

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080416\
 Data File : BG023459.D
 Acq On : 4 Aug 2016 19:47
 Operator : UM/SJ
 Sample : H4208-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDJJ3

Quant Time: Aug 05 02:33:04 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	8.11	152	100245	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	482482	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	383538	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.54	188	1062431	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	1075725	20.00	ng/ul	0.00
83) Perylene-d12	25.23	264	1053662	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	3923	1.66	ng/uL	0.00
5) Phenol-d5	7.27	99	178375	17.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	121660	18.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	123347	17.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	133849	16.98	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	791	0.21	ng/ul	0.05
22) 2-Nitrophenol-d4	10.02	143	77492	17.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.58	165	146631	17.80	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	175517	18.16	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	607560	19.35	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	657431	18.60	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	63816	11.90	ng/ul	0.00
57) Fluorene-d10	15.77	176	557630	19.22	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	79466	11.66	ng/ul	0.00
70) Anthracene-d10	17.71	188	2588	0.05	ng/ul	0.07
76) Pyrene-d10	19.93	212	1070671	19.66	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	1140	0.02	ng/ul	0.08

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.51	88	529	0.21 ng/uL#	38
4) Benzaldehyde	7.25	77	59	0.01 ng/ul#	36
6) Phenol	7.31	94	4579	0.44 ng/ul#	89
8) Bis(2-Chloroethyl)ether	7.53	93	705	0.09 ng/ul#	47
10) 2-Chlorophenol	7.41	128	65	0.01 ng/ul#	36
12) 2,2'-oxybis(1-Chloropropan	8.58	45	146	0.01 ng/ul#	64
14) Acetophenone	8.95	105	2852	0.23 ng/ul#	1
15) N-Nitroso-di-n-propylamine	8.88	70	219	0.03 ng/ul#	76
16) 4-Methylphenol	8.90	108	217	0.02 ng/ul#	1
17) Hexachloroethane	9.45	117	85	0.03 ng/ul#	10
20) Nitrobenzene	9.31	77	111	0.01 ng/ul#	14
21) Isophorone	9.89	82	94	0.00 ng/ul#	64
23) 2-Nitrophenol	10.19	139	120	0.03 ng/ul#	42
24) 2,4-Dimethylphenol	10.12	107	135	0.01 ng/ul#	67
25) Bis(2-Chloroethoxy)methane	10.16	93	111	0.01 ng/ul#	49
27) 2,4-Dichlorophenol	10.58	162	178	0.02 ng/ul#	1
28) Naphthalene	11.00	128	964	0.04 ng/ul#	67
30) 4-Chloroaniline	11.11	127	249	0.03 ng/ul#	32
33) 4-Chloro-3-methylphenol	12.18	107	68	0.01 ng/ul#	15
34) 2-Methylnaphthalene	12.48	142	117	0.01 ng/ul#	3
40) 1,1'-Biphenyl	13.69	154	140	0.00 ng/ul#	41
42) 2-Nitroaniline	13.84	65	385	0.04 ng/ul#	1
44) Dimethylphthalate	14.22	163	438657	14.11 ng/ul	99

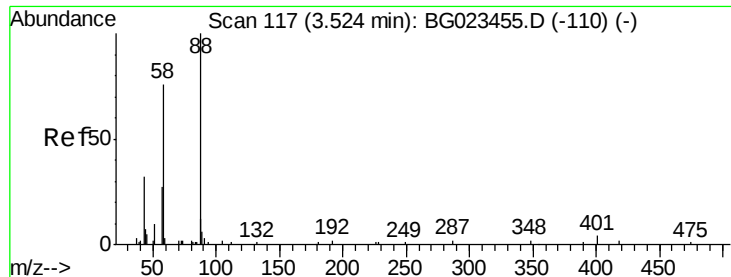
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 2,6-Dinitrotoluene	14.32	165	113	0.02	ng/ul#	34
47) Acenaphthylene	14.50	152	192	0.01	ng/ul#	59
48) 3-Nitroaniline	14.43	138	221	0.03	ng/ul#	6
49) Acenaphthene	14.86	153	73	0.00	ng/ul#	69
50) 2,4-Dinitrophenol	15.13	184	82	0.02	ng/ul#	23
52) 4-Nitrophenol	15.00	109	74	0.01	ng/ul#	1
53) Dibenzofuran	15.19	168	529	0.01	ng/ul#	80
54) 2,4-Dinitrotoluene	15.13	165	59	0.01	ng/ul#	46
55) 2,3,4,6-Tetrachlorophenol	15.38	232	177	0.02	ng/ul#	39
56) Diethylphthalate	15.59	149	2372	0.07	ng/ul#	59
58) Fluorene	15.83	166	332	0.01	ng/ul#	94
60) 4-Nitroaniline	15.82	138	75	0.01	ng/ul#	15
63) 4,6-Dinitro-2-methylphenol	15.90	198	520	0.07	ng/ul#	1
64) N-Nitrosodiphenylamine	15.99	169	121	0.00	ng/ul#	53
67) Atrazine	17.04	200	81	0.01	ng/ul#	36
68) Pentachlorophenol	17.21	266	64	0.01	ng/ul#	7
69) Phenanthrene	17.58	178	2172	0.04	ng/ul#	84
71) Anthracene	17.68	178	545	0.01	ng/ul#	1
72) Carbazole	17.96	167	570	0.01	ng/ul#	57
73) Di-n-butylphthalate	18.49	149	8807	0.16	ng/ul#	94
74) Fluoranthene	19.60	202	6276	0.11	ng/ul#	80
77) Pyrene	19.95	202	5025	0.08	ng/ul#	69
78) Butylbenzylphthalate	20.84	149	529	0.02	ng/ul#	91
79) 3,3'-Dichlorobenzidine	21.74	252	213	0.01	ng/ul#	1
80) Benzo(a)anthracene	21.84	228	7178	0.12	ng/ul#	68
81) Bis(2-ethylhexyl)phthalate	21.71	149	13563	0.40	ng/ul	98
82) Chrysene	21.91	228	3428	0.06	ng/ul#	83
84) Di-n-octyl phthalate	22.98	149	1785	0.03	ng/ul	100
85) Benzo(b)fluoranthene	24.15	252	1498	0.02	ng/ul#	86
86) Benzo(k)fluoranthene	24.23	252	1862	0.03	ng/ul#	41
88) Benzo(a)pyrene	25.07	252	2560	0.04	ng/ul#	78
89) Indeno(1,2,3-cd)pyrene	29.10	276	2384	0.04	ng/ul#	66
90) Dibenzo(a,h)anthracene	29.15	278	780	0.01	ng/ul#	68
91) Benzo(g,h,i)perylene	30.31	276	2024	0.04	ng/ul#	86

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



#2

1,4-Dioxane

Concen: 0.21 ng/uL

RT: 3.51 min Scan# 115

Delta R.T. -0.01 min

Lab File: BG023459.D

Acq: 4 Aug 2016 19:47

Instrument :

BNA_G

ClientSampleId :

BDJJ3

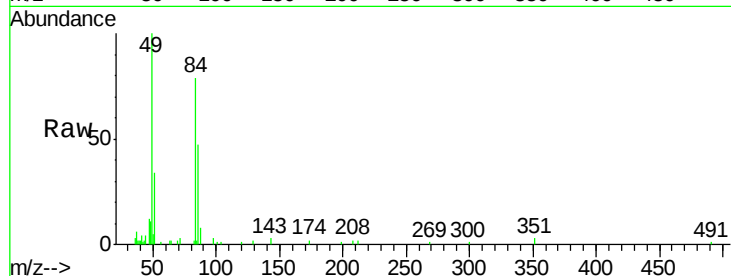
Tot Ion: 88 Resp: 529

Ion Ratio Lower Upper

88 100

43 27.5 16.6 24.8#

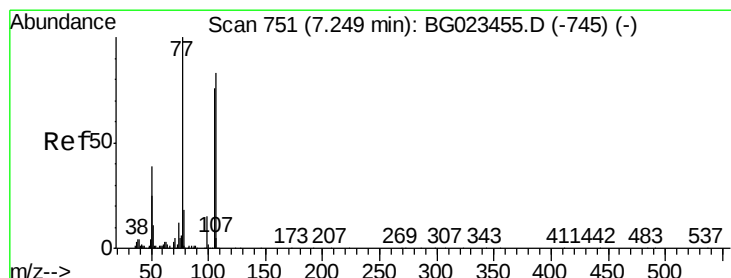
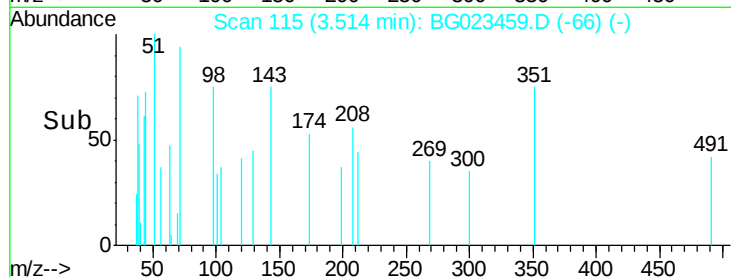
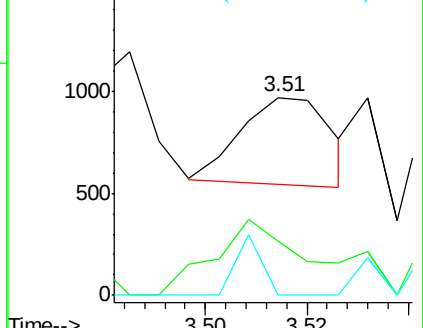
58 0.0 47.2 70.8#



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: 0.01 ng/uL

RT: 7.25 min Scan# 751

Delta R.T. 0.00 min

Lab File: BG023459.D

Acq: 4 Aug 2016 19:47

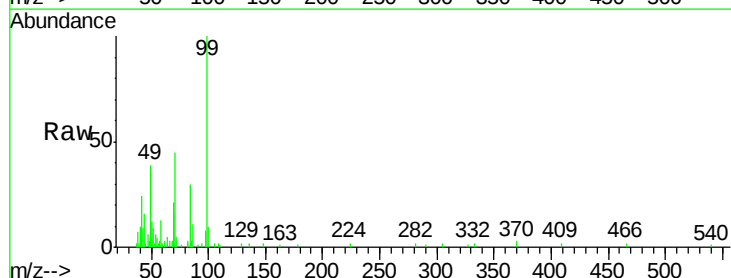
Tgt Ion: 77 Resp: 59

Ion Ratio Lower Upper

77 100

105 137.1 83.8 125.8#

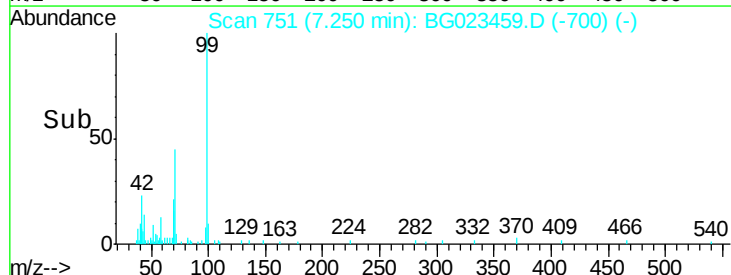
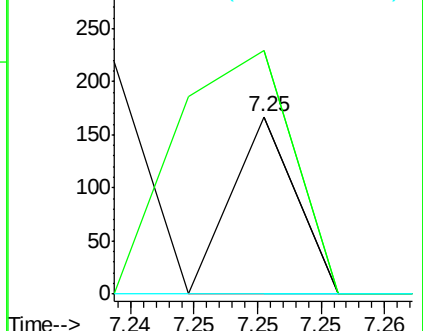
106 0.0 77.9 116.9#

