :

PB83061BS

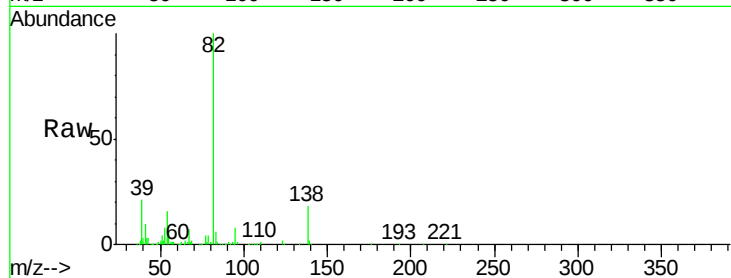
Tot Ion: 82 Resp: 402272

Ion Ratio Lower Upper

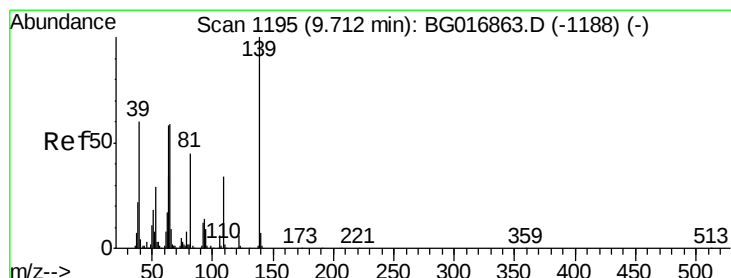
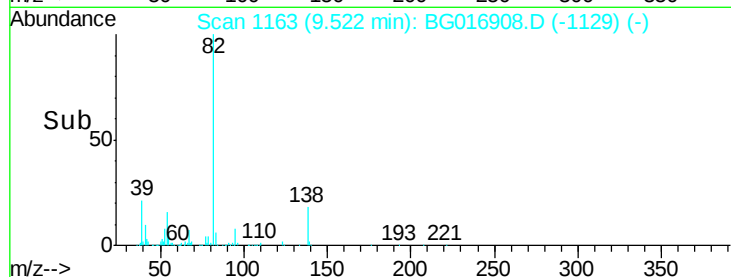
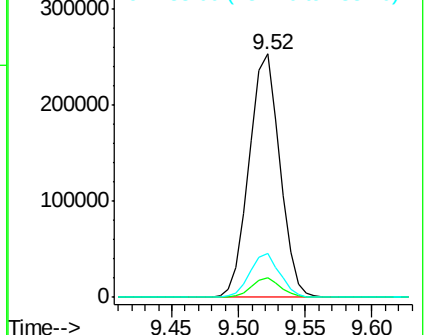
82 100

95 8.2 6.7 10.1

138 18.0 14.7 22.1



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: 32.60 ng

RT: 9.71 min Scan# 1195

Delta R.T. -0.00 min

Lab File: BG016908.D

Acq: 6 May 2015 20:12

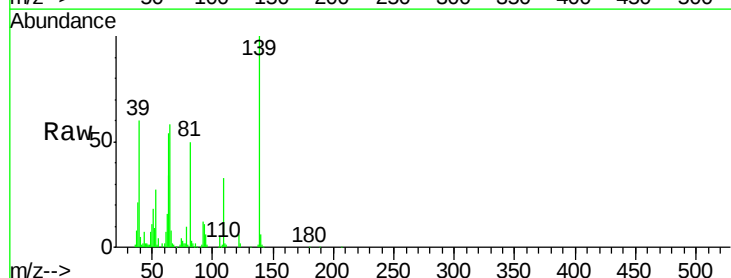
Tgt Ion: 139 Resp: 89026

Ion Ratio Lower Upper

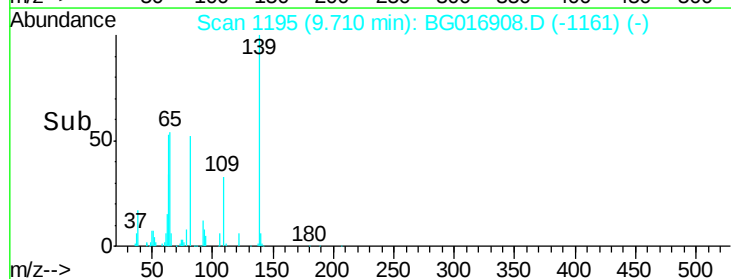
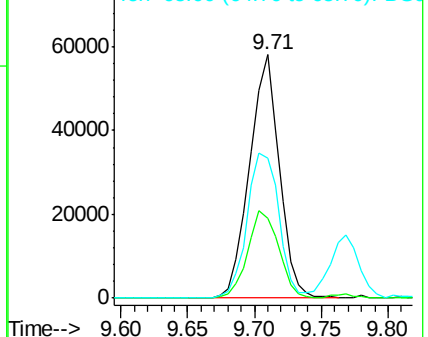
139 100

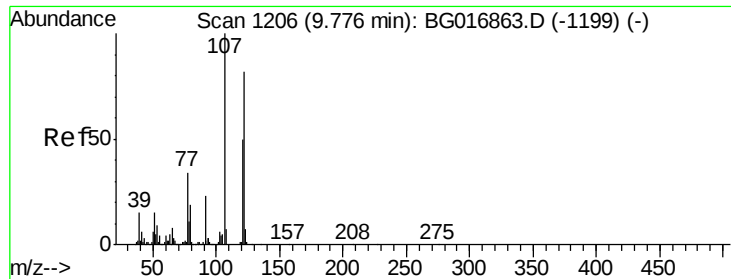
109 32.8 27.4 41.2

65 57.6 47.1 70.7



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

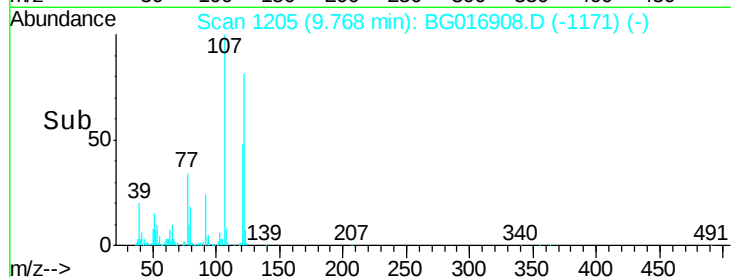
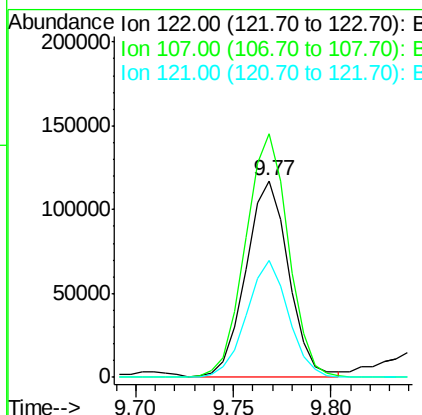
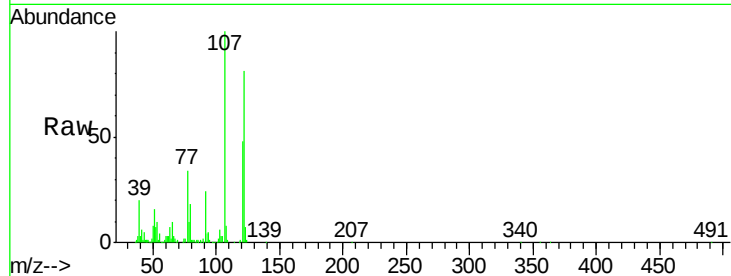




#27
 2,4-Dimethylphenol
 Concen: 35.72 ng
 RT: 9.77 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BG016908.D
 Acq: 6 May 2015 20:12

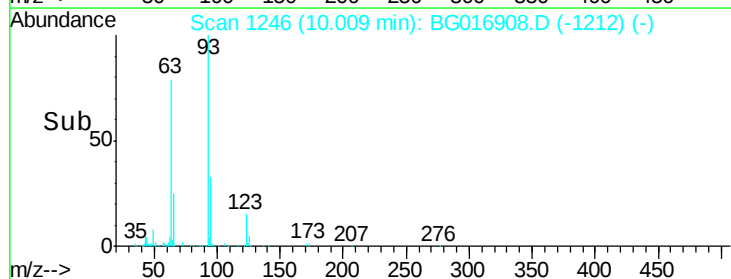
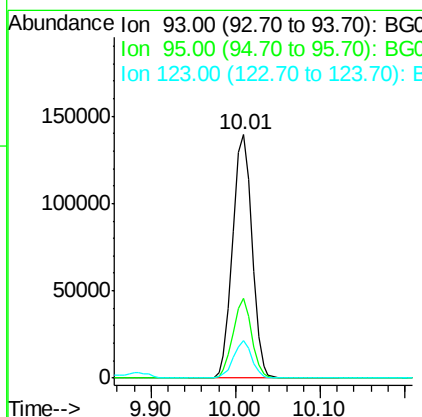
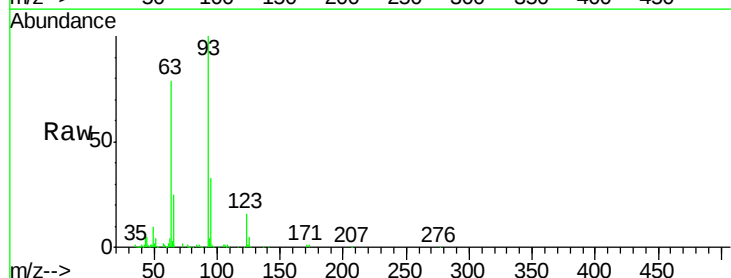
Instrument :
 BNA_G
 ClientSampleId :
 PB83061BS

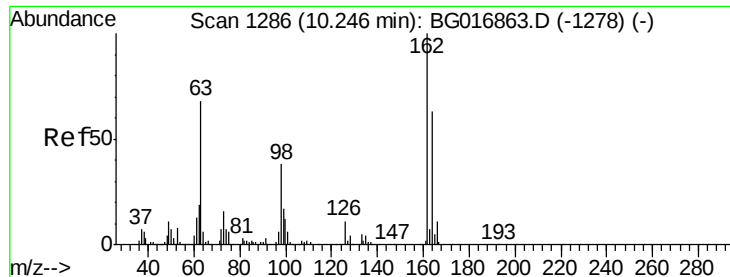
Tot Ion	Ratio	Lower	Upper
122	100		
107	124.0	97.6	146.4
121	59.5	48.4	72.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 32.33 ng
 RT: 10.01 min Scan# 1246
 Delta R.T. -0.00 min
 Lab File: BG016908.D
 Acq: 6 May 2015 20:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	24.8	37.2
123	15.6	12.6	19.0

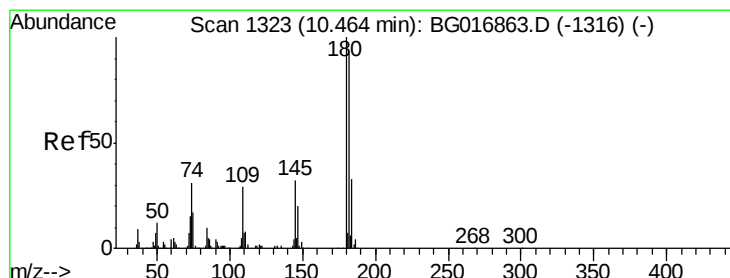
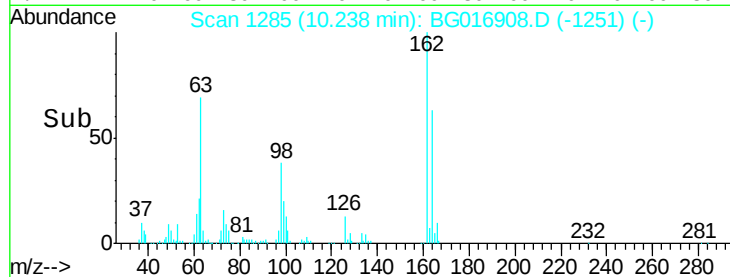
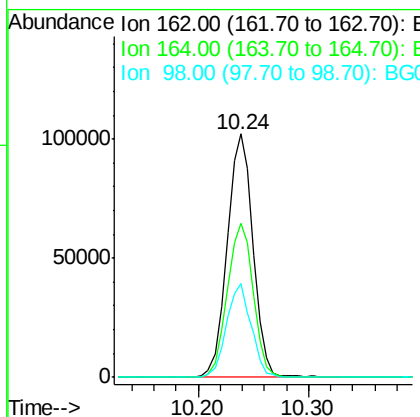
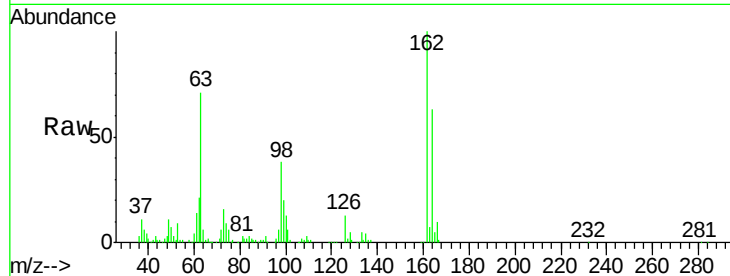




#29
 2,4-Dichlorophenol
 Concen: 35.72 ng
 RT: 10.24 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: BG016908.D
 Acq: 6 May 2015 20:12

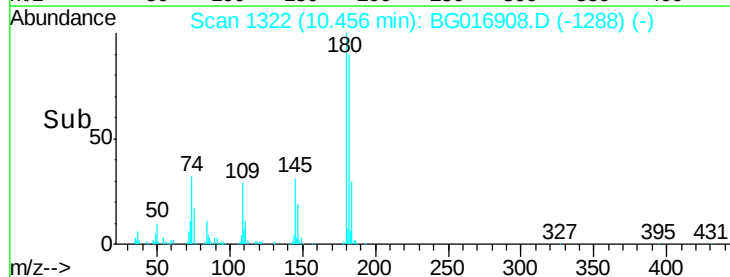
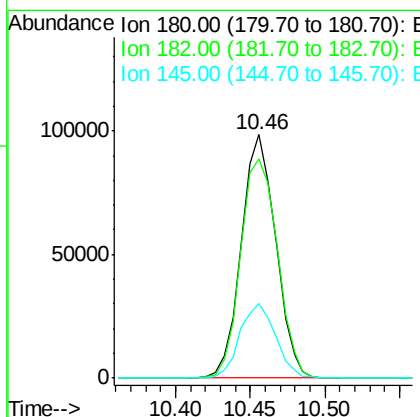
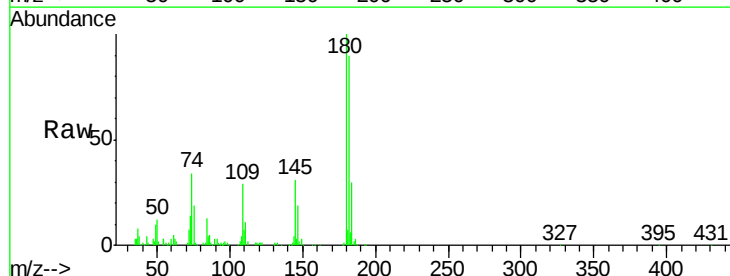
Instrument :
 BNA_G
 ClientSampleId :
 PB83061BS

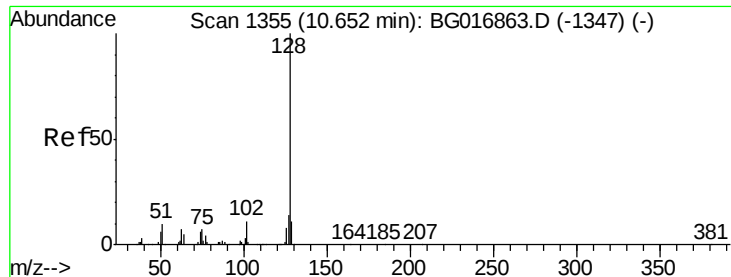
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	42.9	82.9
98	38.4	18.4	58.4



#30
 1,2,4-Trichlorobenzene
 Concen: 31.66 ng
 RT: 10.46 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: BG016908.D
 Acq: 6 May 2015 20:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.1	73.8	110.8
145	30.8	25.4	38.0

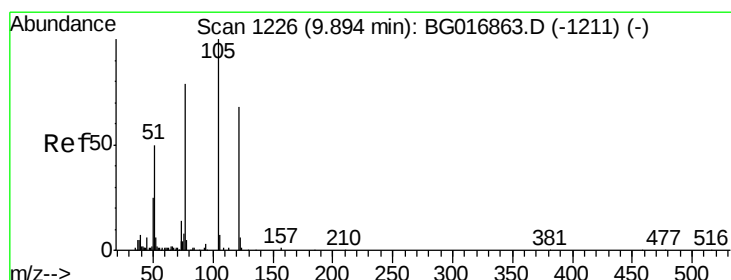
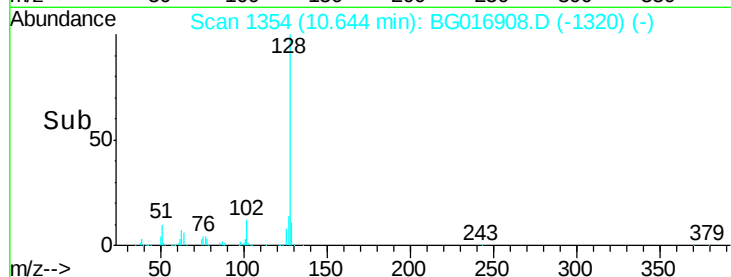
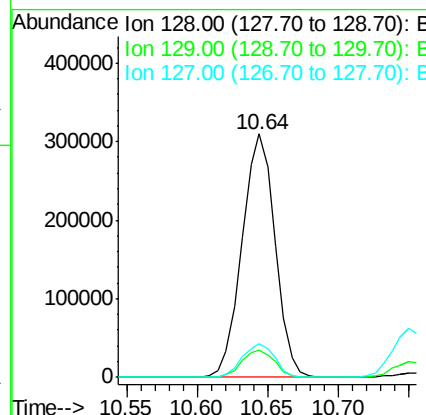
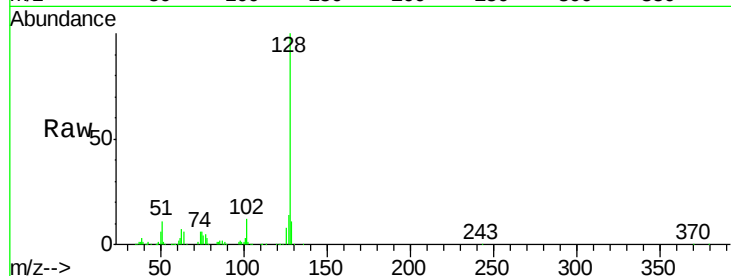




#31
Naphthalene
Concen: 31.47 ng
RT: 10.64 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG016908.D
Acq: 6 May 2015 20:12

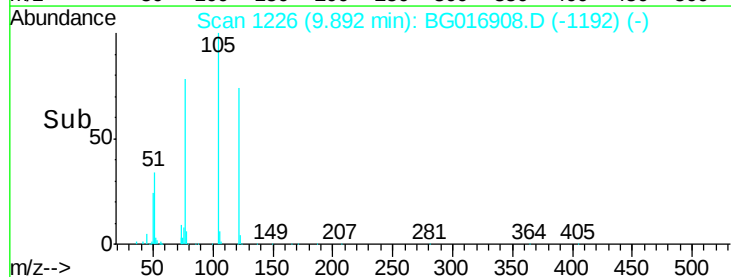
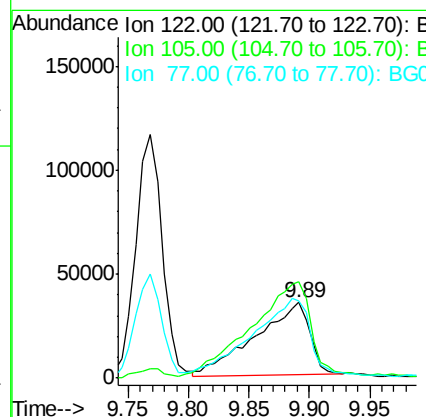
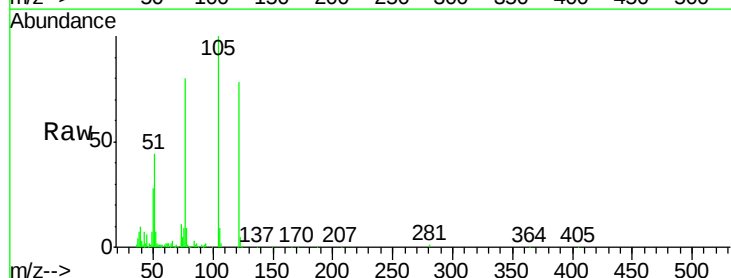
Instrument :
BNA_G
ClientSampleId :
PB83061BS

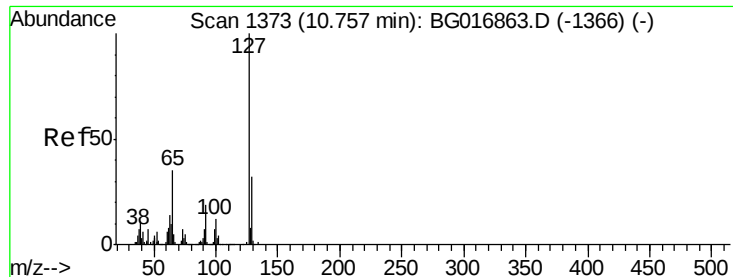
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.1	13.7
127	13.7	10.9	16.3



#32
Benzoic acid
Concen: 38.72 ng
RT: 9.89 min Scan# 1226
Delta R.T. -0.00 min
Lab File: BG016908.D
Acq: 6 May 2015 20:12

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.5	123.2	163.2
77	102.2	93.0	133.0

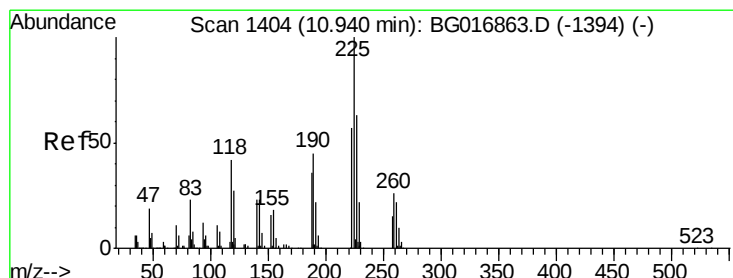
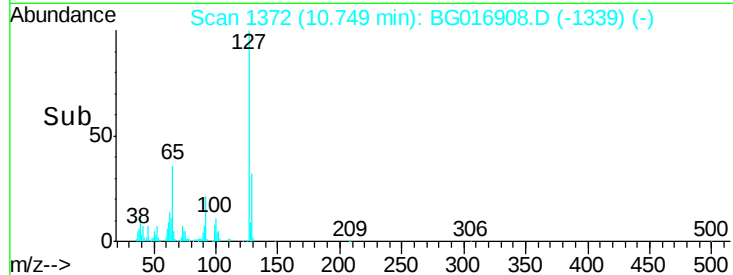
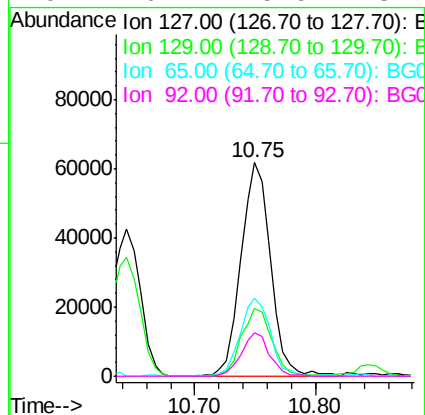
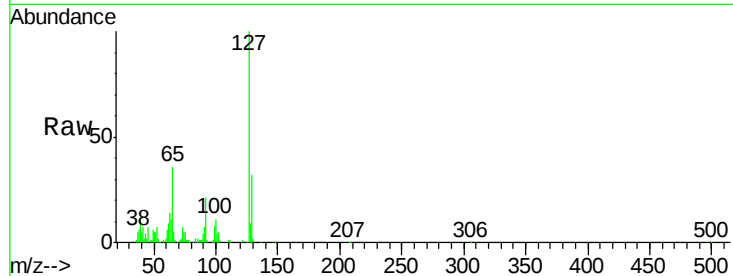




