

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082915\
 Data File : BG018550.D
 Acq On : 29 Aug 2015 23:50
 Operator : UM/MA
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02019

Quant Time: Aug 31 03:40:41 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 31 03:36:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	173407	20.00	ng/ul	0.00
18) Naphthalene-d8	10.82	136	827387	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	545420	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.39	188	1217365	20.00	ng/ul	0.00
78) Chrysene-d12	21.64	240	1185410	20.00	ng/ul	-0.02
86) Perylene-d12	24.85	264	1219787	20.00	ng/ul	-0.05

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.44	96	22335	5.69	ng/uL	0.00
5) Phenol-d5	7.17	99	326637	20.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	183245	18.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	236031	19.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	278592	21.07	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	134934	20.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	141893	21.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	313944	22.52	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	386543	24.53	ng/ul	0.00
44) Dimethylphthalate-d6	14.04	166	867953	18.91	ng/ul	0.00
47) Acenaphthylene-d8	14.34	160	1126720	19.50	ng/ul	0.00
52) 4-Nitrophenol-d4	14.84	143	168855	20.46	ng/ul	0.00
58) Fluorene-d10	15.63	176	792776	19.83	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.75	200	128422	21.45	ng/ul	0.00
71) Anthracene-d10	17.48	188	1164440	20.00	ng/ul	-0.01
79) Pyrene-d10	19.76	212	1199742	19.51	ng/ul	-0.01
90) Benzo(a)pyrene-d12	24.62	264	1296018	20.01	ng/ul	-0.06

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.48	88	25993	6.19	ng/uL#	70
4) Benzaldehyde	7.15	77	211077	22.86	ng/ul	96
6) Phenol	7.20	94	343590	21.40	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.43	93	238193	19.29	ng/ul	98
10) 2-Chlorophenol	7.58	128	247753	20.17	ng/ul	93
11) 2-Methylphenol	8.45	108	269663	21.66	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.55	45	319945	16.14	ng/ul#	92
14) Acetophenone	8.83	105	409007	21.41	ng/ul#	93
15) N-Nitroso-di-n-propylamine	8.82	70	206333	18.82	ng/ul	93
16) 4-Methylphenol	8.78	108	297519	21.90	ng/ul	98
17) Hexachloroethane	9.10	117	95829	18.10	ng/ul	94
20) Nitrobenzene	9.22	77	313377	19.25	ng/ul	91
21) Isophorone	9.74	82	595742	19.03	ng/ul	98
23) 2-Nitrophenol	9.92	139	154214	21.14	ng/ul#	87
24) 2,4-Dimethylphenol	9.99	107	317985	19.46	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.22	93	377654	19.35	ng/ul	98
27) 2,4-Dichlorophenol	10.46	162	286707	21.95	ng/ul	97
28) Naphthalene	10.87	128	896108	20.49	ng/ul	99
30) 4-Chloroaniline	10.97	127	377256	23.54	ng/ul	96
31) Hexachlorobutadiene	11.16	225	161304	19.56	ng/ul	95
32) Caprolactam	11.73	113	91224	17.34	ng/ul	94
33) 4-Chloro-3-methylphenol	12.10	107	316518	20.92	ng/ul	98
34) 2-Methylnaphthalene	12.47	142	675032	21.32	ng/ul	92

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082915\
 Data File : BG018550.D
 Acq On : 29 Aug 2015 23:50
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 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02019

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 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 31 03:36:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.69	142	653153	21.12	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.84	216	356459	20.38	ng/ul	97
38) Hexachlorocyclopentadiene	12.82	237	126822	12.18	ng/ul	94
39) 2,4,6-Trichlorophenol	13.08	196	251540	21.11	ng/ul	98
40) 2,4,5-Trichlorophenol	13.15	196	266654	20.82	ng/ul	96
41) 1,1'-Biphenyl	13.48	154	886400	19.47	ng/ul	98
42) 2-Chloronaphthalene	13.52	162	688289	19.47	ng/ul	97
43) 2-Nitroaniline	13.72	65	216023	18.92	ng/ul	85
45) Dimethylphthalate	14.09	163	845673	18.68	ng/ul	98
46) 2,6-Dinitrotoluene	14.21	165	191135	21.20	ng/ul#	87
48) Acenaphthylene	14.37	152	1160064	20.02	ng/ul	97
49) 3-Nitroaniline	14.54	138	222083	24.15	ng/ul	87
50) Acenaphthene	14.71	153	808593	19.89	ng/ul	99
51) 2,4-Dinitrophenol	14.74	184	91627	20.84	ng/ul	88
53) 4-Nitrophenol	14.85	109	122802	17.11	ng/ul	91
54) Dibenzofuran	15.04	168	1067102	20.09	ng/ul	97
55) 2,4-Dinitrotoluene	14.99	165	270388	21.02	ng/ul	91
56) 2,3,4,6-Tetrachlorophenol	15.26	232	239029	21.42	ng/ul#	94
57) Diethylphthalate	15.45	149	857194	17.82	ng/ul	95
59) Fluorene	15.69	166	897279	19.63	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.68	204	429347	19.85	ng/ul	96
61) 4-Nitroaniline	15.70	138	221391	21.80	ng/ul	88
64) 4,6-Dinitro-2-methylphenol	15.76	198	139564	21.85	ng/ul	92
65) N-Nitrosodiphenylamine	15.89	169	761850	20.80	ng/ul	96
66) 4-Bromophenyl-phenylether	16.57	248	283530	21.54	ng/ul	96
67) Hexachlorobenzene	16.69	284	295640	21.23	ng/ul	92
68) Atrazine	16.84	200	301864	22.02	ng/ul	96
69) Pentachlorophenol	17.03	266	184960	19.84	ng/ul	97
70) Phenanthrene	17.43	178	1326754	20.09	ng/ul	98
72) Anthracene	17.51	178	1356433	20.15	ng/ul	96
73) 1,2,3,4-Tetrachlorobenzene	13.44	216	371260	22.04	ng/uL	99
74) Pentachlorobenzene	14.96	250	354969	22.07	ng/uL	95
75) Carbazole	17.78	167	1276893	21.64	ng/ul	98
76) Di-n-butylphthalate	18.34	149	1449246	18.80	ng/ul	97
77) Fluoranthene	19.43	202	1493185	21.17	ng/ul	97
80) Pyrene	19.79	202	1514746	18.90	ng/ul	98
81) Butylbenzylphthalate	20.68	149	665183	19.62	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.53	252	504653	20.50	ng/ul	99
83) Benzo(a)anthracene	21.62	228	1466721	19.96	ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.53	149	961966	20.08	ng/ul	96
85) Chrysene	21.69	228	1362466	19.83	ng/ul	99
87) Di-n-octyl phthalate	22.73	149	1591400	20.22	ng/ul	100
88) Benzo(b)fluoranthene	23.82	252	1476729	19.27	ng/ul	99
89) Benzo(k)fluoranthene	23.89	252	1470548	19.93	ng/ul	98
91) Benzo(a)pyrene	24.69	252	1451045	19.91	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.48	276	1687683	20.02	ng/ul	97
93) Dibenzo(a,h)anthracene	28.55	278	1379205	19.69	ng/ul	97
94) Benzo(g,h,i)perylene	29.62	276	1390802	19.64	ng/ul	98

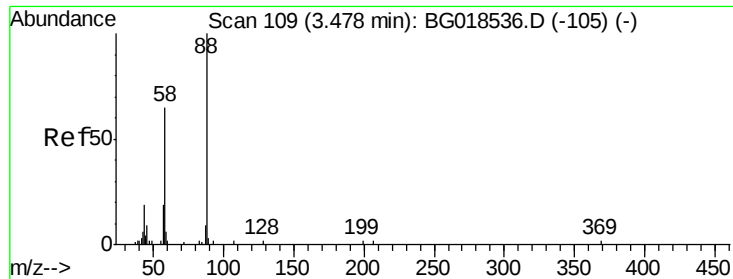
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082915\
Data File : BG018550.D
Acq On : 29 Aug 2015 23:50
Operator : UM/MA
Sample : SSTDCCC020
Misc :
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BNA_G
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#2

1,4-Dioxane

Concen: 6.19 ng/uL

RT: 3.48 min Scan# 110

Delta R.T. 0.01 min

Lab File: BG018550.D

Acq: 29 Aug 2015 23:50

Instrument :

BNA_G

ClientSampleId :

SSTD02019

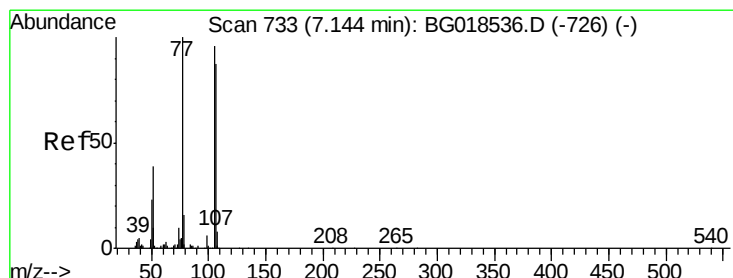
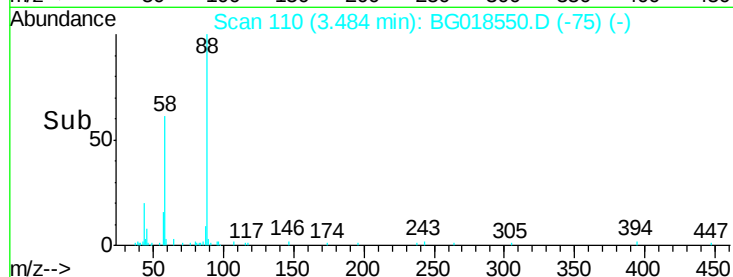
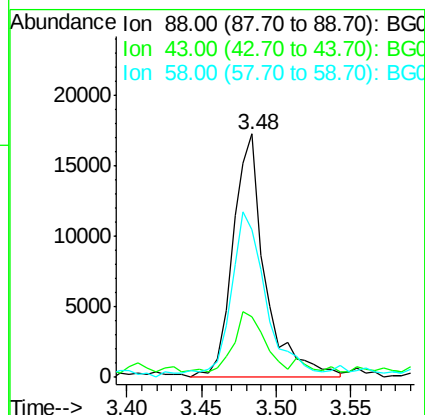
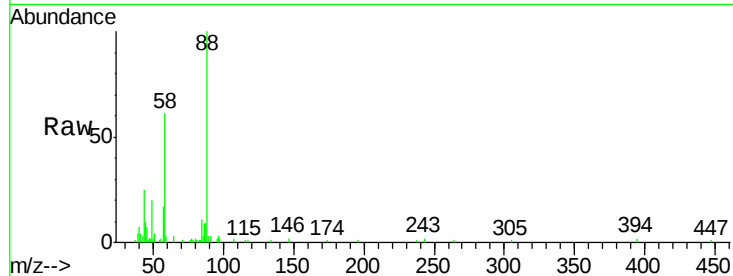
Tgt Ion: 88 Resp: 25993

Ion Ratio Lower Upper

88 100

43 25.0 33.0 49.4#

58 60.7 73.4 110.0#



#4

Benzaldehyde

Concen: 22.86 ng/uL

RT: 7.15 min Scan# 734

Delta R.T. 0.01 min

Lab File: BG018550.D

Acq: 29 Aug 2015 23:50

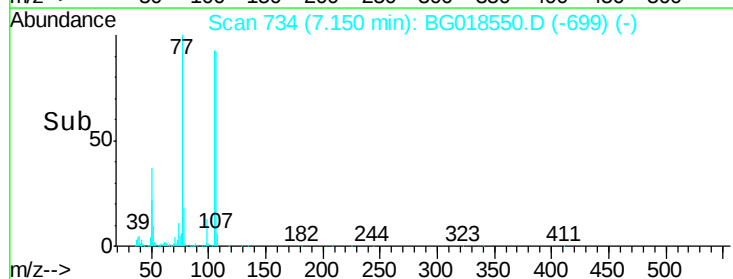
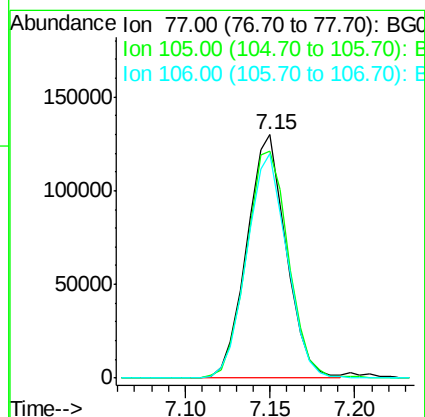
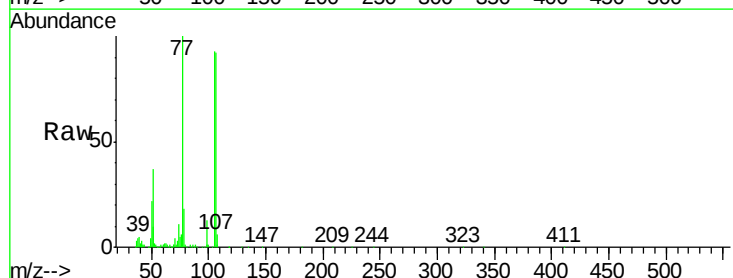
Tgt Ion: 77 Resp: 211077

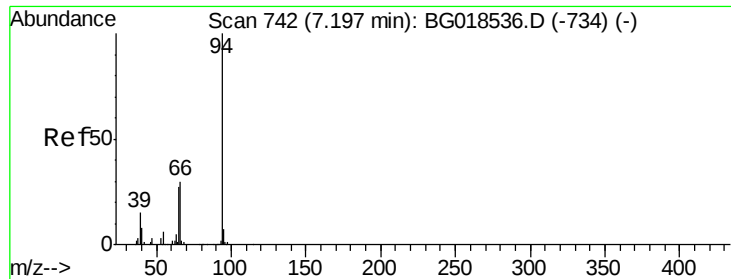
Ion Ratio Lower Upper

77 100

105 93.0 78.2 117.2

106 92.1 76.8 115.2





#6

Phenol

Concen: 21.40 ng/ul

RT: 7.20 min Scan# 743

Delta R.T. 0.01 min

Lab File: BG018550.D

Acq: 29 Aug 2015 23:50

Instrument :

BNA_G

ClientSampleId :

SSTD02019

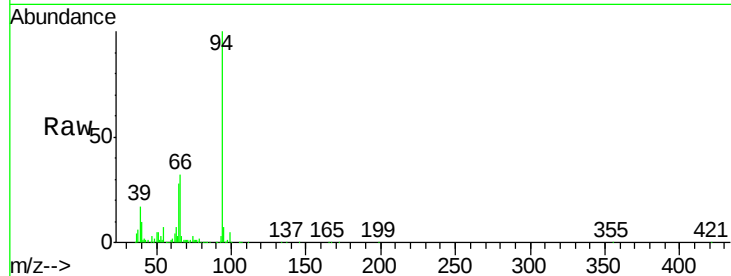
Tgt Ion: 94 Resp: 343590

Ion Ratio Lower Upper

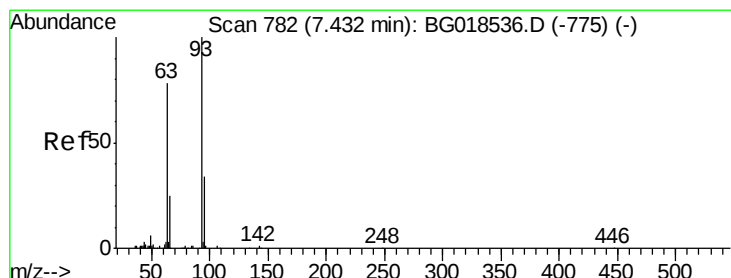
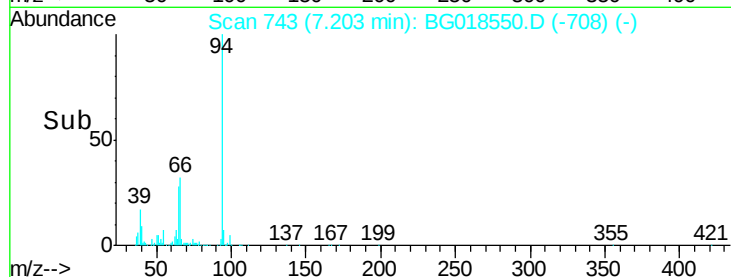
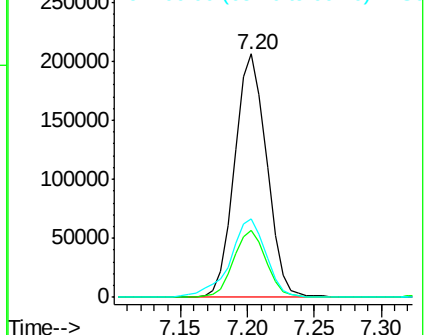
94 100

