

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122015\
 Data File : BG020375.D
 Acq On : 21 Dec 2015 12:14
 Operator : UM/SJ
 Sample : G4848-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N51

Quant Time: Dec 22 00:24:35 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 21 07:46:34 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	25190	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	6740	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.65	164	212	20.00	ng/ul	-0.08
62) Phenanthrene-d10	17.38	188	14691	20.00	ng/ul	-0.09
78) Chrysene-d12	21.66	240	6621	20.00	ng/ul	-0.09
86) Perylene-d12	24.93	264	212048	20.00	ng/ul	-0.08

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	1109	2.43	ng/uL	0.00
5) Phenol-d5	7.26	99	41991	18.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	27599	20.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	34465	21.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.81	113	36234	19.07	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	25181	479.28	ng/ul	0.03
22) 2-Nitrophenol-d4	10.01	143	10377	177.49	ng/ul	0.03
26) 2,4-Dichlorophenol-d3	10.59	165	23469	198.18	ng/ul	0.06
29) 4-Chloroaniline-d4	11.08	131	20375	153.16	ng/ul	0.03
44) Dimethylphthalate-d6	14.05	166	931	54.29	ng/ul	-0.07
47) Acenaphthylene-d8	14.47	160	144514	7243.20	ng/ul	0.04
52) 4-Nitrophenol-d4	14.88	143	866	281.58	ng/ul	-0.06
58) Fluorene-d10	15.64	176	93	5.98	ng/ul	-0.07
63) 4,6-Dinitro-2-methylphenol	15.75	200	749	8.60	ng/ul	-0.08
71) Anthracene-d10	17.46	188	246	0.36	ng/ul	-0.11
79) Pyrene-d10	19.77	212	2969	9.62	ng/ul	-0.08
90) Benzo(a)pyrene-d12	24.71	264	56	0.01	ng/ul	-0.08

Target Compounds

					Qvalue
4) Benzaldehyde	7.23	77	7717	5.37	ng/ul# 1
6) Phenol	7.29	94	18672	7.85	ng/ul 89
8) Bis(2-Chloroethyl)ether	7.53	93	17642	10.81	ng/ul# 29
11) 2-Methylphenol	8.55	108	47489	26.17	ng/ul 96
14) Acetophenone	8.90	105	8155	2.74	ng/ul# 65
16) 4-Methylphenol	8.88	108	103413	51.49	ng/ul 99
17) Hexachloroethane	9.21	117	51083	71.84	ng/ul# 1
20) Nitrobenzene	9.29	77	10058	72.24	ng/ul# 1
21) Isophorone	9.83	82	2199	8.27	ng/ul# 1
23) 2-Nitrophenol	10.18	139	459	7.32	ng/ul# 1
24) 2,4-Dimethylphenol	10.12	107	220557	1549.34	ng/ul 97
25) Bis(2-Chloroethoxy)methane	10.33	93	2508	17.42	ng/ul# 17
27) 2,4-Dichlorophenol	10.58	162	223	1.83	ng/ul# 1
28) Naphthalene	11.12	128	17596237	49992.95	ng/ul# 26
30) 4-Chloroaniline	11.09	127	4461084	32852.12	ng/ul# 12
32) Caprolactam	11.85	113	560	13.04	ng/ul# 59
33) 4-Chloro-3-methylphenol	12.21	107	518	3.58	ng/ul# 1
34) 2-Methylnaphthalene	12.69	142	10397797	38674.81	ng/ul 94
35) 1-Methylnaphthalene	12.93	142	8118011	31407.89	ng/ul# 91
41) 1,1'-Biphenyl	13.64	154	6477896	405020.60	ng/ul# 53
42) 2-Chloronaphthalene	13.53	162	256	19.99	ng/ul# 1
43) 2-Nitroaniline	13.74	65	4363	1002.17	ng/ul# 24
45) Dimethylphthalate	14.07	163	70	4.00	ng/ul# 19

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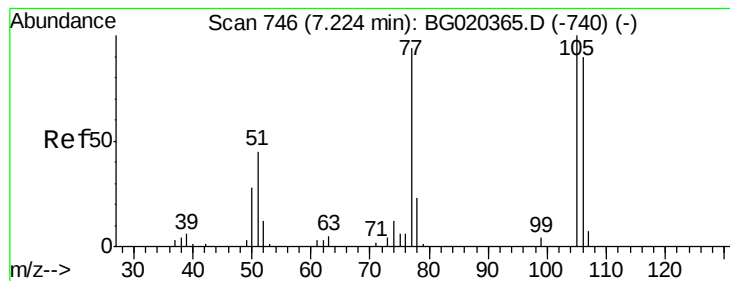
Instrument :
 BNA_G
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Quant Time: Dec 22 00:24:35 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

46) 2,6-Dinitrotoluene	14.18	165	98231	27113.81	ng/ul#	73
48) Acenaphthylene	14.37	152	104994	4953.55	ng/ul#	1
49) 3-Nitroaniline	14.55	138	102	29.00	ng/ul#	1
50) Acenaphthene	14.62	153	3473	243.53	ng/ul#	1
51) 2,4-Dinitrophenol	14.70	184	157	76.14	ng/ul#	1
53) 4-Nitrophenol	14.86	109	12213	4128.34	ng/ul#	1
54) Dibenzofuran	15.01	168	13725	646.96	ng/ul#	1
55) 2,4-Dinitrotoluene	15.01	165	48218	9067.63	ng/ul#	1
56) 2,3,4,6-Tetrachlorophenol	15.36	232	114	20.90	ng/ul#	1
57) Diethylphthalate	15.46	149	1441	79.28	ng/ul#	1
59) Fluorene	15.65	166	123016	7220.90	ng/ul#	1
60) 4-Chlorophenyl-phenylether	15.67	204	727	75.68	ng/ul#	1
61) 4-Nitroaniline	15.72	138	2716	714.30	ng/ul#	51
64) 4,6-Dinitro-2-methylphenol	15.78	198	612	6.55	ng/ul#	1
65) N-Nitrosodiphenylamine	15.85	169	31467	77.04	ng/ul#	1
68) Atrazine	16.85	200	552	3.17	ng/ul#	1
70) Phenanthrene	17.42	178	39864	49.61	ng/ul#	1
72) Anthracene	17.42	178	39161	48.05	ng/ul#	1
75) Carbazole	17.75	167	7286	10.64	ng/ul#	1
76) Di-n-butylphthalate	18.35	149	829	1.04	ng/ul#	1
77) Fluoranthene	19.40	202	358412	381.64	ng/ul#	38
80) Pyrene	19.81	202	389112	971.01	ng/ul#	94
81) Butylbenzylphthalate	20.66	149	5896	42.34	ng/ul#	43
82) 3,3'-Dichlorobenzidine	21.55	252	11125	91.97	ng/ul#	44
83) Benzo(a)anthracene	21.64	228	2571	6.65	ng/ul#	1
84) Bis(2-ethylhexyl)phthalate	21.52	149	10208	51.27	ng/ul#	83
85) Chrysene	21.69	228	3514	9.66	ng/ul#	1
88) Benzo(b)fluoranthene	23.80	252	51028	4.00	ng/ul#	1
91) Benzo(a)pyrene	24.70	252	155153	12.82	ng/ul#	1
93) Dibenzo(a,h)anthracene	28.77	278	38026	3.18	ng/ul	95

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



#4

Benzaldehyde

Concen: 5.37 ng/ul

RT: 7.23 min Scan# 748

Delta R.T. 0.01 min

Lab File: BG020375.D

Acq: 21 Dec 2015 12:14

Instrument :

BNA_G

ClientSampleId :

D9N51

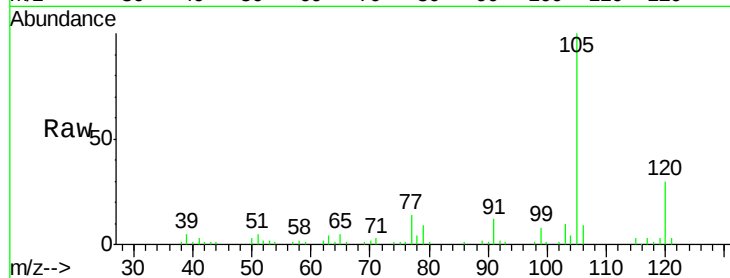
Tgt Ion: 77 Resp: 7717

Ion Ratio Lower Upper

77 100

105 718.6 77.8 116.6#

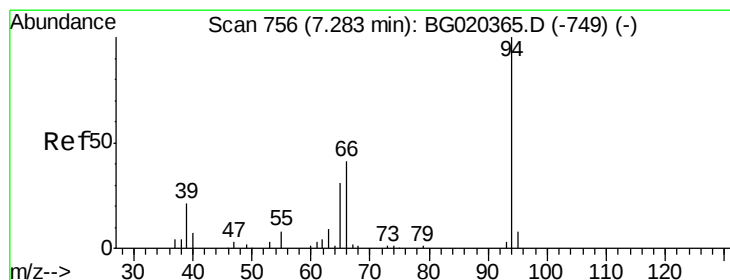
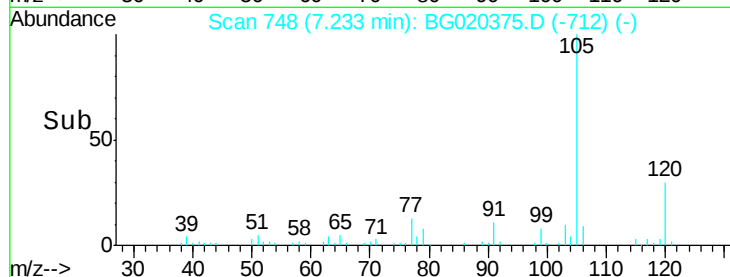
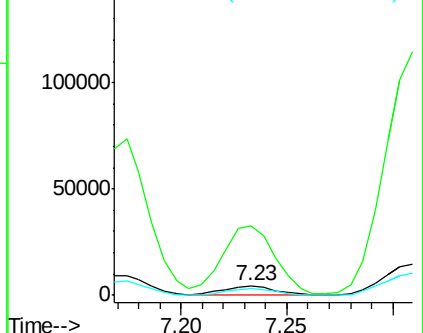
106 68.2 72.6 109.0#



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#6

Phenol

Concen: 7.85 ng/ul

RT: 7.29 min Scan# 757

Delta R.T. 0.00 min

Lab File: BG020375.D

Acq: 21 Dec 2015 12:14

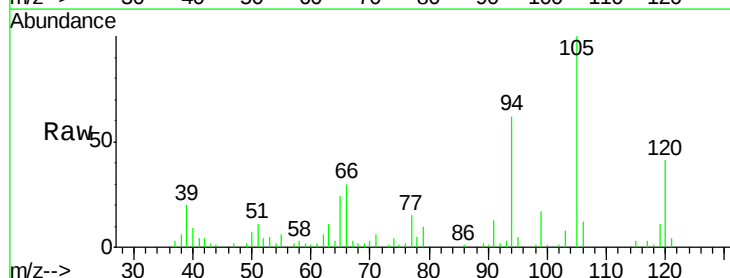
Tgt Ion: 94 Resp: 18672

Ion Ratio Lower Upper

94 100

65 38.9 26.3 39.5

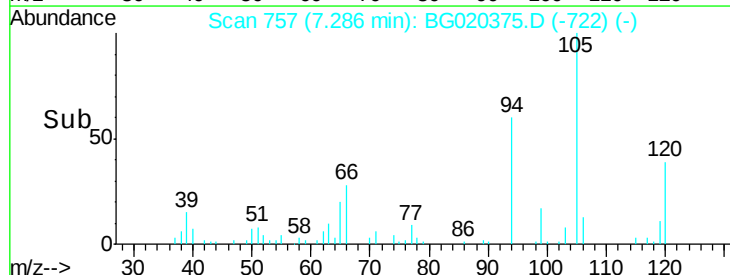
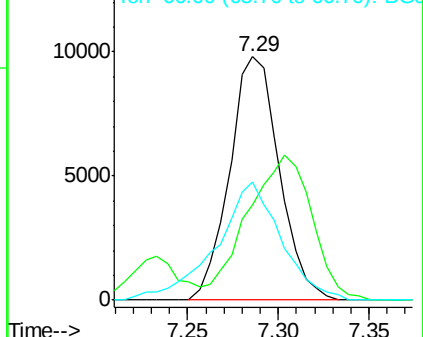
66 48.6 33.3 49.9

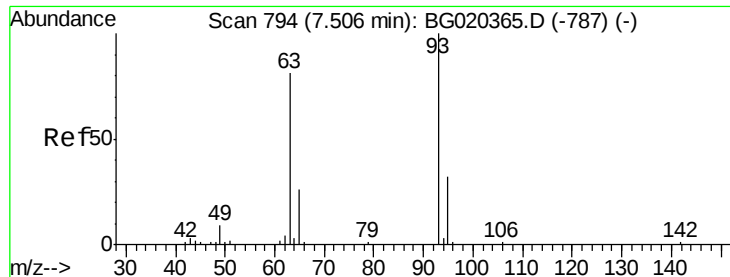


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#8

Bis(2-Chloroethyl)ether

Concen: 10.81 ng/ul

RT: 7.53 min Scan# 798

Delta R.T. 0.02 min

Lab File: BG020375.D

Acq: 21 Dec 2015 12:14

Instrument :

BNA_G

ClientSampleId :

D9N51

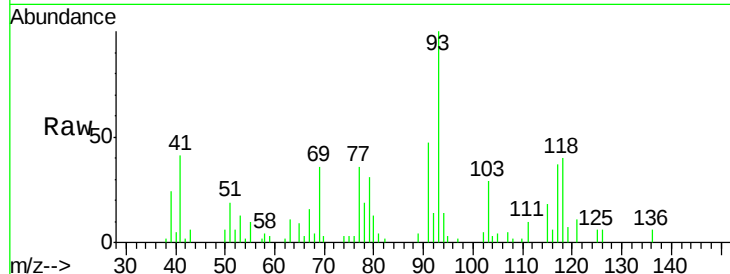
Tgt Ion: 93 Resp: 17642

Ion Ratio Lower Upper

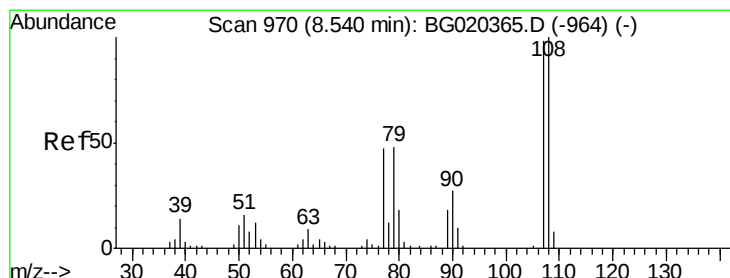
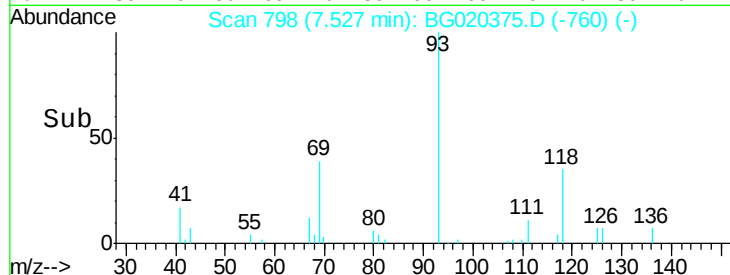
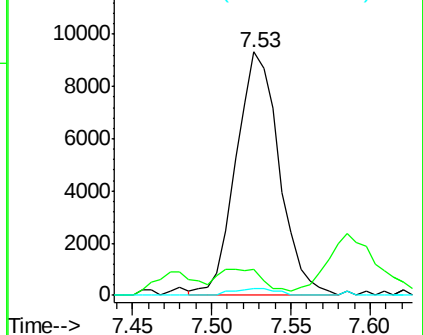
93 100

63 10.6 63.6 95.4#

95 2.7 23.7 35.5#



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



#11

2-Methylphenol

Concen: 26.17 ng/ul

RT: 8.55 min Scan# 972

Delta R.T. 0.01 min

Lab File: BG020375.D

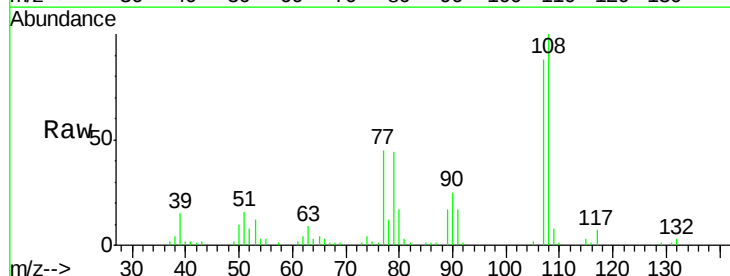
Acq: 21 Dec 2015 12:14

Tgt Ion: 108 Resp: 47489

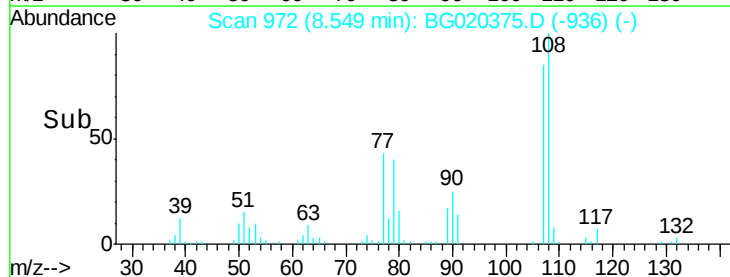
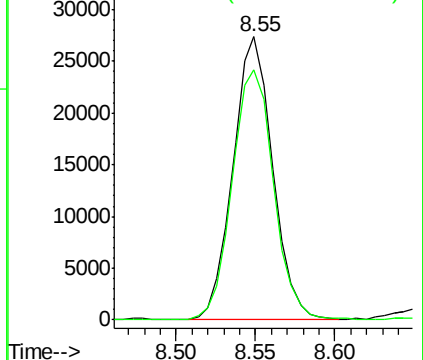
Ion Ratio Lower Upper

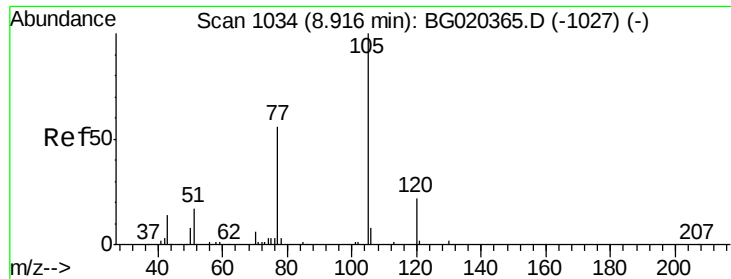
108 100

107 88.2 67.5 101.3



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

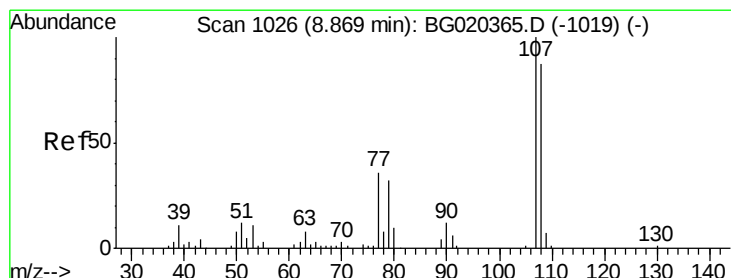
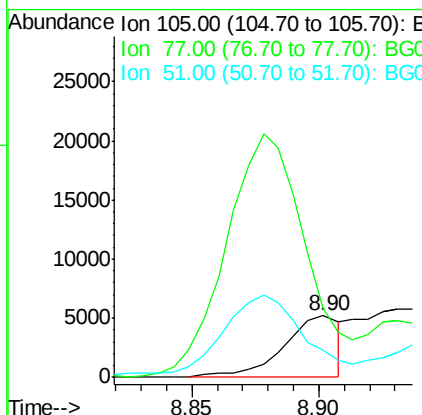
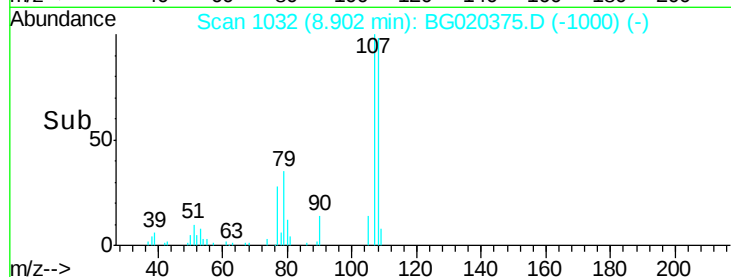
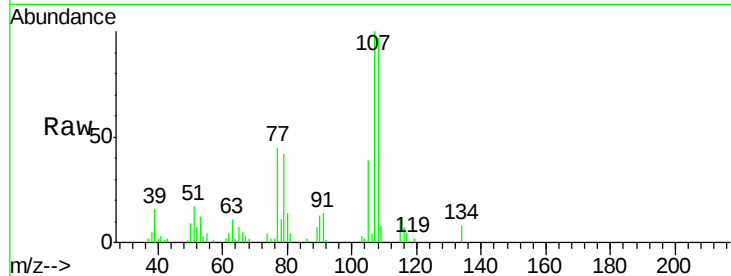




