

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121416\
 Data File : BG025169.D
 Acq On : 14 Dec 2016 9:33
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02005

Quant Time: Dec 15 03:30:33 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 14 03:19:35 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	115895	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	505969	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	404685	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	832284	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	922395	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	925430	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	14287	6.37	ng/uL	0.00
5) Phenol-d5	7.39	99	192396	19.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	128035	20.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	140202	20.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	161477	19.33	ng/ul	0.01
19) Nitrobenzene-d5	9.42	128	70008	19.54	ng/ul	0.01
22) 2-Nitrophenol-d4	10.15	143	88939	19.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	174432	20.31	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	202977	24.04	ng/ul	0.01
43) Dimethylphthalate-d6	14.25	166	543441	19.52	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	645265	21.16	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	82875	17.32	ng/ul	0.00
57) Fluorene-d10	15.85	176	509345	19.44	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	95902	18.64	ng/ul	0.01
70) Anthracene-d10	17.70	188	703614	20.03	ng/ul	0.00
76) Pyrene-d10	19.98	212	781461	20.57	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.09	264	791591	21.11	ng/ul	0.01

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.62	88	19183	6.56	ng/uL 94
4) Benzaldehyde	7.37	77	156331	20.77	ng/ul 97
6) Phenol	7.41	94	207116	20.18	ng/ul 94
8) Bis(2-Chloroethyl)ether	7.64	93	144519	19.25	ng/ul 96
10) 2-Chlorophenol	7.80	128	139289	19.82	ng/ul 92
11) 2-Methylphenol	8.68	108	148249	19.62	ng/ul 88
12) 2,2'-oxybis(1-Chloropropan	8.76	45	284399	22.27	ng/ul 98
14) Acetophenone	9.07	105	244974	19.27	ng/ul 96
15) N-Nitroso-di-n-propylamine	9.04	70	147555	20.09	ng/ul# 91
16) 4-Methylphenol	9.01	108	168197	20.01	ng/ul 89
17) Hexachloroethane	9.32	117	65336	20.98	ng/ul# 82
20) Nitrobenzene	9.46	77	225614	20.49	ng/ul 98
21) Isophorone	9.98	82	413023	19.82	ng/ul 97
23) 2-Nitrophenol	10.18	139	88451	19.52	ng/ul 94
24) 2,4-Dimethylphenol	10.22	107	206053	19.89	ng/ul 97
25) Bis(2-Chloroethoxy)methane	10.45	93	219882	20.71	ng/ul 97
27) 2,4-Dichlorophenol	10.72	162	169533	20.33	ng/ul 95
28) Naphthalene	11.12	128	461316	19.61	ng/ul 98
30) 4-Chloroaniline	11.23	127	192385	22.29	ng/ul 92
31) Hexachlorobutadiene	11.38	225	139423	19.44	ng/ul 89
32) Caprolactam	11.99	113	61251	17.68	ng/ul 93
33) 4-Chloro-3-methylphenol	12.33	107	205330	19.97	ng/ul 98
34) 2-Methylnaphthalene	12.70	142	369508	19.91	ng/ul 97

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121416\
 Data File : BG025169.D
 Acq On : 14 Dec 2016 9:33
 Operator : UM/SJ
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02005

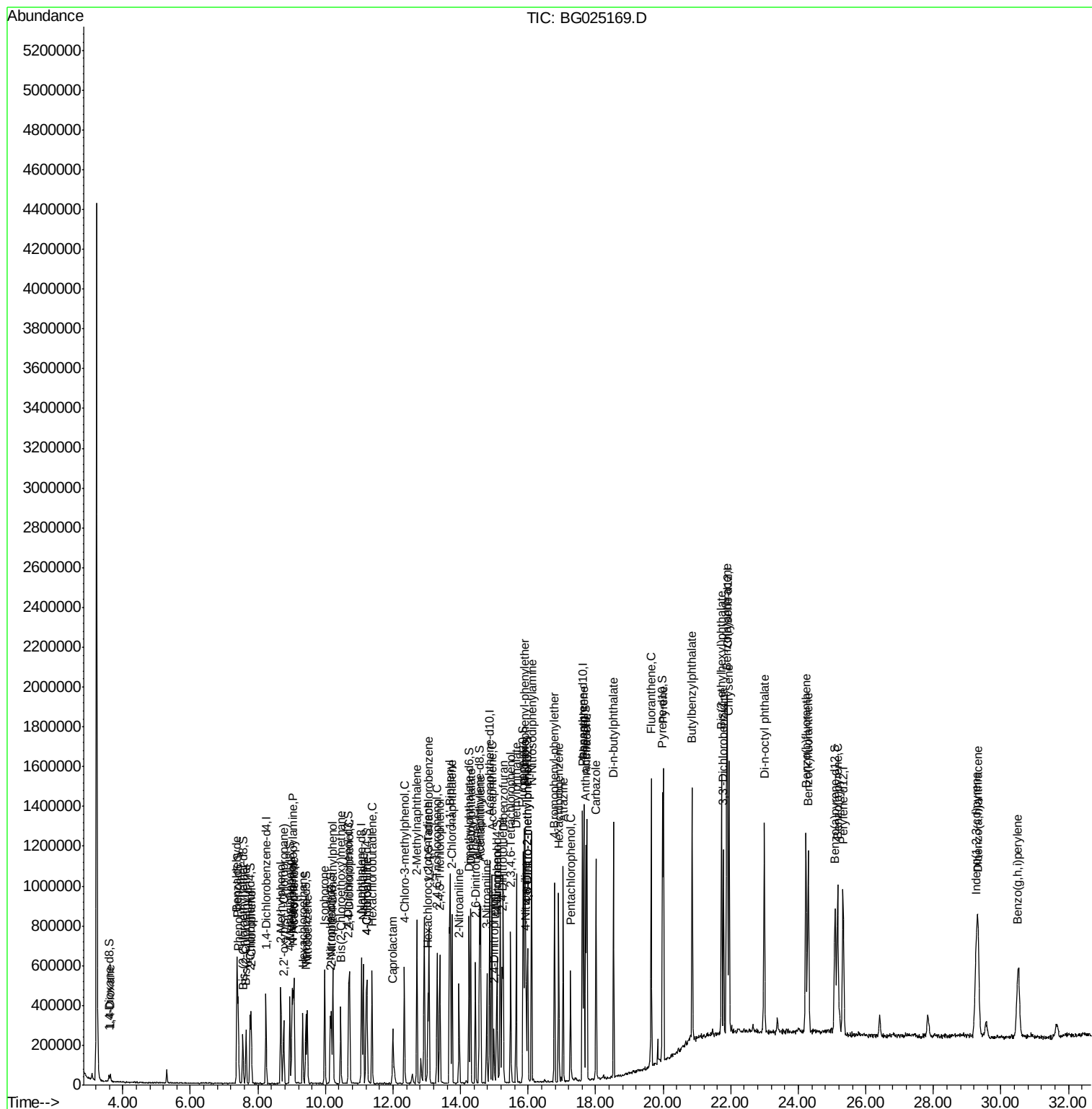
Quant Time: Dec 15 03:30:33 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 14 03:19:35 2016
 Response via : Initial Calibration

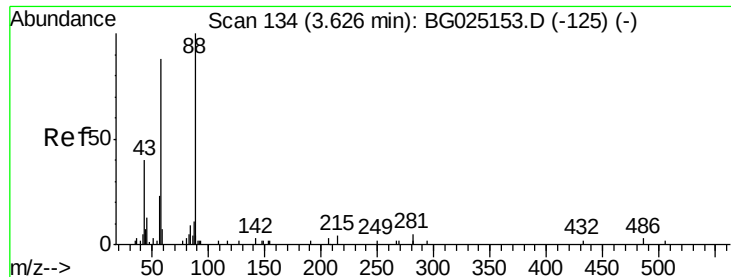
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.07	216	260101	21.32	ng/ul#	93
37) Hexachlorocyclopentadiene	13.03	237	132409	18.49	ng/ul	94
38) 2,4,6-Trichlorophenol	13.31	196	157790	20.59	ng/ul	90
39) 2,4,5-Trichlorophenol	13.38	196	177326	21.12	ng/ul	96
40) 1,1'-Biphenyl	13.70	154	514733	20.98	ng/ul#	98
41) 2-Chloronaphthalene	13.75	162	404951	20.73	ng/ul	97
42) 2-Nitroaniline	13.96	65	167963	21.97	ng/ul	95
44) Dimethylphthalate	14.30	163	524569	19.18	ng/ul	97
45) 2,6-Dinitrotoluene	14.44	165	117090	19.92	ng/ul#	96
47) Acenaphthylene	14.59	152	611598	20.63	ng/ul	99
48) 3-Nitroaniline	14.78	138	111910	21.98	ng/ul#	82
49) Acenaphthene	14.93	153	434925	21.42	ng/ul	98
50) 2,4-Dinitrophenol	14.99	184	58280	15.26	ng/ul	88
52) 4-Nitrophenol	15.08	109	100836	17.52	ng/ul	99
53) Dibenzofuran	15.26	168	645684	20.10	ng/ul	99
54) 2,4-Dinitrotoluene	15.23	165	167408	18.90	ng/ul#	95
55) 2,3,4,6-Tetrachlorophenol	15.48	232	170257	19.19	ng/ul	95
56) Diethylphthalate	15.65	149	549710	18.98	ng/ul	96
58) Fluorene	15.90	166	514782	19.69	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.89	204	281670	19.13	ng/ul	87
60) 4-Nitroaniline	15.93	138	108920	17.74	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.99	198	103479	19.41	ng/ul#	97
64) N-Nitrosodiphenylamine	16.10	169	464908	21.71	ng/ul	94
65) 4-Bromophenyl-phenylether	16.78	248	195133	20.76	ng/ul	87
66) Hexachlorobenzene	16.90	284	218905	20.68	ng/ul	97
67) Atrazine	17.04	200	203578	20.00	ng/ul	94
68) Pentachlorophenol	17.26	266	111718	17.58	ng/ul	93
69) Phenanthrene	17.65	178	827672	20.84	ng/ul	98
71) Anthracene	17.74	178	831715	20.37	ng/ul	98
72) Carbazole	18.01	167	720442	21.14	ng/ul	98
73) Di-n-butylphthalate	18.52	149	847808	19.71	ng/ul	99
74) Fluoranthene	19.64	202	927524	19.65	ng/ul	98
77) Pyrene	20.01	202	915647	20.65	ng/ul	98
78) Butylbenzylphthalate	20.86	149	356195	20.52	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.79	252	368357	22.91	ng/ul	99
80) Benzo(a)anthracene	21.88	228	959531	20.02	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.73	149	509105	21.31	ng/ul	99
82) Chrysene	21.95	228	926762	20.67	ng/ul	98
84) Di-n-octyl phthalate	23.00	149	908020	24.17	ng/ul	100
85) Benzo(b)fluoranthene	24.22	252	968781	21.11	ng/ul	97
86) Benzo(k)fluoranthene	24.29	252	940563	21.56	ng/ul	99
88) Benzo(a)pyrene	25.16	252	907038	20.56	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.27	276	994734	18.14	ng/ul	98
90) Dibenzo(a,h)anthracene	29.32	278	912232	19.74	ng/ul	96
91) Benzo(g,h,i)perylene	30.50	276	816258	17.84	ng/ul#	96

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

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Data File : BG025169.D  
Acq On    : 14 Dec 2016    9:33  
Operator  : UM/SJ  
Sample    : SSTDCCC020  
Misc      :  
ALS Vial  : 2    Sample Multiplier: 1
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Quant Time: Dec 15 03:30:33 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
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QLast Update : Wed Dec 14 03:19:35 2016
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 6.56 ng/uL

RT: 3.62 min Scan# 134

Delta R.T. -0.00 min

Lab File: BG025169.D

Acq: 14 Dec 2016 9:33

Instrument :

BNA_G

ClientSampleId :

SSTD02005

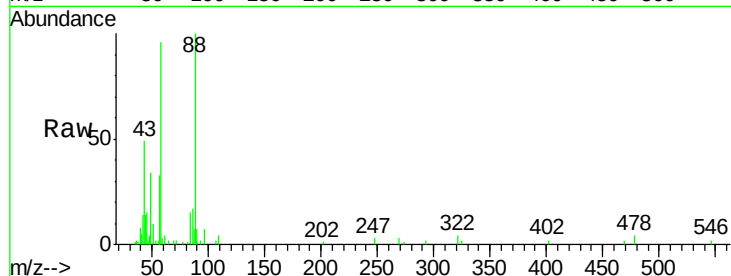
Tgt Ion: 88 Resp: 19183

Ion Ratio Lower Upper

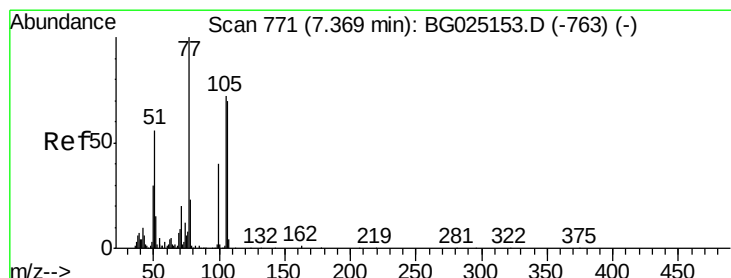
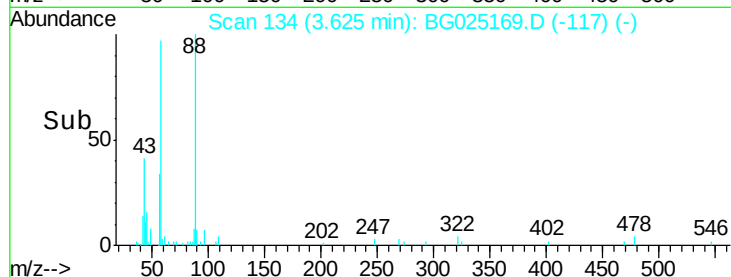
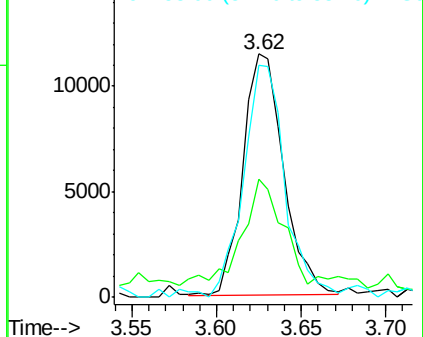
88 100

43 48.6 39.2 58.8

58 95.5 69.4 104.0



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



#4

Benzaldehyde

Concen: 20.77 ng/uL

RT: 7.37 min Scan# 772

Delta R.T. 0.00 min

Lab File: BG025169.D

Acq: 14 Dec 2016 9:33

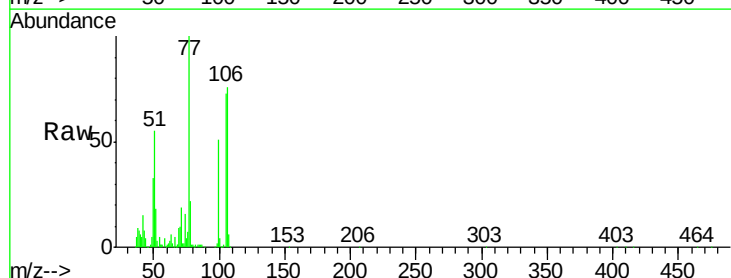
Tgt Ion: 77 Resp: 156331

Ion Ratio Lower Upper

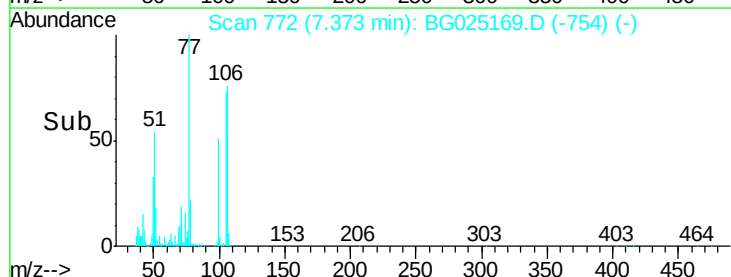
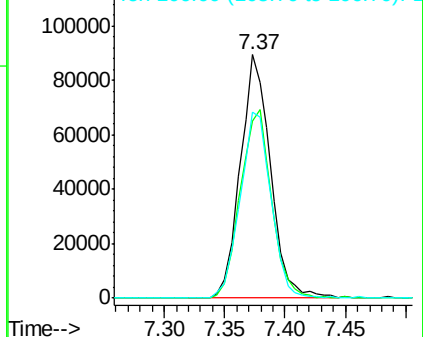
77 100

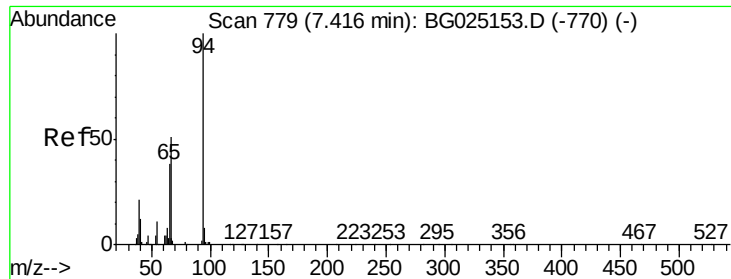
105 72.7 62.0 93.0

106 76.2 60.2 90.4



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC





#6

Phenol

Concen: 20.18 ng/ul

RT: 7.41 min Scan# 779

Delta R.T. -0.00 min

Lab File: BG025169.D

Acq: 14 Dec 2016 9:33

Instrument :

BNA_G

ClientSampleId :

SSTD02005

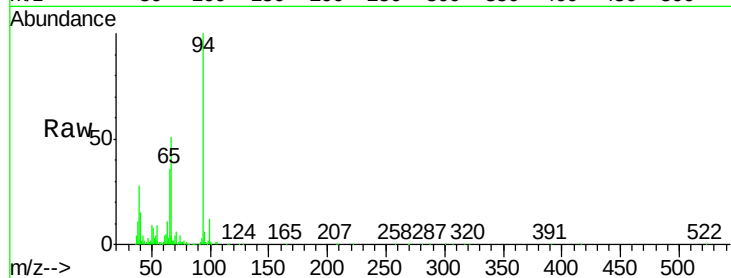
Tgt Ion: 94 Resp: 207116

Ion Ratio Lower Upper

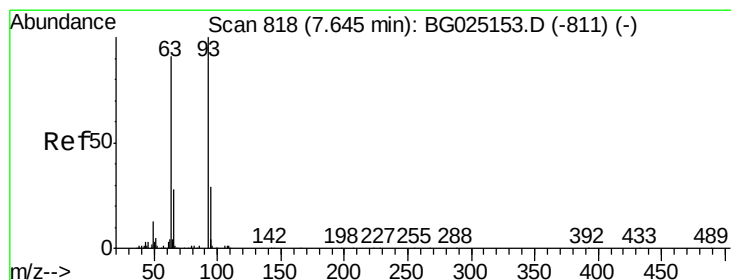
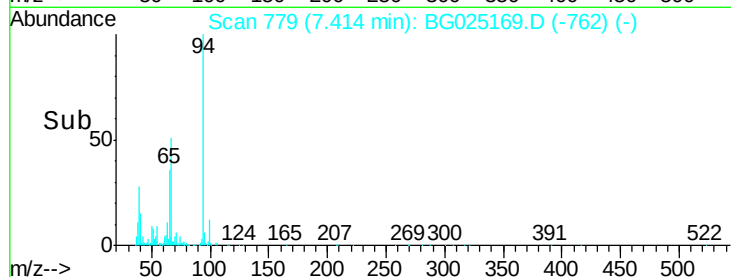
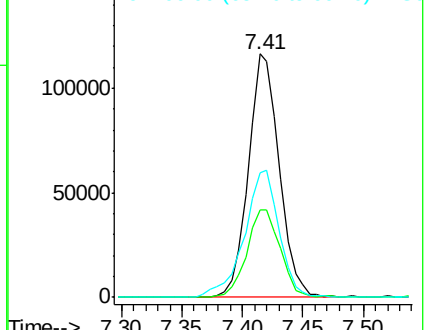
94 100

65 36.1 26.8 40.2

66 51.1 44.4 66.6



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: 19.25 ng/ul

RT: 7.64 min Scan# 818

Delta R.T. -0.00 min

Lab File: BG025169.D

Acq: 14 Dec 2016 9:33

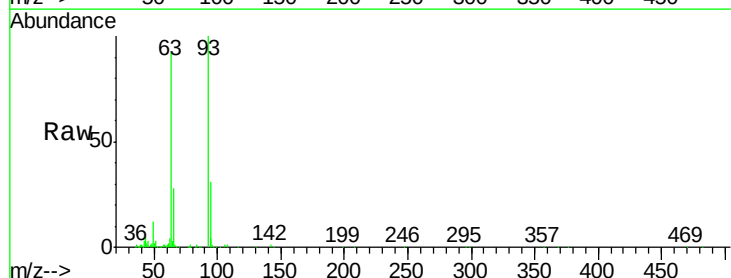
Tgt Ion: 93 Resp: 144519

Ion Ratio Lower Upper

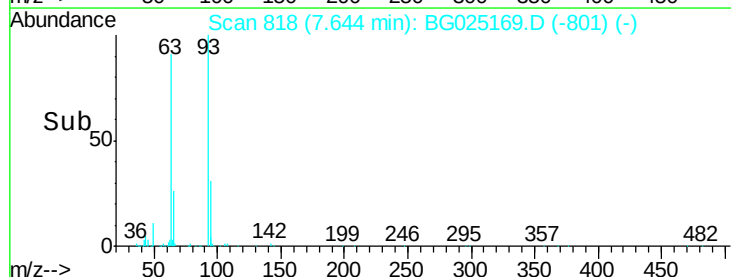
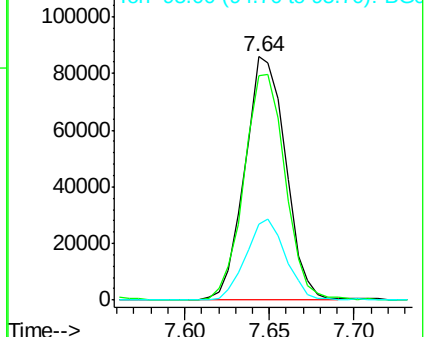
93 100

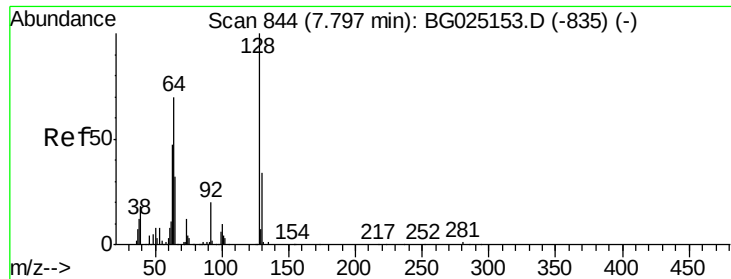
63 92.0 75.5 113.3

95 31.3 29.2 43.8



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

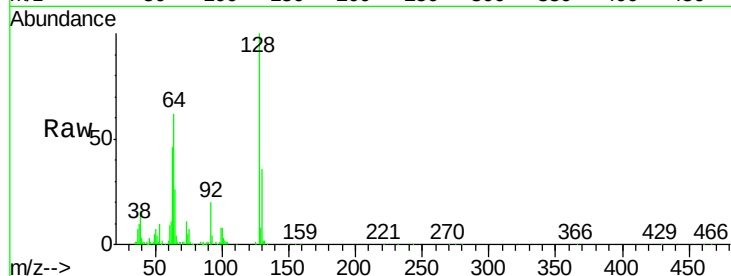




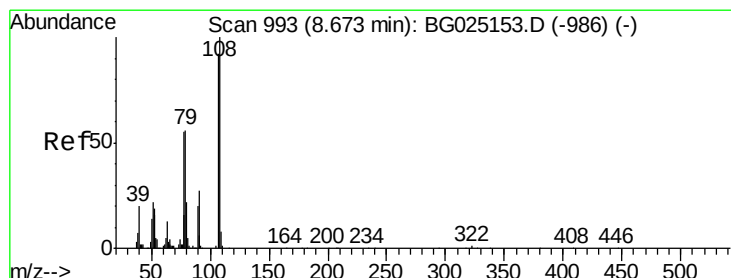
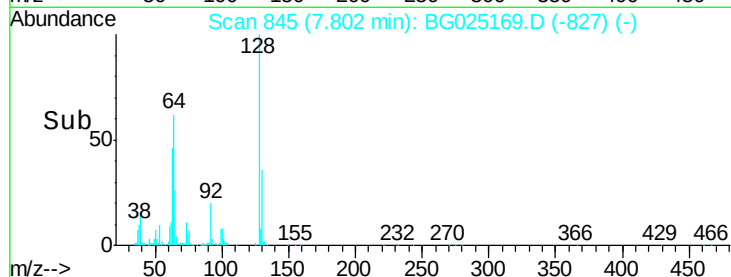
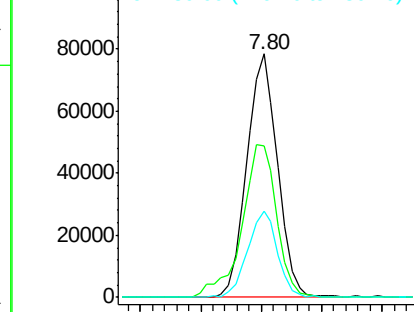
#10
2-Chlorophenol
Concen: 19.82 ng/ul
RT: 7.80 min Scan# 845
Delta R.T. 0.00 min
Lab File: BG025169.D
Acq: 14 Dec 2016 9:33

Instrument :
BNA_G
ClientSampleId :
SSTD02005

Tgt Ion:128 Resp: 139289
Ion Ratio Lower Upper
128 100
64 62.3 56.3 84.5
130 35.6 26.7 40.1

