

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080416\
 Data File : BG023467.D
 Acq On : 5 Aug 2016 1:07
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02008

Quant Time: Aug 05 02:36:55 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 05 02:31:20 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	102842	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	487911	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	365173	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.54	188	954932	20.00	ng/ul	0.00
75) Chrysene-d12	21.86	240	964082	20.00	ng/ul	0.00
83) Perylene-d12	25.23	264	933412	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.49	96	18792	7.77	ng/uL	0.00
5) Phenol-d5	7.27	99	218696	21.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	140254	21.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.65	132	146024	20.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	172168	21.29	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	76301	19.84	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	92445	20.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	179263	21.52	ng/ul	0.00
29) 4-Chloroaniline-d4	11.08	131	223314	22.85	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	645602	21.59	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	728051	21.64	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	107739	21.11	ng/ul	0.00
57) Fluorene-d10	15.78	176	579930	20.99	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	125728	20.52	ng/ul	0.00
70) Anthracene-d10	17.64	188	938493	21.81	ng/ul	0.00
76) Pyrene-d10	19.93	212	1042128	21.35	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.00	264	899960	21.30	ng/ul	0.00

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.52	88	20578	8.11	ng/uL#	83
4) Benzaldehyde	7.25	77	138404	21.92	ng/ul	89
6) Phenol	7.30	94	214668	19.90	ng/ul#	68
8) Bis(2-Chloroethyl)ether	7.53	93	165943	21.19	ng/ul	96
10) 2-Chlorophenol	7.68	128	149347	20.75	ng/ul#	83
11) 2-Methylphenol	8.56	108	166850	20.54	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.65	45	226125	21.10	ng/ul	100
14) Acetophenone	8.95	105	276773	21.34	ng/ul#	78
15) N-Nitroso-di-n-propylamine	8.92	70	167274	21.43	ng/ul#	87
16) 4-Methylphenol	8.89	108	185929	20.42	ng/ul	90
17) Hexachloroethane	9.21	117	61040	19.65	ng/ul#	70
20) Nitrobenzene	9.33	77	227025	20.14	ng/ul#	84
21) Isophorone	9.86	82	443926	21.41	ng/ul#	91
23) 2-Nitrophenol	10.06	139	98153	20.58	ng/ul#	66
24) 2,4-Dimethylphenol	10.11	107	218863	20.92	ng/ul	90
25) Bis(2-Chloroethoxy)methane	10.34	93	250099	20.91	ng/ul#	94
27) 2,4-Dichlorophenol	10.60	162	177428	21.12	ng/ul	96
28) Naphthalene	11.00	128	518453	20.93	ng/ul	98
30) 4-Chloroaniline	11.11	127	223014	22.99	ng/ul	94
31) Hexachlorobutadiene	11.28	225	116153	20.76	ng/ul	94
32) Caprolactam	11.87	113	57601	16.51	ng/ul#	49
33) 4-Chloro-3-methylphenol	12.23	107	234251	21.66	ng/ul#	82
34) 2-Methylnaphthalene	12.61	142	422656	21.04	ng/ul	97

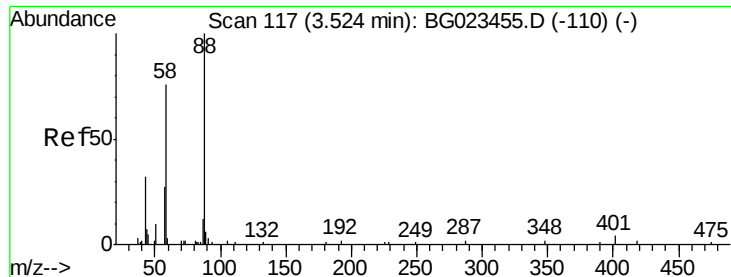
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.97	216	240766	21.47	ng/ul	97
37) Hexachlorocyclopentadiene	12.95	237	124401	20.06	ng/ul	97
38) 2,4,6-Trichlorophenol	13.21	196	165918	21.37	ng/ul	97
39) 2,4,5-Trichlorophenol	13.29	196	177923	21.37	ng/ul	99
40) 1,1'-Biphenyl	13.61	154	567792	21.16	ng/ul	98
41) 2-Chloronaphthalene	13.66	162	445292	21.34	ng/ul	99
42) 2-Nitroaniline	13.86	65	183380	21.52	ng/ul#	70
44) Dimethylphthalate	14.23	163	630805	21.31	ng/ul	99
45) 2,6-Dinitrotoluene	14.36	165	133198	20.75	ng/ul#	83
47) Acenaphthylene	14.50	152	766195	21.77	ng/ul	98
48) 3-Nitroaniline	14.69	138	130031	21.55	ng/ul#	63
49) Acenaphthene	14.84	153	510079	21.27	ng/ul	95
50) 2,4-Dinitrophenol	14.90	184	81180	20.50	ng/ul#	80
52) 4-Nitrophenol	15.01	109	97287	19.03	ng/ul#	70
53) Dibenzofuran	15.18	168	752633	21.18	ng/ul#	88
54) 2,4-Dinitrotoluene	15.14	165	204753	21.05	ng/ul#	73
55) 2,3,4,6-Tetrachlorophenol	15.41	232	180610	21.12	ng/ul	94
56) Diethylphthalate	15.59	149	667550	21.57	ng/ul	94
58) Fluorene	15.83	166	634888	21.45	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.82	204	315443	21.19	ng/ul	98
60) 4-Nitroaniline	15.85	138	156742	22.40	ng/ul#	68
63) 4,6-Dinitro-2-methylphenol	15.91	198	132533	20.61	ng/ul#	84
64) N-Nitrosodiphenylamine	16.04	169	578376	21.67	ng/ul	97
65) 4-Bromophenyl-phenylether	16.72	248	227928	20.81	ng/ul	96
66) Hexachlorobenzene	16.84	284	247476	21.21	ng/ul	97
67) Atrazine	16.99	200	234759	21.30	ng/ul	100
68) Pentachlorophenol	17.19	266	132495	20.58	ng/ul#	85
69) Phenanthrene	17.59	178	1073088	21.70	ng/ul	98
71) Anthracene	17.67	178	1104963	21.90	ng/ul	99
72) Carbazole	17.95	167	968130	23.81	ng/ul	99
73) Di-n-butylphthalate	18.49	149	1152641	22.63	ng/ul#	95
74) Fluoranthene	19.60	202	1278644	25.25	ng/ul#	93
77) Pyrene	19.96	202	1299469	21.80	ng/ul	94
78) Butylbenzylphthalate	20.84	149	507969	22.22	ng/ul#	86
79) 3,3'-Dichlorobenzidine	21.75	252	385963	22.72	ng/ul#	95
80) Benzo(a)anthracene	21.83	228	1169365	21.54	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.72	149	685347	22.55	ng/ul#	97
82) Chrysene	21.90	228	1051830	21.31	ng/ul	94
84) Di-n-octyl phthalate	22.98	149	1129521	23.96	ng/ul	100
85) Benzo(b)fluoranthene	24.15	252	1157596	21.80	ng/ul#	95
86) Benzo(k)fluoranthene	24.22	252	1097225	20.99	ng/ul#	91
88) Benzo(a)pyrene	25.07	252	1094513	21.35	ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	29.09	276	1280104	21.25	ng/ul#	88
90) Dibenzo(a,h)anthracene	29.15	278	1096679	21.35	ng/ul#	91
91) Benzo(g,h,i)perylene	30.30	276	1032462	20.67	ng/ul#	88

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



#2

1,4-Dioxane

Concen: 8.11 ng/uL

RT: 3.52 min Scan# 116

Delta R.T. -0.00 min

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Instrument :

BNA_G

ClientSampleId :

SSTD02008

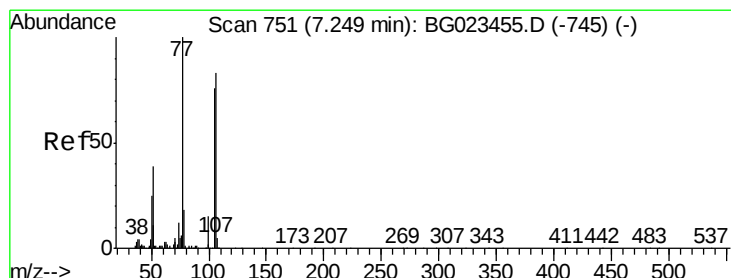
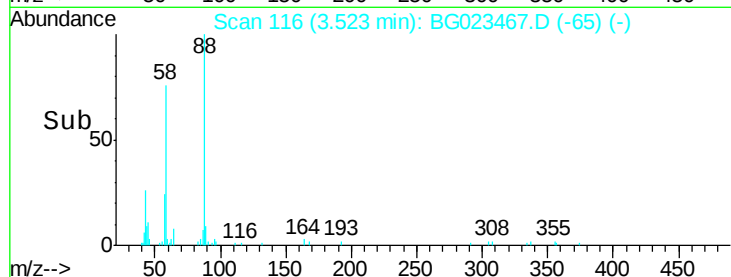
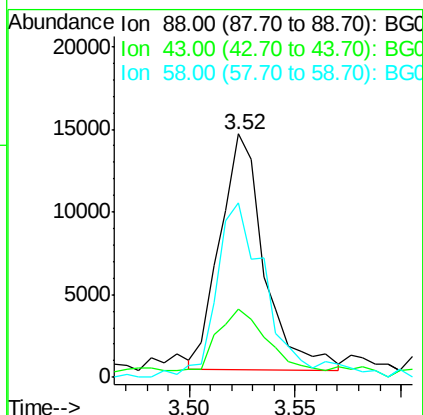
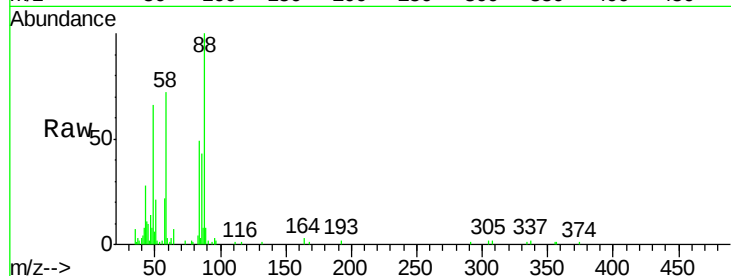
Tot Ion: 88 Resp: 20578

Ion Ratio Lower Upper

88 100

43 28.2 16.6 24.8#

58 71.5 47.2 70.8#



#4

Benzaldehyde

Concen: 21.92 ng/uL

RT: 7.25 min Scan# 750

Delta R.T. -0.00 min

Lab File: BG023467.D

Acq: 5 Aug 2016 1:07

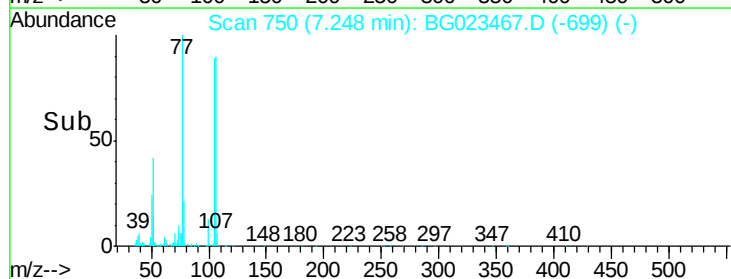
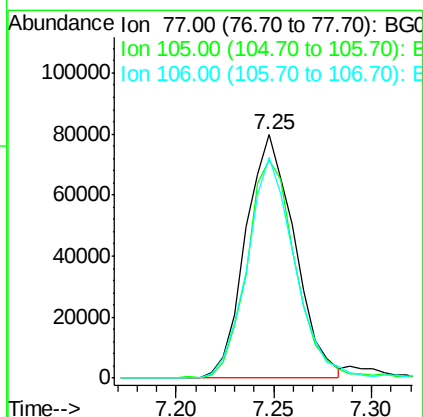
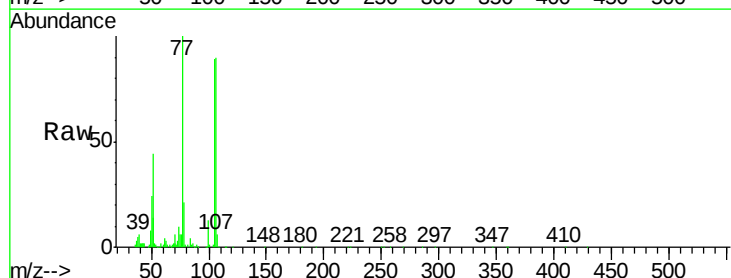
Tgt Ion: 77 Resp: 138404

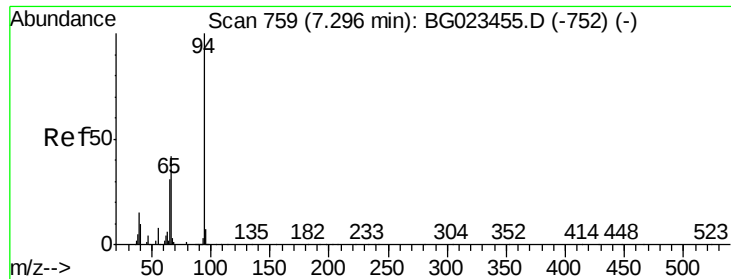
Ion Ratio Lower Upper

77 100

105 89.5 83.8 125.8

106 90.5 77.9 116.9





#6

Phenol

Concen: 19.90 ng/ul

RT: 7.30 min Scan# 759

Delta R.T. 0.00 min

Lab File: BG023467.D

Acq: 5 Aug 2016 1:07

Instrument :

BNA_G

ClientSampleId :

SSTD02008

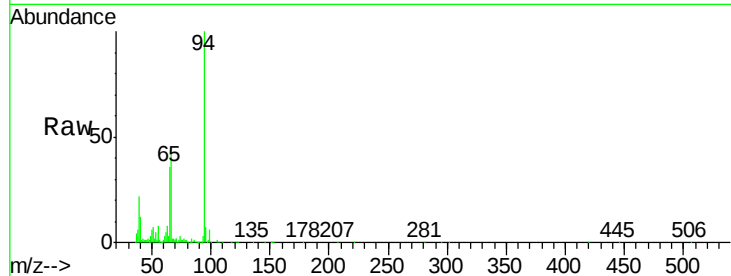
Tot Ion: 94 Resp: 214668

Ion Ratio Lower Upper

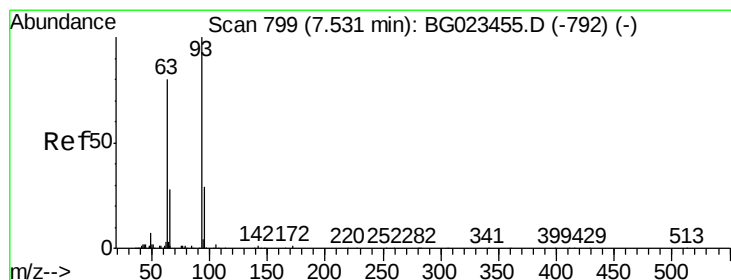
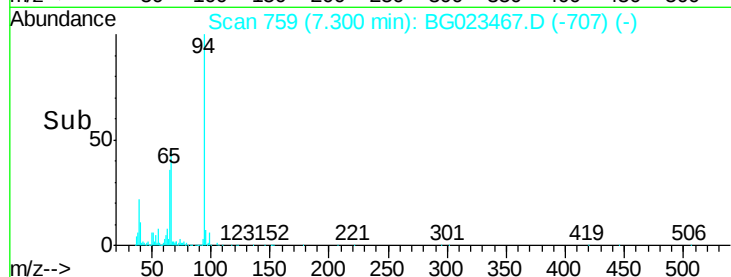
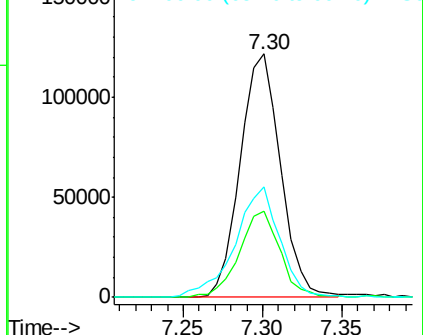
94 100

65 35.5 16.8 25.2#

66 45.4 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: 21.19 ng/ul

RT: 7.53 min Scan# 798

Delta R.T. -0.00 min

Lab File: BG023467.D

Acq: 5 Aug 2016 1:07

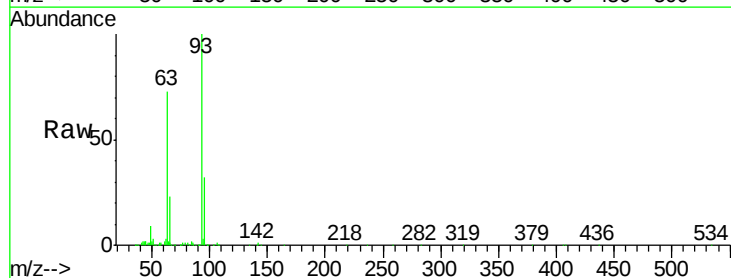
Tgt Ion: 93 Resp: 165943

Ion Ratio Lower Upper

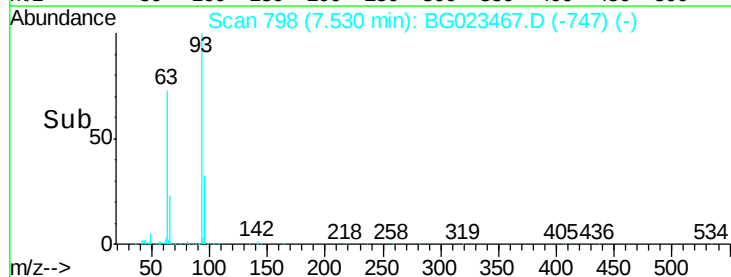
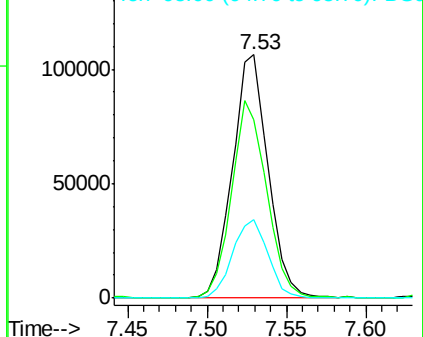
93 100

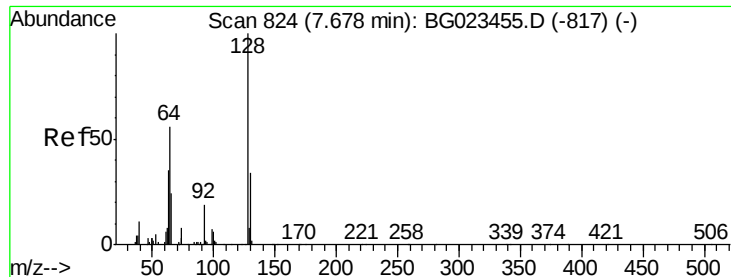
63 73.4 56.0 84.0

95 32.2 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

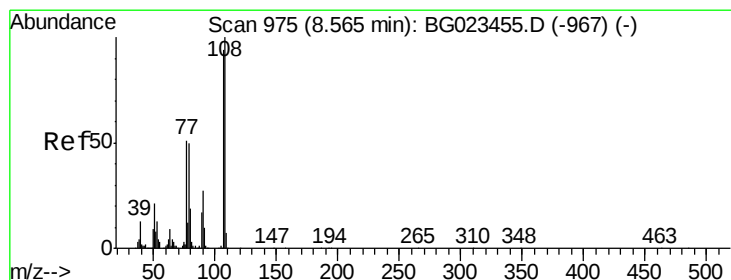
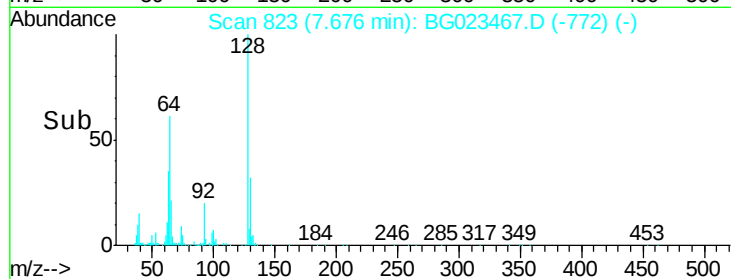
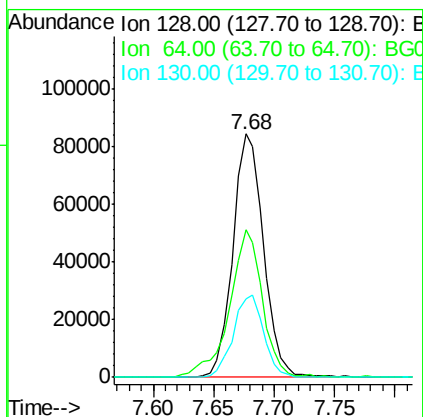
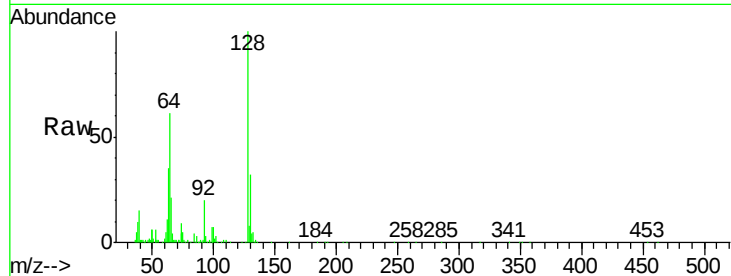




#10
2-Chlorophenol
Concen: 20.75 ng/ul
RT: 7.68 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG023467.D
Acq: 5 Aug 2016 1:07

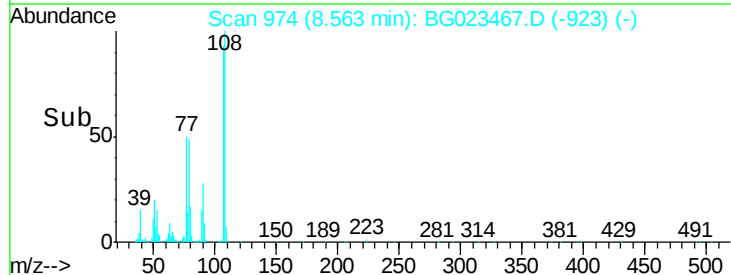
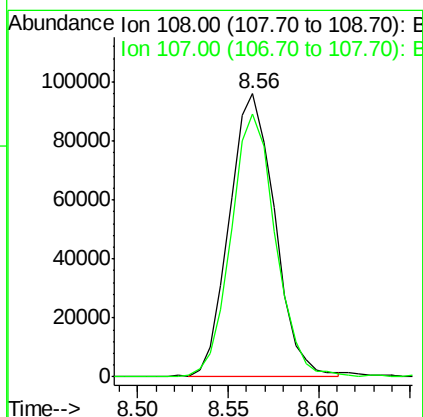
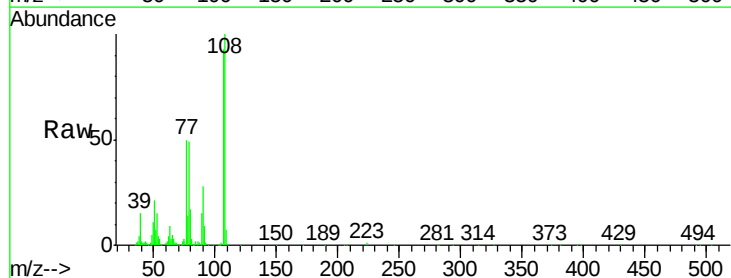
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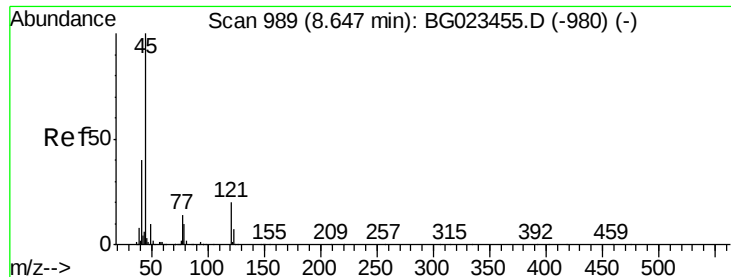
Tot Ion:128 Resp: 149347
Ion Ratio Lower Upper
128 100
64 60.5 34.2 51.4#
130 32.2 27.0 40.4



#11
2-Methylphenol
Concen: 20.54 ng/ul
RT: 8.56 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG023467.D
Acq: 5 Aug 2016 1:07