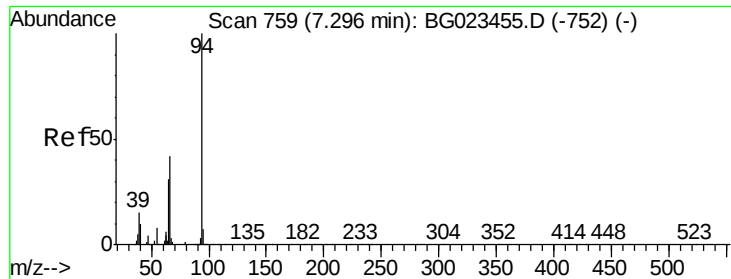


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC





#6

Phenol

Concen: 0.44 ng/ul

RT: 7.31 min Scan# 761

Delta R.T. 0.01 min

Lab File: BG023459.D

Acq: 4 Aug 2016 19:47

Instrument :

BNA_G

ClientSampleId :

BDJJ3

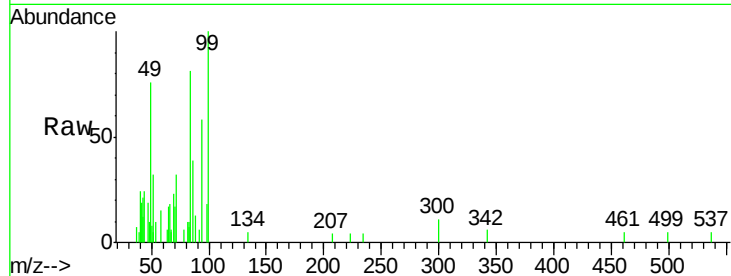
Tot Ion: 94 Resp: 4579

Ion Ratio Lower Upper

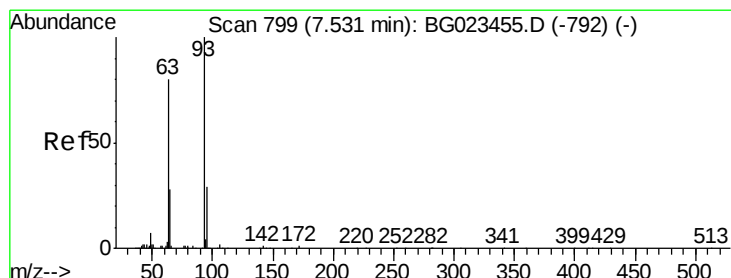
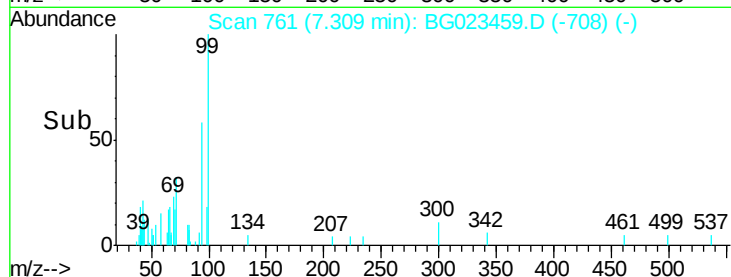
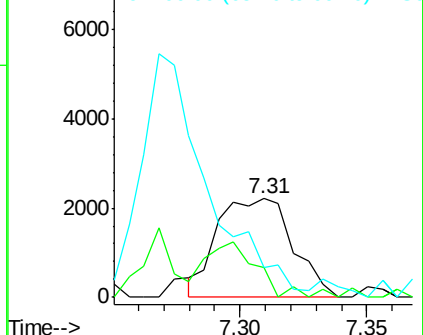
94 100

65 30.1 16.8 25.2#

66 30.5 22.6 33.8



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: 0.09 ng/ul

RT: 7.53 min Scan# 799

Delta R.T. 0.00 min

Lab File: BG023459.D

Acq: 4 Aug 2016 19:47

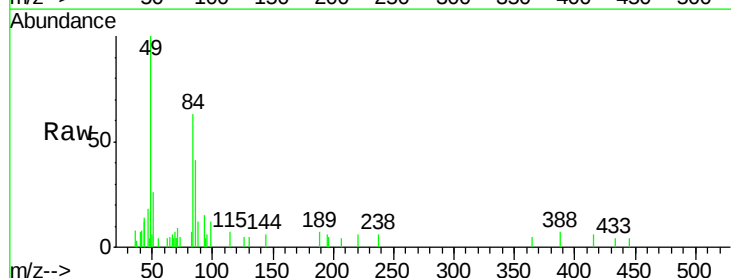
Tgt Ion: 93 Resp: 705

Ion Ratio Lower Upper

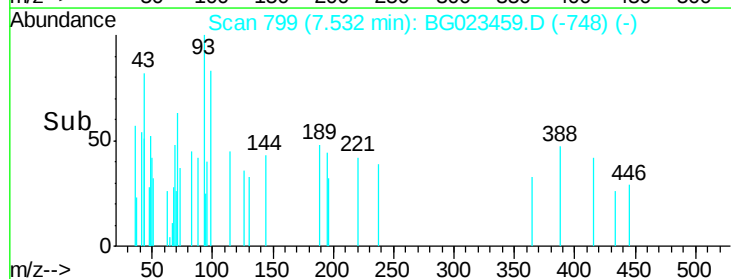
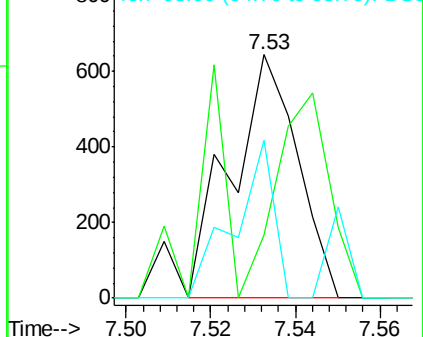
93 100

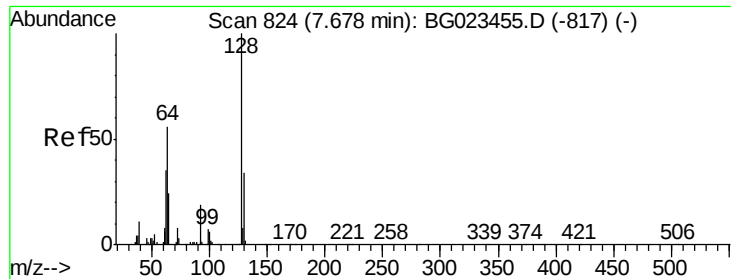
63 25.8 56.0 84.0#

95 64.8 27.7 41.5#



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

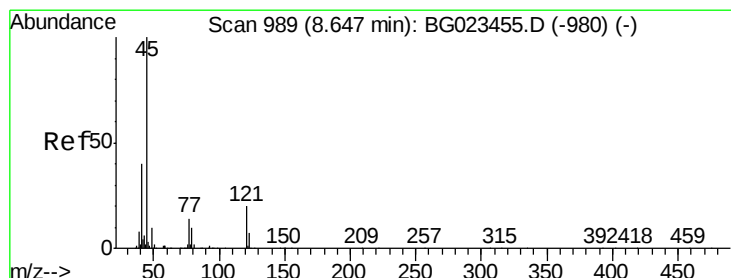
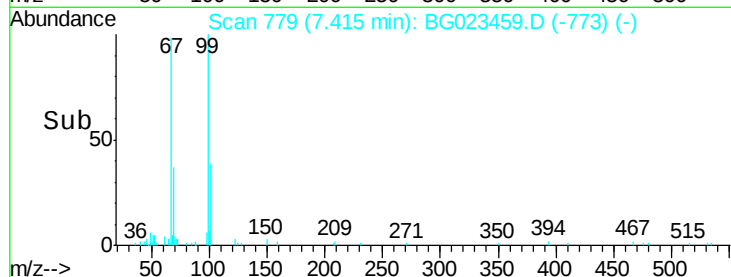
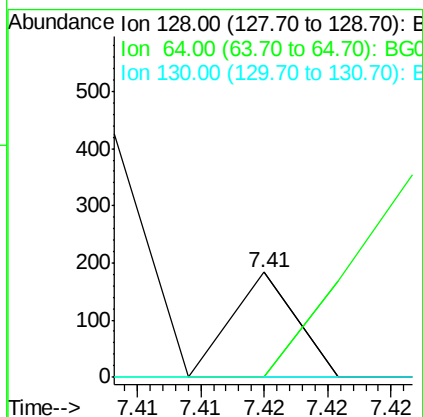
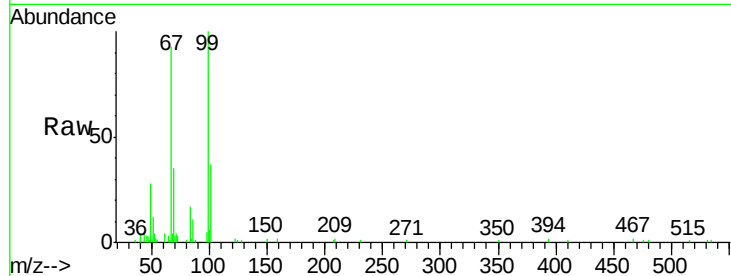




#10
2-Chlorophenol
Concen: 0.01 ng/ul
RT: 7.41 min Scan# 779
Delta R.T. -0.26 min
Lab File: BG023459.D
Acq: 4 Aug 2016 19:47

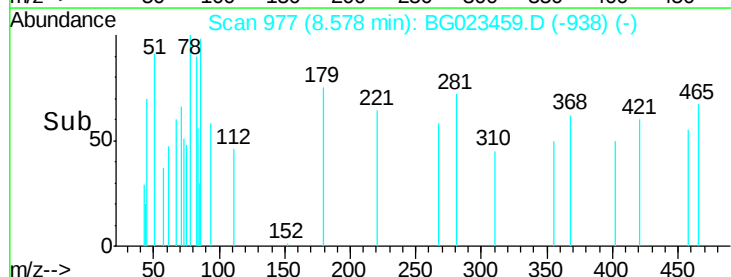
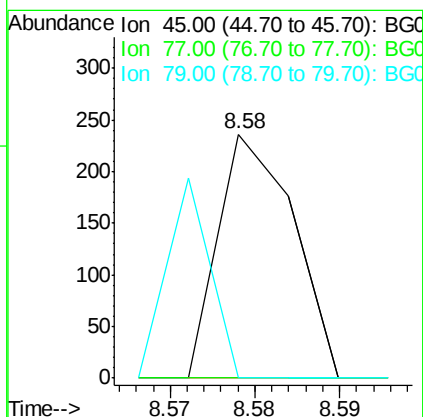
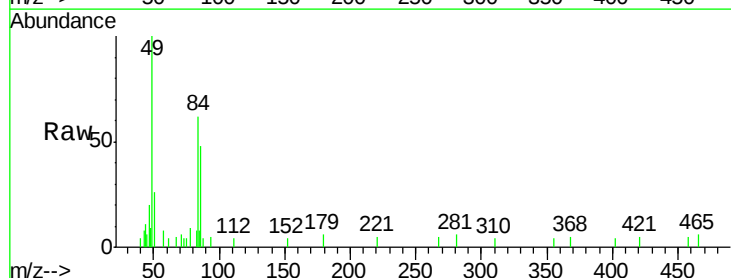
Instrument :
BNA_G
ClientSampled :
BDJJ3