#14
Acetophenone
Concen: 2.74 ng/ul
RT: 8.90 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BG020375.D
Acq: 21 Dec 2015 12:14

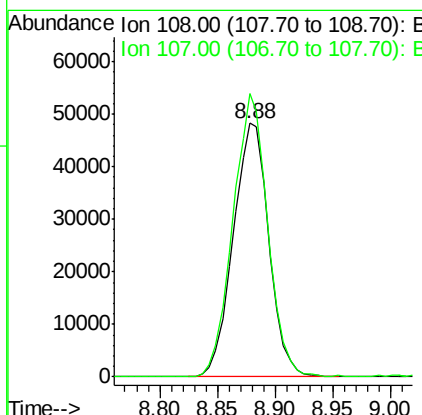
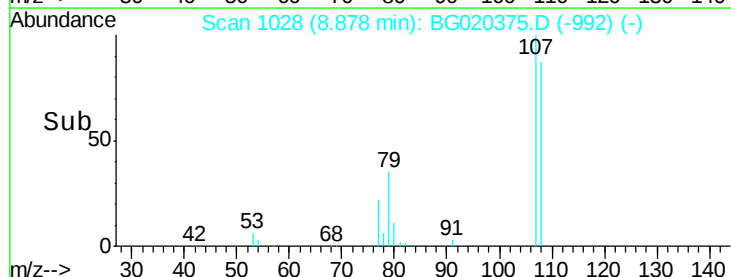
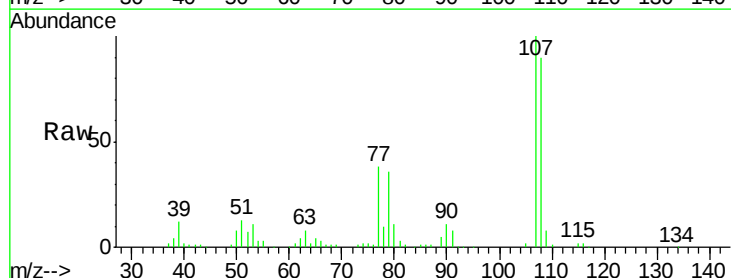
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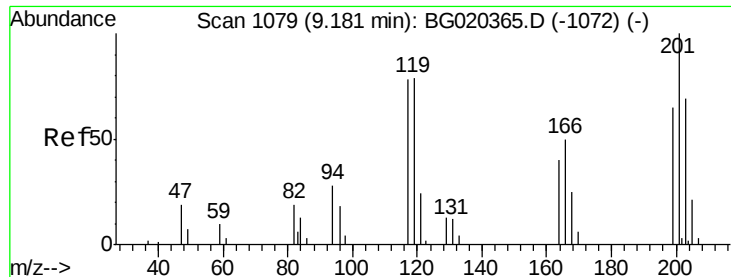
Tgt Ion:105 Resp: 8155
Ion Ratio Lower Upper
105 100
77 113.8 65.2 97.8#
51 44.4 22.6 33.8#



#16
4-Methylphenol
Concen: 51.49 ng/ul
RT: 8.88 min Scan# 1028
Delta R.T. 0.01 min
Lab File: BG020375.D
Acq: 21 Dec 2015 12:14

Tgt Ion:108 Resp: 103413
Ion Ratio Lower Upper
108 100
107 111.7 88.9 133.3

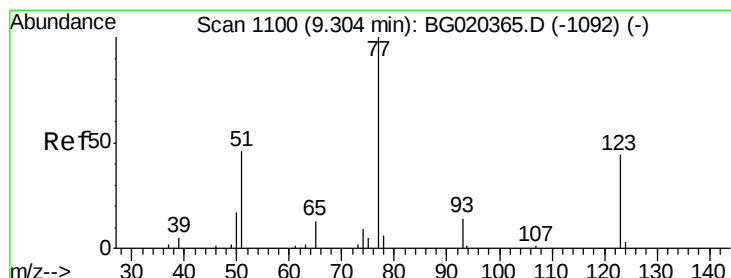
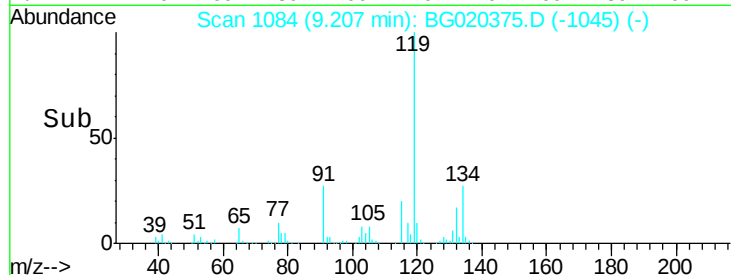
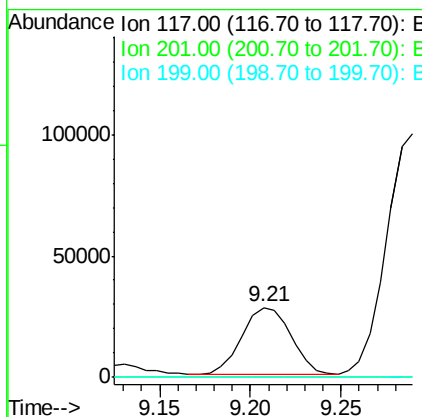
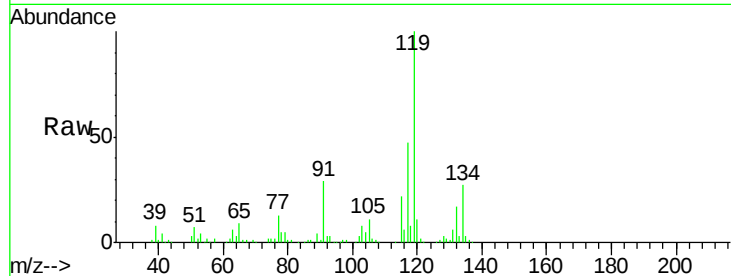




#17
Hexachloroethane
Concen: 71.84 ng/ul
RT: 9.21 min Scan# 1084
Delta R.T. 0.03 min
Lab File: BG020375.D
Acq: 21 Dec 2015 12:14

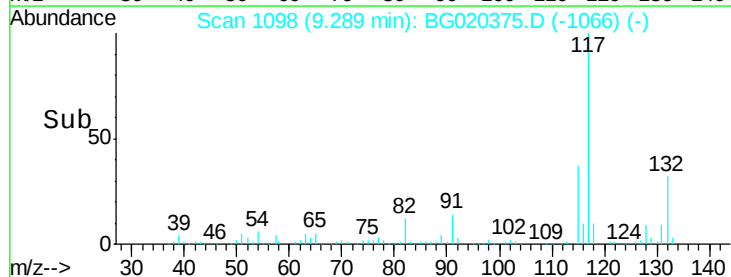
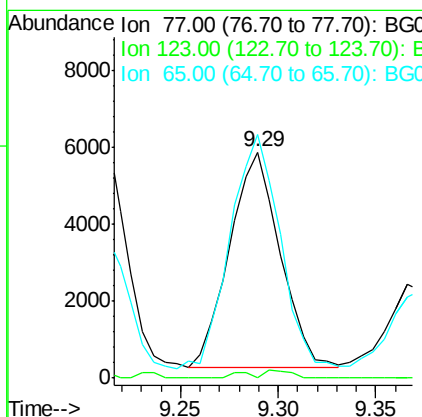
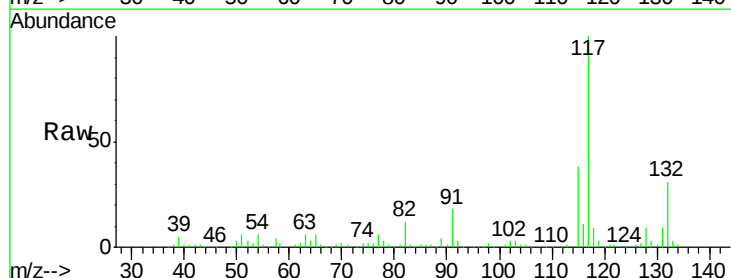
Instrument :
BNA_G
ClientSampled :
D9N51

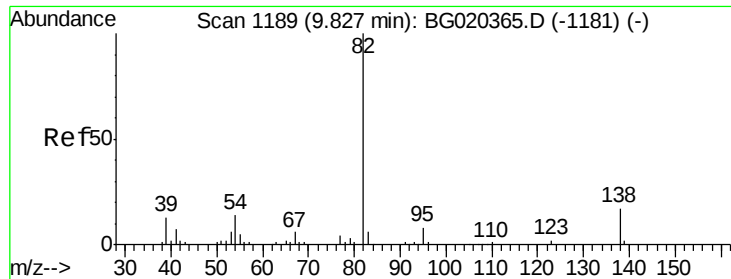
Tgt Ion:117 Resp: 51083
Ion Ratio Lower Upper
117 100
201 0.0 102.7 154.1#
199 0.0 65.8 98.8#



#20
Nitrobenzene
Concen: 72.24 ng/ul
RT: 9.29 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BG020375.D
Acq: 21 Dec 2015 12:14

Tgt Ion: 77 Resp: 10058
Ion Ratio Lower Upper
77 100
123 0.0 33.4 50.0#
65 107.6 11.7 17.5#





#21

Isophorone

Concen: 8.27 ng/ul

RT: 9.83 min Scan# 1190

Delta R.T. 0.00 min

Lab File: BG020375.D

Acq: 21 Dec 2015 12:14

Instrument :

BNA_G

ClientSampled :

D9N51

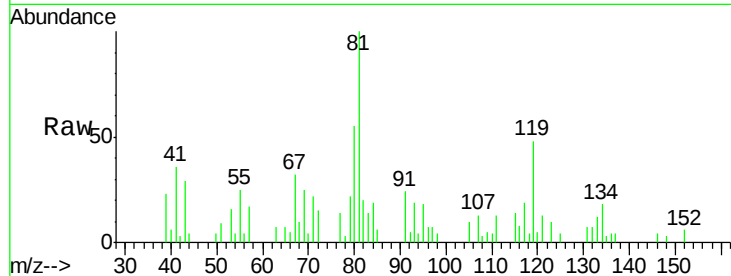
Tgt Ion: 82 Resp: 2199

Ion Ratio Lower Upper

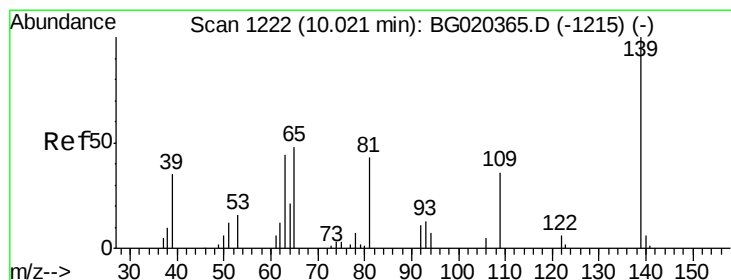
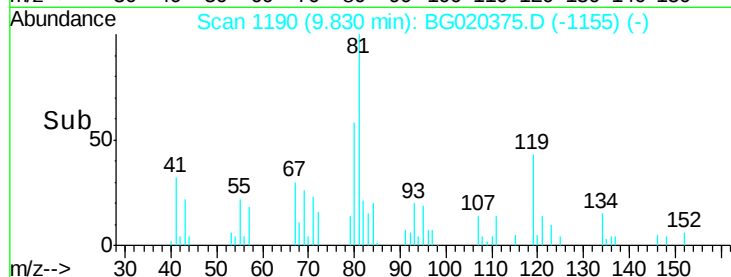
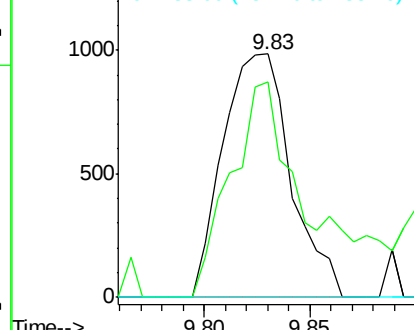
82 100

95 88.2 6.2 9.2#

138 0.0 13.4 20.2#



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



#23

2-Nitrophenol

Concen: 7.32 ng/ul

RT: 10.18 min Scan# 1250

Delta R.T. 0.16 min

Lab File: BG020375.D

Acq: 21 Dec 2015 12:14

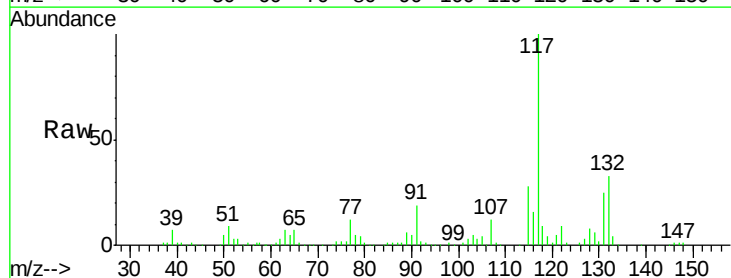
Tgt Ion: 139 Resp: 459

Ion Ratio Lower Upper

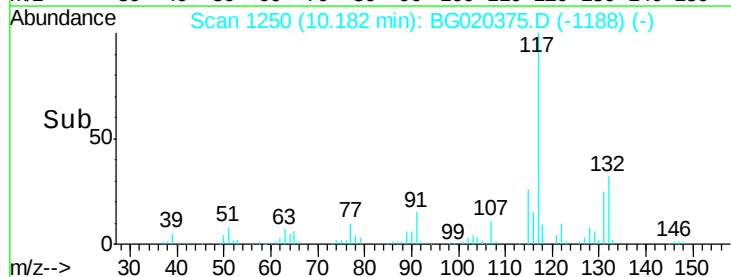
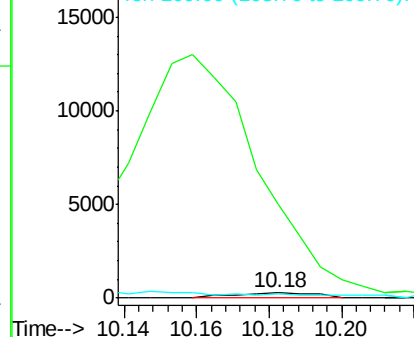
139 100

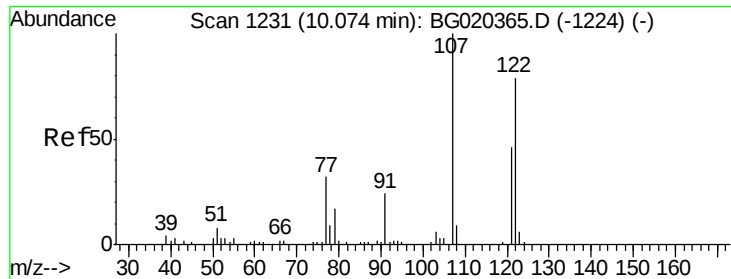
65 1878.6 45.1 67.7#

109 86.5 29.6 44.4#



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

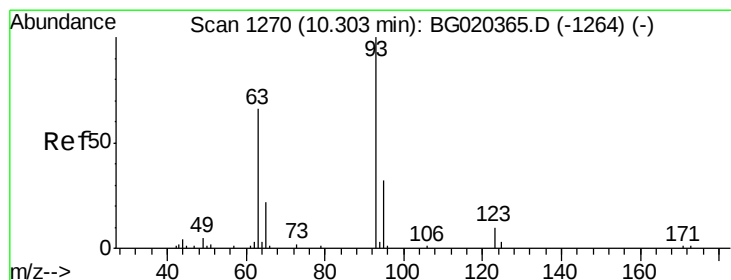
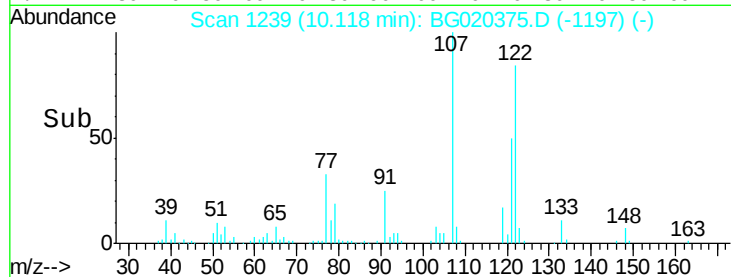
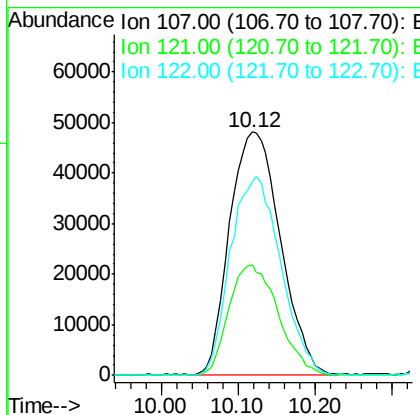
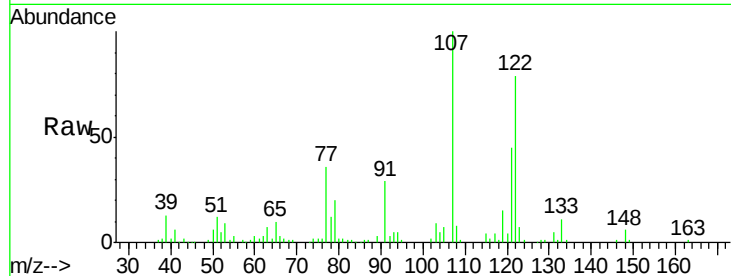




#24
 2,4-Dimethylphenol
 Concen: 1549.34 ng/ul
 RT: 10.12 min Scan# 1239
 Delta R.T. 0.04 min
 Lab File: BG020375.D
 Acq: 21 Dec 2015 12:14

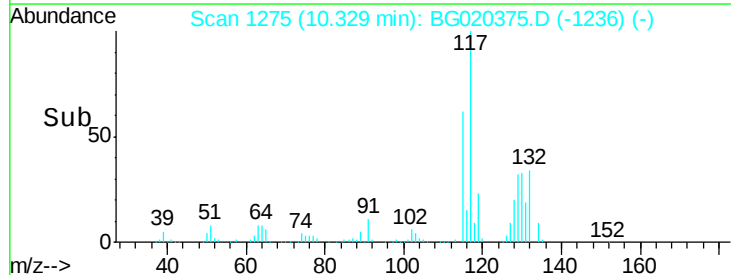
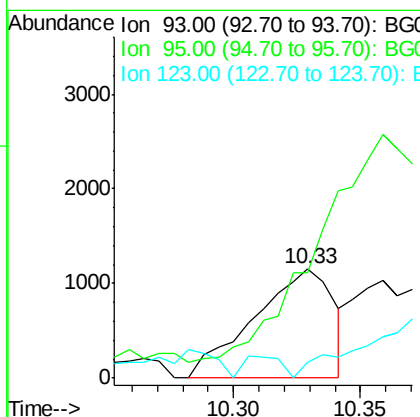
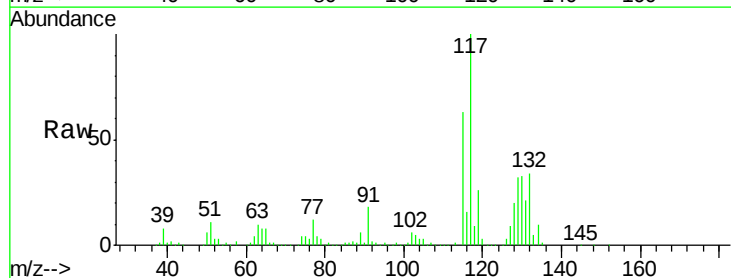
Instrument :
 BNA_G
 ClientSampleId :
 D9N51