Tgt Ion:108 Resp: 166850
Ion Ratio Lower Upper
108 100
107 92.8 78.6 117.8

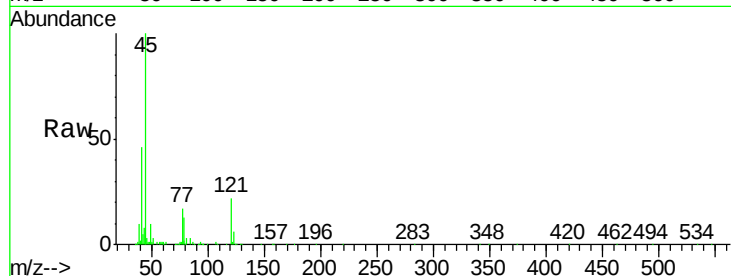




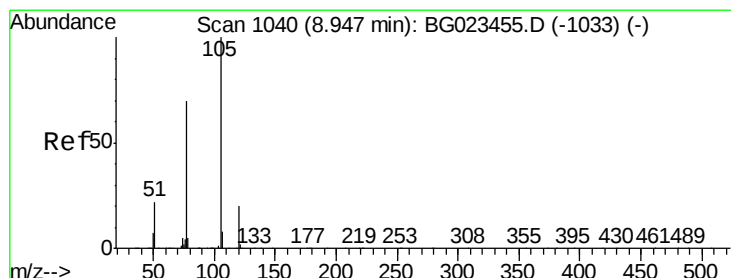
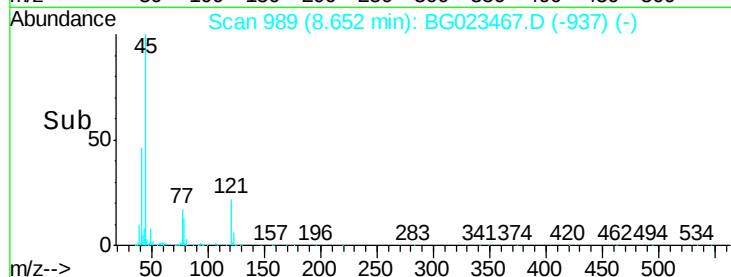
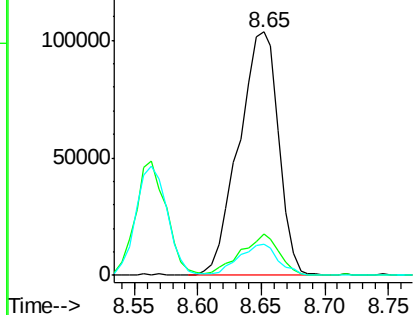
#12
2,2'-oxvbis(1-Chloropropane)
Concen: 21.10 ng/ul
RT: 8.65 min Scan# 989
Delta R.T. 0.00 min
Lab File: BG023467.D
Acq: 5 Aug 2016 1:07

Instrument :
BNA_G
ClientSampleId :
SSTD02008

Tot Ion	Ratio	Lower	Upper
45	100		
77	16.8	13.4	20.2
79	12.5	10.2	15.4

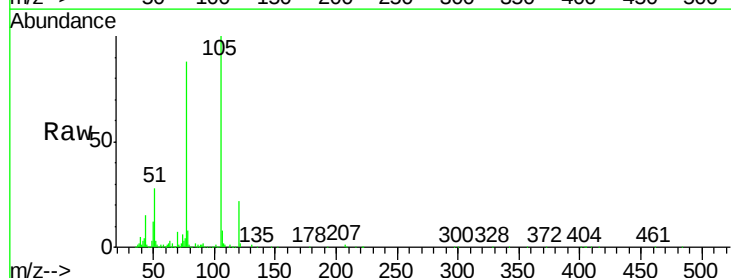


Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

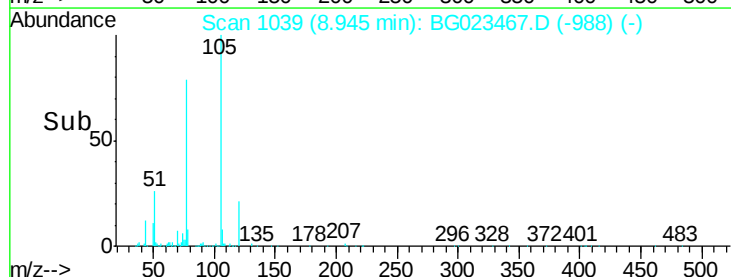
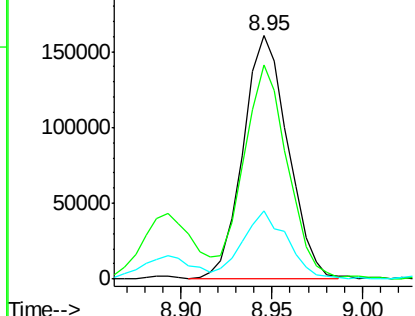


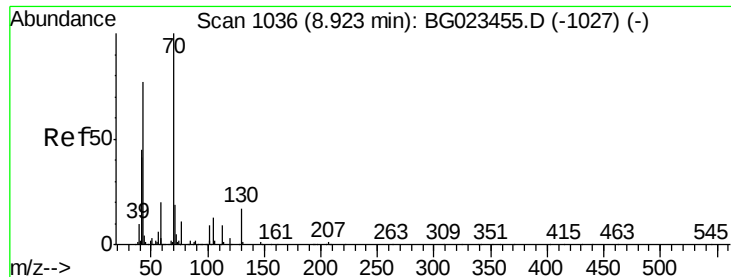
#14
Acetophenone
Concen: 21.34 ng/ul
RT: 8.95 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BG023467.D
Acq: 5 Aug 2016 1:07

Tgt Ion	Ratio	Lower	Upper
105	100		
77	87.8	56.1	84.1#
51	28.2	14.6	22.0#



Abundance Ion 105.00 (104.70 to 105.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

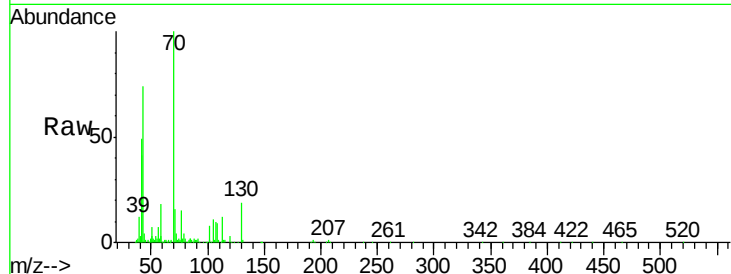




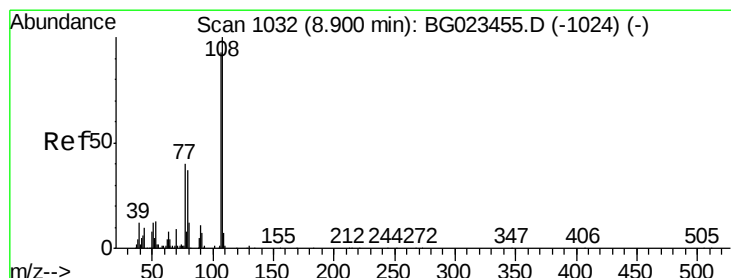
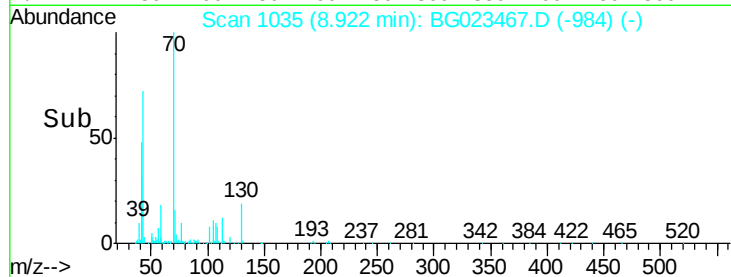
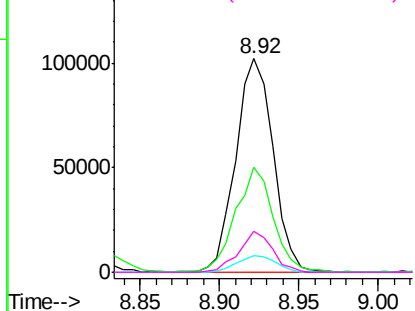
#15
N-Nitroso-di-n-propylamine
Concen: 21.43 ng/ul
RT: 8.92 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BG023467.D
Acq: 5 Aug 2016 1:07

Instrument :
BNA_G
ClientSampleId :
SSTD02008

Tot Ion:	70	Resp:	167274
Ion	Ratio	Lower	Upper
70	100		
42	49.0	31.4	47.2#
101	8.1	8.6	13.0#
130	19.0	19.0	28.4

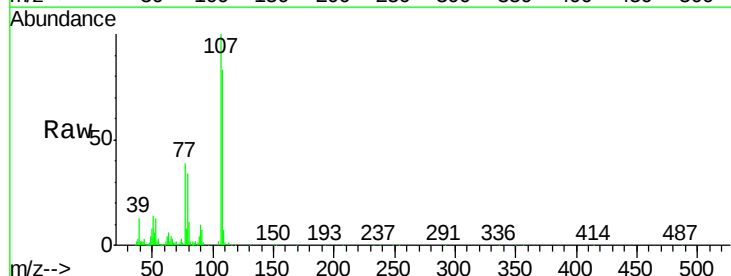


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

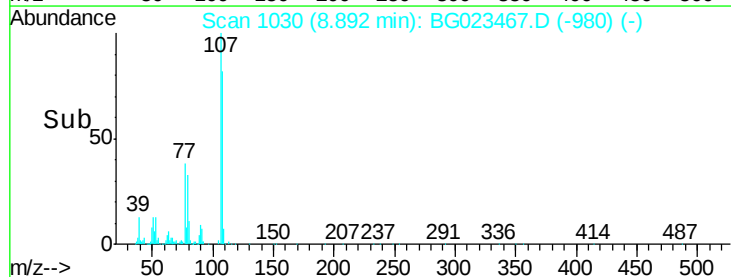
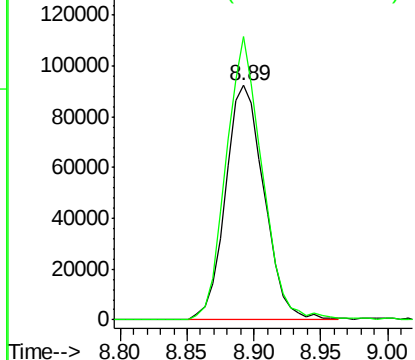


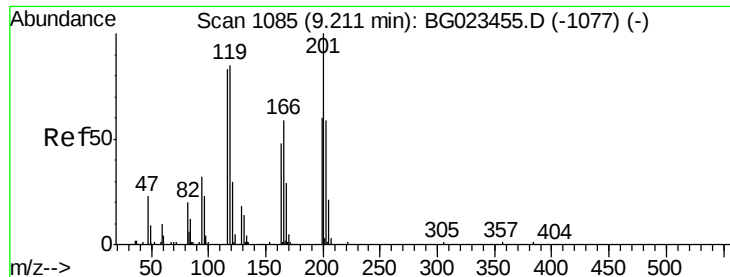
#16
4-Methylphenol
Concen: 20.42 ng/ul
RT: 8.89 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BG023467.D
Acq: 5 Aug 2016 1:07

Tgt Ion:	108	Resp:	185929
Ion	Ratio	Lower	Upper
108	100		
107	120.8	88.3	132.5



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





#17

Hexachloroethane

Concen: 19.65 ng/ul

RT: 9.21 min Scan# 1084

Delta R.T. -0.00 min

Lab File: BG023467.D

Acq: 5 Aug 2016 1:07

Instrument :

BNA_G

ClientSampleId :

SSTD02008

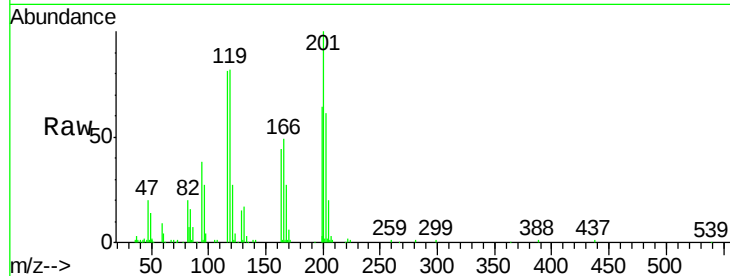
Tot Ion:117 Resp: 61040

Ion Ratio Lower Upper

117 100

201 123.3 76.8 115.2#

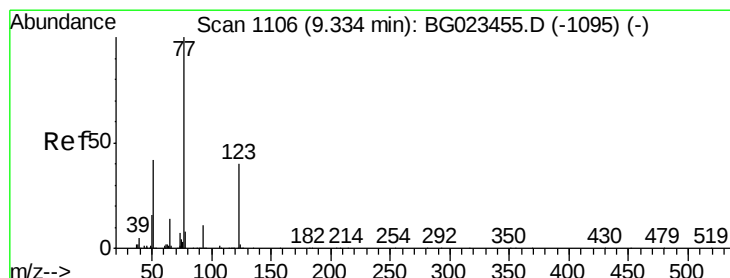
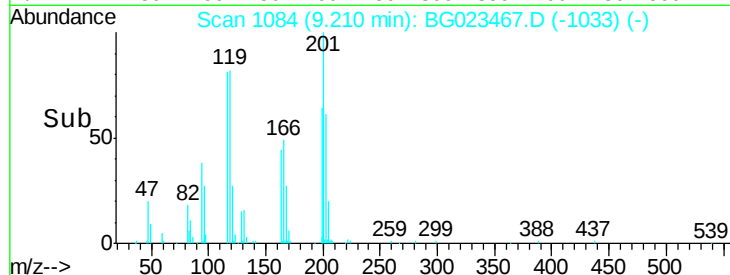
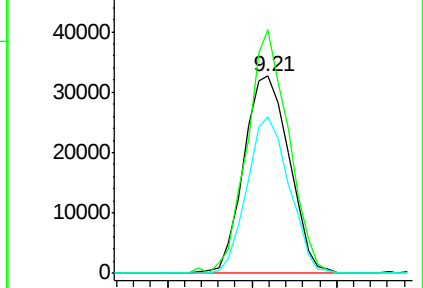
199 79.5 43.5 65.3#



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: 20.14 ng/ul

RT: 9.33 min Scan# 1105

Delta R.T. -0.00 min

Lab File: BG023467.D

Acq: 5 Aug 2016 1:07

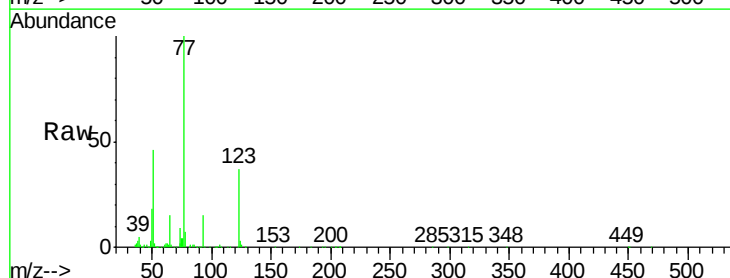
Tgt Ion: 77 Resp: 227025

Ion Ratio Lower Upper

77 100

123 37.4 39.5 59.3#

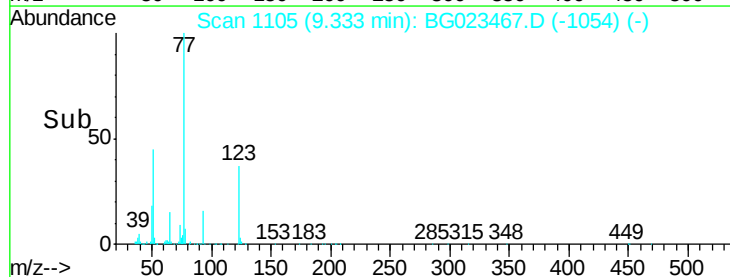
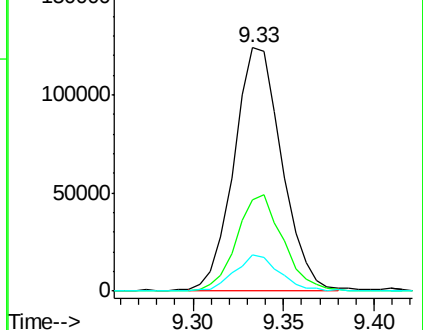
65 14.9 9.0 13.4#

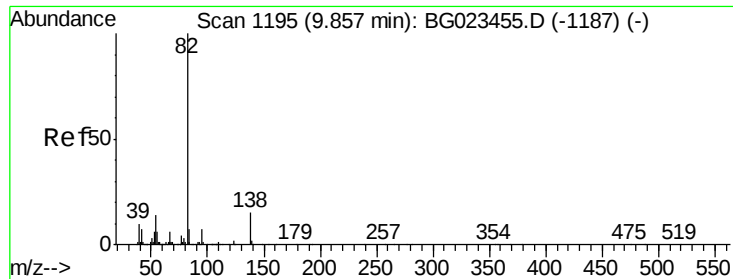


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BGC





#21

Isophorone

Concen: 21.41 ng/ul

RT: 9.86 min Scan# 1194

Delta R.T. -0.00 min

Lab File: BG023467.D

Acq: 5 Aug 2016 1:07

Instrument :

BNA_G

ClientSampleId :

SSTD02008

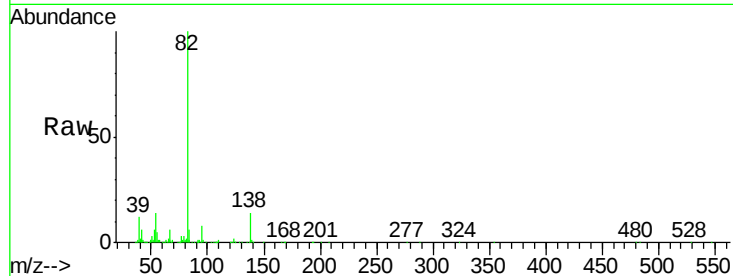
Tot Ion: 82 Resp: 443926

Ion Ratio Lower Upper

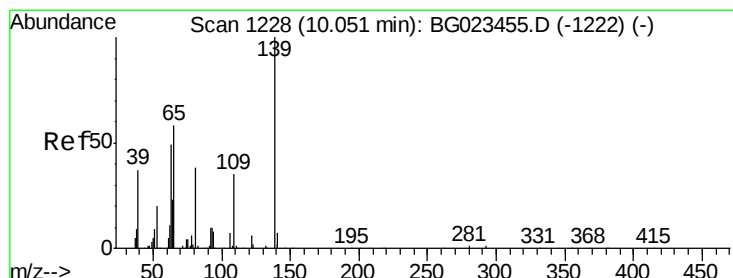
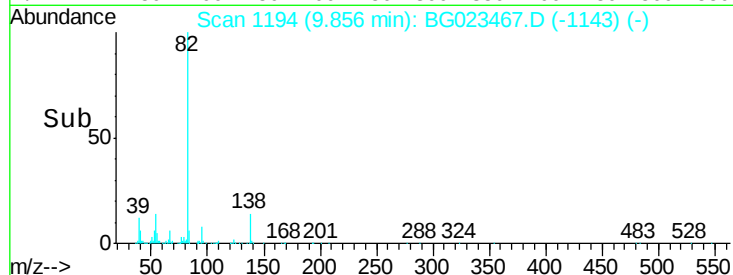
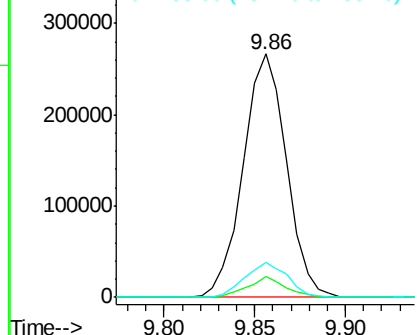
82 100

95 8.4 5.1 7.7#

138 14.4 15.0 22.6#



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



#23

2-Nitrophenol

Concen: 20.58 ng/ul

RT: 10.06 min Scan# 1228

Delta R.T. 0.00 min

Lab File: BG023467.D

Acq: 5 Aug 2016 1:07

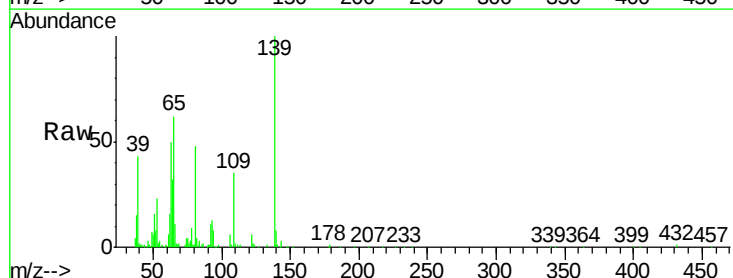
Tgt Ion: 139 Resp: 98153

Ion Ratio Lower Upper

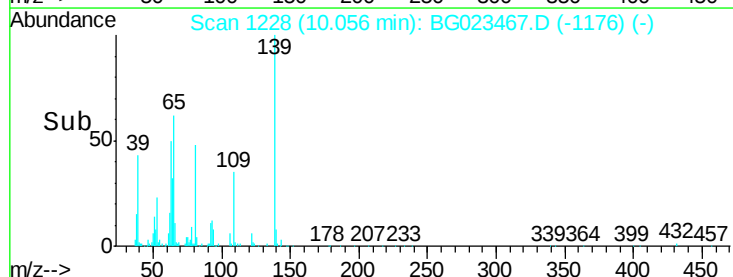
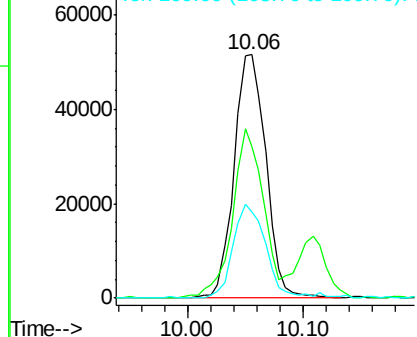
139 100

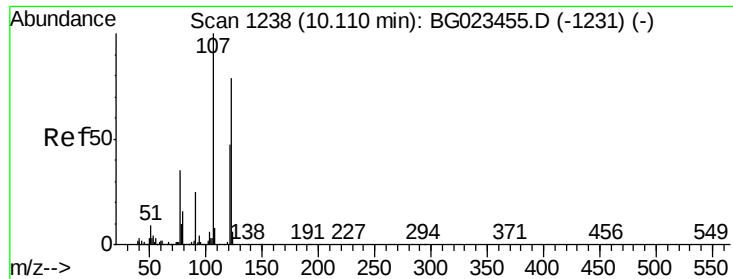
65 62.1 31.8 47.8#

109 35.3 17.1 25.7#



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





#24

2,4-Dimethylphenol

Concen: 20.92 ng/ul

RT: 10.11 min Scan# 1237

Delta R.T. -0.00 min

Lab File: BG023467.D

Acq: 5 Aug 2016 1:07

Instrument :

BNA_G

ClientSampleId :

SSTD02008

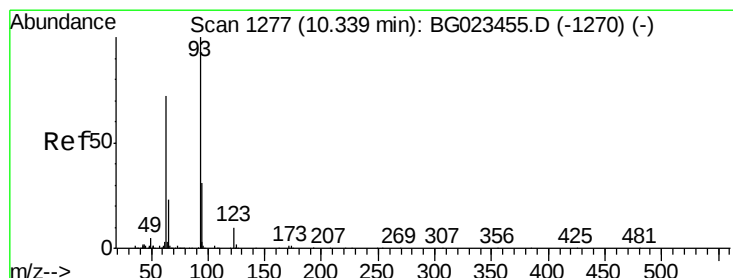
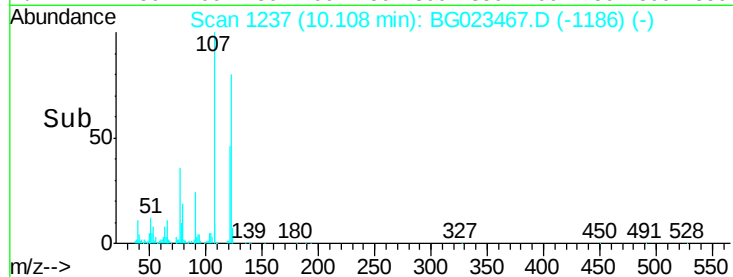
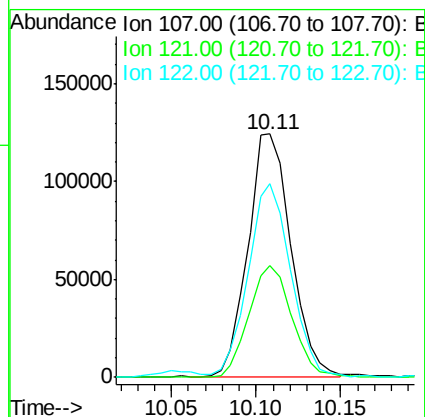
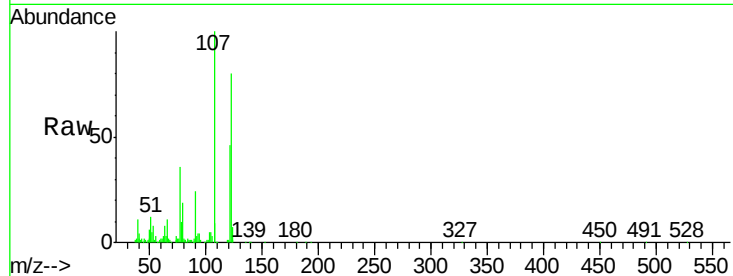
Tot Ion:107 Resp: 218863