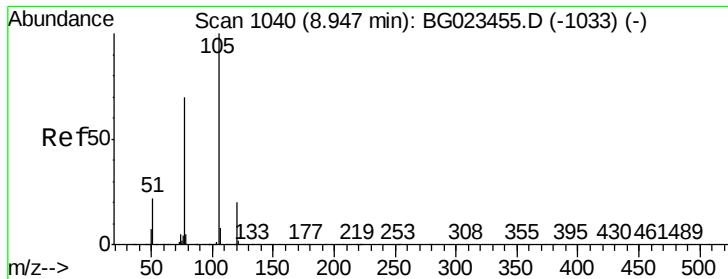
Tot Ion	Ratio	Lower	Upper
128	100		
64	0.0	34.2	51.4#
130	0.0	27.0	40.4#



#12
2,2'-oxybis(1-chloropropane)
Concen: 0.01 ng/ul
RT: 8.58 min Scan# 977
Delta R.T. -0.07 min
Lab File: BG023459.D
Acq: 4 Aug 2016 19:47

Tgt Ion	Ratio	Lower	Upper
45	100		
77	0.0	13.4	20.2#
79	0.0	10.2	15.4#





#14

Acetophenone

Concen: 0.23 ng/ul

RT: 8.95 min Scan# 1041

Delta R.T. 0.01 min

Lab File: BG023459.D

Acq: 4 Aug 2016 19:47

Instrument :

BNA_G

ClientSampleId :

BDJJ3

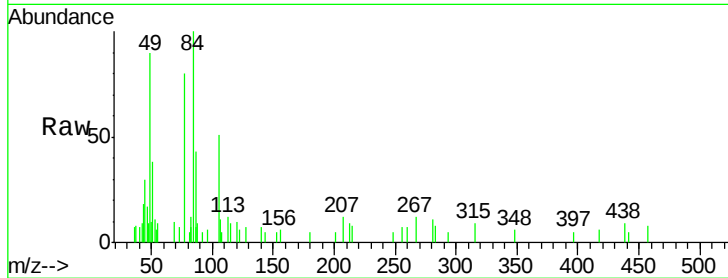
Tot Ion:105 Resp: 2852

Ion Ratio Lower Upper

105 100

77 157.6 56.1 84.1#

51 74.1 14.6 22.0#

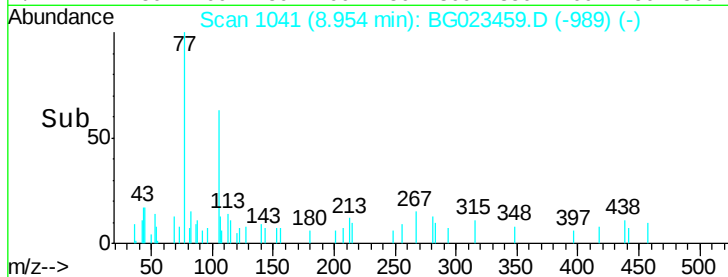


Abundance Ion 105.00 (104.70 to 105.70): E

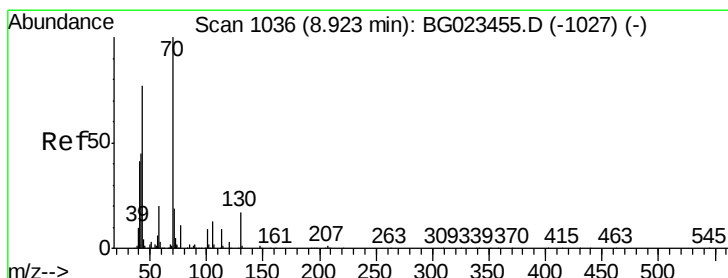
Ion 77.00 (76.70 to 77.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Time-->



Time-->



#15

N-Nitroso-di-n-propylamine

Concen: 0.03 ng/ul

RT: 8.88 min Scan# 1029

Delta R.T. -0.04 min

Lab File: BG023459.D

Acq: 4 Aug 2016 19:47

Tgt Ion: 70 Resp: 219

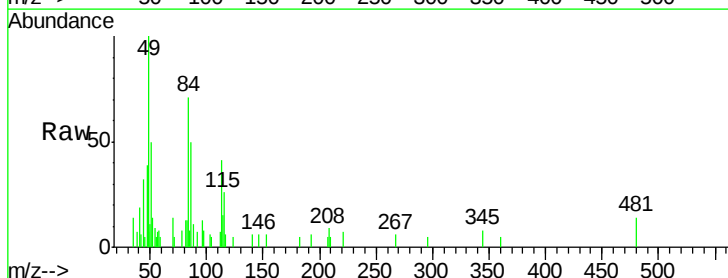
Ion Ratio Lower Upper

70 100

42 43.8 31.4 47.2

101 0.0 8.6 13.0#

130 0.0 19.0 28.4#



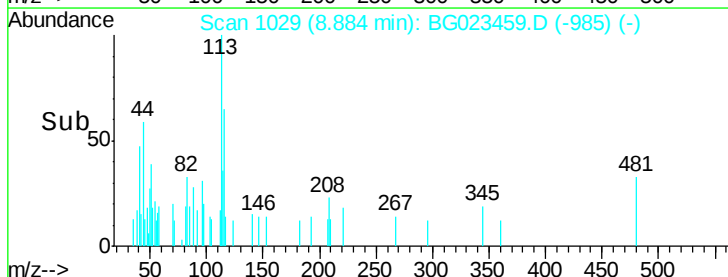
Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

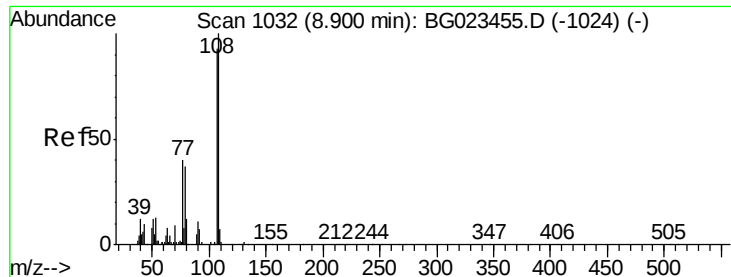
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Time-->



Time-->



#16

4-Methylphenol

Concen: 0.02 ng/ul

RT: 8.90 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BG023459.D

Acq: 4 Aug 2016 19:47

Instrument :

BNA_G

ClientSampleId :

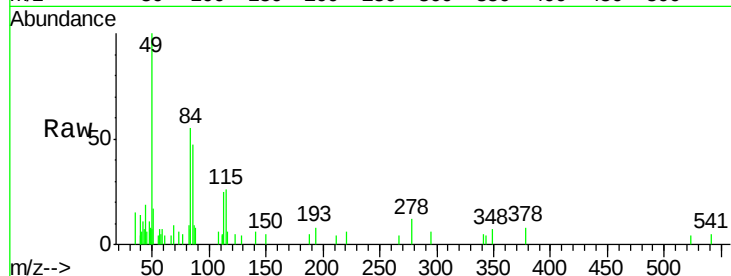
BDJJ3

Tot Ion:108 Resp: 217

Ion Ratio Lower Upper

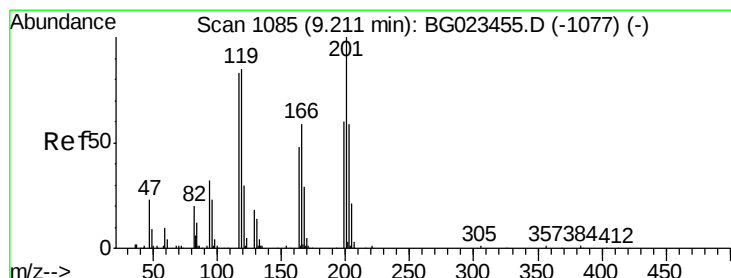
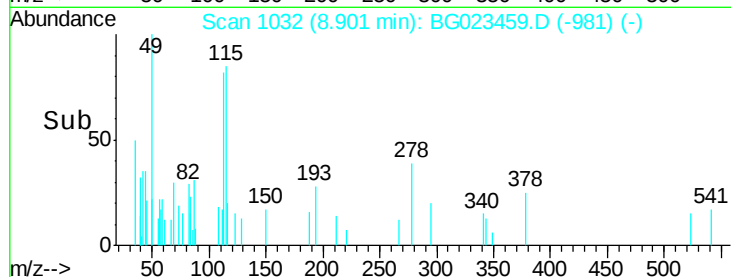
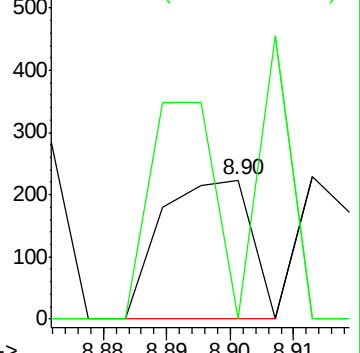
108 100

107 0.0 88.3 132.5#



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#17

Hexachloroethane

Concen: 0.03 ng/ul

RT: 9.45 min Scan# 1125

Delta R.T. 0.24 min

Lab File: BG023459.D

Acq: 4 Aug 2016 19:47

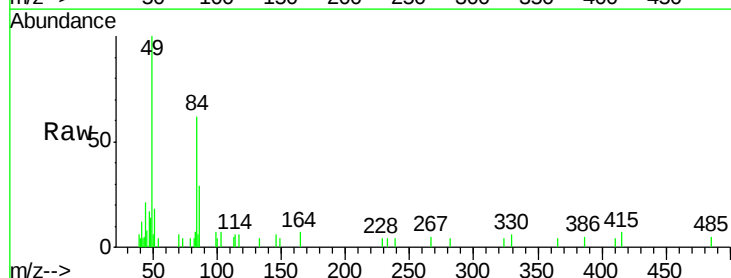
Tgt Ion:117 Resp: 85

Ion Ratio Lower Upper

117 100

201 0.0 76.8 115.2#

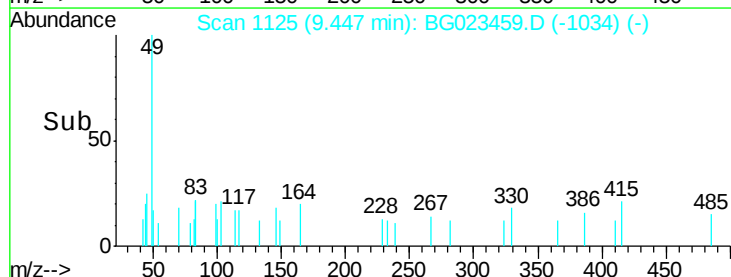
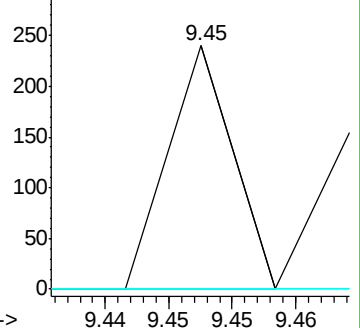
199 0.0 43.5 65.3#

