

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070516\
 Data File : BG022852.D
 Acq On : 5 Jul 2016 15:57
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02021

Quant Time: Jul 06 03:23:13 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 06 03:22:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	130283	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	571046	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.80	164	455511	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.65	188	1036991	20.00	ng/ul	0.10
75) Chrysene-d12	21.93	240	1189	20.00	ng/ul	0.08
83) Perylene-d12	25.23	264	1208482	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	20220	8.67	ng/uL	0.00
5) Phenol-d5	7.30	99	258624	18.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	153847	19.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.68	132	168985	18.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	202412	19.01	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	85999	18.89	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	100526	18.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	227320	19.79	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	248008	25.50	ng/ul	0.00
43) Dimethylphthalate-d6	14.19	166	720999	19.48	ng/ul	0.00
46) Acenaphthylene-d8	14.49	160	851999	20.09	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	118672	20.42	ng/ul	0.00
57) Fluorene-d10	15.79	176	704338	20.09	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.01	200	1010	0.15	ng/ul	0.11
70) Anthracene-d10	17.75	188	1220	0.03	ng/ul	0.10
76) Pyrene-d10	19.93	212	1182380	20815.98	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.99	264	1159614	20.20	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.57	88	22799	8.34	ng/uL# 79
4) Benzaldehyde	7.28	77	177185	20.34	ng/ul 86
6) Phenol	7.33	94	271072	19.31	ng/ul# 62
8) Bis(2-Chloroethyl)ether	7.57	93	186085	19.39	ng/ul 89
10) 2-Chlorophenol	7.72	128	176352	18.94	ng/ul# 86
11) 2-Methylphenol	8.60	108	198340	18.81	ng/ul 89
12) 2,2'-oxybis(1-Chloropropan	8.69	45	219334	20.32	ng/ul 98
14) Acetophenone	8.98	105	341400	19.86	ng/ul# 80
15) N-Nitroso-di-n-propylamine	8.96	70	194469	18.82	ng/ul# 84
16) 4-Methylphenol	8.92	108	223406	19.06	ng/ul 94
17) Hexachloroethane	9.25	117	80557	20.32	ng/ul# 70
20) Nitrobenzene	9.37	77	285821	20.41	ng/ul# 77
21) Isophorone	9.89	82	508983	20.38	ng/ul# 89
23) 2-Nitrophenol	10.09	139	115671	19.84	ng/ul# 47
24) 2,4-Dimethylphenol	10.13	107	284280	20.37	ng/ul# 78
25) Bis(2-Chloroethoxy)methane	10.37	93	293191	19.89	ng/ul# 93
27) 2,4-Dichlorophenol	10.62	162	223196	19.33	ng/ul 95
28) Naphthalene	11.03	128	595270	20.39	ng/ul 96
30) 4-Chloroaniline	11.14	127	239904	24.15	ng/ul 100
31) Hexachlorobutadiene	11.31	225	183978	20.69	ng/ul 95
33) 4-Chloro-3-methylphenol	12.25	107	279378	19.13	ng/ul# 82
34) 2-Methylnaphthalene	12.63	142	494283	20.46	ng/ul 97
36) 1,2,4,5-Tetrachlorobenzene	13.00	216	341432	20.05	ng/ul 94

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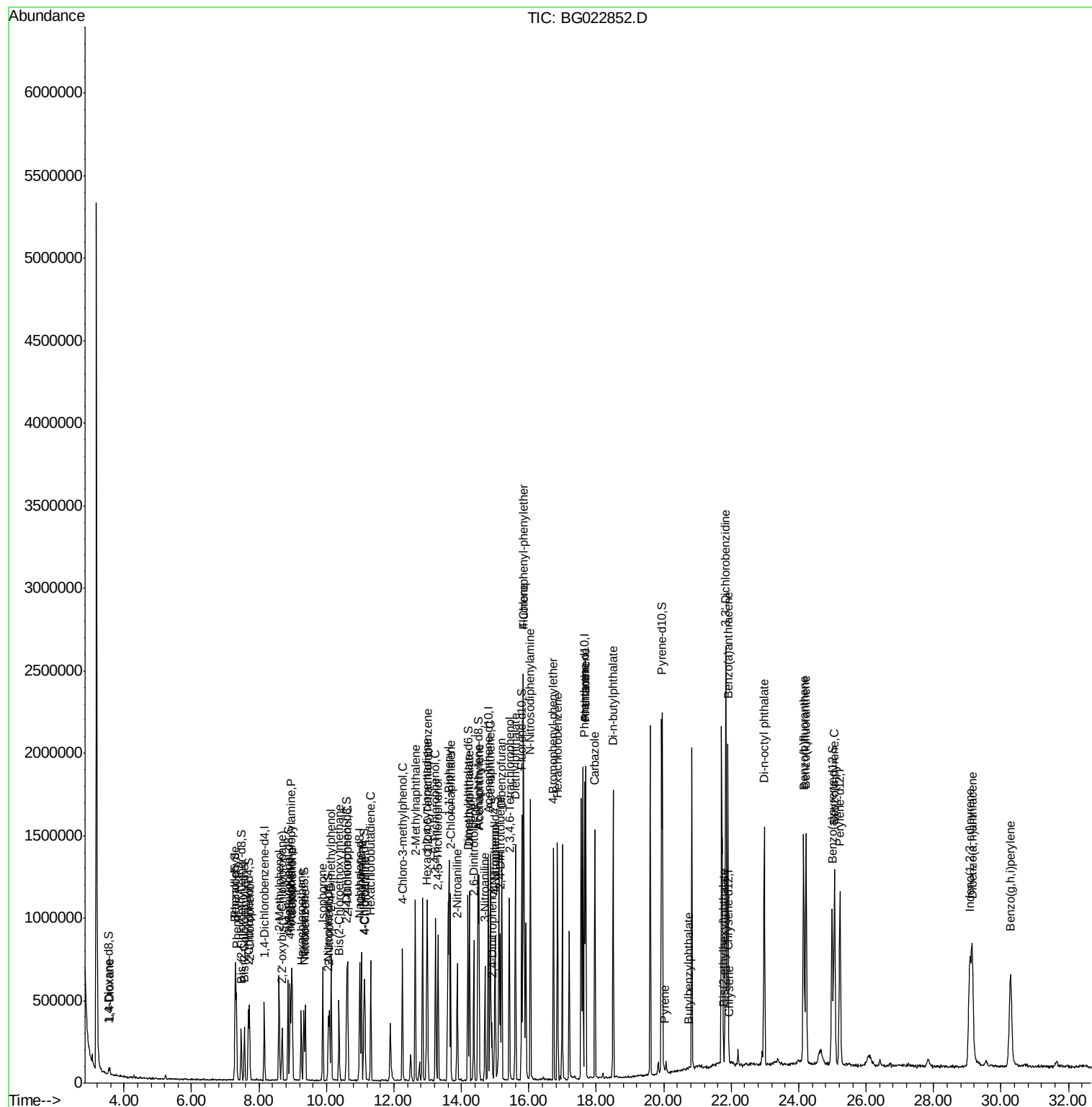
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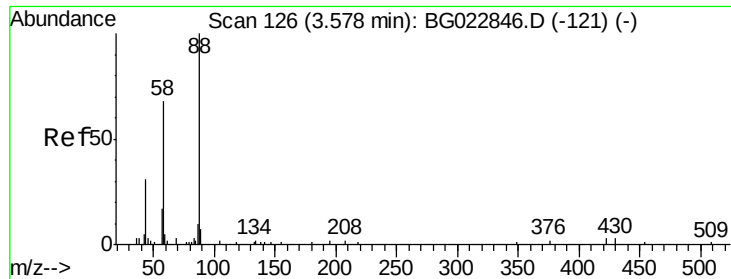
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) Hexachlorocyclopentadiene	12.97	237	187708	18.26	ng/ul	96
38) 2,4,6-Trichlorophenol	13.23	196	229996	19.58	ng/ul	97
39) 2,4,5-Trichlorophenol	13.31	196	238531	19.30	ng/ul	99
40) 1,1'-Biphenyl	13.63	154	690439	19.93	ng/ul	95
41) 2-Chloronaphthalene	13.68	162	553075	19.72	ng/ul	99
42) 2-Nitroaniline	13.88	65	223037	20.56	ng/ul#	60
44) Dimethylphthalate	14.24	163	740117	19.59	ng/ul	99
45) 2,6-Dinitrotoluene	14.36	165	158637	19.39	ng/ul#	84
47) Acenaphthylene	14.52	152	851475	19.94	ng/ul	97
48) 3-Nitroaniline	14.70	138	141333	22.11	ng/ul#	56
49) Acenaphthene	14.86	153	566280	19.52	ng/ul	96
50) 2,4-Dinitrophenol	14.90	184	78578	17.29	ng/ul#	77
52) 4-Nitrophenol	15.01	109	148379	20.08	ng/ul#	56
53) Dibenzofuran	15.19	168	887283	19.80	ng/ul#	80
54) 2,4-Dinitrotoluene	15.15	165	230010	19.44	ng/ul#	64
55) 2,3,4,6-Tetrachlorophenol	15.42	232	239653	19.05	ng/ul#	94
56) Diethylphthalate	15.60	149	762908	19.87	ng/ul	95
58) Fluorene	15.85	166	707395	19.64	ng/ul	94
59) 4-Chlorophenyl-phenylether	15.83	204	416205	19.30	ng/ul	99
64) N-Nitrosodiphenylamine	16.05	169	650543	21.30	ng/ul	96
65) 4-Bromophenyl-phenylether	16.73	248	291383	21.01	ng/ul	94
66) Hexachlorobenzene	16.85	284	310089	21.12	ng/ul	93
69) Phenanthrene	17.68	178	1181459	22.27	ng/ul	98
71) Anthracene	17.68	178	1181459	21.68	ng/ul	98
72) Carbazole	17.95	167	951749	23.60	ng/ul	97
73) Di-n-butylphthalate	18.50	149	1172797	22.65	ng/ul#	96
77) Pyrene	20.02	202	1831	27.51	ng/ul#	85
78) Butylbenzylphthalate	20.72	149	764	29.60	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.83	252	1378	61.20	ng/ul#	32
80) Benzo(a)anthracene	21.90	228	1323726	18980.89	ng/ul	94
81) Bis(2-ethylhexyl)phthalate	21.77	149	791	23.75	ng/ul#	77
82) Chrysene	21.94	228	7718	121.58	ng/ul	94
84) Di-n-octyl phthalate	22.98	149	1290689	24.23	ng/ul	100
85) Benzo(b)fluoranthene	24.15	252	1521044	20.14	ng/ul#	91
86) Benzo(k)fluoranthene	24.22	252	1427422	20.12	ng/ul#	87
88) Benzo(a)pyrene	25.06	252	1435335	20.00	ng/ul#	90
89) Indeno(1,2,3-cd)pyrene	29.08	276	1612676	21.26	ng/ul#	80
90) Dibenzo(a,h)anthracene	29.14	278	1316546	20.99	ng/ul#	87
91) Benzo(g,h,i)perylene	30.27	276	631585	10.62	ng/ul#	80

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

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#2

1,4-Dioxane

Concen: 8.34 ng/uL

RT: 3.57 min Scan# 125

Delta R.T. -0.01 min

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BNA_G

ClientSampleId :

SSTD02021

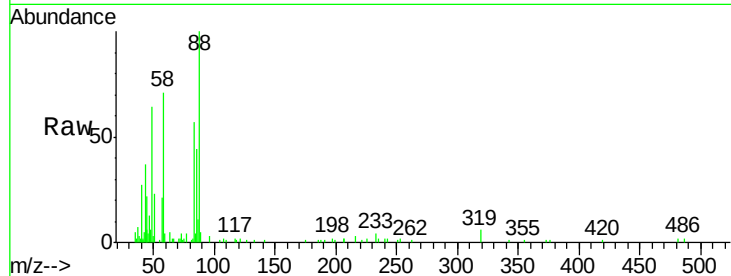
Tgt Ion: 88 Resp: 22799

Ion Ratio Lower Upper

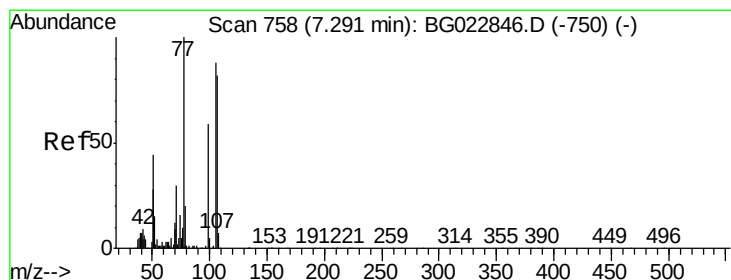
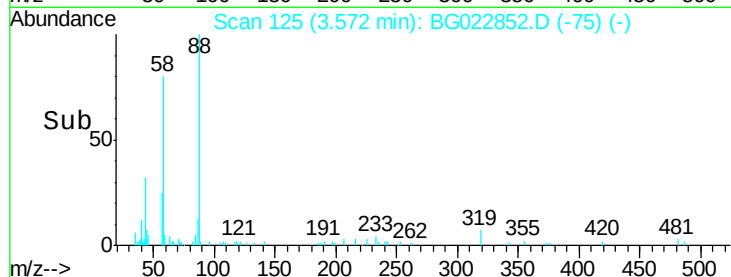
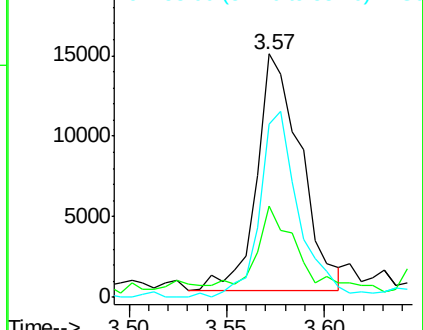
88 100

43 37.3 16.6 24.8#

58 71.2 47.2 70.8#



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: 20.34 ng/uL

RT: 7.28 min Scan# 757

Delta R.T. -0.01 min

Lab File: BG022852.D

Acq: 5 Jul 2016 15:57

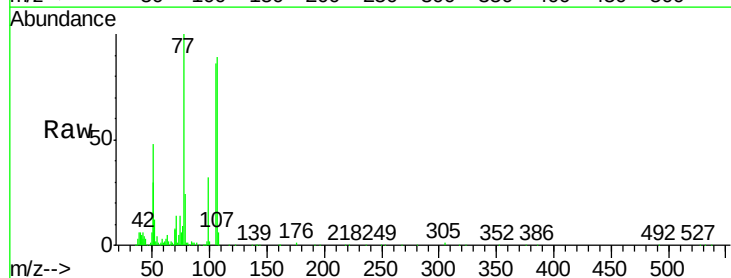
Tgt Ion: 77 Resp: 177185

Ion Ratio Lower Upper

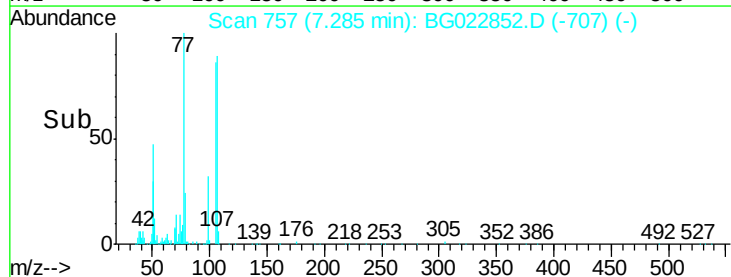
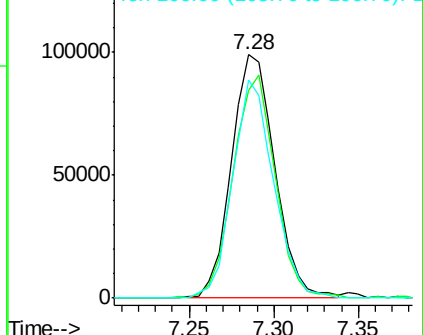
77 100

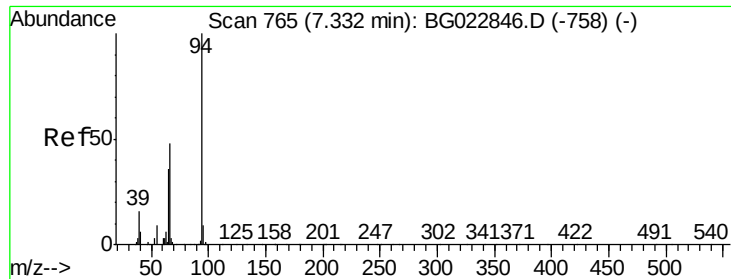
105 85.6 83.8 125.8

106 89.4 77.9 116.9



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: 19.31 ng/ul

RT: 7.33 min Scan# 765

Delta R.T. -0.00 min

Lab File: BG022852.D

Acq: 5 Jul 2016 15:57

Instrument :

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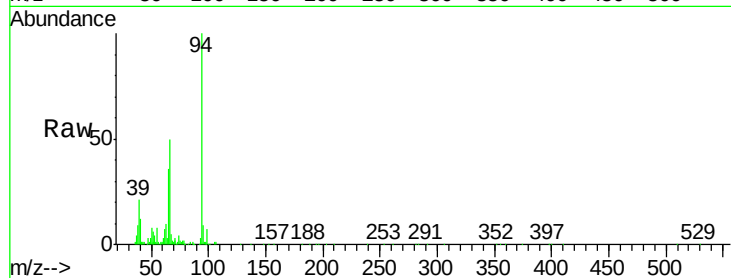
Tgt Ion: 94 Resp: 271072

Ion Ratio Lower Upper

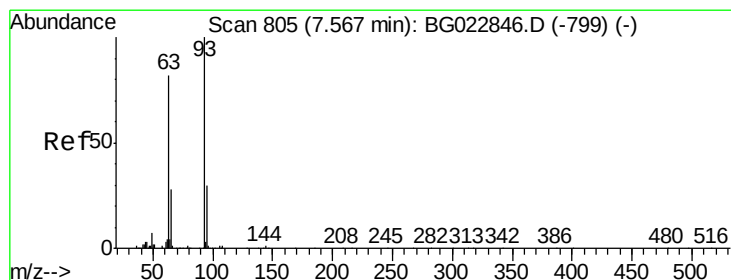
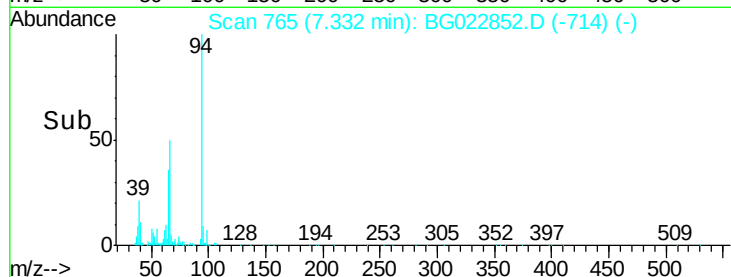
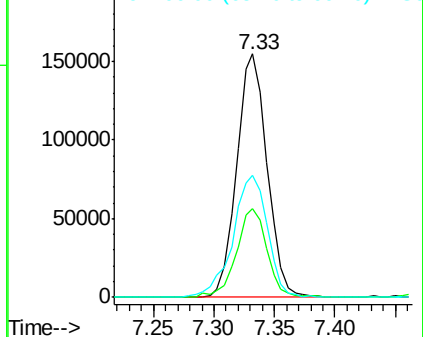
94 100

65 36.4 16.8 25.2#

66 50.2 22.6 33.8#



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: 19.39 ng/ul

RT: 7.57 min Scan# 805

Delta R.T. -0.00 min

Lab File: BG022852.D

Acq: 5 Jul 2016 15:57

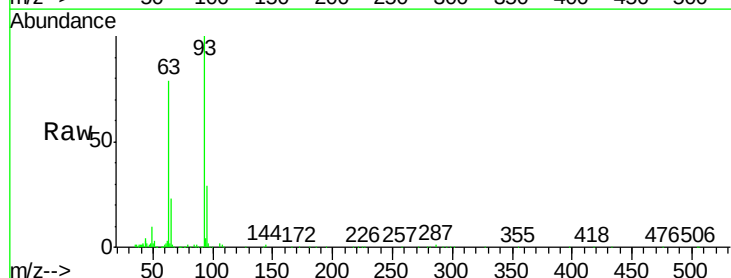
Tgt Ion: 93 Resp: 186085

Ion Ratio Lower Upper

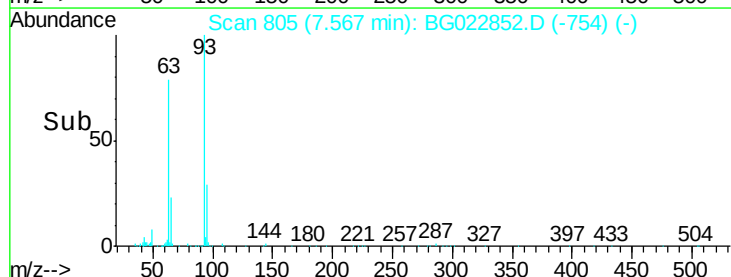
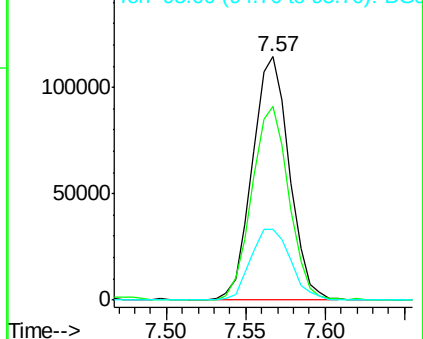
93 100

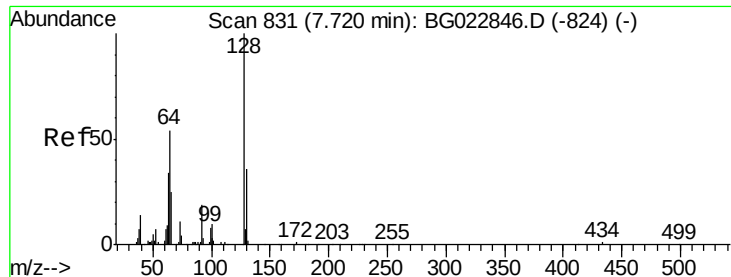
63 79.4 56.0 84.0

95 28.9 27.7 41.5



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

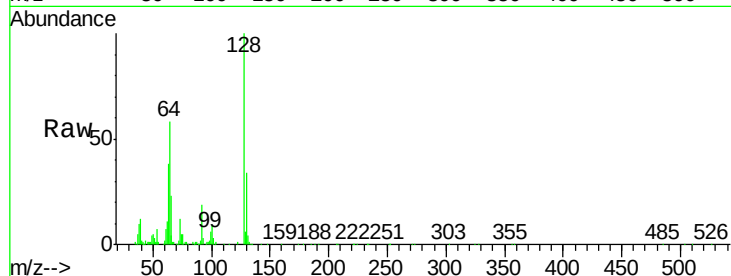




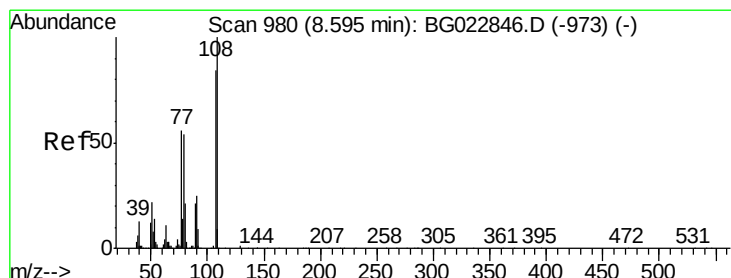
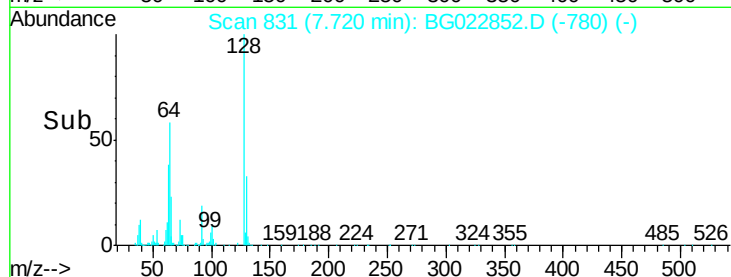
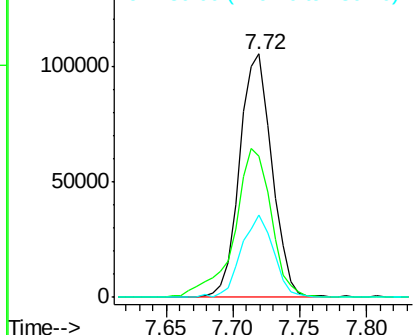
#10
2-Chlorophenol
Concen: 18.94 ng/ul
RT: 7.72 min Scan# 831
Delta R.T. -0.00 min
Lab File: BG022852.D
Acq: 5 Jul 2016 15:57

