

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100515\
 Data File : BG019027.D
 Acq On : 5 Oct 2015 14:41
 Operator : UM/NP
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02034

Quant Time: Oct 06 03:31:44 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 06 03:29:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	28637	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	121905	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.67	164	76497	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.41	188	188014	20.00	ng/ul	0.00
78) Chrysene-d12	21.68	240	242135	20.00	ng/ul	0.00
86) Perylene-d12	24.90	264	232159	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.51	96	4483	7.07	ng/uL	0.00
5) Phenol-d5	7.20	99	47965	19.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.37	67	32377	20.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.58	132	36769	19.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	37888	19.53	ng/ul	0.00
19) Nitrobenzene-d5	9.21	128	18782	20.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	20082	21.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	38669	20.38	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	51112	22.09	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	121986	20.22	ng/ul	0.00
47) Acenaphthylene-d8	14.37	160	144006	19.30	ng/ul	0.00
52) 4-Nitrophenol-d4	14.85	143	25208	20.69	ng/ul	0.00
58) Fluorene-d10	15.66	176	107223	19.63	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.77	200	20196	19.80	ng/ul	0.00
71) Anthracene-d10	17.51	188	174817	19.75	ng/ul	0.00
79) Pyrene-d10	19.79	212	218944	19.52	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.67	264	232309	19.56	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	5594	8.02	ng/uL#	82
4) Benzaldehyde	7.19	77	30357	20.76	ng/ul	98
6) Phenol	7.23	94	50418	20.03	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.46	93	37896	19.97	ng/ul	99
10) 2-Chlorophenol	7.61	128	38184	19.84	ng/ul	99
11) 2-Methylphenol	8.48	108	38307	19.74	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.58	45	79134	21.25	ng/ul	97
14) Acetophenone	8.87	105	60710	20.21	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.85	70	32014	19.81	ng/ul	97
16) 4-Methylphenol	8.81	108	42397	19.82	ng/ul	97
17) Hexachloroethane	9.14	117	15017	19.61	ng/ul	96
20) Nitrobenzene	9.25	77	46942	20.46	ng/ul	97
21) Isophorone	9.77	82	91031	20.34	ng/ul#	97
23) 2-Nitrophenol	9.96	139	20896	20.52	ng/ul	96
24) 2,4-Dimethylphenol	10.01	107	46629	20.19	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.25	93	51855	19.60	ng/ul	95
27) 2,4-Dichlorophenol	10.49	162	39274	20.24	ng/ul	96
28) Naphthalene	10.90	128	124606	19.74	ng/ul	98
30) 4-Chloroaniline	11.00	127	53535	22.38	ng/ul	99
31) Hexachlorobutadiene	11.19	225	25564	20.67	ng/ul	97
32) Caprolactam	11.77	113	11782	18.02	ng/ul#	74
33) 4-Chloro-3-methylphenol	12.12	107	44649	20.98	ng/ul	91
34) 2-Methylnaphthalene	12.50	142	94371	19.96	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.72	142	92865	20.02	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.87	216	50683	20.40	ng/ul	99
38) Hexachlorocyclopentadiene	12.86	237	30973	19.40	ng/ul	98
39) 2,4,6-Trichlorophenol	13.10	196	31270	19.37	ng/ul	99
40) 2,4,5-Trichlorophenol	13.17	196	35477	20.47	ng/ul	98
41) 1,1'-Biphenyl	13.51	154	122179	19.59	ng/ul	98
42) 2-Chloronaphthalene	13.55	162	94778	19.57	ng/ul	96
43) 2-Nitroaniline	13.74	65	33930	21.57	ng/ul	94
45) Dimethylphthalate	14.12	163	121715	19.76	ng/ul	98
46) 2,6-Dinitrotoluene	14.24	165	24620	20.79	ng/ul	98
48) Acenaphthylene	14.39	152	157190	19.68	ng/ul	100
49) 3-Nitroaniline	14.57	138	25242	21.57	ng/ul	96
50) Acenaphthene	14.74	153	106185	19.59	ng/ul	98
51) 2,4-Dinitrophenol	14.77	184	11981	17.47	ng/ul	93
53) 4-Nitrophenol	14.86	109	20514	22.01	ng/ul	98
54) Dibenzofuran	15.07	168	144824	19.64	ng/ul	97
55) 2,4-Dinitrotoluene	15.02	165	37792	21.82	ng/ul	92
56) 2,3,4,6-Tetrachlorophenol	15.29	232	31767	19.86	ng/ul	93
57) Diethylphthalate	15.49	149	122839	19.88	ng/ul	100
59) Fluorene	15.72	166	122437	19.70	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.71	204	59825	19.49	ng/ul	96
61) 4-Nitroaniline	15.73	138	27967	21.16	ng/ul	92
64) 4,6-Dinitro-2-methylphenol	15.78	198	21666	20.11	ng/ul#	96
65) N-Nitrosodiphenylamine	15.92	169	106909	19.55	ng/ul	96
66) 4-Bromophenyl-phenylether	16.60	248	40976	19.97	ng/ul	94
67) Hexachlorobenzene	16.72	284	45672	19.57	ng/ul	97
68) Atrazine	16.87	200	48498	21.37	ng/ul	99
69) Pentachlorophenol	17.06	266	26985	18.42	ng/ul	96
70) Phenanthrene	17.46	178	208098	19.64	ng/ul	99
72) Anthracene	17.54	178	209993	19.67	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.47	216	49304	19.44	ng/uL	97
74) Pentachlorobenzene	14.99	250	49264	19.94	ng/uL	97
75) Carbazole	17.81	167	195022	21.17	ng/ul	98
76) Di-n-butylphthalate	18.38	149	237040	20.13	ng/ul	99
77) Fluoranthene	19.46	202	273677	22.19	ng/ul	100
80) Pyrene	19.82	202	286726	19.68	ng/ul	99
81) Butylbenzylphthalate	20.71	149	112207	20.30	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.57	252	88808	19.81	ng/ul	99
83) Benzo(a)anthracene	21.66	228	274568	19.65	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	155127	19.34	ng/ul#	99
85) Chrysene	21.73	228	256766	19.47	ng/ul	99
87) Di-n-octyl phthalate	22.79	149	257375	19.53	ng/ul	100
88) Benzo(b)fluoranthene	23.87	252	264199	19.32	ng/ul	100
89) Benzo(k)fluoranthene	23.94	252	256086	19.22	ng/ul	99
91) Benzo(a)pyrene	24.75	252	258167	19.49	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.56	276	299924	19.75	ng/ul	95
93) Dibenzo(a,h)anthracene	28.63	278	259989	19.81	ng/ul	99
94) Benzo(g,h,i)perylene	29.71	276	245714	19.44	ng/ul	100

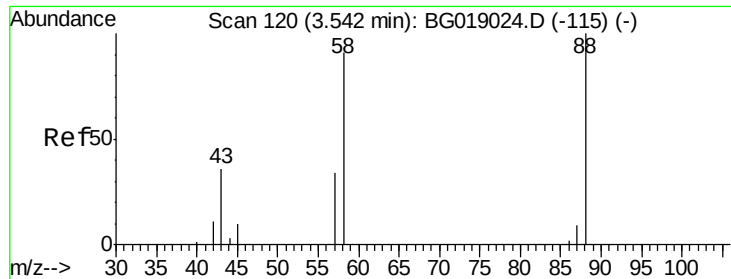
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#2

1,4-Dioxane

Concen: 8.02 ng/uL

RT: 3.54 min Scan# 119

Delta R.T. -0.00 min

Lab File: BG019027.D

Acq: 5 Oct 2015 14:41

Instrument :

BNA_G

ClientSampleId :

SSTD02034

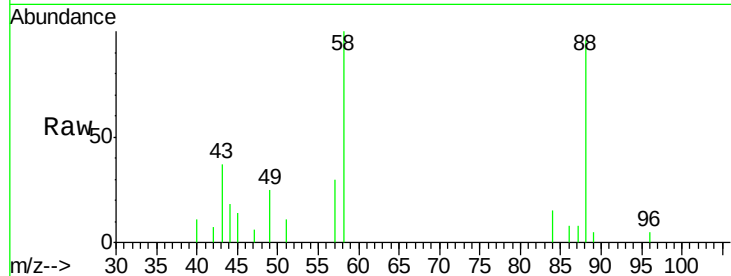
Tgt Ion: 88 Resp: 5594

Ion Ratio Lower Upper

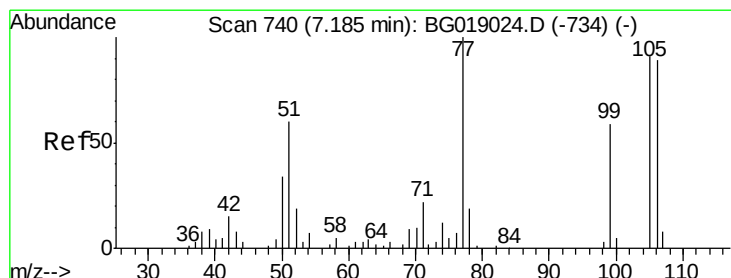
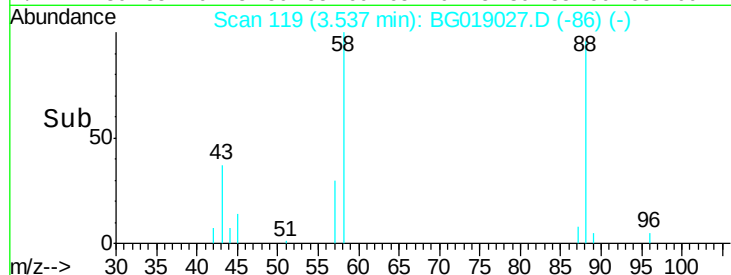
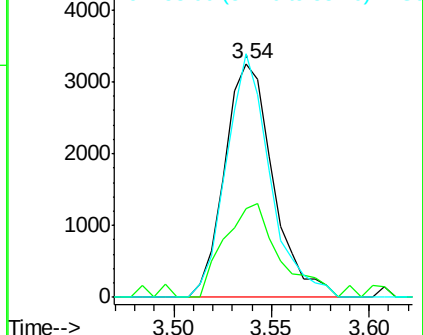
88 100

43 38.1 29.7 44.5

58 104.3 65.4 98.0#



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



#4

Benzaldehyde

Concen: 20.76 ng/uL

RT: 7.19 min Scan# 740

Delta R.T. 0.00 min

Lab File: BG019027.D

Acq: 5 Oct 2015 14:41

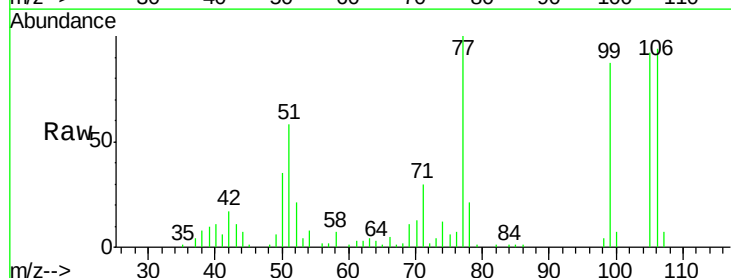
Tgt Ion: 77 Resp: 30357

Ion Ratio Lower Upper

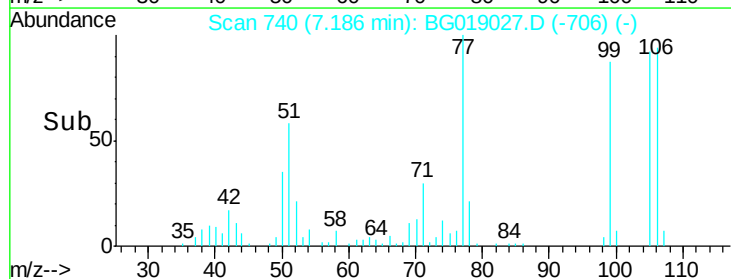
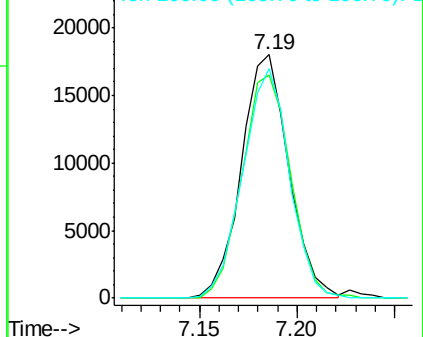
77 100

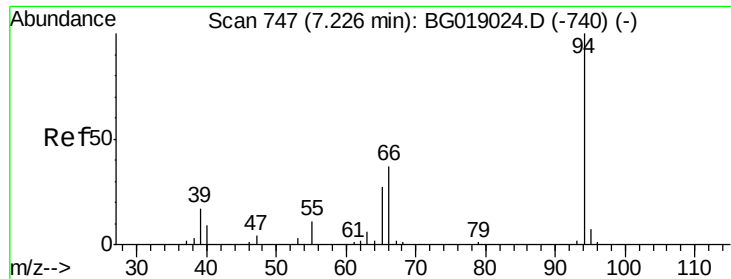
105 91.7 75.6 113.4

106 94.4 75.8 113.6



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





#6

Phenol

Concen: 20.03 ng/ul

RT: 7.23 min Scan# 747

Delta R.T. 0.00 min

Lab File: BG019027.D

Acq: 5 Oct 2015 14:41

Instrument :

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ClientSampleId :

SSTD02034

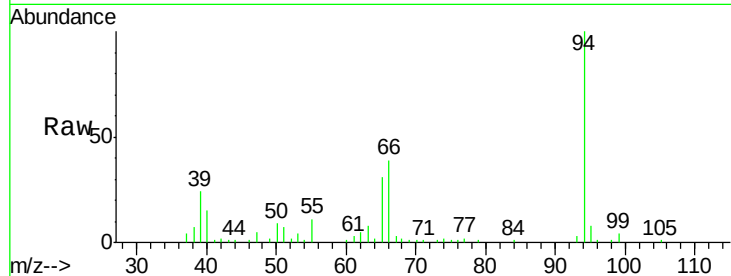
Tgt Ion: 94 Resp: 50418

Ion Ratio Lower Upper

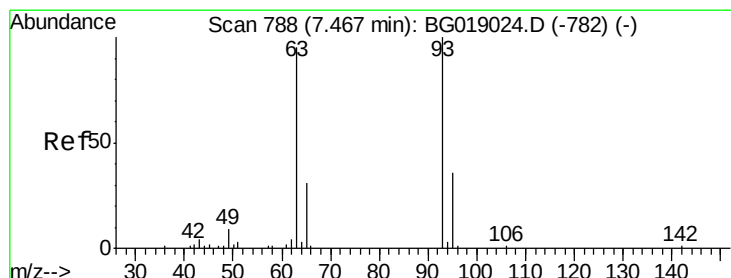
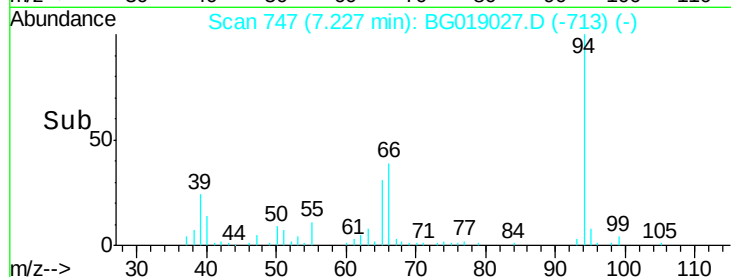
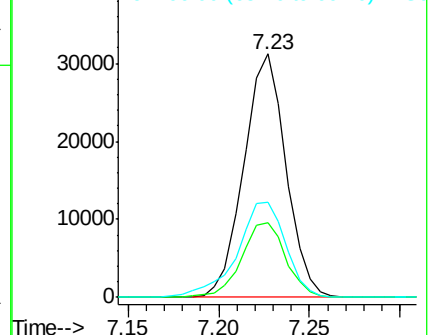
94 100

65 30.9 24.9 37.3

66 39.0 29.1 43.7



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



#8

Bis(2-Chloroethyl)ether

Concen: 19.97 ng/ul

RT: 7.46 min Scan# 787

Delta R.T. -0.00 min

Lab File: BG019027.D

Acq: 5 Oct 2015 14:41

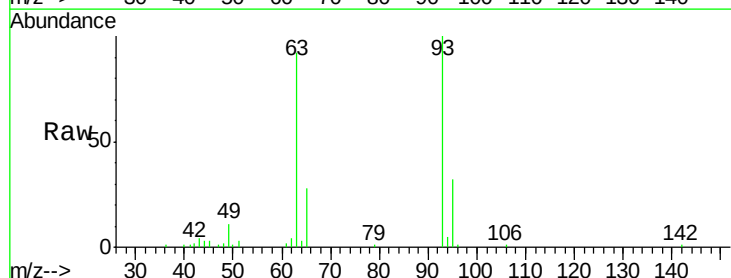
Tgt Ion: 93 Resp: 37896

Ion Ratio Lower Upper

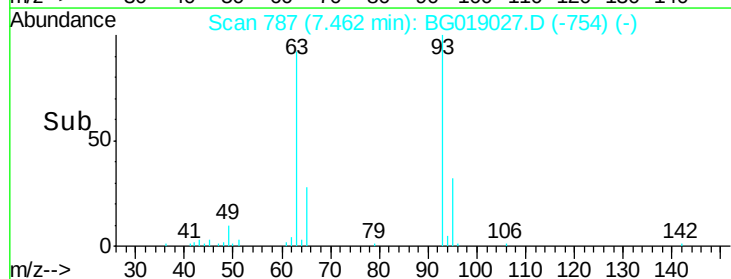
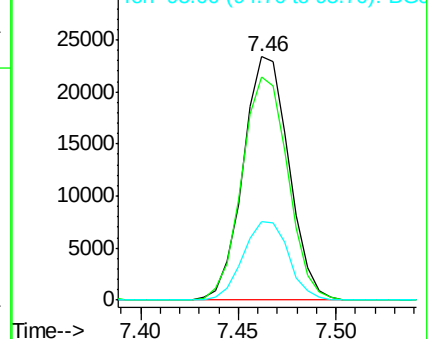
93 100

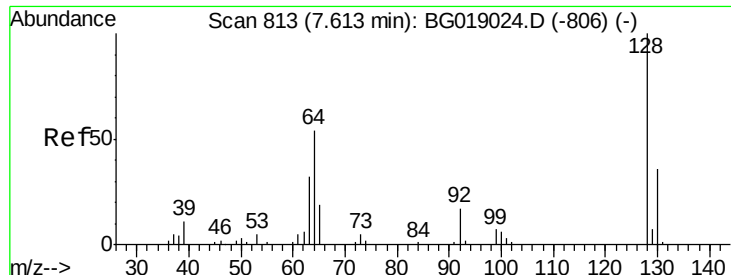
63 91.8 73.2 109.8

95 32.1 27.0 40.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

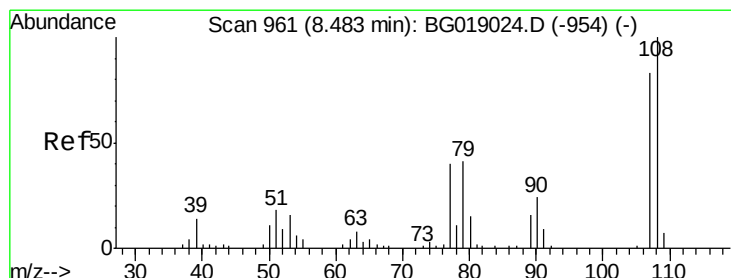
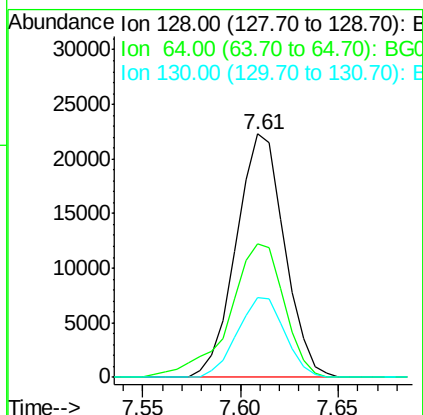
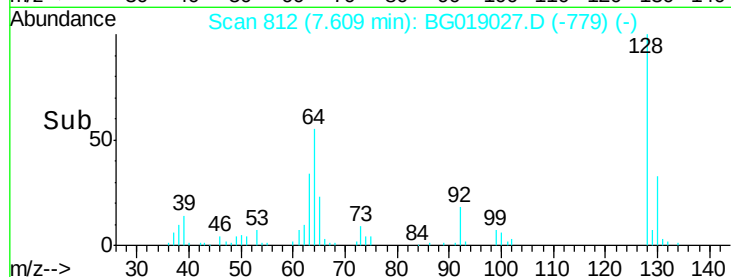
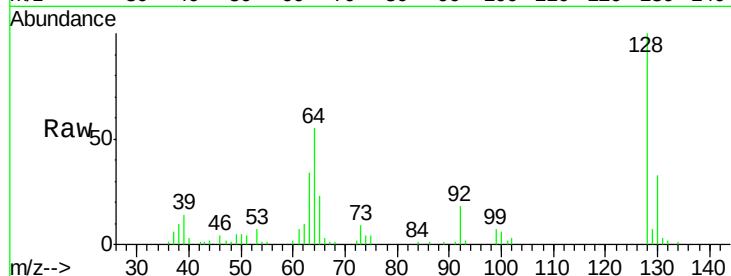




#10
2-Chlorophenol
Concen: 19.84 ng/ul
RT: 7.61 min Scan# 812
Delta R.T. -0.00 min
Lab File: BG019027.D
Acq: 5 Oct 2015 14:41

