

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080416\
 Data File : BG023460.D
 Acq On : 4 Aug 2016 20:27
 Operator : UM/SJ
 Sample : H4208-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDJJ4

Quant Time: Aug 05 02:33:32 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 05 02:31:20 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	91804	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	462043	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	368197	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.54	188	952951	20.00	ng/ul	0.00
75) Chrysene-d12	21.86	240	970273	20.00	ng/ul	0.00
83) Perylene-d12	25.23	264	958626	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.49	96	3455	1.60	ng/uL	0.00
5) Phenol-d5	7.27	99	214805	23.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	152222	25.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.65	132	152409	24.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	160463	22.23	ng/ul	0.00
19) Nitrobenzene-d5	9.30	128	82140	22.55	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	90342	21.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.72	165	698	0.09	ng/ul	0.15
29) 4-Chloroaniline-d4	11.22	131	1041	0.11	ng/ul	0.14
43) Dimethylphthalate-d6	14.17	166	716175	23.76	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	782550	23.06	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	96439	18.74	ng/ul	0.00
57) Fluorene-d10	15.78	176	669290	24.03	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	90236	14.76	ng/ul	0.00
70) Anthracene-d10	17.64	188	1100265	25.63	ng/ul	0.00
76) Pyrene-d10	19.93	212	1259346	25.64	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.00	264	1139595	26.26	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.55	88	973	0.43 ng/uL#	36
4) Benzaldehyde	7.25	77	95	0.02 ng/ul#	1
6) Phenol	7.30	94	4846	0.50 ng/ul#	39
8) Bis(2-Chloroethyl)ether	7.54	93	237	0.03 ng/ul#	37
12) 2,2'-oxybis(1-Chloropropan	8.62	45	307	0.03 ng/ul#	64
14) Acetophenone	8.96	105	3386	0.29 ng/ul#	87
15) N-Nitroso-di-n-propylamine	8.99	70	198	0.03 ng/ul#	1
16) 4-Methylphenol	8.90	108	659	0.08 ng/ul#	64
17) Hexachloroethane	9.13	117	90	0.03 ng/ul#	10
20) Nitrobenzene	9.33	77	86	0.01 ng/ul#	1
21) Isophorone	9.89	82	200	0.01 ng/ul#	64
25) Bis(2-Chloroethoxy)methane	10.20	93	142	0.01 ng/ul#	49
27) 2,4-Dichlorophenol	10.60	162	122	0.02 ng/ul#	1
28) Naphthalene	11.00	128	473	0.02 ng/ul#	67
30) 4-Chloroaniline	11.11	127	465	0.05 ng/ul#	77
32) Caprolactam	11.87	113	63	0.02 ng/ul#	1
33) 4-Chloro-3-methylphenol	12.29	107	230	0.02 ng/ul#	15
34) 2-Methylnaphthalene	12.62	142	477	0.03 ng/ul#	45
38) 2,4,6-Trichlorophenol	13.45	196	140	0.02 ng/ul#	12
39) 2,4,5-Trichlorophenol	13.45	196	140	0.02 ng/ul#	10
40) 1,1'-Biphenyl	13.61	154	341	0.01 ng/ul#	41
41) 2-Chloronaphthalene	13.72	162	229	0.01 ng/ul#	40
42) 2-Nitroaniline	13.81	65	159	0.02 ng/ul#	1

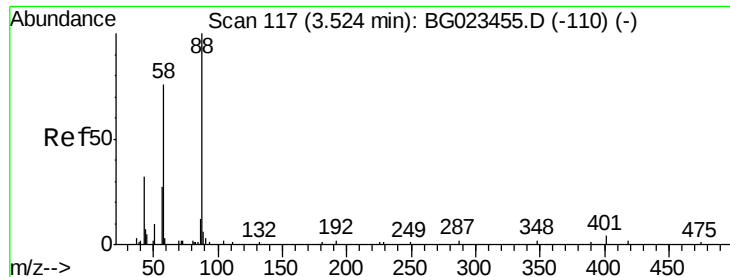
Data Path : Z:\HPCHEM1\BNA G\DATA\BG080416\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Dimethylphthalate	14.22	163	389920	13.06	ng/ul	98
45) 2,6-Dinitrotoluene	14.30	165	204	0.03	ng/ul#	34
47) Acenaphthylene	14.50	152	226	0.01	ng/ul#	59
48) 3-Nitroaniline	14.69	138	189	0.03	ng/ul#	6
49) Acenaphthene	14.84	153	603	0.02	ng/ul#	63
52) 4-Nitrophenol	15.00	109	287	0.06	ng/ul#	1
53) Dibenzofuran	15.19	168	921	0.03	ng/ul	93
54) 2,4-Dinitrotoluene	15.11	165	103	0.01	ng/ul#	46
55) 2,3,4,6-Tetrachlorophenol	15.42	232	100	0.01	ng/ul#	50
56) Diethylphthalate	15.58	149	1859	0.06	ng/ul#	85
58) Fluorene	15.84	166	740	0.02	ng/ul#	59
59) 4-Chlorophenyl-phenylether	15.83	204	165	0.01	ng/ul#	28
60) 4-Nitroaniline	15.89	138	348	0.05	ng/ul#	1
63) 4,6-Dinitro-2-methylphenol	15.90	198	359	0.06	ng/ul#	1
64) N-Nitrosodiphenylamine	16.03	169	248	0.01	ng/ul#	21
66) Hexachlorobenzene	16.70	284	238	0.02	ng/ul#	42
67) Atrazine	17.02	200	234	0.02	ng/ul#	36
69) Phenanthrene	17.58	178	13026	0.26	ng/ul	95
71) Anthracene	17.58	178	13026	0.26	ng/ul	95
72) Carbazole	17.96	167	1955	0.05	ng/ul#	86
73) Di-n-butylphthalate	18.49	149	11194	0.22	ng/ul#	92
74) Fluoranthene	19.59	202	29706	0.59	ng/ul#	85
77) Pyrene	19.96	202	29368	0.49	ng/ul#	90
78) Butylbenzylphthalate	20.80	149	490	0.02	ng/ul	94
79) 3,3'-Dichlorobenzidine	21.75	252	226	0.01	ng/ul#	63
80) Benzo(a)anthracene	21.87	228	3155	0.06	ng/ul	94
81) Bis(2-ethylhexyl)phthalate	21.72	149	50115	1.64	ng/ul	94
82) Chrysene	21.90	228	12768	0.26	ng/ul	94
84) Di-n-octyl phthalate	22.98	149	1401	0.03	ng/ul	100
85) Benzo(b)fluoranthene	24.15	252	8857	0.16	ng/ul#	74
86) Benzo(k)fluoranthene	24.22	252	2718	0.05	ng/ul#	40
88) Benzo(a)pyrene	25.06	252	6862	0.13	ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	29.08	276	2550	0.04	ng/ul#	78
90) Dibenzo(a,h)anthracene	29.14	278	909	0.02	ng/ul#	87
91) Benzo(a,h,i)perylene	30.34	276	1068	0.02	ng/ul	93

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



#2

1,4-Dioxane

Concen: 0.43 ng/uL

RT: 3.55 min Scan# 120

Delta R.T. 0.02 min

Lab File: BG023460.D

Acq: 4 Aug 2016 20:27

Instrument :

BNA_G

ClientSampled :

BDJJ4

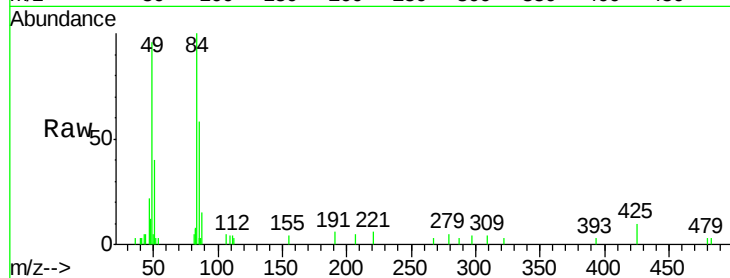
Tot Ion: 88 Resp: 973

Ion Ratio Lower Upper

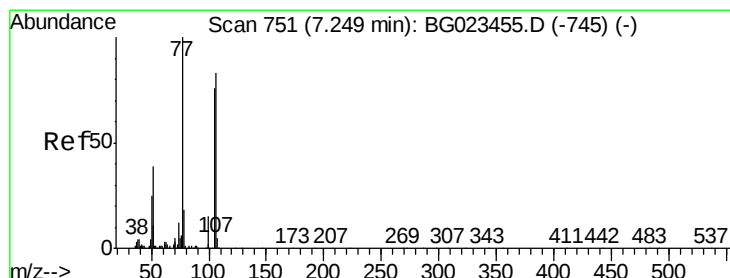
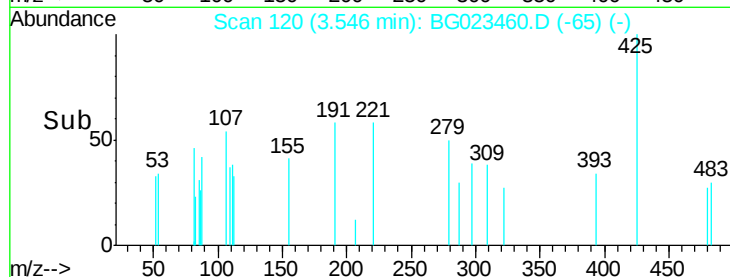
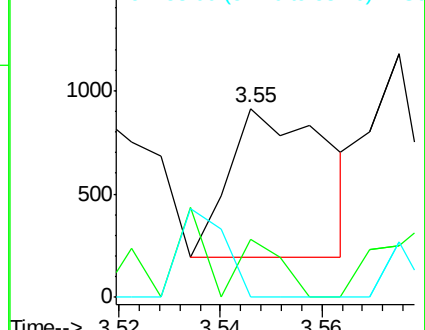
88 100

43 31.1 16.6 24.8#

58 0.0 47.2 70.8#



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



#4

Benzaldehyde

Concen: 0.02 ng/uL

RT: 7.25 min Scan# 750

Delta R.T. -0.00 min

Lab File: BG023460.D

Acq: 4 Aug 2016 20:27

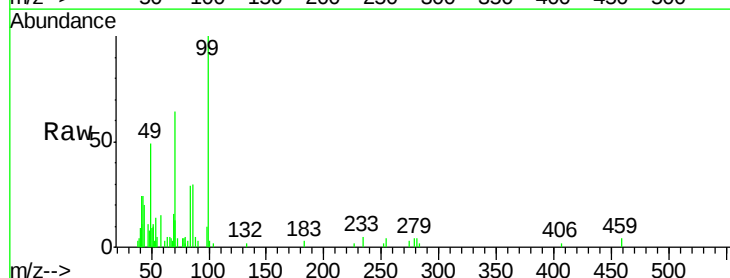
Tgt Ion: 77 Resp: 95

Ion Ratio Lower Upper

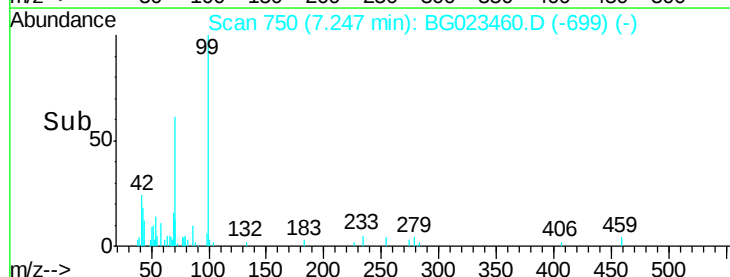
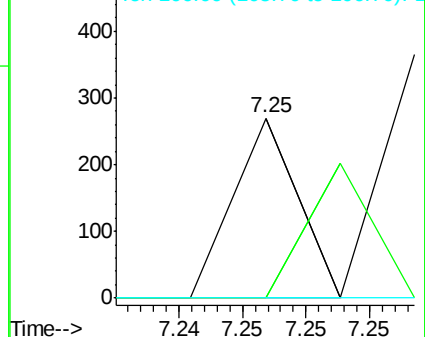
77 100

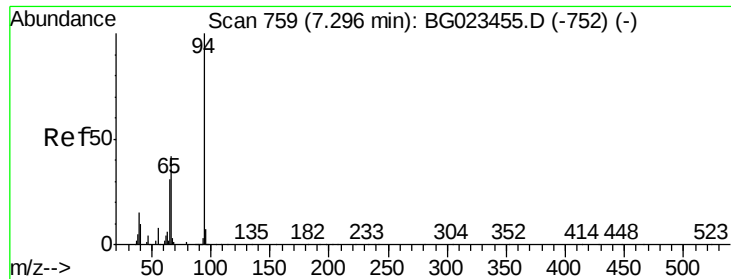
105 0.0 83.8 125.8#

106 0.0 77.9 116.9#



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: 0.50 ng/ul

RT: 7.30 min Scan# 759

Delta R.T. 0.00 min

Lab File: BG023460.D

Acq: 4 Aug 2016 20:27

Instrument :

BNA_G

ClientSampleId :

BDJJ4

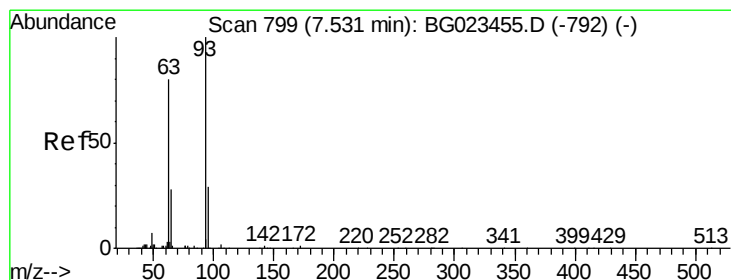
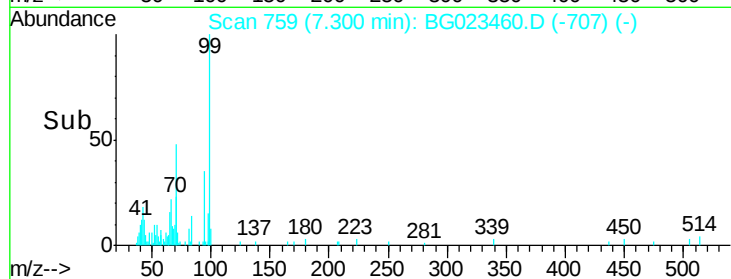
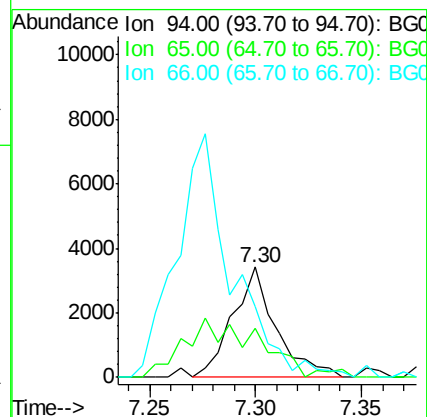
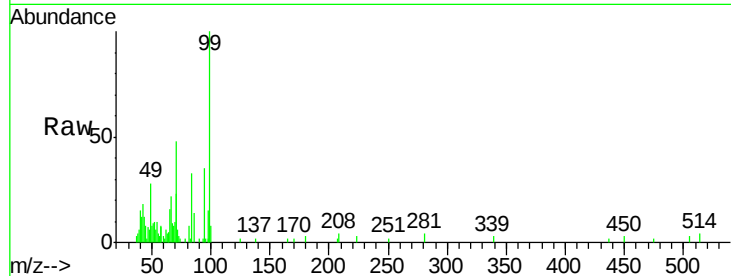
Tot Ion: 94 Resp: 4846

Ion Ratio Lower Upper

94 100

65 44.7 16.8 25.2#

66 64.1 22.6 33.8#



#8

Bis(2-Chloroethyl)ether

Concen: 0.03 ng/ul

RT: 7.54 min Scan# 800

Delta R.T. 0.01 min

Lab File: BG023460.D

Acq: 4 Aug 2016 20:27

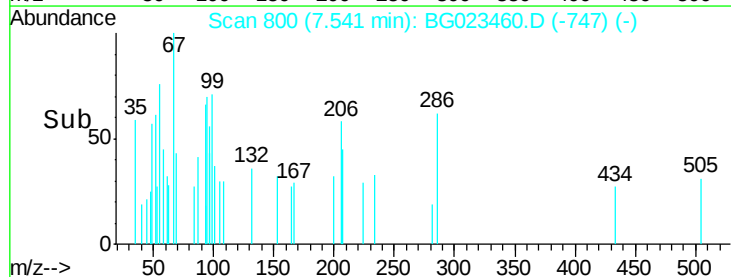
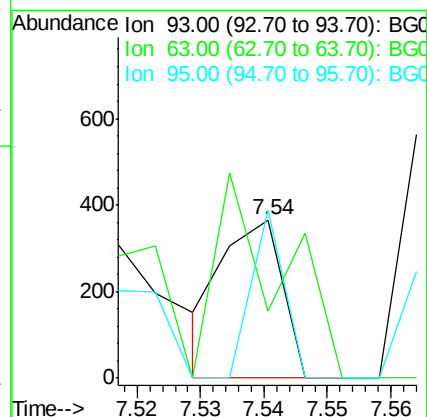
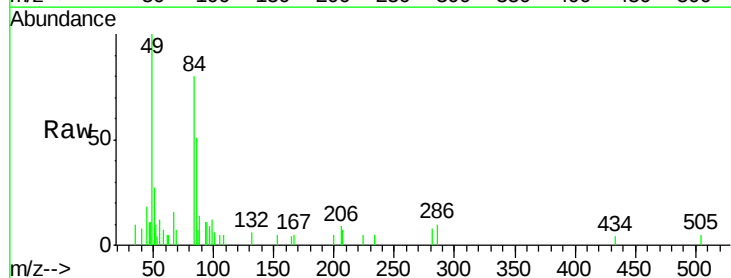
Tgt Ion: 93 Resp: 237

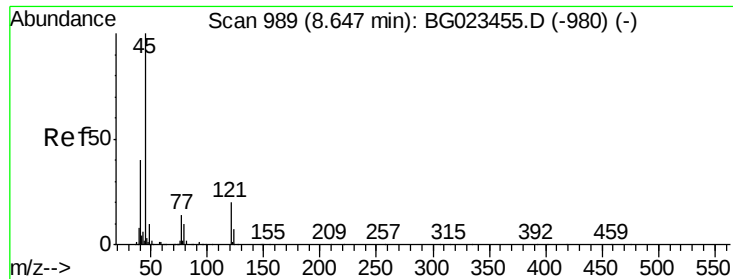
Ion Ratio Lower Upper

93 100

63 42.6 56.0 84.0#

95 106.0 27.7 41.5#

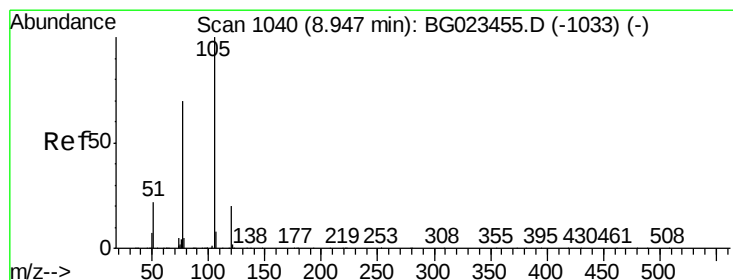
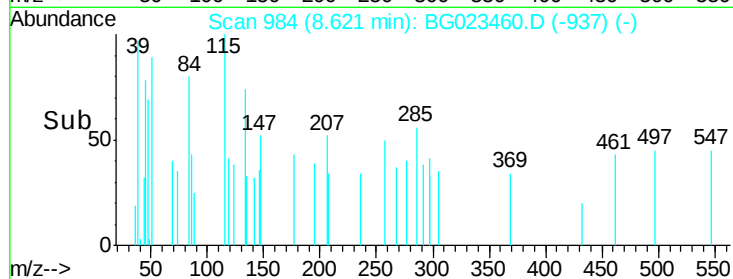
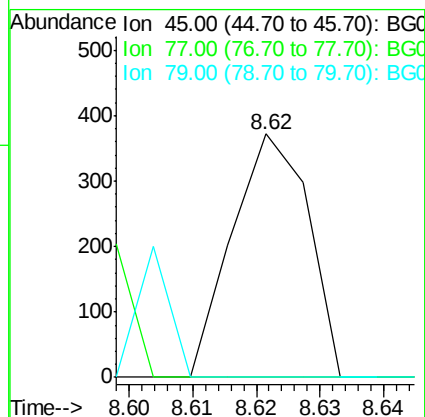
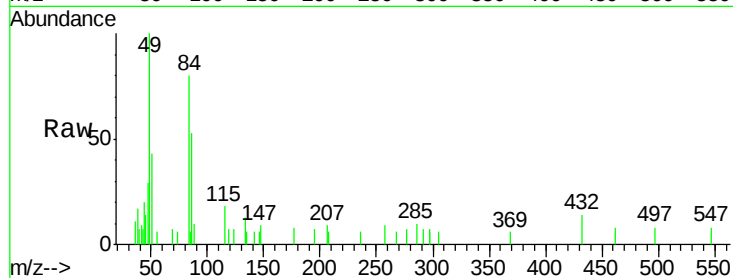




#12
2,2'-oxvbis(1-Chloropropane)
Concen: 0.03 ng/ul
RT: 8.62 min Scan# 984
Delta R.T. -0.03 min
Lab File: BG023460.D
Acq: 4 Aug 2016 20:27