65 27.5 23.0 34.6

66 32.5 31.0 46.4



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: 19.29 ng/ul

RT: 7.43 min Scan# 782

Delta R.T. 0.00 min

Lab File: BG018550.D

Acq: 29 Aug 2015 23:50

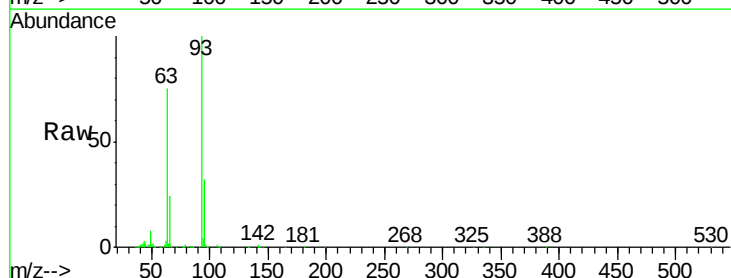
Tgt Ion: 93 Resp: 238193

Ion Ratio Lower Upper

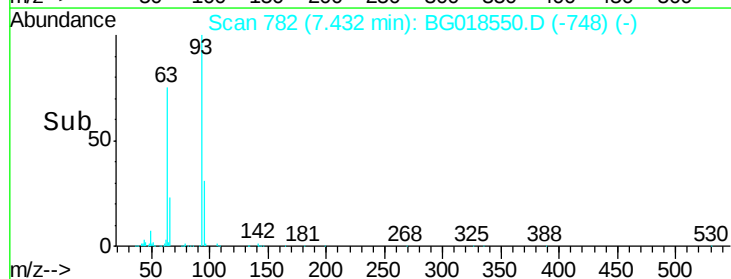
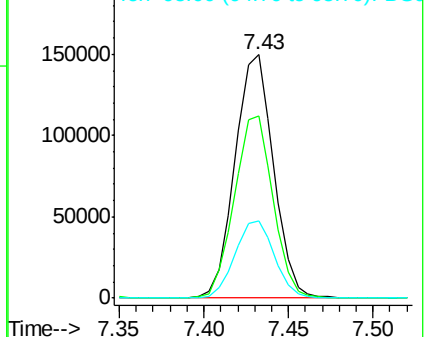
93 100

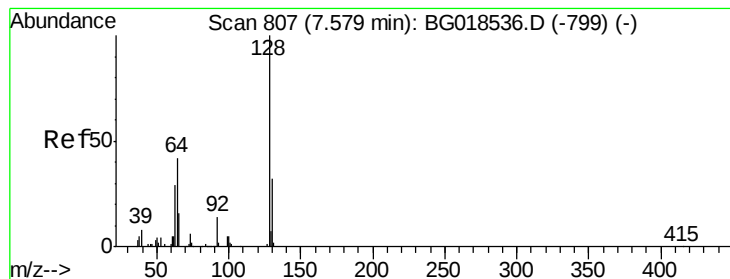
63 75.1 61.4 92.2

95 31.7 25.9 38.9



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: 20.17 ng/ul

RT: 7.58 min Scan# 807

Delta R.T. 0.00 min

Lab File: BG018550.D

Acq: 29 Aug 2015 23:50

Instrument :

BNA_G

ClientSampleId :

SSTD02019

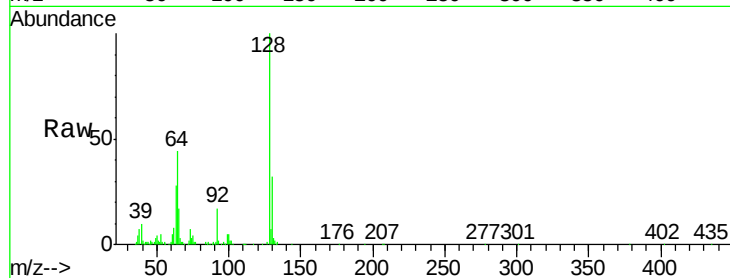
Tgt Ion:128 Resp: 247753

Ion Ratio Lower Upper

128 100

64 44.5 40.9 61.3

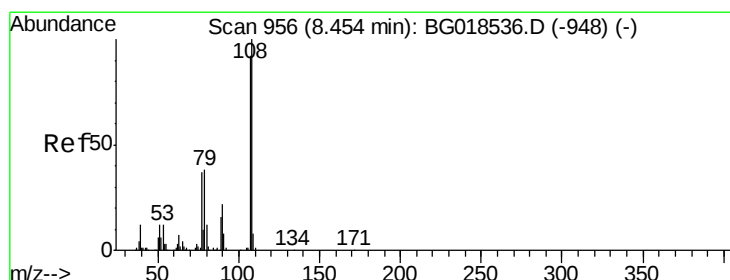
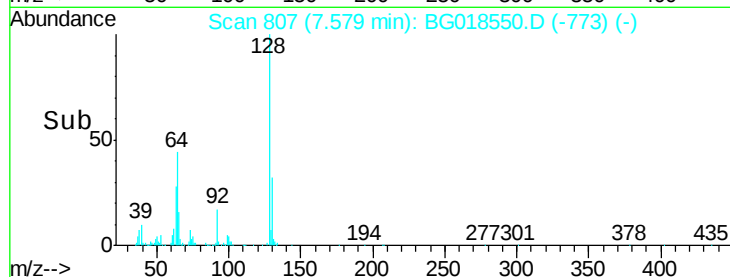
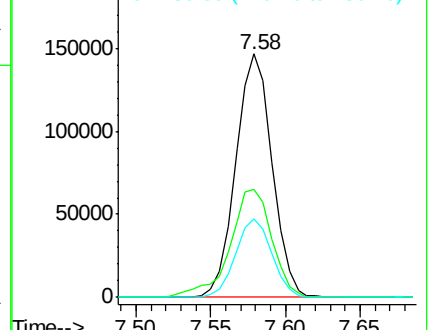
130 32.1 24.5 36.7



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: 21.66 ng/ul

RT: 8.45 min Scan# 956

Delta R.T. 0.00 min

Lab File: BG018550.D

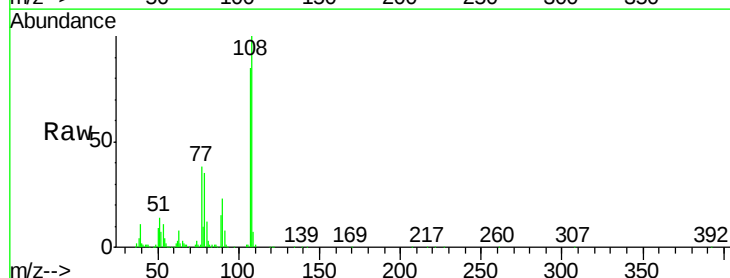
Acq: 29 Aug 2015 23:50

Tgt Ion:108 Resp: 269663

Ion Ratio Lower Upper

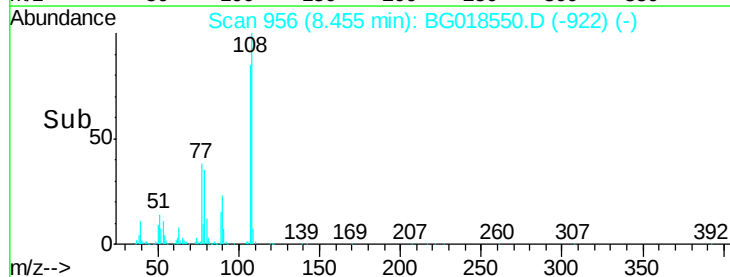
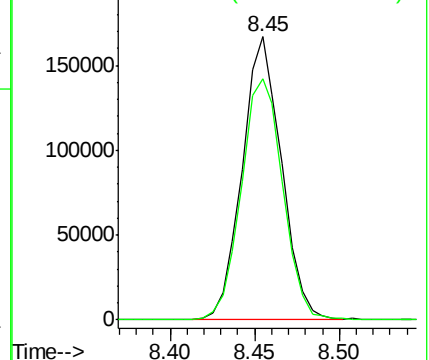
108 100

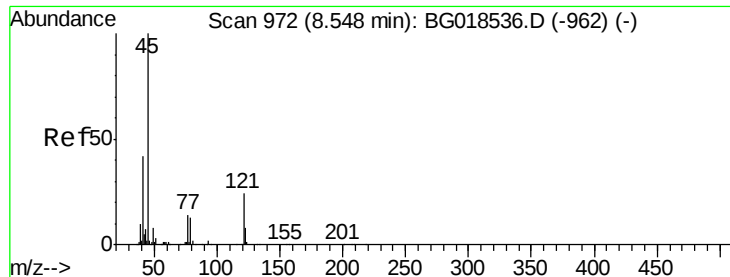
107 85.2 72.1 108.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

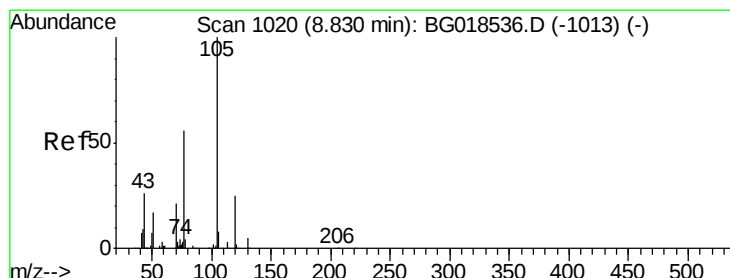
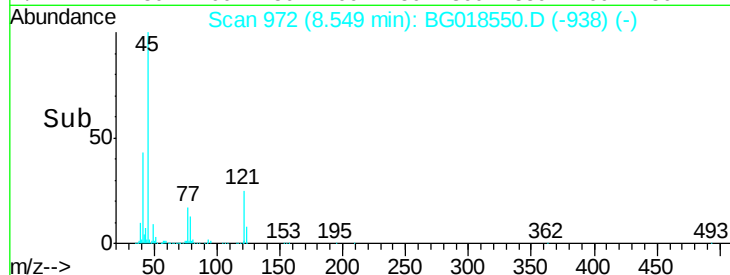
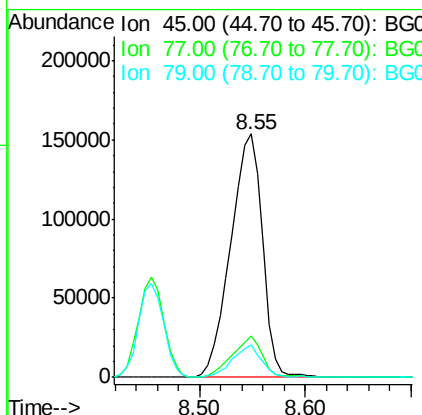
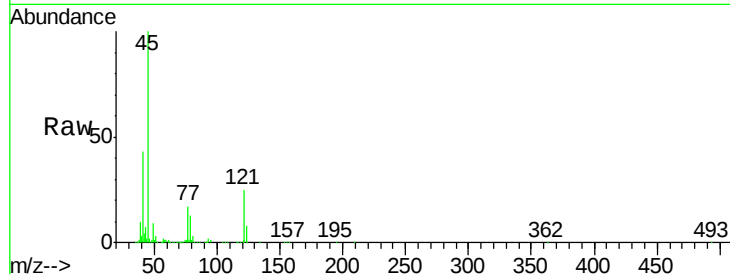




#12
 2,2'-oxybis(1-Chloropropane)
 Concen: 16.14 ng/ul
 RT: 8.55 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: BG018550.D
 Acq: 29 Aug 2015 23:50

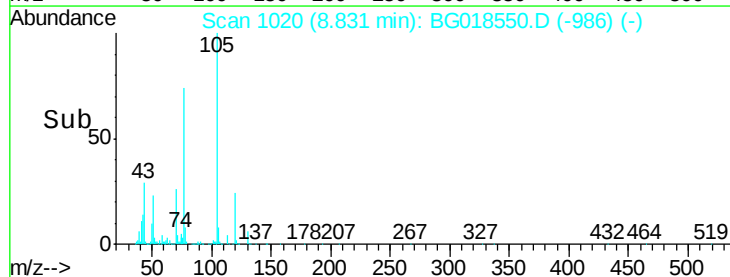
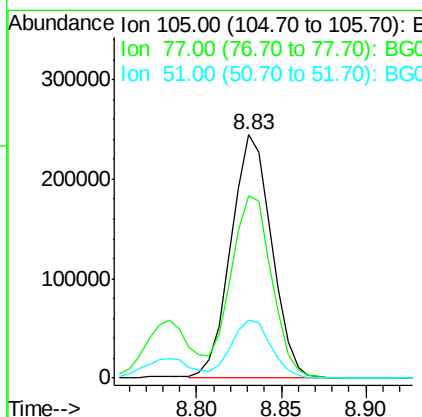
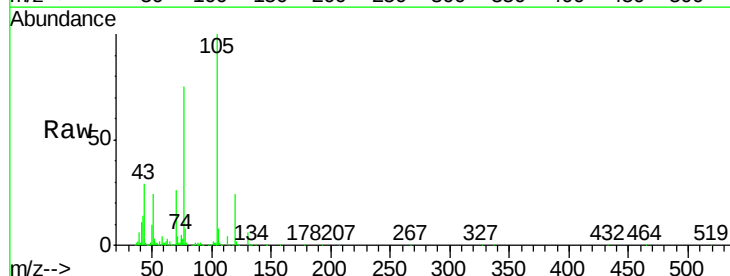
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02019

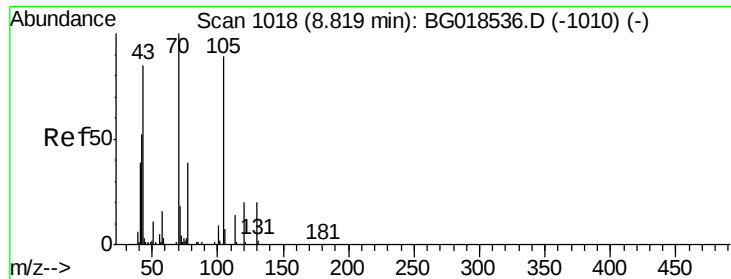
Tgt Ion: 45 Resp: 319945
 Ion Ratio Lower Upper
 45 100
 77 17.1 11.3 16.9#
 79 13.2 7.8 11.8#



#14
 Acetophenone
 Concen: 21.41 ng/ul
 RT: 8.83 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: BG018550.D
 Acq: 29 Aug 2015 23:50

Tgt Ion: 105 Resp: 409007
 Ion Ratio Lower Upper
 105 100
 77 74.6 61.9 92.9
 51 23.6 25.5 38.3#

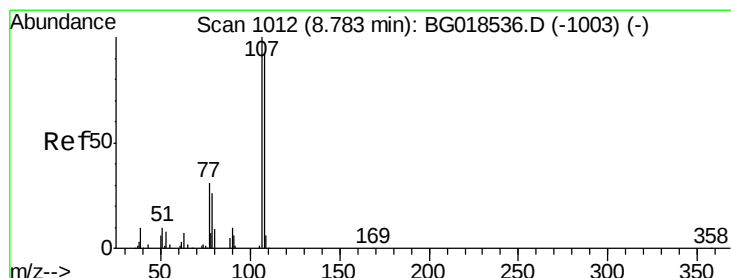
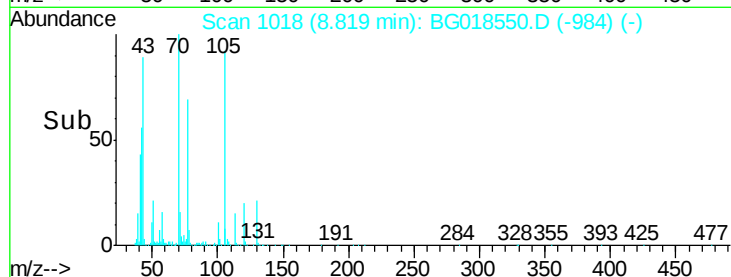
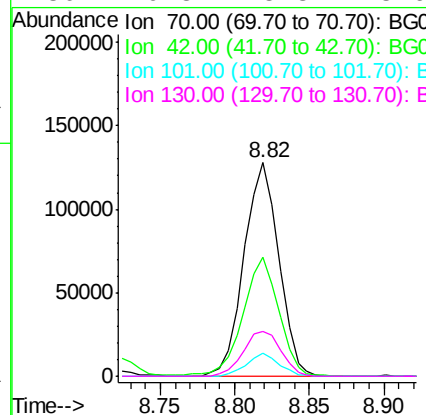
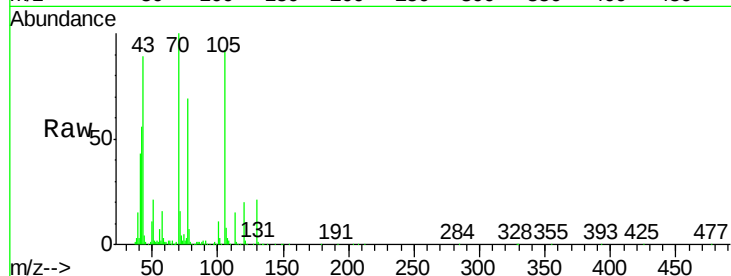




#15
N-Nitroso-di-n-propylamine
Concen: 18.82 ng/ul
RT: 8.82 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BG018550.D
Acq: 29 Aug 2015 23:50