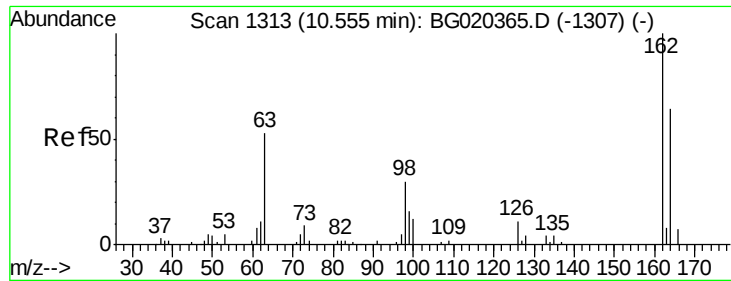
Tgt Ion: 107 Resp: 220557
 Ion Ratio Lower Upper
 107 100
 121 45.5 39.0 58.4
 122 79.4 62.1 93.1



#25
 Bis(2-Chloroethoxy)methane
 Concen: 17.42 ng/ul
 RT: 10.33 min Scan# 1275
 Delta R.T. 0.03 min
 Lab File: BG020375.D
 Acq: 21 Dec 2015 12:14

Tgt Ion: 93 Resp: 2508
 Ion Ratio Lower Upper
 93 100
 95 96.8 27.4 41.2#
 123 14.9 9.4 14.0#

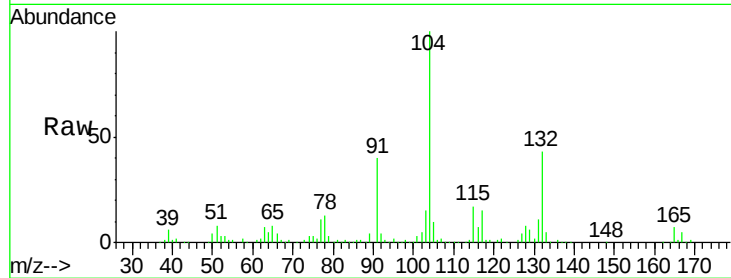




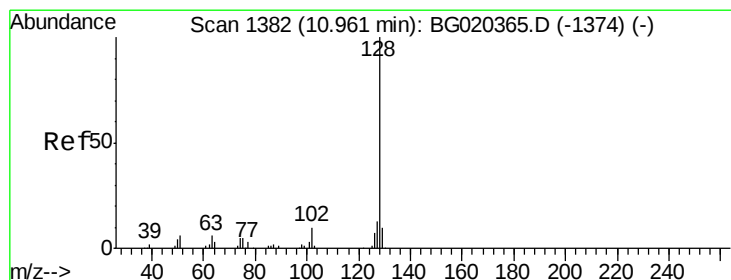
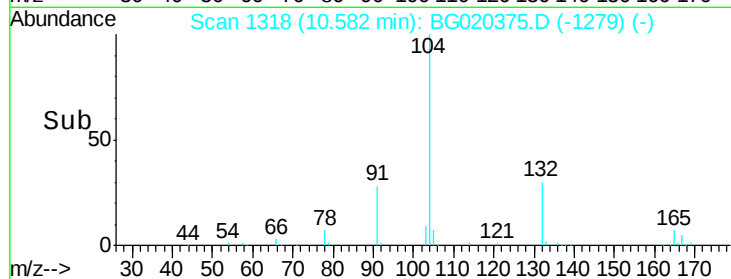
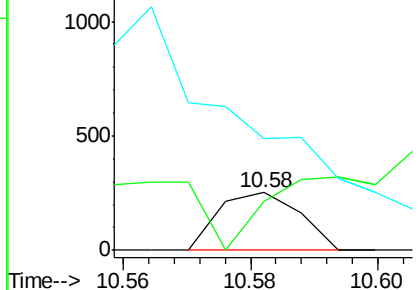
#27
 2,4-Dichlorophenol
 Concen: 1.83 ng/ul
 RT: 10.58 min Scan# 1318
 Delta R.T. 0.03 min
 Lab File: BG020375.D
 Acq: 21 Dec 2015 12:14

Instrument :
 BNA_G
 ClientSampleId :
 D9N51

Tgt Ion:162 Resp: 223
 Ion Ratio Lower Upper
 162 100
 164 84.9 48.2 72.2#
 98 194.8 27.2 40.8#

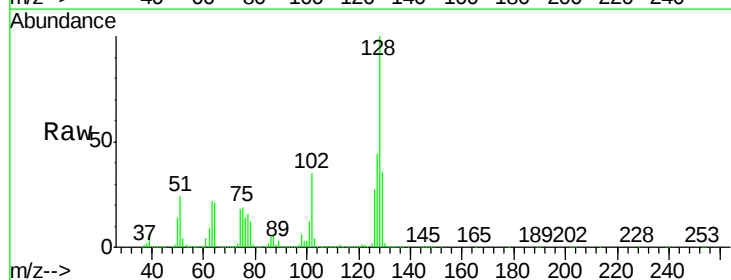


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

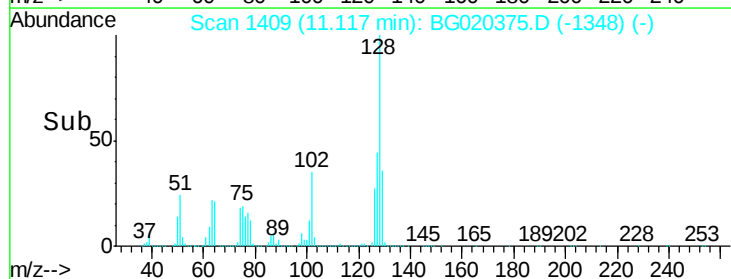
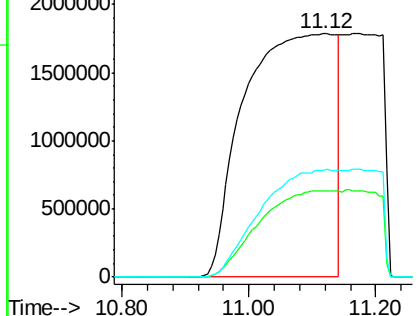


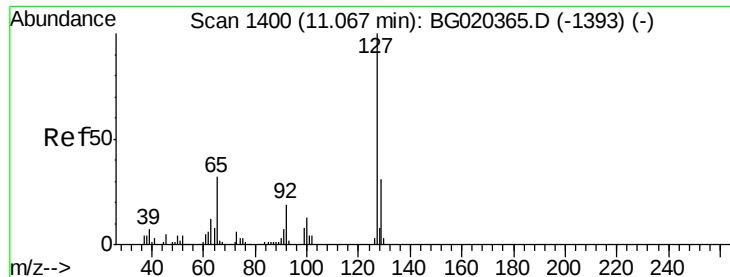
#28
 Naphthalene
 Concen: 49992.95 ng/ul
 RT: 11.12 min Scan# 1409
 Delta R.T. 0.16 min
 Lab File: BG020375.D
 Acq: 21 Dec 2015 12:14

Tgt Ion:128 Resp:17596237
 Ion Ratio Lower Upper
 128 100
 129 35.6 8.6 12.8#
 127 44.0 10.1 15.1#



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E

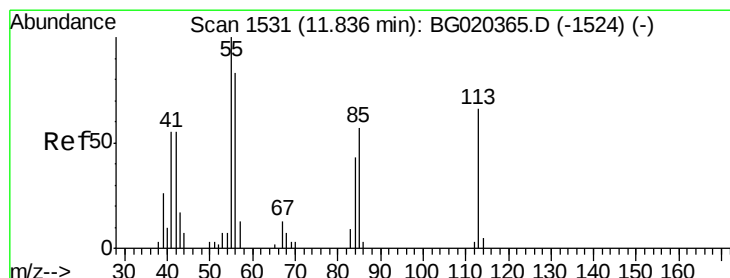
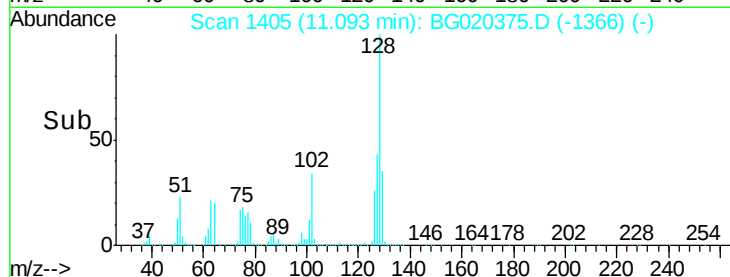
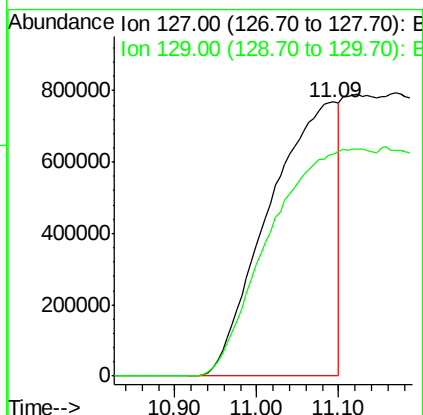
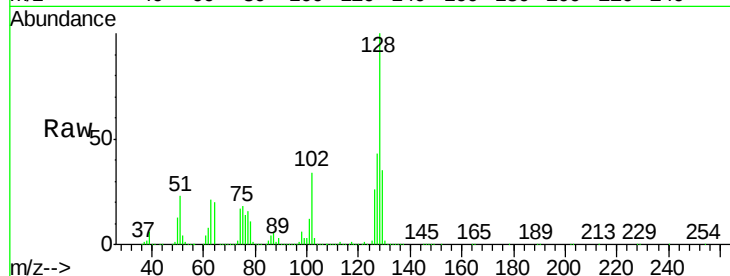




#30
4-Chloroaniline
Concen: 32852.12 ng/ul
RT: 11.09 min Scan# 1405
Delta R.T. 0.03 min
Lab File: BG020375.D
Acq: 21 Dec 2015 12:14

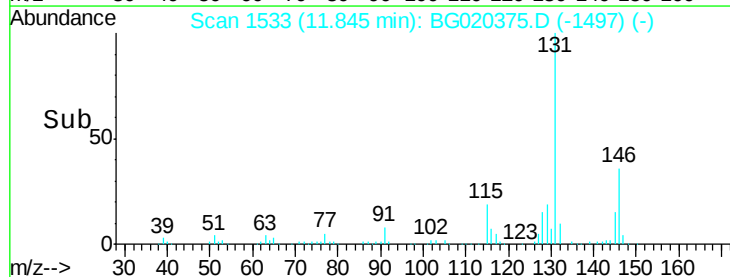
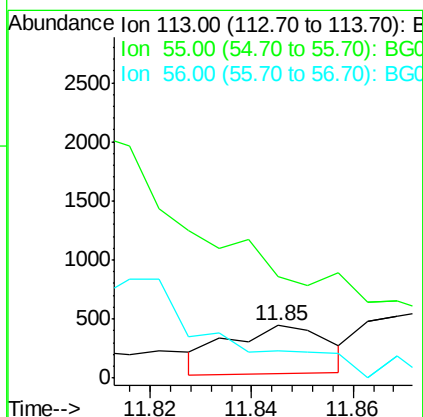
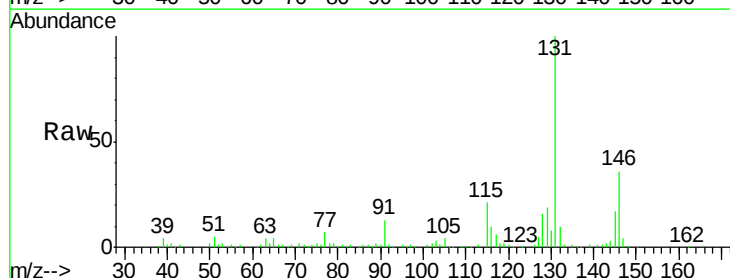
Instrument :
BNA_G
ClientSampleId :
D9N51

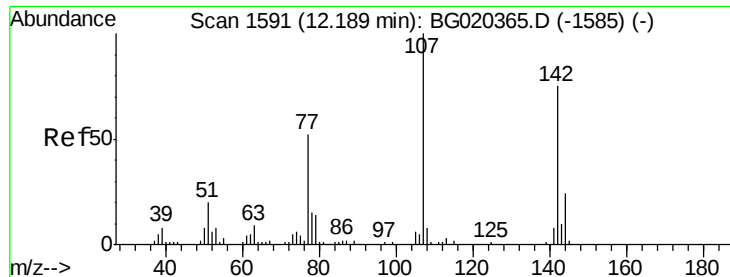
Tgt Ion:127 Resp: 4461084
Ion Ratio Lower Upper
127 100
129 81.2 25.7 38.5#



#32
Caprolactam
Concen: 13.04 ng/ul
RT: 11.85 min Scan# 1533
Delta R.T. 0.01 min
Lab File: BG020375.D
Acq: 21 Dec 2015 12:14

Tgt Ion:113 Resp: 560
Ion Ratio Lower Upper
113 100
55 191.5 132.1 198.1
56 50.6 103.3 154.9#

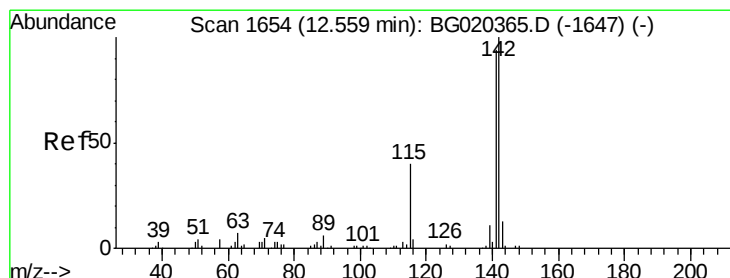
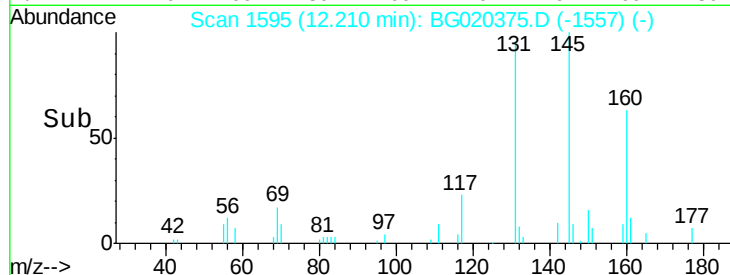
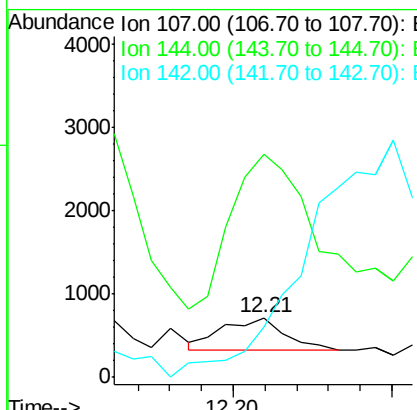
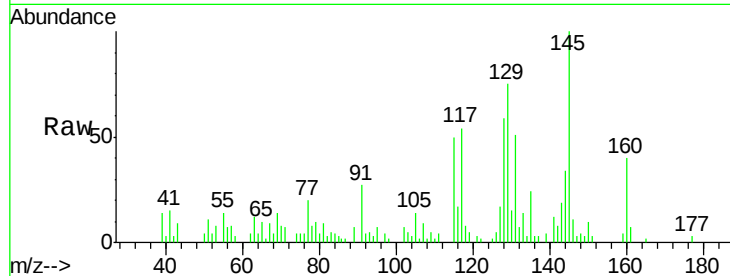




#33
 4-Chloro-3-methylphenol
 Concen: 3.58 ng/ul
 RT: 12.21 min Scan# 1595
 Delta R.T. 0.02 min
 Lab File: BG020375.D
 Acq: 21 Dec 2015 12:14

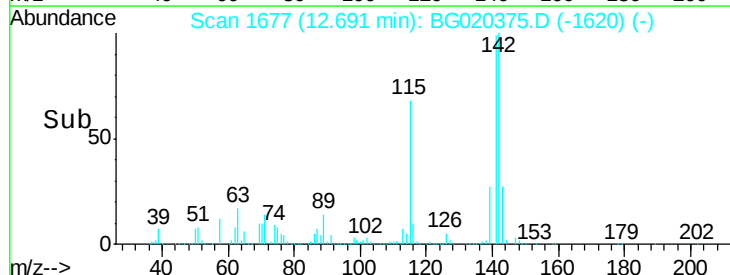
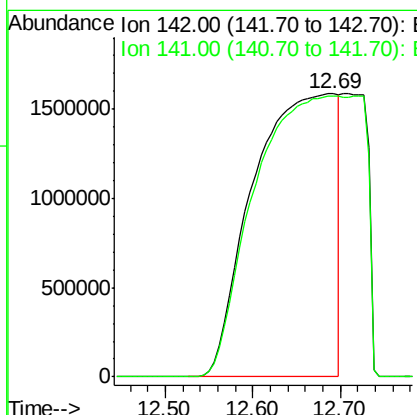
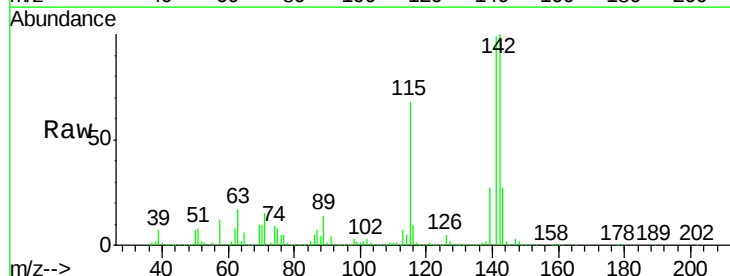
Instrument :
 BNA_G
 ClientSampleId :
 D9N51

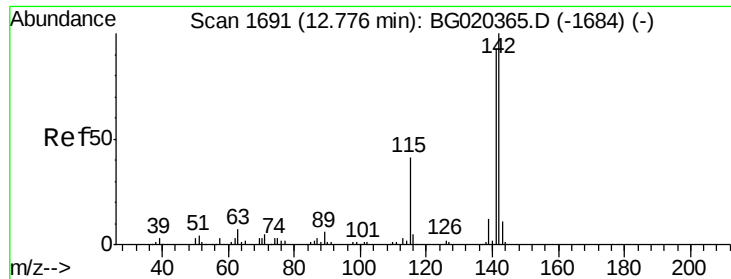
Tgt Ion:107 Resp: 518
 Ion Ratio Lower Upper
 107 100
 144 374.8 18.7 28.1#
 142 84.9 52.8 79.2#



#34
 2-Methylnaphthalene
 Concen: 38674.81 ng/ul
 RT: 12.69 min Scan# 1677
 Delta R.T. 0.13 min
 Lab File: BG020375.D
 Acq: 21 Dec 2015 12:14