#33
4-Chloroaniline
Concen: 14.23 ng
RT: 10.75 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BG016908.D
Acq: 6 May 2015 20:12

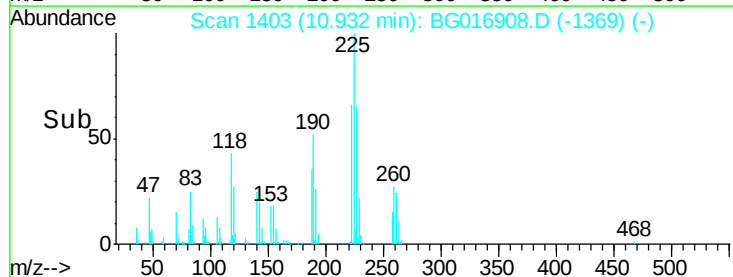
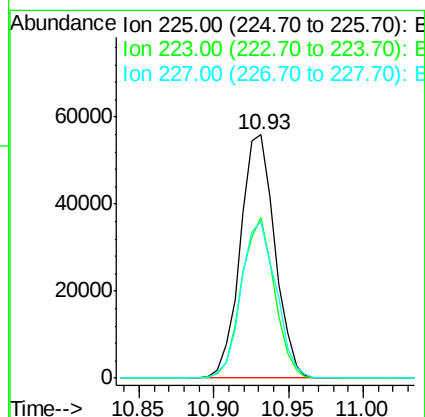
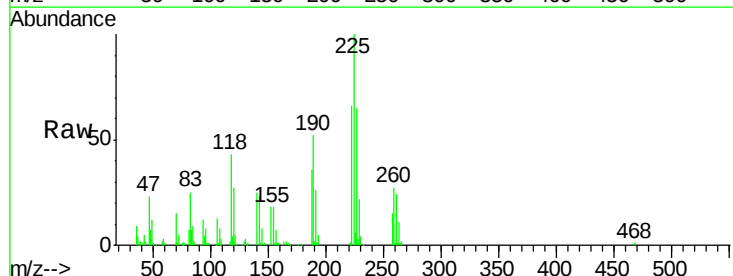
Instrument :
BNA_G
ClientSampleId :
PB83061BS

Tot Ion:127	Resp:	106086
Ion	Ratio	Lower Upper
127	100	
129	32.1	25.8 38.6
65	36.4	28.2 42.2
92	20.7	15.6 23.4



#34
Hexachlorobutadiene
Concen: 28.96 ng
RT: 10.93 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BG016908.D
Acq: 6 May 2015 20:12

Tgt Ion:225	Resp:	89746
Ion	Ratio	Lower Upper
225	100	
223	65.7	45.8 68.6
227	64.6	50.7 76.1





#35

Caprolactam

Concen: 33.05 ng/ml

RT: 11.51 min Scan# 1502

Delta R.T. -0.01 min

Lab File: BG016908.D

Acq: 6 May 2015 20:12

Instrument :

BNA_G

ClientSampleId :

PB83061BS

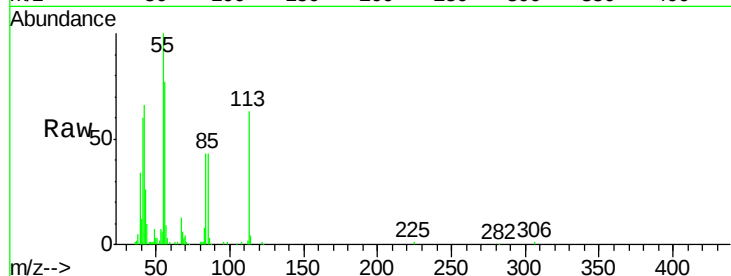
Tot Ion:113 Resp: 80185

Ion Ratio Lower Upper

113 100

55 159.5 137.1 177.1

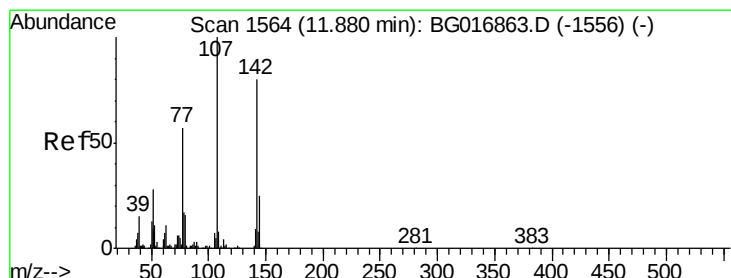
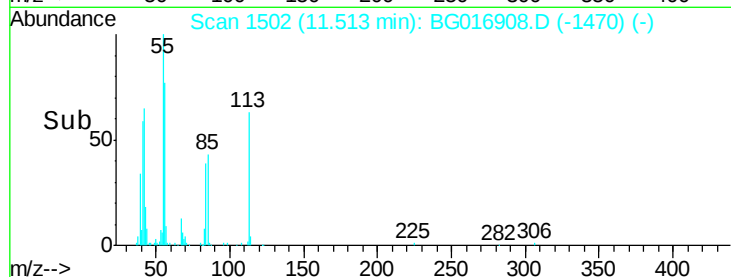
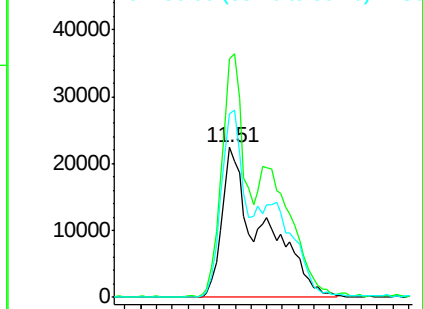
56 122.9 94.3 134.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 35.40 ng/ml

RT: 11.88 min Scan# 1564

Delta R.T. 0.00 min

Lab File: BG016908.D

Acq: 6 May 2015 20:12

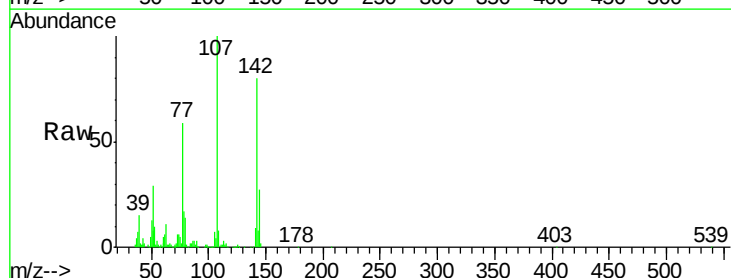
Tgt Ion:107 Resp: 211640

Ion Ratio Lower Upper

107 100

144 27.2 20.2 30.2

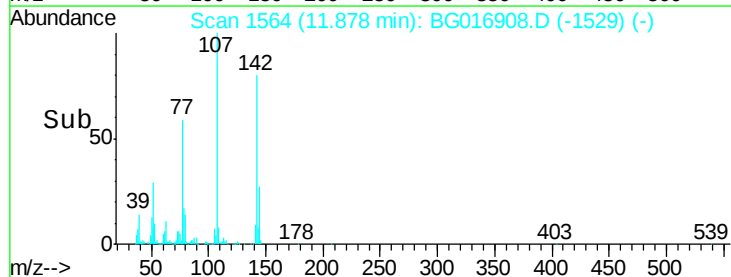
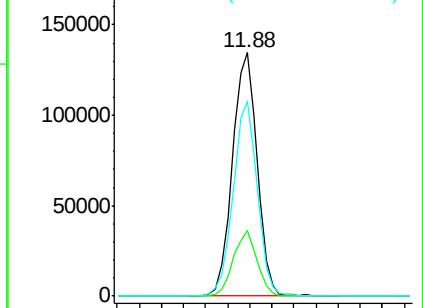
142 80.3 64.2 96.2

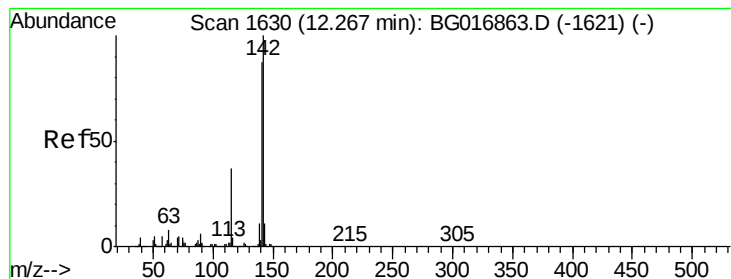


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 31.52 ng

RT: 12.25 min Scan# 1628

Delta R.T. -0.01 min

Lab File: BG016908.D

Acq: 6 May 2015 20:12

Instrument :

BNA_G

ClientSampleId :

PB83061BS

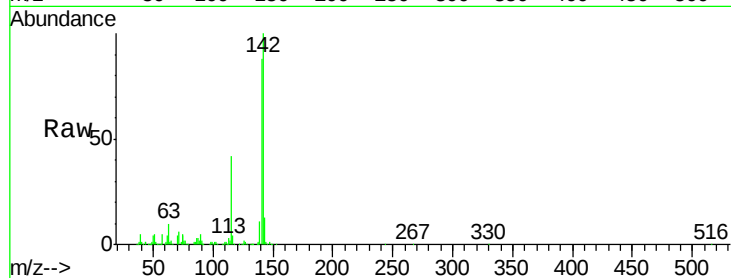
Tot Ion:142 Resp: 387435

Ion Ratio Lower Upper

142 100

141 88.2 69.9 104.9

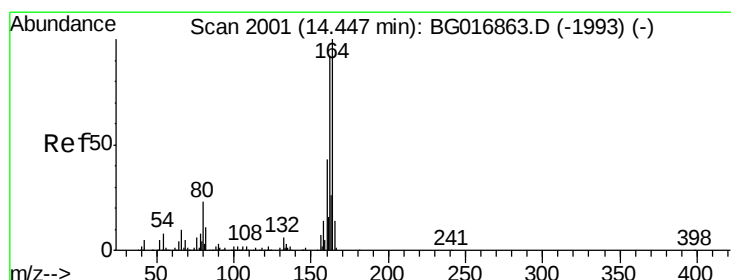
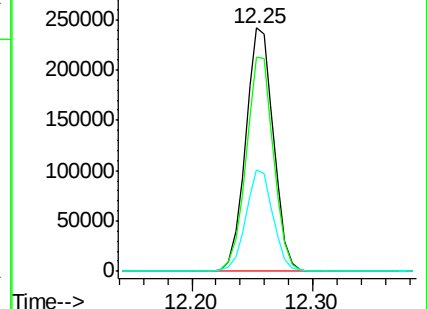
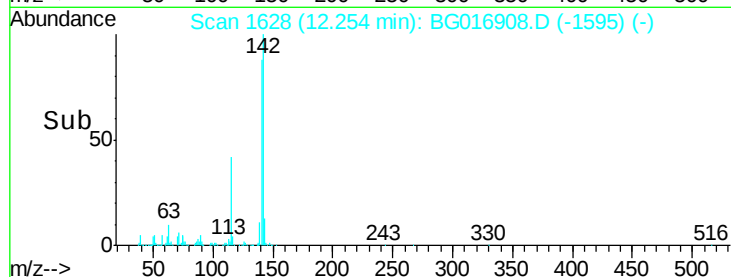
115 41.7 29.8 44.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.44 min Scan# 2000

Delta R.T. -0.00 min

Lab File: BG016908.D

Acq: 6 May 2015 20:12

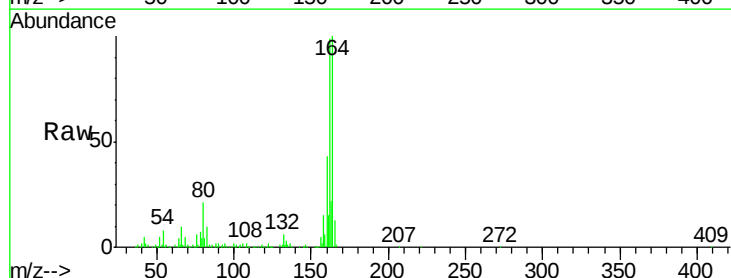
Tgt Ion:164 Resp: 215230

Ion Ratio Lower Upper

164 100

162 98.6 74.0 111.0

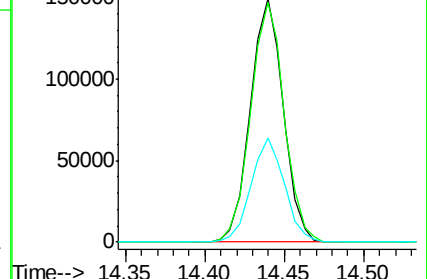
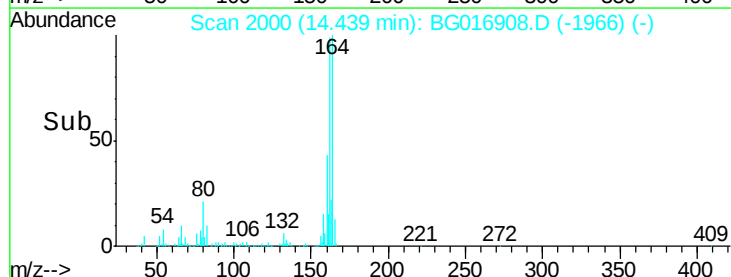
160 42.7 34.7 52.1

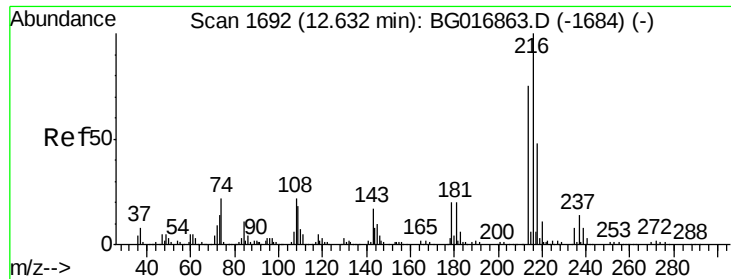


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 29.71 ng

RT: 12.62 min Scan# 1691

Delta R.T. -0.00 min

Lab File: BG016908.D

Acq: 6 May 2015 20:12

Instrument :

BNA_G

ClientSampleId :

PB83061BS

Tot Ion:216 Resp: 172873

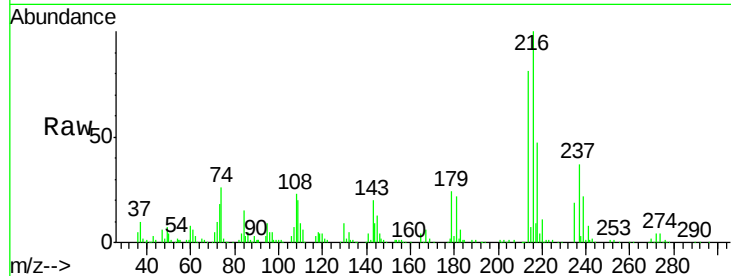
Ion Ratio Lower Upper

216 100

214 78.6 0.0 0.0#

179 21.6 0.0 0.0#

108 26.7 0.0 0.0#

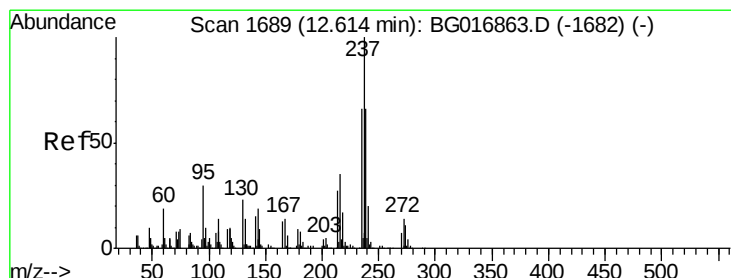
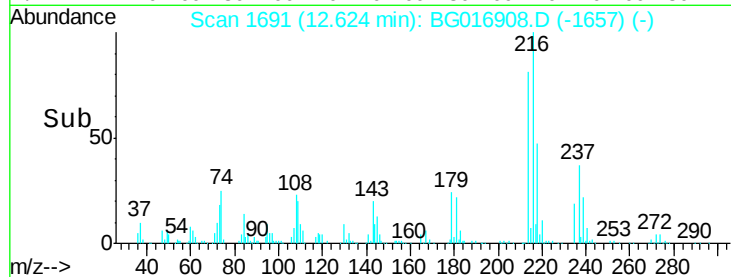
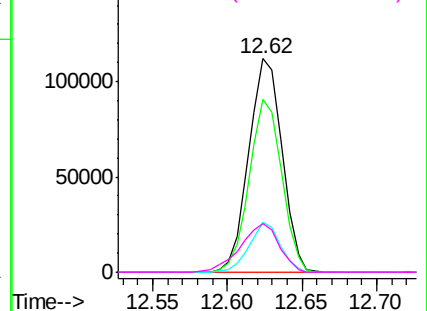


Abundance Ion 216.00 (215.70 to 216.70): E

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: 59.58 ng

RT: 12.61 min Scan# 1689

Delta R.T. 0.00 min

Lab File: BG016908.D

Acq: 6 May 2015 20:12

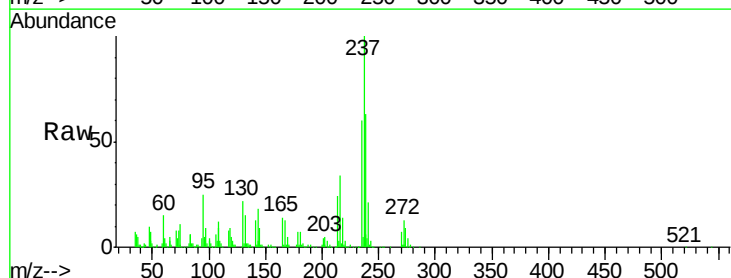
Tgt Ion:237 Resp: 223871

Ion Ratio Lower Upper

237 100

235 59.6 45.5 85.5

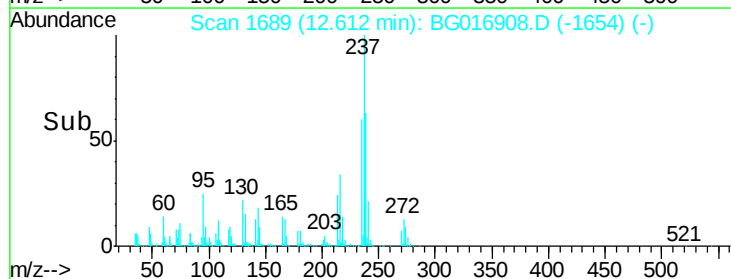
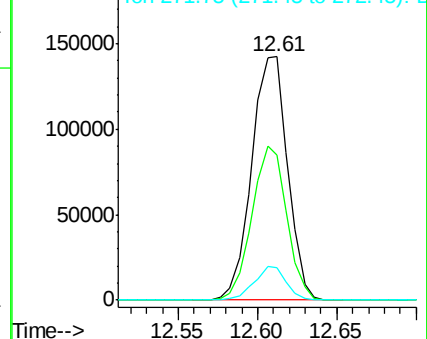
272 13.2 0.0 33.7

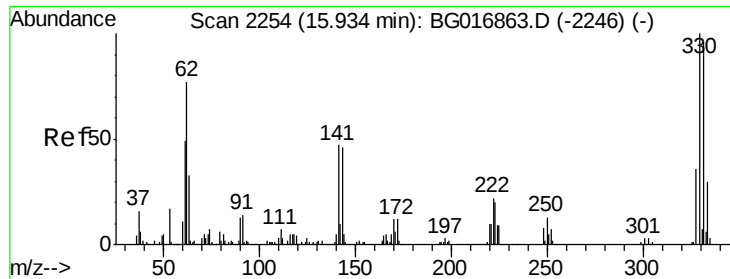


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 110.74 ng

RT: 15.93 min Scan# 2253

Delta R.T. -0.00 min

Lab File: BG016908.D

Acq: 6 May 2015 20:12

Instrument :

BNA_G

ClientSampleId :

PB83061BS

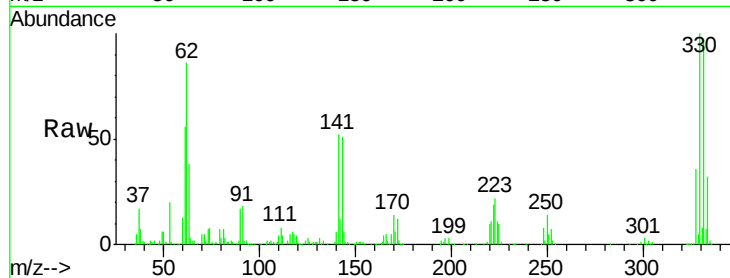
Tot Ion:330 Resp: 239267

Ion Ratio Lower Upper

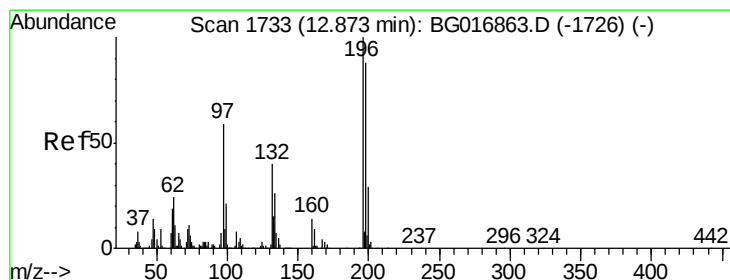
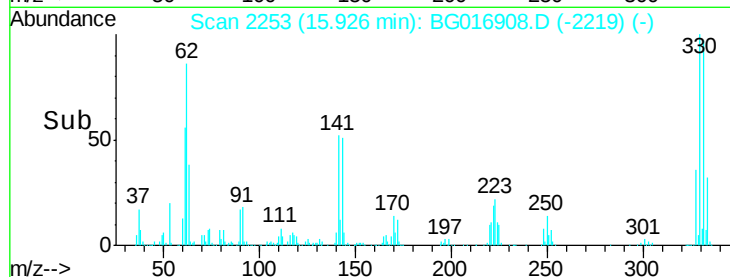
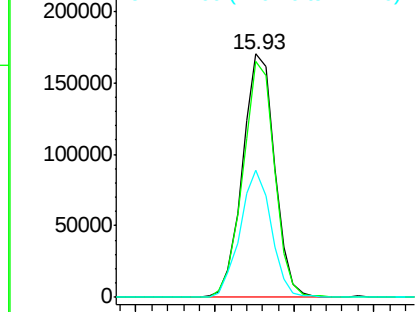
330 100