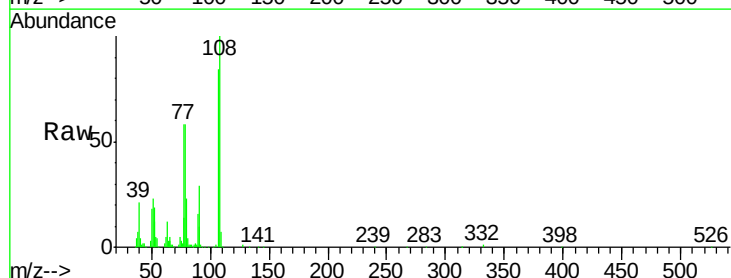


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 130.00 (129.70 to 130.70): E

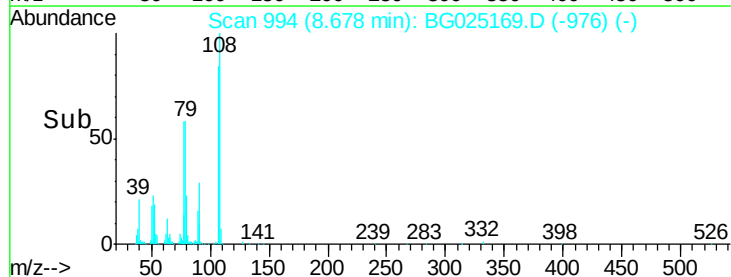
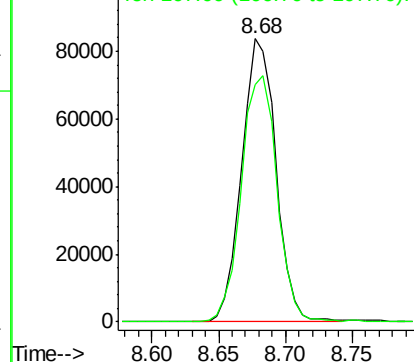


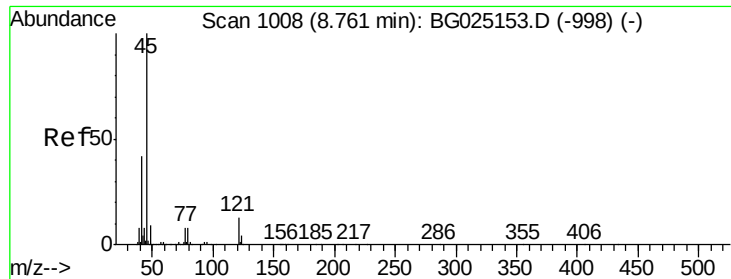
#11
2-Methylphenol
Concen: 19.62 ng/ul
RT: 8.68 min Scan# 994
Delta R.T. 0.00 min
Lab File: BG025169.D
Acq: 14 Dec 2016 9:33

Tgt Ion:108 Resp: 148249
Ion Ratio Lower Upper
108 100
107 83.8 76.7 115.1



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

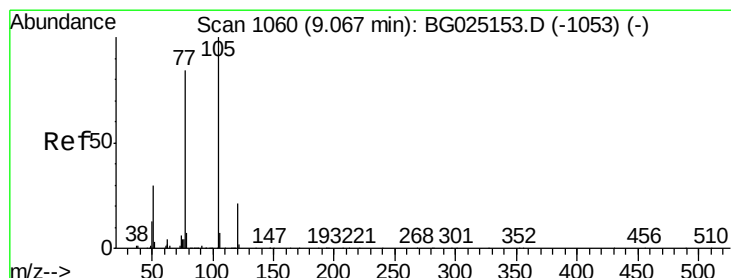
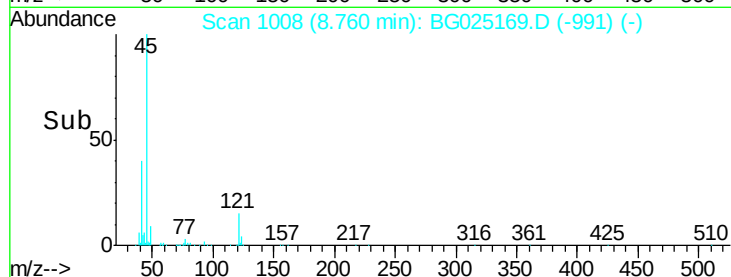
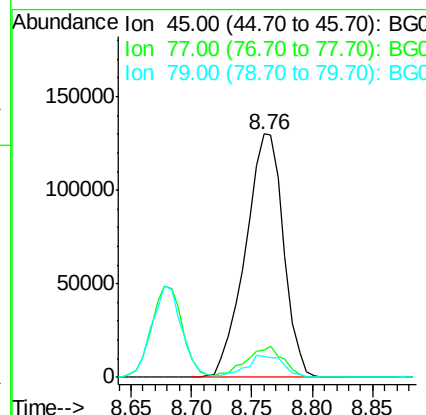
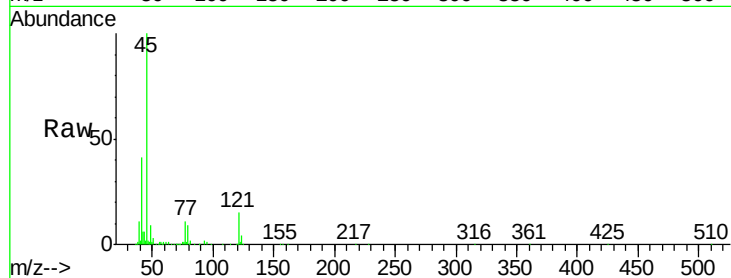




#12
 2,2'-oxybis(1-chloropropane)
 Concen: 22.27 ng/ul
 RT: 8.76 min Scan# 1008
 Delta R.T. -0.00 min
 Lab File: BG025169.D
 Acq: 14 Dec 2016 9:33

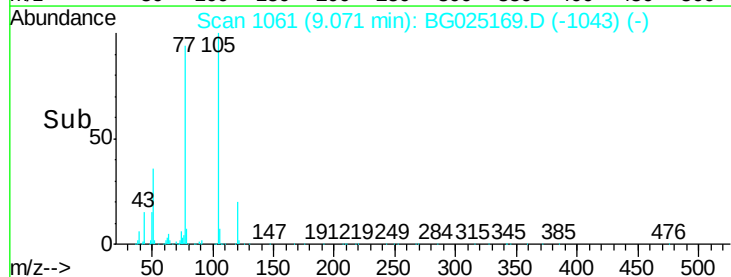
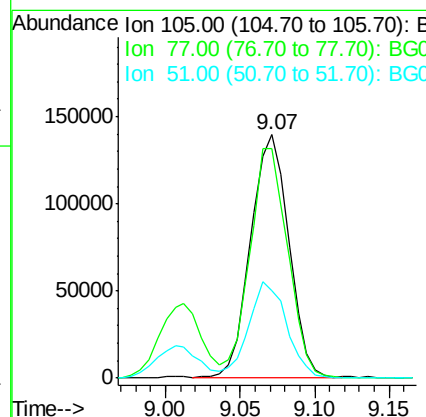
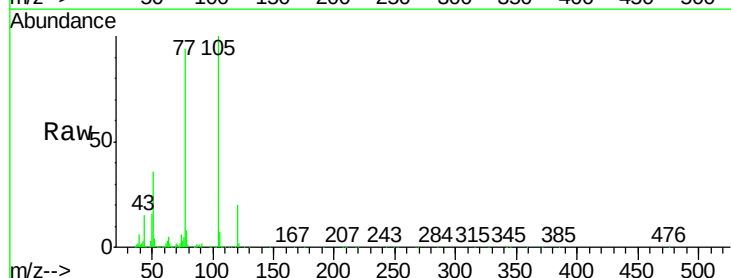
Instrument :
 BNA_G
 ClientSampleId :
 SST02005

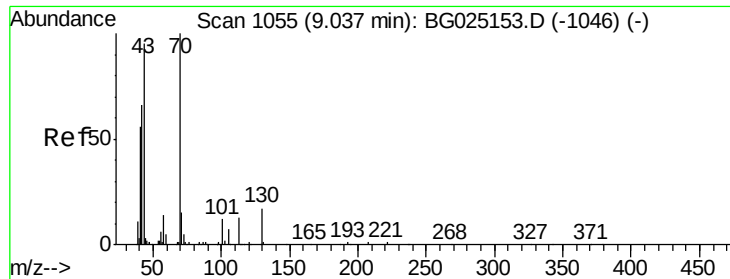
Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.1	10.0	15.0
79	8.8	7.3	10.9



#14
 Acetophenone
 Concen: 19.27 ng/ul
 RT: 9.07 min Scan# 1061
 Delta R.T. 0.00 min
 Lab File: BG025169.D
 Acq: 14 Dec 2016 9:33

Tgt Ion	Ratio	Lower	Upper
105	100		
77	94.1	76.0	114.0
51	36.1	34.8	52.2

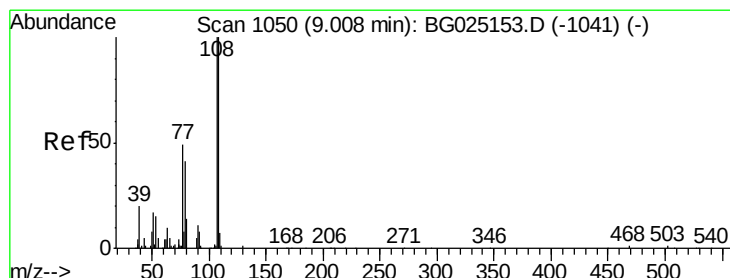
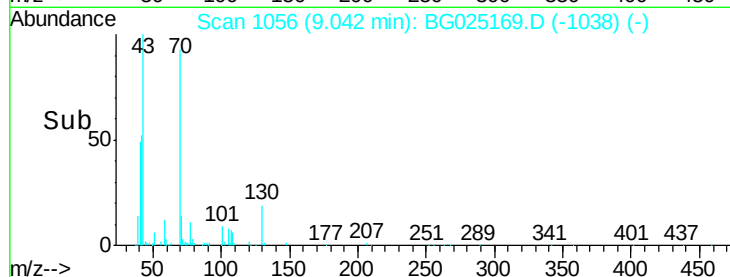
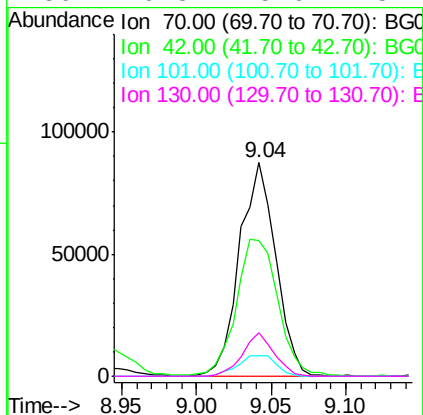
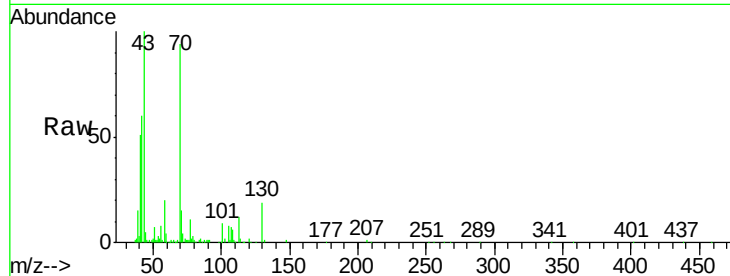




#15
N-Nitroso-di-n-propylamine
Concen: 20.09 ng/ul
RT: 9.04 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BG025169.D
Acq: 14 Dec 2016 9:33

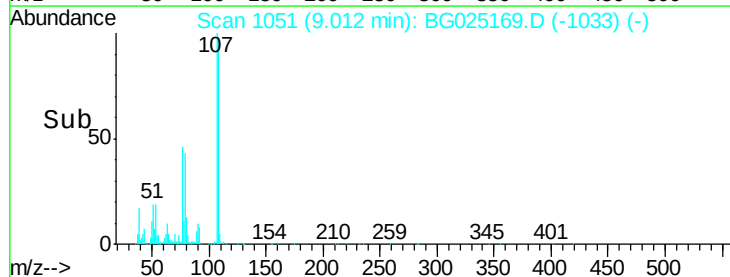
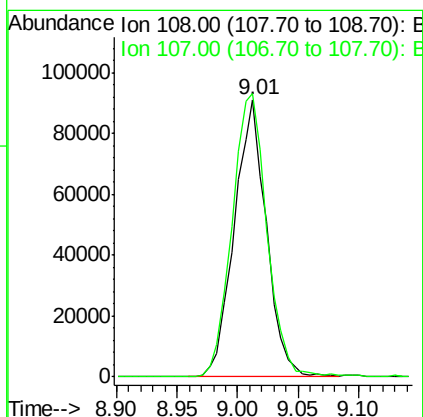
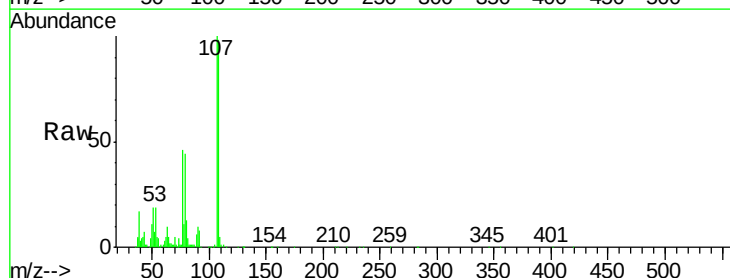
Instrument :
BNA_G
ClientSampleId :
SSTD02005

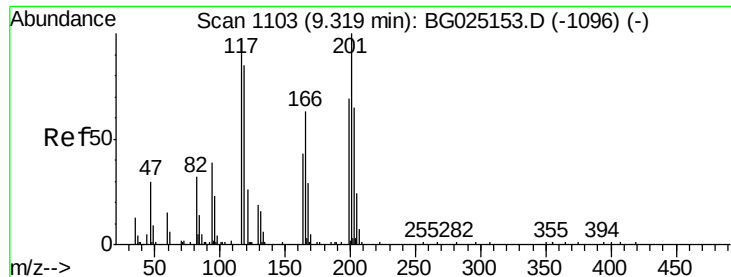
Tgt Ion:	70	Resp:	147555
Ion	Ratio	Lower	Upper
70	100		
42	63.7	59.0	88.6
101	9.9	6.6	9.8#
130	20.3	15.6	23.4



#16
4-Methylphenol
Concen: 20.01 ng/ul
RT: 9.01 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BG025169.D
Acq: 14 Dec 2016 9:33

Tgt Ion:	108	Resp:	168197
Ion	Ratio	Lower	Upper
108	100		
107	102.2	91.7	137.5

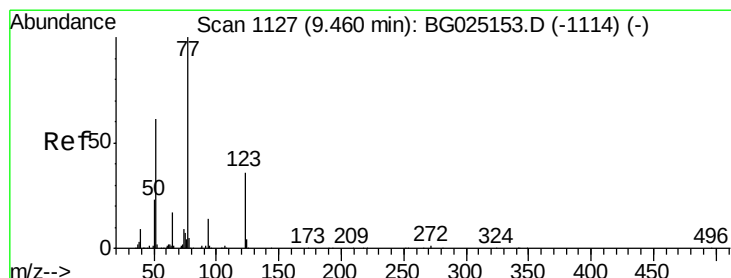
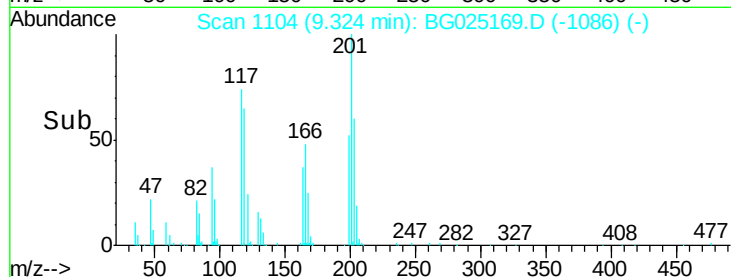
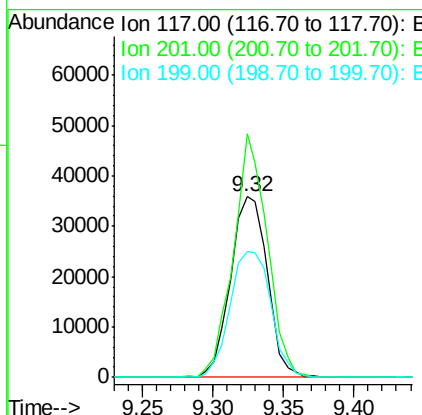
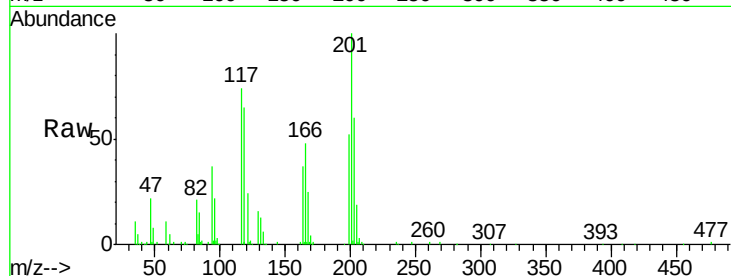




#17
Hexachloroethane
Concen: 20.98 ng/ul
RT: 9.32 min Scan# 1104
Delta R.T. 0.00 min
Lab File: BG025169.D
Acq: 14 Dec 2016 9:33

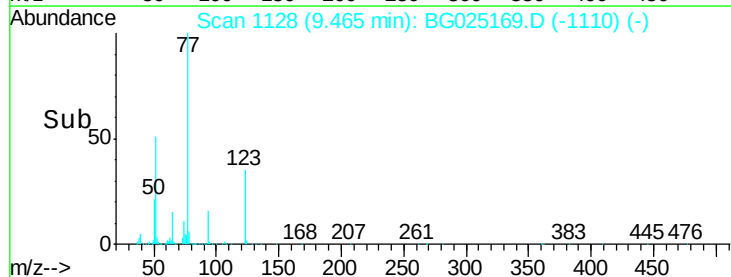
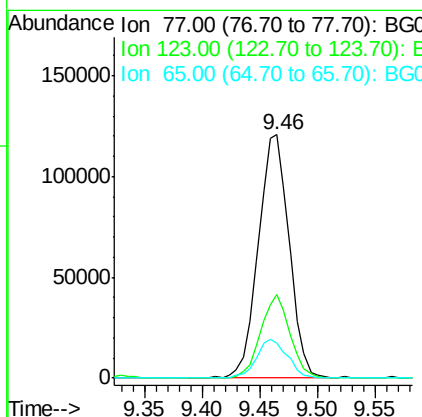
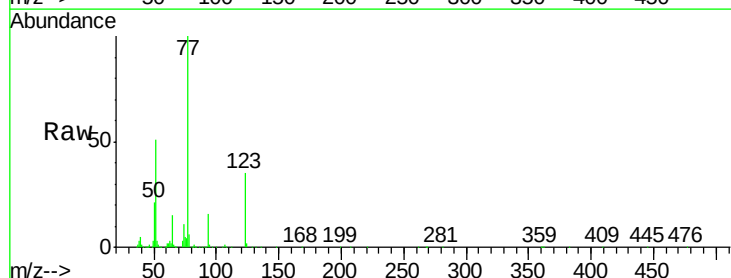
Instrument :
BNA_G
ClientSampleId :
SSTD02005

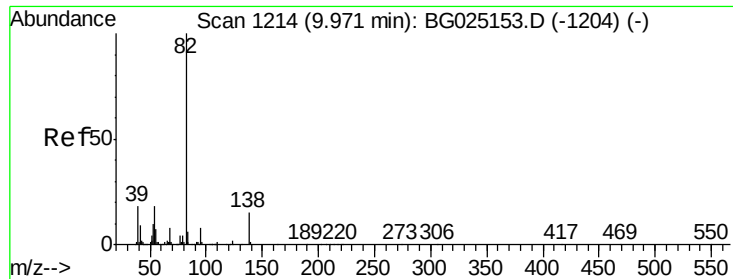
Tgt Ion:117 Resp: 65336
Ion Ratio Lower Upper
117 100
201 138.2 91.9 137.9#
199 69.9 64.3 96.5



#20
Nitrobenzene
Concen: 20.49 ng/ul
RT: 9.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BG025169.D
Acq: 14 Dec 2016 9:33

Tgt Ion: 77 Resp: 225614
Ion Ratio Lower Upper
77 100
123 34.5 27.4 41.0
65 14.5 13.3 19.9





#21

Isophorone

Concen: 19.82 ng/ul

RT: 9.98 min Scan# 1215

Delta R.T. 0.00 min

Lab File: BG025169.D

Acq: 14 Dec 2016 9:33

Instrument :

BNA_G

ClientSampleId :

SSTD02005

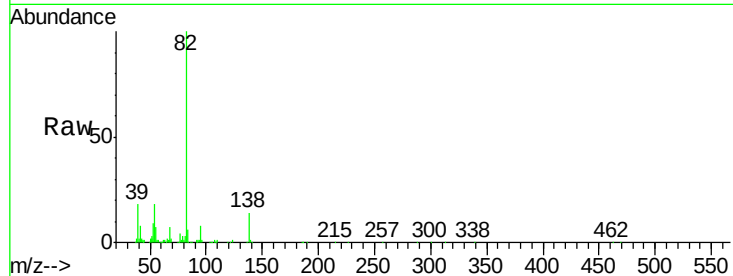
Tgt Ion: 82 Resp: 413023

Ion Ratio Lower Upper

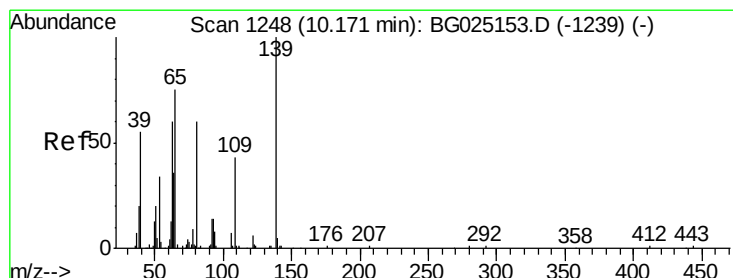
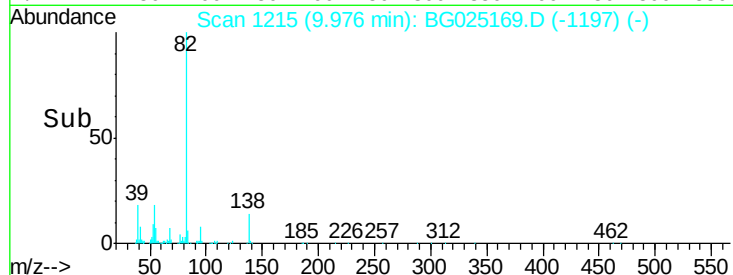
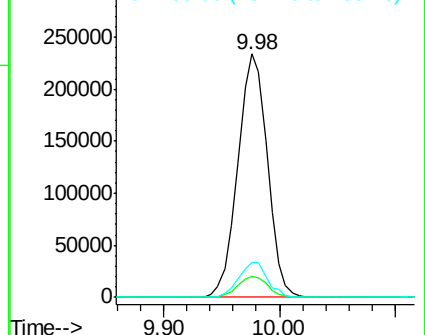
82 100

95 8.5 7.8 11.6

138 14.2 12.2 18.2



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: 19.52 ng/ul

RT: 10.18 min Scan# 1249

Delta R.T. 0.00 min

Lab File: BG025169.D

Acq: 14 Dec 2016 9:33

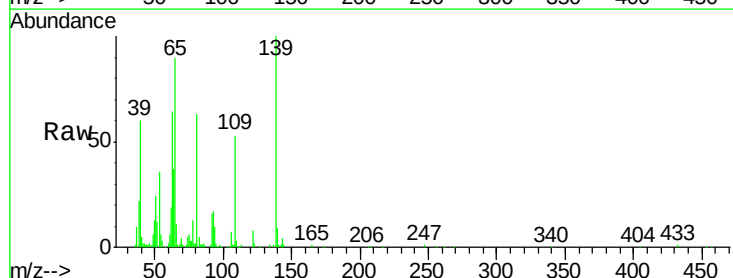
Tgt Ion: 139 Resp: 88451

Ion Ratio Lower Upper

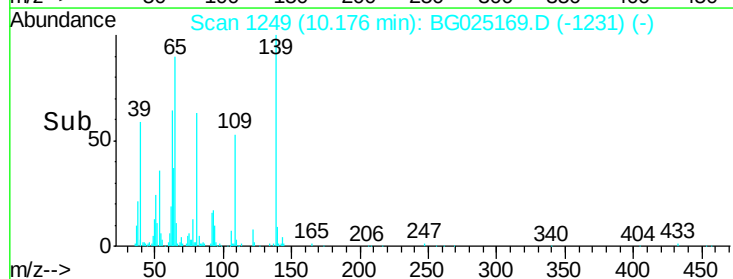
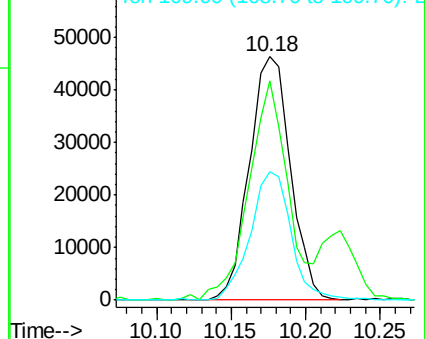
139 100