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ClientSampleId :
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Tgt Ion:128 Resp: 176352
Ion Ratio Lower Upper
128 100
64 58.2 34.2 51.4#
130 33.7 27.0 40.4

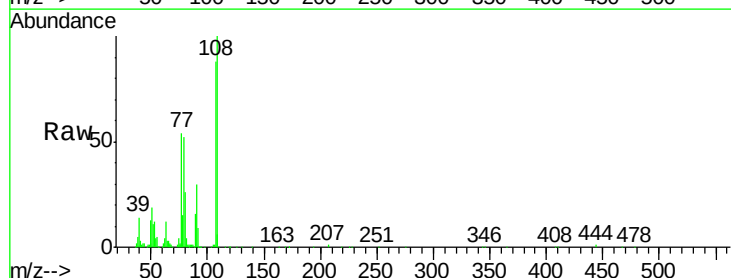


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 130.00 (129.70 to 130.70): E

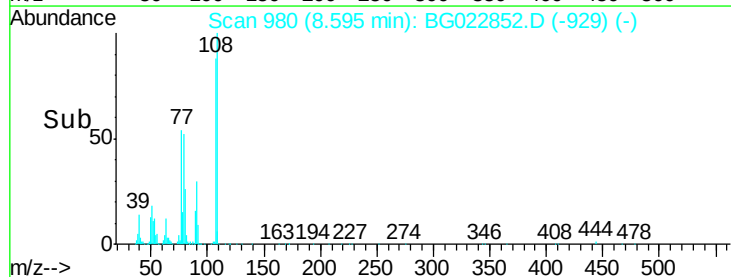
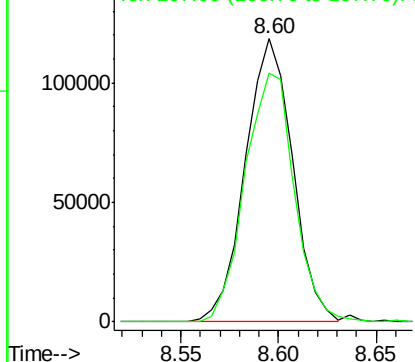


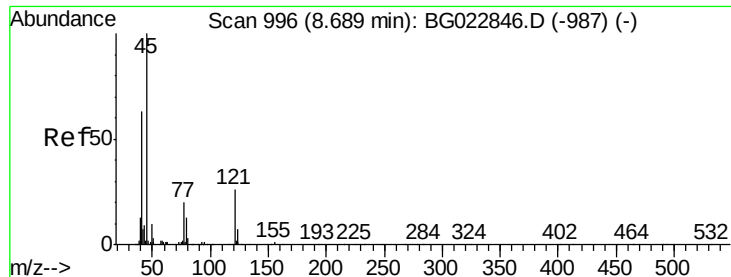
#11
2-Methylphenol
Concen: 18.81 ng/ul
RT: 8.60 min Scan# 980
Delta R.T. -0.00 min
Lab File: BG022852.D
Acq: 5 Jul 2016 15:57

Tgt Ion:108 Resp: 198340
Ion Ratio Lower Upper
108 100
107 87.7 78.6 117.8



Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E

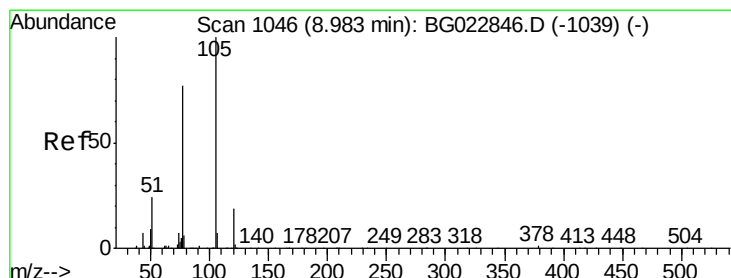
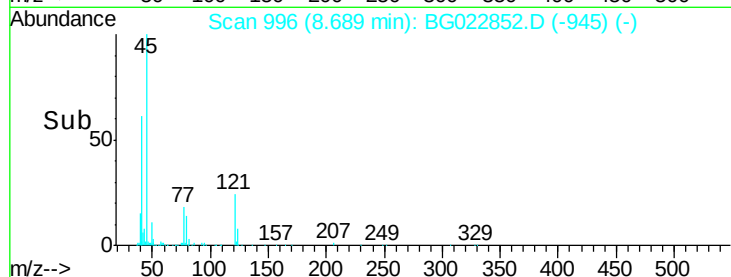
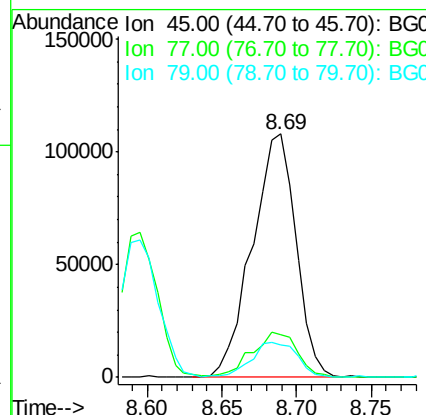
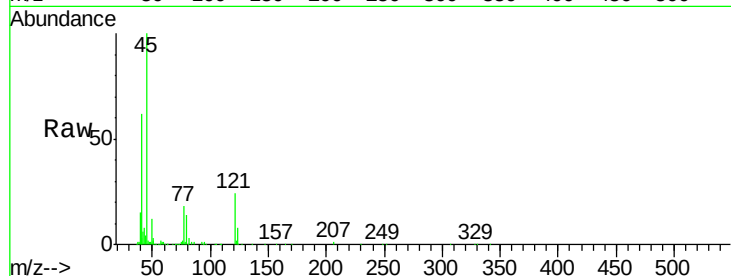




#12
2,2'-oxybis(1-chloropropane)
Concen: 20.32 ng/ul
RT: 8.69 min Scan# 996
Delta R.T. -0.00 min
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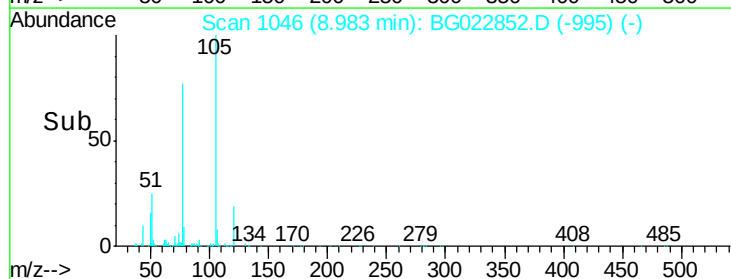
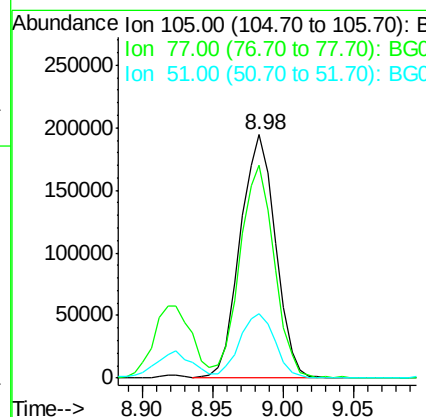
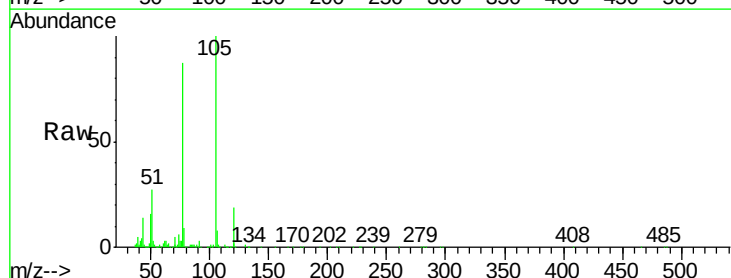
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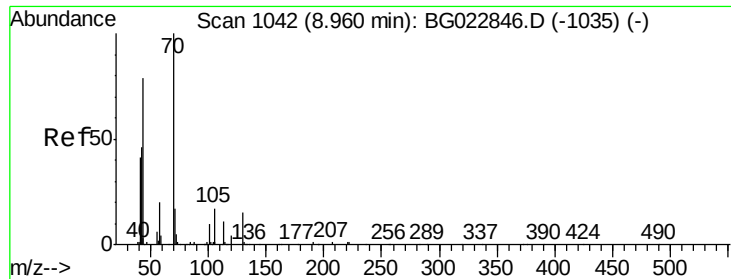
Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.5	13.4	20.2
79	13.5	10.2	15.4



#14
Acetophenone
Concen: 19.86 ng/ul
RT: 8.98 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BG022852.D
Acq: 5 Jul 2016 15:57

Tgt Ion	Ratio	Lower	Upper
105	100		
77	87.3	56.1	84.1#
51	26.6	14.6	22.0#

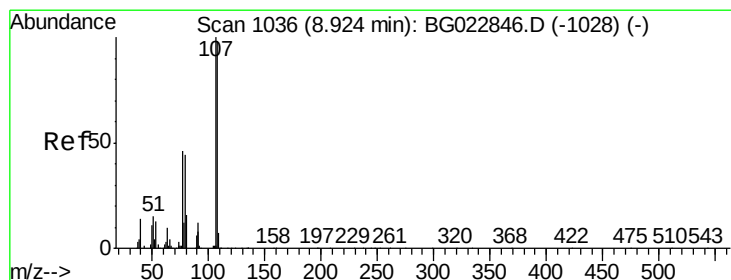
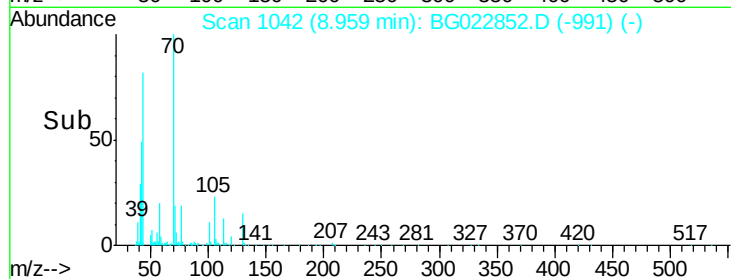
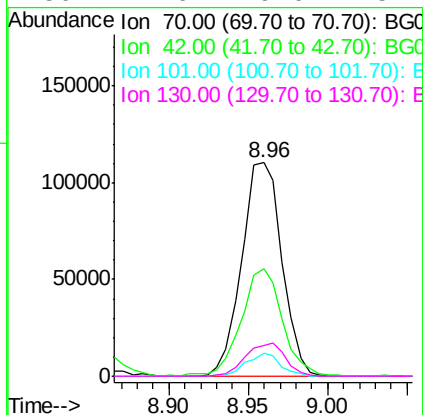
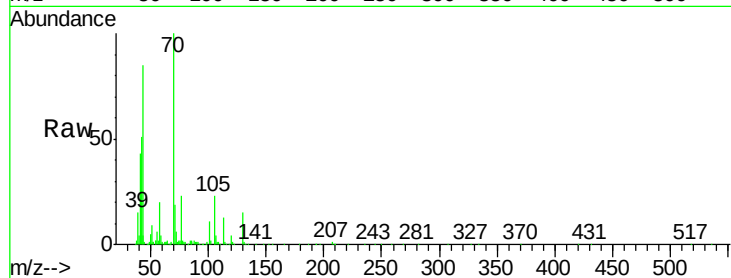




#15
N-Nitroso-di-n-propylamine
Concen: 18.82 ng/ul
RT: 8.96 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG022852.D
Acq: 5 Jul 2016 15:57

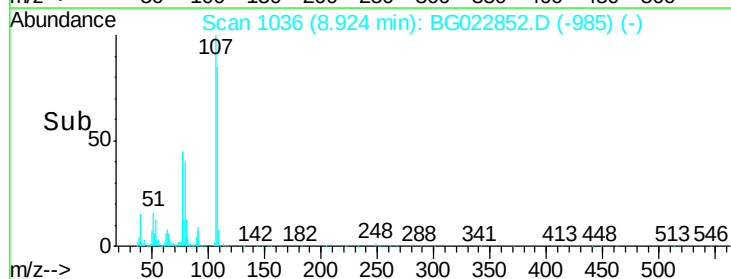
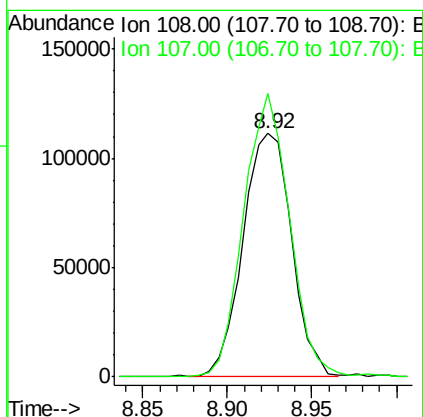
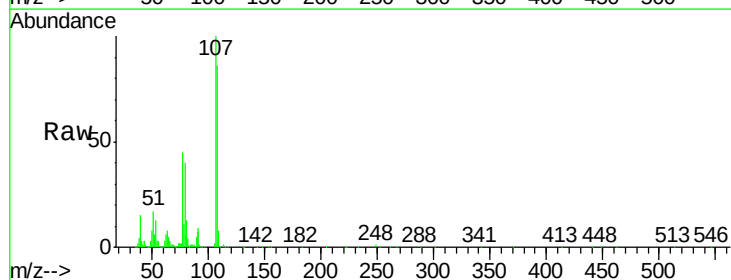
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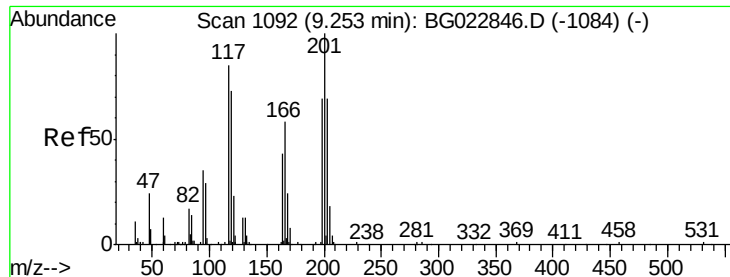
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Ion	Ratio	Lower	Upper
70	100		
42	50.6	31.4	47.2#
101	10.7	8.6	13.0
130	14.6	19.0	28.4#



#16
4-Methylphenol
Concen: 19.06 ng/ul
RT: 8.92 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG022852.D
Acq: 5 Jul 2016 15:57

Tgt Ion:	108	Resp:	223406
Ion	Ratio	Lower	Upper
108	100		
107	116.4	88.3	132.5





#17

Hexachloroethane

Concen: 20.32 ng/ul

RT: 9.25 min Scan# 1091

Delta R.T. -0.01 min

Lab File: BG022852.D

Acq: 5 Jul 2016 15:57

Instrument :

BNA_G

ClientSampleId :

SSTD02021

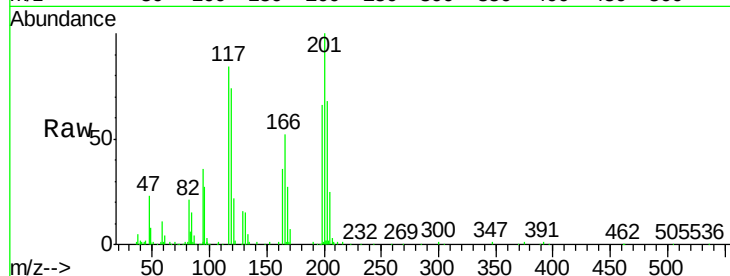
Tgt Ion: 117 Resp: 80557

Ion Ratio Lower Upper

117 100

201 121.2 76.8 115.2#

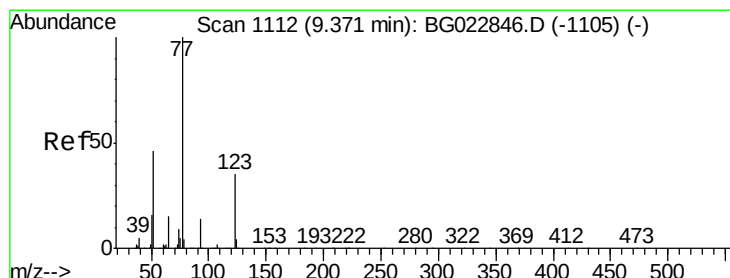
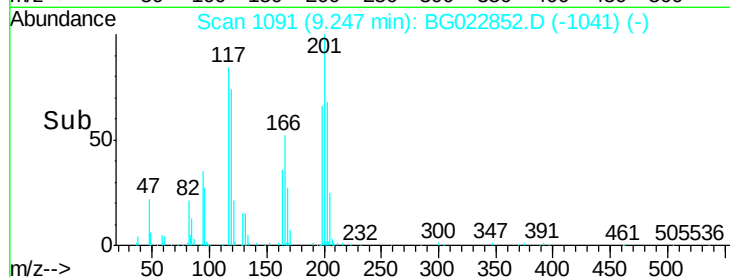
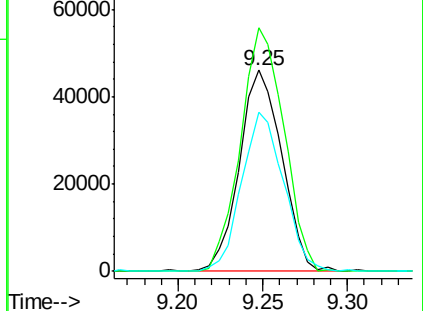
199 80.4 43.5 65.3#



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: 20.41 ng/ul

RT: 9.37 min Scan# 1112

Delta R.T. -0.00 min

Lab File: BG022852.D

Acq: 5 Jul 2016 15:57

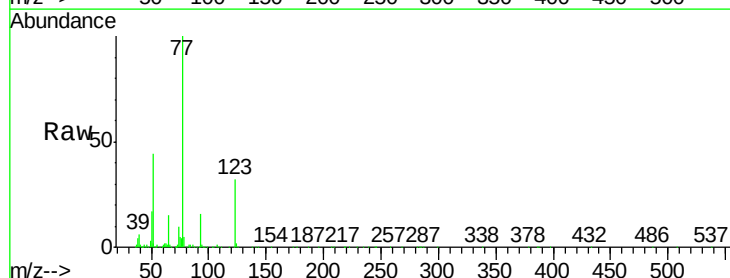
Tgt Ion: 77 Resp: 285821

Ion Ratio Lower Upper

77 100

123 31.5 39.5 59.3#

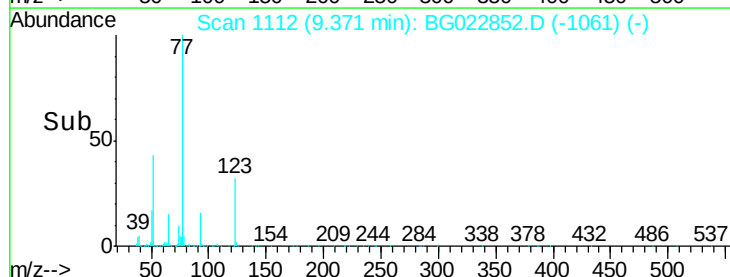
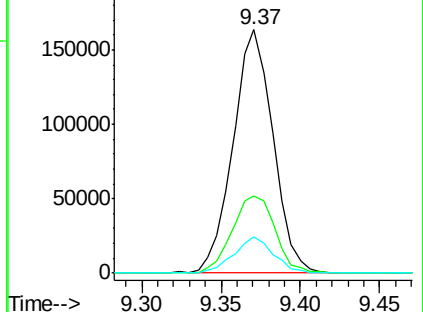
65 14.8 9.0 13.4#

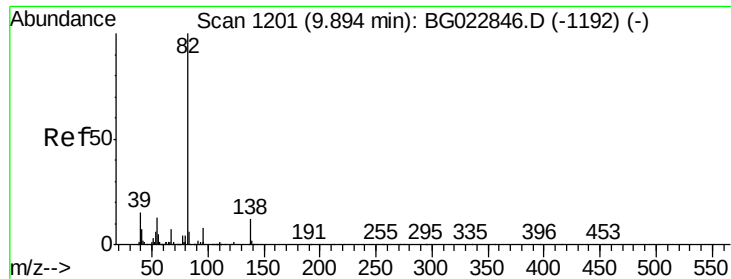


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BGC

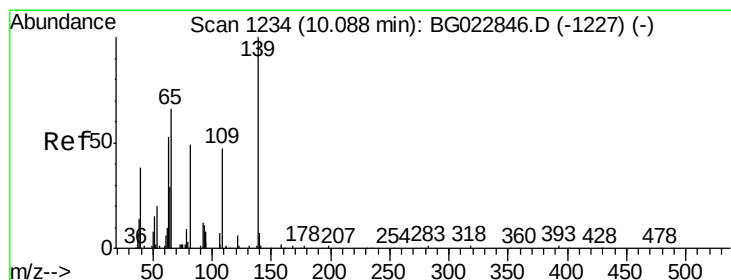
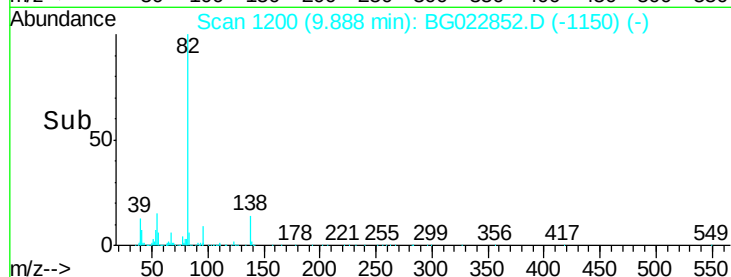
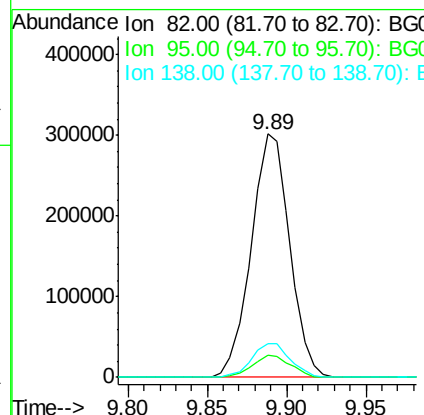
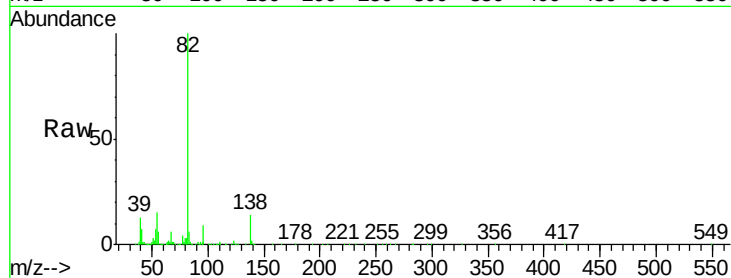