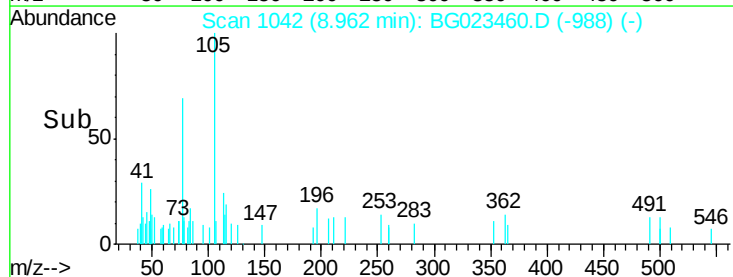
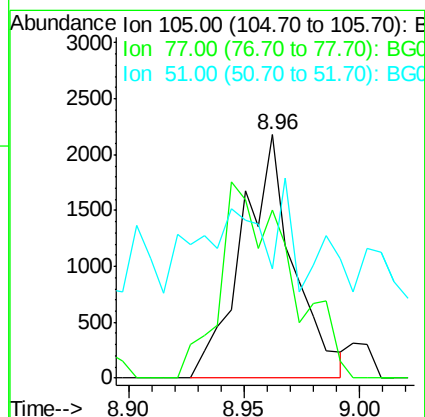
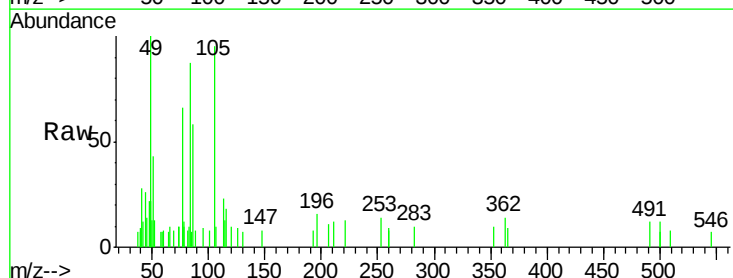
Instrument :
BNA_G
ClientSampleId :
BDJJ4

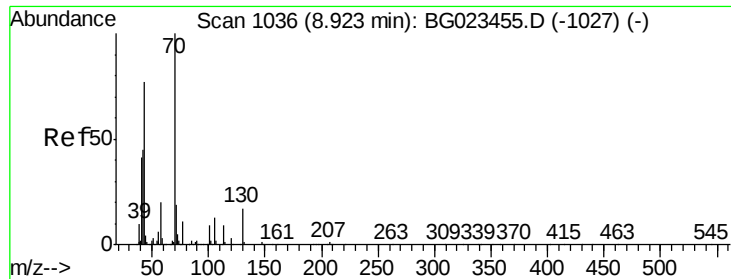
Tot Ion: 45 Resp: 307
Ion Ratio Lower Upper
45 100
77 0.0 13.4 20.2#
79 0.0 10.2 15.4#



#14
Acetophenone
Concen: 0.29 ng/ul
RT: 8.96 min Scan# 1042
Delta R.T. 0.02 min
Lab File: BG023460.D
Acq: 4 Aug 2016 20:27

Tgt Ion:105 Resp: 3386
Ion Ratio Lower Upper
105 100
77 69.2 56.1 84.1
51 44.8 14.6 22.0#

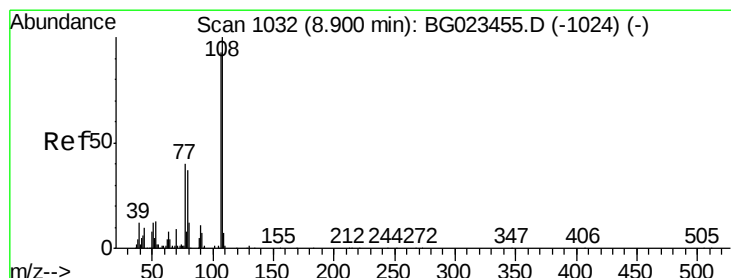
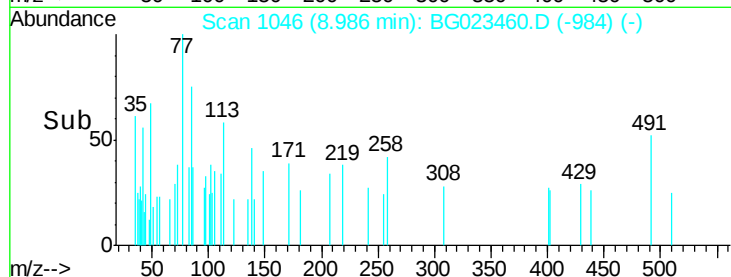
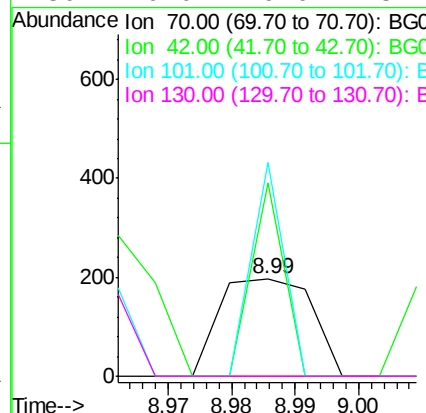
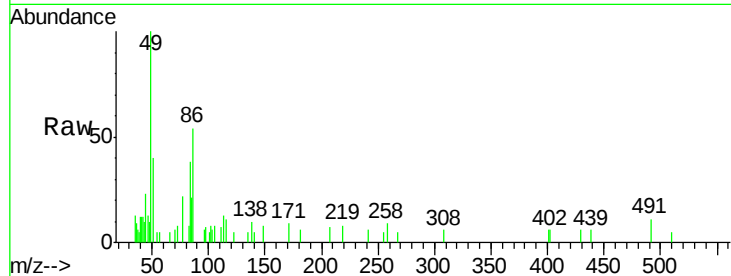




#15
N-Nitroso-di-n-propylamine
Concen: 0.03 ng/ul
RT: 8.99 min Scan# 1046
Delta R.T. 0.06 min
Lab File: BG023460.D
Acq: 4 Aug 2016 20:27

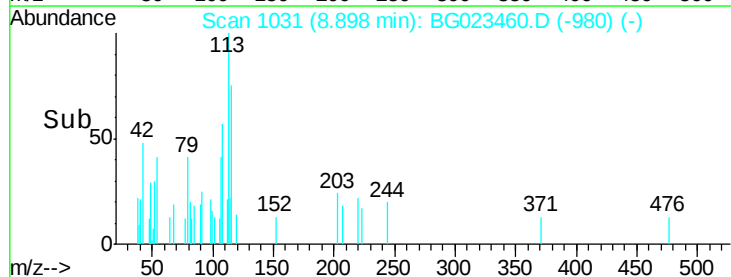
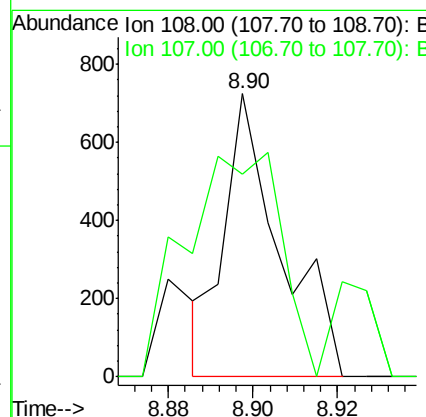
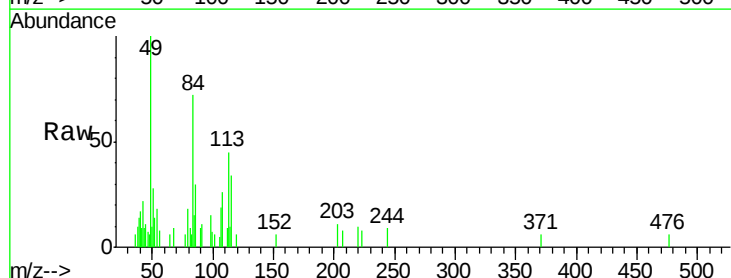
Instrument :
BNA_G
ClientSampleId :
BDJJ4

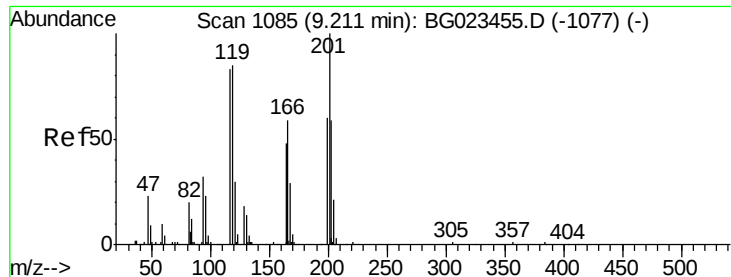
Tot Ion: 70 Resp: 198
Ion Ratio Lower Upper
70 100
42 197.5 31.4 47.2#
101 218.2 8.6 13.0#
130 0.0 19.0 28.4#



#16
4-Methylphenol
Concen: 0.08 ng/ul
RT: 8.90 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BG023460.D
Acq: 4 Aug 2016 20:27

Tgt Ion: 108 Resp: 659
Ion Ratio Lower Upper
108 100
107 71.8 88.3 132.5#





#17

Hexachloroethane

Concen: 0.03 ng/ul

RT: 9.13 min Scan# 1070

Delta R.T. -0.08 min

Lab File: BG023460.D

Acq: 4 Aug 2016 20:27

Instrument :

BNA_G

ClientSampleId :

BDJJ4

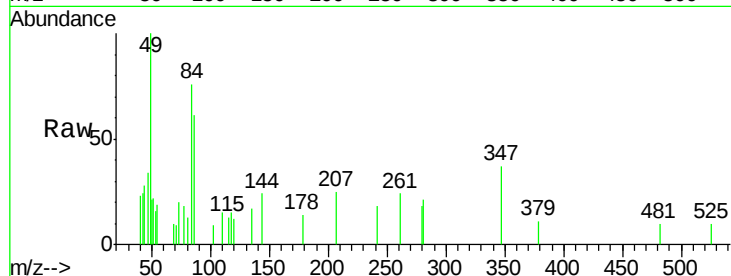
Tot Ion:117 Resp: 90

Ion Ratio Lower Upper

117 100

201 0.0 76.8 115.2#

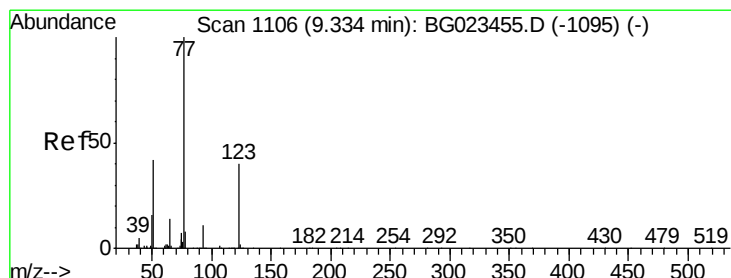
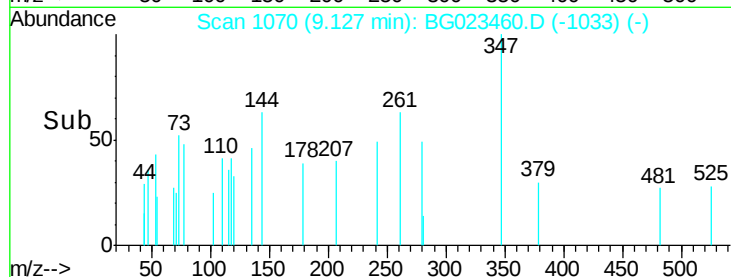
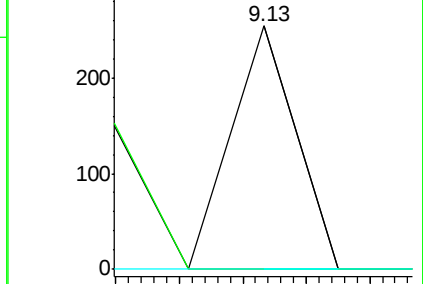
199 0.0 43.5 65.3#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#20

Nitrobenzene

Concen: 0.01 ng/ul

RT: 9.33 min Scan# 1104

Delta R.T. -0.01 min

Lab File: BG023460.D

Acq: 4 Aug 2016 20:27

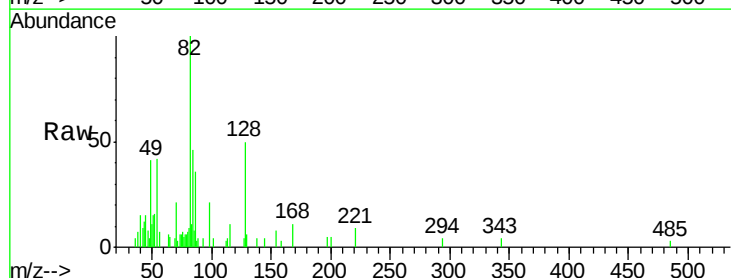
Tgt Ion: 77 Resp: 86

Ion Ratio Lower Upper

77 100

123 0.0 39.5 59.3#

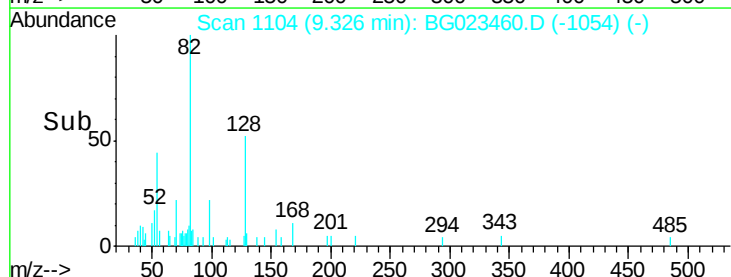
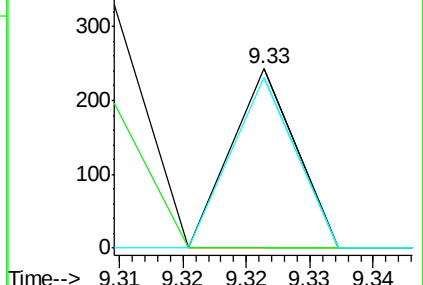
65 95.1 9.0 13.4#

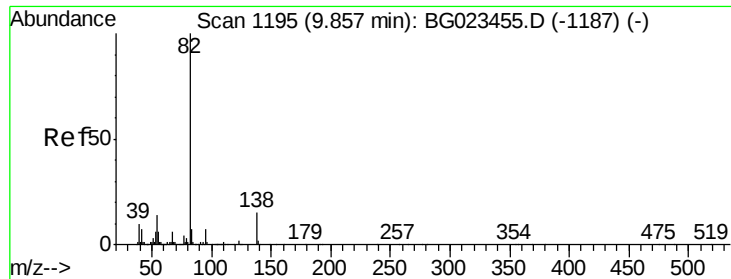


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BGC





#21

Isophorone

Concen: 0.01 ng/ul

RT: 9.89 min Scan# 1200

Delta R.T. 0.03 min

Lab File: BG023460.D

Acq: 4 Aug 2016 20:27

Instrument :

BNA_G

ClientSampleId :

BDJJ4

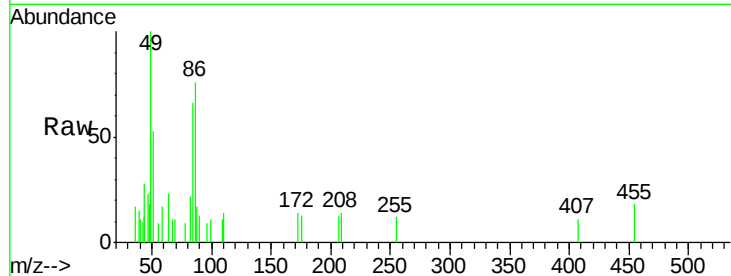
Tot Ion: 82 Resp: 200

Ion Ratio Lower Upper

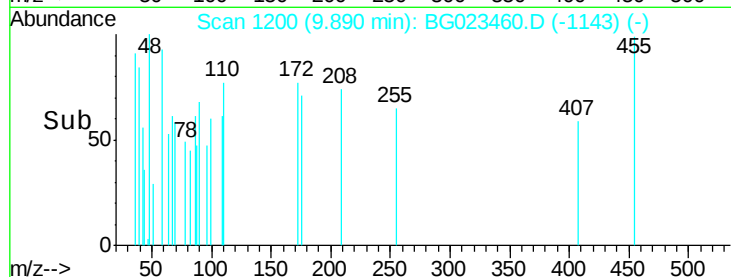
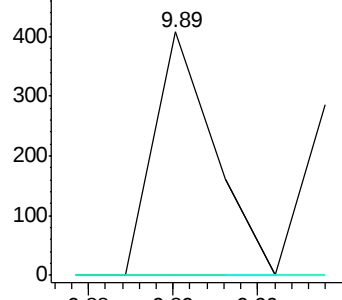
82 100

95 0.0 5.1 7.7#

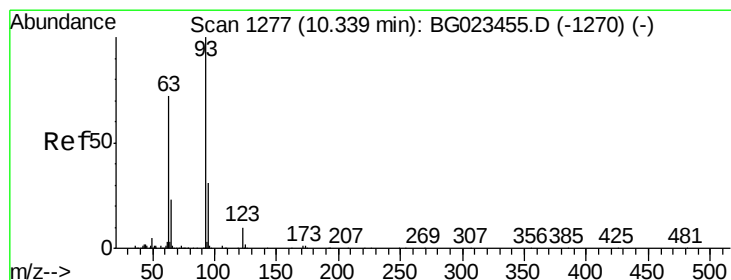
138 0.0 15.0 22.6#



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



Time-->



#25

Bis(2-Chloroethoxy)methane

Concen: 0.01 ng/ul

RT: 10.20 min Scan# 1252

Delta R.T. -0.14 min

Lab File: BG023460.D

Acq: 4 Aug 2016 20:27

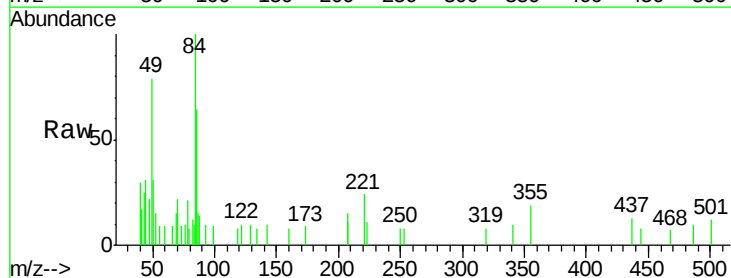
Tgt Ion: 93 Resp: 142

Ion Ratio Lower Upper

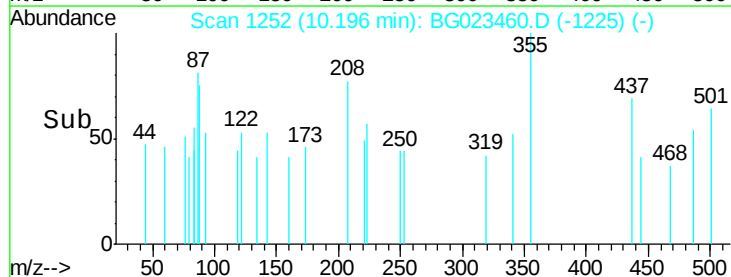
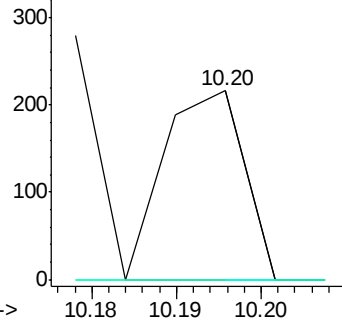
93 100

95 0.0 26.0 39.0#

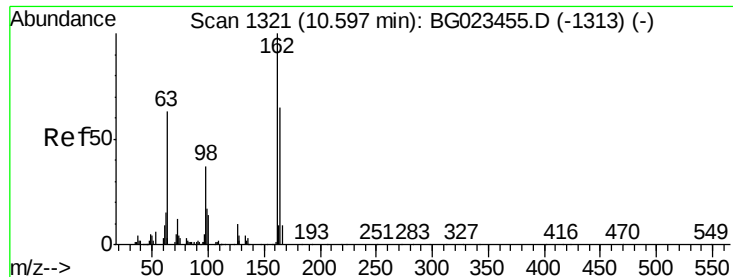
123 0.0 10.1 15.1#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): BGC