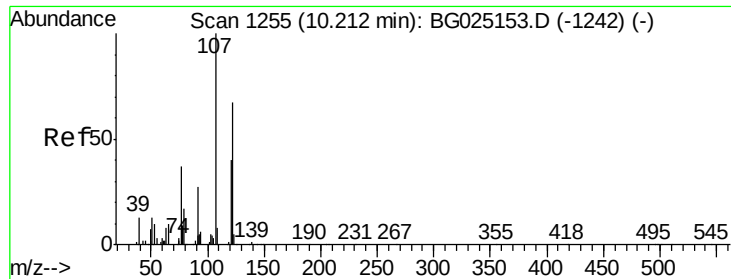
65 90.3 67.0 100.6

109 52.7 39.6 59.4



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

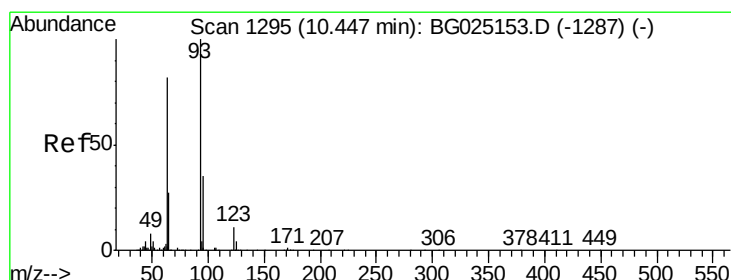
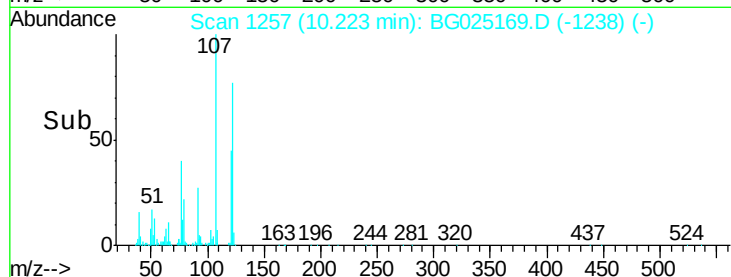
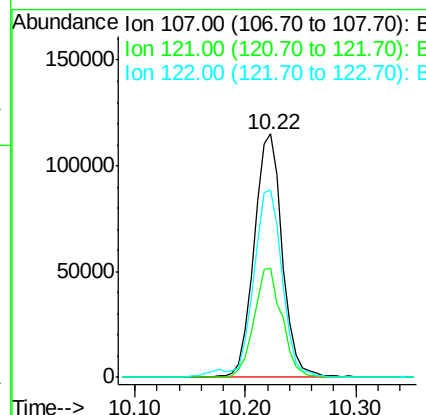
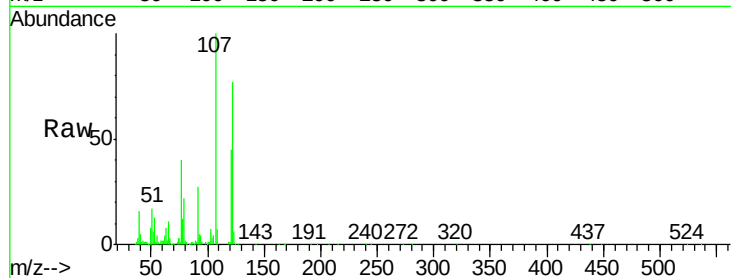




#24
2,4-Dimethylphenol
Concen: 19.89 ng/ul
RT: 10.22 min Scan# 1257
Delta R.T. 0.01 min
Lab File: BG025169.D
Acq: 14 Dec 2016 9:33

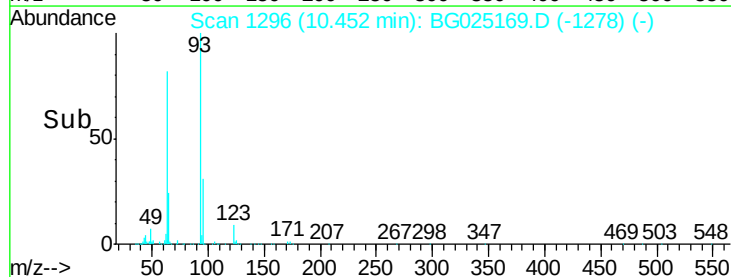
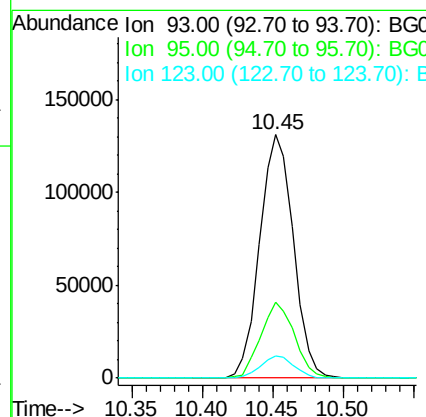
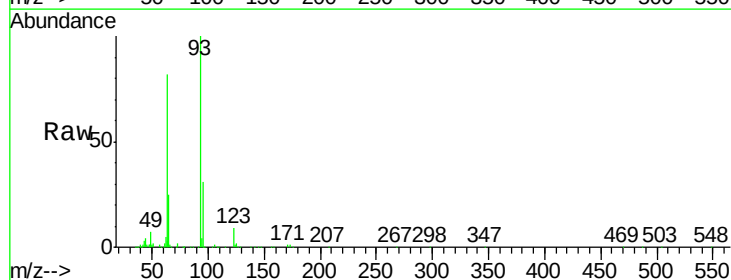
Instrument :
BNA_G
ClientSampleId :
SSTD02005

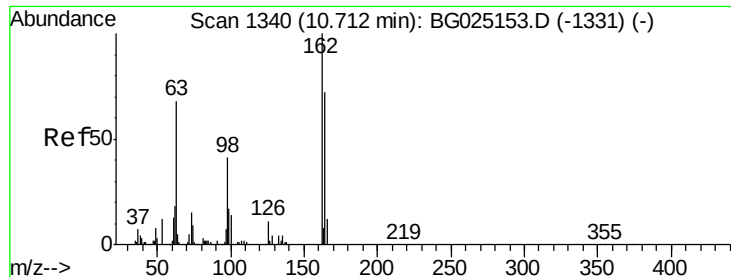
Tgt Ion	Ratio	Lower	Upper
107	100		
121	44.7	32.3	48.5
122	76.9	61.2	91.8



#25
Bis(2-Chloroethoxy)methane
Concen: 20.71 ng/ul
RT: 10.45 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BG025169.D
Acq: 14 Dec 2016 9:33

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.9	23.4	35.0
123	9.0	7.8	11.6





#27

2,4-Dichlorophenol

Concen: 20.33 ng/ul

RT: 10.72 min Scan# 1341

Delta R.T. 0.00 min

Lab File: BG025169.D

Acq: 14 Dec 2016 9:33

Instrument :

BNA_G

ClientSampleId :

SSTD02005

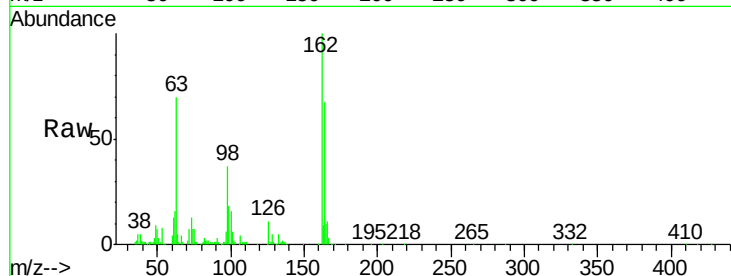
Tgt Ion:162 Resp: 169533

Ion Ratio Lower Upper

162 100

164 67.1 50.8 76.2

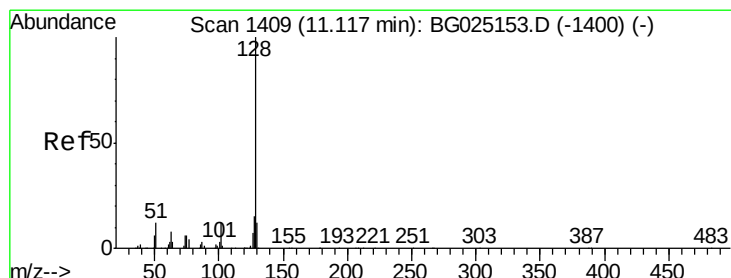
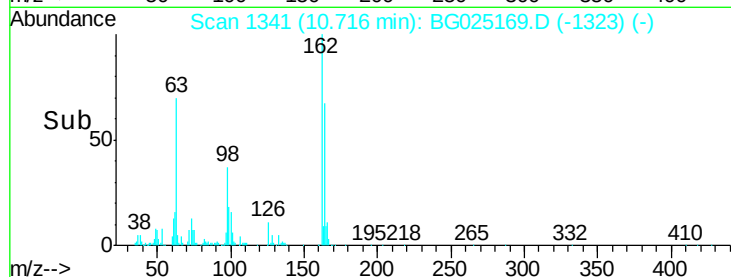
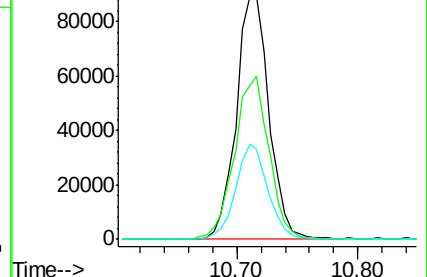
98 36.9 32.1 48.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#28

Naphthalene

Concen: 19.61 ng/ul

RT: 11.12 min Scan# 1410

Delta R.T. 0.00 min

Lab File: BG025169.D

Acq: 14 Dec 2016 9:33

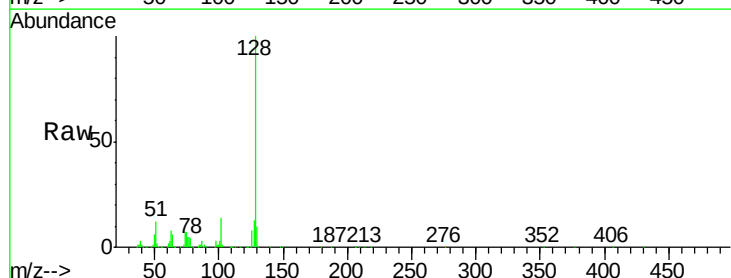
Tgt Ion:128 Resp: 461316

Ion Ratio Lower Upper

128 100

129 10.1 9.4 14.2

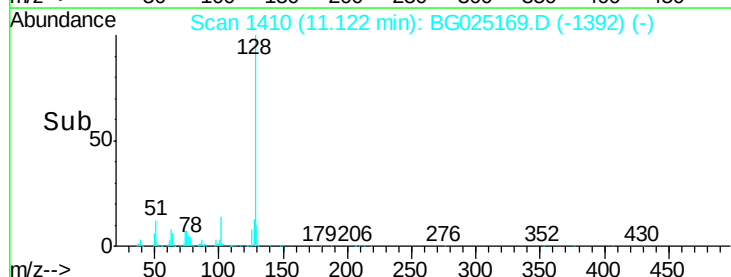
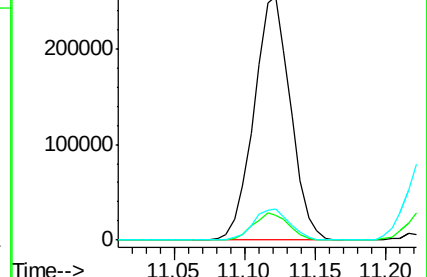
127 12.8 10.3 15.5

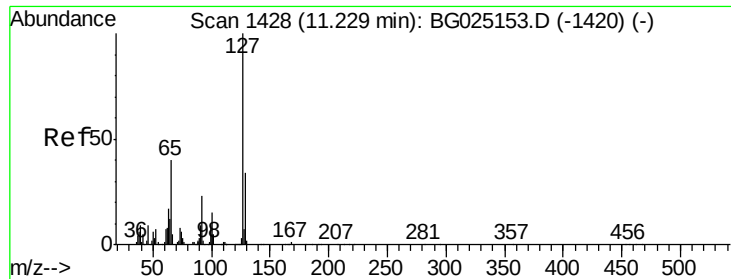


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

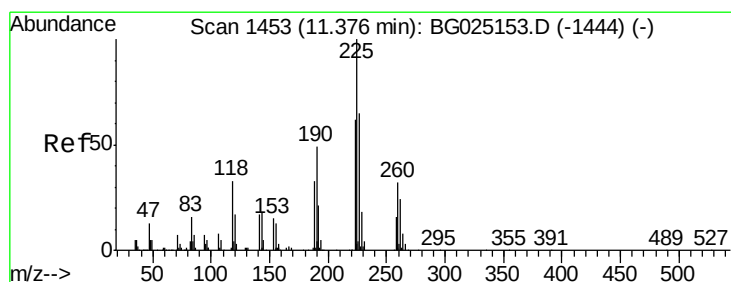
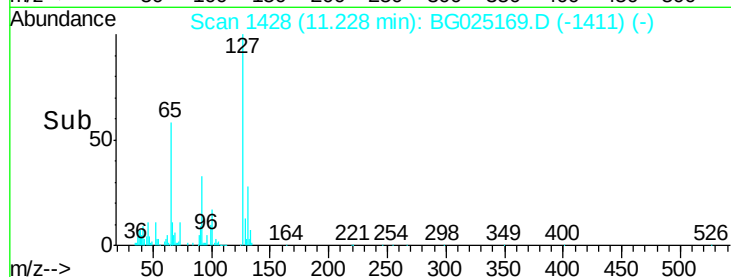
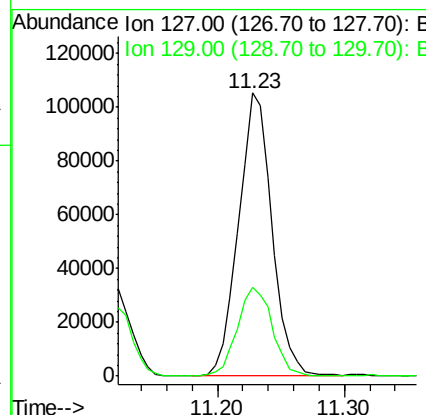
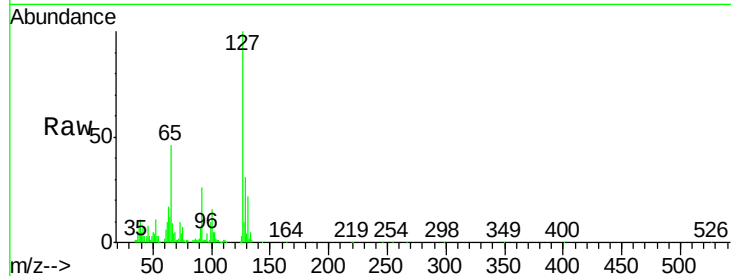




#30
 4-Chloroaniline
 Concen: 22.29 ng/ul
 RT: 11.23 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: BG025169.D
 Acq: 14 Dec 2016 9:33

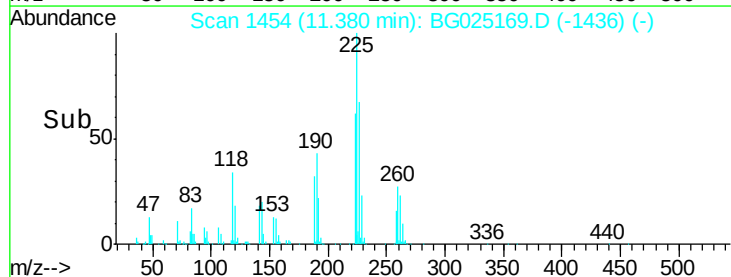
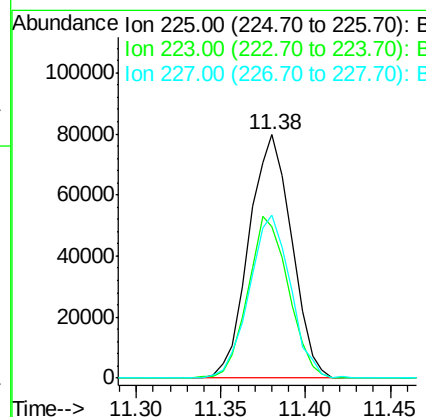
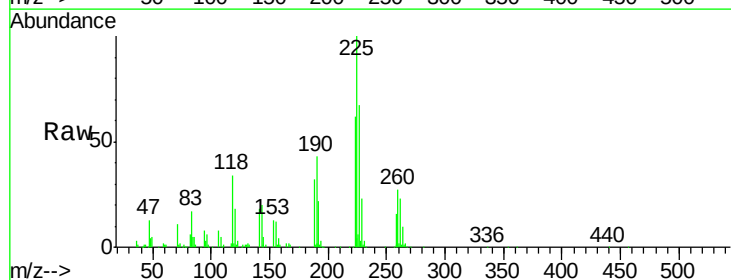
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02005

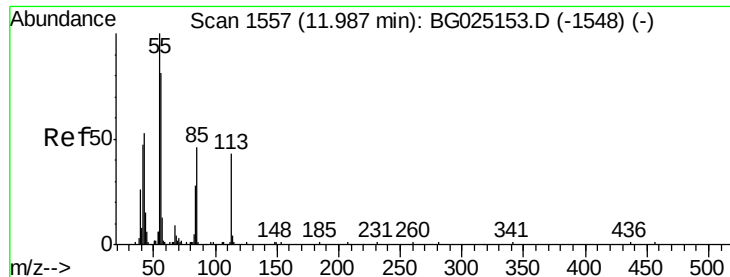
Tgt Ion:127 Resp: 192385
 Ion Ratio Lower Upper
 127 100
 129 31.2 28.9 43.3



#31
 Hexachlorobutadiene
 Concen: 19.44 ng/ul
 RT: 11.38 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BG025169.D
 Acq: 14 Dec 2016 9:33

Tgt Ion:225 Resp: 139423
 Ion Ratio Lower Upper
 225 100
 223 62.1 45.9 68.9
 227 66.7 44.7 67.1





#32

Caprolactam

Concen: 17.68 ng/ul

RT: 11.99 min Scan# 1558

Delta R.T. 0.00 min

Lab File: BG025169.D

Acq: 14 Dec 2016 9:33

Instrument :

BNA_G

ClientSampleId :

SSTD02005

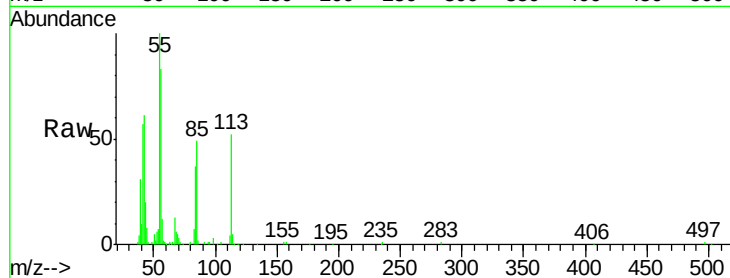
Tgt Ion:113 Resp: 61251

Ion Ratio Lower Upper

113 100

55 191.3 168.6 252.8

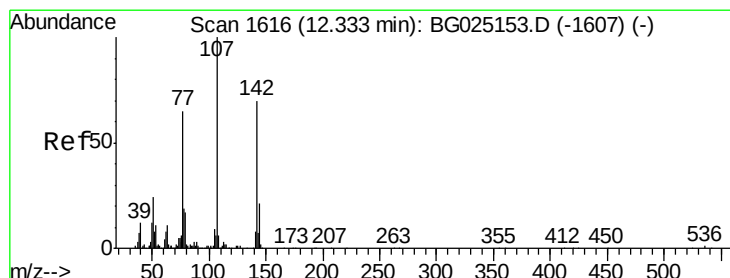
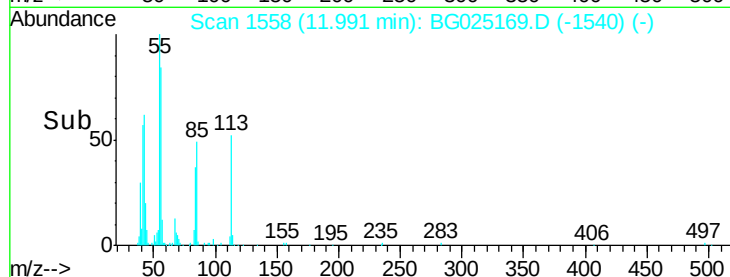
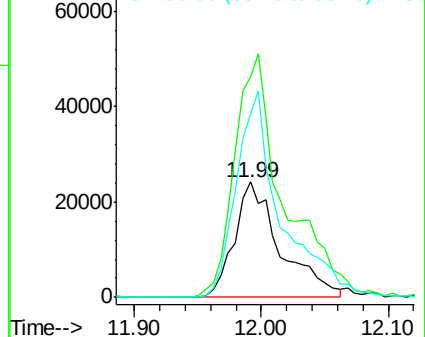
56 159.3 128.5 192.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#33

4-Chloro-3-methylphenol

Concen: 19.97 ng/ul

RT: 12.33 min Scan# 1616

Delta R.T. -0.00 min

Lab File: BG025169.D

Acq: 14 Dec 2016 9:33

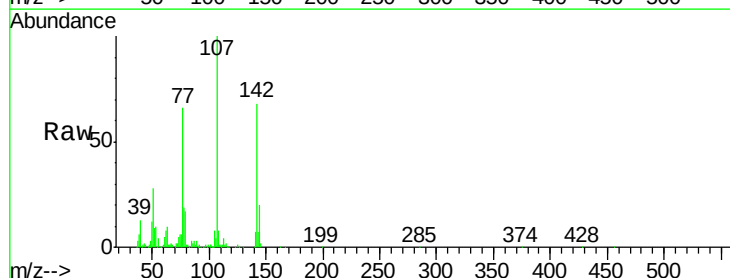
Tgt Ion:107 Resp: 205330

Ion Ratio Lower Upper

107 100

144 20.4 18.2 27.4

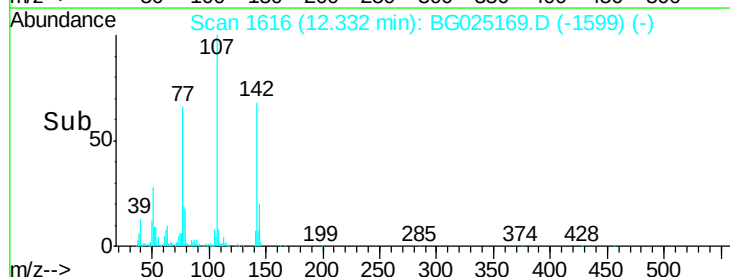
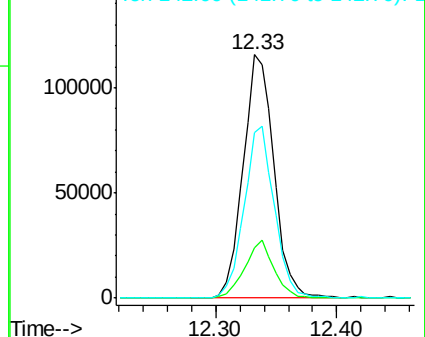
142 68.2 55.0 82.4

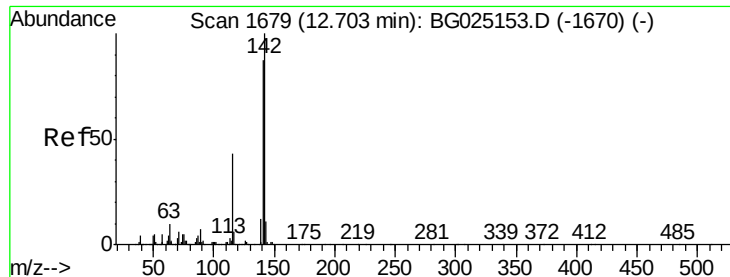


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

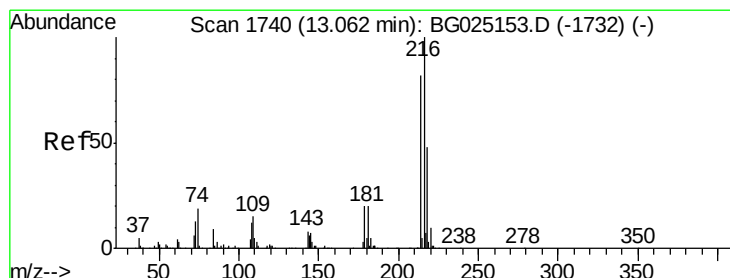
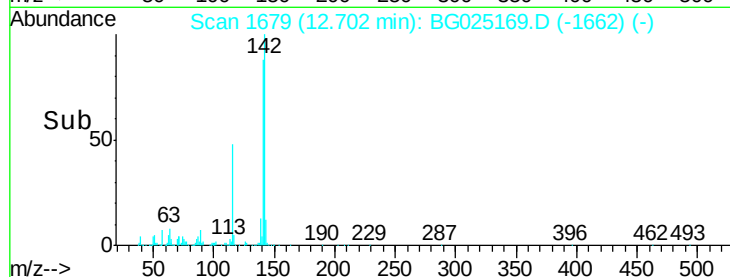
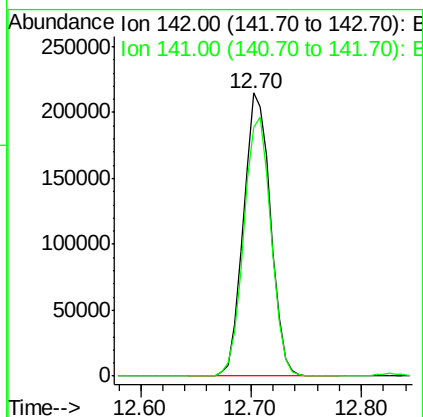
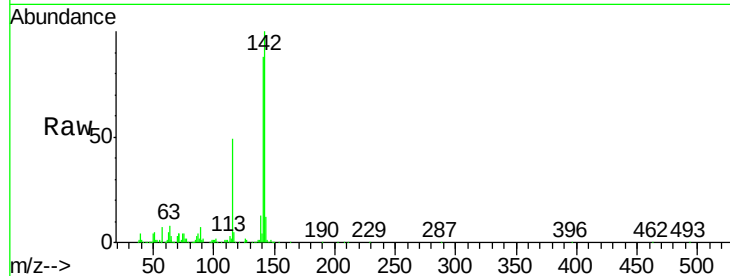




