

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032015\
 Data File : BG016089.D
 Acq On : 21 Mar 2015 5:46
 Operator : TP/IZ
 Sample : SSTD02030
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02030

Quant Time: Mar 21 07:28:07 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Mar 21 04:57:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	79783	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	352828	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.43	164	198689	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	375368	20.00	ng/ul	0.01
75) Chrysene-d12	21.34	240	396219	20.00	ng/ul	0.01
83) Perylene-d12	23.64	264	388059	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	14341	7.36	ng/uL	0.00
5) Phenol-d5	6.97	99	147330	20.74	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.14	67	80211	20.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	115304	20.90	ng/ul	0.01
13) 4-Methylphenol-d8	8.51	113	109709	20.36	ng/ul	0.01
19) Nitrobenzene-d5	8.96	128	59249	21.14	ng/ul	0.01
22) 2-Nitrophenol-d4	9.68	143	65113	24.24	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.21	165	108011	21.76	ng/ul	0.01
29) 4-Chloroaniline-d4	10.73	131	153487	22.42	ng/ul	0.01
43) Dimethylphthalate-d6	13.84	166	253082	19.54	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	379995	21.10	ng/ul	0.01
51) 4-Nitrophenol-d4	14.62	143	61208	19.78	ng/ul	0.01
57) Fluorene-d10	15.42	176	255665	19.74	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.55	200	25412	12.95	ng/ul	0.02
70) Anthracene-d10	17.27	188	352421	20.55	ng/ul	0.01
76) Pyrene-d10	19.56	212	349664	19.73	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.49	264	355056	20.98	ng/ul	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.32	88	16807	7.01	ng/uL#	93
4) Benzaldehyde	6.95	77	90495	21.93	ng/ul	97
6) Phenol	7.00	94	160954	20.51	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.23	93	121588	19.59	ng/ul	98
10) 2-Chlorophenol	7.37	128	119032	20.23	ng/ul	96
11) 2-Methylphenol	8.24	108	117446	20.55	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.34	45	147253	21.48	ng/ul	99
14) Acetophenone	8.62	105	165958	19.48	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.61	70	93110	20.16	ng/ul	98
16) 4-Methylphenol	8.57	108	129318	20.34	ng/ul	99
17) Hexachloroethane	8.88	117	48157	21.01	ng/ul	95
20) Nitrobenzene	9.00	77	133590	21.11	ng/ul	98
21) Isophorone	9.52	82	253685	20.21	ng/ul	99
23) 2-Nitrophenol	9.71	139	70039	22.40	ng/ul	98
24) 2,4-Dimethylphenol	9.77	107	128112	20.64	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.01	93	152475	19.56	ng/ul	99
27) 2,4-Dichlorophenol	10.24	162	106880	20.86	ng/ul	98
28) Naphthalene	10.64	128	386519	20.29	ng/ul	99
30) 4-Chloroaniline	10.75	127	153020	21.58	ng/ul	97
31) Hexachlorobutadiene	10.92	225	58615	20.89	ng/ul	98
32) Caprolactam	11.51	113	49528	20.43	ng/ul	98
33) 4-Chloro-3-methylphenol	11.88	107	117979	21.20	ng/ul	98
34) 2-Methylnaphthalene	12.25	142	268782	19.94	ng/ul	98

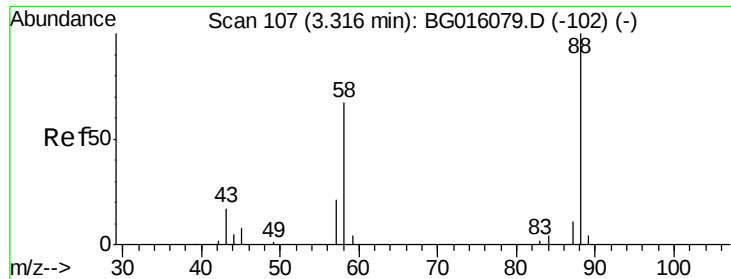
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	115040	21.74	ng/ul	99
37) Hexachlorocyclopentadiene	12.60	237	39239	13.59	ng/ul	99
38) 2,4,6-Trichlorophenol	12.86	196	78996	23.83	ng/ul	97
39) 2,4,5-Trichlorophenol	12.93	196	82446	22.82	ng/ul	93
40) 1,1'-Biphenyl	13.27	154	327124	21.00	ng/ul	99
41) 2-Chloronaphthalene	13.31	162	246302	20.96	ng/ul	98
42) 2-Nitroaniline	13.51	65	73827	22.54	ng/ul	94
44) Dimethylphthalate	13.88	163	288486	19.63	ng/ul	99
45) 2,6-Dinitrotoluene	14.01	165	66636	21.97	ng/ul	94
47) Acenaphthylene	14.15	152	423608	20.96	ng/ul	99
48) 3-Nitroaniline	14.34	138	80620	22.82	ng/ul	98
49) Acenaphthene	14.50	153	275427	20.35	ng/ul	98
50) 2,4-Dinitrophenol	14.55	184	17214	12.64	ng/ul	97
52) 4-Nitrophenol	14.64	109	32109	18.99	ng/ul	94
53) Dibenzofuran	14.83	168	362691	19.85	ng/ul	99
54) 2,4-Dinitrotoluene	14.79	165	90117	20.55	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.05	232	70885	22.40	ng/ul	99
56) Diethylphthalate	15.25	149	286208	18.97	ng/ul	99
58) Fluorene	15.48	166	309643	19.40	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.47	204	138467	19.21	ng/ul	99
60) 4-Nitroaniline	15.49	138	86601	20.66	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.56	198	27326	12.16	ng/ul	99
64) N-Nitrosodiphenylamine	15.69	169	261226	21.95	ng/ul	99
65) 4-Bromophenyl-phenylether	16.36	248	84244	21.62	ng/ul	99
66) Hexachlorobenzene	16.48	284	93151	21.15	ng/ul	97
67) Atrazine	16.63	200	87663	21.36	ng/ul	99
68) Pentachlorophenol	16.82	266	57380	23.93	ng/ul	98
69) Phenanthrene	17.22	178	432675	20.28	ng/ul	99
71) Anthracene	17.30	178	447694	20.67	ng/ul	100
72) Carbazole	17.57	167	416019	19.97	ng/ul	98
73) Di-n-butylphthalate	18.13	149	491306	20.43	ng/ul	99
74) Fluoranthene	19.22	202	462923	19.19	ng/ul	98
77) Pyrene	19.59	202	484591	19.88	ng/ul	100
78) Butylbenzylphthalate	20.48	149	230535	23.06	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.26	252	159597	24.66	ng/ul#	97
80) Benzo(a)anthracene	21.33	228	476373	21.22	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.25	149	330602	24.47	ng/ul	98
82) Chrysene	21.38	228	442856	20.74	ng/ul	100
84) Di-n-octyl phthalate	22.14	149	562006	24.56	ng/ul	100
85) Benzo(b)fluoranthene	22.94	252	480970	21.59	ng/ul#	96
86) Benzo(k)fluoranthene	22.98	252	456711	20.76	ng/ul#	94
88) Benzo(a)pyrene	23.54	252	447829	20.18	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	25.99	276	433187	16.87	ng/ul	98
90) Dibenzo(a,h)anthracene	26.00	278	393948	18.30	ng/ul	98
91) Benzo(g,h,i)perylene	26.71	276	330752	15.33	ng/ul	97

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



#2

1,4-Dioxane

Concen: 7.01 ng/uL

RT: 3.32 min Scan# 107

Delta R.T. 0.00 min

Lab File: BG016089.D

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SSTD02030

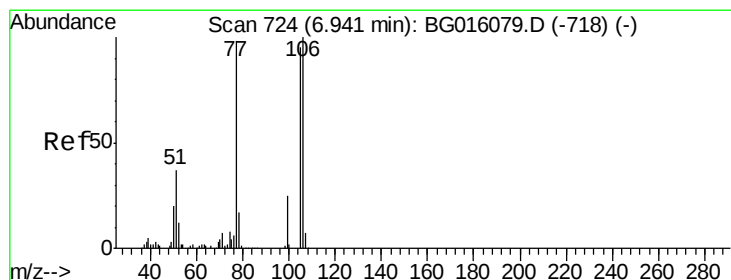
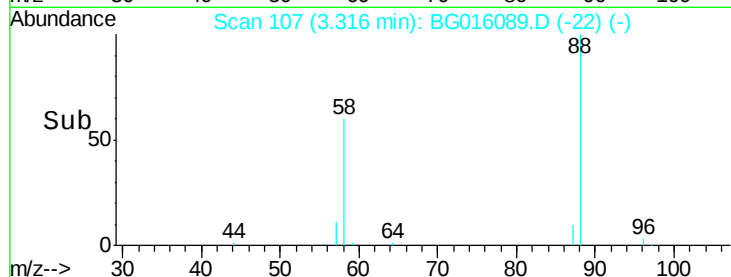
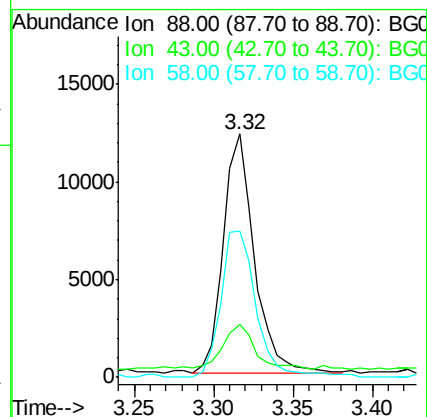
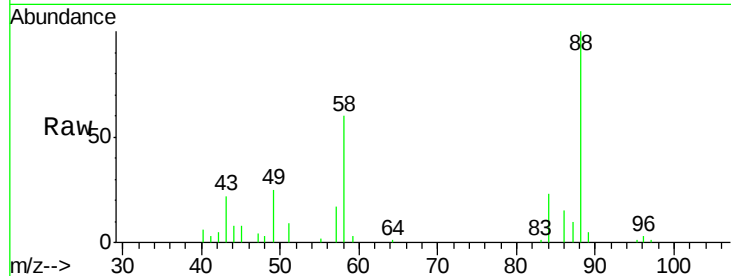
Tgt Ion: 88 Resp: 16807

Ion Ratio Lower Upper

88 100

43 17.2 18.5 27.7#

58 67.4 50.6 75.8



#4

Benzaldehyde

Concen: 21.93 ng/uL

RT: 6.95 min Scan# 726

Delta R.T. 0.01 min

Lab File: BG016089.D

Acq: 21 Mar 2015 5:46

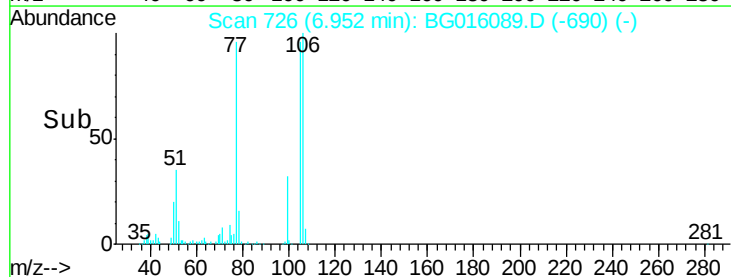
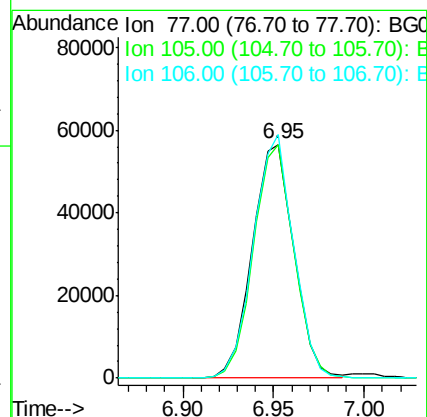
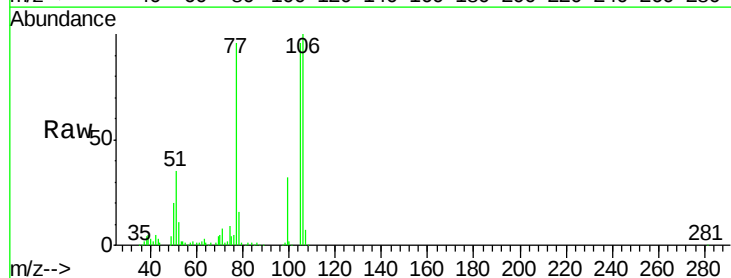
Tgt Ion: 77 Resp: 90495

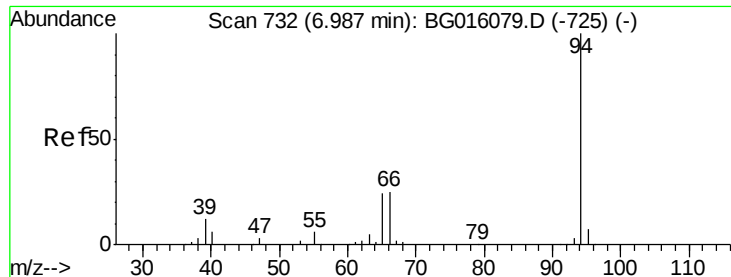
Ion Ratio Lower Upper

77 100

105 100.0 81.6 122.4

106 104.3 86.6 129.8





#6

Phenol

Concen: 20.51 ng/ul

RT: 7.00 min Scan# 734

Delta R.T. 0.01 min

Lab File: BG016089.D

Acq: 21 Mar 2015 5:46

Instrument :

BNA_G

ClientSampleId :

SSTD02030

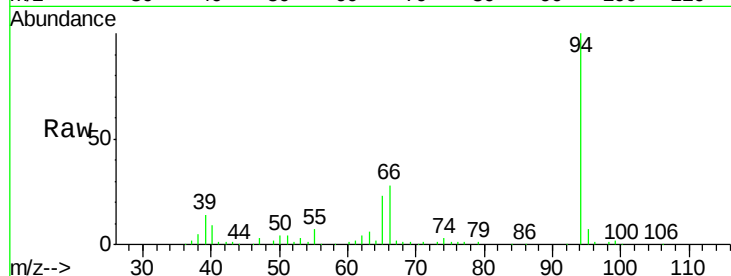
Tgt Ion: 94 Resp: 160954

Ion Ratio Lower Upper

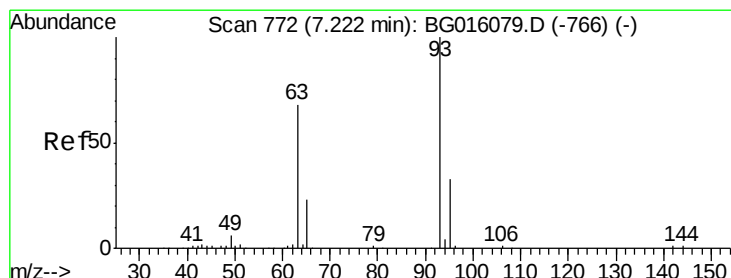
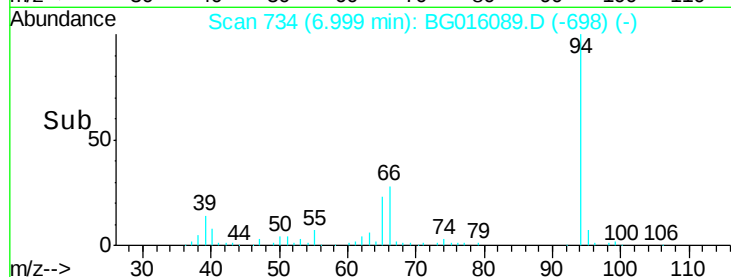
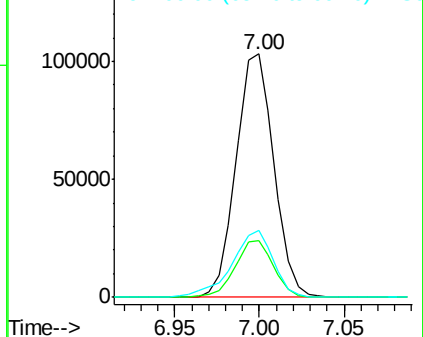
94 100

65 23.3 18.4 27.6

66 27.6 21.1 31.7



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#8

Bis(2-Chloroethyl)ether

Concen: 19.59 ng/ul

RT: 7.23 min Scan# 773

Delta R.T. 0.01 min

Lab File: BG016089.D

Acq: 21 Mar 2015 5:46

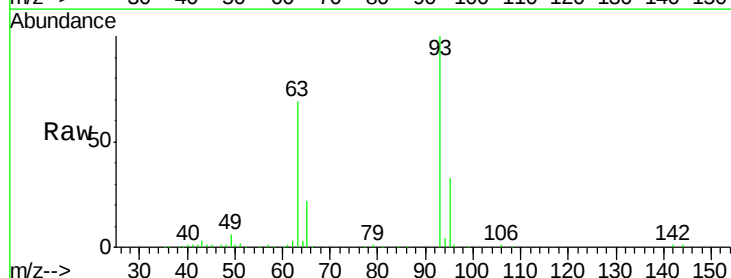
Tgt Ion: 93 Resp: 121588

Ion Ratio Lower Upper

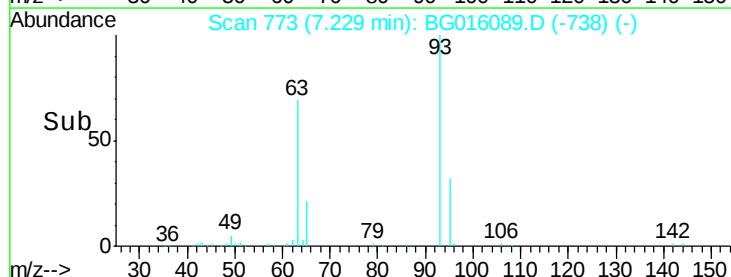
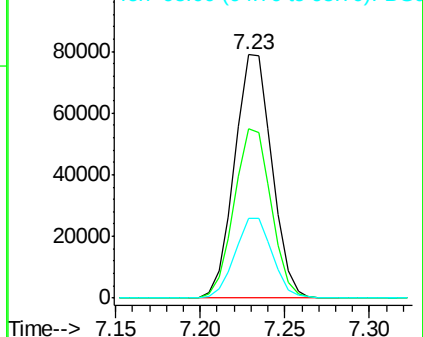
93 100

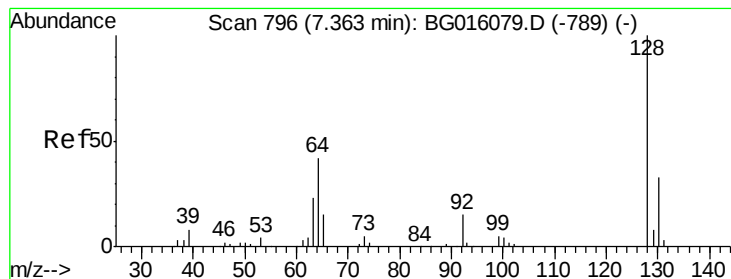
63 69.5 53.5 80.3

95 32.7 26.2 39.4



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: 20.23 ng/ul

RT: 7.37 min Scan# 797

Delta R.T. 0.01 min

Lab File: BG016089.D

Acq: 21 Mar 2015 5:46

Instrument :

BNA_G

ClientSampleId :

SSTD02030

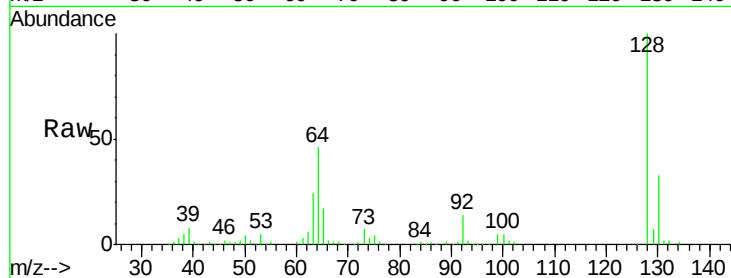
Tgt Ion:128 Resp: 119032

Ion Ratio Lower Upper

128 100

64 46.1 34.1 51.1

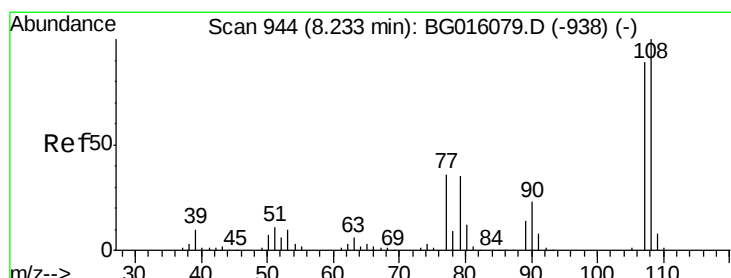
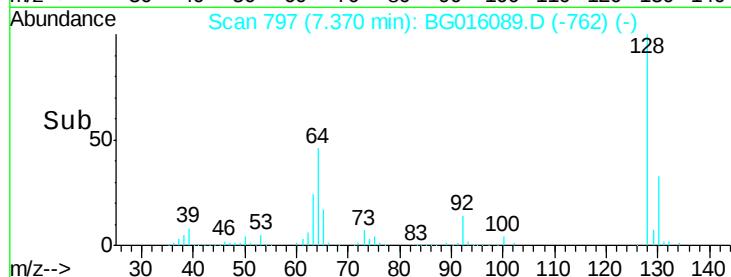
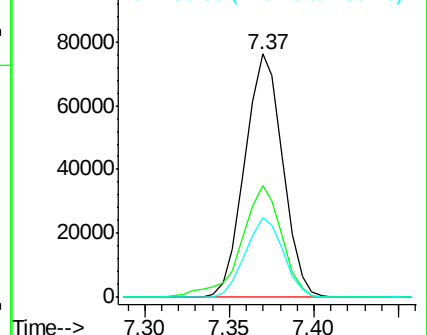
130 32.9 25.3 37.9



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: 20.55 ng/ul

RT: 8.24 min Scan# 946

Delta R.T. 0.01 min

Lab File: BG016089.D

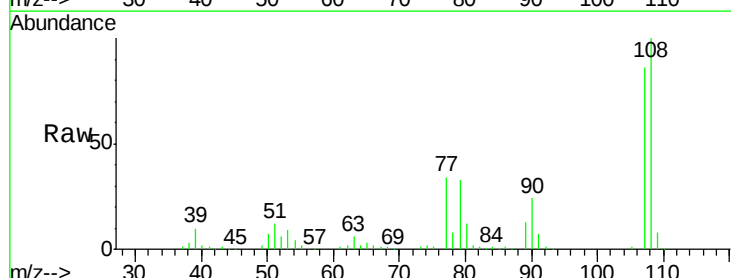
Acq: 21 Mar 2015 5:46

Tgt Ion:108 Resp: 117446

Ion Ratio Lower Upper

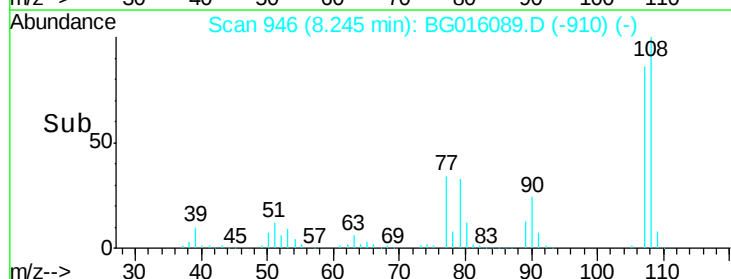
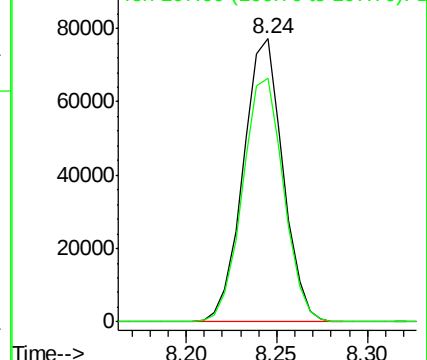
108 100