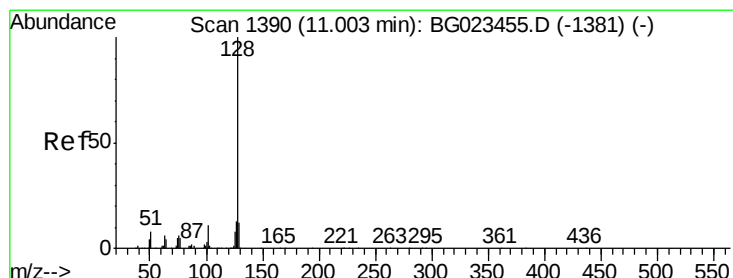
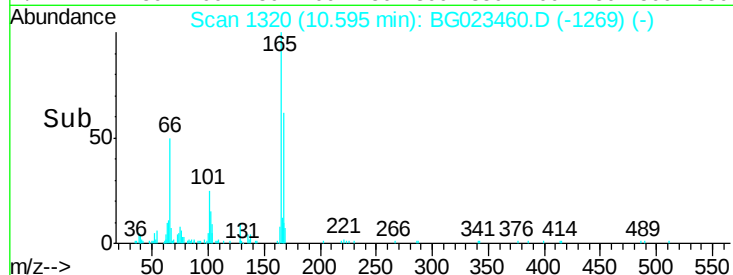
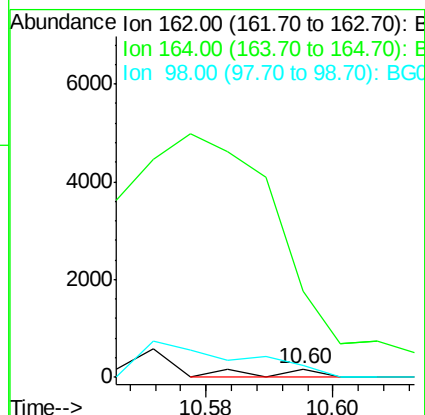
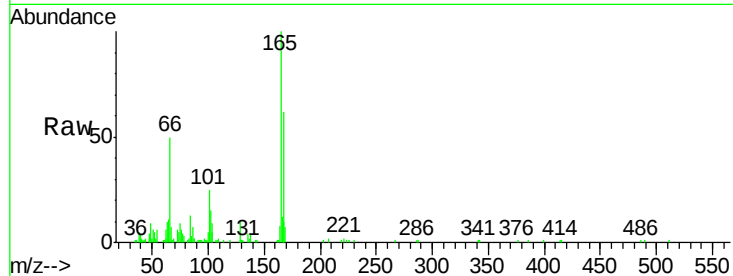
Time-->



#27
 2,4-Dichlorophenol
 Concen: 0.02 ng/ul
 RT: 10.60 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: BG023460.D
 Acq: 4 Aug 2016 20:27

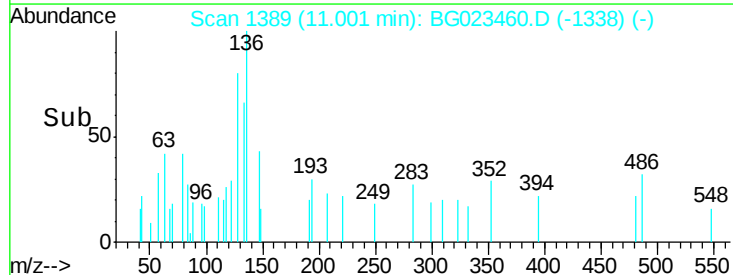
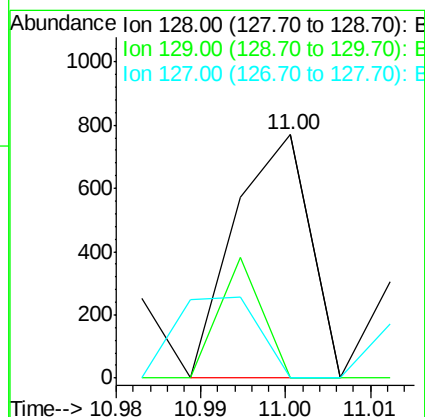
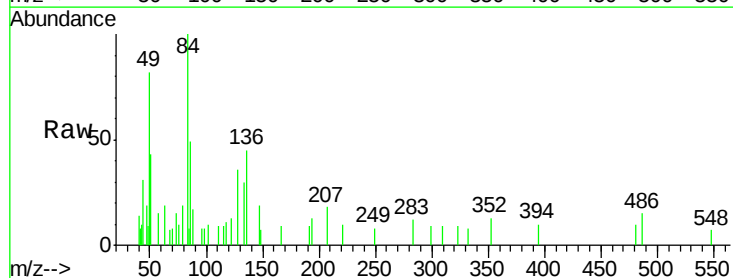
Instrument :
 BNA_G
 ClientSampleId :
 BDJJ4

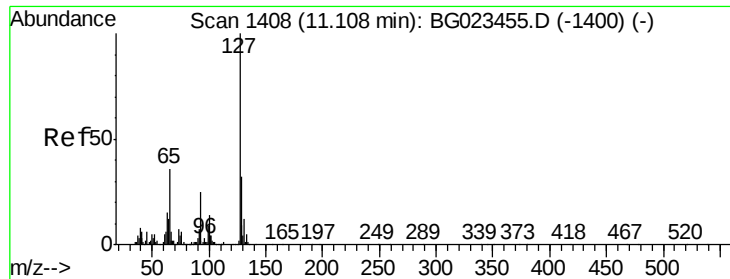
Tot Ion:162 Resp: 122
 Ion Ratio Lower Upper
 162 100
 164 984.8 51.6 77.4#
 98 136.0 28.3 42.5#



#28
 Naphthalene
 Concen: 0.02 ng/ul
 RT: 11.00 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: BG023460.D
 Acq: 4 Aug 2016 20:27

Tgt Ion:128 Resp: 473
 Ion Ratio Lower Upper
 128 100
 129 0.0 9.4 14.2#
 127 0.0 11.2 16.8#

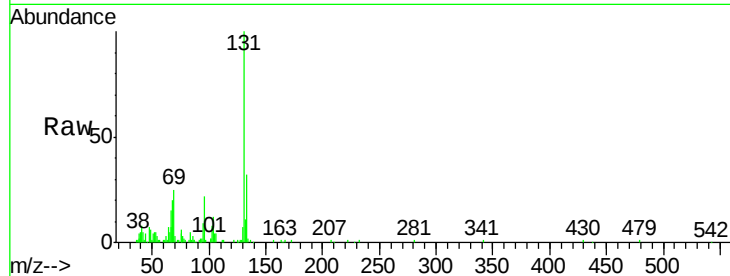




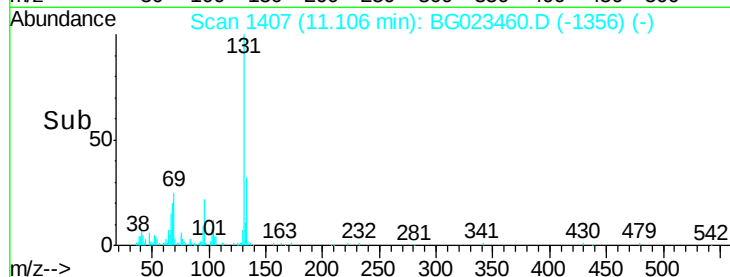
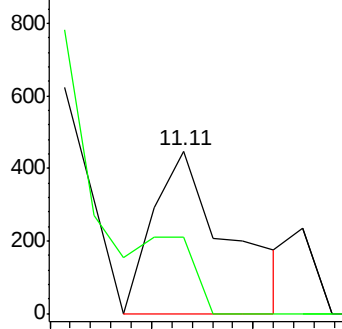
#30
4-Chloroaniline
Concen: 0.05 ng/ul
RT: 11.11 min Scan# 1407
Delta R.T. -0.00 min
Lab File: BG023460.D
Acq: 4 Aug 2016 20:27

Instrument :
BNA_G
ClientSampleId :
BDJJ4

Tot Ion:127 Resp: 465
Ion Ratio Lower Upper
127 100
129 46.7 26.9 40.3#

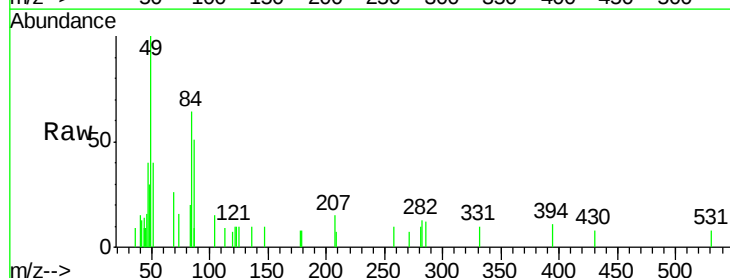
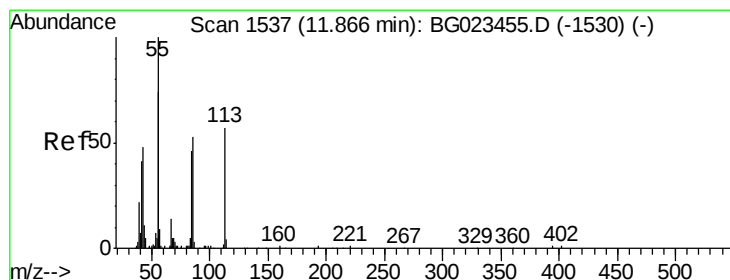


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E

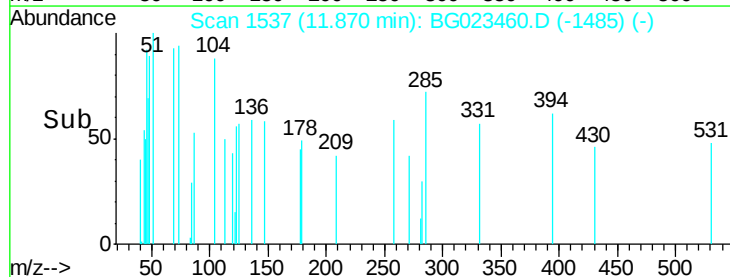
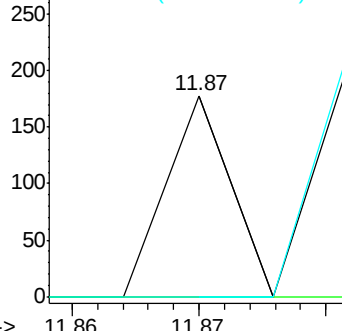


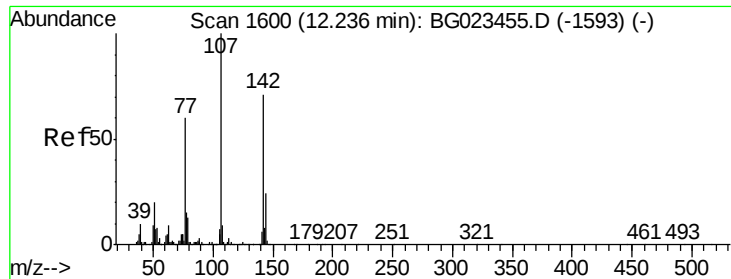
#32
Caprolactam
Concen: 0.02 ng/ul
RT: 11.87 min Scan# 1537
Delta R.T. 0.00 min
Lab File: BG023460.D
Acq: 4 Aug 2016 20:27

Tgt Ion:113 Resp: 63
Ion Ratio Lower Upper
113 100
55 0.0 99.6 149.4#
56 0.0 66.4 99.6#



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BG023455.D (-1530) (-)
Ion 56.00 (55.70 to 56.70): BG023460.D (-1485) (-)

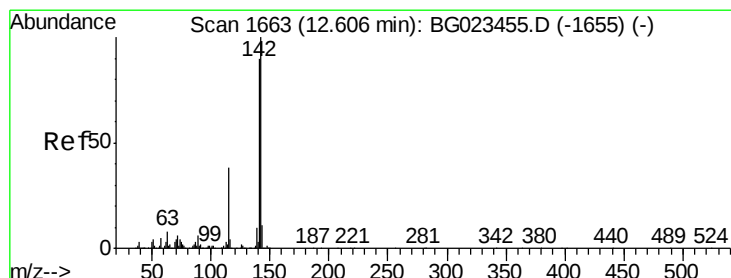
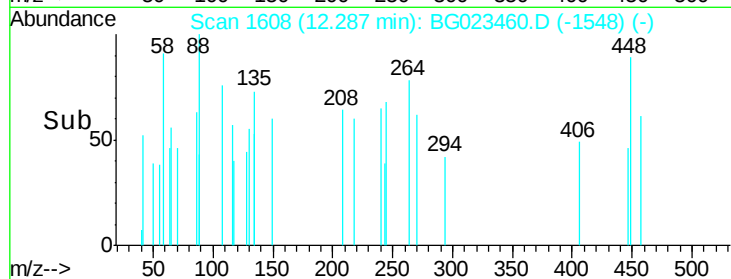
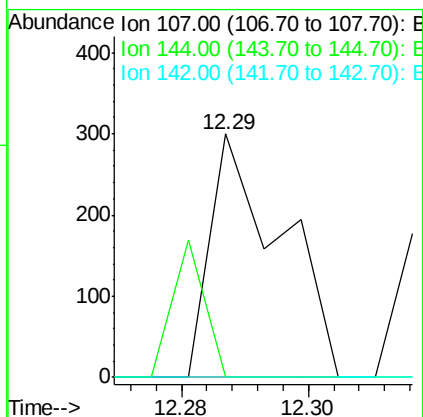
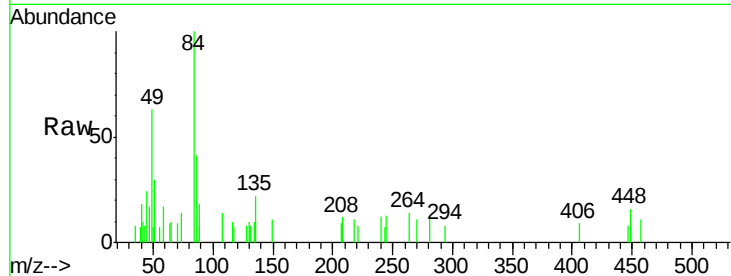




#33
 4-Chloro-3-methylphenol
 Concen: 0.02 ng/ul
 RT: 12.29 min Scan# 1608
 Delta R.T. 0.05 min
 Lab File: BG023460.D
 Acq: 4 Aug 2016 20:27

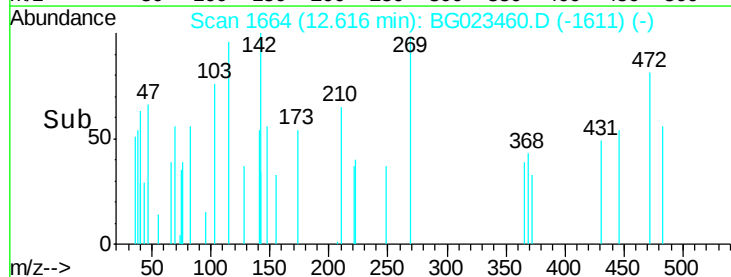
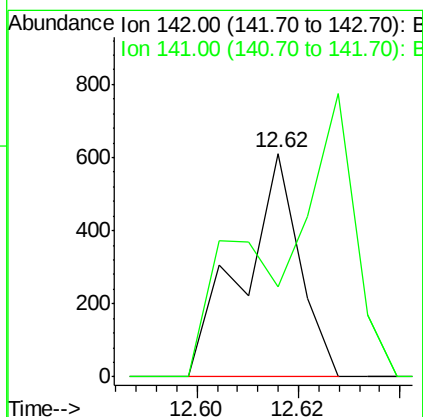
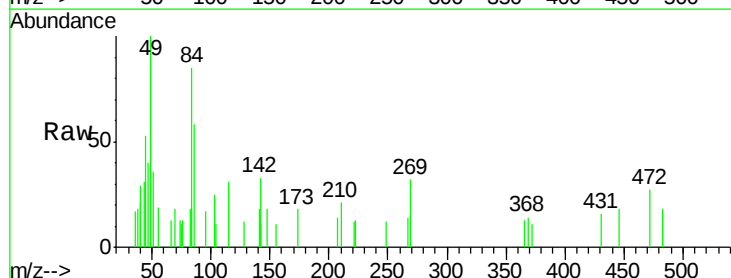
Instrument :
 BNA_G
 ClientSampleId :
 BDJJ4

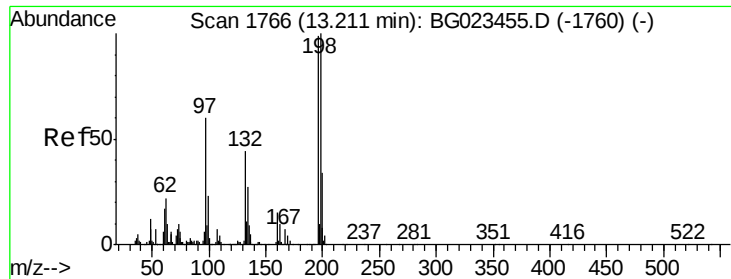
Tot Ion:107 Resp: 230
 Ion Ratio Lower Upper
 107 100
 144 0.0 22.7 34.1#
 142 0.0 71.6 107.4#



#34
 2-Methylnaphthalene
 Concen: 0.03 ng/ul
 RT: 12.62 min Scan# 1664
 Delta R.T. 0.01 min
 Lab File: BG023460.D
 Acq: 4 Aug 2016 20:27

Tgt Ion:142 Resp: 477
 Ion Ratio Lower Upper
 142 100
 141 40.6 75.2 112.8#

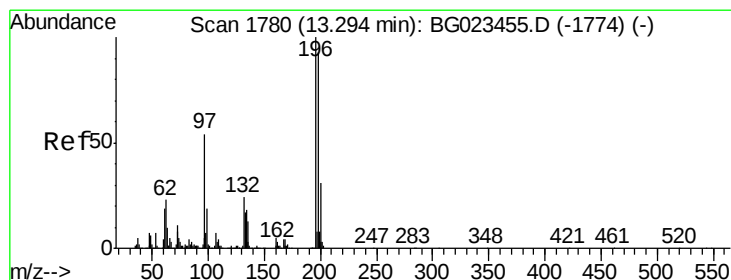
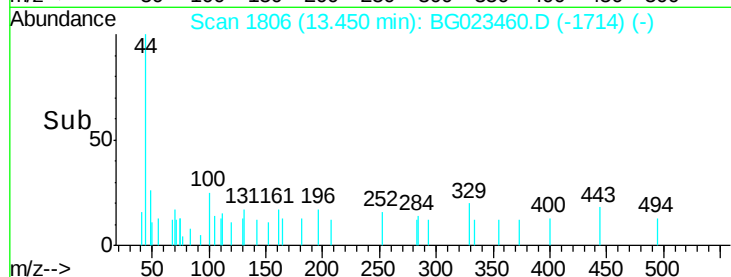
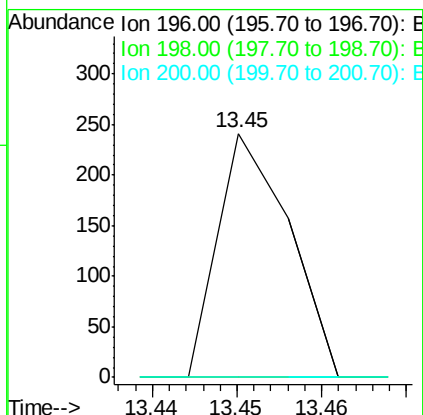
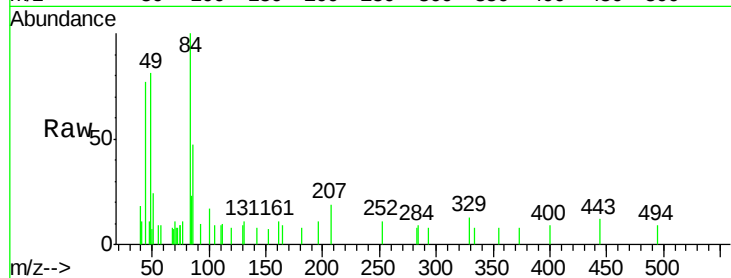




#38
 2,4,6-Trichlorophenol
 Concen: 0.02 ng/ul
 RT: 13.45 min Scan# 1806
 Delta R.T. 0.24 min
 Lab File: BG023460.D
 Acq: 4 Aug 2016 20:27

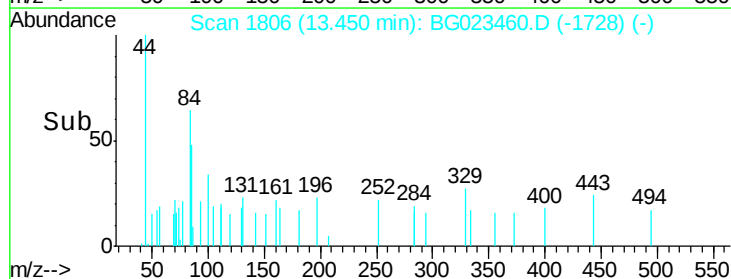
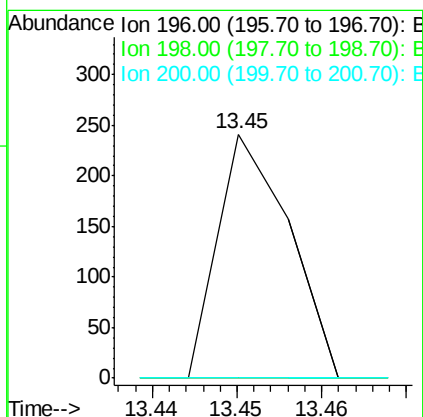
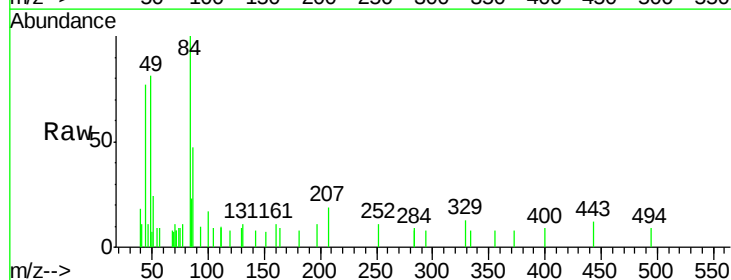
Instrument :
 BNA_G
 ClientSampleId :
 BDJJ4