#21
Isophorone
Concen: 20.38 ng/ul
RT: 9.89 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BG022852.D
Acq: 5 Jul 2016 15:57

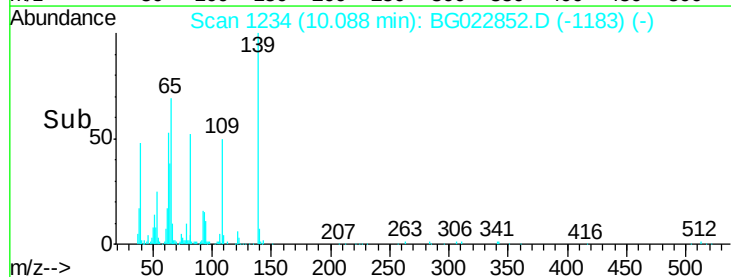
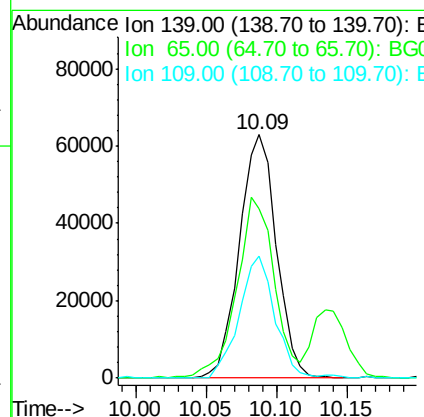
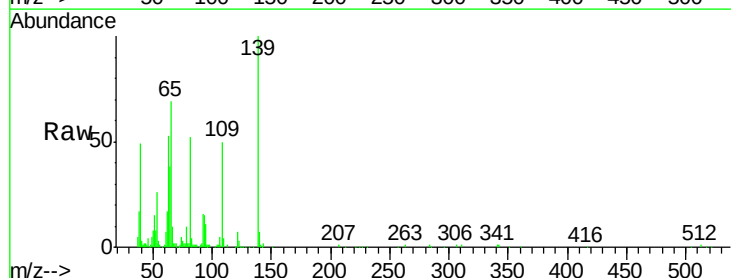
Instrument :
BNA_G
ClientSampleId :
SSTD02021

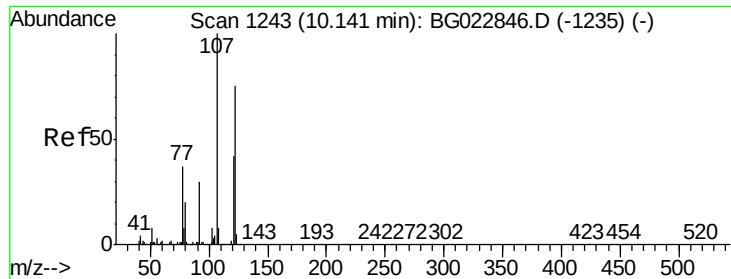
Tgt Ion: 82 Resp: 508983
Ion Ratio Lower Upper
82 100
95 9.3 5.1 7.7#
138 13.7 15.0 22.6#



#23
2-Nitrophenol
Concen: 19.84 ng/ul
RT: 10.09 min Scan# 1234
Delta R.T. -0.00 min
Lab File: BG022852.D
Acq: 5 Jul 2016 15:57

Tgt Ion: 139 Resp: 115671
Ion Ratio Lower Upper
139 100
65 69.5 31.8 47.8#
109 50.3 17.1 25.7#

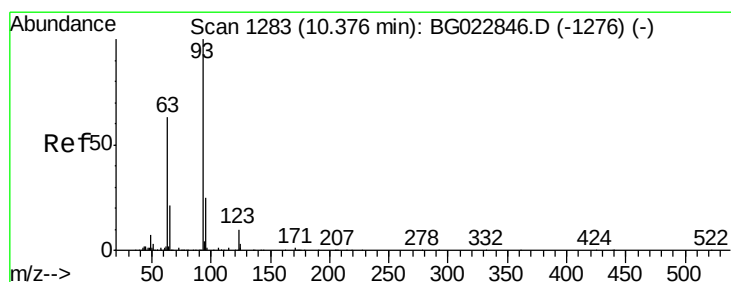
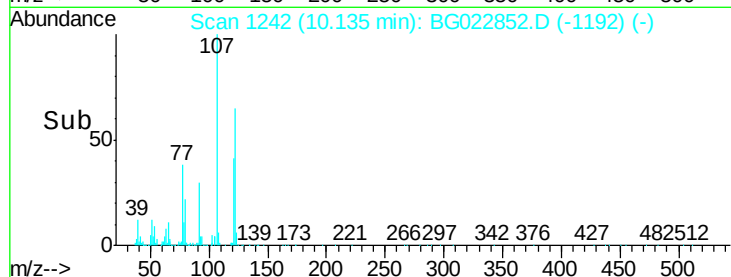
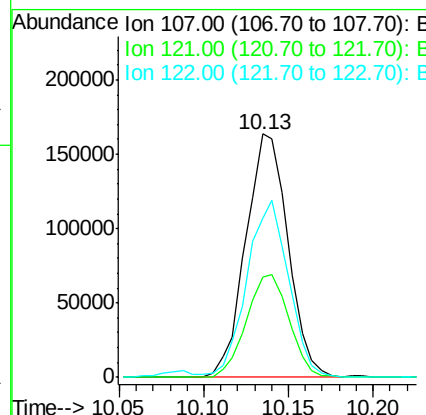
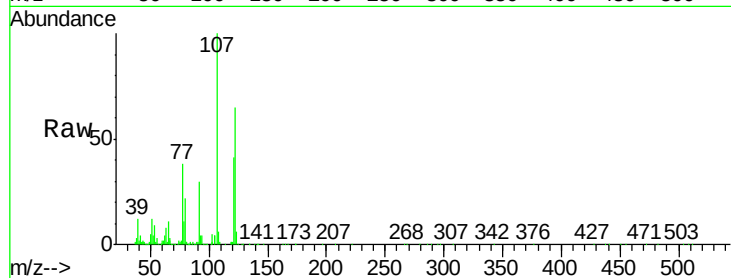




#24
2,4-Dimethylphenol
Concen: 20.37 ng/ul
RT: 10.13 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BG022852.D
Acq: 5 Jul 2016 15:57

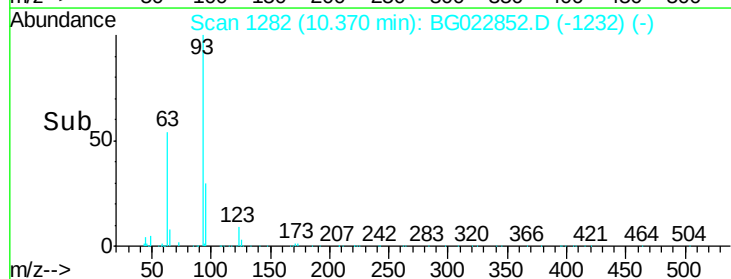
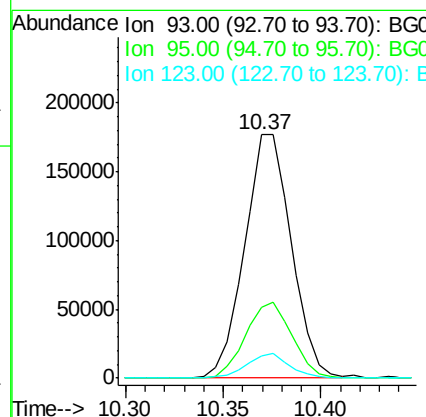
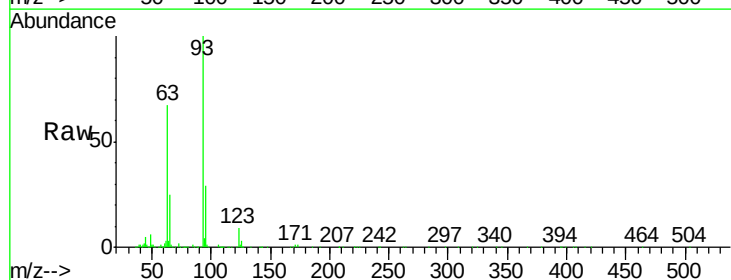
Instrument :
BNA_G
ClientSampleId :
SSTD02021

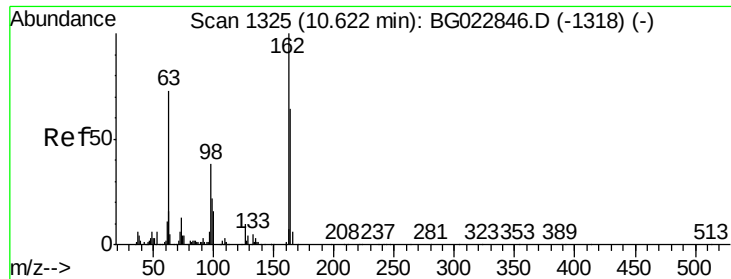
Tgt Ion: 107 Resp: 284280
Ion Ratio Lower Upper
107 100
121 41.2 43.7 65.5#
122 65.5 70.3 105.5#



#25
Bis(2-Chloroethoxy)methane
Concen: 19.89 ng/ul
RT: 10.37 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BG022852.D
Acq: 5 Jul 2016 15:57

Tgt Ion: 93 Resp: 293191
Ion Ratio Lower Upper
93 100
95 28.9 26.0 39.0
123 9.2 10.1 15.1#

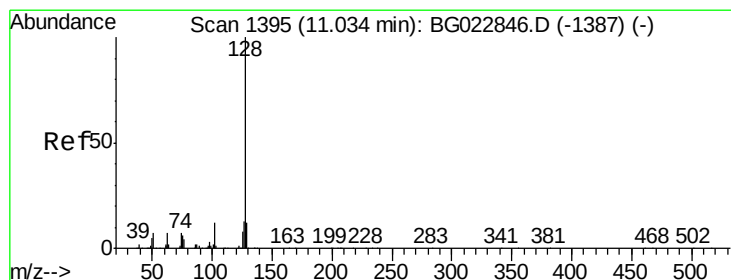
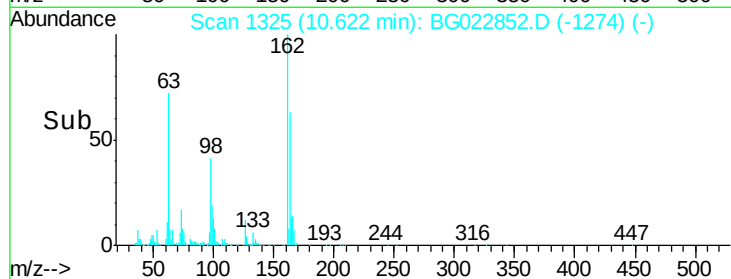
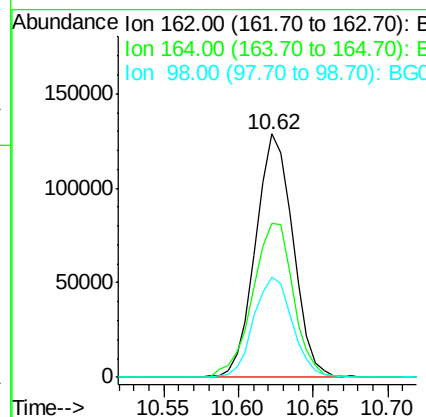
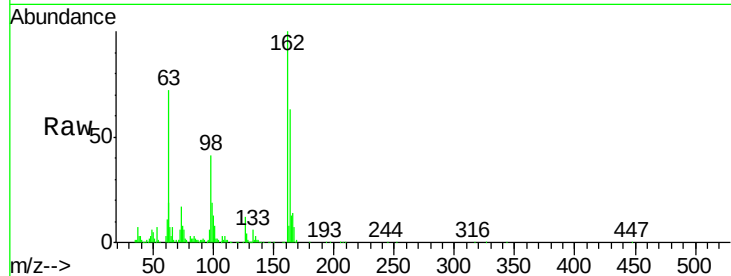




#27
 2,4-Dichlorophenol
 Concen: 19.33 ng/ul
 RT: 10.62 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: BG022852.D
 Acq: 5 Jul 2016 15:57

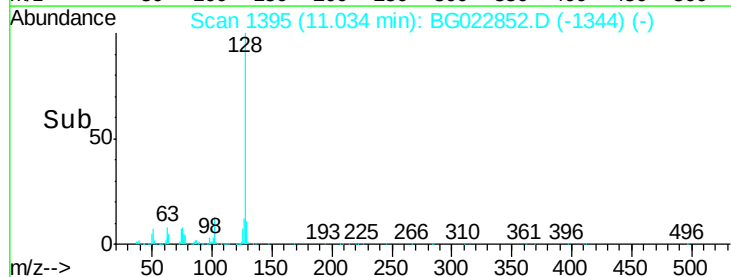
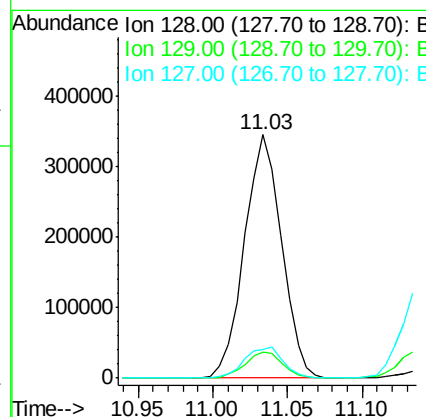
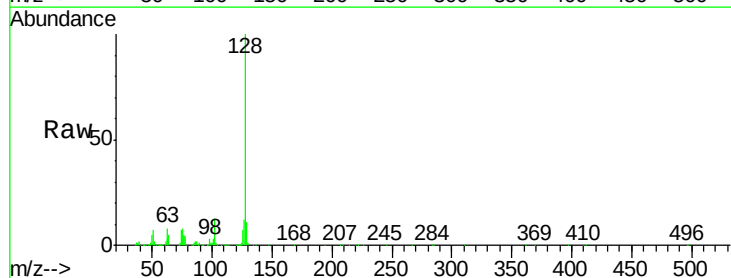
Instrument :
 BNA_G
 ClientSampleId :
 SST02021

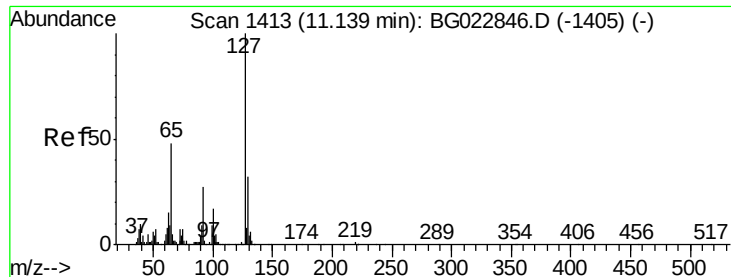
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.0	51.6	77.4
98	40.9	28.3	42.5



#28
 Naphthalene
 Concen: 20.39 ng/ul
 RT: 11.03 min Scan# 1395
 Delta R.T. -0.00 min
 Lab File: BG022852.D
 Acq: 5 Jul 2016 15:57

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.4	14.2
127	11.9	11.2	16.8

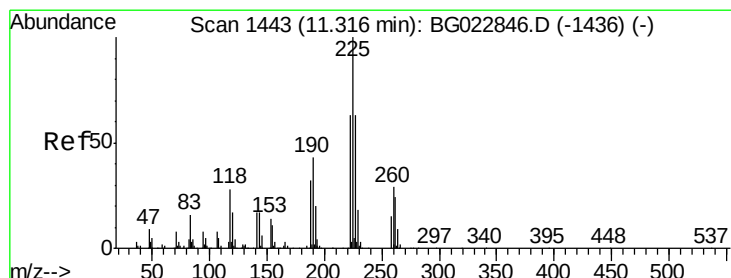
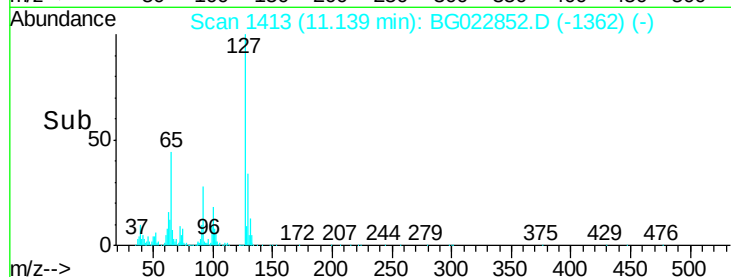
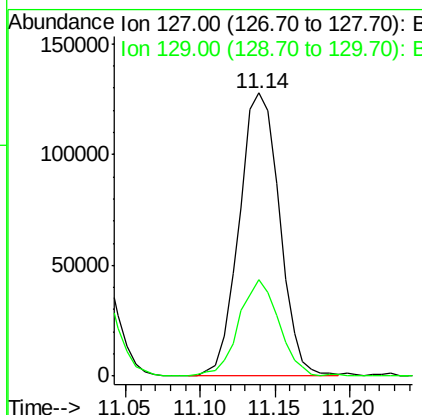
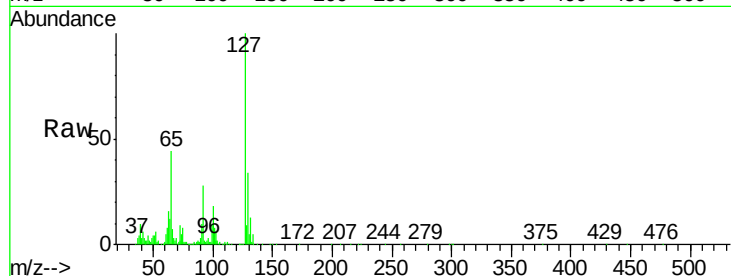




#30
4-Chloroaniline
Concen: 24.15 ng/ul
RT: 11.14 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BG022852.D
Acq: 5 Jul 2016 15:57

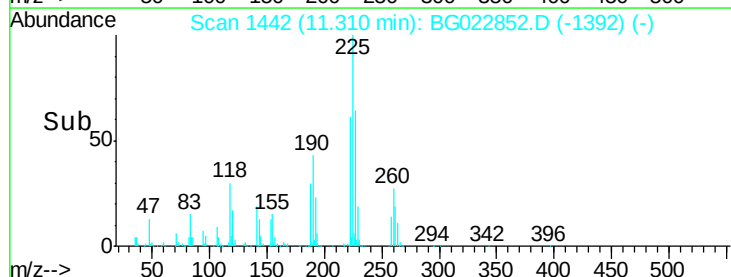
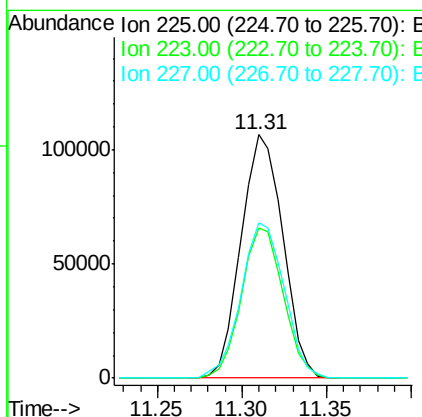
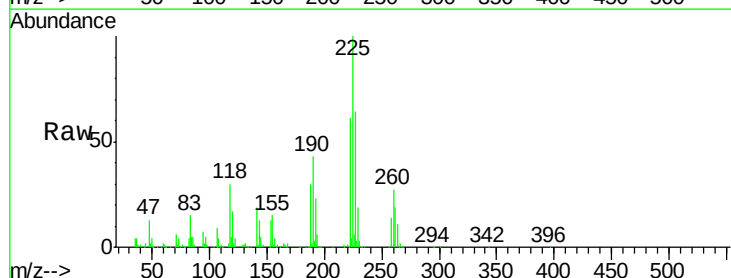
Instrument :
BNA_G
ClientSampleId :
SSTD02021

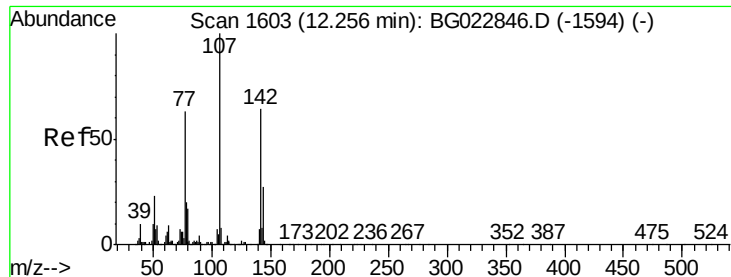
Tgt Ion:127 Resp: 239904
Ion Ratio Lower Upper
127 100
129 33.9 26.9 40.3



#31
Hexachlorobutadiene
Concen: 20.69 ng/ul
RT: 11.31 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BG022852.D
Acq: 5 Jul 2016 15:57

Tgt Ion:225 Resp: 183978
Ion Ratio Lower Upper
225 100
223 61.4 54.7 82.1
227 66.2 52.2 78.4

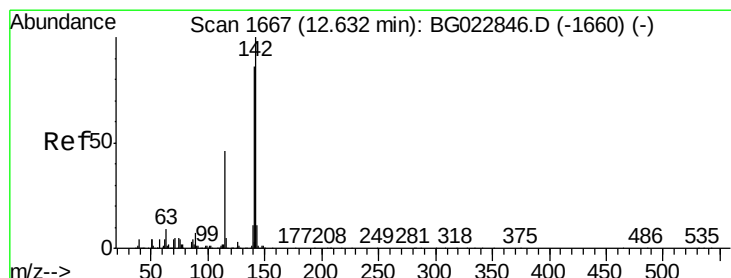
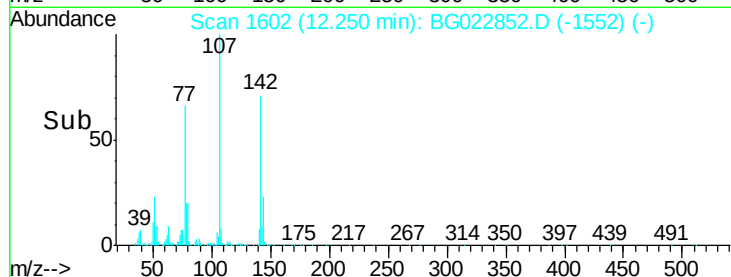
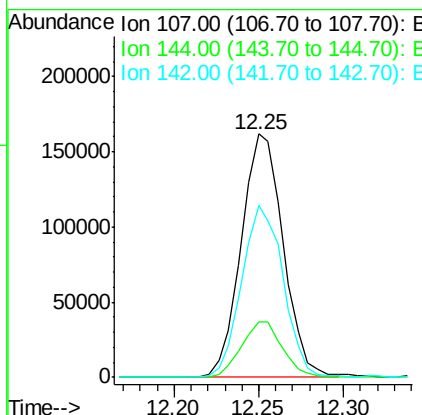
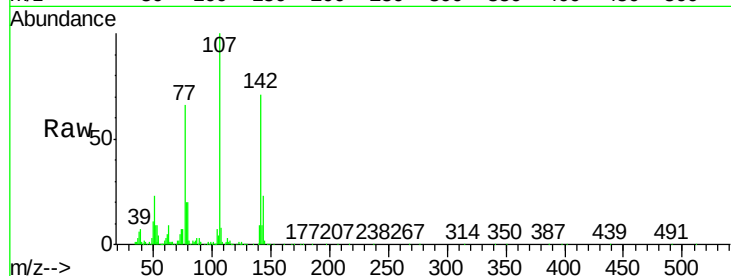