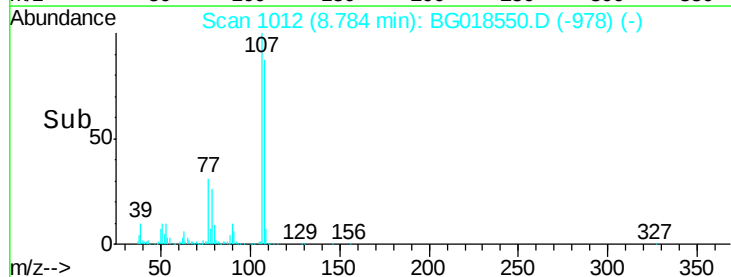
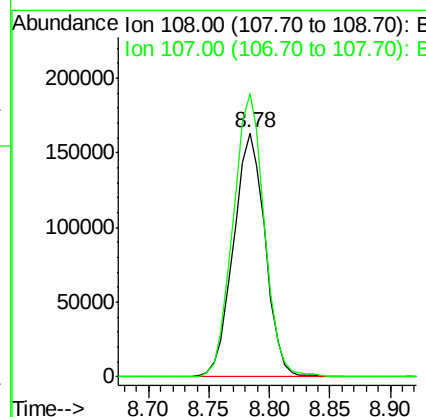
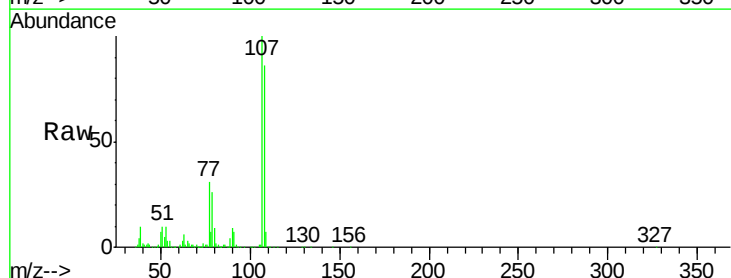
Instrument :
BNA_G
ClientSampleId :
SSTD02019

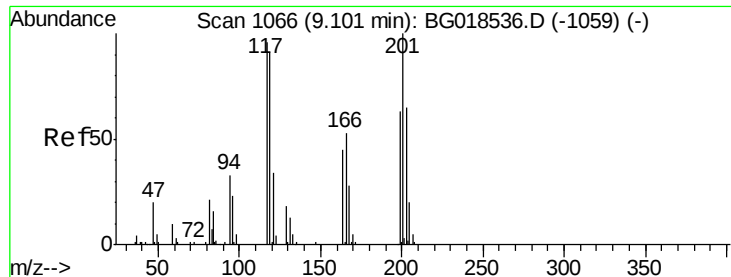
Tgt Ion:	70	Resp:	206333
Ion	Ratio	Lower	Upper
70	100		
42	56.0	50.7	76.1
101	10.6	7.4	11.2
130	20.8	15.8	23.6



#16
4-Methylphenol
Concen: 21.90 ng/ul
RT: 8.78 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BG018550.D
Acq: 29 Aug 2015 23:50

Tgt Ion:	108	Resp:	297519
Ion	Ratio	Lower	Upper
108	100		
107	115.9	94.6	142.0

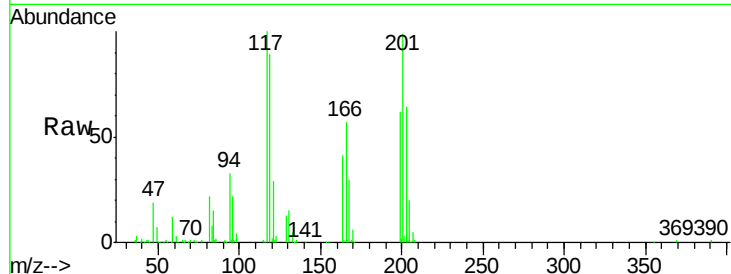




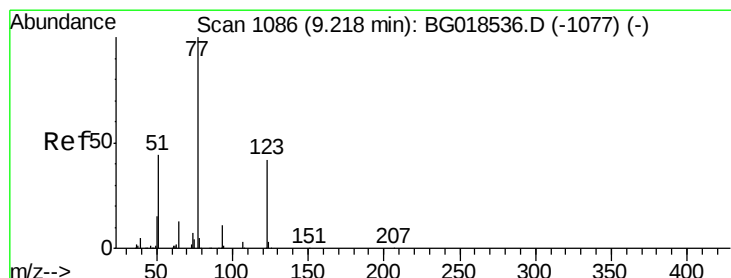
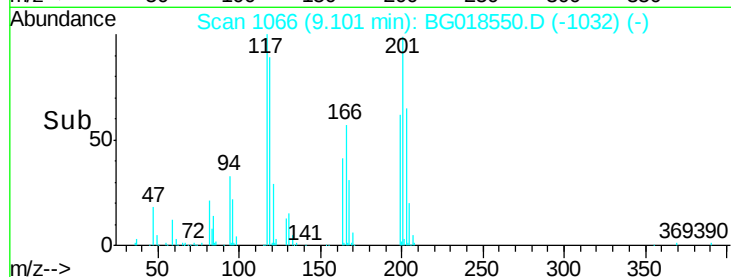
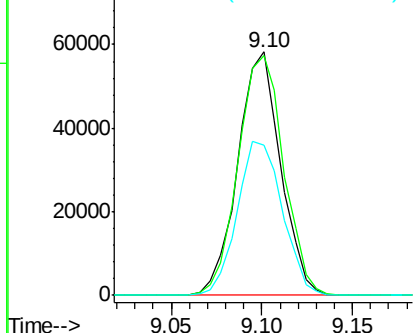
#17
Hexachloroethane
Concen: 18.10 ng/ul
RT: 9.10 min Scan# 1066
Delta R.T. 0.00 min
Lab File: BG018550.D
Acq: 29 Aug 2015 23:50

Instrument :
BNA_G
ClientSampleId :
SSTD02019

Tgt Ion:117 Resp: 95829
Ion Ratio Lower Upper
117 100
201 101.3 73.6 110.4
199 61.7 48.6 72.8

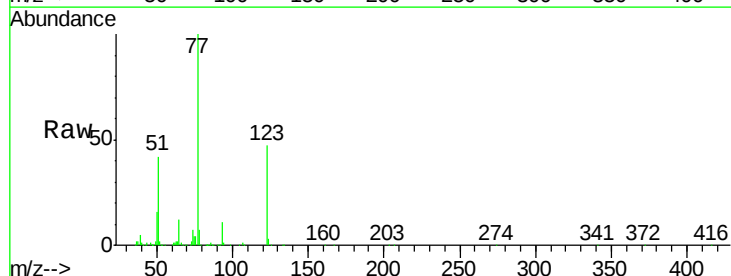


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

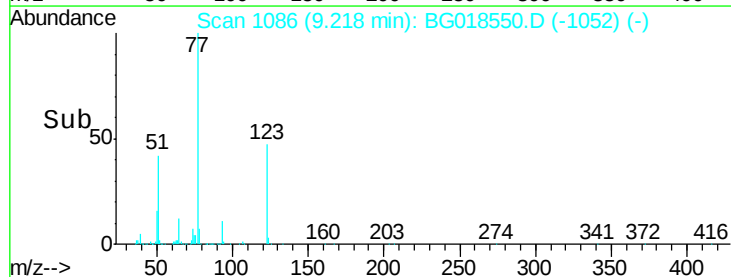
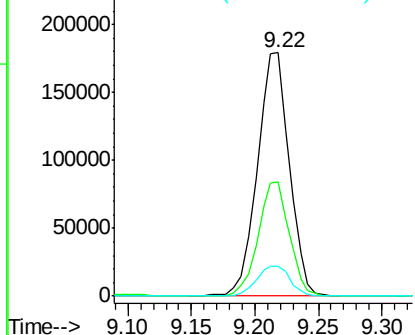


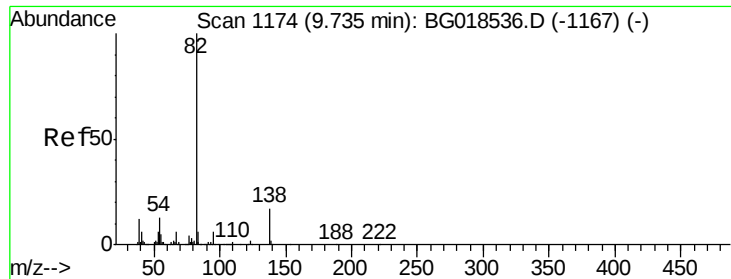
#20
Nitrobenzene
Concen: 19.25 ng/ul
RT: 9.22 min Scan# 1086
Delta R.T. 0.00 min
Lab File: BG018550.D
Acq: 29 Aug 2015 23:50

Tgt Ion: 77 Resp: 313377
Ion Ratio Lower Upper
77 100
123 47.1 32.8 49.2
65 12.3 12.2 18.2



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

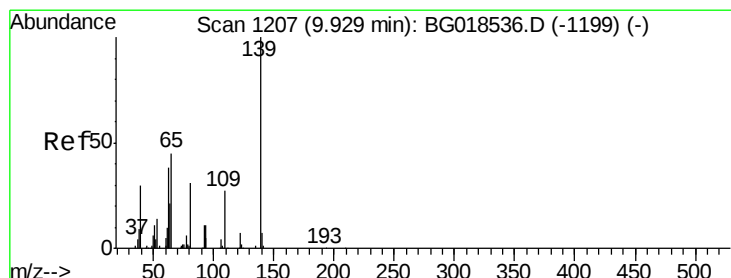
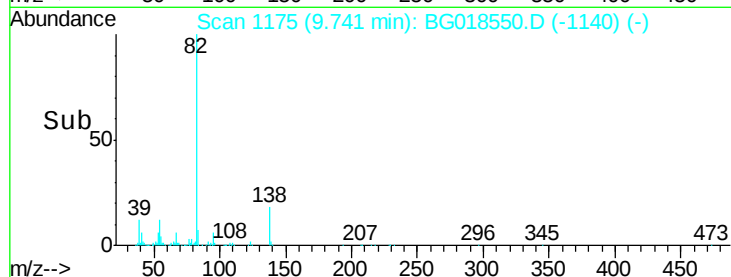
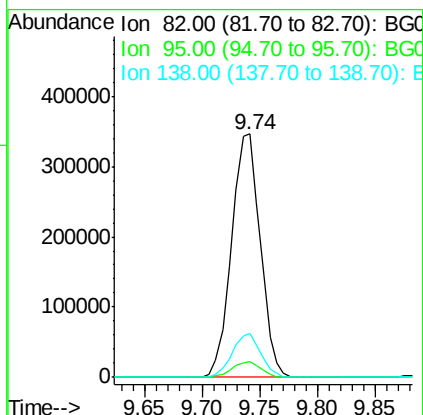
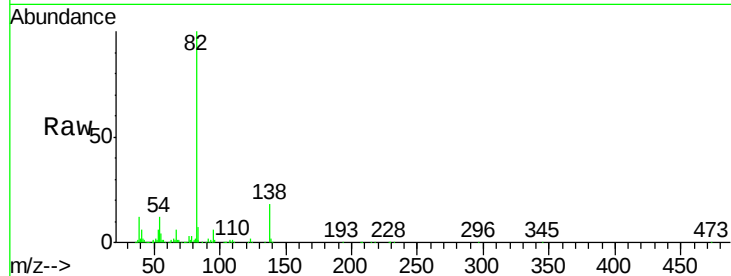




#21
Isophorone
Concen: 19.03 ng/ul
RT: 9.74 min Scan# 1175
Delta R.T. 0.01 min
Lab File: BG018550.D
Acq: 29 Aug 2015 23:50

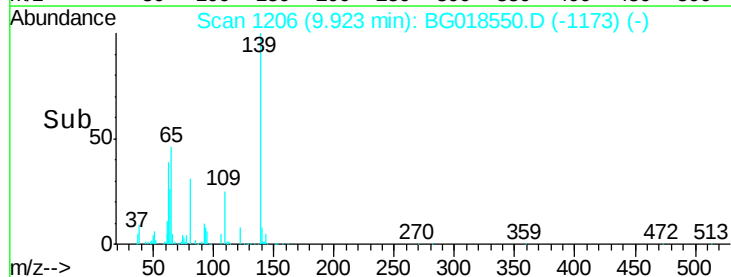
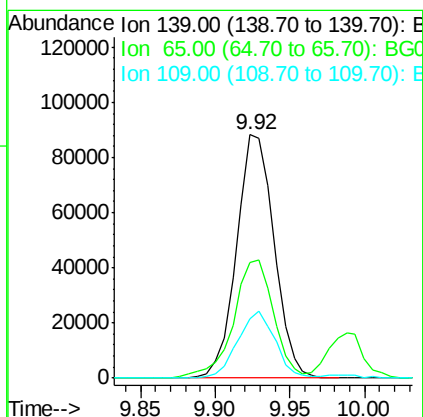
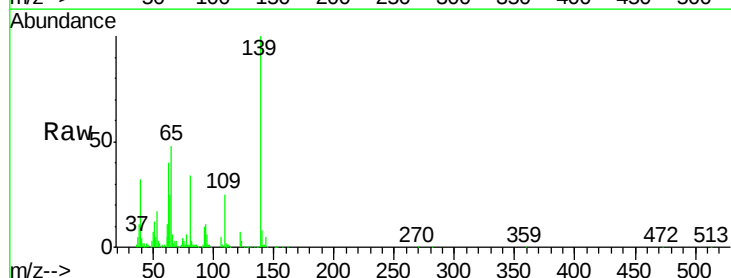
Instrument :
BNA_G
ClientSampleId :
SSTD02019

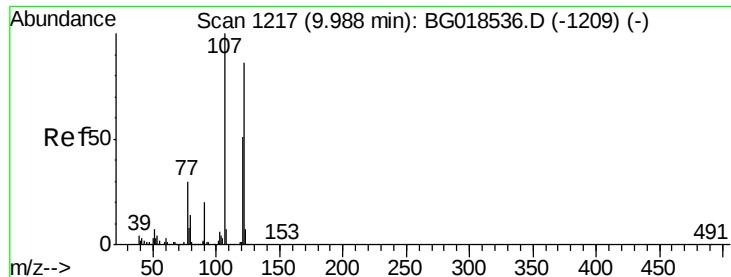
Tgt Ion: 82 Resp: 595742
Ion Ratio Lower Upper
82 100
95 6.5 5.2 7.8
138 18.3 13.8 20.8



#23
2-Nitrophenol
Concen: 21.14 ng/ul
RT: 9.92 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BG018550.D
Acq: 29 Aug 2015 23:50

Tgt Ion: 139 Resp: 154214
Ion Ratio Lower Upper
139 100
65 47.7 45.6 68.4
109 24.5 25.4 38.2#

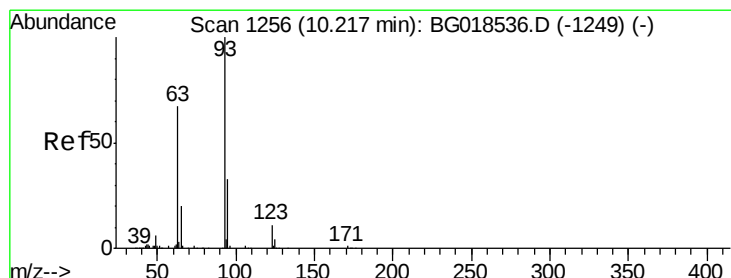
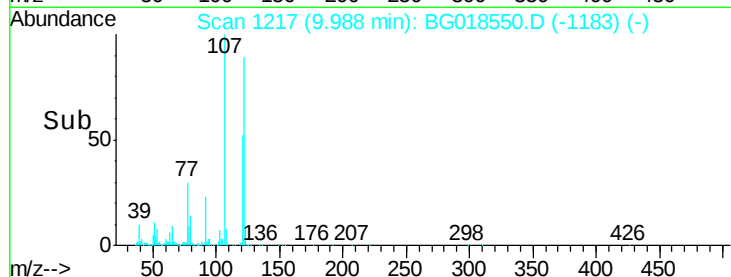
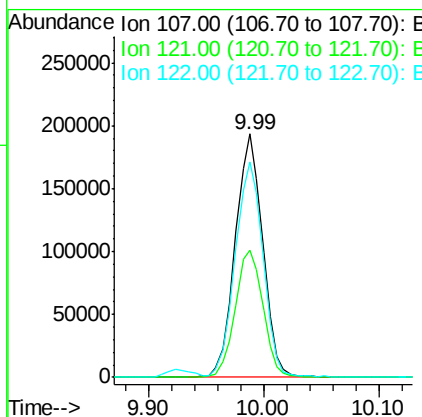
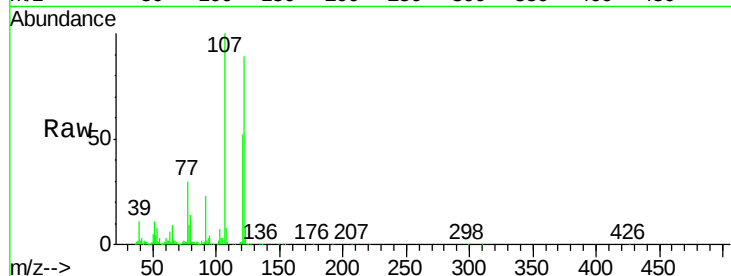




#24
 2,4-Dimethylphenol
 Concen: 19.46 ng/ul
 RT: 9.99 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: BG018550.D
 Acq: 29 Aug 2015 23:50