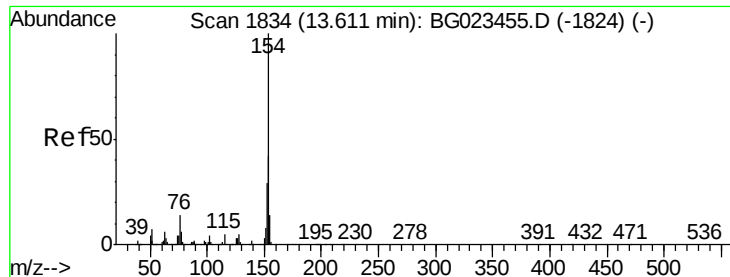
Tot Ion	Ratio	Lower	Upper
196	100		
198	0.0	77.4	116.0#
200	0.0	26.6	39.8#



#39
 2,4,5-Trichlorophenol
 Concen: 0.02 ng/ul
 RT: 13.45 min Scan# 1806
 Delta R.T. 0.16 min
 Lab File: BG023460.D
 Acq: 4 Aug 2016 20:27

Tgt Ion	Ratio	Lower	Upper
196	100		
198	0.0	79.8	119.8#
200	0.0	24.0	36.0#





#40

1,1'-Biphenyl

Concen: 0.01 ng/ul

RT: 13.61 min Scan# 1833

Delta R.T. -0.00 min

Lab File: BG023460.D

Acq: 4 Aug 2016 20:27

Instrument :

BNA_G

ClientSampleId :

BDJJ4

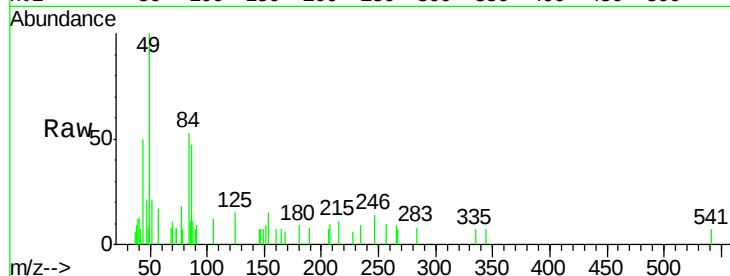
Tot Ion:154 Resp: 341

Ion Ratio Lower Upper

154 100

153 0.0 34.6 52.0#

76 0.0 11.9 17.9#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

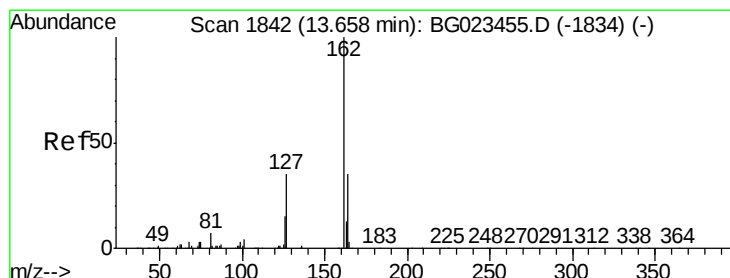
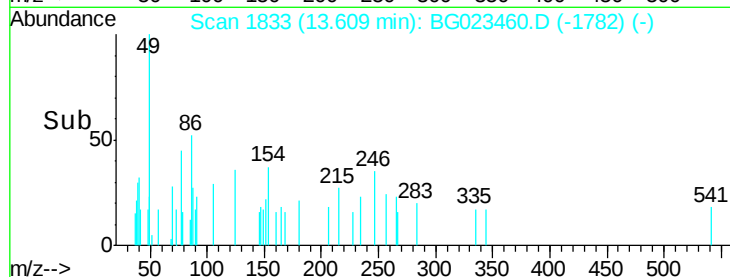
Ion 76.00 (75.70 to 76.70): B

Time-->

13.61

13.62

13.64



#41

2-Chloronaphthalene

Concen: 0.01 ng/ul

RT: 13.72 min Scan# 1852

Delta R.T. 0.06 min

Lab File: BG023460.D

Acq: 4 Aug 2016 20:27

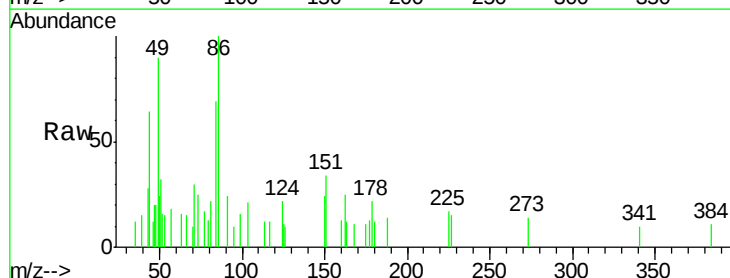
Tgt Ion:162 Resp: 229

Ion Ratio Lower Upper

162 100

164 0.0 25.4 38.2#

127 0.0 30.2 45.4#



Abundance Ion 162.00 (161.70 to 162.70): E

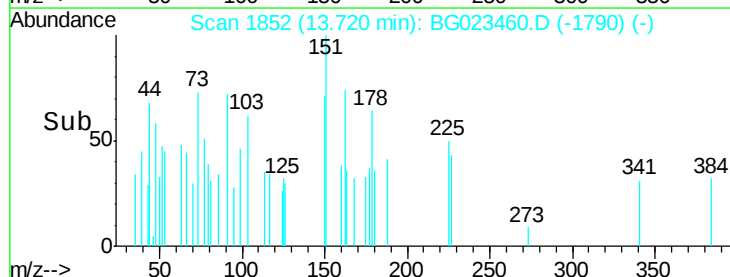
Ion 164.00 (163.70 to 164.70): E

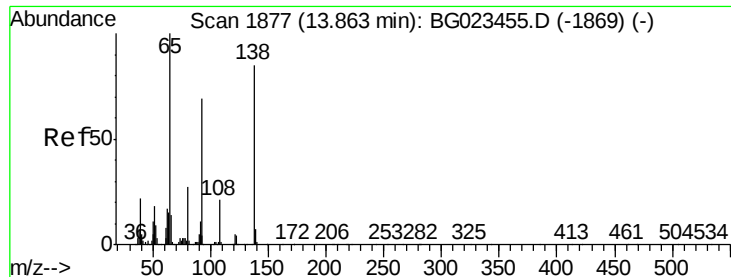
Ion 127.00 (126.70 to 127.70): E

Time-->

13.72

13.73





#42

2-Nitroaniline

Concen: 0.02 ng/ul

RT: 13.81 min Scan# 1868

Delta R.T. -0.05 min

Lab File: BG023460.D

Acq: 4 Aug 2016 20:27

Instrument :

BNA_G

ClientSampleId :

BDJJ4

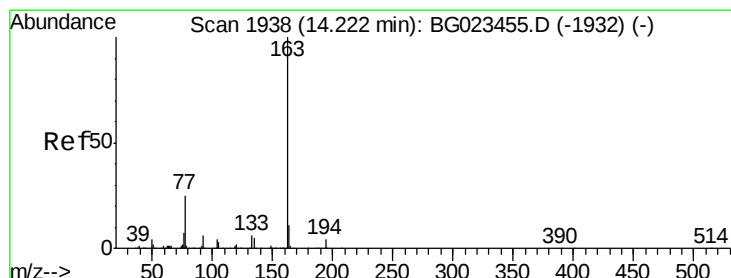
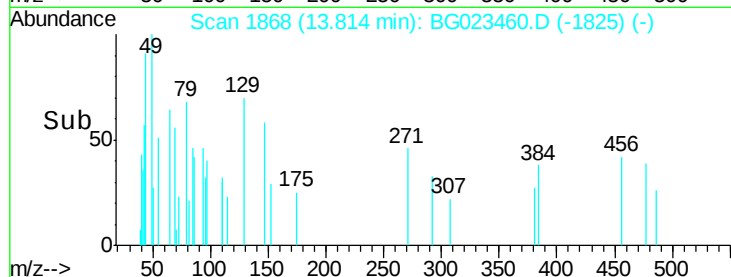
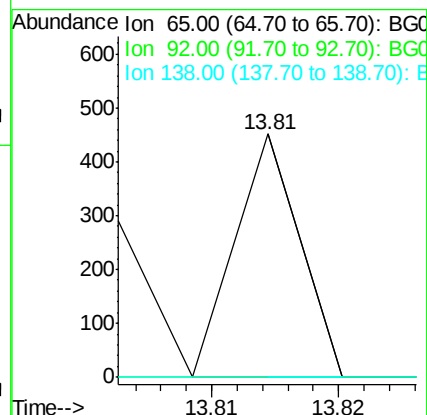
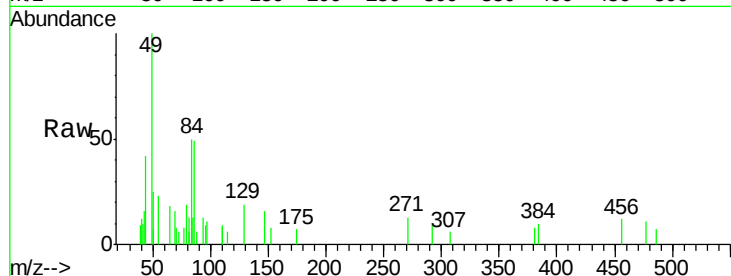
Tot Ion: 65 Resp: 159

Ion Ratio Lower Upper

65 100

92 0.0 67.1 100.7#

138 0.0 109.6 164.4#



#44

Dimethylphthalate

Concen: 13.06 ng/ul

RT: 14.22 min Scan# 1937

Delta R.T. -0.00 min

Lab File: BG023460.D

Acq: 4 Aug 2016 20:27

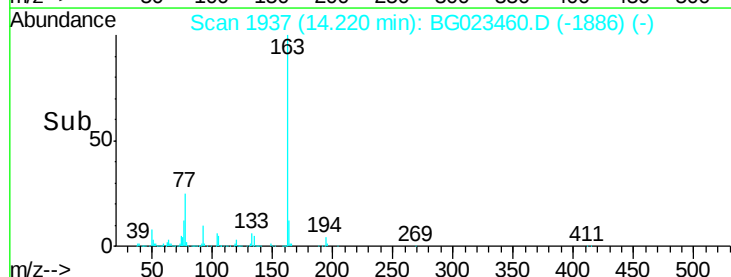
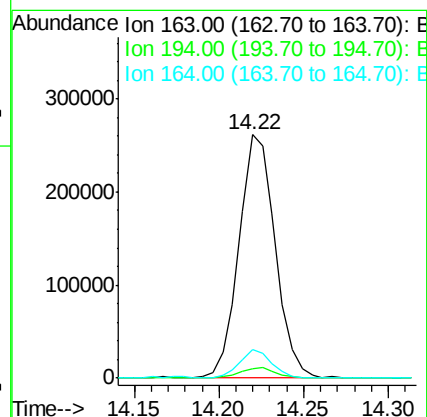
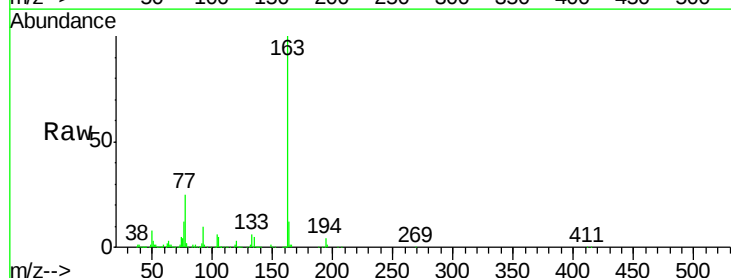
Tgt Ion:163 Resp: 389920

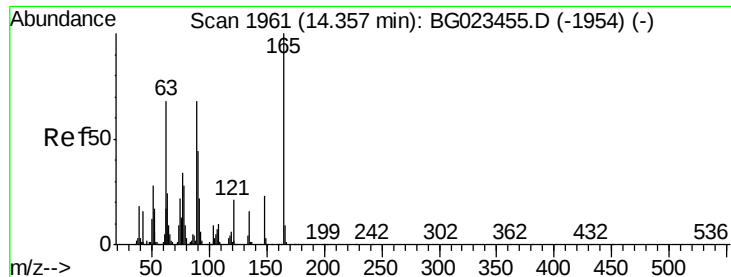
Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.2

164 11.7 8.8 13.2

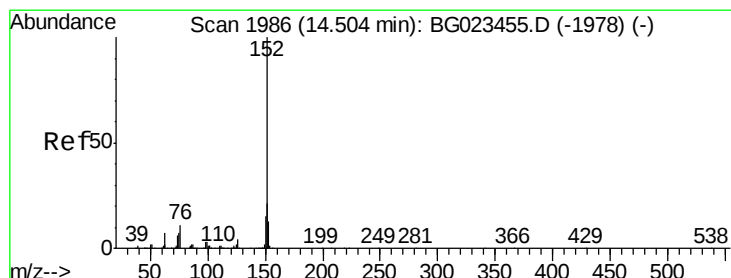
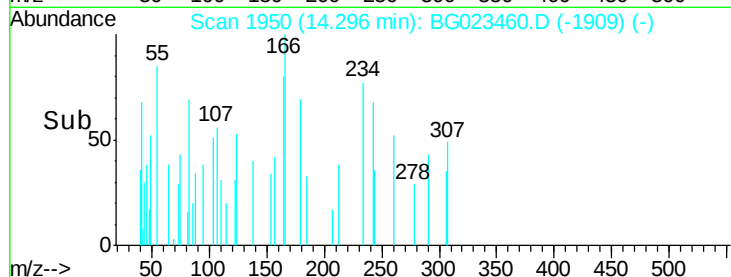
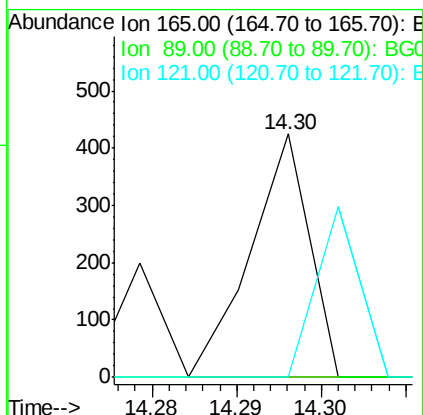
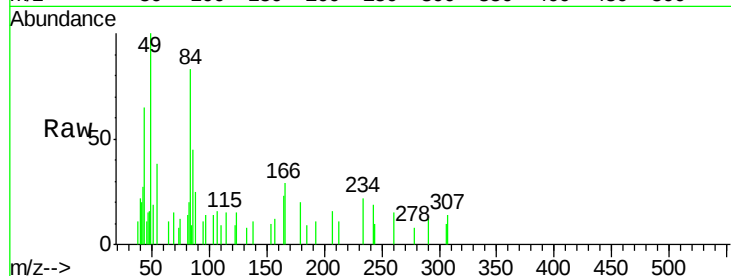




#45
 2,6-Dinitrotoluene
 Concen: 0.03 ng/ul
 RT: 14.30 min Scan# 1950
 Delta R.T. -0.06 min
 Lab File: BG023460.D
 Acq: 4 Aug 2016 20:27

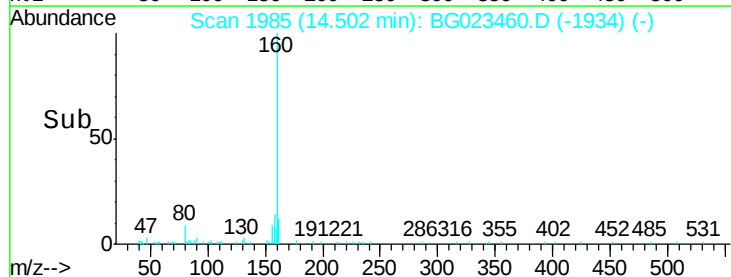
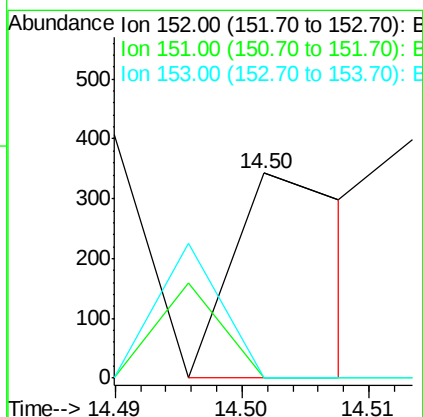
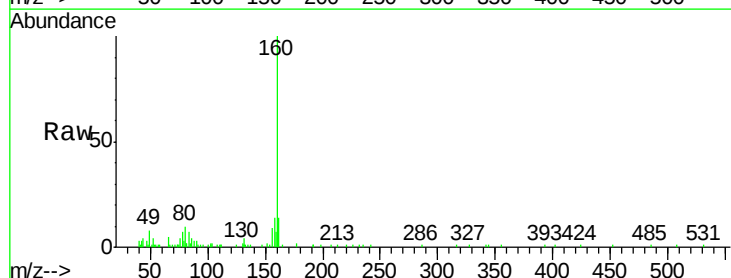
Instrument :
 BNA_G
 ClientSampleId :
 BDJJ4

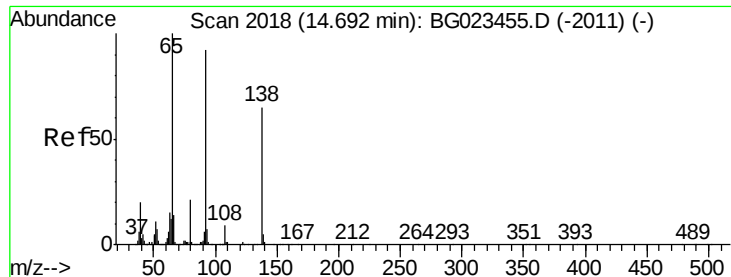
Tot Ion:165 Resp: 204
 Ion Ratio Lower Upper
 165 100
 89 0.0 41.5 62.3#
 121 0.0 17.0 25.4#



#47
 Acenaphthylene
 Concen: 0.01 ng/ul
 RT: 14.50 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: BG023460.D
 Acq: 4 Aug 2016 20:27

Tgt Ion:152 Resp: 226
 Ion Ratio Lower Upper
 152 100
 151 0.0 17.5 26.3#
 153 0.0 11.1 16.7#





#48

3-Nitroaniline

Concen: 0.03 ng/ul

RT: 14.69 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BG023460.D

Acq: 4 Aug 2016 20:27

Instrument :

BNA_G

ClientSampled :

BDJJ4

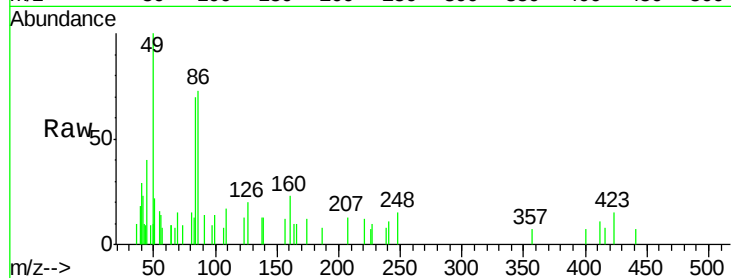
Tot Ion:138 Resp: 189

Ion Ratio Lower Upper

138 100

108 0.0 6.2 9.2#

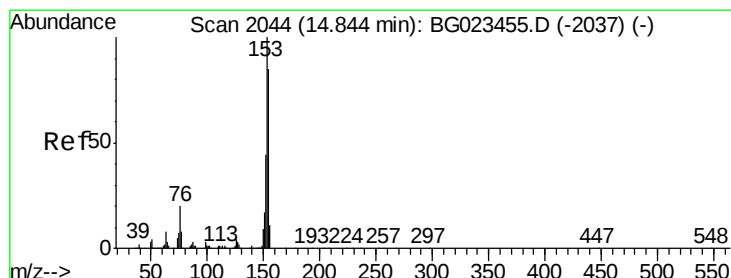
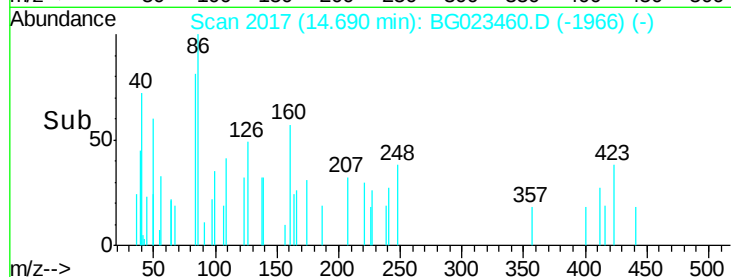
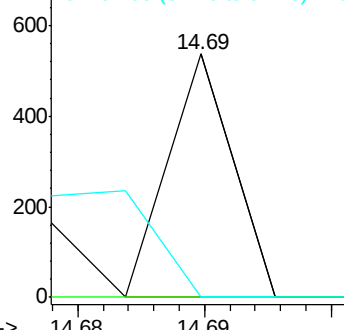
92 0.0 79.3 118.9#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#49