Ion Ratio Lower Upper

107 100

121 45.7 43.7 65.5

122 79.6 70.3 105.5



#25

Bis(2-Chloroethoxy)methane

Concen: 20.91 ng/ul

RT: 10.34 min Scan# 1276

Delta R.T. -0.00 min

Lab File: BG023467.D

Acq: 5 Aug 2016 1:07

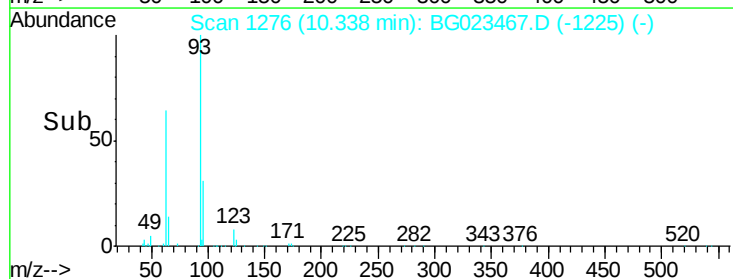
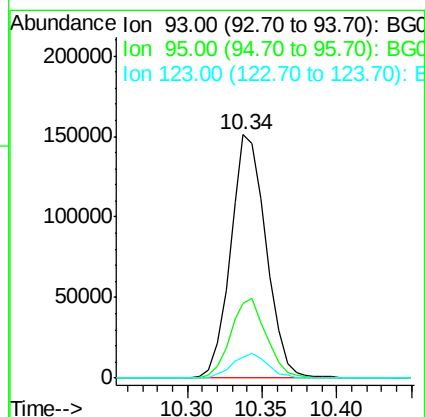
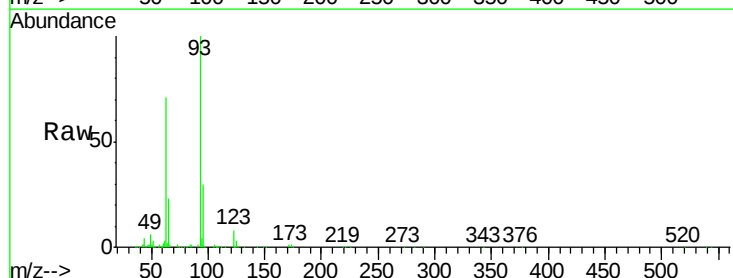
Tgt Ion: 93 Resp: 250099

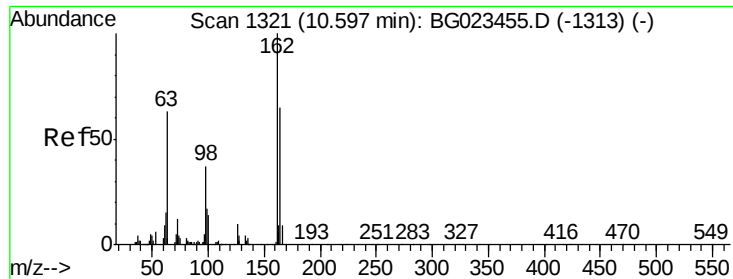
Ion Ratio Lower Upper

93 100

95 30.4 26.0 39.0

123 8.4 10.1 15.1#

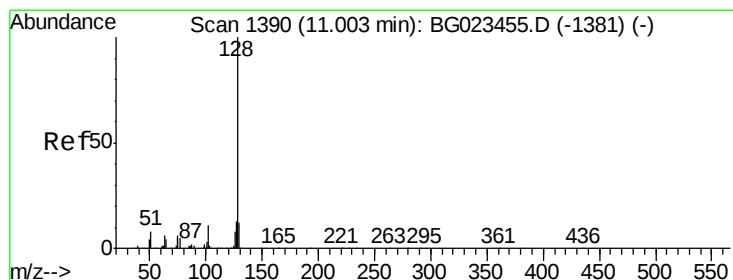
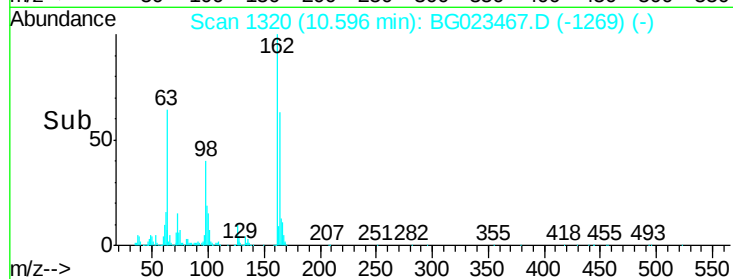
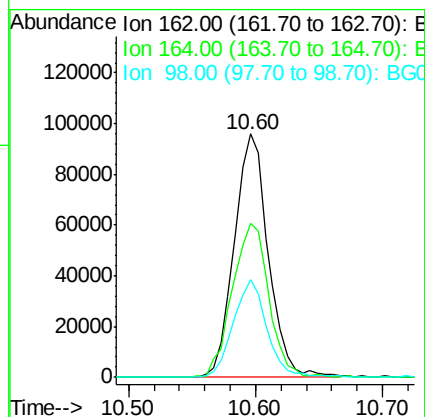
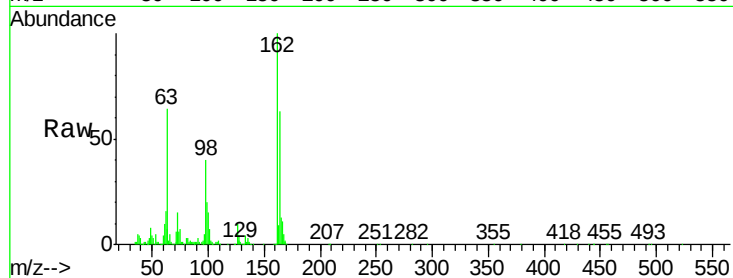




#27
 2,4-Dichlorophenol
 Concen: 21.12 ng/ul
 RT: 10.60 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: BG023467.D
 Acq: 5 Aug 2016 1:07

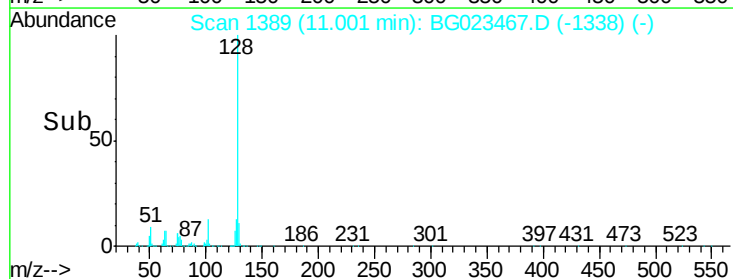
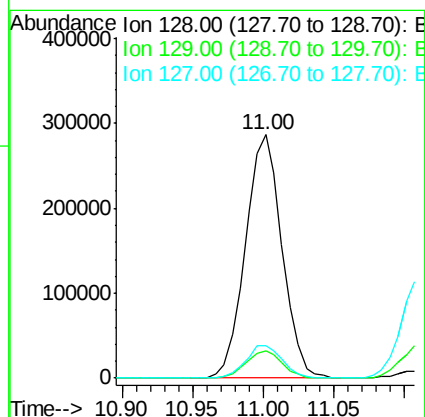
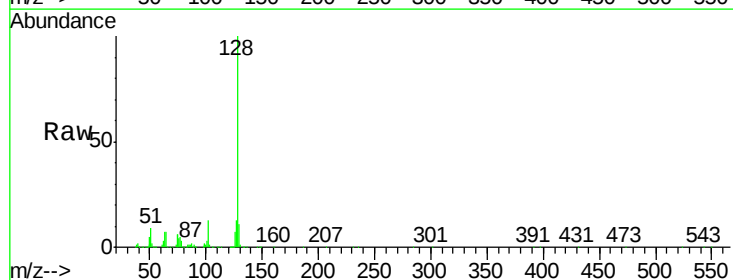
Instrument :
 BNA_G
 ClientSampleId :
 SST02008

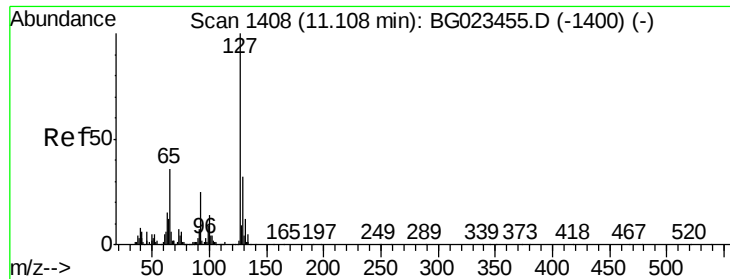
Tot Ion:162 Resp: 177428
 Ion Ratio Lower Upper
 162 100
 164 63.3 51.6 77.4
 98 39.9 28.3 42.5



#28
 Naphthalene
 Concen: 20.93 ng/ul
 RT: 11.00 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: BG023467.D
 Acq: 5 Aug 2016 1:07

Tgt Ion:128 Resp: 518453
 Ion Ratio Lower Upper
 128 100
 129 11.0 9.4 14.2
 127 13.1 11.2 16.8

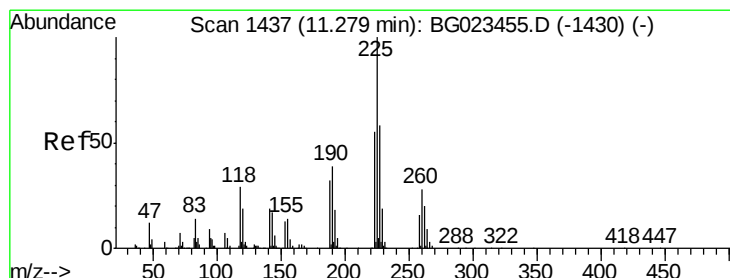
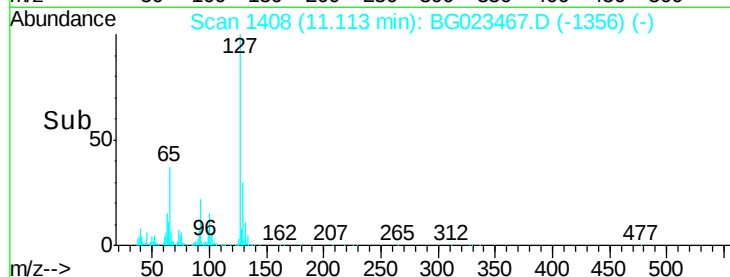
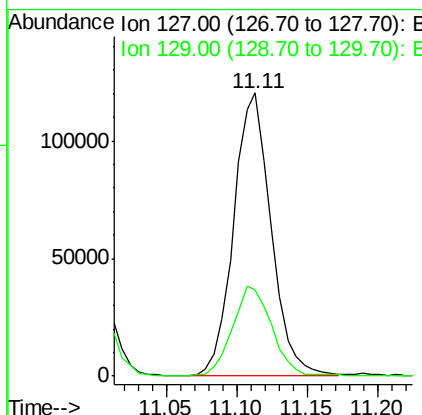
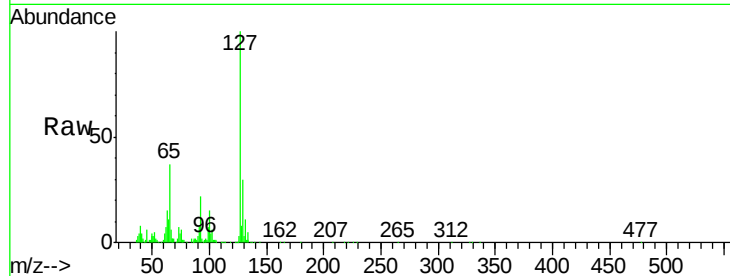




#30
4-Chloroaniline
Concen: 22.99 ng/ul
RT: 11.11 min Scan# 1408
Delta R.T. 0.00 min
Lab File: BG023467.D
Acq: 5 Aug 2016 1:07

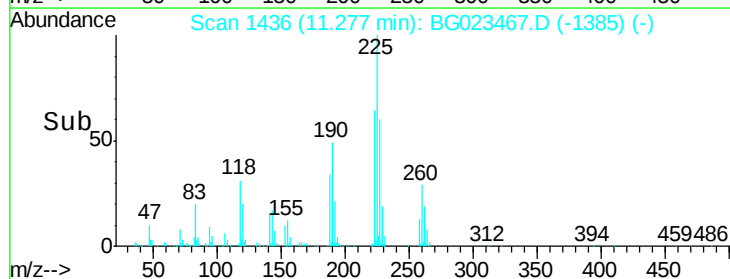
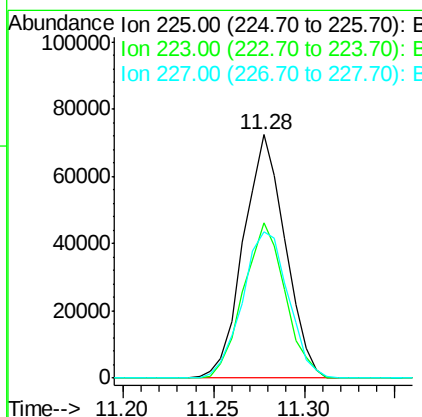
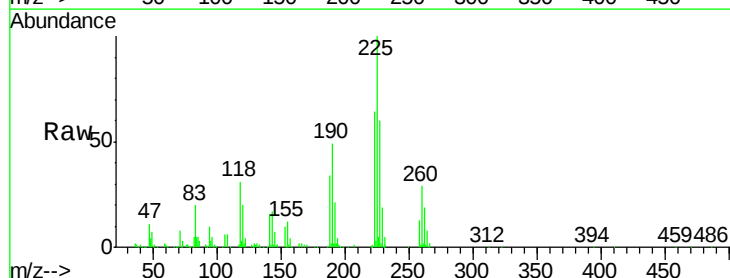
Instrument :
BNA_G
ClientSampleId :
SSTD02008

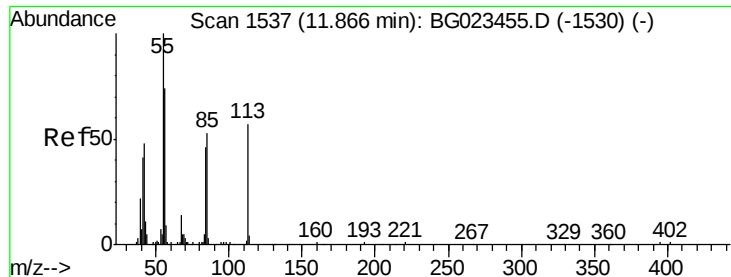
Tot Ion:127 Resp: 223014
Ion Ratio Lower Upper
127 100
129 30.3 26.9 40.3



#31
Hexachlorobutadiene
Concen: 20.76 ng/ul
RT: 11.28 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BG023467.D
Acq: 5 Aug 2016 1:07

Tgt Ion:225 Resp: 116153
Ion Ratio Lower Upper
225 100
223 63.9 54.7 82.1
227 60.3 52.2 78.4





#32

Caprolactam

Concen: 16.51 ng/ul

RT: 11.87 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BG023467.D

Acq: 5 Aug 2016 1:07

Instrument :

BNA_G

ClientSampleId :

SSTD02008

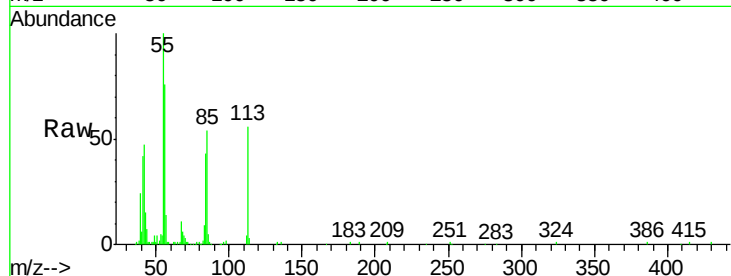
Tot Ion:113 Resp: 57601

Ion Ratio Lower Upper

113 100

55 177.5 99.6 149.4#

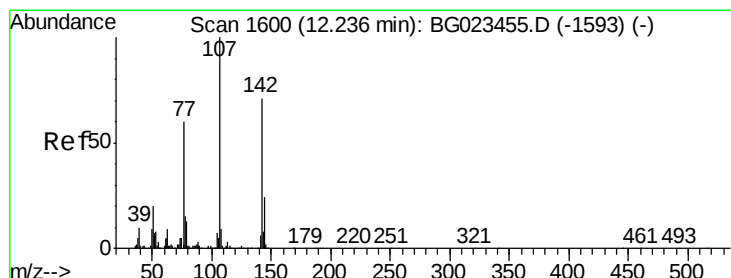
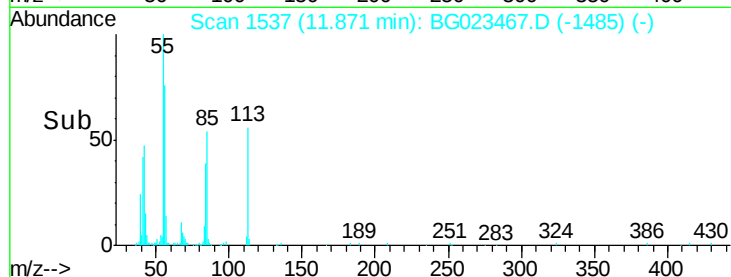
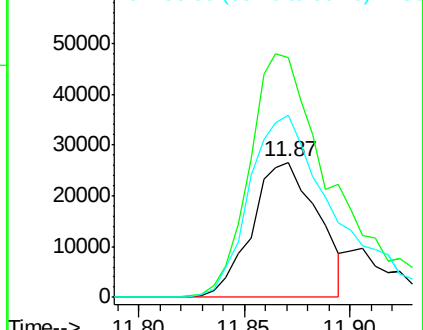
56 135.3 66.4 99.6#



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: 21.66 ng/ul

RT: 12.23 min Scan# 1599

Delta R.T. -0.00 min

Lab File: BG023467.D

Acq: 5 Aug 2016 1:07

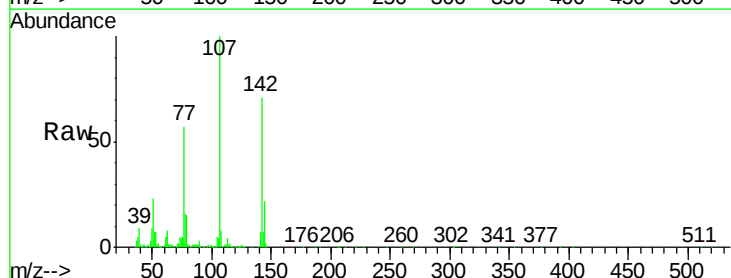
Tgt Ion:107 Resp: 234251

Ion Ratio Lower Upper

107 100

144 21.7 22.7 34.1#

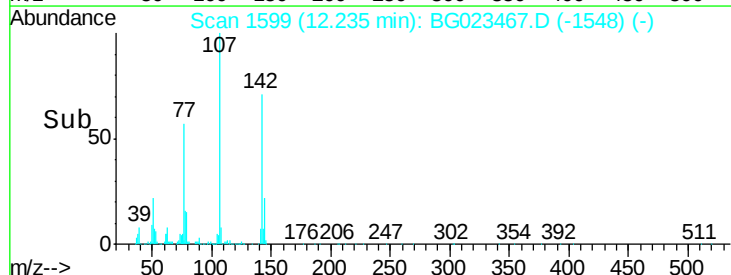
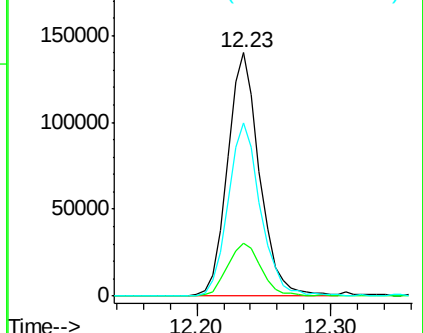
142 71.1 71.6 107.4#

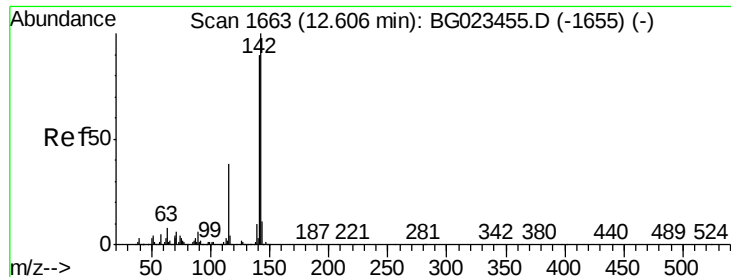


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 21.04 ng/ul

RT: 12.61 min Scan# 1662

Delta R.T. -0.00 min

Lab File: BG023467.D

Acq: 5 Aug 2016 1:07

Instrument :

BNA_G

ClientSampleId :

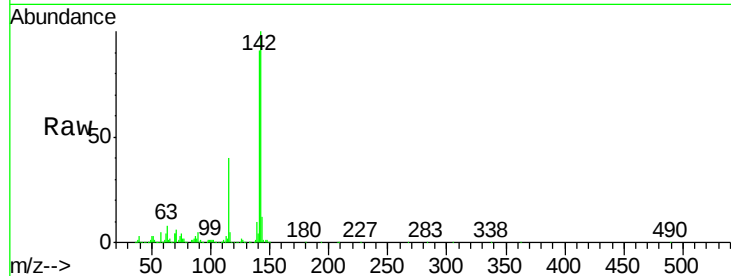
SSTD02008

Tot Ion:142 Resp: 422656

Ion Ratio Lower Upper

142 100

141 90.6 75.2 112.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.61

250000

200000

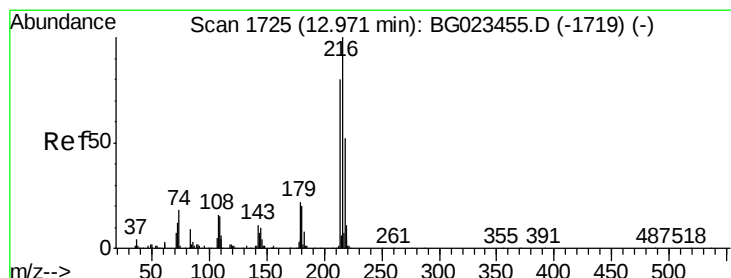
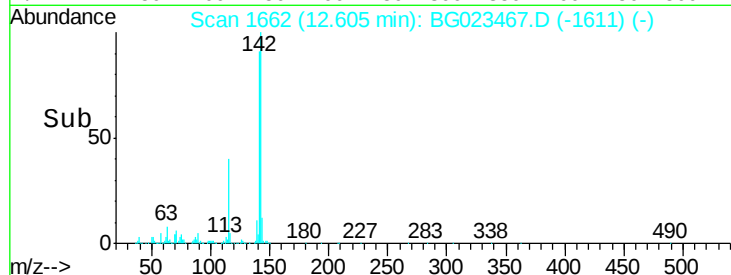
150000