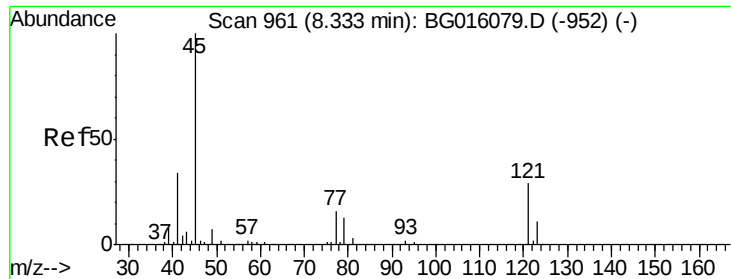
107 86.2 71.0 106.4



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

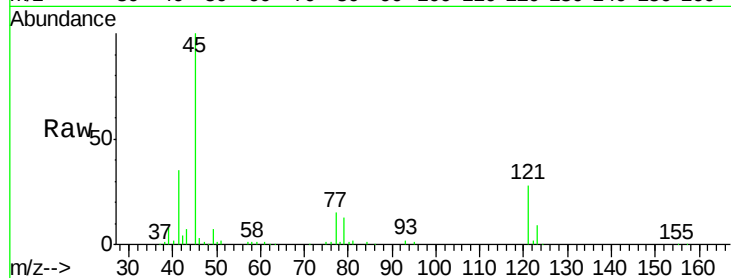




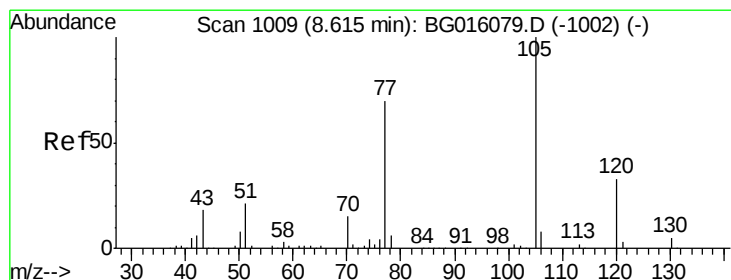
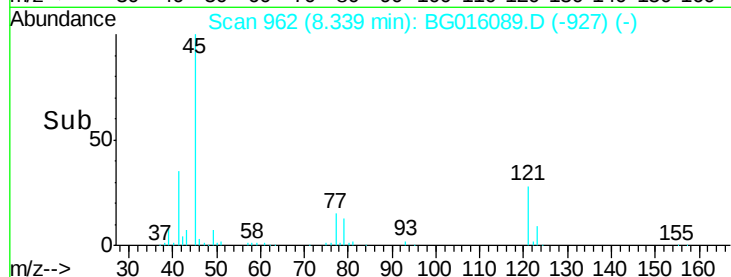
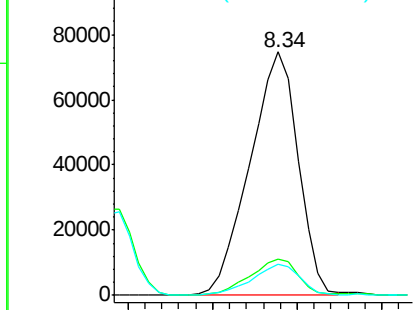
#12
2,2'-oxybis(1-Chloropropane)
Concen: 21.48 ng/ul
RT: 8.34 min Scan# 962
Delta R.T. 0.01 min
Lab File: BG016089.D
Acq: 21 Mar 2015 5:46

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BNA_G
ClientSampleId :
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Tgt Ion: 45 Resp: 147253
Ion Ratio Lower Upper
45 100
77 15.0 12.3 18.5
79 12.6 10.6 16.0

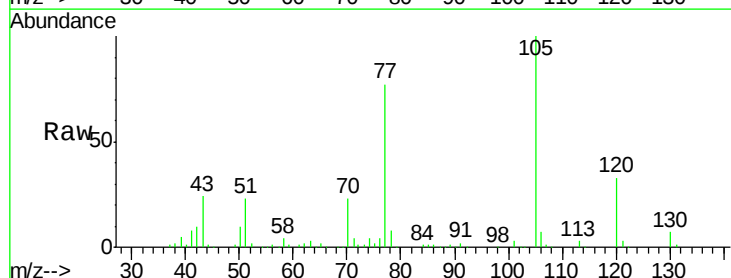


Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

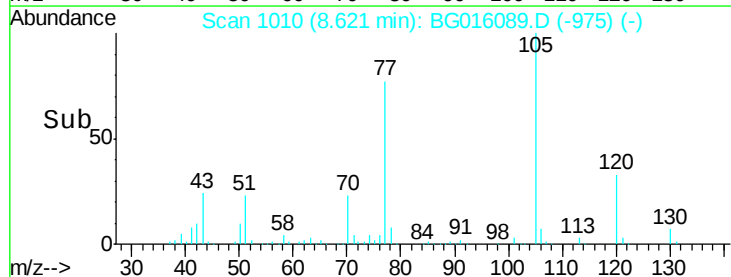
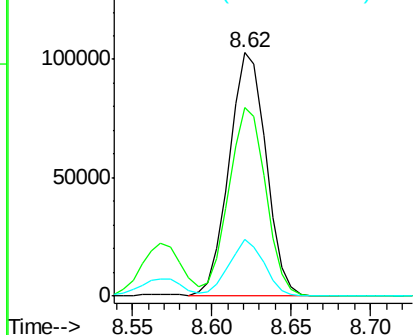


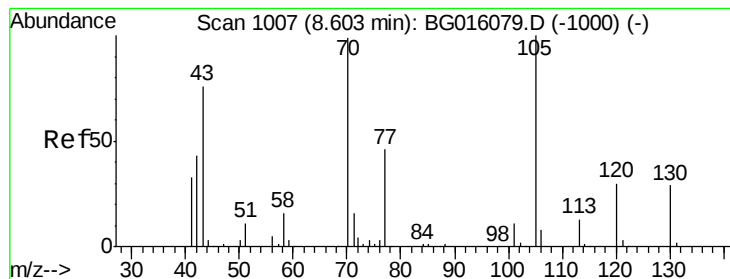
#14
Acetophenone
Concen: 19.48 ng/ul
RT: 8.62 min Scan# 1010
Delta R.T. 0.01 min
Lab File: BG016089.D
Acq: 21 Mar 2015 5:46

Tgt Ion: 105 Resp: 165958
Ion Ratio Lower Upper
105 100
77 77.5 57.8 86.8
51 23.5 16.5 24.7



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





#15

N-Nitroso-di-n-propylamine

Concen: 20.16 ng/ul

RT: 8.61 min Scan# 1008

Delta R.T. 0.01 min

Lab File: BG016089.D

Acq: 21 Mar 2015 5:46

Instrument :

BNA_G

ClientSampleId :

SSTD02030

Tgt Ion: 70 Resp: 93110

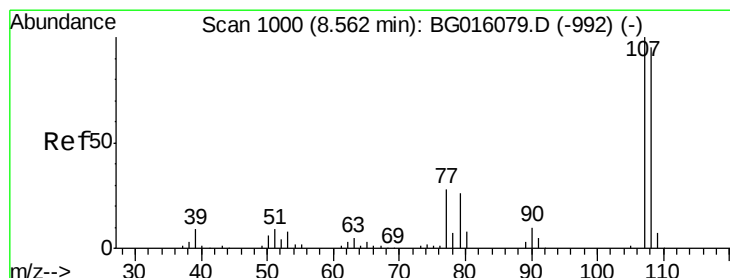
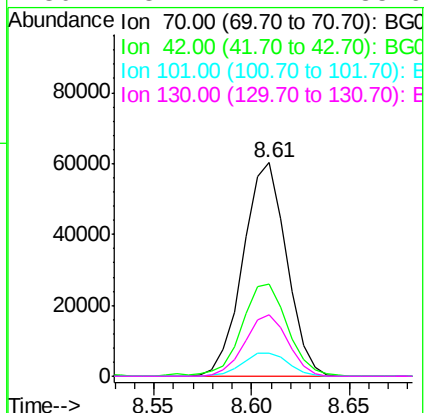
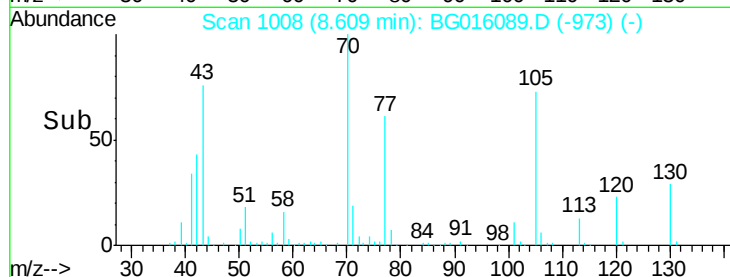
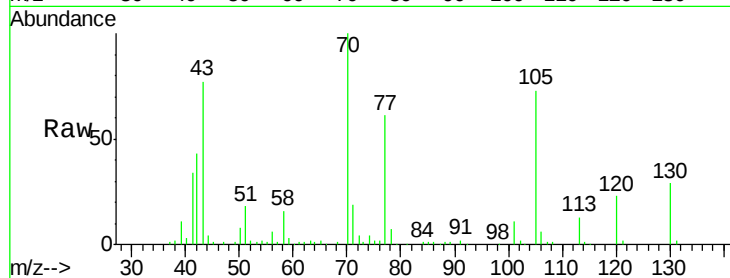
Ion Ratio Lower Upper

70 100

42 43.1 33.7 50.5

101 11.1 9.3 13.9

130 28.7 22.4 33.6



#16

4-Methylphenol

Concen: 20.34 ng/ul

RT: 8.57 min Scan# 1001

Delta R.T. 0.01 min

Lab File: BG016089.D

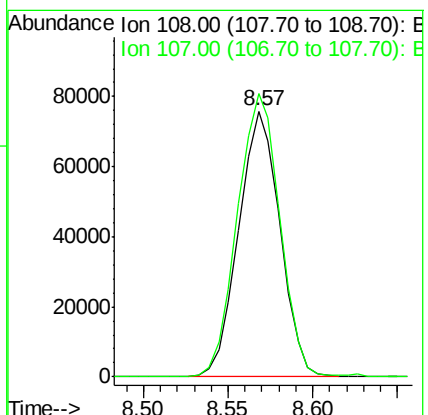
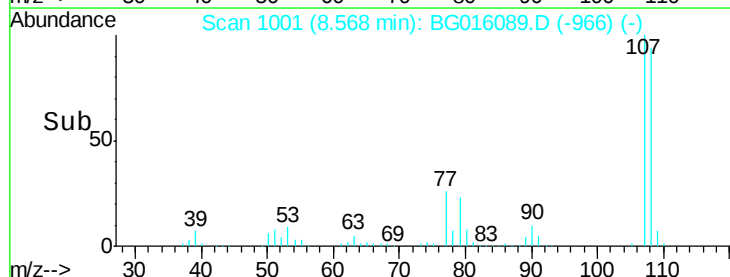
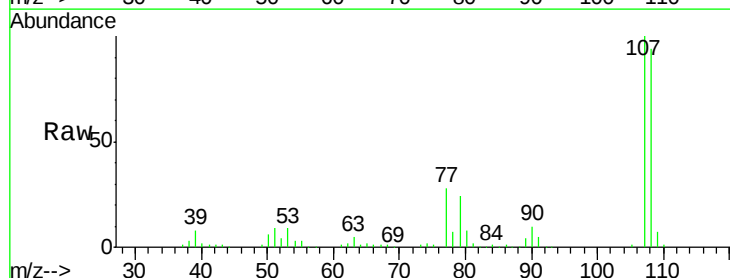
Acq: 21 Mar 2015 5:46

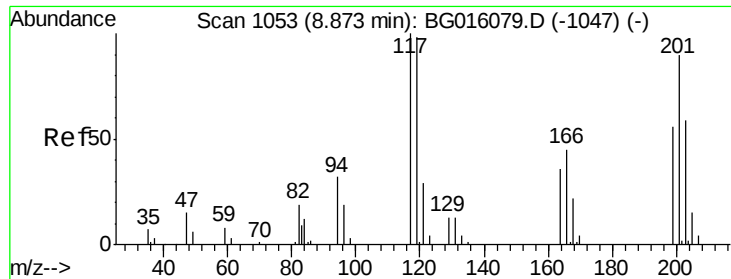
Tgt Ion: 108 Resp: 129318

Ion Ratio Lower Upper

108 100

107 106.6 86.2 129.2

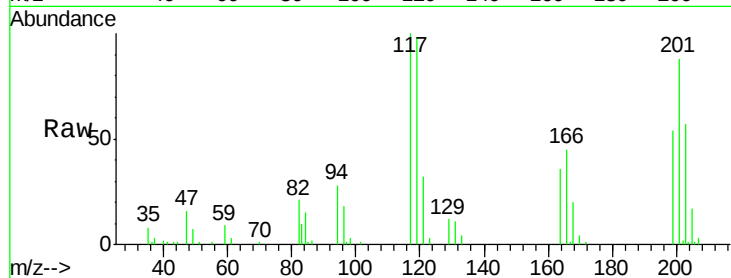




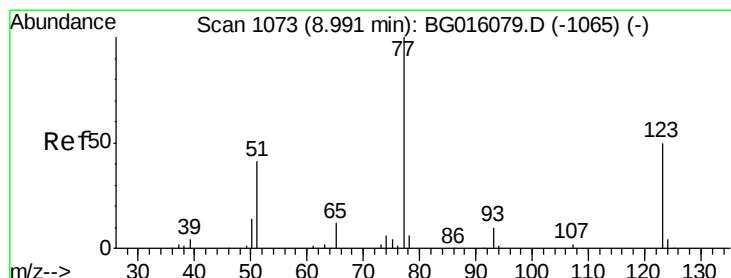
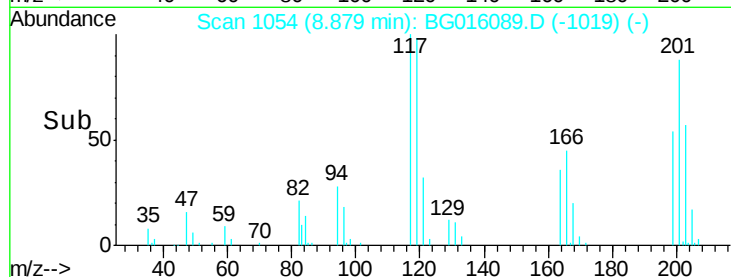
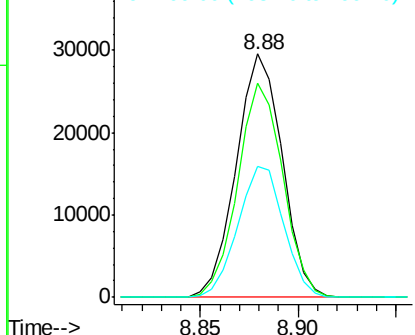
#17
Hexachloroethane
Concen: 21.01 ng/ul
RT: 8.88 min Scan# 1054
Delta R.T. 0.01 min
Lab File: BG016089.D
Acq: 21 Mar 2015 5:46

Instrument :
BNA_G
ClientSampleId :
SSTD02030

Tgt Ion: 117 Resp: 48157
Ion Ratio Lower Upper
117 100
201 88.0 65.0 97.6
199 53.9 43.3 64.9

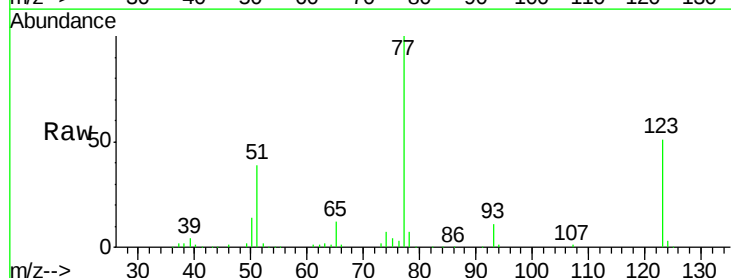


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

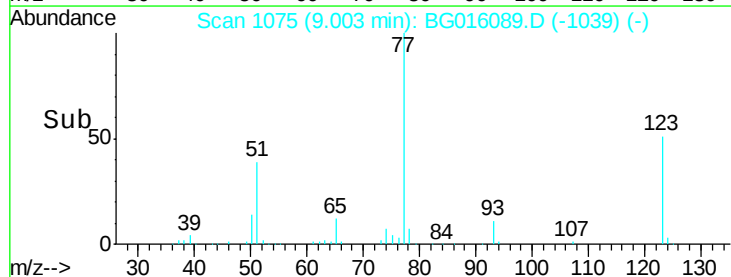
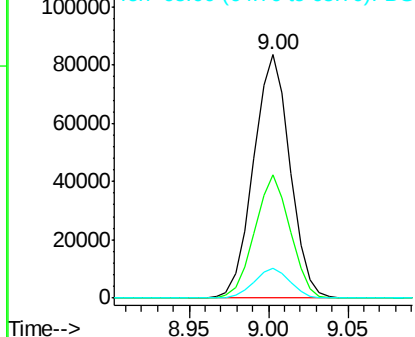


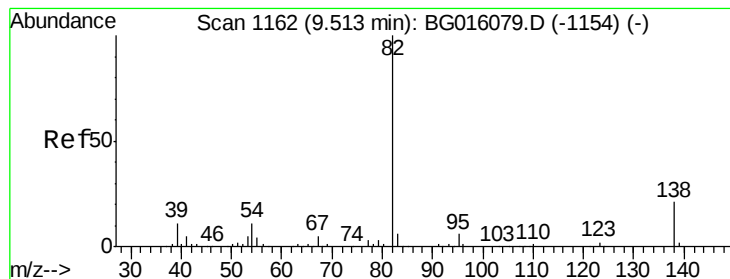
#20
Nitrobenzene
Concen: 21.11 ng/ul
RT: 9.00 min Scan# 1075
Delta R.T. 0.01 min
Lab File: BG016089.D
Acq: 21 Mar 2015 5:46

Tgt Ion: 77 Resp: 133590
Ion Ratio Lower Upper
77 100
123 50.8 39.5 59.3
65 12.1 9.0 13.4



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





#21

Isophorone

Concen: 20.21 ng/ul

RT: 9.52 min Scan# 1163

Delta R.T. 0.01 min

Lab File: BG016089.D

Acq: 21 Mar 2015 5:46

Instrument :

BNA_G

ClientSampleId :

SSTD02030

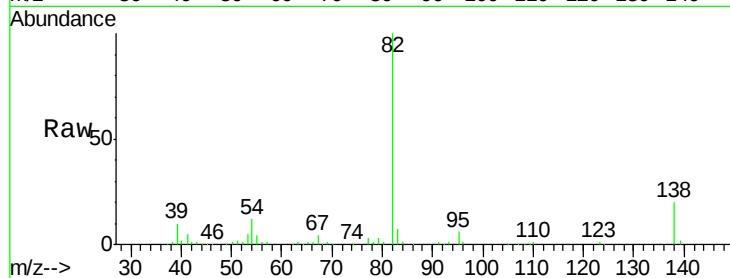
Tgt Ion: 82 Resp: 253685

Ion Ratio Lower Upper

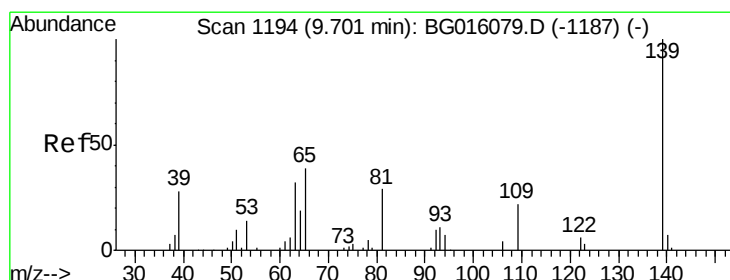
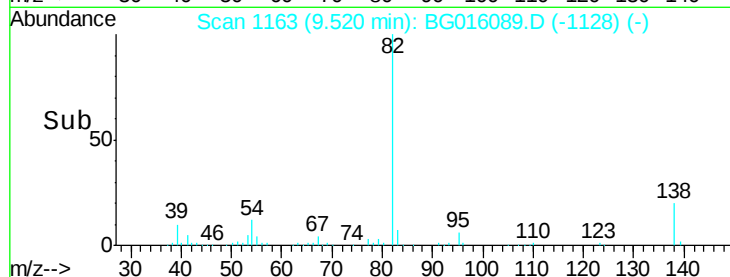
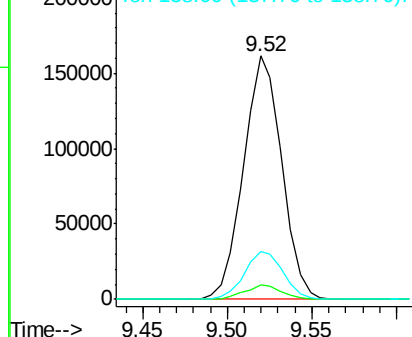
82 100

95 5.8 4.9 7.3

138 19.5 16.0 24.0



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: 22.40 ng/ul

RT: 9.71 min Scan# 1195

Delta R.T. 0.01 min

Lab File: BG016089.D

Acq: 21 Mar 2015 5:46

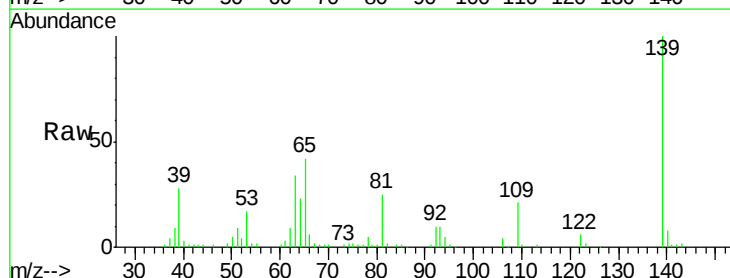
Tgt Ion: 139 Resp: 70039

Ion Ratio Lower Upper

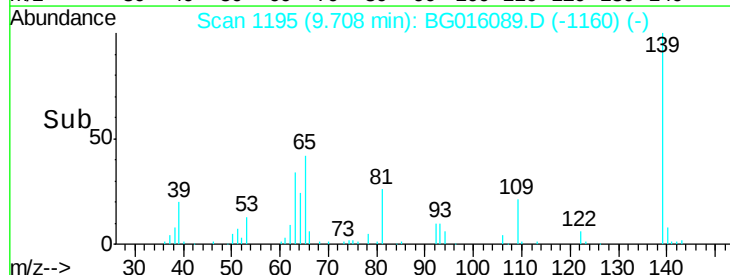
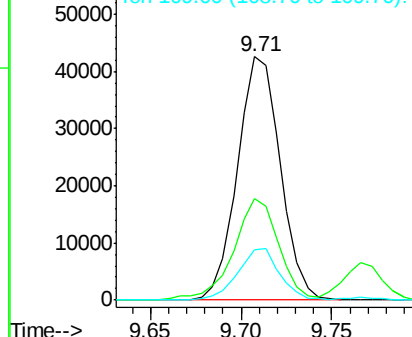
139 100

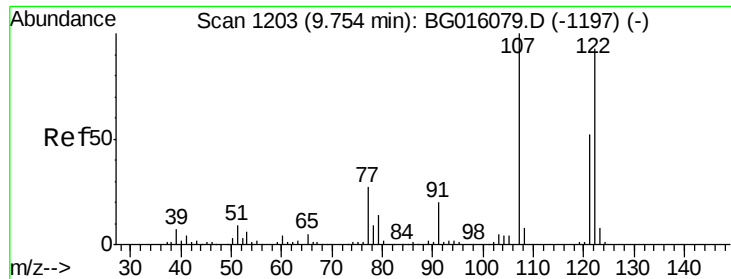
65 41.9 33.8 50.6

109 20.9 14.5 21.7



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

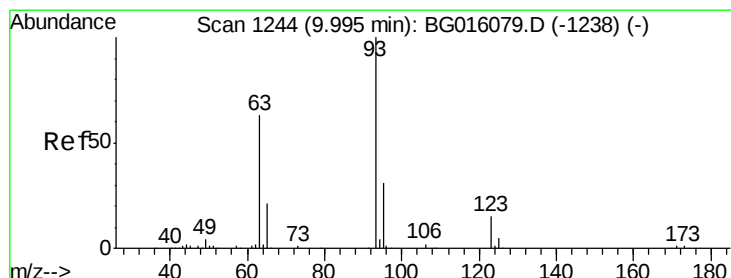
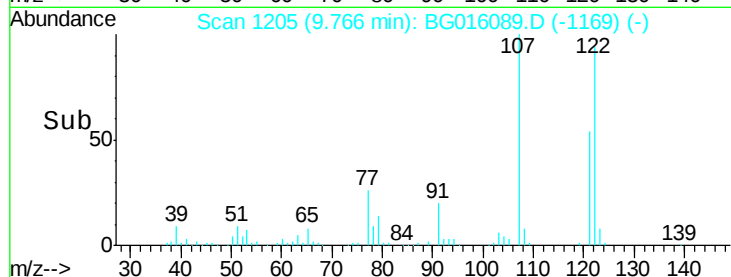
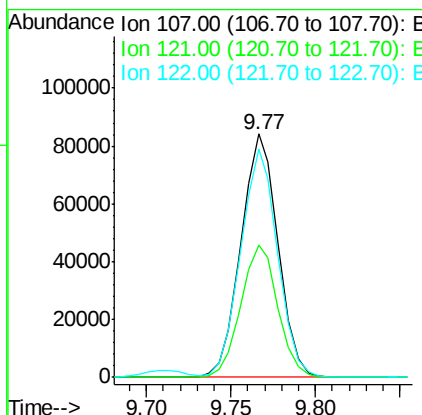
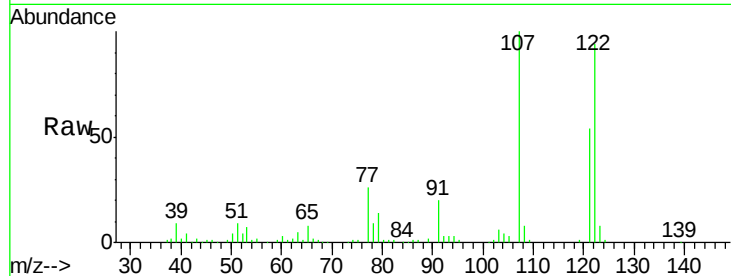




#24
 2,4-Dimethylphenol
 Concen: 20.64 ng/ul
 RT: 9.77 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BG016089.D
 Acq: 21 Mar 2015 5:46