Acenaphthene

Concen: 0.02 ng/ul

RT: 14.84 min Scan# 2043

Delta R.T. -0.00 min

Lab File: BG023460.D

Acq: 4 Aug 2016 20:27

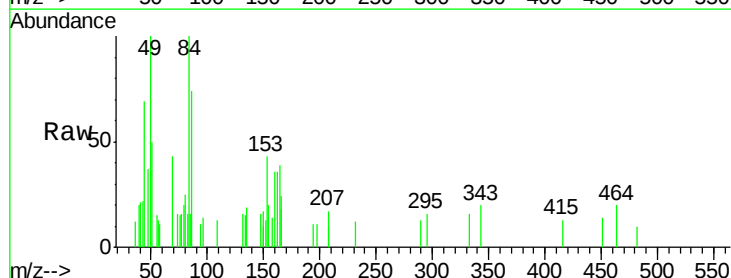
Tgt Ion:153 Resp: 603

Ion Ratio Lower Upper

153 100

152 29.2 37.3 55.9#

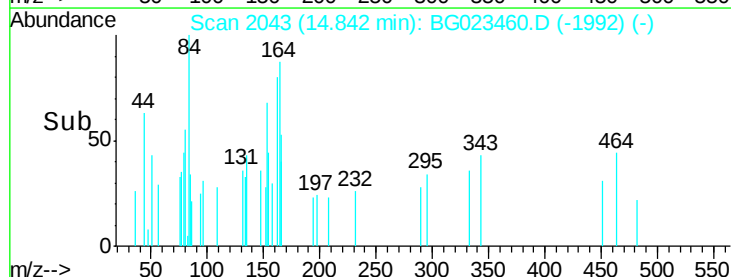
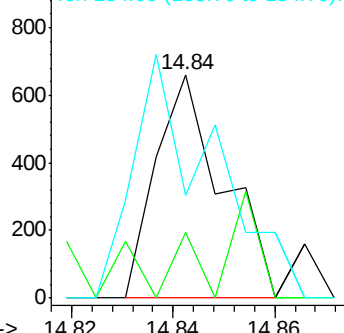
154 45.9 68.2 102.2#

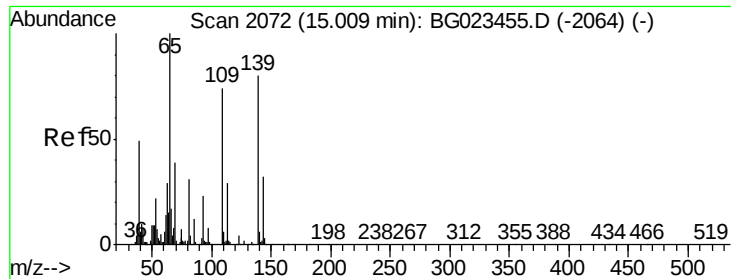


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

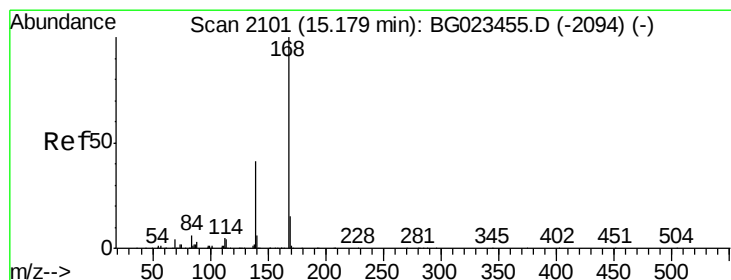
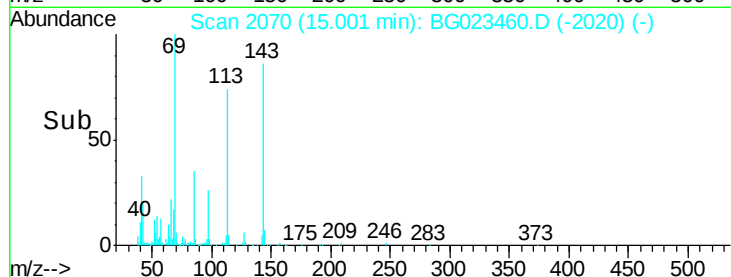
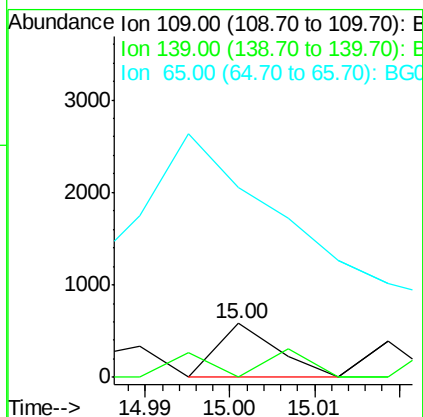
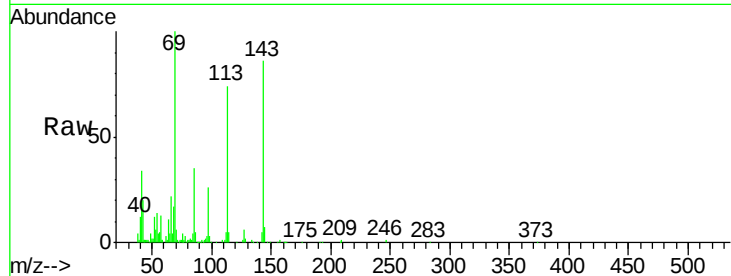




#52
4-Nitrophenol
Concen: 0.06 ng/ul
RT: 15.00 min Scan# 2070
Delta R.T. -0.01 min
Lab File: BG023460.D
Acq: 4 Aug 2016 20:27

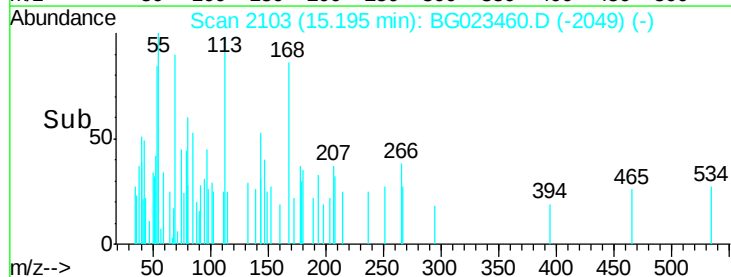
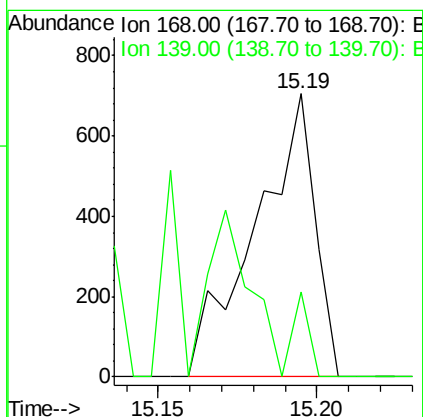
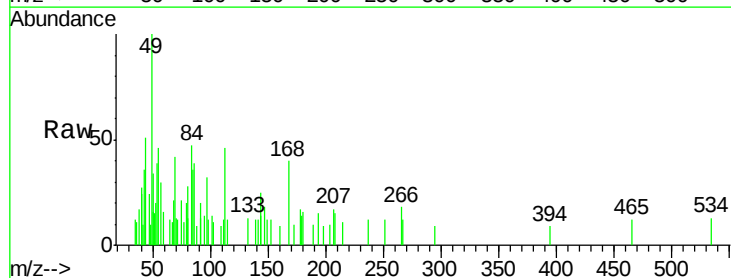
Instrument :
BNA_G
ClientSampleId :
BDJJ4

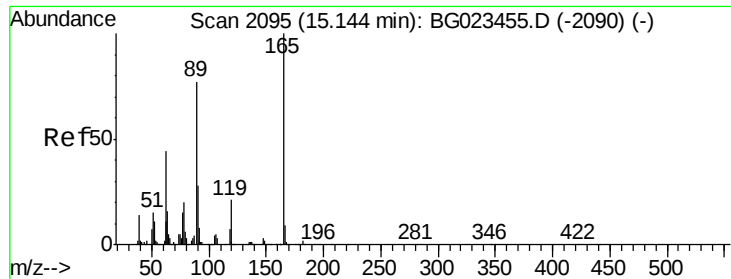
Tot Ion:109 Resp: 287
Ion Ratio Lower Upper
109 100
139 0.0 136.1 204.1#
65 354.0 106.0 159.0#



#53
Dibenzofuran
Concen: 0.03 ng/ul
RT: 15.19 min Scan# 2103
Delta R.T. 0.02 min
Lab File: BG023460.D
Acq: 4 Aug 2016 20:27

Tgt Ion:168 Resp: 921
Ion Ratio Lower Upper
168 100
139 29.9 27.4 41.0

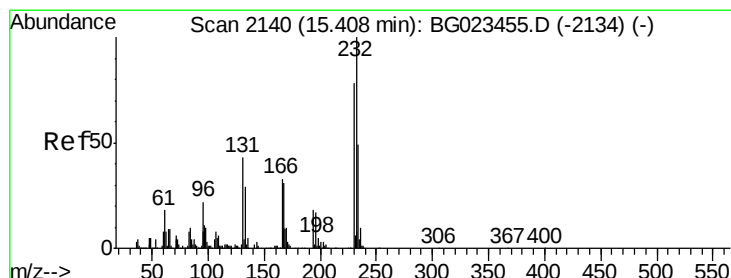
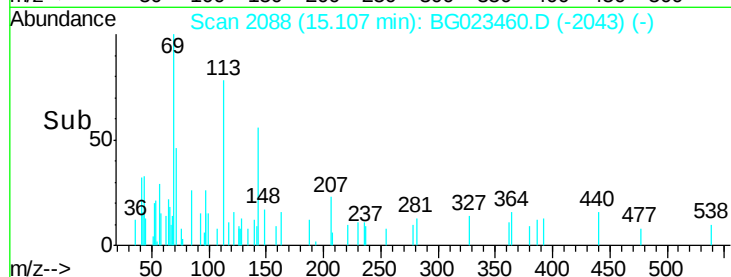
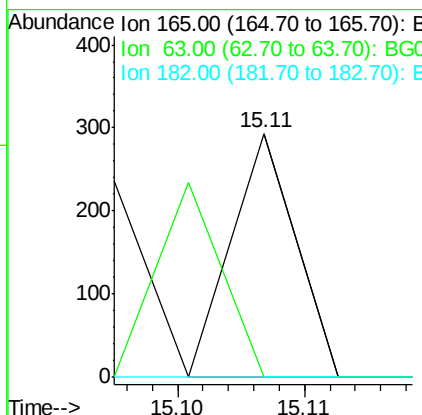
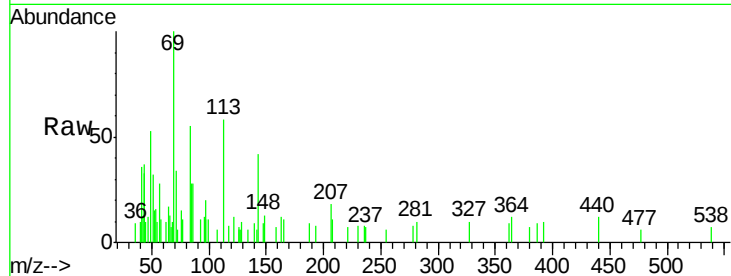




#54
 2,4-Dinitrotoluene
 Concen: 0.01 ng/ul
 RT: 15.11 min Scan# 2088
 Delta R.T. -0.04 min
 Lab File: BG023460.D
 Acq: 4 Aug 2016 20:27

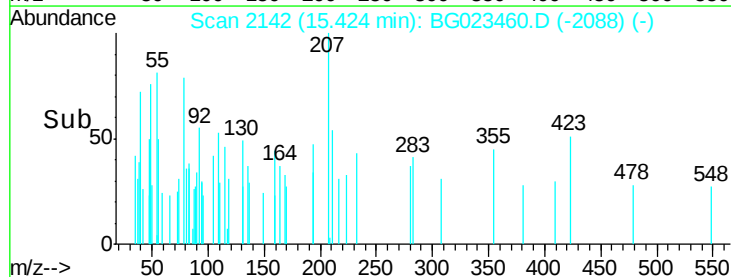
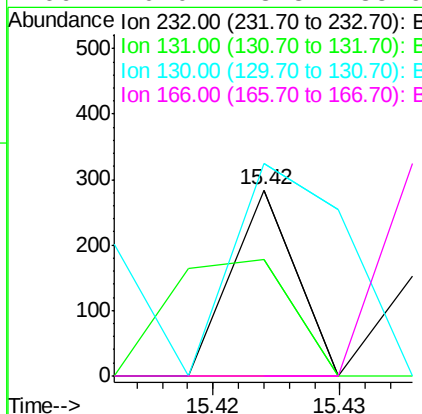
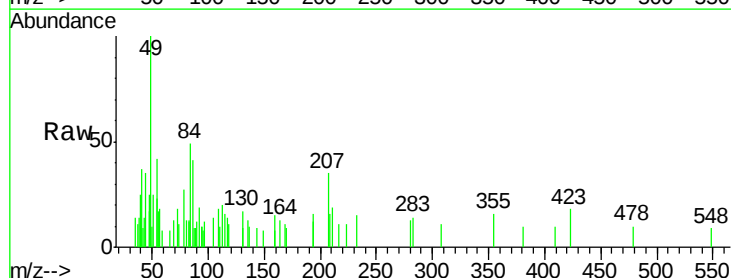
Instrument :
 BNA_G
 ClientSampleId :
 BDJJ4

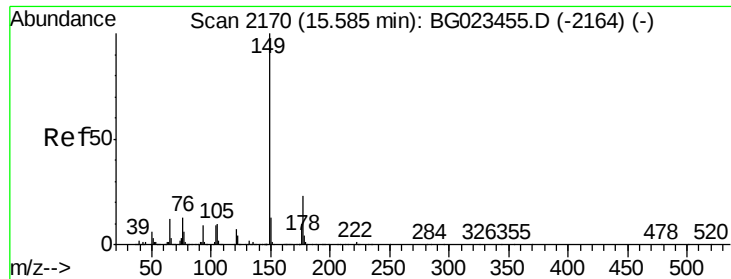
Tot Ion:165 Resp: 103
 Ion Ratio Lower Upper
 165 100
 63 0.0 25.7 38.5#
 182 0.0 2.1 3.1#



#55
 2,3,4,6-Tetrachlorophenol
 Concen: 0.01 ng/ul
 RT: 15.42 min Scan# 2142
 Delta R.T. 0.02 min
 Lab File: BG023460.D
 Acq: 4 Aug 2016 20:27

Tgt Ion:232 Resp: 100
 Ion Ratio Lower Upper
 232 100
 131 62.7 34.8 52.2#
 130 114.4 2.2 3.2#
 166 0.0 23.8 35.6#





#56

Diethylphthalate

Concen: 0.06 ng/ul

RT: 15.58 min Scan# 2169

Delta R.T. -0.00 min

Lab File: BG023460.D

Acq: 4 Aug 2016 20:27

Instrument :

BNA_G

ClientSampleId :

BDJJ4

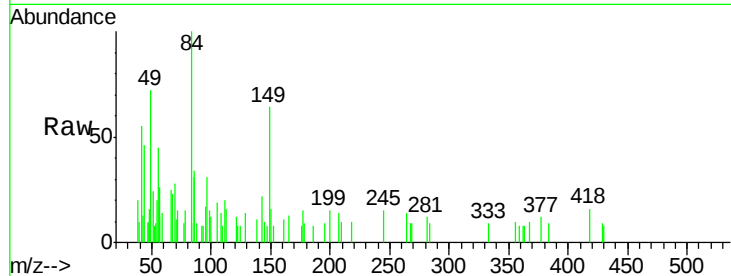
Tot Ion:149 Resp: 1859

Ion Ratio Lower Upper

149 100

177 24.0 17.4 26.2

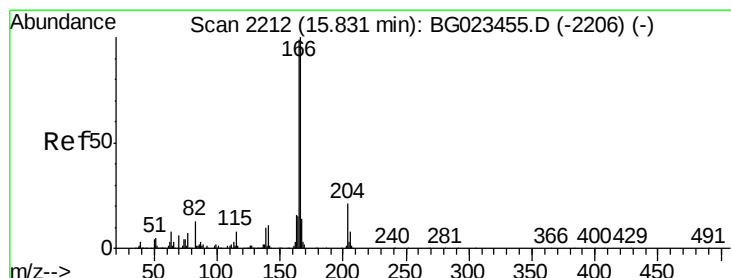
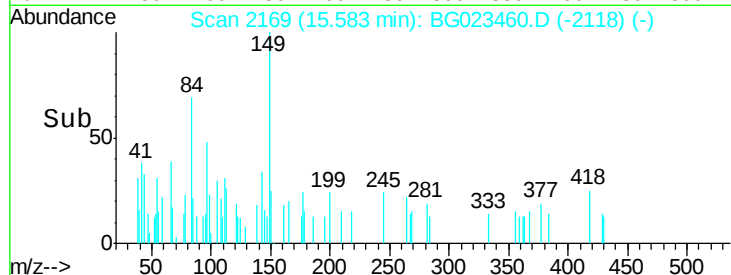
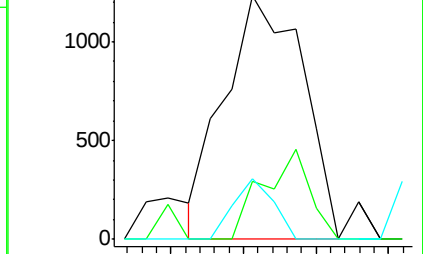
150 24.8 9.6 14.4#



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: 0.02 ng/ul

RT: 15.84 min Scan# 2212

Delta R.T. 0.00 min

Lab File: BG023460.D

Acq: 4 Aug 2016 20:27

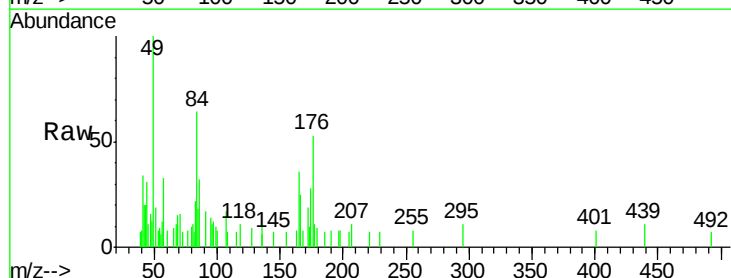
Tgt Ion:166 Resp: 740

Ion Ratio Lower Upper

166 100

165 140.7 80.3 120.5#

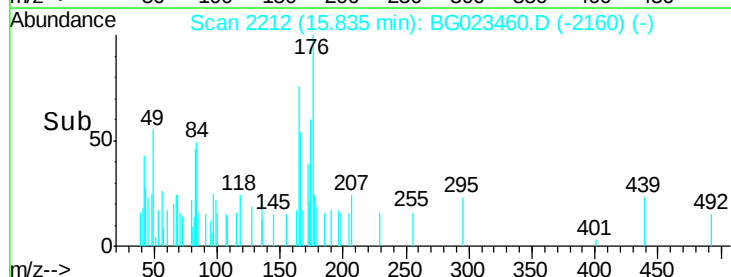
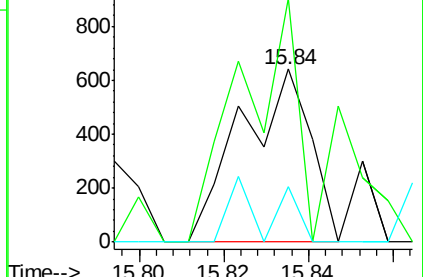
167 32.1 10.3 15.5#

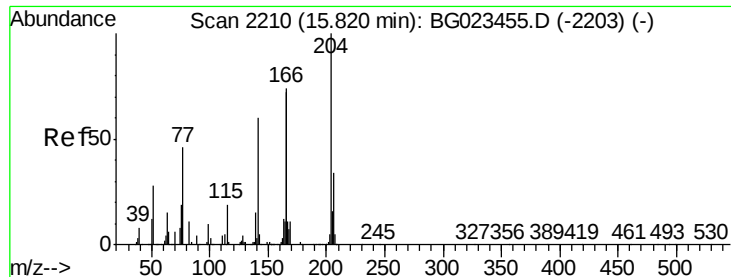


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

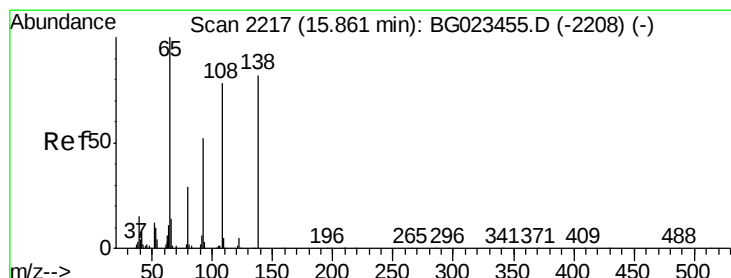
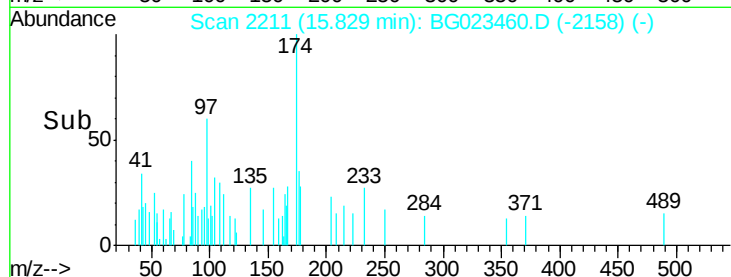
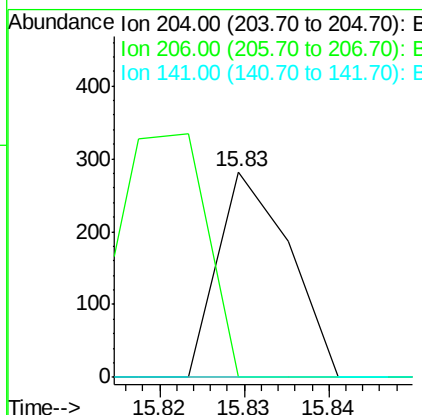
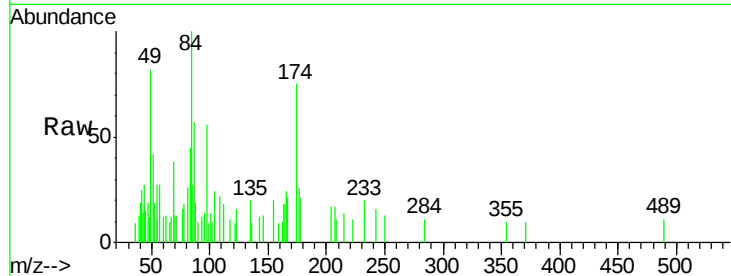