Tgt Ion:142 Resp:10397797
 Ion Ratio Lower Upper
 142 100
 141 99.3 74.9 112.3

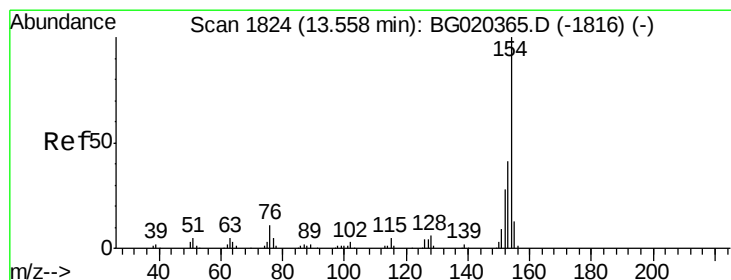
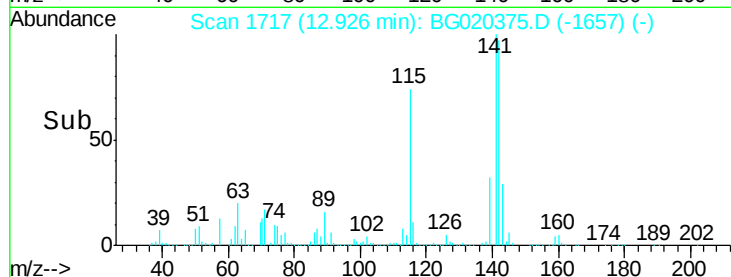
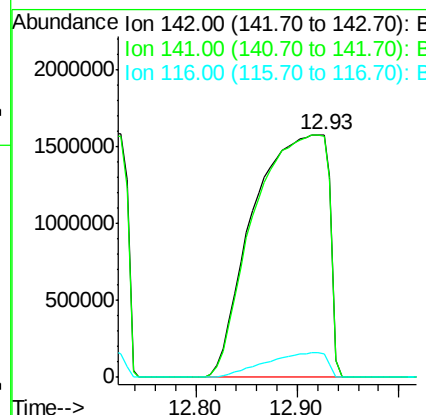
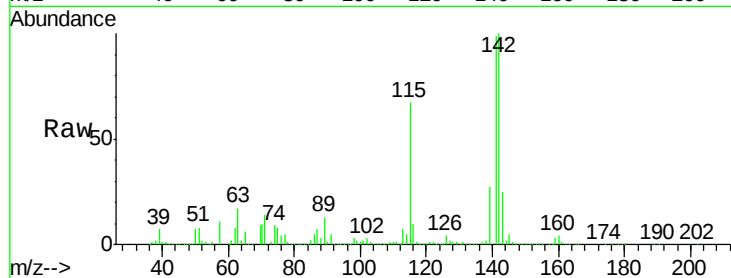




#35
 1-Methylnaphthalene
 Concen: 31407.89 ng/u1
 RT: 12.93 min Scan# 1717
 Delta R.T. 0.15 min
 Lab File: BG020375.D
 Acq: 21 Dec 2015 12:14

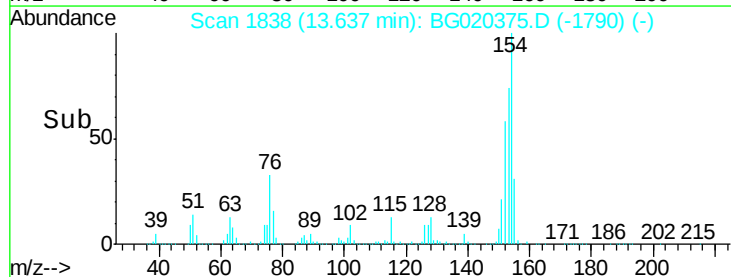
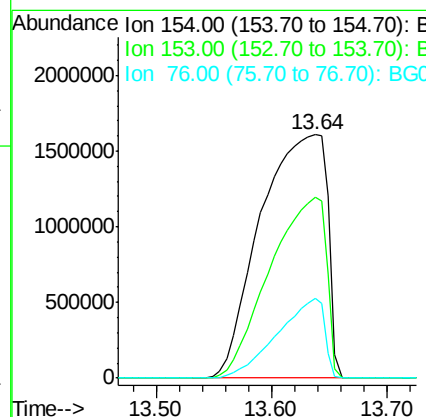
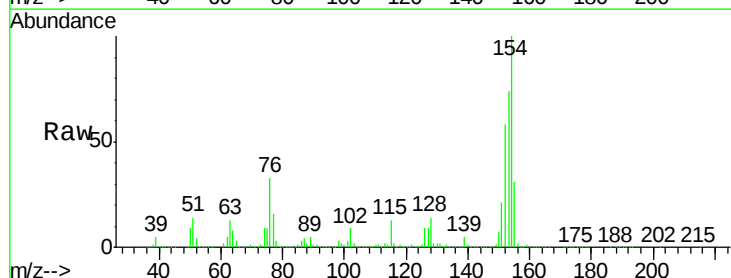
Instrument :
 BNA_G
 ClientSampleId :
 D9N51

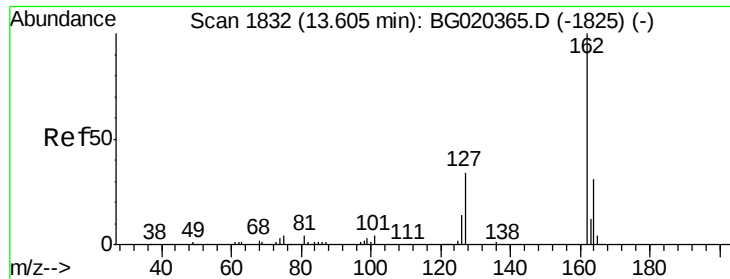
Tgt Ion:142 Resp: 8118011
 Ion Ratio Lower Upper
 142 100
 141 99.5 73.0 109.6
 116 9.8 3.0 4.6#



#41
 1,1'-Biphenyl
 Concen: 405020.60 ng/u1
 RT: 13.64 min Scan# 1838
 Delta R.T. 0.08 min
 Lab File: BG020375.D
 Acq: 21 Dec 2015 12:14

Tgt Ion:154 Resp: 6477896
 Ion Ratio Lower Upper
 154 100
 153 74.4 35.5 53.3#
 76 32.7 10.4 15.6#

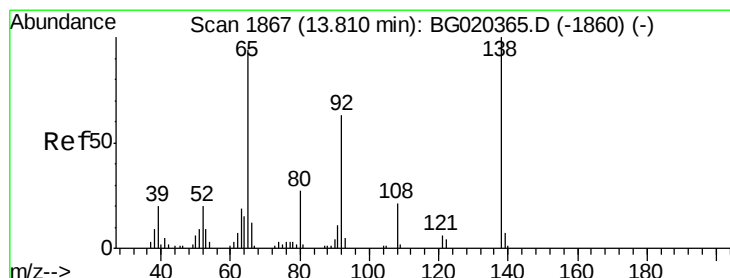
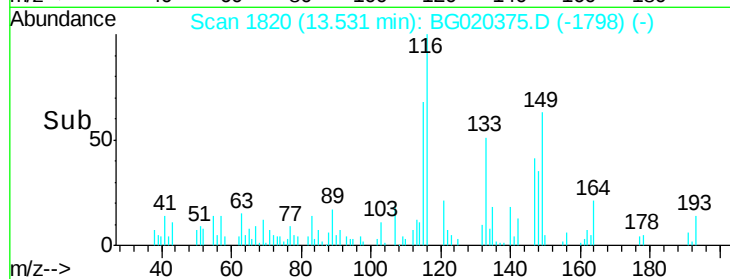
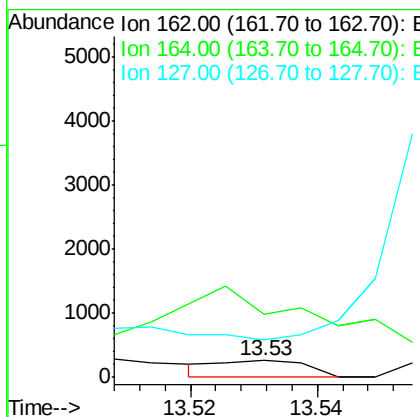
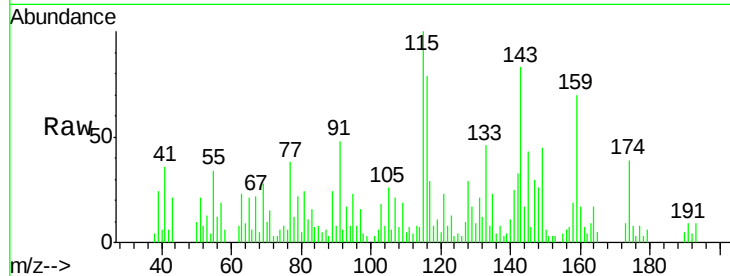




#42
 2-Chloronaphthalene
 Concen: 19.99 ng/ul
 RT: 13.53 min Scan# 1820
 Delta R.T. -0.07 min
 Lab File: BG020375.D
 Acq: 21 Dec 2015 12:14

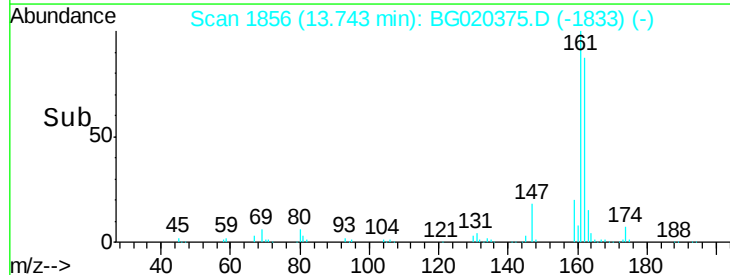
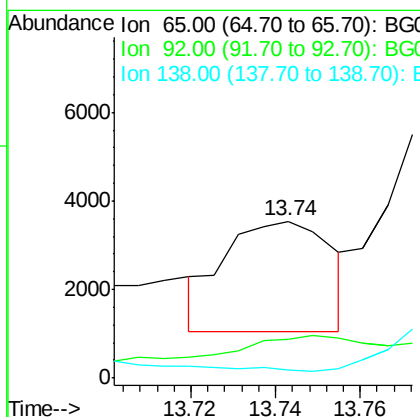
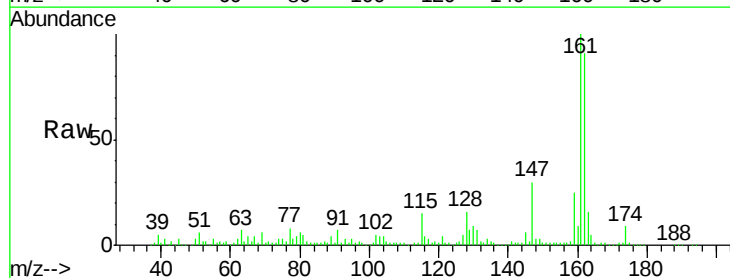
Instrument :
 BNA_G
 ClientSampled :
 D9N51

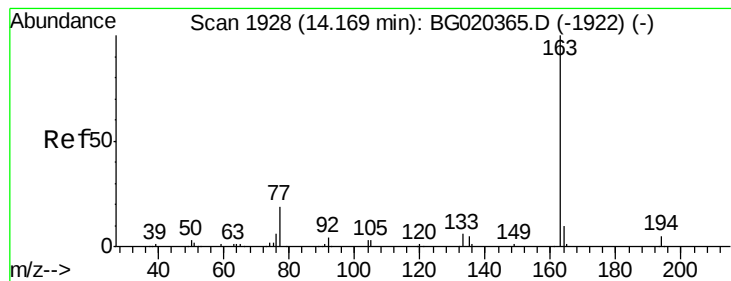
Tgt Ion: 162 Resp: 256
 Ion Ratio Lower Upper
 162 100
 164 374.0 25.0 37.6#
 127 226.0 29.9 44.9#



#43
 2-Nitroaniline
 Concen: 1002.17 ng/ul
 RT: 13.74 min Scan# 1856
 Delta R.T. -0.07 min
 Lab File: BG020375.D
 Acq: 21 Dec 2015 12:14

Tgt Ion: 65 Resp: 4363
 Ion Ratio Lower Upper
 65 100
 92 24.6 53.1 79.7#
 138 5.3 76.6 114.8#





#45

Dimethylphthalate

Concen: 4.00 ng/ul

RT: 14.07 min Scan# 1911

Delta R.T. -0.10 min

Lab File: BG020375.D

Acq: 21 Dec 2015 12:14

Instrument :

BNA_G

ClientSampleId :

D9N51

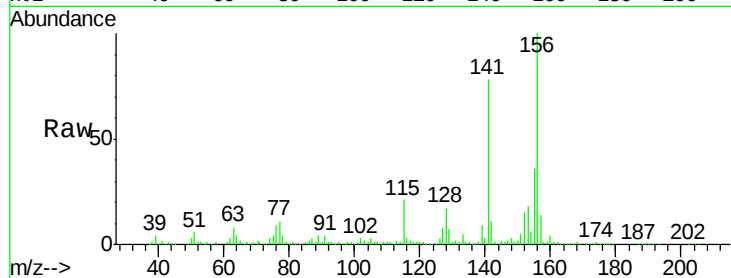
Tgt Ion:163 Resp: 70

Ion Ratio Lower Upper

163 100

194 0.0 3.5 5.3#

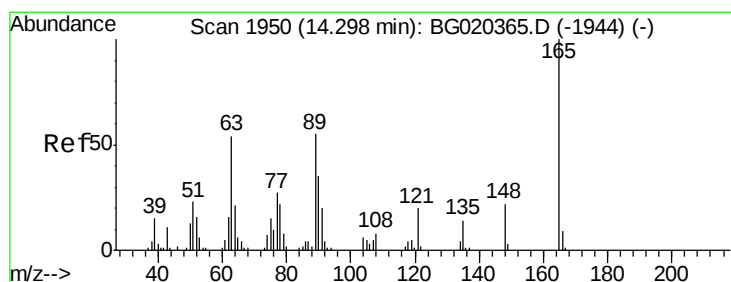
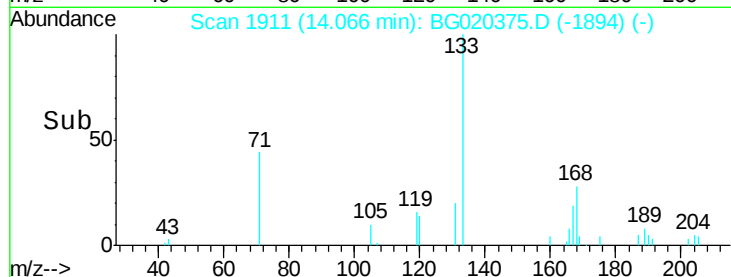
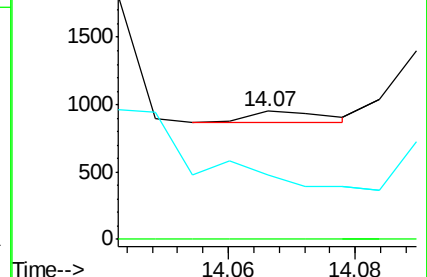
164 50.5 7.7 11.5#



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



#46

2,6-Dinitrotoluene

Concen: 27113.81 ng/ul

RT: 14.18 min Scan# 1930

Delta R.T. -0.12 min

Lab File: BG020375.D

Acq: 21 Dec 2015 12:14

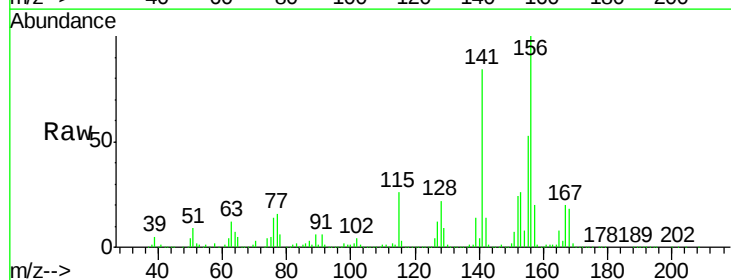
Tgt Ion:165 Resp: 98231

Ion Ratio Lower Upper

165 100

89 75.5 47.0 70.4#

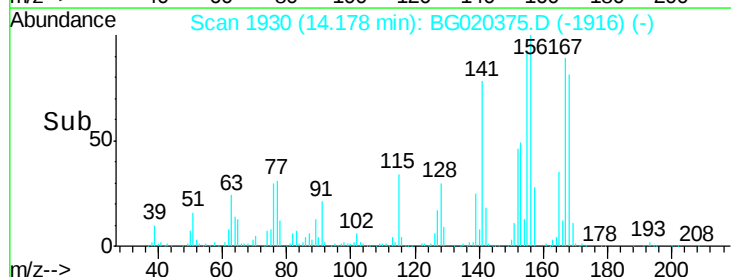
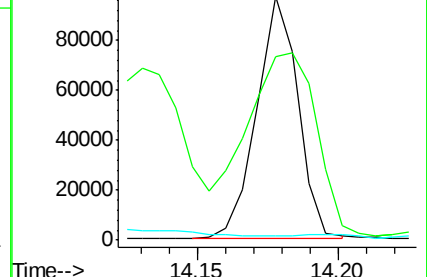
121 2.0 17.0 25.6#

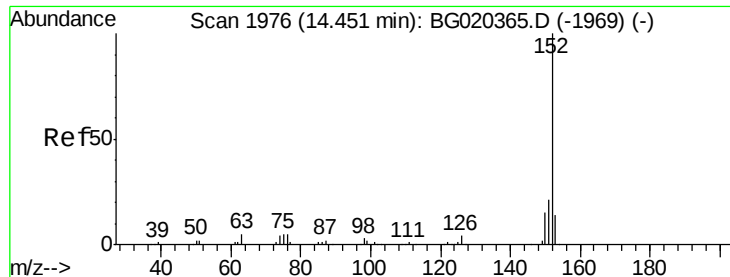


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BG

Ion 121.00 (120.70 to 121.70): E





#48

Acenaphthylene

Concen: 4953.55 ng/ul

RT: 14.37 min Scan# 1963

Delta R.T. -0.08 min

Lab File: BG020375.D

Acq: 21 Dec 2015 12:14

Instrument :

BNA_G

ClientSampleId :

D9N51

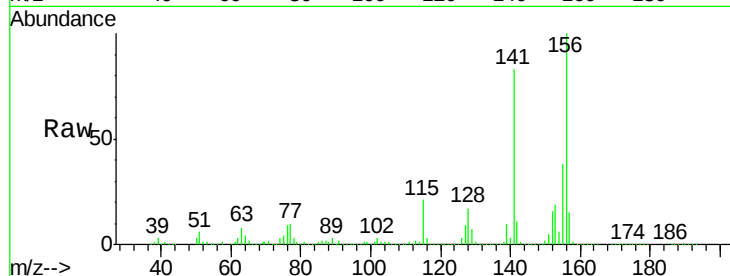
Tgt Ion:152 Resp: 104994

Ion Ratio Lower Upper

152 100

151 32.0 16.4 24.6#

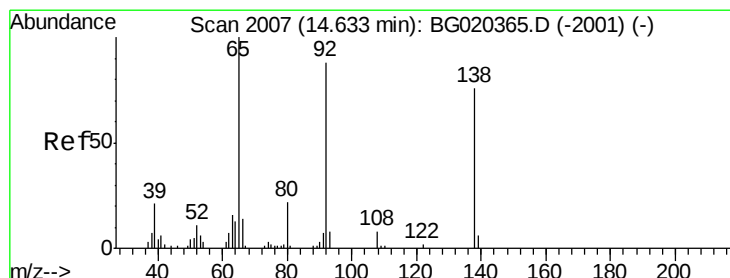
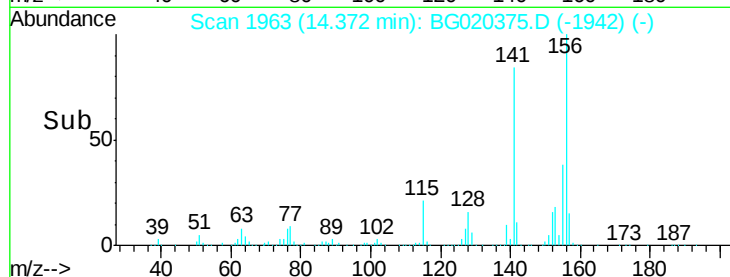
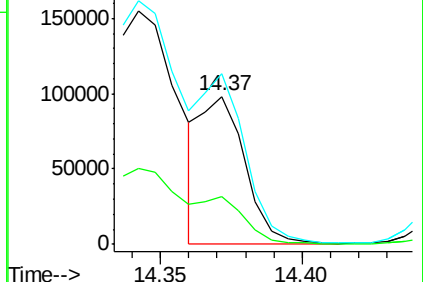
153 115.7 10.4 15.6#