100000

50000

0

Time--> 12.50 12.60 12.70



#36

1,2,4,5-Tetrachlorobenzene

Concen: 21.47 ng/ul

RT: 12.97 min Scan# 1724

Delta R.T. -0.00 min

Lab File: BG023467.D

Acq: 5 Aug 2016 1:07

Tgt Ion:216 Resp: 240766

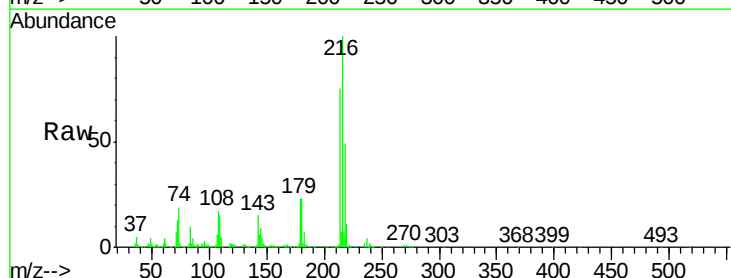
Ion Ratio Lower Upper

216 100

214 75.0 61.7 92.5

179 22.6 17.0 25.4

108 16.6 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

200000

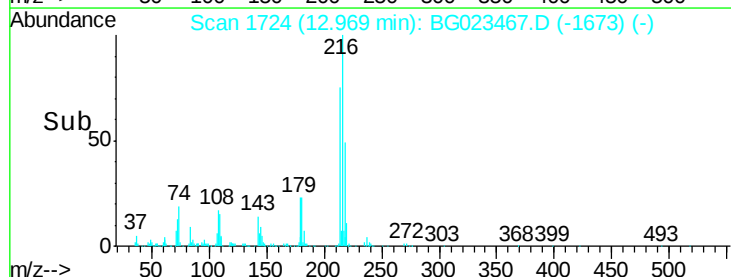
150000

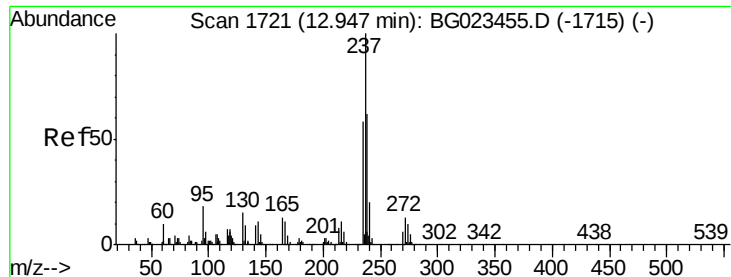
100000

50000

0

Time--> 12.90 12.95 13.00

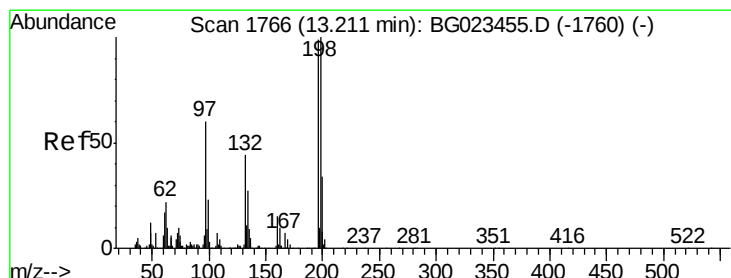
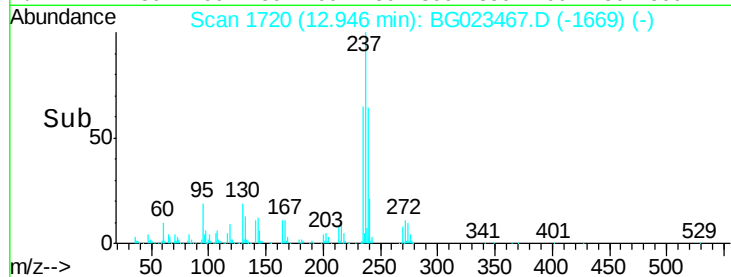
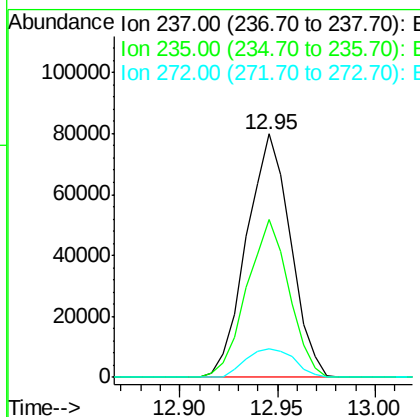
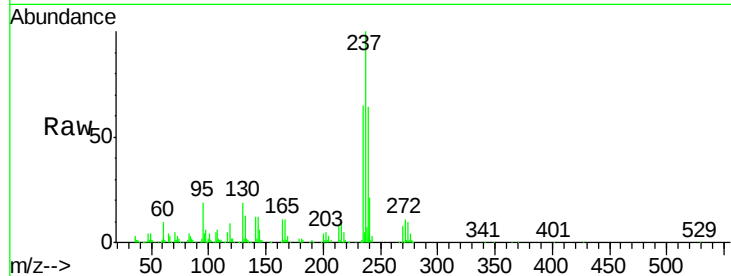




#37
Hexachlorocyclopentadiene
Concen: 20.06 ng/ul
RT: 12.95 min Scan# 1720
Delta R.T. -0.00 min
Lab File: BG023467.D
Acq: 5 Aug 2016 1:07

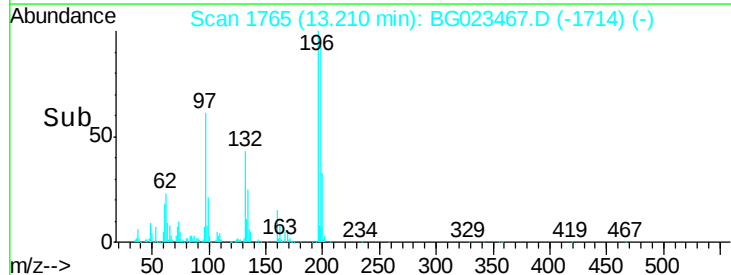
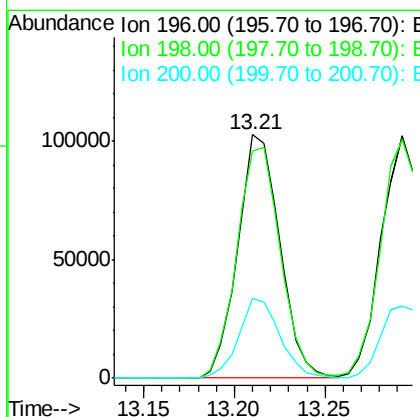
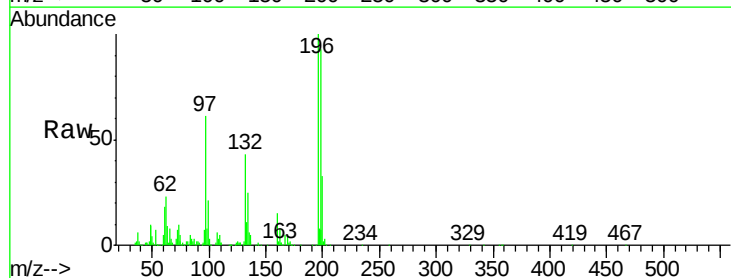
Instrument :
BNA_G
ClientSampleId :
SSTD02008

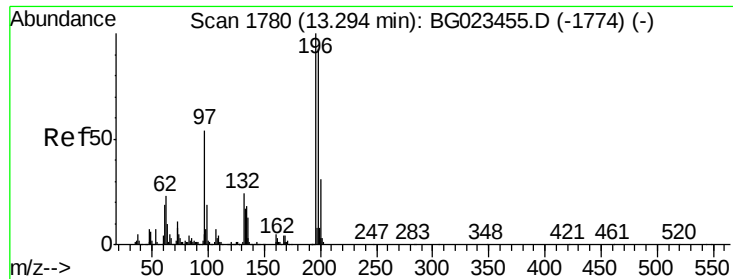
Tot Ion	Ratio	Lower	Upper
237	100		
235	64.6	49.6	74.4
272	11.9	9.3	13.9



#38
2,4,6-Trichlorophenol
Concen: 21.37 ng/ul
RT: 13.21 min Scan# 1765
Delta R.T. -0.00 min
Lab File: BG023467.D
Acq: 5 Aug 2016 1:07

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.4	77.4	116.0
200	32.6	26.6	39.8

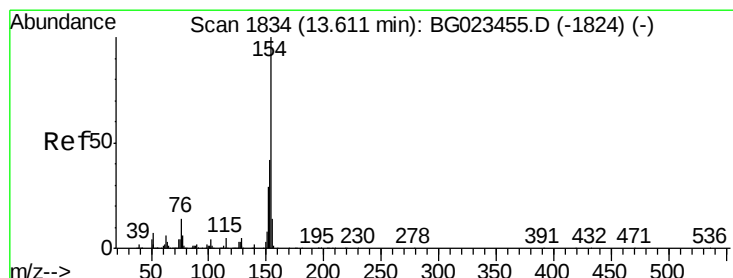
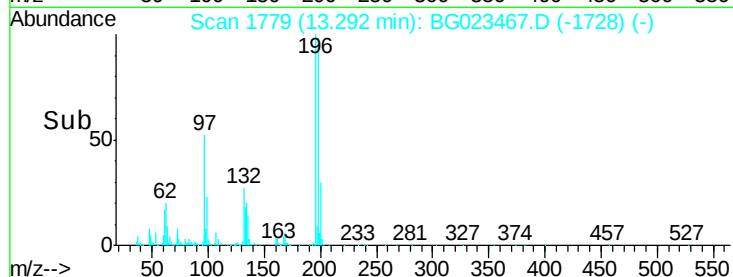
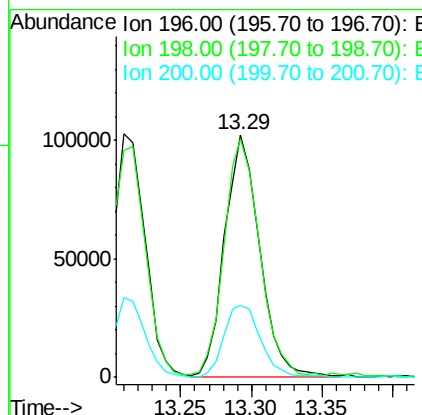
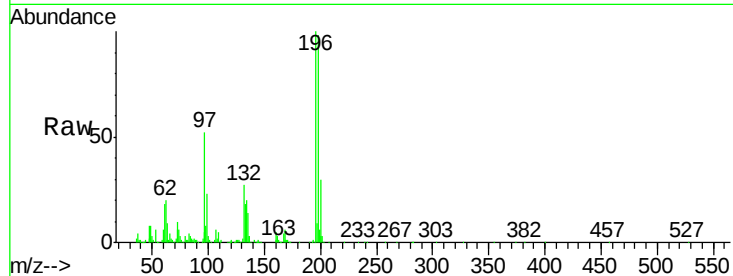




#39
 2,4,5-Trichlorophenol
 Concen: 21.37 ng/ul
 RT: 13.29 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: BG023467.D
 Acq: 5 Aug 2016 1:07

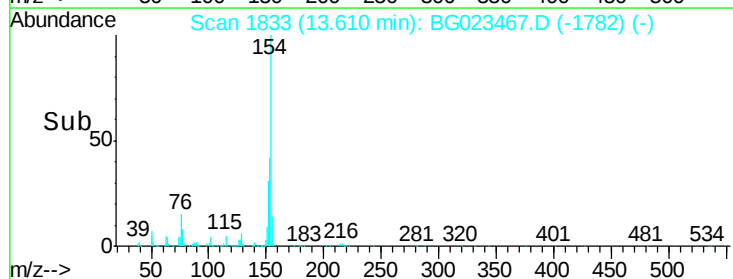
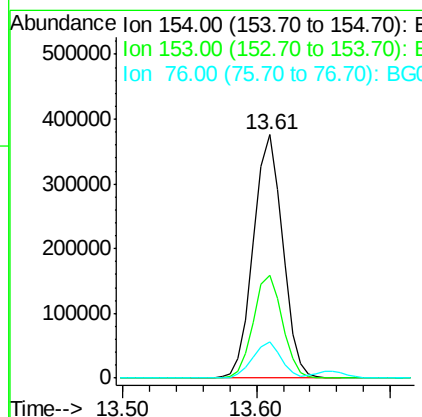
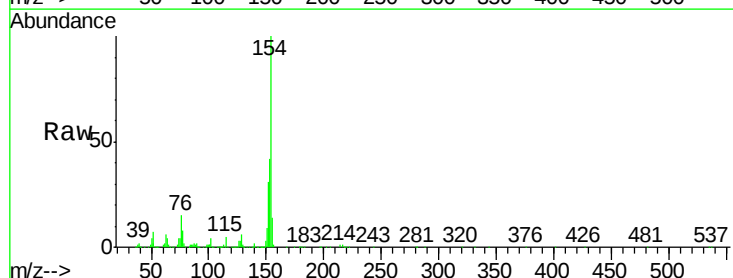
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02008

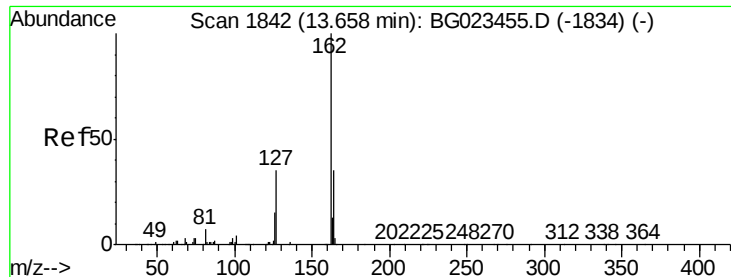
Tot Ion:196 Resp: 177923
 Ion Ratio Lower Upper
 196 100
 198 98.4 79.8 119.8
 200 29.6 24.0 36.0



#40
 1,1'-Biphenyl
 Concen: 21.16 ng/ul
 RT: 13.61 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: BG023467.D
 Acq: 5 Aug 2016 1:07

Tgt Ion:154 Resp: 567792
 Ion Ratio Lower Upper
 154 100
 153 42.1 34.6 52.0
 76 15.2 11.9 17.9

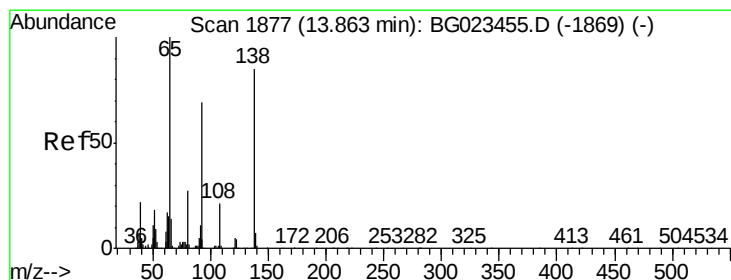
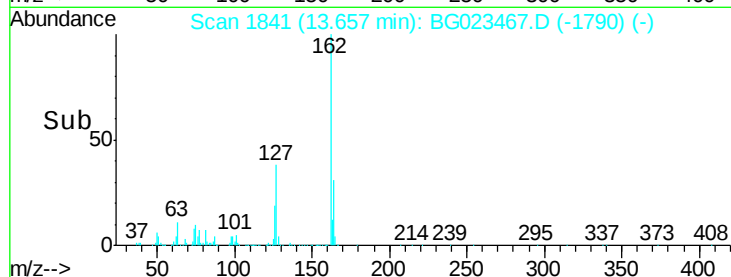
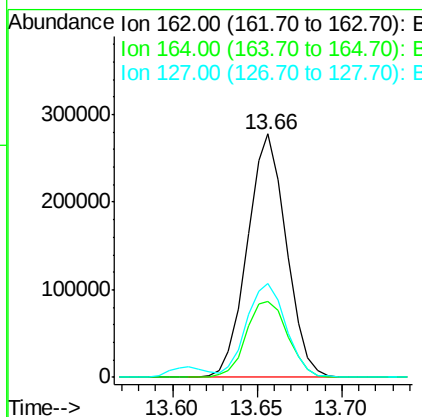
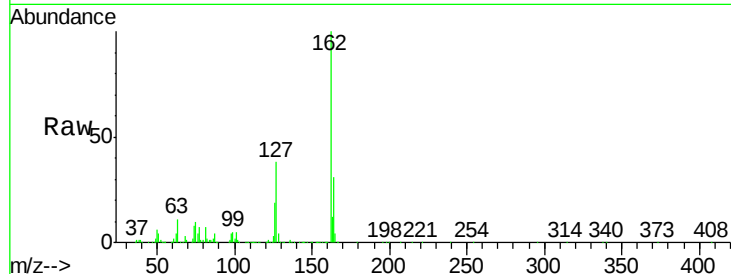




#41
2-Chloronaphthalene
Concen: 21.34 ng/ul
RT: 13.66 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BG023467.D
Acq: 5 Aug 2016 1:07

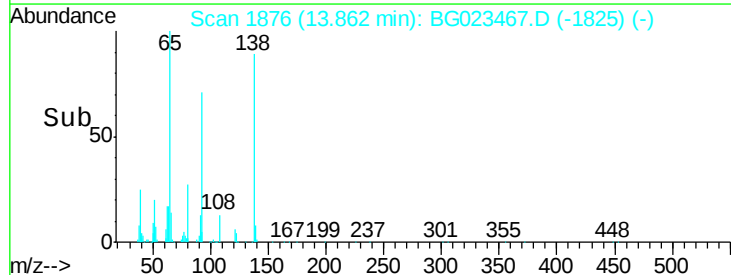
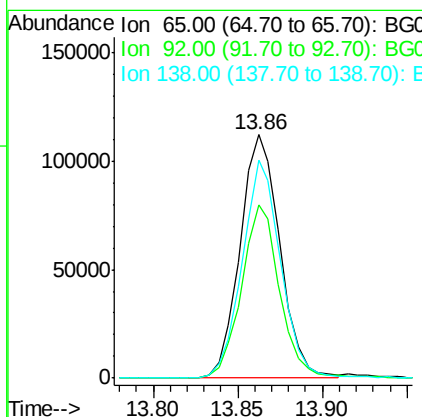
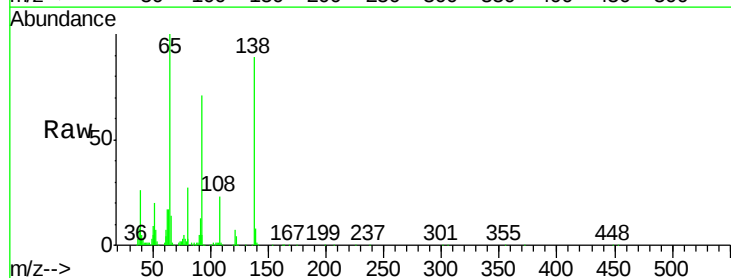
Instrument :
BNA_G
ClientSampleId :
SSTD02008

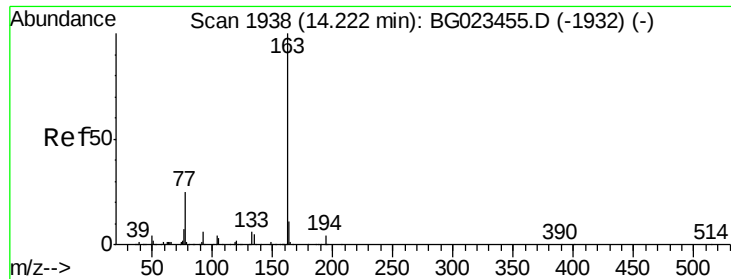
Tot Ion	Ratio	Lower	Upper
162	100		
164	31.4	25.4	38.2
127	38.3	30.2	45.4



#42
2-Nitroaniline
Concen: 21.52 ng/ul
RT: 13.86 min Scan# 1876
Delta R.T. -0.00 min
Lab File: BG023467.D
Acq: 5 Aug 2016 1:07

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.9	67.1	100.7
138	89.5	109.6	164.4#

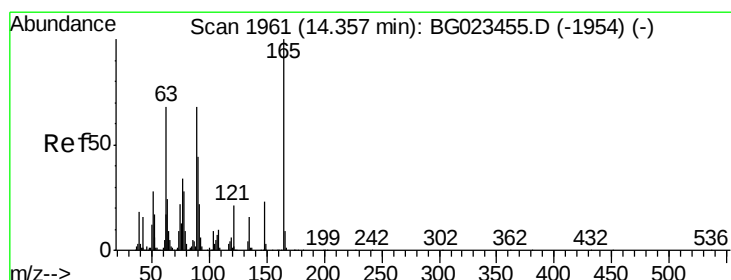
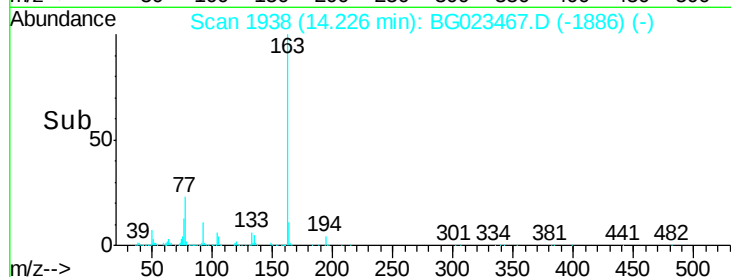
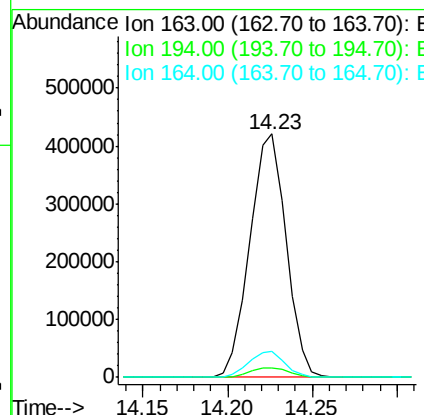
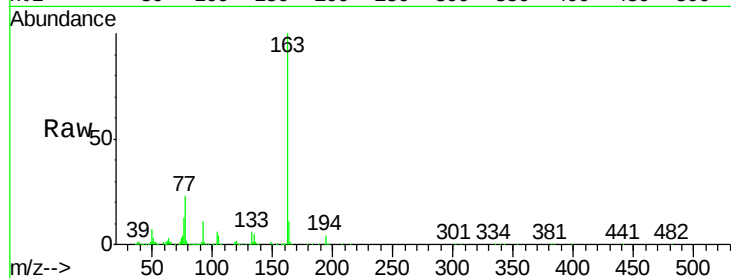




#44
Dimethylphthalate
Concen: 21.31 ng/ul
RT: 14.23 min Scan# 1938
Delta R.T. 0.00 min
Lab File: BG023467.D
Acq: 5 Aug 2016 1:07

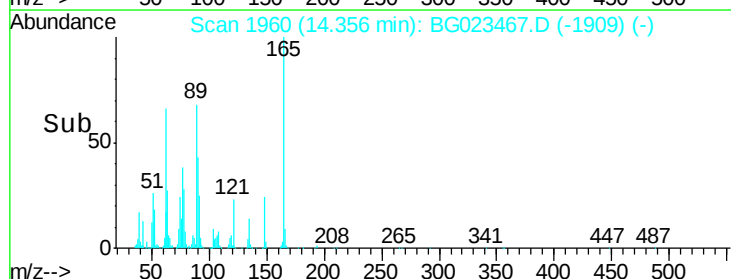
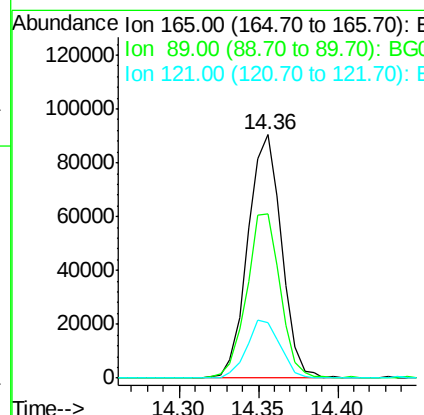
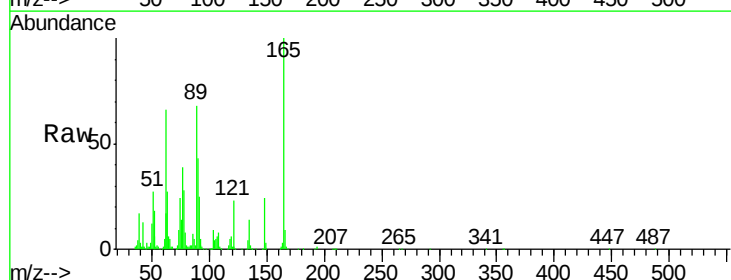
Instrument :
BNA_G
ClientSampled :
SSTD02008

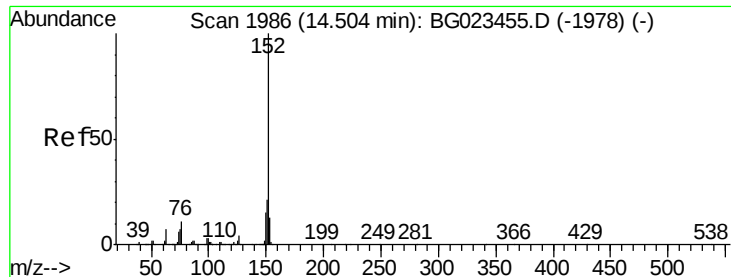
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	10.6	8.8	13.2



#45
2,6-Dinitrotoluene
Concen: 20.75 ng/ul
RT: 14.36 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BG023467.D
Acq: 5 Aug 2016 1:07

Tgt Ion	Ratio	Lower	Upper
165	100		
89	67.5	41.5	62.3#
121	23.0	17.0	25.4





#47

Acenaphthylene

Concen: 21.77 ng/ul

RT: 14.50 min Scan# 1985

Delta R.T. -0.00 min

Lab File: BG023467.D

Acq: 5 Aug 2016 1:07

Instrument :

BNA_G

ClientSampleId :