#33
 4-Chloro-3-methylphenol
 Concen: 19.13 ng/ul
 RT: 12.25 min Scan# 1602
 Delta R.T. -0.01 min
 Lab File: BG022852.D
 Acq: 5 Jul 2016 15:57

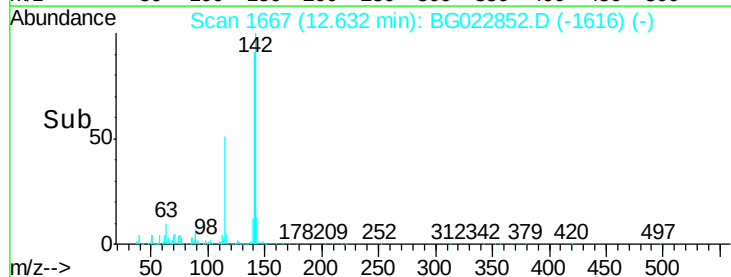
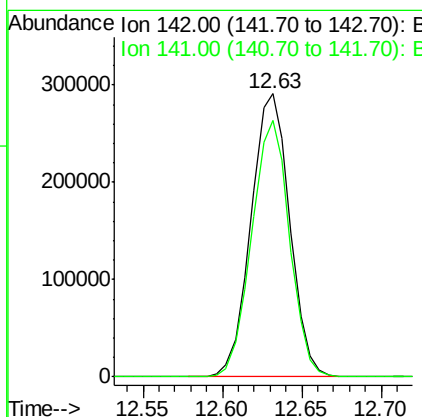
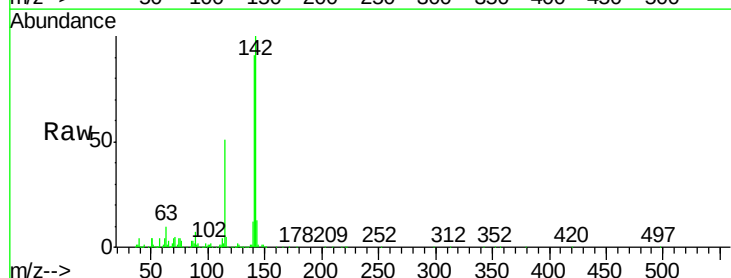
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02021

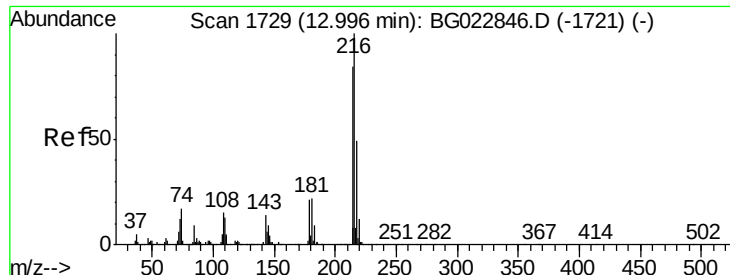
Tgt Ion:107 Resp: 279378
 Ion Ratio Lower Upper
 107 100
 144 22.8 22.7 34.1
 142 70.7 71.6 107.4#



#34
 2-Methylnaphthalene
 Concen: 20.46 ng/ul
 RT: 12.63 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: BG022852.D
 Acq: 5 Jul 2016 15:57

Tgt Ion:142 Resp: 494283
 Ion Ratio Lower Upper
 142 100
 141 90.6 75.2 112.8

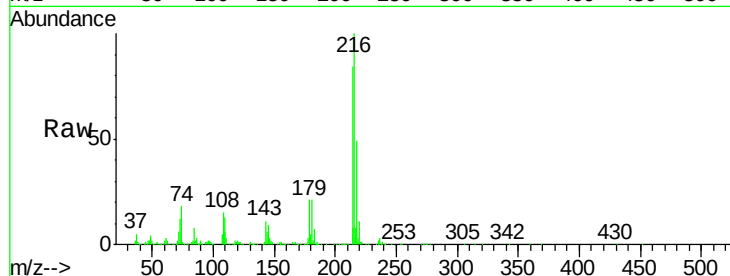




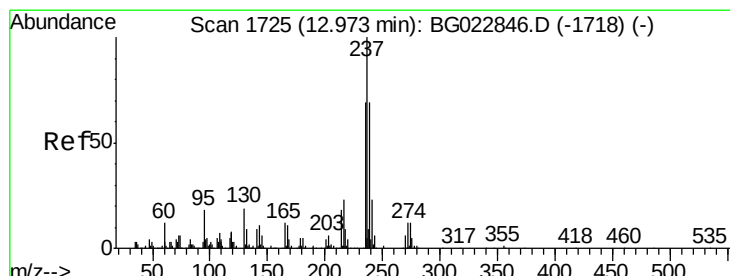
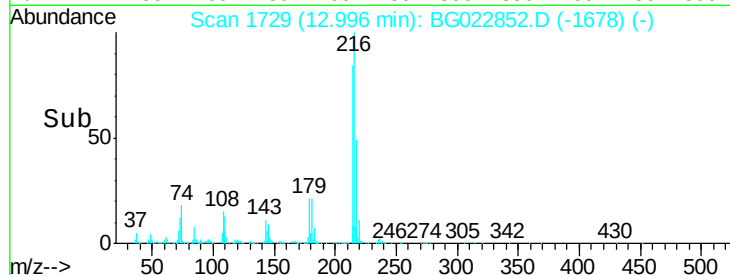
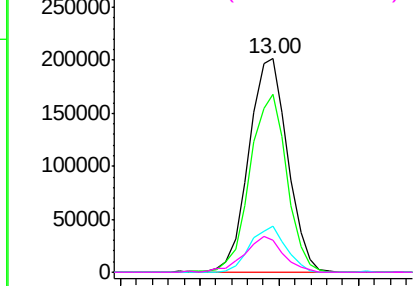
#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 20.05 ng/ul
 RT: 13.00 min Scan# 1729
 Delta R.T. -0.00 min
 Lab File: BG022852.D
 Acq: 5 Jul 2016 15:57

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02021

Tgt Ion:	216	Resp:	341432
Ion	Ratio	Lower	Upper
216	100		
214	83.6	61.7	92.5
179	21.5	17.0	25.4
108	14.8	14.2	21.2

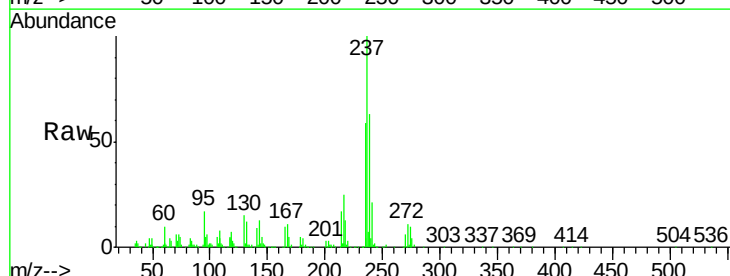


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

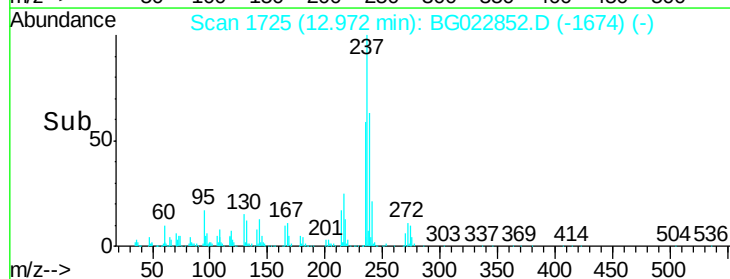
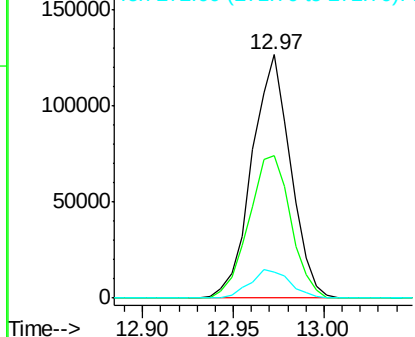


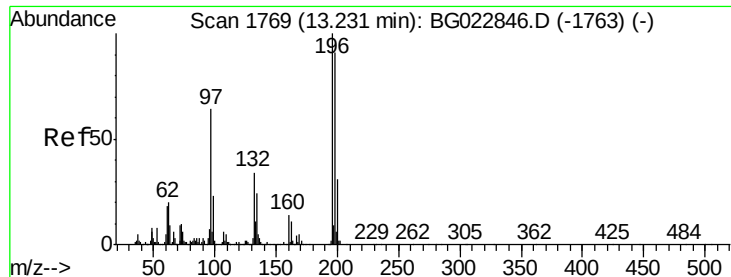
#37
 Hexachlorocyclopentadiene
 Concen: 18.26 ng/ul
 RT: 12.97 min Scan# 1725
 Delta R.T. -0.00 min
 Lab File: BG022852.D
 Acq: 5 Jul 2016 15:57

Tgt Ion:	237	Resp:	187708
Ion	Ratio	Lower	Upper
237	100		
235	58.5	49.6	74.4
272	10.5	9.3	13.9



Abundance Ion 237.00 (236.70 to 237.70): E
 Ion 235.00 (234.70 to 235.70): E
 Ion 272.00 (271.70 to 272.70): E

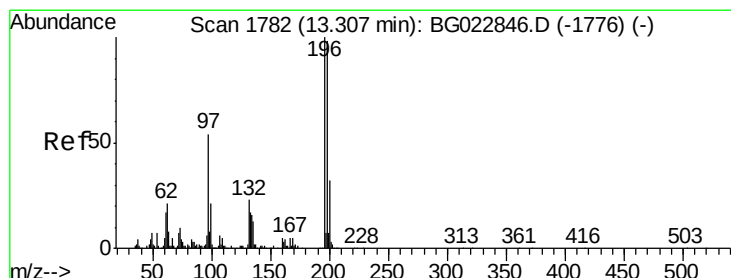
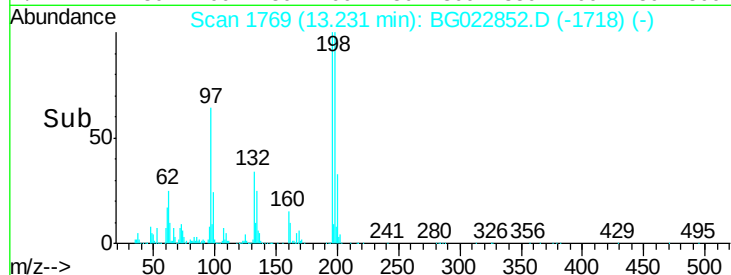
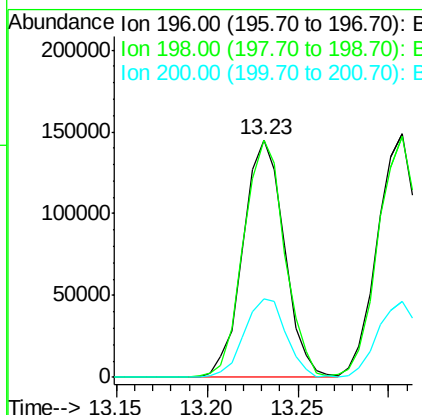
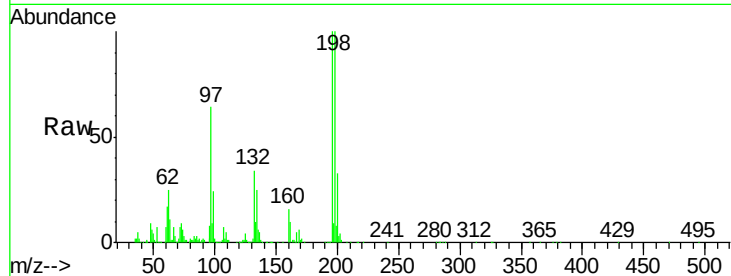




#38
 2,4,6-Trichlorophenol
 Concen: 19.58 ng/ul
 RT: 13.23 min Scan# 1769
 Delta R.T. -0.00 min
 Lab File: BG022852.D
 Acq: 5 Jul 2016 15:57

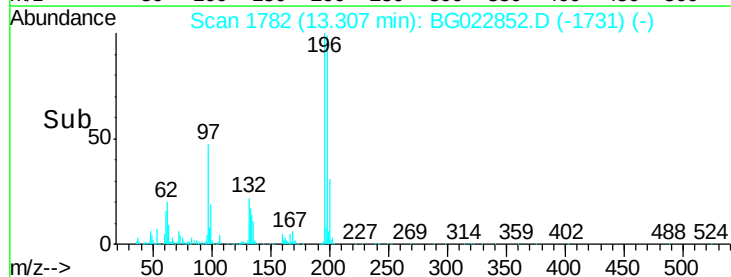
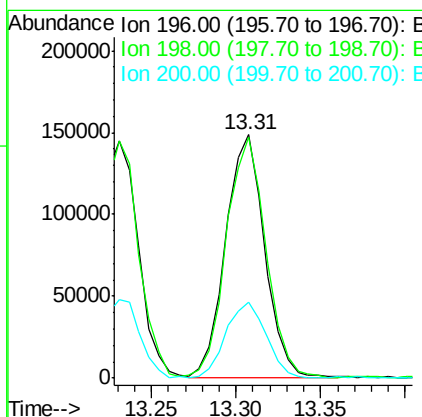
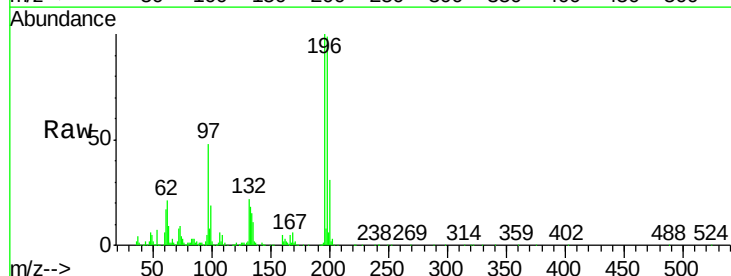
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02021

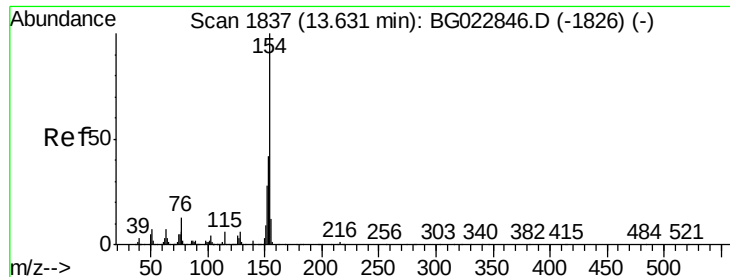
Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.1	77.4	116.0
200	32.9	26.6	39.8



#39
 2,4,5-Trichlorophenol
 Concen: 19.30 ng/ul
 RT: 13.31 min Scan# 1782
 Delta R.T. -0.00 min
 Lab File: BG022852.D
 Acq: 5 Jul 2016 15:57

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.9	79.8	119.8
200	31.4	24.0	36.0

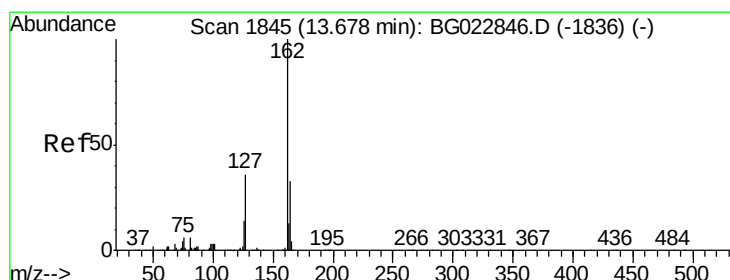
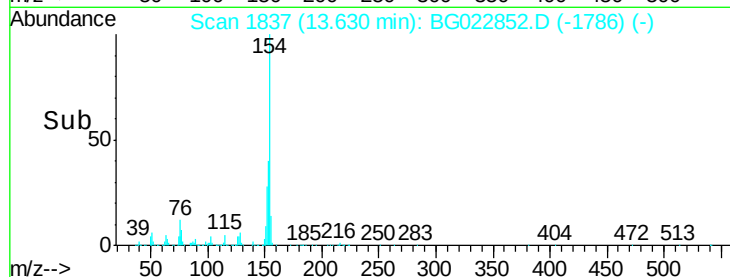
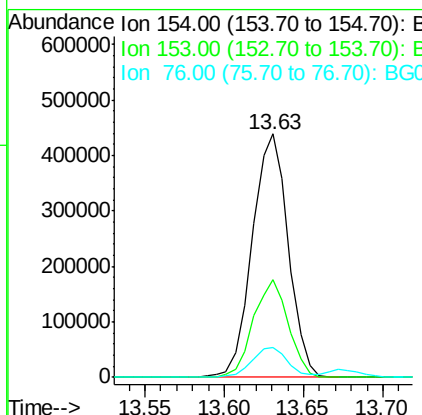
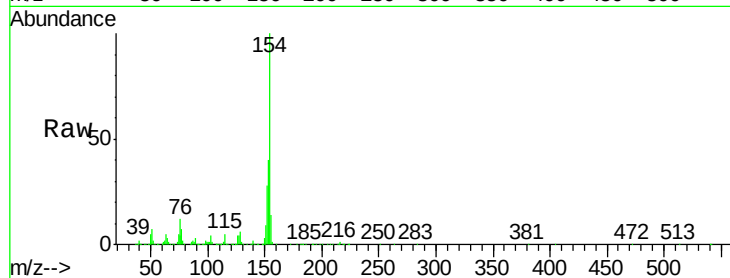




#40
1,1'-Biphenyl
Concen: 19.93 ng/ul
RT: 13.63 min Scan# 1837
Delta R.T. -0.00 min
Lab File: BG022852.D
Acq: 5 Jul 2016 15:57

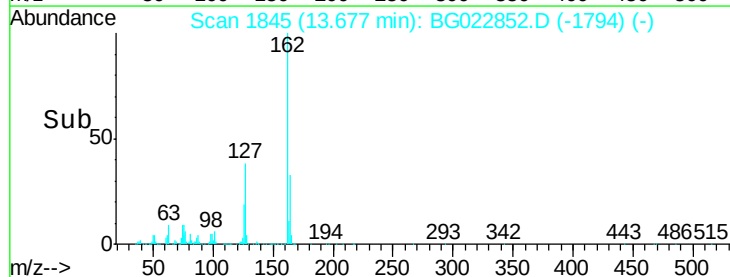
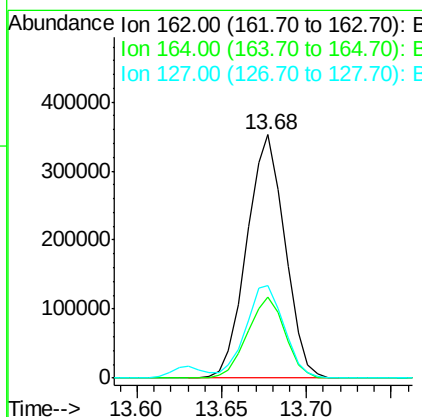
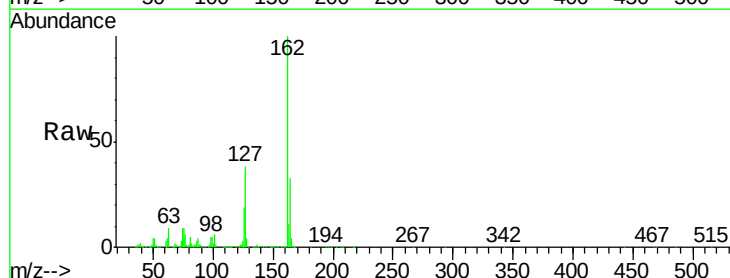
Instrument :
BNA_G
ClientSampled :
SSTD02021

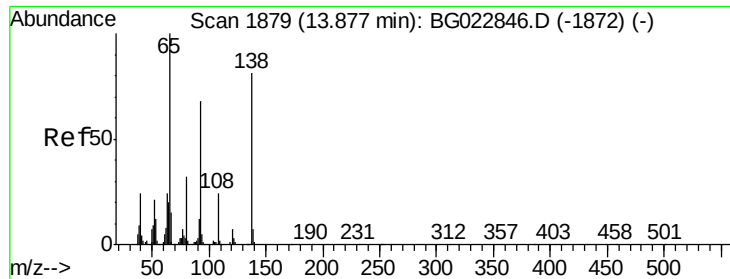
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	34.6	52.0
76	12.0	11.9	17.9



#41
2-Chloronaphthalene
Concen: 19.72 ng/ul
RT: 13.68 min Scan# 1845
Delta R.T. -0.00 min
Lab File: BG022852.D
Acq: 5 Jul 2016 15:57

Tgt Ion	Ratio	Lower	Upper
162	100		
164	33.1	25.4	38.2
127	38.0	30.2	45.4

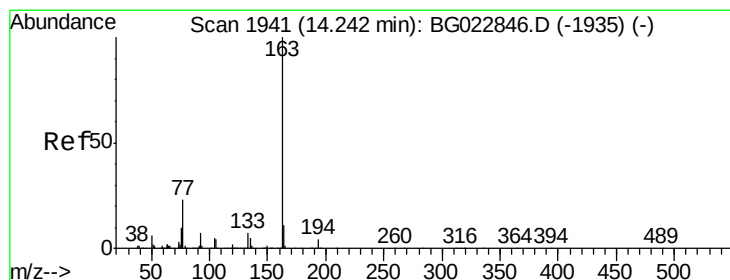
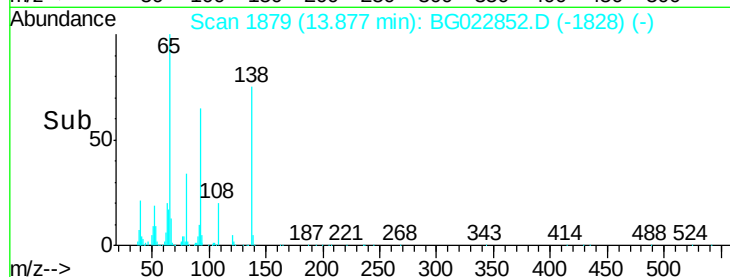
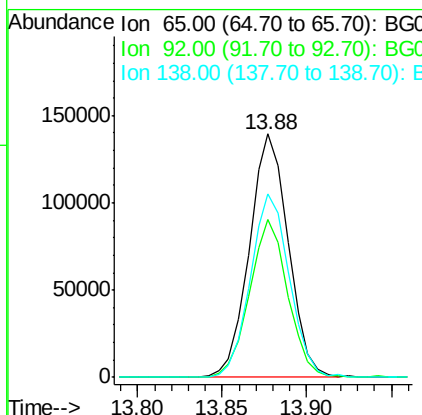
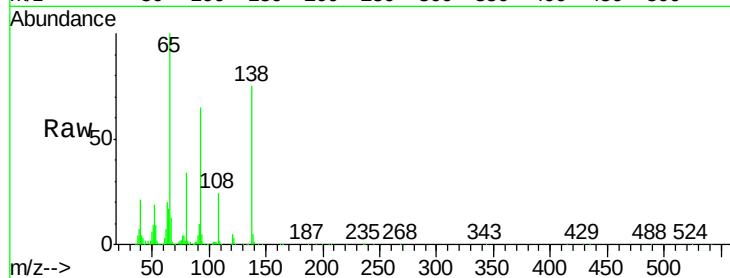