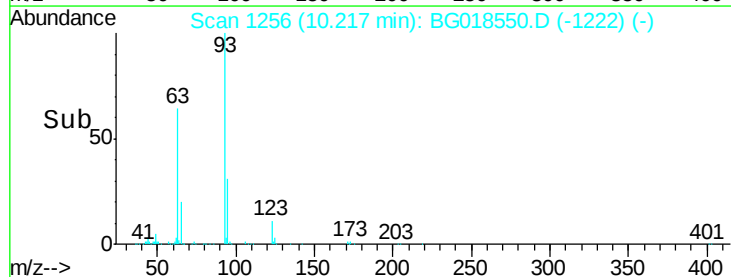
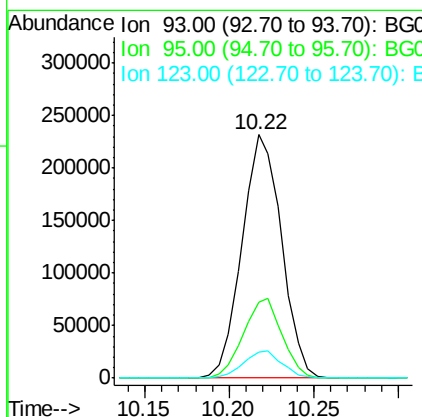
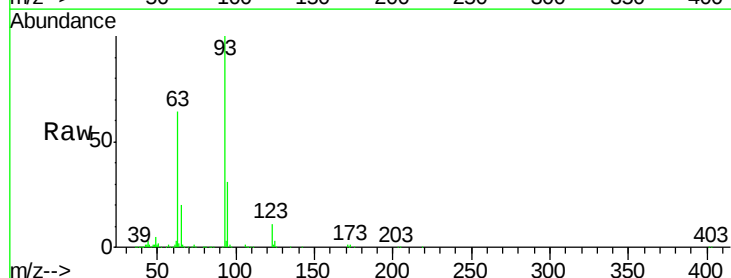
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02019

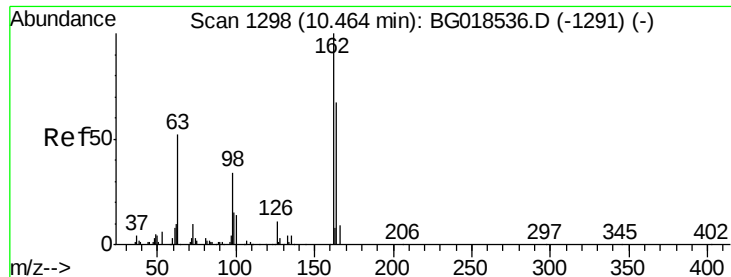
Tgt Ion: 107 Resp: 317985
 Ion Ratio Lower Upper
 107 100
 121 52.2 41.3 61.9
 122 88.7 71.9 107.9



#25
 Bis(2-Chloroethoxy)methane
 Concen: 19.35 ng/ul
 RT: 10.22 min Scan# 1256
 Delta R.T. 0.00 min
 Lab File: BG018550.D
 Acq: 29 Aug 2015 23:50

Tgt Ion: 93 Resp: 377654
 Ion Ratio Lower Upper
 93 100
 95 31.2 24.1 36.1
 123 10.8 8.9 13.3

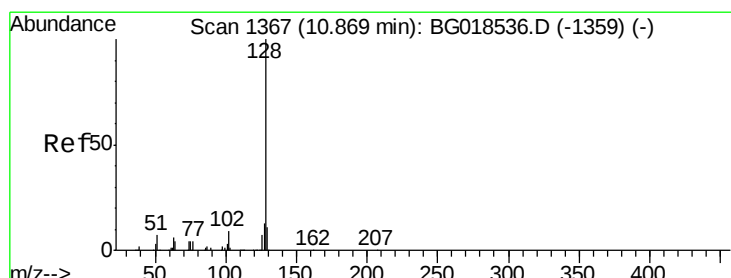
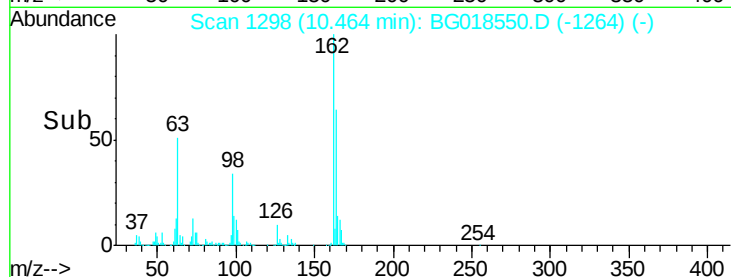
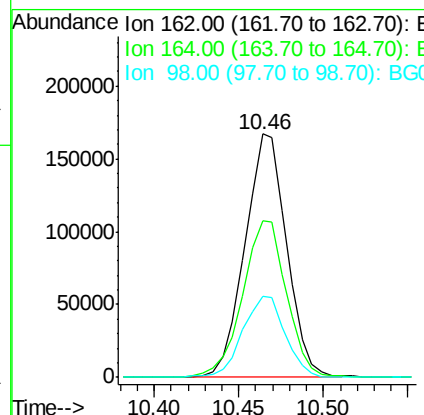
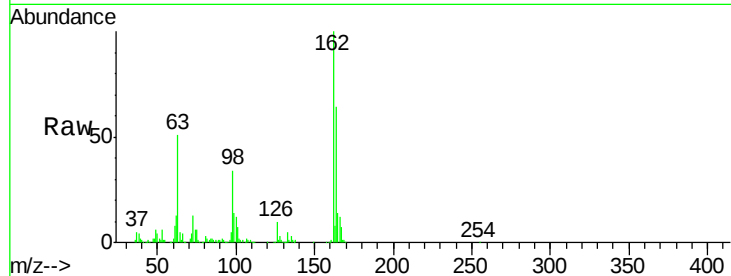




#27
 2,4-Dichlorophenol
 Concen: 21.95 ng/ul
 RT: 10.46 min Scan# 1298
 Delta R.T. 0.00 min
 Lab File: BG018550.D
 Acq: 29 Aug 2015 23:50

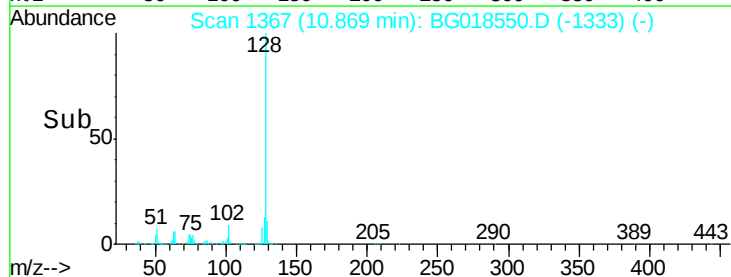
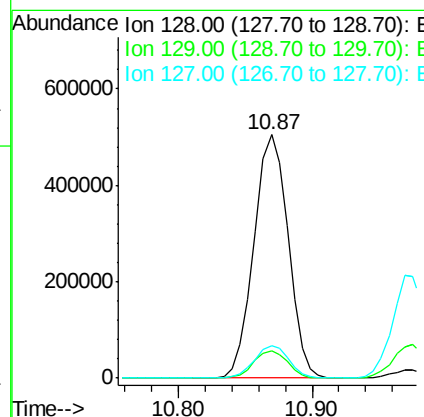
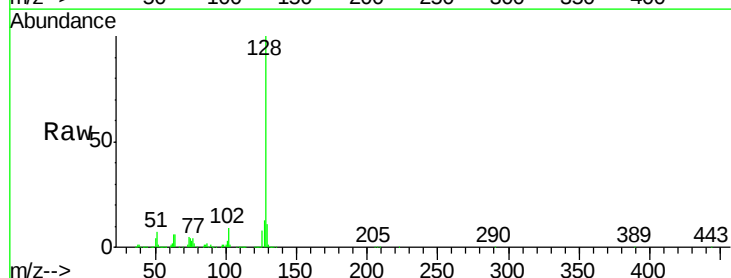
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02019

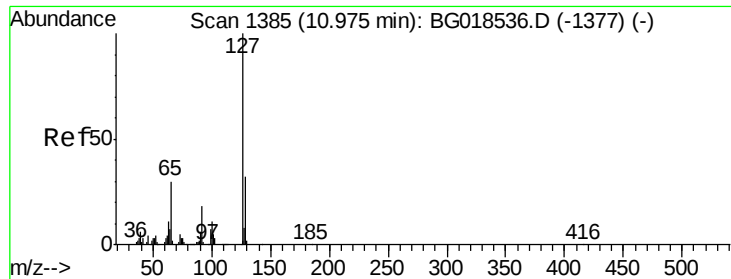
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.4	51.7	77.5
98	33.5	30.4	45.6



#28
 Naphthalene
 Concen: 20.49 ng/ul
 RT: 10.87 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: BG018550.D
 Acq: 29 Aug 2015 23:50

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.6	14.4
127	13.3	10.5	15.7

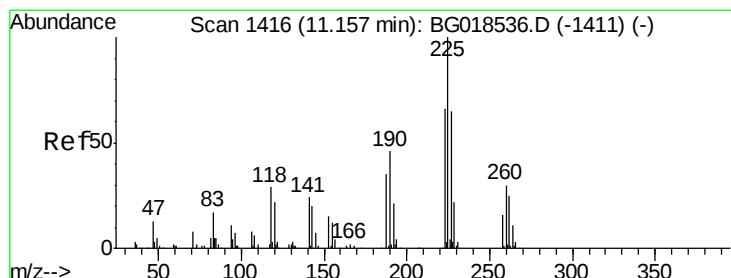
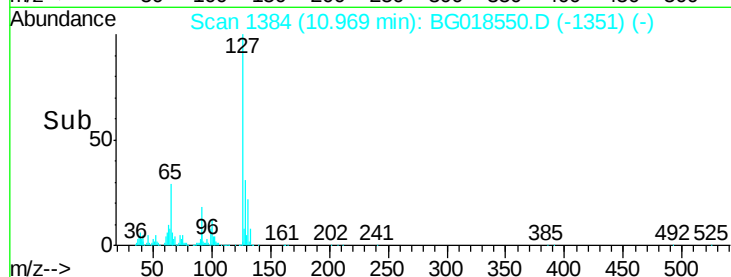
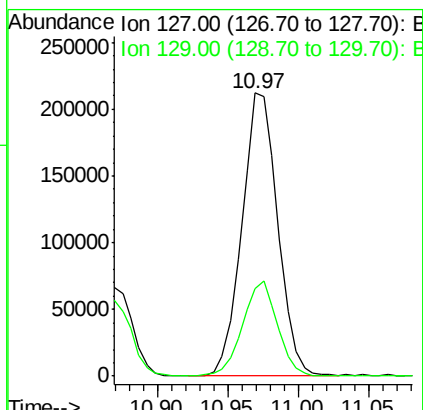
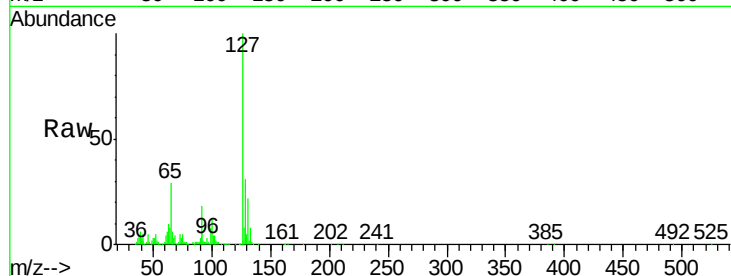




#30
4-Chloroaniline
Concen: 23.54 ng/ul
RT: 10.97 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BG018550.D
Acq: 29 Aug 2015 23:50

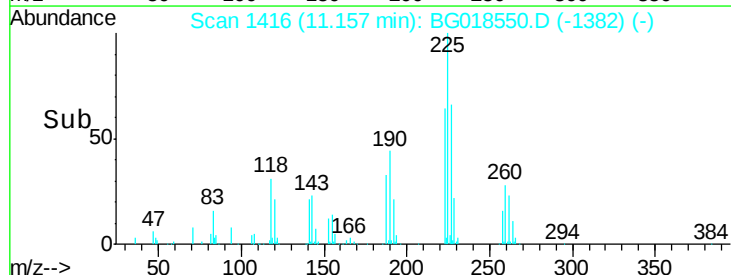
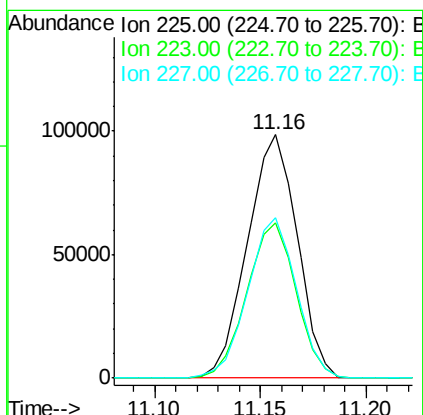
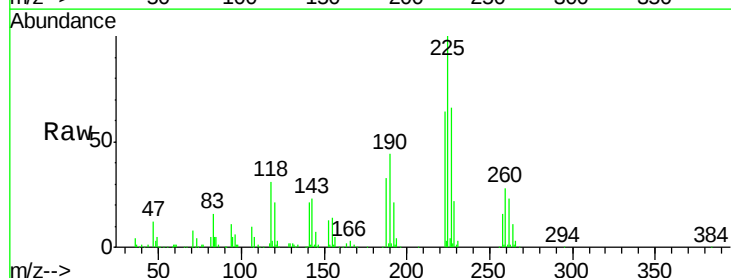
Instrument :
BNA_G
ClientSampleId :
SSTD02019

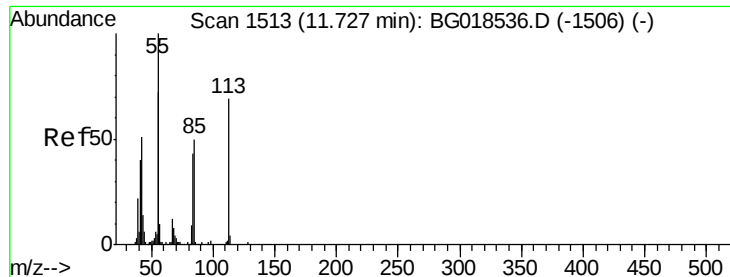
Tgt Ion:127 Resp: 377256
Ion Ratio Lower Upper
127 100
129 30.9 26.7 40.1



#31
Hexachlorobutadiene
Concen: 19.56 ng/ul
RT: 11.16 min Scan# 1416
Delta R.T. 0.00 min
Lab File: BG018550.D
Acq: 29 Aug 2015 23:50

Tgt Ion:225 Resp: 161304
Ion Ratio Lower Upper
225 100
223 63.9 45.8 68.8
227 65.7 54.0 81.0





#32

Caprolactam

Concen: 17.34 ng/ul

RT: 11.73 min Scan# 1514

Delta R.T. 0.01 min

Lab File: BG018550.D

Acq: 29 Aug 2015 23:50

Instrument :

BNA_G

ClientSampleId :

SSTD02019

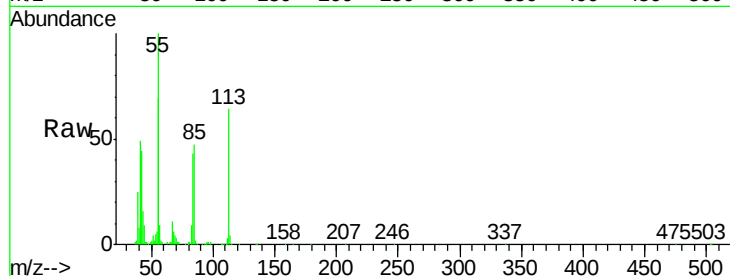
Tgt Ion:113 Resp: 91224

Ion Ratio Lower Upper

113 100

55 156.4 124.2 186.4

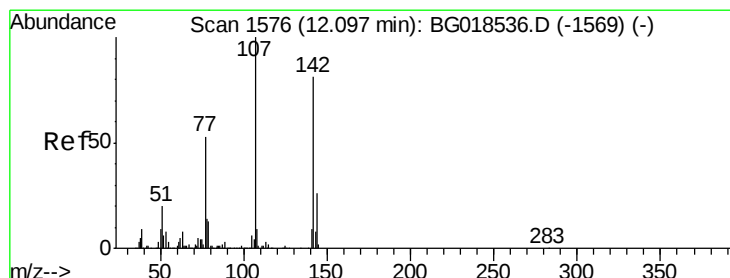
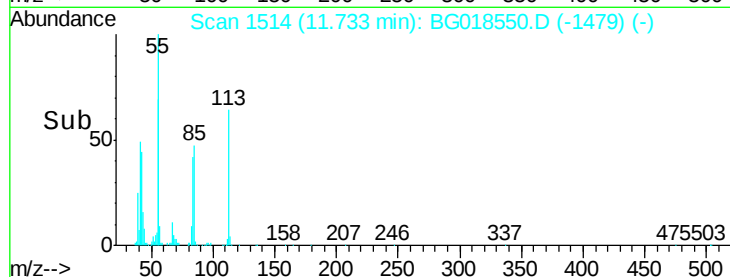
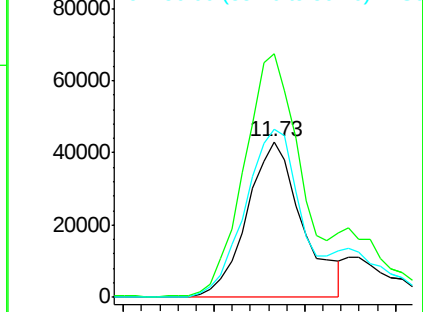
56 108.3 98.2 147.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG018536.D (-1506) (-)