SSTD02008

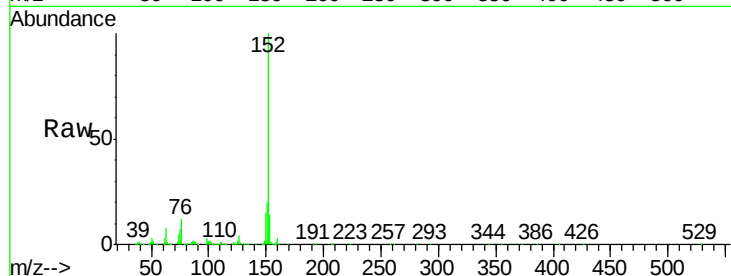
Tot Ion:152 Resp: 766195

Ion Ratio Lower Upper

152 100

151 20.2 17.5 26.3

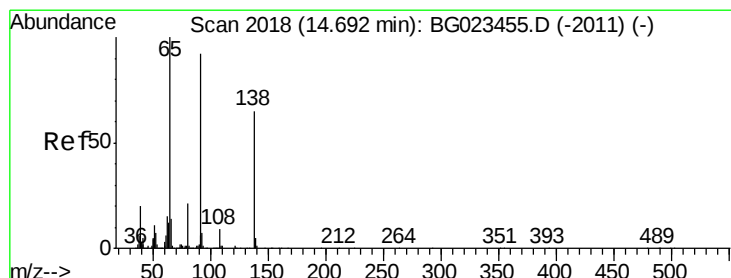
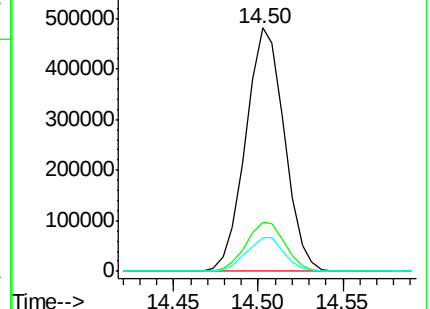
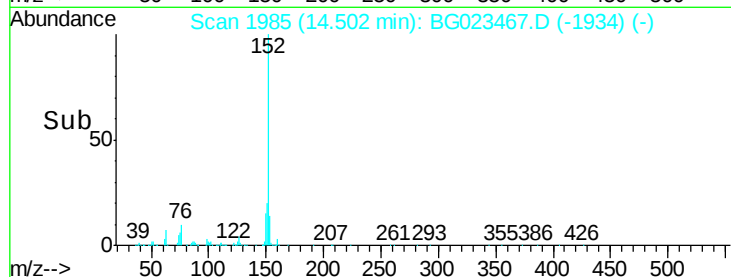
153 13.6 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#48

3-Nitroaniline

Concen: 21.55 ng/ul

RT: 14.69 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BG023467.D

Acq: 5 Aug 2016 1:07

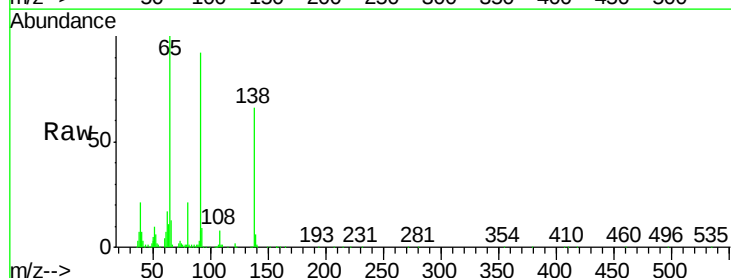
Tgt Ion:138 Resp: 130031

Ion Ratio Lower Upper

138 100

108 11.5 6.2 9.2#

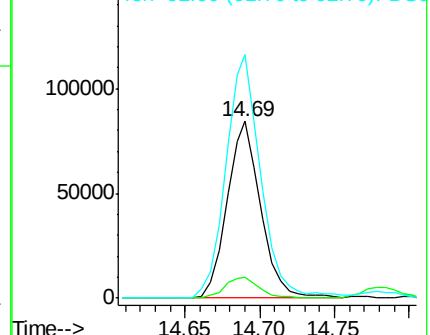
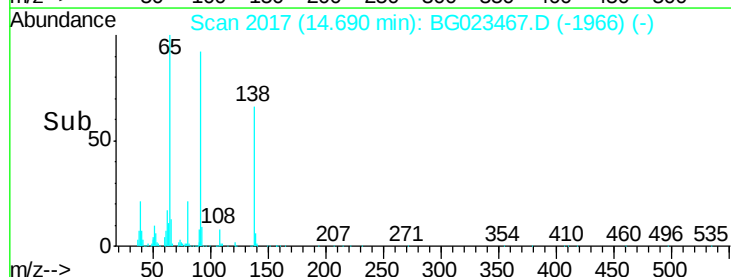
92 137.9 79.3 118.9#

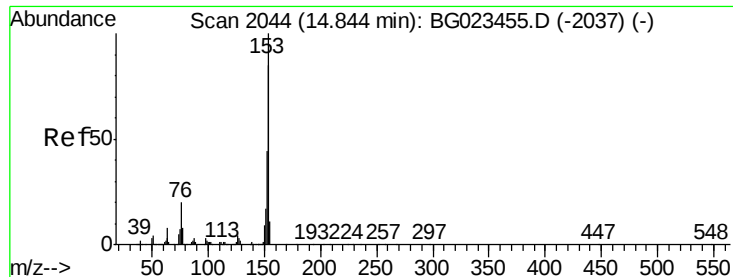


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#49

Acenaphthene

Concen: 21.27 ng/ul

RT: 14.84 min Scan# 2043

Delta R.T. -0.00 min

Lab File: BG023467.D

Acq: 5 Aug 2016 1:07

Instrument :

BNA_G

ClientSampleId :

SSTD02008

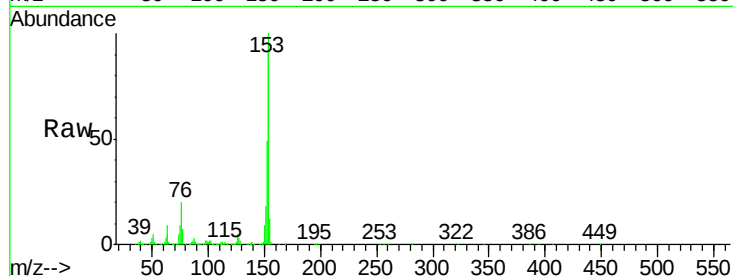
Tot Ion:153 Resp: 510079

Ion Ratio Lower Upper

153 100

152 49.3 37.3 55.9

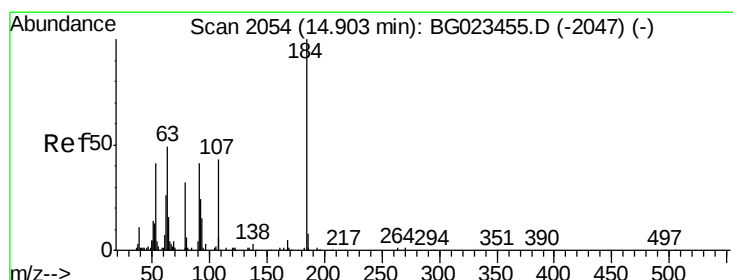
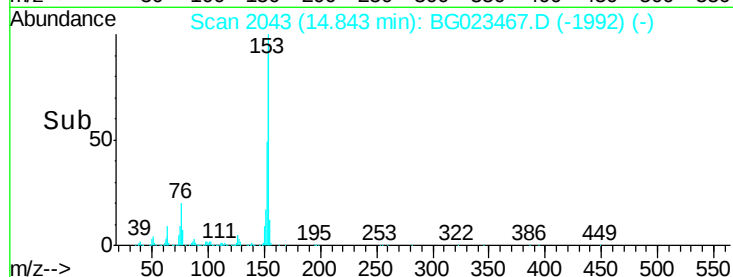
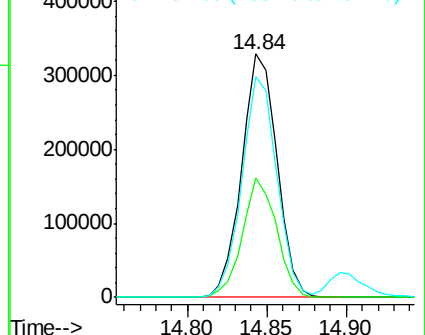
154 90.5 68.2 102.2



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#50

2,4-Dinitrophenol

Concen: 20.50 ng/ul

RT: 14.90 min Scan# 2053

Delta R.T. -0.00 min

Lab File: BG023467.D

Acq: 5 Aug 2016 1:07

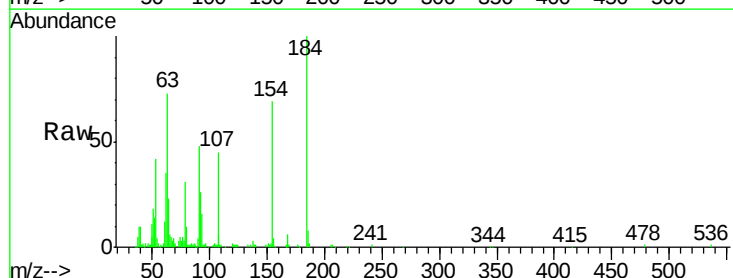
Tgt Ion:184 Resp: 81180

Ion Ratio Lower Upper

184 100

63 72.5 40.5 60.7#

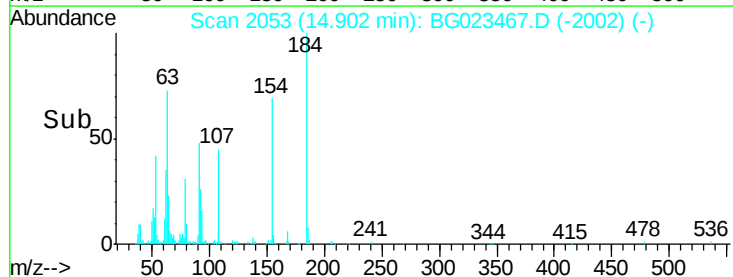
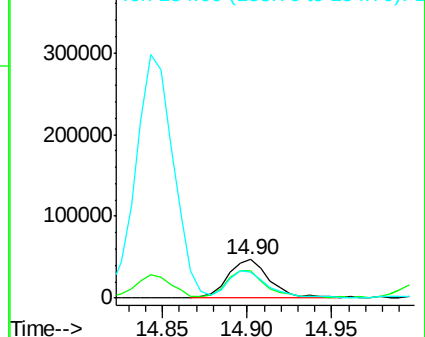
154 68.5 48.5 72.7

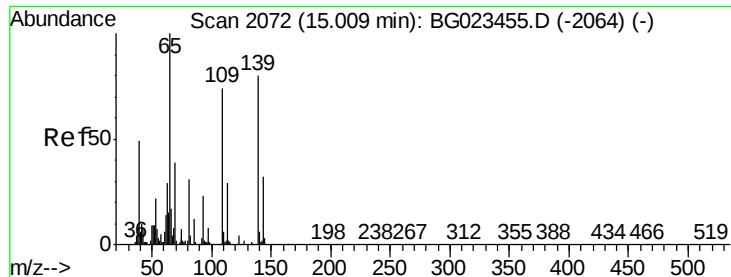


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 19.03 ng/ul

RT: 15.01 min Scan# 2071

Delta R.T. -0.00 min

Lab File: BG023467.D

Acq: 5 Aug 2016 1:07

Instrument :

BNA_G

ClientSampleId :

SSTD02008

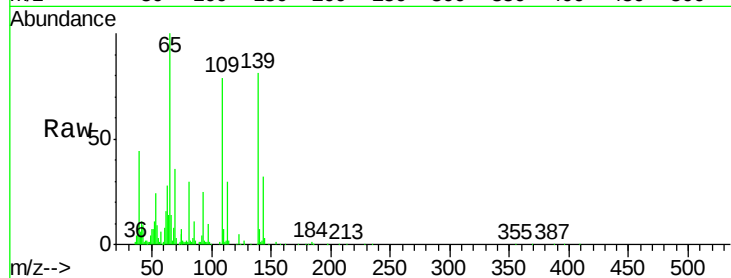
Tot Ion:109 Resp: 97287

Ion Ratio Lower Upper

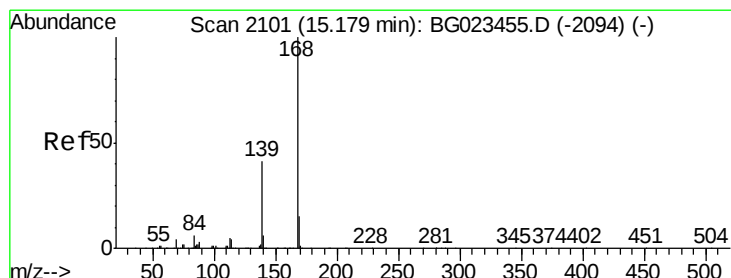
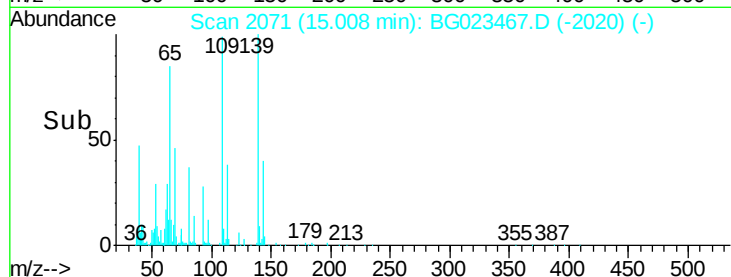
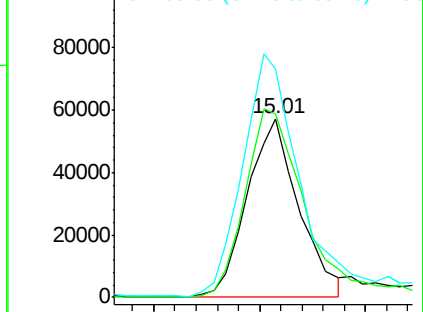
109 100

139 102.7 136.1 204.1#

65 127.3 106.0 159.0



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



#53

Dibenzofuran

Concen: 21.18 ng/ul

RT: 15.18 min Scan# 2100

Delta R.T. -0.00 min

Lab File: BG023467.D

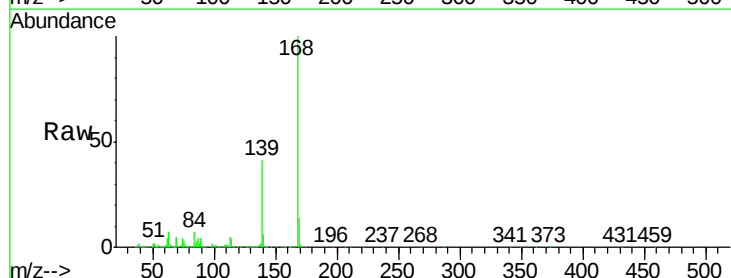
Acq: 5 Aug 2016 1:07

Tgt Ion:168 Resp: 752633

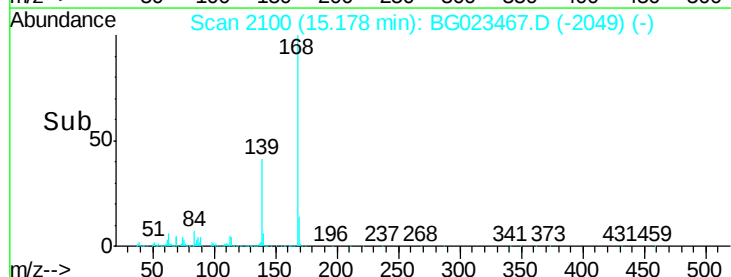
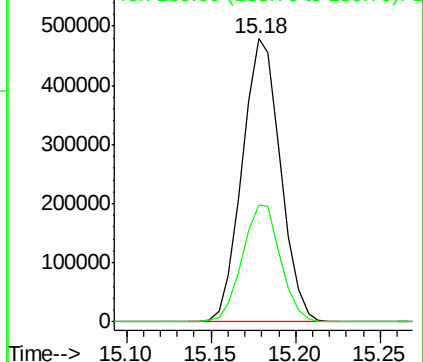
Ion Ratio Lower Upper

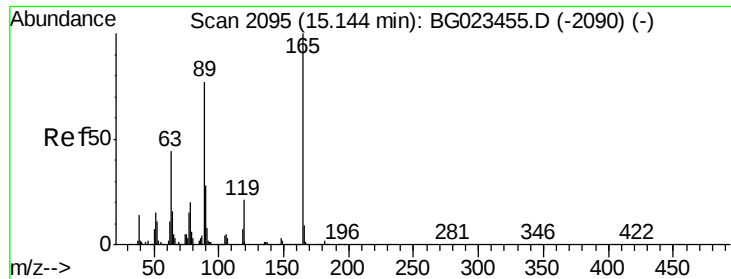
168 100

139 41.4 27.4 41.0#



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E

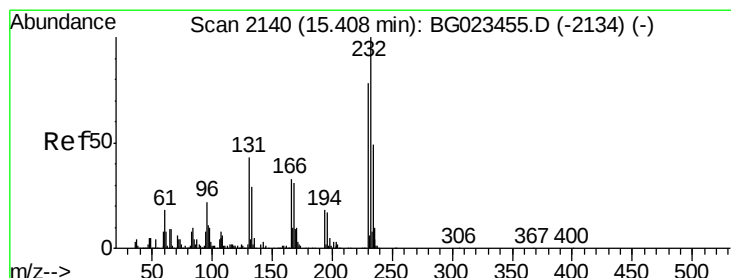
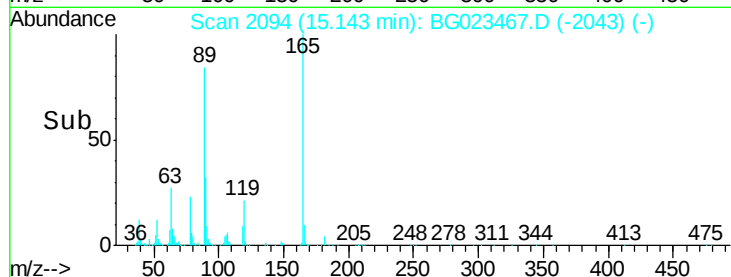
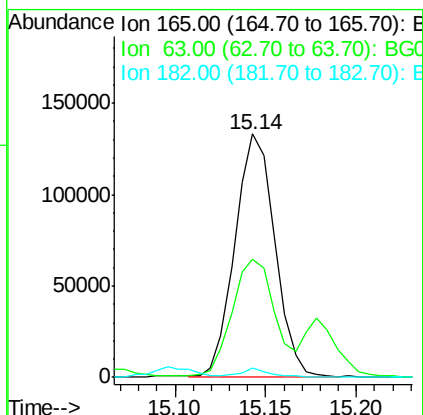
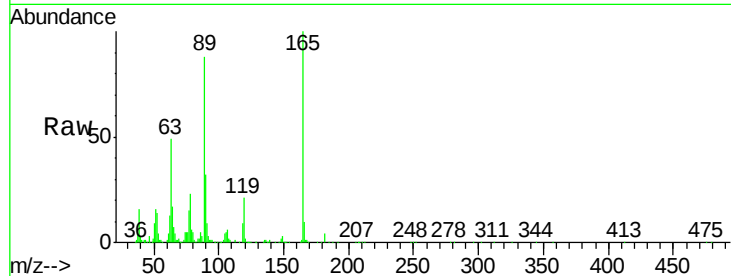




#54
 2,4-Dinitrotoluene
 Concen: 21.05 ng/ul
 RT: 15.14 min Scan# 2094
 Delta R.T. -0.00 min
 Lab File: BG023467.D
 Acq: 5 Aug 2016 1:07

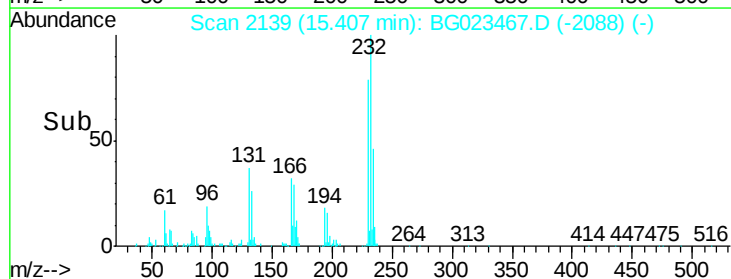
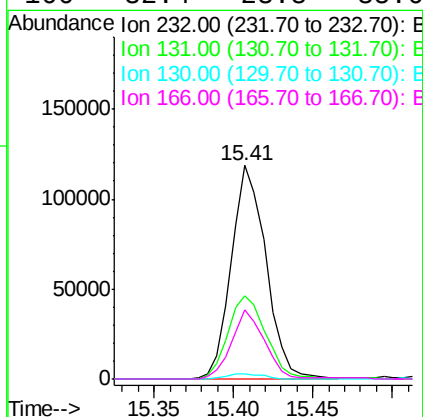
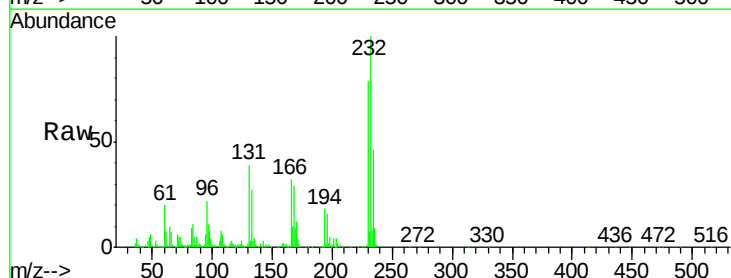
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02008

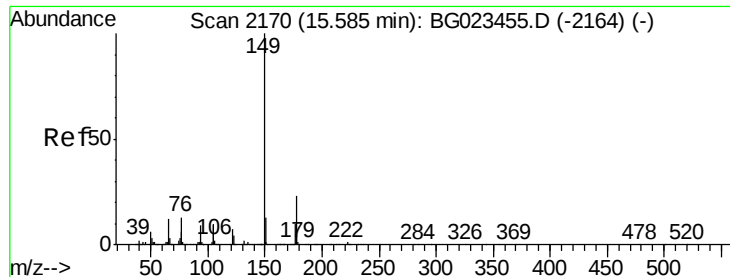
Tot Ion:165 Resp: 204753
 Ion Ratio Lower Upper
 165 100
 63 48.6 25.7 38.5#
 182 3.6 2.1 3.1#



#55
 2,3,4,6-Tetrachlorophenol
 Concen: 21.12 ng/ul
 RT: 15.41 min Scan# 2139
 Delta R.T. -0.00 min
 Lab File: BG023467.D
 Acq: 5 Aug 2016 1:07

Tgt Ion:232 Resp: 180610
 Ion Ratio Lower Upper
 232 100
 131 39.0 34.8 52.2
 130 2.4 2.2 3.2
 166 32.4 23.8 35.6





#56

Diethylphthalate

Concen: 21.57 ng/ul

RT: 15.59 min Scan# 2170

Delta R.T. 0.00 min

Lab File: BG023467.D

Acq: 5 Aug 2016 1:07

Instrument :

BNA_G

ClientSampleId :

SSTD02008

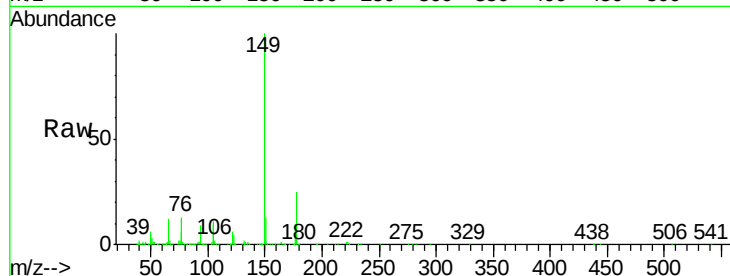
Tot Ion:149 Resp: 667550

Ion Ratio Lower Upper

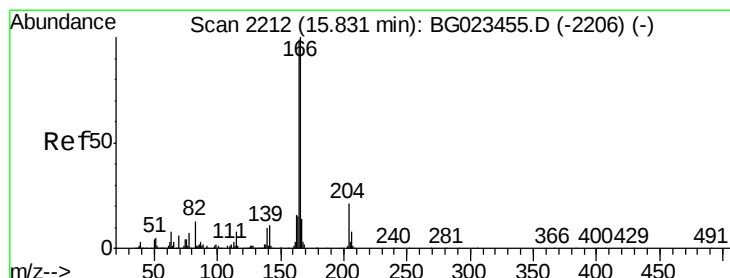
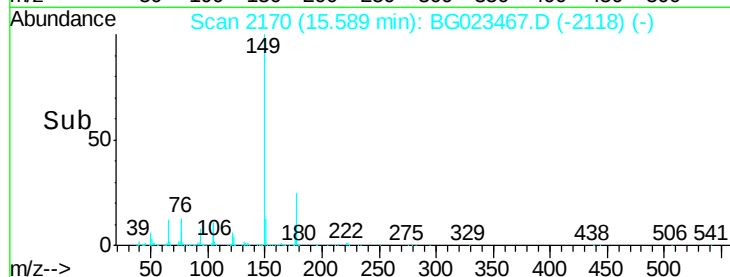
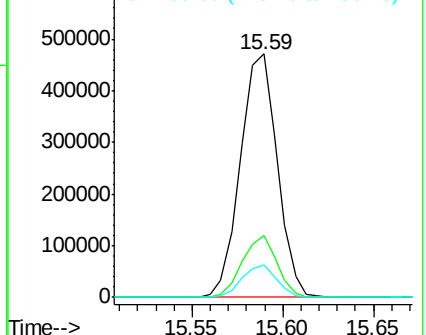
149 100