#42
2-Nitroaniline
Concen: 20.56 ng/ul
RT: 13.88 min Scan# 1879
Delta R.T. -0.00 min
Lab File: BG022852.D
Acq: 5 Jul 2016 15:57

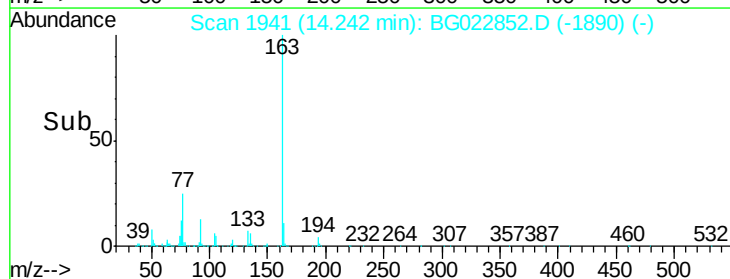
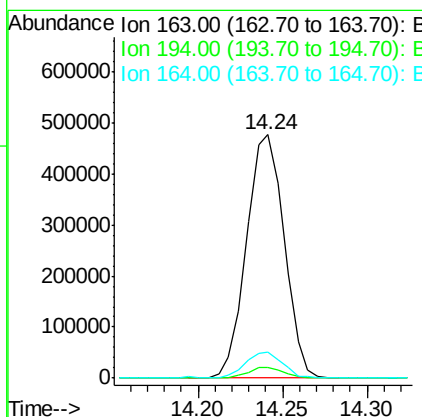
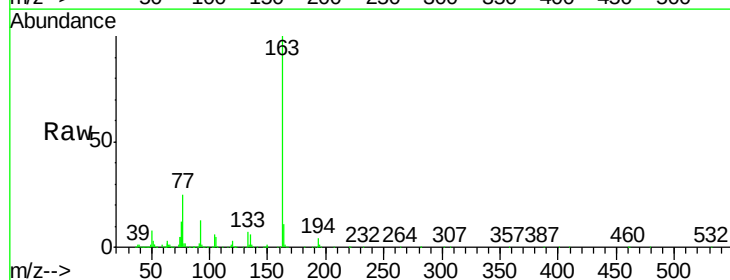
Instrument :
BNA_G
ClientSampleId :
SSTD02021

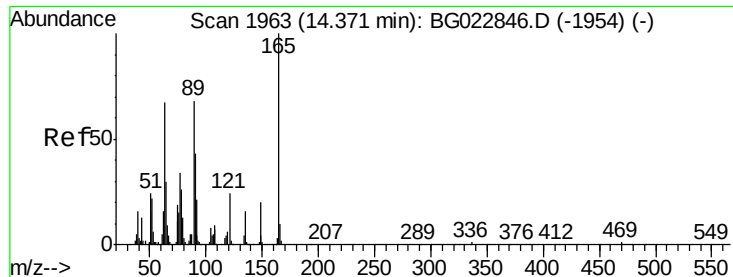
Tgt Ion: 65 Resp: 223037
Ion Ratio Lower Upper
65 100
92 65.0 67.1 100.7#
138 75.4 109.6 164.4#



#44
Dimethylphthalate
Concen: 19.59 ng/ul
RT: 14.24 min Scan# 1941
Delta R.T. -0.00 min
Lab File: BG022852.D
Acq: 5 Jul 2016 15:57

Tgt Ion: 163 Resp: 740117
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.2
164 10.6 8.8 13.2





#45

2,6-Dinitrotoluene

Concen: 19.39 ng/ul

RT: 14.36 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BG022852.D

Acq: 5 Jul 2016 15:57

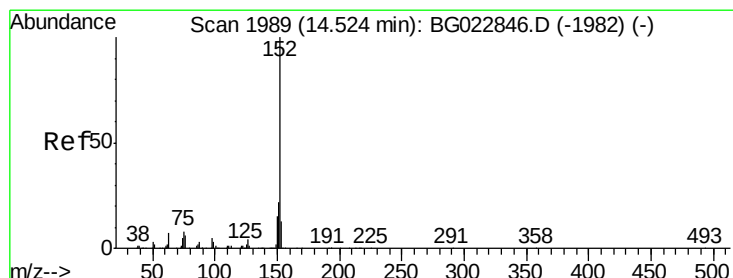
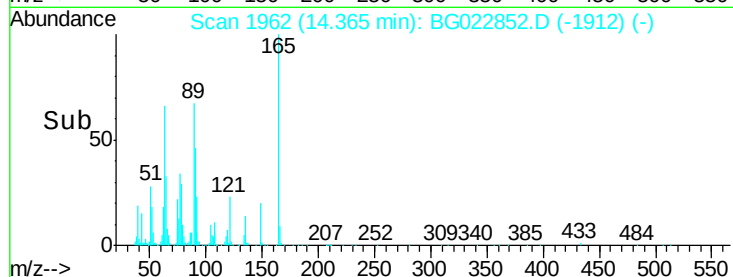
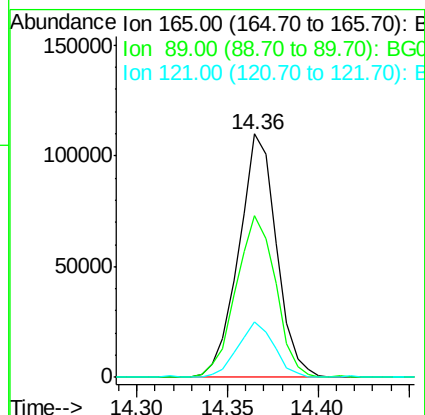
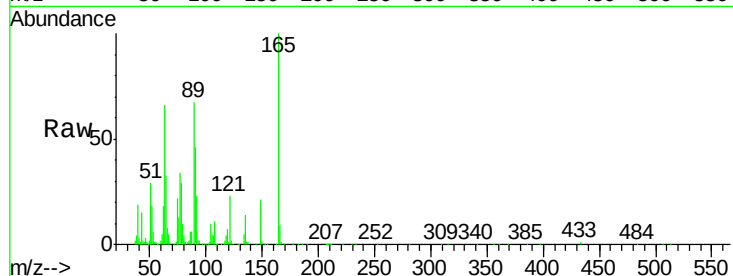
Instrument :

BNA_G

ClientSampled :

SSTD02021

Tgt Ion:	165	Resp:	158637
Ion Ratio	Lower	Upper	
165	100		
89	66.6	41.5	62.3#
121	22.7	17.0	25.4



#47

Acenaphthylene

Concen: 19.94 ng/ul

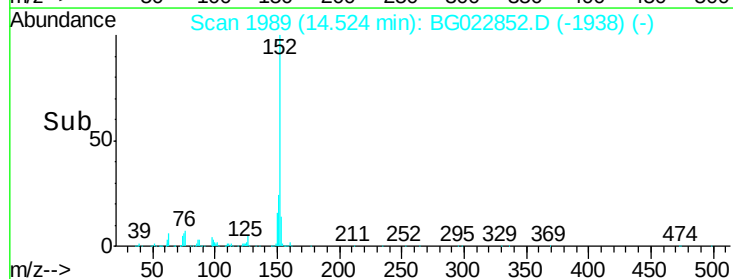
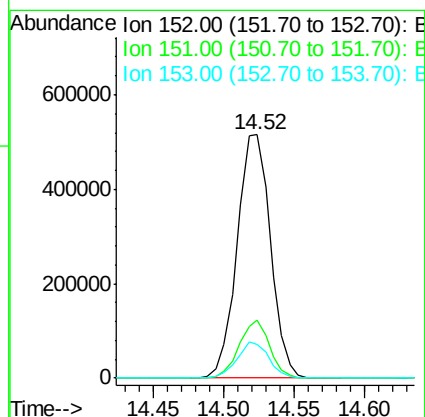
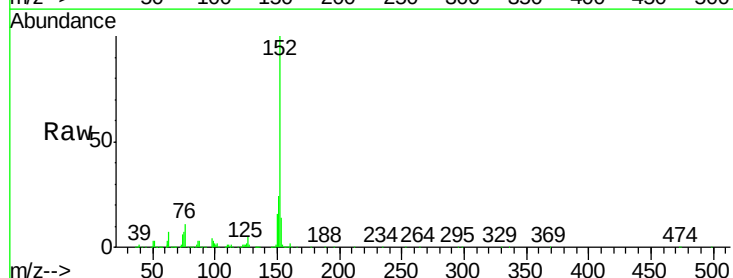
RT: 14.52 min Scan# 1989

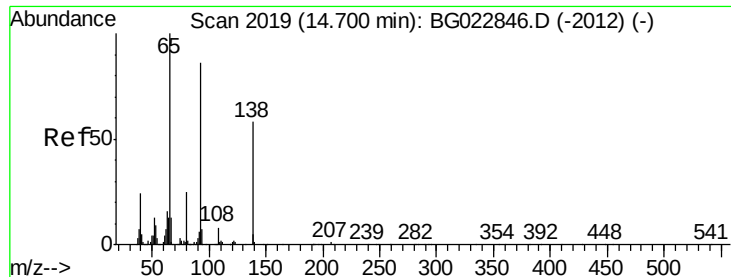
Delta R.T. -0.00 min

Lab File: BG022852.D

Acq: 5 Jul 2016 15:57

Tgt Ion:	152	Resp:	851475
Ion Ratio	Lower	Upper	
152	100		
151	24.0	17.5	26.3
153	13.9	11.1	16.7

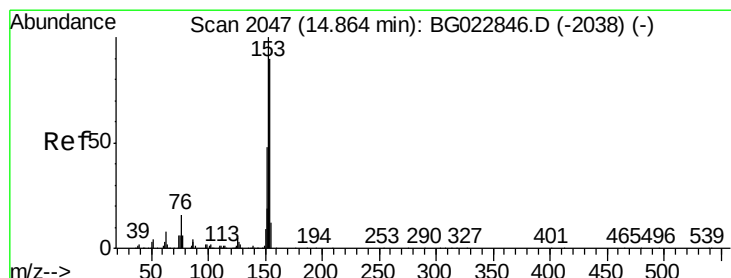
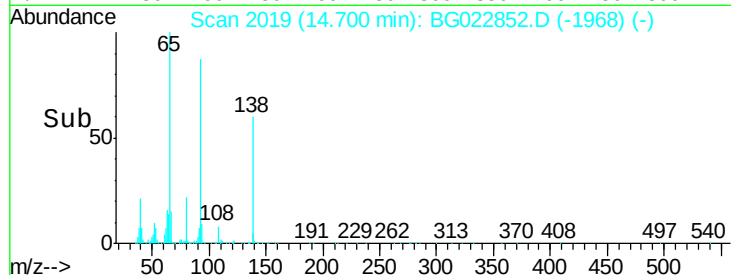
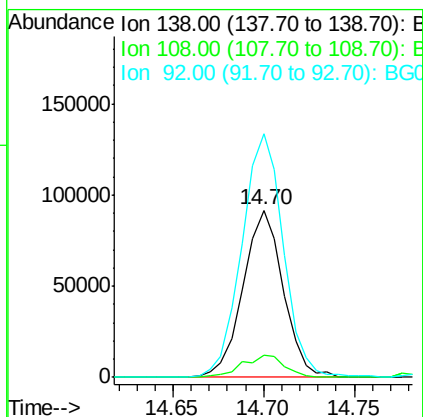
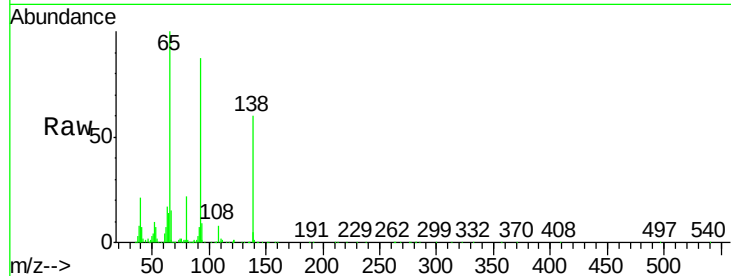




#48
 3-Nitroaniline
 Concen: 22.11 ng/ul
 RT: 14.70 min Scan# 2019
 Delta R.T. -0.00 min
 Lab File: BG022852.D
 Acq: 5 Jul 2016 15:57

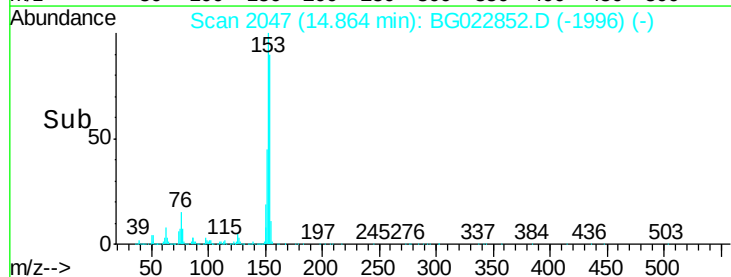
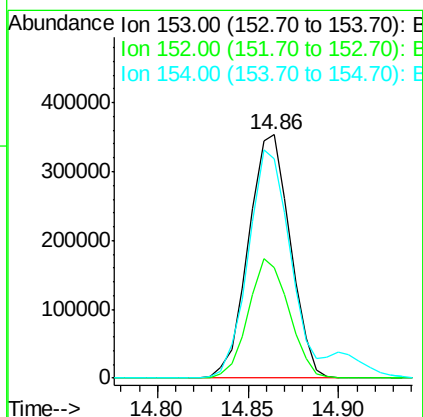
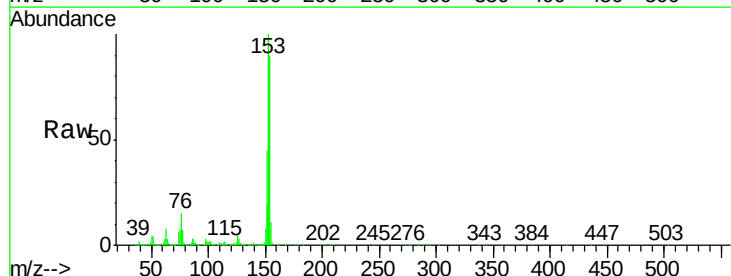
Instrument :
 BNA_G
 ClientSampleId :
 SST02021

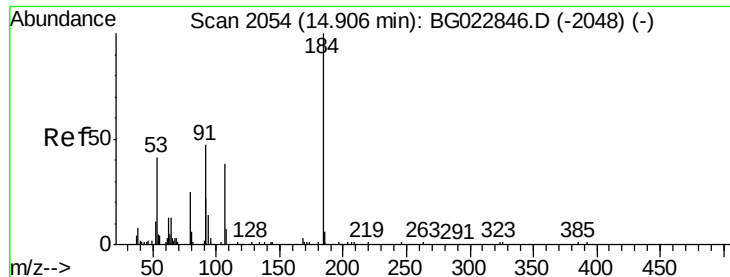
Tgt Ion:138 Resp: 141333
 Ion Ratio Lower Upper
 138 100
 108 12.9 6.2 9.2#
 92 145.5 79.3 118.9#



#49
 Acenaphthene
 Concen: 19.52 ng/ul
 RT: 14.86 min Scan# 2047
 Delta R.T. -0.00 min
 Lab File: BG022852.D
 Acq: 5 Jul 2016 15:57

Tgt Ion:153 Resp: 566280
 Ion Ratio Lower Upper
 153 100
 152 45.1 37.3 55.9
 154 90.2 68.2 102.2

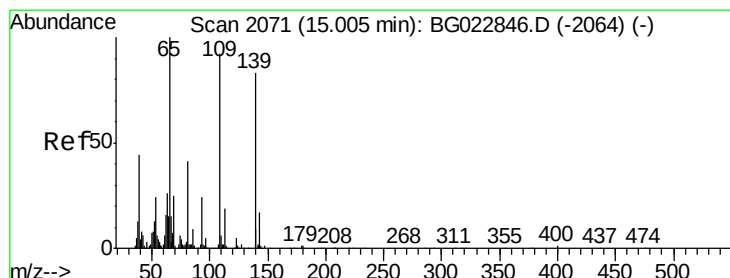
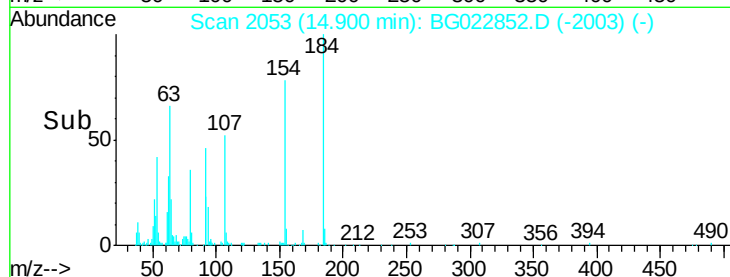
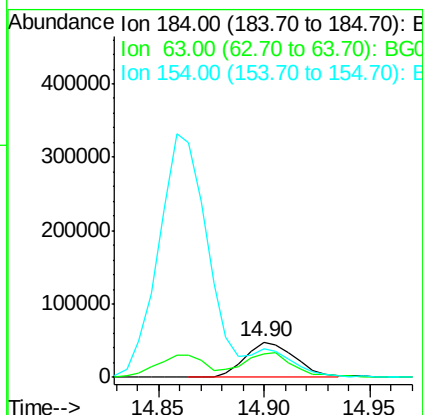
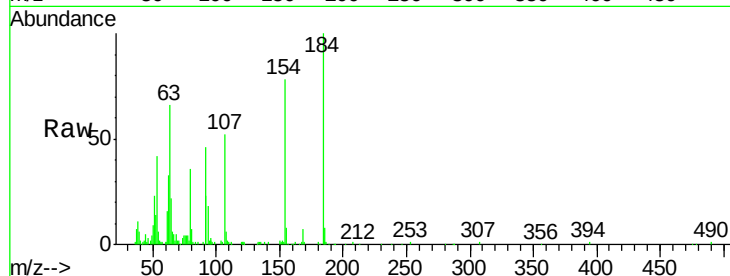




#50
2,4-Dinitrophenol
Concen: 17.29 ng/ul
RT: 14.90 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BG022852.D
Acq: 5 Jul 2016 15:57

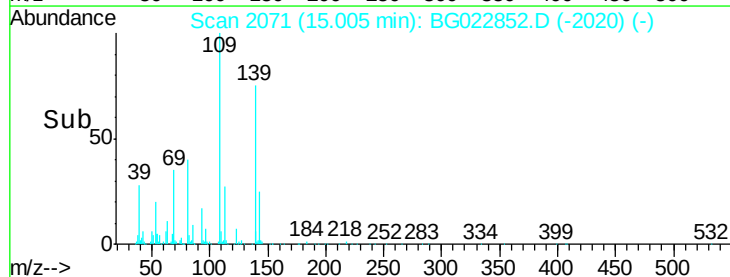
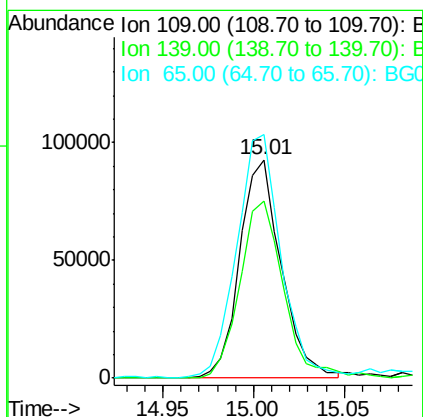
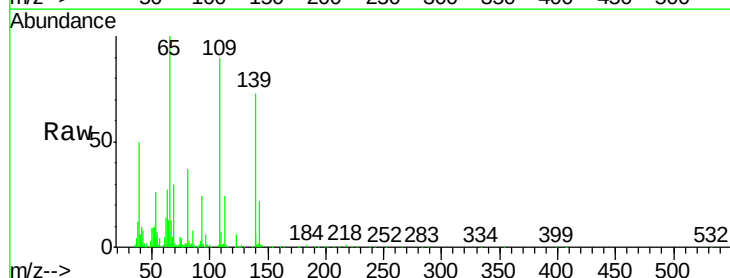
Instrument :
BNA_G
ClientSampleId :
SSTD02021

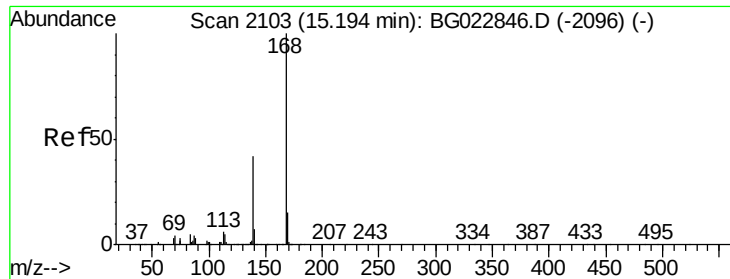
Tgt Ion:184 Resp: 78578
Ion Ratio Lower Upper
184 100
63 65.6 40.5 60.7#
154 78.5 48.5 72.7#



#52
4-Nitrophenol
Concen: 20.08 ng/ul
RT: 15.01 min Scan# 2071
Delta R.T. -0.00 min
Lab File: BG022852.D
Acq: 5 Jul 2016 15:57

Tgt Ion:109 Resp: 148379
Ion Ratio Lower Upper
109 100
139 80.8 136.1 204.1#
65 111.4 106.0 159.0





#53

Dibenzenofuran

Concen: 19.80 ng/ul

RT: 15.19 min Scan# 2103

Delta R.T. -0.00 min

Lab File: BG022852.D

Acq: 5 Jul 2016 15:57

Instrument :

BNA_G

ClientSampleId :

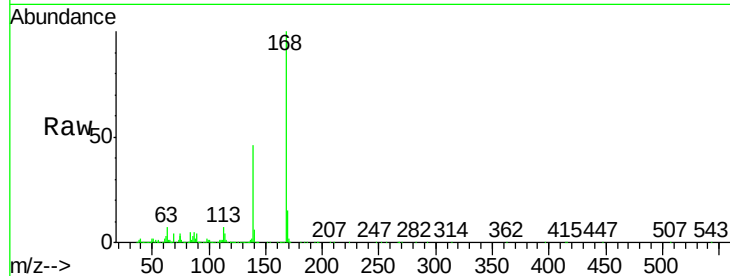
SSTD02021

Tgt Ion:168 Resp: 887283

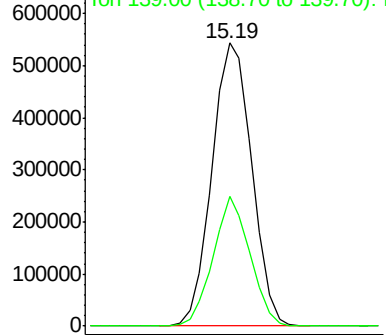
Ion Ratio Lower Upper

168 100

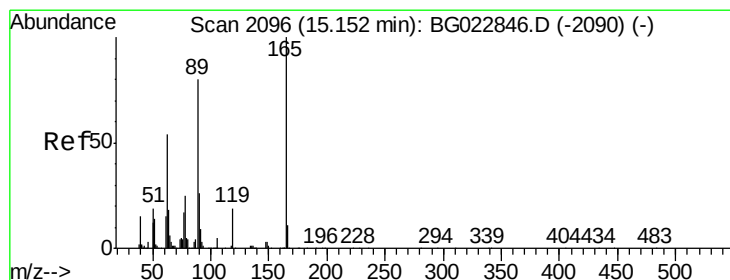
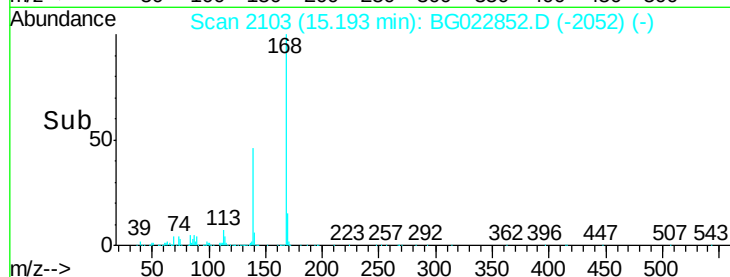
139 45.8 27.4 41.0#