332 95.2 0.0 0.0#

141 51.2 0.0 0.0#



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: 31.39 ng

RT: 12.86 min Scan# 1732

Delta R.T. -0.00 min

Lab File: BG016908.D

Acq: 6 May 2015 20:12

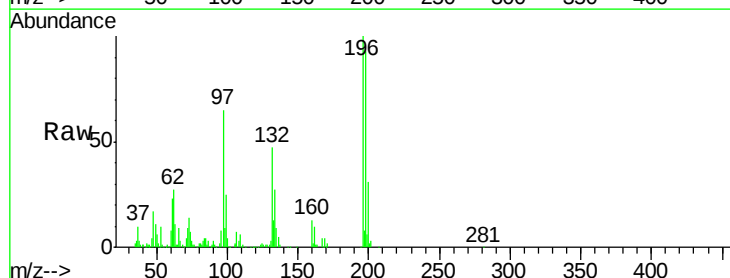
Tgt Ion:196 Resp: 129406

Ion Ratio Lower Upper

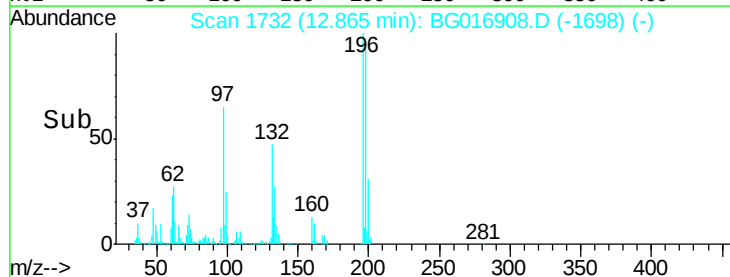
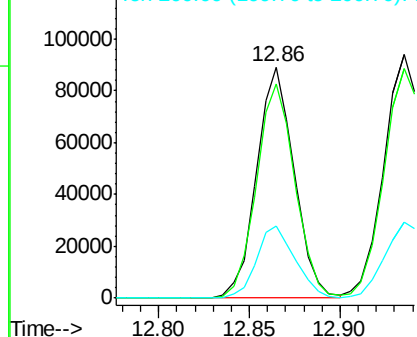
196 100

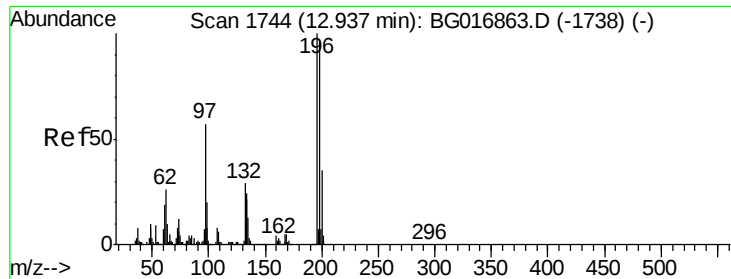
198 92.8 70.7 106.1

200 31.0 23.0 34.4



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

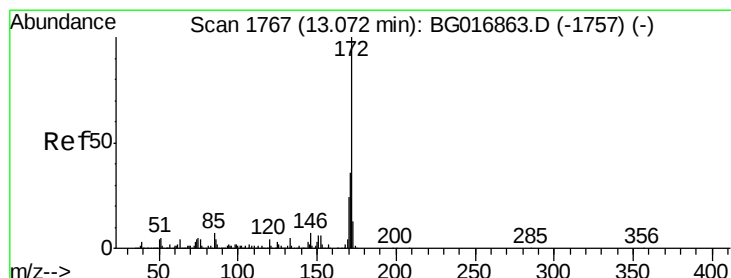
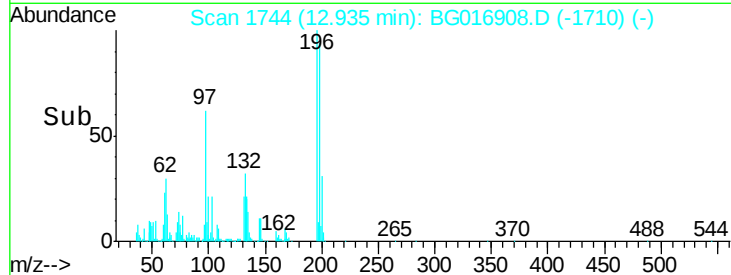
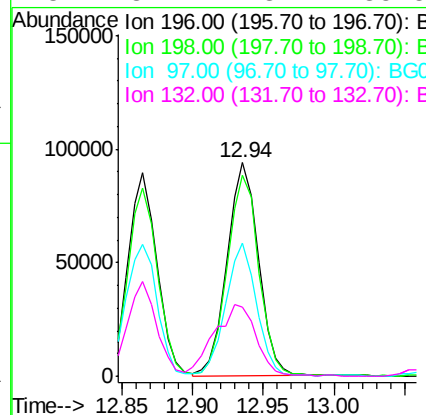
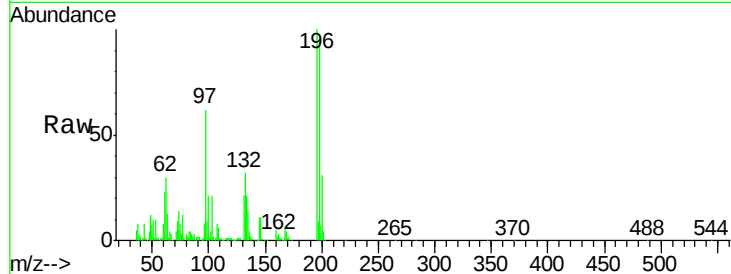




#43
 2,4,5-Trichlorophenol
 Concen: 33.34 ng
 RT: 12.94 min Scan# 1744
 Delta R.T. -0.00 min
 Lab File: BG016908.D
 Acq: 6 May 2015 20:12

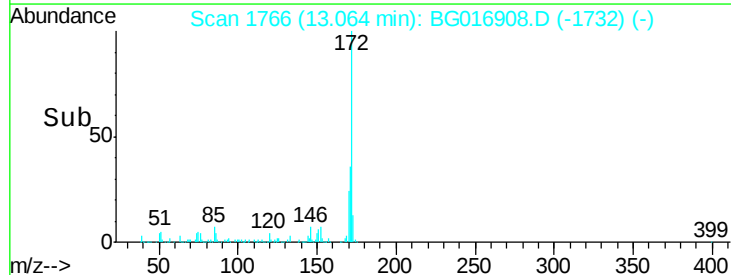
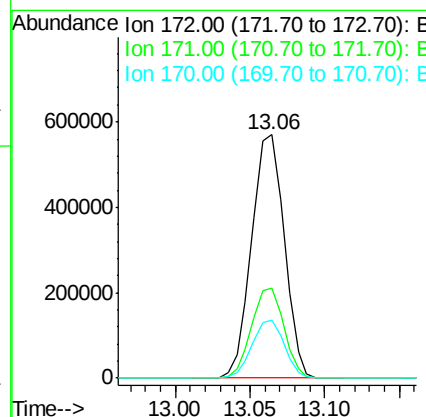
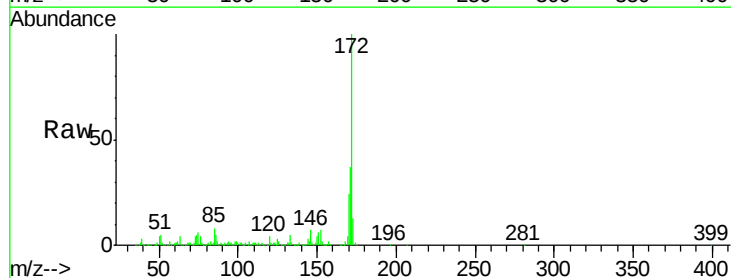
Instrument :
 BNA_G
 ClientSampleId :
 PB83061BS

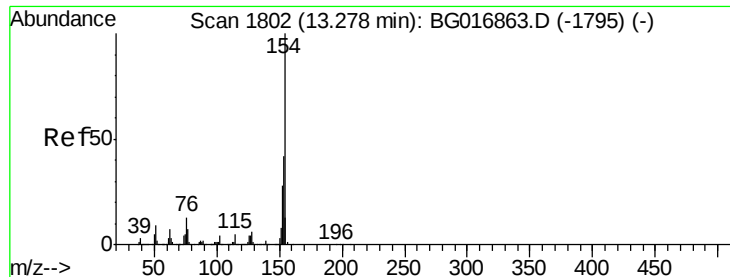
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.2	77.5	116.3
97	62.2	45.9	68.9
132	32.1	23.7	35.5



#44
 2-Fluorobiphenyl
 Concen: 60.35 ng
 RT: 13.06 min Scan# 1766
 Delta R.T. -0.00 min
 Lab File: BG016908.D
 Acq: 6 May 2015 20:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.0	43.4
170	24.1	19.0	28.4

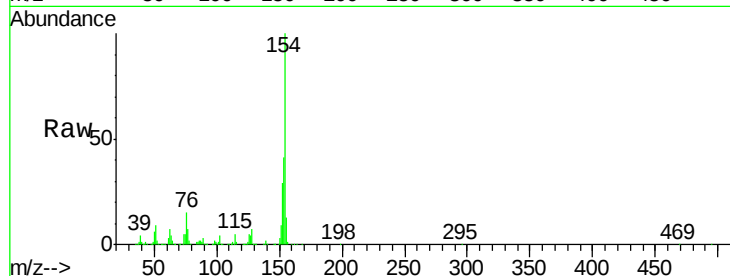




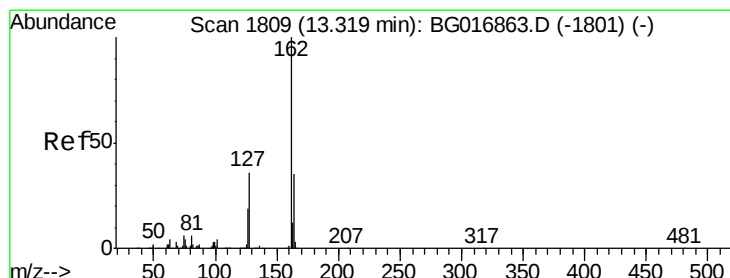
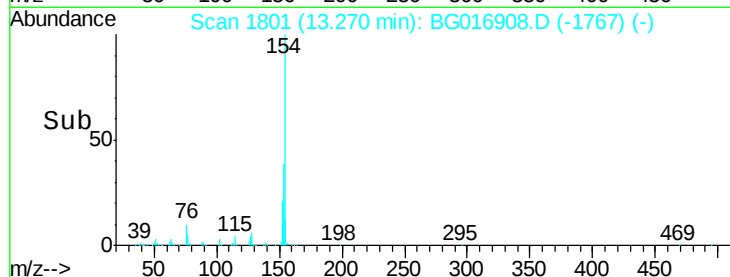
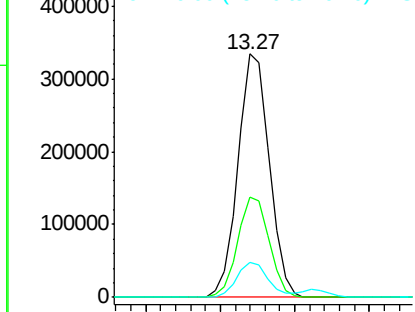
#45
 1,1'-Biphenyl
 Concen: 31.55 ng
 RT: 13.27 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: BG016908.D
 Acq: 6 May 2015 20:12

Instrument :
 BNA_G
 ClientSampleId :
 PB83061BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.4	22.0	62.0
76	14.6	0.0	33.3

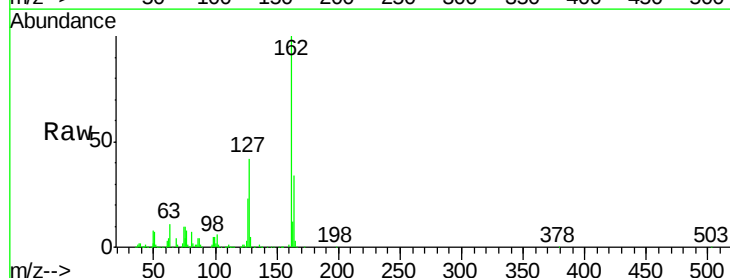


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

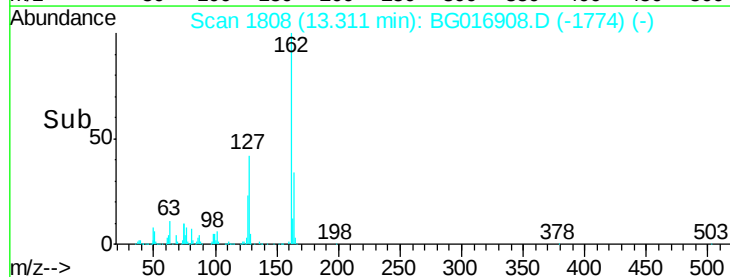
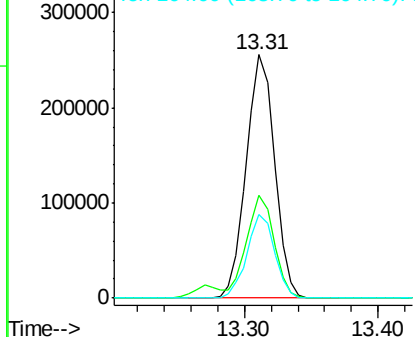


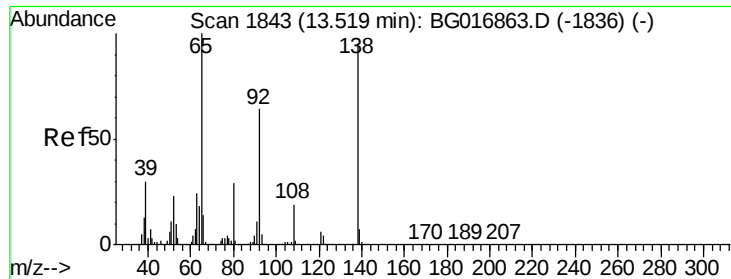
#46
 2-Chloronaphthalene
 Concen: 30.66 ng
 RT: 13.31 min Scan# 1808
 Delta R.T. -0.00 min
 Lab File: BG016908.D
 Acq: 6 May 2015 20:12

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.0	31.2	46.8
164	34.2	27.8	41.6



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

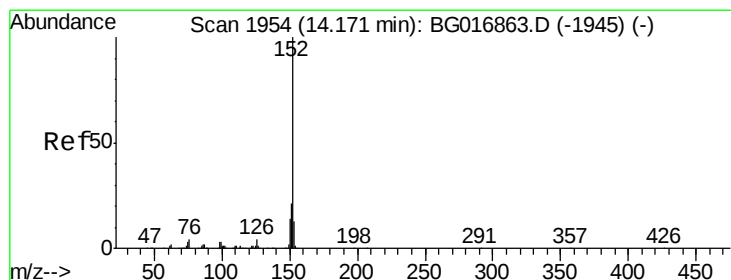
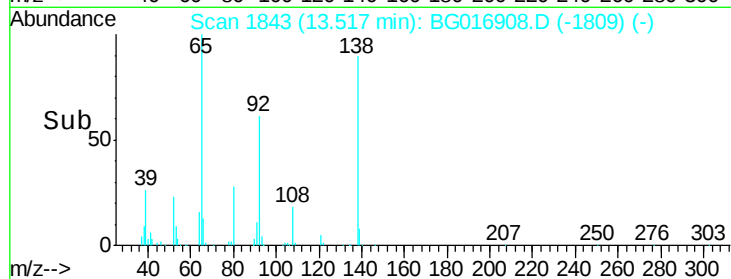
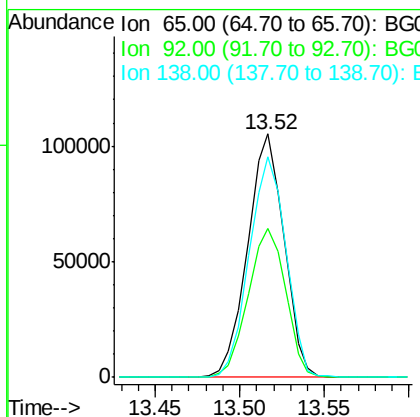
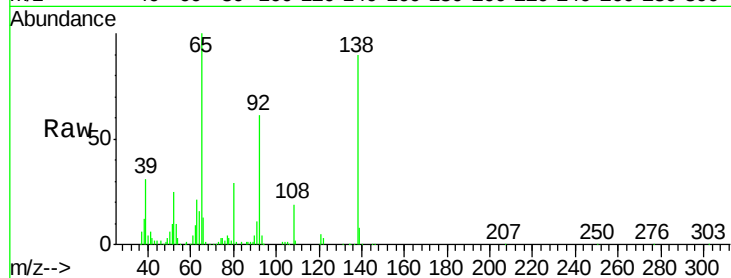




#47
2-Nitroaniline
Concen: 37.22 ng
RT: 13.52 min Scan# 1843
Delta R.T. -0.00 min
Lab File: BG016908.D
Acq: 6 May 2015 20:12

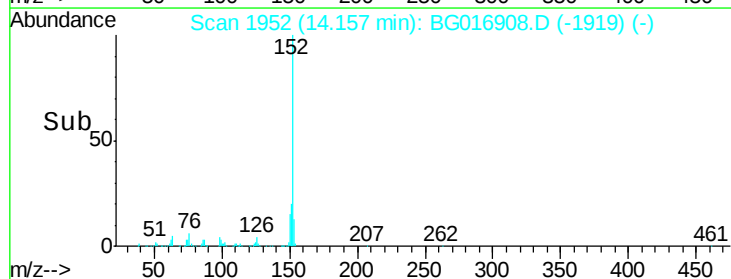
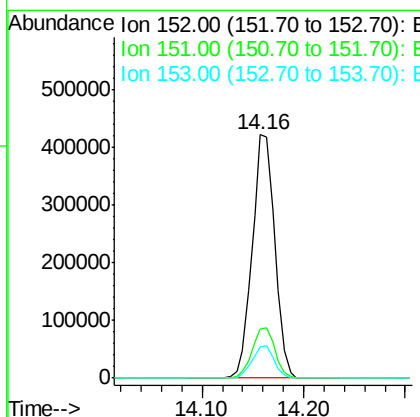
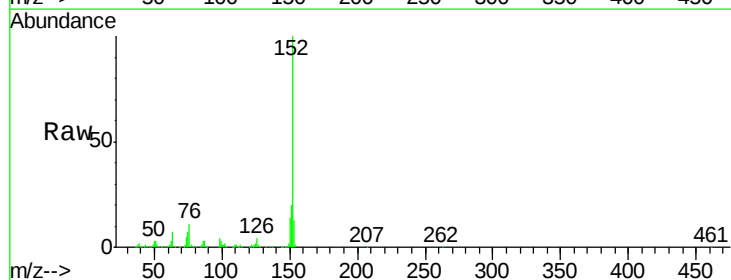
Instrument :
BNA_G
ClientSampleId :
PB83061BS

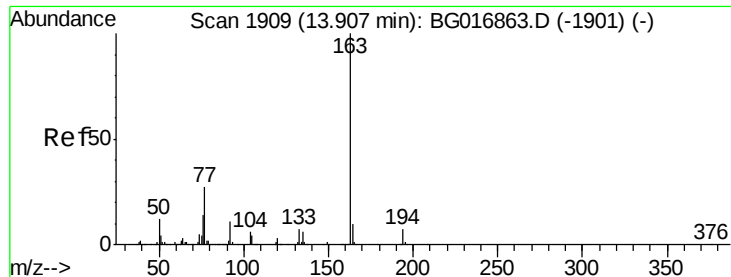
Tot Ion	Ratio	Lower	Upper
65	100		
92	61.1	51.0	76.6
138	90.3	76.2	114.2



#48
Acenaphthylene
Concen: 30.57 ng
RT: 14.16 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BG016908.D
Acq: 6 May 2015 20:12

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	17.0	25.4
153	13.0	10.7	16.1

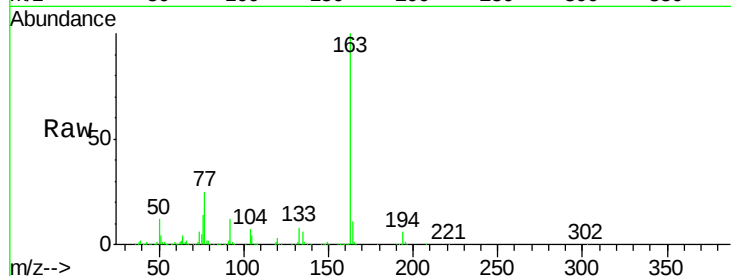




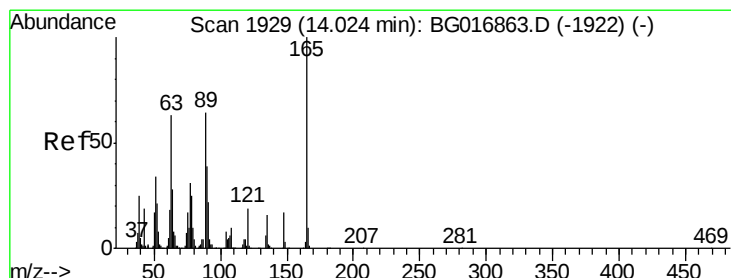
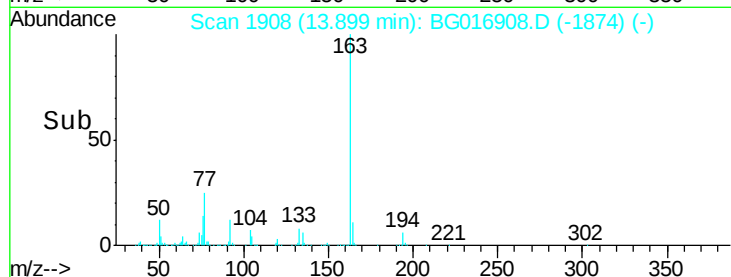
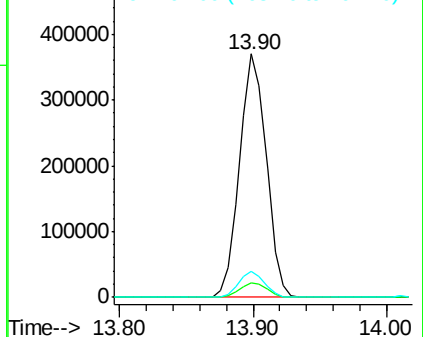
#49
Dimethylphthalate
Concen: 31.90 ng
RT: 13.90 min Scan# 1908
Delta R.T. -0.00 min
Lab File: BG016908.D
Acq: 6 May 2015 20:12