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



#49

3-Nitroaniline

Concen: 29.00 ng/ul

RT: 14.55 min Scan# 1993

Delta R.T. -0.08 min

Lab File: BG020375.D

Acq: 21 Dec 2015 12:14

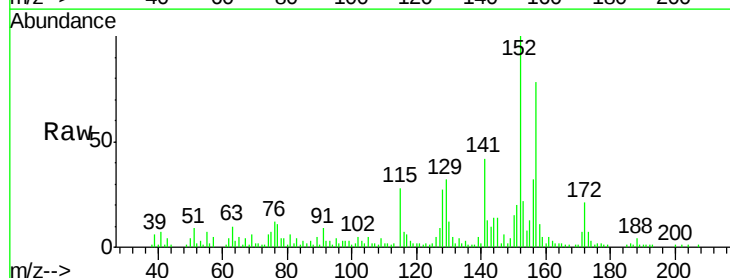
Tgt Ion:138 Resp: 102

Ion Ratio Lower Upper

138 100

108 167.1 9.1 13.7#

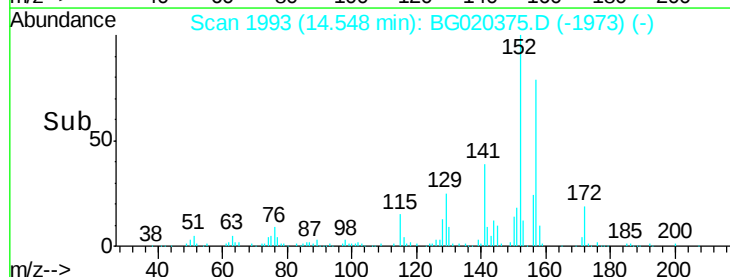
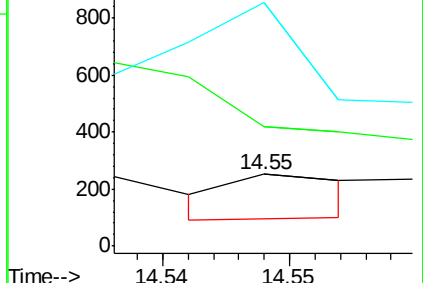
92 339.3 103.2 154.8#

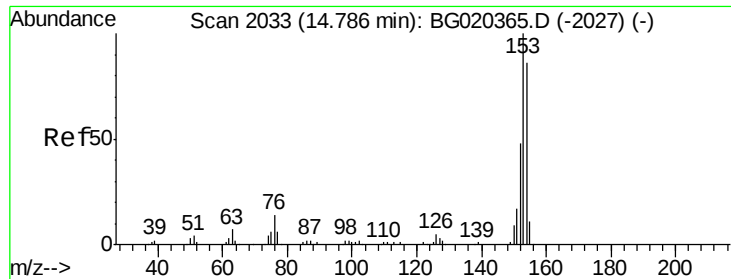


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGO





#50

Acenaphthene

Concen: 243.53 ng/ul

RT: 14.62 min Scan# 2006

Delta R.T. -0.16 min

Lab File: BG020375.D

Acq: 21 Dec 2015 12:14

Instrument :

BNA_G

ClientSampleId :

D9N51

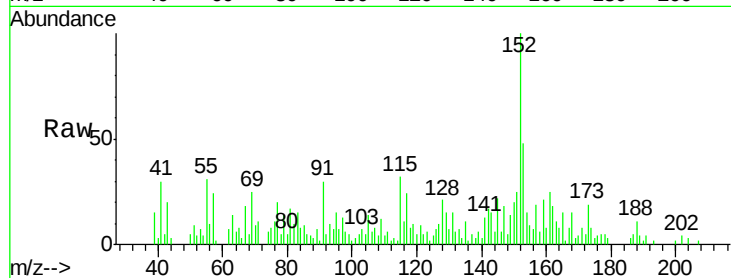
Tgt Ion:153 Resp: 3473

Ion Ratio Lower Upper

153 100

152 207.5 37.6 56.4#

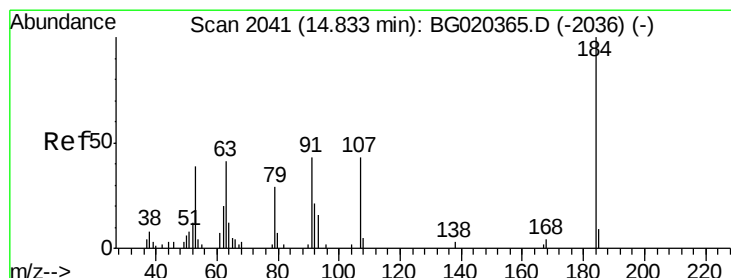
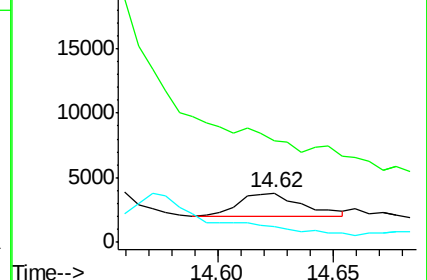
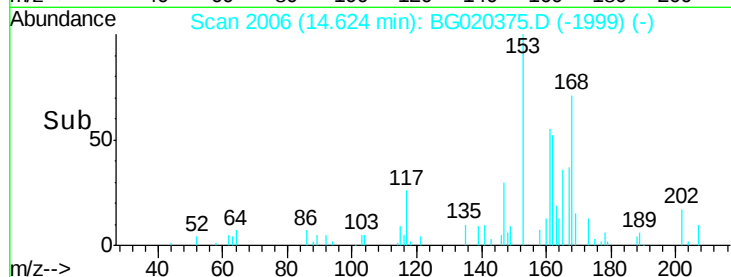
154 31.2 67.9 101.9#



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: 76.14 ng/ul

RT: 14.70 min Scan# 2019

Delta R.T. -0.13 min

Lab File: BG020375.D

Acq: 21 Dec 2015 12:14

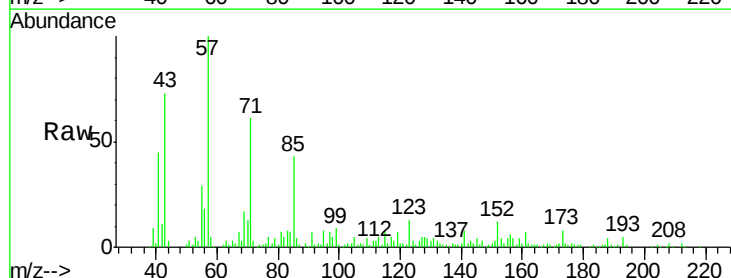
Tgt Ion:184 Resp: 157

Ion Ratio Lower Upper

184 100

63 542.8 49.8 74.6#

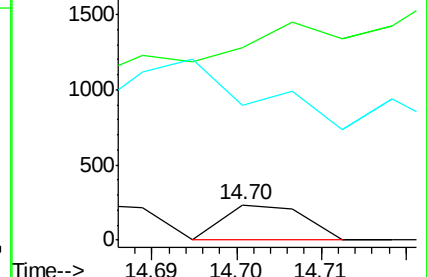
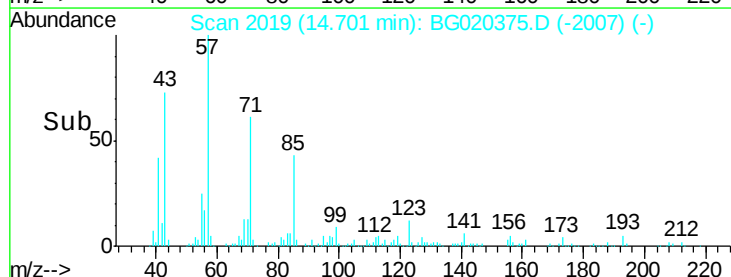
154 379.2 50.0 75.0#

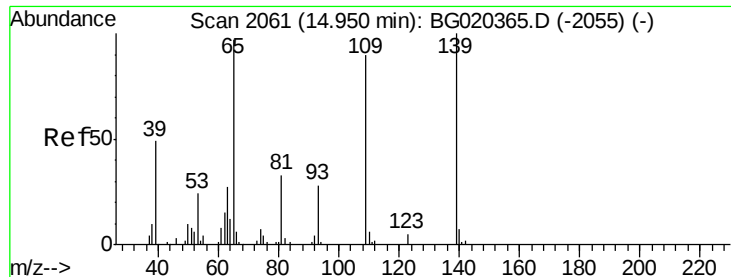


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 154.00 (153.70 to 154.70): E

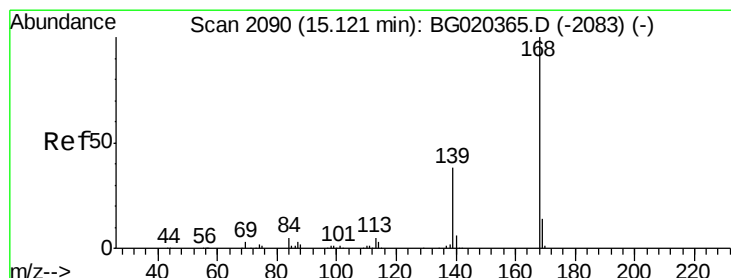
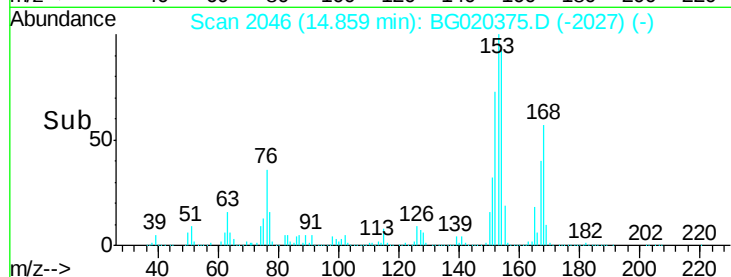
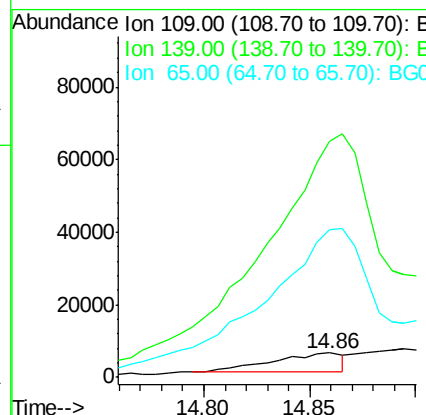
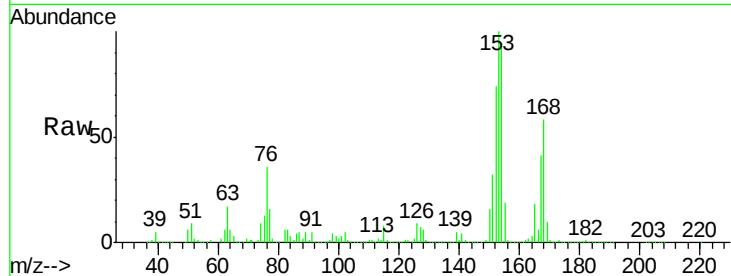




#53
4-Nitrophenol
Concen: 4128.34 ng/ul
RT: 14.86 min Scan# 2046
Delta R.T. -0.09 min
Lab File: BG020375.D
Acq: 21 Dec 2015 12:14

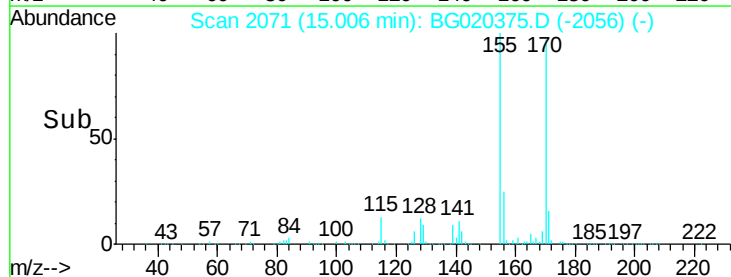
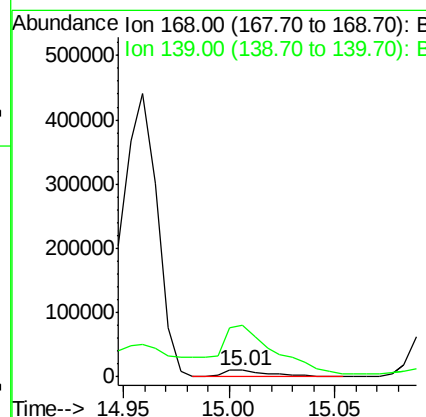
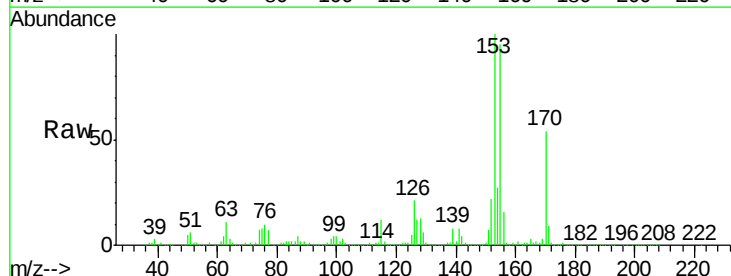
Instrument :
BNA_G
ClientSampleId :
D9N51

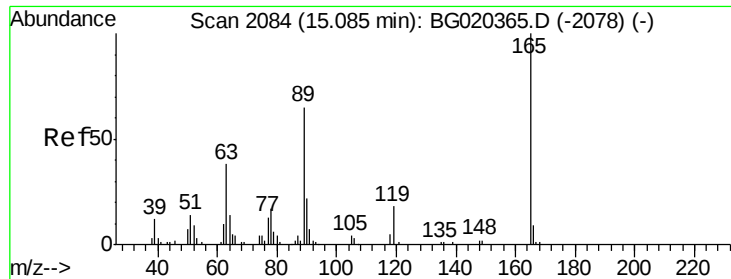
Tgt Ion:109 Resp: 12213
Ion Ratio Lower Upper
109 100
139 972.3 80.5 120.7#
65 608.1 93.4 140.2#



#54
Dibenzofuran
Concen: 646.96 ng/ul
RT: 15.01 min Scan# 2071
Delta R.T. -0.11 min
Lab File: BG020375.D
Acq: 21 Dec 2015 12:14

Tgt Ion:168 Resp: 13725
Ion Ratio Lower Upper
168 100
139 770.4 30.5 45.7#

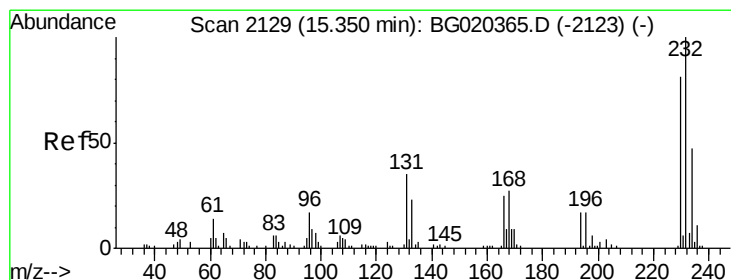
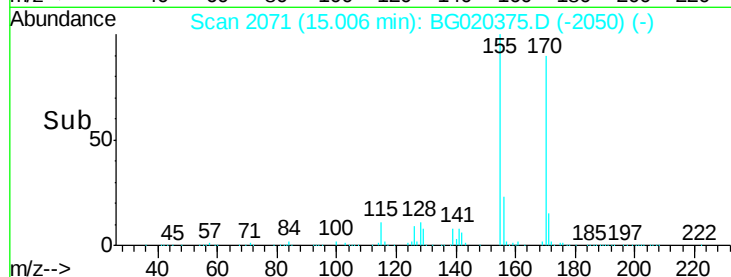
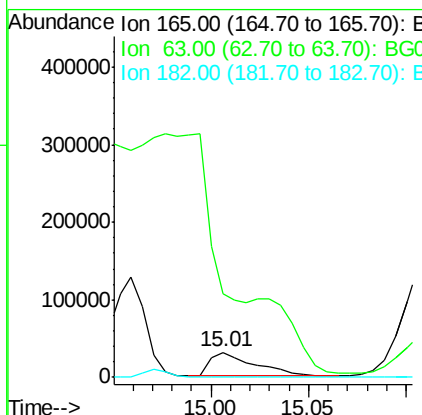
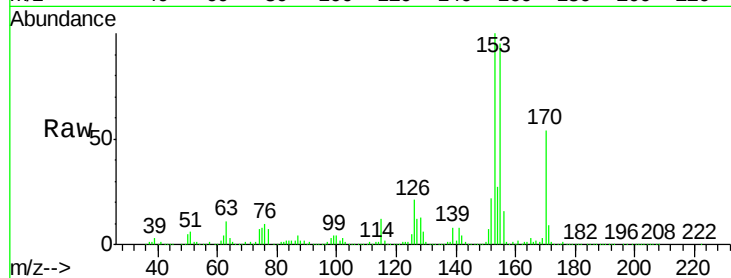




#55
 2,4-Dinitrotoluene
 Concen: 9067.63 ng/ul
 RT: 15.01 min Scan# 2071
 Delta R.T. -0.08 min
 Lab File: BG020375.D
 Acq: 21 Dec 2015 12:14

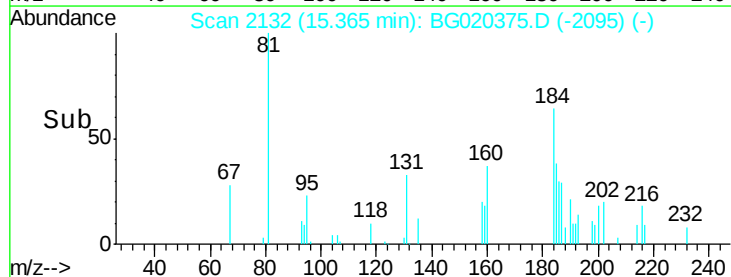
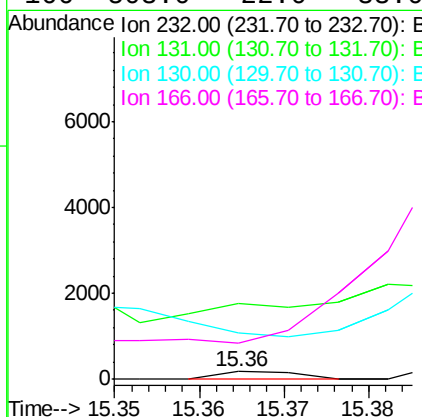
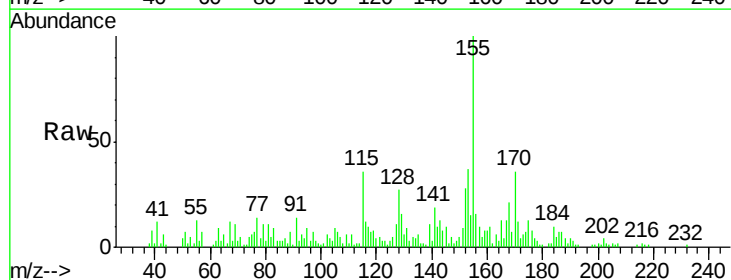
Instrument :
 BNA_G
 ClientSampleId :
 D9N51

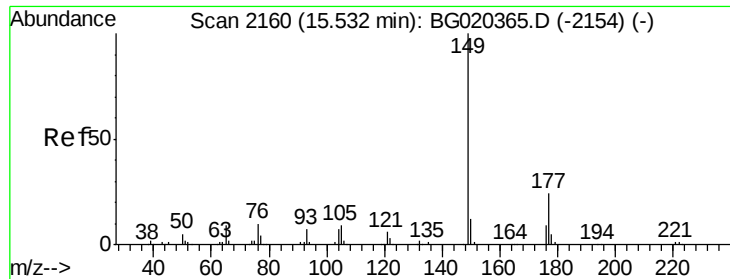
Tgt Ion:165 Resp: 48218
 Ion Ratio Lower Upper
 165 100
 63 338.8 35.8 53.8#
 182 1.5 2.2 3.2#



#56
 2,3,4,6-Tetrachlorophenol
 Concen: 20.90 ng/ul
 RT: 15.36 min Scan# 2132
 Delta R.T. 0.01 min
 Lab File: BG020375.D
 Acq: 21 Dec 2015 12:14

Tgt Ion:232 Resp: 114
 Ion Ratio Lower Upper
 232 100
 131 1064.5 29.5 44.3#
 130 650.6 2.1 3.1#
 166 503.0 22.0 33.0#





#57

Diethylphthalate

Concen: 79.28 ng/ul

RT: 15.46 min Scan# 2148

Delta R.T. -0.07 min

Lab File: BG020375.D

Acq: 21 Dec 2015 12:14

Instrument :

BNA_G

ClientSampleId :