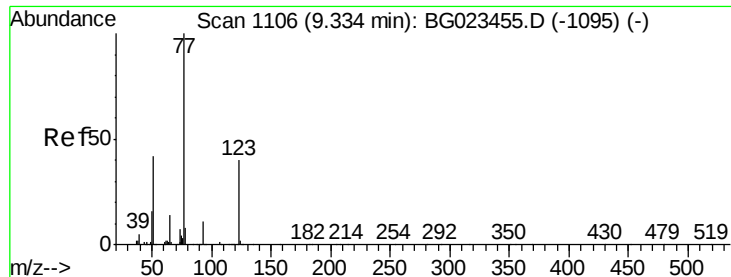


Abundance Ion 117.00 (116.70 to 117.70): E

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: 9.31 min Scan# 1102

Delta R.T. -0.02 min

Lab File: BG023459.D

Acq: 4 Aug 2016 19:47

Instrument :

BNA_G

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BDJJ3

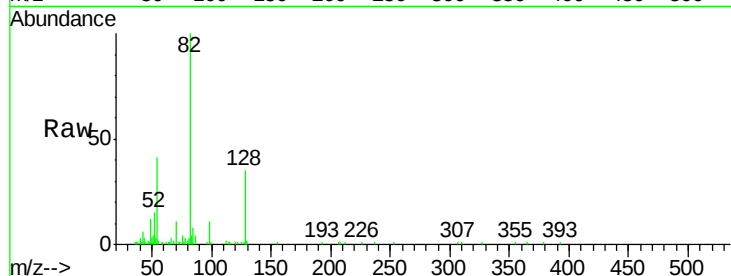
Tot Ion: 77 Resp: 111

Ion Ratio Lower Upper

77 100

123 0.0 39.5 59.3#

65 67.6 9.0 13.4#



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

9.31

300

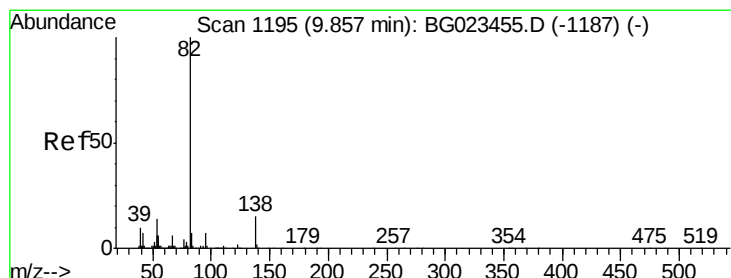
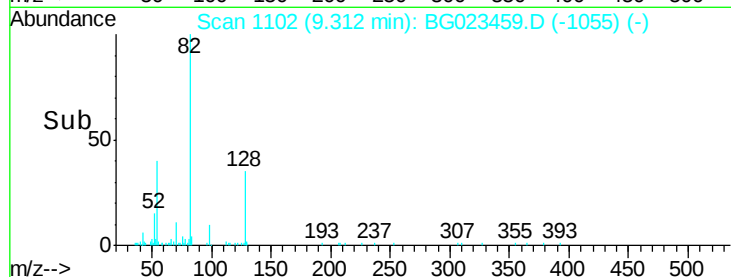
200

100

0

9.30 9.31 9.31 9.32

Time-->



#21

Isophorone

Concen: 0.00 ng/ul

RT: 9.89 min Scan# 1201

Delta R.T. 0.04 min

Lab File: BG023459.D

Acq: 4 Aug 2016 19:47

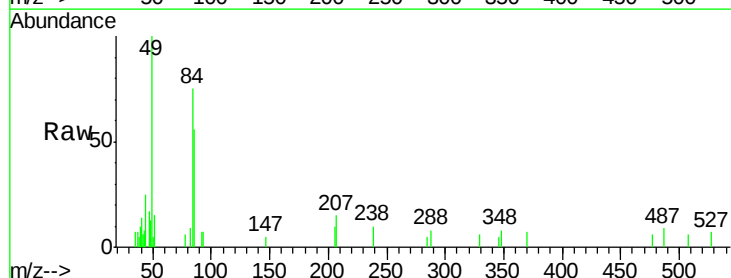
Tgt Ion: 82 Resp: 94

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

9.89

300

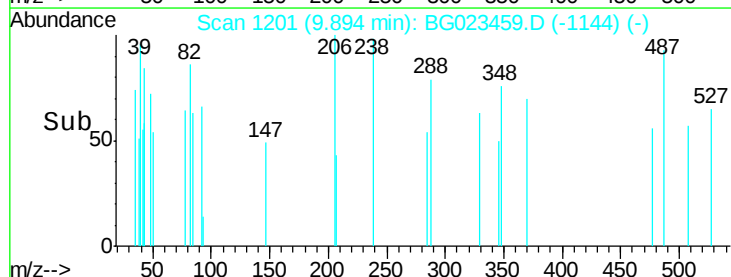
200

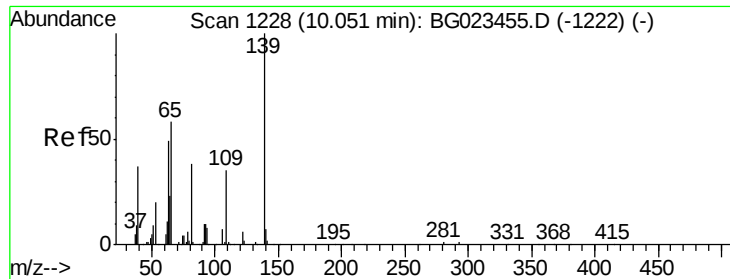
100

0

9.88 9.89 9.89 9.90

Time-->

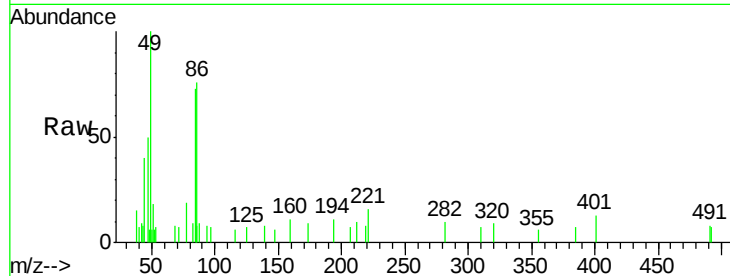




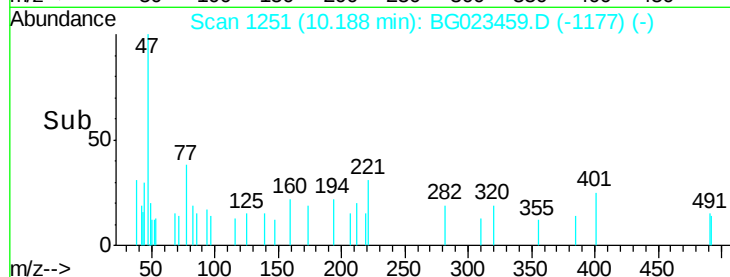
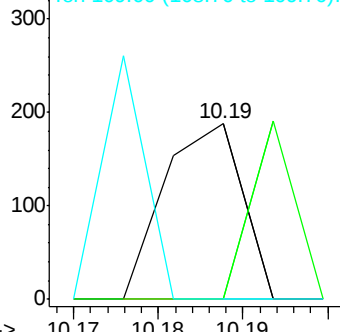
#23
2-Nitrophenol
Concen: 0.03 ng/ul
RT: 10.19 min Scan# 1251
Delta R.T. 0.14 min
Lab File: BG023459.D
Acq: 4 Aug 2016 19:47

Instrument :
BNA_G
ClientSampleId :
BDJJ3

Tot Ion:139 Resp: 120
Ion Ratio Lower Upper
139 100
65 0.0 31.8 47.8#
109 0.0 17.1 25.7#

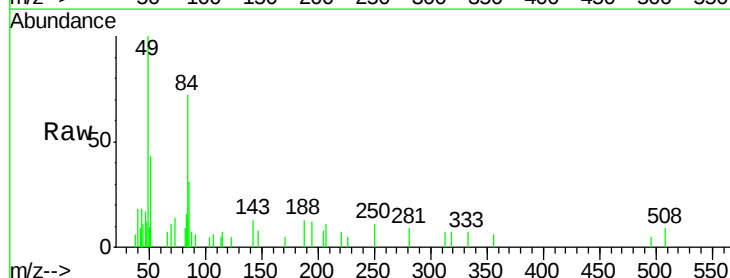
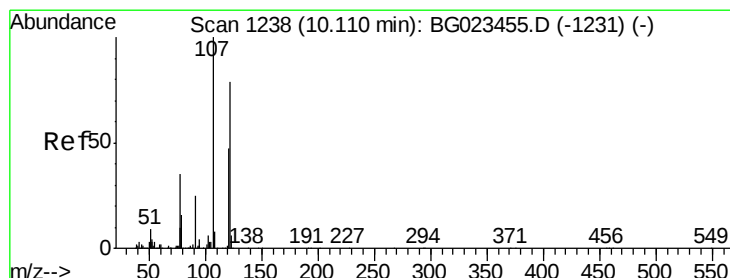


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 109.00 (108.70 to 109.70): E

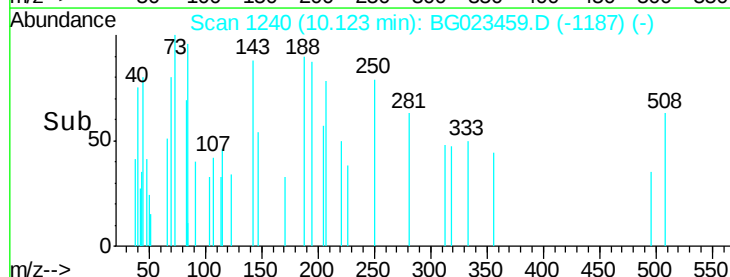
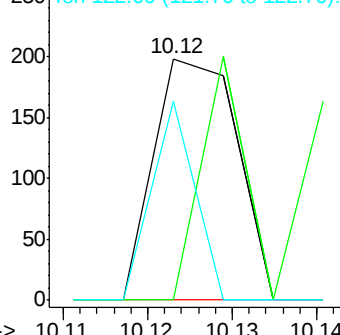


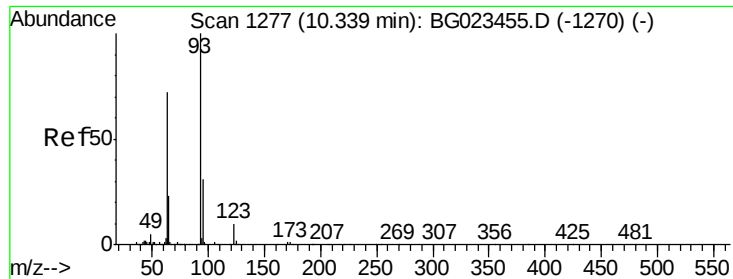
#24
2,4-Dimethylphenol
Concen: 0.01 ng/ul
RT: 10.12 min Scan# 1240
Delta R.T. 0.01 min
Lab File: BG023459.D
Acq: 4 Aug 2016 19:47

Tgt Ion:107 Resp: 135
Ion Ratio Lower Upper
107 100
121 0.0 43.7 65.5#
122 82.3 70.3 105.5



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E
Ion 122.00 (121.70 to 122.70): E