Instrument :
BNA_G
ClientSampleId :
PB83061BS

Tot Ion	Ratio	Lower	Upper
163	100		
194	5.7	5.2	7.8
164	10.8	8.4	12.6

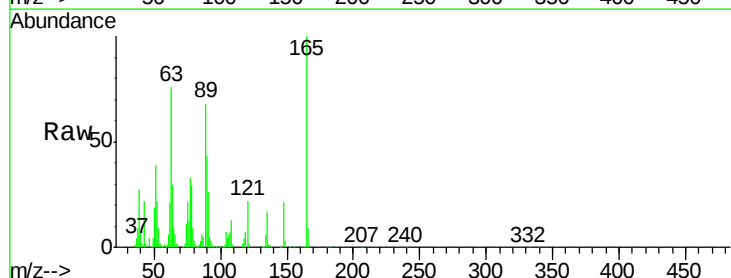


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

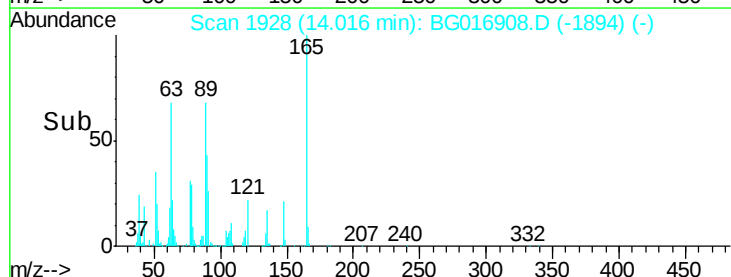
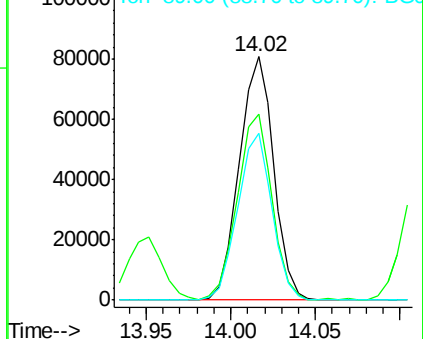


#50
2,6-Dinitrotoluene
Concen: 34.32 ng
RT: 14.02 min Scan# 1928
Delta R.T. -0.00 min
Lab File: BG016908.D
Acq: 6 May 2015 20:12

Tgt Ion	Ratio	Lower	Upper
165	100		
63	76.3	50.9	76.3
89	68.5	51.4	77.2



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: 30.85 ng

RT: 14.50 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BG016908.D

Acq: 6 May 2015 20:12

Instrument :

BNA_G

ClientSampleId :

PB83061BS

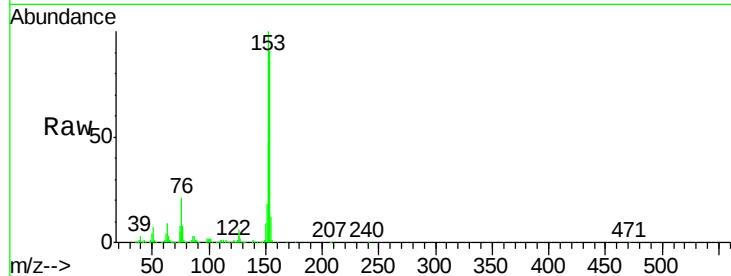
Tot Ion:154 Resp: 390217

Ion Ratio Lower Upper

154 100

153 110.1 84.2 126.4

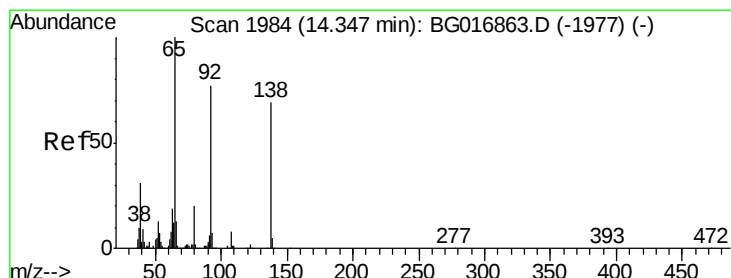
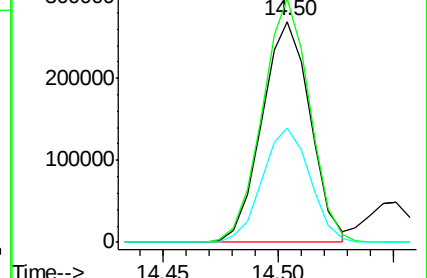
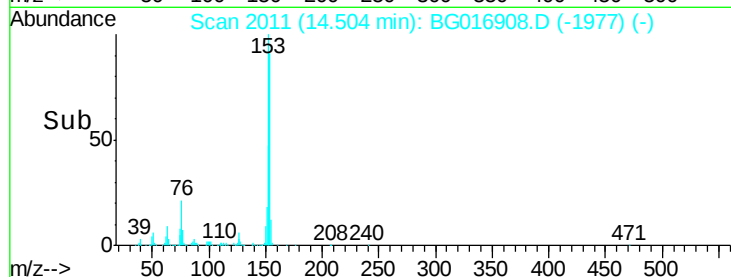
152 51.6 40.2 60.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 22.13 ng

RT: 14.34 min Scan# 1983

Delta R.T. -0.01 min

Lab File: BG016908.D

Acq: 6 May 2015 20:12

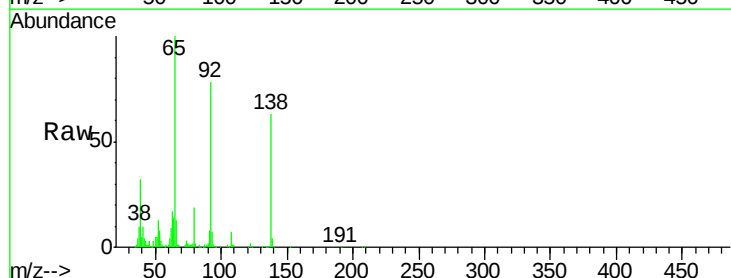
Tgt Ion:138 Resp: 84023

Ion Ratio Lower Upper

138 100

108 11.7 9.5 14.3

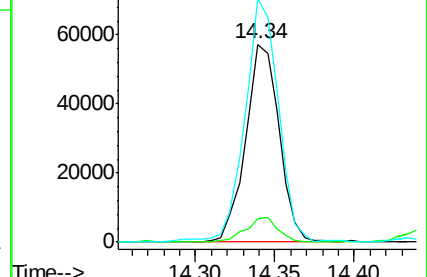
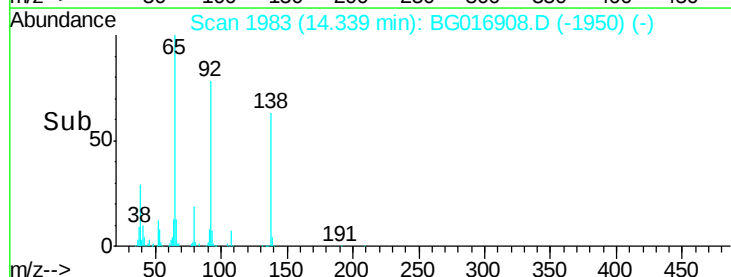
92 123.1 89.6 134.4

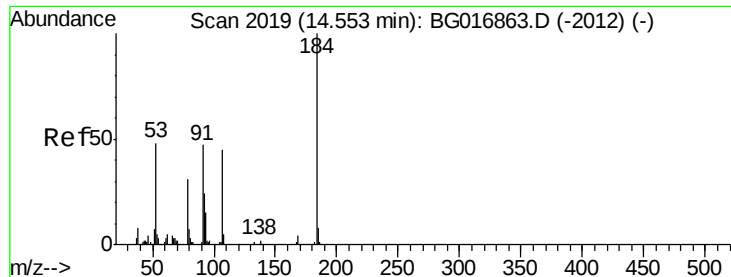


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

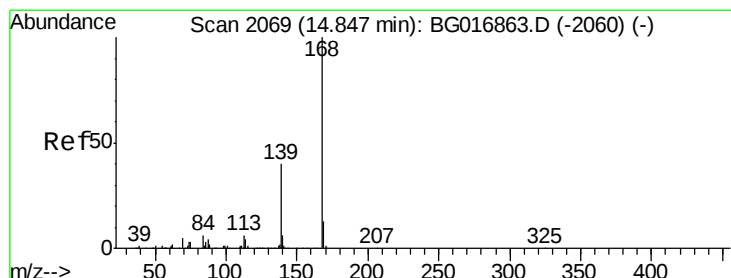
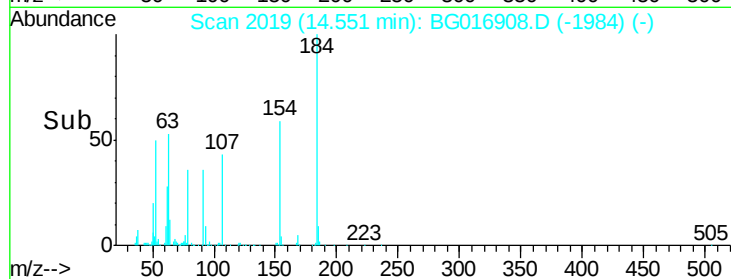
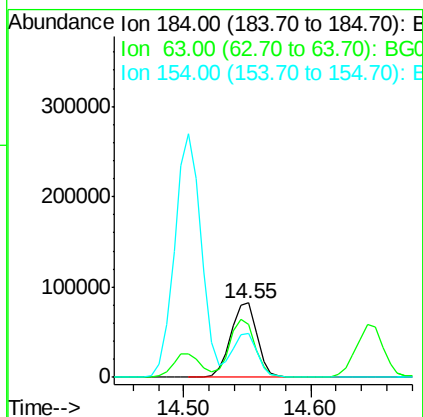
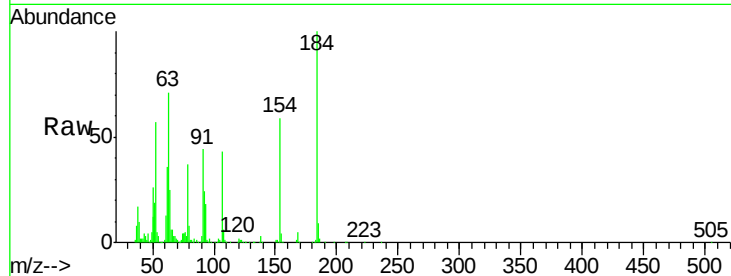




#53
2,4-Dinitrophenol
Concen: 77.83 ng
RT: 14.55 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BG016908.D
Acq: 6 May 2015 20:12

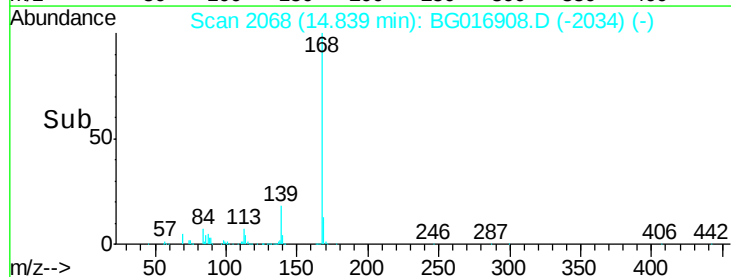
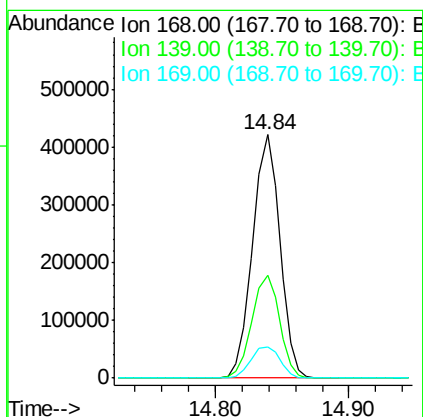
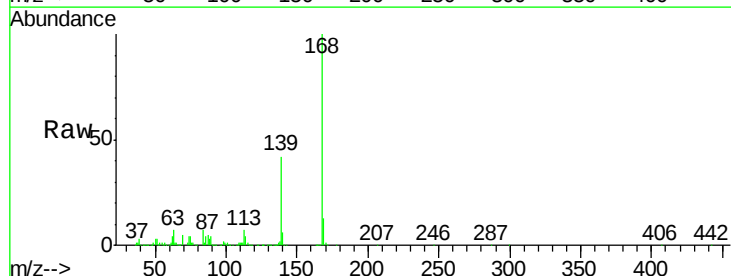
Instrument :
BNA_G
ClientSampleId :
PB83061BS

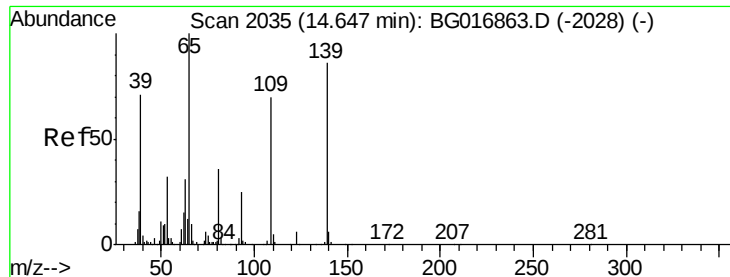
Tot Ion:184 Resp: 118789
Ion Ratio Lower Upper
184 100
63 70.9 53.4 80.0
154 59.2 41.0 61.6



#54
Dibenzofuran
Concen: 33.01 ng
RT: 14.84 min Scan# 2068
Delta R.T. -0.00 min
Lab File: BG016908.D
Acq: 6 May 2015 20:12

Tgt Ion:168 Resp: 592980
Ion Ratio Lower Upper
168 100
139 42.3 32.5 48.7
169 13.0 10.4 15.6





#55

4-Nitrophenol

Concen: 72.30 ng

RT: 14.65 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BG016908.D

Acq: 6 May 2015 20:12

Instrument :

BNA_G

ClientSampleId :

PB83061BS

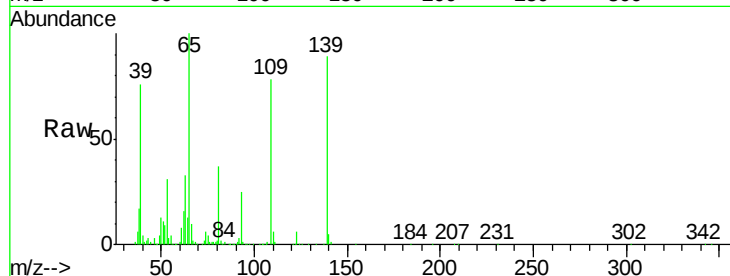
Tot Ion:139 Resp: 232732

Ion Ratio Lower Upper

139 100

109 87.1 61.8 101.8

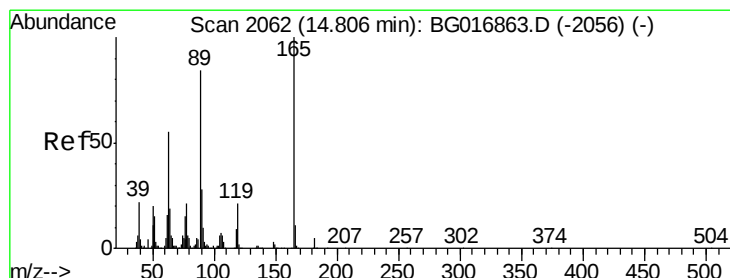
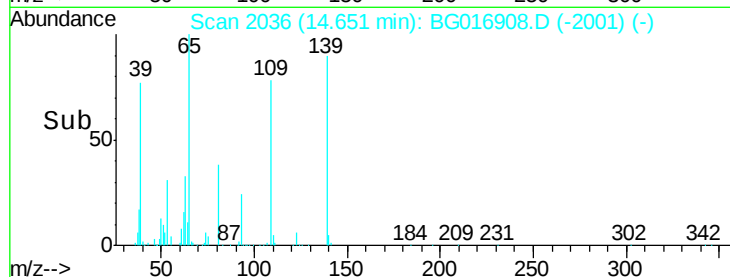
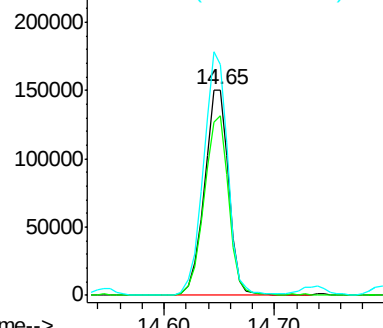
65 112.1 96.8 136.8



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 38.11 ng

RT: 14.80 min Scan# 2062

Delta R.T. -0.00 min

Lab File: BG016908.D

Acq: 6 May 2015 20:12

Tgt Ion:165 Resp: 162674

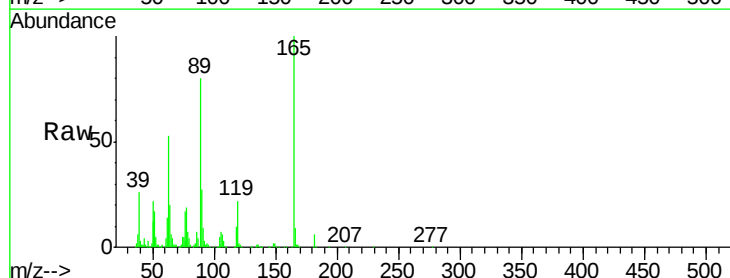
Ion Ratio Lower Upper

165 100

63 53.2 44.2 66.4

89 79.9 67.2 100.8

182 5.7 4.2 6.4

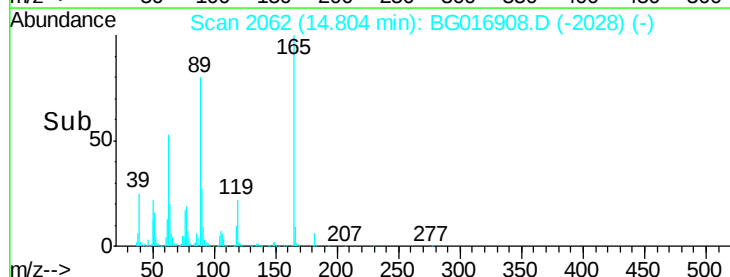
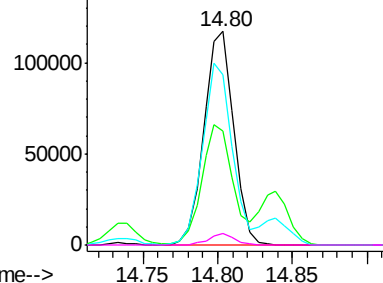


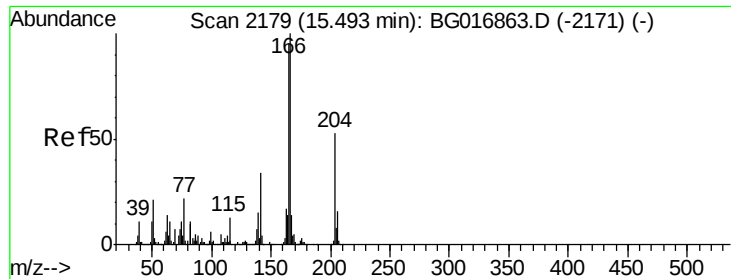
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

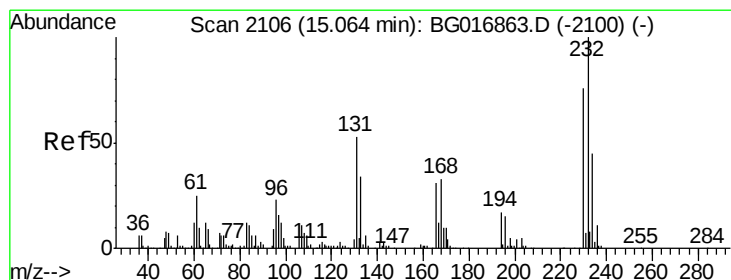
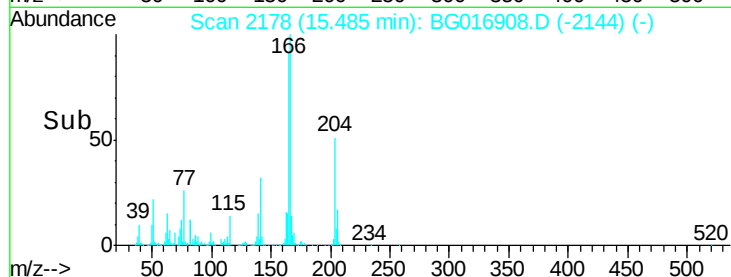
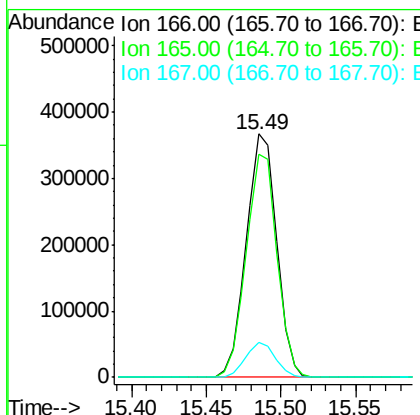
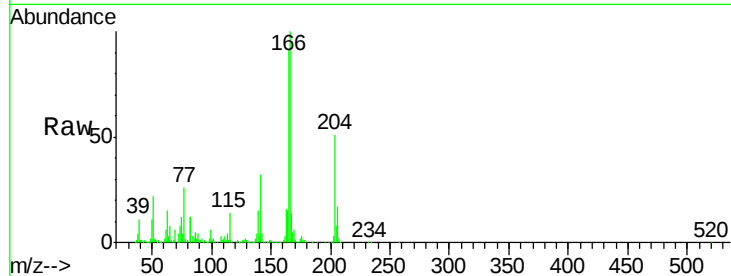




#57
Fluorene
 Concen: 32.31 ng
 RT: 15.49 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: BG016908.D
 Acq: 6 May 2015 20:12

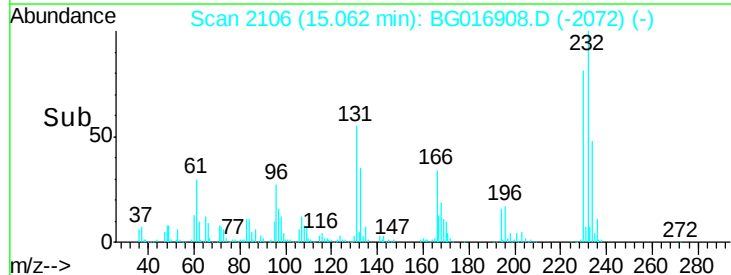
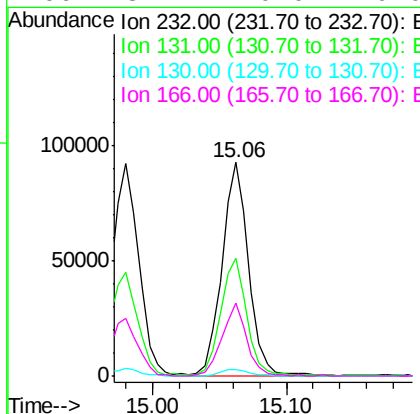
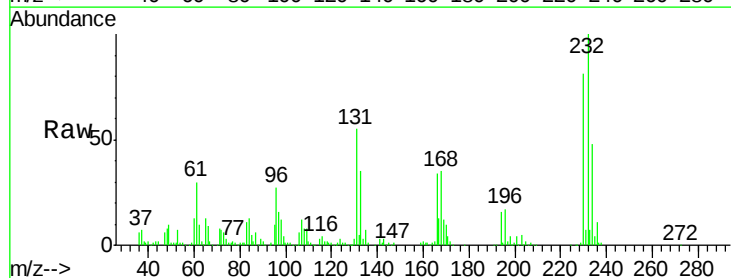
Instrument :
 BNA_G
 ClientSampleId :
 PB83061BS