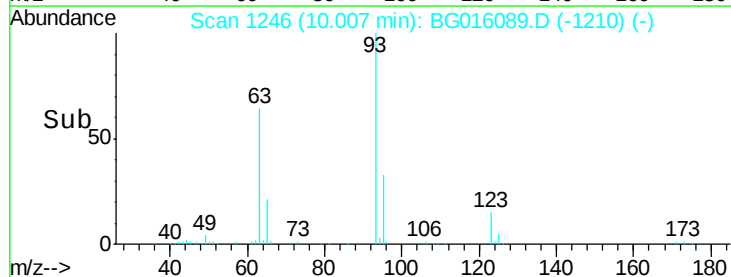
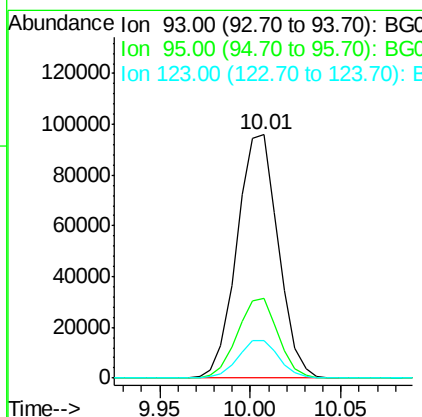
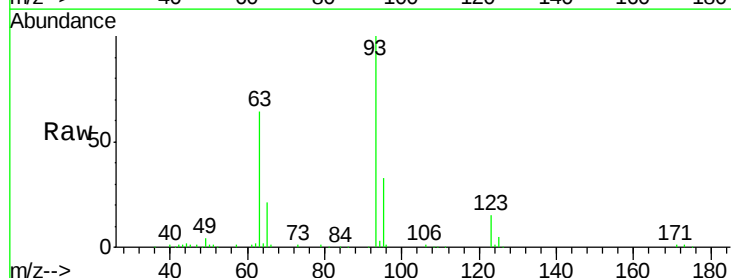
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02030

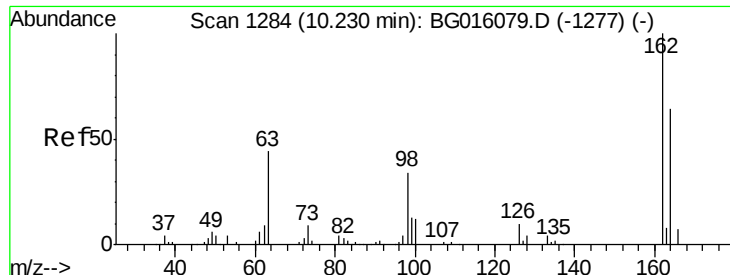
Tgt Ion: 107 Resp: 128112
 Ion Ratio Lower Upper
 107 100
 121 54.1 45.1 67.7
 122 93.8 79.2 118.8



#25
 Bis(2-Chloroethoxy)methane
 Concen: 19.56 ng/ul
 RT: 10.01 min Scan# 1246
 Delta R.T. 0.01 min
 Lab File: BG016089.D
 Acq: 21 Mar 2015 5:46

Tgt Ion: 93 Resp: 152475
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.1 39.1
 123 15.5 11.9 17.9

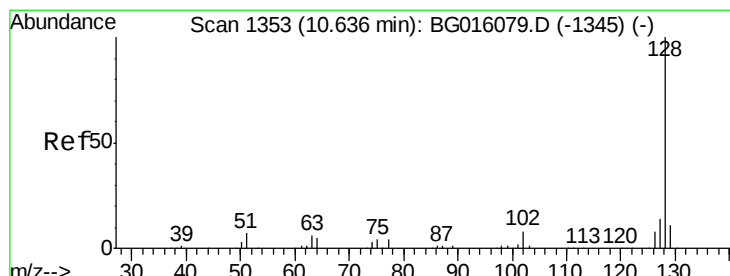
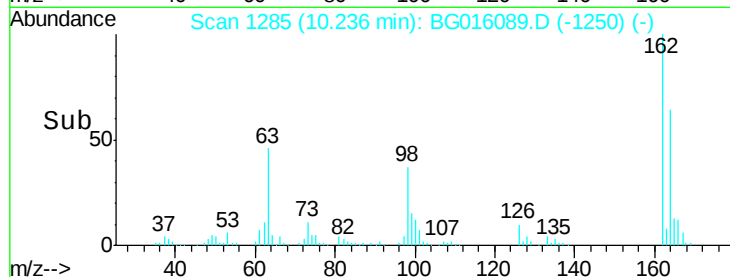
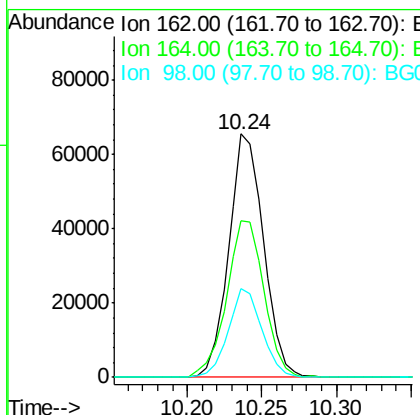
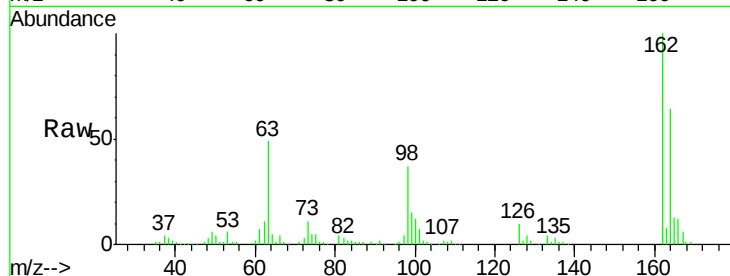




#27
 2,4-Dichlorophenol
 Concen: 20.86 ng/ul
 RT: 10.24 min Scan# 1285
 Delta R.T. 0.01 min
 Lab File: BG016089.D
 Acq: 21 Mar 2015 5:46

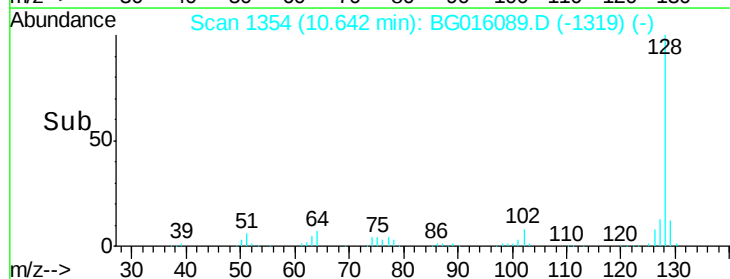
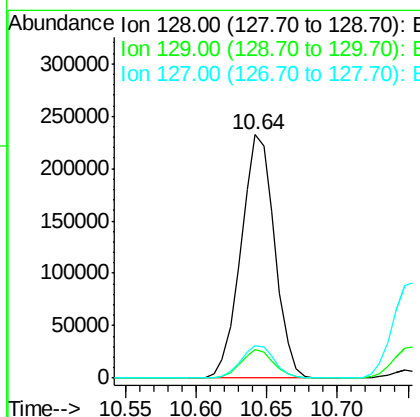
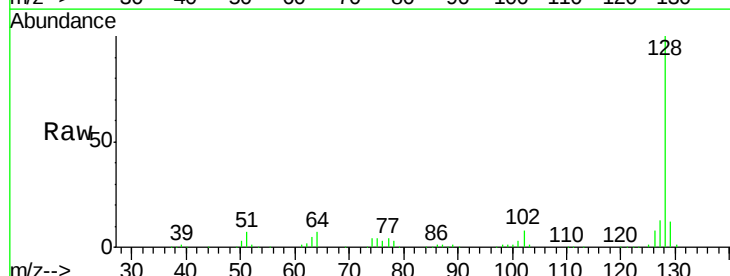
Instrument :
 BNA_G
 ClientSampleId :
 SST02030

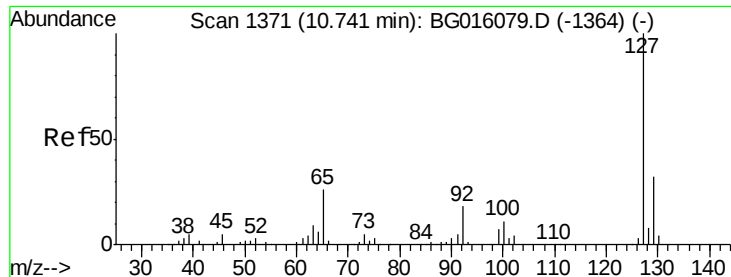
Tgt Ion:162 Resp: 106880
 Ion Ratio Lower Upper
 162 100
 164 64.1 52.2 78.4
 98 36.6 27.8 41.8



#28
 Naphthalene
 Concen: 20.29 ng/ul
 RT: 10.64 min Scan# 1354
 Delta R.T. 0.01 min
 Lab File: BG016089.D
 Acq: 21 Mar 2015 5:46

Tgt Ion:128 Resp: 386519
 Ion Ratio Lower Upper
 128 100
 129 11.8 9.0 13.4
 127 13.4 10.4 15.6

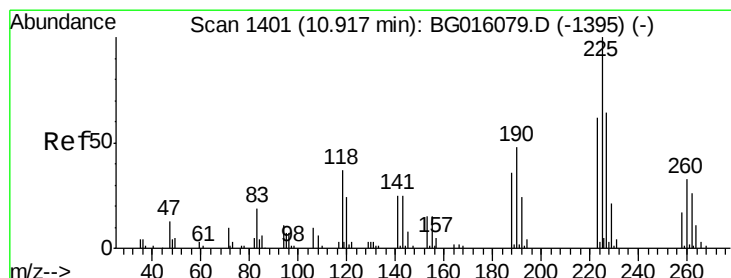
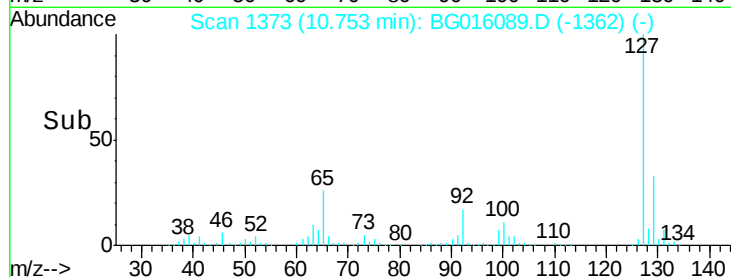
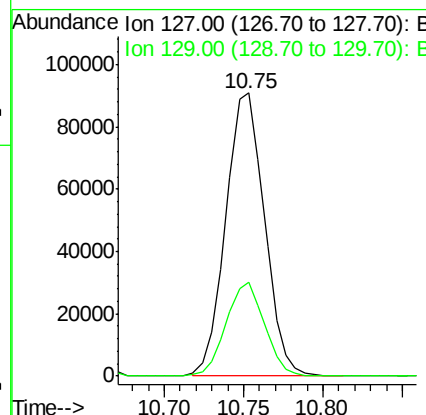
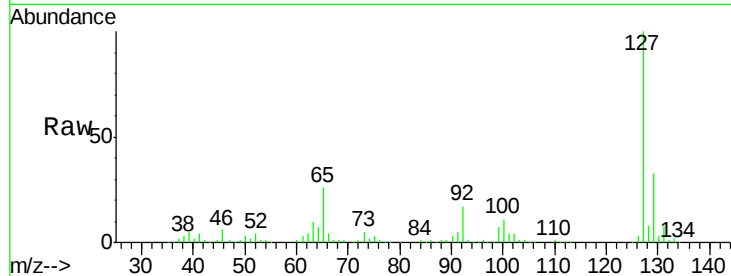




#30
4-Chloroaniline
Concen: 21.58 ng/ul
RT: 10.75 min Scan# 1373
Delta R.T. 0.01 min
Lab File: BG016089.D
Acq: 21 Mar 2015 5:46

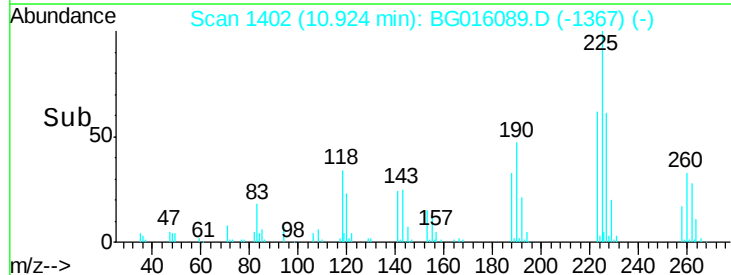
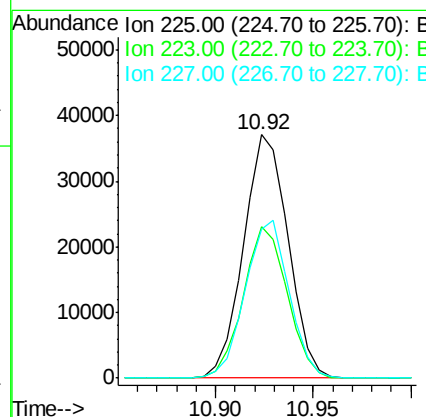
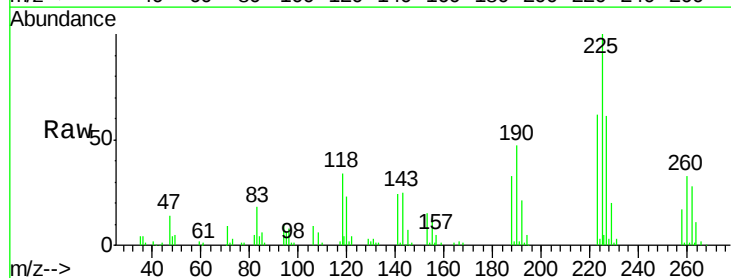
Instrument :
BNA_G
ClientSampleId :
SSTD02030

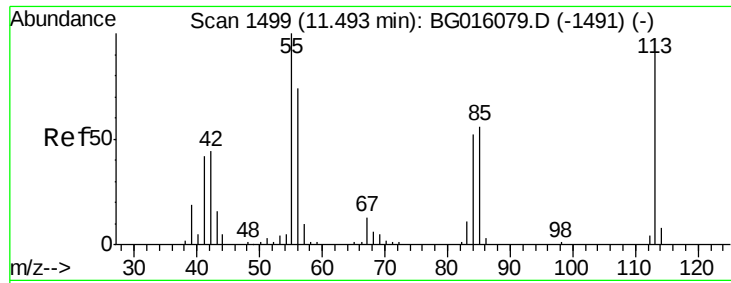
Tgt Ion:127 Resp: 153020
Ion Ratio Lower Upper
127 100
129 33.2 25.4 38.2



#31
Hexachlorobutadiene
Concen: 20.89 ng/ul
RT: 10.92 min Scan# 1402
Delta R.T. 0.01 min
Lab File: BG016089.D
Acq: 21 Mar 2015 5:46

Tgt Ion:225 Resp: 58615
Ion Ratio Lower Upper
225 100
223 62.4 51.0 76.6
227 61.3 50.2 75.2

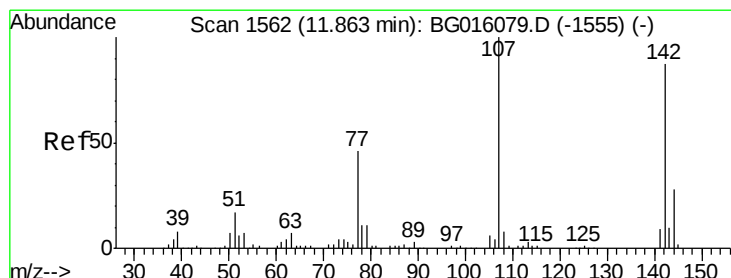
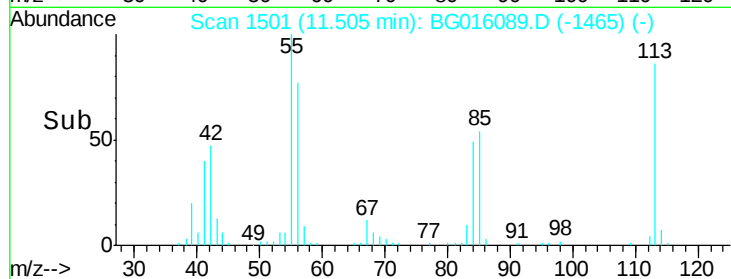
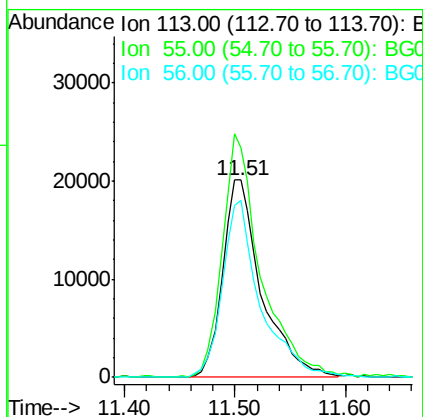
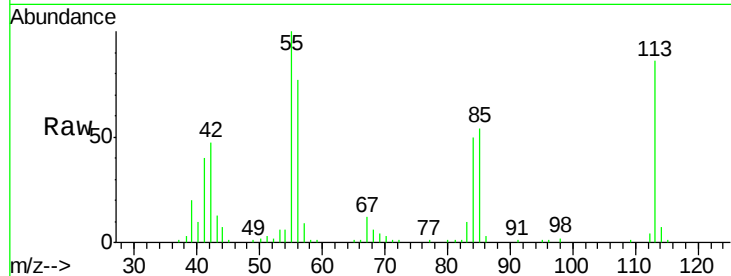




#32
 Caprolactam
 Concen: 20.43 ng/ul
 RT: 11.51 min Scan# 1501
 Delta R.T. 0.01 min
 Lab File: BG016089.D
 Acq: 21 Mar 2015 5:46

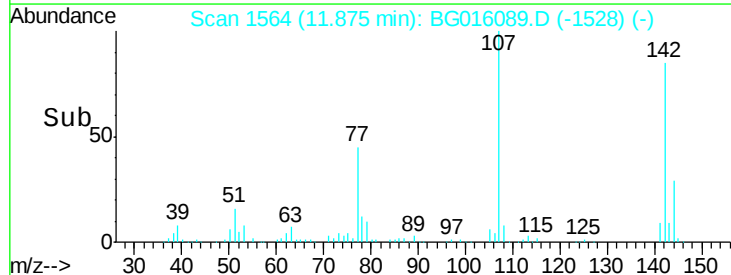
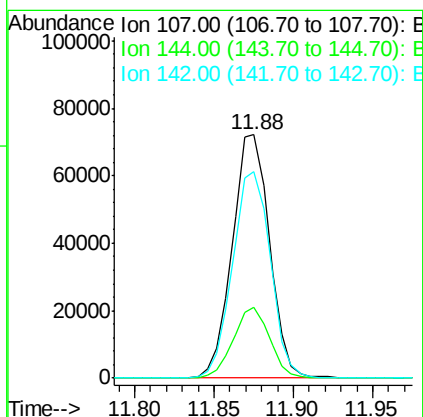
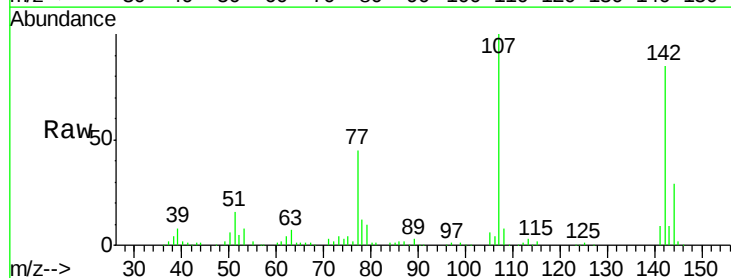
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02030

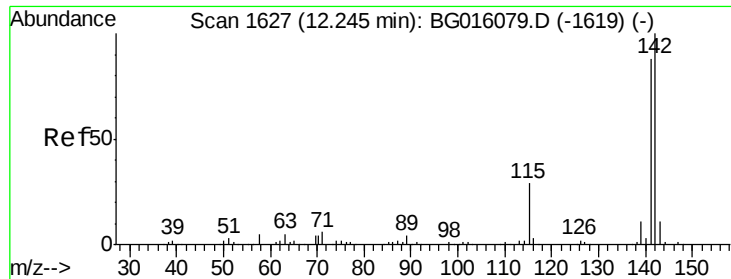
Tgt Ion:113 Resp: 49528
 Ion Ratio Lower Upper
 113 100
 55 116.7 94.8 142.2
 56 89.7 69.4 104.0



#33
 4-Chloro-3-methylphenol
 Concen: 21.20 ng/ul
 RT: 11.88 min Scan# 1564
 Delta R.T. 0.01 min
 Lab File: BG016089.D
 Acq: 21 Mar 2015 5:46

Tgt Ion:107 Resp: 117979
 Ion Ratio Lower Upper
 107 100
 144 28.9 23.8 35.8
 142 85.0 69.8 104.6

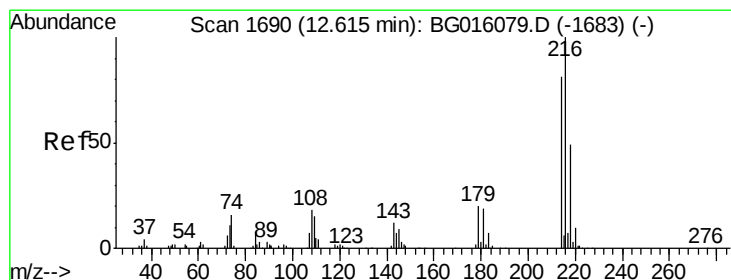
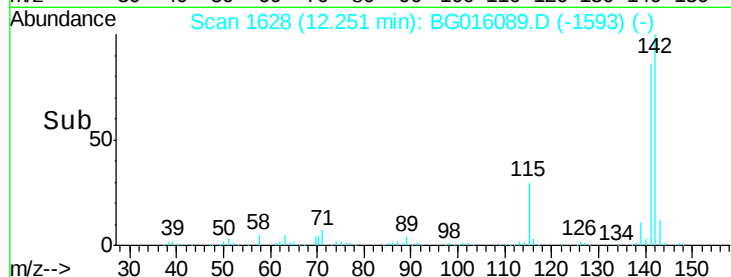
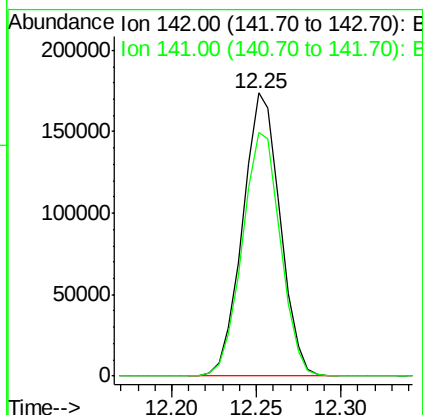
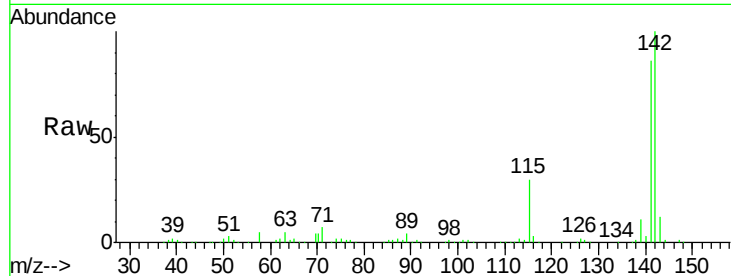




#34
 2-Methylnaphthalene
 Concen: 19.94 ng/uI
 RT: 12.25 min Scan# 1628
 Delta R.T. 0.01 min
 Lab File: BG016089.D
 Acq: 21 Mar 2015 5:46

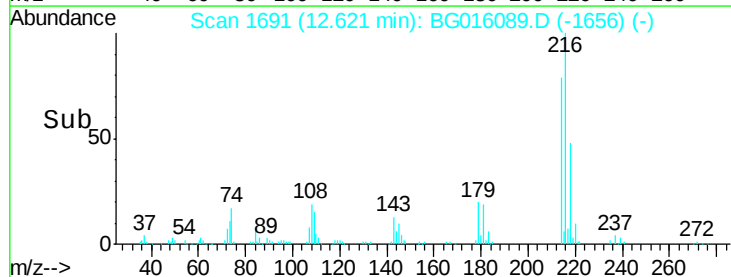
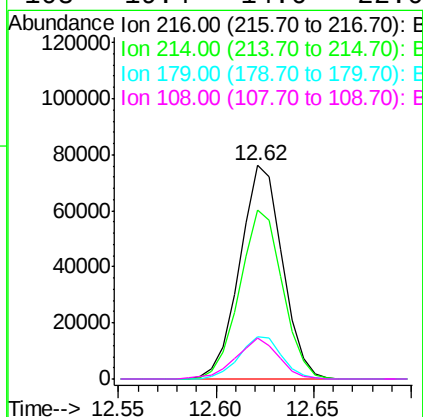
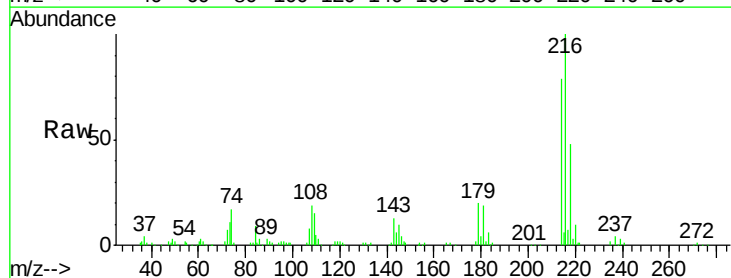
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02030