177 25.4 17.4 26.2

150 13.2 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: 21.45 ng/ul

RT: 15.83 min Scan# 2211

Delta R.T. -0.00 min

Lab File: BG023467.D

Acq: 5 Aug 2016 1:07

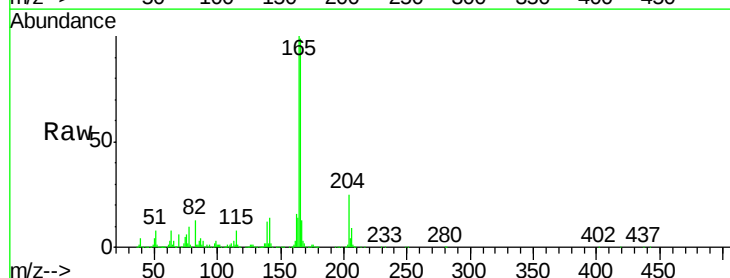
Tgt Ion:166 Resp: 634888

Ion Ratio Lower Upper

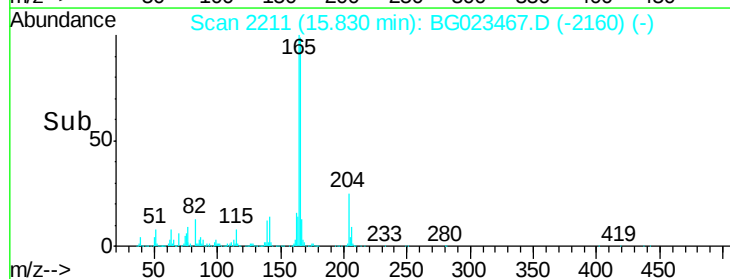
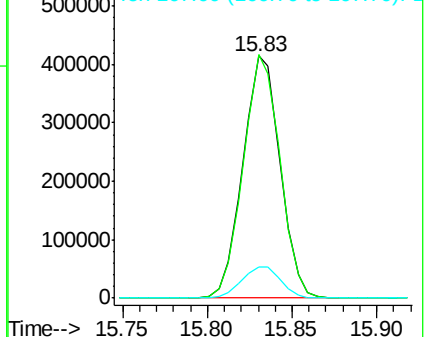
166 100

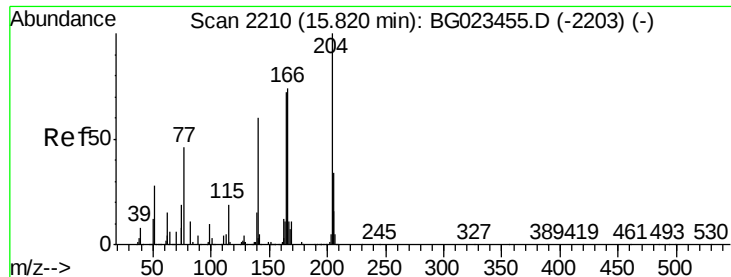
165 100.7 80.3 120.5

167 13.1 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

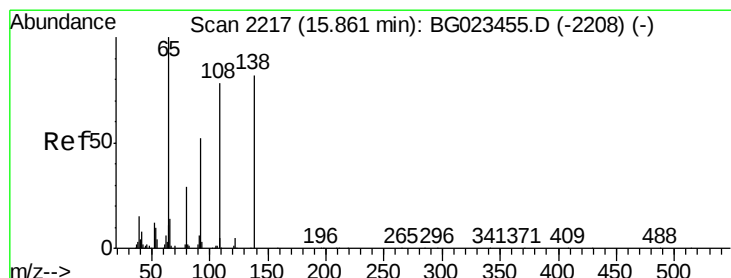
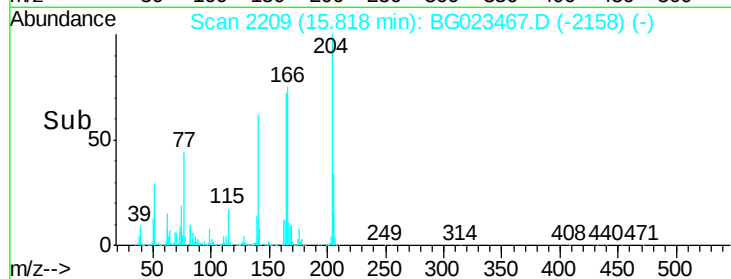
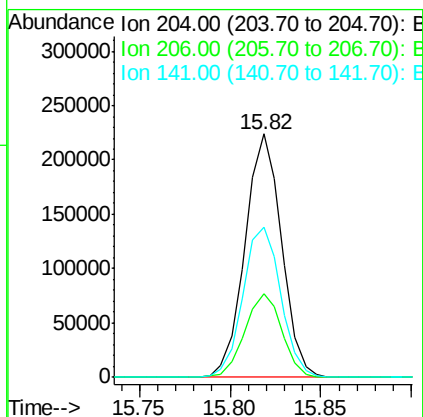
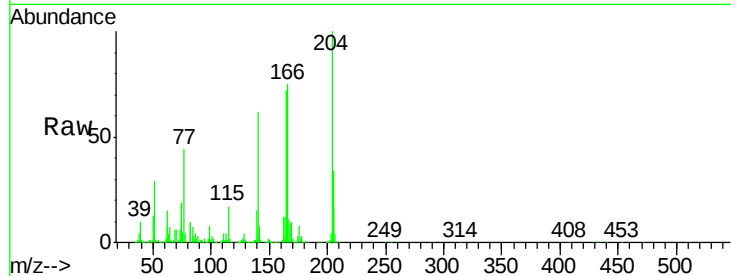




#59
4-Chlorophenyl-phenylether
Concen: 21.19 ng/ul
RT: 15.82 min Scan# 2209
Delta R.T. -0.00 min
Lab File: BG023467.D
Acq: 5 Aug 2016 1:07

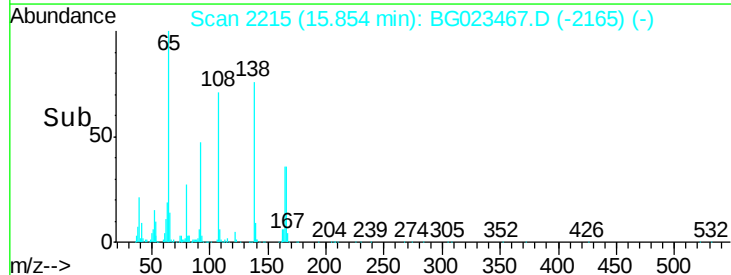
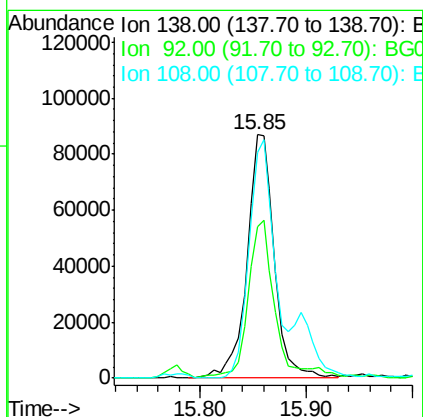
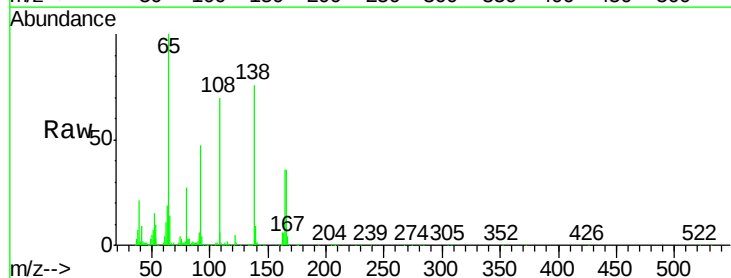
Instrument :
BNA_G
ClientSampleId :
SSTD02008

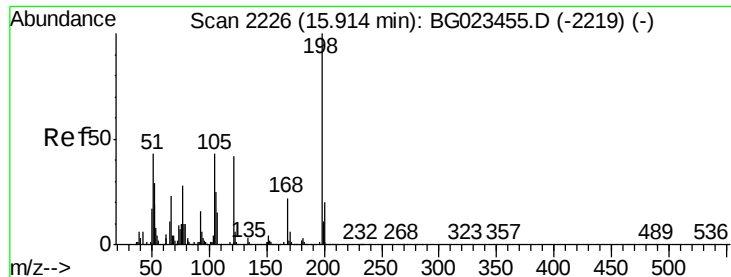
Tot Ion:204 Resp: 315443
Ion Ratio Lower Upper
204 100
206 34.4 27.4 41.2
141 61.5 47.1 70.7



#60
4-Nitroaniline
Concen: 22.40 ng/ul
RT: 15.85 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BG023467.D
Acq: 5 Aug 2016 1:07

Tgt Ion:138 Resp: 156742
Ion Ratio Lower Upper
138 100
92 62.3 39.0 58.4#
108 92.7 49.2 73.8#

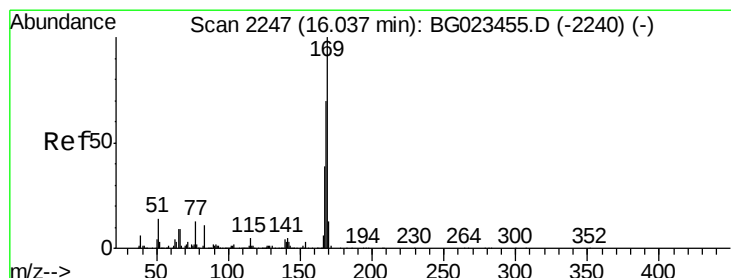
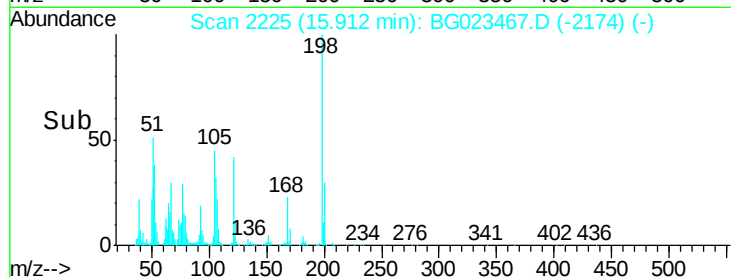
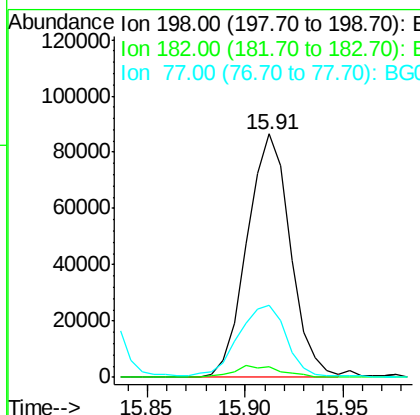
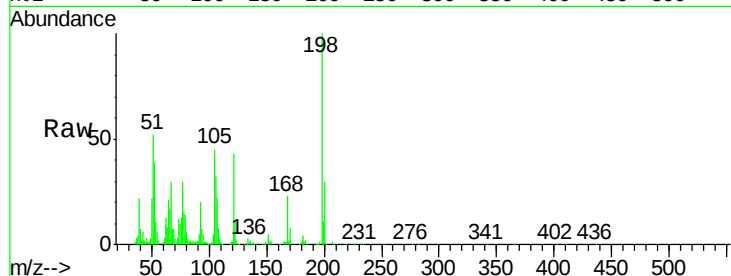




#63
 4,6-Dinitro-2-methylphenol
 Concen: 20.61 ng/ul
 RT: 15.91 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: BG023467.D
 Acq: 5 Aug 2016 1:07

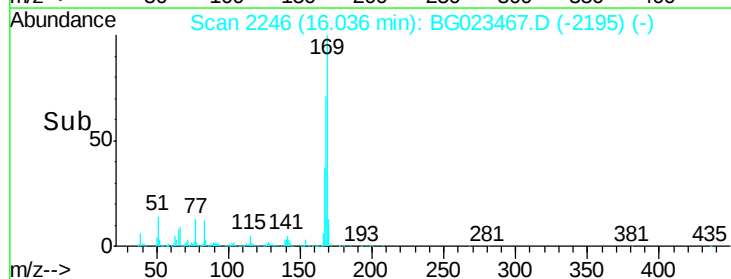
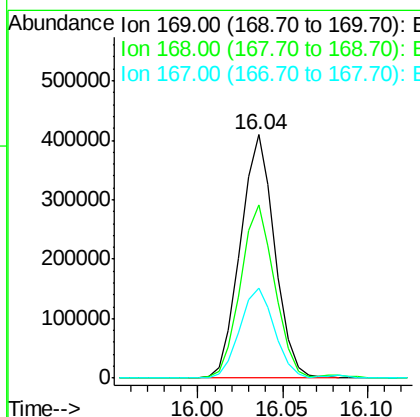
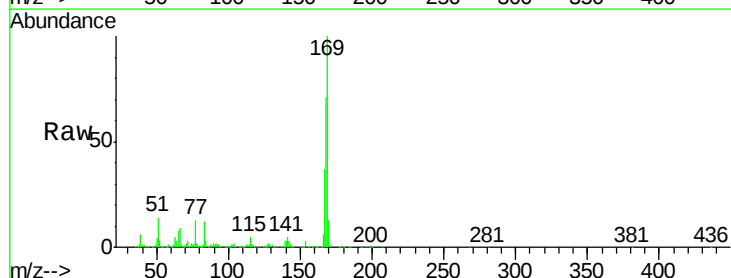
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02008

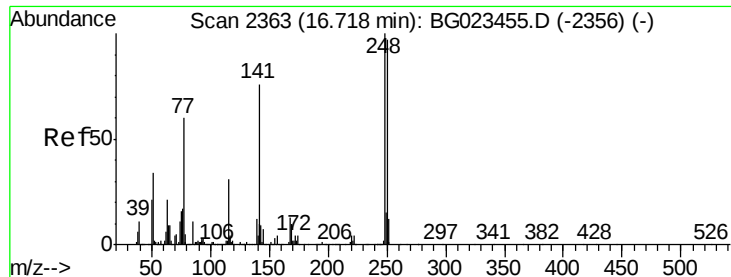
Tot Ion	198	Resp	132533
Ion Ratio	100	Lower	Upper
182	4.4	4.2	6.2
77	29.8	16.7	25.1#



#64
 N-Nitrosodiphenylamine
 Concen: 21.67 ng/ul
 RT: 16.04 min Scan# 2246
 Delta R.T. -0.00 min
 Lab File: BG023467.D
 Acq: 5 Aug 2016 1:07

Tgt Ion	169	Resp	578376
Ion Ratio	100	Lower	Upper
168	71.1	59.0	88.6
167	37.0	30.6	46.0

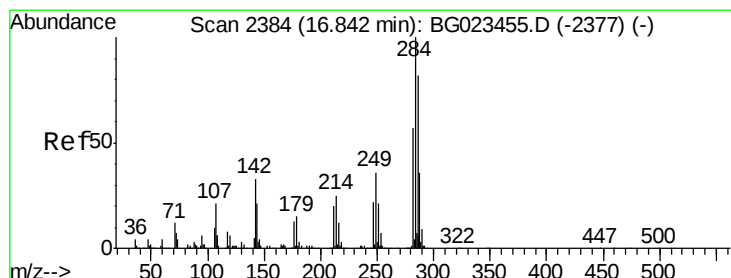
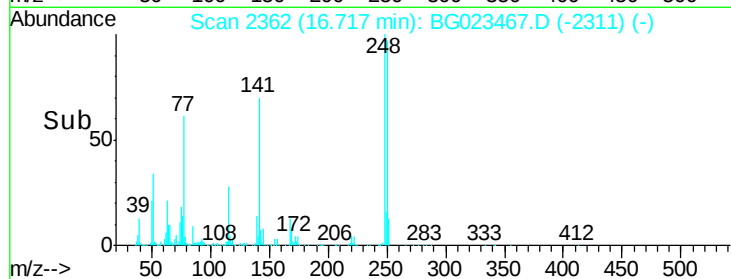
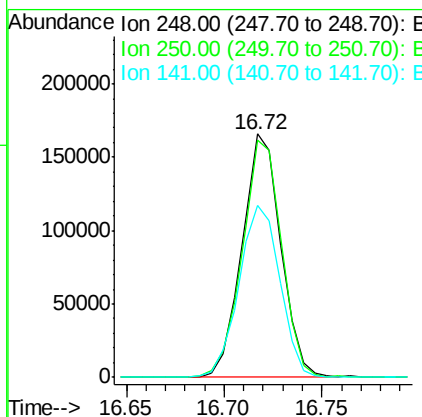
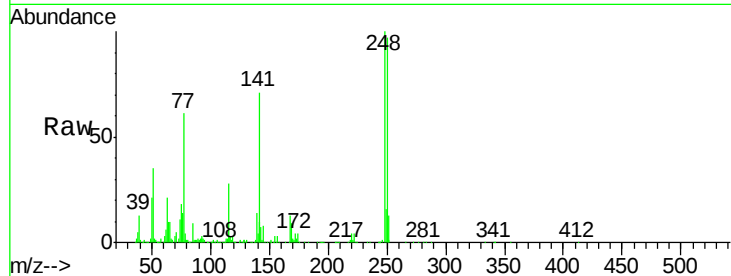




#65
4-Bromophenyl-phenylether
Concen: 20.81 ng/ul
RT: 16.72 min Scan# 2362
Delta R.T. -0.00 min
Lab File: BG023467.D
Acq: 5 Aug 2016 1:07

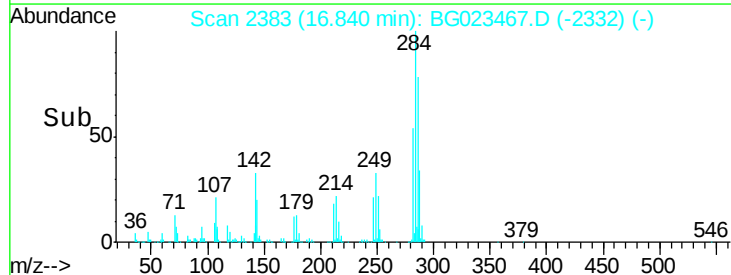
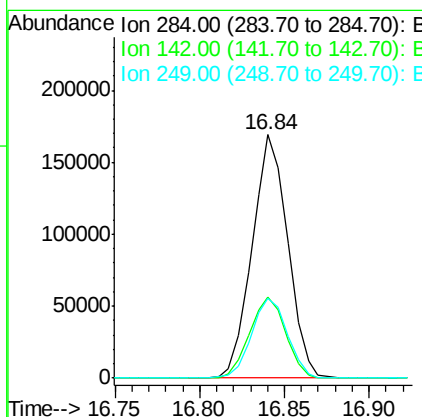
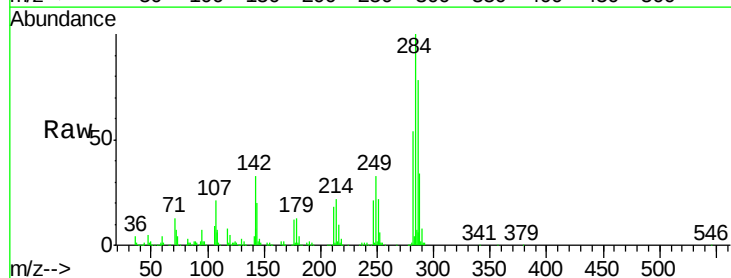
Instrument :
BNA_G
ClientSampleId :
SSTD02008

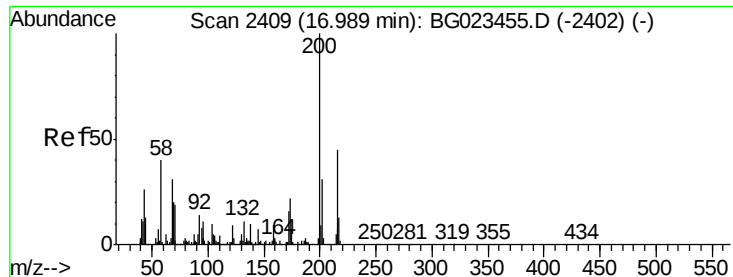
Tot Ion:248 Resp: 227928
Ion Ratio Lower Upper
248 100
250 97.3 76.6 114.8
141 70.9 61.8 92.6



#66
Hexachlorobenzene
Concen: 21.21 ng/ul
RT: 16.84 min Scan# 2383
Delta R.T. -0.00 min
Lab File: BG023467.D
Acq: 5 Aug 2016 1:07

Tgt Ion:284 Resp: 247476
Ion Ratio Lower Upper
284 100
142 33.4 27.8 41.8
249 32.7 24.4 36.6

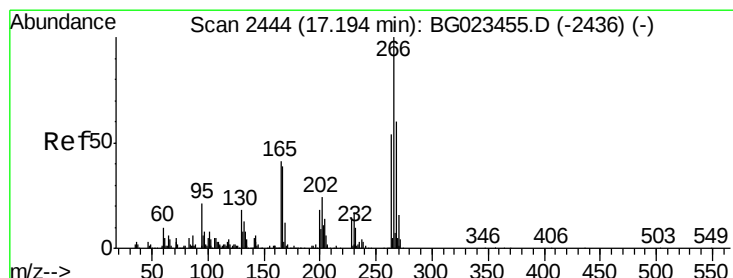
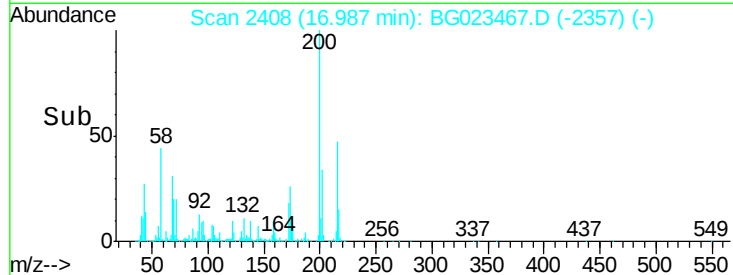
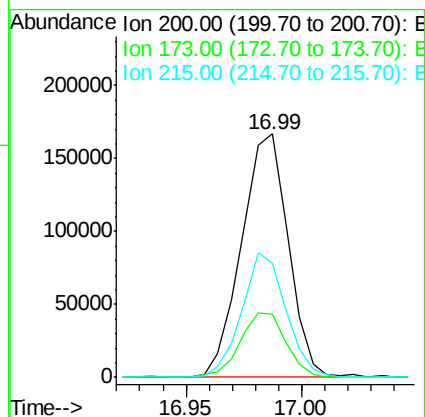
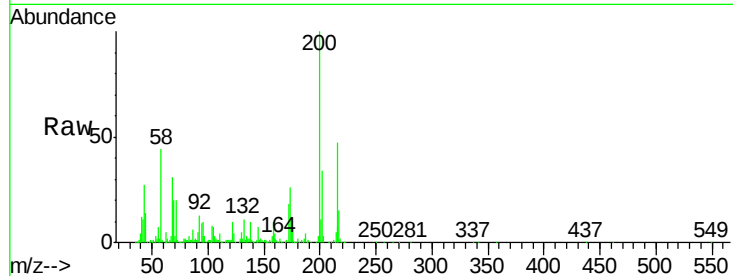




#67
Atrazine
Concen: 21.30 ng/ul
RT: 16.99 min Scan# 2408
Delta R.T. -0.00 min
Lab File: BG023467.D
Acq: 5 Aug 2016 1:07

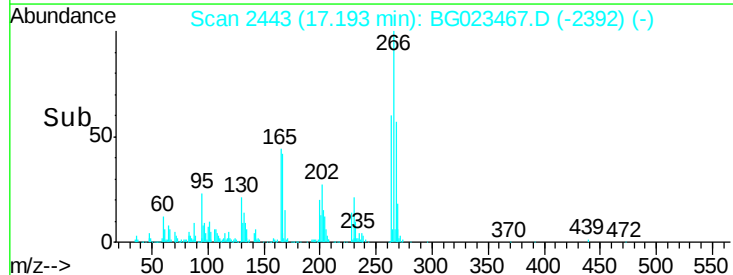
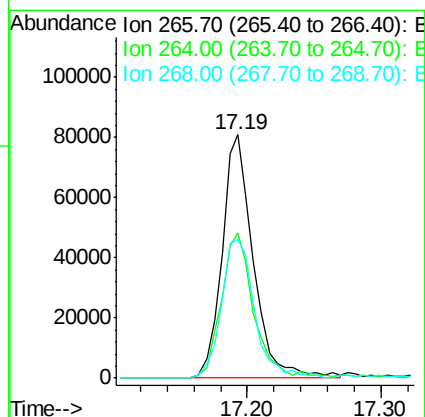
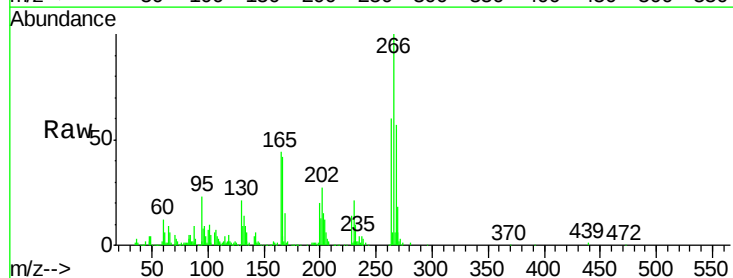
Instrument :
BNA_G
ClientSampleId :
SSTD02008