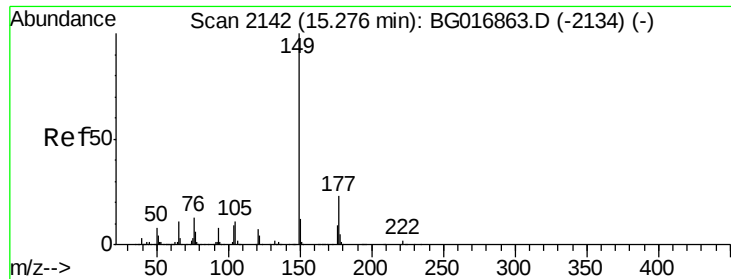
Tot Ion	166	Resp	513863
Ion Ratio	Lower	Upper	
166	100		
165	91.4	76.1	114.1
167	14.5	11.4	17.2



#58
2,3,4,6-Tetrachlorophenol
 Concen: 33.97 ng
 RT: 15.06 min Scan# 2106
 Delta R.T. -0.00 min
 Lab File: BG016908.D
 Acq: 6 May 2015 20:12

Tgt Ion	232	Resp	128273
Ion Ratio	Lower	Upper	
232	100		
131	53.5	0.1	0.1#
130	3.4	0.0	0.0#
166	32.1	0.0	0.0#

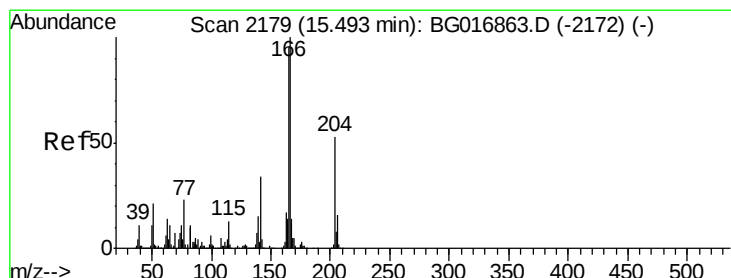
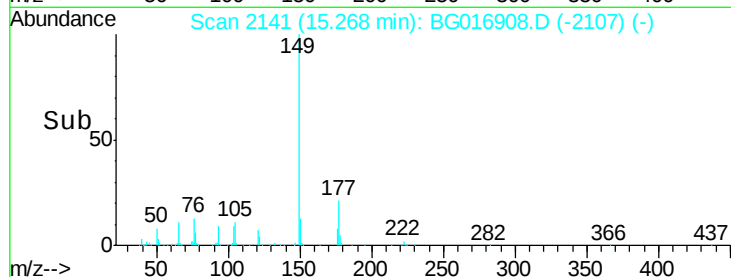
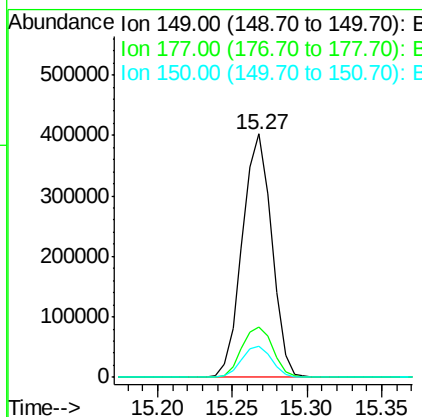
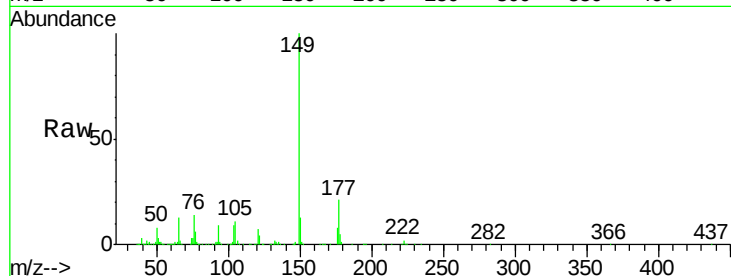




#59
Diethylphthalate
Concen: 32.37 ng
RT: 15.27 min Scan# 2141
Delta R.T. -0.00 min
Lab File: BG016908.D
Acq: 6 May 2015 20:12

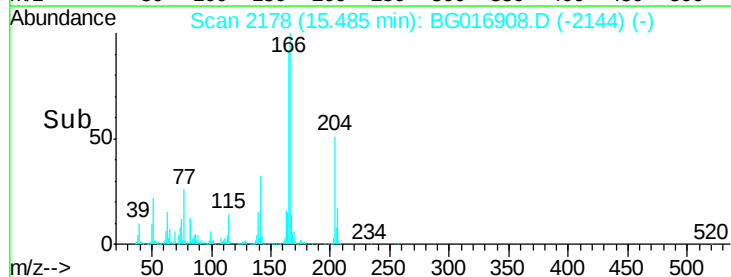
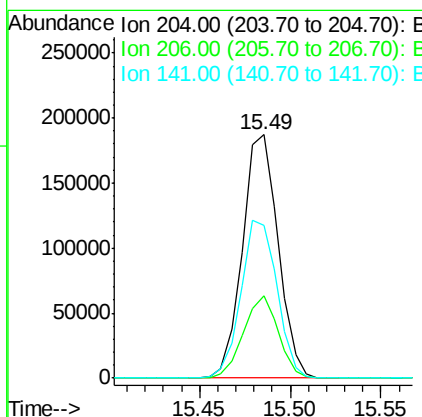
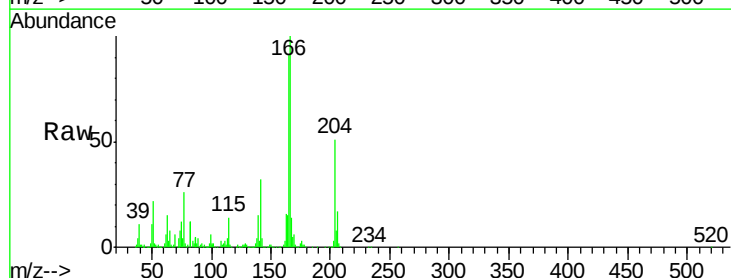
Instrument :
BNA_G
ClientSampleId :
PB83061BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.8	18.6	27.8
150	12.5	9.8	14.8



#60
4-Chlorophenyl-phenylether
Concen: 31.96 ng
RT: 15.49 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BG016908.D
Acq: 6 May 2015 20:12

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.8	24.8	37.2
141	62.6	52.4	78.6

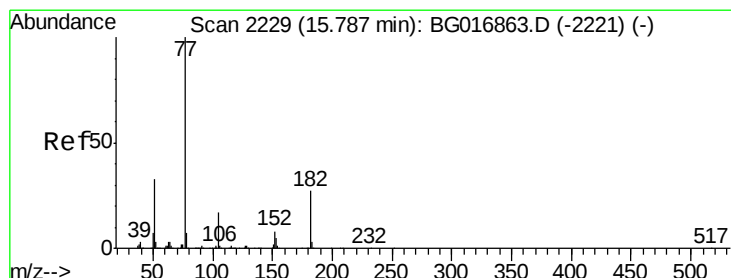
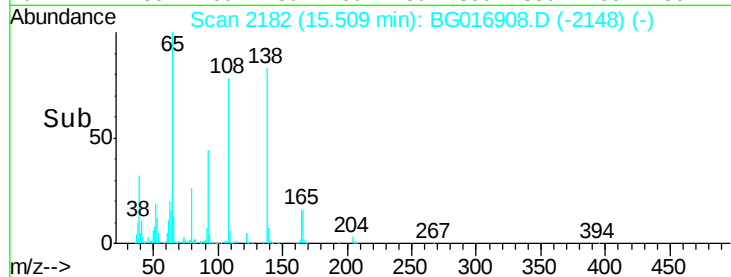
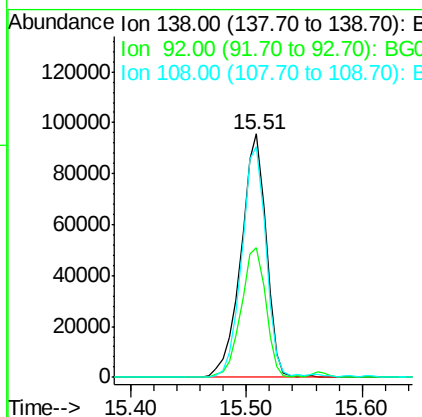
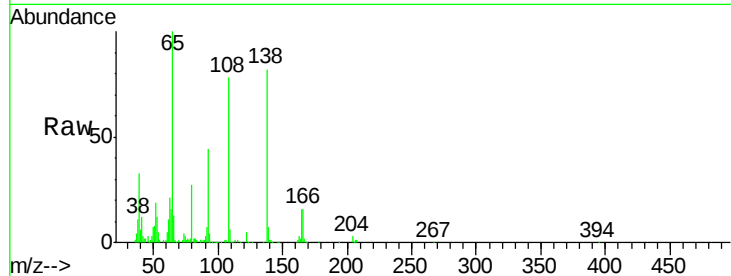




#61
4-Nitroaniline
Concen: 32.88 ng
RT: 15.51 min Scan# 2182
Delta R.T. -0.00 min
Lab File: BG016908.D
Acq: 6 May 2015 20:12

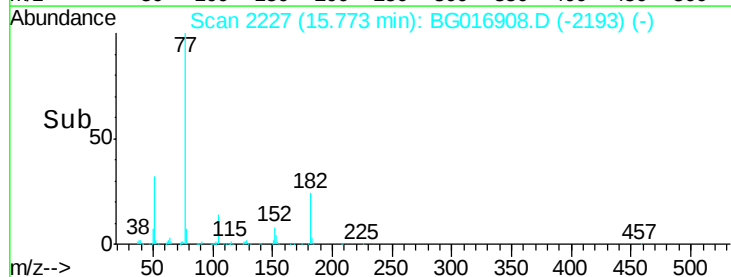
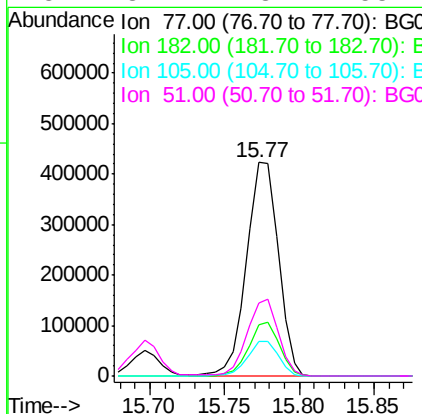
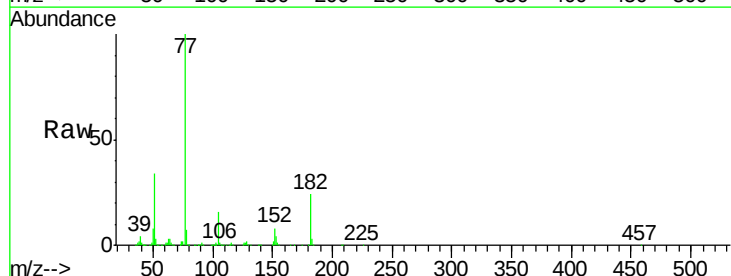
Instrument :
BNA_G
ClientSampleId :
PB83061BS

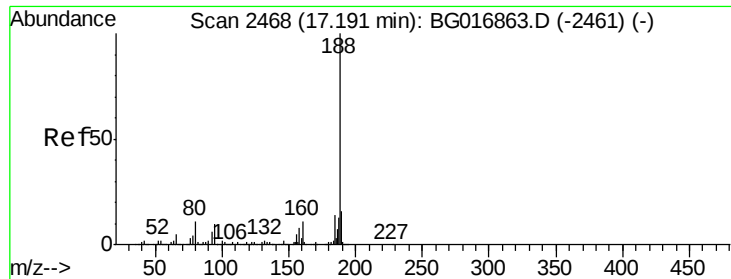
Tot Ion:138 Resp: 144716
Ion Ratio Lower Upper
138 100
92 53.1 31.8 71.8
108 94.7 70.6 110.6



#62
Azobenzene
Concen: 35.46 ng
RT: 15.77 min Scan# 2227
Delta R.T. -0.00 min
Lab File: BG016908.D
Acq: 6 May 2015 20:12

Tgt Ion: 77 Resp: 623068
Ion Ratio Lower Upper
77 100
182 23.9 7.4 47.4
105 16.4 0.0 36.6
51 34.1 13.4 53.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.18 min Scan# 2467

Delta R.T. -0.00 min

Lab File: BG016908.D

Acq: 6 May 2015 20:12

Instrument :

BNA_G

ClientSampleId :

PB83061BS

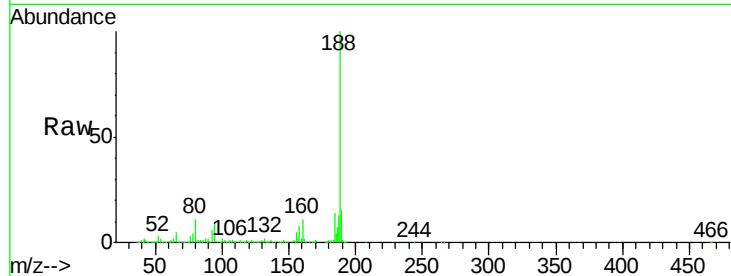
Tot Ion:188 Resp: 479622

Ion Ratio Lower Upper

188 100

94 9.8 8.2 12.4

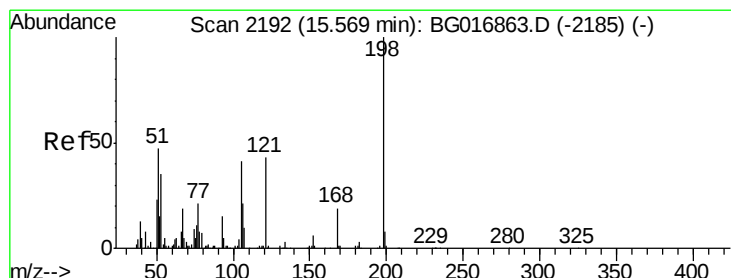
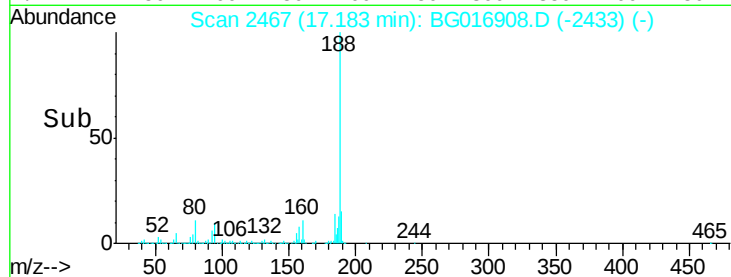
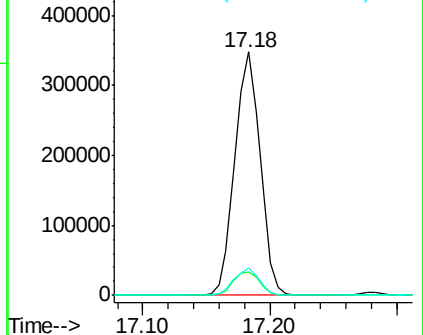
80 11.5 8.8 13.2



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: 34.82 ng

RT: 15.56 min Scan# 2191

Delta R.T. -0.00 min

Lab File: BG016908.D

Acq: 6 May 2015 20:12

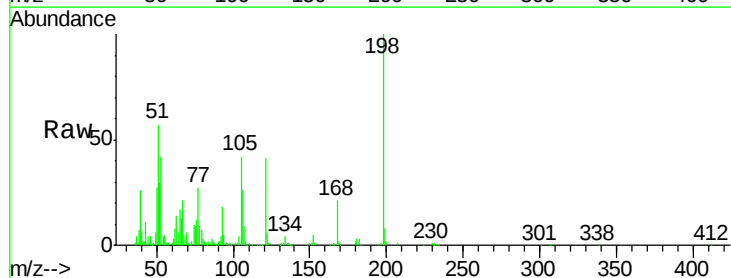
Tgt Ion:198 Resp: 82803

Ion Ratio Lower Upper

198 100

51 57.1 31.2 71.2

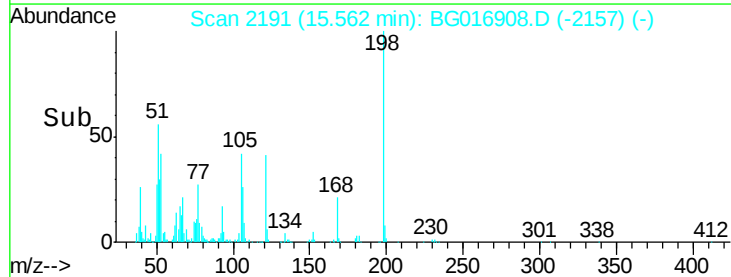
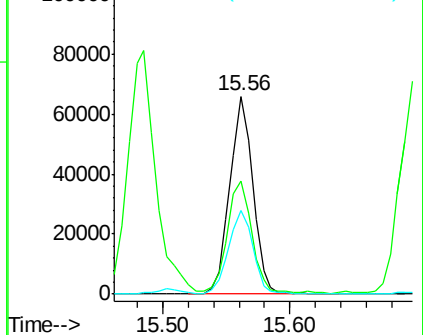
105 42.2 22.0 62.0

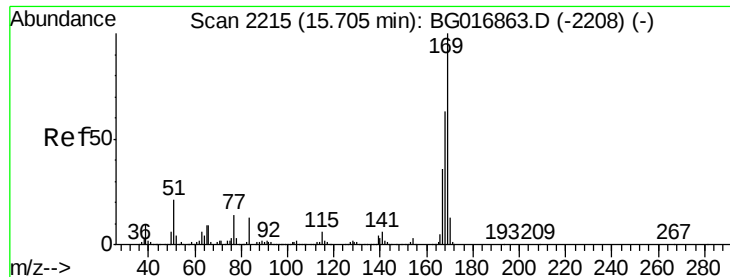


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

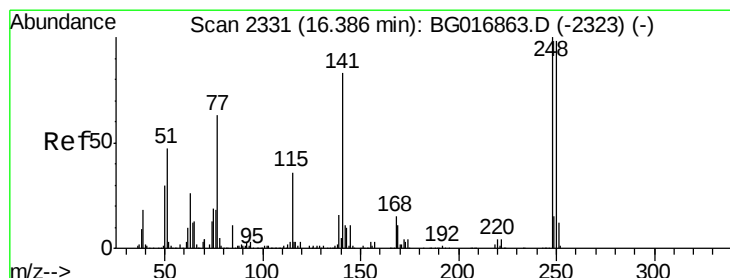
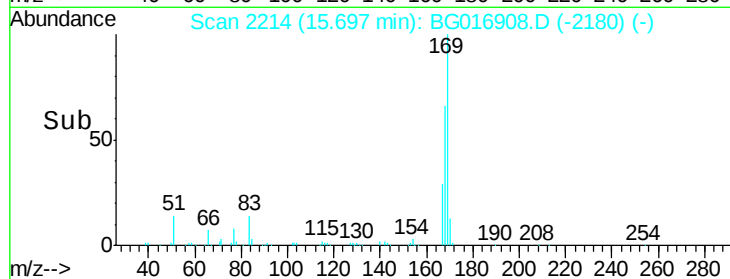
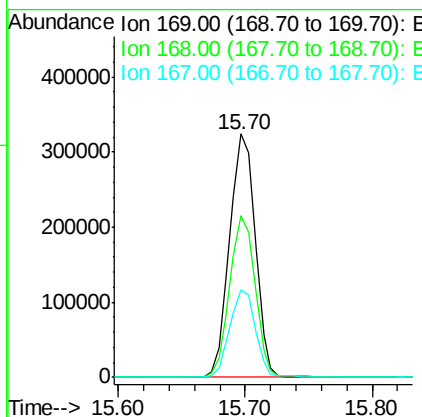
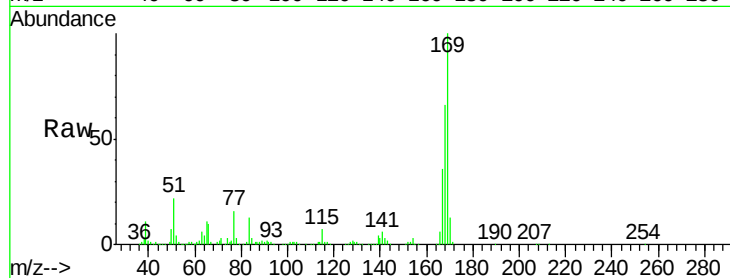




#65
 n-Nitrosodiphenylamine
 Concen: 30.86 ng
 RT: 15.70 min Scan# 2214
 Delta R.T. -0.00 min
 Lab File: BG016908.D
 Acq: 6 May 2015 20:12

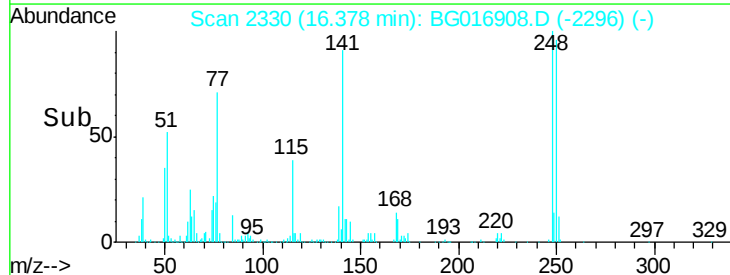
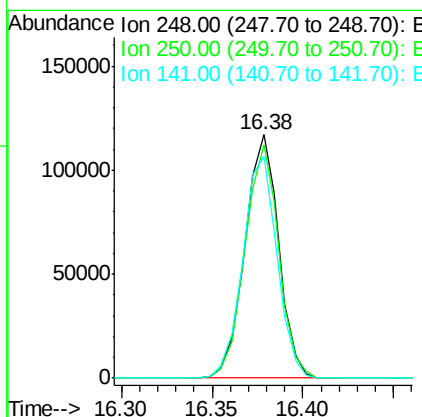
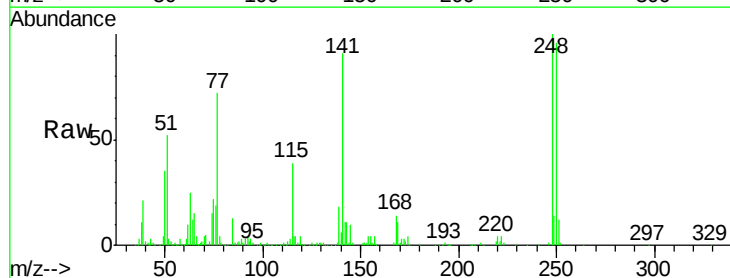
Instrument :
 BNA_G
 ClientSampleId :
 PB83061BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	66.2	50.6	76.0
167	36.1	29.0	43.4