#59
 4-Chlorophenyl-phenylether
 Concen: 0.01 ng/ul
 RT: 15.83 min Scan# 2211
 Delta R.T. 0.01 min
 Lab File: BG023460.D
 Acq: 4 Aug 2016 20:27

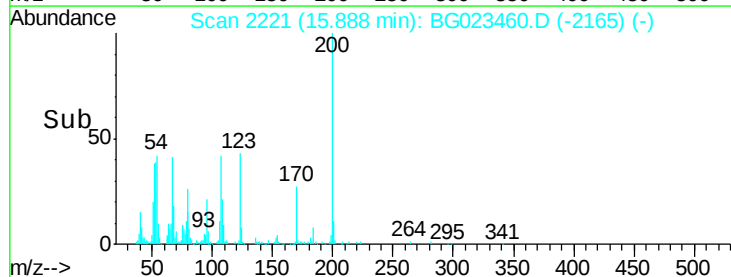
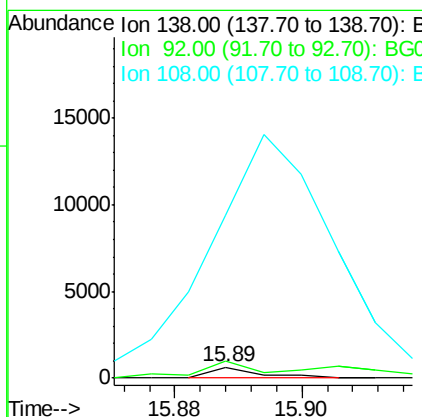
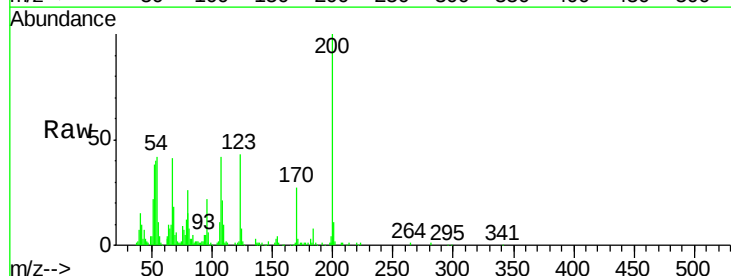
Instrument :
 BNA_G
 ClientSampleId :
 BDJJ4

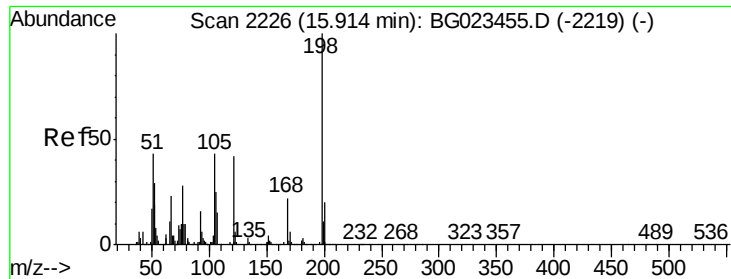
Tot Ion:204 Resp: 165
 Ion Ratio Lower Upper
 204 100
 206 0.0 27.4 41.2#
 141 0.0 47.1 70.7#



#60
 4-Nitroaniline
 Concen: 0.05 ng/ul
 RT: 15.89 min Scan# 2221
 Delta R.T. 0.03 min
 Lab File: BG023460.D
 Acq: 4 Aug 2016 20:27

Tgt Ion:138 Resp: 348
 Ion Ratio Lower Upper
 138 100
 92 155.5 39.0 58.4#
 108 1511.1 49.2 73.8#





#63

4,6-Dinitro-2-methylphenol

Concen: 0.06 ng/ul

RT: 15.90 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG023460.D

Acq: 4 Aug 2016 20:27

Instrument :

BNA_G

ClientSampleId :

BDJJ4

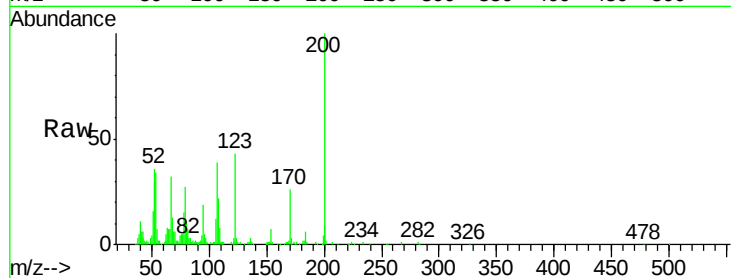
Tot Ion:198 Resp: 359

Ion Ratio Lower Upper

198 100

182 238.7 4.2 6.2#

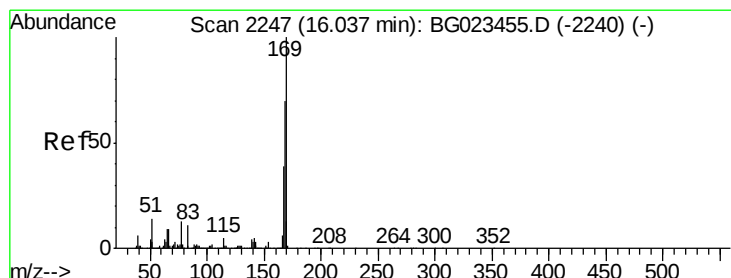
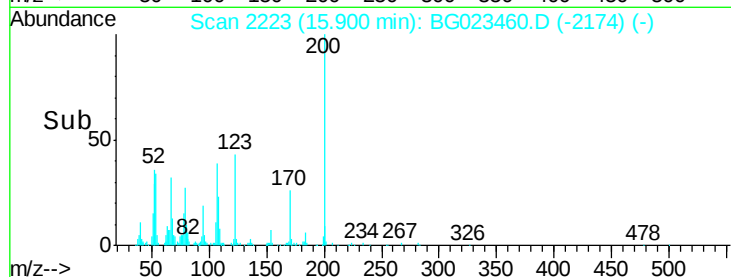
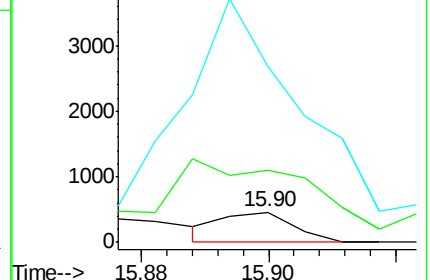
77 585.6 16.7 25.1#



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



#64

N-Nitrosodiphenylamine

Concen: 0.01 ng/ul

RT: 16.03 min Scan# 2246

Delta R.T. -0.00 min

Lab File: BG023460.D

Acq: 4 Aug 2016 20:27

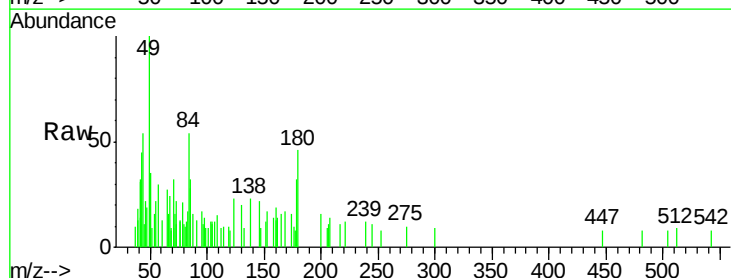
Tgt Ion:169 Resp: 248

Ion Ratio Lower Upper

169 100

168 0.0 59.0 88.6#

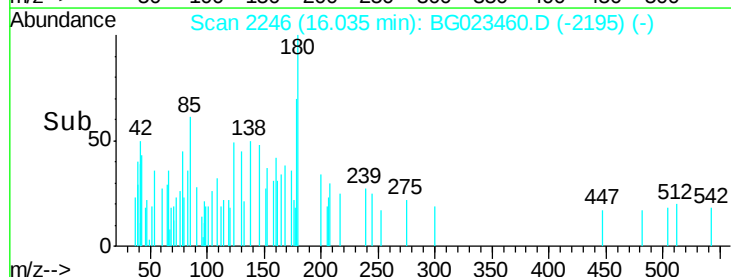
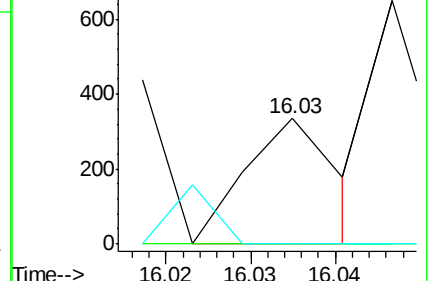
167 0.0 30.6 46.0#

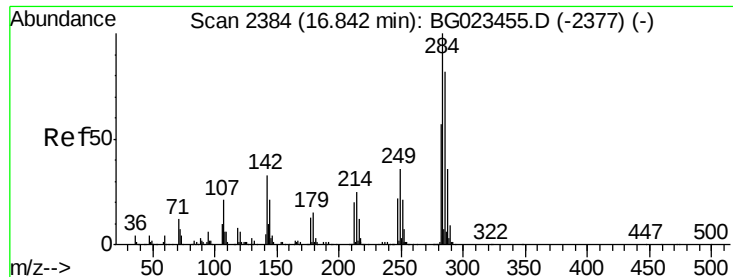


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

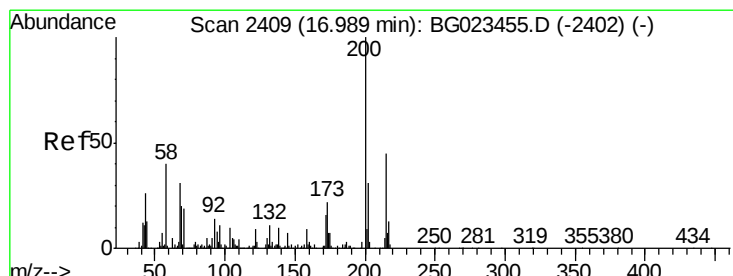
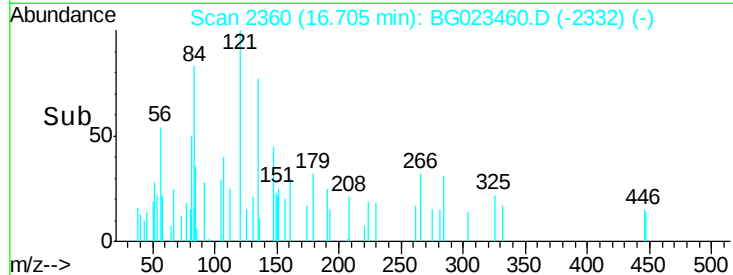
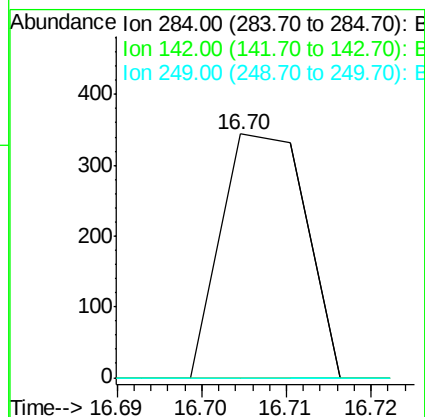
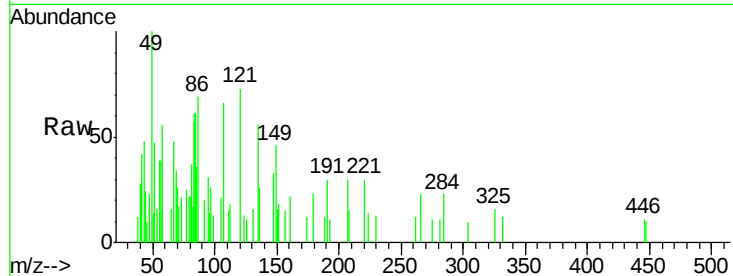




#66
Hexachlorobenzene
Concen: 0.02 ng/ul
RT: 16.70 min Scan# 2360
Delta R.T. -0.14 min
Lab File: BG023460.D
Acq: 4 Aug 2016 20:27

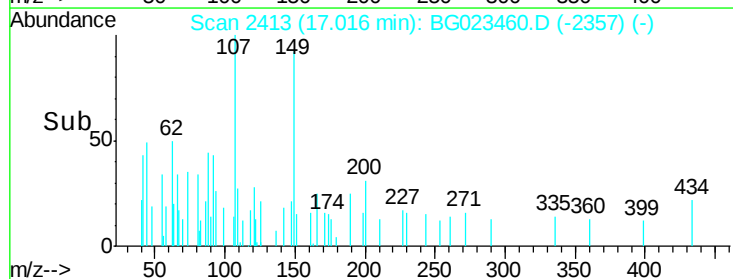
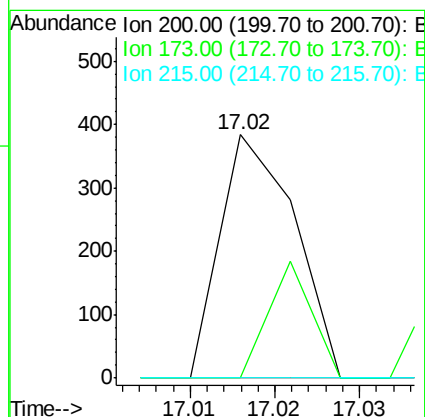
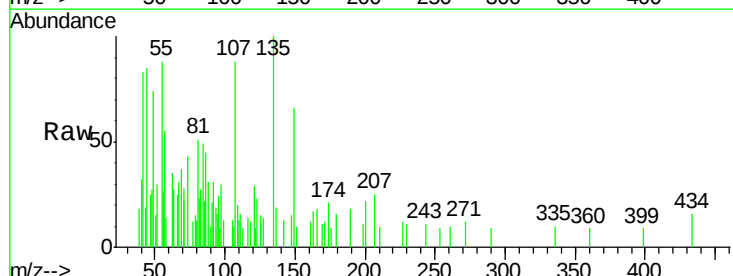
Instrument :
BNA_G
ClientSampleId :
BDJJ4

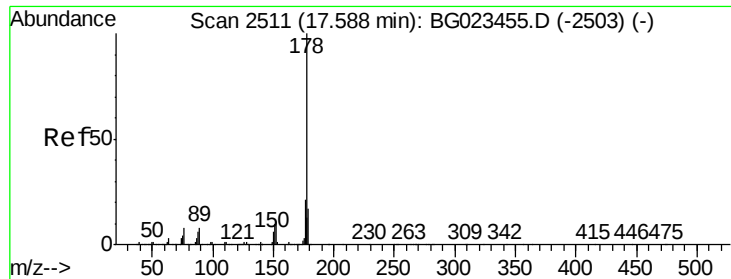
Tot Ion:284	Resp:	238
Ion Ratio	Lower	Upper
284	100	
142	0.0	27.8 41.8#
249	0.0	24.4 36.6#



#67
Atrazine
Concen: 0.02 ng/ul
RT: 17.02 min Scan# 2413
Delta R.T. 0.03 min
Lab File: BG023460.D
Acq: 4 Aug 2016 20:27

Tgt Ion:200	Resp:	234
Ion Ratio	Lower	Upper
200	100	
173	0.0	21.0 31.6#
215	0.0	37.9 56.9#





#69

Phenanthrene

Concen: 0.26 ng/ul

RT: 17.58 min Scan# 2509

Delta R.T. -0.01 min

Lab File: BG023460.D

Acq: 4 Aug 2016 20:27

Instrument :

BNA_G

ClientSampled :

BDJJ4

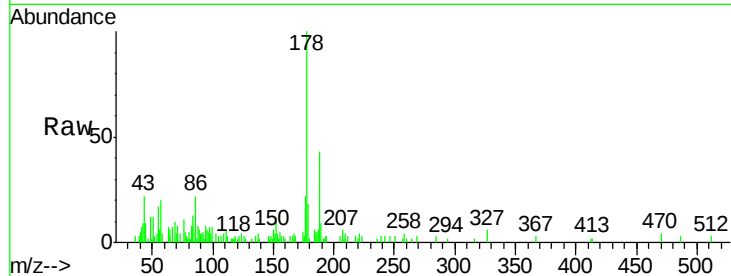
Tot Ion:178 Resp: 13026

Ion Ratio Lower Upper

178 100

179 18.5 12.9 19.3

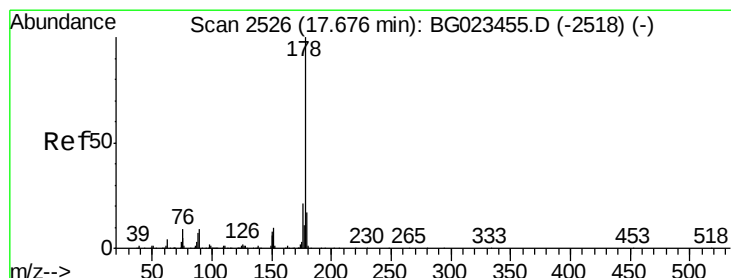
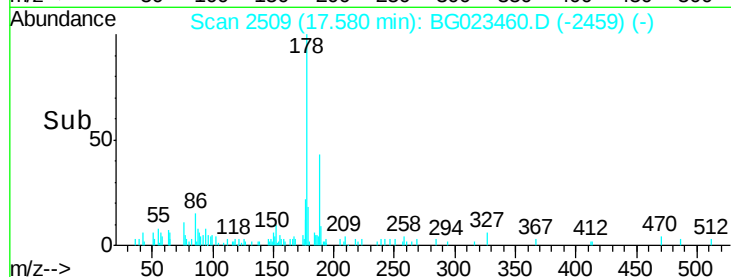
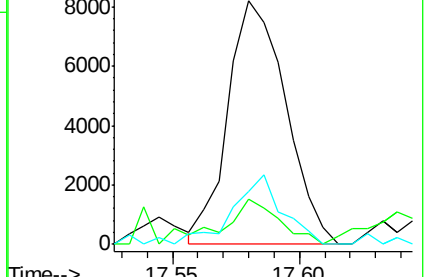
176 21.8 15.8 23.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 0.26 ng/ul

RT: 17.58 min Scan# 2509

Delta R.T. -0.10 min

Lab File: BG023460.D

Acq: 4 Aug 2016 20:27

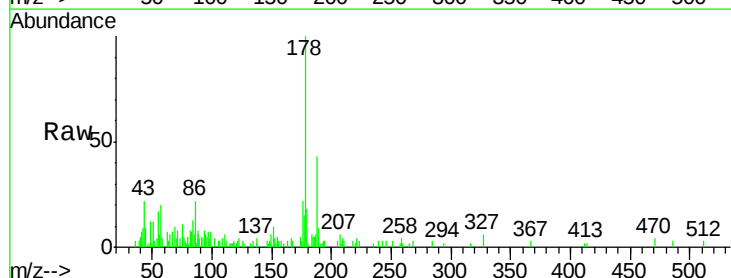
Tgt Ion:178 Resp: 13026

Ion Ratio Lower Upper

178 100

179 18.5 12.3 18.5

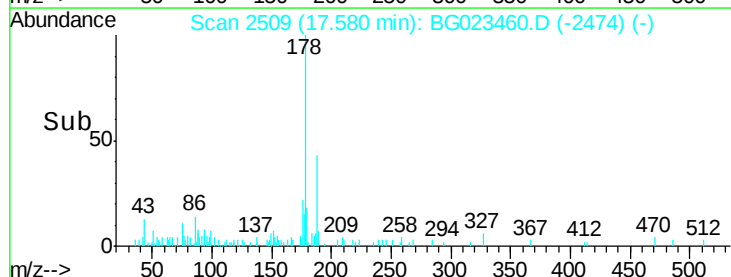
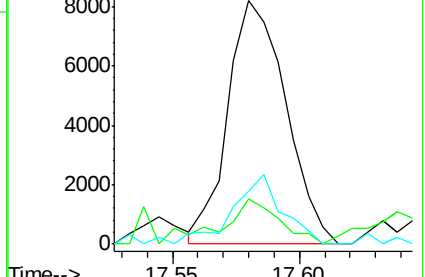
176 21.8 16.3 24.5

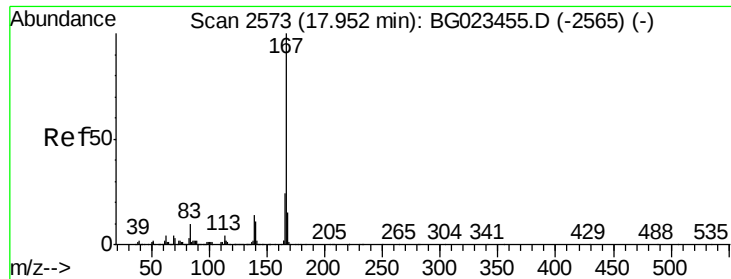


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 0.05 ng/ul

RT: 17.96 min Scan# 2573

Delta R.T. 0.00 min

Lab File: BG023460.D

Acq: 4 Aug 2016 20:27

Instrument :

BNA_G

ClientSampleId :