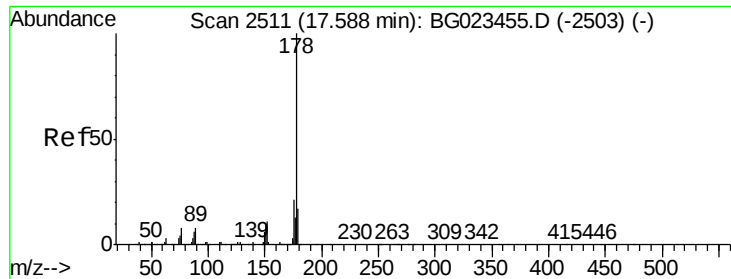
Tot Ion:200 Resp: 234759
Ion Ratio Lower Upper
200 100
173 26.1 21.0 31.6
215 47.0 37.9 56.9



#68
Pentachlorophenol
Concen: 20.58 ng/ul
RT: 17.19 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG023467.D
Acq: 5 Aug 2016 1:07

Tgt Ion:266 Resp: 132495
Ion Ratio Lower Upper
266 100
264 59.5 54.7 82.1
268 56.8 57.8 86.8#





#69

Phenanthrene

Concen: 21.70 ng/ul

RT: 17.59 min Scan# 2510

Delta R.T. -0.00 min

Lab File: BG023467.D

Acq: 5 Aug 2016 1:07

Instrument :

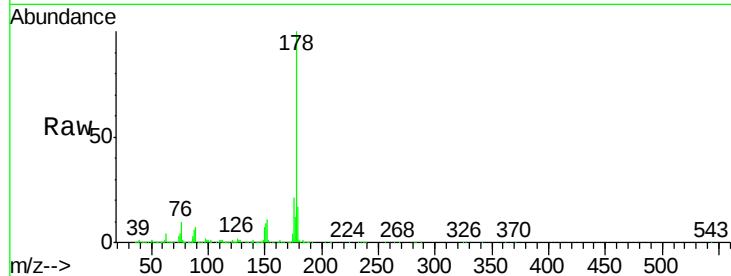
BNA_G

ClientSampleId :

SSTD02008

Tot Ion:178 Resp: 1073088

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.9	19.3
176	21.4	15.8	23.8

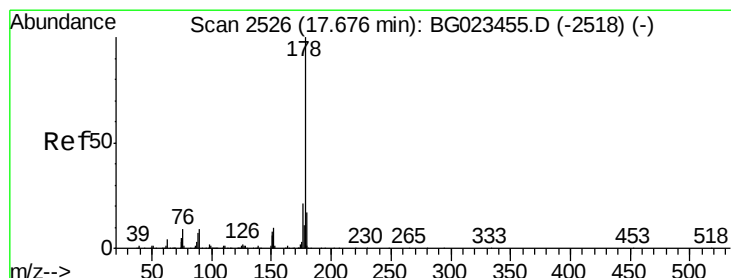
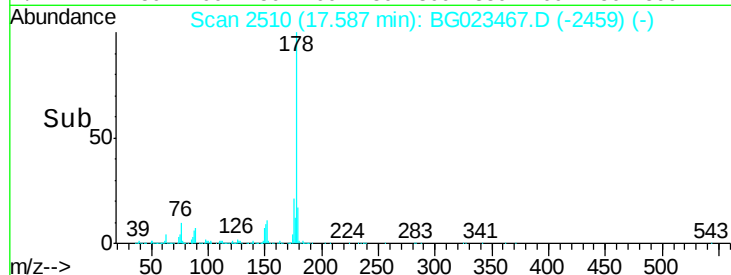
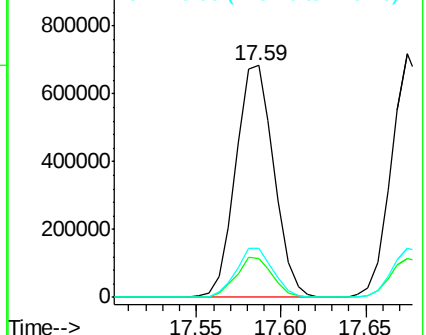


Abundance

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: 21.90 ng/ul

RT: 17.67 min Scan# 2525

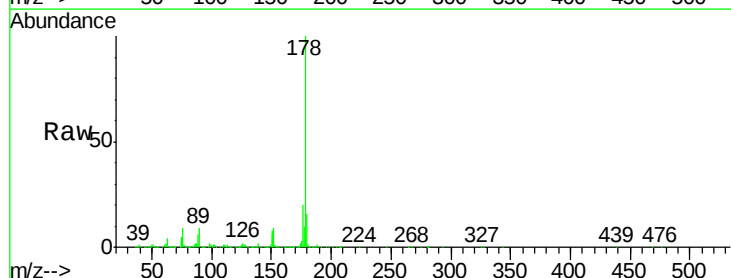
Delta R.T. -0.00 min

Lab File: BG023467.D

Acq: 5 Aug 2016 1:07

Tgt Ion:178 Resp: 1104963

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	20.2	16.3	24.5

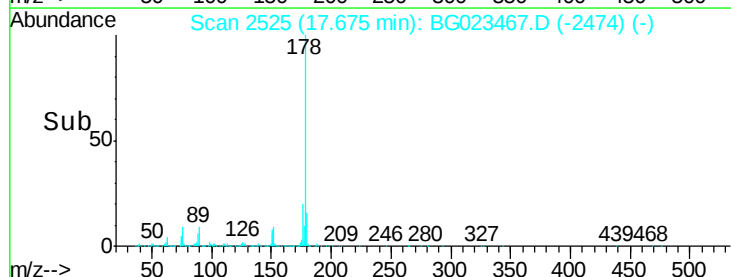
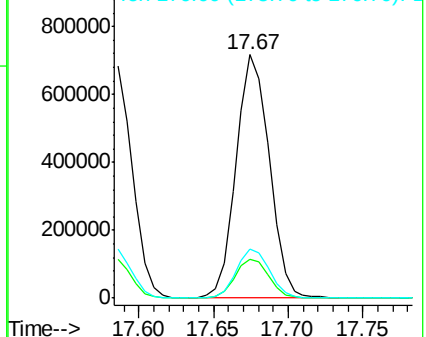


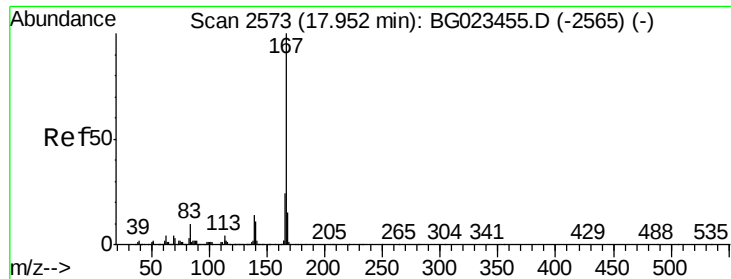
Abundance

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: 23.81 ng/ul

RT: 17.95 min Scan# 2572

Delta R.T. -0.00 min

Lab File: BG023467.D

Acq: 5 Aug 2016 1:07

Instrument :

BNA_G

ClientSampleId :

SSTD02008

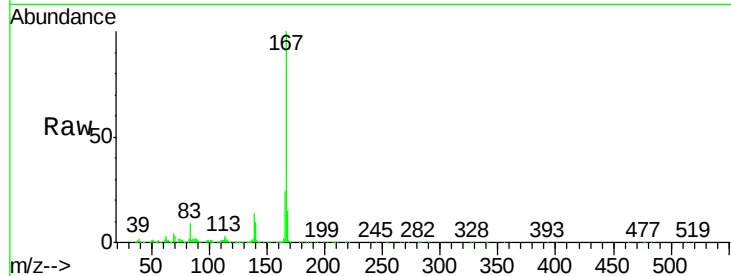
Tot Ion:167 Resp: 968130

Ion Ratio Lower Upper

167 100

166 24.3 19.2 28.8

139 13.9 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

800000

600000

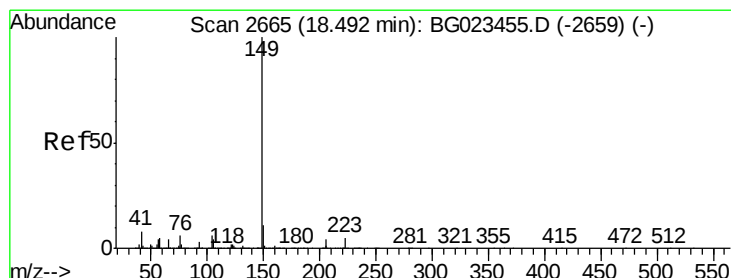
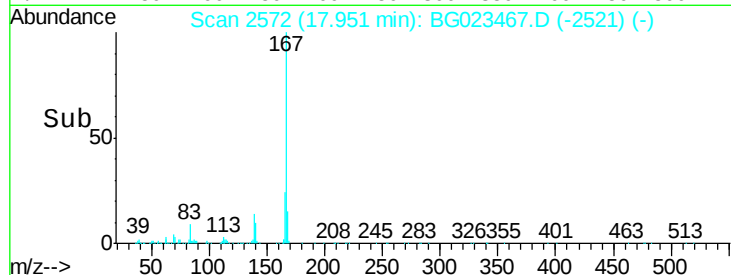
400000

200000

0

17.90 17.95 18.00

Time-->



#73

Di-n-butylphthalate

Concen: 22.63 ng/ul

RT: 18.49 min Scan# 2664

Delta R.T. -0.00 min

Lab File: BG023467.D

Acq: 5 Aug 2016 1:07

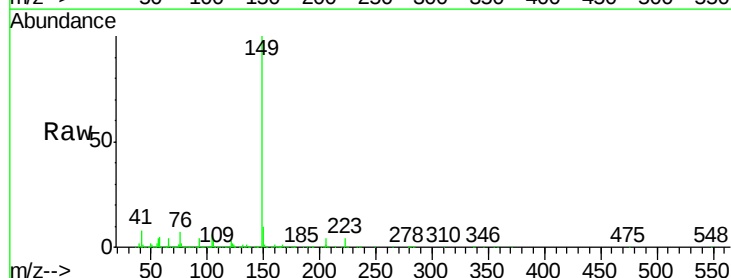
Tgt Ion:149 Resp: 1152641

Ion Ratio Lower Upper

149 100

150 10.4 7.1 10.7

104 6.5 3.3 4.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

1200000

1000000

800000

600000

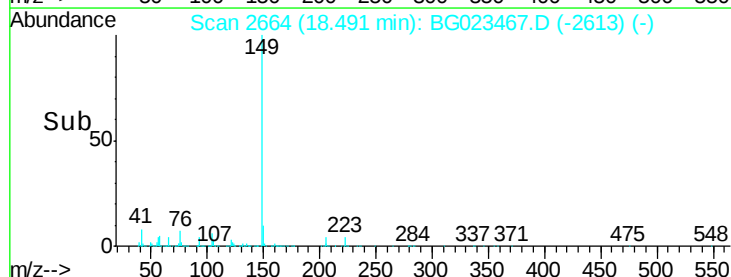
400000

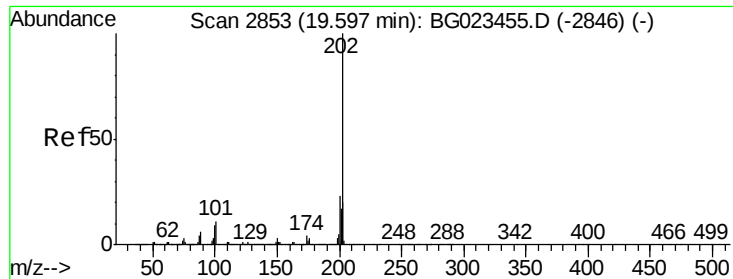
200000

0

18.45 18.50

Time-->





#74

Fluoranthene

Concen: 25.25 ng/ul

RT: 19.60 min Scan# 2852

Delta R.T. -0.00 min

Lab File: BG023467.D

Acq: 5 Aug 2016 1:07

Instrument :

BNA_G

ClientSampleId :

SSTD02008

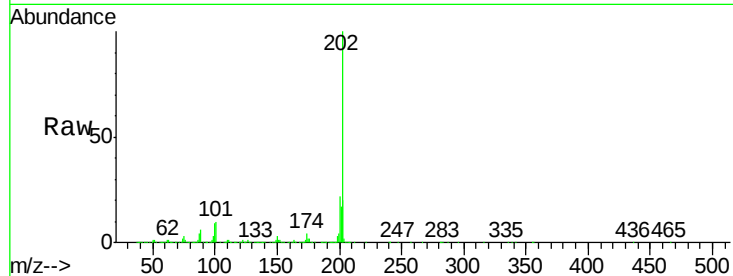
Tot Ion:202 Resp: 1278644

Ion Ratio Lower Upper

202 100

101 10.4 10.6 16.0#

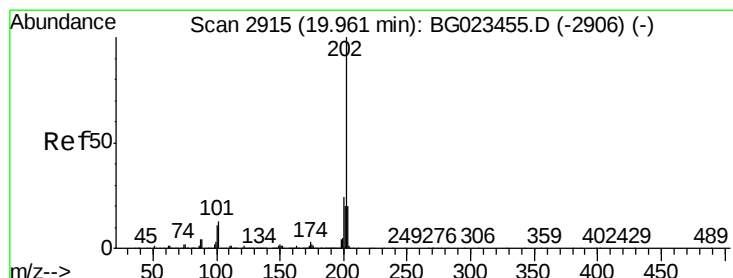
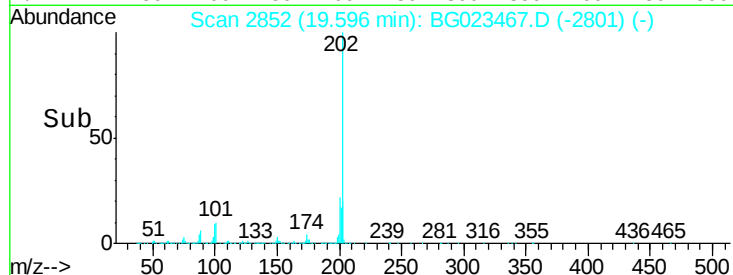
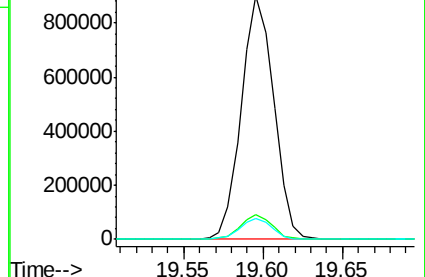
100 8.6 8.7 13.1#



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



#77

Pyrene

Concen: 21.80 ng/ul

RT: 19.96 min Scan# 2914

Delta R.T. -0.00 min

Lab File: BG023467.D

Acq: 5 Aug 2016 1:07

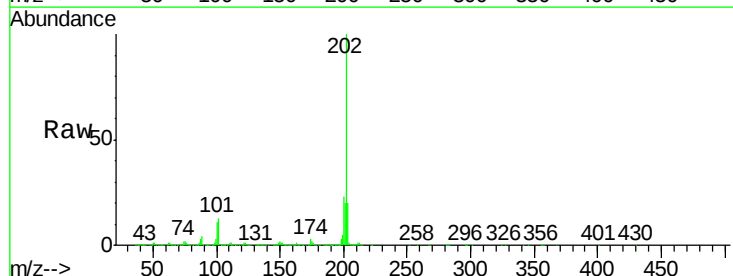
Tgt Ion:202 Resp: 1299469

Ion Ratio Lower Upper

202 100

101 12.7 12.5 18.7

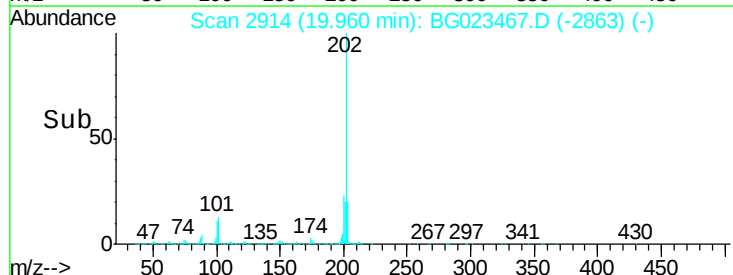
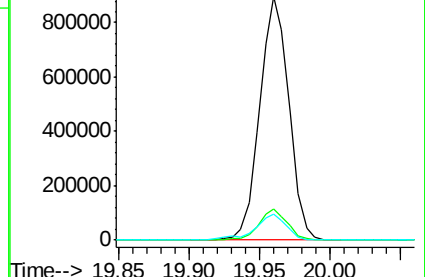
100 10.7 10.2 15.4

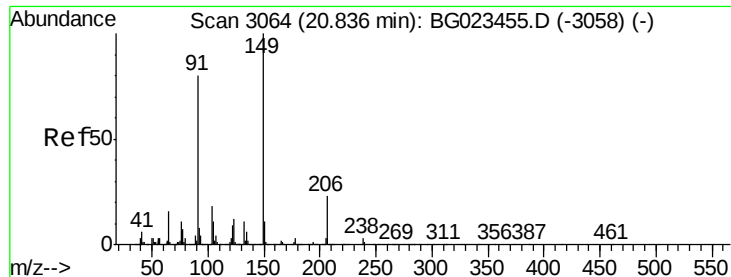


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#78

Butylbenzylphthalate

Concen: 22.22 ng/ul

RT: 20.84 min Scan# 3063

Delta R.T. -0.00 min

Lab File: BG023467.D

Acq: 5 Aug 2016 1:07

Instrument :

BNA_G

ClientSampled :

SSTD02008

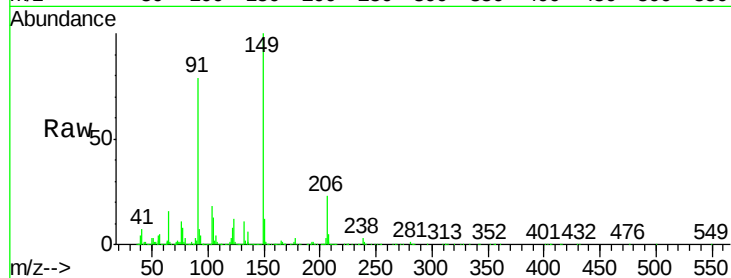
Tot Ion:149 Resp: 507969

Ion Ratio Lower Upper

149 100

91 79.5 54.2 81.4

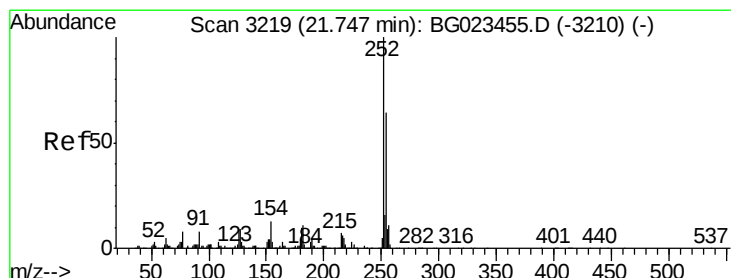
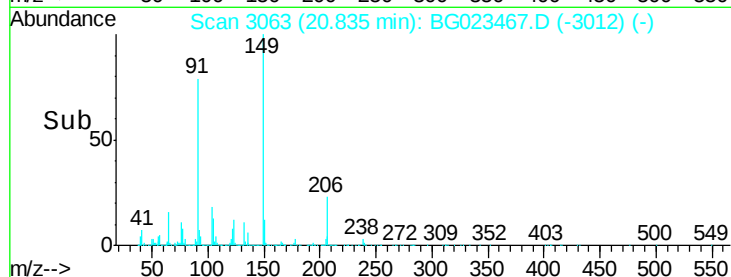
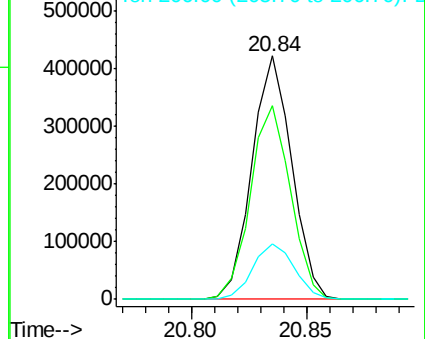
206 22.8 14.1 21.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#79

3,3'-Dichlorobenzidine

Concen: 22.72 ng/ul

RT: 21.75 min Scan# 3218

Delta R.T. -0.00 min

Lab File: BG023467.D

Acq: 5 Aug 2016 1:07

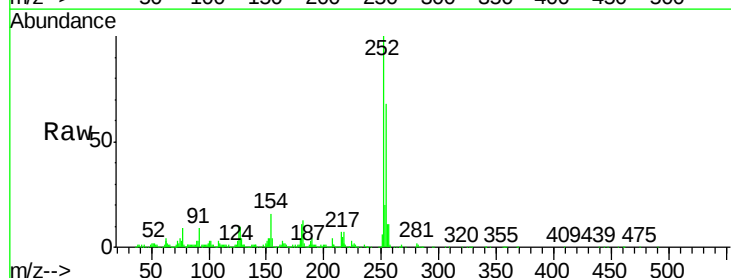
Tgt Ion:252 Resp: 385963

Ion Ratio Lower Upper

252 100

254 68.1 51.4 77.2

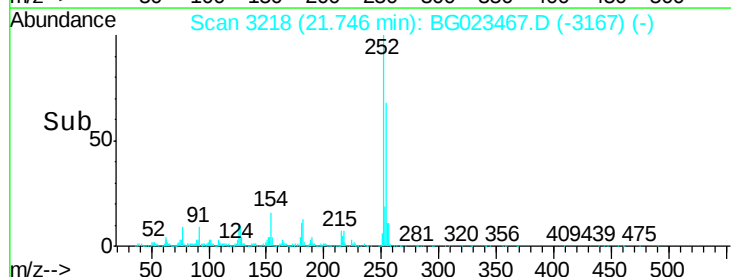
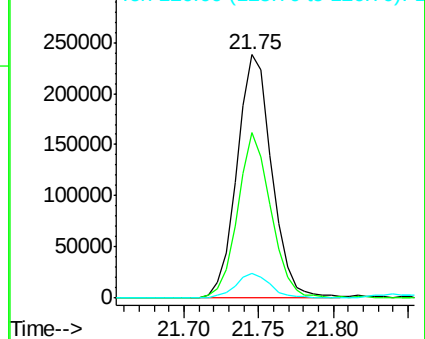
126 10.1 10.7 16.1#

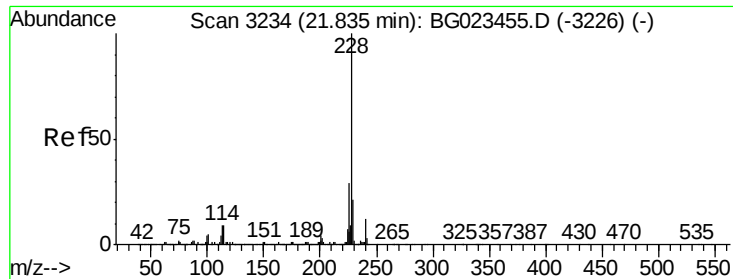


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#80

Benzo(a)anthracene

Concen: 21.54 ng/ul

RT: 21.83 min Scan# 3233

Delta R.T. -0.00 min

Lab File: BG023467.D

Acq: 5 Aug 2016 1:07

Instrument :

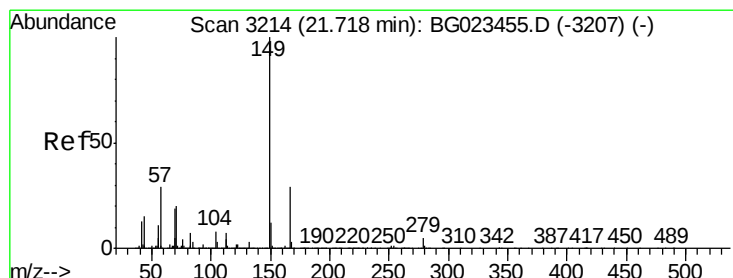
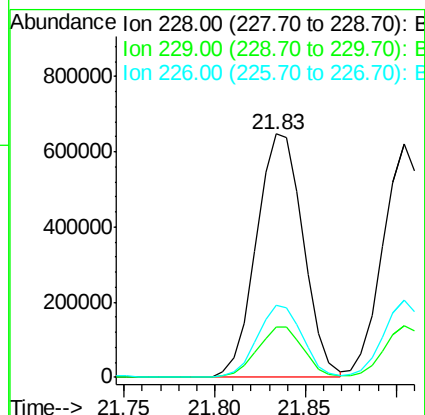
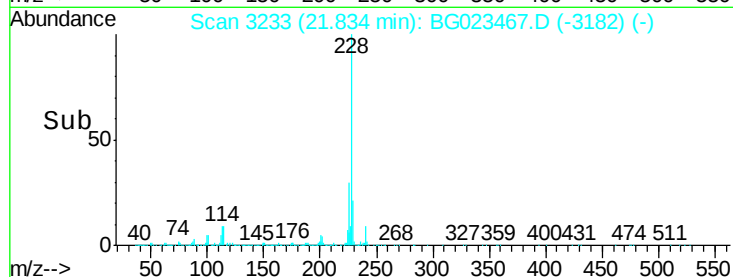
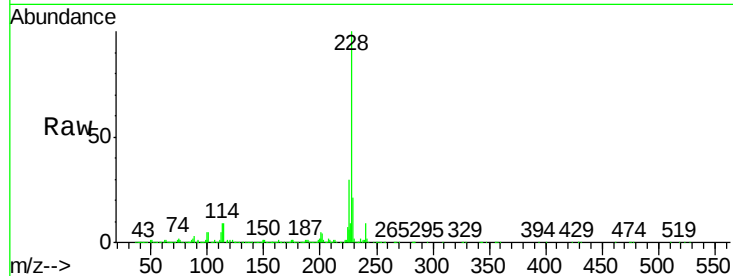
BNA_G