#66
 4-Bromophenyl-phenylether
 Concen: 31.31 ng
 RT: 16.38 min Scan# 2330
 Delta R.T. -0.00 min
 Lab File: BG016908.D
 Acq: 6 May 2015 20:12

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.1	78.6	117.8
141	91.1	66.3	99.5

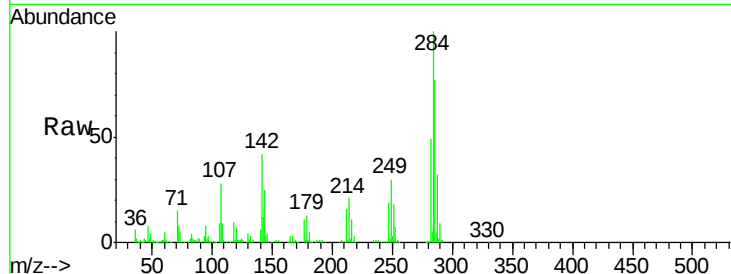




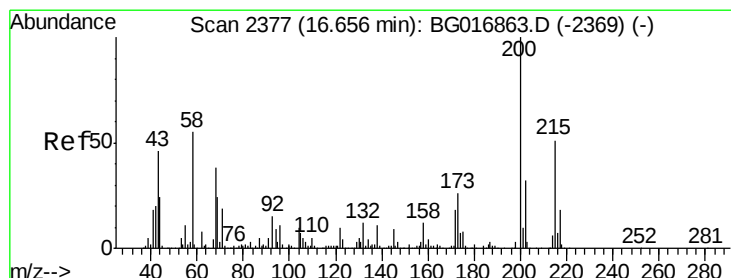
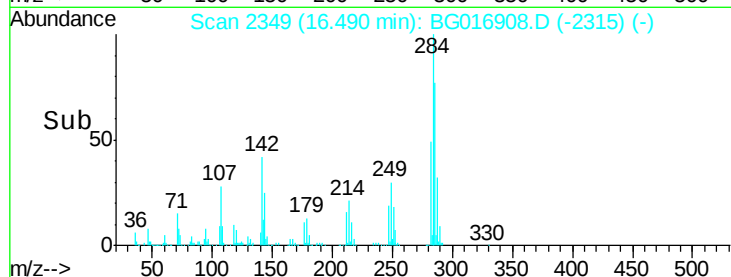
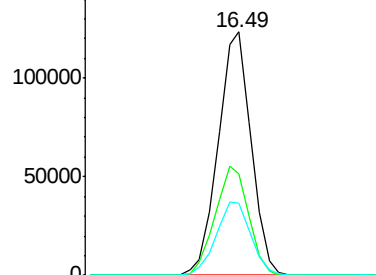
#67
Hexachlorobenzene
Concen: 33.01 ng
RT: 16.49 min Scan# 2349
Delta R.T. -0.00 min
Lab File: BG016908.D
Acq: 6 May 2015 20:12

Instrument :
BNA_G
ClientSampleId :
PB83061BS

Tot Ion	Ratio	Lower	Upper
284	100		
142	41.7	37.4	56.0
249	29.9	25.5	38.3

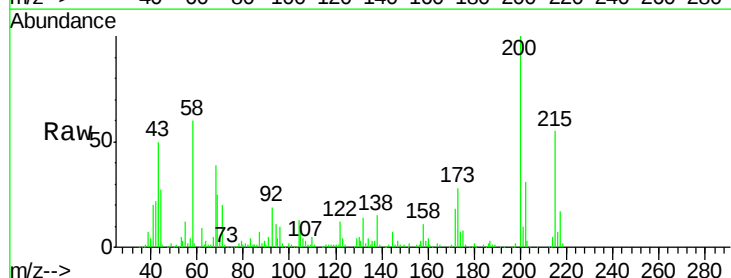


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

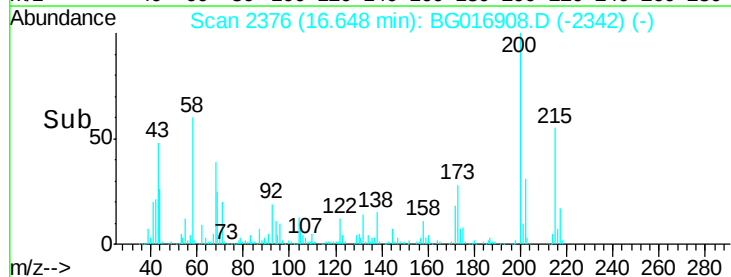
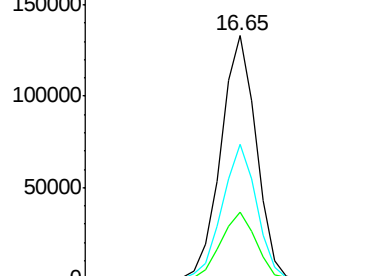


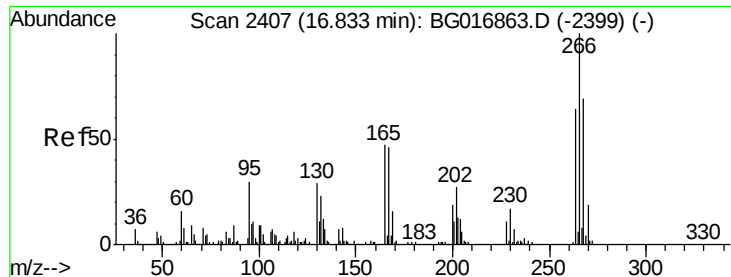
#68
Atrazine
Concen: 31.55 ng
RT: 16.65 min Scan# 2376
Delta R.T. -0.00 min
Lab File: BG016908.D
Acq: 6 May 2015 20:12

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.6	6.1	46.1
215	55.4	30.8	70.8



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: 67.97 ng

RT: 16.83 min Scan# 2407

Delta R.T. -0.00 min

Lab File: BG016908.D

Acq: 6 May 2015 20:12

Instrument :

BNA_G

ClientSampleId :

PB83061BS

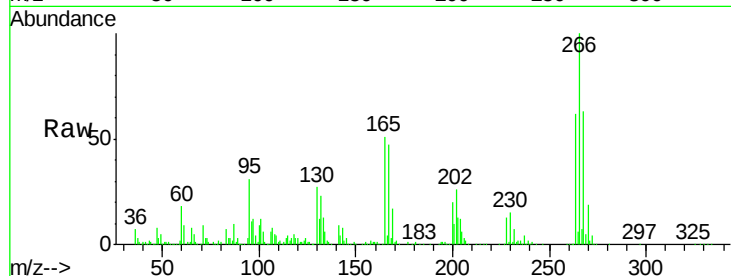
Tot Ion:266 Resp: 224010

Ion Ratio Lower Upper

266 100

268 63.1 55.2 82.8

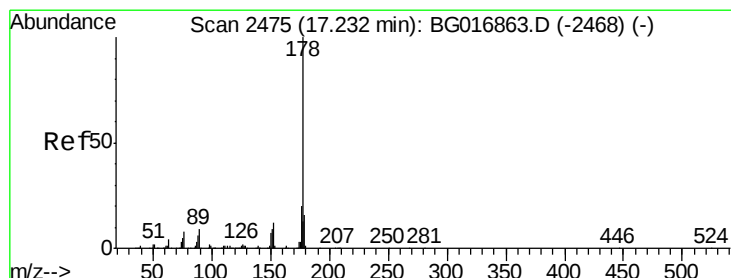
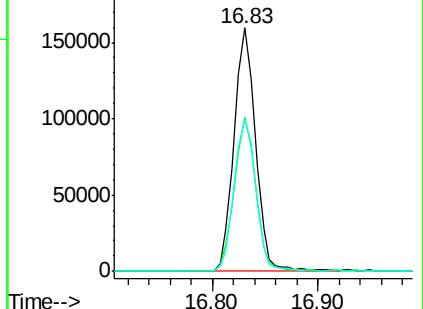
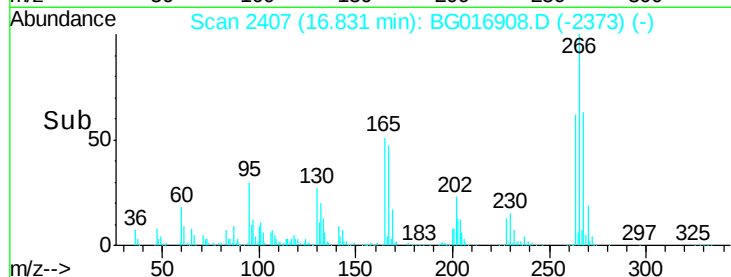
264 62.2 51.4 77.0



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 31.76 ng

RT: 17.22 min Scan# 2474

Delta R.T. -0.00 min

Lab File: BG016908.D

Acq: 6 May 2015 20:12

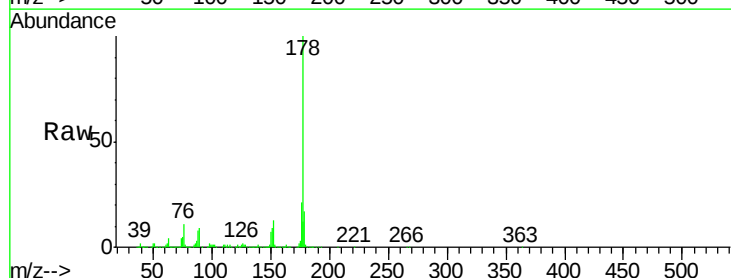
Tgt Ion:178 Resp: 784026

Ion Ratio Lower Upper

178 100

176 20.7 16.0 24.0

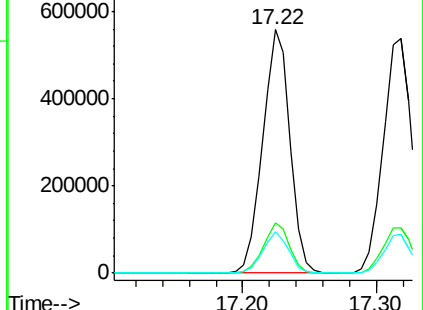
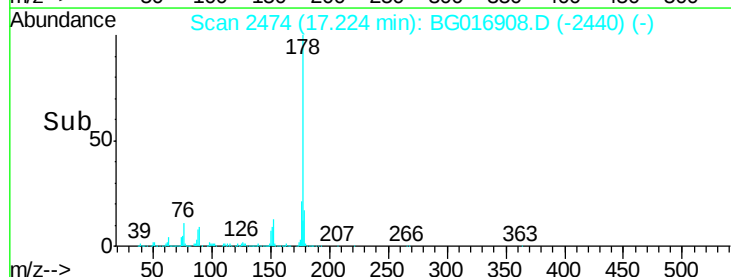
179 16.9 13.0 19.6

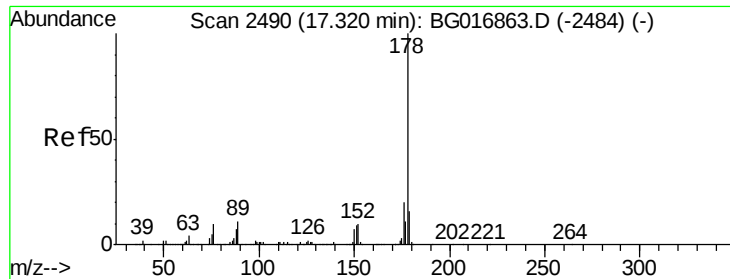


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

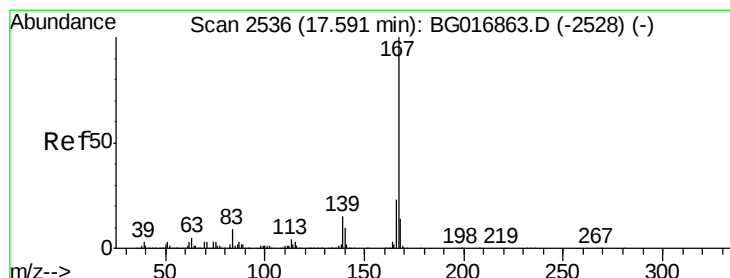
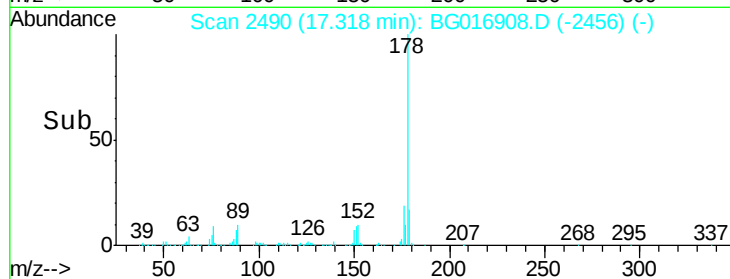
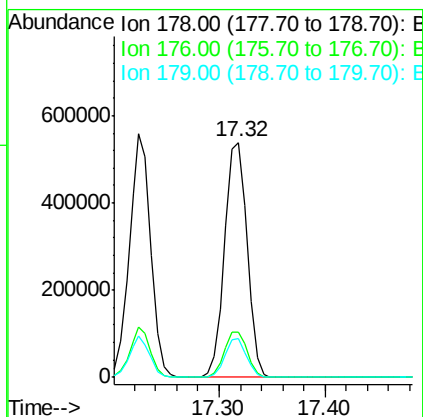
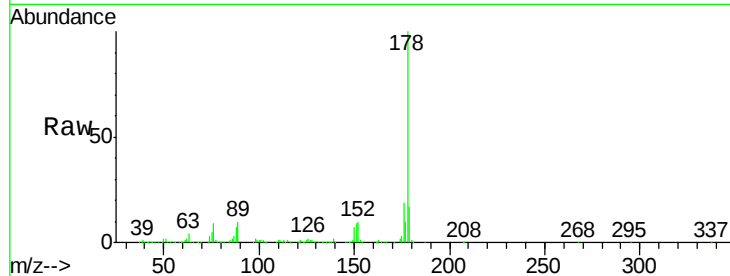




#71
 Anthracene
 Concen: 31.92 ng
 RT: 17.32 min Scan# 2490
 Delta R.T. -0.00 min
 Lab File: BG016908.D
 Acq: 6 May 2015 20:12

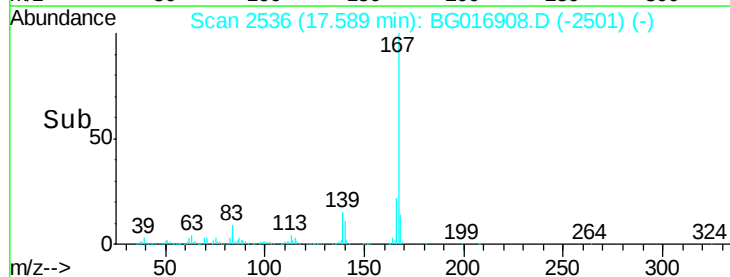
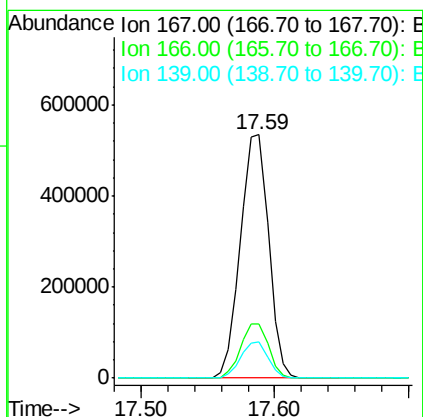
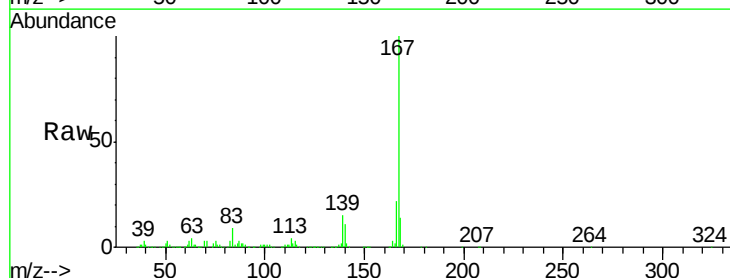
Instrument :
 BNA_G
 ClientSampleId :
 PB83061BS

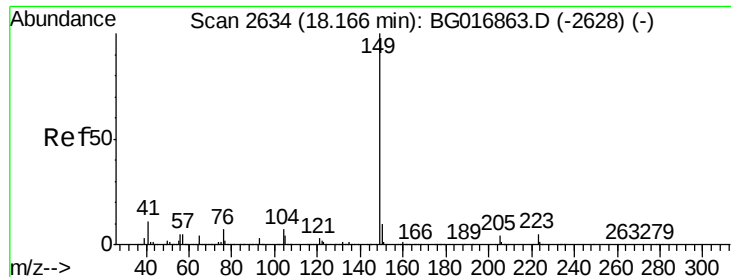
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.2	24.4
179	16.6	13.1	19.7



#72
 Carbazole
 Concen: 33.07 ng
 RT: 17.59 min Scan# 2536
 Delta R.T. 0.00 min
 Lab File: BG016908.D
 Acq: 6 May 2015 20:12

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.4	27.6
139	15.0	12.2	18.4





#73

Di-n-butylphthalate

Concen: 32.73 ng

RT: 18.15 min Scan# 2632

Delta R.T. -0.01 min

Lab File: BG016908.D

Acq: 6 May 2015 20:12

Instrument :

BNA_G

ClientSampleId :

PB83061BS

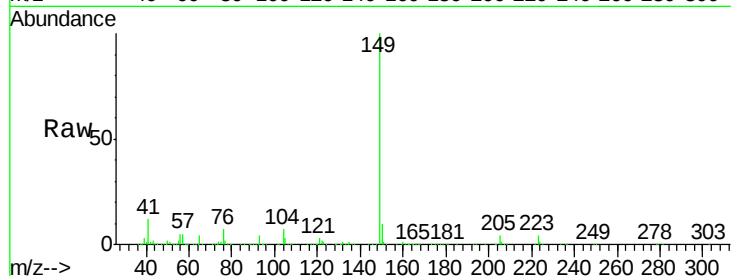
Tot Ion:149 Resp: 1004454

Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

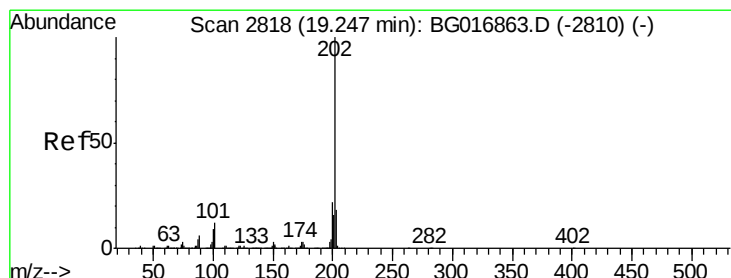
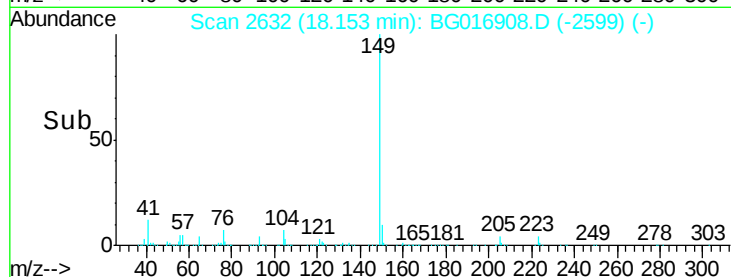
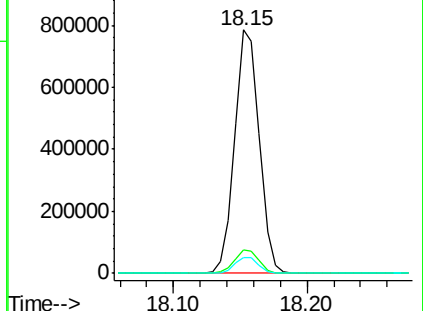
104 6.7 5.4 8.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 31.66 ng

RT: 19.24 min Scan# 2817

Delta R.T. -0.00 min

Lab File: BG016908.D

Acq: 6 May 2015 20:12

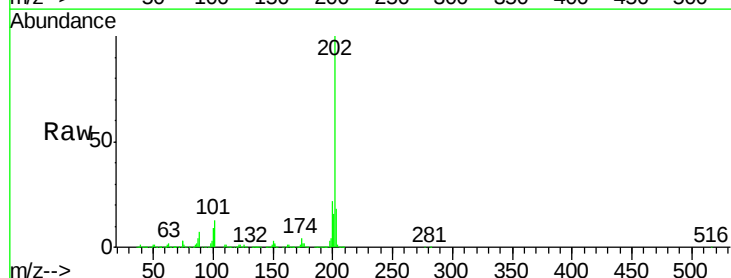
Tgt Ion:202 Resp: 906494

Ion Ratio Lower Upper

202 100

101 12.6 0.0 31.5

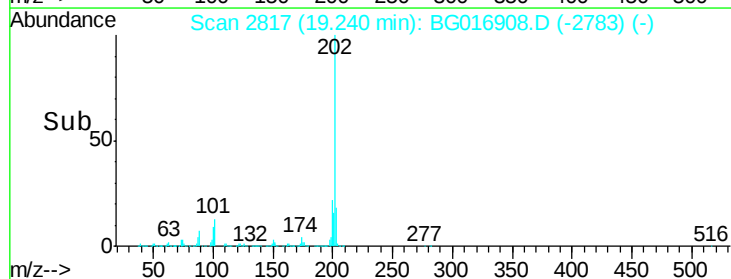
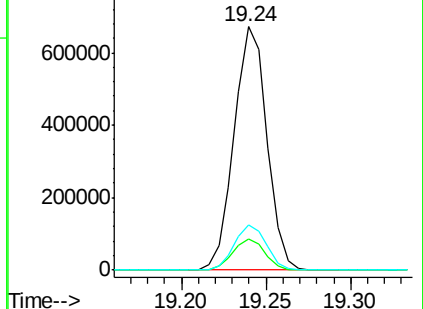
203 18.5 0.0 38.1

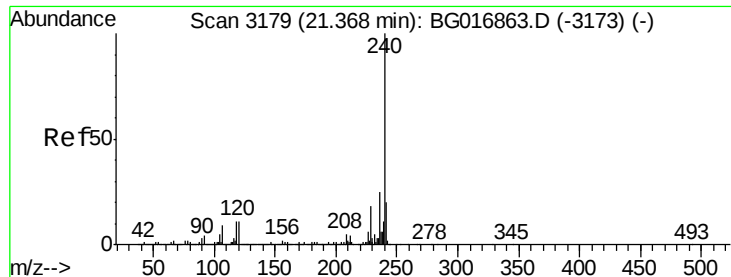


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.36 min Scan# 3178

Delta R.T. -0.00 min

Lab File: BG016908.D

Acq: 6 May 2015 20:12

Instrument :

BNA_G

ClientSampleId :