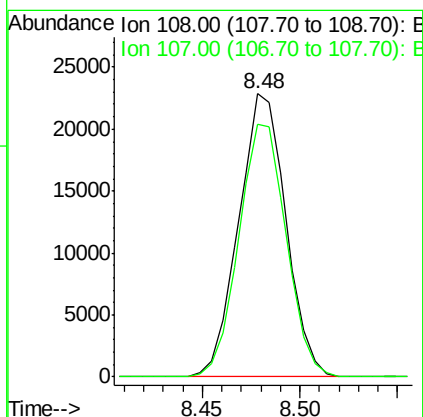
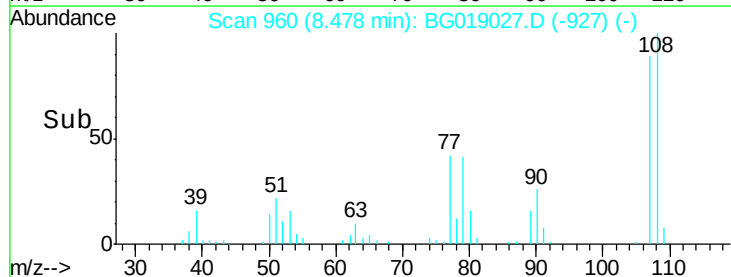
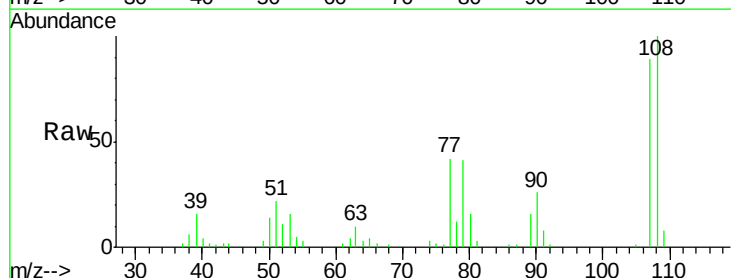
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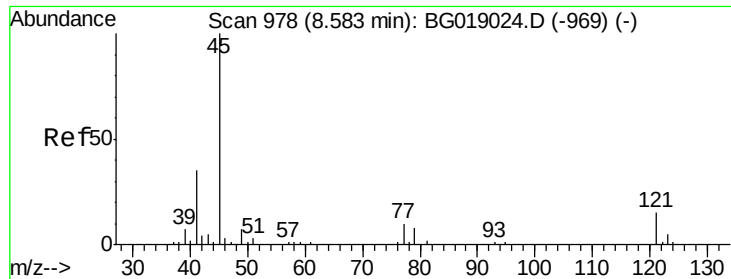
Tgt Ion:128 Resp: 38184
Ion Ratio Lower Upper
128 100
64 54.6 43.3 64.9
130 32.6 26.5 39.7



#11
2-Methylphenol
Concen: 19.74 ng/ul
RT: 8.48 min Scan# 960
Delta R.T. -0.00 min
Lab File: BG019027.D
Acq: 5 Oct 2015 14:41

Tgt Ion:108 Resp: 38307
Ion Ratio Lower Upper
108 100
107 89.1 76.7 115.1

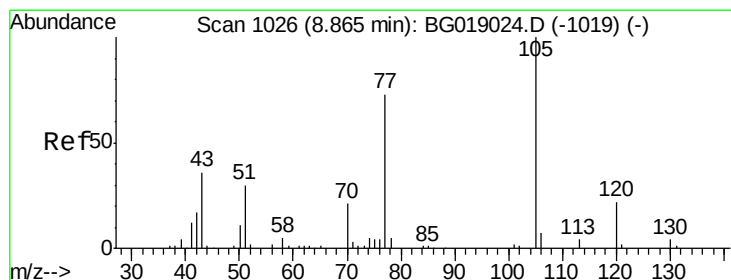
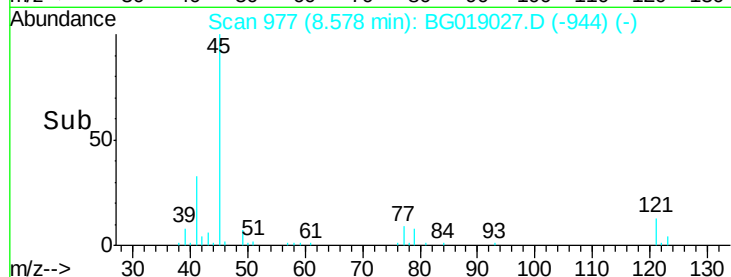
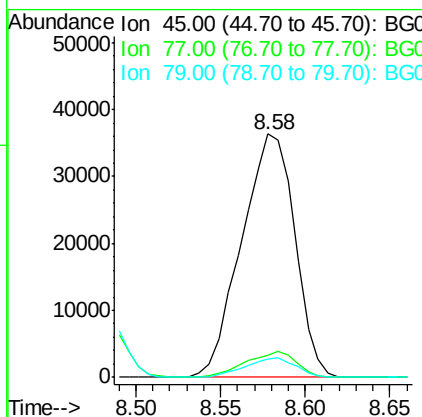
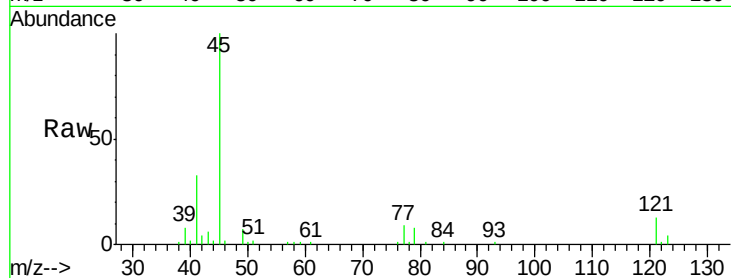




#12
2,2'-oxybis(1-Chloropropane)
Concen: 21.25 ng/ul
RT: 8.58 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG019027.D
Acq: 5 Oct 2015 14:41

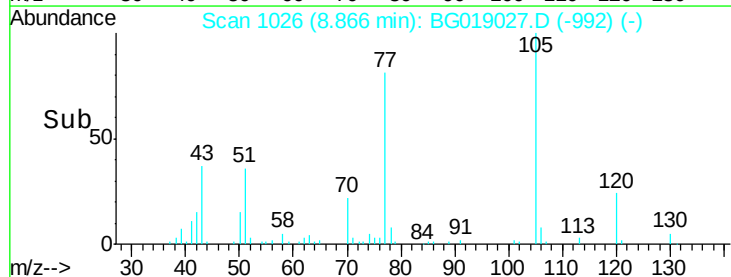
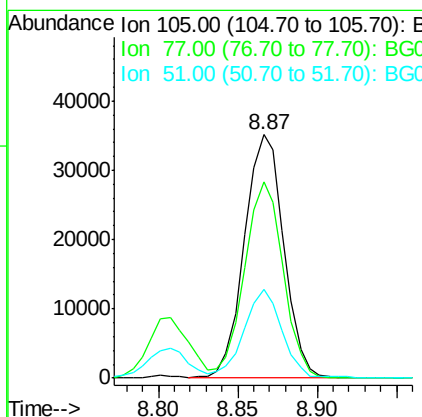
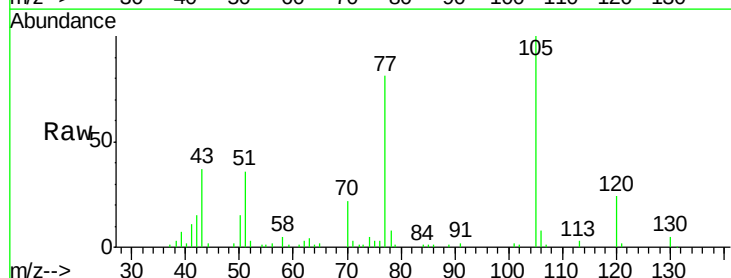
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BNA_G
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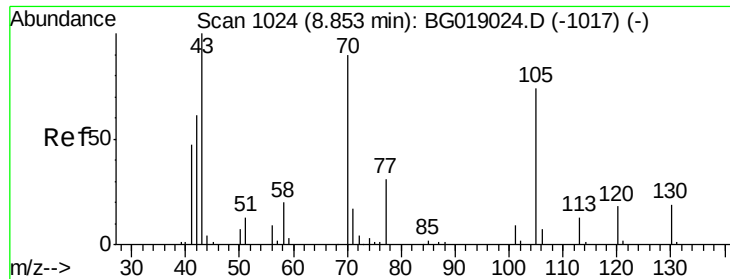
Tgt Ion: 45 Resp: 79134
Ion Ratio Lower Upper
45 100
77 9.3 8.2 12.2
79 7.6 7.4 11.0



#14
Acetophenone
Concen: 20.21 ng/ul
RT: 8.87 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BG019027.D
Acq: 5 Oct 2015 14:41

Tgt Ion: 105 Resp: 60710
Ion Ratio Lower Upper
105 100
77 80.8 63.8 95.6
51 36.2 26.1 39.1

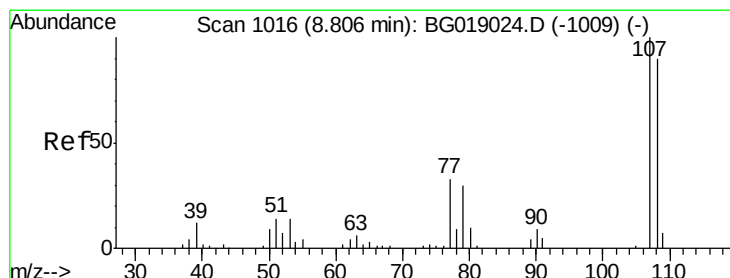
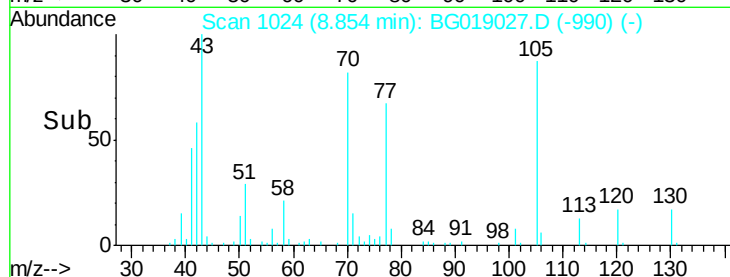
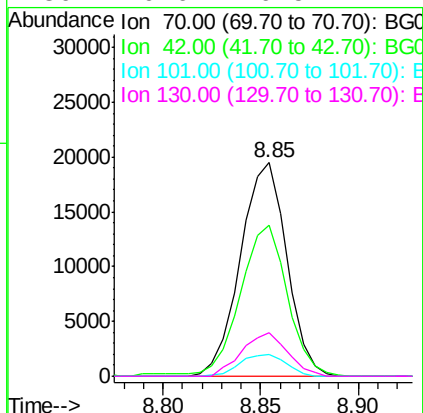
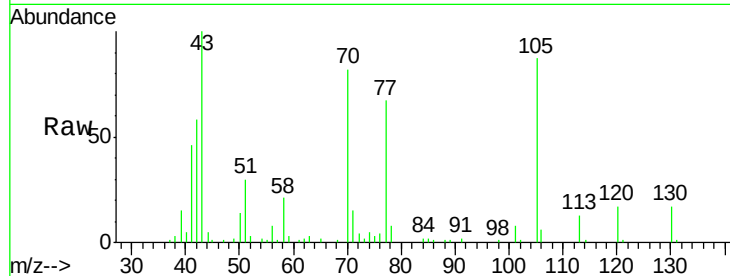




#15
N-Nitroso-di-n-propylamine
Concen: 19.81 ng/ul
RT: 8.85 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BG019027.D
Acq: 5 Oct 2015 14:41

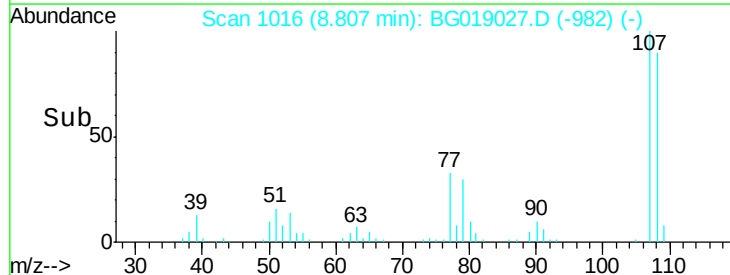
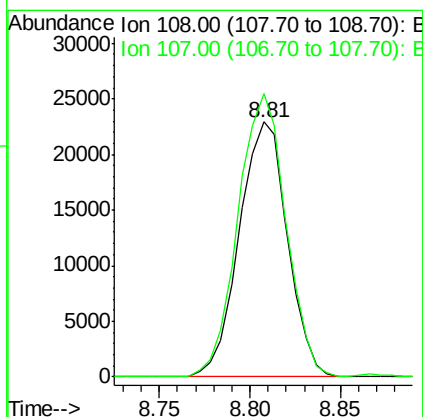
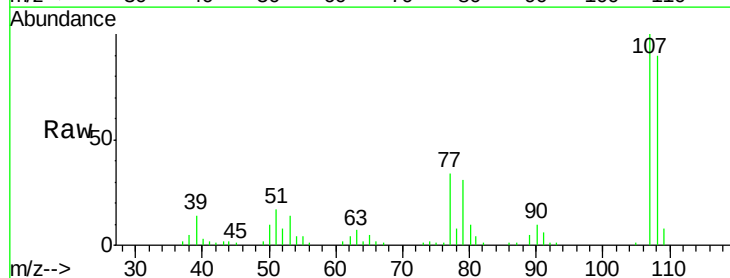
Instrument :
BNA_G
ClientSampleId :
SSTD02034

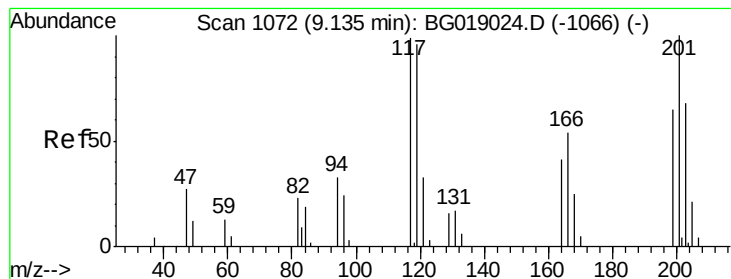
Tgt Ion: 70 Resp: 32014
Ion Ratio Lower Upper
70 100
42 70.9 53.6 80.4
101 10.2 7.9 11.9
130 20.6 16.5 24.7



#16
4-Methylphenol
Concen: 19.82 ng/ul
RT: 8.81 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BG019027.D
Acq: 5 Oct 2015 14:41

Tgt Ion: 108 Resp: 42397
Ion Ratio Lower Upper
108 100
107 111.1 86.6 130.0





#17

Hexachloroethane

Concen: 19.61 ng/ul

RT: 9.14 min Scan# 1072

Delta R.T. 0.00 min

Lab File: BG019027.D

Acq: 5 Oct 2015 14:41

Instrument :

BNA_G

ClientSampleId :

SSTD02034

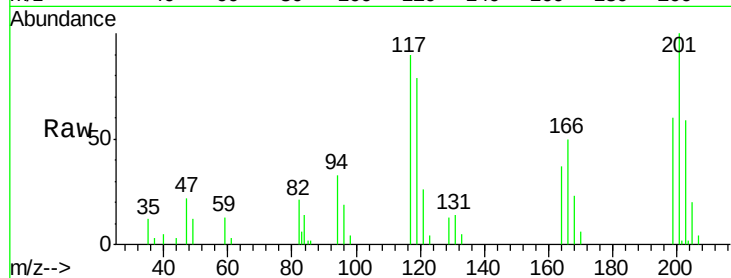
Tgt Ion:117 Resp: 15017

Ion Ratio Lower Upper

117 100

201 113.3 91.4 137.0

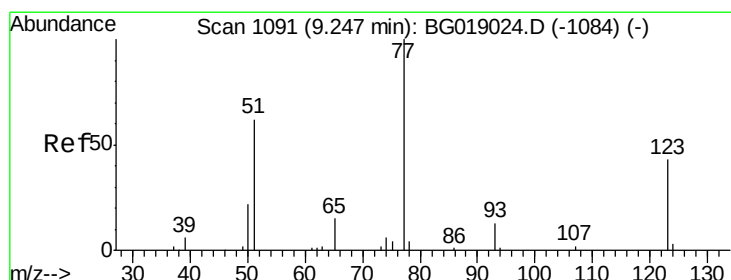
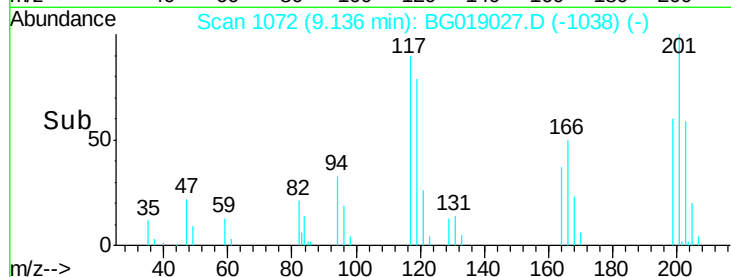
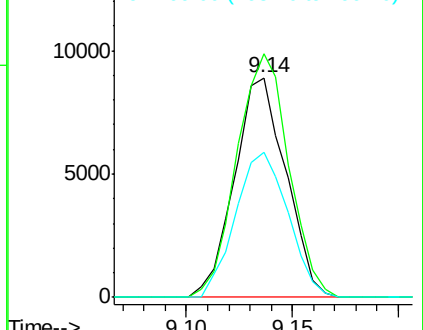
199 66.0 58.7 88.1



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#20

Nitrobenzene

Concen: 20.46 ng/ul

RT: 9.25 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BG019027.D

Acq: 5 Oct 2015 14:41

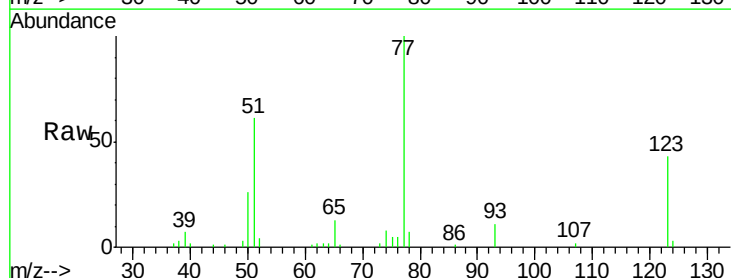
Tgt Ion: 77 Resp: 46942

Ion Ratio Lower Upper

77 100

123 43.1 32.6 48.8

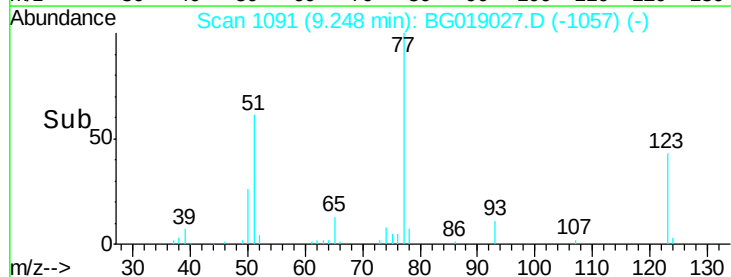
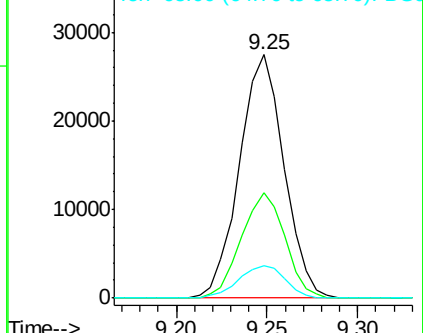
65 13.4 10.6 15.8

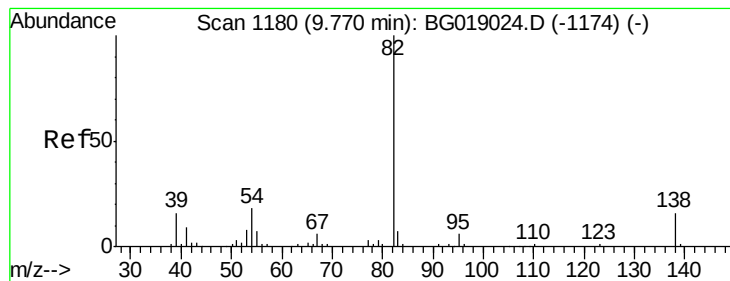


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BGC





#21

Isophorone

Concen: 20.34 ng/ul

RT: 9.77 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BG019027.D

Acq: 5 Oct 2015 14:41

Instrument :

BNA_G

ClientSampleId :

SSTD02034

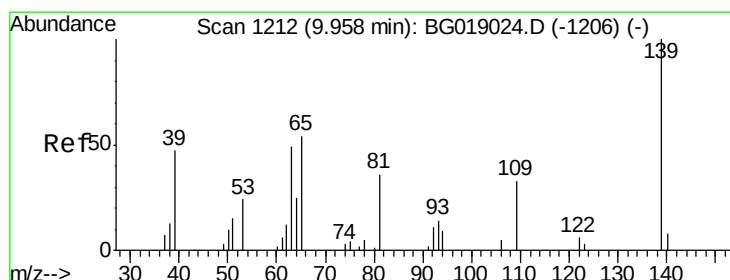
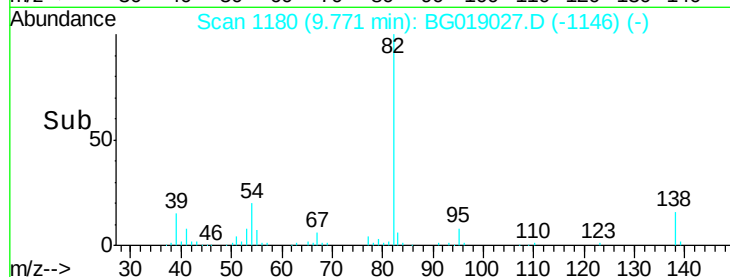
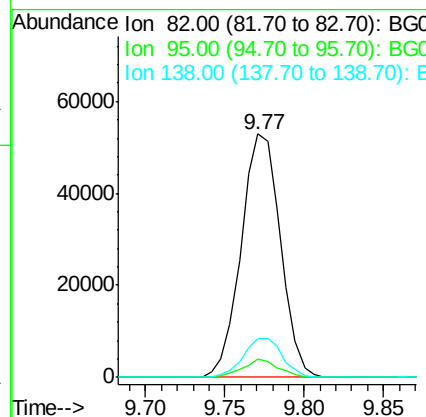
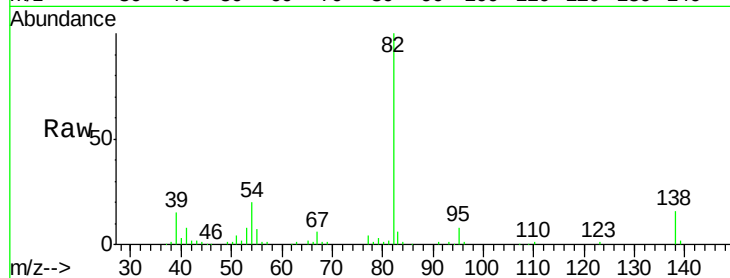
Tgt Ion: 82 Resp: 91031