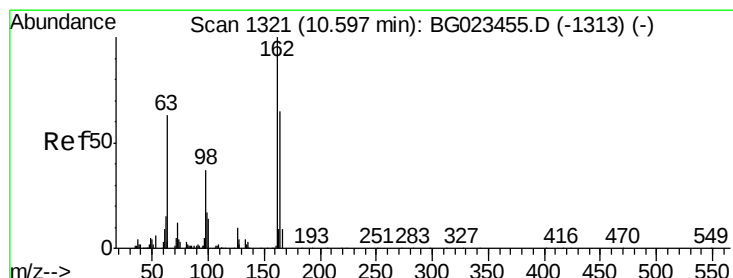
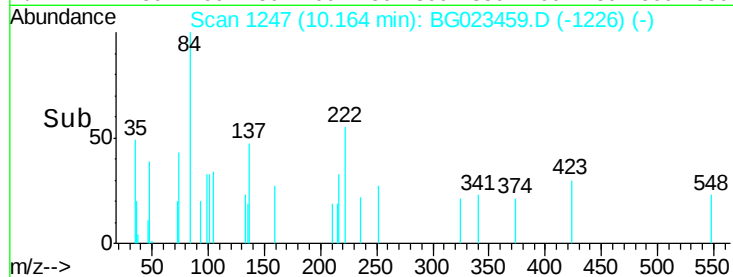
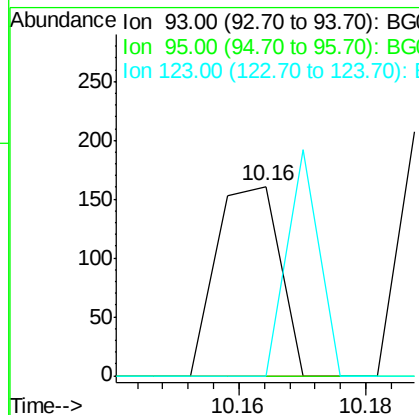
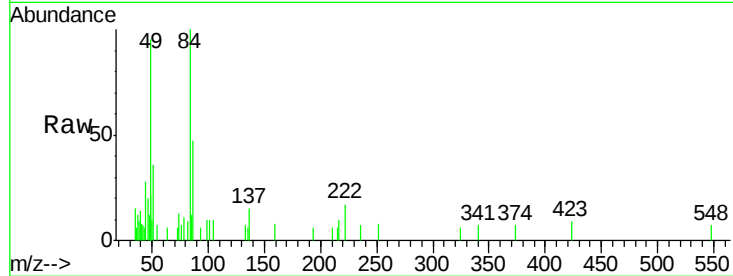




#25
 Bis(2-Chloroethoxy)methane
 Concen: 0.01 ng/ul
 RT: 10.16 min Scan# 1247
 Delta R.T. -0.17 min
 Lab File: BG023459.D
 Acq: 4 Aug 2016 19:47

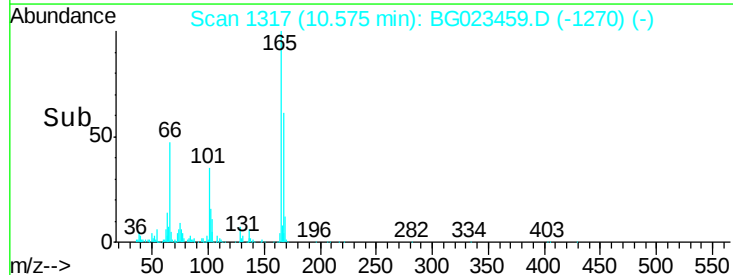
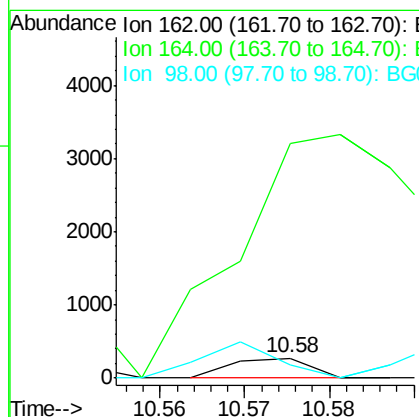
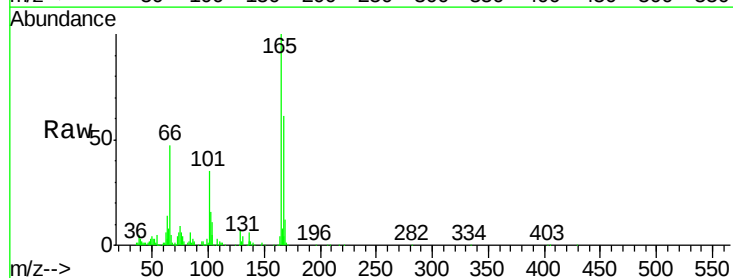
Instrument :
 BNA_G
 ClientSampleId :
 BDJJ3

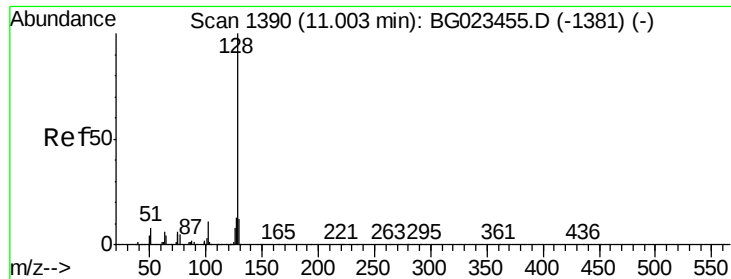
Tot Ion: 93 Resp: 111
 Ion Ratio Lower Upper
 93 100
 95 0.0 26.0 39.0#
 123 0.0 10.1 15.1#



#27
 2,4-Dichlorophenol
 Concen: 0.02 ng/ul
 RT: 10.58 min Scan# 1317
 Delta R.T. -0.02 min
 Lab File: BG023459.D
 Acq: 4 Aug 2016 19:47

Tgt Ion:162 Resp: 178
 Ion Ratio Lower Upper
 162 100
 164 1163.0 51.6 77.4#
 98 65.6 28.3 42.5#





#28

Naphthalene

Concen: 0.04 ng/ul

RT: 11.00 min Scan# 1389

Delta R.T. -0.00 min

Lab File: BG023459.D

Acq: 4 Aug 2016 19:47

Instrument :

BNA_G

ClientSampleId :

BDJJ3

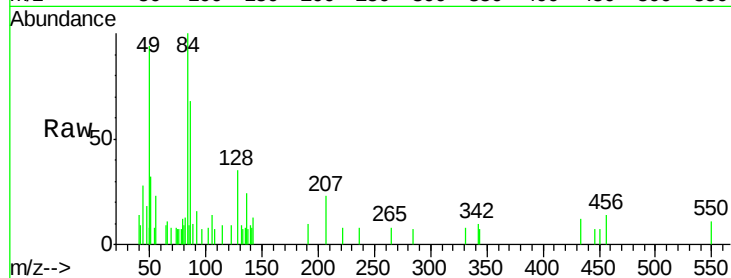
Tot Ion:128 Resp: 964

Ion Ratio Lower Upper

128 100

129 0.0 9.4 14.2#

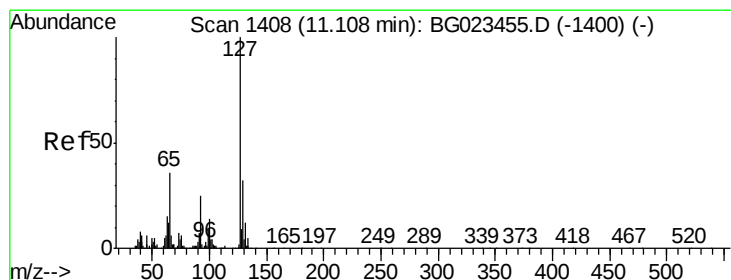
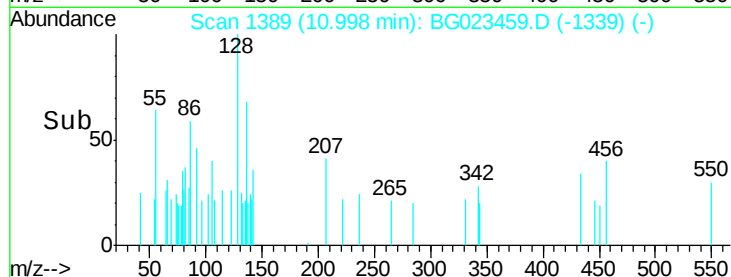
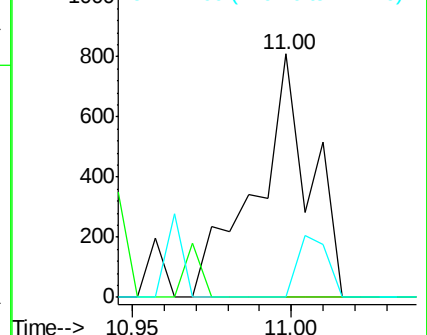
127 0.0 11.2 16.8#



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: 0.03 ng/ul

RT: 11.11 min Scan# 1408

Delta R.T. 0.00 min

Lab File: BG023459.D

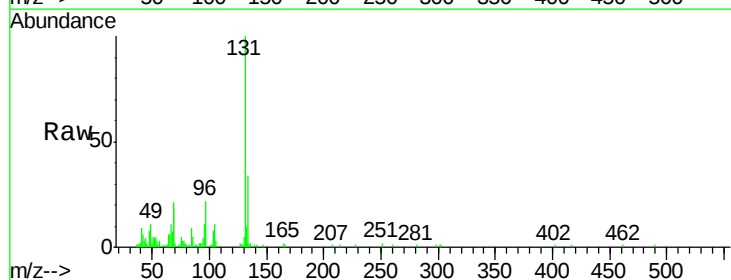
Acq: 4 Aug 2016 19:47

Tgt Ion:127 Resp: 249

Ion Ratio Lower Upper

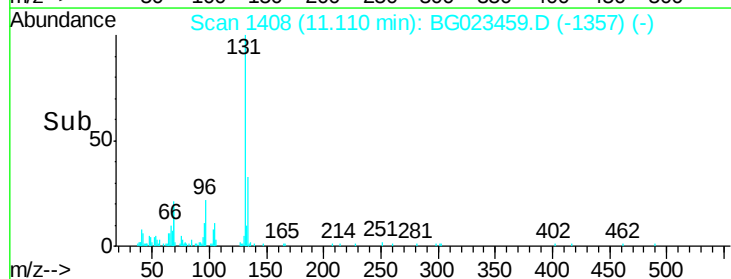
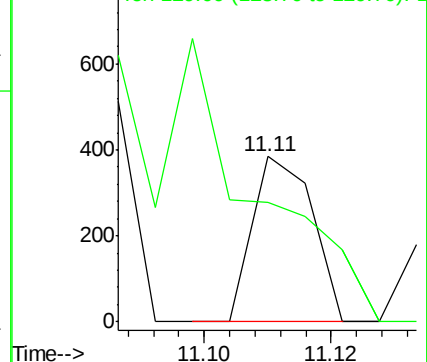
127 100