PB83061BS

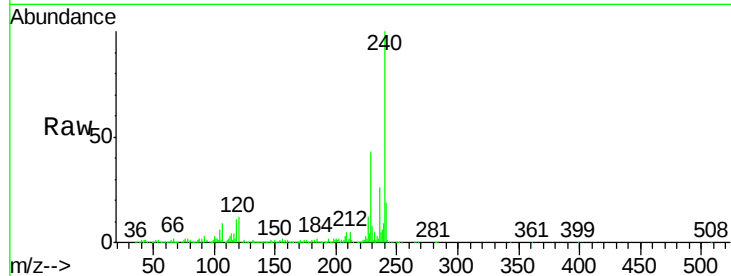
Tot Ion:240 Resp: 479947

Ion Ratio Lower Upper

240 100

120 12.4 9.1 13.7

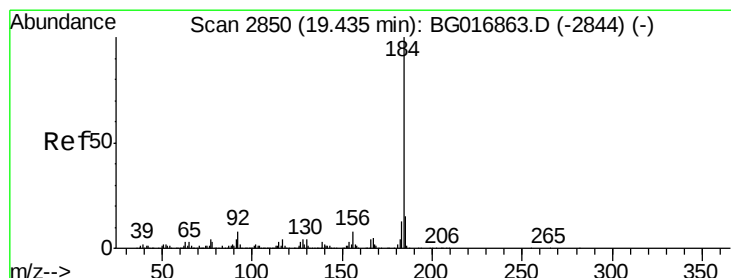
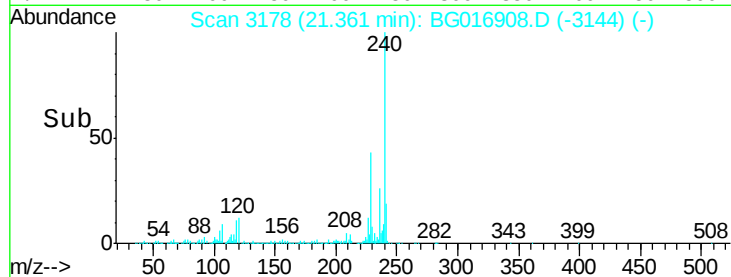
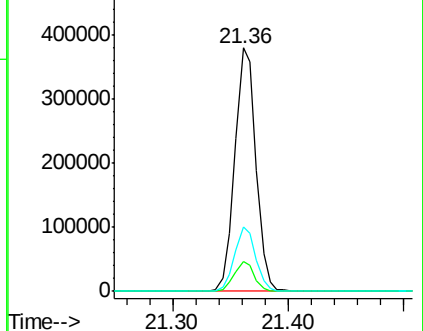
236 26.4 20.2 30.4



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: 20.77 ng

RT: 19.43 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG016908.D

Acq: 6 May 2015 20:12

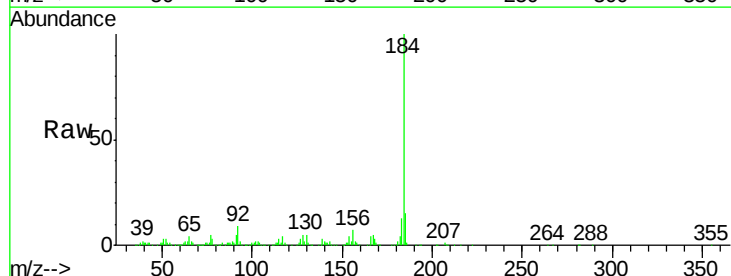
Tgt Ion:184 Resp: 338726

Ion Ratio Lower Upper

184 100

185 15.4 11.8 17.6

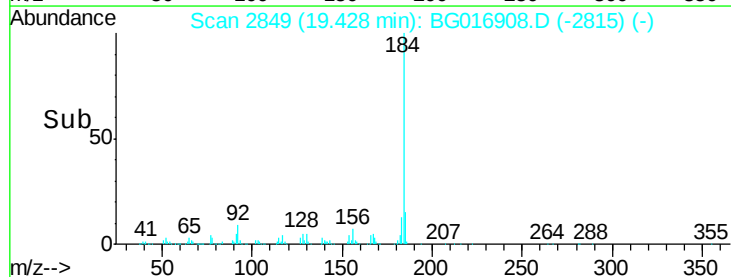
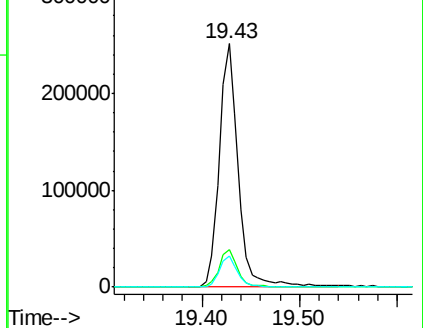
183 12.7 10.6 15.8

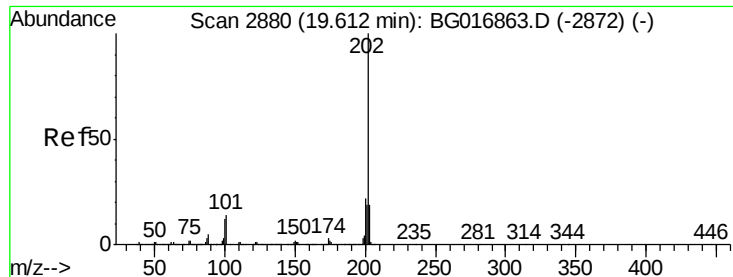


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 33.27 ng

RT: 19.60 min Scan# 2879

Delta R.T. -0.00 min

Lab File: BG016908.D

Acq: 6 May 2015 20:12

Instrument :

BNA_G

ClientSampleId :

PB83061BS

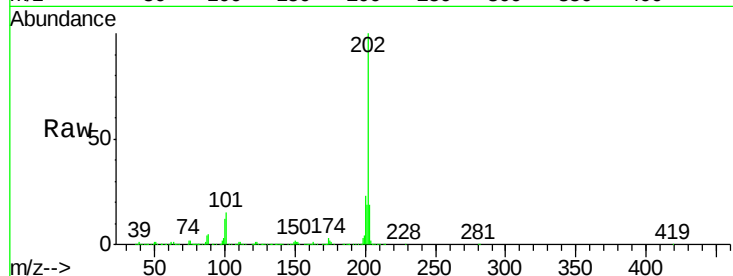
Tot Ion:202 Resp: 942401

Ion Ratio Lower Upper

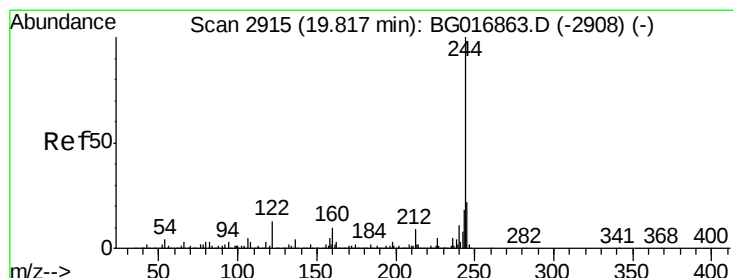
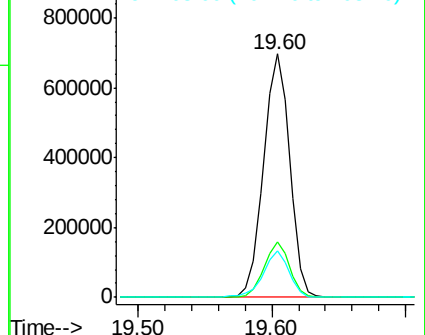
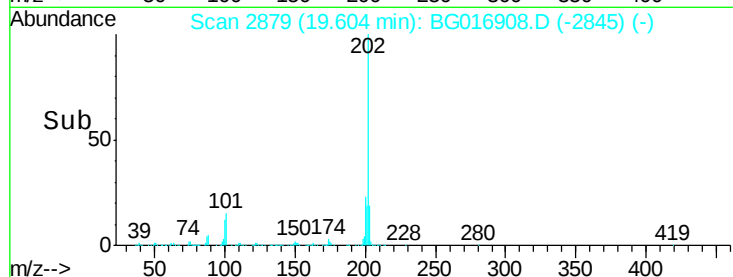
202 100

200 22.7 17.9 26.9

203 19.0 15.2 22.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 67.09 ng

RT: 19.81 min Scan# 2914

Delta R.T. -0.00 min

Lab File: BG016908.D

Acq: 6 May 2015 20:12

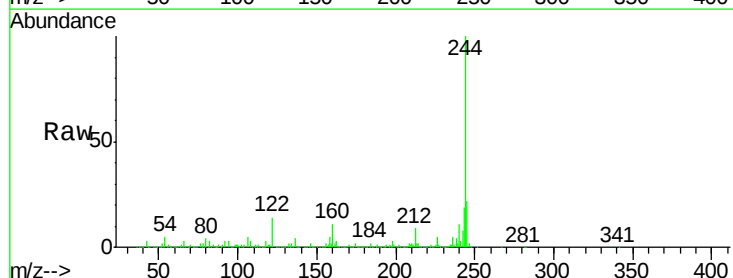
Tgt Ion:244 Resp: 1373461

Ion Ratio Lower Upper

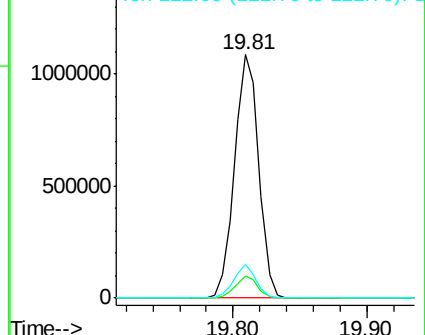
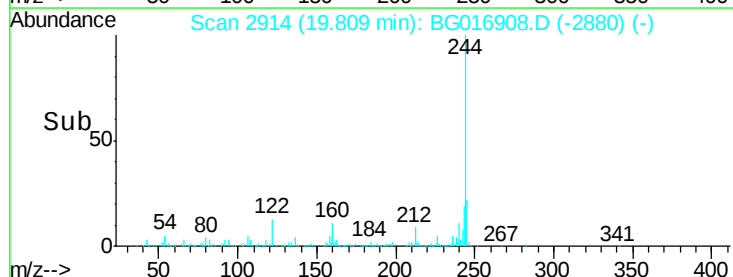
244 100

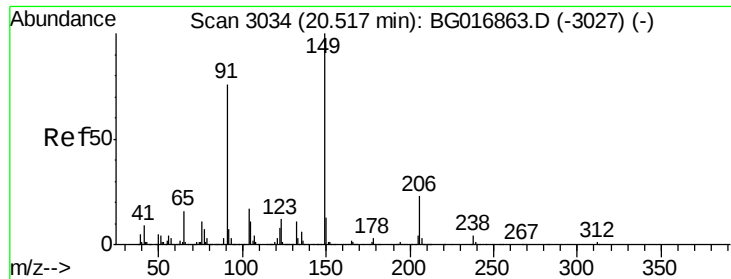
212 9.2 7.0 10.6

122 13.8 10.4 15.6



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

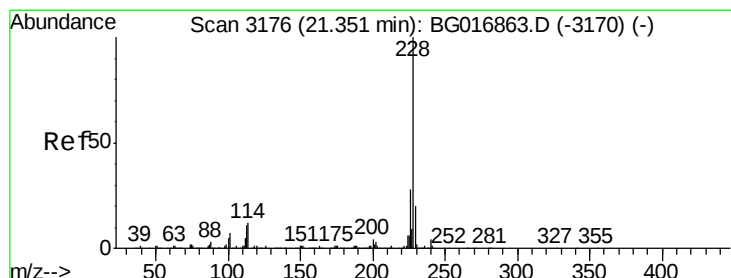
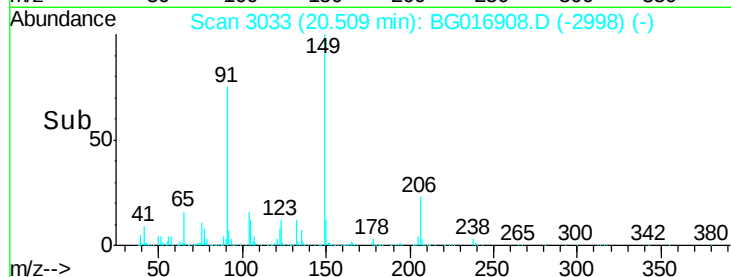
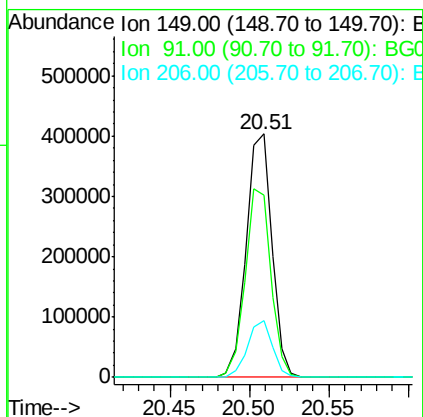
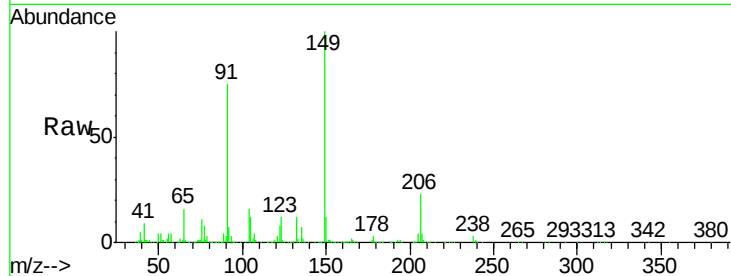




#79
Butylbenzylphthalate
Concen: 33.84 ng
RT: 20.51 min Scan# 3033
Delta R.T. 0.00 min
Lab File: BG016908.D
Acq: 6 May 2015 20:12

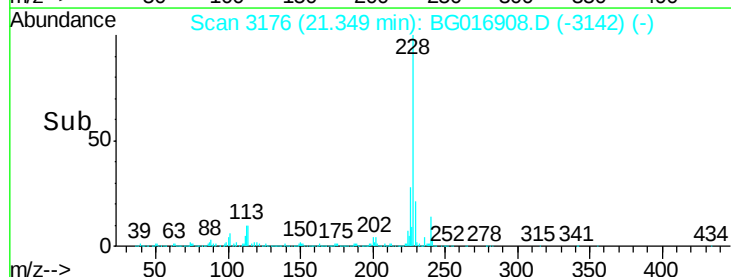
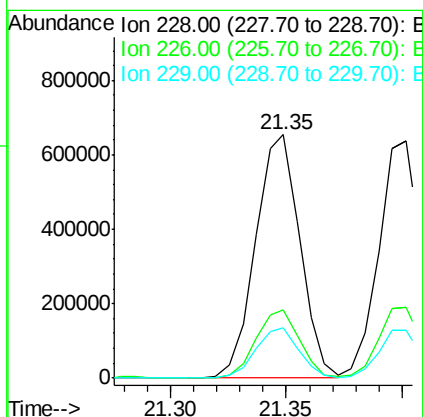
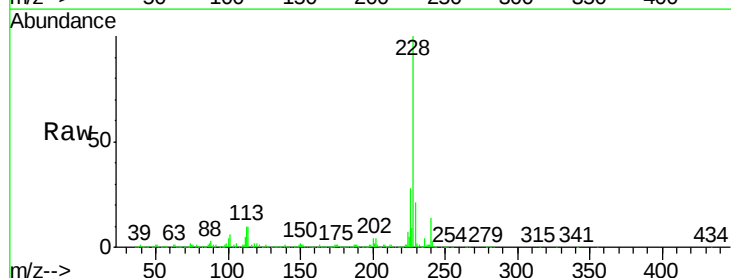
Instrument :
BNA_G
ClientSampleId :
PB83061BS

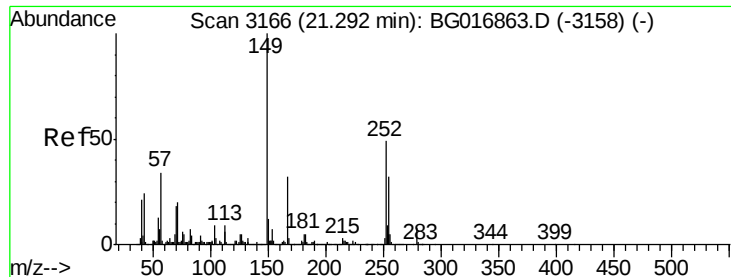
Tot Ion:149 Resp: 455577
Ion Ratio Lower Upper
149 100
91 74.7 60.6 91.0
206 23.1 18.4 27.6



#80
Benzo(a)anthracene
Concen: 33.85 ng
RT: 21.35 min Scan# 3176
Delta R.T. -0.00 min
Lab File: BG016908.D
Acq: 6 May 2015 20:12

Tgt Ion:228 Resp: 871453
Ion Ratio Lower Upper
228 100
226 28.2 22.7 34.1
229 20.5 16.1 24.1

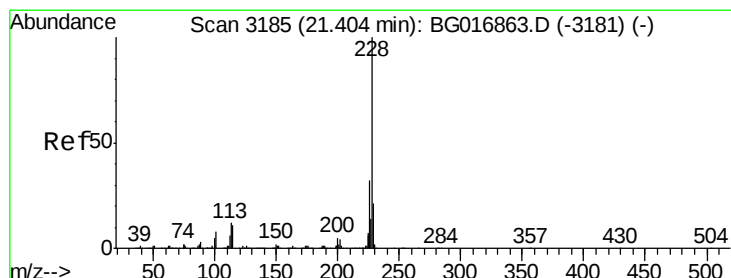
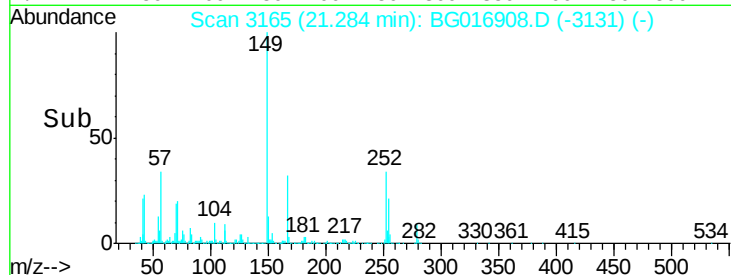
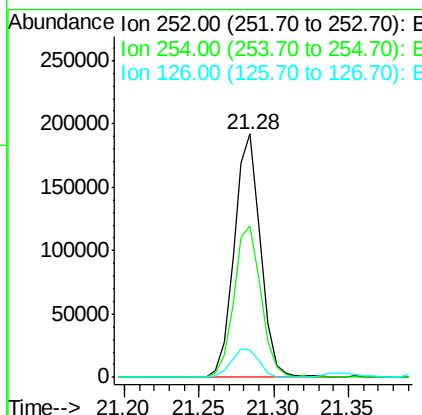
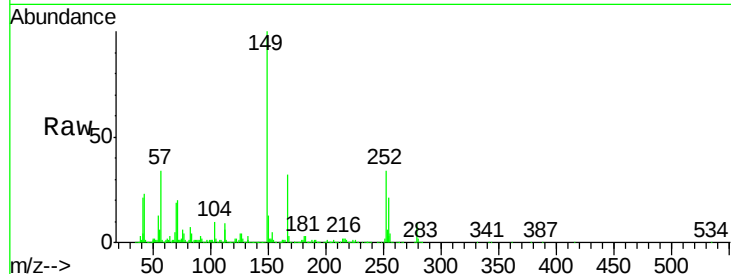




#81
 3,3'-Dichlorobenzidine
 Concen: 23.46 ng
 RT: 21.28 min Scan# 3165
 Delta R.T. -0.00 min
 Lab File: BG016908.D
 Acq: 6 May 2015 20:12

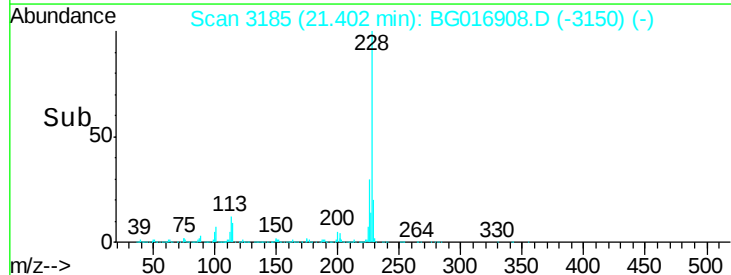
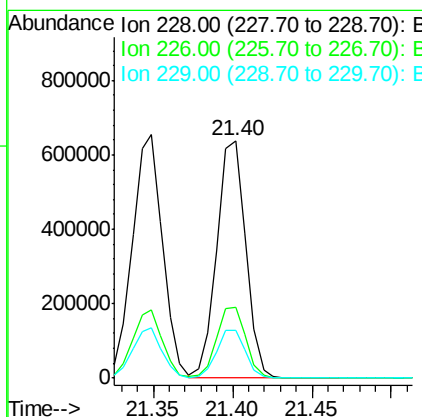
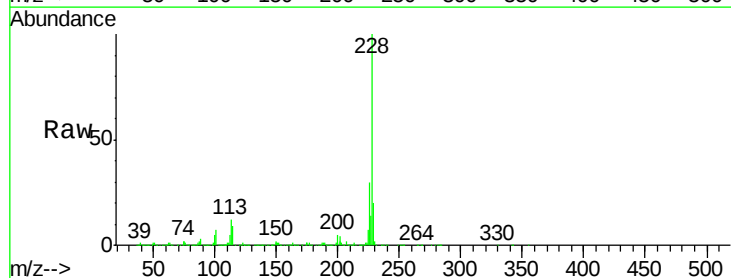
Instrument :
 BNA_G
 ClientSampleId :
 PB83061BS

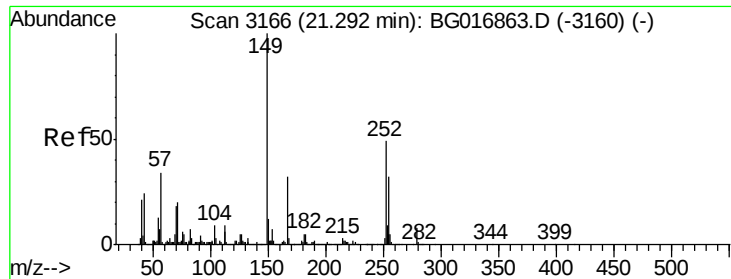
Tot Ion:252 Resp: 235843
 Ion Ratio Lower Upper
 252 100
 254 62.3 51.7 77.5
 126 11.1 8.9 13.3



#82
 Chrysene
 Concen: 33.61 ng
 RT: 21.40 min Scan# 3185
 Delta R.T. 0.00 min
 Lab File: BG016908.D
 Acq: 6 May 2015 20:12

Tgt Ion:228 Resp: 810479
 Ion Ratio Lower Upper
 228 100
 226 29.8 25.4 38.0
 229 19.9 16.5 24.7





#83

Bis(2-ethylhexyl)phthalate

Concen: 33.95 ng

RT: 21.28 min Scan# 3165

Delta R.T. -0.00 min

Lab File: BG016908.D

Acq: 6 May 2015 20:12

Instrument :

BNA_G

ClientSampleId :