D9N51

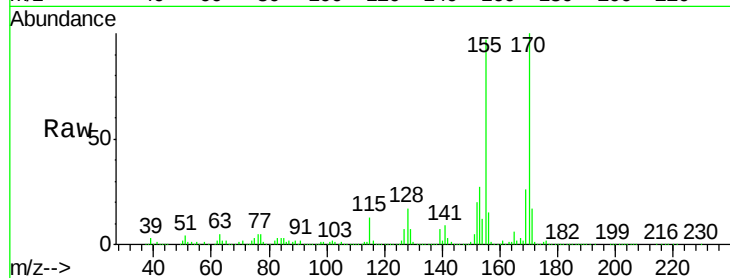
Tgt Ion:149 Resp: 1441

Ion Ratio Lower Upper

149 100

177 166.7 17.9 26.9#

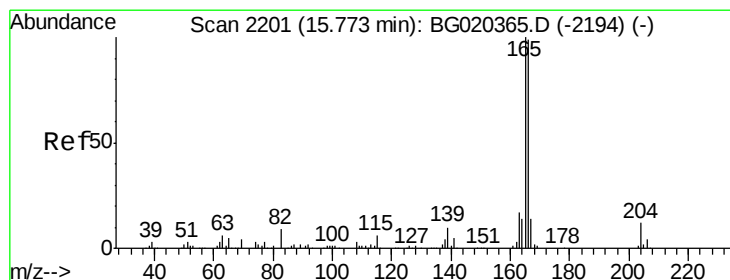
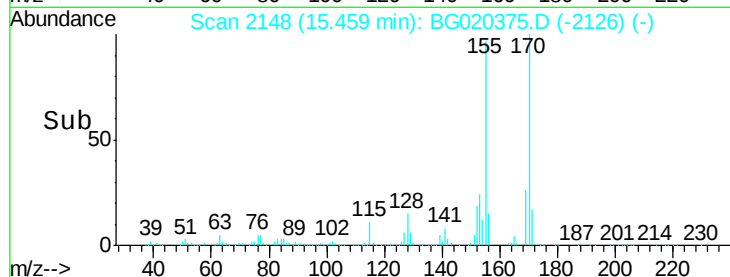
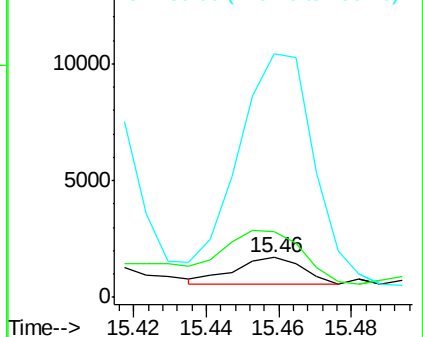
150 615.3 10.2 15.4#



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



#59

Fluorene

Concen: 7220.90 ng/ul

RT: 15.65 min Scan# 2181

Delta R.T. -0.12 min

Lab File: BG020375.D

Acq: 21 Dec 2015 12:14

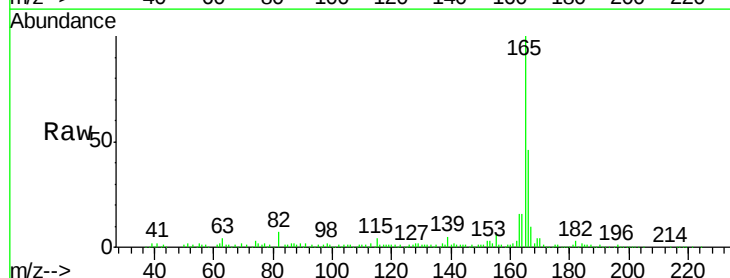
Tgt Ion:166 Resp: 123016

Ion Ratio Lower Upper

166 100

165 215.4 81.4 122.0#

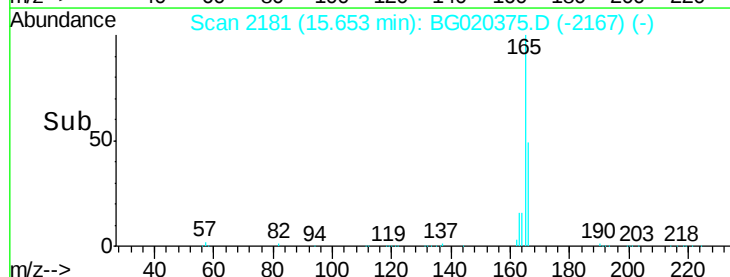
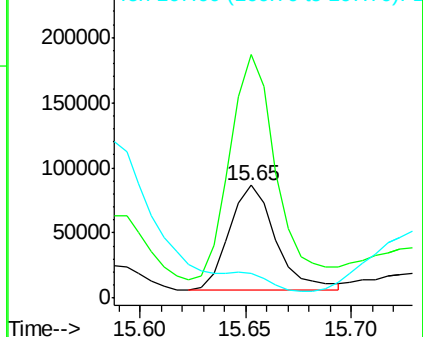
167 21.6 11.2 16.8#

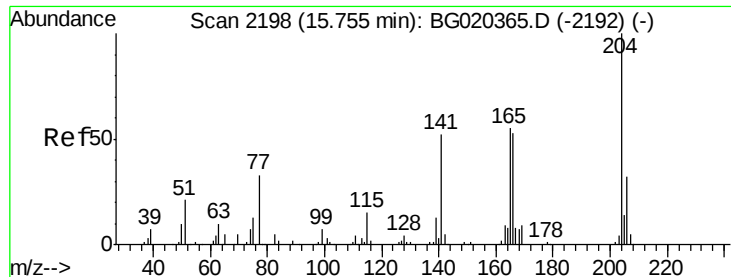


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

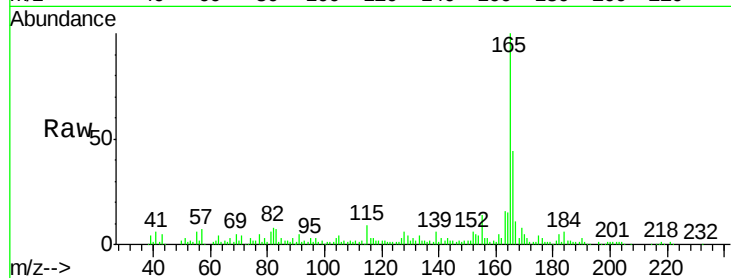




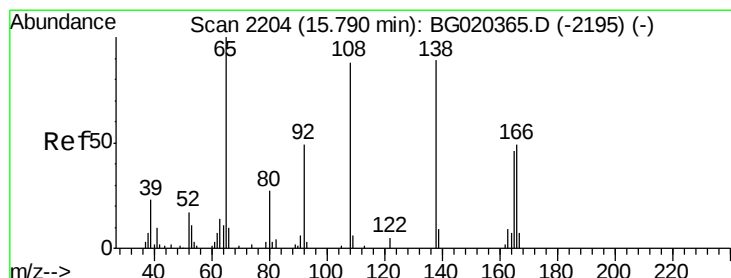
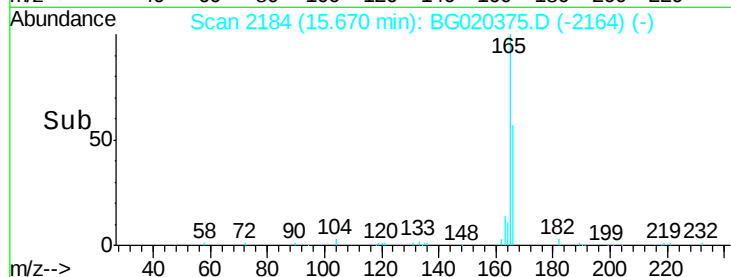
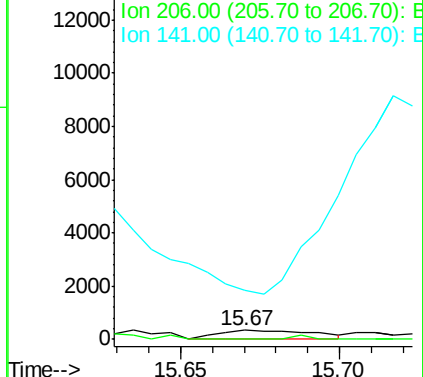
#60
4-Chlorophenyl-phenylether
Concen: 75.68 ng/ul
RT: 15.67 min Scan# 2184
Delta R.T. -0.08 min
Lab File: BG020375.D
Acq: 21 Dec 2015 12:14

Instrument :
BNA_G
ClientSampleId :
D9N51

Tgt Ion:204 Resp: 727
Ion Ratio Lower Upper
204 100
206 0.0 25.8 38.6#
141 543.6 44.9 67.3#

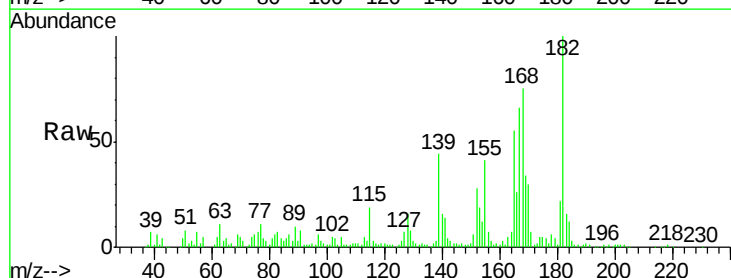


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

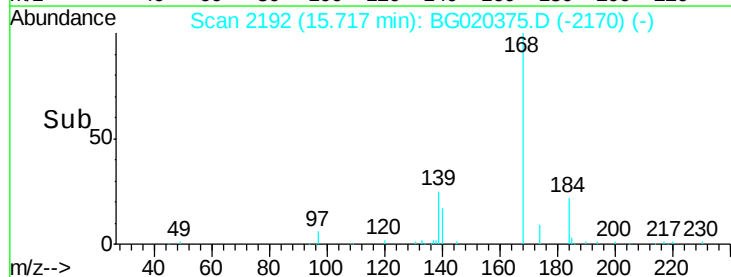
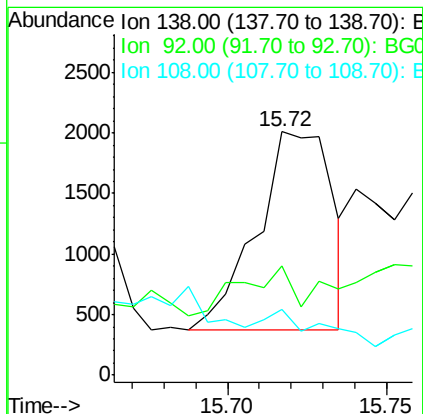


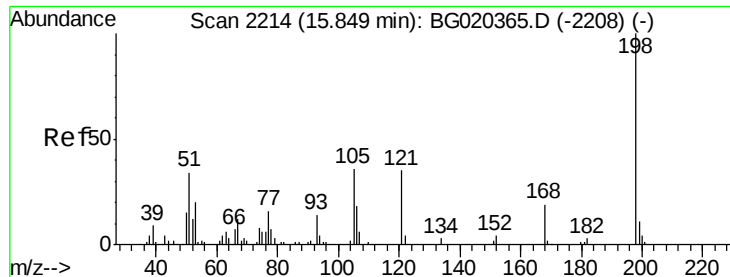
#61
4-Nitroaniline
Concen: 714.30 ng/ul
RT: 15.72 min Scan# 2192
Delta R.T. -0.07 min
Lab File: BG020375.D
Acq: 21 Dec 2015 12:14

Tgt Ion:138 Resp: 2716
Ion Ratio Lower Upper
138 100
92 45.0 45.2 67.8#
108 27.0 75.4 113.0#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E

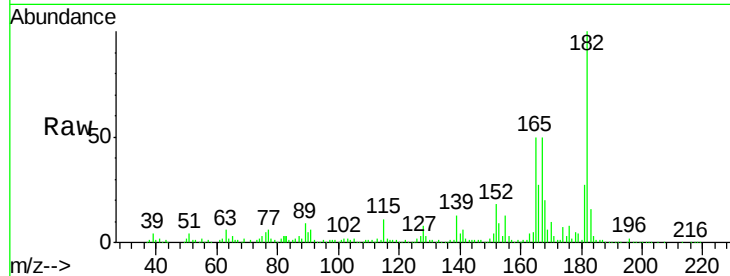




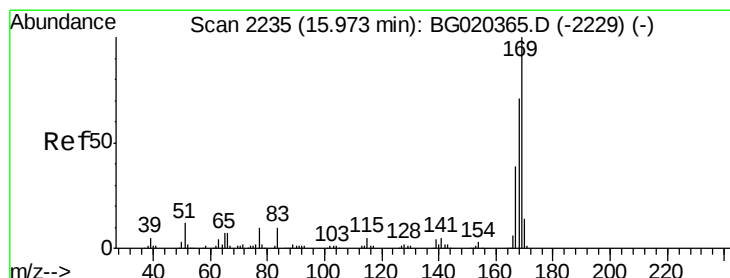
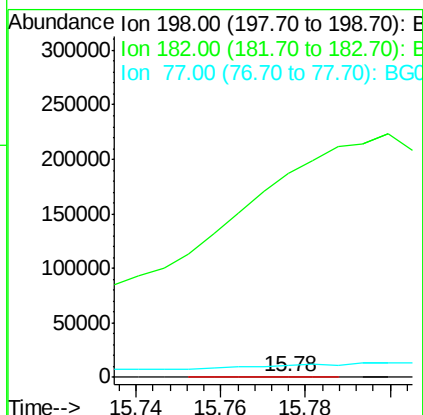
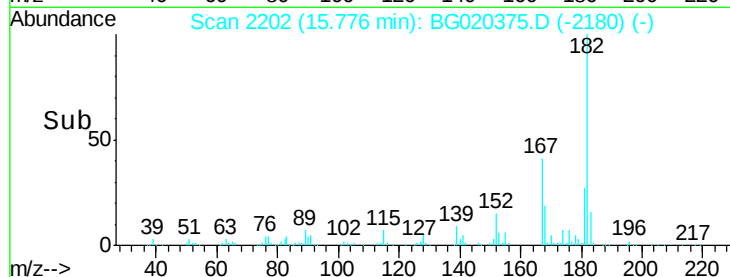
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.55 ng/ul
 RT: 15.78 min Scan# 2202
 Delta R.T. -0.07 min
 Lab File: BG020375.D
 Acq: 21 Dec 2015 12:14

Instrument :
 BNA_G
 ClientSampleID :
 D9N51

Tgt Ion:198 Resp: 612
 Ion Ratio Lower Upper
 198 100
 182 31978.2 2.5 3.7#
 77 1817.7 17.7 26.5#

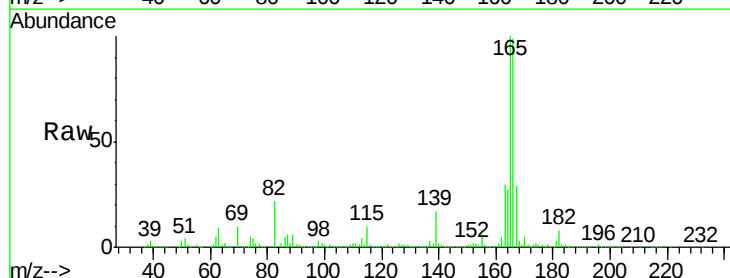


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): BGC

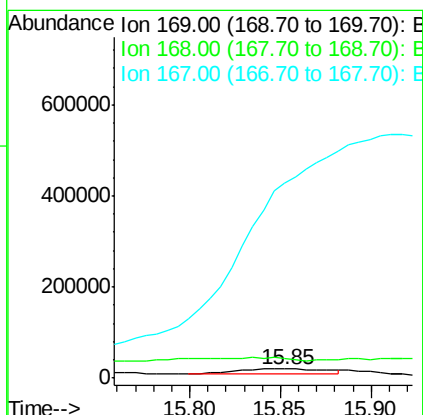
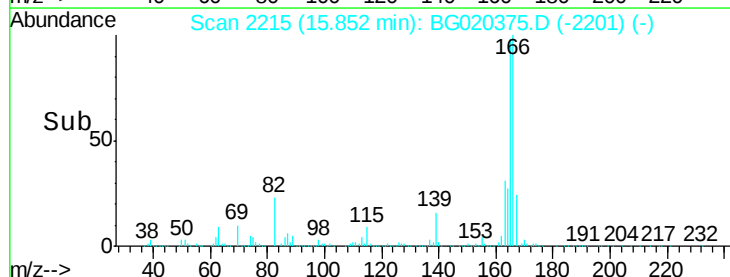


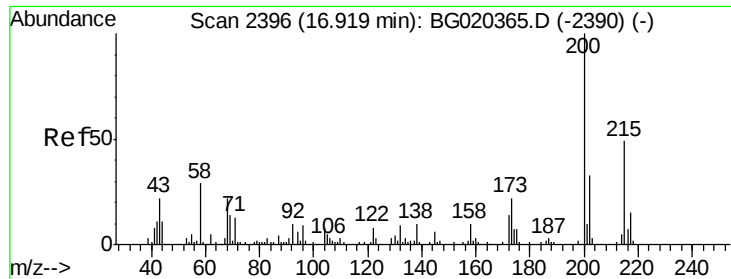
#65
 N-Nitrosodiphenylamine
 Concen: 77.04 ng/ul
 RT: 15.85 min Scan# 2215
 Delta R.T. -0.12 min
 Lab File: BG020375.D
 Acq: 21 Dec 2015 12:14

Tgt Ion:169 Resp: 31467
 Ion Ratio Lower Upper
 169 100
 168 206.0 54.3 81.5#
 167 2096.6 31.8 47.8#



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

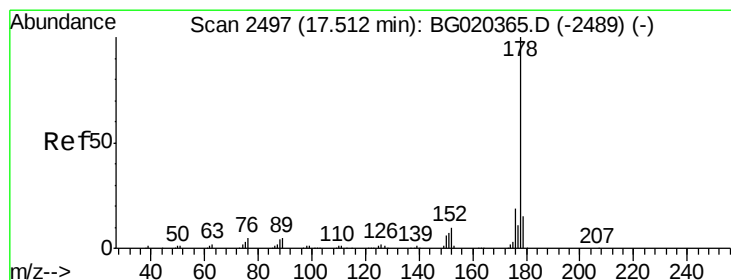
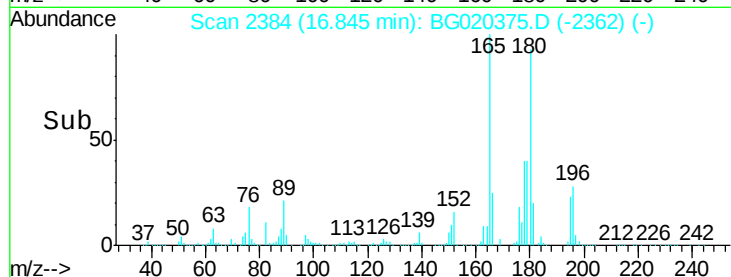
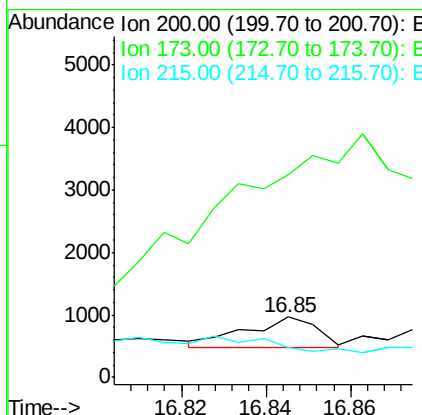
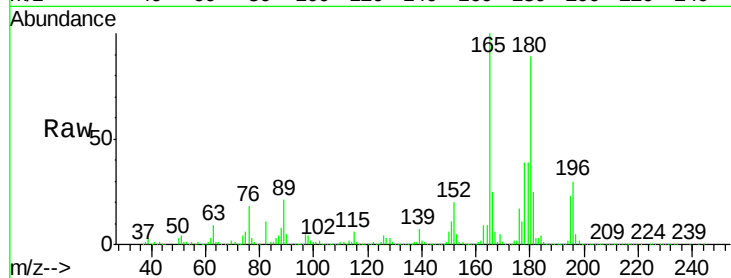




#68
Atrazine
Concen: 3.17 ng/ul
RT: 16.85 min Scan# 2384
Delta R.T. -0.07 min
Lab File: BG020375.D
Acq: 21 Dec 2015 12:14