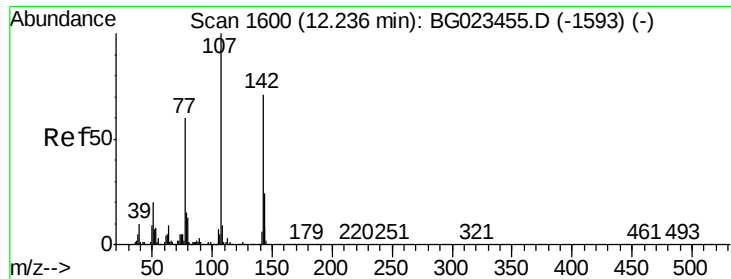
129 72.2 26.9 40.3#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

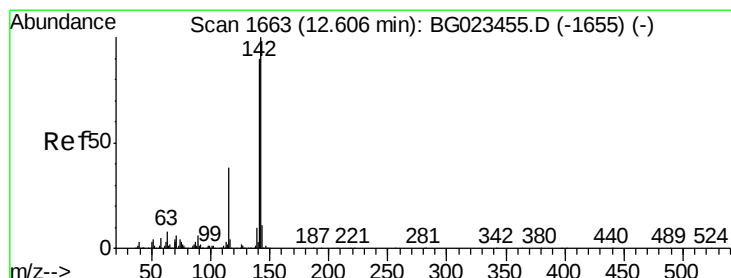
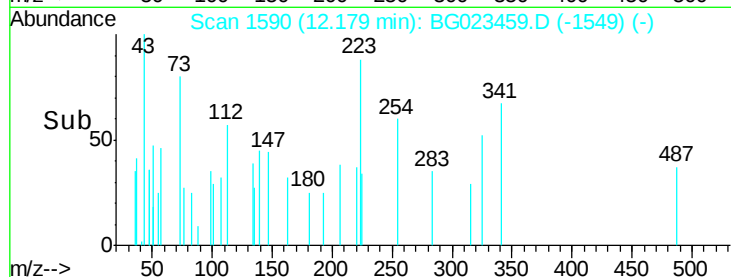
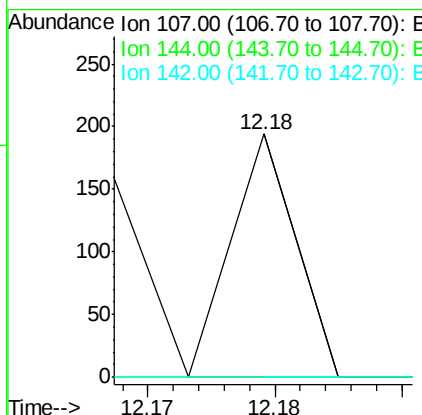
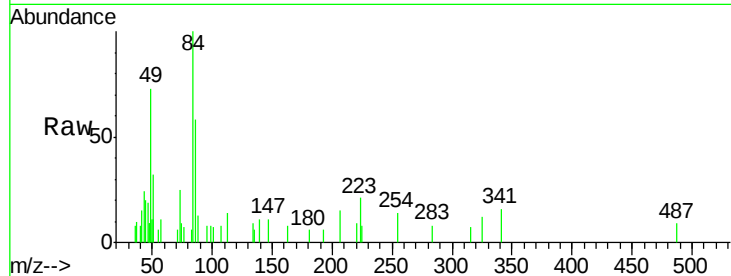




#33
 4-Chloro-3-methylphenol
 Concen: 0.01 ng/ul
 RT: 12.18 min Scan# 1590
 Delta R.T. -0.06 min
 Lab File: BG023459.D
 Acq: 4 Aug 2016 19:47

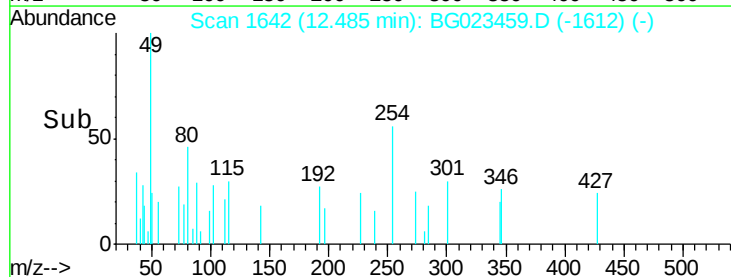
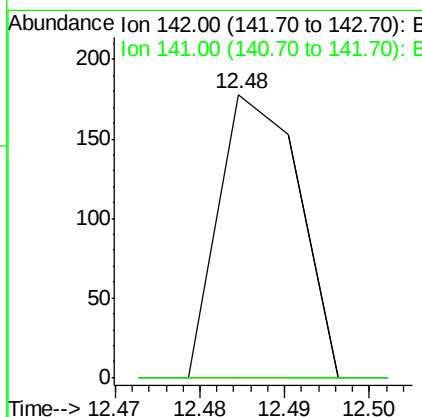
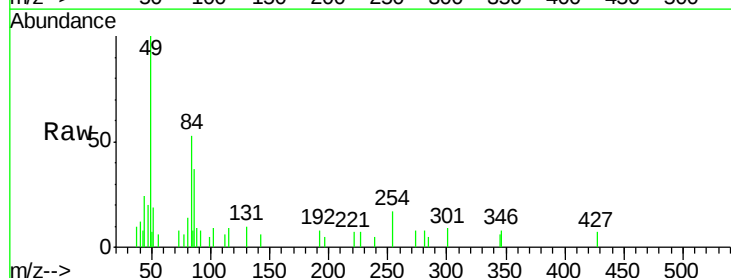
Instrument :
 BNA_G
 ClientSampleId :
 BDJJ3

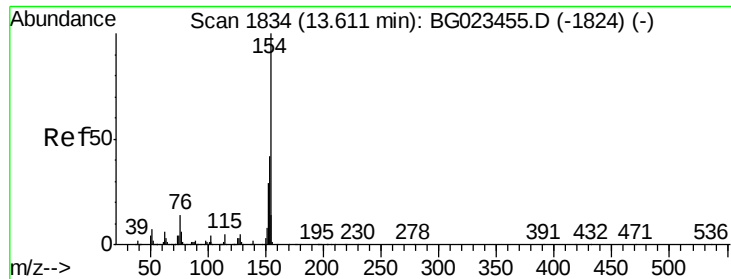
Tot Ion:107 Resp: 68
 Ion Ratio Lower Upper
 107 100
 144 0.0 22.7 34.1#
 142 0.0 71.6 107.4#



#34
 2-Methylnaphthalene
 Concen: 0.01 ng/ul
 RT: 12.48 min Scan# 1642
 Delta R.T. -0.12 min
 Lab File: BG023459.D
 Acq: 4 Aug 2016 19:47

Tgt Ion:142 Resp: 117
 Ion Ratio Lower Upper
 142 100
 141 0.0 75.2 112.8#

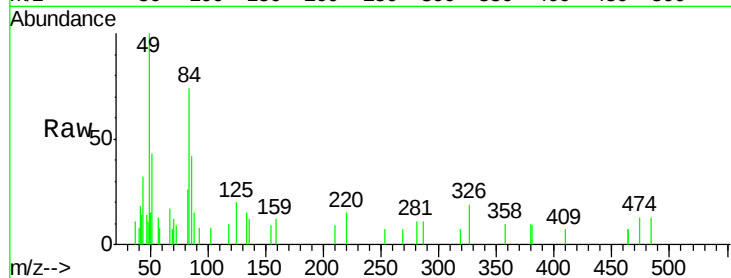




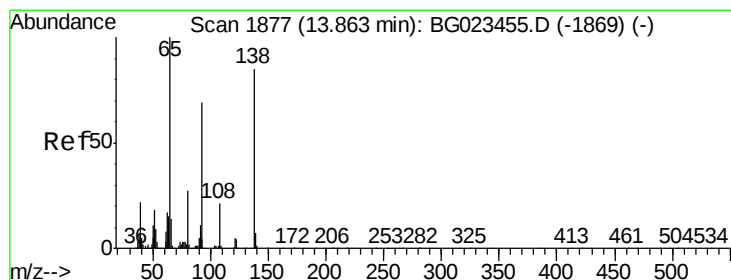
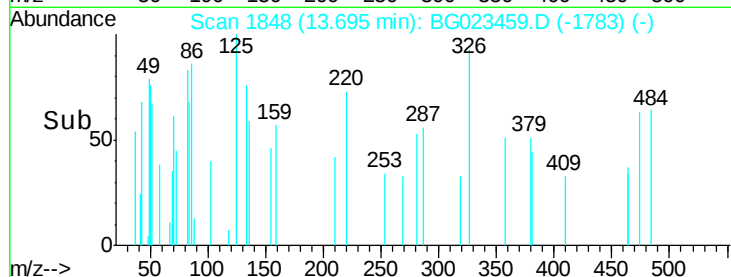
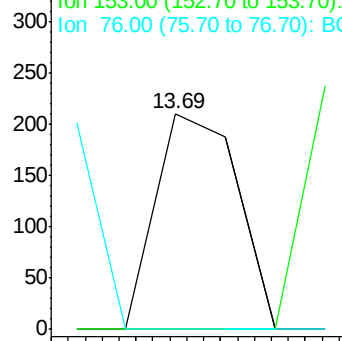
#40
 1,1'-Biphenyl
 Concen: 0.00 ng/ul
 RT: 13.69 min Scan# 1848
 Delta R.T. 0.08 min
 Lab File: BG023459.D
 Acq: 4 Aug 2016 19:47

Instrument :
 BNA_G
 ClientSampleID :
 BDJJ3

Tot Ion	Ratio	Lower	Upper
154	100		
153	0.0	34.6	52.0#
76	0.0	11.9	17.9#

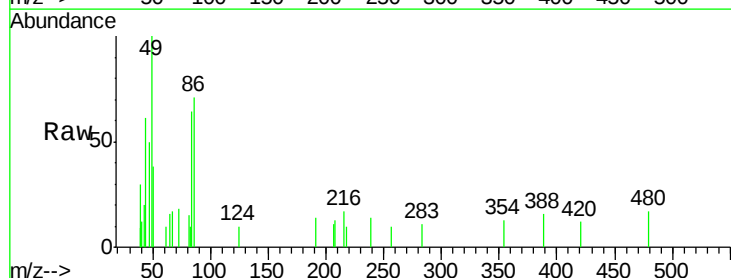


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

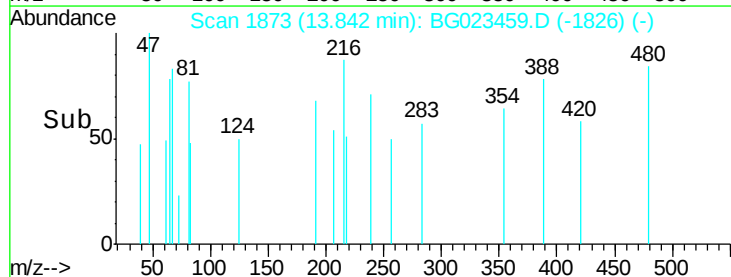
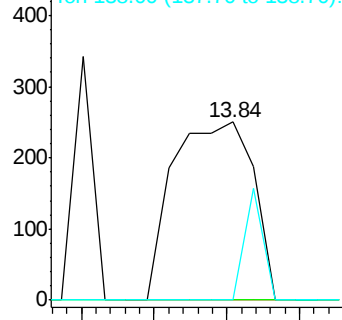