Ion 56.00 (55.70 to 56.70): BG018536.D (-1506) (-)



#33

4-Chloro-3-methylphenol

Concen: 20.92 ng/ul

RT: 12.10 min Scan# 1576

Delta R.T. 0.00 min

Lab File: BG018550.D

Acq: 29 Aug 2015 23:50

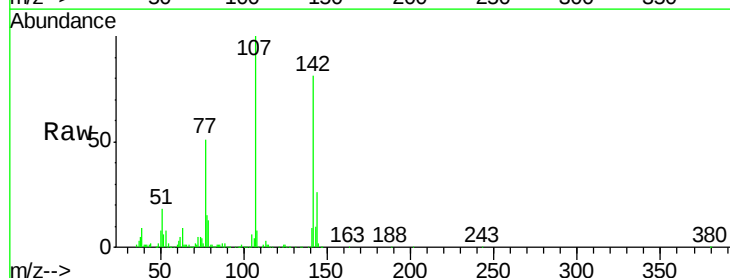
Tgt Ion:107 Resp: 316518

Ion Ratio Lower Upper

107 100

144 25.5 21.4 32.2

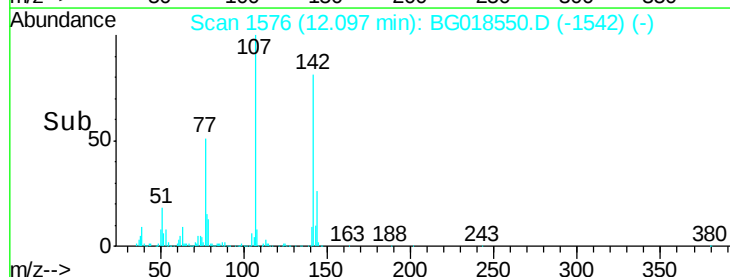
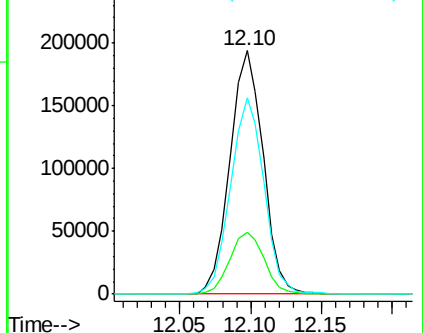
142 80.6 66.0 99.0

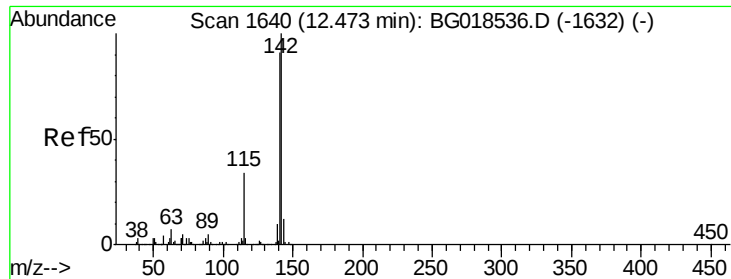


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

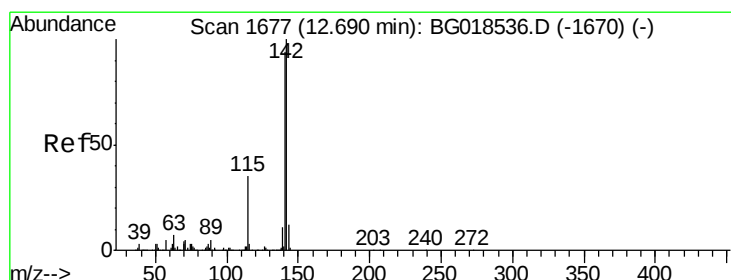
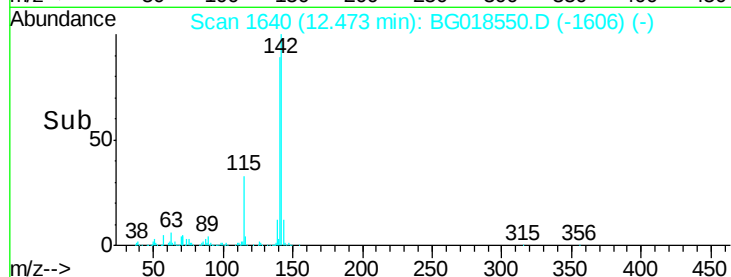
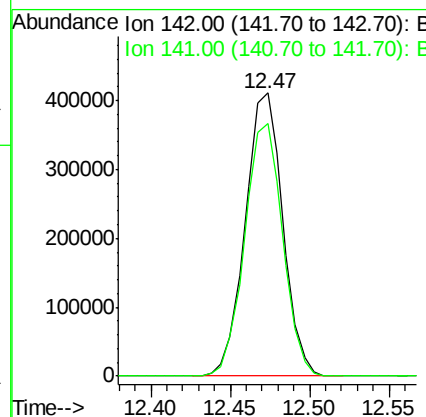
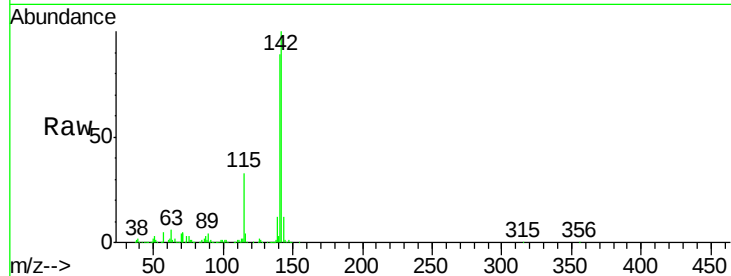




#34
2-Methylnaphthalene
Concen: 21.32 ng/ul
RT: 12.47 min Scan# 1640
Delta R.T. 0.00 min
Lab File: BG018550.D
Acq: 29 Aug 2015 23:50

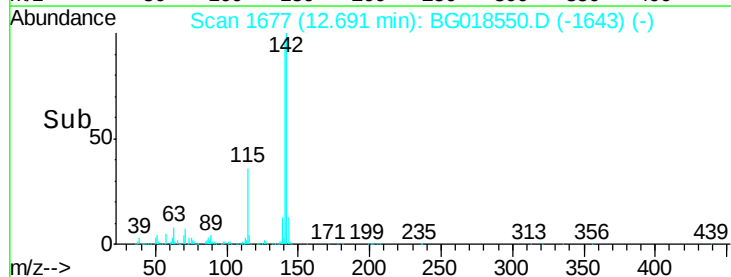
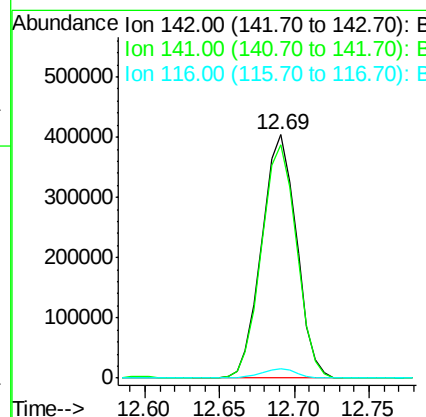
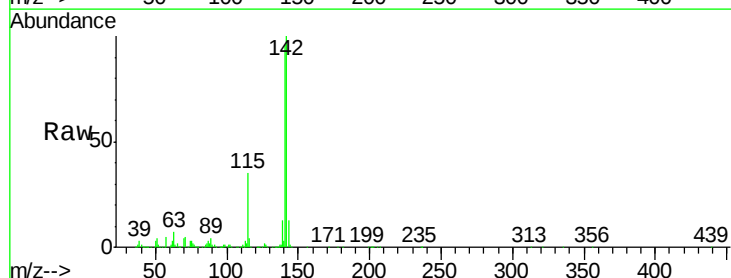
Instrument :
BNA_G
ClientSampleId :
SSTD02019

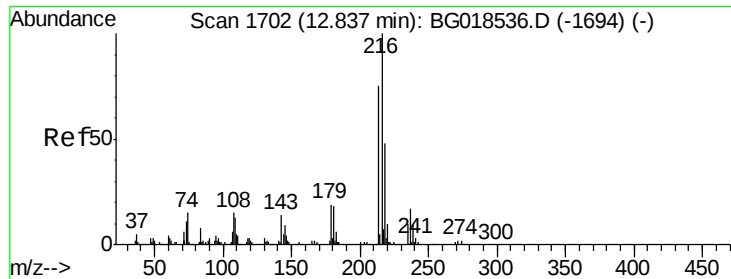
Tgt Ion:142 Resp: 675032
Ion Ratio Lower Upper
142 100
141 89.4 78.0 117.0



#35
1-Methylnaphthalene
Concen: 21.12 ng/ul
RT: 12.69 min Scan# 1677
Delta R.T. 0.00 min
Lab File: BG018550.D
Acq: 29 Aug 2015 23:50

Tgt Ion:142 Resp: 653153
Ion Ratio Lower Upper
142 100
141 95.8 77.1 115.7
116 3.8 3.5 5.3

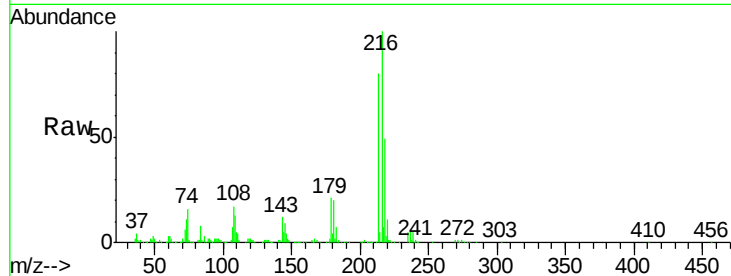




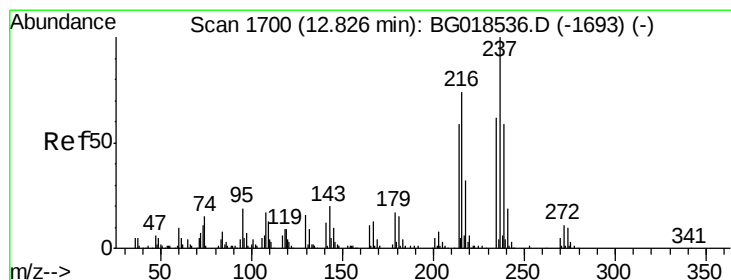
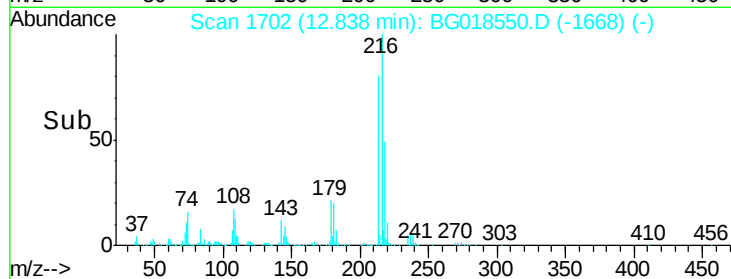
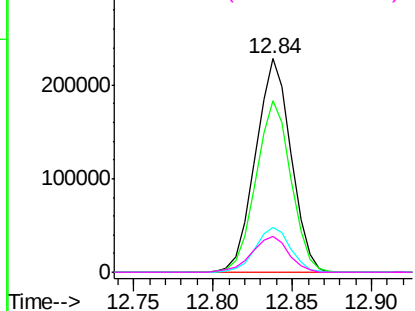
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 20.38 ng/ul
 RT: 12.84 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: BG018550.D
 Acq: 29 Aug 2015 23:50

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02019

Tgt Ion:	216	Resp:	356459
Ion	Ratio	Lower	Upper
216	100		
214	80.3	62.5	93.7
179	21.0	18.2	27.2
108	17.0	14.6	22.0

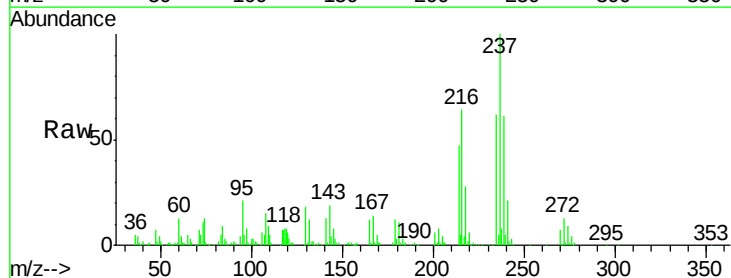


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

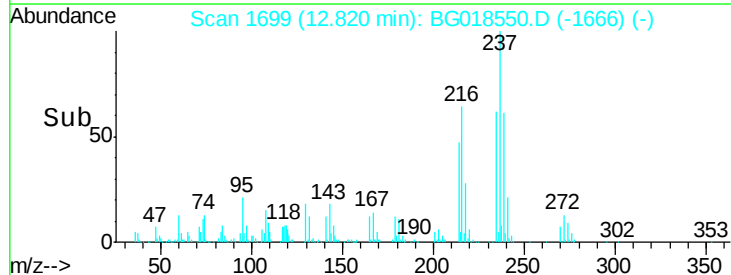
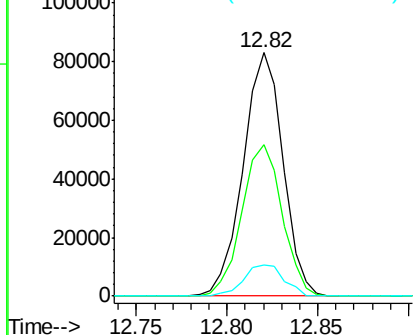


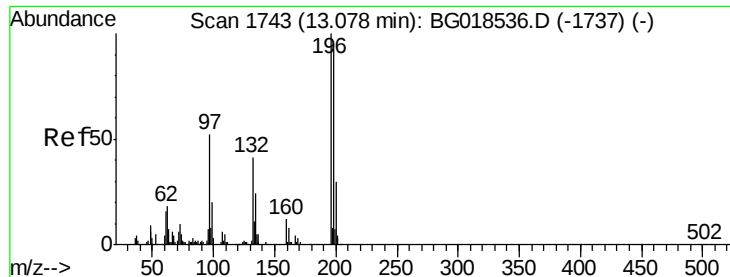
#38
 Hexachlorocyclopentadiene
 Concen: 12.18 ng/ul
 RT: 12.82 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG018550.D
 Acq: 29 Aug 2015 23:50

Tgt Ion:	237	Resp:	126822
Ion	Ratio	Lower	Upper
237	100		
235	62.1	45.6	68.4
272	11.7	9.0	13.4



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

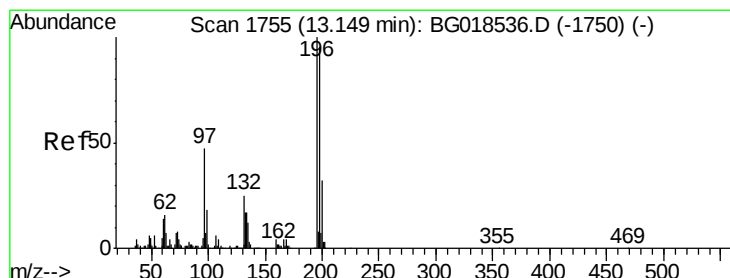
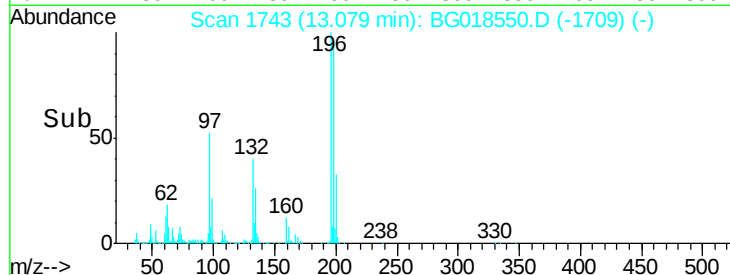
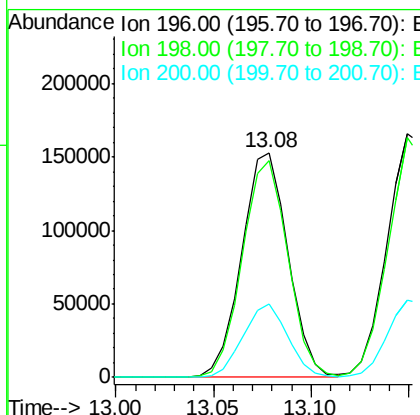
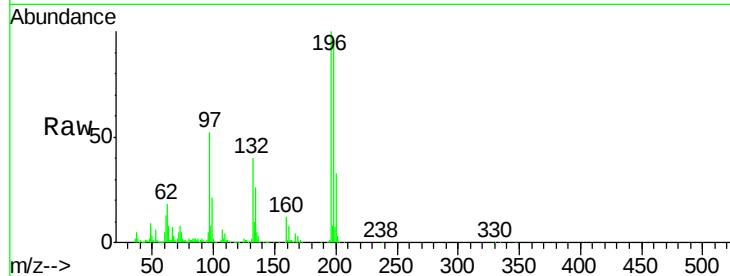