PB83061BS

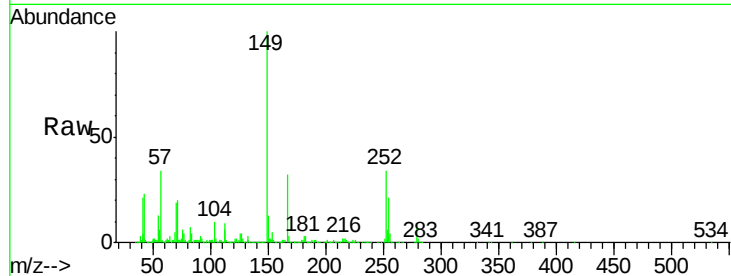
Tot Ion:149 Resp: 625147

Ion Ratio Lower Upper

149 100

167 32.4 25.4 38.0

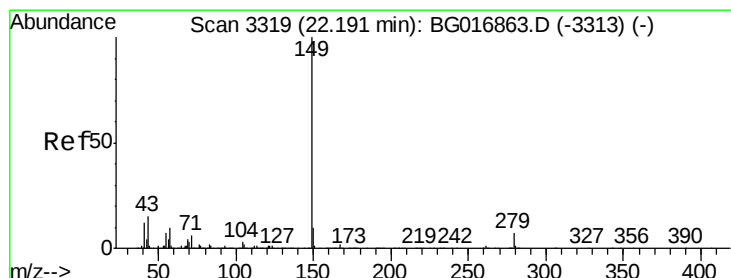
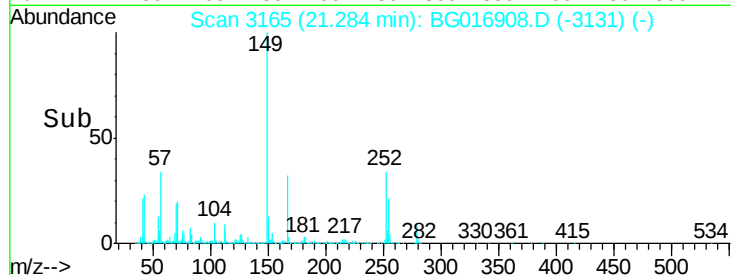
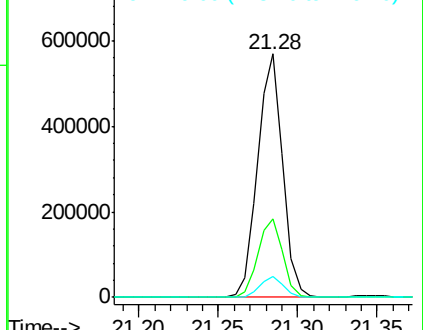
279 8.6 6.4 9.6



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: 34.45 ng

RT: 22.18 min Scan# 3317

Delta R.T. -0.00 min

Lab File: BG016908.D

Acq: 6 May 2015 20:12

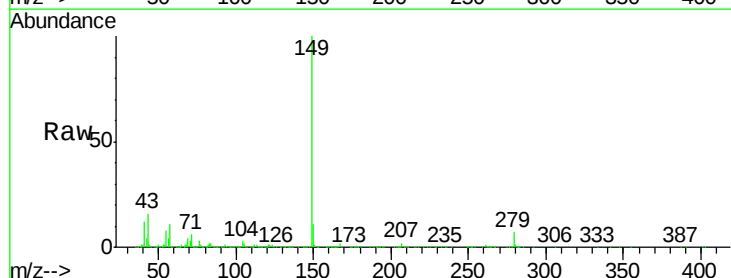
Tgt Ion:149 Resp: 1065779

Ion Ratio Lower Upper

149 100

167 1.8 0.0 0.0#

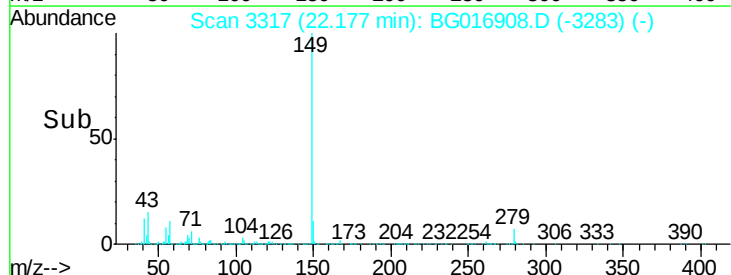
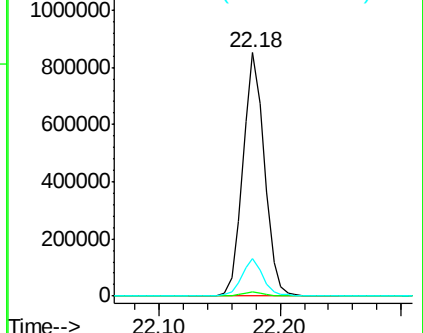
43 14.8 0.0 0.0#

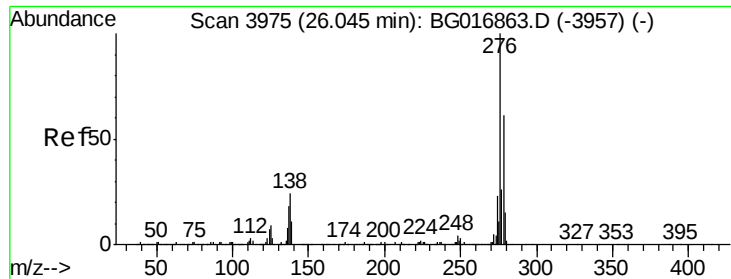


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG0

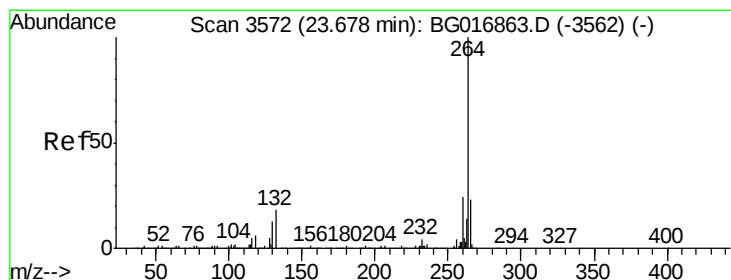
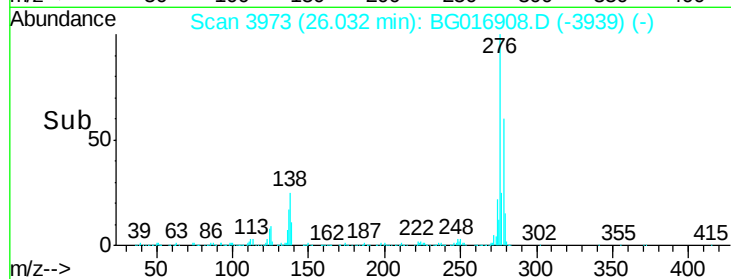
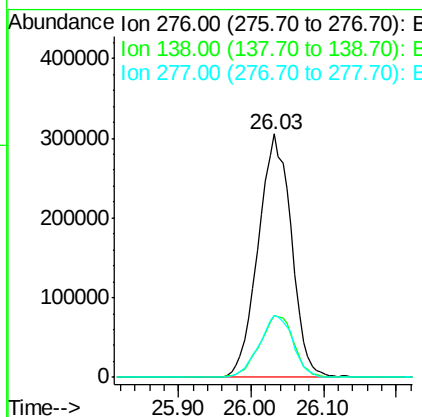
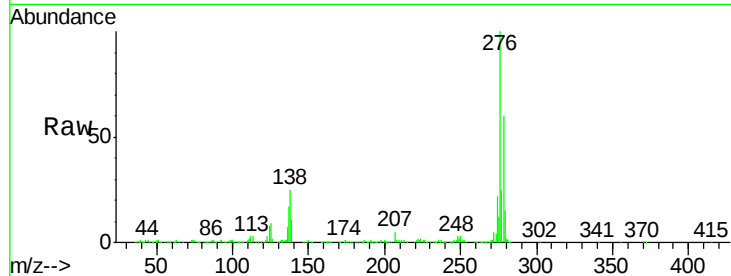




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.92 ng
 RT: 26.03 min Scan# 3973
 Delta R.T. -0.00 min
 Lab File: BG016908.D
 Acq: 6 May 2015 20:12

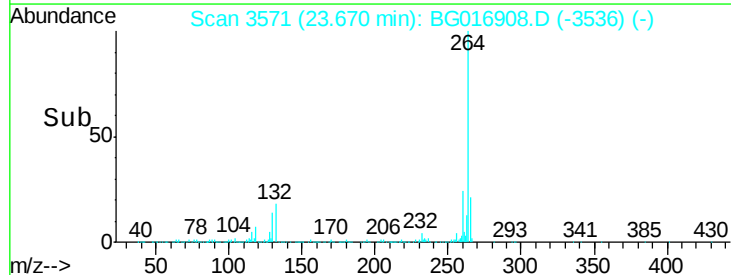
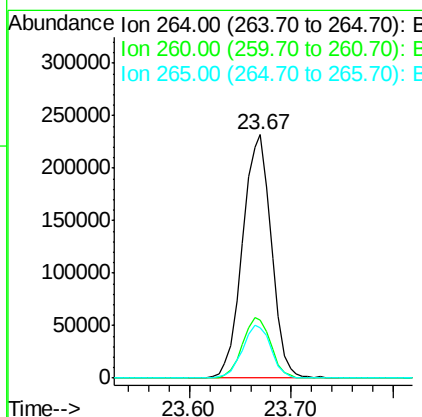
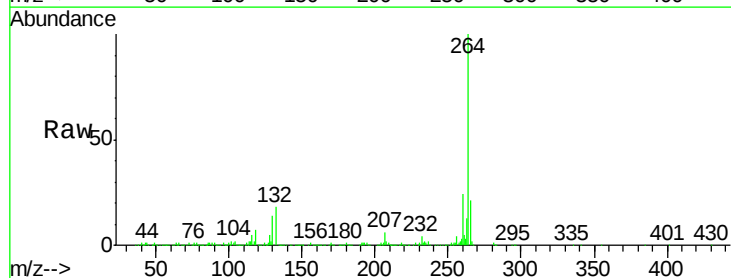
Instrument :
 BNA_G
 ClientSampleId :
 PB83061BS

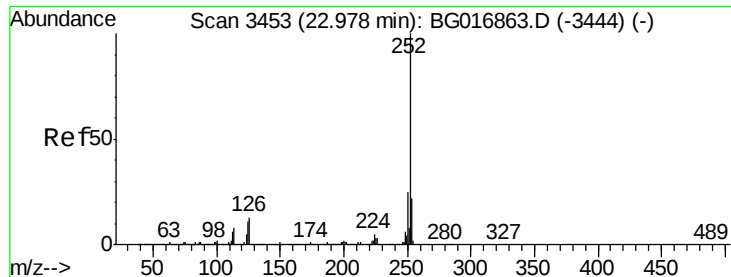
Tot Ion:276 Resp: 974792
 Ion Ratio Lower Upper
 276 100
 138 26.4 0.0 0.0#
 277 26.0 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.67 min Scan# 3571
 Delta R.T. 0.00 min
 Lab File: BG016908.D
 Acq: 6 May 2015 20:12

Tgt Ion:264 Resp: 455405
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.5 29.3
 265 20.8 18.5 27.7





#87

Benzo(b)fluoranthene

Concen: 35.02 ng

RT: 22.97 min Scan# 3452

Delta R.T. 0.00 min

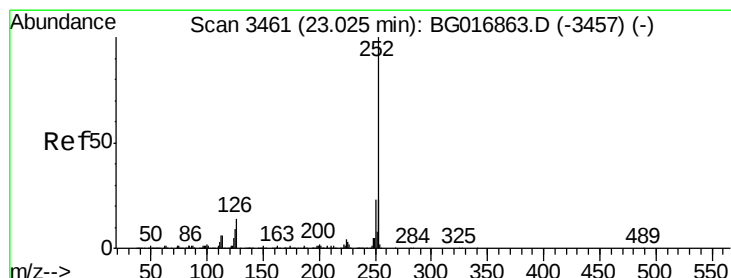
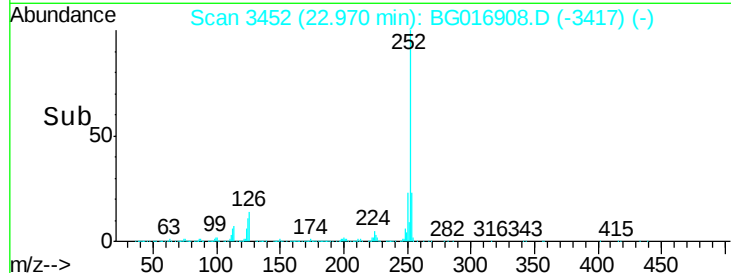
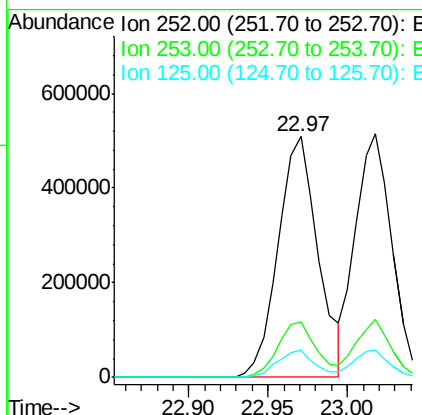
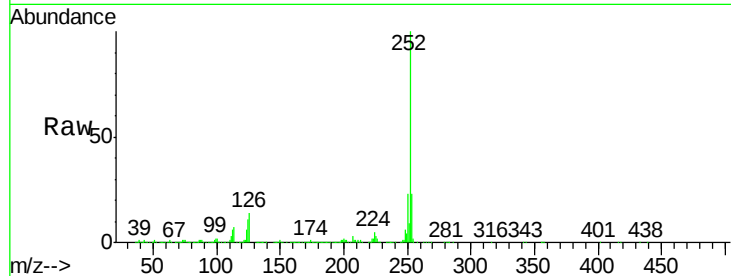
Lab File: BG016908.D

Acq: 6 May 2015 20:12

Instrument :
BNA_G
ClientSampleId :
PB83061BS

Tot Ion:252 Resp: 888445

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.0
125	11.2	8.6	13.0



#88

Benzo(k)fluoranthene

Concen: 33.78 ng

RT: 23.02 min Scan# 3460

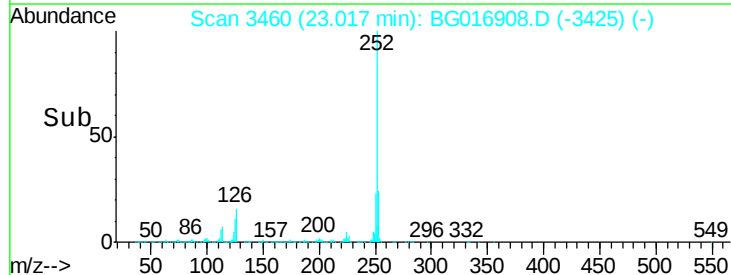
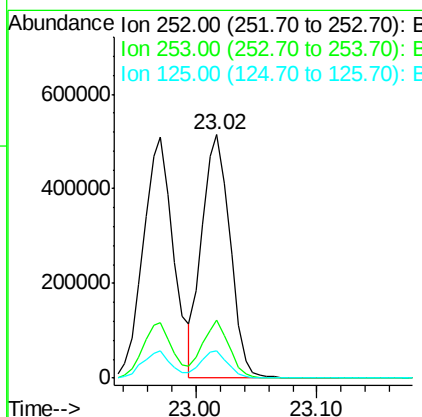
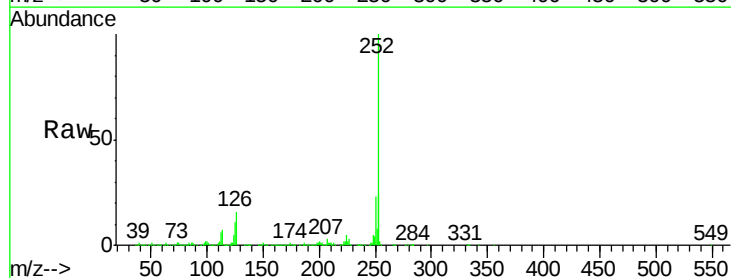
Delta R.T. 0.00 min

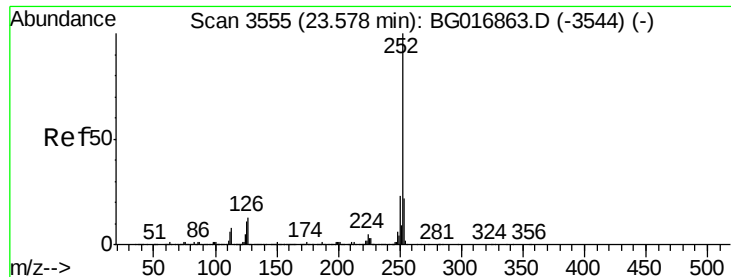
Lab File: BG016908.D

Acq: 6 May 2015 20:12

Tgt Ion:252 Resp: 824547

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.4	27.6
125	11.3	7.9	11.9





#89

Benzo(a)pyrene

Concen: 35.50 ng

RT: 23.57 min Scan# 3554

Delta R.T. 0.00 min

Lab File: BG016908.D

Acq: 6 May 2015 20:12

Instrument :

BNA_G

ClientSampleId :

PB83061BS

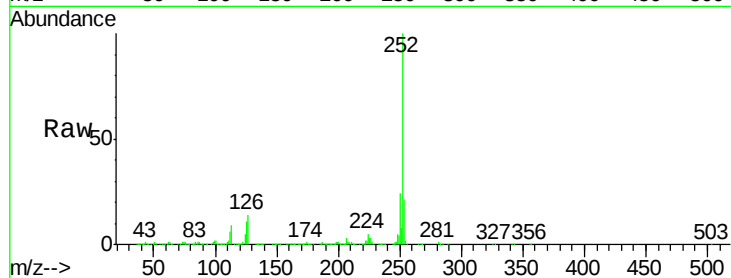
Tot Ion:252 Resp: 839737

Ion Ratio Lower Upper

252 100

253 21.1 17.7 26.5

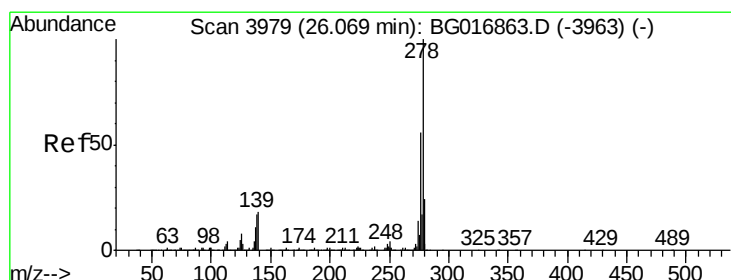
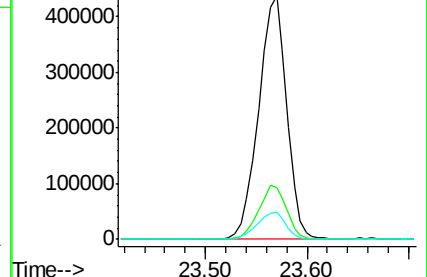
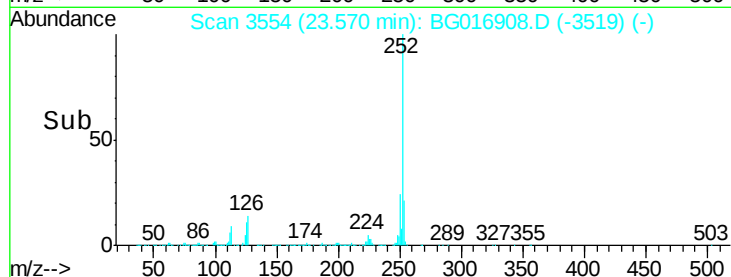
125 11.4 8.5 12.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 33.93 ng

RT: 26.05 min Scan# 3976

Delta R.T. 0.00 min

Lab File: BG016908.D

Acq: 6 May 2015 20:12

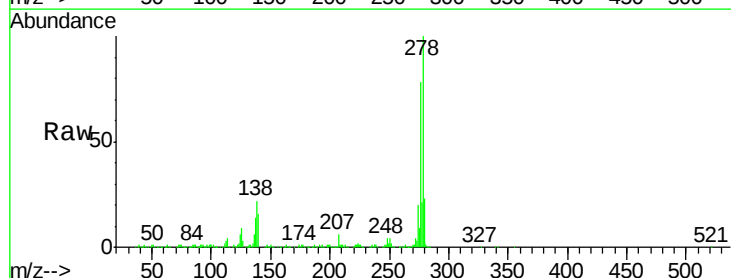
Tgt Ion:278 Resp: 819980

Ion Ratio Lower Upper

278 100

139 15.8 14.2 21.2

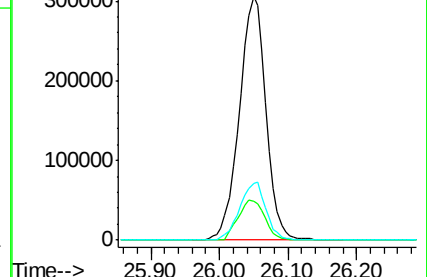
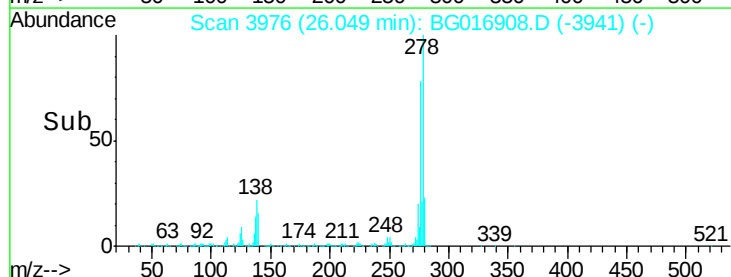
279 23.2 18.9 28.3

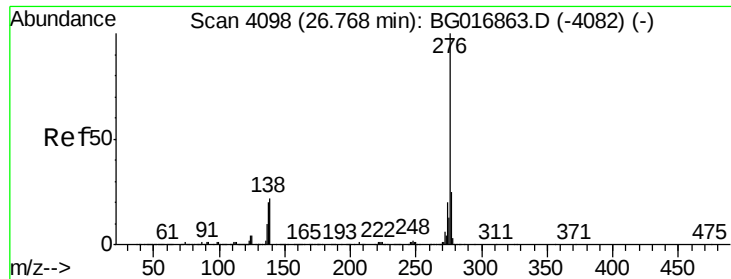


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

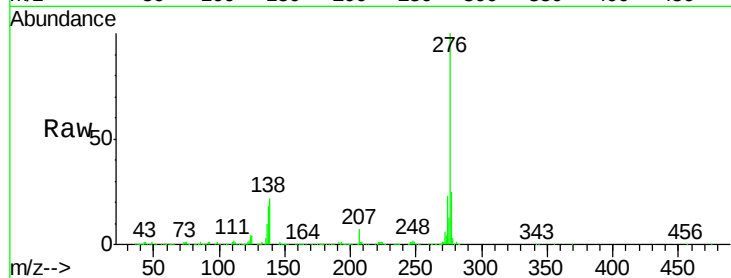




#91
 Benzo(a,h,i)perylene
 Concen: 34.14 ng
 RT: 26.76 min Scan# 4097
 Delta R.T. 0.00 min
 Lab File: BG016908.D
 Acq: 6 May 2015 20:12

Instrument :
 BNA_G
 ClientSampleId :
 PB83061BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.6	29.4
138	21.7	17.5	26.3



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