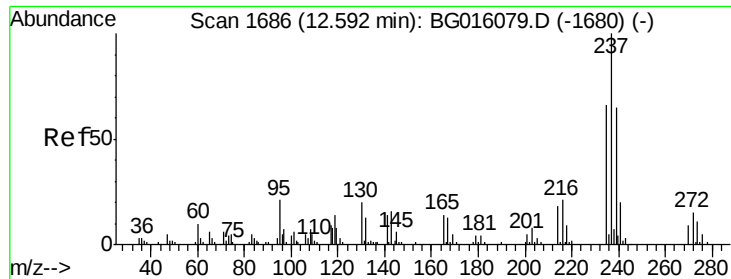
Tgt Ion:142 Resp: 268782
 Ion Ratio Lower Upper
 142 100
 141 86.2 70.2 105.2



#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 21.74 ng/uI
 RT: 12.62 min Scan# 1691
 Delta R.T. 0.01 min
 Lab File: BG016089.D
 Acq: 21 Mar 2015 5:46

Tgt Ion:216 Resp: 115040
 Ion Ratio Lower Upper
 216 100
 214 79.1 63.1 94.7
 179 19.8 16.2 24.4
 108 19.4 14.6 22.0

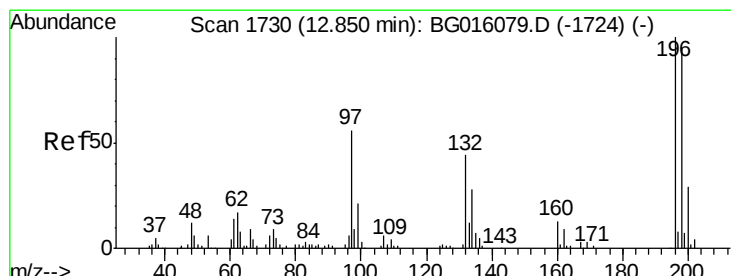
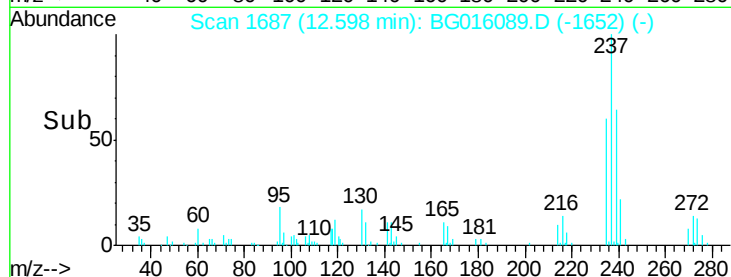
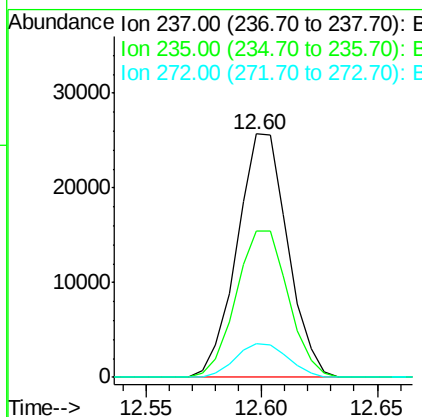
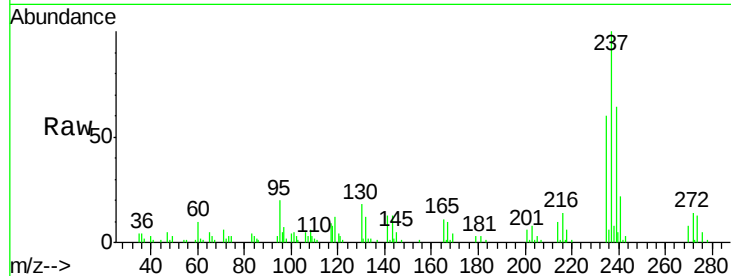




#37
Hexachlorocyclopentadiene
Concen: 13.59 ng/ul
RT: 12.60 min Scan# 1687
Delta R.T. 0.01 min
Lab File: BG016089.D
Acq: 21 Mar 2015 5:46

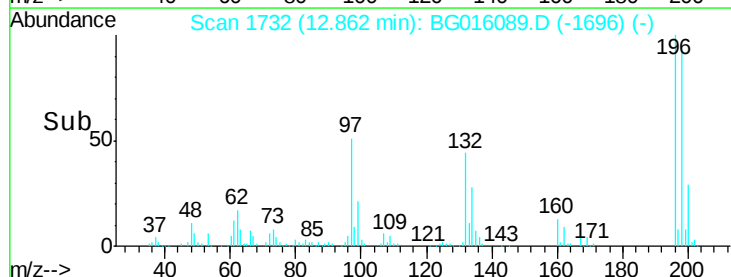
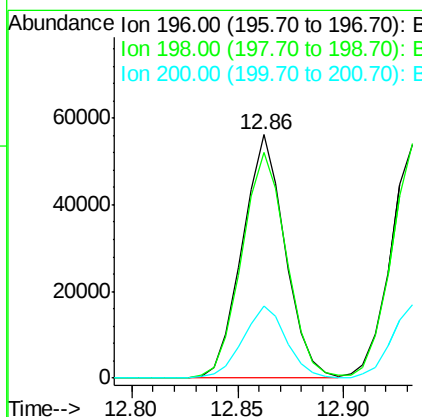
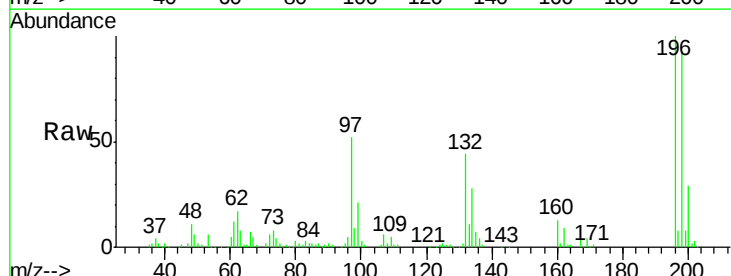
Instrument :
BNA_G
ClientSampleId :
SSTD02030

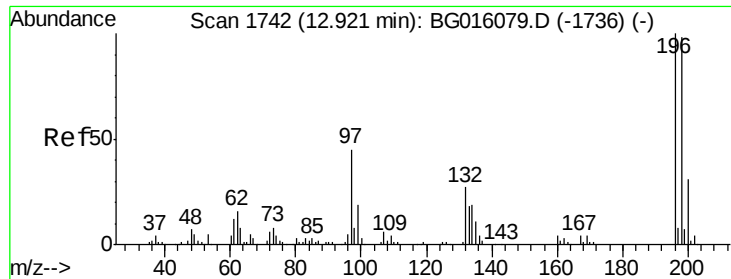
Tgt Ion:237 Resp: 39239
Ion Ratio Lower Upper
237 100
235 60.0 48.9 73.3
272 13.9 11.4 17.2



#38
2,4,6-Trichlorophenol
Concen: 23.83 ng/ul
RT: 12.86 min Scan# 1732
Delta R.T. 0.01 min
Lab File: BG016089.D
Acq: 21 Mar 2015 5:46

Tgt Ion:196 Resp: 78996
Ion Ratio Lower Upper
196 100
198 92.8 76.5 114.7
200 29.4 25.3 37.9

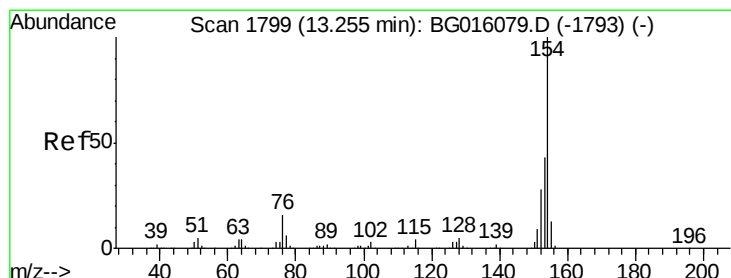
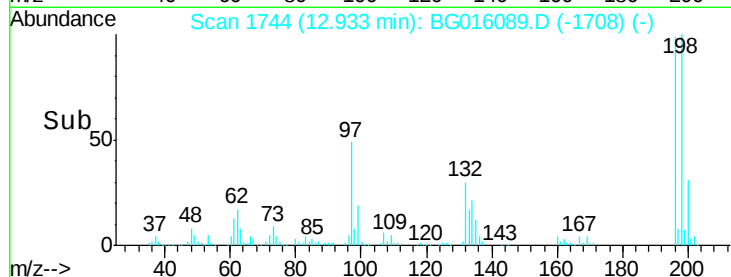
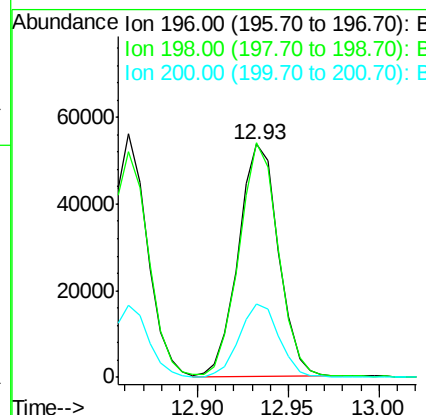
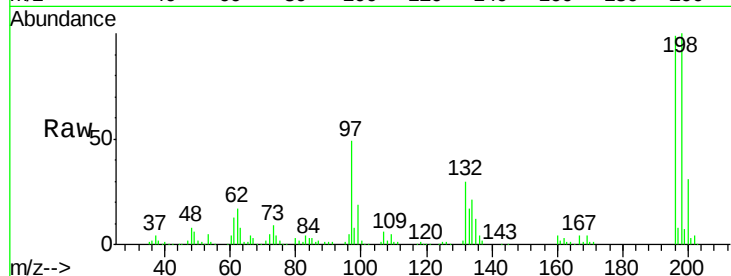




#39
 2,4,5-Trichlorophenol
 Concen: 22.82 ng/ul
 RT: 12.93 min Scan# 1744
 Delta R.T. 0.01 min
 Lab File: BG016089.D
 Acq: 21 Mar 2015 5:46

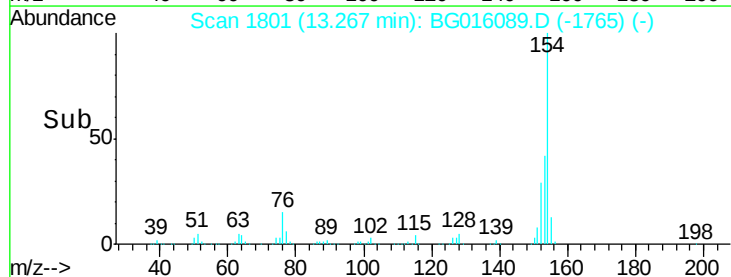
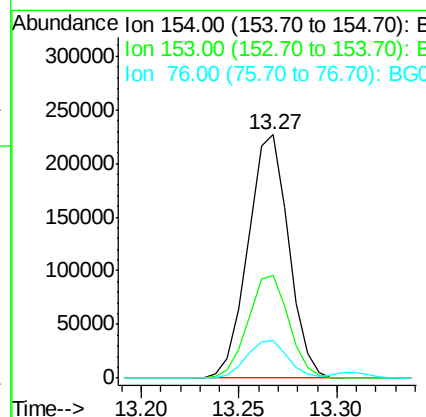
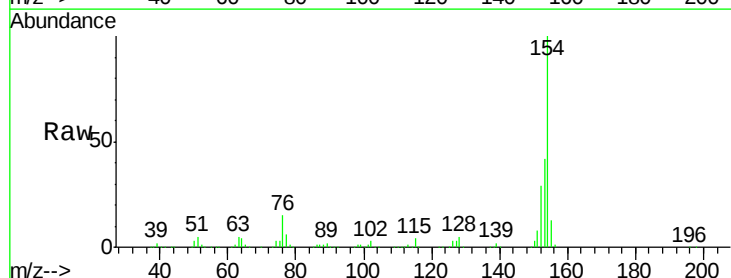
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02030

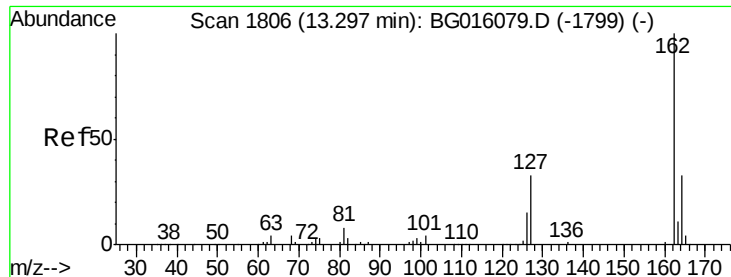
Tgt Ion:196 Resp: 82446
 Ion Ratio Lower Upper
 196 100
 198 100.5 73.7 110.5
 200 31.5 25.5 38.3



#40
 1,1'-Biphenyl
 Concen: 21.00 ng/ul
 RT: 13.27 min Scan# 1801
 Delta R.T. 0.01 min
 Lab File: BG016089.D
 Acq: 21 Mar 2015 5:46

Tgt Ion:154 Resp: 327124
 Ion Ratio Lower Upper
 154 100
 153 42.1 33.9 50.9
 76 15.2 12.6 19.0

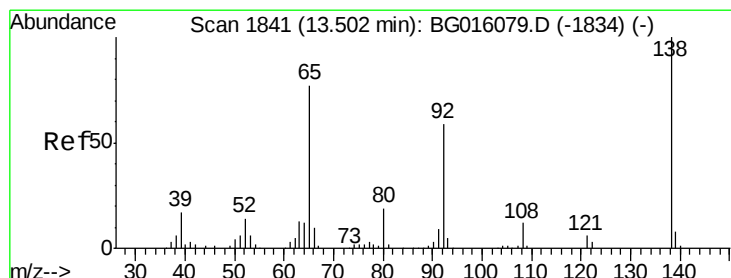
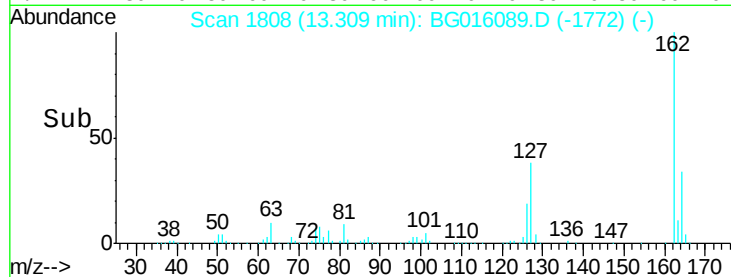
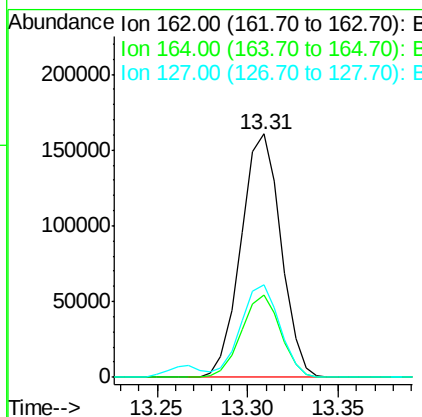
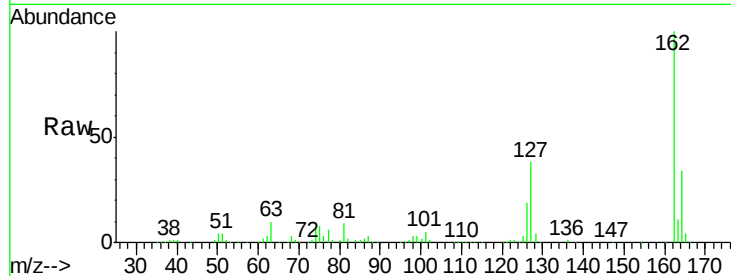




#41
2-Chloronaphthalene
Concen: 20.96 ng/ul
RT: 13.31 min Scan# 1808
Delta R.T. 0.01 min
Lab File: BG016089.D
Acq: 21 Mar 2015 5:46

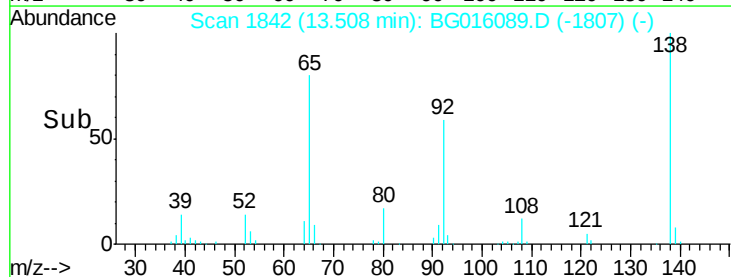
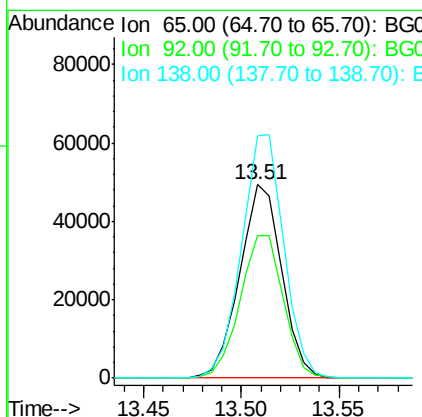
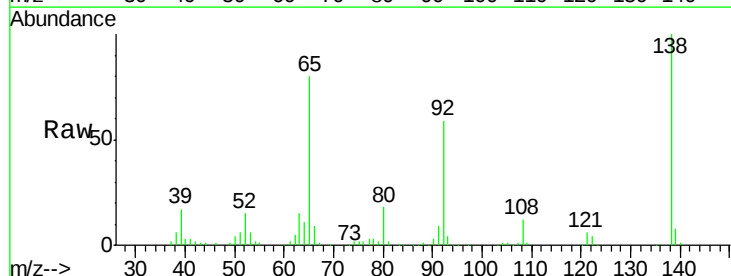
Instrument :
BNA_G
ClientSampleId :
SSTD02030

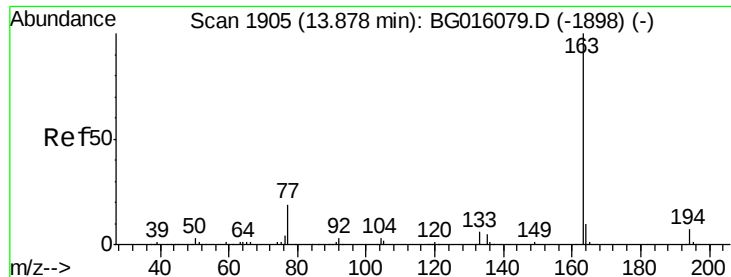
Tgt Ion: 162 Resp: 246302
Ion Ratio Lower Upper
162 100
164 33.9 25.8 38.6
127 37.8 31.3 46.9



#42
2-Nitroaniline
Concen: 22.54 ng/ul
RT: 13.51 min Scan# 1842
Delta R.T. 0.01 min
Lab File: BG016089.D
Acq: 21 Mar 2015 5:46

Tgt Ion: 65 Resp: 73827
Ion Ratio Lower Upper
65 100
92 73.5 63.5 95.3
138 125.4 105.1 157.7

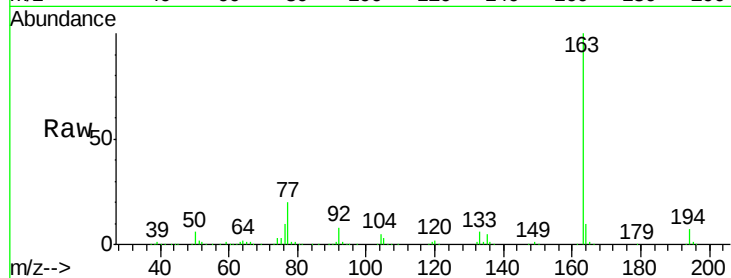




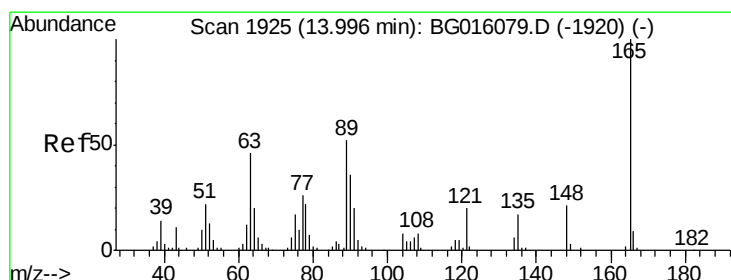
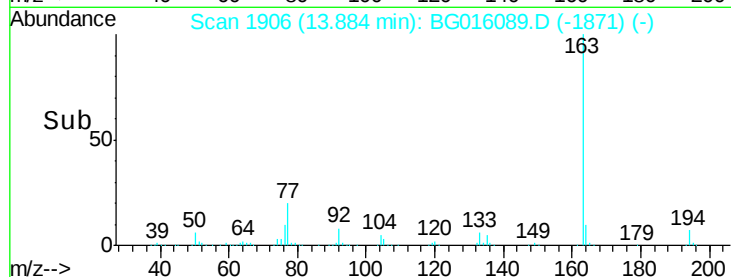
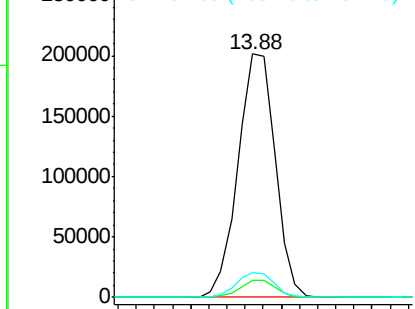
#44
Dimethylphthalate
Concen: 19.63 ng/ul
RT: 13.88 min Scan# 1906
Delta R.T. 0.01 min
Lab File: BG016089.D
Acq: 21 Mar 2015 5:46

Instrument :
BNA_G
ClientSampleId :
SSTD02030

Tgt Ion:163 Resp: 288486
Ion Ratio Lower Upper
163 100
194 6.8 5.4 8.0
164 10.0 8.2 12.4

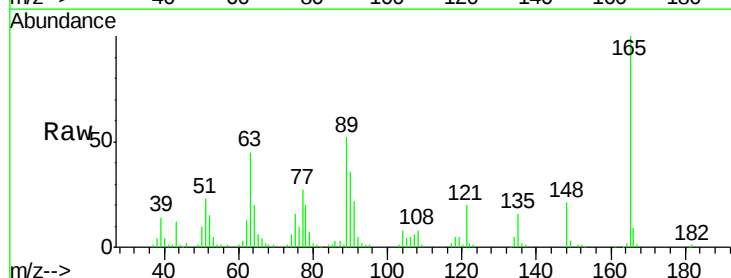


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

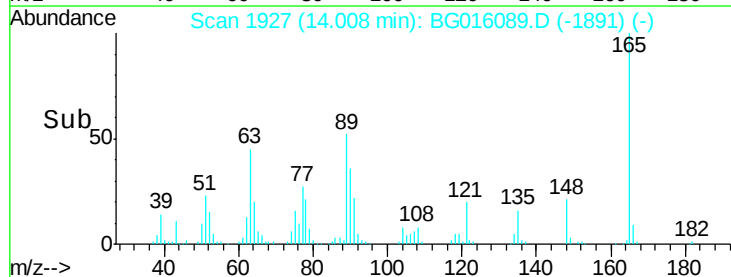
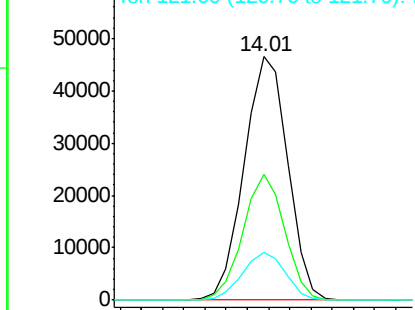


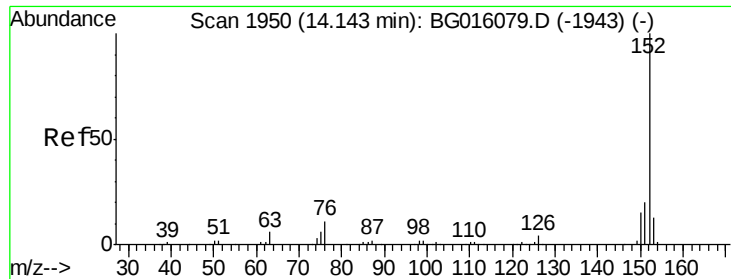
#45
2,6-Dinitrotoluene
Concen: 21.97 ng/ul
RT: 14.01 min Scan# 1927
Delta R.T. 0.01 min
Lab File: BG016089.D
Acq: 21 Mar 2015 5:46

Tgt Ion:165 Resp: 66636
Ion Ratio Lower Upper
165 100
89 51.7 37.4 56.0
121 19.7 15.3 22.9



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: 20.96 ng/ul

RT: 14.15 min Scan# 1952

Delta R.T. 0.01 min

Lab File: BG016089.D

Acq: 21 Mar 2015 5:46

Instrument :

BNA_G

ClientSampleId :