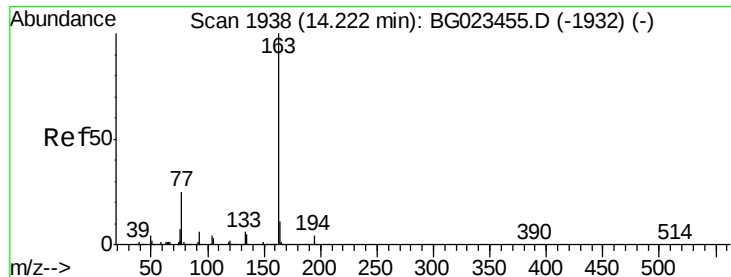
#42
 2-Nitroaniline
 Concen: 0.04 ng/ul
 RT: 13.84 min Scan# 1873
 Delta R.T. -0.02 min
 Lab File: BG023459.D
 Acq: 4 Aug 2016 19:47

Tgt Ion	Ratio	Lower	Upper
65	100		
92	0.0	67.1	100.7#
138	0.0	109.6	164.4#



Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





#44

Dimethylphthalate

Concen: 14.11 ng/ul

RT: 14.22 min Scan# 1938

Delta R.T. 0.00 min

Lab File: BG023459.D

Acq: 4 Aug 2016 19:47

Instrument :

BNA_G

ClientSampleId :

BDJJ3

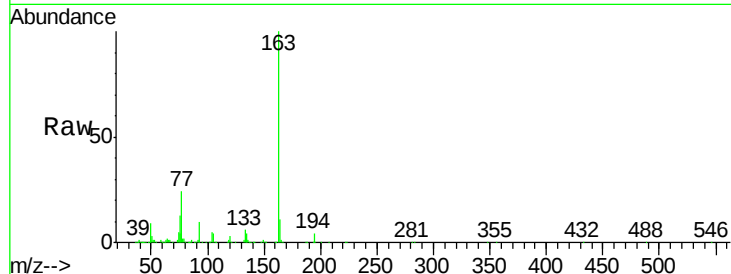
Tot Ion:163 Resp: 438657

Ion Ratio Lower Upper

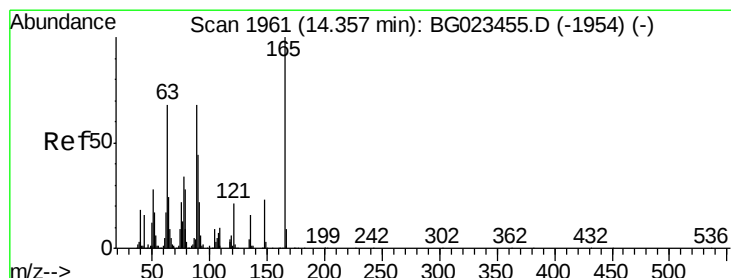
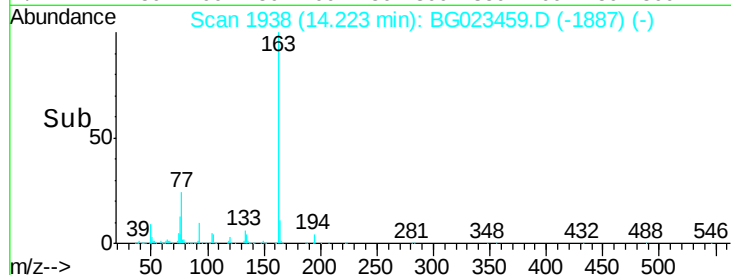
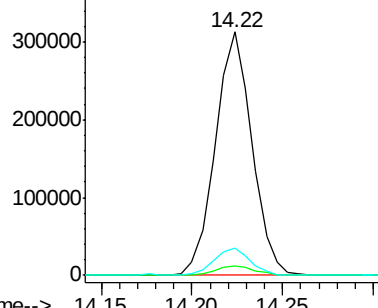
163 100

194 4.0 3.4 5.2

164 11.2 8.8 13.2



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



#45

2,6-Dinitrotoluene

Concen: 0.02 ng/ul

RT: 14.32 min Scan# 1955

Delta R.T. -0.03 min

Lab File: BG023459.D

Acq: 4 Aug 2016 19:47

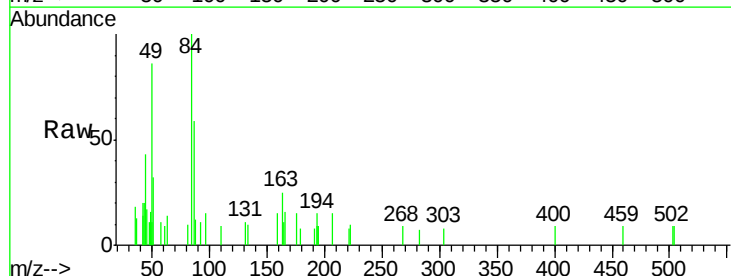
Tgt Ion:165 Resp: 113

Ion Ratio Lower Upper

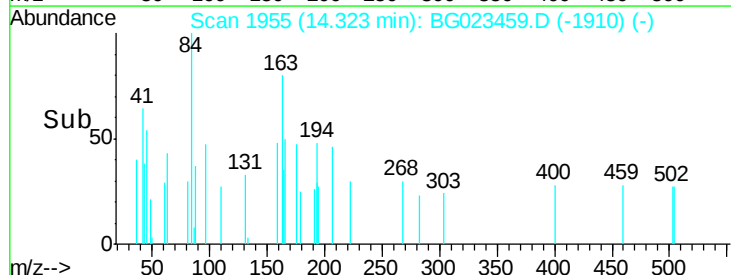
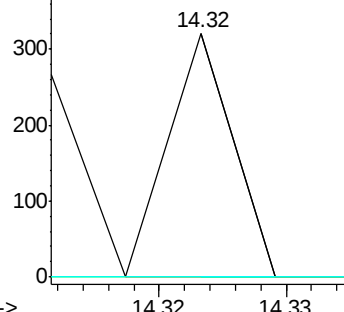
165 100

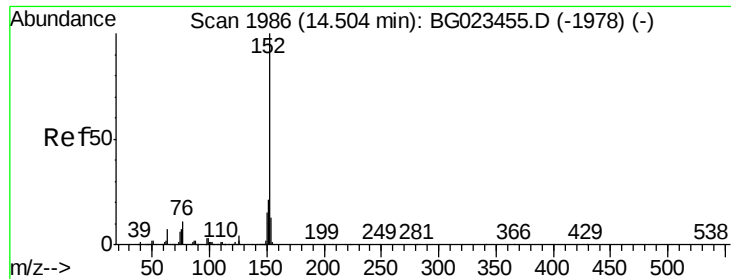
89 0.0 41.5 62.3#

121 0.0 17.0 25.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 89.00 (88.70 to 89.70): BG
Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 0.01 ng/ul

RT: 14.50 min Scan# 1985

Delta R.T. -0.00 min

Lab File: BG023459.D

Acq: 4 Aug 2016 19:47

Instrument :

BNA_G

ClientSampled :

BDJJ3

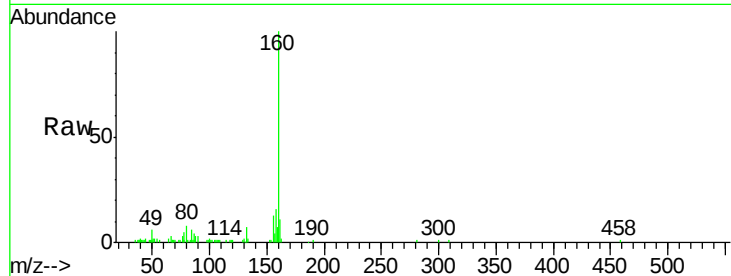
Tot Ion:152 Resp: 192

Ion Ratio Lower Upper

152 100

151 0.0 17.5 26.3#

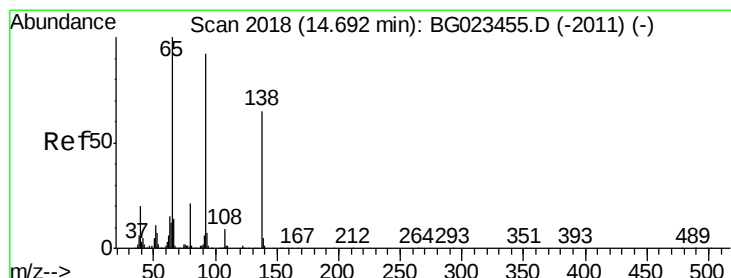
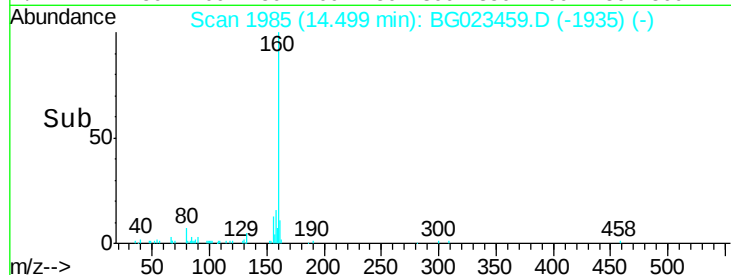
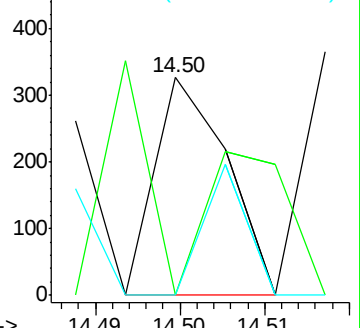
153 0.0 11.1 16.7#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#48

3-Nitroaniline

Concen: 0.03 ng/ul

RT: 14.43 min Scan# 1973

Delta R.T. -0.26 min

Lab File: BG023459.D

Acq: 4 Aug 2016 19:47

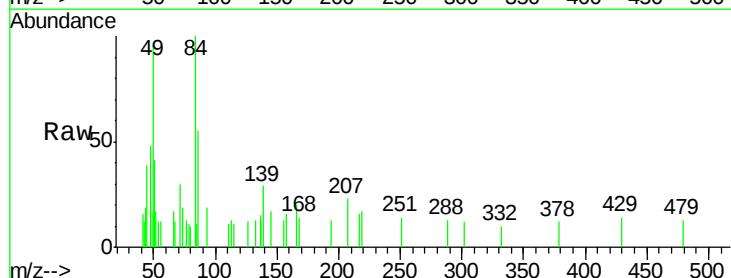
Tgt Ion:138 Resp: 221

Ion Ratio Lower Upper

138 100

108 0.0 6.2 9.2#

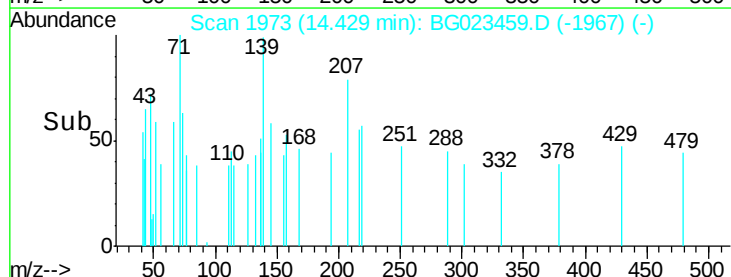
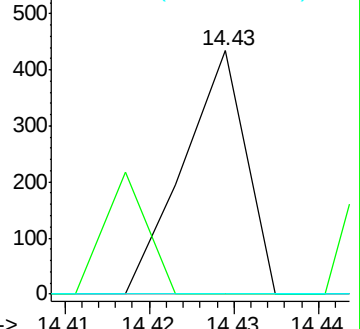
92 0.0 79.3 118.9#