#34
 2-Methylnaphthalene
 Concen: 19.91 ng/ul
 RT: 12.70 min Scan# 1679
 Delta R.T. -0.00 min
 Lab File: BG025169.D
 Acq: 14 Dec 2016 9:33

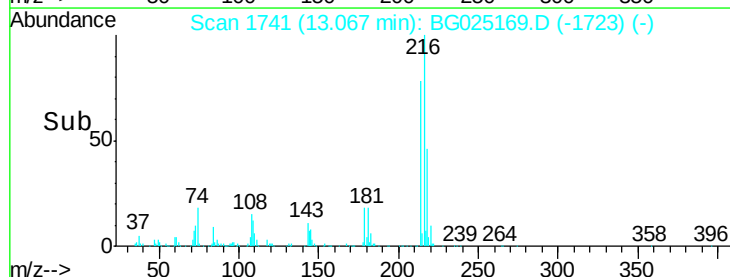
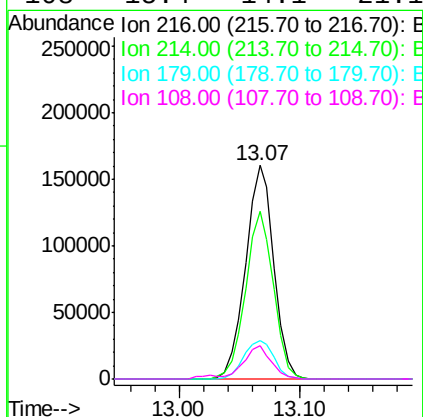
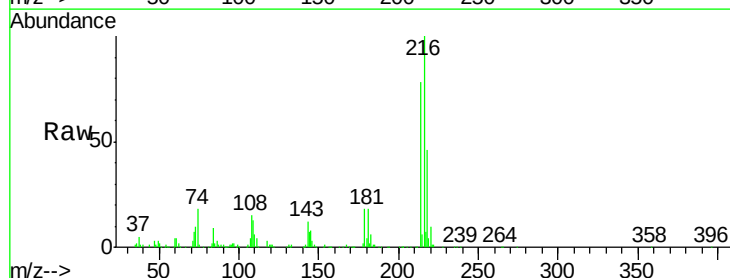
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02005

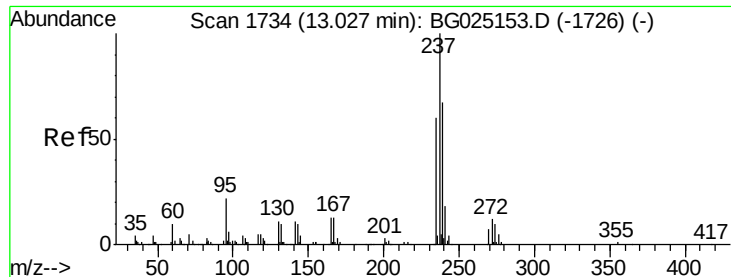
Tgt Ion:142 Resp: 369508
 Ion Ratio Lower Upper
 142 100
 141 88.1 68.6 102.8



#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 21.32 ng/ul
 RT: 13.07 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: BG025169.D
 Acq: 14 Dec 2016 9:33

Tgt Ion:216 Resp: 260101
 Ion Ratio Lower Upper
 216 100
 214 78.2 67.0 100.6
 179 18.0 18.1 27.1#
 108 15.4 14.1 21.1





#37

Hexachlorocyclopentadiene

Concen: 18.49 ng/ul

RT: 13.03 min Scan# 1735

Delta R.T. 0.00 min

Lab File: BG025169.D

Acq: 14 Dec 2016 9:33

Instrument :

BNA_G

ClientSampleId :

SSTD02005

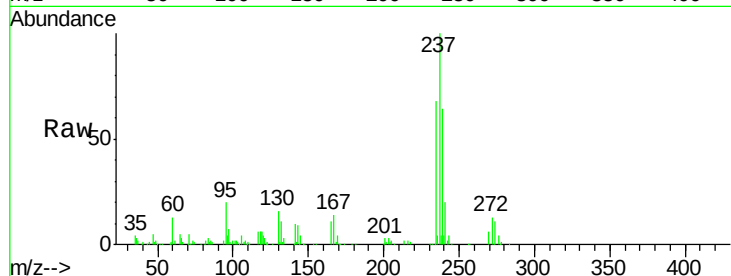
Tgt Ion: 237 Resp: 132409

Ion Ratio Lower Upper

237 100

235 68.1 50.2 75.4

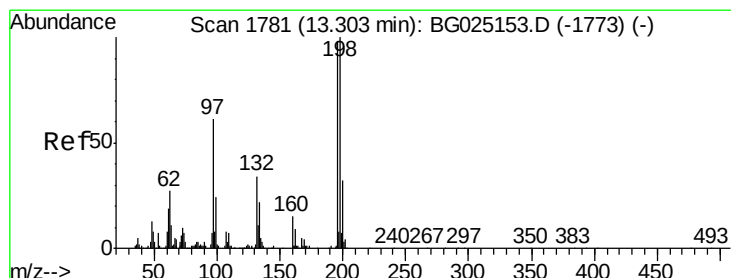
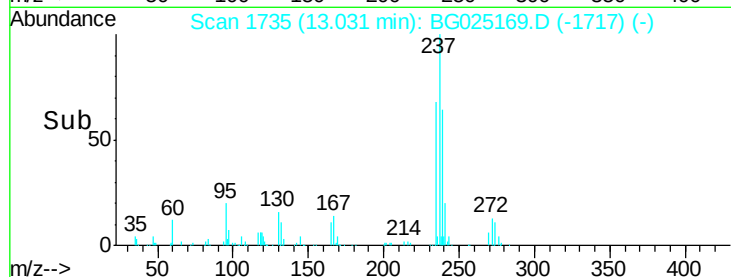
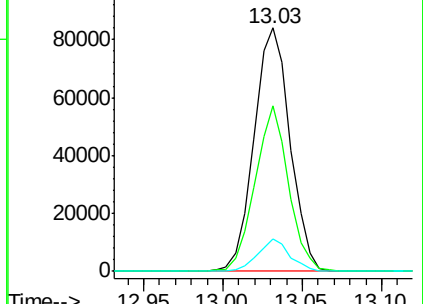
272 13.3 10.6 16.0



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: 20.59 ng/ul

RT: 13.31 min Scan# 1782

Delta R.T. 0.00 min

Lab File: BG025169.D

Acq: 14 Dec 2016 9:33

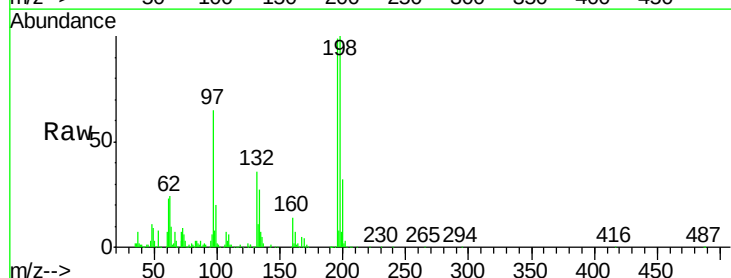
Tgt Ion: 196 Resp: 157790

Ion Ratio Lower Upper

196 100

198 101.5 71.4 107.2

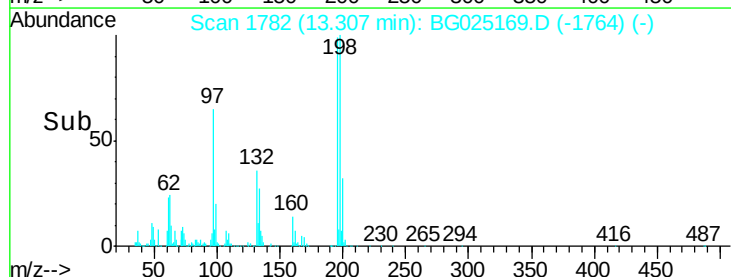
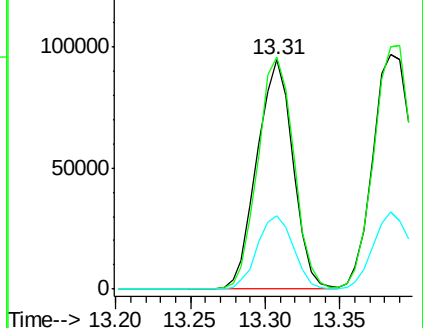
200 32.0 24.6 37.0

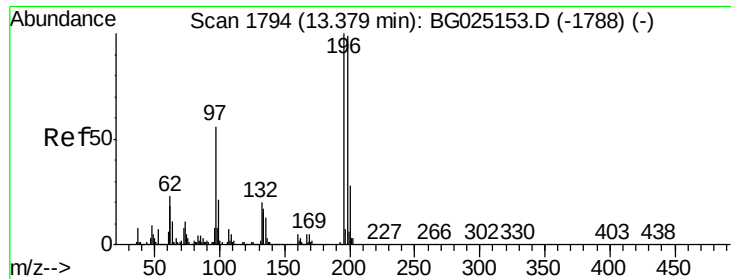


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

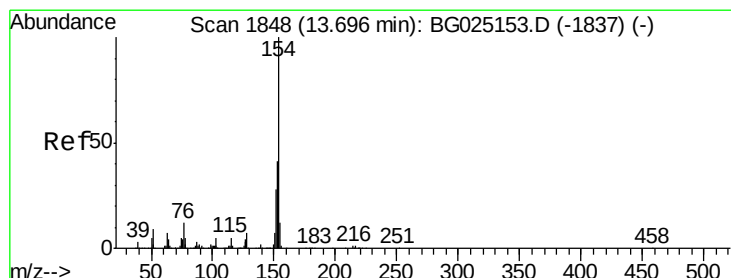
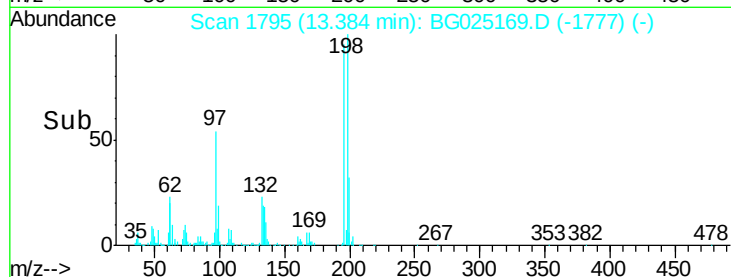
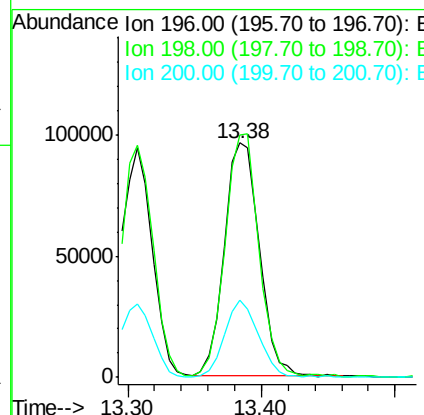
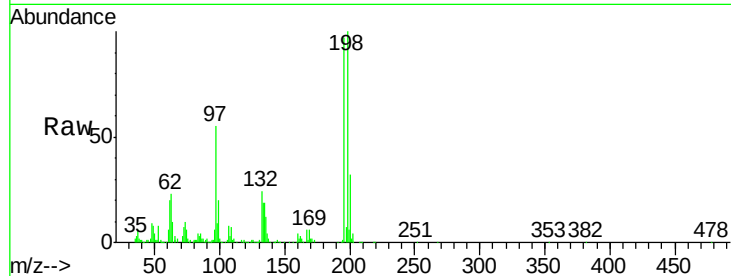




#39
 2,4,5-Trichlorophenol
 Concen: 21.12 ng/ul
 RT: 13.38 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: BG025169.D
 Acq: 14 Dec 2016 9:33

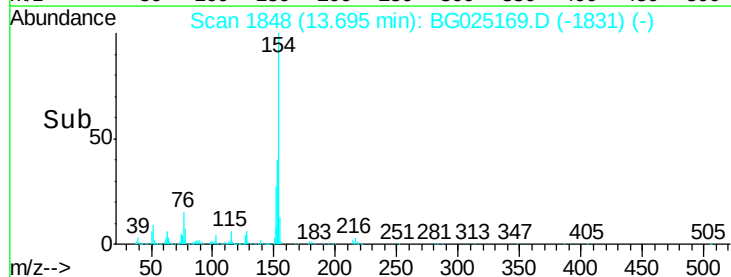
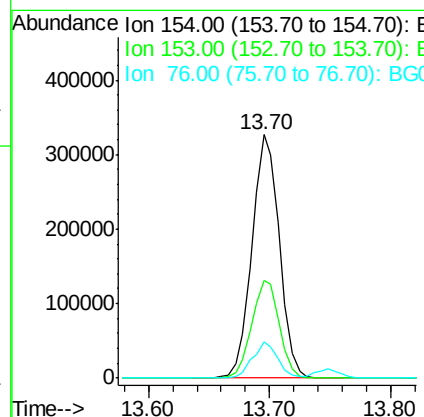
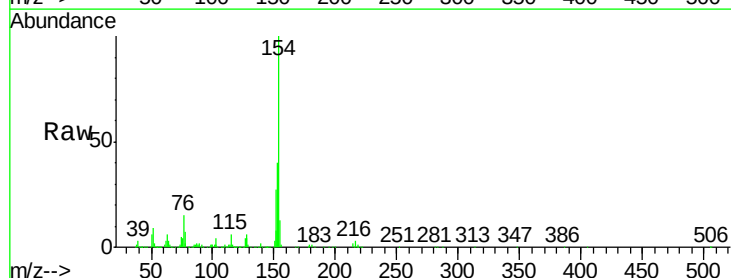
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02005

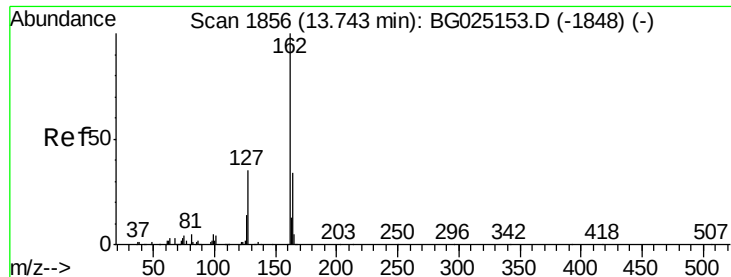
Tgt Ion	Ratio	Lower	Upper
196	100		
198	103.6	78.6	118.0
200	32.9	27.3	40.9



#40
 1,1'-Biphenyl
 Concen: 20.98 ng/ul
 RT: 13.70 min Scan# 1848
 Delta R.T. -0.00 min
 Lab File: BG025169.D
 Acq: 14 Dec 2016 9:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.2	32.2	48.2
76	14.9	9.6	14.4

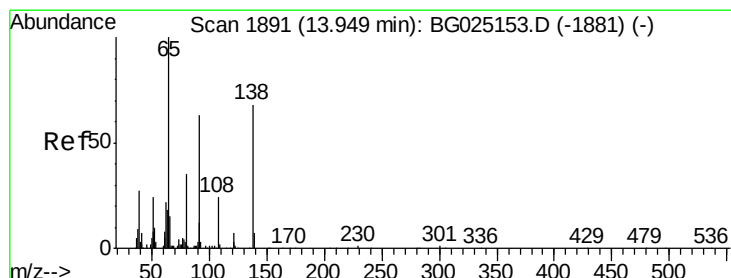
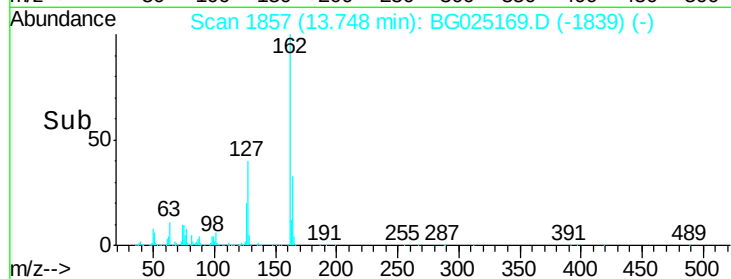
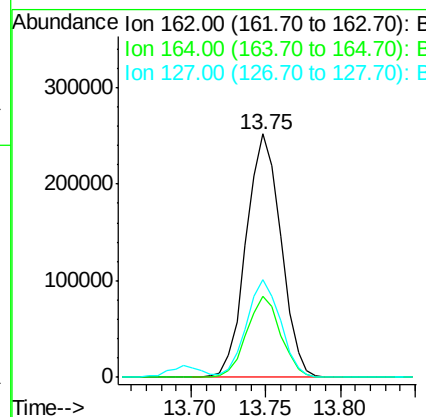
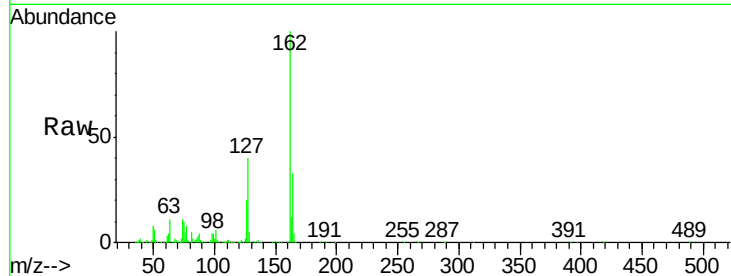




#41
2-Chloronaphthalene
Concen: 20.73 ng/ul
RT: 13.75 min Scan# 1857
Delta R.T. 0.00 min
Lab File: BG025169.D
Acq: 14 Dec 2016 9:33

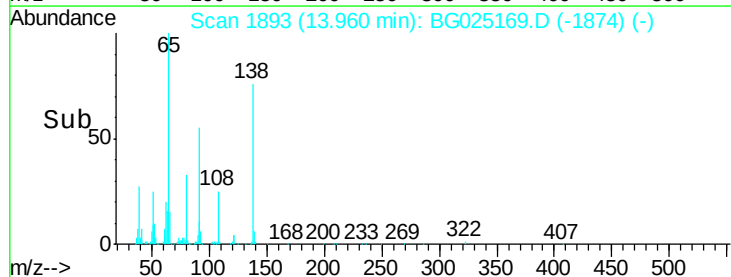
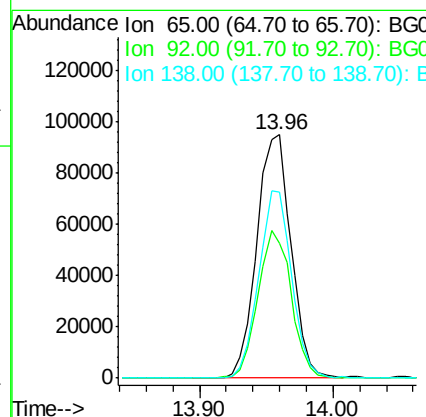
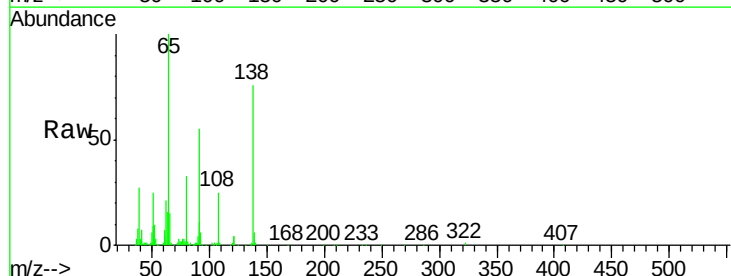
Instrument :
BNA_G
ClientSampleId :
SSTD02005

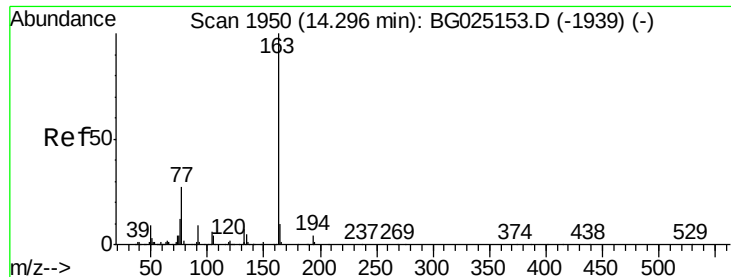
Tgt Ion	Ratio	Lower	Upper
162	100		
164	33.3	25.0	37.6
127	40.2	30.7	46.1



#42
2-Nitroaniline
Concen: 21.97 ng/ul
RT: 13.96 min Scan# 1893
Delta R.T. 0.01 min
Lab File: BG025169.D
Acq: 14 Dec 2016 9:33

Tgt Ion	Ratio	Lower	Upper
65	100		
92	55.2	50.9	76.3
138	76.3	61.8	92.6





#44

Dimethylphthalate

Concen: 19.18 ng/ul

RT: 14.30 min Scan# 1951

Delta R.T. 0.00 min

Lab File: BG025169.D

Acq: 14 Dec 2016 9:33

Instrument :

BNA_G

ClientSampleId :

SSTD02005

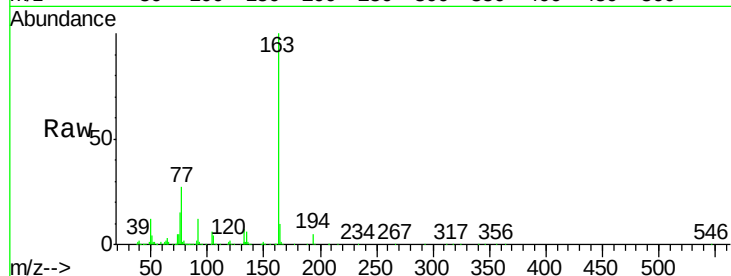
Tgt Ion:163 Resp: 524569

Ion Ratio Lower Upper

163 100

194 4.9 3.4 5.0

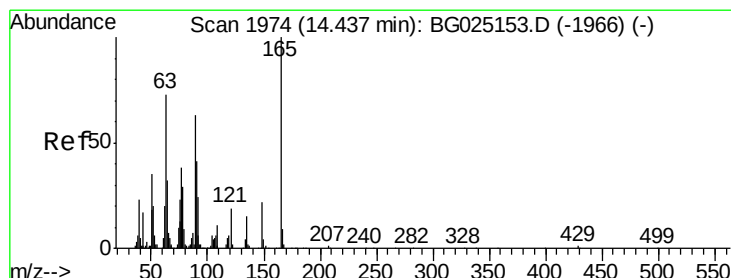
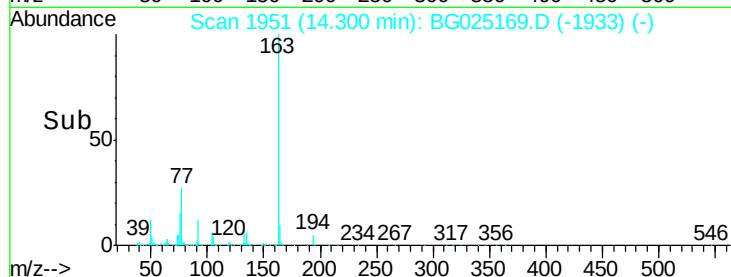
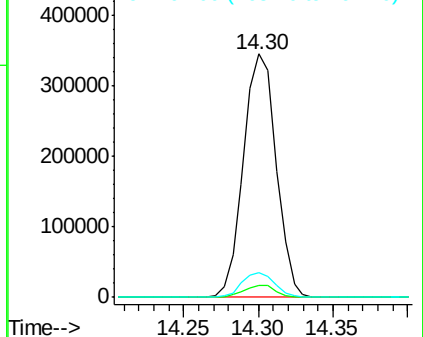
164 10.0 9.0 13.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#45

2,6-Dinitrotoluene

Concen: 19.92 ng/ul

RT: 14.44 min Scan# 1974

Delta R.T. -0.00 min

Lab File: BG025169.D

Acq: 14 Dec 2016 9:33

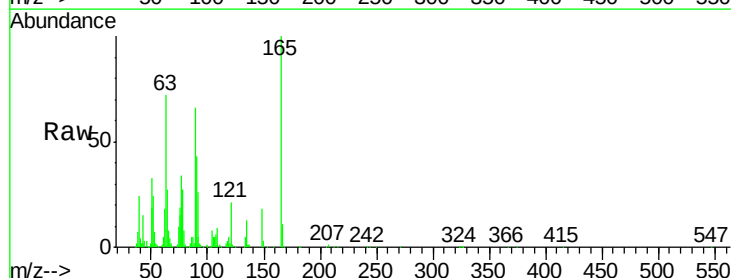
Tgt Ion:165 Resp: 117090

Ion Ratio Lower Upper

165 100

89 66.0 52.9 79.3

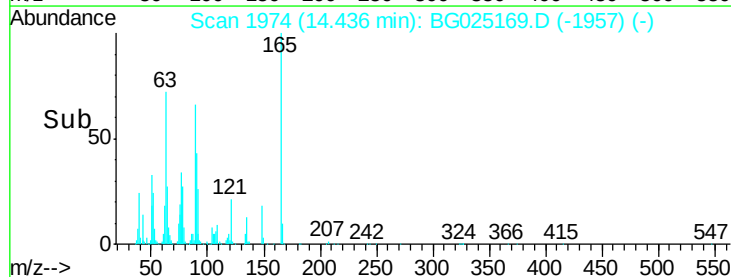
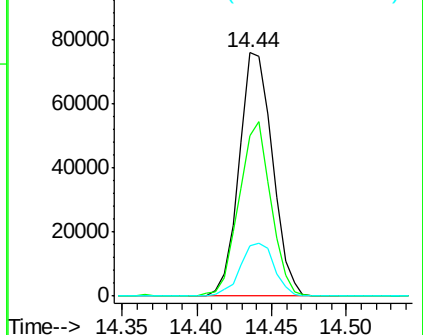
121 20.8 22.2 33.4#