SSTD02030

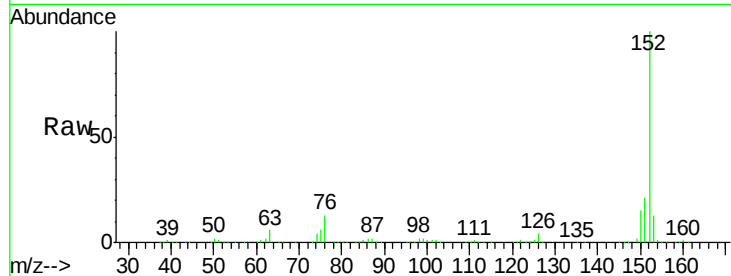
Tgt Ion:152 Resp: 423608

Ion Ratio Lower Upper

152 100

151 21.0 16.3 24.5

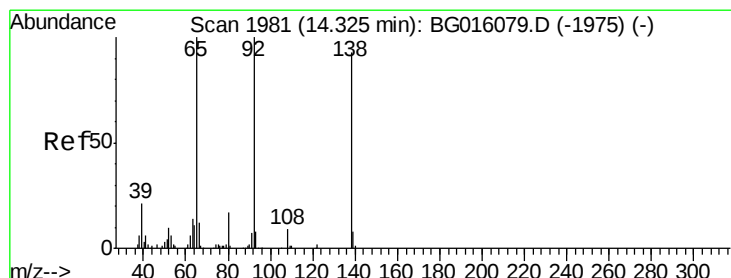
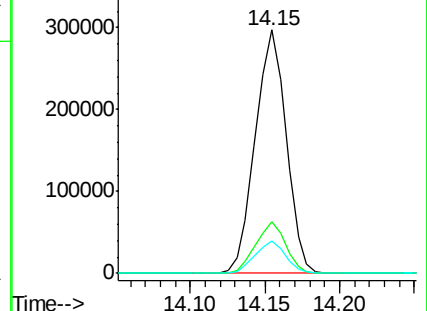
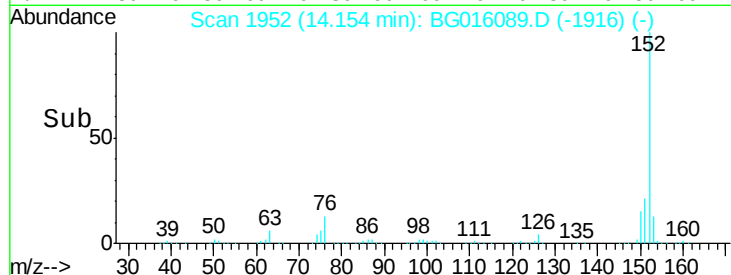
153 13.4 11.0 16.6



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: 22.82 ng/ul

RT: 14.34 min Scan# 1983

Delta R.T. 0.01 min

Lab File: BG016089.D

Acq: 21 Mar 2015 5:46

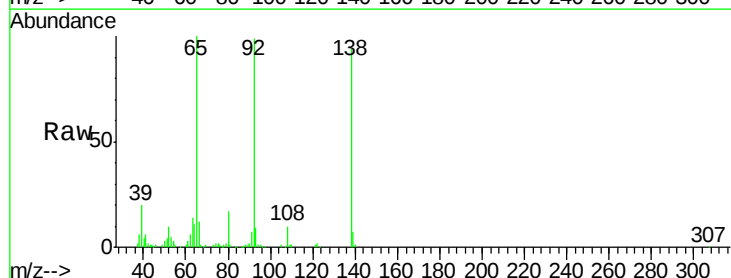
Tgt Ion:138 Resp: 80620

Ion Ratio Lower Upper

138 100

108 10.6 7.7 11.5

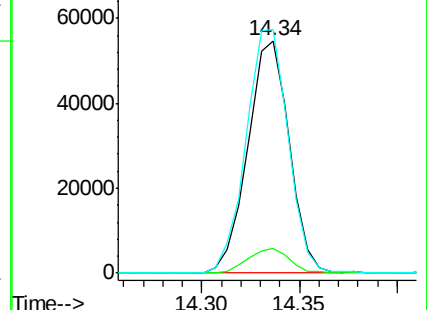
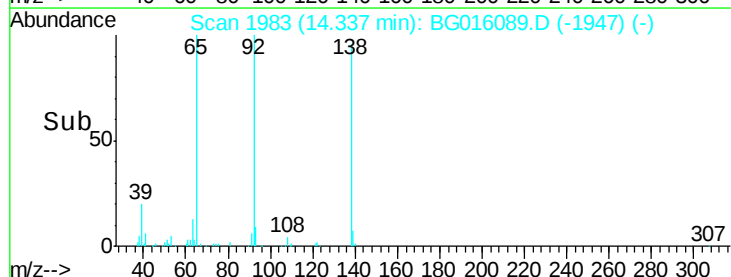
92 104.7 82.5 123.7

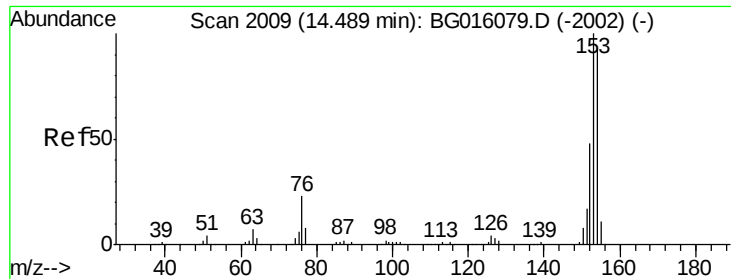


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#49

Acenaphthene

Concen: 20.35 ng/ul

RT: 14.50 min Scan# 2010

Delta R.T. 0.01 min

Lab File: BG016089.D

Acq: 21 Mar 2015 5:46

Instrument :

BNA_G

ClientSampleId :

SSTD02030

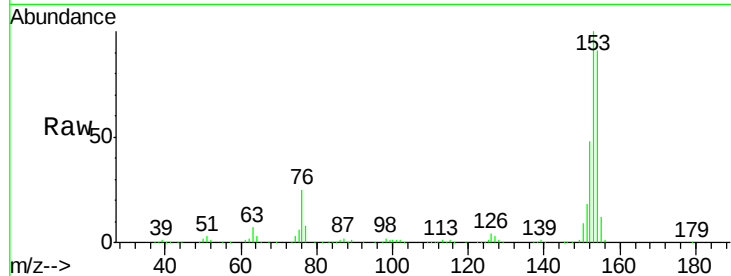
Tgt Ion:153 Resp: 275427

Ion Ratio Lower Upper

153 100

152 47.5 37.4 56.2

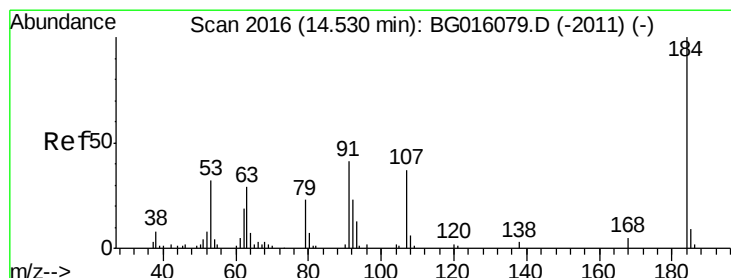
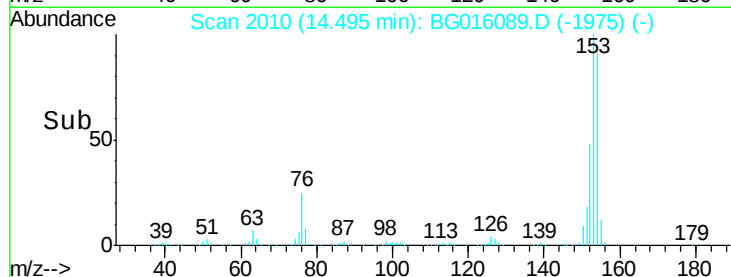
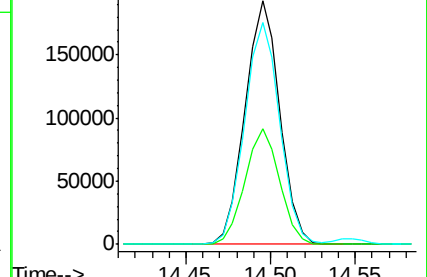
154 91.2 74.4 111.6



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: 12.64 ng/ul

RT: 14.55 min Scan# 2019

Delta R.T. 0.02 min

Lab File: BG016089.D

Acq: 21 Mar 2015 5:46

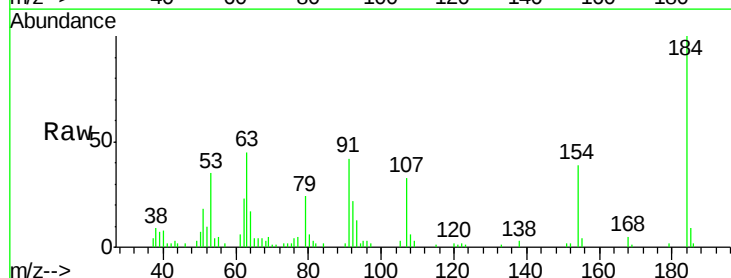
Tgt Ion:184 Resp: 17214

Ion Ratio Lower Upper

184 100

63 44.8 38.4 57.6

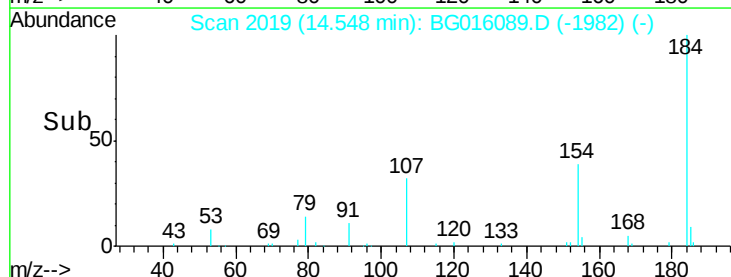
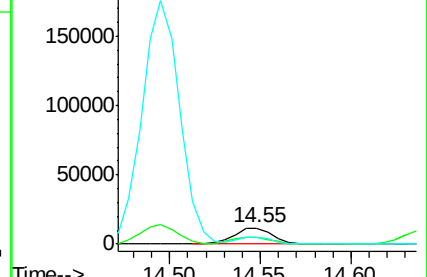
154 39.1 30.4 45.6

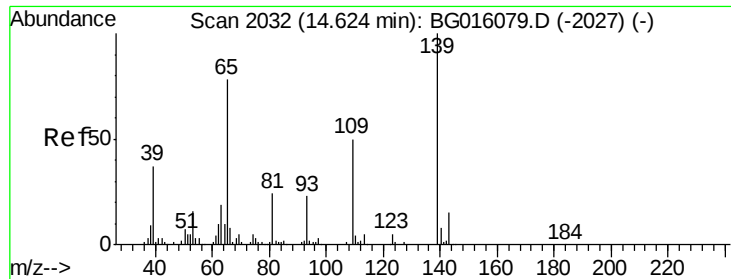


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 18.99 ng/ul

RT: 14.64 min Scan# 2035

Delta R.T. 0.02 min

Lab File: BG016089.D

Acq: 21 Mar 2015 5:46

Instrument :

BNA_G

ClientSampleId :

SSTD02030

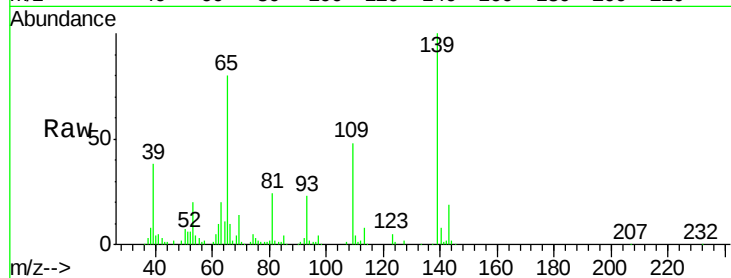
Tgt Ion:109 Resp: 32109

Ion Ratio Lower Upper

109 100

139 208.8 162.7 244.1

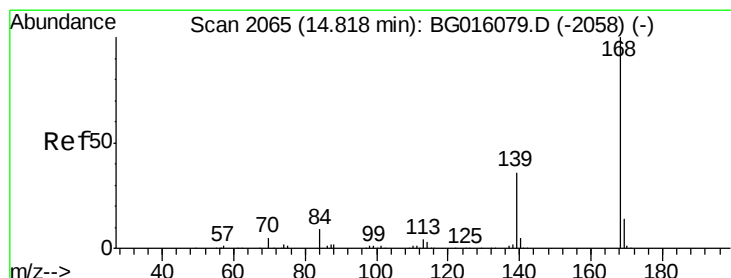
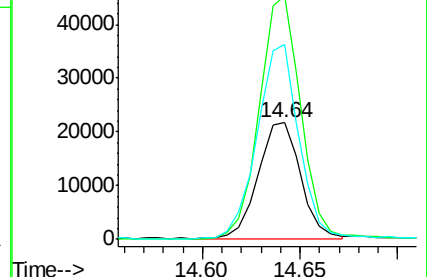
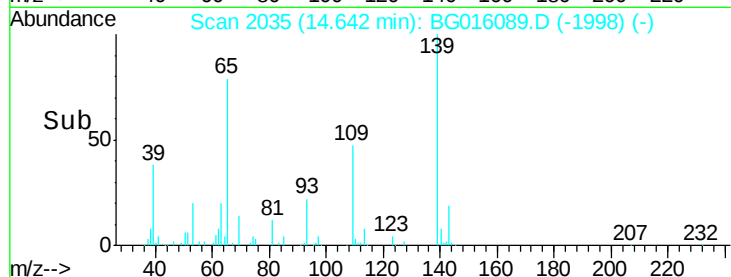
65 167.1 124.8 187.2



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: 19.85 ng/ul

RT: 14.83 min Scan# 2067

Delta R.T. 0.01 min

Lab File: BG016089.D

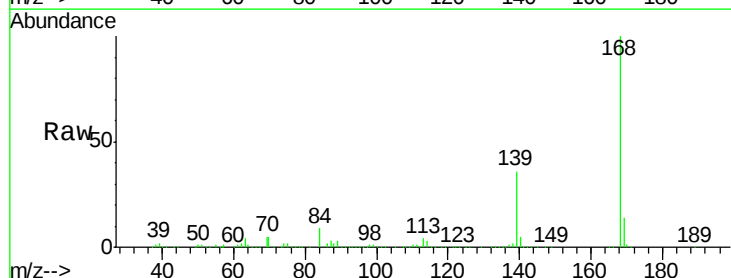
Acq: 21 Mar 2015 5:46

Tgt Ion:168 Resp: 362691

Ion Ratio Lower Upper

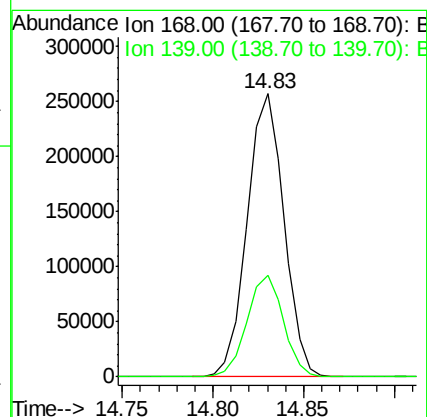
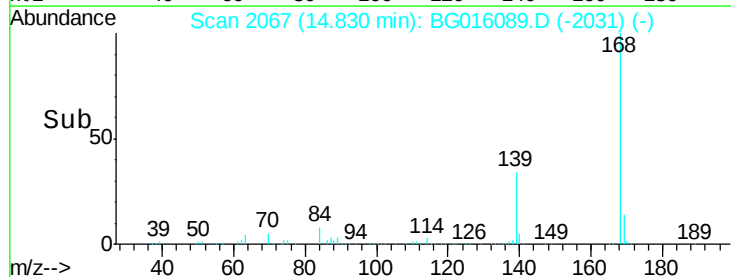
168 100

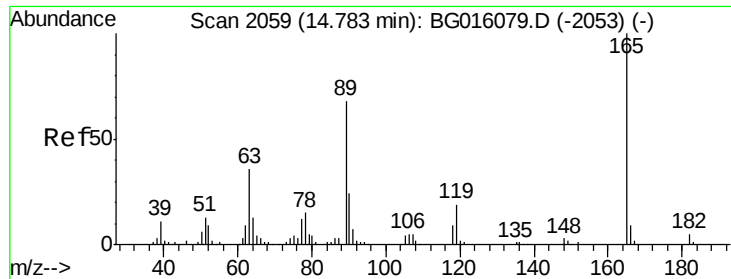
139 36.0 29.1 43.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

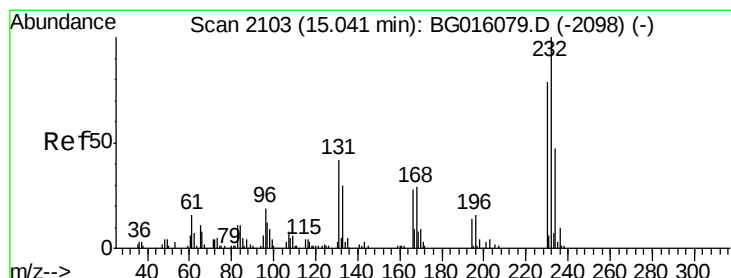
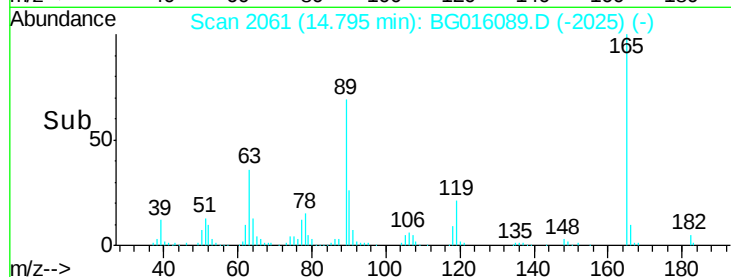
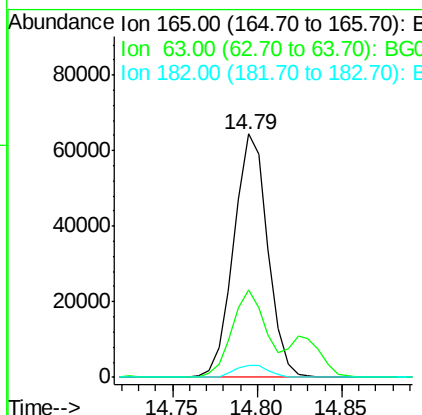
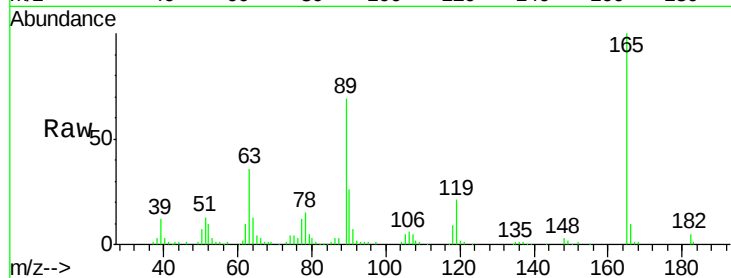




#54
 2,4-Dinitrotoluene
 Concen: 20.55 ng/ul
 RT: 14.79 min Scan# 2061
 Delta R.T. 0.01 min
 Lab File: BG016089.D
 Acq: 21 Mar 2015 5:46

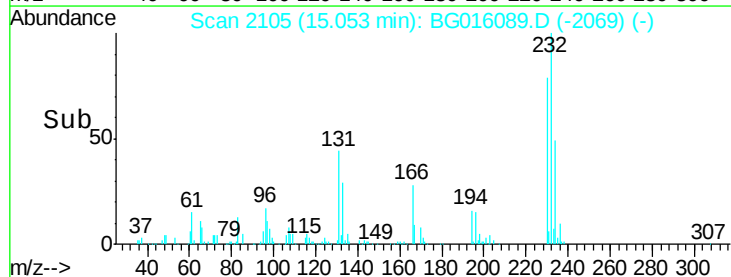
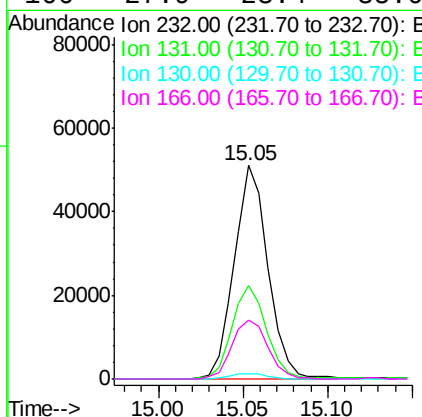
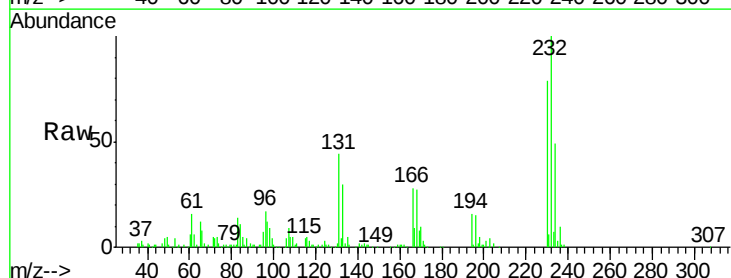
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02030

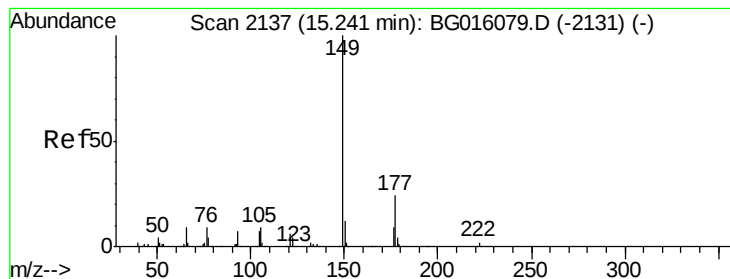
Tgt Ion	Ratio	Lower	Upper
165	100		
63	35.9	27.1	40.7
182	5.0	3.9	5.9



#55
 2,3,4,6-Tetrachlorophenol
 Concen: 22.40 ng/ul
 RT: 15.05 min Scan# 2105
 Delta R.T. 0.01 min
 Lab File: BG016089.D
 Acq: 21 Mar 2015 5:46

Tgt Ion	Ratio	Lower	Upper
232	100		
131	43.9	34.8	52.2
130	2.5	2.1	3.1
166	27.9	23.4	35.0





#56

Diethylphthalate

Concen: 18.97 ng/ul

RT: 15.25 min Scan# 2138

Delta R.T. 0.01 min

Lab File: BG016089.D

Acq: 21 Mar 2015 5:46

Instrument :

BNA_G

ClientSampleId :

SSTD02030

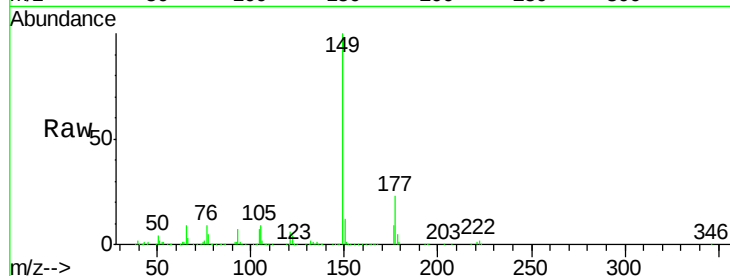
Tgt Ion:149 Resp: 286208

Ion Ratio Lower Upper

149 100

177 23.4 18.6 27.8

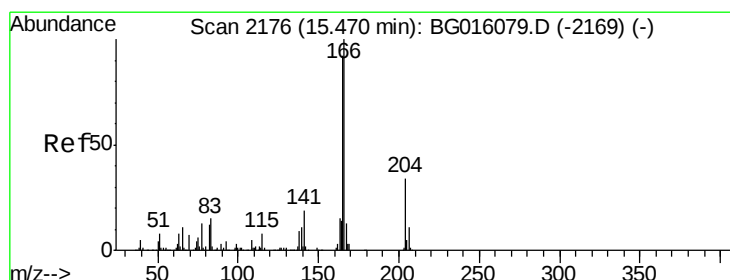
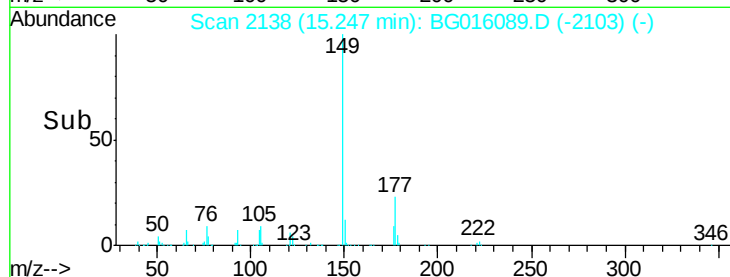
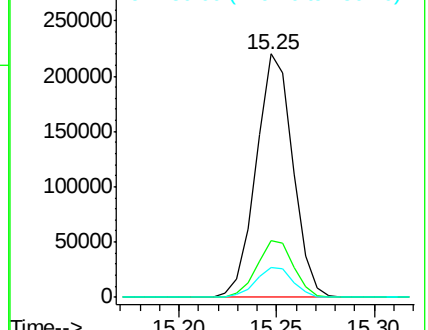
150 12.2 9.6 14.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#58