#39
 2,4,6-Trichlorophenol
 Concen: 21.11 ng/ul
 RT: 13.08 min Scan# 1743
 Delta R.T. 0.00 min
 Lab File: BG018550.D
 Acq: 29 Aug 2015 23:50

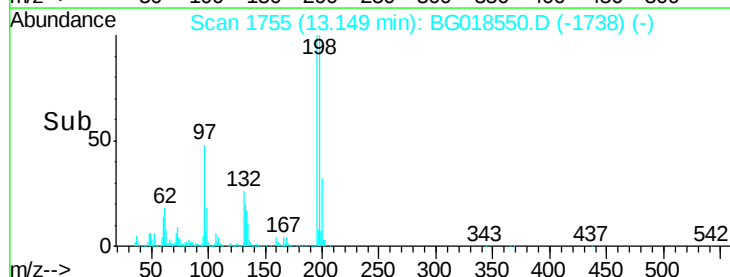
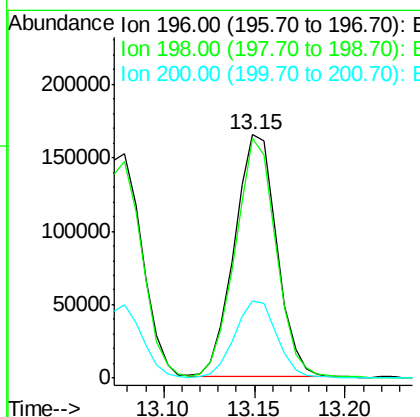
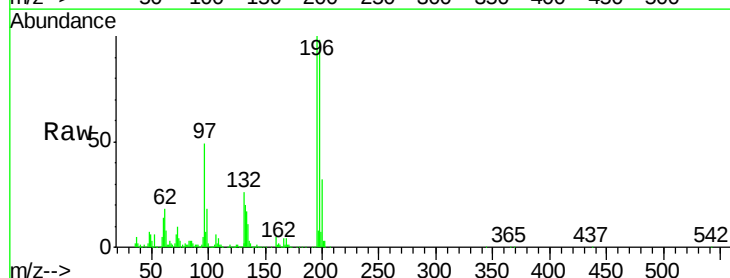
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02019

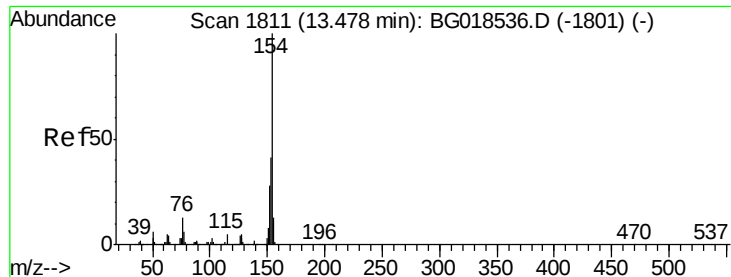
Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.5	78.5	117.7
200	32.7	25.1	37.7



#40
 2,4,5-Trichlorophenol
 Concen: 20.82 ng/ul
 RT: 13.15 min Scan# 1755
 Delta R.T. 0.00 min
 Lab File: BG018550.D
 Acq: 29 Aug 2015 23:50

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.5	74.2	111.4
200	31.6	25.2	37.8

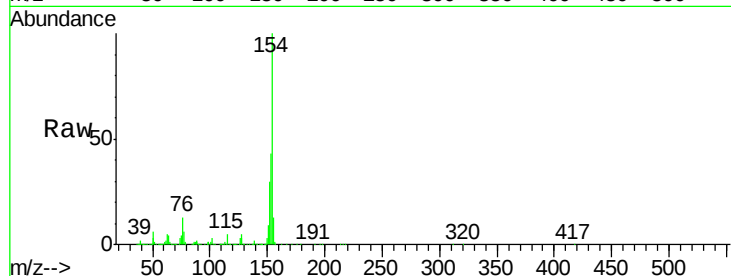




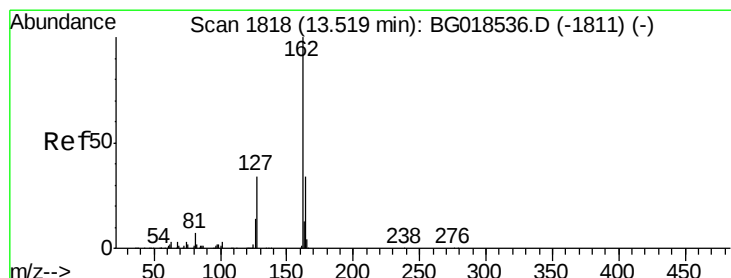
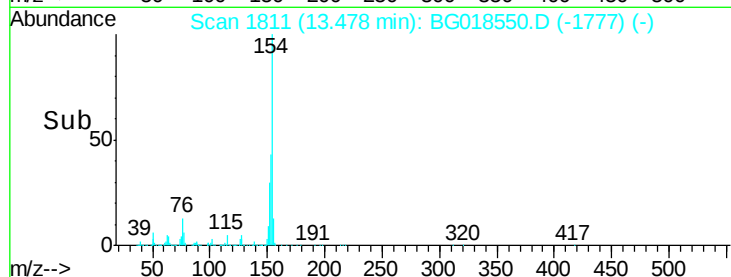
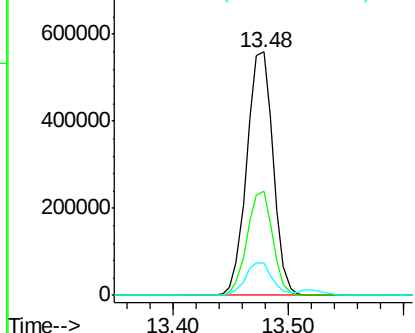
#41
 1,1'-Biphenyl
 Concen: 19.47 ng/ul
 RT: 13.48 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: BG018550.D
 Acq: 29 Aug 2015 23:50

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02019

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.6	35.2	52.8
76	13.4	10.6	16.0

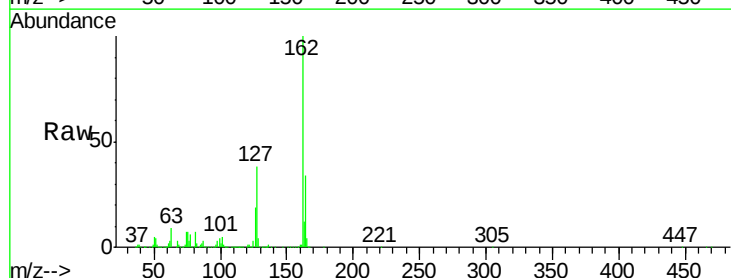


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

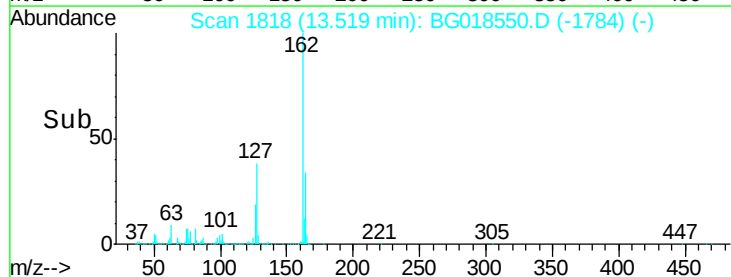
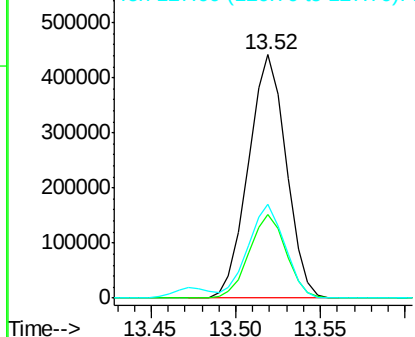


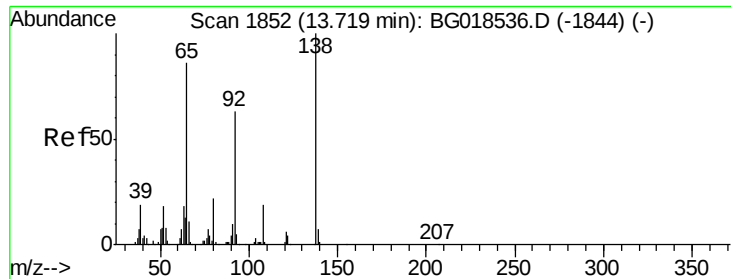
#42
 2-Chloronaphthalene
 Concen: 19.47 ng/ul
 RT: 13.52 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: BG018550.D
 Acq: 29 Aug 2015 23:50

Tgt Ion	Ratio	Lower	Upper
162	100		
164	34.4	24.8	37.2
127	38.3	30.3	45.5



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 127.00 (126.70 to 127.70): E

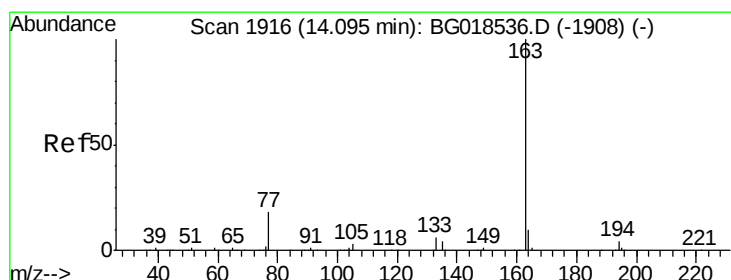
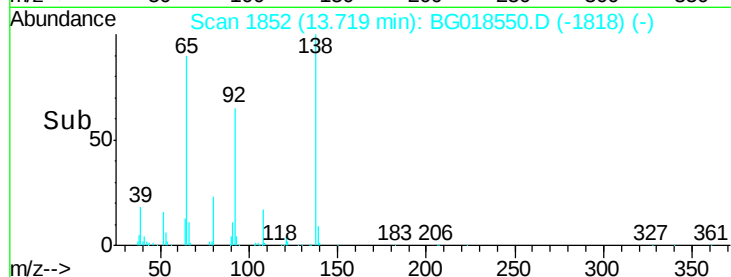
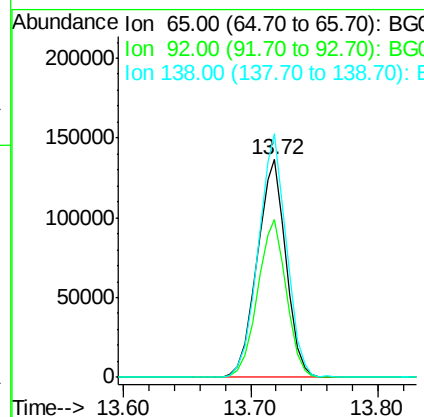
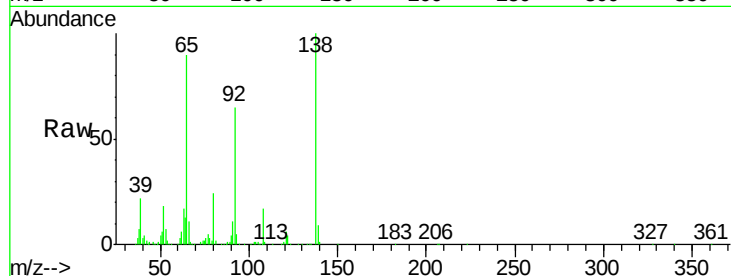




#43
2-Nitroaniline
Concen: 18.92 ng/ul
RT: 13.72 min Scan# 1852
Delta R.T. 0.00 min
Lab File: BG018550.D
Acq: 29 Aug 2015 23:50

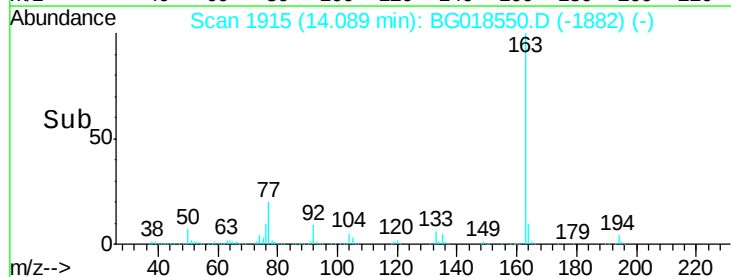
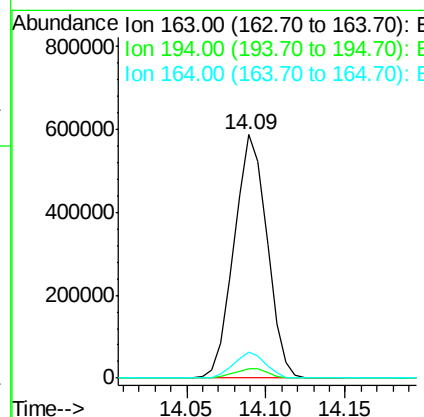
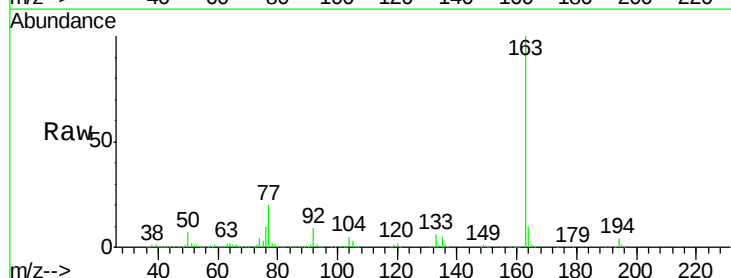
Instrument :
BNA_G
ClientSampleId :
SSTD02019

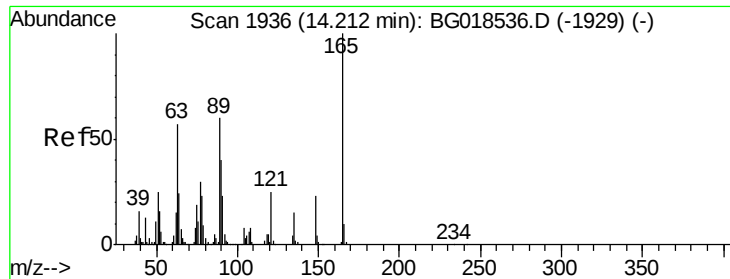
Tgt Ion: 65 Resp: 216023
Ion Ratio Lower Upper
65 100
92 72.2 51.1 76.7
138 111.7 75.1 112.7



#45
Dimethylphthalate
Concen: 18.68 ng/ul
RT: 14.09 min Scan# 1915
Delta R.T. -0.01 min
Lab File: BG018550.D
Acq: 29 Aug 2015 23:50

Tgt Ion: 163 Resp: 845673
Ion Ratio Lower Upper
163 100
194 3.8 2.9 4.3
164 10.5 7.7 11.5

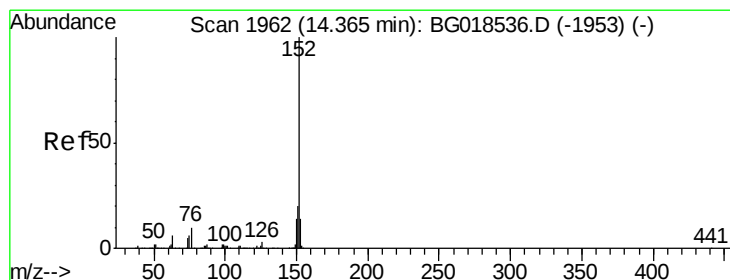
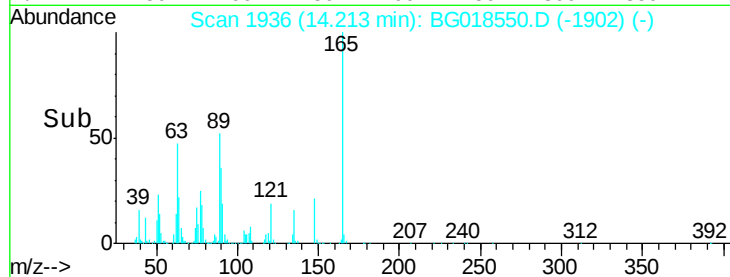
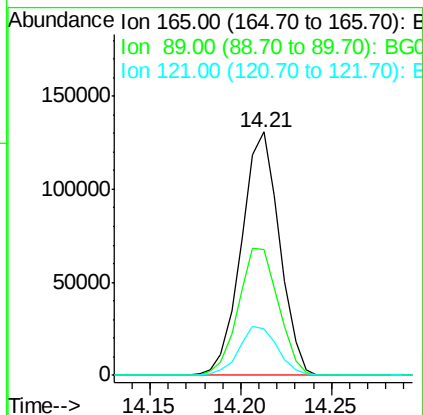
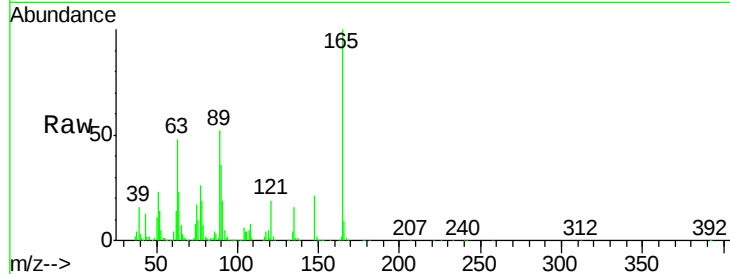




#46
 2,6-Dinitrotoluene
 Concen: 21.20 ng/ul
 RT: 14.21 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: BG018550.D
 Acq: 29 Aug 2015 23:50