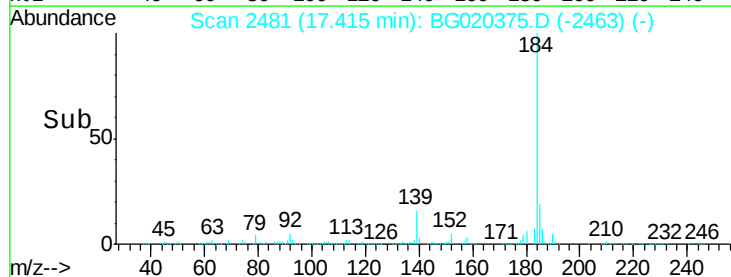
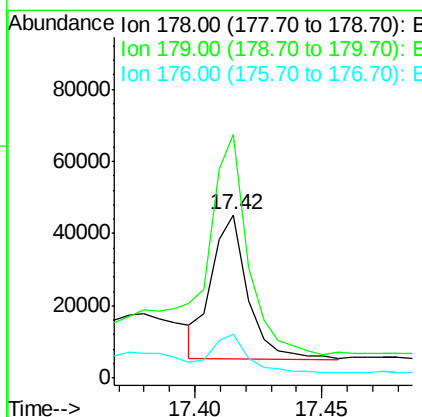
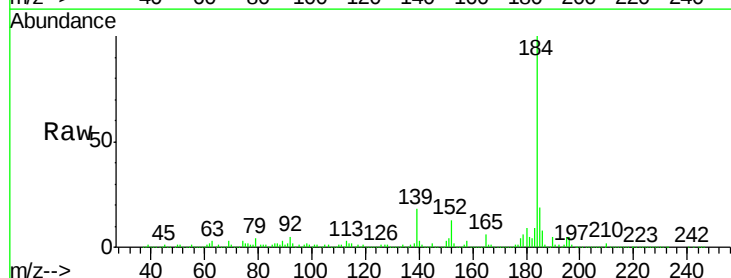
Instrument :
BNA_G
ClientSampleId :
D9N51

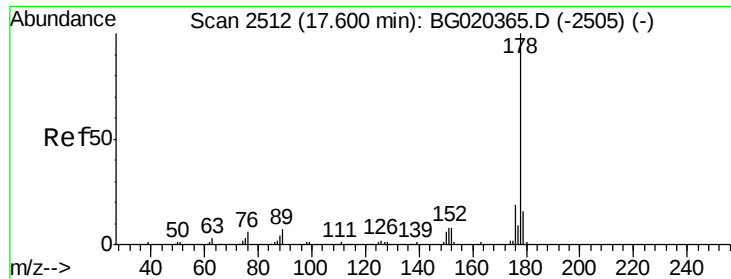
Tgt Ion:200 Resp: 552
Ion Ratio Lower Upper
200 100
173 334.8 19.6 29.4#
215 48.5 40.1 60.1



#70
Phenanthrene
Concen: 49.61 ng/ul
RT: 17.42 min Scan# 2481
Delta R.T. -0.10 min
Lab File: BG020375.D
Acq: 21 Dec 2015 12:14

Tgt Ion:178 Resp: 39864
Ion Ratio Lower Upper
178 100
179 148.9 12.9 19.3#
176 27.0 15.3 22.9#





#72

Anthracene

Concen: 48.05 ng/ul

RT: 17.42 min Scan# 2481

Delta R.T. -0.18 min

Lab File: BG020375.D

Acq: 21 Dec 2015 12:14

Instrument :

BNA_G

ClientSampleId :

D9N51

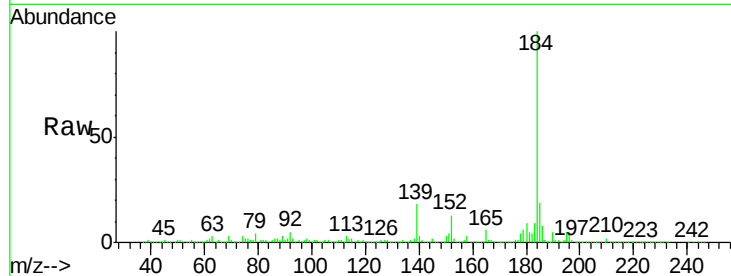
Tgt Ion:178 Resp: 39161

Ion Ratio Lower Upper

178 100

179 148.9 12.3 18.5#

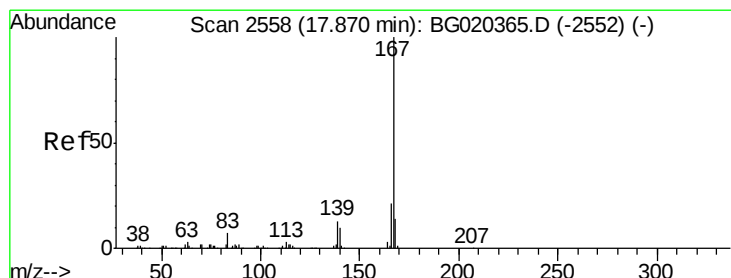
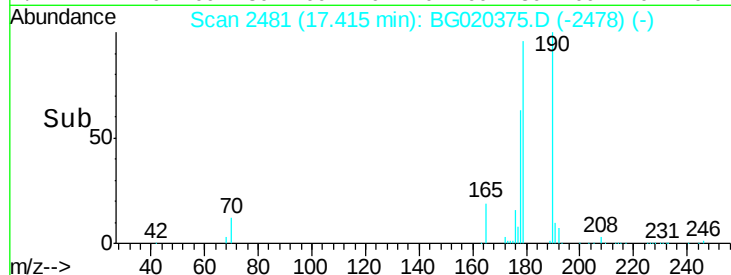
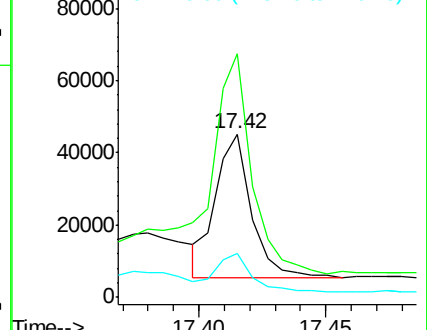
176 27.0 14.3 21.5#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#75

Carbazole

Concen: 10.64 ng/ul

RT: 17.75 min Scan# 2538

Delta R.T. -0.12 min

Lab File: BG020375.D

Acq: 21 Dec 2015 12:14

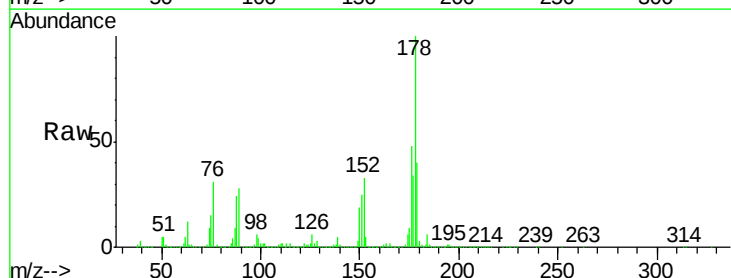
Tgt Ion:167 Resp: 7286

Ion Ratio Lower Upper

167 100

166 85.0 17.0 25.6#

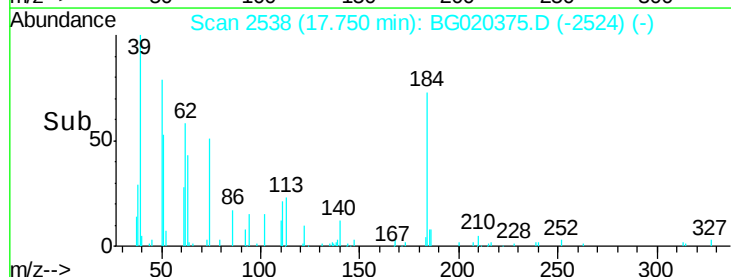
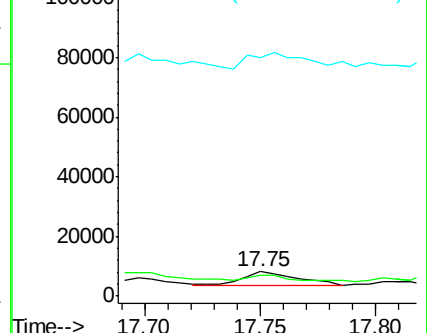
139 970.8 10.1 15.1#

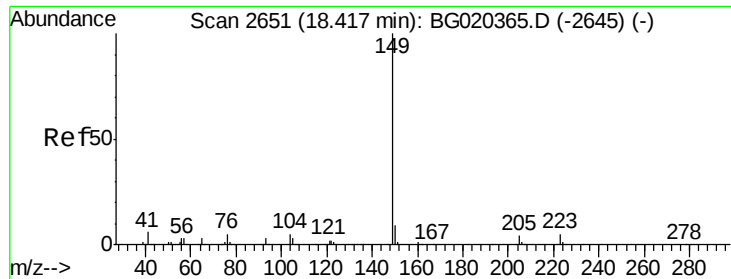


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

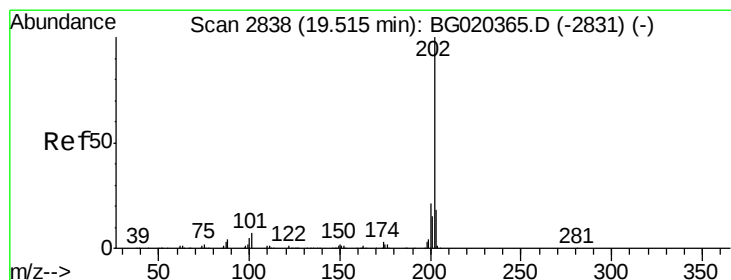
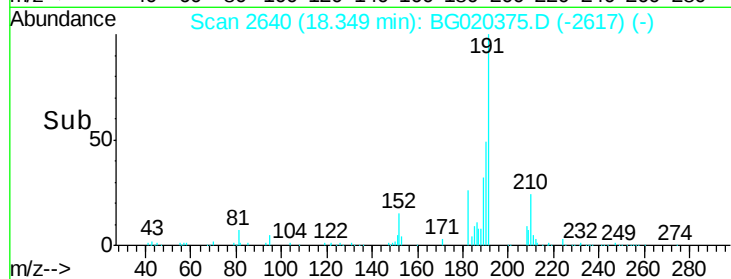
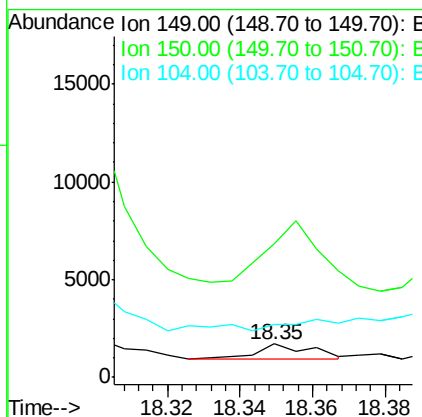
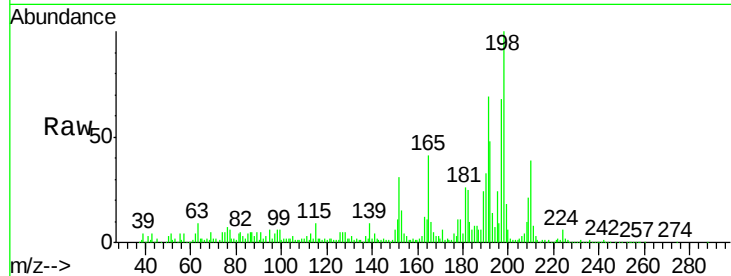




#76
Di-n-butylphthalate
Concen: 1.04 ng/ul
RT: 18.35 min Scan# 2640
Delta R.T. -0.07 min
Lab File: BG020375.D
Acq: 21 Dec 2015 12:14

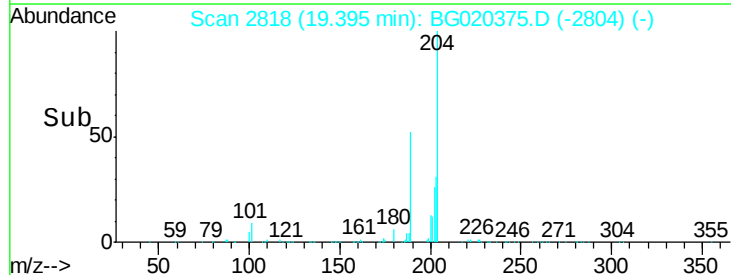
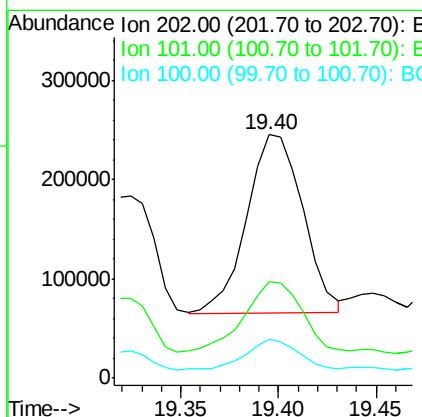
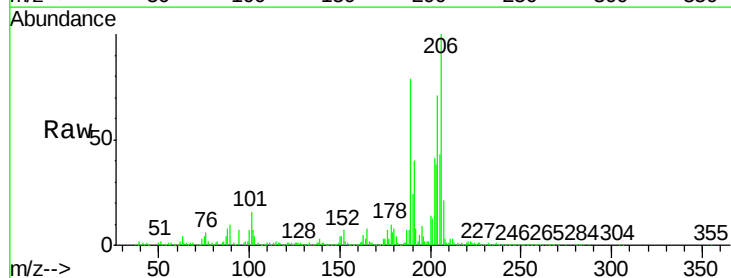
Instrument :
BNA_G
ClientSampleId :
D9N51

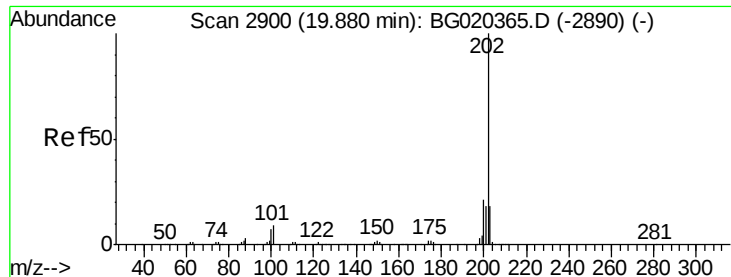
Tgt Ion:149 Resp: 829
Ion Ratio Lower Upper
149 100
150 403.5 7.7 11.5#
104 158.1 4.2 6.4#



#77
Fluoranthene
Concen: 381.64 ng/ul
RT: 19.40 min Scan# 2818
Delta R.T. -0.12 min
Lab File: BG020375.D
Acq: 21 Dec 2015 12:14

Tgt Ion:202 Resp: 358412
Ion Ratio Lower Upper
202 100
101 39.6 6.2 9.4#
100 15.7 5.1 7.7#





#80

Pyrene

Concen: 971.01 ng/ul

RT: 19.81 min Scan# 2889

Delta R.T. -0.07 min

Lab File: BG020375.D

Acq: 21 Dec 2015 12:14

Instrument :

BNA_G

ClientSampleId :

D9N51

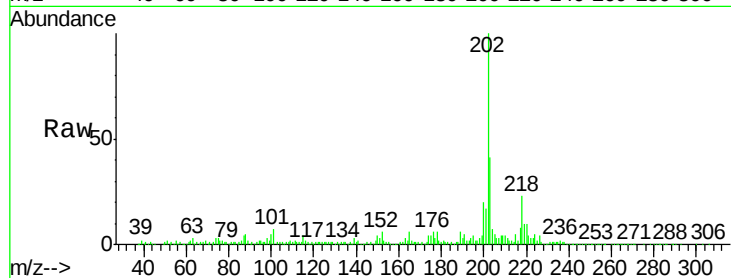
Tgt Ion:202 Resp: 389112

Ion Ratio Lower Upper

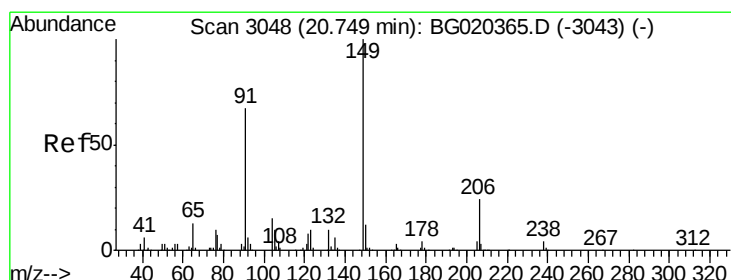
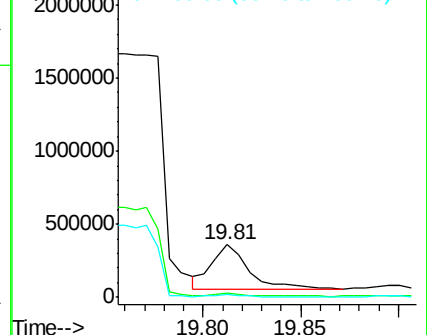
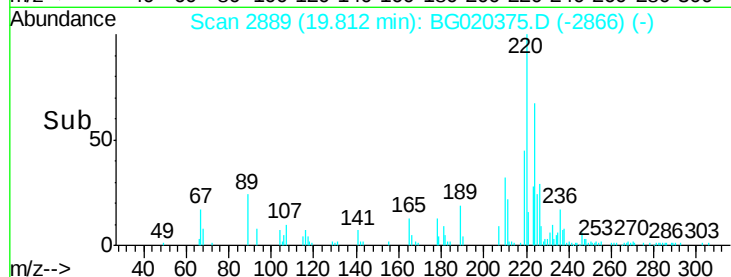
202 100

101 7.4 7.0 10.4

100 5.3 6.4 9.6#



Abundance Ion 202.00 (201.70 to 202.70): E



#81

Butylbenzylphthalate

Concen: 42.34 ng/ul

RT: 20.66 min Scan# 3034

Delta R.T. -0.09 min

Lab File: BG020375.D

Acq: 21 Dec 2015 12:14

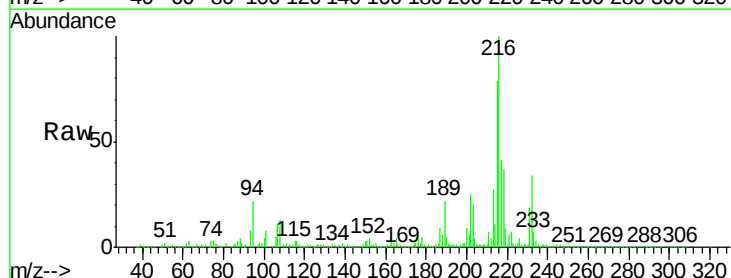
Tgt Ion:149 Resp: 5896

Ion Ratio Lower Upper

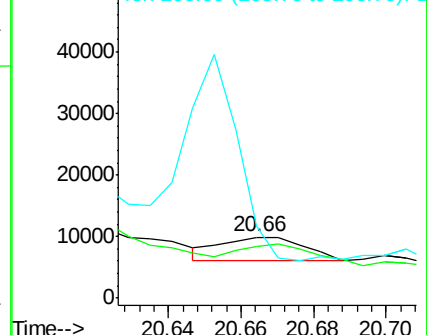
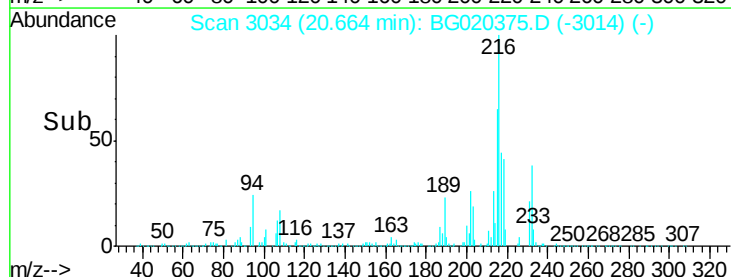
149 100