Ion Ratio Lower Upper

82 100

95 7.7 5.1 7.7#

138 16.2 12.2 18.2



#23

2-Nitrophenol

Concen: 20.52 ng/ul

RT: 9.96 min Scan# 1212

Delta R.T. 0.00 min

Lab File: BG019027.D

Acq: 5 Oct 2015 14:41

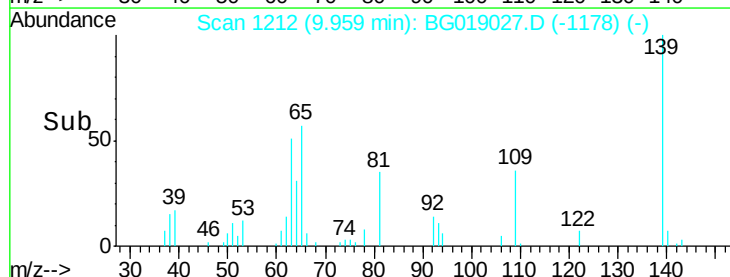
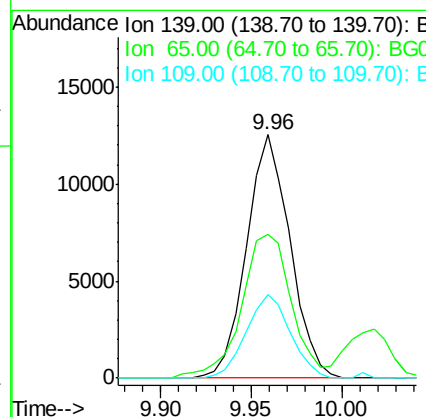
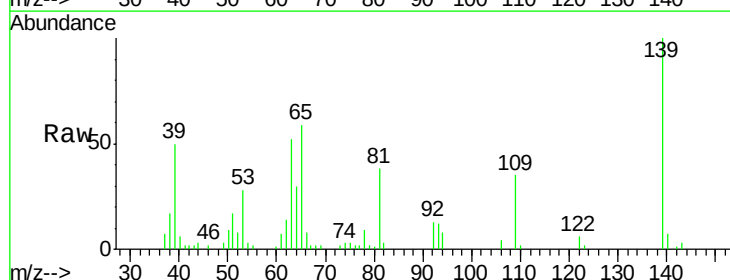
Tgt Ion: 139 Resp: 20896

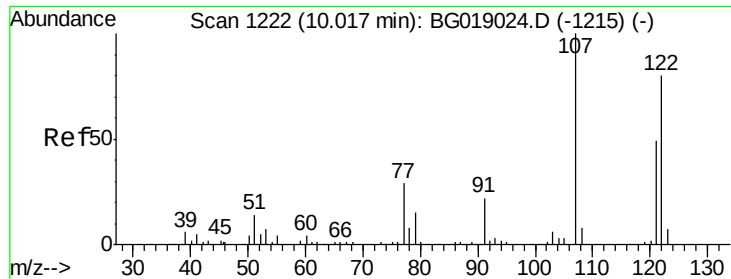
Ion Ratio Lower Upper

139 100

65 59.1 45.6 68.4

109 34.5 24.7 37.1

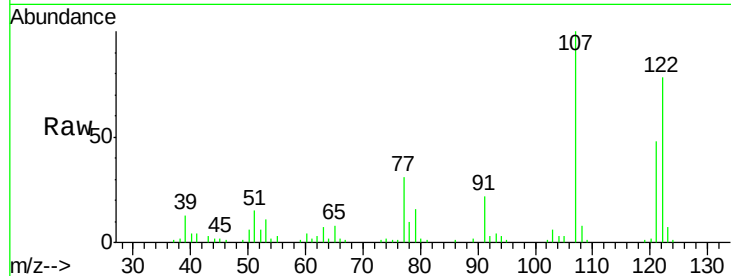




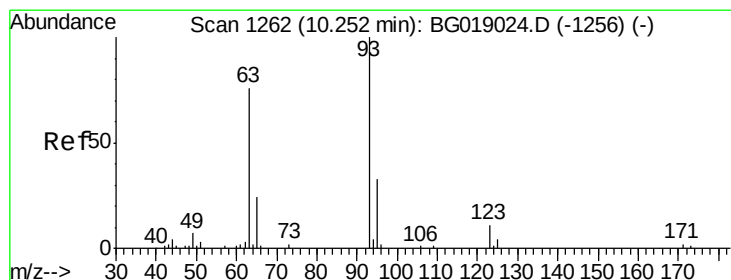
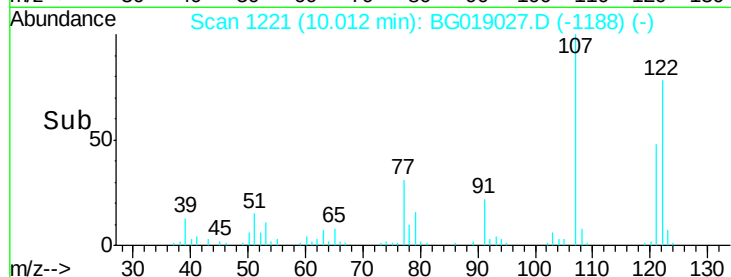
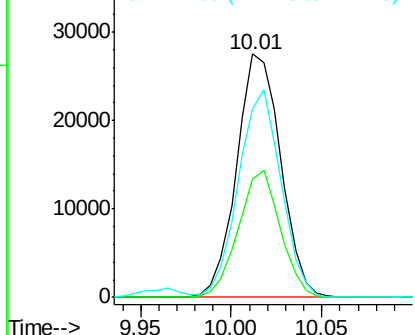
#24
 2,4-Dimethylphenol
 Concen: 20.19 ng/ul
 RT: 10.01 min Scan# 1221
 Delta R.T. -0.00 min
 Lab File: BG019027.D
 Acq: 5 Oct 2015 14:41

Instrument :
 BNA_G
 ClientSampleId :
 SST02034

Tgt Ion: 107 Resp: 46629
 Ion Ratio Lower Upper
 107 100
 121 48.3 37.2 55.8
 122 77.7 67.6 101.4

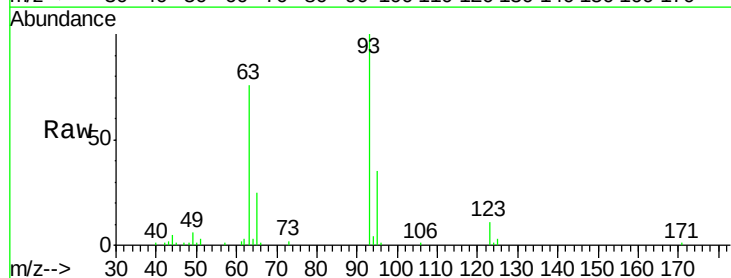


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E
 Ion 122.00 (121.70 to 122.70): E

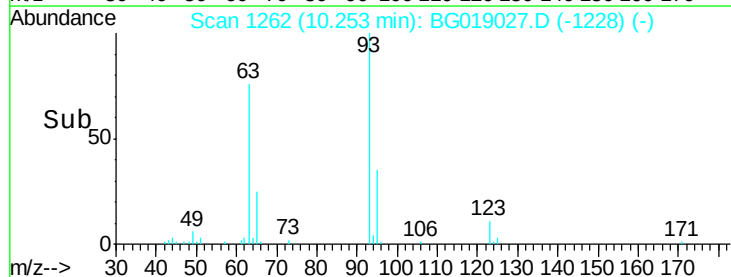
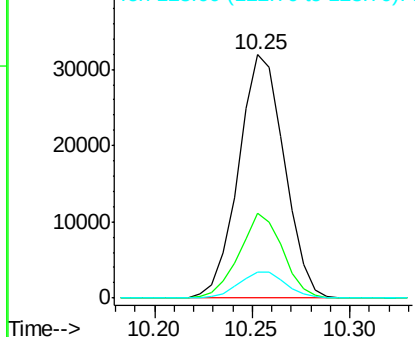


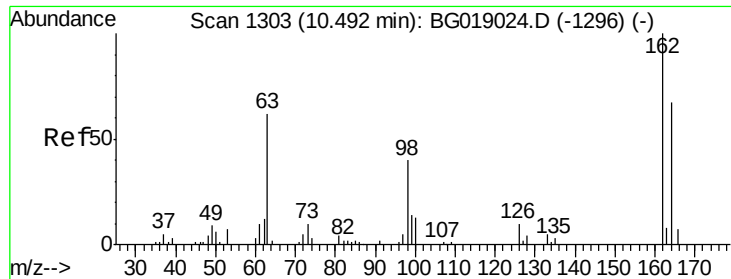
#25
 Bis(2-Chloroethoxy)methane
 Concen: 19.60 ng/ul
 RT: 10.25 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: BG019027.D
 Acq: 5 Oct 2015 14:41

Tgt Ion: 93 Resp: 51855
 Ion Ratio Lower Upper
 93 100
 95 34.7 25.4 38.0
 123 10.6 8.0 12.0



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

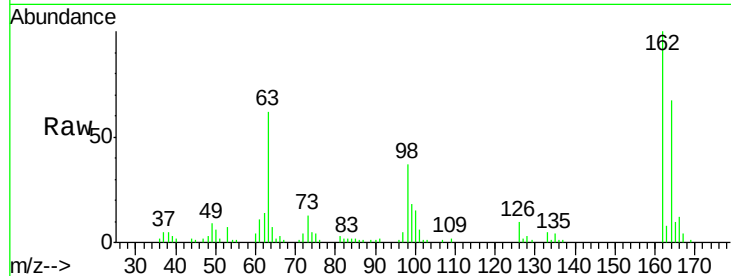




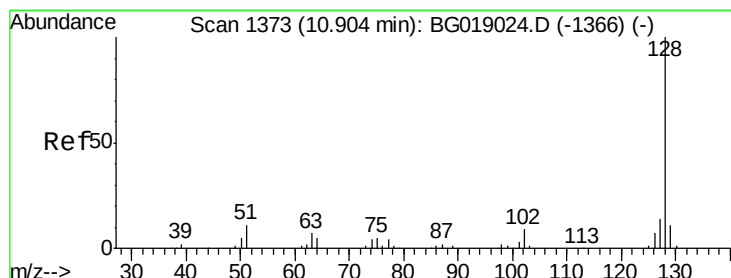
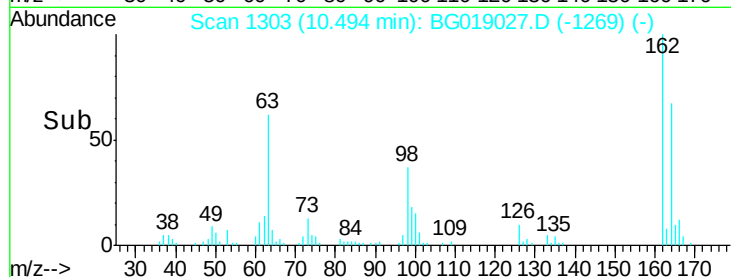
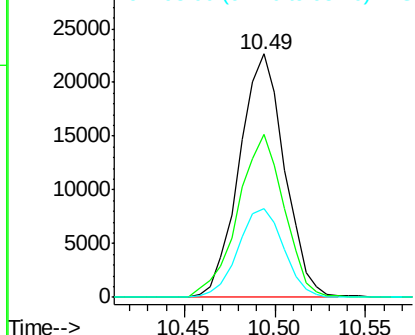
#27
 2,4-Dichlorophenol
 Concen: 20.24 ng/ul
 RT: 10.49 min Scan# 1303
 Delta R.T. 0.00 min
 Lab File: BG019027.D
 Acq: 5 Oct 2015 14:41

Instrument :
 BNA_G
 ClientSampleId :
 SST02034

Tgt Ion:162 Resp: 39274
 Ion Ratio Lower Upper
 162 100
 164 67.2 50.0 75.0
 98 36.7 29.0 43.6

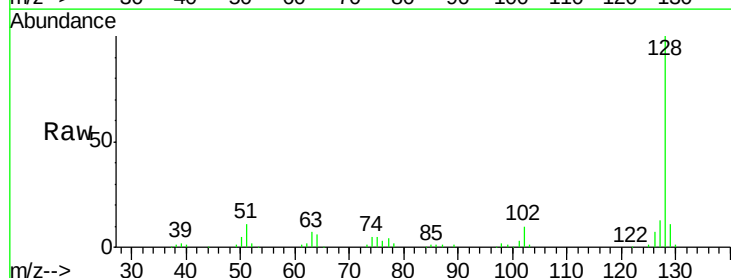


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

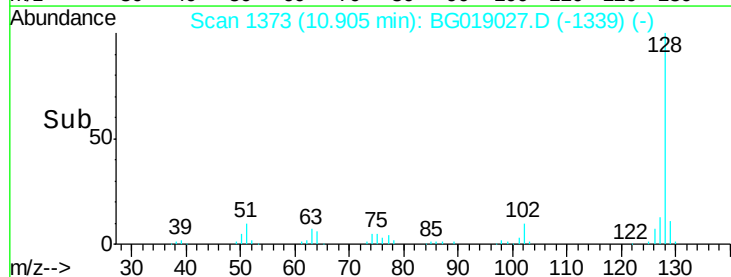
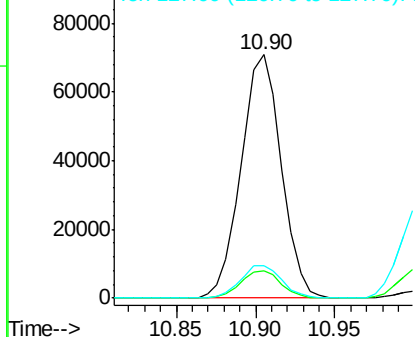


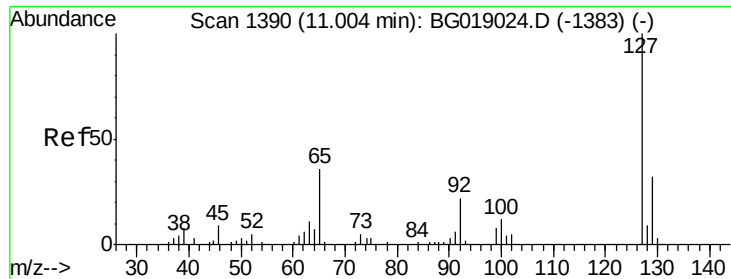
#28
 Naphthalene
 Concen: 19.74 ng/ul
 RT: 10.90 min Scan# 1373
 Delta R.T. 0.00 min
 Lab File: BG019027.D
 Acq: 5 Oct 2015 14:41

Tgt Ion:128 Resp: 124606
 Ion Ratio Lower Upper
 128 100
 129 11.4 9.6 14.4
 127 13.2 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E

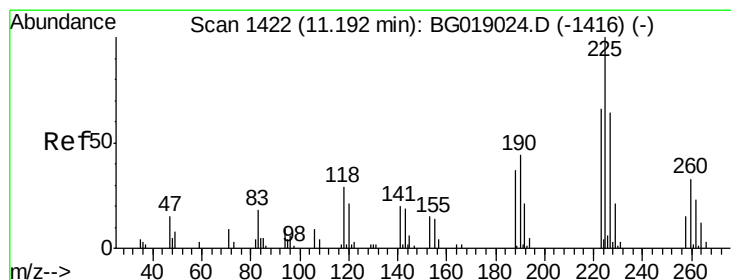
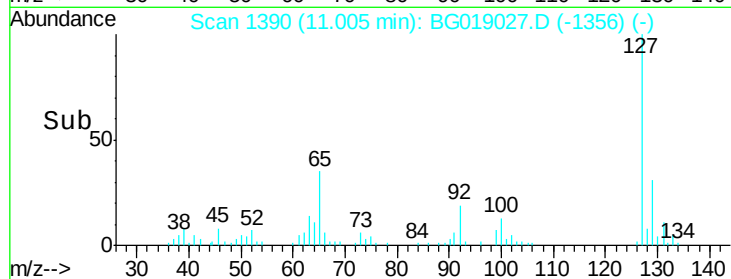
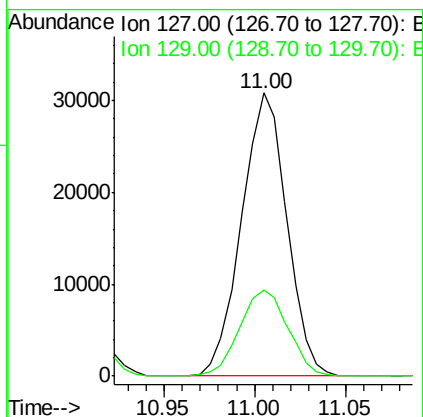
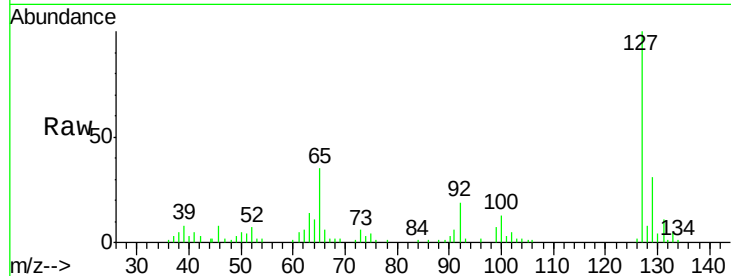




#30
4-Chloroaniline
Concen: 22.38 ng/ul
RT: 11.00 min Scan# 1390
Delta R.T. 0.00 min
Lab File: BG019027.D
Acq: 5 Oct 2015 14:41

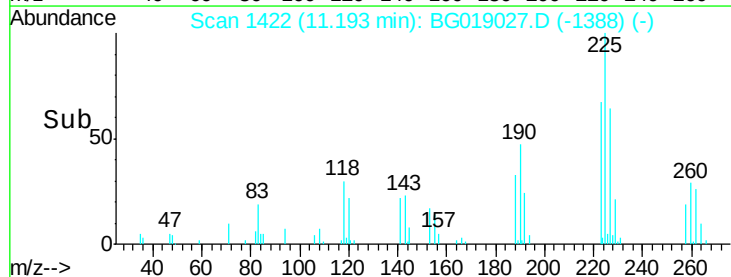
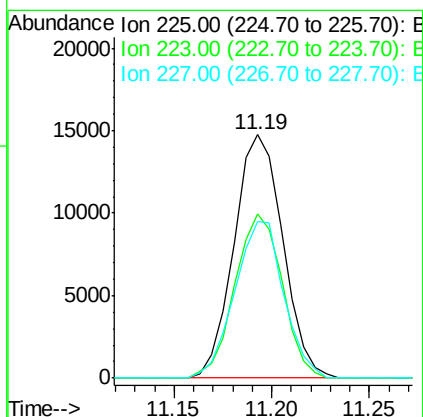
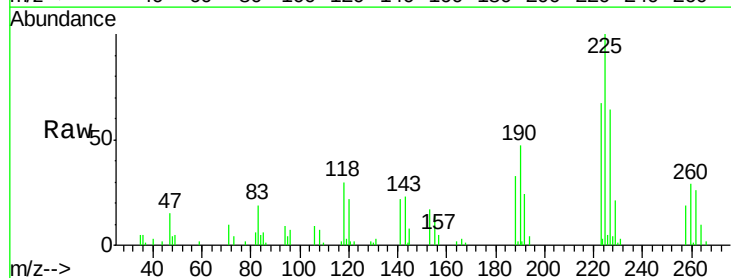
Instrument :
BNA_G
ClientSampleId :
SSTD02034

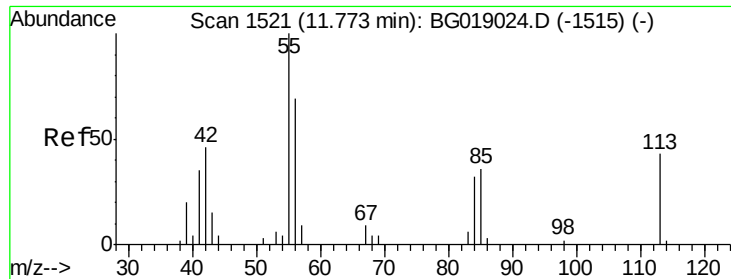
Tgt Ion:127 Resp: 53535
Ion Ratio Lower Upper
127 100
129 30.7 24.3 36.5



#31
Hexachlorobutadiene
Concen: 20.67 ng/ul
RT: 11.19 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BG019027.D
Acq: 5 Oct 2015 14:41

Tgt Ion:225 Resp: 25564
Ion Ratio Lower Upper
225 100
223 67.3 52.6 79.0
227 64.4 54.0 81.0





#32

Caprolactam

Concen: 18.02 ng/ul

RT: 11.77 min Scan# 1520

Delta R.T. -0.00 min

Lab File: BG019027.D

Acq: 5 Oct 2015 14:41

Instrument :

BNA_G

ClientSampleId :

SSTD02034

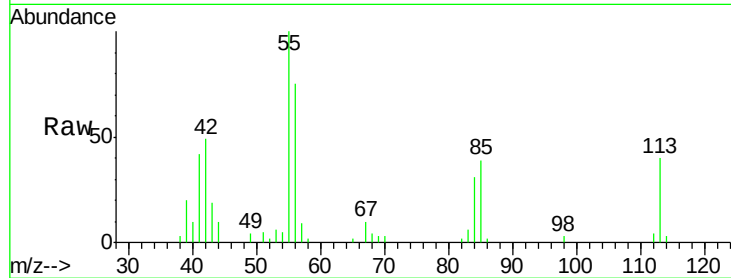
Tgt Ion:113 Resp: 11782

Ion Ratio Lower Upper

113 100

55 252.9 169.3 253.9

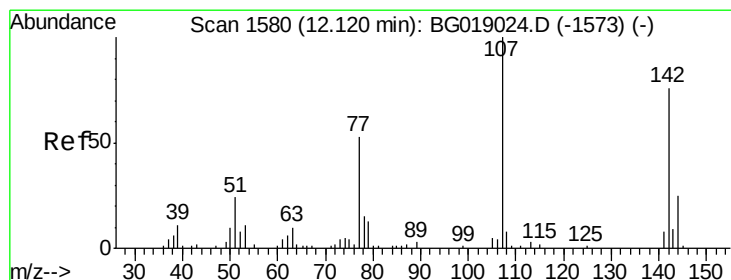
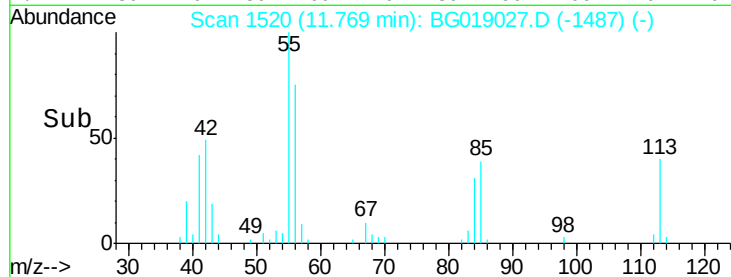
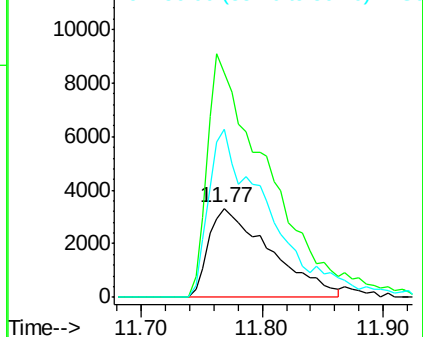
56 189.3 125.8 188.8#