BDJJ4

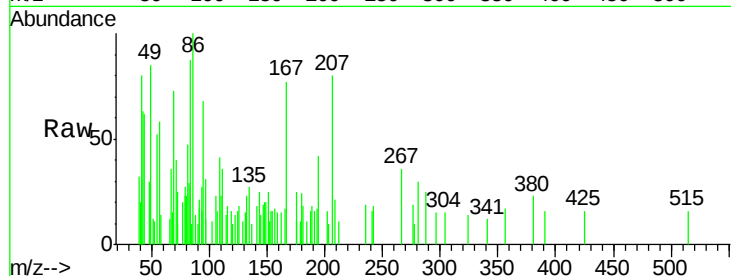
Tot Ion:167 Resp: 1955

Ion Ratio Lower Upper

167 100

166 22.1 19.2 28.8

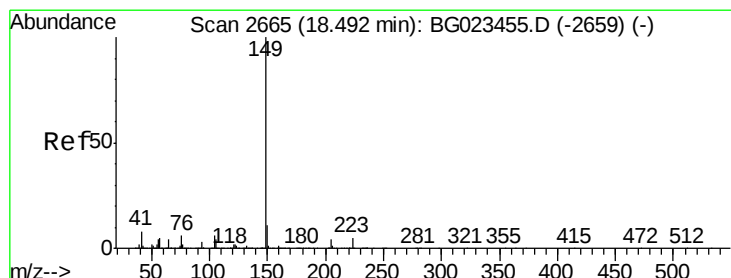
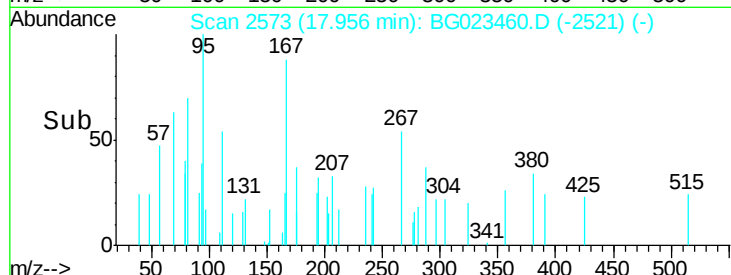
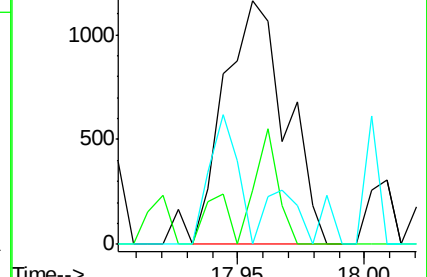
139 0.0 10.2 15.4#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 0.22 ng/ul

RT: 18.49 min Scan# 2664

Delta R.T. -0.00 min

Lab File: BG023460.D

Acq: 4 Aug 2016 20:27

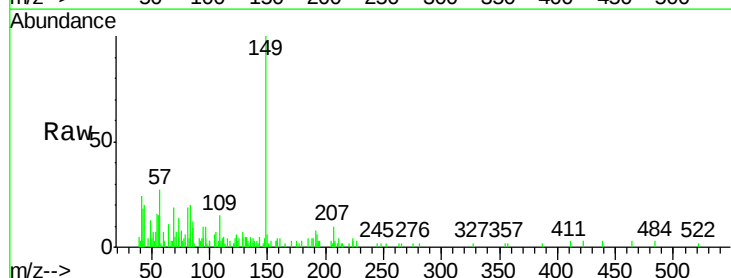
Tgt Ion:149 Resp: 11194

Ion Ratio Lower Upper

149 100

150 5.9 7.1 10.7#

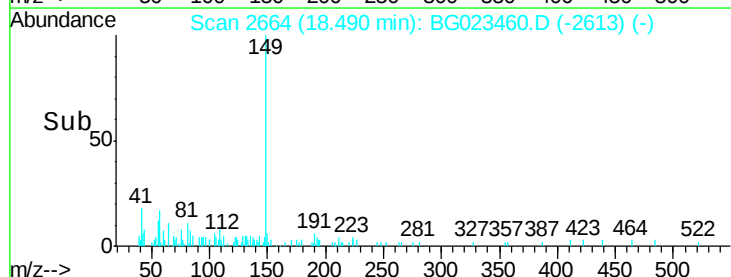
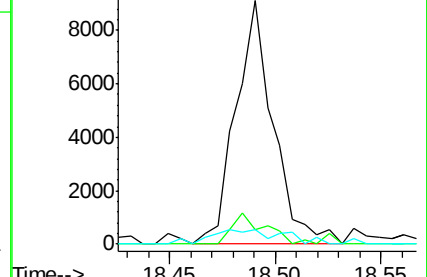
104 6.1 3.3 4.9#

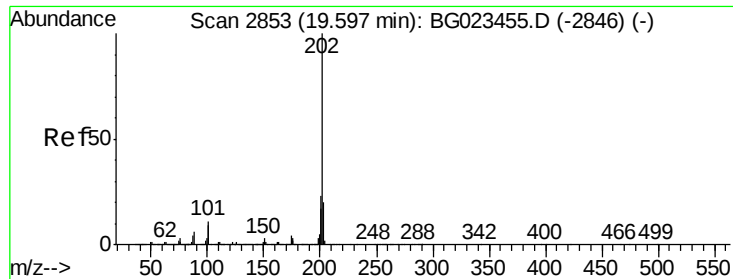


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 0.59 ng/ul

RT: 19.59 min Scan# 2852

Delta R.T. -0.00 min

Lab File: BG023460.D

Acq: 4 Aug 2016 20:27

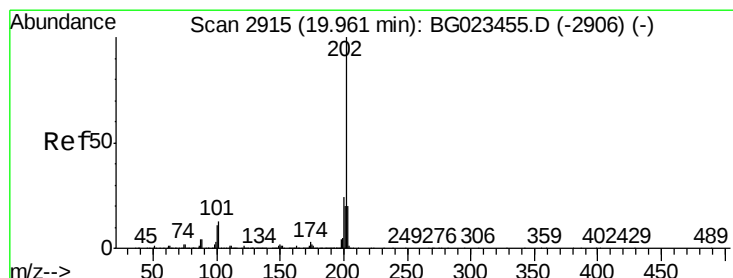
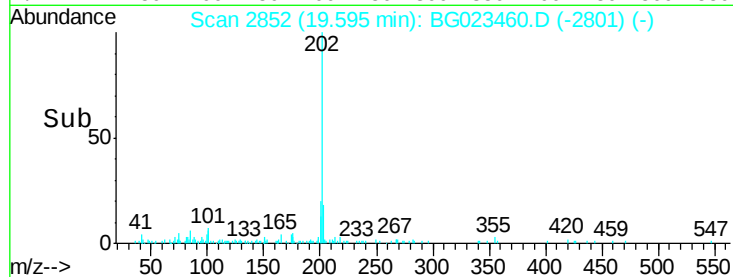
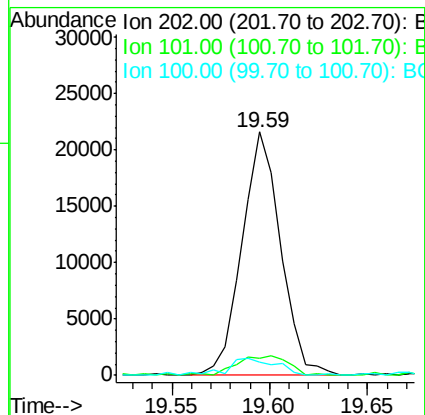
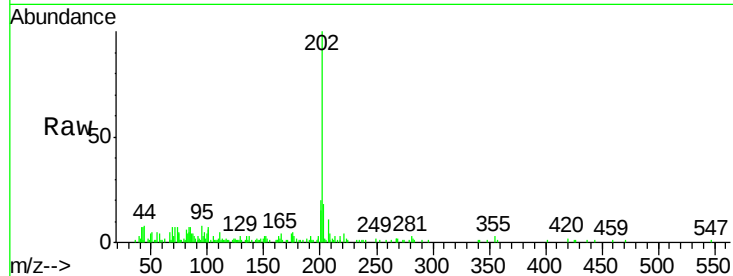
Instrument :

BNA_G

ClientSampleId :

BDJJ4

Tot Ion:	202	Resp:	29706
Ion	Ratio	Lower	Upper
202	100		
101	6.9	10.6	16.0#
100	5.7	8.7	13.1#



#77

Pyrene

Concen: 0.49 ng/ul

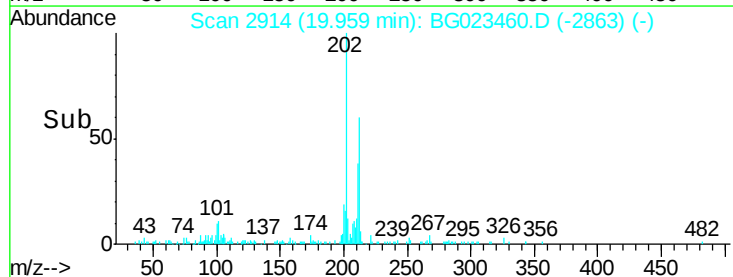
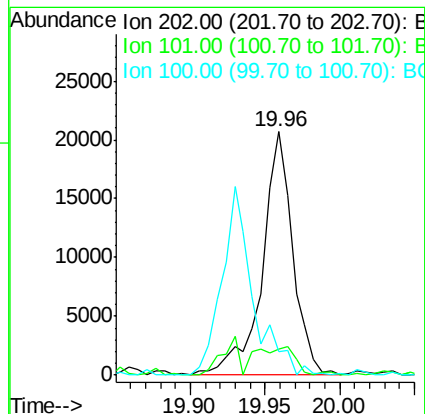
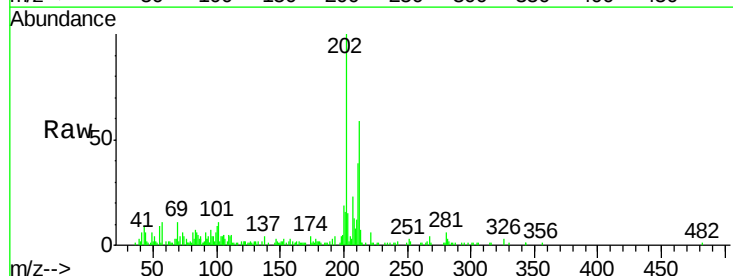
RT: 19.96 min Scan# 2914

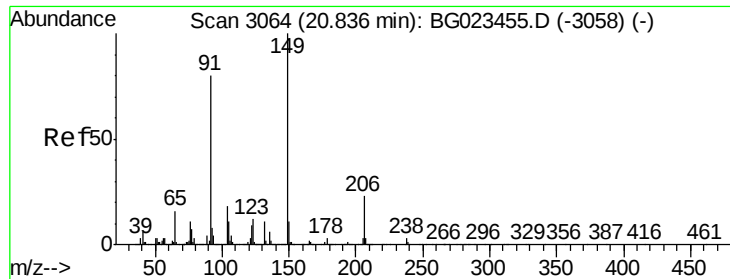
Delta R.T. -0.00 min

Lab File: BG023460.D

Acq: 4 Aug 2016 20:27

Tgt Ion:	202	Resp:	29368
Ion	Ratio	Lower	Upper
202	100		
101	10.9	12.5	18.7#
100	9.5	10.2	15.4#

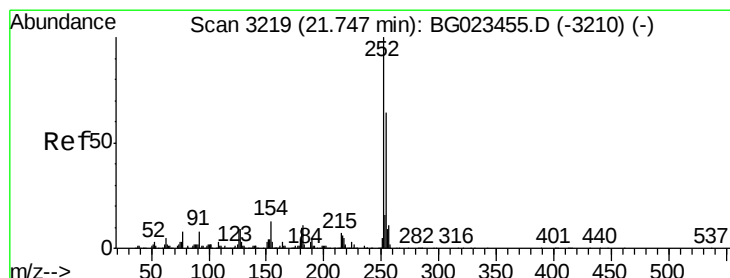
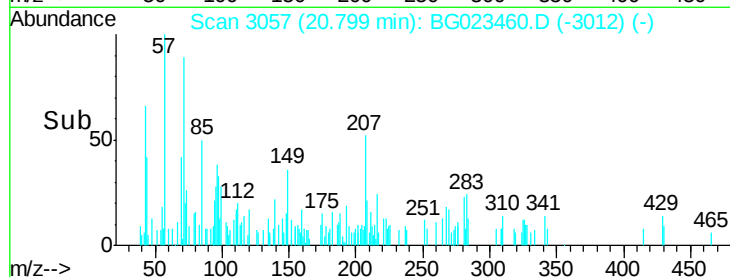
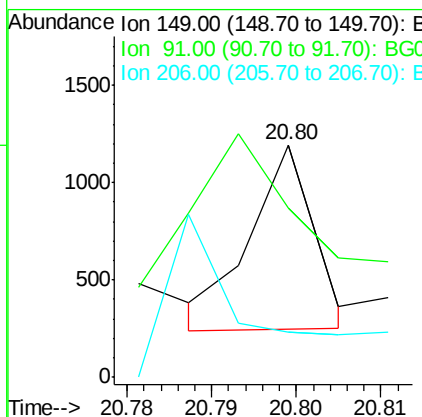
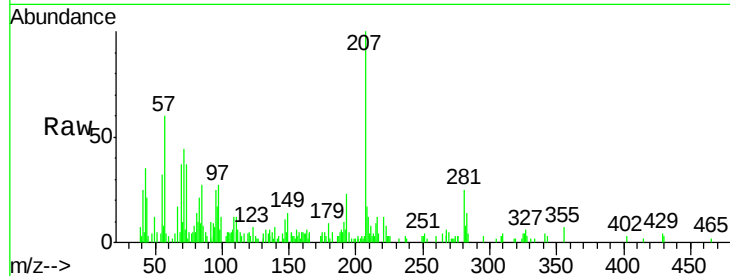




#78
 Butylbenzylphthalate
 Concen: 0.02 ng/ul
 RT: 20.80 min Scan# 3057
 Delta R.T. -0.04 min
 Lab File: BG023460.D
 Acq: 4 Aug 2016 20:27

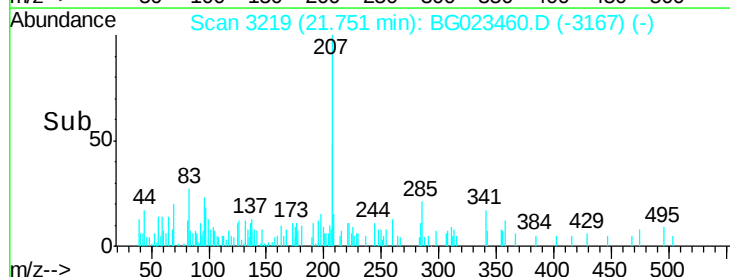
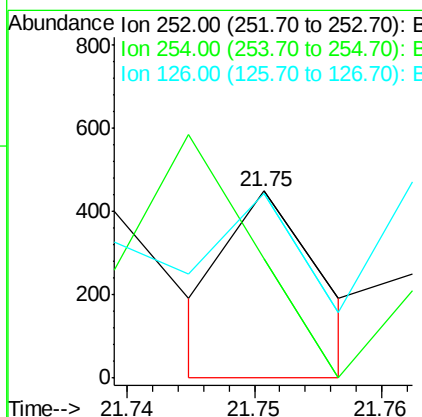
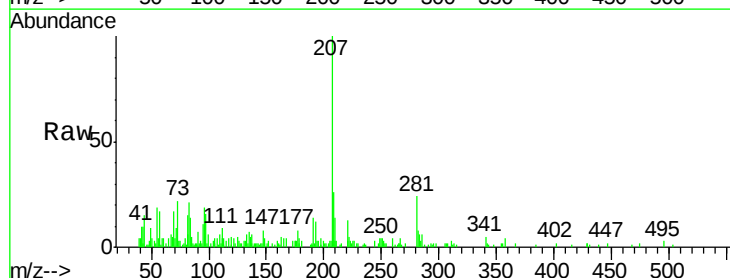
Instrument :
 BNA_G
 ClientSampleId :
 BDJJ4

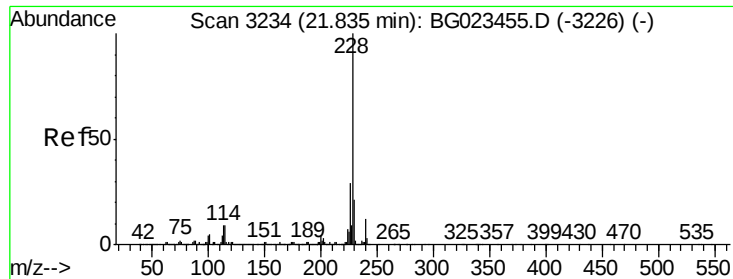
Tot Ion:	149	Resp:	490
Ion	Ratio	Lower	Upper
149	100		
91	73.0	54.2	81.4
206	19.3	14.1	21.1



#79
 3,3'-Dichlorobenzidine
 Concen: 0.01 ng/ul
 RT: 21.75 min Scan# 3219
 Delta R.T. 0.00 min
 Lab File: BG023460.D
 Acq: 4 Aug 2016 20:27

Tgt Ion:	252	Resp:	226
Ion	Ratio	Lower	Upper
252	100		
254	63.5	51.4	77.2
126	98.4	10.7	16.1#





#80

Benzo(a)anthracene

Concen: 0.06 ng/ul

RT: 21.87 min Scan# 3239

Delta R.T. 0.03 min

Lab File: BG023460.D

Acq: 4 Aug 2016 20:27

Instrument :

BNA_G

ClientSampleId :

BDJJ4

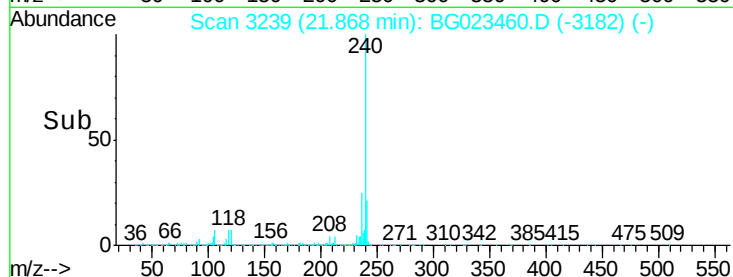
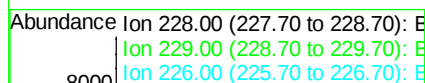
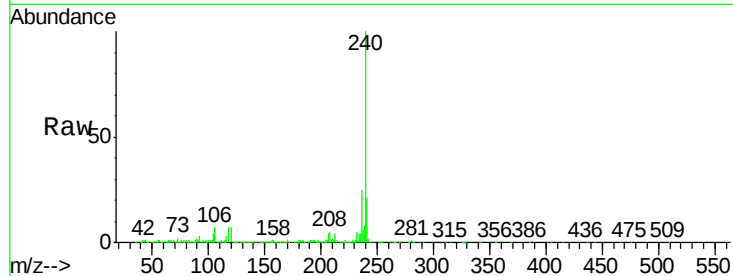
Tot Ion:228 Resp: 3155

Ion Ratio Lower Upper

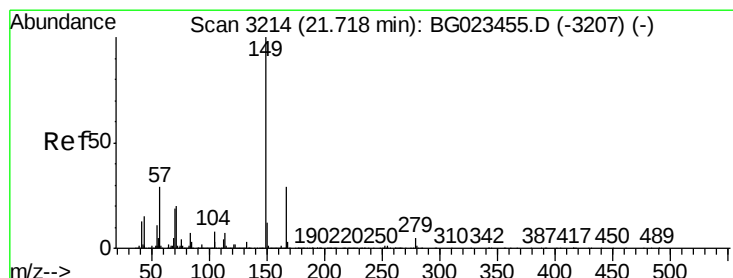
228 100

229 19.5 15.4 23.2

226 23.1 22.8 34.2



Time-->



#81

Bis(2-ethylhexyl)phthalate

Concen: 1.64 ng/ul

RT: 21.72 min Scan# 3213

Delta R.T. -0.00 min

Lab File: BG023460.D

Acq: 4 Aug 2016 20:27

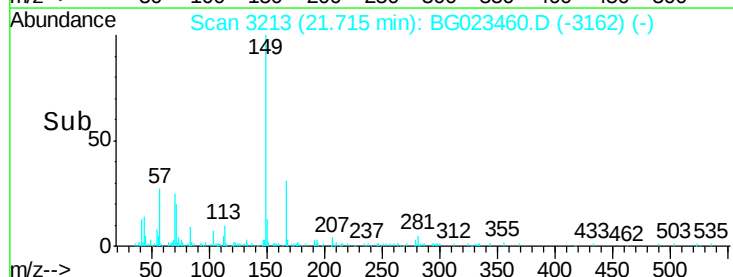
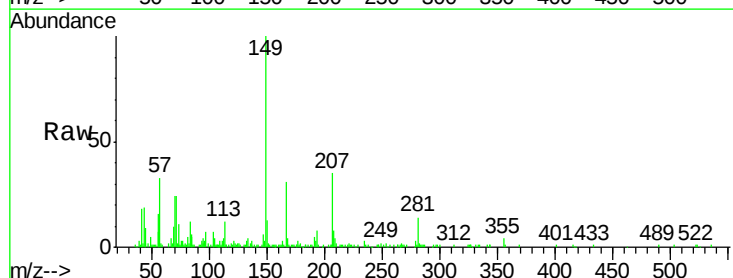
Tgt Ion:149 Resp: 50115