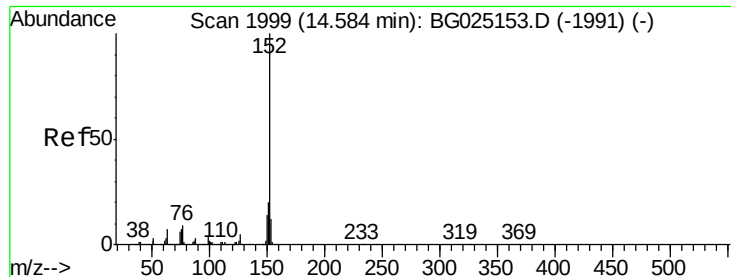


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BG

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 20.63 ng/ul

RT: 14.59 min Scan# 2000

Delta R.T. 0.00 min

Lab File: BG025169.D

Acq: 14 Dec 2016 9:33

Instrument :

BNA_G

ClientSampleId :

SSTD02005

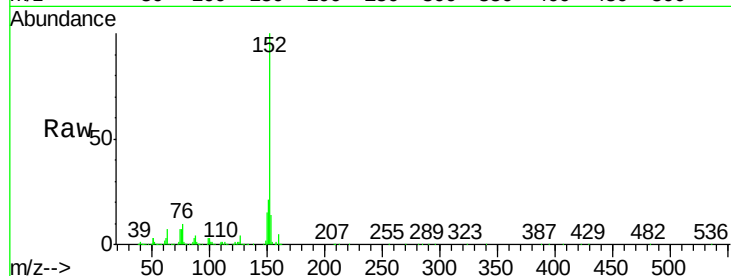
Tgt Ion:152 Resp: 611598

Ion Ratio Lower Upper

152 100

151 21.3 16.7 25.1

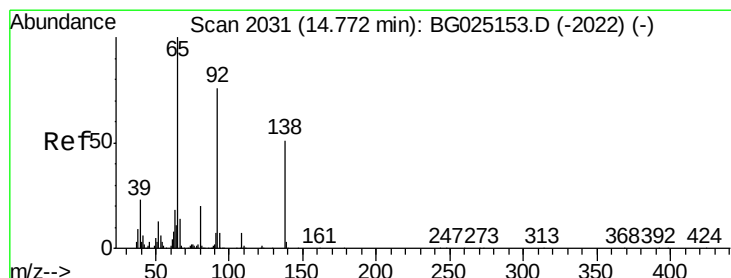
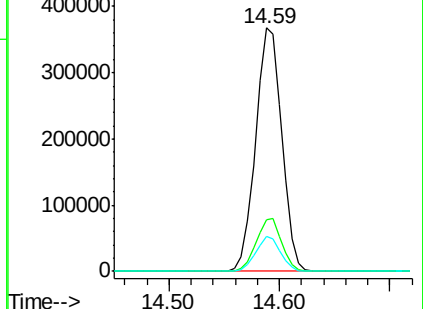
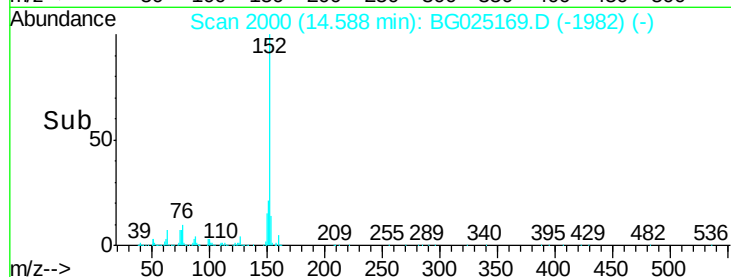
153 14.2 11.4 17.2



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: 21.98 ng/ul

RT: 14.78 min Scan# 2032

Delta R.T. 0.00 min

Lab File: BG025169.D

Acq: 14 Dec 2016 9:33

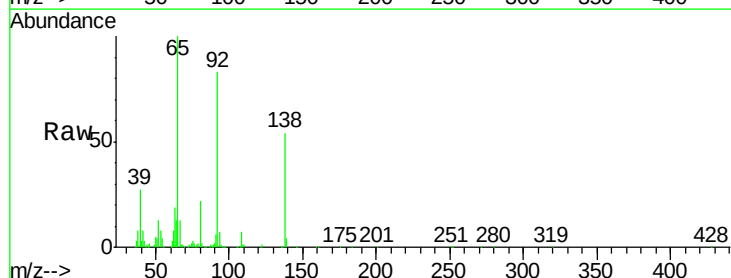
Tgt Ion:138 Resp: 111910

Ion Ratio Lower Upper

138 100

108 13.4 6.3 9.5#

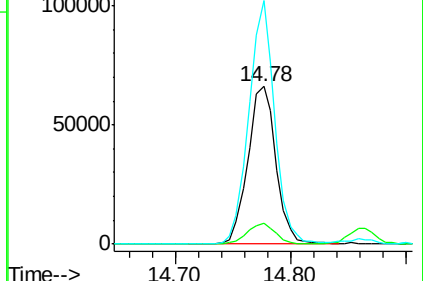
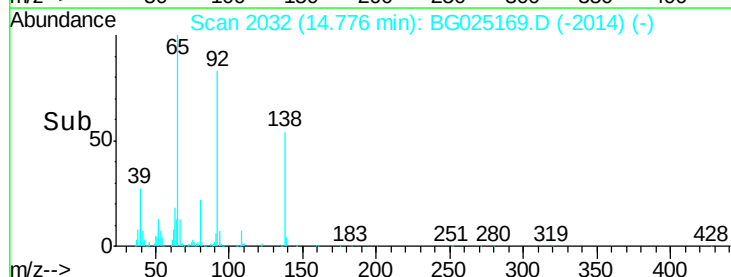
92 154.4 106.4 159.6

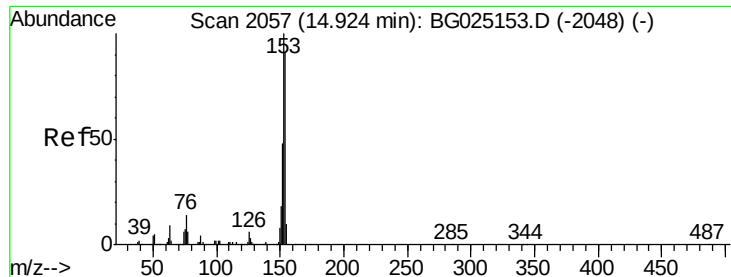


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#49

Acenaphthene

Concen: 21.42 ng/ul

RT: 14.93 min Scan# 2058

Delta R.T. 0.00 min

Lab File: BG025169.D

Acq: 14 Dec 2016 9:33

Instrument :

BNA_G

ClientSampleId :

SSTD02005

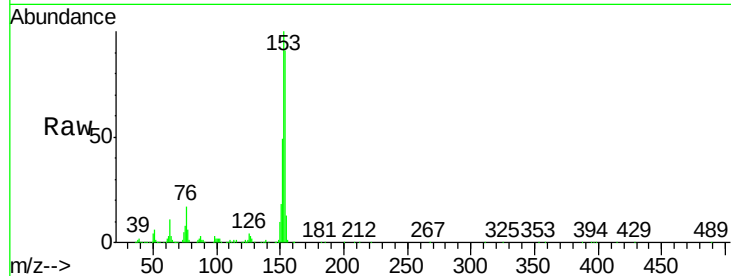
Tgt Ion:153 Resp: 434925

Ion Ratio Lower Upper

153 100

152 49.2 36.5 54.7

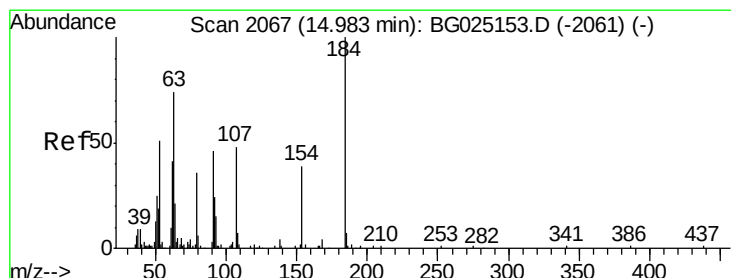
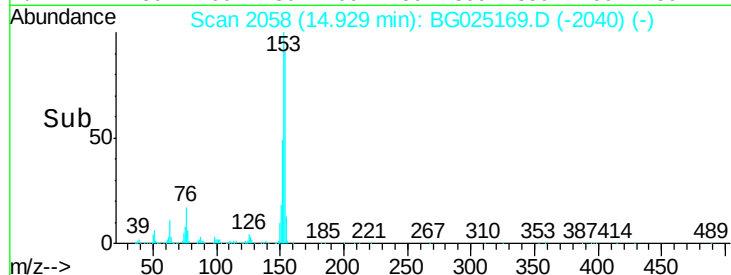
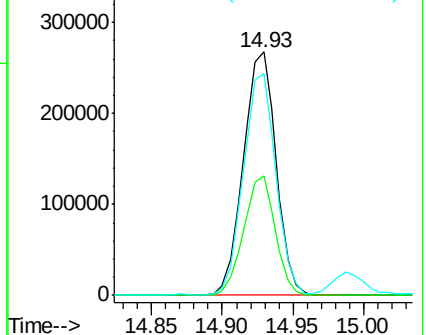
154 91.4 72.3 108.5



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: 15.26 ng/ul

RT: 14.99 min Scan# 2068

Delta R.T. 0.00 min

Lab File: BG025169.D

Acq: 14 Dec 2016 9:33

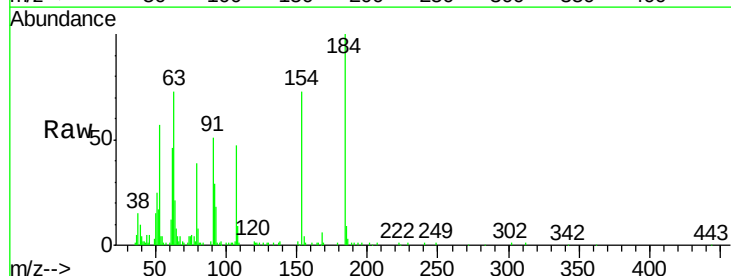
Tgt Ion:184 Resp: 58280

Ion Ratio Lower Upper

184 100

63 72.8 65.1 97.7

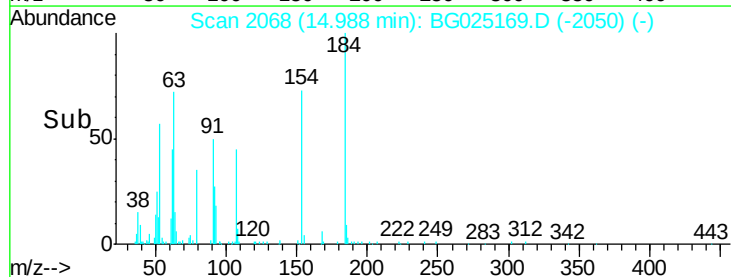
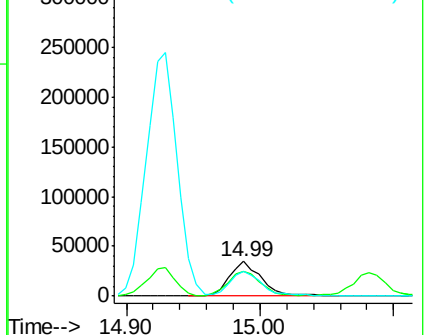
154 72.6 68.2 102.4

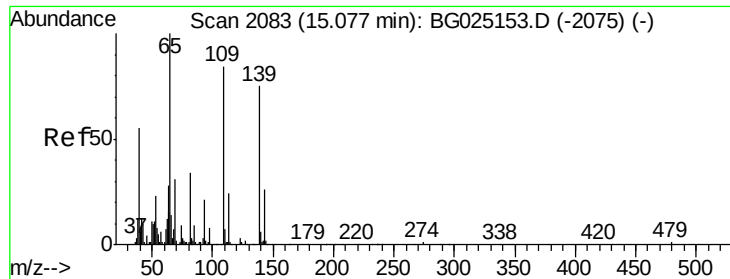


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 17.52 ng/ul

RT: 15.08 min Scan# 2084

Delta R.T. 0.00 min

Lab File: BG025169.D

Acq: 14 Dec 2016 9:33

Instrument :

BNA_G

ClientSampleId :

SSTD02005

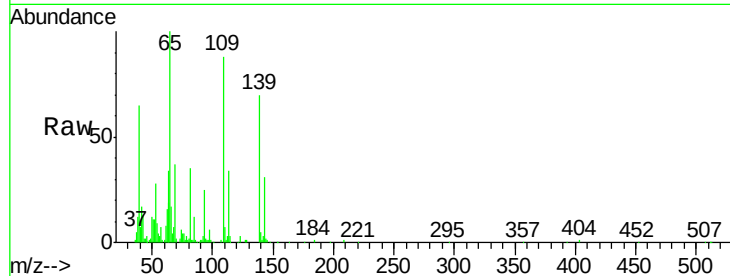
Tgt Ion:109 Resp: 100836

Ion Ratio Lower Upper

109 100

139 79.5 62.6 93.8

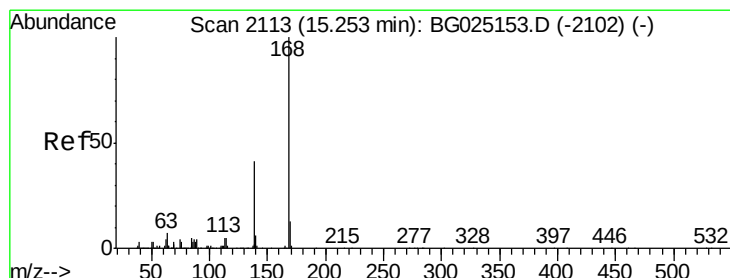
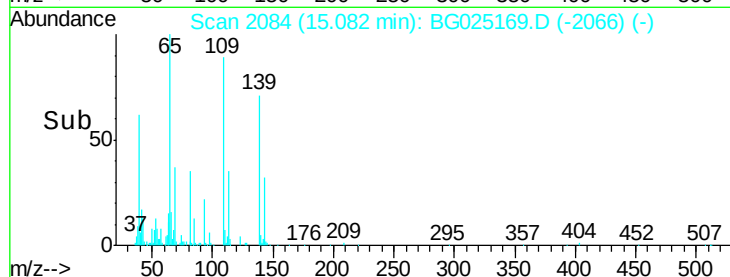
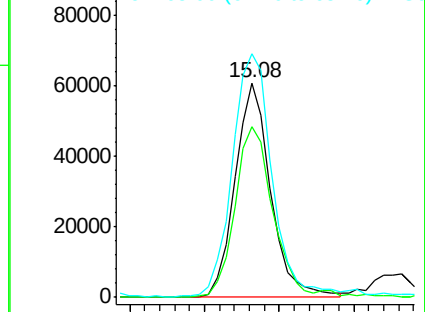
65 113.4 90.4 135.6



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): BGC



#53

Dibenzofuran

Concen: 20.10 ng/ul

RT: 15.26 min Scan# 2114

Delta R.T. 0.00 min

Lab File: BG025169.D

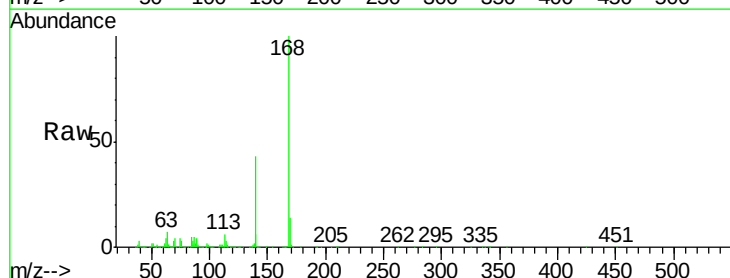
Acq: 14 Dec 2016 9:33

Tgt Ion:168 Resp: 645684

Ion Ratio Lower Upper

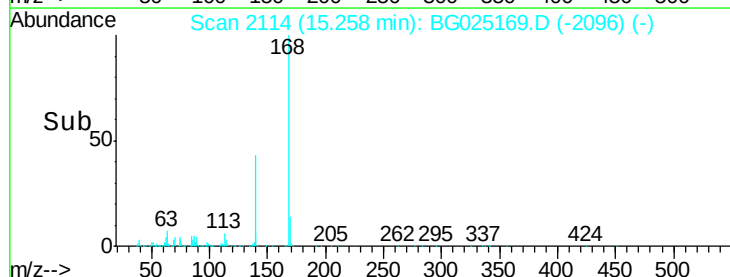
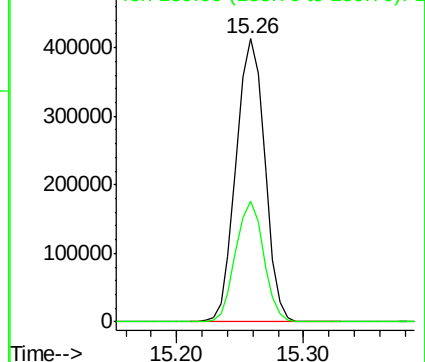
168 100

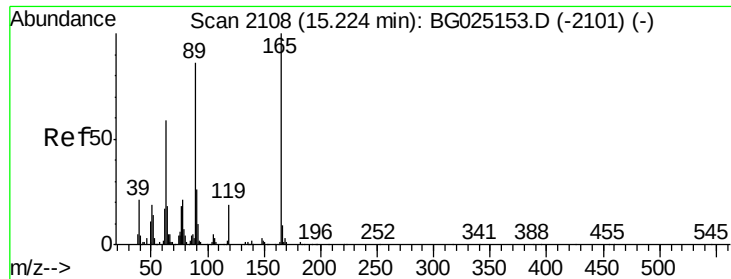
139 42.7 33.8 50.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

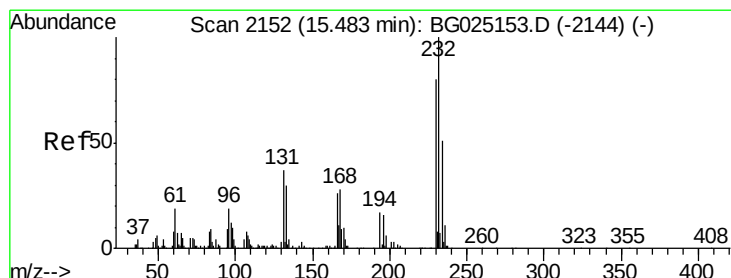
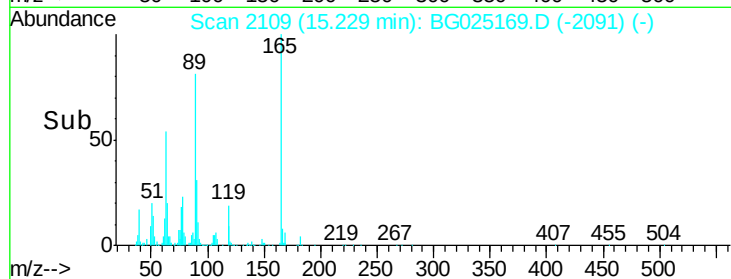
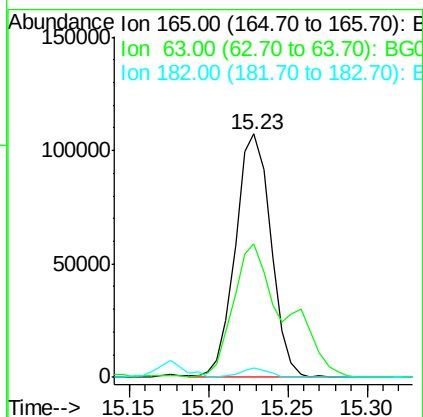
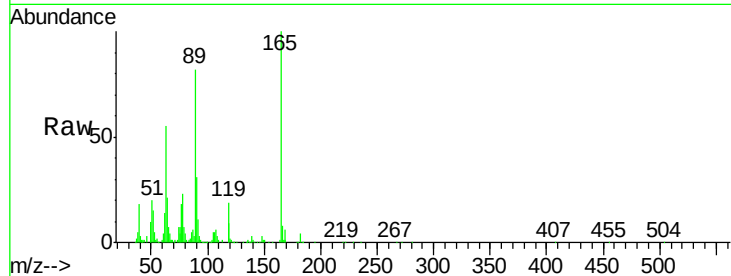




#54
 2,4-Dinitrotoluene
 Concen: 18.90 ng/ul
 RT: 15.23 min Scan# 2109
 Delta R.T. 0.00 min
 Lab File: BG025169.D
 Acq: 14 Dec 2016 9:33

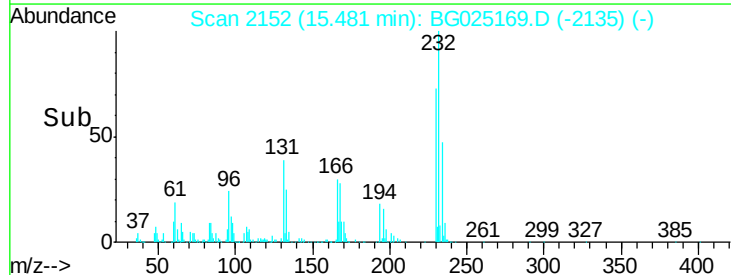
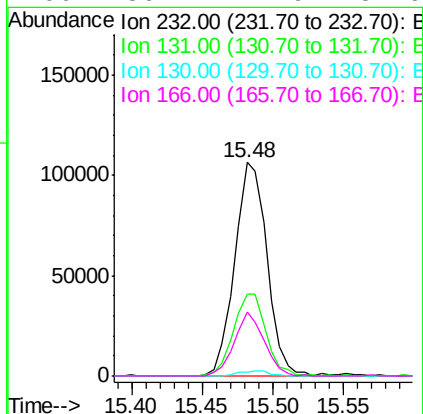
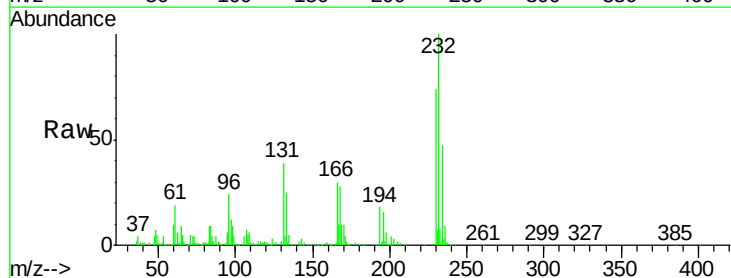
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02005

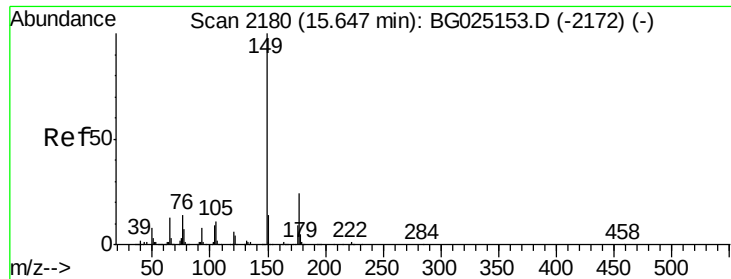
Tgt Ion:165 Resp: 167408
 Ion Ratio Lower Upper
 165 100
 63 54.7 46.8 70.2
 182 3.8 1.8 2.6#



#55
 2,3,4,6-Tetrachlorophenol
 Concen: 19.19 ng/ul
 RT: 15.48 min Scan# 2152
 Delta R.T. -0.00 min
 Lab File: BG025169.D
 Acq: 14 Dec 2016 9:33

Tgt Ion:232 Resp: 170257
 Ion Ratio Lower Upper
 232 100
 131 38.6 33.3 49.9
 130 1.9 1.8 2.6
 166 30.1 21.9 32.9

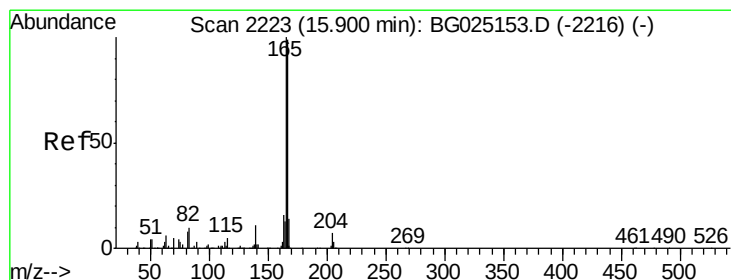
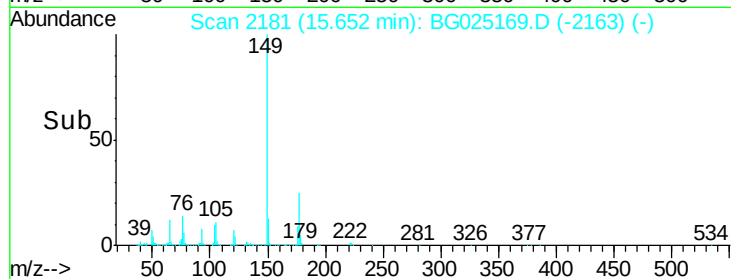
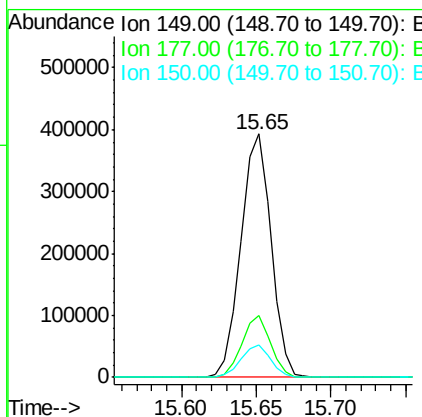
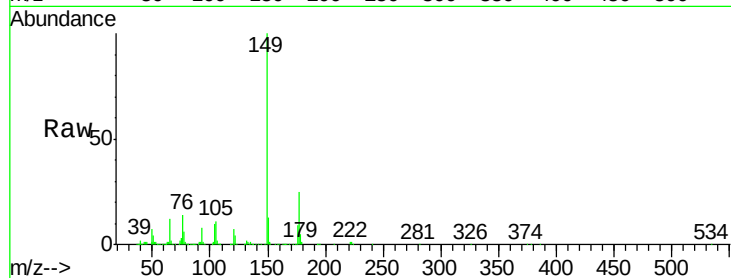