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



#33

4-Chloro-3-methylphenol

Concen: 20.98 ng/ul

RT: 12.12 min Scan# 1579

Delta R.T. -0.00 min

Lab File: BG019027.D

Acq: 5 Oct 2015 14:41

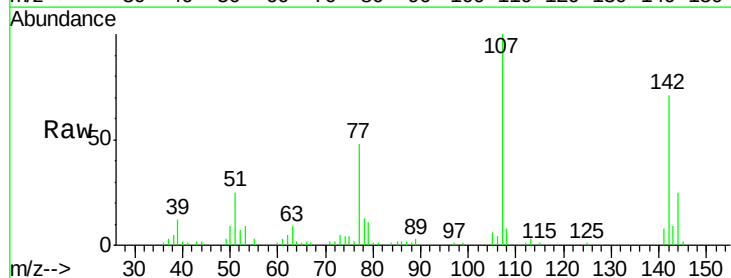
Tgt Ion:107 Resp: 44649

Ion Ratio Lower Upper

107 100

144 25.4 20.9 31.3

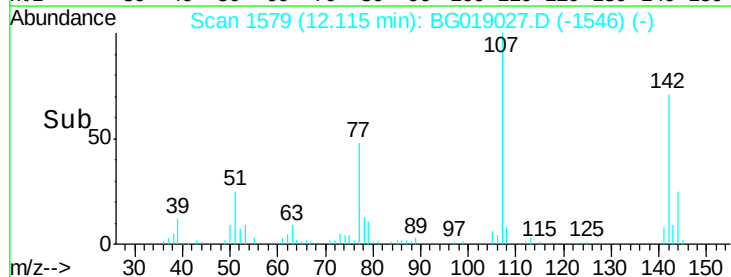
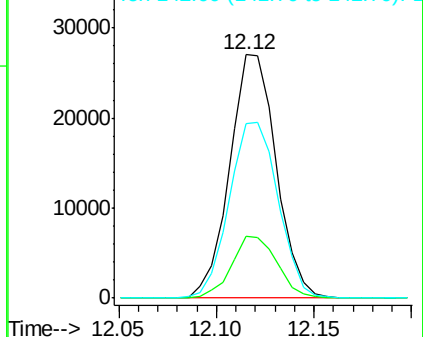
142 71.4 65.6 98.4

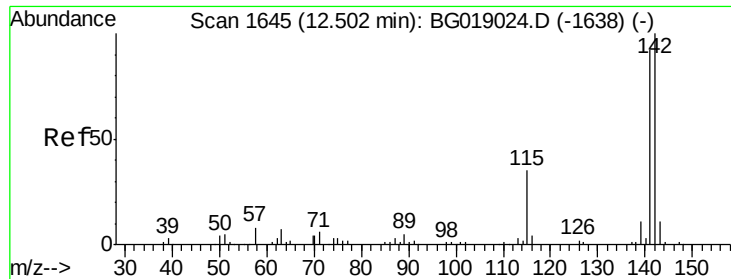


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

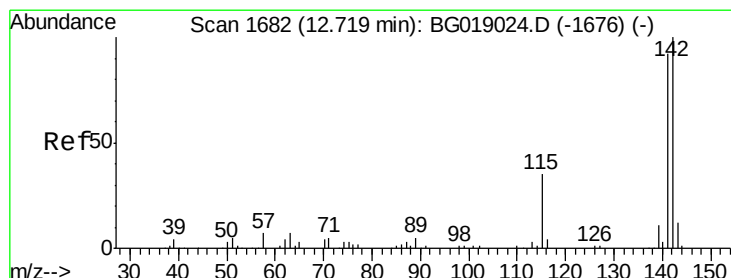
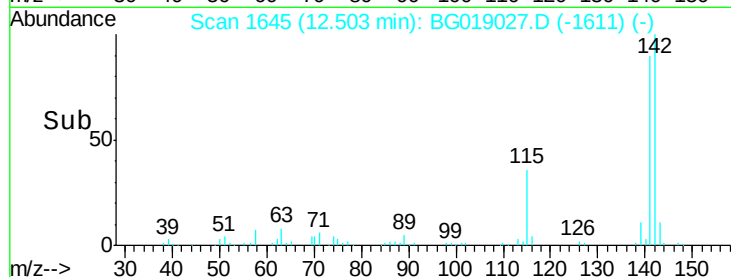
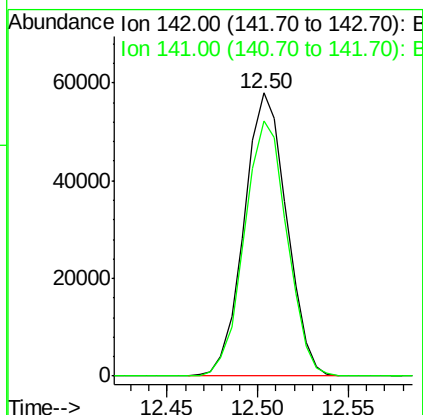
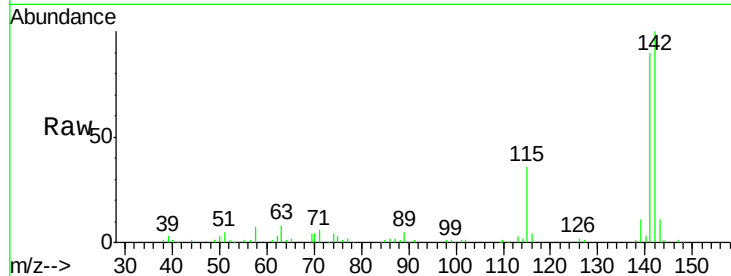




#34
2-Methylnaphthalene
Concen: 19.96 ng/ul
RT: 12.50 min Scan# 1645
Delta R.T. 0.00 min
Lab File: BG019027.D
Acq: 5 Oct 2015 14:41

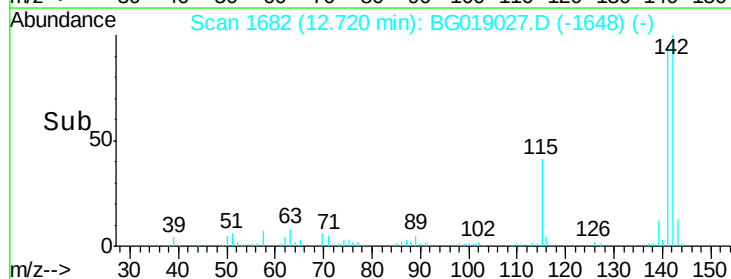
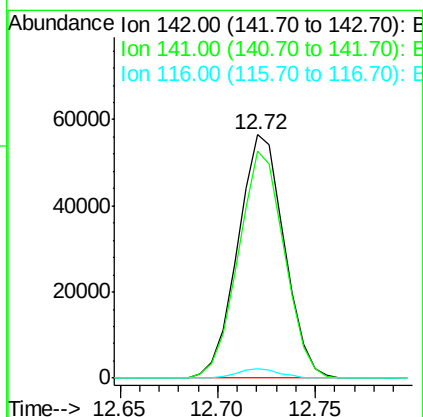
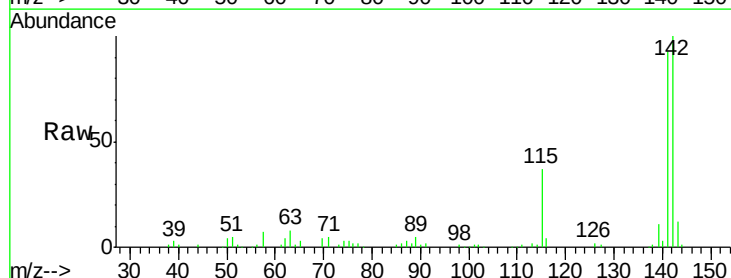
Instrument :
BNA_G
ClientSampleId :
SSTD02034

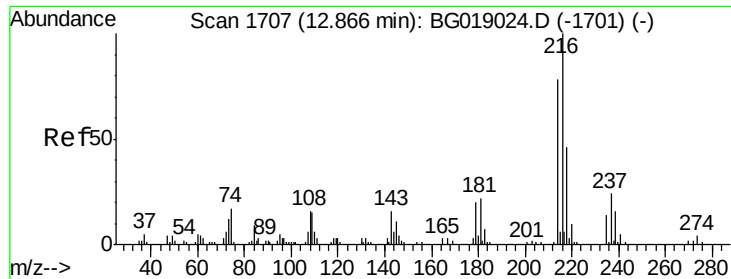
Tgt Ion:142 Resp: 94371
Ion Ratio Lower Upper
142 100
141 90.1 73.4 110.0



#35
1-Methylnaphthalene
Concen: 20.02 ng/ul
RT: 12.72 min Scan# 1682
Delta R.T. 0.00 min
Lab File: BG019027.D
Acq: 5 Oct 2015 14:41

Tgt Ion:142 Resp: 92865
Ion Ratio Lower Upper
142 100
141 93.3 74.8 112.2
116 4.0 3.2 4.8

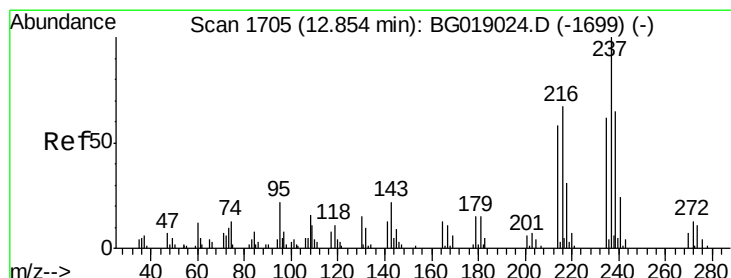
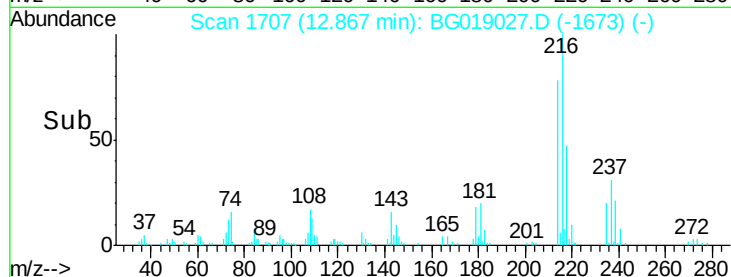
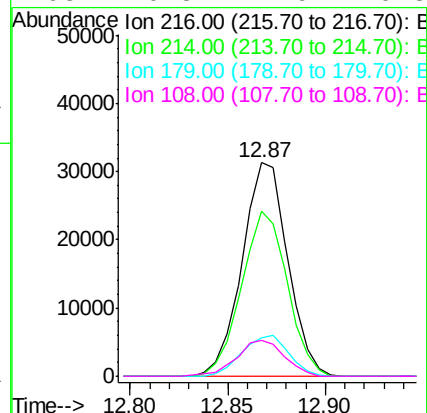
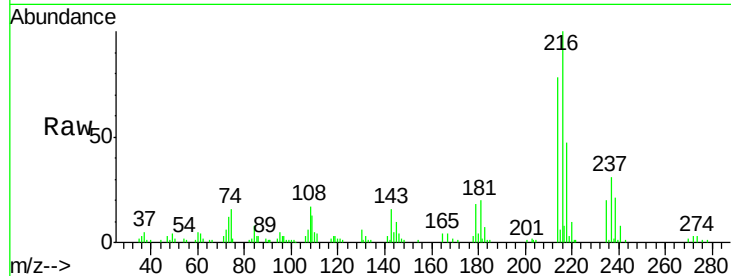




#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 20.40 ng/ul
 RT: 12.87 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: BG019027.D
 Acq: 5 Oct 2015 14:41

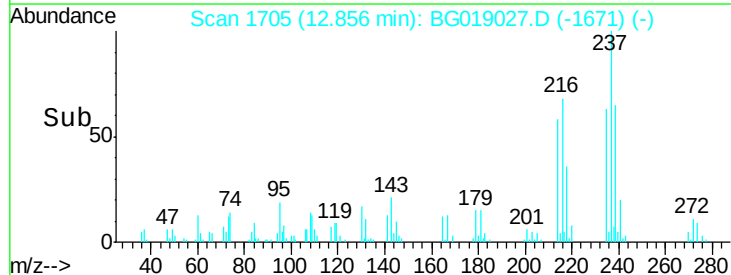
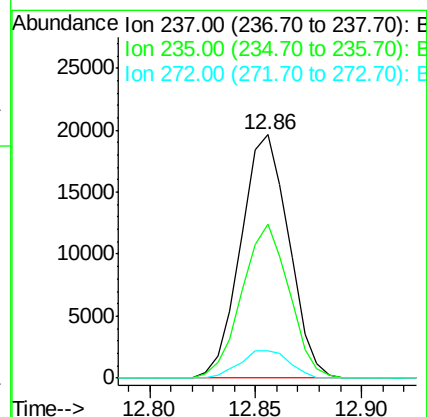
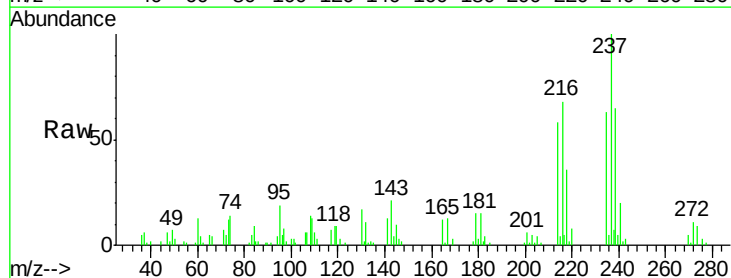
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02034

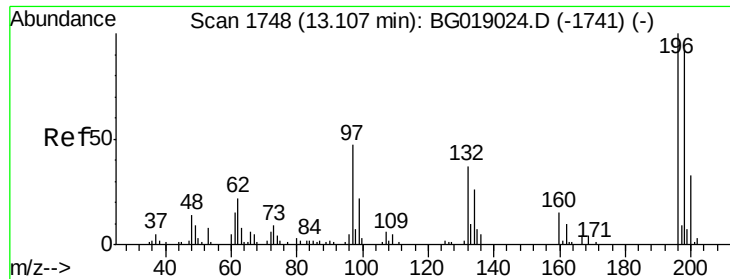
Tgt Ion:	216	Resp:	50683
Ion	Ratio	Lower	Upper
216	100		
214	77.5	62.6	94.0
179	18.3	14.6	22.0
108	16.8	12.9	19.3



#38
 Hexachlorocyclopentadiene
 Concen: 19.40 ng/ul
 RT: 12.86 min Scan# 1705
 Delta R.T. 0.00 min
 Lab File: BG019027.D
 Acq: 5 Oct 2015 14:41

Tgt Ion:	237	Resp:	30973
Ion	Ratio	Lower	Upper
237	100		
235	63.4	51.7	77.5
272	11.2	10.2	15.2

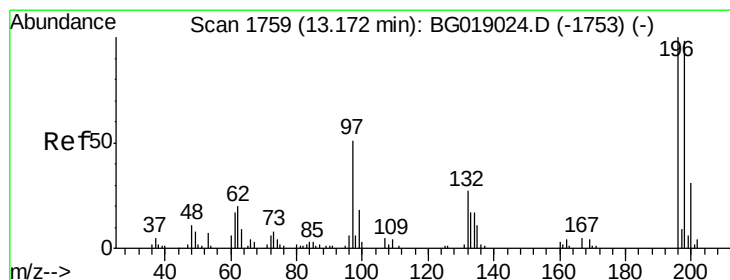
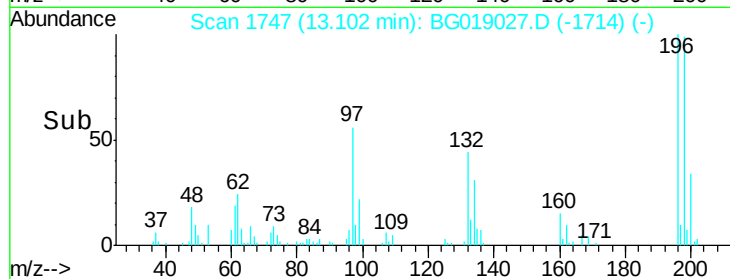
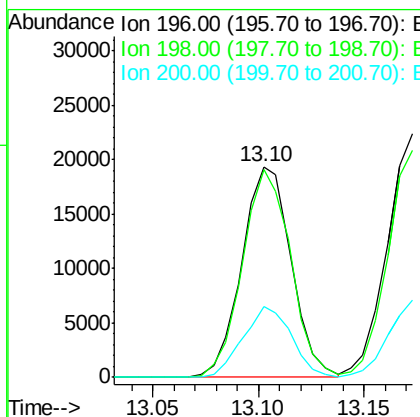
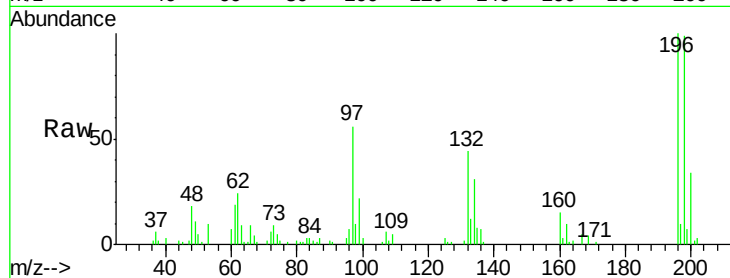




#39
 2,4,6-Trichlorophenol
 Concen: 19.37 ng/ul
 RT: 13.10 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: BG019027.D
 Acq: 5 Oct 2015 14:41

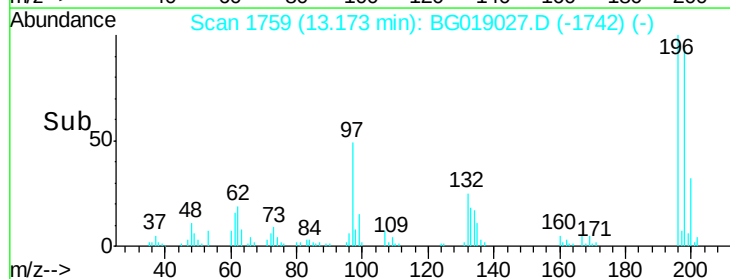
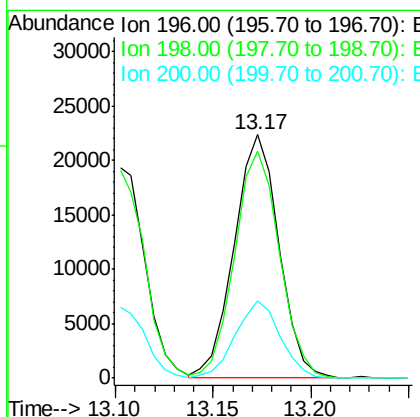
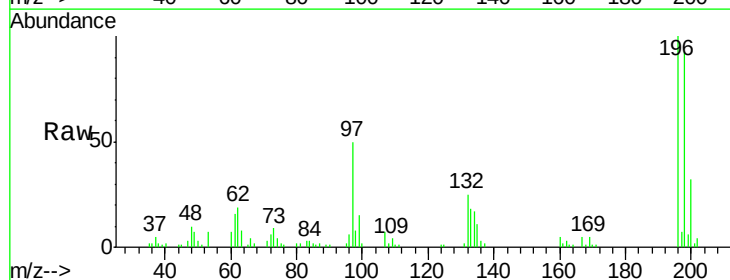
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02034

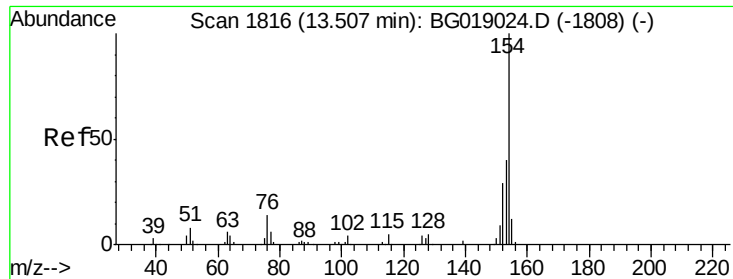
Tgt Ion:196 Resp: 31270
 Ion Ratio Lower Upper
 196 100
 198 98.6 79.0 118.6
 200 33.6 25.8 38.6



#40
 2,4,5-Trichlorophenol
 Concen: 20.47 ng/ul
 RT: 13.17 min Scan# 1759
 Delta R.T. 0.00 min
 Lab File: BG019027.D
 Acq: 5 Oct 2015 14:41

Tgt Ion:196 Resp: 35477
 Ion Ratio Lower Upper
 196 100
 198 93.5 73.9 110.9
 200 31.8 27.1 40.7