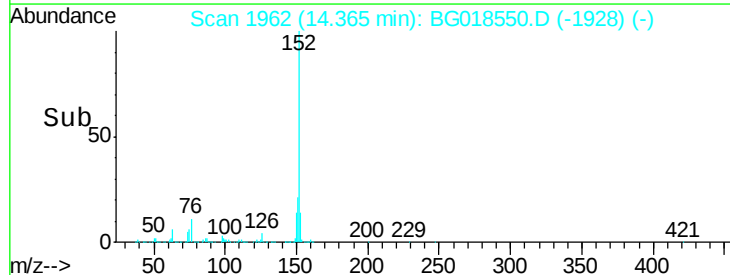
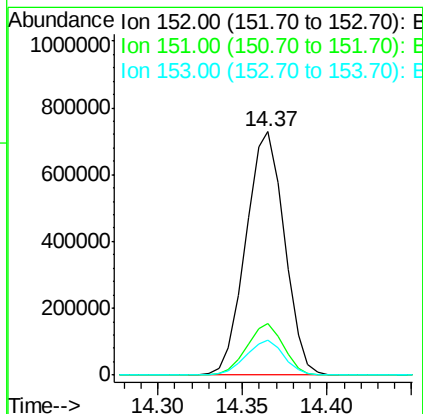
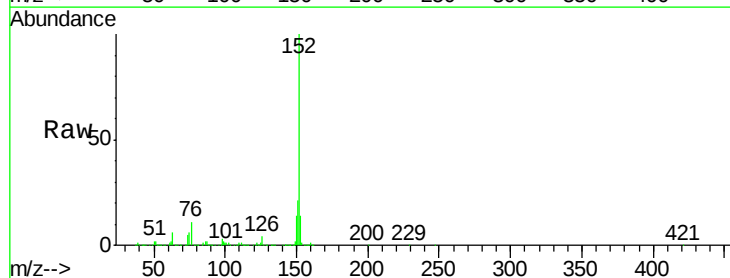
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02019

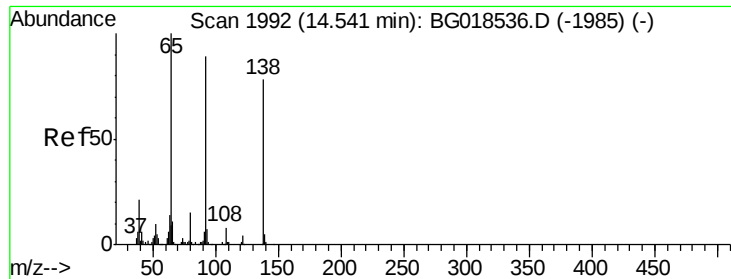
Tgt Ion	Ratio	Lower	Upper
165	100		
89	51.8	50.2	75.2
121	19.2	19.4	29.2#



#48
 Acenaphthylene
 Concen: 20.02 ng/ul
 RT: 14.37 min Scan# 1962
 Delta R.T. 0.00 min
 Lab File: BG018550.D
 Acq: 29 Aug 2015 23:50

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.2	15.4	23.2
153	14.2	10.8	16.2





#49

3-Nitroaniline

Concen: 24.15 ng/ul

RT: 14.54 min Scan# 1992

Delta R.T. 0.00 min

Lab File: BG018550.D

Acq: 29 Aug 2015 23:50

Instrument :

BNA_G

ClientSampleId :

SSTD02019

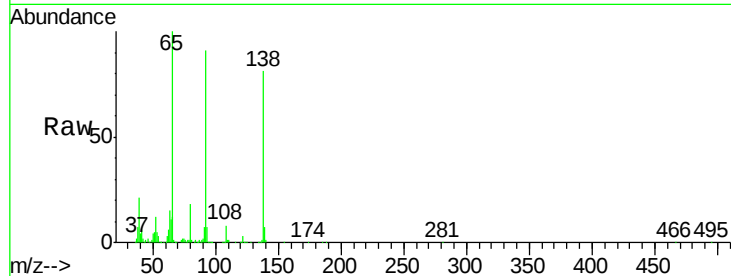
Tgt Ion:138 Resp: 222083

Ion Ratio Lower Upper

138 100

108 9.5 9.4 14.0

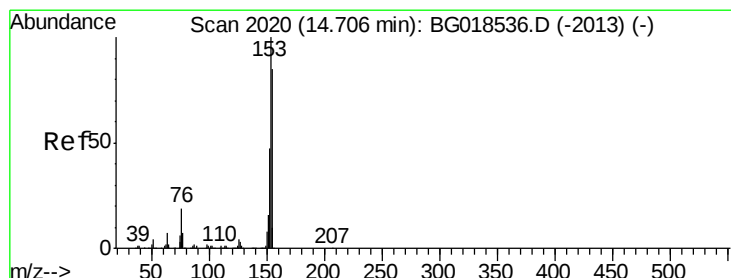
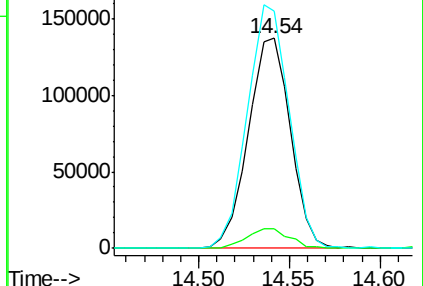
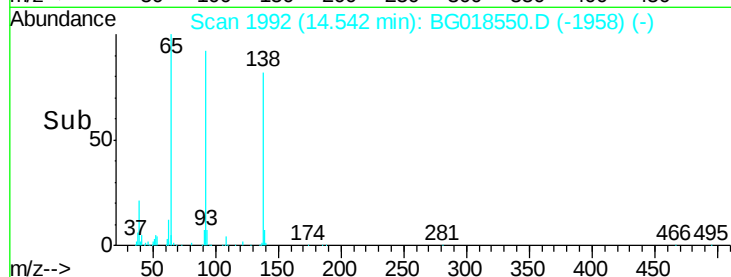
92 112.6 102.8 154.2



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



#50

Acenaphthene

Concen: 19.89 ng/ul

RT: 14.71 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BG018550.D

Acq: 29 Aug 2015 23:50

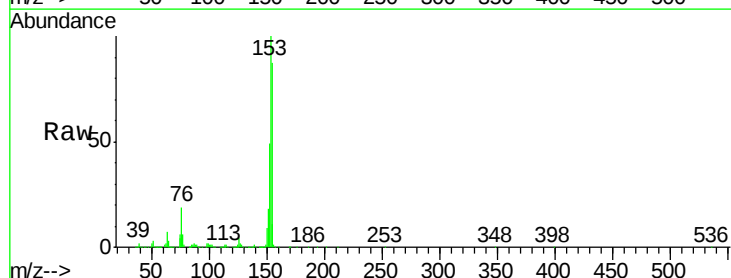
Tgt Ion:153 Resp: 808593

Ion Ratio Lower Upper

153 100

152 48.9 38.2 57.4

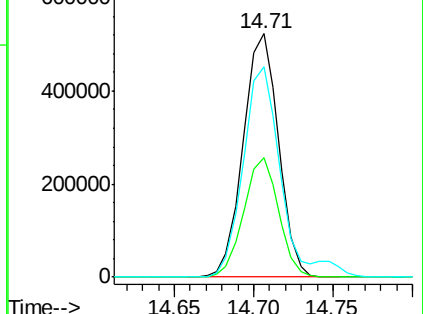
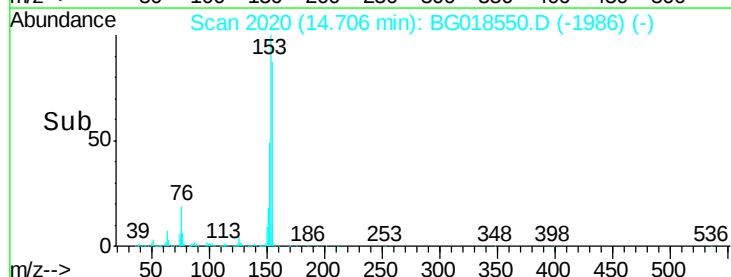
154 86.5 68.6 103.0

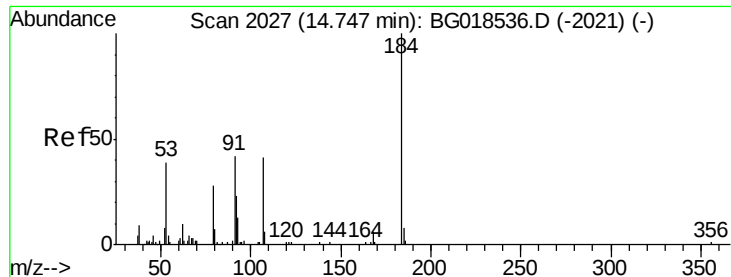


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

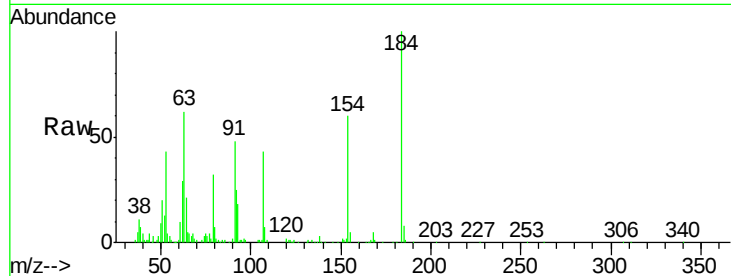




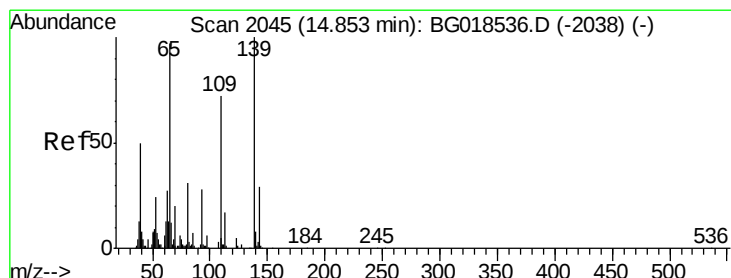
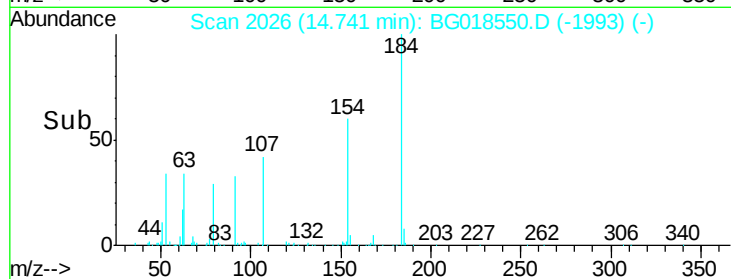
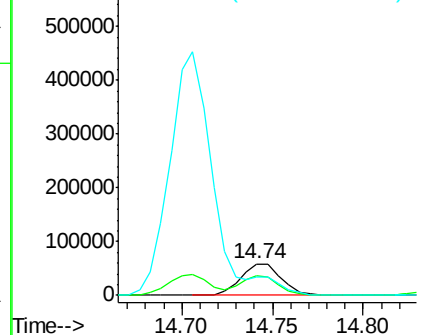
#51
2,4-Dinitrophenol
Concen: 20.84 ng/ul
RT: 14.74 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BG018550.D
Acq: 29 Aug 2015 23:50

Instrument :
BNA_G
ClientSampleId :
SSTD02019

Tgt Ion:184 Resp: 91627
Ion Ratio Lower Upper
184 100
63 62.2 55.3 82.9
154 60.0 58.2 87.2

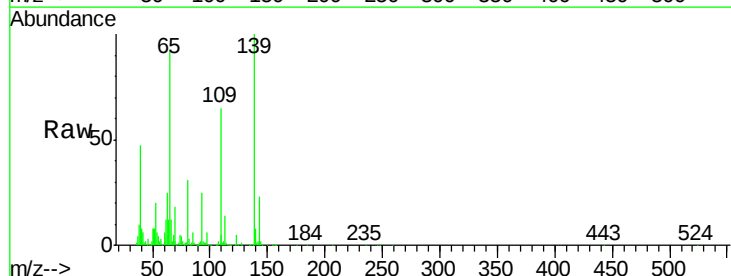


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

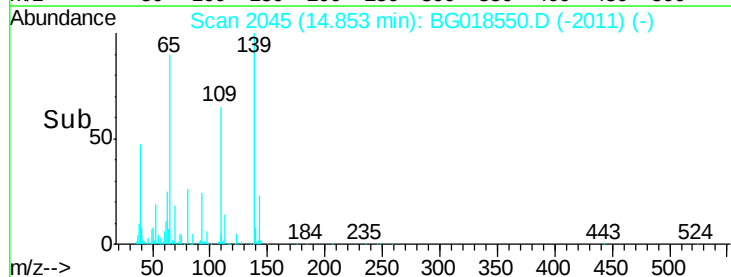
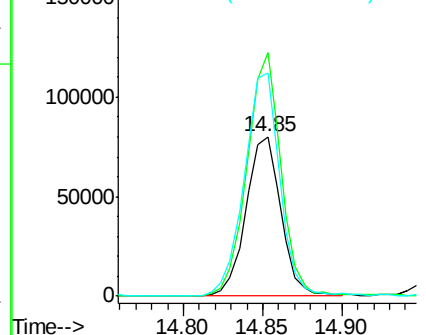


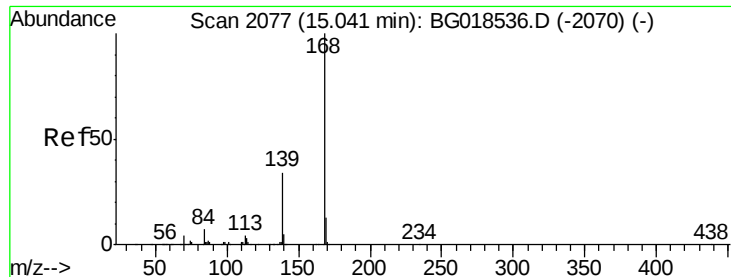
#53
4-Nitrophenol
Concen: 17.11 ng/ul
RT: 14.85 min Scan# 2045
Delta R.T. 0.00 min
Lab File: BG018550.D
Acq: 29 Aug 2015 23:50

Tgt Ion:109 Resp: 122802
Ion Ratio Lower Upper
109 100
139 152.9 111.3 166.9
65 139.9 105.3 157.9



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): BG





#54

Dibenzenofuran

Concen: 20.09 ng/ul

RT: 15.04 min Scan# 2077

Delta R.T. 0.00 min

Lab File: BG018550.D

Acq: 29 Aug 2015 23:50

Instrument :

BNA_G

ClientSampleId :

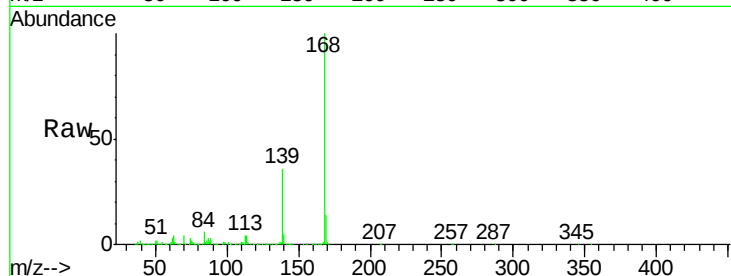
SSTD02019

Tgt Ion:168 Resp: 1067102

Ion Ratio Lower Upper

168 100

139 35.6 29.7 44.5



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

800000

600000

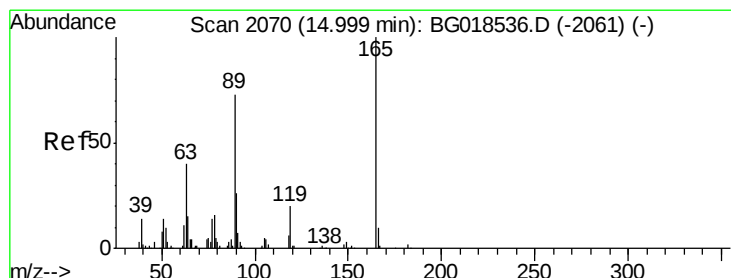
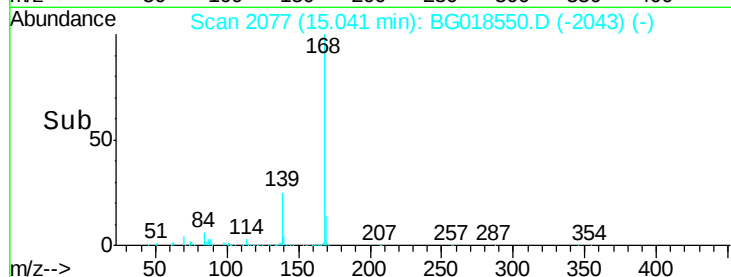
400000