Abundance Ion 168.00 (167.70 to 168.70): E



Time-->



#54

2,4-Dinitrotoluene

Concen: 19.44 ng/ul

RT: 15.15 min Scan# 2096

Delta R.T. -0.00 min

Lab File: BG022852.D

Acq: 5 Jul 2016 15:57

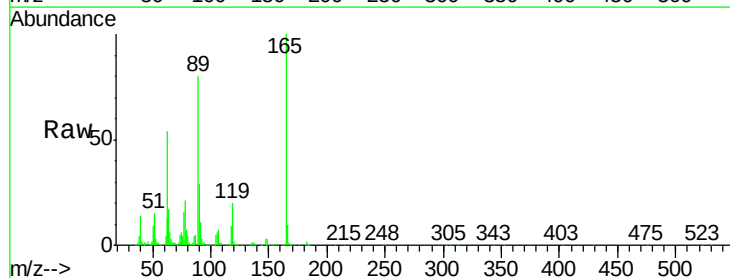
Tgt Ion:165 Resp: 230010

Ion Ratio Lower Upper

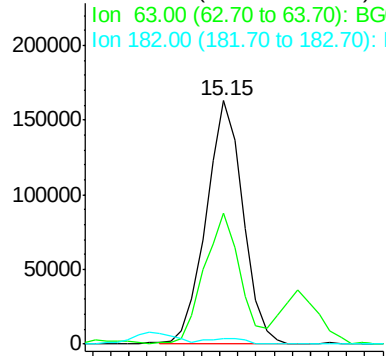
165 100

63 54.0 25.7 38.5#

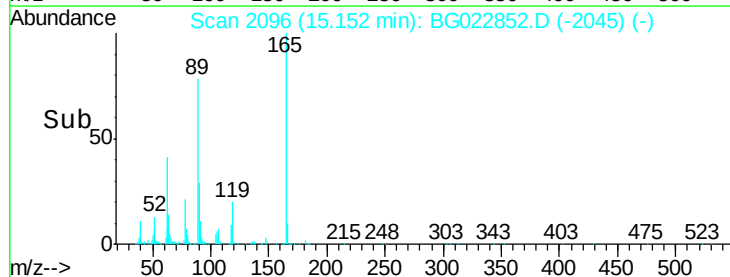
182 2.1 2.1 3.1

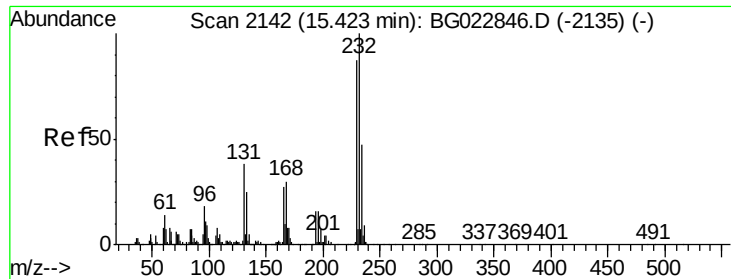


Abundance Ion 165.00 (164.70 to 165.70): E



Time-->

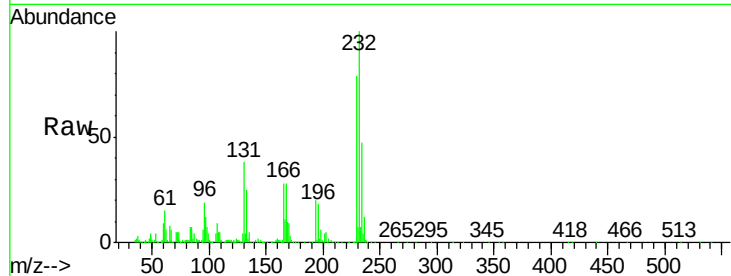




#55
 2,3,4,6-Tetrachlorophenol
 Concen: 19.05 ng/ul
 RT: 15.42 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: BG022852.D
 Acq: 5 Jul 2016 15:57

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02021

Tgt Ion	Ratio	Lower	Upper
232	100		
131	38.1	34.8	52.2
130	3.6	2.2	3.2#
166	28.1	23.8	35.6

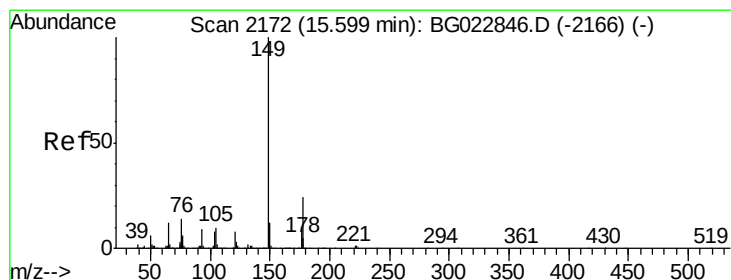
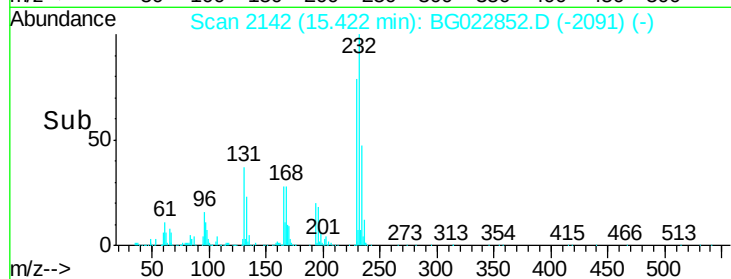
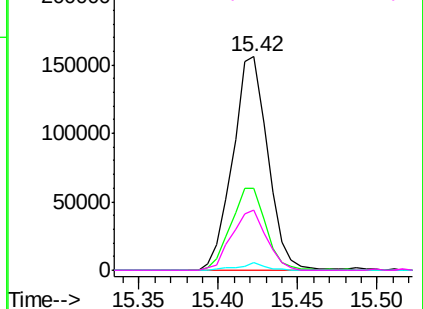


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

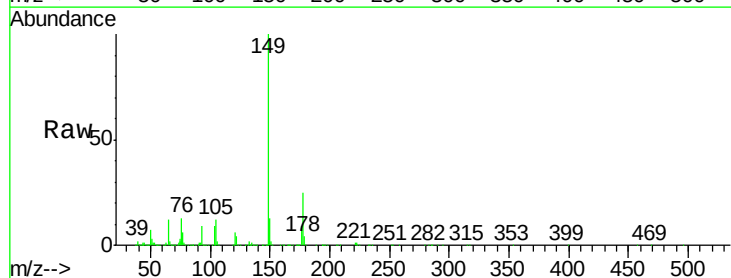
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#56
 Diethylphthalate
 Concen: 19.87 ng/ul
 RT: 15.60 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: BG022852.D
 Acq: 5 Jul 2016 15:57

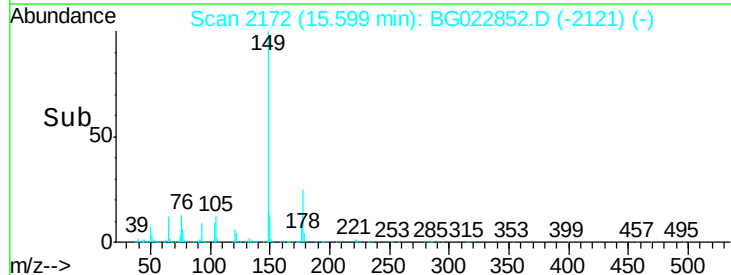
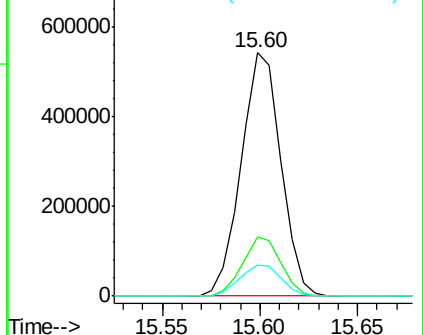
Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.6	17.4	26.2
150	12.8	9.6	14.4

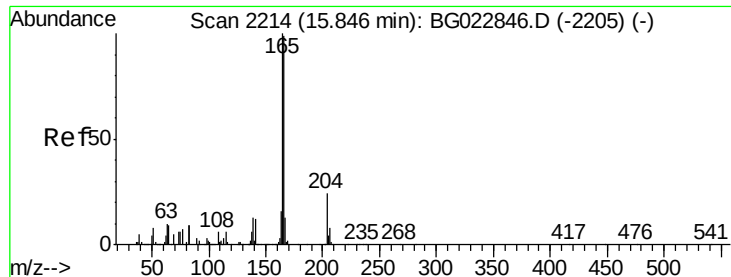


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#58

Fluorene

Concen: 19.64 ng/ul

RT: 15.85 min Scan# 2214

Delta R.T. -0.00 min

Lab File: BG022852.D

Acq: 5 Jul 2016 15:57

Instrument :

BNA_G

ClientSampleId :

SSTD02021

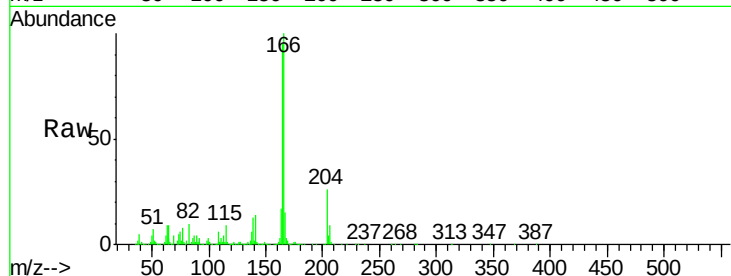
Tgt Ion:166 Resp: 707395

Ion Ratio Lower Upper

166 100

165 94.9 80.3 120.5

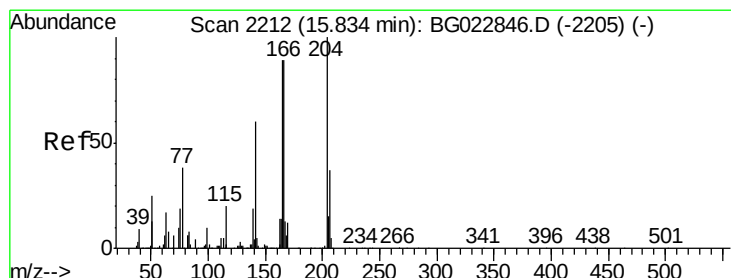
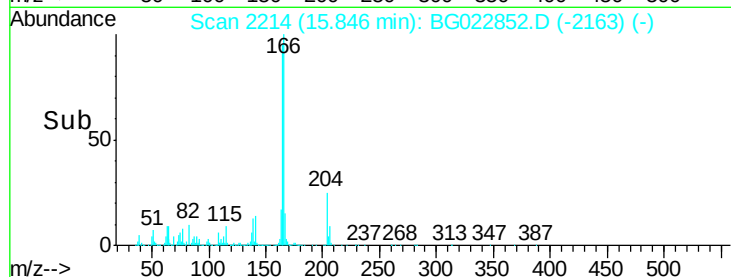
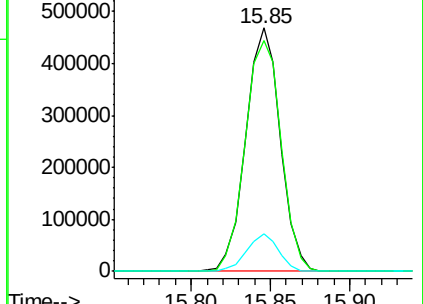
167 15.2 10.3 15.5



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

4-Chlorophenyl-phenylether

Concen: 19.30 ng/ul

RT: 15.83 min Scan# 2212

Delta R.T. -0.00 min

Lab File: BG022852.D

Acq: 5 Jul 2016 15:57

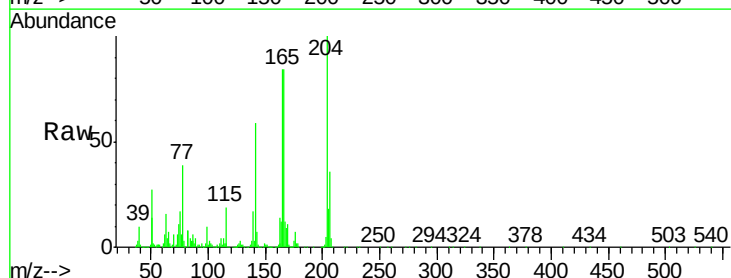
Tgt Ion:204 Resp: 416205

Ion Ratio Lower Upper

204 100

206 35.9 27.4 41.2

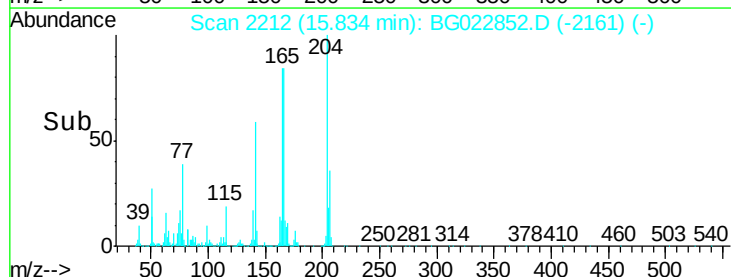
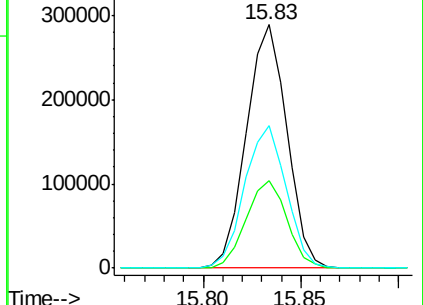
141 58.7 47.1 70.7

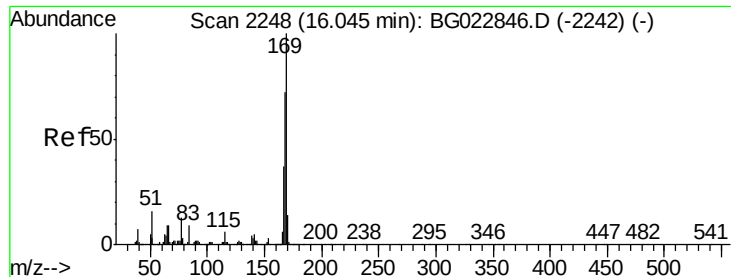


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#64

N-Nitrosodiphenylamine

Concen: 21.30 ng/ul

RT: 16.05 min Scan# 2248

Delta R.T. -0.00 min

Lab File: BG022852.D

Acq: 5 Jul 2016 15:57

Instrument :

BNA_G

ClientSampleId :

SSTD02021

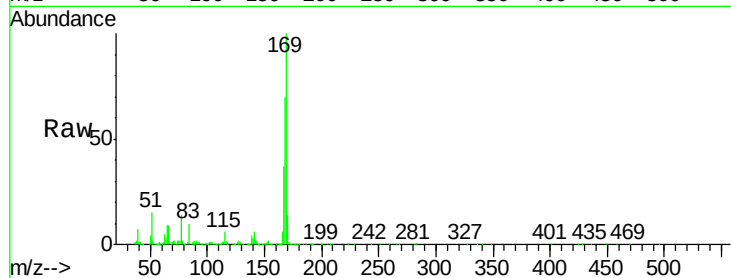
Tgt Ion:169 Resp: 650543

Ion Ratio Lower Upper

169 100

168 69.6 59.0 88.6

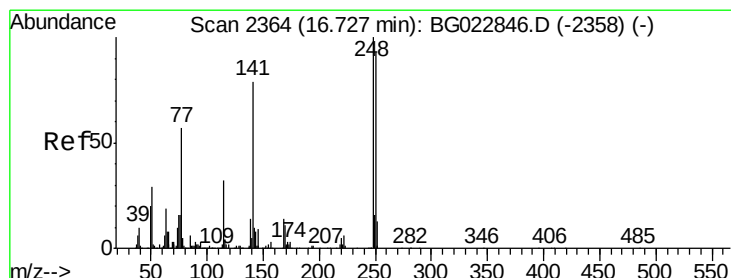
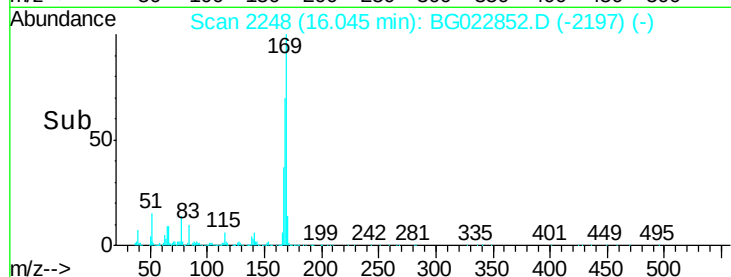
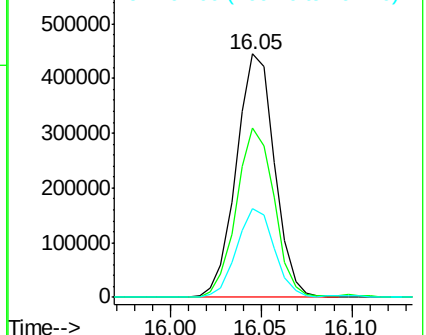
167 36.7 30.6 46.0



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



#65

4-Bromophenyl-phenylether

Concen: 21.01 ng/ul

RT: 16.73 min Scan# 2365

Delta R.T. 0.01 min

Lab File: BG022852.D

Acq: 5 Jul 2016 15:57

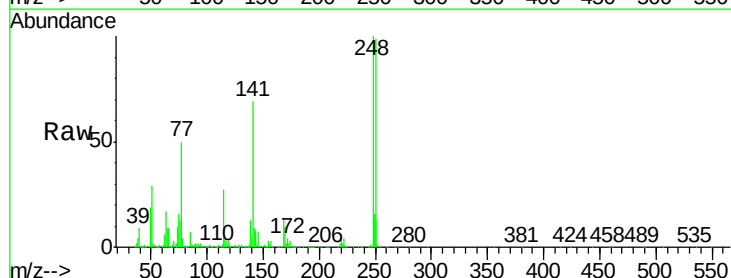
Tgt Ion:248 Resp: 291383

Ion Ratio Lower Upper

248 100

250 99.2 76.6 114.8

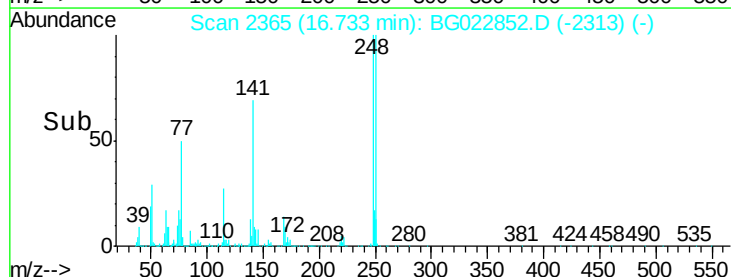
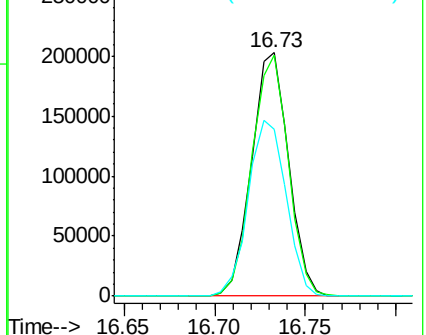
141 68.6 61.8 92.6

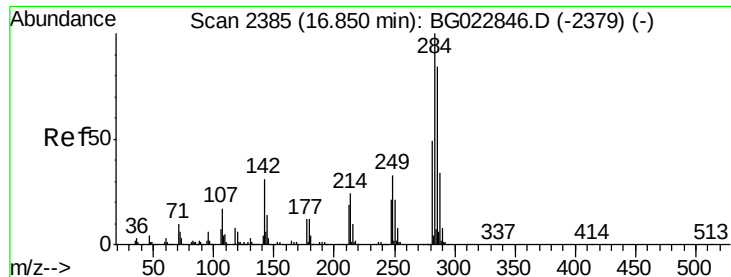


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#66

Hexachlorobenzene

Concen: 21.12 ng/ul

RT: 16.85 min Scan# 2385

Delta R.T. -0.00 min

Lab File: BG022852.D

Acq: 5 Jul 2016 15:57

Instrument :

BNA_G

ClientSampled :

SSTD02021

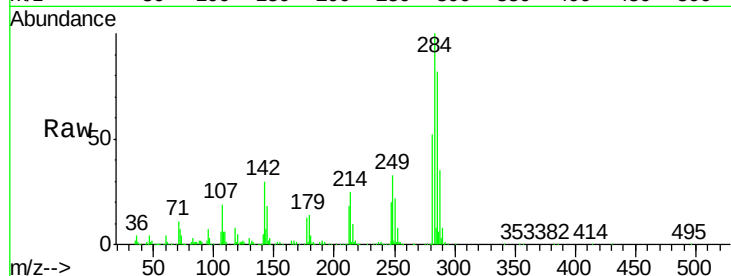
Tgt Ion:284 Resp: 310089

Ion Ratio Lower Upper

284 100

142 29.6 27.8 41.8

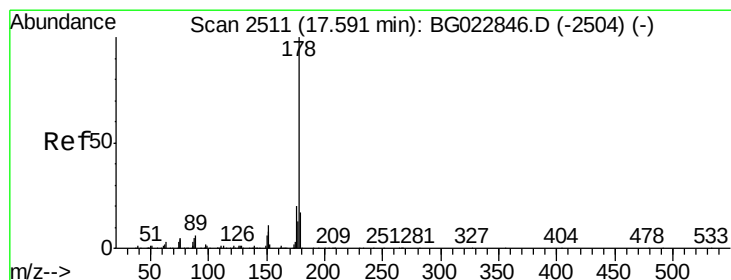
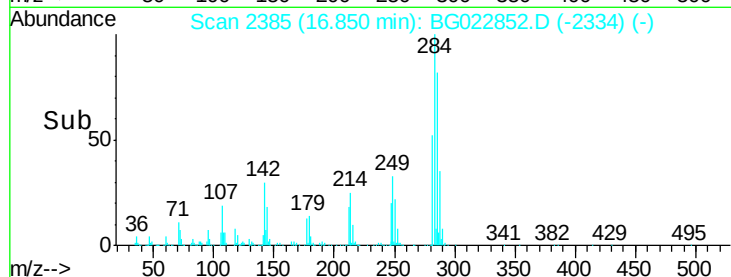
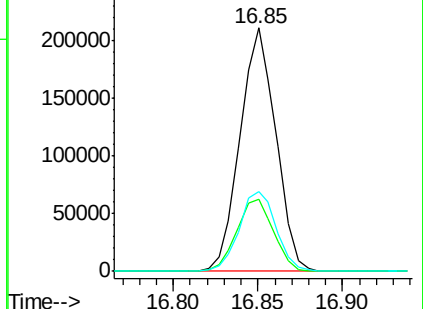
249 32.9 24.4 36.6