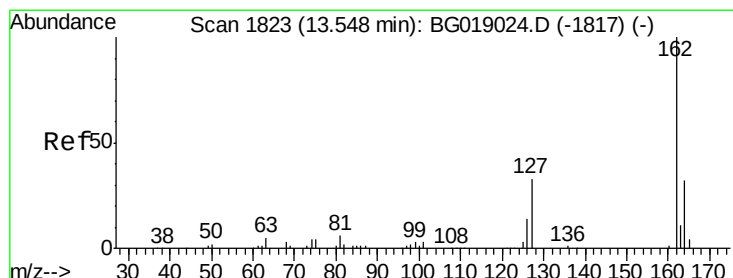
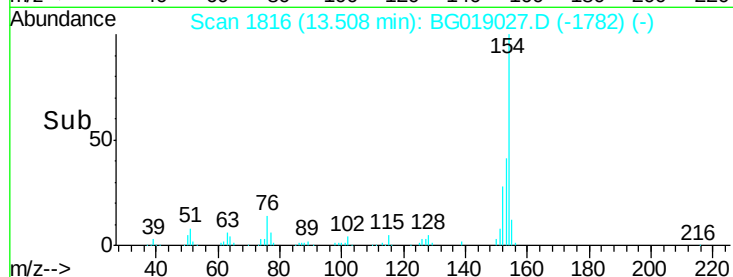
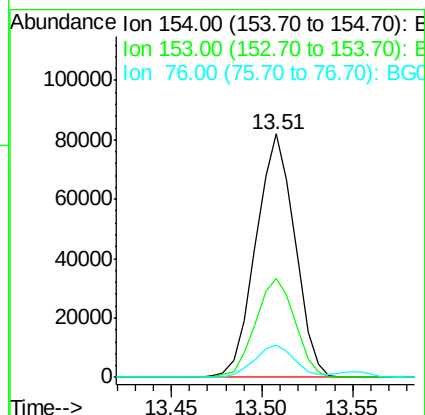
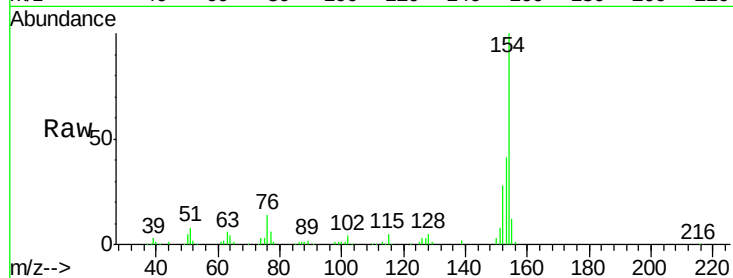




#41
 1,1'-Biphenyl
 Concen: 19.59 ng/ul
 RT: 13.51 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: BG019027.D
 Acq: 5 Oct 2015 14:41

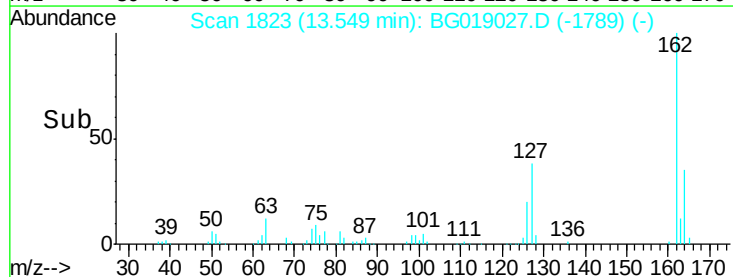
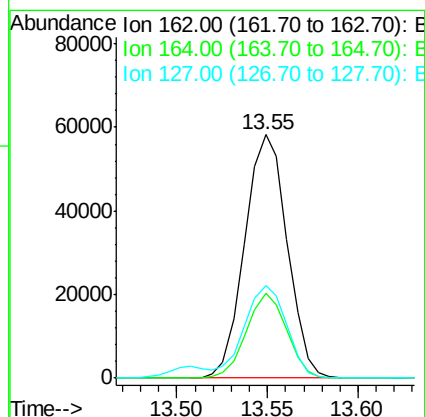
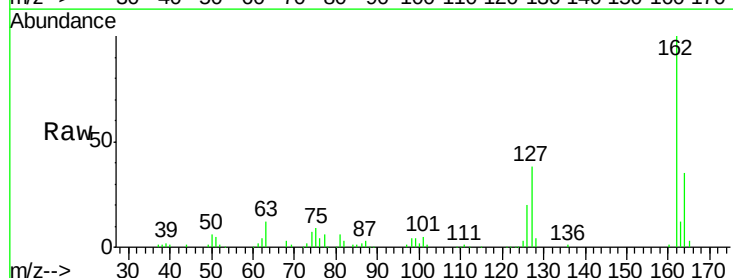
Instrument :
 BNA_G
 ClientSampled :
 SSTD02034

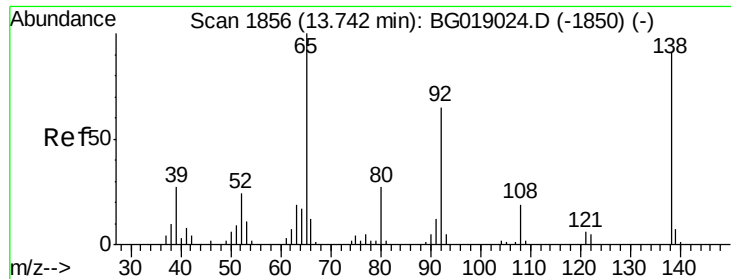
Tgt Ion:	154	Resp:	122179
Ion	Ratio	Lower	Upper
154	100		
153	40.6	31.4	47.0
76	13.6	10.8	16.2



#42
 2-Chloronaphthalene
 Concen: 19.57 ng/ul
 RT: 13.55 min Scan# 1823
 Delta R.T. 0.00 min
 Lab File: BG019027.D
 Acq: 5 Oct 2015 14:41

Tgt Ion:	162	Resp:	94778
Ion	Ratio	Lower	Upper
162	100		
164	34.9	25.8	38.8
127	38.2	29.0	43.4

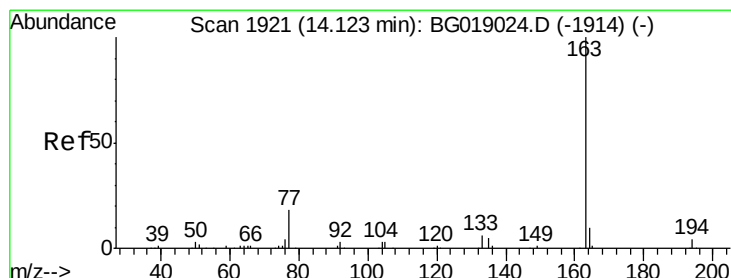
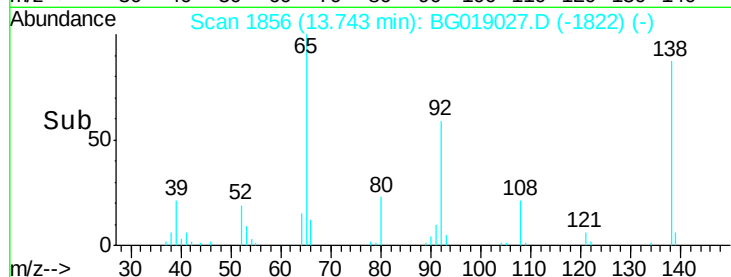
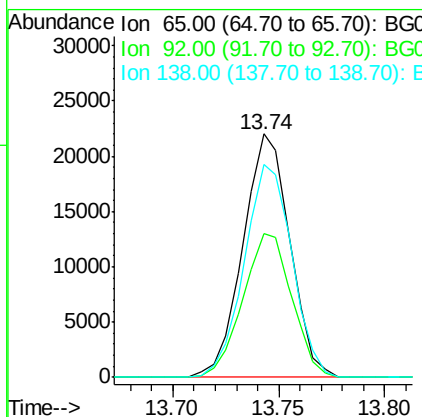
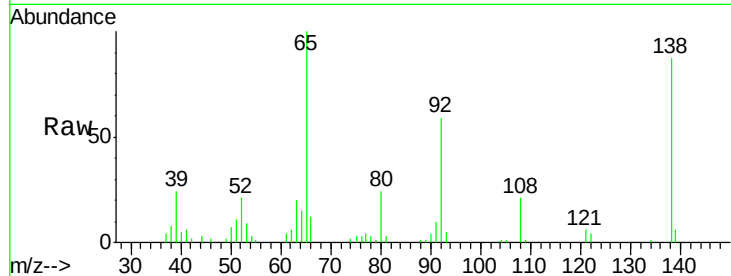




#43
2-Nitroaniline
Concen: 21.57 ng/ul
RT: 13.74 min Scan# 1856
Delta R.T. 0.00 min
Lab File: BG019027.D
Acq: 5 Oct 2015 14:41

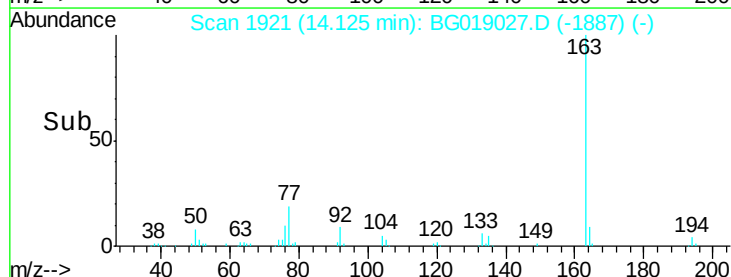
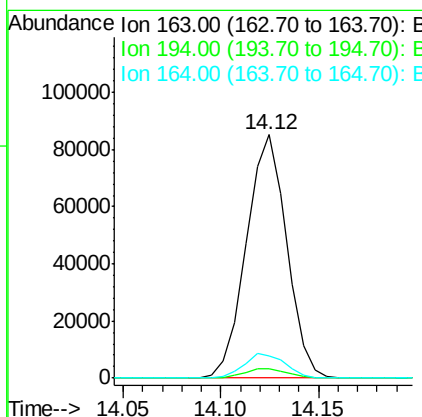
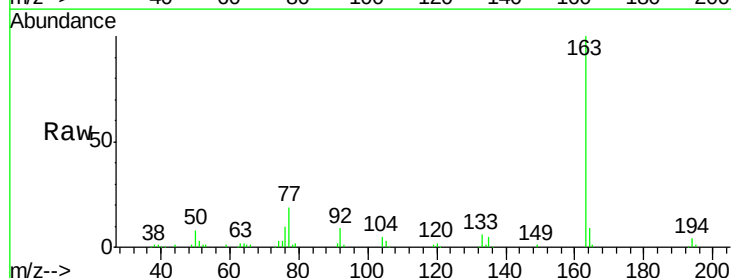
Instrument :
BNA_G
ClientSampleId :
SSTD02034

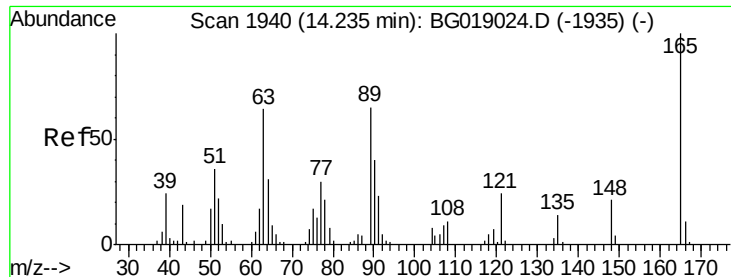
Tgt Ion: 65 Resp: 33930
Ion Ratio Lower Upper
65 100
92 58.8 50.7 76.1
138 87.4 74.9 112.3



#45
Dimethylphthalate
Concen: 19.76 ng/ul
RT: 14.12 min Scan# 1921
Delta R.T. 0.00 min
Lab File: BG019027.D
Acq: 5 Oct 2015 14:41

Tgt Ion: 163 Resp: 121715
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 9.2 8.1 12.1

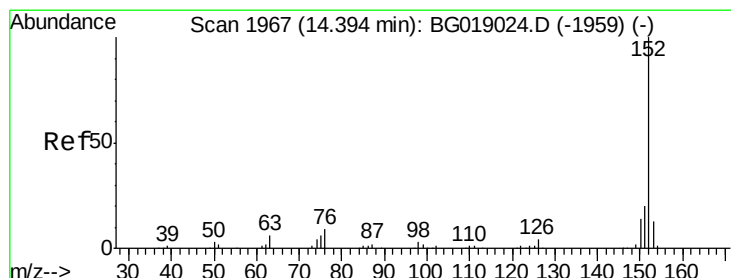
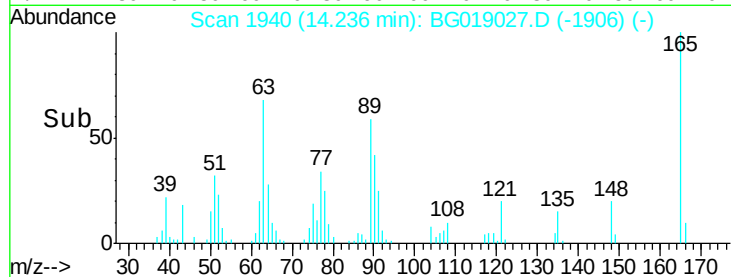
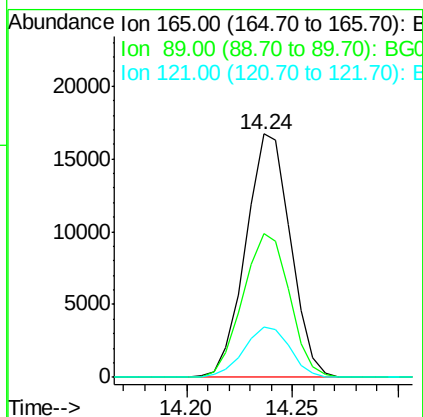
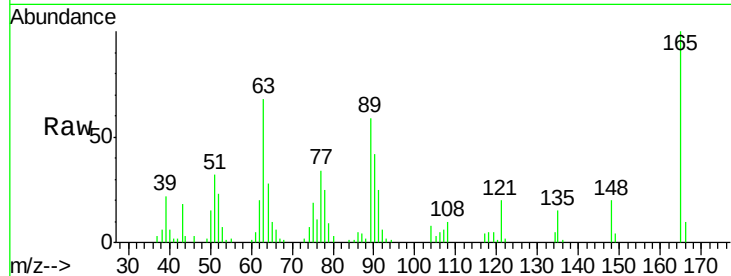




#46
 2,6-Dinitrotoluene
 Concen: 20.79 ng/ul
 RT: 14.24 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: BG019027.D
 Acq: 5 Oct 2015 14:41

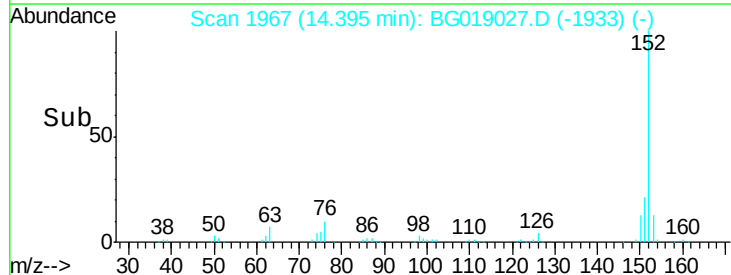
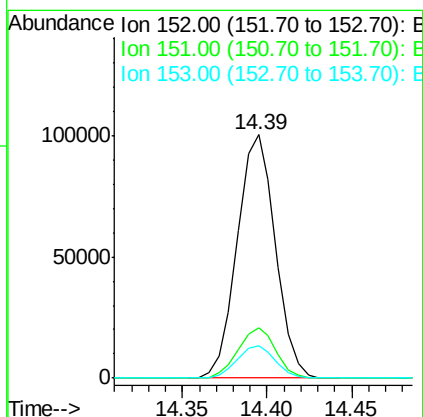
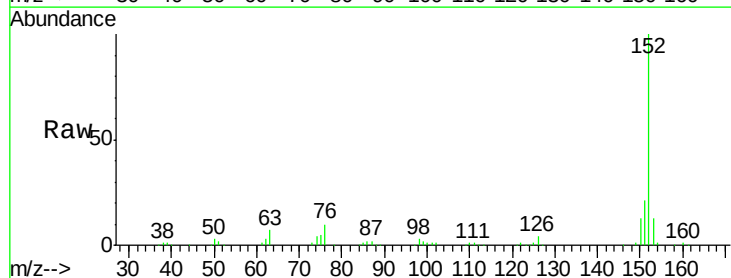
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02034

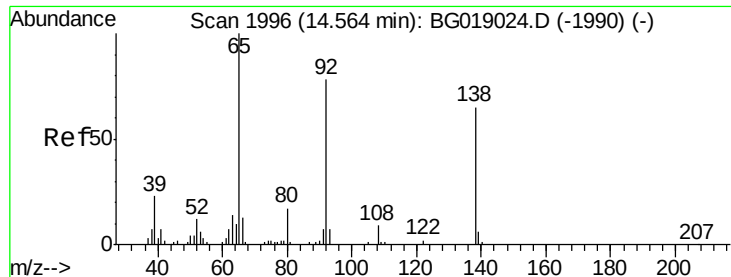
Tgt Ion:165 Resp: 24620
 Ion Ratio Lower Upper
 165 100
 89 58.8 45.5 68.3
 121 20.4 16.8 25.2



#48
 Acenaphthylene
 Concen: 19.68 ng/ul
 RT: 14.39 min Scan# 1967
 Delta R.T. 0.00 min
 Lab File: BG019027.D
 Acq: 5 Oct 2015 14:41

Tgt Ion:152 Resp: 157190
 Ion Ratio Lower Upper
 152 100
 151 20.7 16.6 25.0
 153 13.2 10.5 15.7





#49

3-Nitroaniline

Concen: 21.57 ng/ul

RT: 14.57 min Scan# 1996

Delta R.T. 0.00 min

Lab File: BG019027.D

Acq: 5 Oct 2015 14:41

Instrument :

BNA_G

ClientSampleId :

SSTD02034

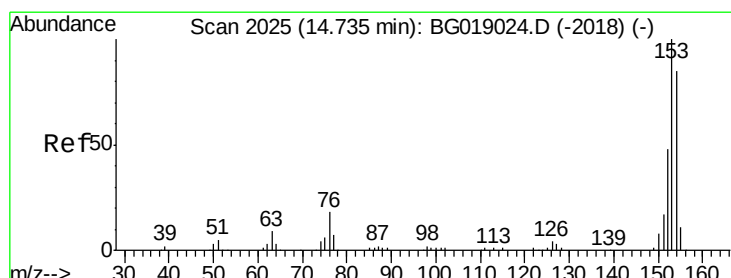
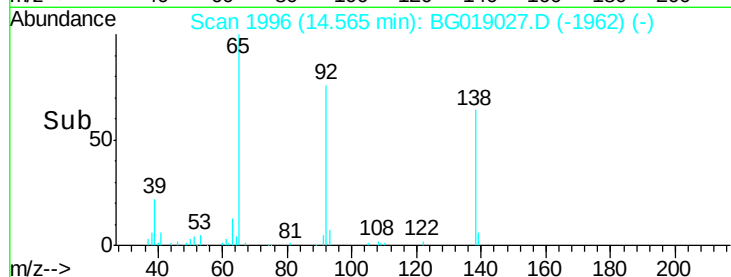
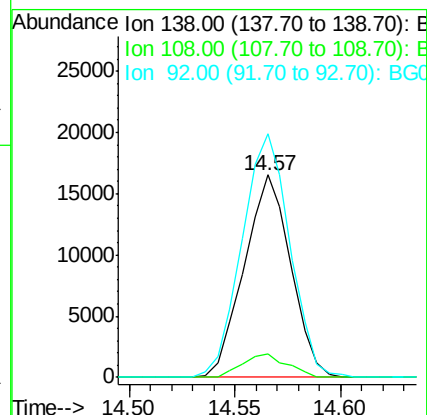
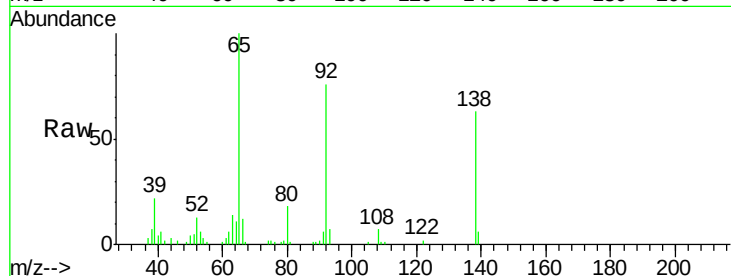
Tgt Ion:138 Resp: 25242

Ion Ratio Lower Upper

138 100

108 11.7 8.9 13.3

92 120.4 92.4 138.6



#50

Acenaphthene

Concen: 19.59 ng/ul

RT: 14.74 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BG019027.D

Acq: 5 Oct 2015 14:41

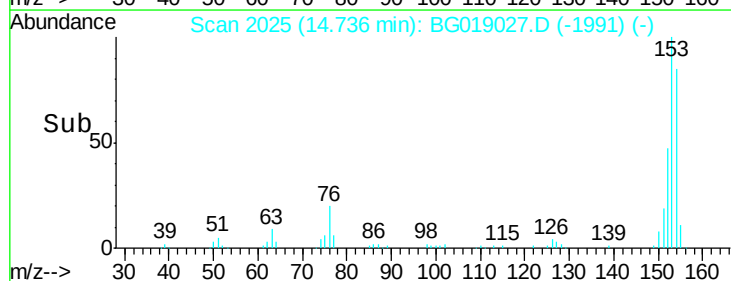
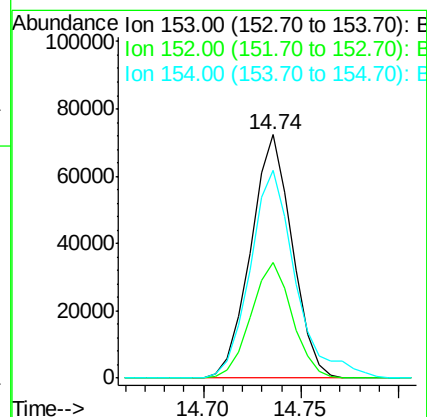
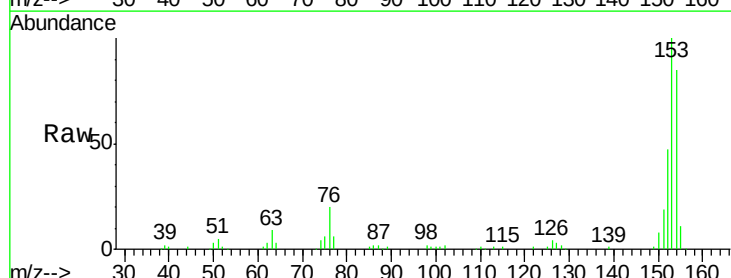
Tgt Ion:153 Resp: 106185