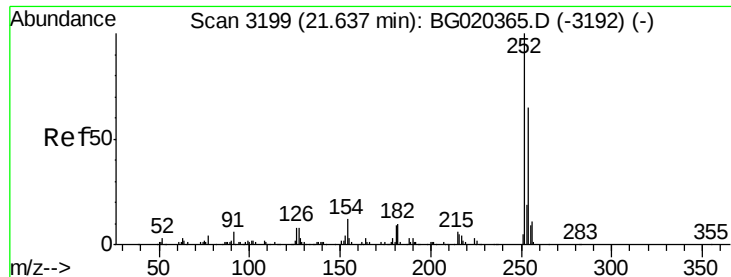
91 84.9 59.1 88.7

206 118.8 19.6 29.4#



Abundance Ion 149.00 (148.70 to 149.70): E

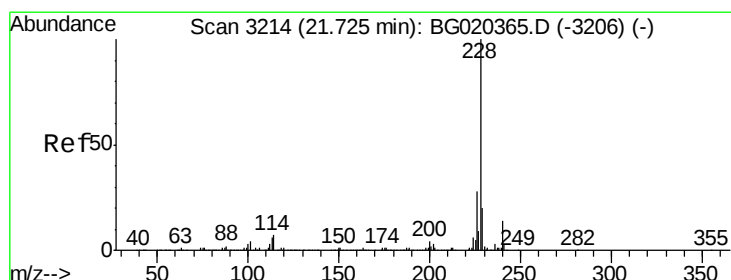
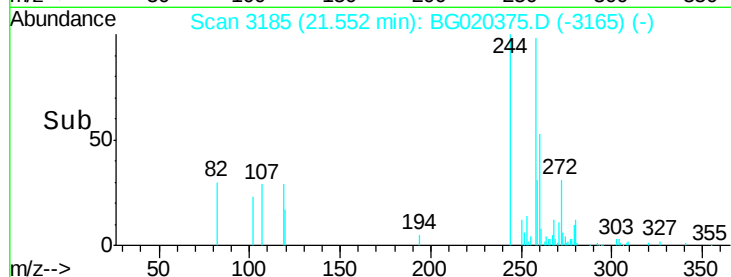
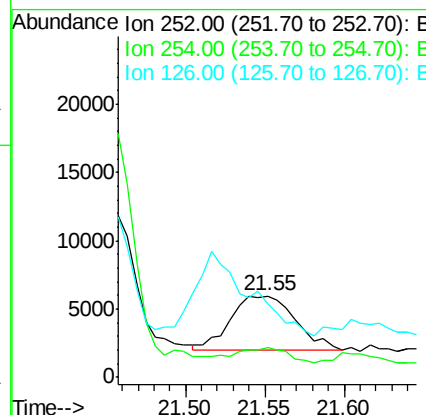
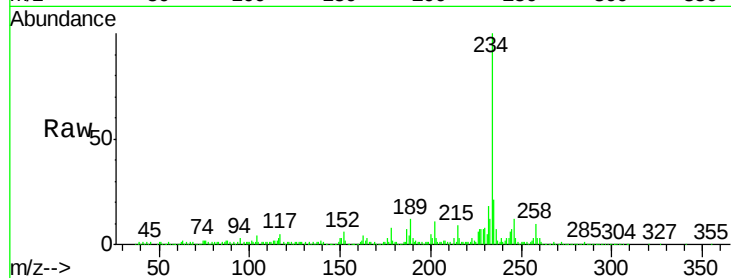




#82
 3,3'-Dichlorobenzidine
 Concen: 91.97 ng/ul
 RT: 21.55 min Scan# 3185
 Delta R.T. -0.09 min
 Lab File: BG020375.D
 Acq: 21 Dec 2015 12:14

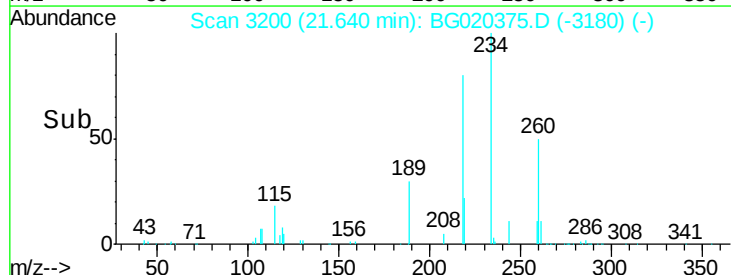
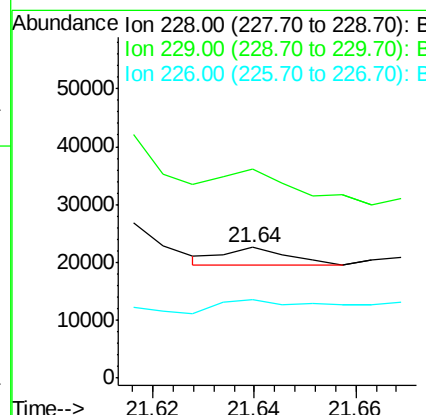
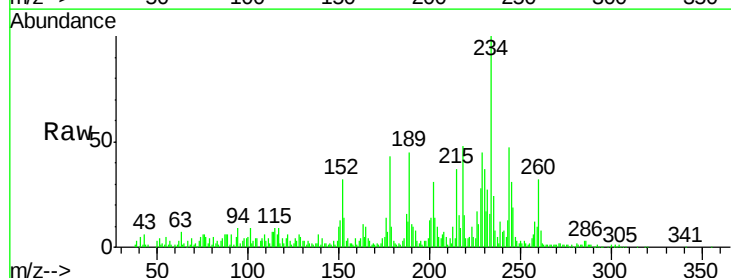
Instrument :
 BNA_G
 ClientSampleId :
 D9N51

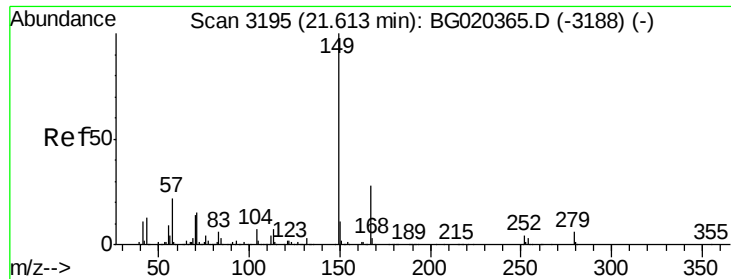
Tgt Ion:252 Resp: 11125
 Ion Ratio Lower Upper
 252 100
 254 36.4 49.3 73.9#
 126 89.8 6.5 9.7#



#83
 Benzo(a)anthracene
 Concen: 6.65 ng/ul
 RT: 21.64 min Scan# 3200
 Delta R.T. -0.09 min
 Lab File: BG020375.D
 Acq: 21 Dec 2015 12:14

Tgt Ion:228 Resp: 2571
 Ion Ratio Lower Upper
 228 100
 229 160.3 15.8 23.8#
 226 60.0 21.8 32.6#

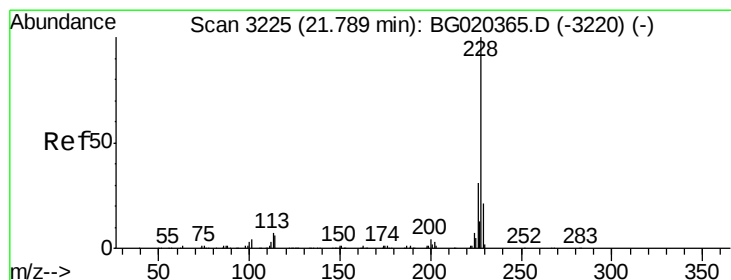
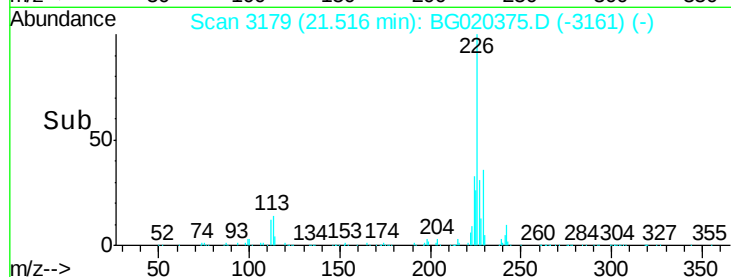
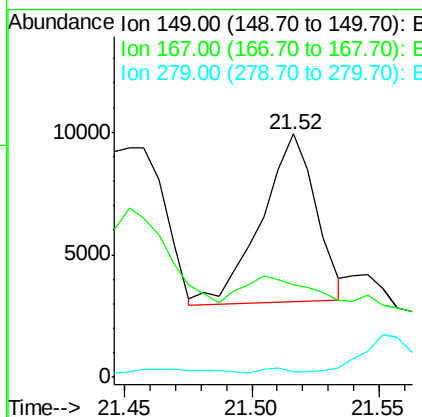
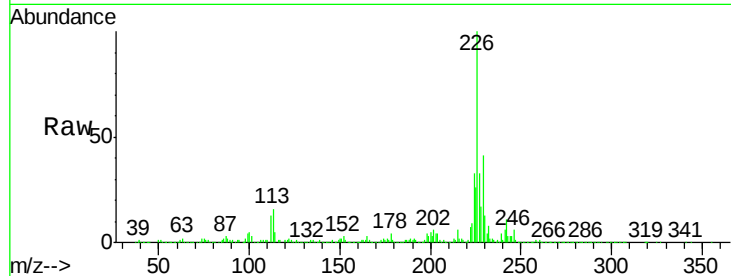




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 51.27 ng/ul
 RT: 21.52 min Scan# 3179
 Delta R.T. -0.10 min
 Lab File: BG020375.D
 Acq: 21 Dec 2015 12:14

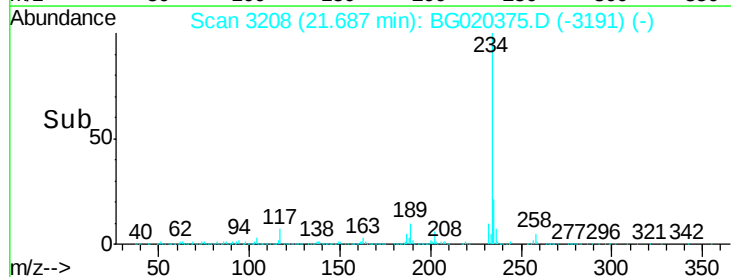
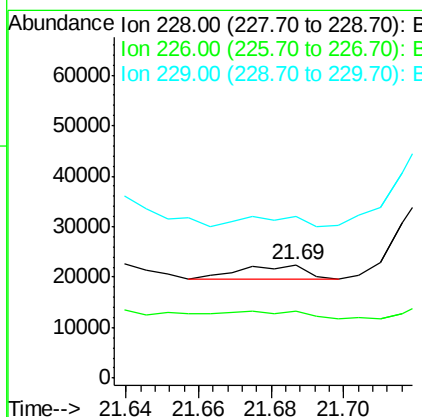
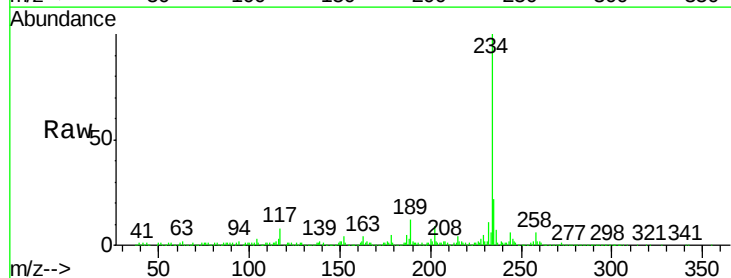
Instrument :
 BNA_G
 ClientSampleId :
 D9N51

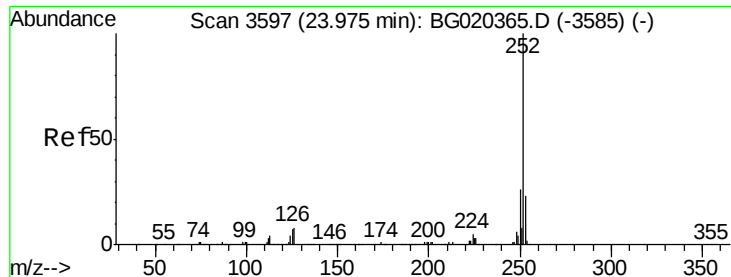
Tgt Ion:149 Resp: 10208
 Ion Ratio Lower Upper
 149 100
 167 38.2 22.8 34.2#
 279 2.3 4.1 6.1#



#85
 Chrysene
 Concen: 9.66 ng/ul
 RT: 21.69 min Scan# 3208
 Delta R.T. -0.10 min
 Lab File: BG020375.D
 Acq: 21 Dec 2015 12:14

Tgt Ion:228 Resp: 3514
 Ion Ratio Lower Upper
 228 100
 226 58.8 23.9 35.9#
 229 141.9 15.6 23.4#





#88

Benzo(b)fluoranthene

Concen: 4.00 ng/ul

RT: 23.80 min Scan# 3568

Delta R.T. -0.17 min

Lab File: BG020375.D

Acq: 21 Dec 2015 12:14

Instrument :

BNA_G

ClientSampleId :

D9N51

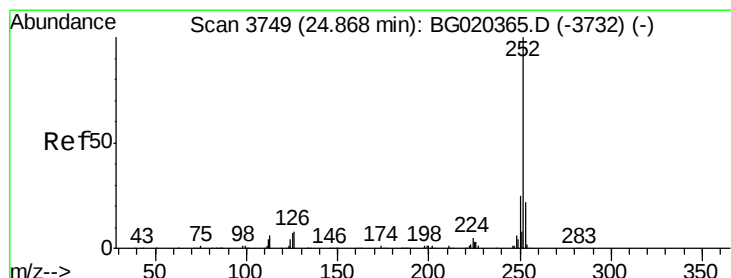
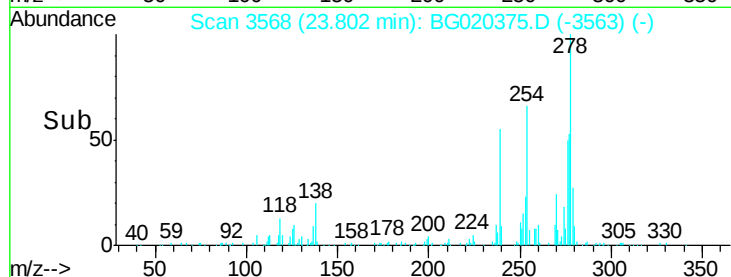
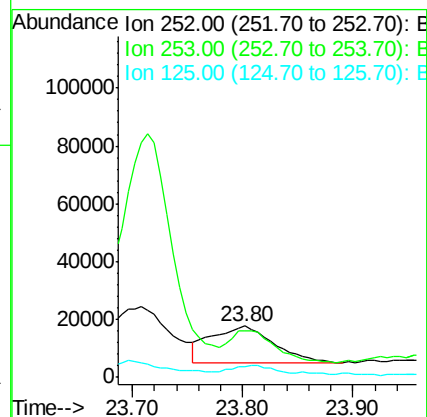
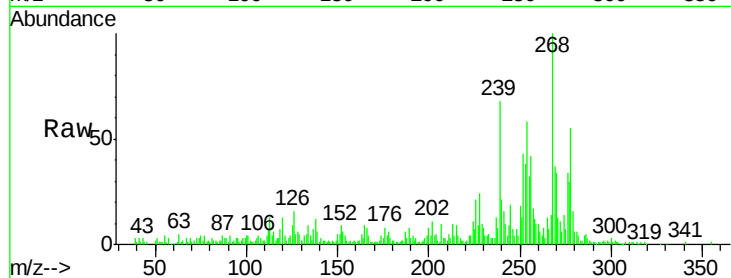
Tgt Ion:252 Resp: 51028

Ion Ratio Lower Upper

252 100

253 89.5 16.7 25.1#

125 20.2 6.2 9.2#



#91

Benzo(a)pyrene

Concen: 12.82 ng/ul

RT: 24.70 min Scan# 3721

Delta R.T. -0.17 min

Lab File: BG020375.D

Acq: 21 Dec 2015 12:14

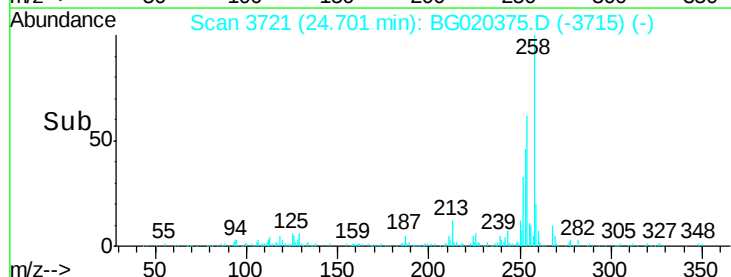
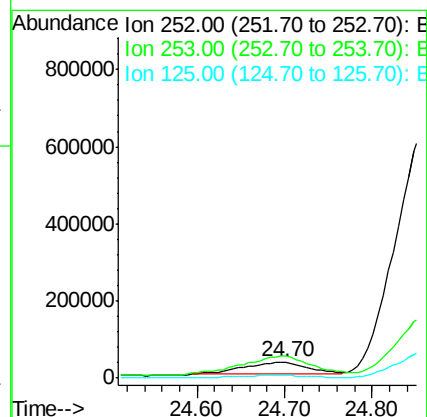
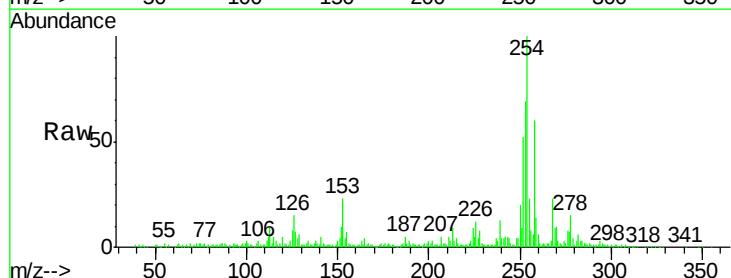
Tgt Ion:252 Resp: 155153

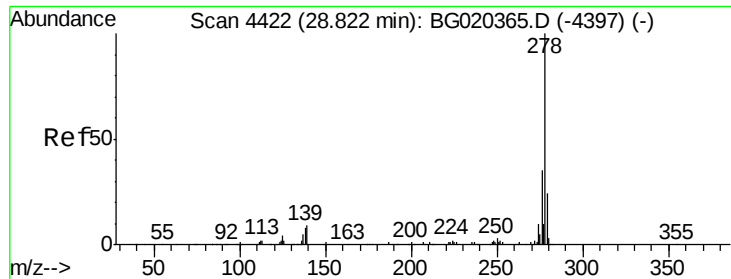
Ion Ratio Lower Upper

252 100

253 134.4 17.0 25.4#

125 16.2 6.2 9.4#





#93

Dibenzo(a,h)anthracene

Concen: 3.18 ng/ul

RT: 28.77 min Scan# 4414

Delta R.T. -0.05 min

Lab File: BG020375.D

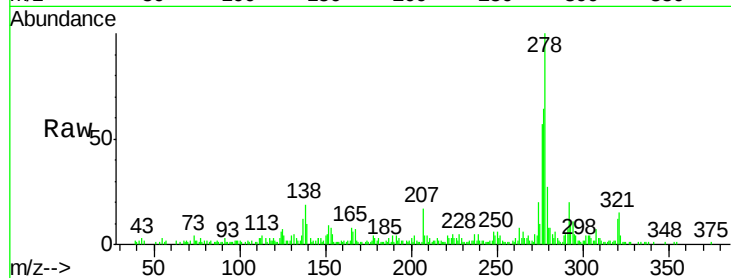
Acq: 21 Dec 2015 12:14

Instrument :

BNA_G

ClientSampleId :

D9N51



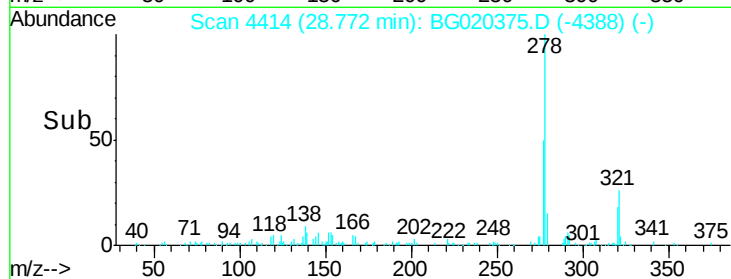
Tgt Ion:278 Resp: 38026

Ion Ratio Lower Upper

278 100

139 10.4 9.4 14.2

279 27.3 19.4 29.0



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