#56
Diethylphthalate
Concen: 18.98 ng/ul
RT: 15.65 min Scan# 2181
Delta R.T. 0.00 min
Lab File: BG025169.D
Acq: 14 Dec 2016 9:33

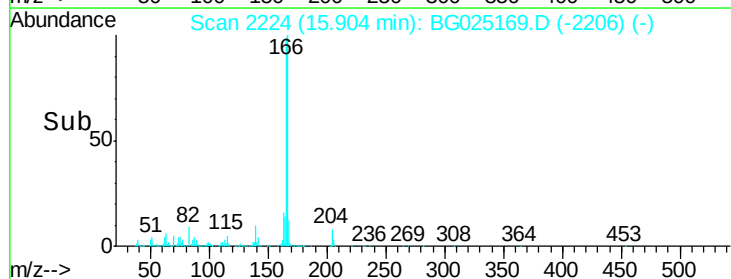
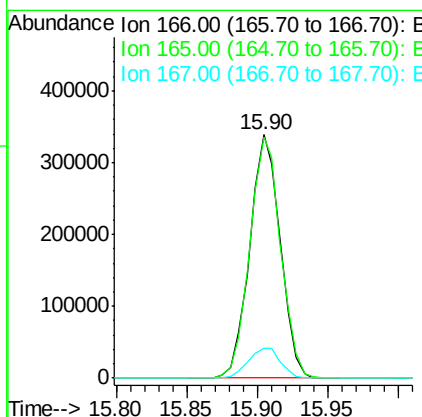
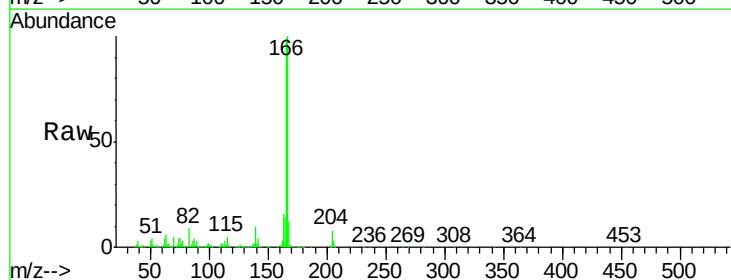
Instrument :
BNA_G
ClientSampleId :
SSTD02005

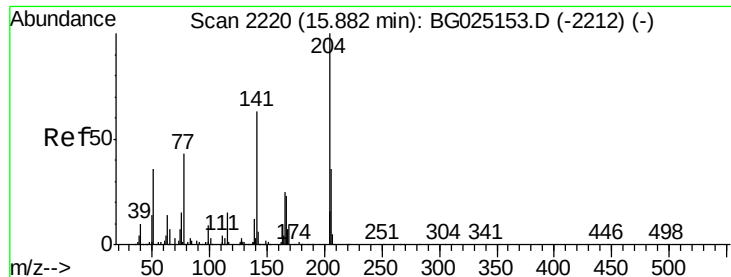
Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.2	17.8	26.8
150	13.2	10.2	15.4



#58
Fluorene
Concen: 19.69 ng/ul
RT: 15.90 min Scan# 2224
Delta R.T. 0.00 min
Lab File: BG025169.D
Acq: 14 Dec 2016 9:33

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.7	119.5
167	12.5	11.4	17.2

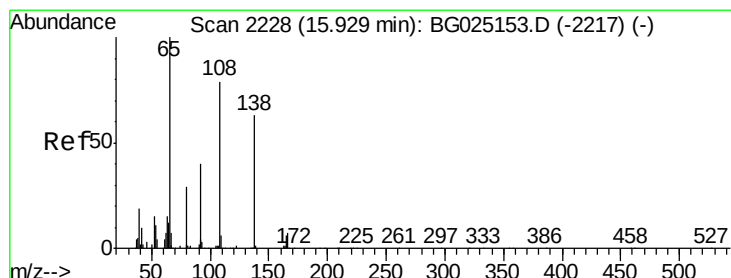
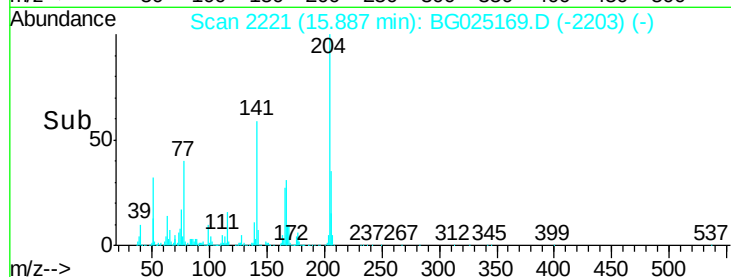
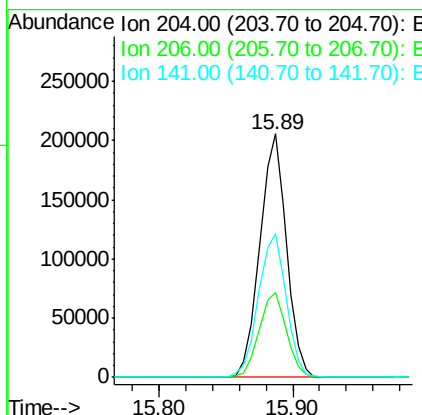
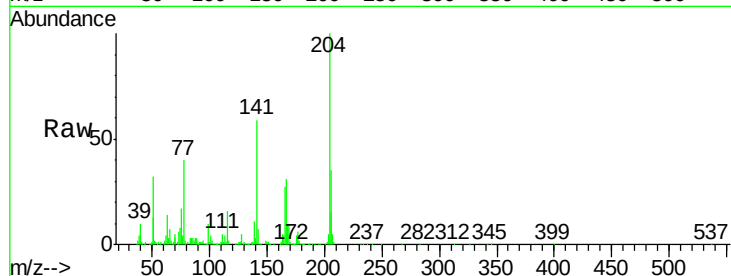




#59
 4-Chlorophenyl-phenylether
 Concen: 19.13 ng/ul
 RT: 15.89 min Scan# 2221
 Delta R.T. 0.00 min
 Lab File: BG025169.D
 Acq: 14 Dec 2016 9:33

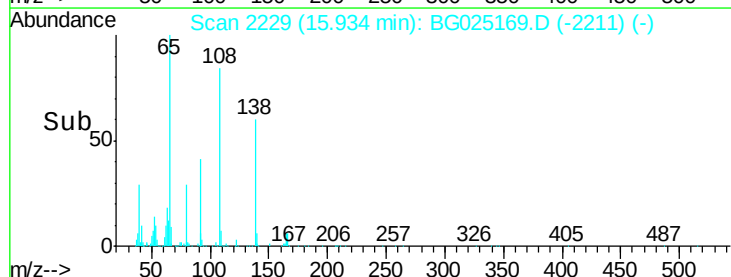
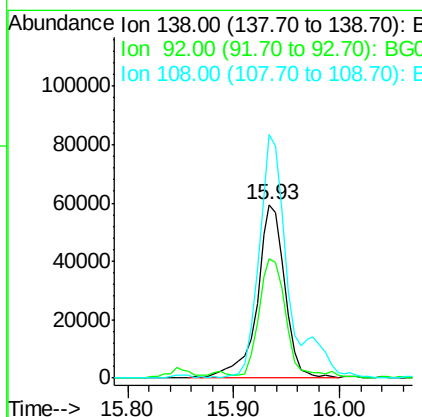
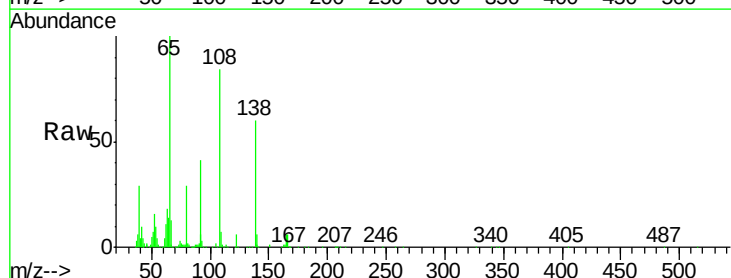
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02005

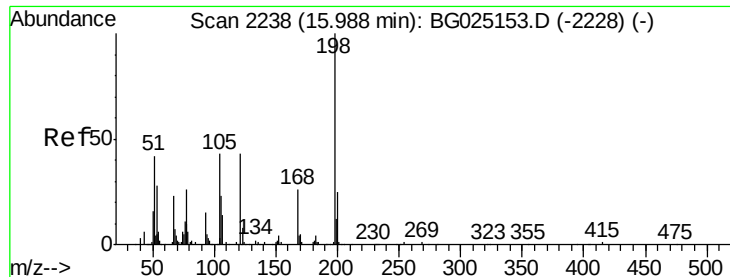
Tgt Ion: 204 Resp: 281670
 Ion Ratio Lower Upper
 204 100
 206 34.9 32.3 48.5
 141 59.0 57.5 86.3



#60
 4-Nitroaniline
 Concen: 17.74 ng/ul
 RT: 15.93 min Scan# 2229
 Delta R.T. 0.00 min
 Lab File: BG025169.D
 Acq: 14 Dec 2016 9:33

Tgt Ion: 138 Resp: 108920
 Ion Ratio Lower Upper
 138 100
 92 68.7 56.9 85.3
 108 140.1 104.9 157.3

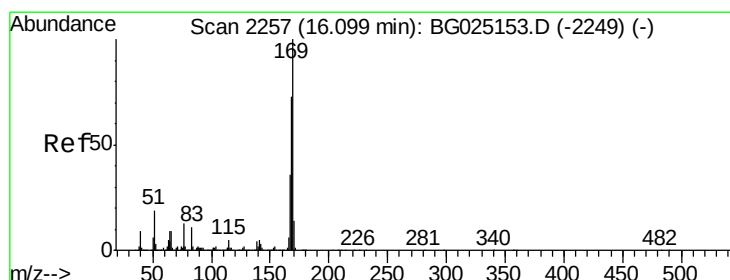
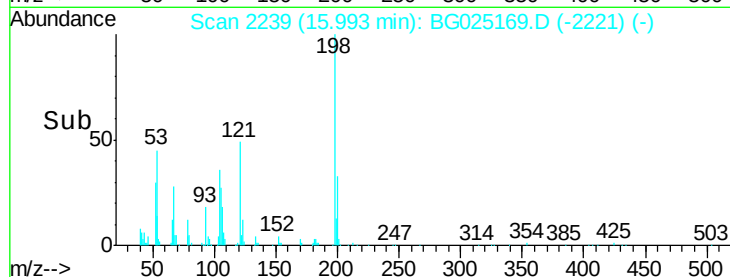
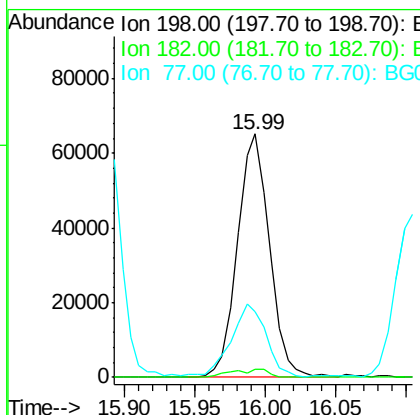
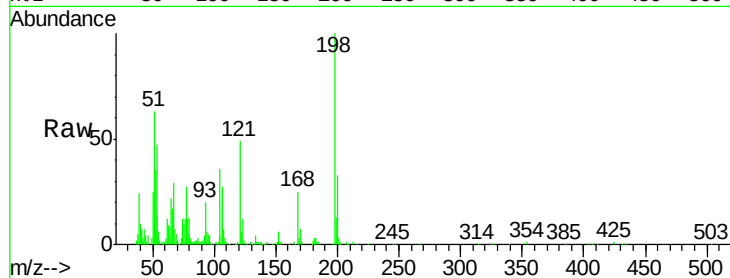




#63
 4,6-Dinitro-2-methylphenol
 Concen: 19.41 ng/ul
 RT: 15.99 min Scan# 2239
 Delta R.T. 0.00 min
 Lab File: BG025169.D
 Acq: 14 Dec 2016 9:33

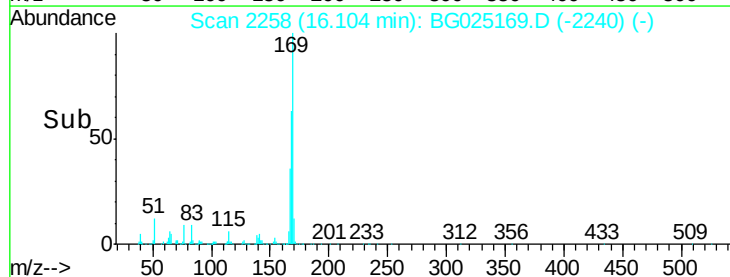
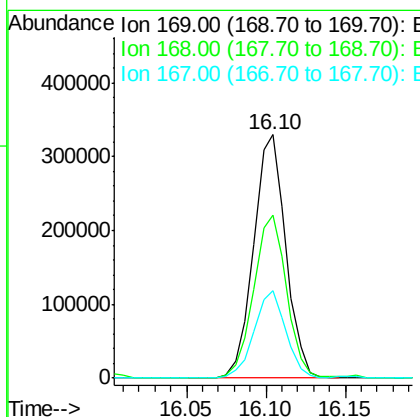
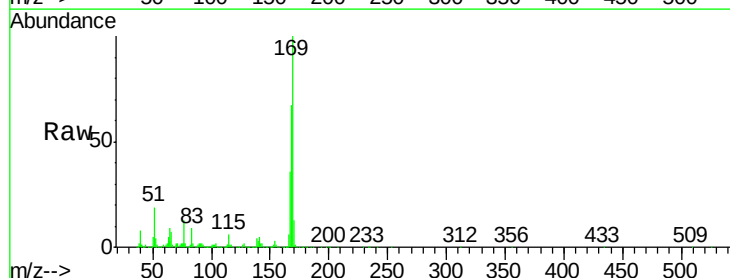
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02005

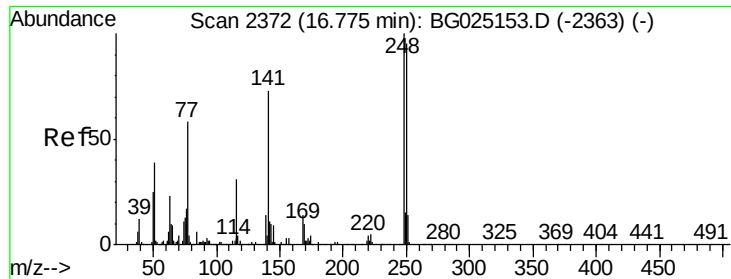
Tgt Ion:198 Resp: 103479
 Ion Ratio Lower Upper
 198 100
 182 3.2 5.8 6.4#
 77 27.0 22.1 33.9



#64
 N-Nitrosodiphenylamine
 Concen: 21.71 ng/ul
 RT: 16.10 min Scan# 2258
 Delta R.T. 0.00 min
 Lab File: BG025169.D
 Acq: 14 Dec 2016 9:33

Tgt Ion:169 Resp: 464908
 Ion Ratio Lower Upper
 169 100
 168 67.1 59.1 88.7
 167 35.8 29.7 44.5

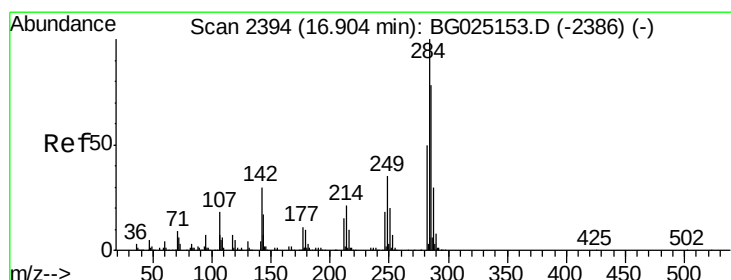
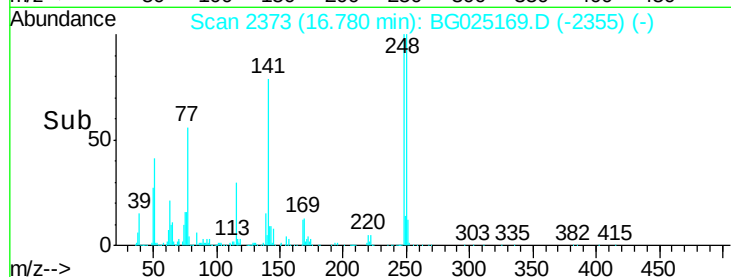
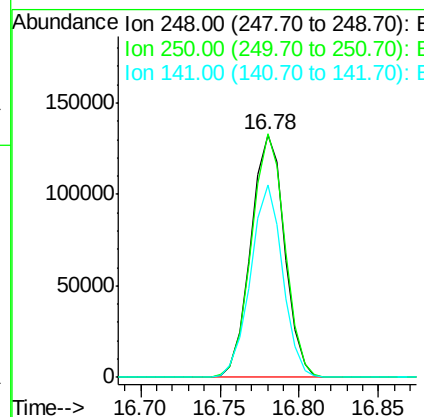
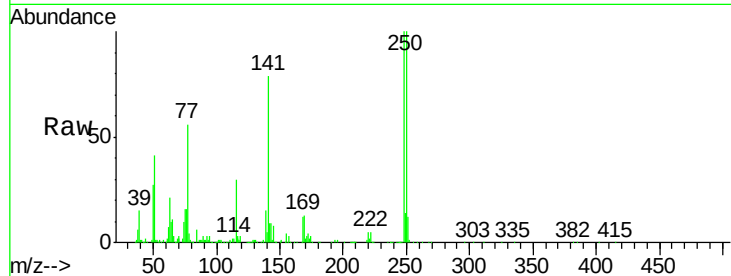




#65
4-Bromophenyl-phenylether
Concen: 20.76 ng/ul
RT: 16.78 min Scan# 2373
Delta R.T. 0.00 min
Lab File: BG025169.D
Acq: 14 Dec 2016 9:33

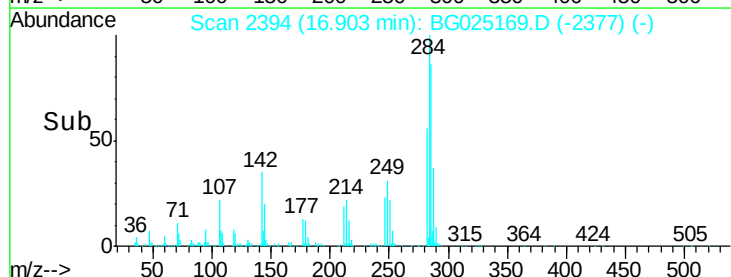
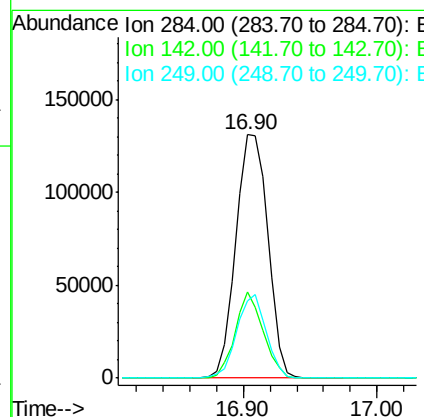
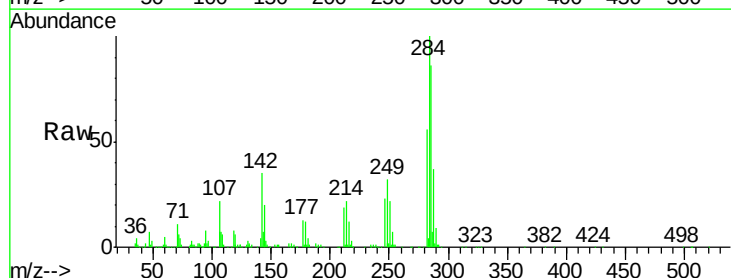
Instrument :
BNA_G
ClientSampleId :
SSTD02005

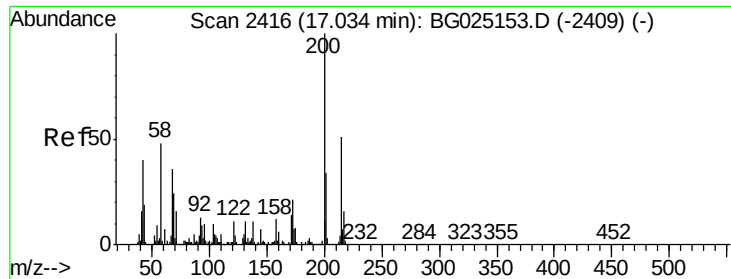
Tgt Ion	Ratio	Lower	Upper
248	100		
250	100.5	71.9	107.9
141	79.5	53.8	80.8



#66
Hexachlorobenzene
Concen: 20.68 ng/ul
RT: 16.90 min Scan# 2394
Delta R.T. -0.00 min
Lab File: BG025169.D
Acq: 14 Dec 2016 9:33

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.2	26.1	39.1
249	32.0	25.9	38.9

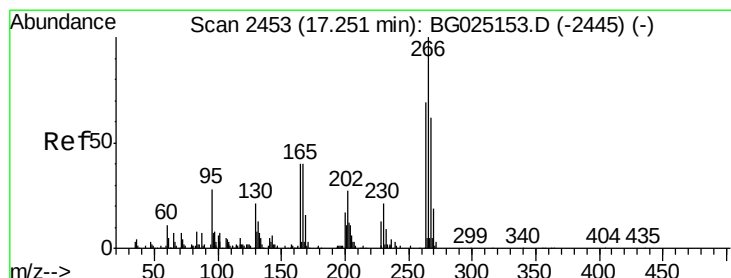
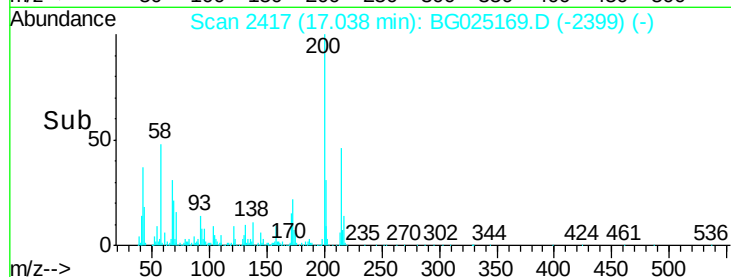
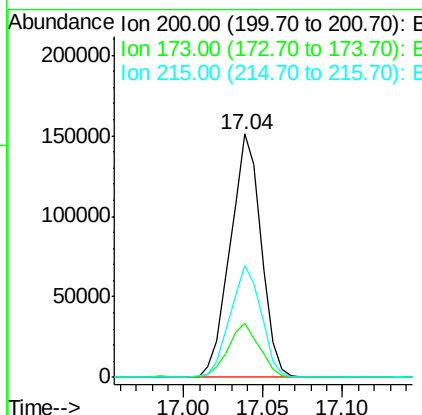
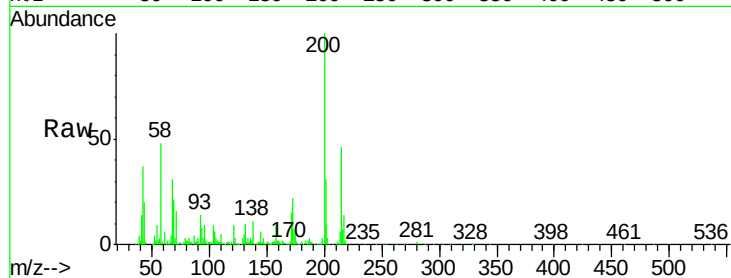




#67
Atrazine
Concen: 20.00 ng/ul
RT: 17.04 min Scan# 2417
Delta R.T. 0.00 min
Lab File: BG025169.D
Acq: 14 Dec 2016 9:33

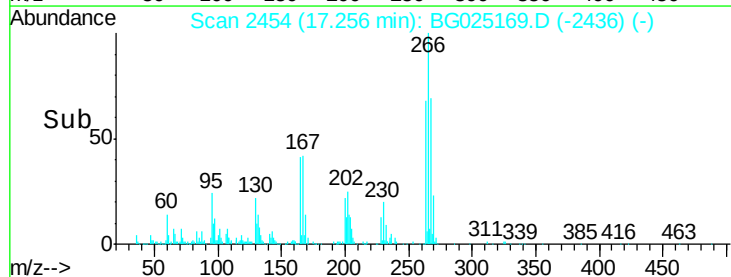
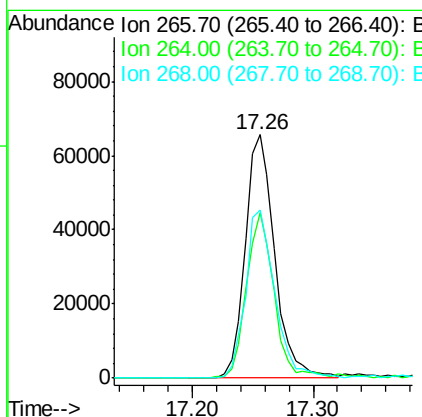
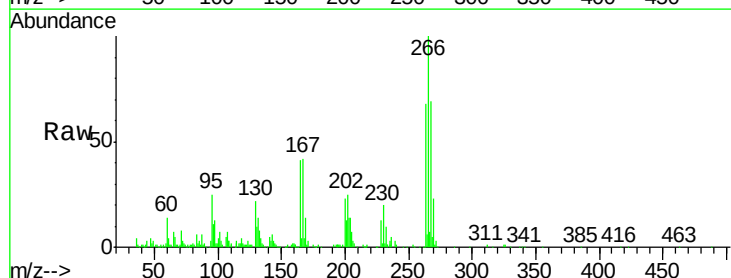
Instrument :
BNA_G
ClientSampleId :
SSTD02005