Ion Ratio Lower Upper

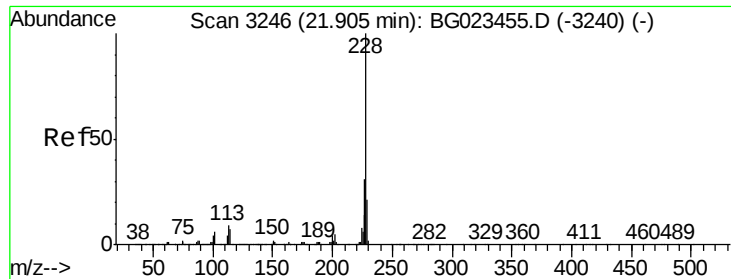
149 100

167 30.7 21.9 32.9

279 3.4 2.9 4.3



Time-->



#82

Chrysene

Concen: 0.26 ng/ul

RT: 21.90 min Scan# 3245

Delta R.T. -0.00 min

Lab File: BG023460.D

Acq: 4 Aug 2016 20:27

Instrument :

BNA_G

ClientSampleId :

BDJJ4

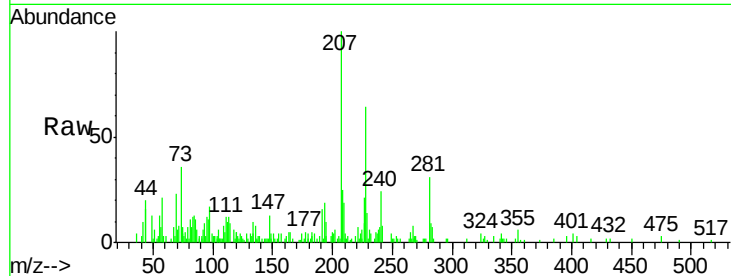
Tot Ion:228 Resp: 12768

Ion Ratio Lower Upper

228 100

226 33.1 24.2 36.4

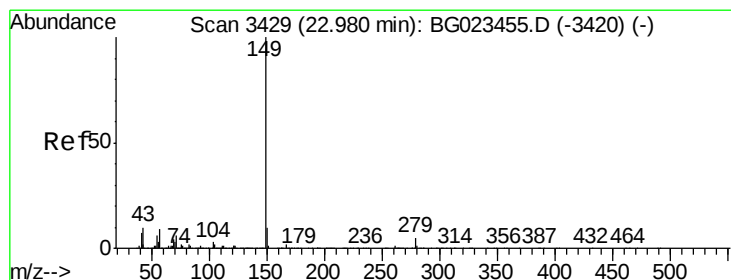
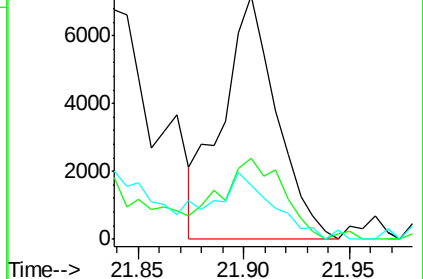
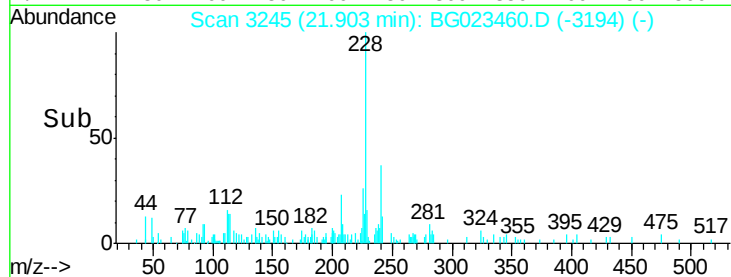
229 22.4 15.0 22.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Di-n-octyl phthalate

Concen: 0.03 ng/ul

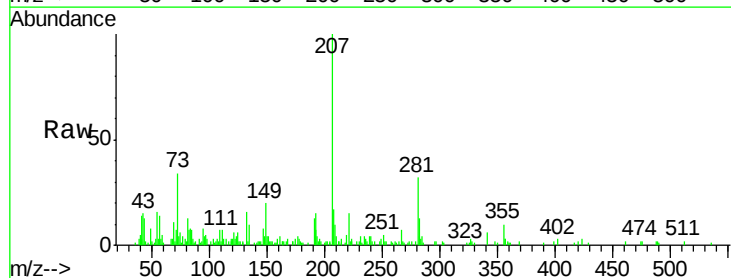
RT: 22.98 min Scan# 3428

Delta R.T. -0.00 min

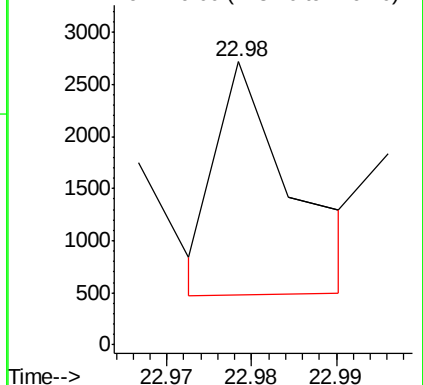
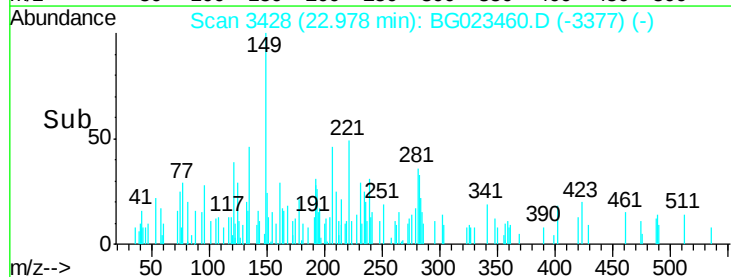
Lab File: BG023460.D

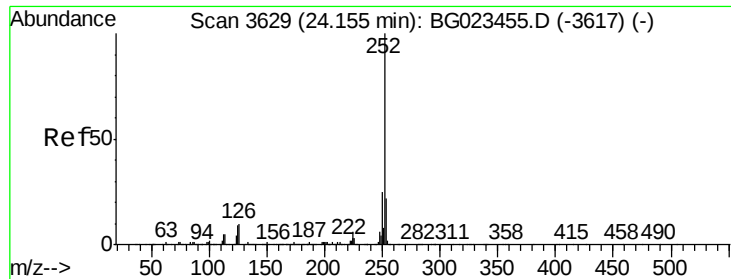
Acq: 4 Aug 2016 20:27

Tgt Ion:149 Resp: 1401



Abundance Ion 149.00 (148.70 to 149.70): E





#85

Benzo(b)fluoranthene

Concen: 0.16 ng/ul

RT: 24.15 min Scan# 3627

Delta R.T. -0.01 min

Lab File: BG023460.D

Acq: 4 Aug 2016 20:27

Instrument :

BNA_G

ClientSampleId :

BDJJ4

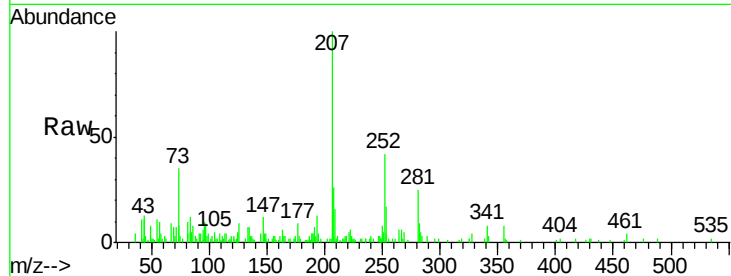
Tot Ion:252 Resp: 8857

Ion Ratio Lower Upper

252 100

253 41.2 18.2 27.2#

125 11.2 10.8 16.2

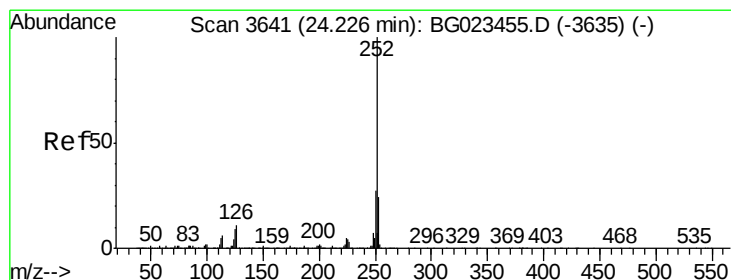
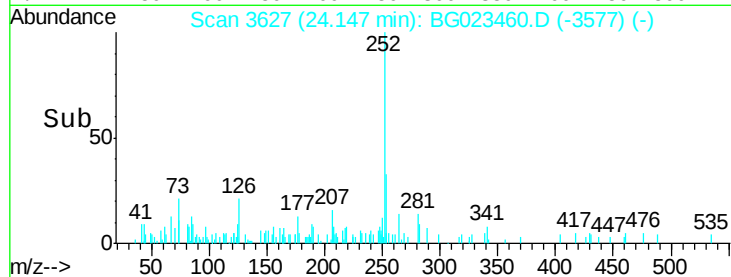
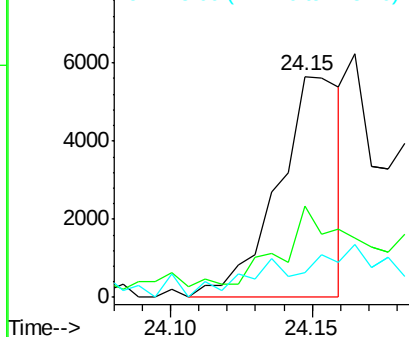


Abundance

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



#86

Benzo(k)fluoranthene

Concen: 0.05 ng/ul

RT: 24.22 min Scan# 3639

Delta R.T. -0.01 min

Lab File: BG023460.D

Acq: 4 Aug 2016 20:27

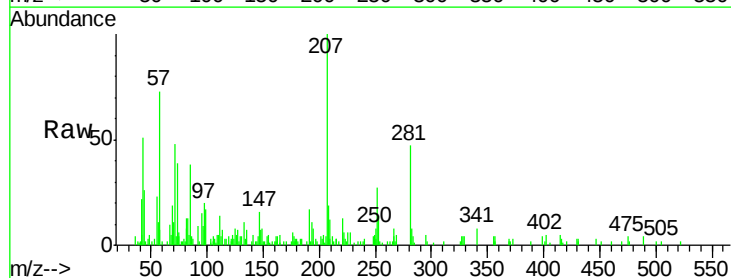
Tgt Ion:252 Resp: 2718

Ion Ratio Lower Upper

252 100

253 53.2 15.8 23.6#

125 29.5 10.6 16.0#

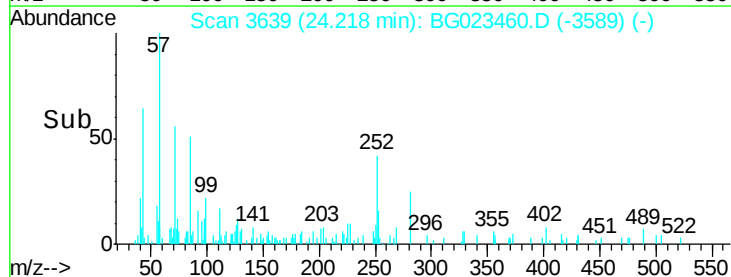
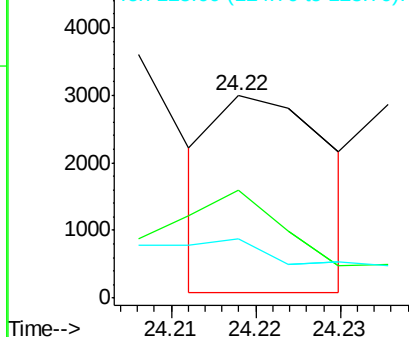


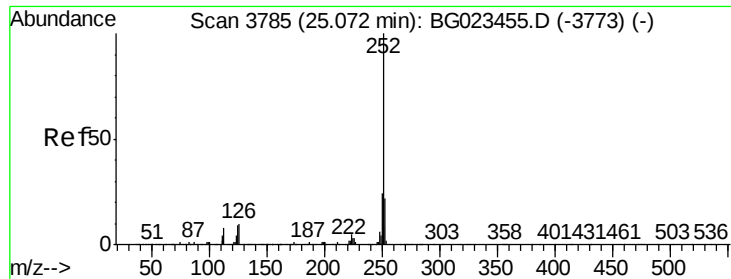
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 0.13 ng/ul

RT: 25.06 min Scan# 3783

Delta R.T. -0.01 min

Lab File: BG023460.D

Acq: 4 Aug 2016 20:27

Instrument :

BNA_G

ClientSampleId :

BDJJ4

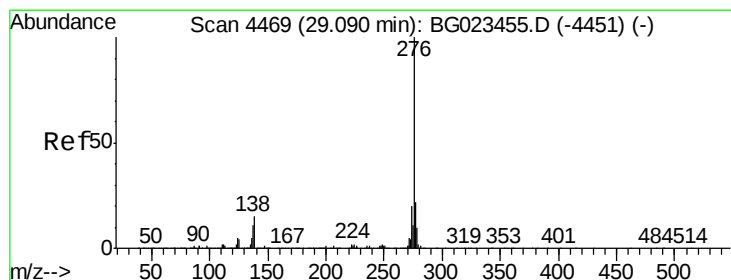
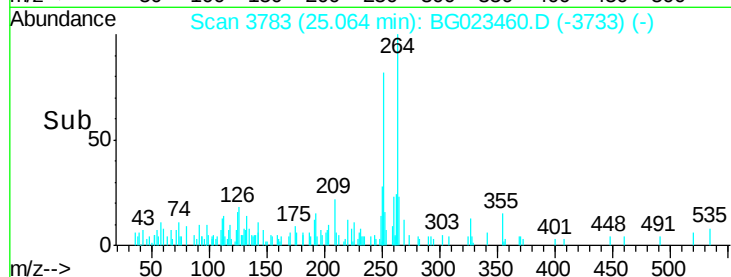
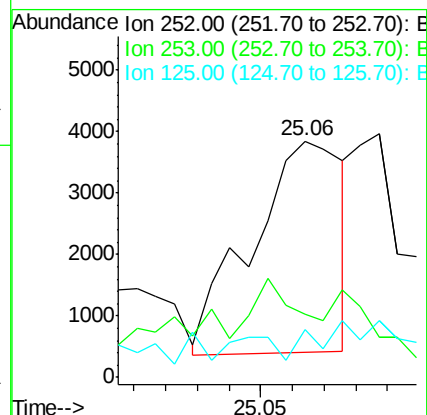
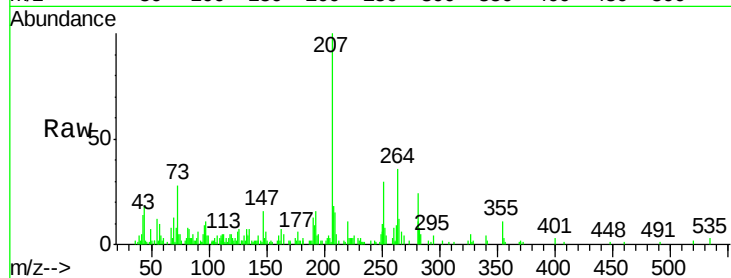
Tot Ion:252 Resp: 6862

Ion Ratio Lower Upper

252 100

253 26.7 19.0 28.4

125 20.0 12.0 18.0#



#89

Indeno(1,2,3-cd)pyrene

Concen: 0.04 ng/ul

RT: 29.08 min Scan# 4467

Delta R.T. -0.01 min

Lab File: BG023460.D

Acq: 4 Aug 2016 20:27

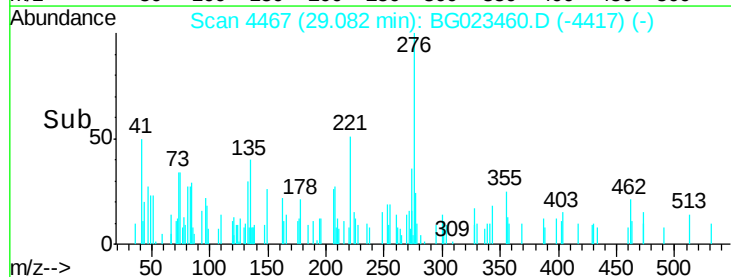
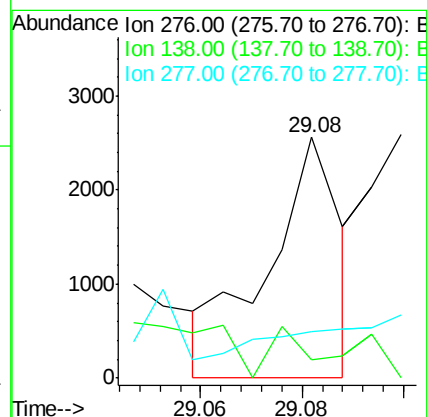
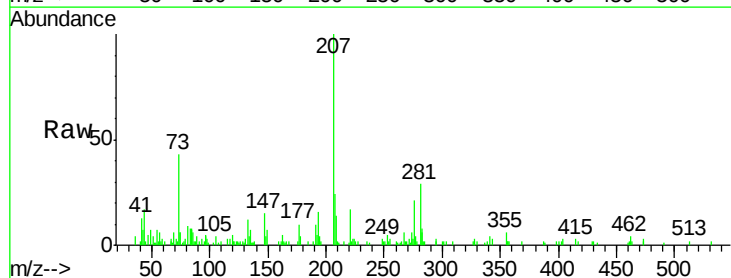
Tgt Ion:276 Resp: 2550

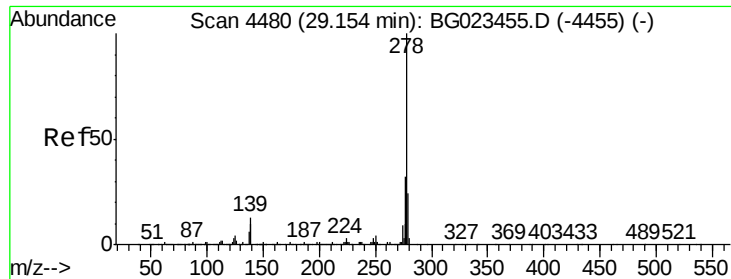
Ion Ratio Lower Upper

276 100

138 7.7 20.8 31.2#

277 19.6 17.6 26.4





#90

Dibenzo(a,h)anthracene

Concen: 0.02 ng/ul

RT: 29.14 min Scan# 4477

Delta R.T. -0.01 min

Lab File: BG023460.D

Acq: 4 Aug 2016 20:27

Instrument :

BNA_G

ClientSampleId :

BDJJ4

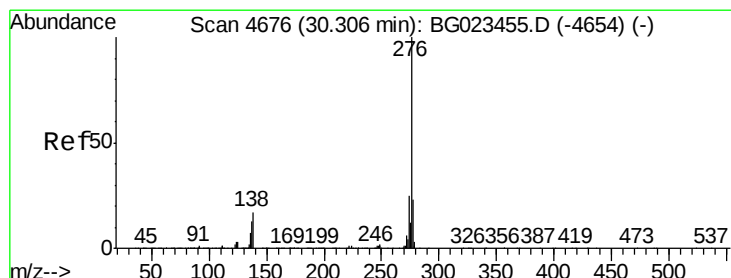
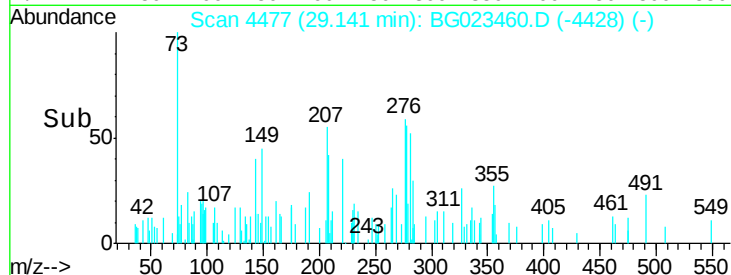
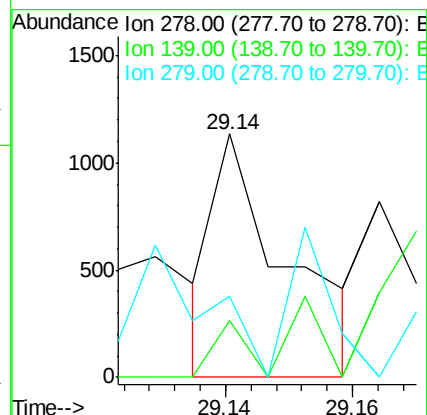
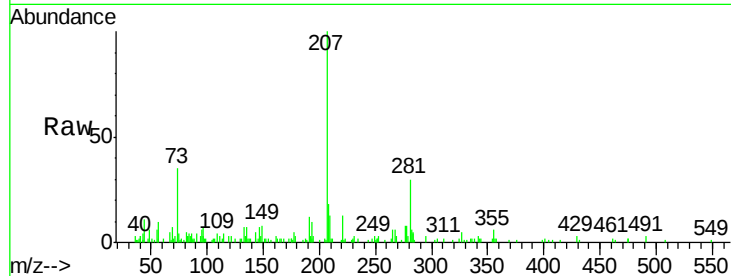
Tot Ion:278 Resp: 909

Ion Ratio Lower Upper

278 100

139 23.2 16.3 24.5

279 33.5 19.1 28.7#



#91

Benzo(g,h,i)perylene

Concen: 0.02 ng/ul

RT: 30.34 min Scan# 4681

Delta R.T. 0.03 min

Lab File: BG023460.D

Acq: 4 Aug 2016 20:27

Tgt Ion:276 Resp: 1068

Ion Ratio Lower Upper

276 100

138 32.9 22.1 33.1

277 19.9 17.0 25.4