Fluorene

Concen: 19.40 ng/ul

RT: 15.48 min Scan# 2177

Delta R.T. 0.01 min

Lab File: BG016089.D

Acq: 21 Mar 2015 5:46

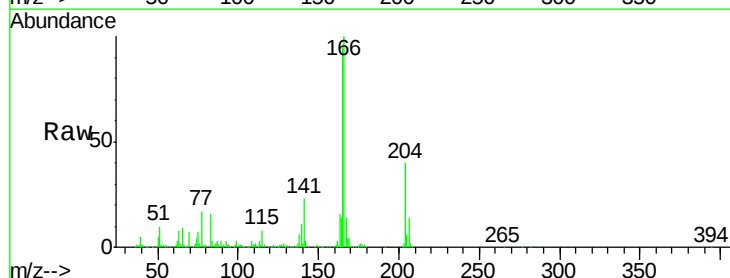
Tgt Ion:166 Resp: 309643

Ion Ratio Lower Upper

166 100

165 94.9 76.1 114.1

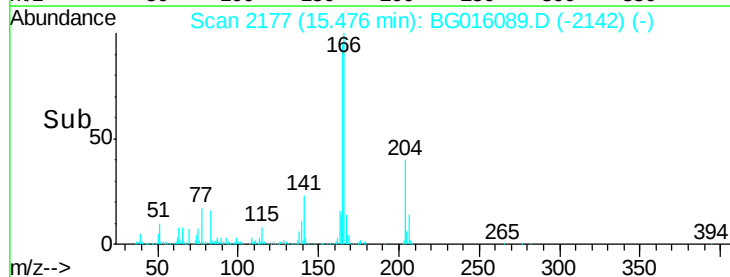
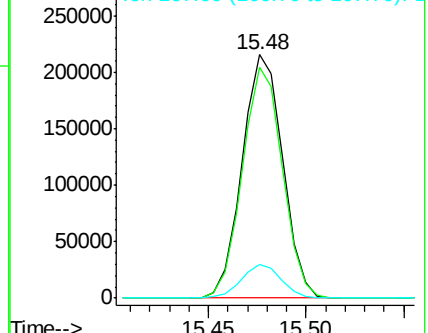
167 14.1 10.5 15.7

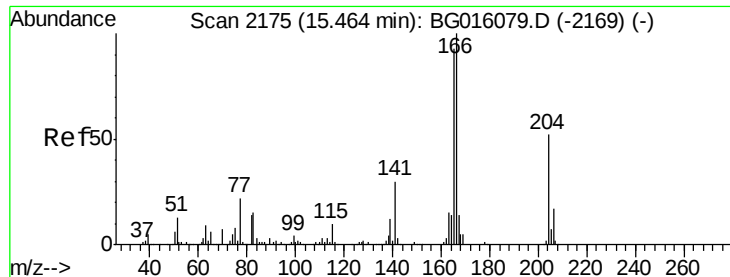


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

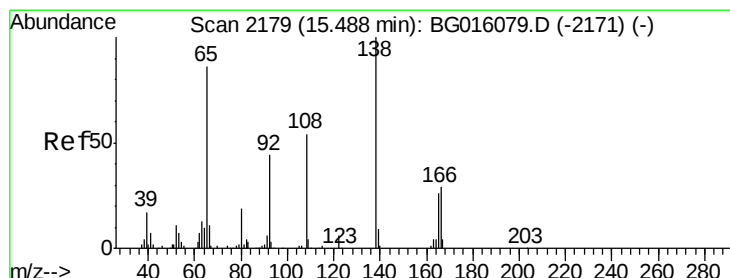
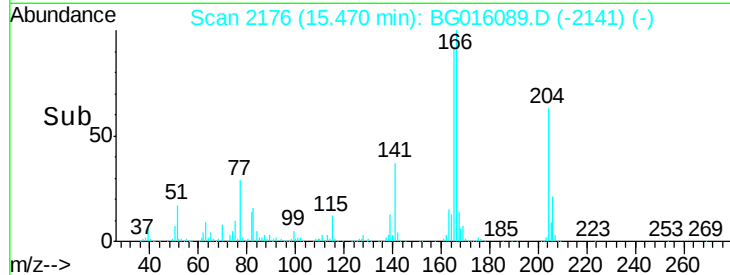
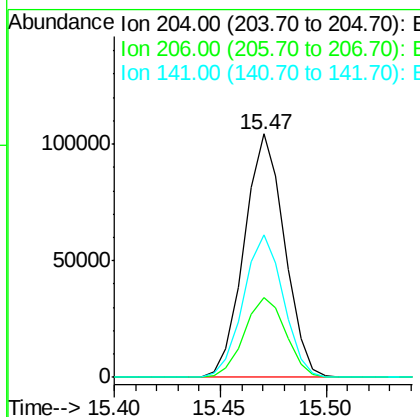
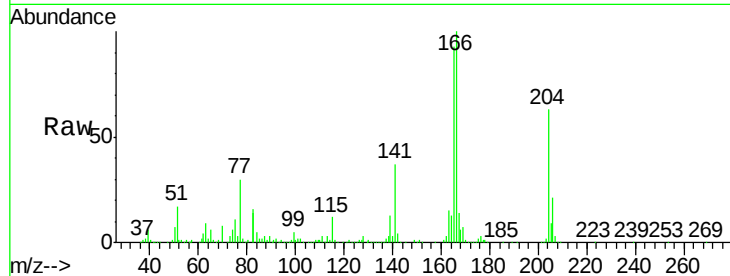




#59
 4-Chlorophenyl-phenylether
 Concen: 19.21 ng/ul
 RT: 15.47 min Scan# 2176
 Delta R.T. 0.01 min
 Lab File: BG016089.D
 Acq: 21 Mar 2015 5:46

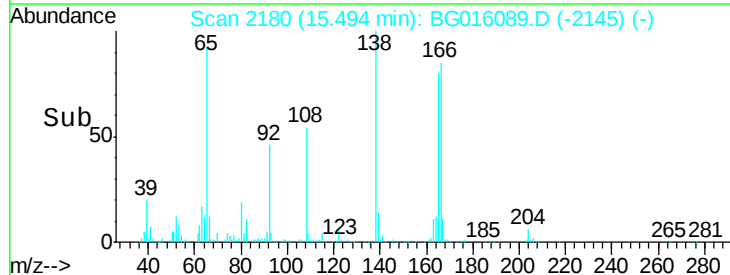
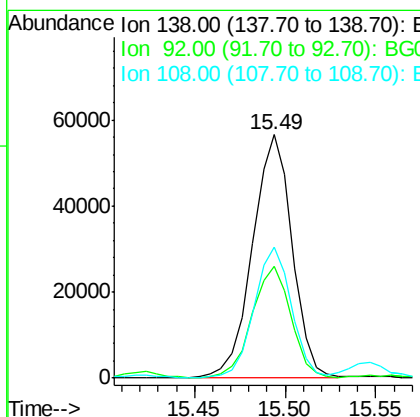
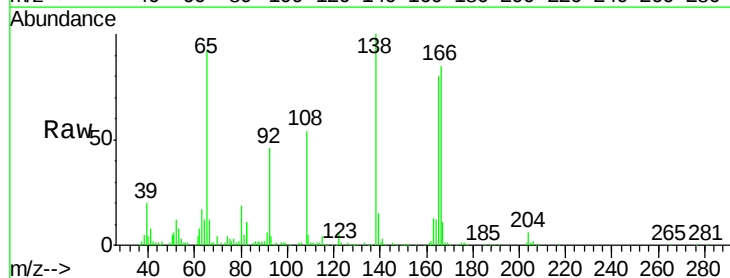
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02030

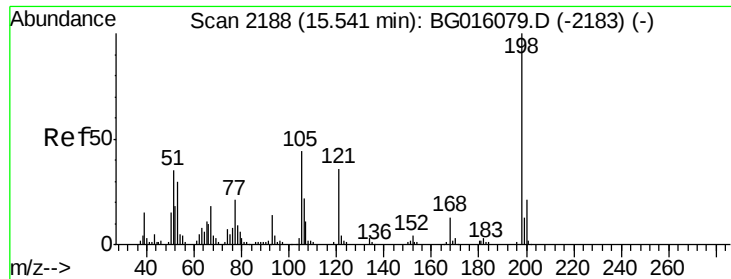
Tgt Ion:204 Resp: 138467
 Ion Ratio Lower Upper
 204 100
 206 32.8 25.8 38.8
 141 58.4 47.3 70.9



#60
 4-Nitroaniline
 Concen: 20.66 ng/ul
 RT: 15.49 min Scan# 2180
 Delta R.T. 0.01 min
 Lab File: BG016089.D
 Acq: 21 Mar 2015 5:46

Tgt Ion:138 Resp: 86601
 Ion Ratio Lower Upper
 138 100
 92 45.9 35.5 53.3
 108 53.9 42.4 63.6

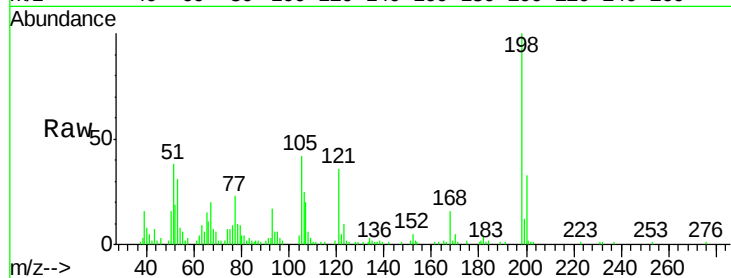




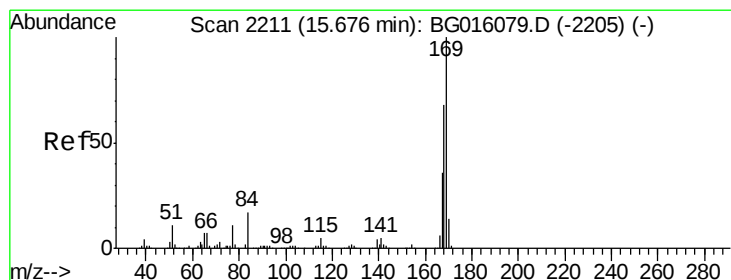
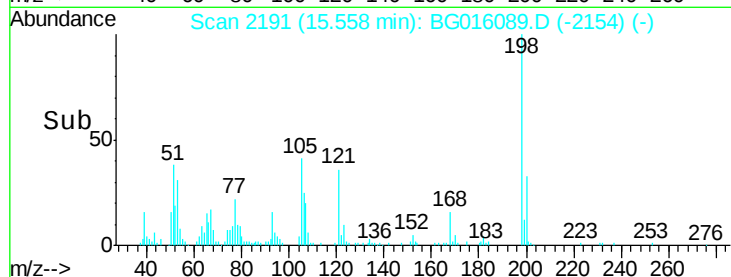
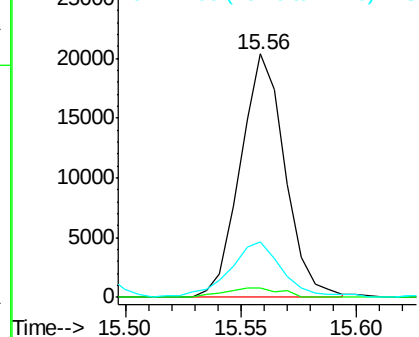
#63
 4,6-Dinitro-2-methylphenol
 Concen: 12.16 ng/ul
 RT: 15.56 min Scan# 2191
 Delta R.T. 0.02 min
 Lab File: BG016089.D
 Acq: 21 Mar 2015 5:46

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02030

Tgt Ion:198 Resp: 27326
 Ion Ratio Lower Upper
 198 100
 182 3.9 2.8 4.2
 77 22.9 18.0 27.0

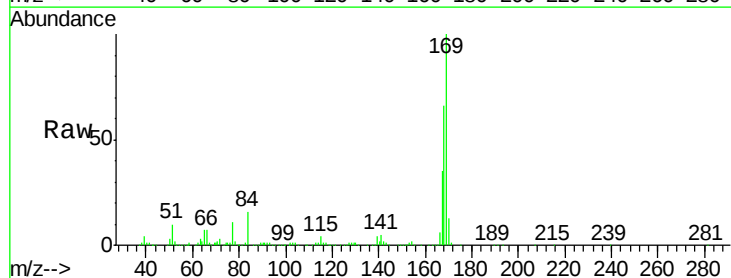


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): B

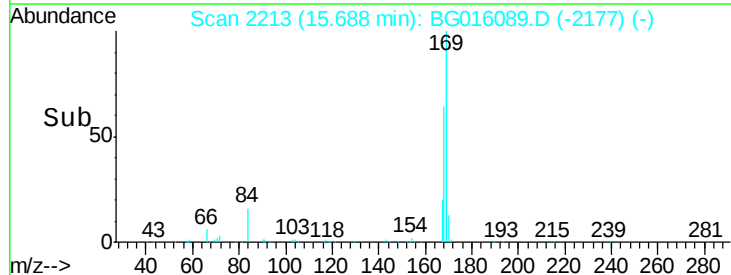
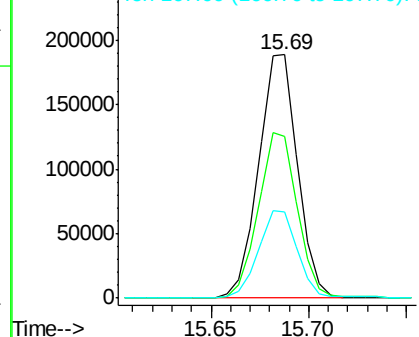


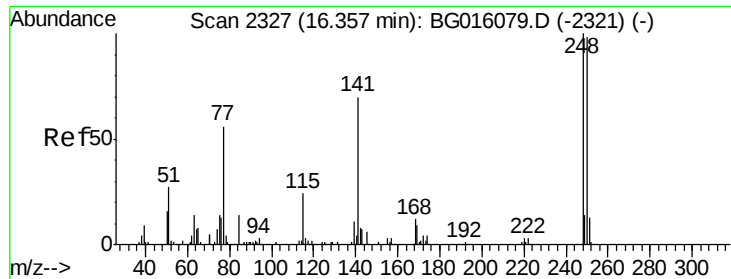
#64
 N-Nitrosodiphenylamine
 Concen: 21.95 ng/ul
 RT: 15.69 min Scan# 2213
 Delta R.T. 0.01 min
 Lab File: BG016089.D
 Acq: 21 Mar 2015 5:46

Tgt Ion:169 Resp: 261226
 Ion Ratio Lower Upper
 169 100
 168 66.2 52.0 78.0
 167 35.4 28.0 42.0



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

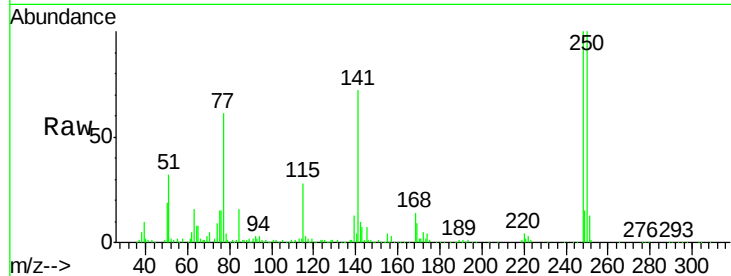




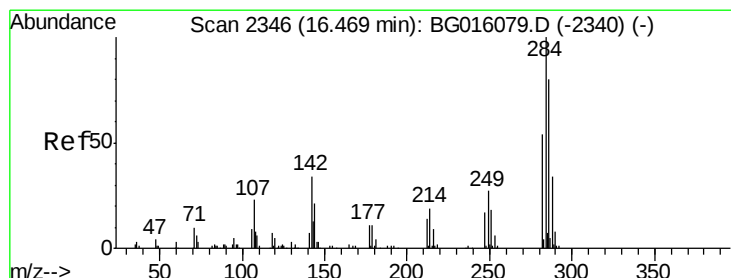
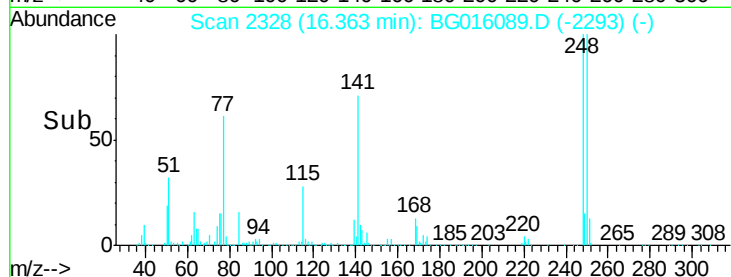
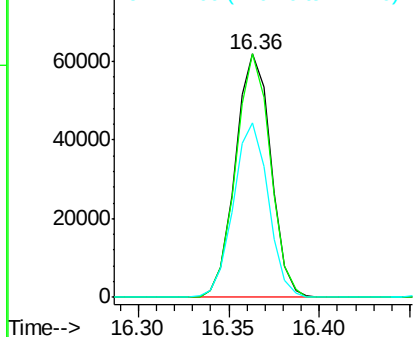
#65
4-Bromophenyl-phenylether
Concen: 21.62 ng/ul
RT: 16.36 min Scan# 2328
Delta R.T. 0.01 min
Lab File: BG016089.D
Acq: 21 Mar 2015 5:46

Instrument :
BNA_G
ClientSampleId :
SSTD02030

Tgt Ion:248 Resp: 84244
Ion Ratio Lower Upper
248 100
250 100.0 78.9 118.3
141 71.6 56.7 85.1

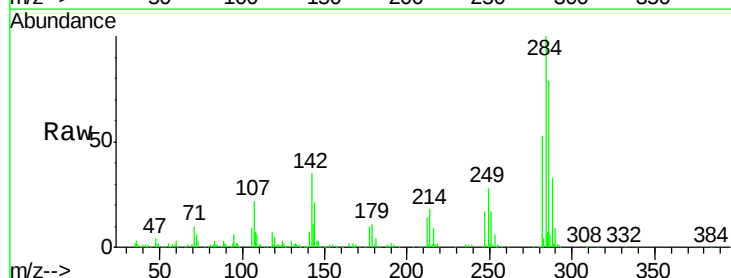


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

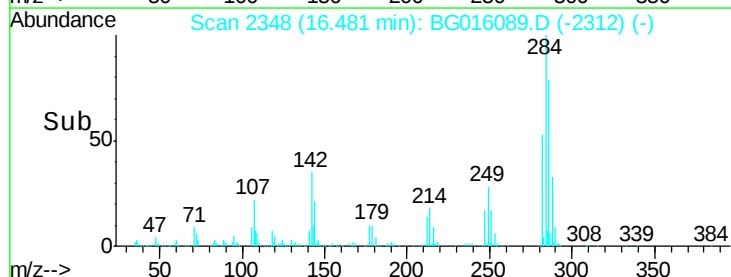
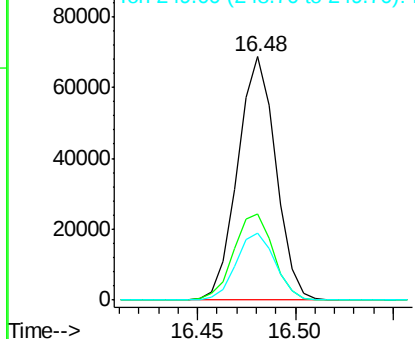


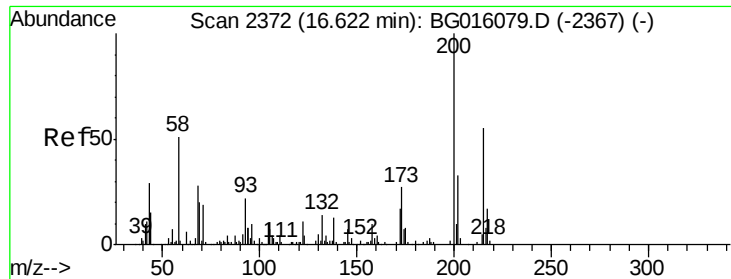
#66
Hexachlorobenzene
Concen: 21.15 ng/ul
RT: 16.48 min Scan# 2348
Delta R.T. 0.01 min
Lab File: BG016089.D
Acq: 21 Mar 2015 5:46

Tgt Ion:284 Resp: 93151
Ion Ratio Lower Upper
284 100
142 35.3 30.2 45.4
249 27.5 21.4 32.2



Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

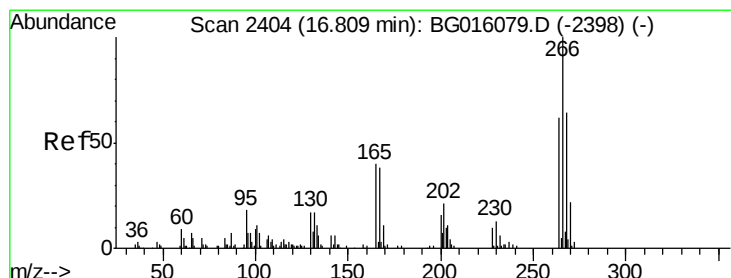
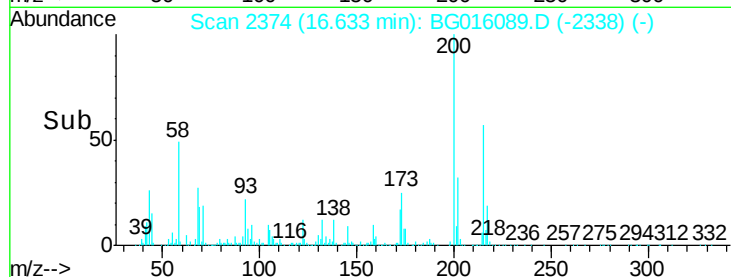
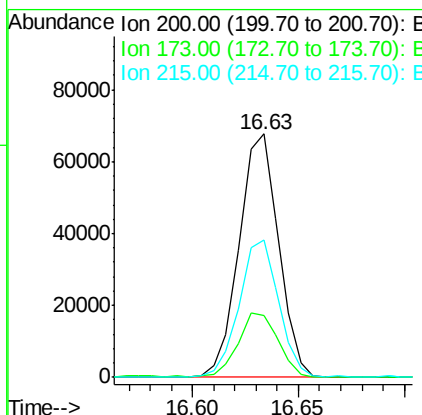
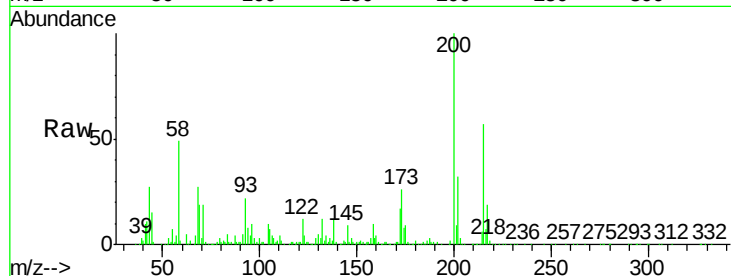




#67
 Atrazine
 Concen: 21.36 ng/ul
 RT: 16.63 min Scan# 2374
 Delta R.T. 0.01 min
 Lab File: BG016089.D
 Acq: 21 Mar 2015 5:46

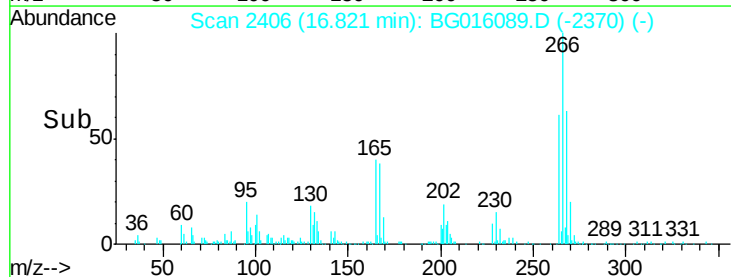
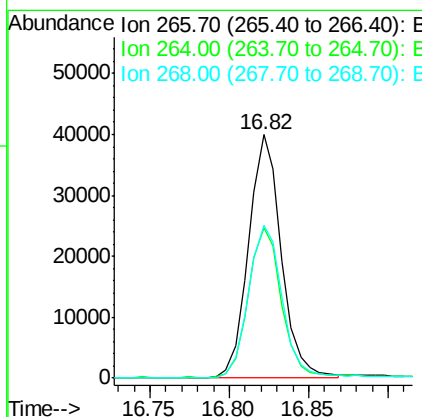
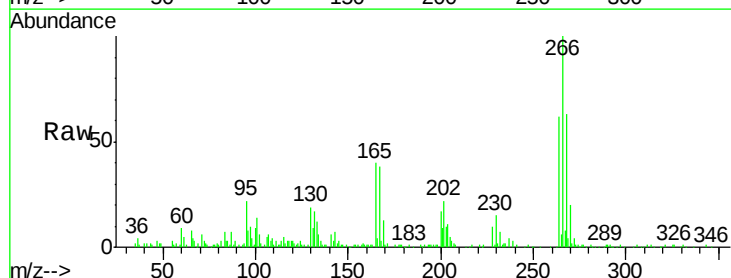
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02030

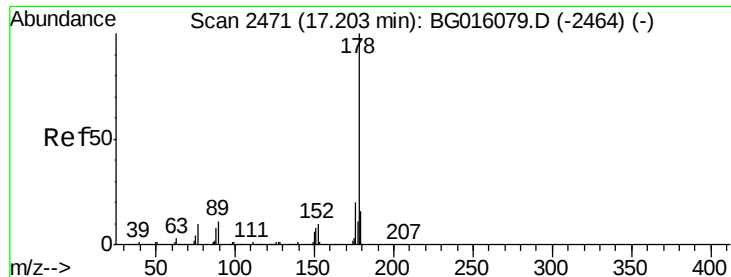
Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.6	20.7	31.1
215	56.6	44.9	67.3