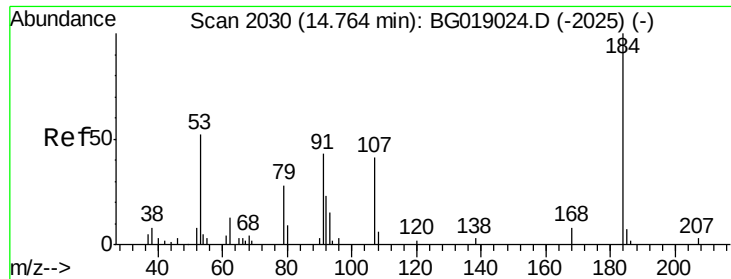
Ion Ratio Lower Upper

153 100

152 47.4 36.2 54.2

154 85.2 67.5 101.3

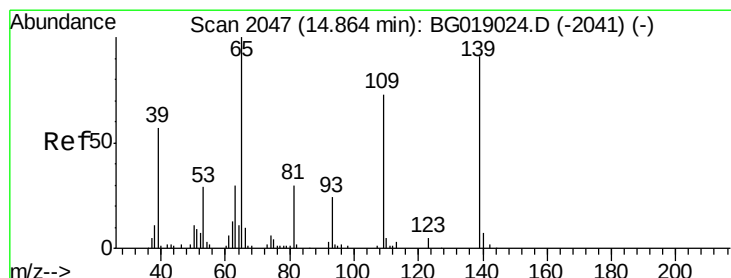
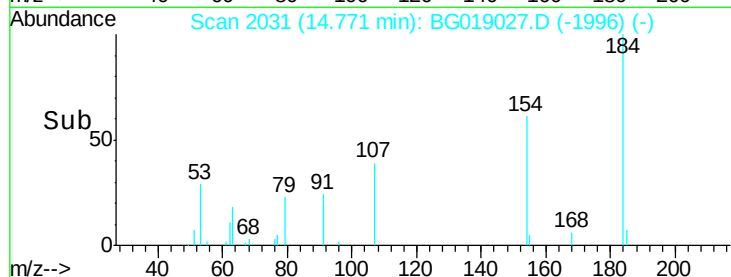
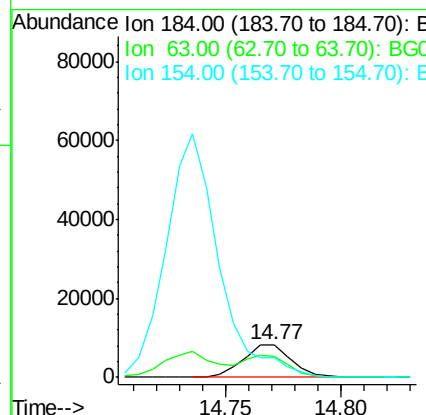
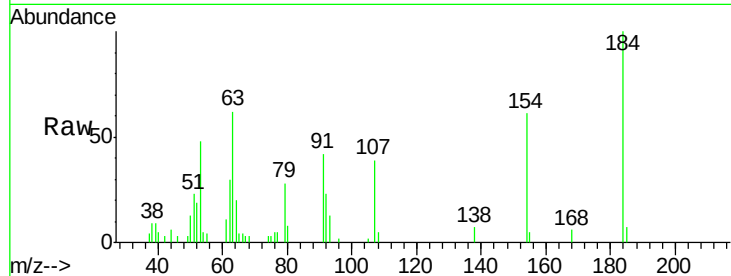




#51
2,4-Dinitrophenol
Concen: 17.47 ng/ul
RT: 14.77 min Scan# 2031
Delta R.T. 0.01 min
Lab File: BG019027.D
Acq: 5 Oct 2015 14:41

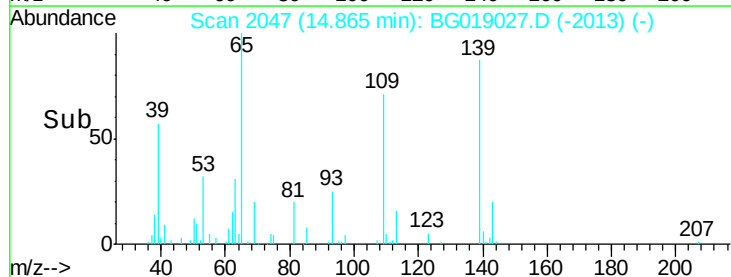
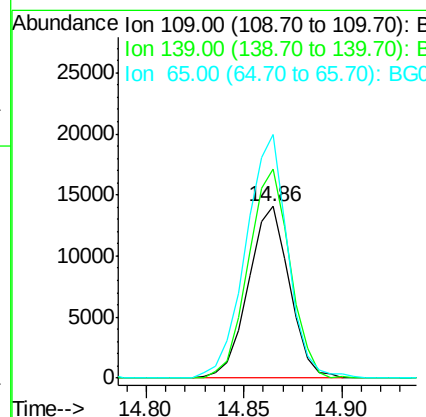
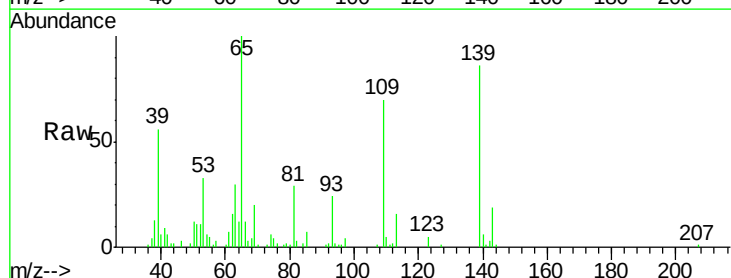
Instrument :
BNA_G
ClientSampleId :
SSTD02034

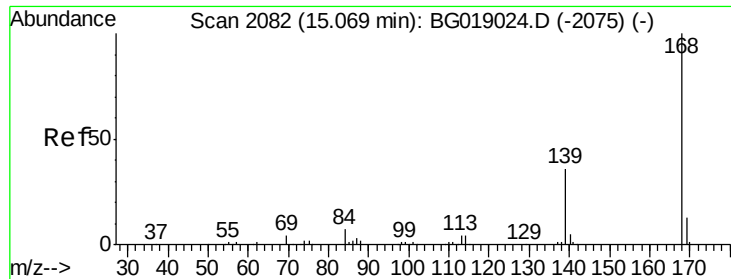
Tgt Ion:184 Resp: 11981
Ion Ratio Lower Upper
184 100
63 62.4 51.0 76.4
154 61.4 56.5 84.7



#53
4-Nitrophenol
Concen: 22.01 ng/ul
RT: 14.86 min Scan# 2047
Delta R.T. 0.00 min
Lab File: BG019027.D
Acq: 5 Oct 2015 14:41

Tgt Ion:109 Resp: 20514
Ion Ratio Lower Upper
109 100
139 122.3 97.9 146.9
65 142.0 117.4 176.0





#54

Dibenzenofuran

Concen: 19.64 ng/ul

RT: 15.07 min Scan# 2082

Delta R.T. 0.00 min

Lab File: BG019027.D

Acq: 5 Oct 2015 14:41

Instrument :

BNA_G

ClientSampleId :

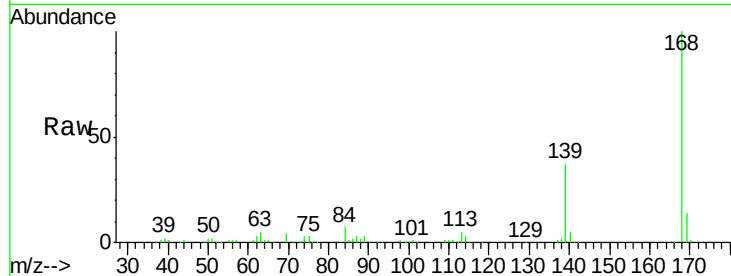
SSTD02034

Tgt Ion:168 Resp: 144824

Ion Ratio Lower Upper

168 100

139 37.3 28.5 42.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

15.07

100000

80000

60000

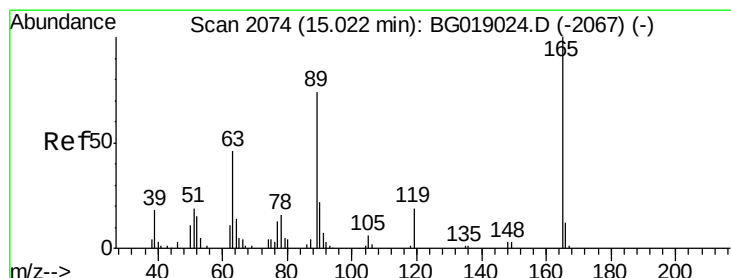
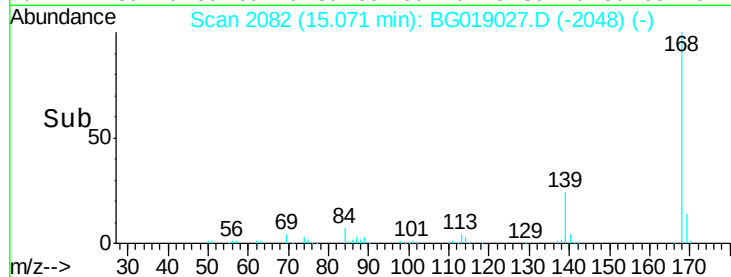
40000

20000

0

Time-->

15.00 15.05 15.10



#55

2,4-Dinitrotoluene

Concen: 21.82 ng/ul

RT: 15.02 min Scan# 2074

Delta R.T. 0.00 min

Lab File: BG019027.D

Acq: 5 Oct 2015 14:41

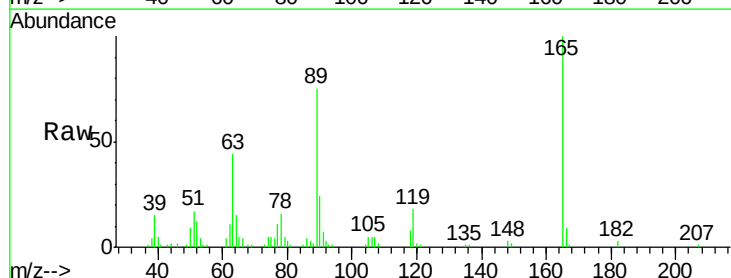
Tgt Ion:165 Resp: 37792

Ion Ratio Lower Upper

165 100

63 43.7 39.5 59.3

182 2.9 2.2 3.2



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG019027.D (-2040) (-)

Ion 182.00 (181.70 to 182.70): E

15.02

30000

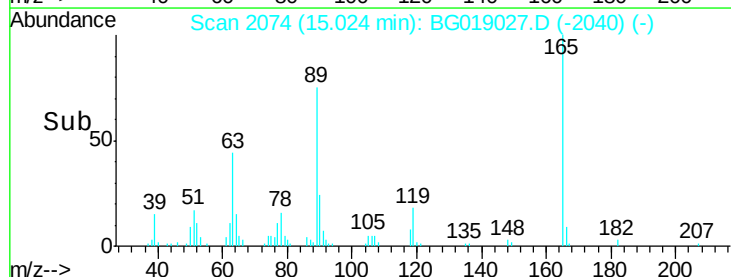
20000

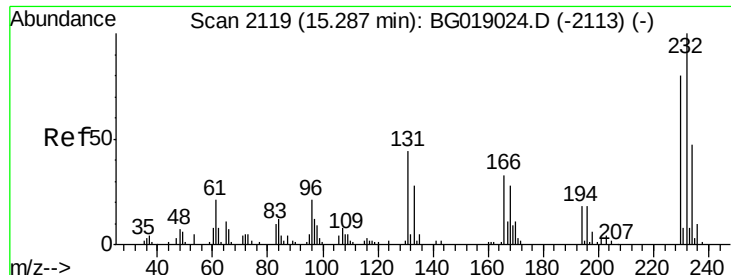
10000

0

Time-->

15.00 15.05





#56

2,3,4,6-Tetrachlorophenol

Concen: 19.86 ng/ul

RT: 15.29 min Scan# 2119

Delta R.T. 0.00 min

Lab File: BG019027.D

Acq: 5 Oct 2015 14:41

Instrument :

BNA_G

ClientSampleId :

SSTD02034

Tgt Ion:232 Resp: 31767

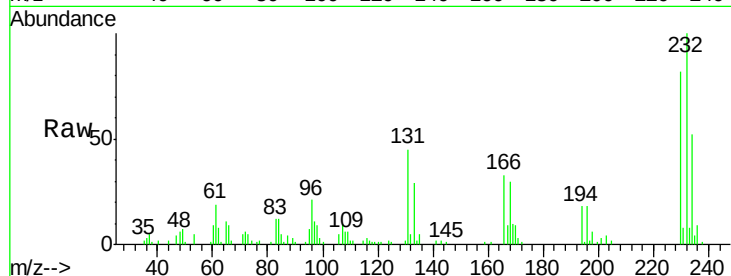
Ion Ratio Lower Upper

232 100

131 44.9 32.6 49.0

130 2.5 2.2 3.4

166 32.8 23.1 34.7

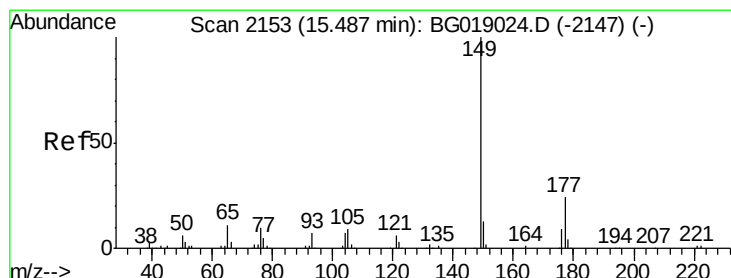
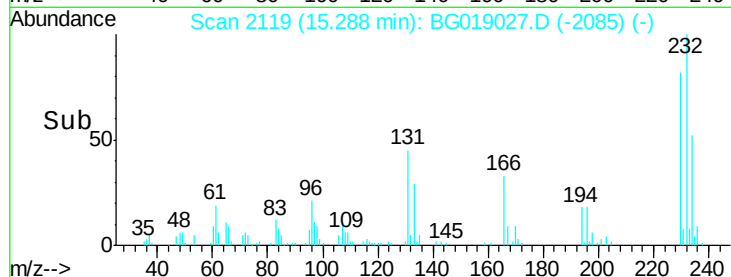
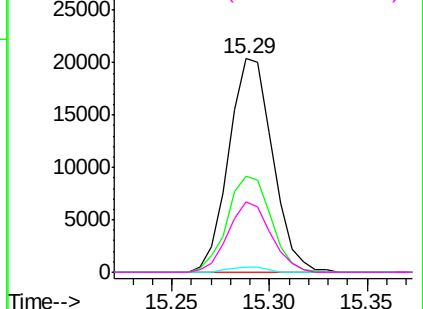


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#57

Diethylphthalate

Concen: 19.88 ng/ul

RT: 15.49 min Scan# 2153

Delta R.T. 0.00 min

Lab File: BG019027.D

Acq: 5 Oct 2015 14:41

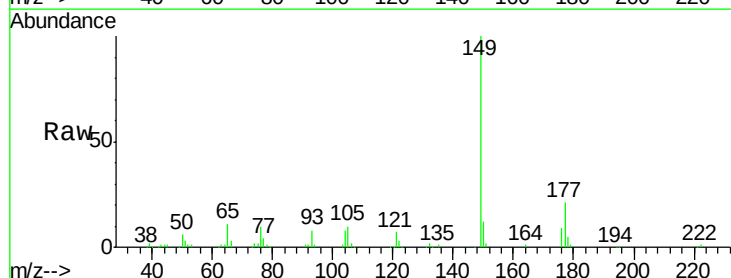
Tgt Ion:149 Resp: 122839

Ion Ratio Lower Upper

149 100

177 21.5 17.4 26.0

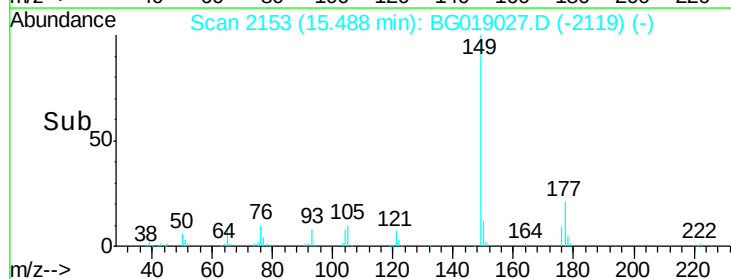
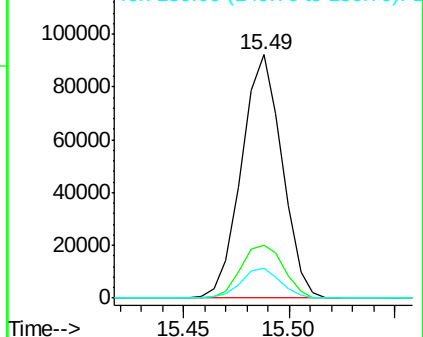
150 12.3 10.0 15.0

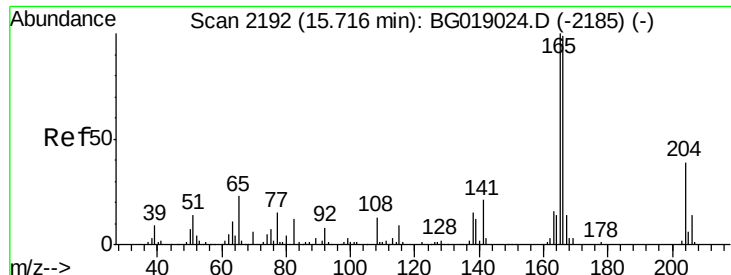


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

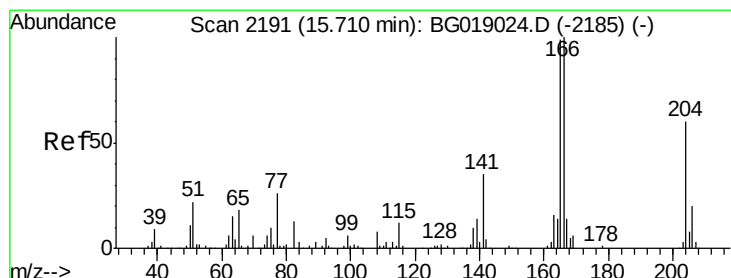
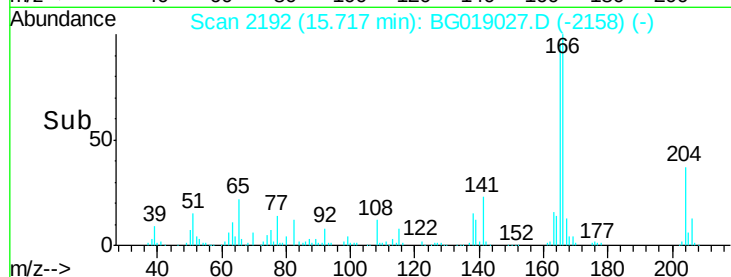
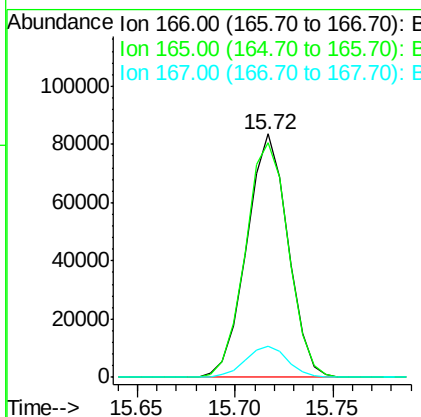
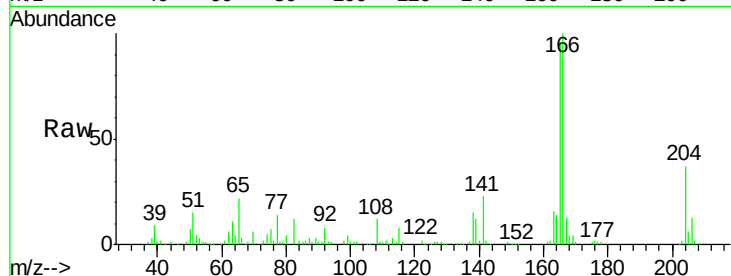




#59
Fluorene
 Concen: 19.70 ng/ul
 RT: 15.72 min Scan# 2192
 Delta R.T. 0.00 min
 Lab File: BG019027.D
 Acq: 5 Oct 2015 14:41

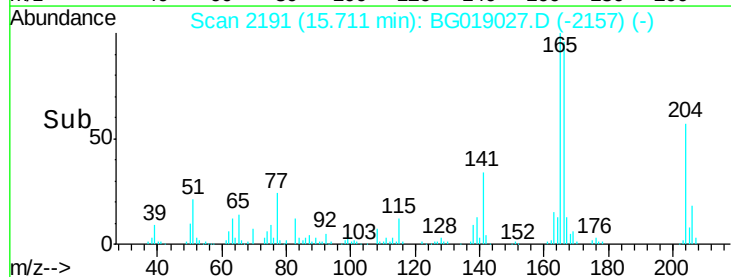
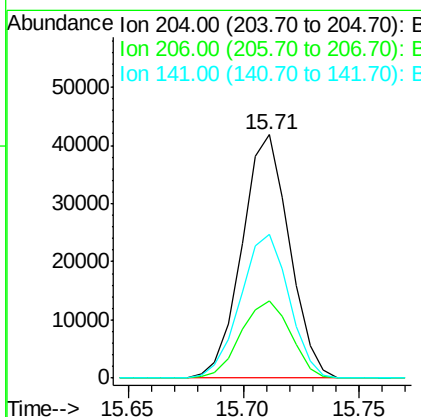
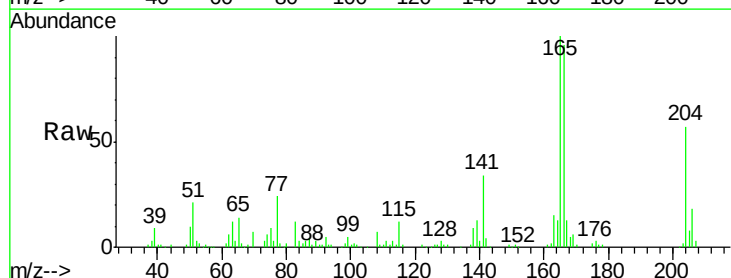
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02034

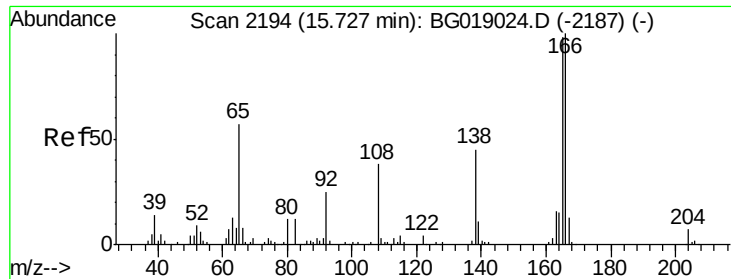
Tgt Ion:166 Resp: 122437
 Ion Ratio Lower Upper
 166 100
 165 96.4 77.7 116.5
 167 12.6 10.4 15.6