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



#69

Phenanthrene

Concen: 22.27 ng/ul

RT: 17.68 min Scan# 2527

Delta R.T. 0.09 min

Lab File: BG022852.D

Acq: 5 Jul 2016 15:57

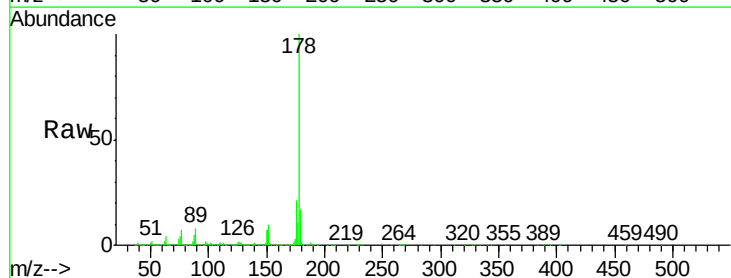
Tgt Ion:178 Resp: 1181459

Ion Ratio Lower Upper

178 100

179 16.7 12.9 19.3

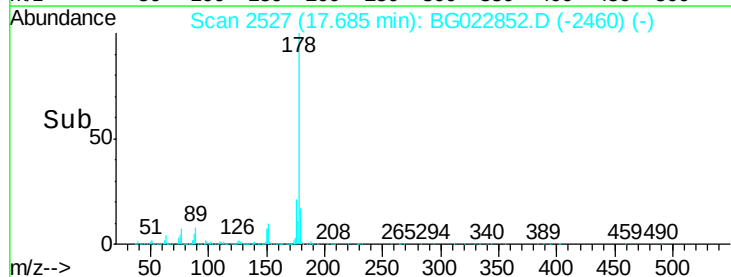
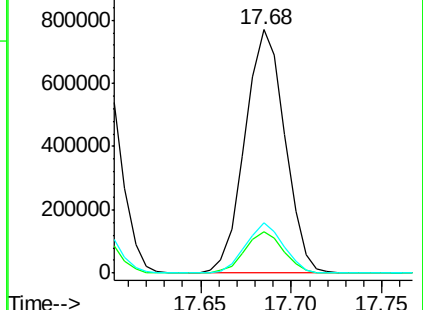
176 20.8 15.8 23.8

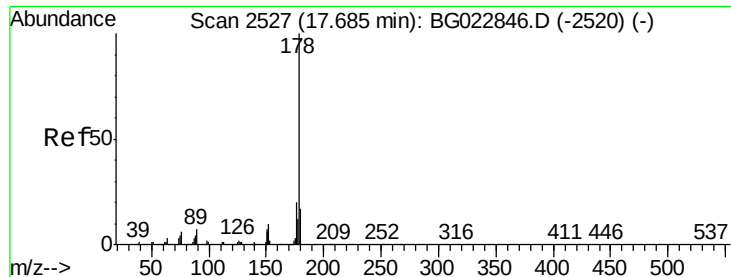


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#71

Anthracene

Concen: 21.68 ng/ul

RT: 17.68 min Scan# 2527

Delta R.T. -0.00 min

Lab File: BG022852.D

Acq: 5 Jul 2016 15:57

Instrument :

BNA_G

ClientSampleId :

SSTD02021

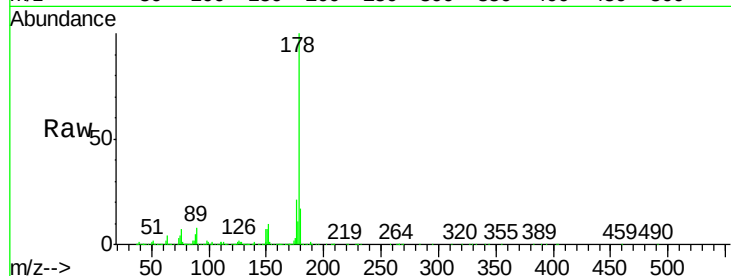
Tgt Ion:178 Resp: 1181459

Ion Ratio Lower Upper

178 100

179 16.7 12.3 18.5

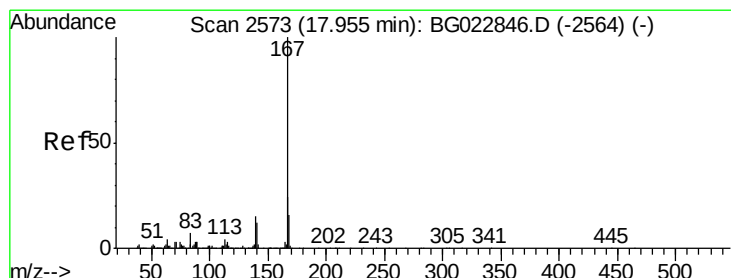
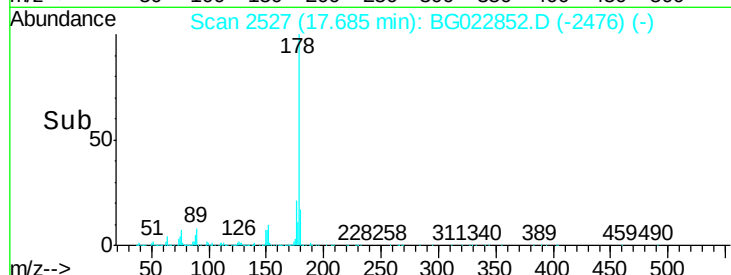
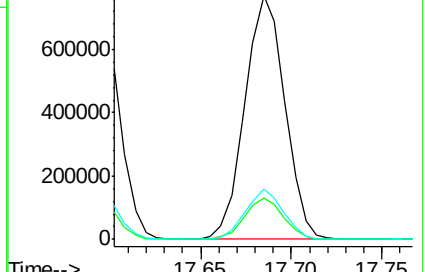
176 20.8 16.3 24.5



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

Carbazole

Concen: 23.60 ng/ul

RT: 17.95 min Scan# 2573

Delta R.T. -0.00 min

Lab File: BG022852.D

Acq: 5 Jul 2016 15:57

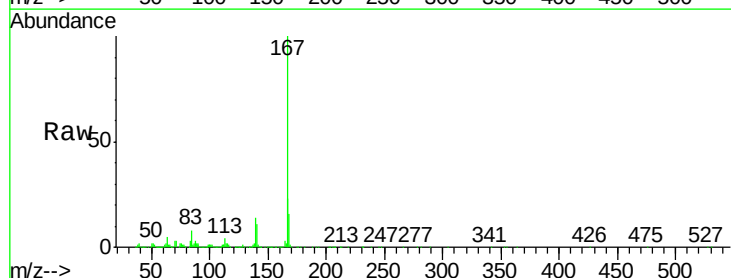
Tgt Ion:167 Resp: 951749

Ion Ratio Lower Upper

167 100

166 22.8 19.2 28.8

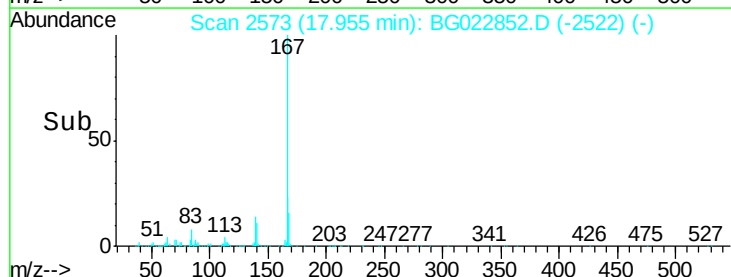
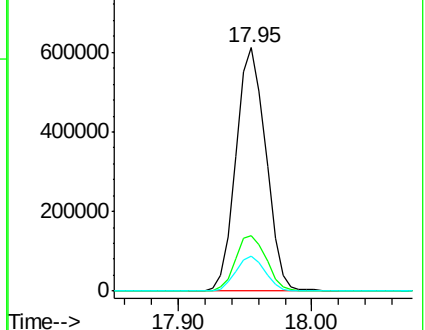
139 14.4 10.2 15.4

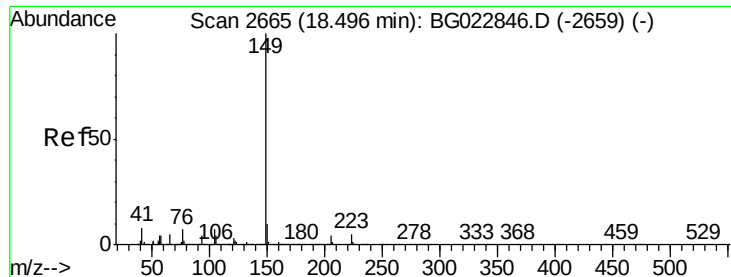


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

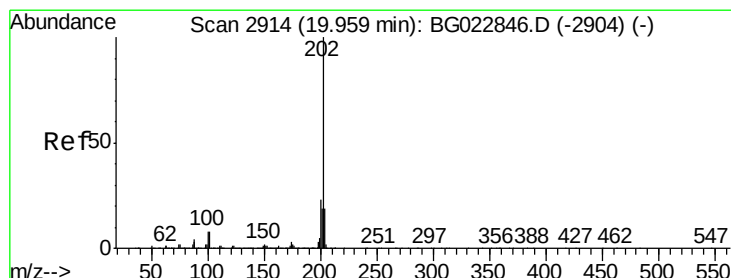
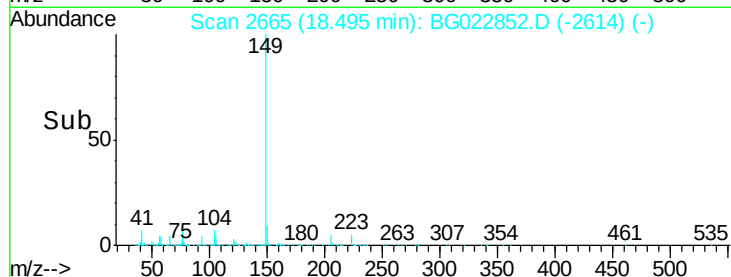
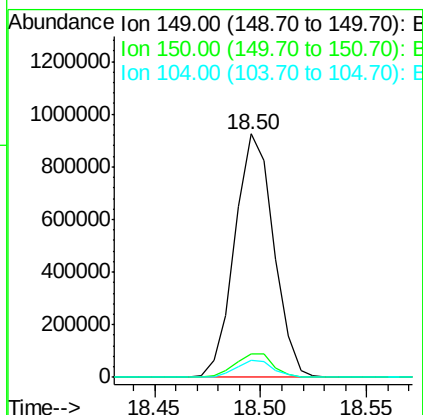
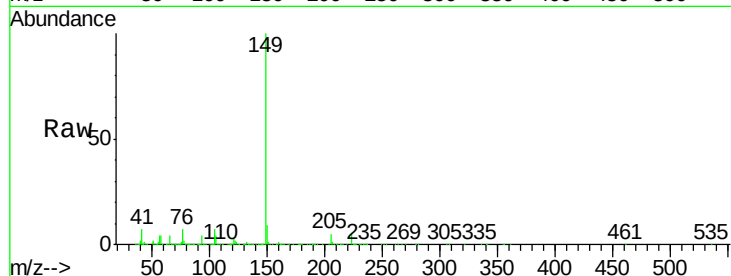




#73
Di-n-butylphthalate
Concen: 22.65 ng/ul
RT: 18.50 min Scan# 2665
Delta R.T. -0.00 min
Lab File: BG022852.D
Acq: 5 Jul 2016 15:57

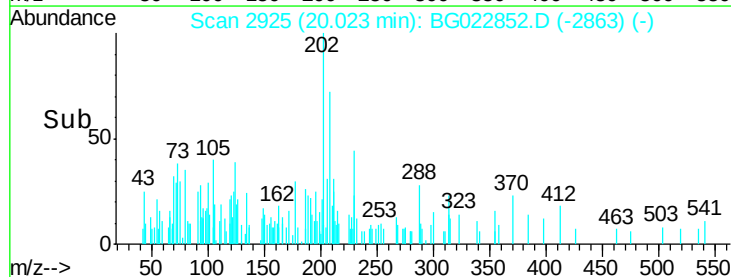
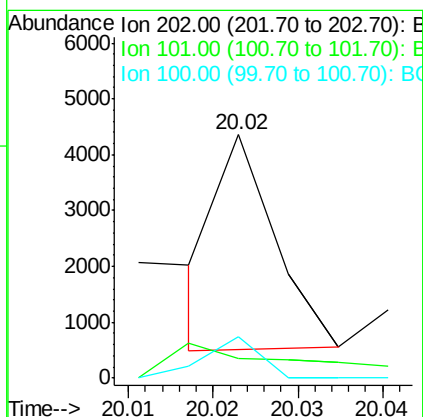
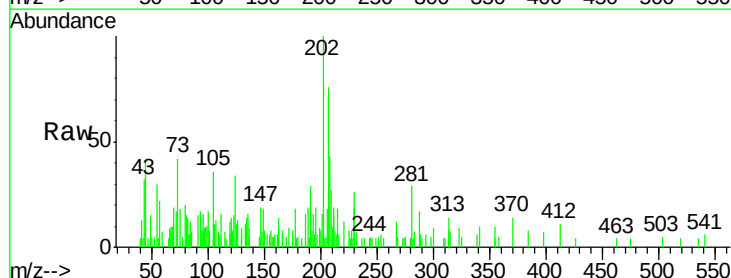
Instrument :
BNA_G
ClientSampleId :
SSTD02021

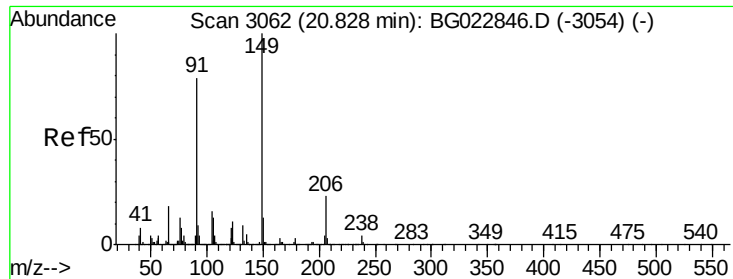
Tgt Ion:149 Resp: 1172797
Ion Ratio Lower Upper
149 100
150 9.4 7.1 10.7
104 6.8 3.3 4.9#



#77
Pyrene
Concen: 27.51 ng/ul
RT: 20.02 min Scan# 2925
Delta R.T. 0.06 min
Lab File: BG022852.D
Acq: 5 Jul 2016 15:57

Tgt Ion:202 Resp: 1831
Ion Ratio Lower Upper
202 100
101 8.1 12.5 18.7#
100 17.2 10.2 15.4#

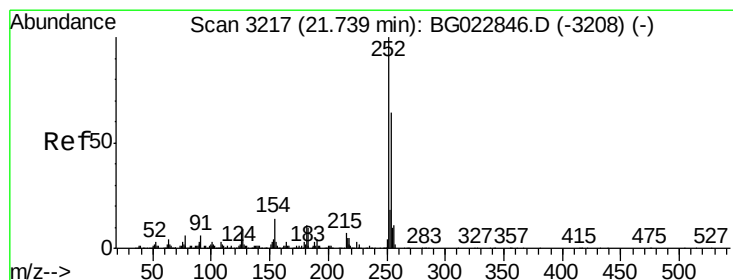
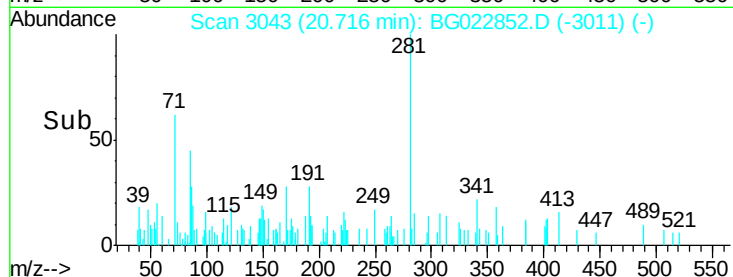
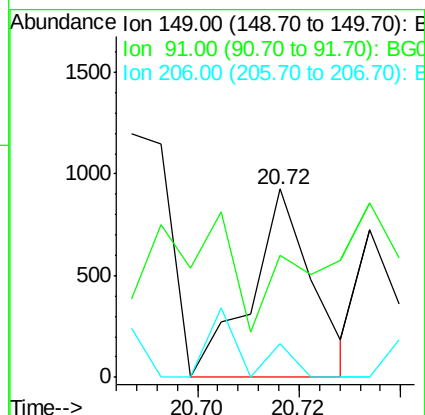
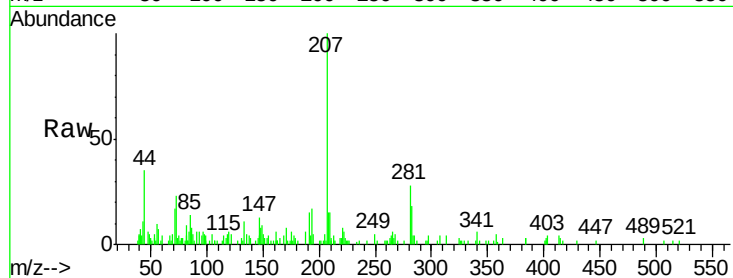




#78
Butylbenzylphthalate
Concen: 29.60 ng/ul
RT: 20.72 min Scan# 3043
Delta R.T. -0.11 min
Lab File: BG022852.D
Acq: 5 Jul 2016 15:57

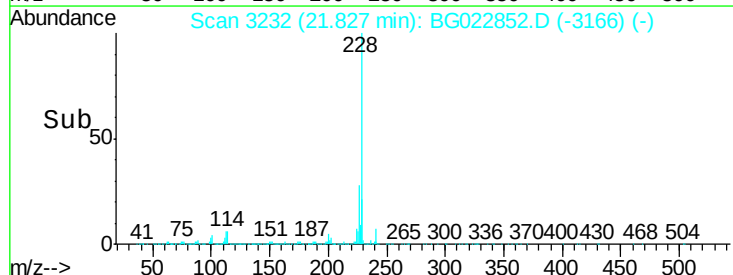
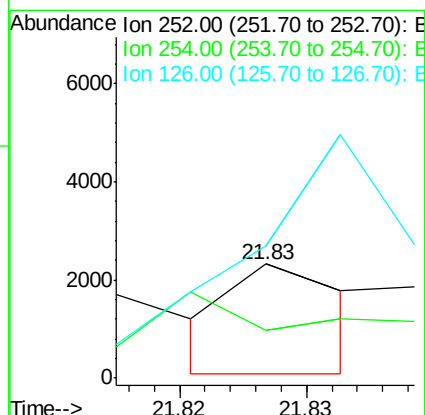
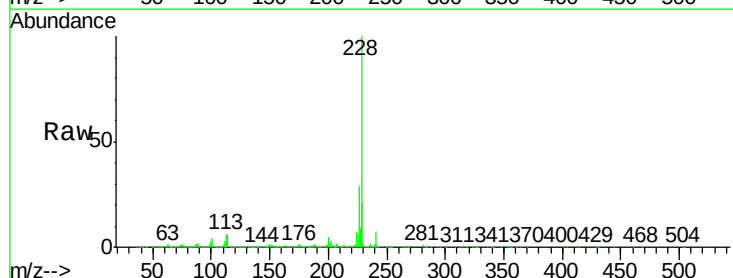
Instrument :
BNA_G
ClientSampleId :
SSTD02021

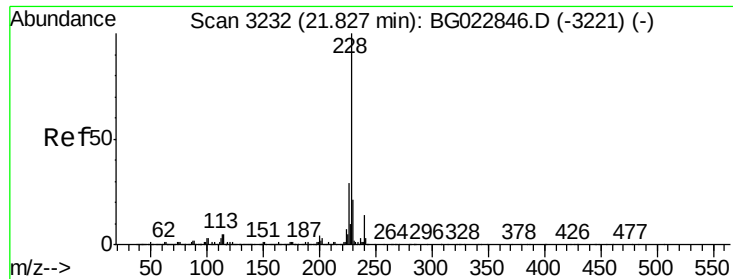
Tgt Ion:149 Resp: 764
Ion Ratio Lower Upper
149 100
91 65.0 54.2 81.4
206 18.1 14.1 21.1



#79
3,3'-Dichlorobenzidine
Concen: 61.20 ng/ul
RT: 21.83 min Scan# 3232
Delta R.T. 0.09 min
Lab File: BG022852.D
Acq: 5 Jul 2016 15:57

Tgt Ion:252 Resp: 1378
Ion Ratio Lower Upper
252 100
254 41.5 51.4 77.2#
126 115.7 10.7 16.1#





#80

Benzo(a)anthracene

Concen: 18980.89 ng/ul

RT: 21.90 min Scan# 3245

Delta R.T. 0.08 min

Lab File: BG022852.D

Acq: 5 Jul 2016 15:57

Instrument :

BNA_G

ClientSampleId :

SSTD02021

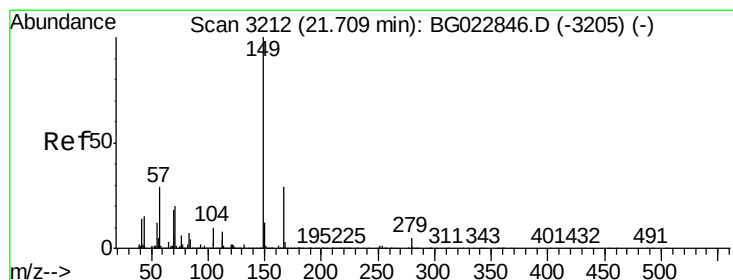
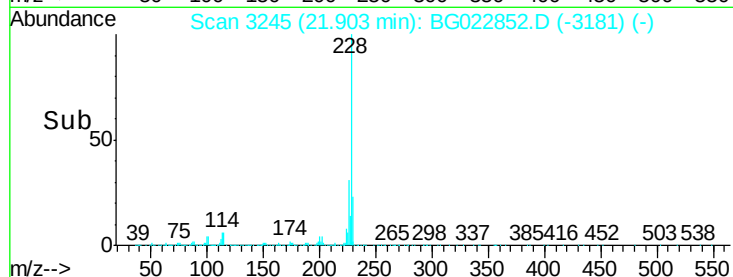
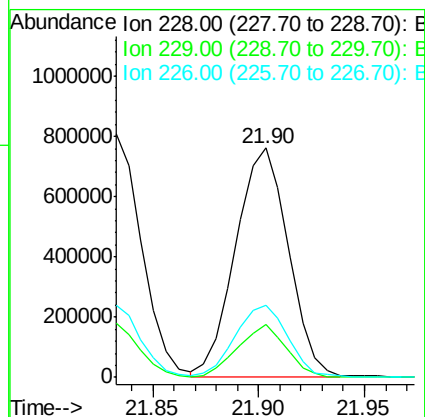
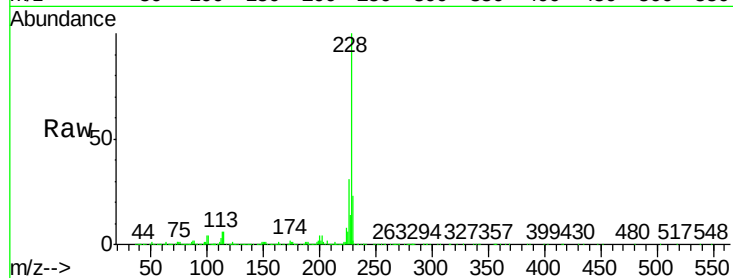
Tgt Ion:228 Resp: 1323726