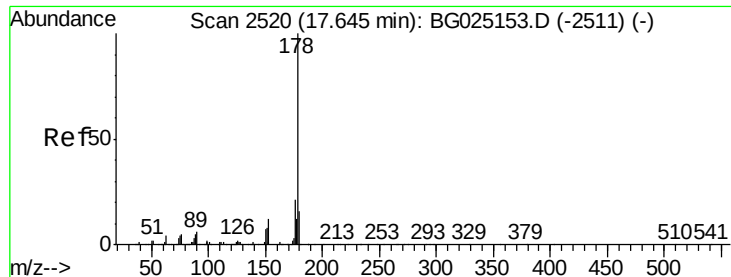
Tgt Ion	Ratio	Lower	Upper
200	100		
173	22.2	19.2	28.8
215	45.8	40.3	60.5



#68
Pentachlorophenol
Concen: 17.58 ng/ul
RT: 17.26 min Scan# 2454
Delta R.T. 0.00 min
Lab File: BG025169.D
Acq: 14 Dec 2016 9:33

Tgt Ion	Ratio	Lower	Upper
266	100		
264	68.1	47.1	70.7
268	68.8	56.2	84.4





#69

Phenanthrene

Concen: 20.84 ng/ul

RT: 17.65 min Scan# 2521

Delta R.T. 0.00 min

Lab File: BG025169.D

Acq: 14 Dec 2016 9:33

Instrument :

BNA_G

ClientSampleId :

SSTD02005

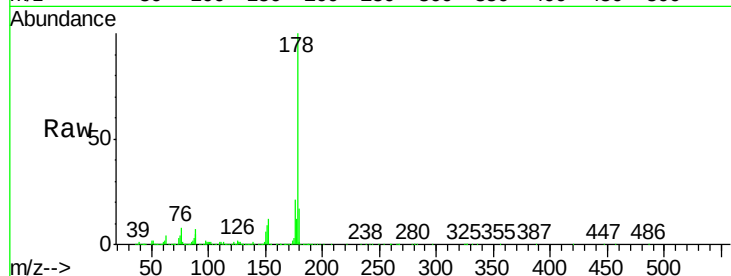
Tgt Ion:178 Resp: 827672

Ion Ratio Lower Upper

178 100

179 17.1 12.4 18.6

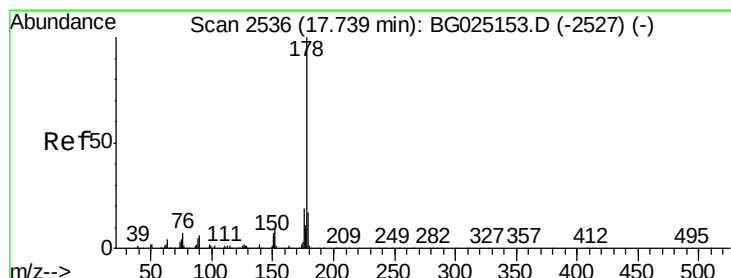
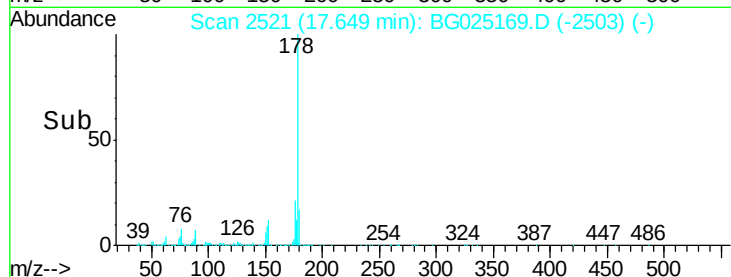
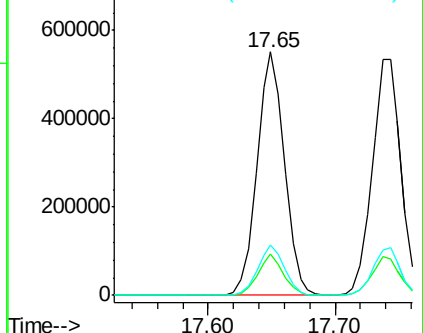
176 20.9 16.5 24.7



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: 20.37 ng/ul

RT: 17.74 min Scan# 2536

Delta R.T. -0.00 min

Lab File: BG025169.D

Acq: 14 Dec 2016 9:33

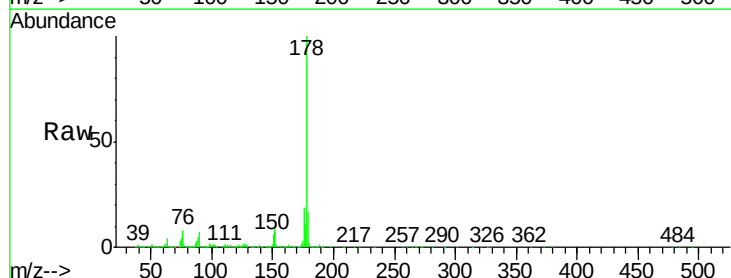
Tgt Ion:178 Resp: 831715

Ion Ratio Lower Upper

178 100

179 16.7 12.6 19.0

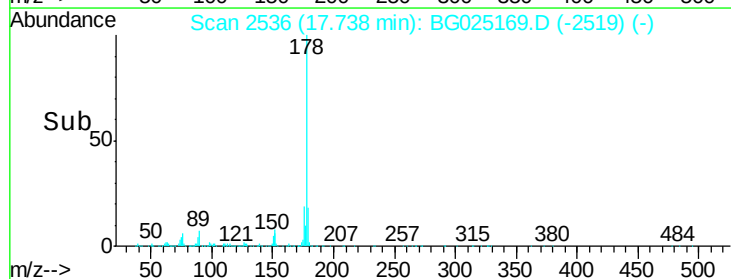
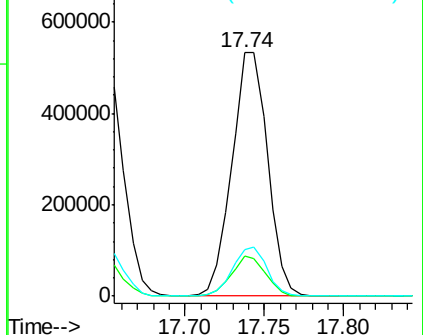
176 19.0 15.9 23.9

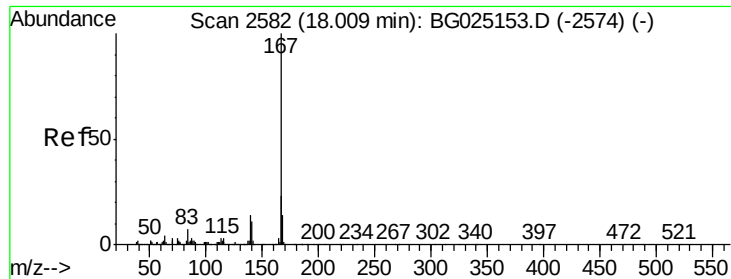


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 21.14 ng/ul

RT: 18.01 min Scan# 2583

Delta R.T. 0.00 min

Lab File: BG025169.D

Acq: 14 Dec 2016 9:33

Instrument :

BNA_G

ClientSampleId :

SSTD02005

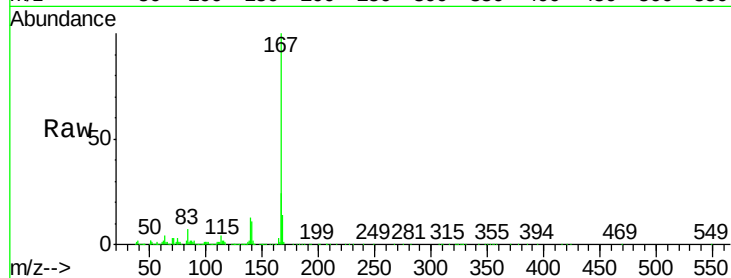
Tgt Ion:167 Resp: 720442

Ion Ratio Lower Upper

167 100

166 23.7 17.9 26.9

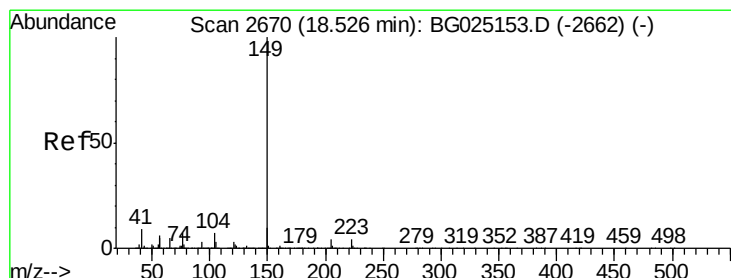
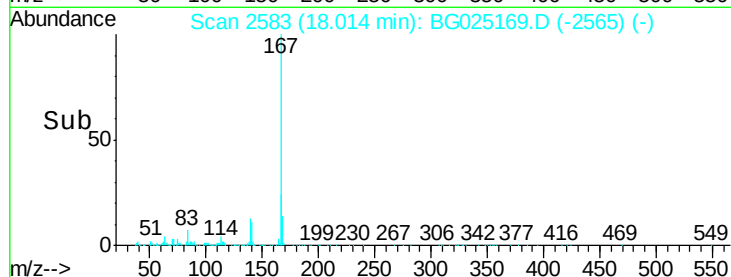
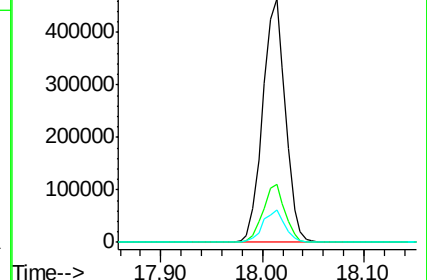
139 13.3 10.5 15.7



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: 19.71 ng/ul

RT: 18.52 min Scan# 2670

Delta R.T. -0.00 min

Lab File: BG025169.D

Acq: 14 Dec 2016 9:33

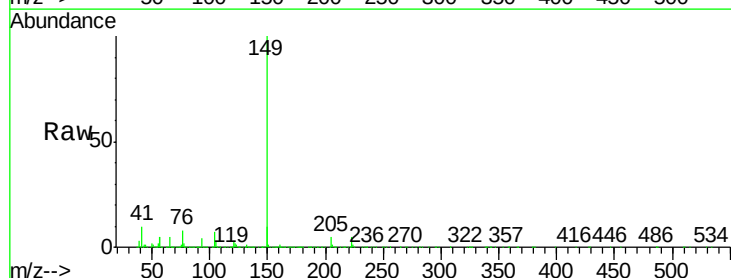
Tgt Ion:149 Resp: 847808

Ion Ratio Lower Upper

149 100

150 10.2 7.9 11.9

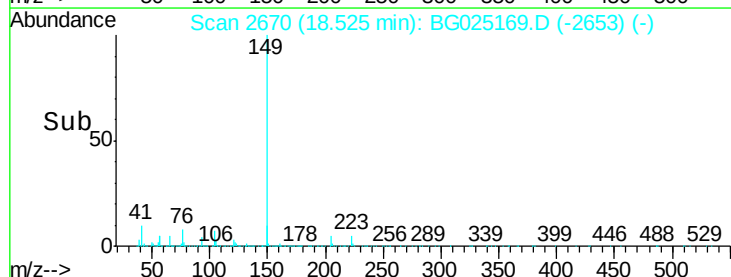
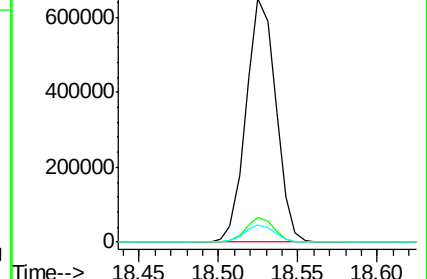
104 7.0 5.8 8.8

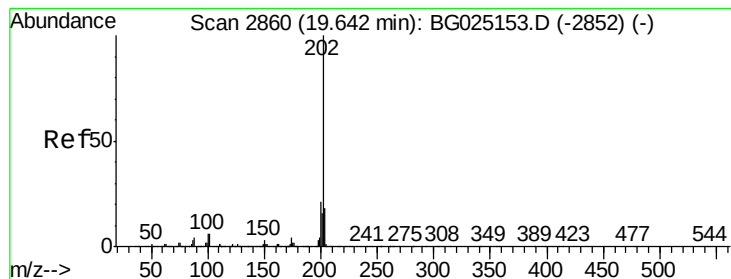


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 19.65 ng/ul

RT: 19.64 min Scan# 2860

Delta R.T. -0.00 min

Lab File: BG025169.D

Acq: 14 Dec 2016 9:33

Instrument :

BNA_G

ClientSampleId :

SSTD02005

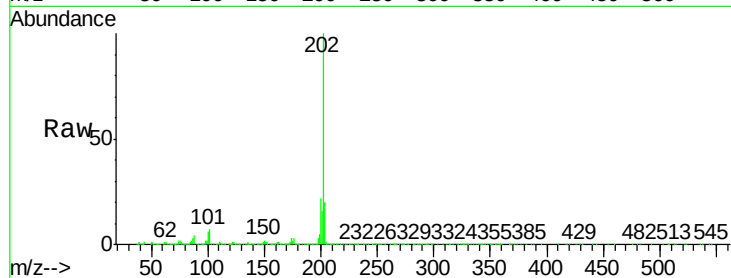
Tgt Ion:202 Resp: 927524

Ion Ratio Lower Upper

202 100

101 6.5 6.2 9.2

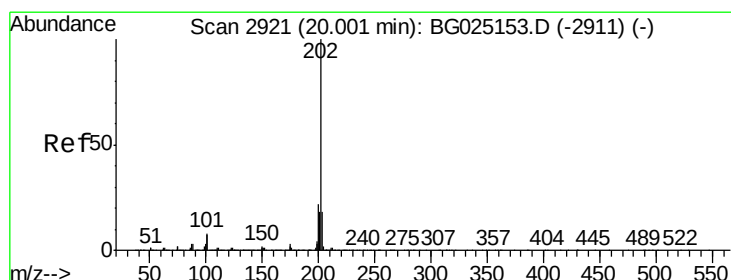
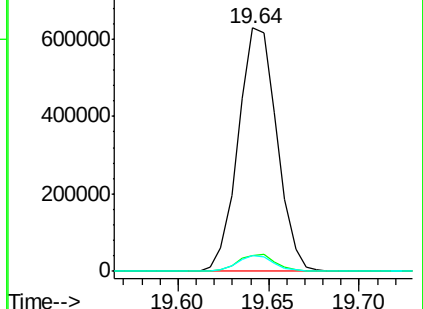
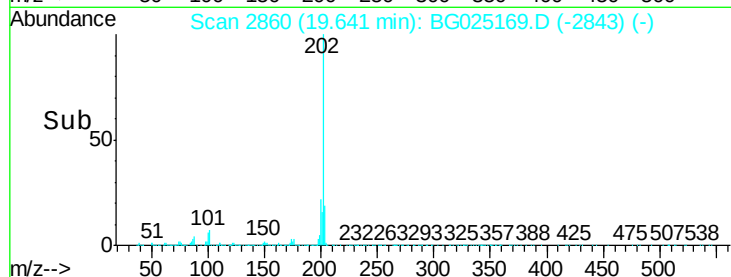
100 6.3 5.2 7.8



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: 20.65 ng/ul

RT: 20.01 min Scan# 2922

Delta R.T. 0.00 min

Lab File: BG025169.D

Acq: 14 Dec 2016 9:33

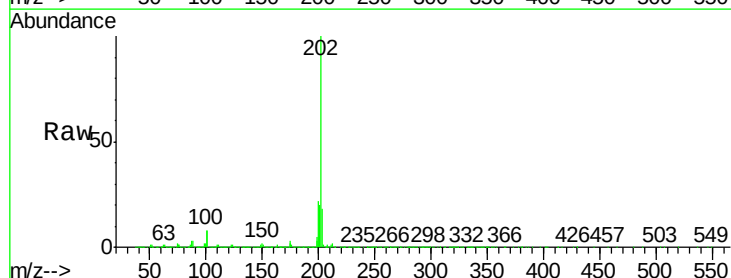
Tgt Ion:202 Resp: 915647

Ion Ratio Lower Upper

202 100

101 7.6 6.9 10.3

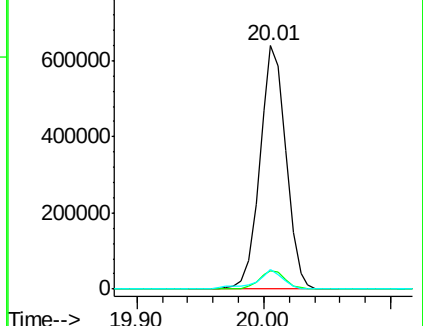
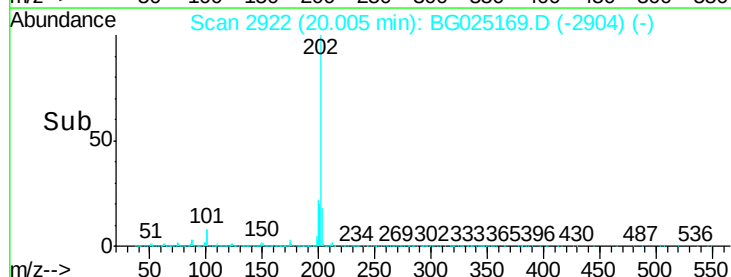
100 7.8 6.6 10.0

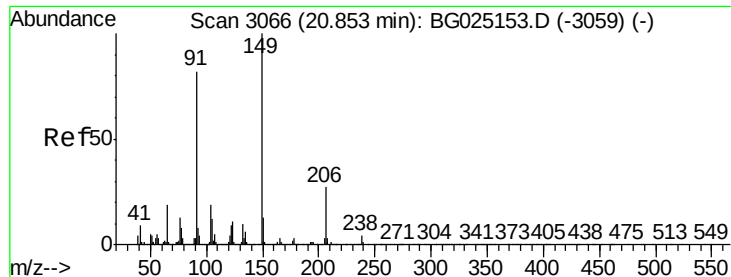


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

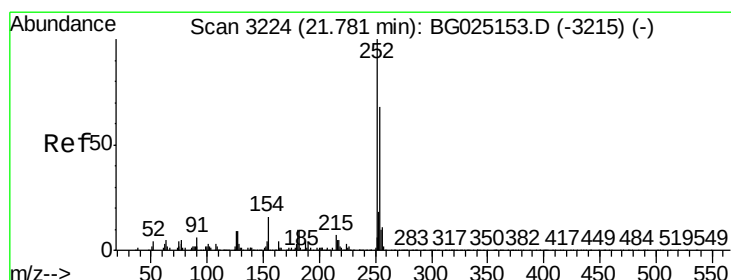
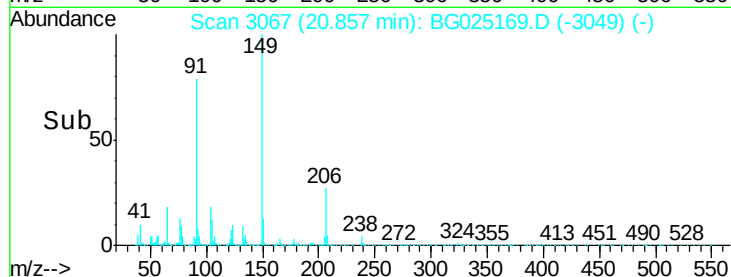
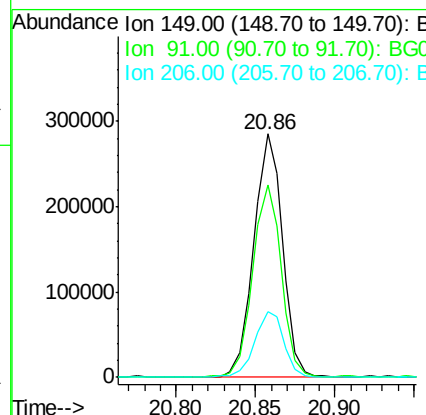
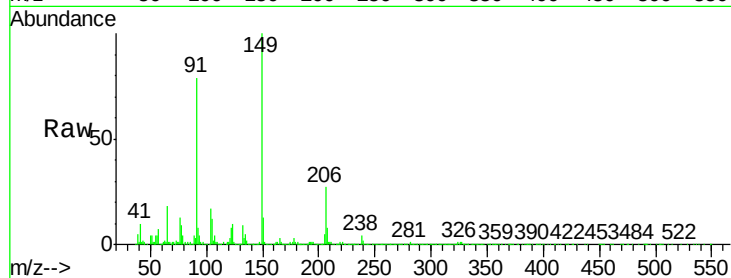




#78
Butylbenzylphthalate
Concen: 20.52 ng/ul
RT: 20.86 min Scan# 3067
Delta R.T. 0.00 min
Lab File: BG025169.D
Acq: 14 Dec 2016 9:33

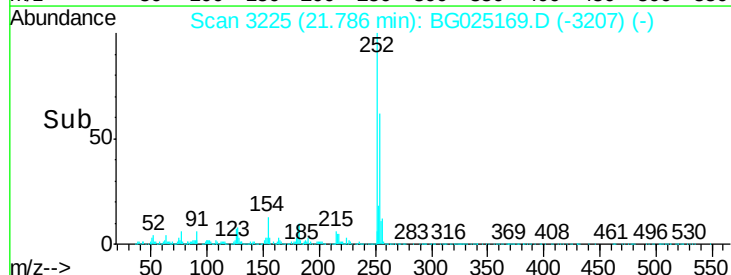
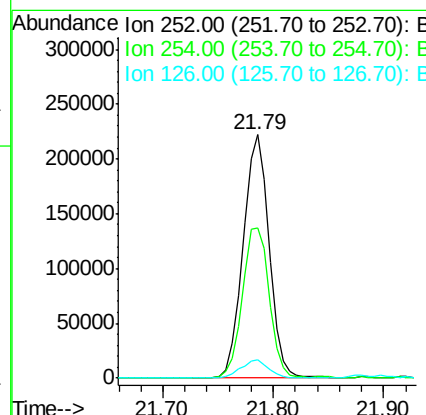
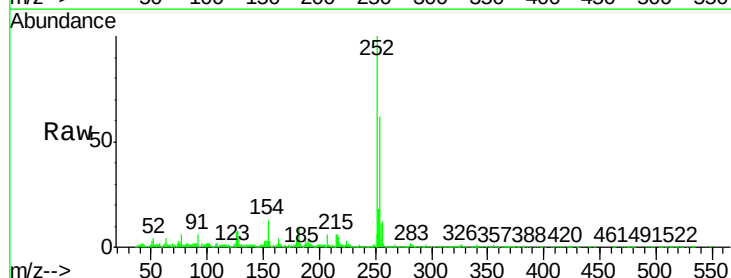
Instrument :
BNA_G
ClientSampleId :
SSTD02005

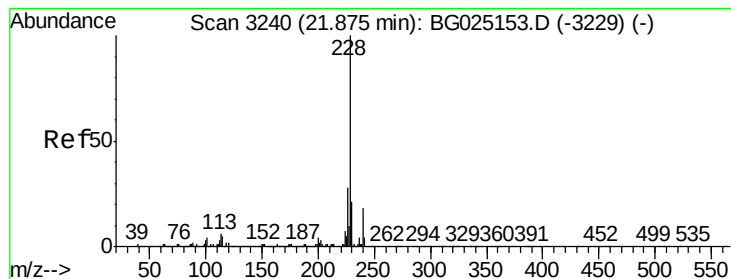
Tgt Ion	Ratio	Lower	Upper
149	100		
91	79.2	65.8	98.6
206	27.1	20.1	30.1



#79
3,3'-Dichlorobenzidine
Concen: 22.91 ng/ul
RT: 21.79 min Scan# 3225
Delta R.T. 0.00 min
Lab File: BG025169.D
Acq: 14 Dec 2016 9:33

Tgt Ion	Ratio	Lower	Upper
252	100		
254	61.9	49.0	73.6
126	7.4	5.1	7.7





#80

Benzo(a)anthracene

Concen: 20.02 ng/ul

RT: 21.88 min Scan# 3241

Delta R.T. 0.00 min

Lab File: BG025169.D

Acq: 14 Dec 2016 9:33

Instrument :

BNA_G

ClientSampleId :