200000

0

14.95 15.00 15.05 15.10

Time-->



#55

2,4-Dinitrotoluene

Concen: 21.02 ng/ul

RT: 14.99 min Scan# 2069

Delta R.T. -0.01 min

Lab File: BG018550.D

Acq: 29 Aug 2015 23:50

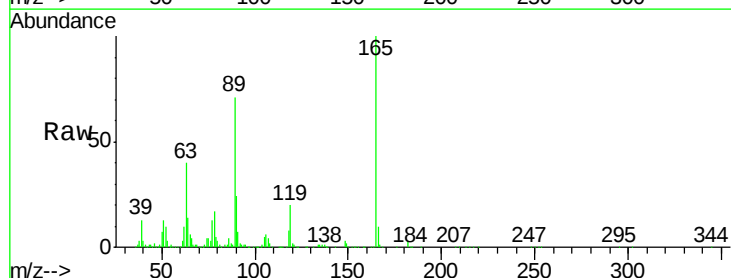
Tgt Ion:165 Resp: 270388

Ion Ratio Lower Upper

165 100

63 39.9 36.7 55.1

182 2.6 2.2 3.2



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 182.00 (181.70 to 182.70): E

250000

200000

150000

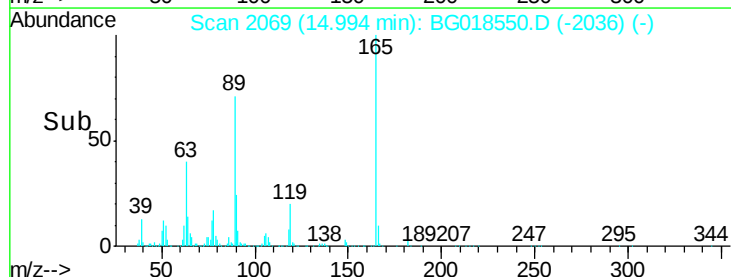
100000

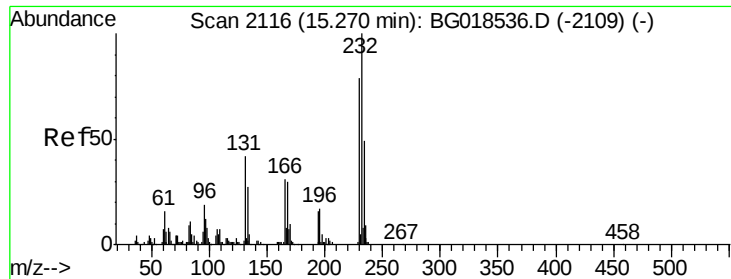
50000

0

14.95 15.00 15.05

Time-->

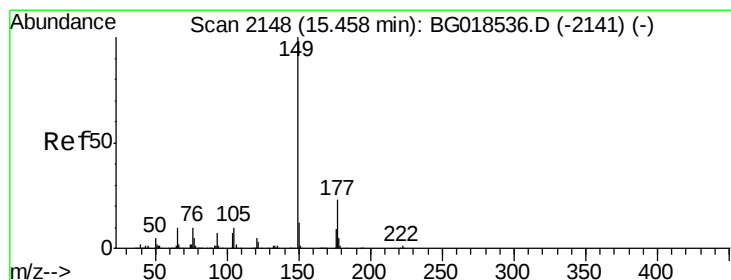
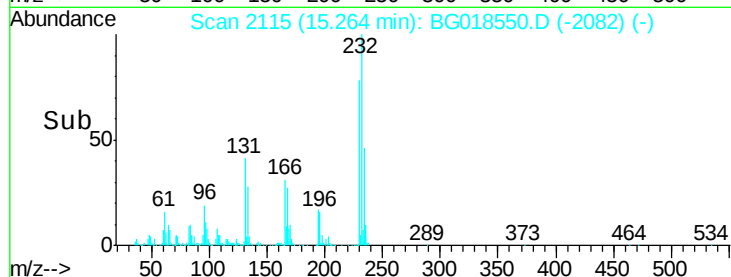
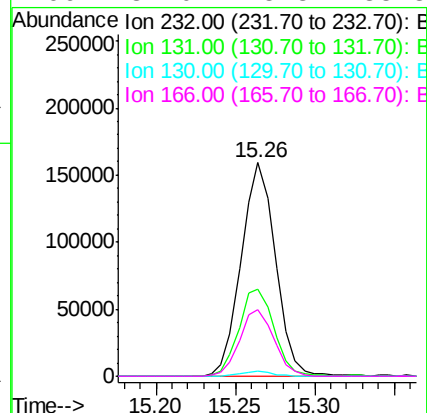
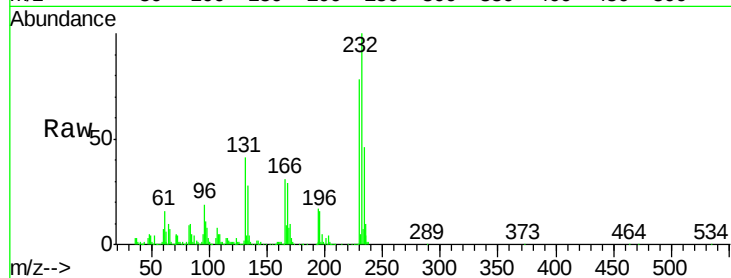




#56
 2,3,4,6-Tetrachlorophenol
 Concen: 21.42 ng/ul
 RT: 15.26 min Scan# 2115
 Delta R.T. -0.01 min
 Lab File: BG018550.D
 Acq: 29 Aug 2015 23:50

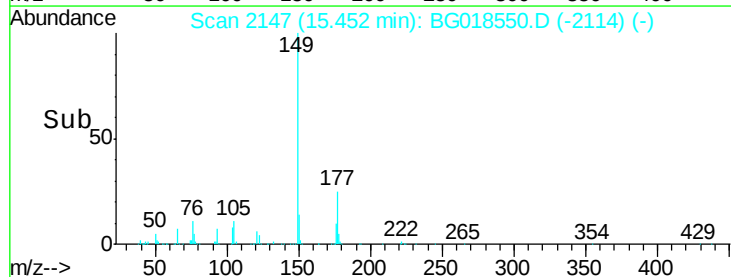
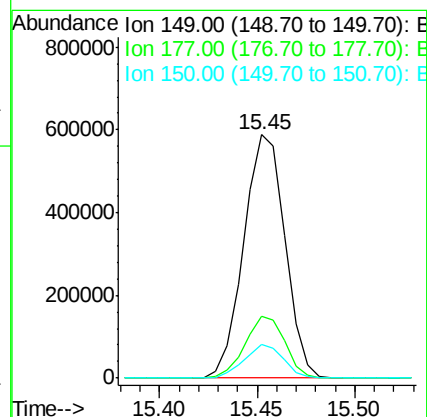
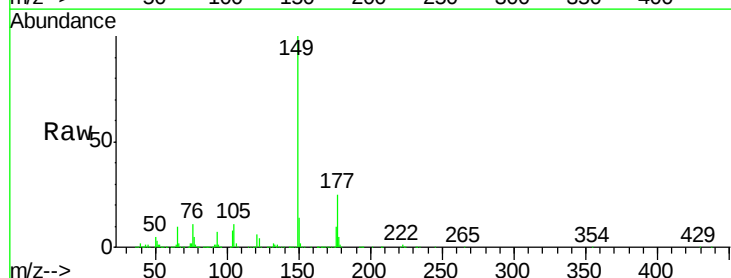
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02019

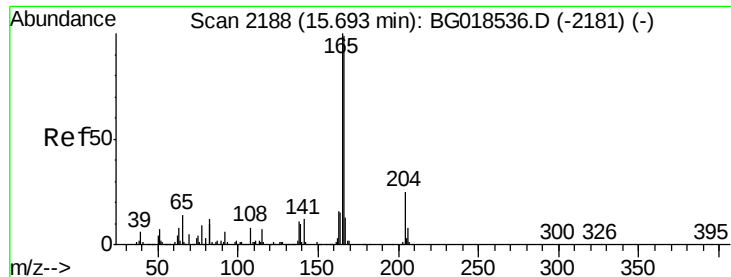
Tgt Ion:	232	Resp:	239029
Ion	Ratio	Lower	Upper
232	100		
131	40.8	37.4	56.0
130	2.3	1.4	2.0#
166	31.0	25.8	38.8



#57
 Diethylphthalate
 Concen: 17.82 ng/ul
 RT: 15.45 min Scan# 2147
 Delta R.T. -0.01 min
 Lab File: BG018550.D
 Acq: 29 Aug 2015 23:50

Tgt Ion:	149	Resp:	857194
Ion	Ratio	Lower	Upper
149	100		
177	25.3	18.2	27.4
150	13.6	9.7	14.5





#59

Fluorene

Concen: 19.63 ng/ul

RT: 15.69 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BG018550.D

Acq: 29 Aug 2015 23:50

Instrument :

BNA_G

ClientSampleId :

SSTD02019

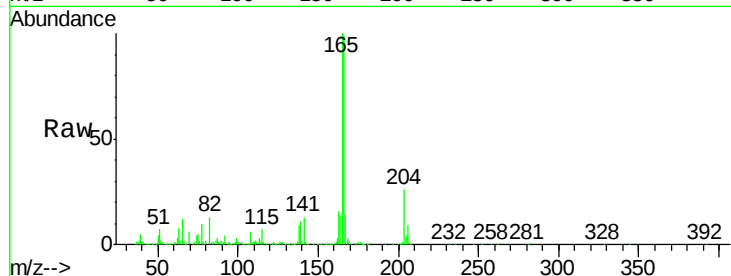
Tgt Ion:166 Resp: 897279

Ion Ratio Lower Upper

166 100

165 101.0 82.6 124.0

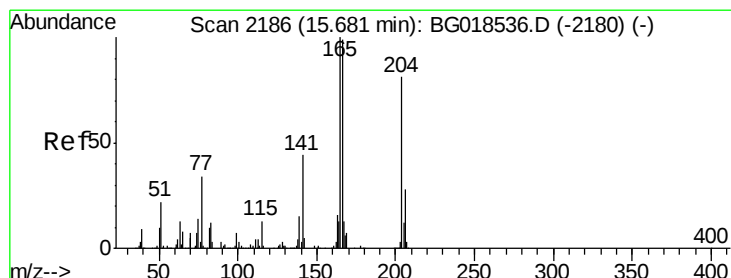
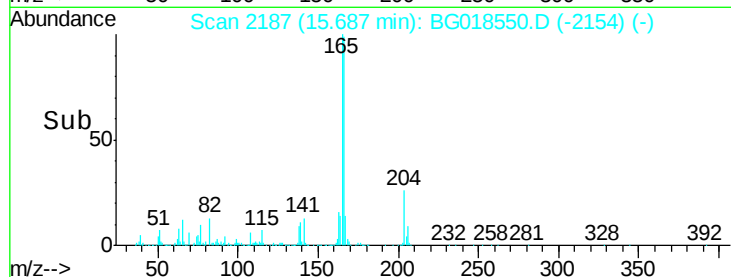
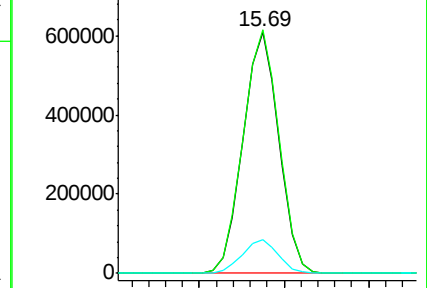
167 14.1 11.4 17.0



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



#60

4-Chlorophenyl-phenylether

Concen: 19.85 ng/ul

RT: 15.68 min Scan# 2185

Delta R.T. -0.01 min

Lab File: BG018550.D

Acq: 29 Aug 2015 23:50

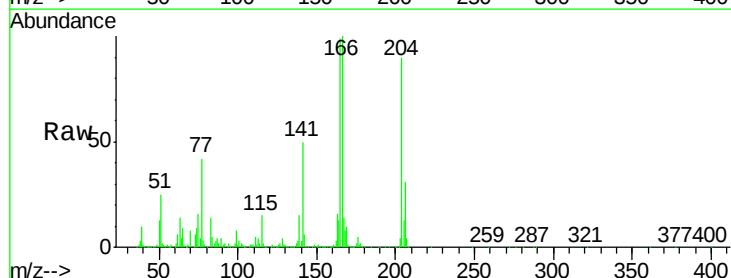
Tgt Ion:204 Resp: 429347

Ion Ratio Lower Upper

204 100

206 34.6 27.1 40.7

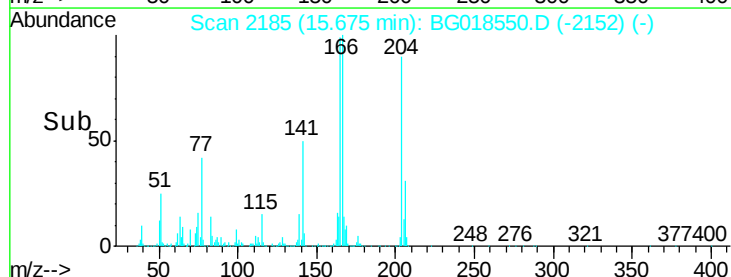
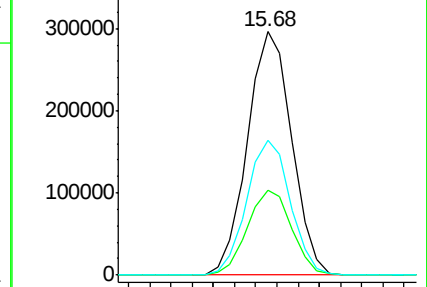
141 55.3 47.1 70.7

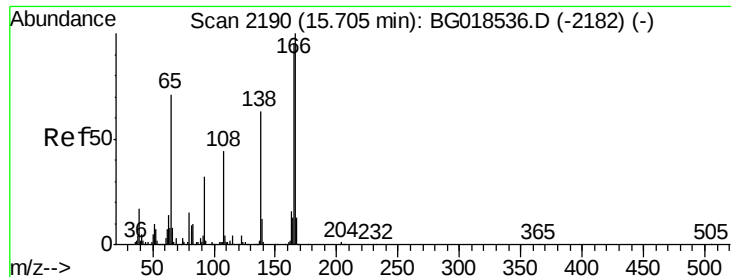


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

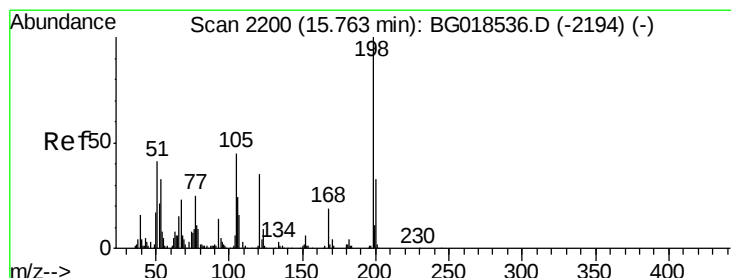
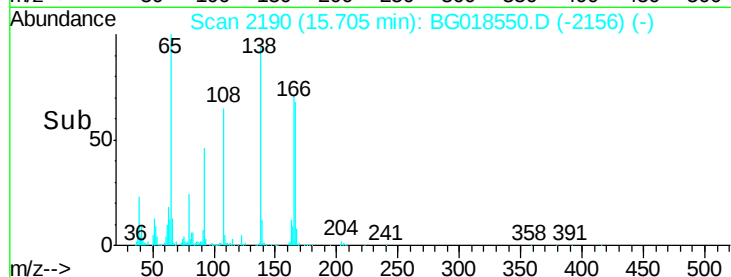
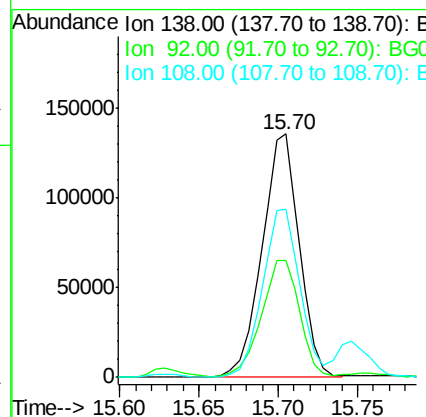
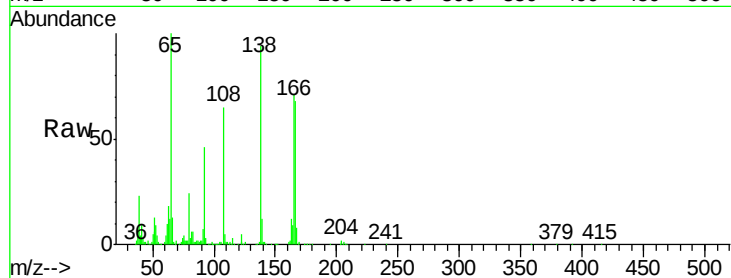




#61
4-Nitroaniline
Concen: 21.80 ng/ul
RT: 15.70 min Scan# 2190
Delta R.T. 0.00 min
Lab File: BG018550.D
Acq: 29 Aug 2015 23:50

Instrument :
BNA_G
ClientSampleId :
SSTD02019

Tgt Ion:138 Resp: 221391
Ion Ratio Lower Upper
138 100
92 48.3 44.0 66.0
108 69.2 64.6 97.0



#64
4,6-Dinitro-2-methylphenol
Concen: 21.85 ng/ul
RT: 15.76 min Scan# 2200
Delta R.T. 0.00 min
Lab File: BG018550.D
Acq: 29 Aug 2015 23:50

Tgt Ion:198 Resp: 139564
Ion Ratio Lower Upper
198 100
182 3.8 3.4 5.0
77 23.3 22.4 33.6