#68
 Pentachlorophenol
 Concen: 23.93 ng/ul
 RT: 16.82 min Scan# 2406
 Delta R.T. 0.01 min
 Lab File: BG016089.D
 Acq: 21 Mar 2015 5:46

Tgt Ion	Ratio	Lower	Upper
266	100		
264	61.6	49.2	73.8
268	62.6	47.6	71.4





#69

Phenanthrene

Concen: 20.28 ng/ul

RT: 17.22 min Scan# 2473

Delta R.T. 0.01 min

Lab File: BG016089.D

Acq: 21 Mar 2015 5:46

Instrument :

BNA_G

ClientSampleId :

SSTD02030

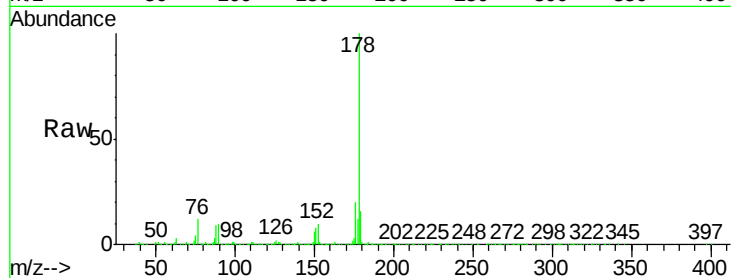
Tgt Ion:178 Resp: 432675

Ion Ratio Lower Upper

178 100

179 16.2 12.8 19.2

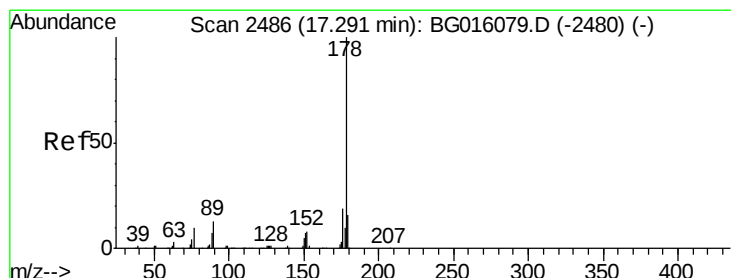
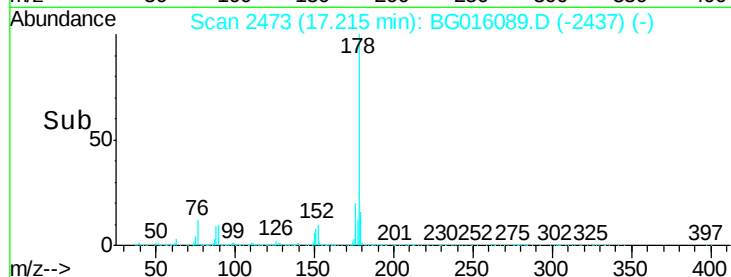
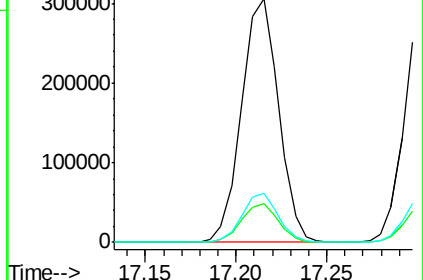
176 20.2 15.6 23.4



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: 20.67 ng/ul

RT: 17.30 min Scan# 2488

Delta R.T. 0.01 min

Lab File: BG016089.D

Acq: 21 Mar 2015 5:46

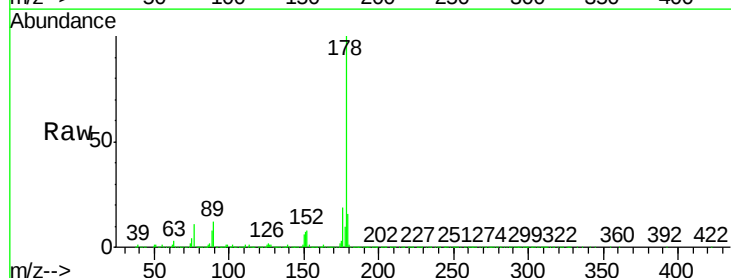
Tgt Ion:178 Resp: 447694

Ion Ratio Lower Upper

178 100

179 16.0 12.7 19.1

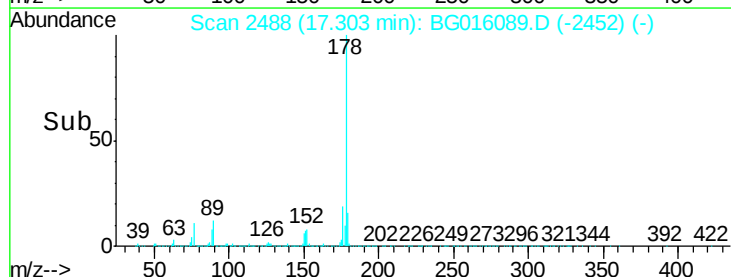
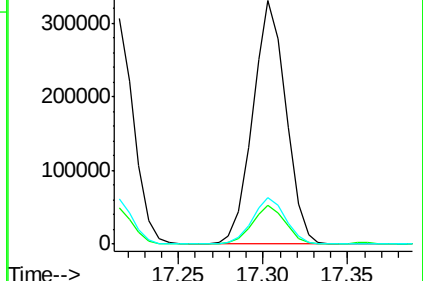
176 19.1 15.3 22.9

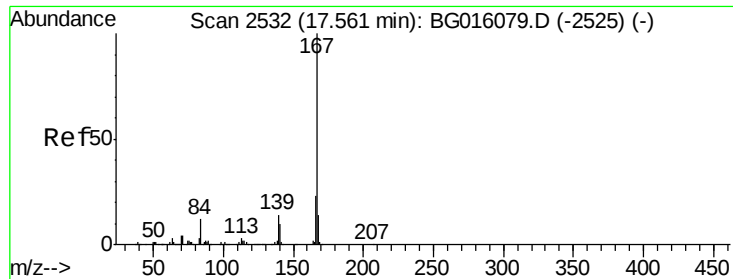


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 19.97 ng/ul

RT: 17.57 min Scan# 2534

Delta R.T. 0.01 min

Lab File: BG016089.D

Acq: 21 Mar 2015 5:46

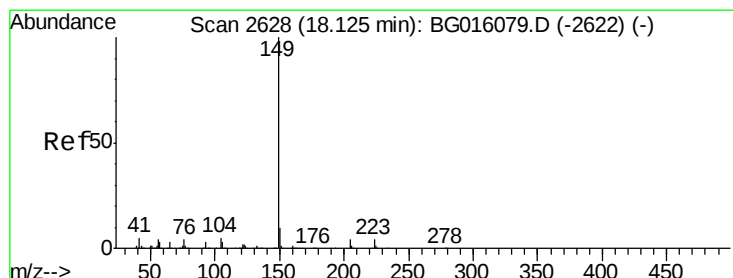
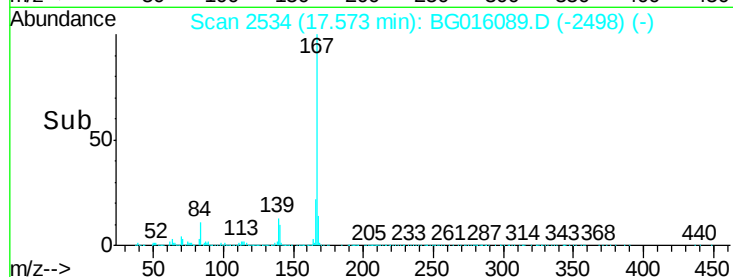
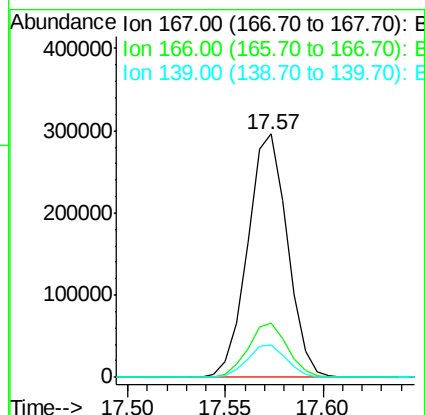
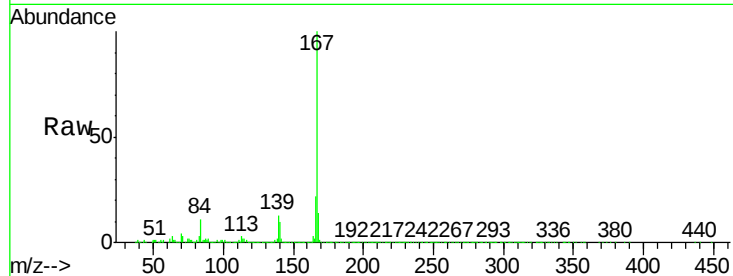
Instrument :

BNA_G

ClientSampleId :

SSTD02030

Tgt Ion:	167	Resp:	416019
Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.2	27.2
139	13.3	10.0	15.0



#73

Di-n-butylphthalate

Concen: 20.43 ng/ul

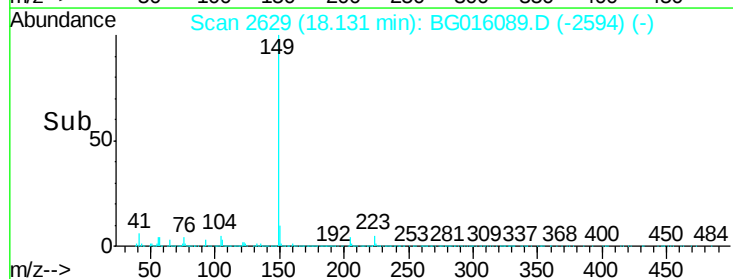
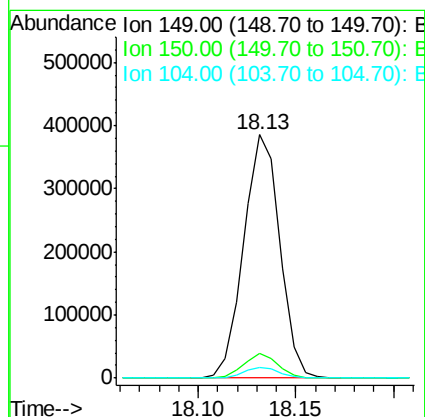
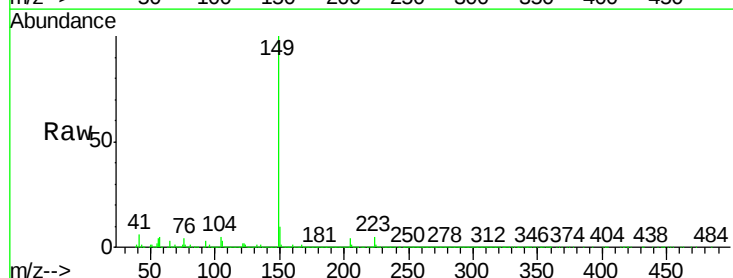
RT: 18.13 min Scan# 2629

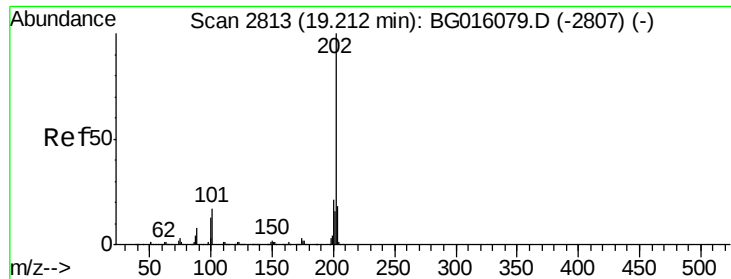
Delta R.T. 0.01 min

Lab File: BG016089.D

Acq: 21 Mar 2015 5:46

Tgt Ion:	149	Resp:	491306
Ion	Ratio	Lower	Upper
149	100		
150	10.4	7.8	11.6
104	4.6	3.7	5.5





#74

Fluoranthene

Concen: 19.19 ng/ul

RT: 19.22 min Scan# 2815

Delta R.T. 0.01 min

Lab File: BG016089.D

Acq: 21 Mar 2015 5:46

Instrument :

BNA_G

ClientSampleId :

SSTD02030

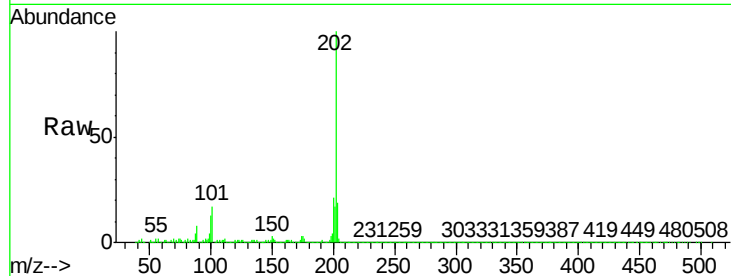
Tgt Ion:202 Resp: 462923

Ion Ratio Lower Upper

202 100

101 17.1 12.9 19.3

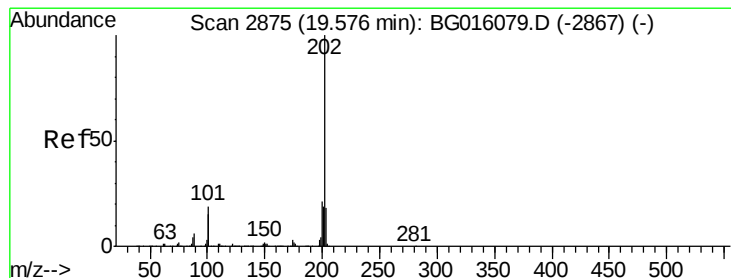
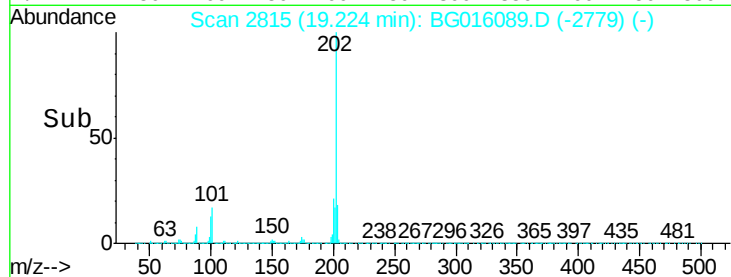
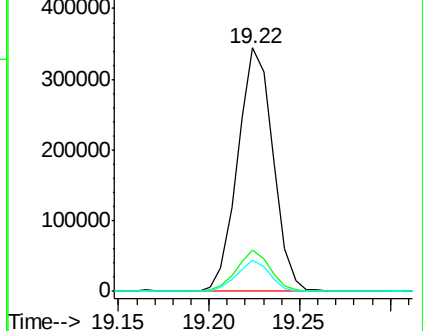
100 12.8 9.4 14.2



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: 19.88 ng/ul

RT: 19.59 min Scan# 2877

Delta R.T. 0.01 min

Lab File: BG016089.D

Acq: 21 Mar 2015 5:46

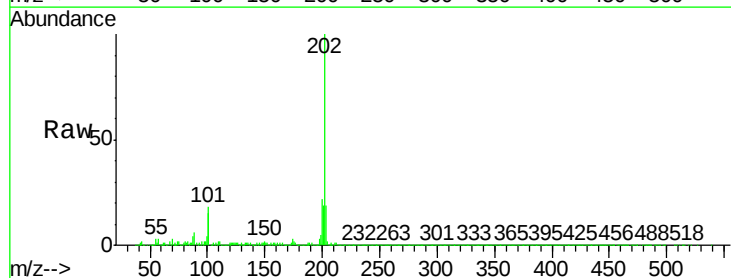
Tgt Ion:202 Resp: 484591

Ion Ratio Lower Upper

202 100

101 18.2 14.6 21.8

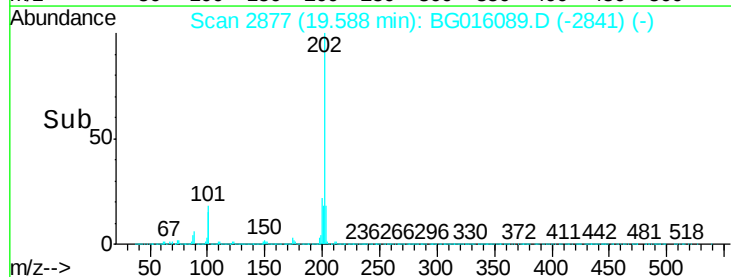
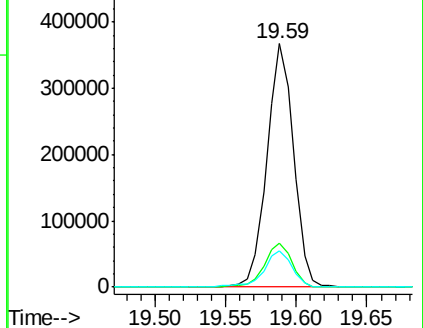
100 15.0 12.1 18.1

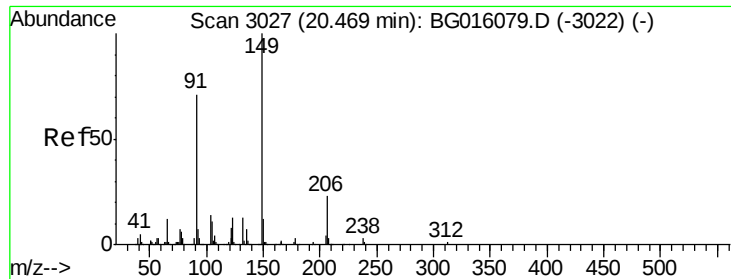


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

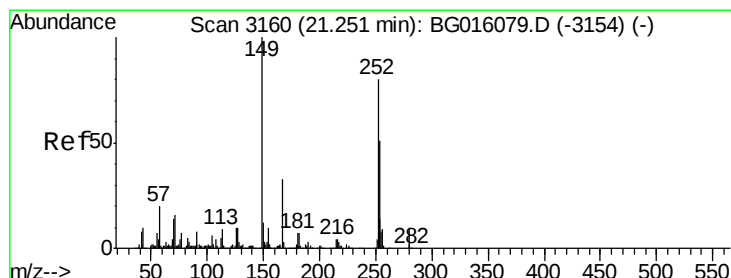
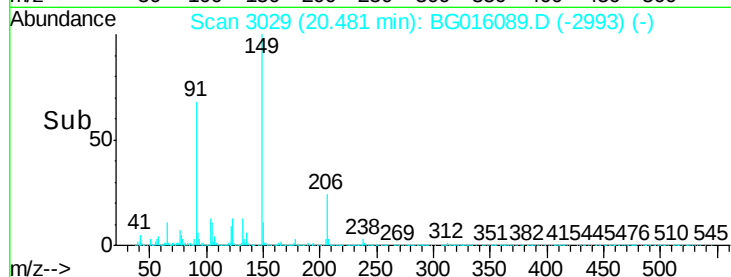
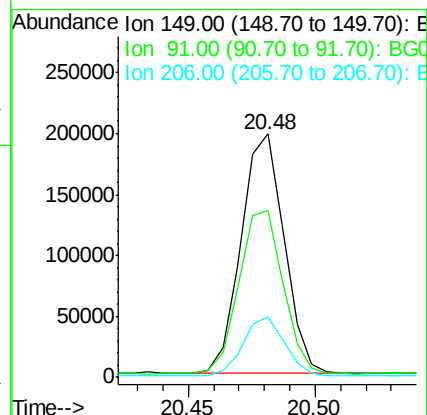
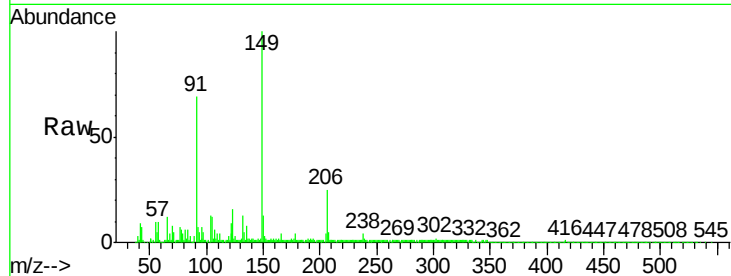




#78
Butylbenzylphthalate
Concen: 23.06 ng/ul
RT: 20.48 min Scan# 3029
Delta R.T. 0.01 min
Lab File: BG016089.D
Acq: 21 Mar 2015 5:46

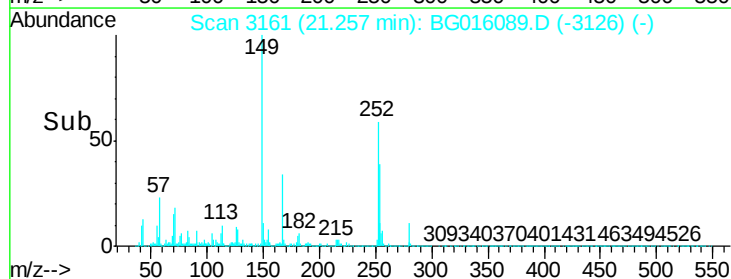
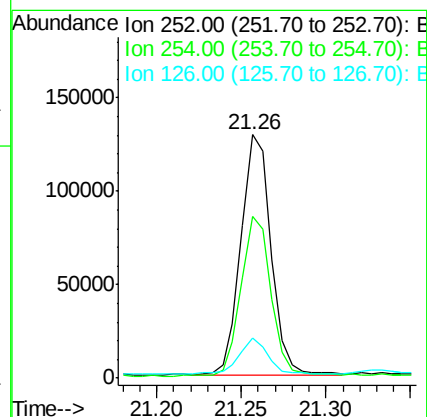
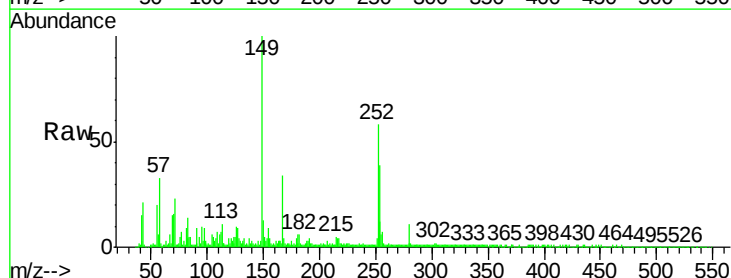
Instrument :
BNA_G
ClientSampleId :
SSTD02030

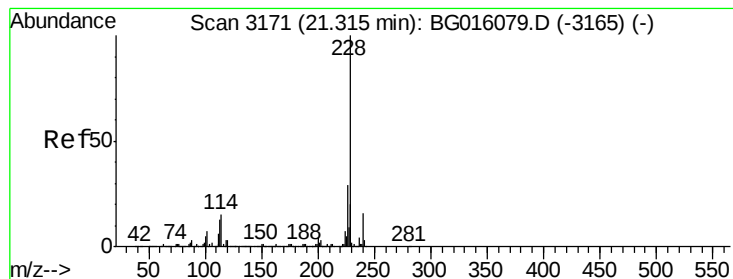
Tgt Ion:149 Resp: 230535
Ion Ratio Lower Upper
149 100
91 68.7 52.2 78.2
206 24.7 19.4 29.2



#79
3,3'-Dichlorobenzidine
Concen: 24.66 ng/ul
RT: 21.26 min Scan# 3161
Delta R.T. 0.01 min
Lab File: BG016089.D
Acq: 21 Mar 2015 5:46

Tgt Ion:252 Resp: 159597
Ion Ratio Lower Upper
252 100
254 66.3 52.0 78.0
126 16.3 10.7 16.1#





#80

Benzo(a)anthracene

Concen: 21.22 ng/ul

RT: 21.33 min Scan# 3173

Delta R.T. 0.01 min

Lab File: BG016089.D

Acq: 21 Mar 2015 5:46

Instrument :

BNA_G

ClientSampleId :