Ion Ratio Lower Upper

228 100

229 22.8 15.4 23.2

226 31.2 22.8 34.2



#81

Bis(2-ethylhexyl)phthalate

Concen: 23.75 ng/ul

RT: 21.77 min Scan# 3223

Delta R.T. 0.06 min

Lab File: BG022852.D

Acq: 5 Jul 2016 15:57

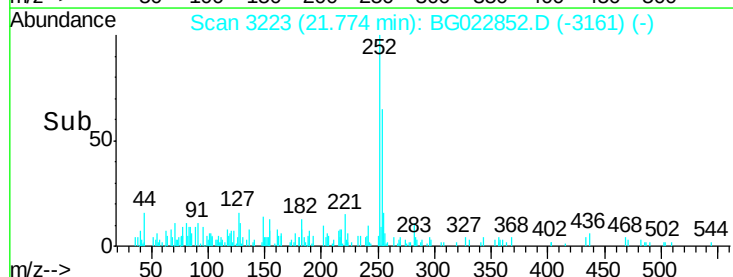
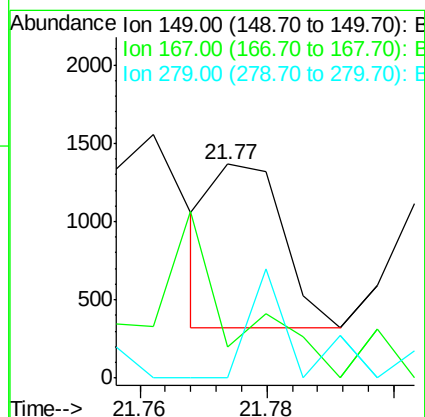
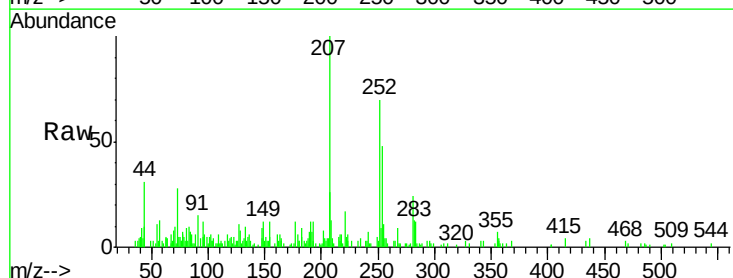
Tgt Ion:149 Resp: 791

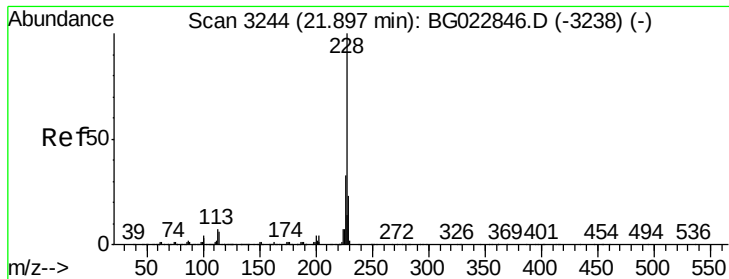
Ion Ratio Lower Upper

149 100

167 14.8 21.9 32.9#

279 0.0 2.9 4.3#





#82

Chrysene

Concen: 121.58 ng/ul

RT: 21.94 min Scan# 3252

Delta R.T. 0.05 min

Lab File: BG022852.D

Acq: 5 Jul 2016 15:57

Instrument :

BNA_G

ClientSampleId :

SSTD02021

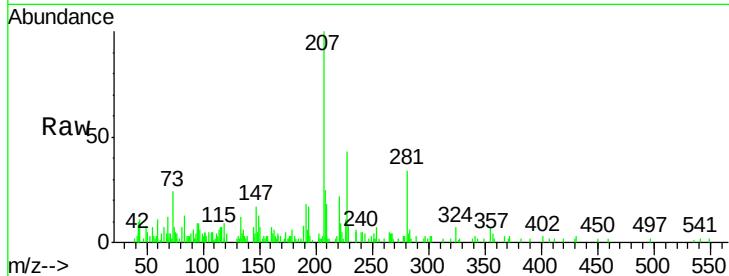
Tgt Ion:228 Resp: 7718

Ion Ratio Lower Upper

228 100

226 25.6 24.2 36.4

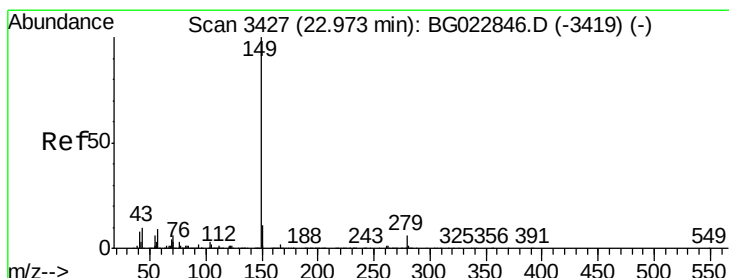
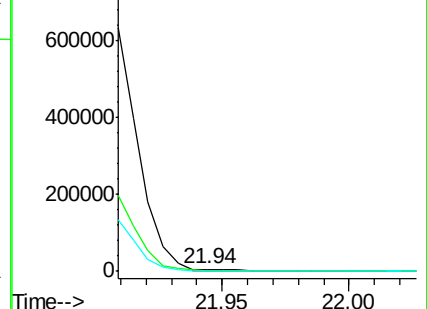
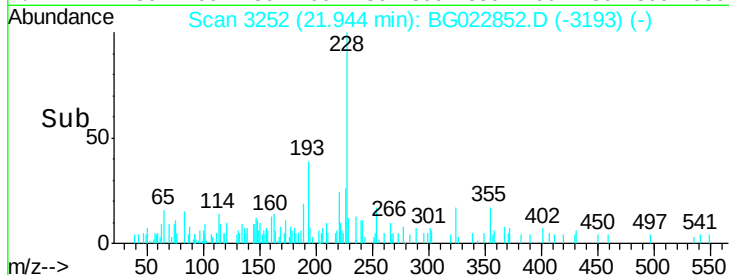
229 18.3 15.0 22.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Di-n-octyl phthalate

Concen: 24.23 ng/ul

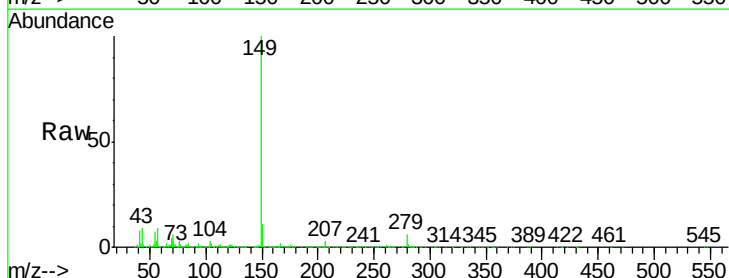
RT: 22.98 min Scan# 3428

Delta R.T. 0.01 min

Lab File: BG022852.D

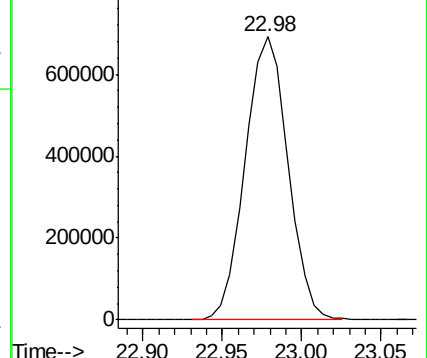
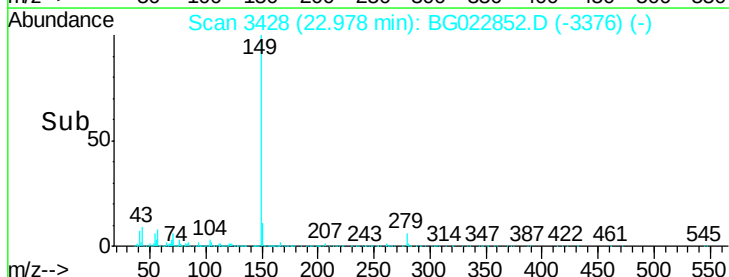
Acq: 5 Jul 2016 15:57

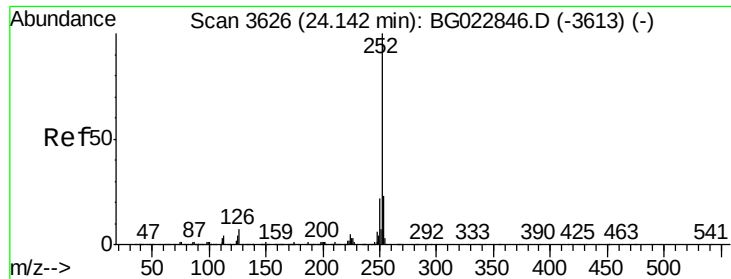
Tgt Ion:149 Resp: 1290689



Abundance Ion 149.00 (148.70 to 149.70): E

22.98





#85

Benzo(b)fluoranthene

Concen: 20.14 ng/ul

RT: 24.15 min Scan# 3627

Delta R.T. 0.01 min

Lab File: BG022852.D

Acq: 5 Jul 2016 15:57

Instrument :

BNA_G

ClientSampleId :

SSTD02021

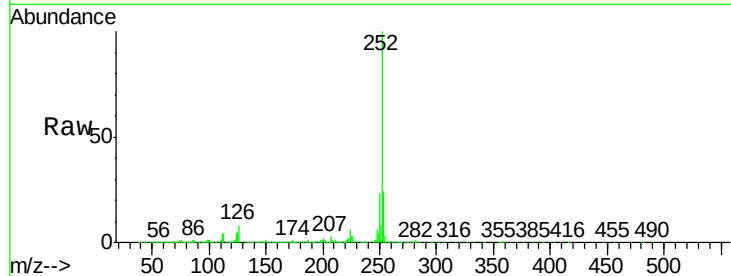
Tgt Ion:252 Resp: 1521044

Ion Ratio Lower Upper

252 100

253 23.6 18.2 27.2

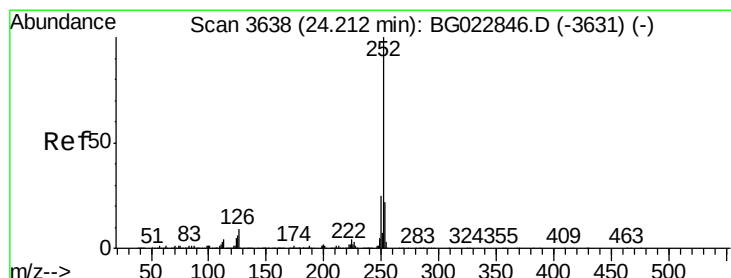
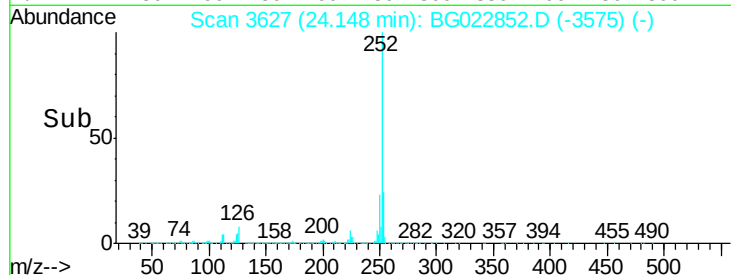
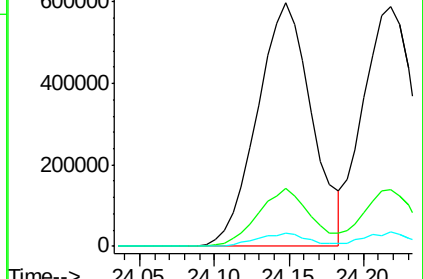
125 5.2 10.8 16.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#86

Benzo(k)fluoranthene

Concen: 20.12 ng/ul

RT: 24.22 min Scan# 3639

Delta R.T. 0.01 min

Lab File: BG022852.D

Acq: 5 Jul 2016 15:57

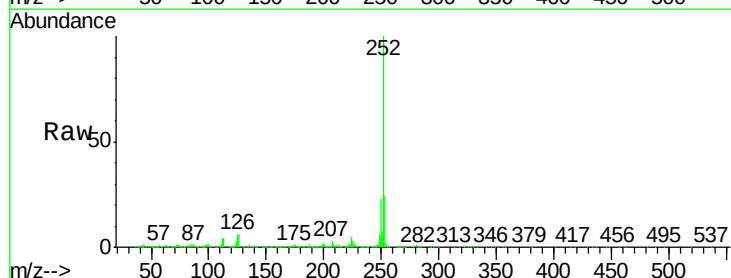
Tgt Ion:252 Resp: 1427422

Ion Ratio Lower Upper

252 100

253 23.6 15.8 23.6

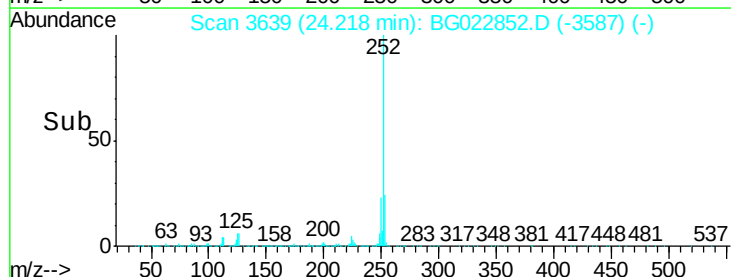
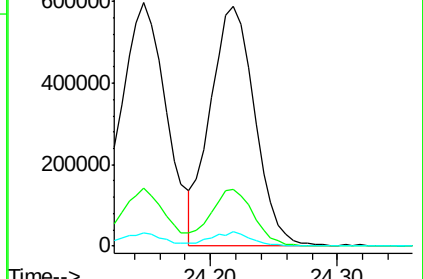
125 5.8 10.6 16.0#

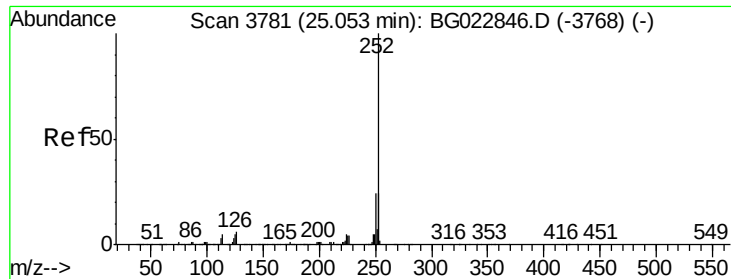


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 20.00 ng/ul

RT: 25.06 min Scan# 3783

Delta R.T. 0.01 min

Lab File: BG022852.D

Acq: 5 Jul 2016 15:57

Instrument :

BNA_G

ClientSampleId :

SSTD02021

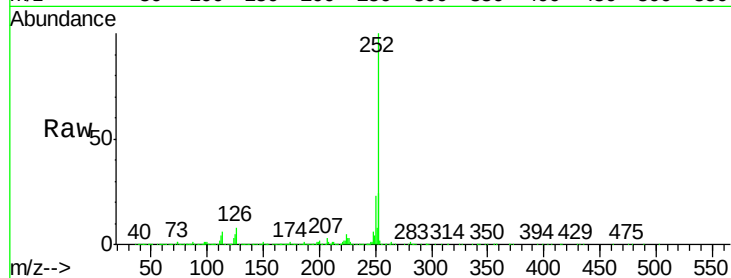
Tgt Ion:252 Resp: 1435335

Ion Ratio Lower Upper

252 100

253 23.6 19.0 28.4

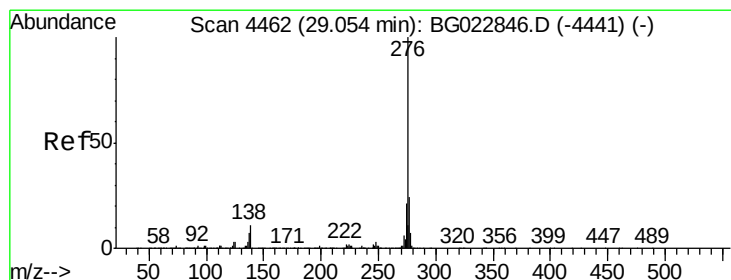
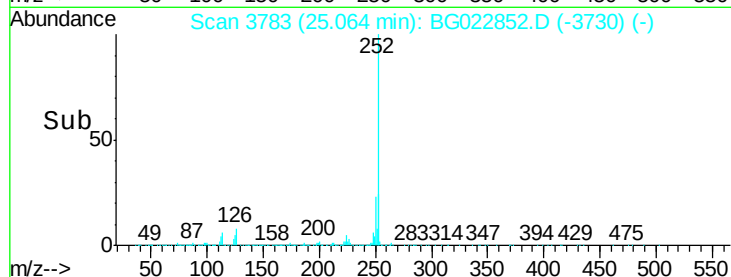
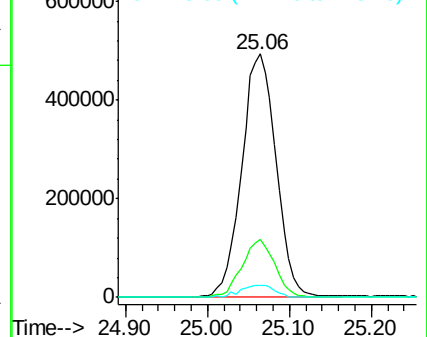
125 4.9 12.0 18.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Indeno(1,2,3-cd)pyrene

Concen: 21.26 ng/ul

RT: 29.08 min Scan# 4466

Delta R.T. 0.02 min

Lab File: BG022852.D

Acq: 5 Jul 2016 15:57

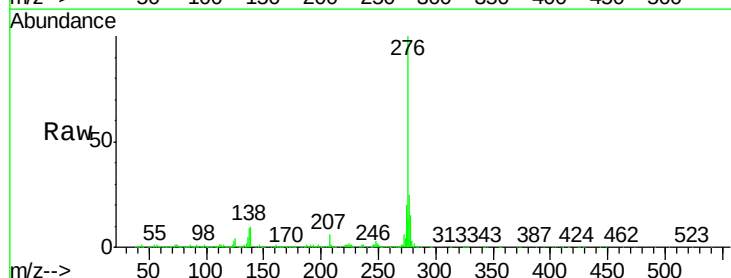
Tgt Ion:276 Resp: 1612676

Ion Ratio Lower Upper

276 100

138 10.4 20.8 31.2#

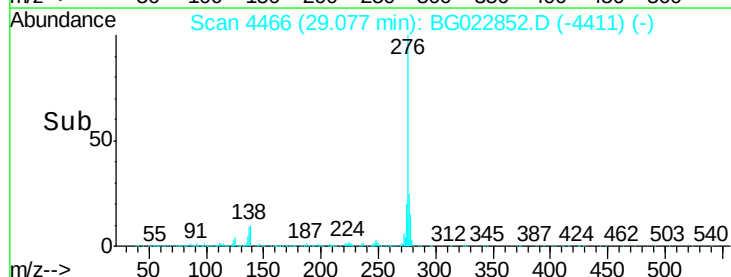
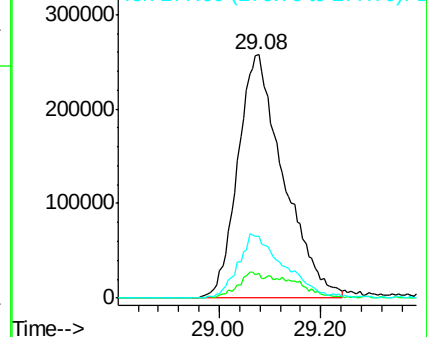
277 25.2 17.6 26.4

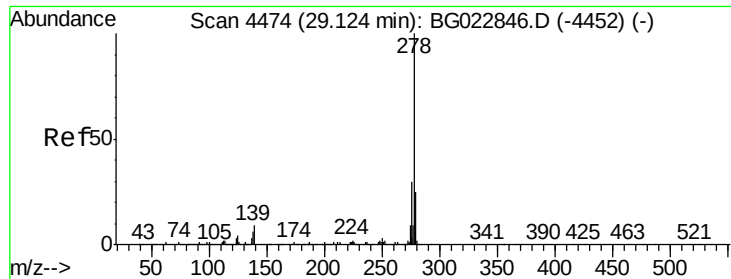


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 20.99 ng/ul

RT: 29.14 min Scan# 4477

Delta R.T. 0.02 min

Lab File: BG022852.D

Acq: 5 Jul 2016 15:57

Instrument :

BNA_G

ClientSampleId :

SSTD02021

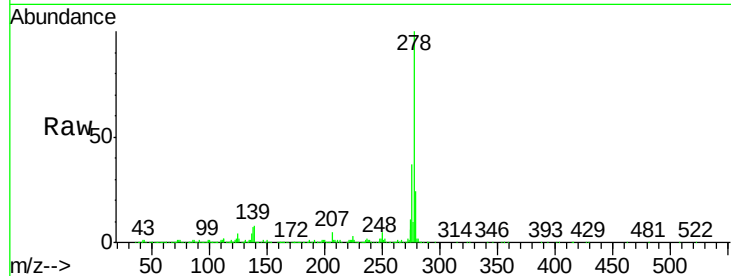
Tgt Ion:278 Resp: 1316546

Ion Ratio Lower Upper

278 100

139 7.7 16.3 24.5#

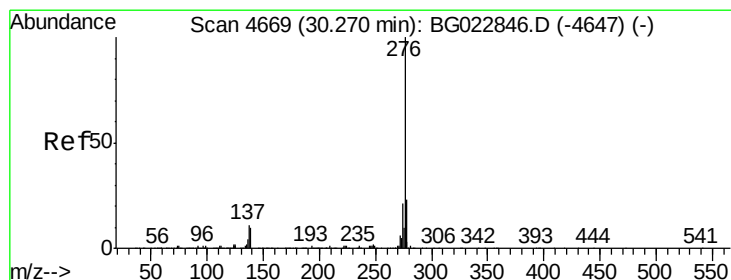
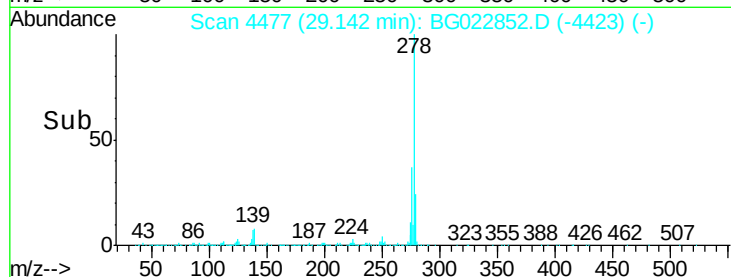
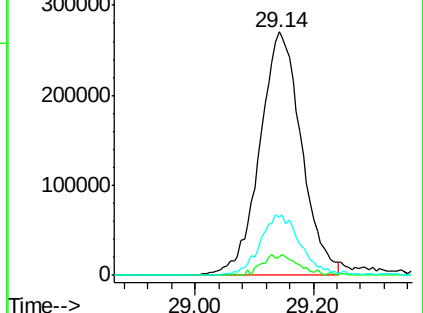
279 23.7 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 10.62 ng/ul

RT: 30.27 min Scan# 4669

Delta R.T. -0.00 min

Lab File: BG022852.D

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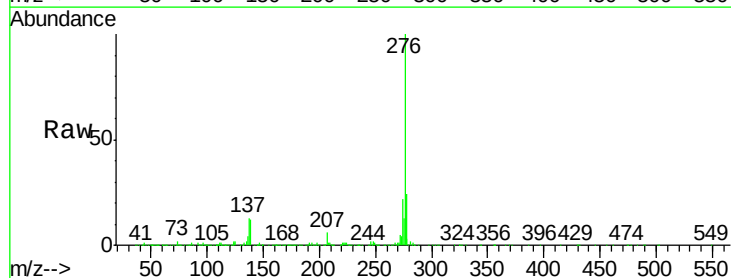
Tgt Ion:276 Resp: 631585

Ion Ratio Lower Upper

276 100

138 11.7 22.1 33.1#

277 24.2 17.0 25.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