#60
4-Chlorophenyl-phenylether
 Concen: 19.49 ng/ul
 RT: 15.71 min Scan# 2191
 Delta R.T. 0.00 min
 Lab File: BG019027.D
 Acq: 5 Oct 2015 14:41

Tgt Ion:204 Resp: 59825
 Ion Ratio Lower Upper
 204 100
 206 31.6 26.4 39.6
 141 59.3 44.4 66.6

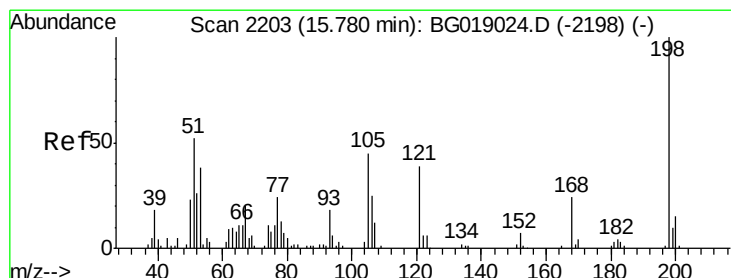
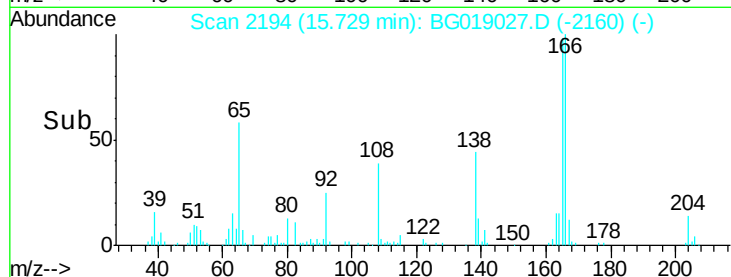
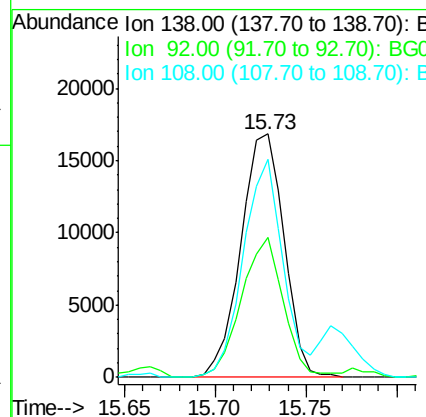
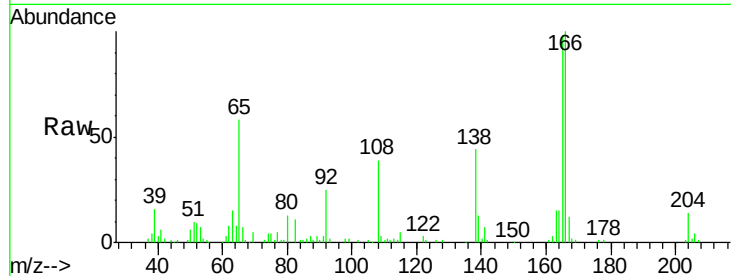




#61
4-Nitroaniline
Concen: 21.16 ng/ul
RT: 15.73 min Scan# 2194
Delta R.T. 0.00 min
Lab File: BG019027.D
Acq: 5 Oct 2015 14:41

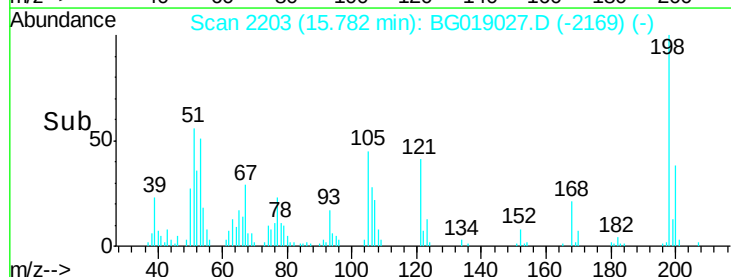
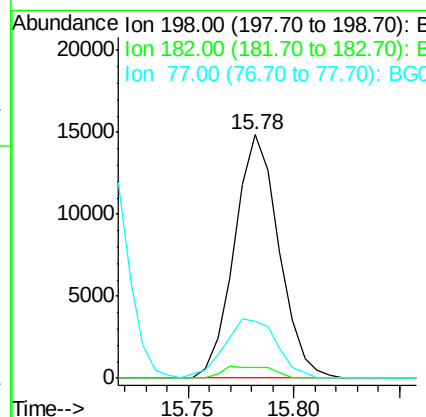
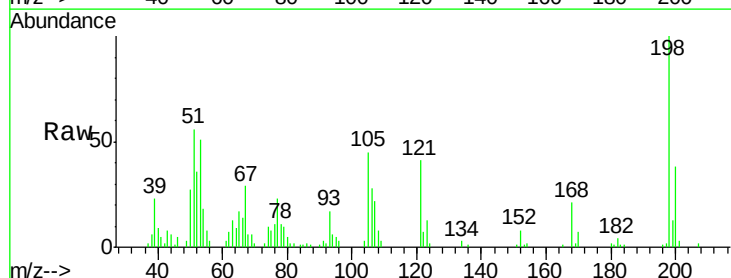
Instrument :
BNA_G
ClientSampleId :
SSTD02034

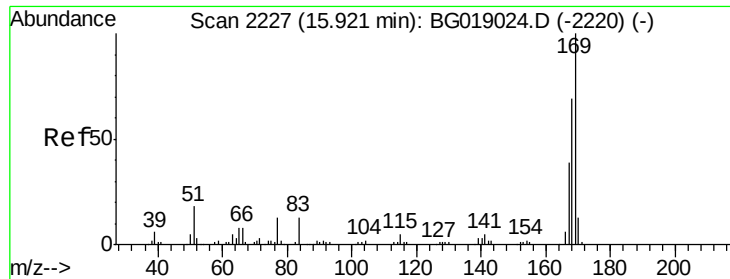
Tgt Ion:138 Resp: 27967
Ion Ratio Lower Upper
138 100
92 57.5 47.4 71.2
108 89.8 62.8 94.2



#64
4,6-Dinitro-2-methylphenol
Concen: 20.11 ng/ul
RT: 15.78 min Scan# 2203
Delta R.T. 0.00 min
Lab File: BG019027.D
Acq: 5 Oct 2015 14:41

Tgt Ion:198 Resp: 21666
Ion Ratio Lower Upper
198 100
182 4.3 4.3 6.5#
77 23.1 20.2 30.2





#65

N-Nitrosodiphenylamine

Concen: 19.55 ng/ul

RT: 15.92 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BG019027.D

Acq: 5 Oct 2015 14:41

Instrument :

BNA_G

ClientSampleId :

SSTD02034

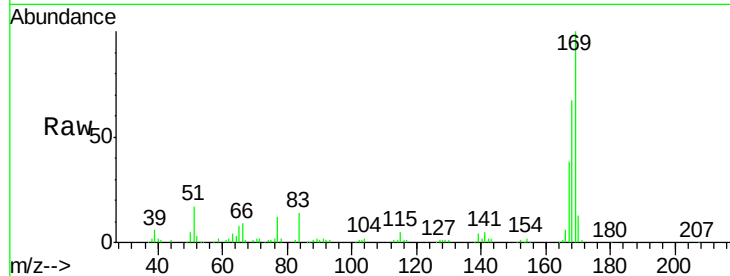
Tgt Ion:169 Resp: 106909

Ion Ratio Lower Upper

169 100

168 67.5 58.2 87.4

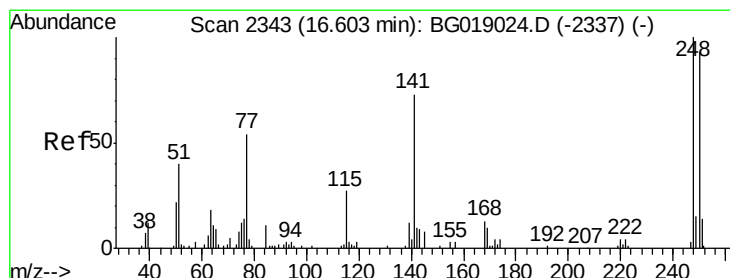
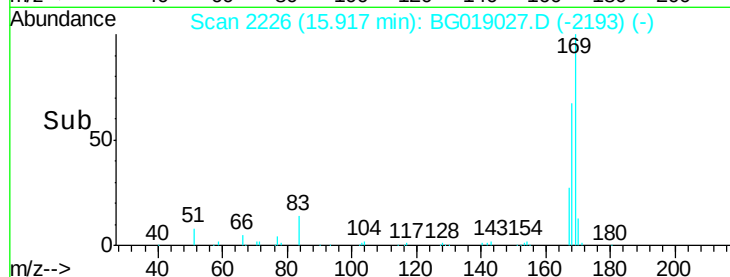
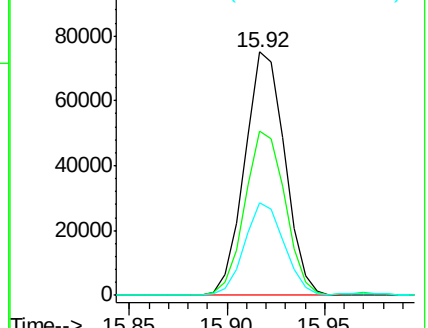
167 38.0 30.9 46.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 19.97 ng/ul

RT: 16.60 min Scan# 2343

Delta R.T. 0.00 min

Lab File: BG019027.D

Acq: 5 Oct 2015 14:41

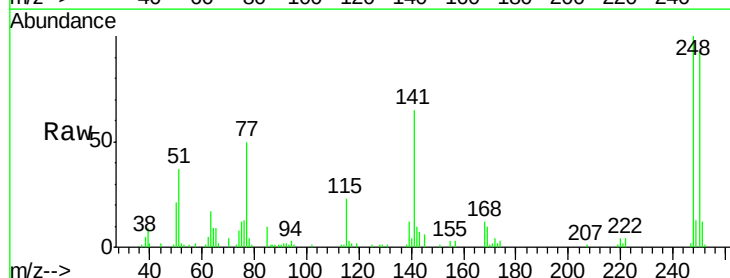
Tgt Ion:248 Resp: 40976

Ion Ratio Lower Upper

248 100

250 92.7 79.1 118.7

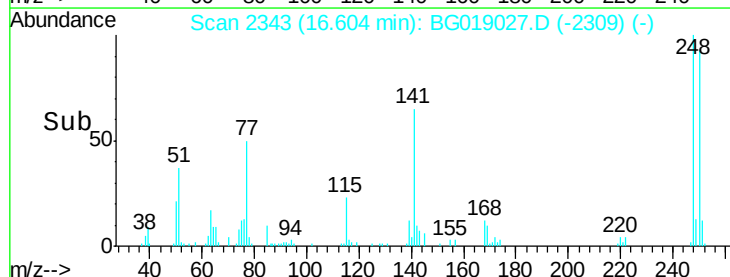
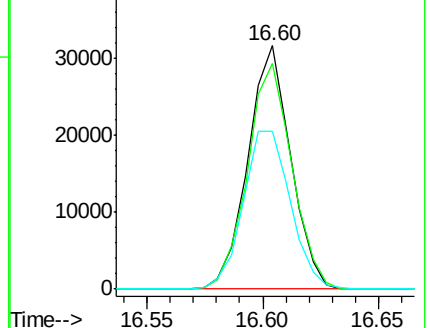
141 64.9 55.1 82.7

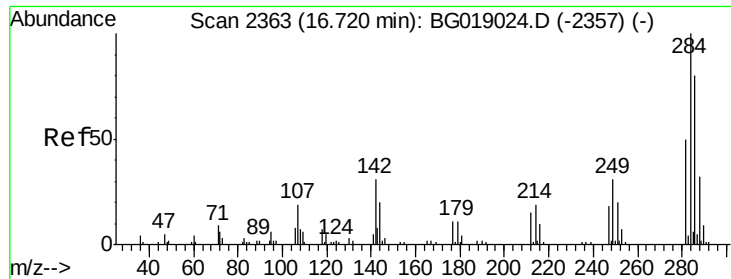


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 19.57 ng/ul

RT: 16.72 min Scan# 2363

Delta R.T. 0.00 min

Lab File: BG019027.D

Acq: 5 Oct 2015 14:41

Instrument :

BNA_G

ClientSampleId :

SSTD02034

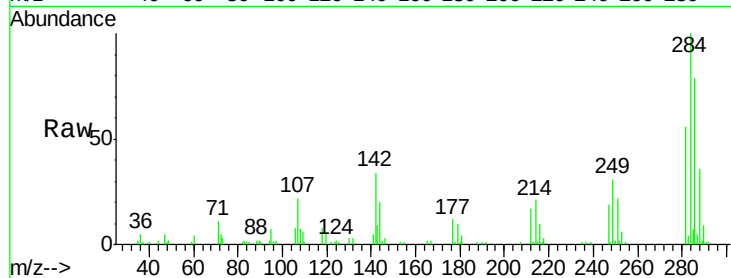
Tgt Ion:284 Resp: 45672

Ion Ratio Lower Upper

284 100

142 34.0 25.4 38.0

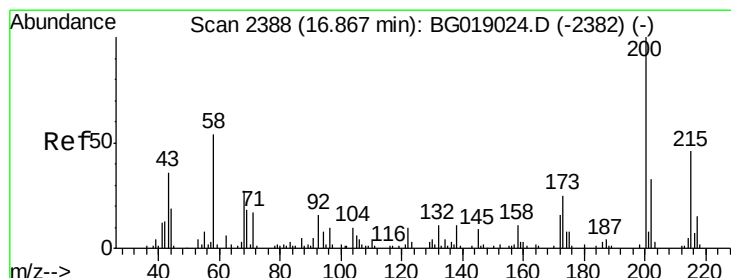
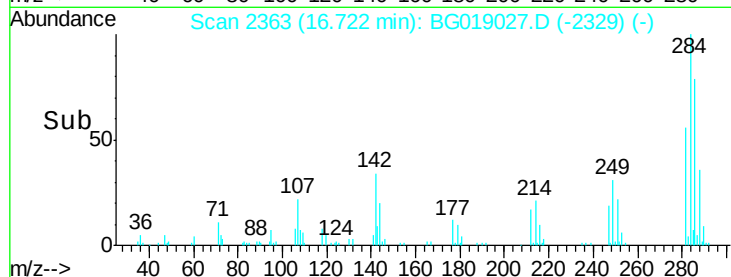
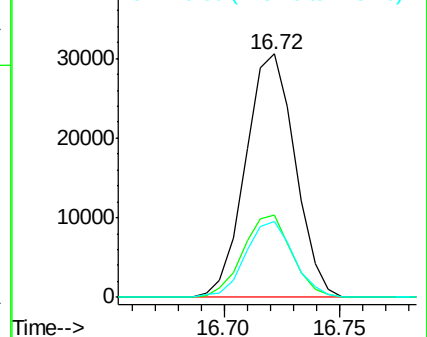
249 31.2 25.6 38.4



Abundance Ion 284.00 (283.70 to 284.70): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 21.37 ng/ul

RT: 16.87 min Scan# 2388

Delta R.T. 0.00 min

Lab File: BG019027.D

Acq: 5 Oct 2015 14:41

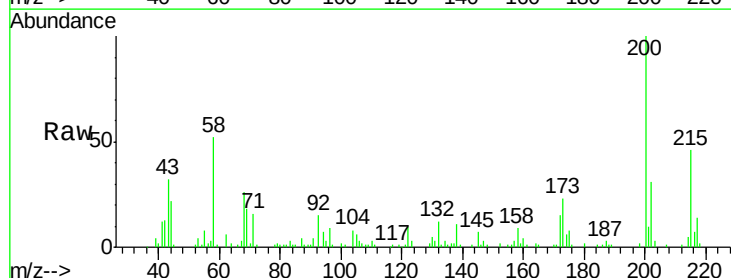
Tgt Ion:200 Resp: 48498

Ion Ratio Lower Upper

200 100

173 23.4 18.5 27.7

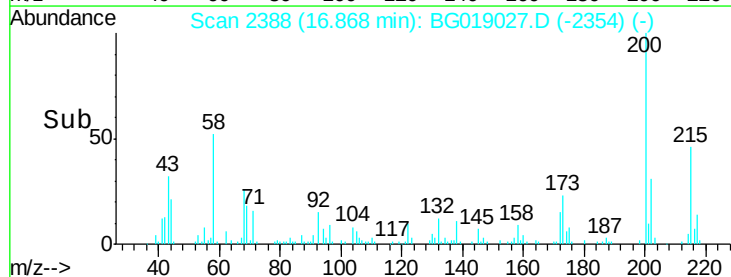
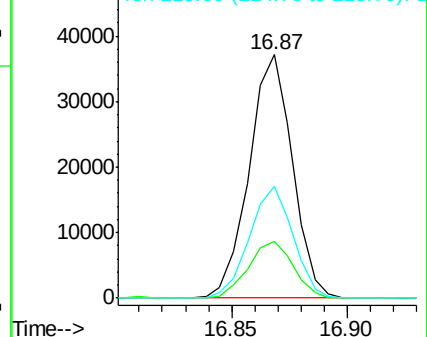
215 45.7 35.9 53.9

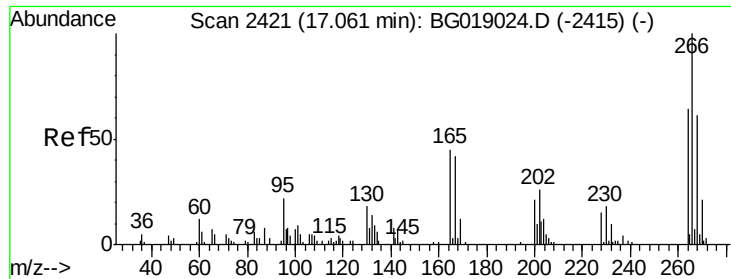


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

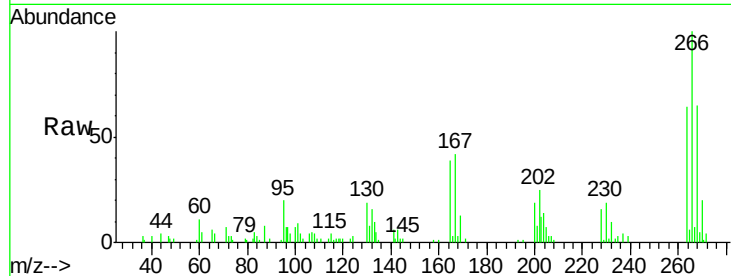




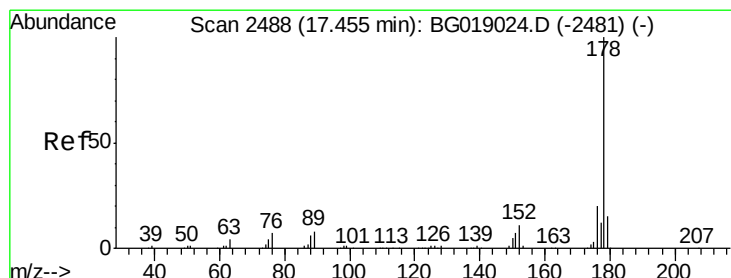
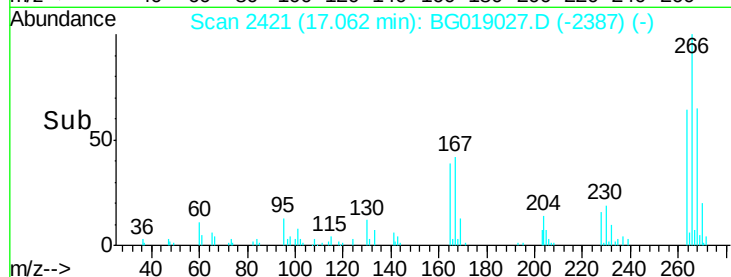
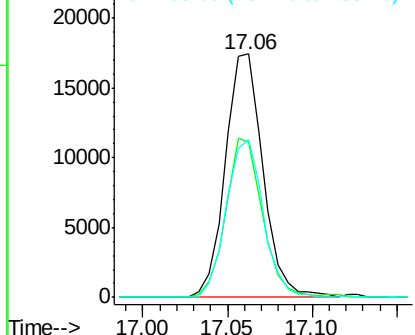
#69
 Pentachlorophenol
 Concen: 18.42 ng/ul
 RT: 17.06 min Scan# 2421
 Delta R.T. 0.00 min
 Lab File: BG019027.D
 Acq: 5 Oct 2015 14:41

Instrument :
 BNA_G
 ClientSampleId :
 SST02034

Tgt Ion:266 Resp: 26985
 Ion Ratio Lower Upper
 266 100
 264 63.7 49.0 73.6
 268 65.0 55.6 83.4

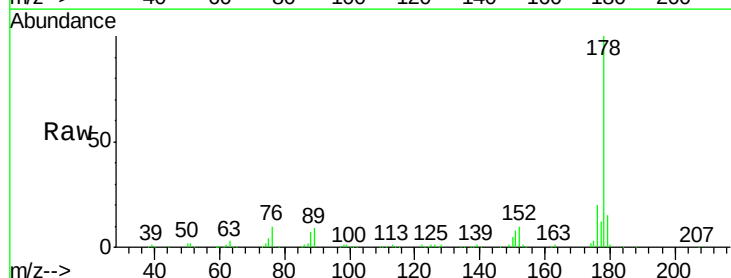


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

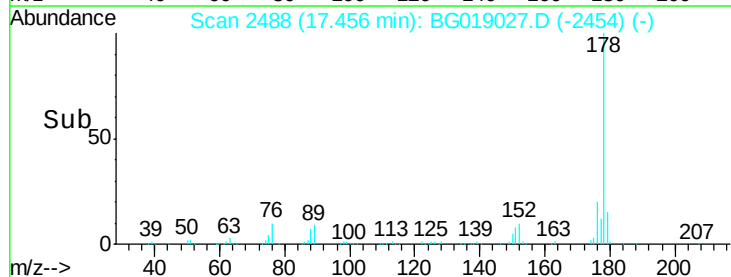
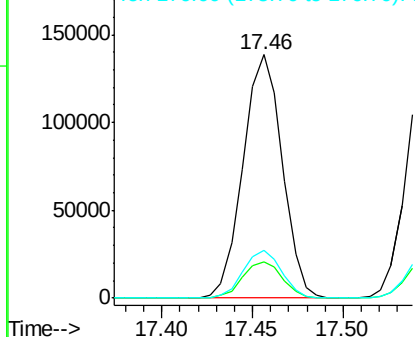