SSTD02030

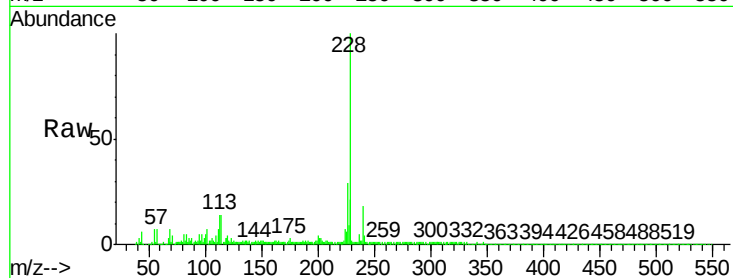
Tgt Ion:228 Resp: 476373

Ion Ratio Lower Upper

228 100

229 20.9 16.2 24.4

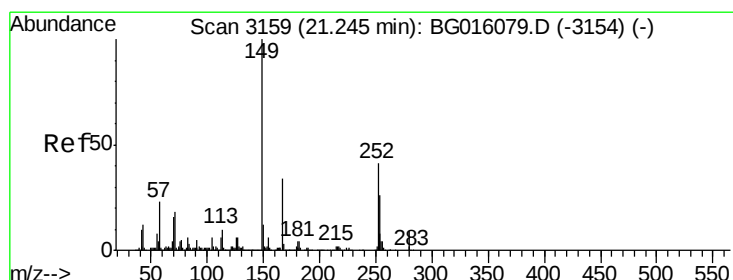
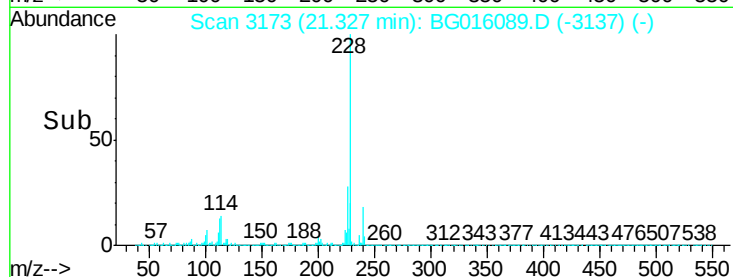
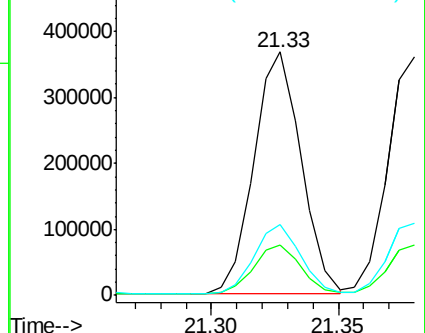
226 28.9 22.4 33.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#81

Bis(2-ethylhexyl)phthalate

Concen: 24.47 ng/ul

RT: 21.25 min Scan# 3160

Delta R.T. 0.01 min

Lab File: BG016089.D

Acq: 21 Mar 2015 5:46

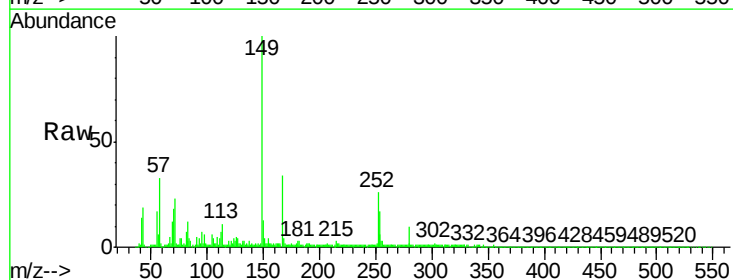
Tgt Ion:149 Resp: 330602

Ion Ratio Lower Upper

149 100

167 33.9 26.6 39.8

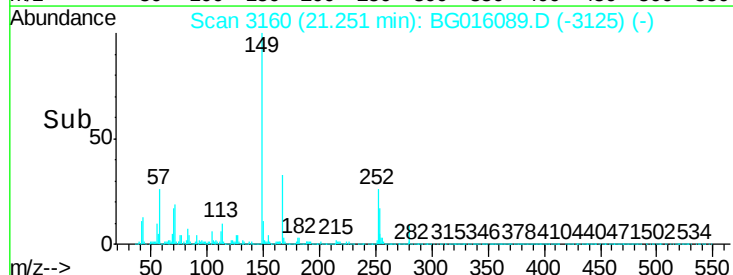
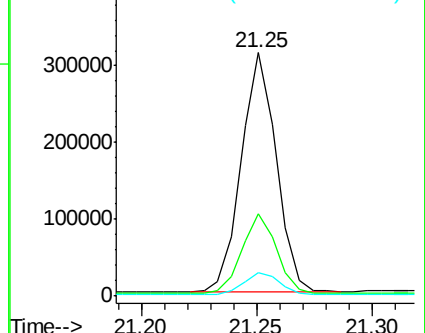
279 9.6 6.5 9.7

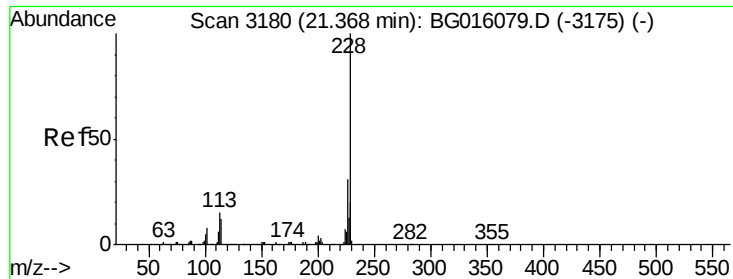


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 20.74 ng/ul

RT: 21.38 min Scan# 3182

Delta R.T. 0.01 min

Lab File: BG016089.D

Acq: 21 Mar 2015 5:46

Instrument :

BNA_G

ClientSampleId :

SSTD02030

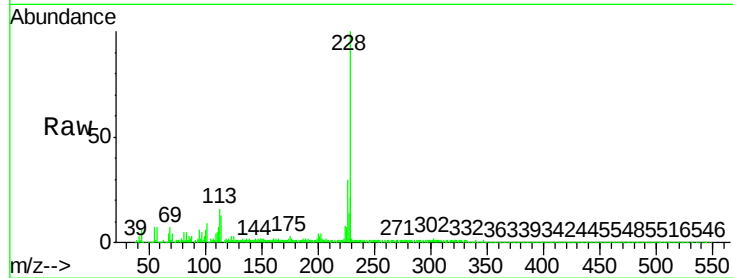
Tgt Ion:228 Resp: 442856

Ion Ratio Lower Upper

228 100

226 30.5 24.6 36.8

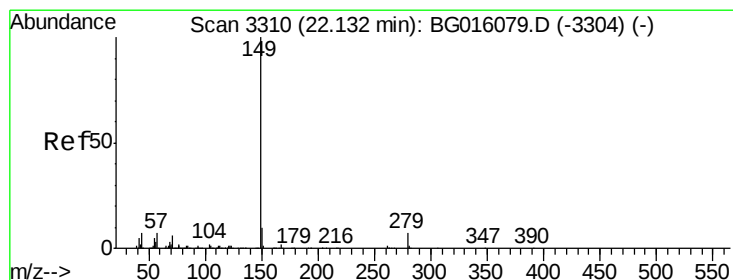
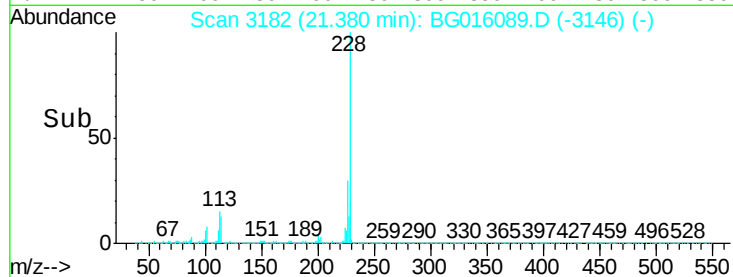
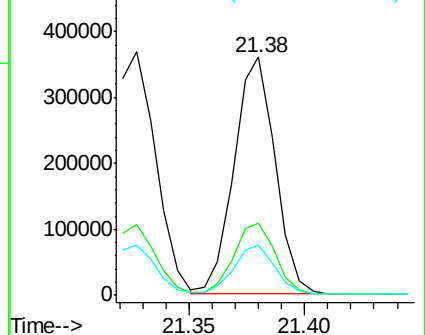
229 21.1 16.6 25.0



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: 24.56 ng/ul

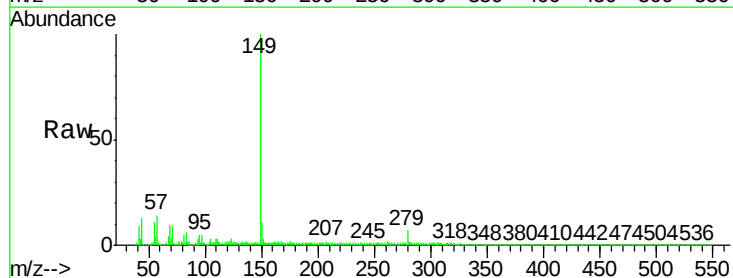
RT: 22.14 min Scan# 3311

Delta R.T. 0.01 min

Lab File: BG016089.D

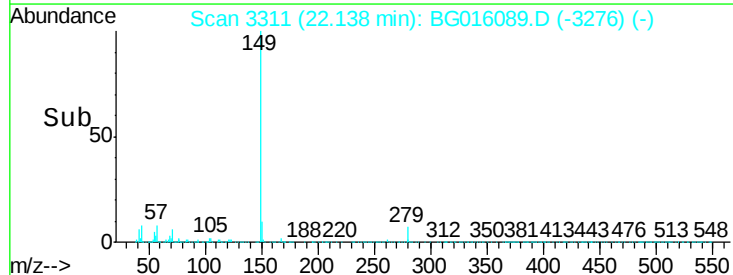
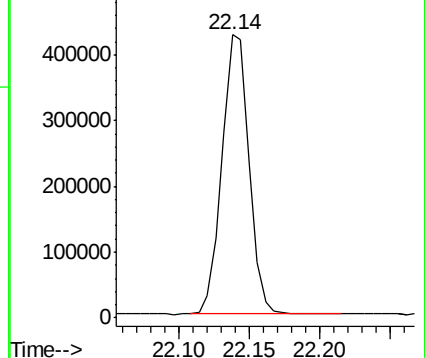
Acq: 21 Mar 2015 5:46

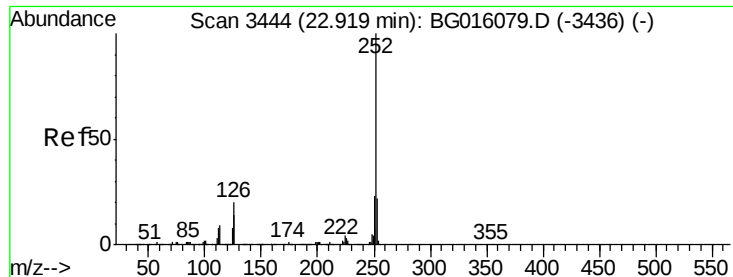
Tgt Ion:149 Resp: 562006



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 149.00 (148.70 to 149.70): E

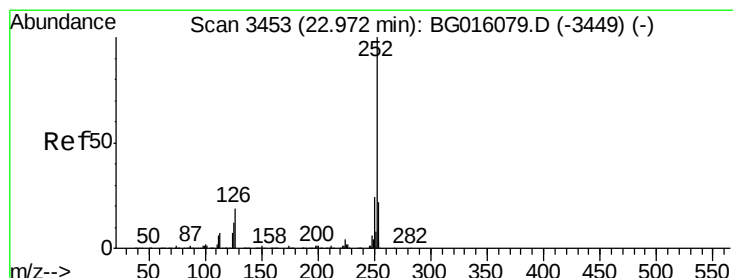
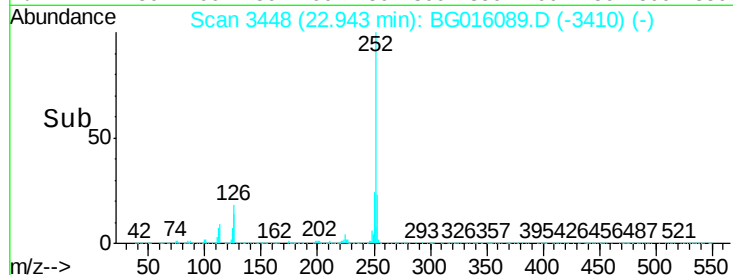
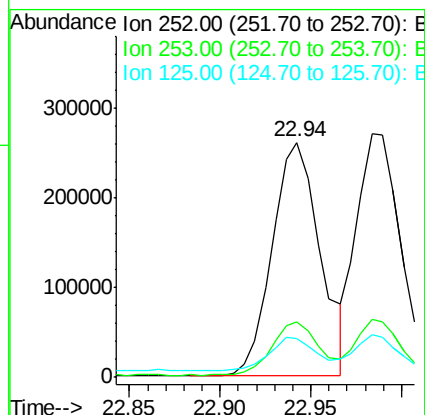
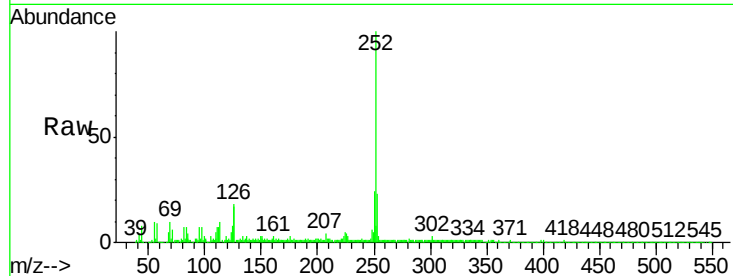




#85
Benzo(b)fluoranthene
Concen: 21.59 ng/ul
RT: 22.94 min Scan# 3448
Delta R.T. 0.02 min
Lab File: BG016089.D
Acq: 21 Mar 2015 5:46

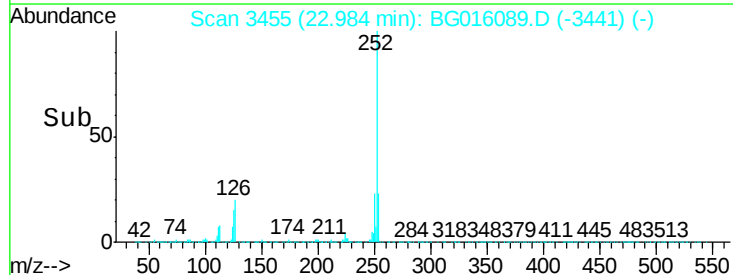
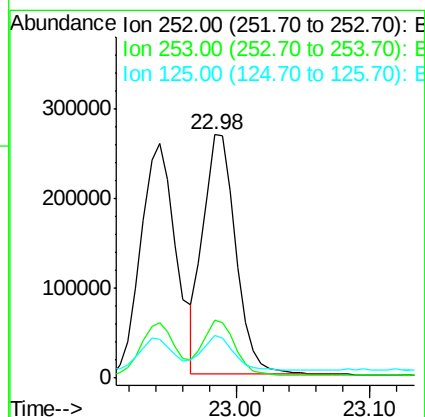
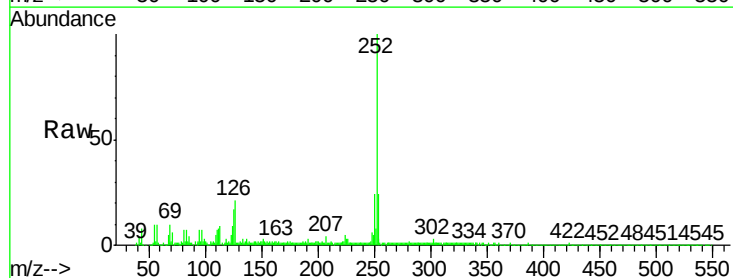
Instrument :
BNA_G
ClientSampleId :
SSTD02030

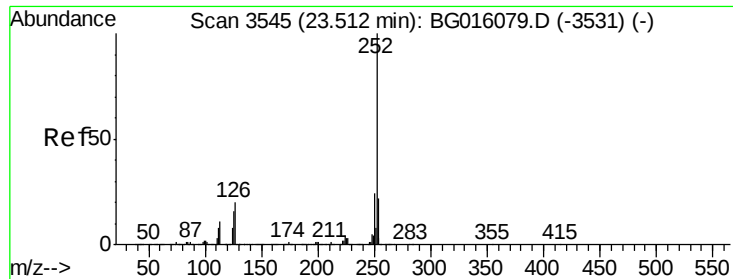
Tgt Ion:252 Resp: 480970
Ion Ratio Lower Upper
252 100
253 23.4 17.9 26.9
125 16.6 11.0 16.6#



#86
Benzo(k)fluoranthene
Concen: 20.76 ng/ul
RT: 22.98 min Scan# 3455
Delta R.T. 0.01 min
Lab File: BG016089.D
Acq: 21 Mar 2015 5:46

Tgt Ion:252 Resp: 456711
Ion Ratio Lower Upper
252 100
253 24.0 17.8 26.6
125 17.3 10.7 16.1#





#88

Benzo(a)pyrene

Concen: 20.18 ng/ul

RT: 23.54 min Scan# 3549

Delta R.T. 0.02 min

Lab File: BG016089.D

Acq: 21 Mar 2015 5:46

Instrument :

BNA_G

ClientSampleId :

SSTD02030

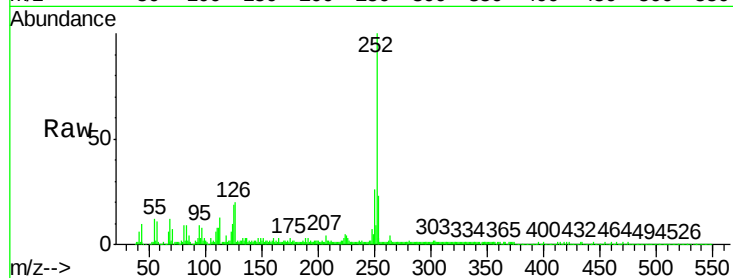
Tgt Ion:252 Resp: 447829

Ion Ratio Lower Upper

252 100

253 23.2 17.6 26.4

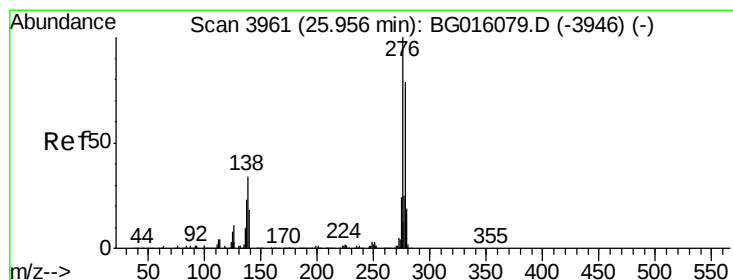
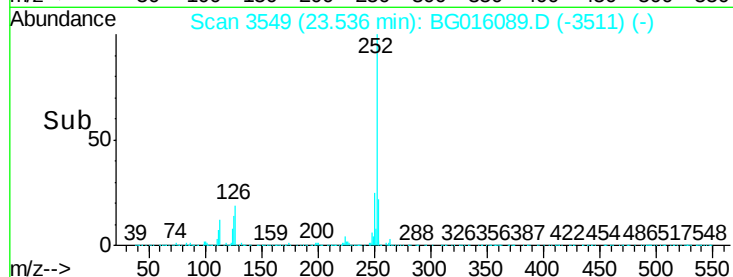
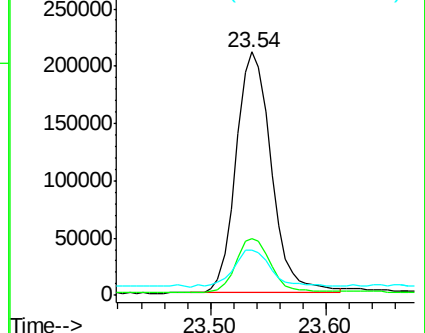
125 18.7 11.5 17.3#



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: 16.87 ng/ul

RT: 25.99 min Scan# 3967

Delta R.T. 0.04 min

Lab File: BG016089.D

Acq: 21 Mar 2015 5:46

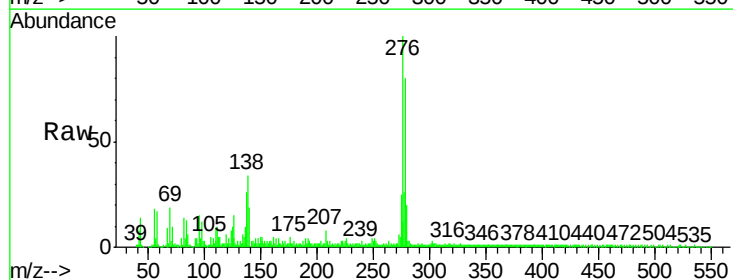
Tgt Ion:276 Resp: 433187

Ion Ratio Lower Upper

276 100

138 33.8 26.1 39.1

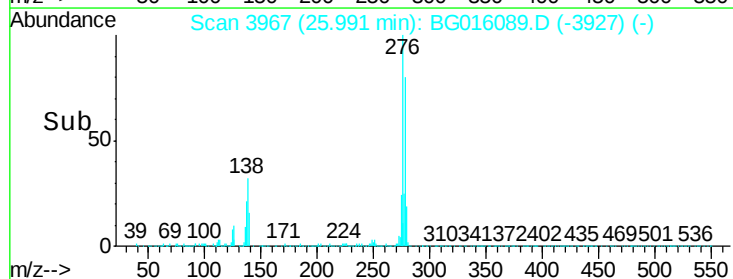
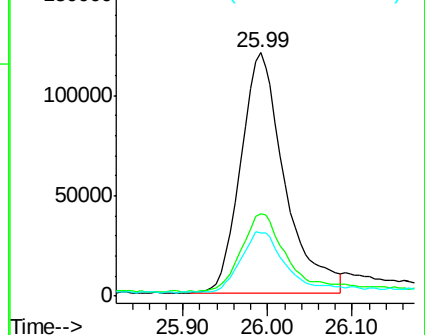
277 25.8 20.0 30.0

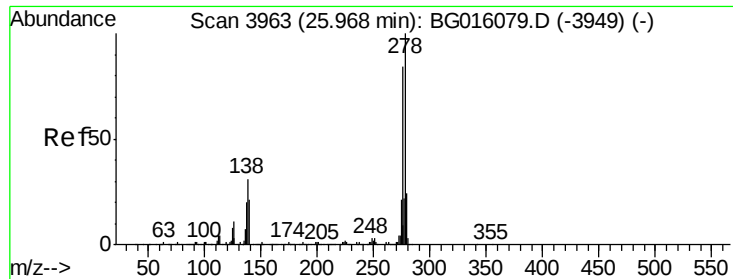


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 18.30 ng/ul

RT: 26.00 min Scan# 3969

Delta R.T. 0.04 min

Lab File: BG016089.D

Acq: 21 Mar 2015 5:46

Instrument :

BNA_G

ClientSampleId :

SSTD02030

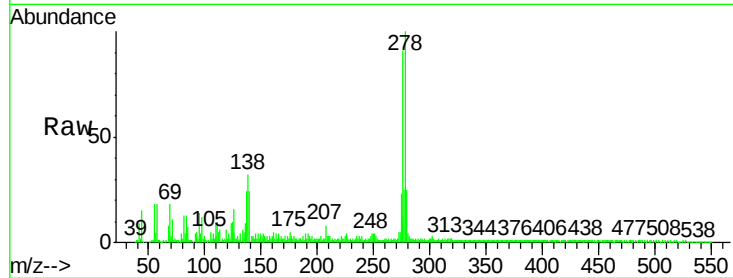
Tgt Ion:278 Resp: 393948

Ion Ratio Lower Upper

278 100

139 23.6 17.8 26.6

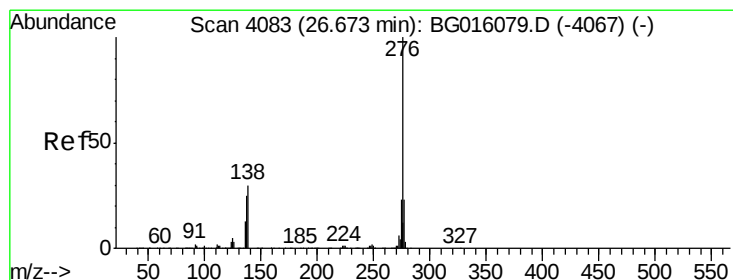
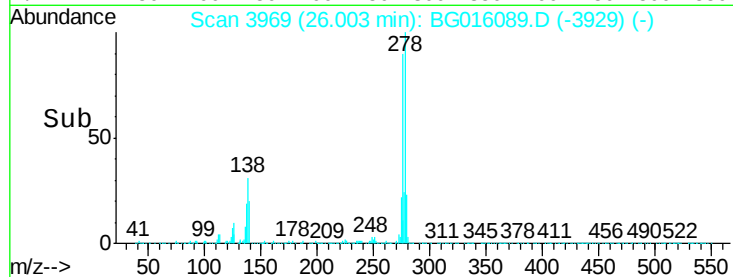
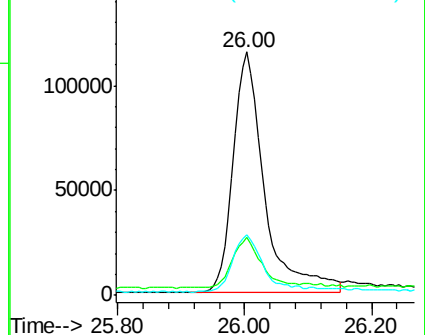
279 24.8 19.3 28.9



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: 15.33 ng/ul

RT: 26.71 min Scan# 4090

Delta R.T. 0.04 min

Lab File: BG016089.D

Acq: 21 Mar 2015 5:46

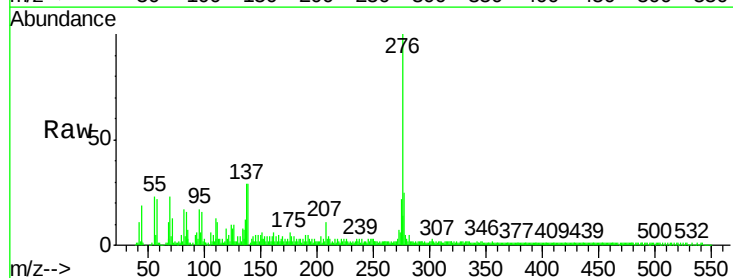
Tgt Ion:276 Resp: 330752

Ion Ratio Lower Upper

276 100

138 29.0 22.0 33.0

277 25.1 19.0 28.4



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