SSTD02005

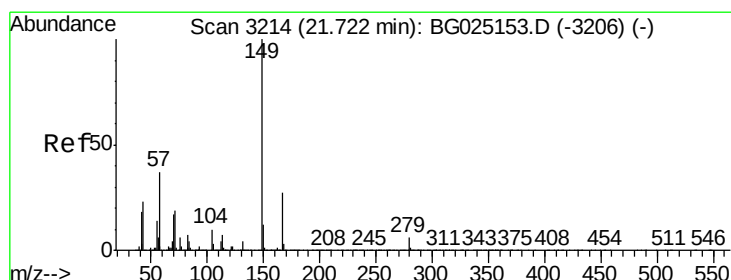
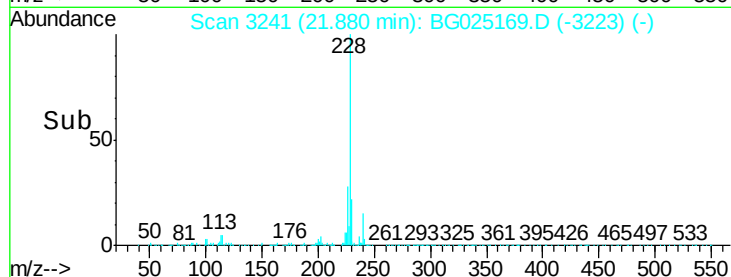
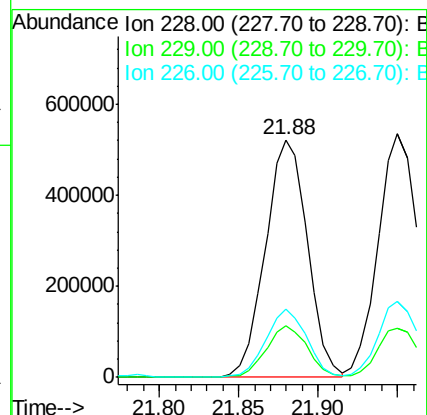
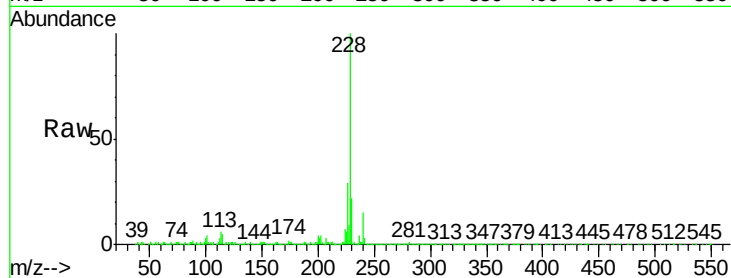
Tgt Ion:228 Resp: 959531

Ion Ratio Lower Upper

228 100

229 22.0 16.3 24.5

226 29.0 21.9 32.9



#81

Bis(2-ethylhexyl)phthalate

Concen: 21.31 ng/ul

RT: 21.73 min Scan# 3215

Delta R.T. 0.00 min

Lab File: BG025169.D

Acq: 14 Dec 2016 9:33

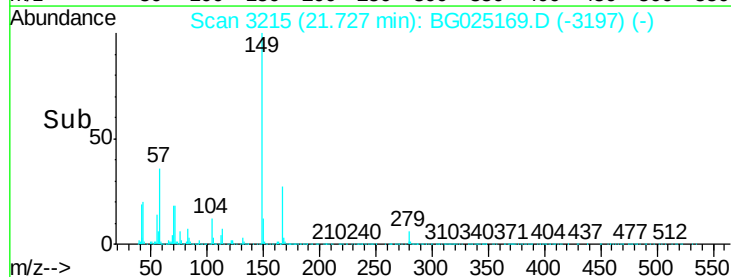
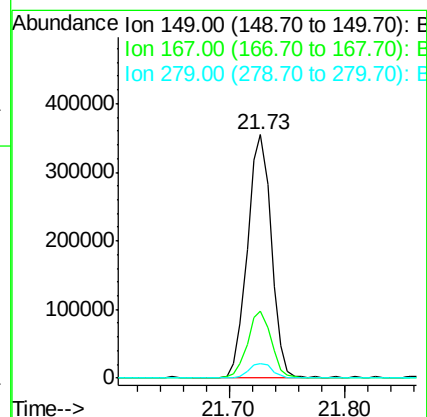
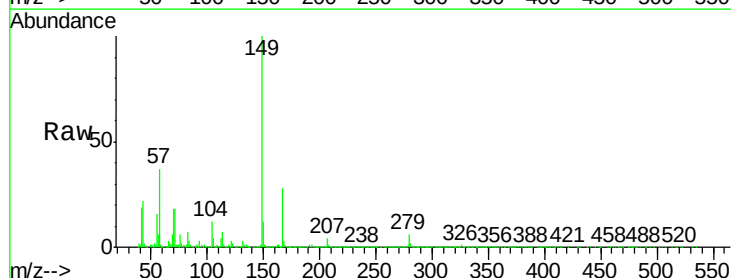
Tgt Ion:149 Resp: 509105

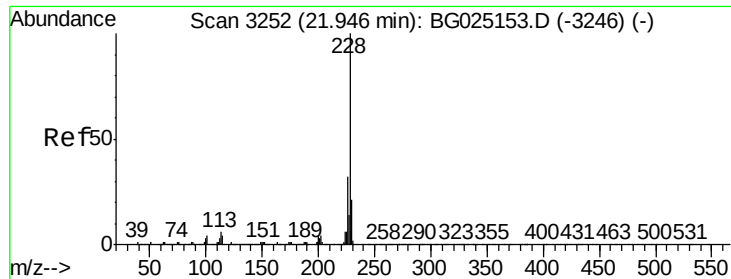
Ion Ratio Lower Upper

149 100

167 27.5 21.8 32.8

279 5.9 4.5 6.7





#82

Chrysene

Concen: 20.67 ng/ul

RT: 21.95 min Scan# 3253

Delta R.T. 0.00 min

Lab File: BG025169.D

Acq: 14 Dec 2016 9:33

Instrument :

BNA_G

ClientSampleId :

SSTD02005

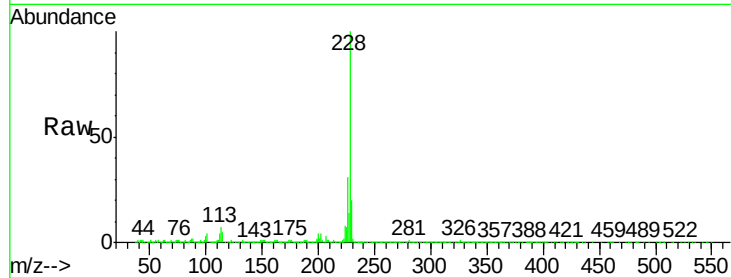
Tgt Ion:228 Resp: 926762

Ion Ratio Lower Upper

228 100

226 31.0 24.0 36.0

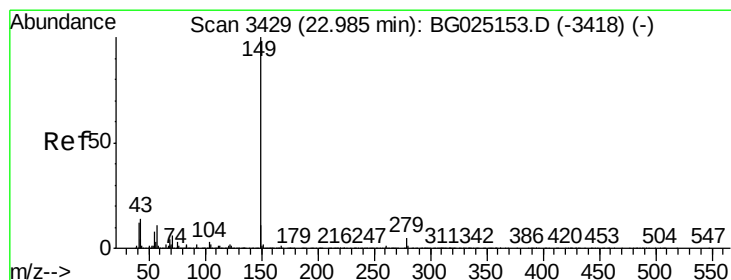
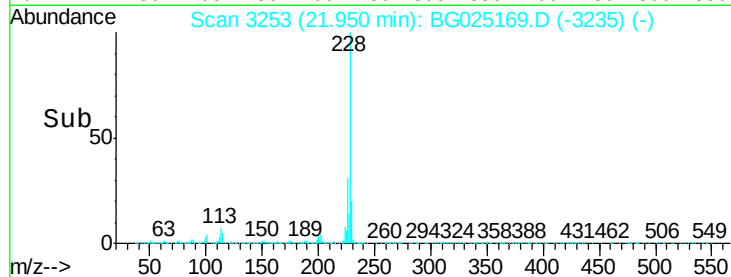
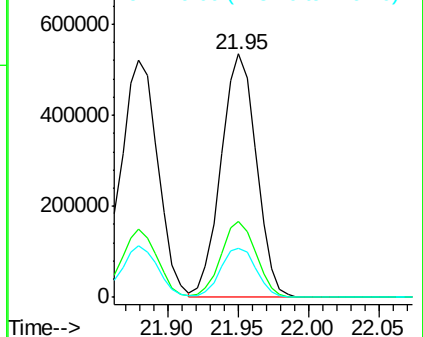
229 20.4 16.9 25.3



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: 24.17 ng/ul

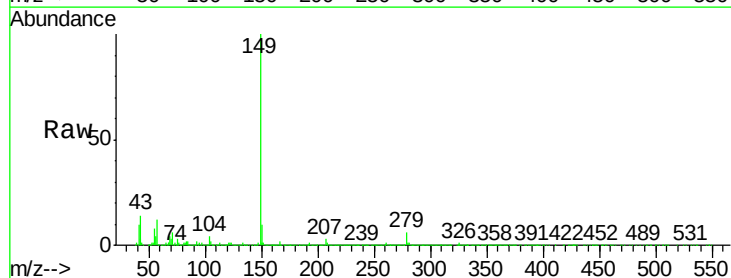
RT: 23.00 min Scan# 3431

Delta R.T. 0.01 min

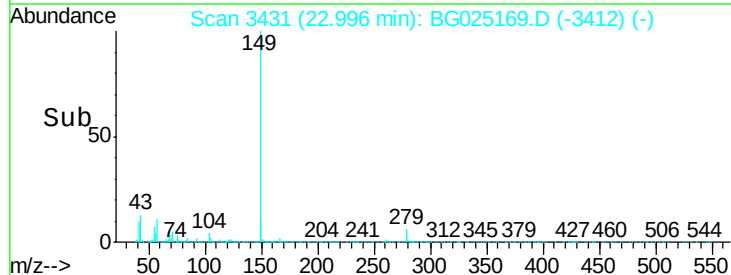
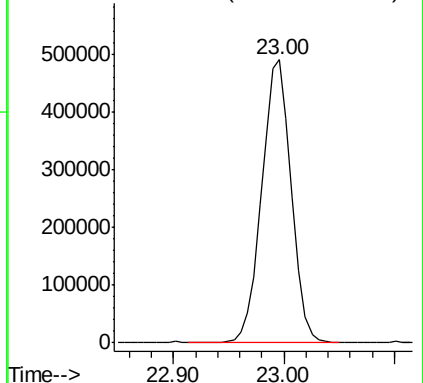
Lab File: BG025169.D

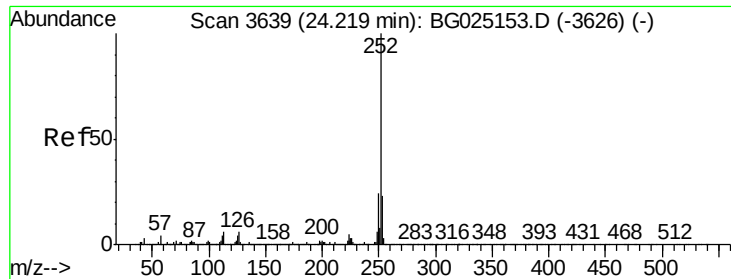
Acq: 14 Dec 2016 9:33

Tgt Ion:149 Resp: 908020



Abundance Ion 149.00 (148.70 to 149.70): E

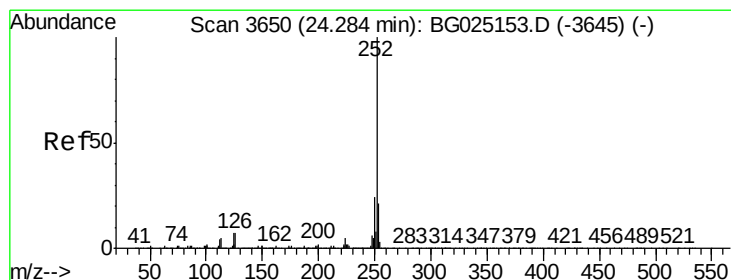
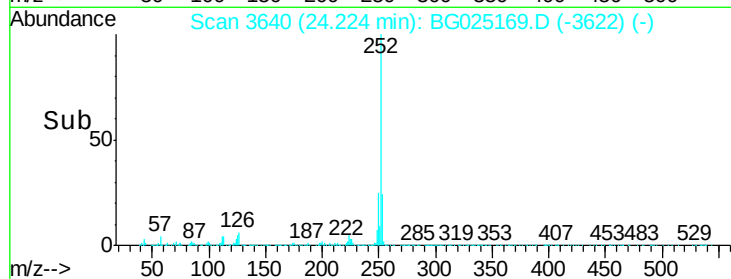
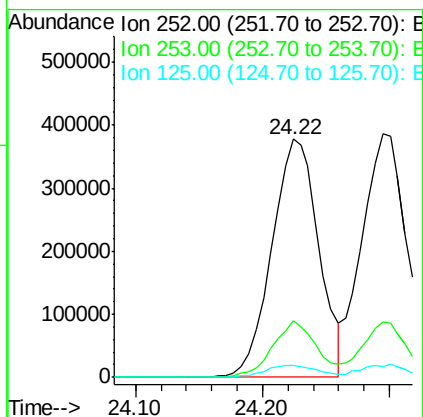
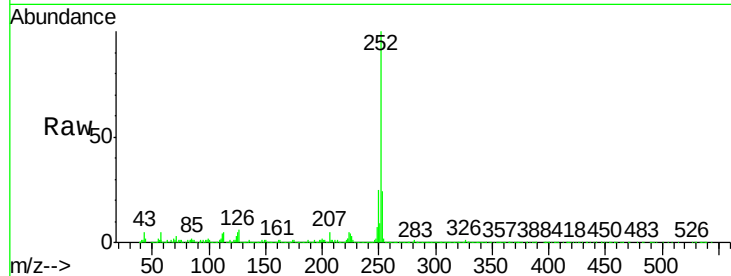




#85
Benzo(b)fluoranthene
Concen: 21.11 ng/ul
RT: 24.22 min Scan# 3640
Delta R.T. 0.00 min
Lab File: BG025169.D
Acq: 14 Dec 2016 9:33

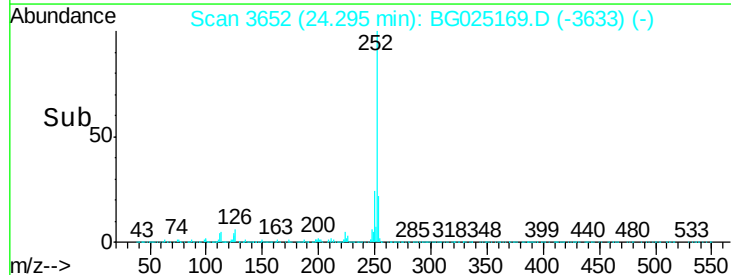
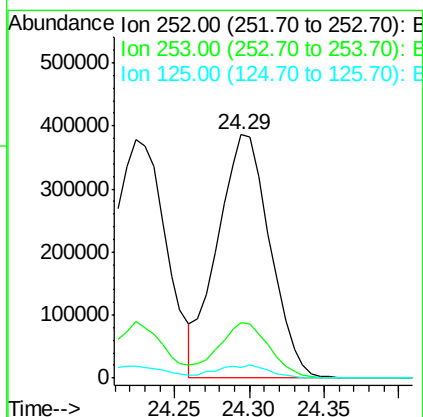
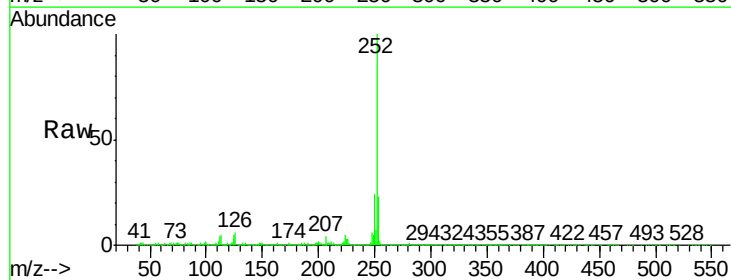
Instrument :
BNA_G
ClientSampleId :
SSTD02005

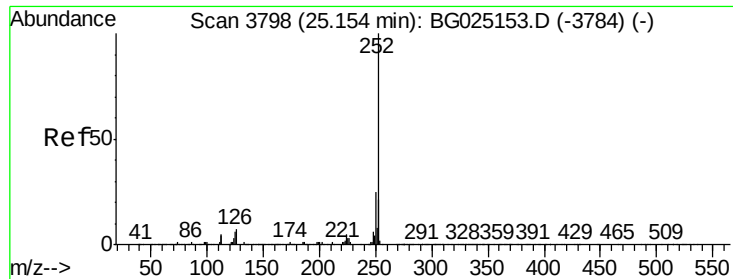
Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.7	26.5
125	4.9	4.0	6.0



#86
Benzo(k)fluoranthene
Concen: 21.56 ng/ul
RT: 24.29 min Scan# 3652
Delta R.T. 0.01 min
Lab File: BG025169.D
Acq: 14 Dec 2016 9:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.5	27.7
125	4.5	4.1	6.1





#88

Benzo(a)pyrene

Concen: 20.56 ng/ul

RT: 25.16 min Scan# 3800

Delta R.T. 0.01 min

Lab File: BG025169.D

Acq: 14 Dec 2016 9:33

Instrument :

BNA_G

ClientSampleId :

SSTD02005

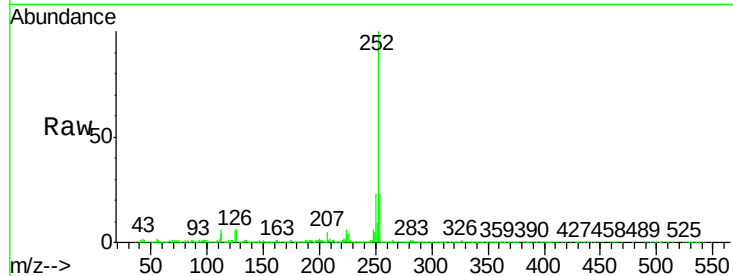
Tgt Ion:252 Resp: 907038

Ion Ratio Lower Upper

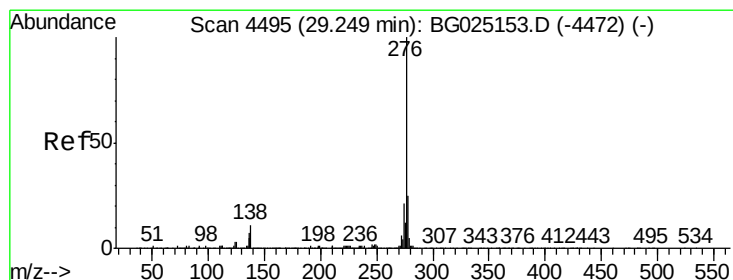
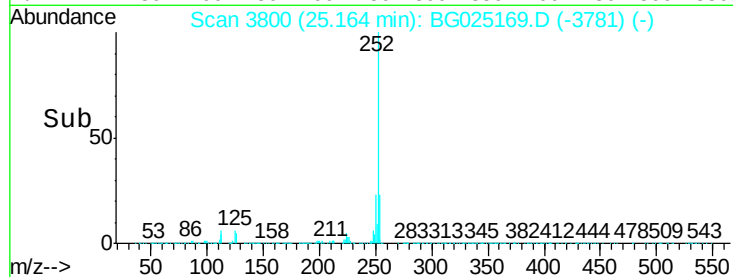
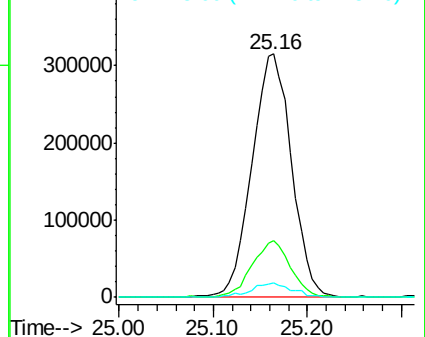
252 100

253 23.2 17.8 26.6

125 6.1 5.4 8.0



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: 18.14 ng/ul

RT: 29.27 min Scan# 4498

Delta R.T. 0.02 min

Lab File: BG025169.D

Acq: 14 Dec 2016 9:33

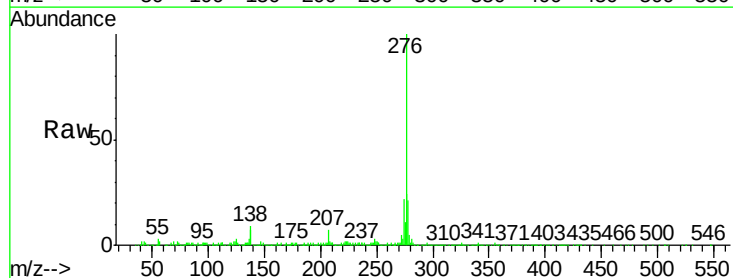
Tgt Ion:276 Resp: 994734

Ion Ratio Lower Upper

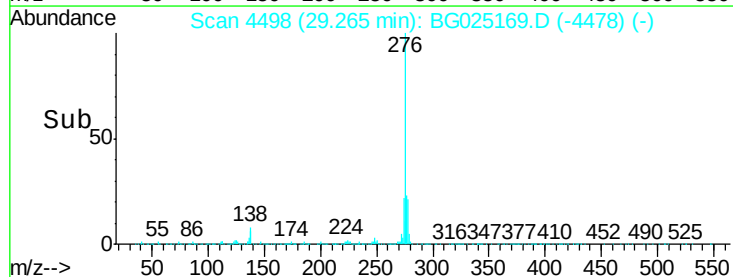
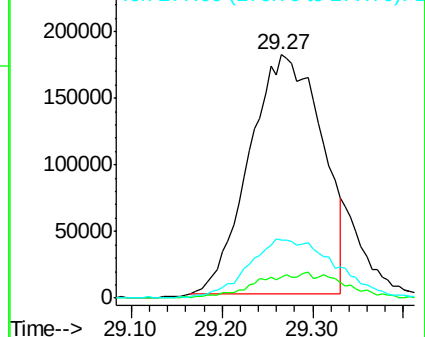
276 100

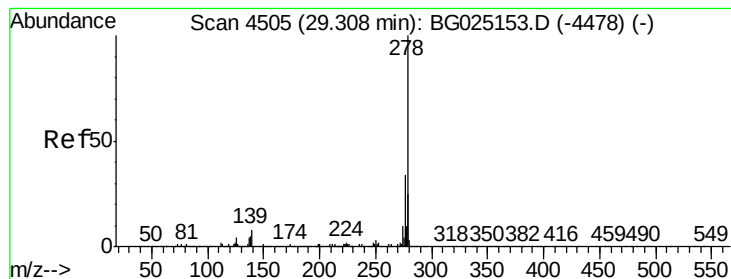
138 8.7 8.2 12.4

277 23.7 18.6 28.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 19.74 ng/ul

RT: 29.32 min Scan# 4507

Delta R.T. 0.01 min

Lab File: BG025169.D

Acq: 14 Dec 2016 9:33

Instrument :

BNA_G

ClientSampleId :

SSTD02005

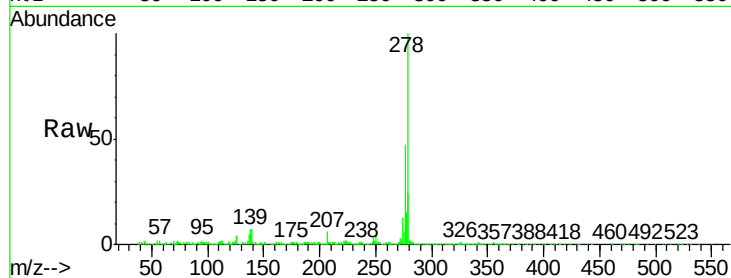
Tgt Ion: 278 Resp: 912232

Ion Ratio Lower Upper

278 100

139 7.1 6.7 10.1

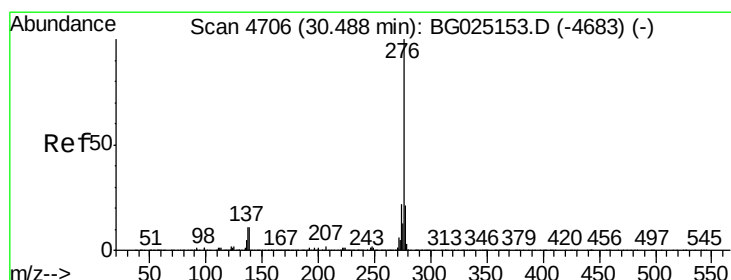
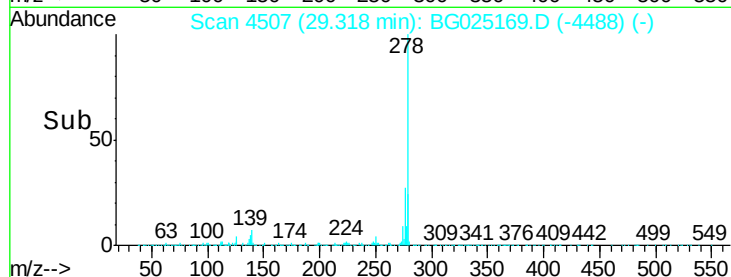
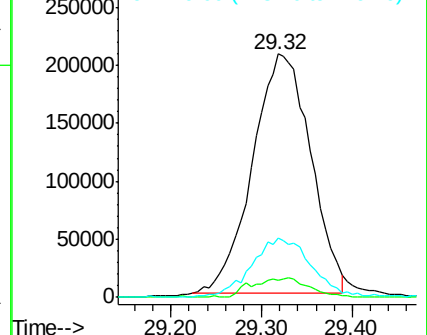
279 24.3 20.9 31.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 17.84 ng/ul

RT: 30.50 min Scan# 4709

Delta R.T. 0.02 min

Lab File: BG025169.D

Acq: 14 Dec 2016 9:33

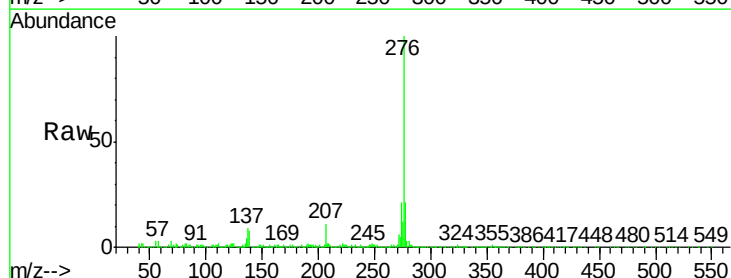
Tgt Ion: 276 Resp: 816258

Ion Ratio Lower Upper

276 100

138 8.3 8.6 12.8#

277 20.5 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