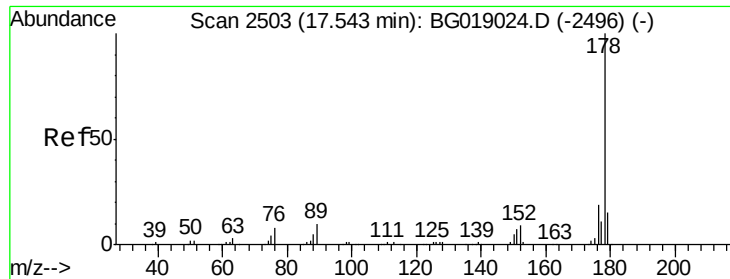
#70
 Phenanthrene
 Concen: 19.64 ng/ul
 RT: 17.46 min Scan# 2488
 Delta R.T. 0.00 min
 Lab File: BG019027.D
 Acq: 5 Oct 2015 14:41

Tgt Ion:178 Resp: 208098
 Ion Ratio Lower Upper
 178 100
 179 14.8 12.5 18.7
 176 19.7 15.4 23.0



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

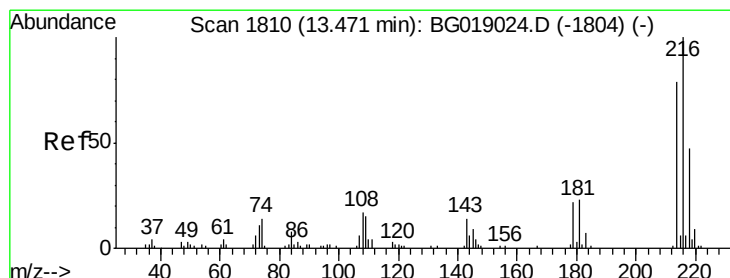
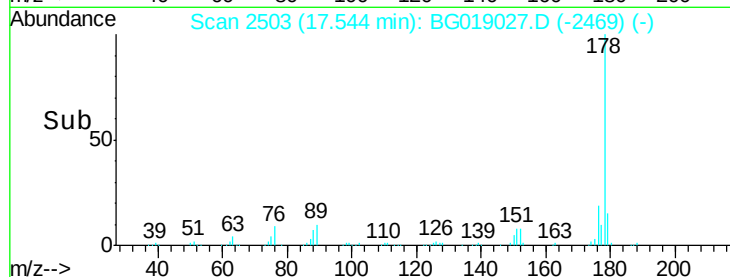
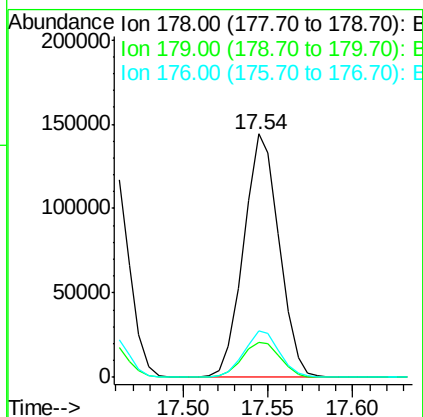
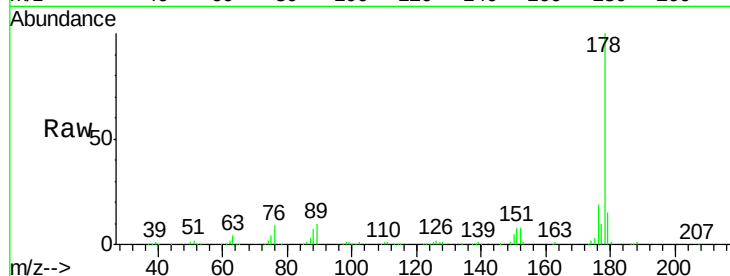




#72
 Anthracene
 Concen: 19.67 ng/uL
 RT: 17.54 min Scan# 2503
 Delta R.T. 0.00 min
 Lab File: BG019027.D
 Acq: 5 Oct 2015 14:41

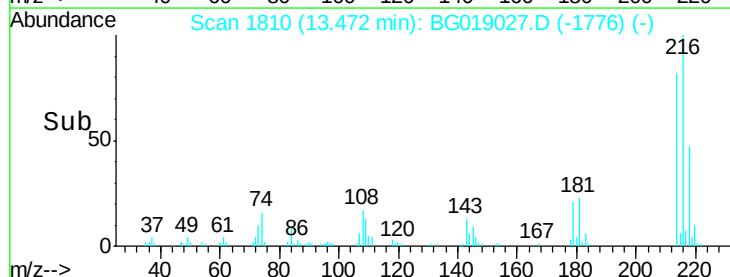
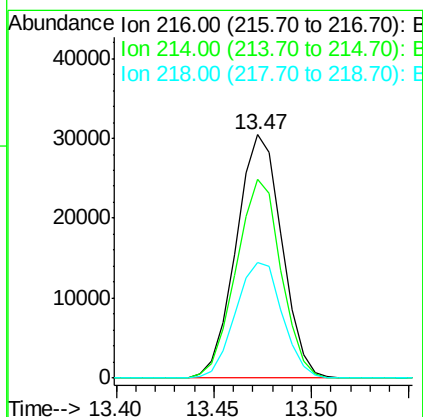
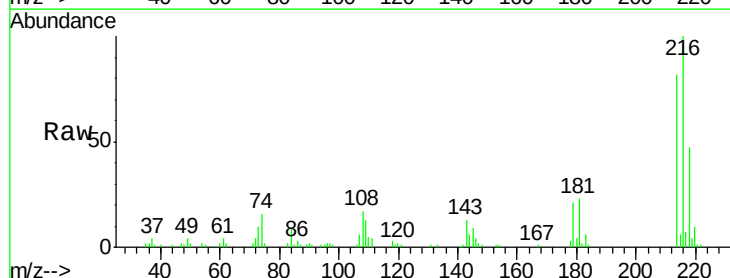
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02034

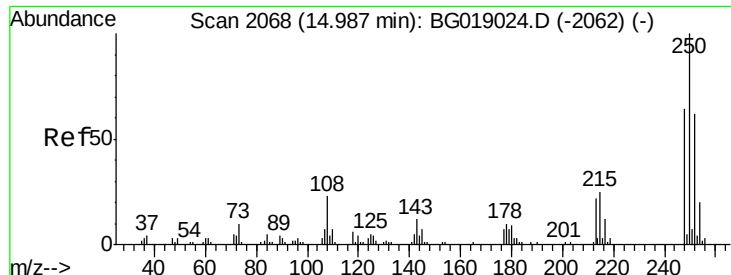
Tgt Ion:178 Resp: 209993
 Ion Ratio Lower Upper
 178 100
 179 14.6 12.2 18.4
 176 18.9 15.0 22.6



#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 19.44 ng/uL
 RT: 13.47 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: BG019027.D
 Acq: 5 Oct 2015 14:41

Tgt Ion:216 Resp: 49304
 Ion Ratio Lower Upper
 216 100
 214 81.8 64.5 96.7
 218 47.5 40.4 60.6

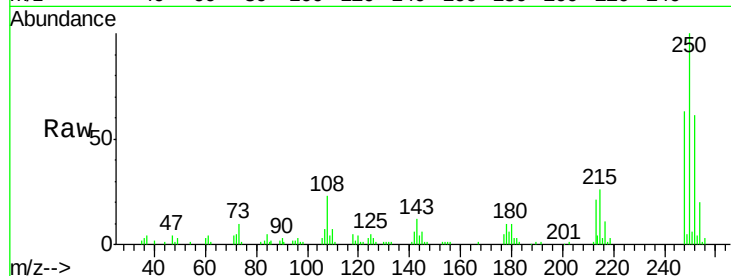




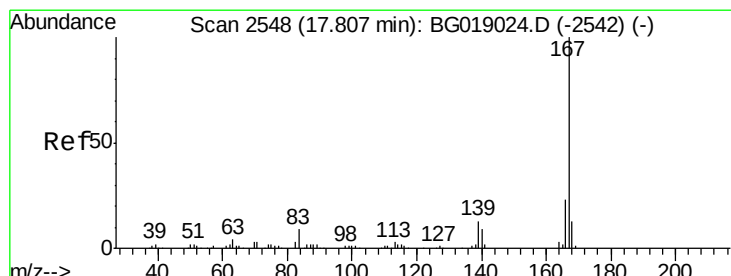
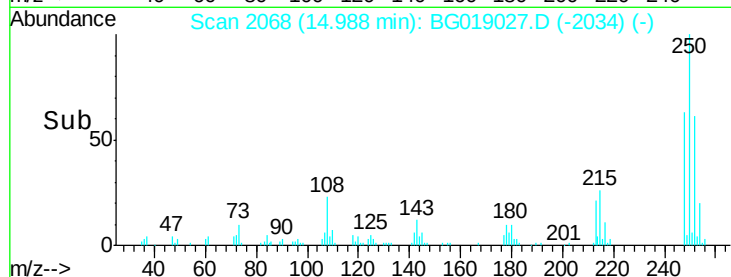
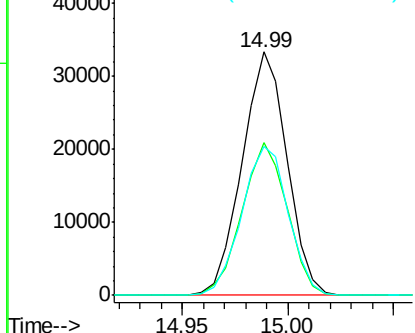
#74
 Pentachlorobenzene
 Concen: 19.94 ng/uL
 RT: 14.99 min Scan# 2068
 Delta R.T. 0.00 min
 Lab File: BG019027.D
 Acq: 5 Oct 2015 14:41

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02034

Tgt Ion:250 Resp: 49264
 Ion Ratio Lower Upper
 250 100
 248 62.6 47.4 71.2
 252 61.1 50.2 75.4

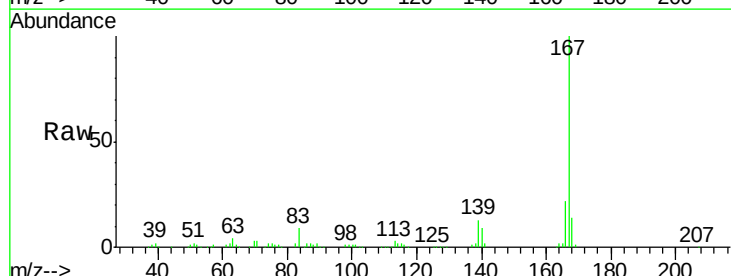


Abundance Ion 250.00 (249.70 to 250.70): E
 Ion 248.00 (247.70 to 248.70): E
 Ion 252.00 (251.70 to 252.70): E

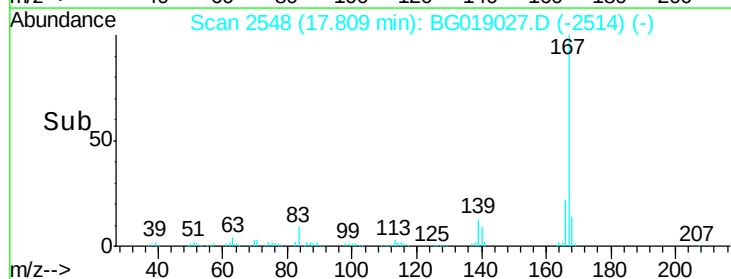
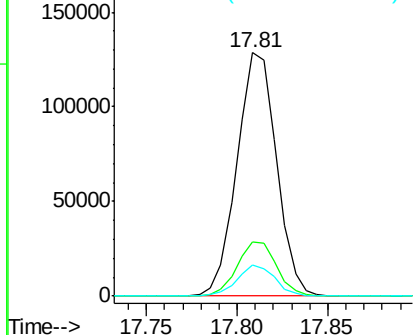


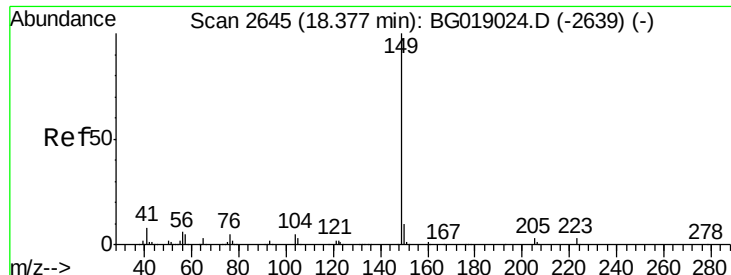
#75
 Carbazole
 Concen: 21.17 ng/uL
 RT: 17.81 min Scan# 2548
 Delta R.T. 0.00 min
 Lab File: BG019027.D
 Acq: 5 Oct 2015 14:41

Tgt Ion:167 Resp: 195022
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.6 27.8
 139 12.9 9.8 14.8



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

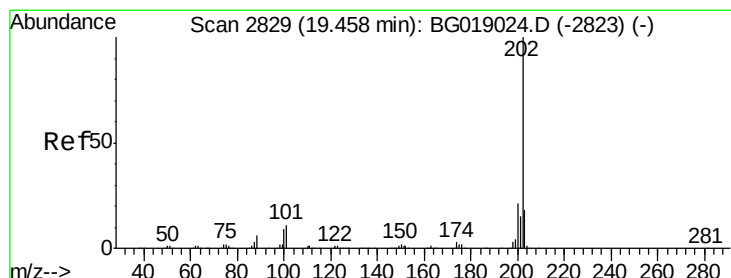
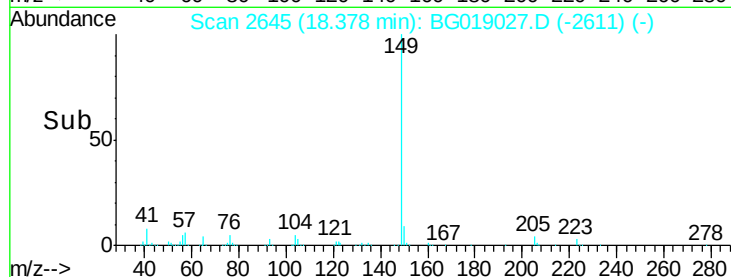
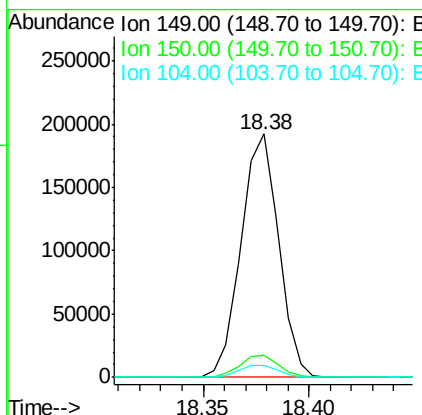
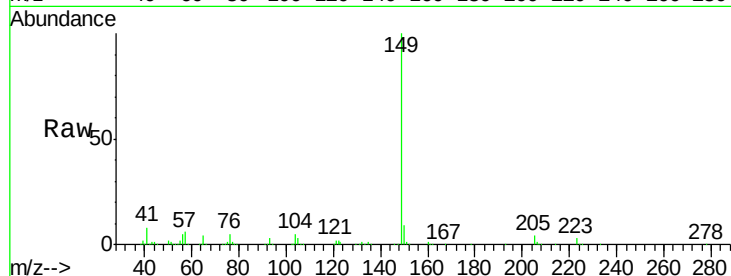




#76
Di-n-butylphthalate
Concen: 20.13 ng/ul
RT: 18.38 min Scan# 2645
Delta R.T. 0.00 min
Lab File: BG019027.D
Acq: 5 Oct 2015 14:41

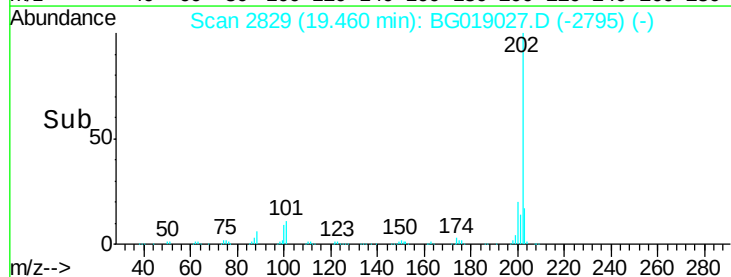
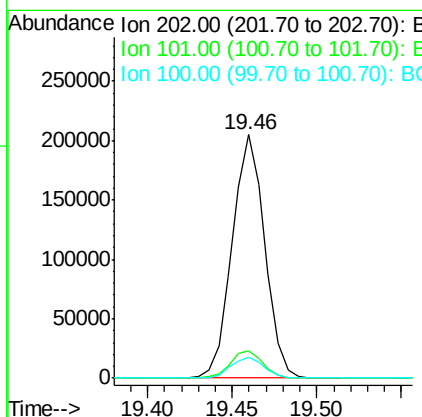
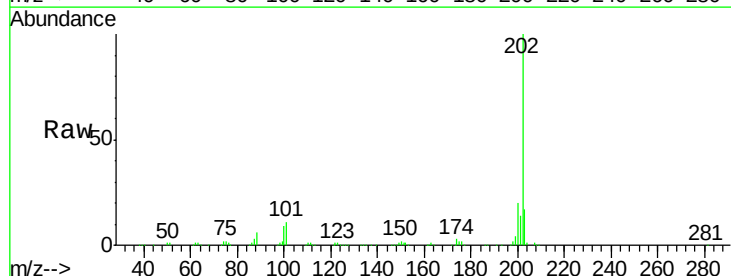
Instrument :
BNA_G
ClientSampleId :
SSTD02034

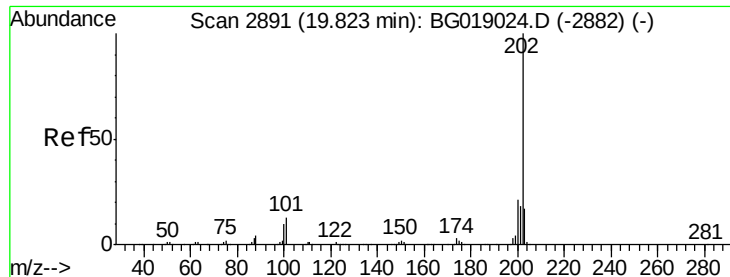
Tgt Ion:149 Resp: 237040
Ion Ratio Lower Upper
149 100
150 9.3 7.1 10.7
104 5.1 3.9 5.9



#77
Fluoranthene
Concen: 22.19 ng/ul
RT: 19.46 min Scan# 2829
Delta R.T. 0.00 min
Lab File: BG019027.D
Acq: 5 Oct 2015 14:41

Tgt Ion:202 Resp: 273677
Ion Ratio Lower Upper
202 100
101 11.1 9.0 13.4
100 8.6 6.9 10.3

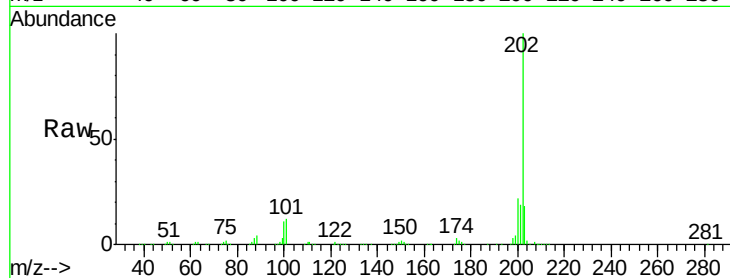




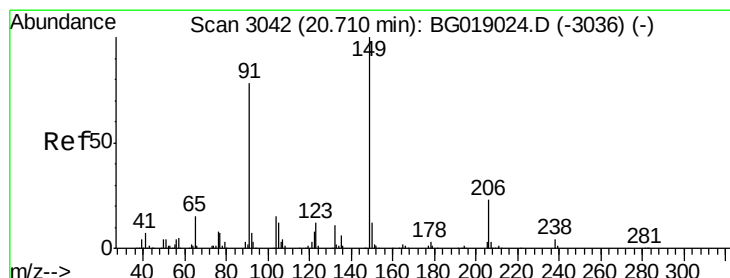
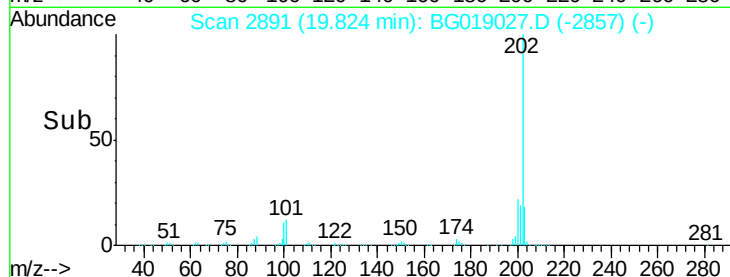
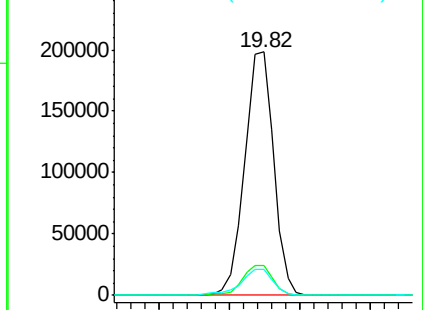
#80
 Pyrene
 Concen: 19.68 ng/ul
 RT: 19.82 min Scan# 2891
 Delta R.T. 0.00 min
 Lab File: BG019027.D
 Acq: 5 Oct 2015 14:41

Instrument :
 BNA_G
 ClientSampleId :
 SST02034

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	10.2	15.2
100	10.8	8.5	12.7

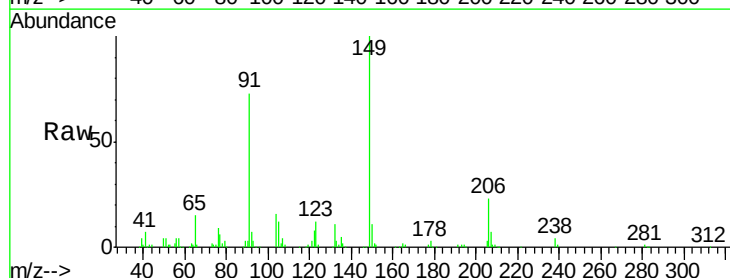


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B



#81
 Butylbenzylphthalate
 Concen: 20.30 ng/ul
 RT: 20.71 min Scan# 3042
 Delta R.T. 0.00 min
 Lab File: BG019027.D
 Acq: 5 Oct 2015 14:41

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.8	59.1	88.7
206	23.4	17.9	26.9



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): B
 Ion 206.00 (205.70 to 206.70): E