ClientSampleId :

SSTD02008

Tot Ion:228 Resp: 1169365

Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.4	23.2
226	29.5	22.8	34.2



#81

Bis(2-ethylhexyl)phthalate

Concen: 22.55 ng/ul

RT: 21.72 min Scan# 3213

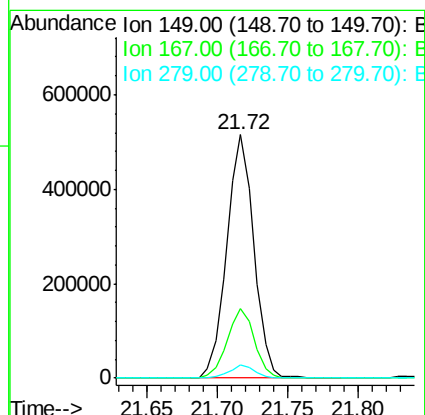
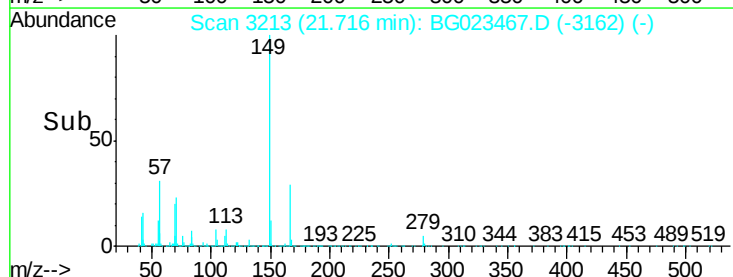
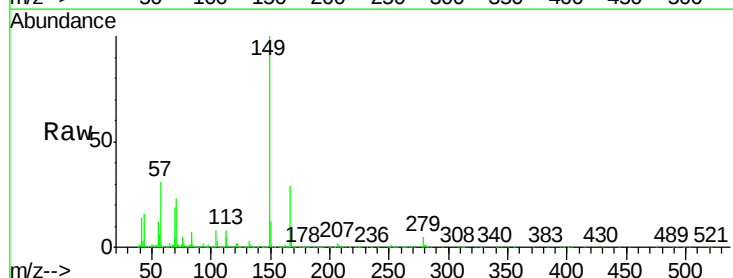
Delta R.T. -0.00 min

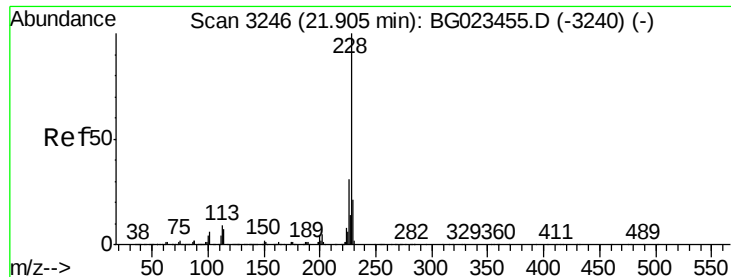
Lab File: BG023467.D

Acq: 5 Aug 2016 1:07

Tgt Ion:149 Resp: 685347

Ion	Ratio	Lower	Upper
149	100		
167	28.7	21.9	32.9
279	5.3	2.9	4.3#





#82

Chrysene

Concen: 21.31 ng/ul

RT: 21.90 min Scan# 3245

Delta R.T. -0.00 min

Lab File: BG023467.D

Acq: 5 Aug 2016 1:07

Instrument :

BNA_G

ClientSampleId :

SSTD02008

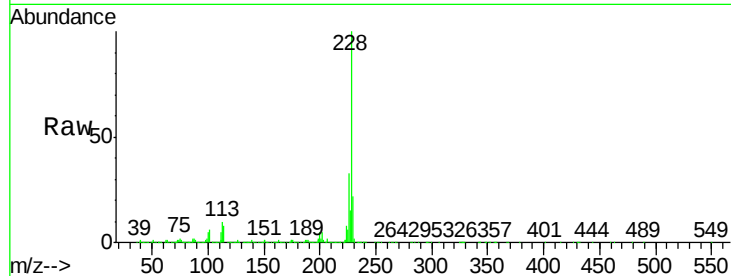
Tot Ion:228 Resp: 1051830

Ion Ratio Lower Upper

228 100

226 33.1 24.2 36.4

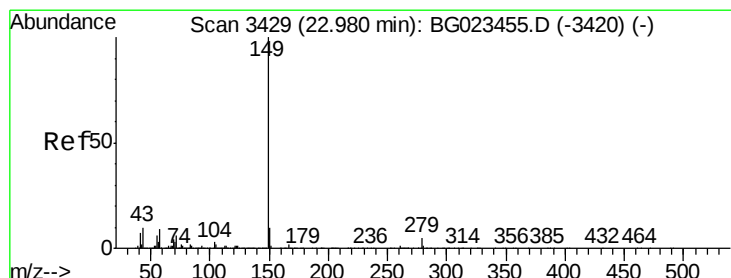
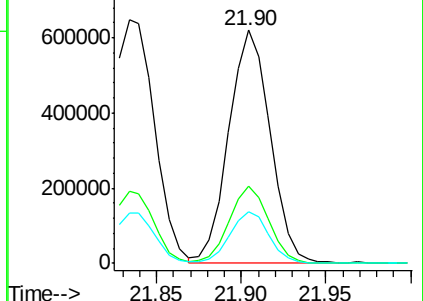
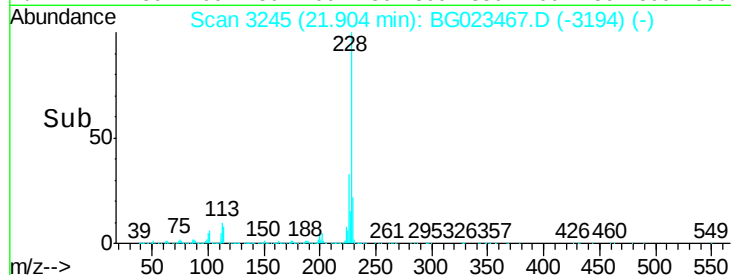
229 22.0 15.0 22.6



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: 23.96 ng/ul

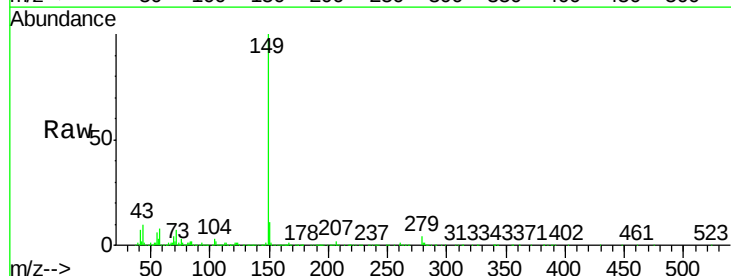
RT: 22.98 min Scan# 3428

Delta R.T. -0.00 min

Lab File: BG023467.D

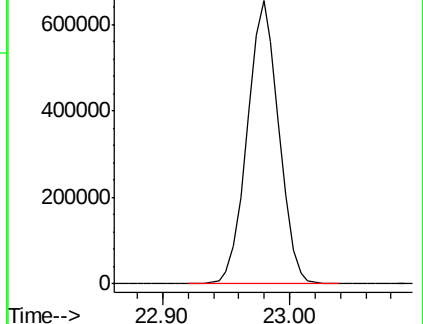
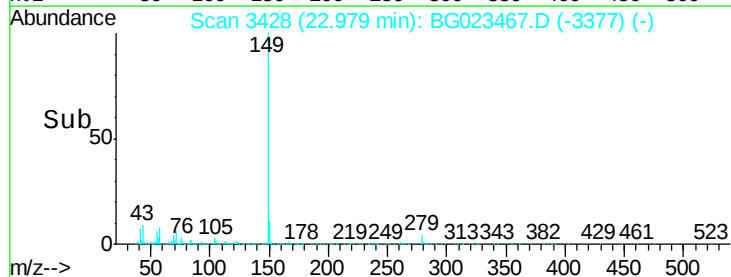
Acq: 5 Aug 2016 1:07

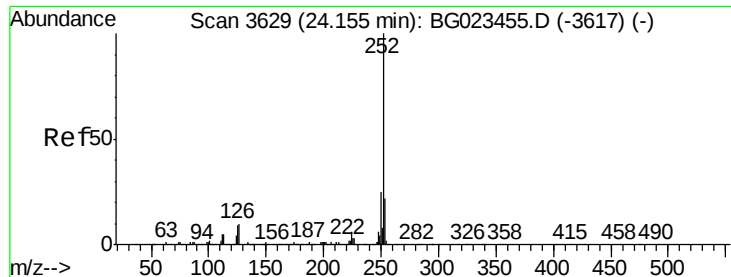
Tgt Ion:149 Resp: 1129521



Abundance Ion 149.00 (148.70 to 149.70): E

22.98





#85

Benzo(b)fluoranthene

Concen: 21.80 ng/ul

RT: 24.15 min Scan# 3628

Delta R.T. -0.00 min

Lab File: BG023467.D

Acq: 5 Aug 2016 1:07

Instrument :

BNA_G

ClientSampleId :

SSTD02008

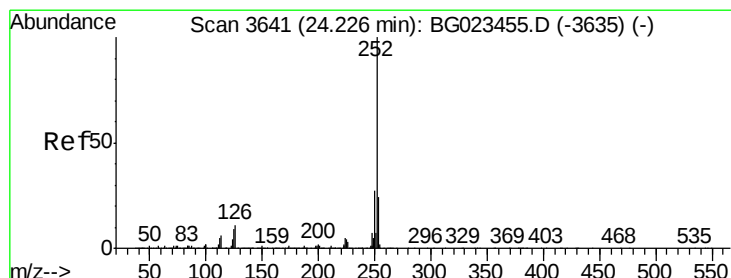
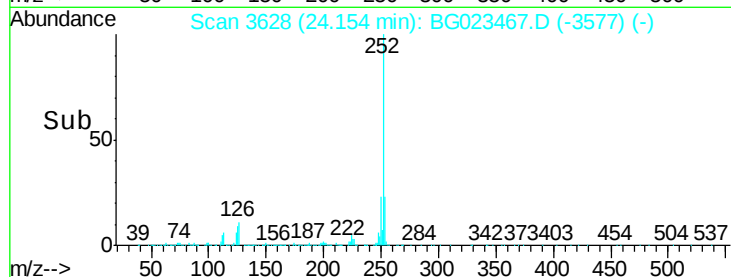
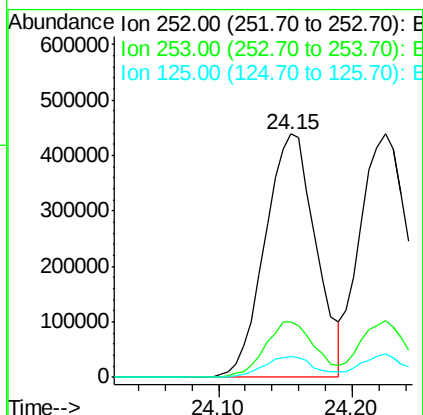
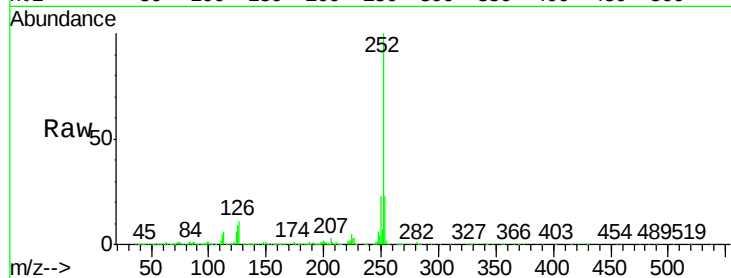
Tot Ion:252 Resp: 1157596

Ion Ratio Lower Upper

252 100

253 22.8 18.2 27.2

125 8.6 10.8 16.2#



#86

Benzo(k)fluoranthene

Concen: 20.99 ng/ul

RT: 24.22 min Scan# 3640

Delta R.T. -0.00 min

Lab File: BG023467.D

Acq: 5 Aug 2016 1:07

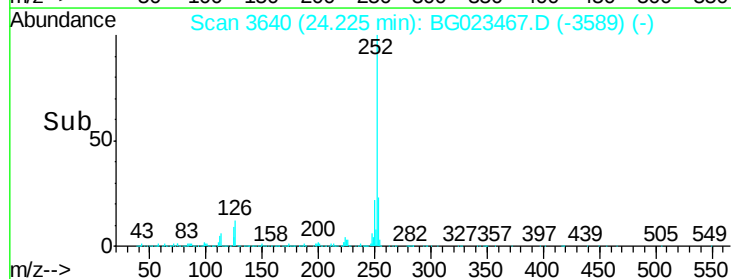
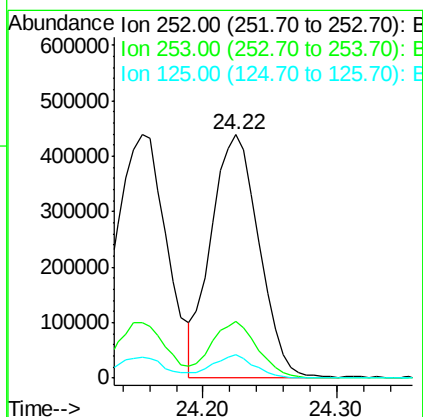
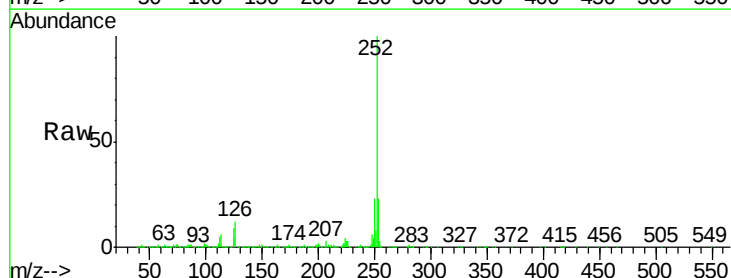
Tgt Ion:252 Resp: 1097225

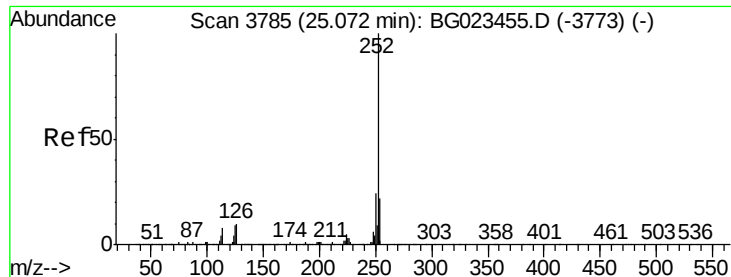
Ion Ratio Lower Upper

252 100

253 23.4 15.8 23.6

125 9.4 10.6 16.0#





#88

Benzo(a)pyrene

Concen: 21.35 ng/ul

RT: 25.07 min Scan# 3784

Delta R.T. -0.00 min

Lab File: BG023467.D

Acq: 5 Aug 2016 1:07

Instrument :

BNA_G

ClientSampleId :

SSTD02008

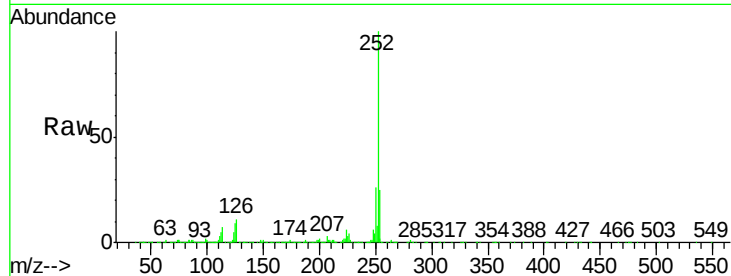
Tot Ion:252 Resp: 1094513

Ion Ratio Lower Upper

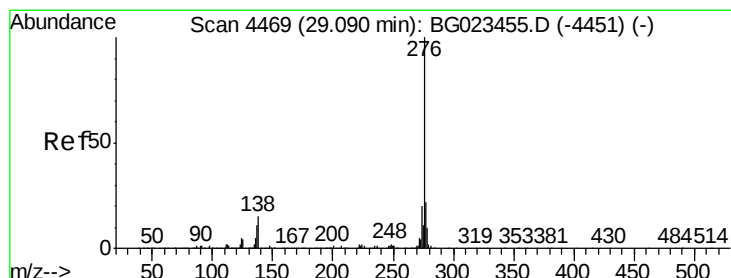
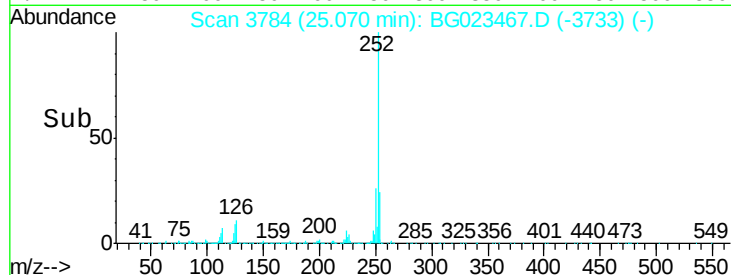
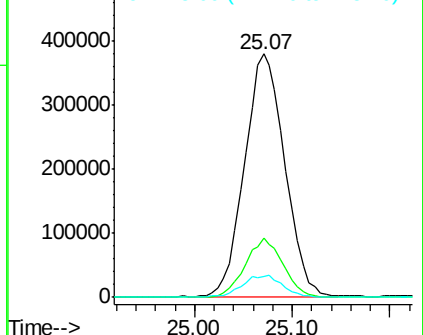
252 100

253 24.5 19.0 28.4

125 8.7 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: 21.25 ng/ul

RT: 29.09 min Scan# 4468

Delta R.T. -0.00 min

Lab File: BG023467.D

Acq: 5 Aug 2016 1:07

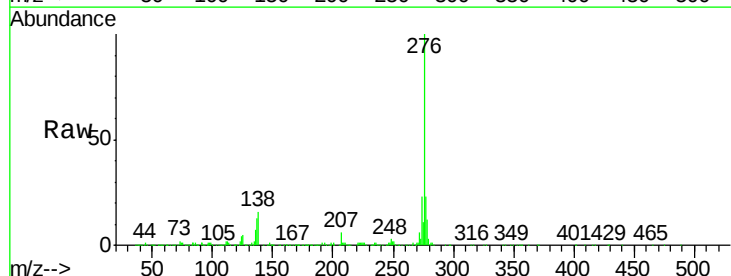
Tgt Ion:276 Resp: 1280104

Ion Ratio Lower Upper

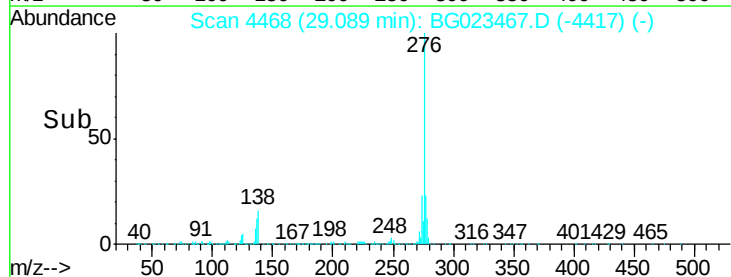
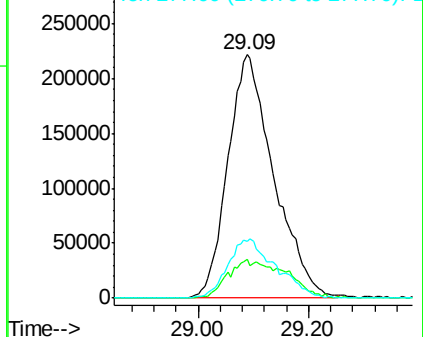
276 100

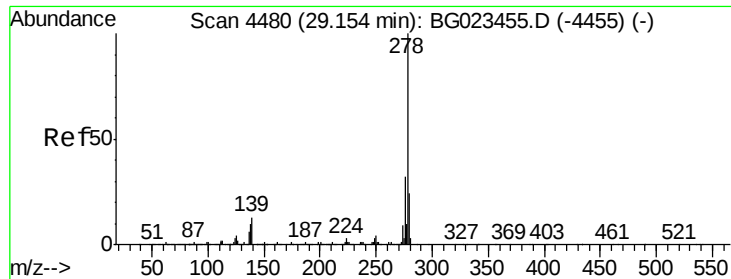
138 16.0 20.8 31.2#

277 23.2 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: 21.35 ng/ul

RT: 29.15 min Scan# 4479

Delta R.T. -0.00 min

Lab File: BG023467.D

Acq: 5 Aug 2016 1:07

Instrument :

BNA_G

ClientSampleId :

SSTD02008

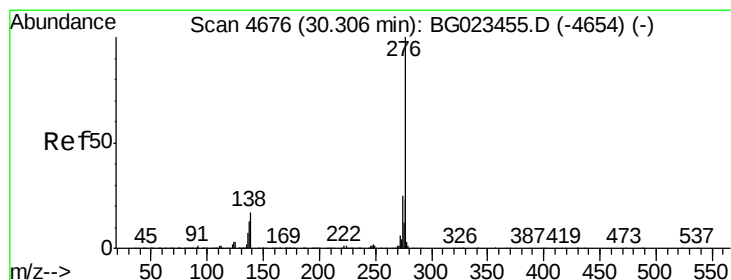
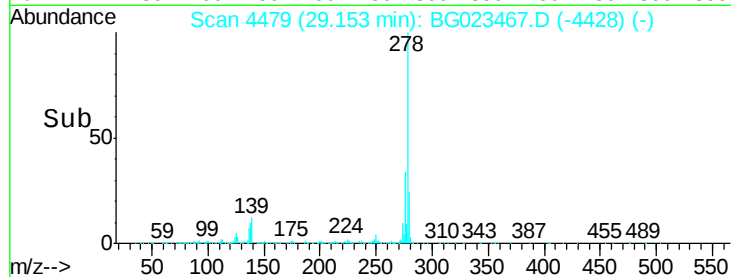
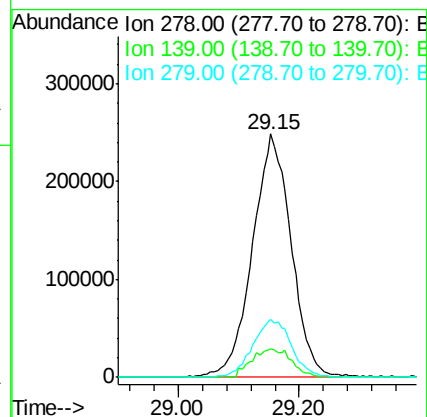
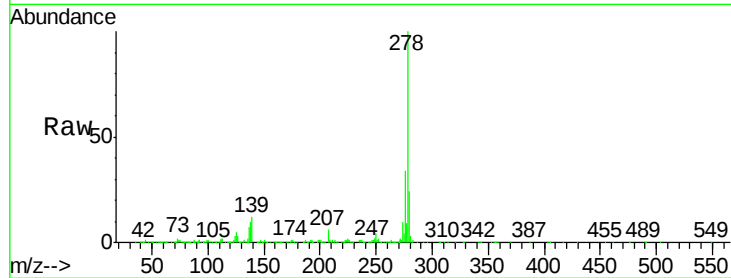
Tot Ion:278 Resp: 1096679

Ion	Ratio	Lower	Upper
278	100		
139	11.9	16.3	24.5#
279	24.0	19.1	28.7

278 100

139 11.9 16.3 24.5#

279 24.0 19.1 28.7



#91

Benzo(g,h,i)perylene

Concen: 20.67 ng/ul

RT: 30.30 min Scan# 4674

Delta R.T. -0.01 min

Lab File: BG023467.D

Acq: 5 Aug 2016 1:07

Tgt Ion:276 Resp: 1032462

Ion	Ratio	Lower	Upper
276	100		
138	18.9	22.1	33.1#
277	23.6	17.0	25.4

276 100

138 18.9 22.1 33.1#

277 23.6 17.0 25.4