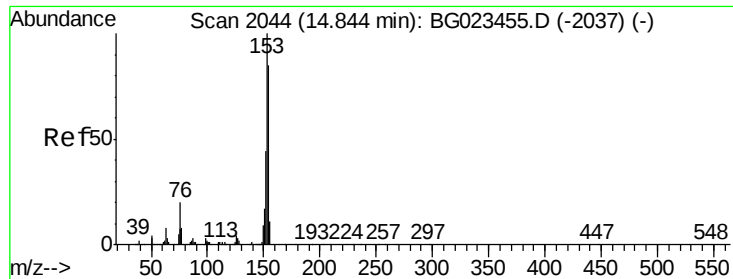


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





#49

Acenaphthene

Concen: 0.00 ng/ul

RT: 14.86 min Scan# 2046

Delta R.T. 0.01 min

Lab File: BG023459.D

Acq: 4 Aug 2016 19:47

Instrument :

BNA_G

ClientSampleId :

BDJJ3

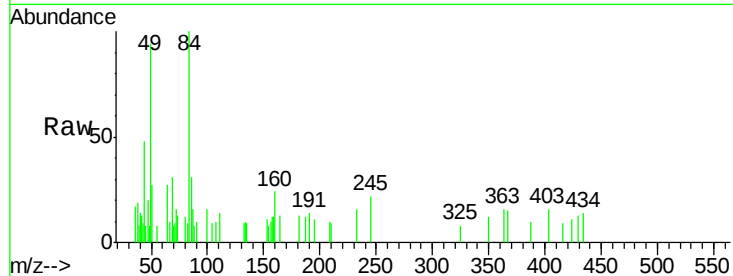
Tot Ion:153 Resp: 73

Ion Ratio Lower Upper

153 100

152 0.0 37.3 55.9#

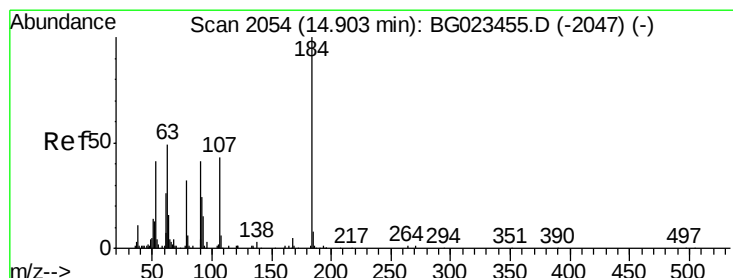
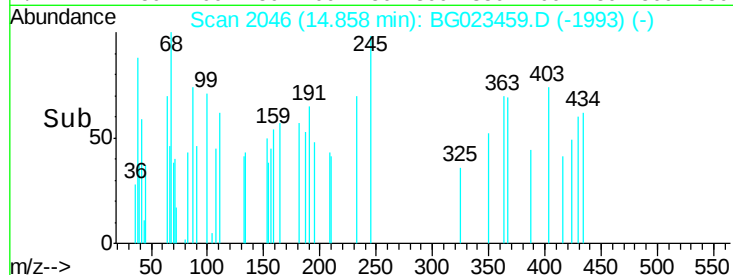
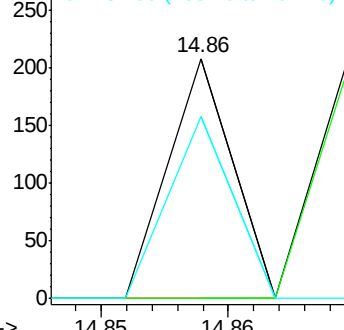
154 76.0 68.2 102.2



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



#50

2,4-Dinitrophenol

Concen: 0.02 ng/ul

RT: 15.13 min Scan# 2093

Delta R.T. 0.23 min

Lab File: BG023459.D

Acq: 4 Aug 2016 19:47

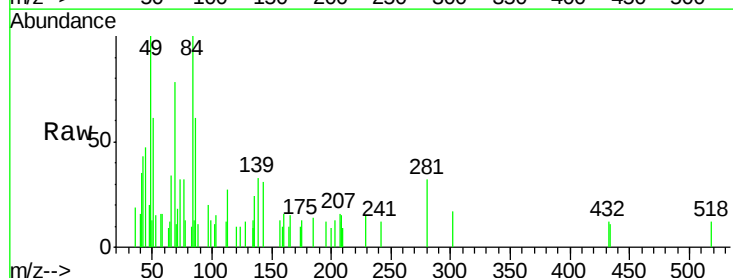
Tgt Ion:184 Resp: 82

Ion Ratio Lower Upper

184 100

63 0.0 40.5 60.7#

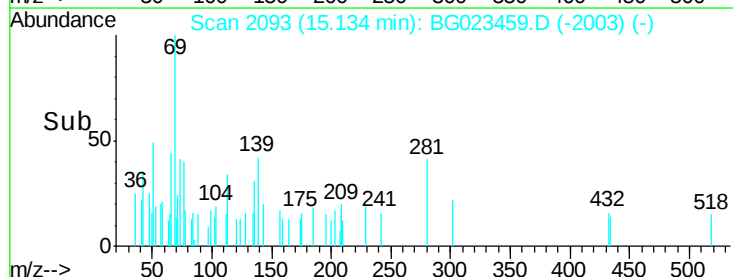
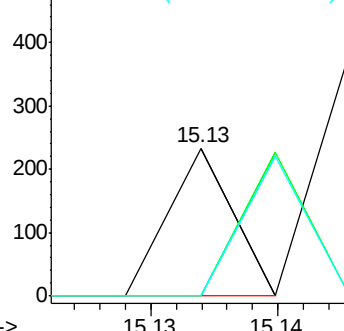
154 0.0 48.5 72.7#

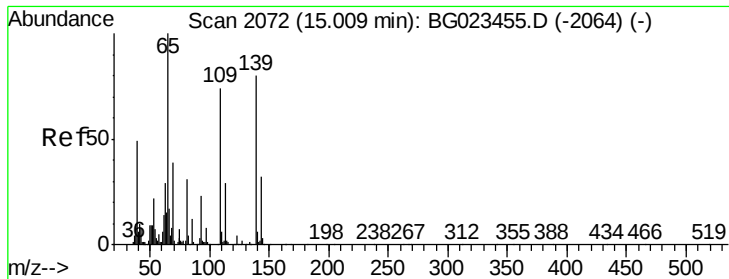


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 154.00 (153.70 to 154.70): E

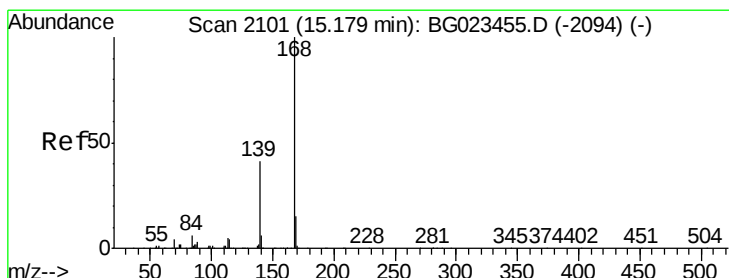
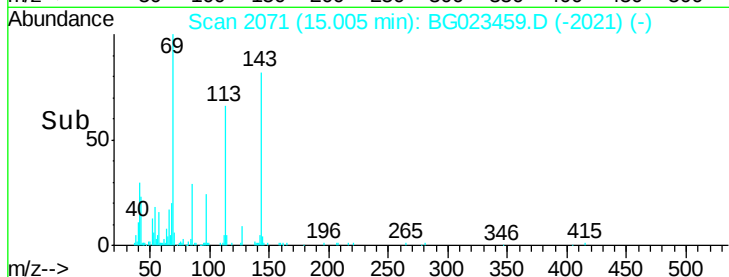
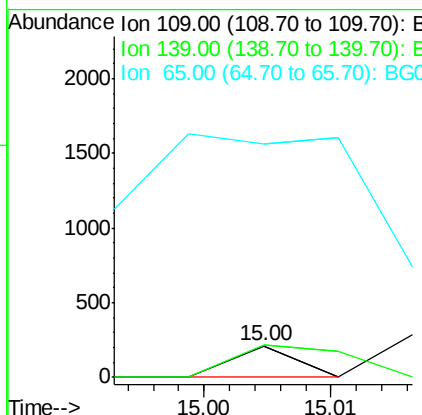
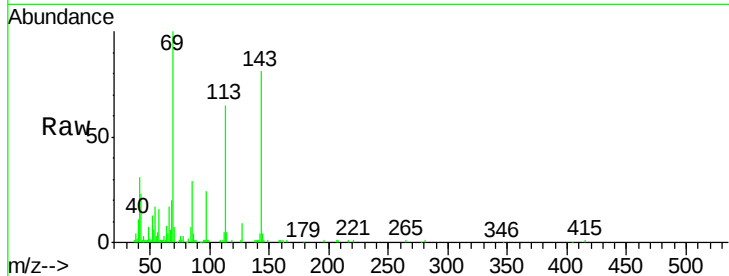




#52
4-Nitrophenol
Concen: 0.01 ng/ul
RT: 15.00 min Scan# 2071
Delta R.T. -0.00 min
Lab File: BG023459.D
Acq: 4 Aug 2016 19:47

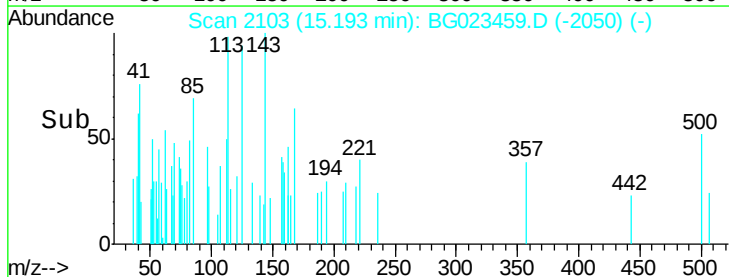
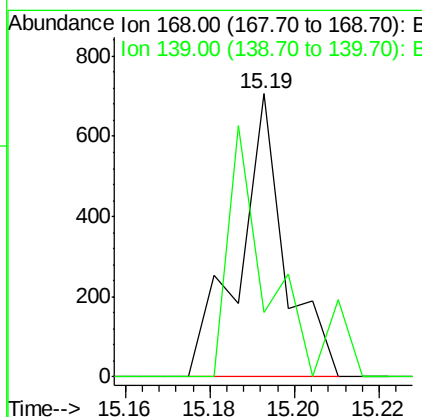
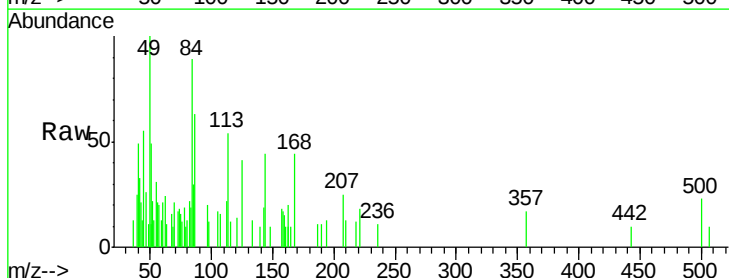
Instrument :
BNA_G
ClientSampleId :
BDJJ3

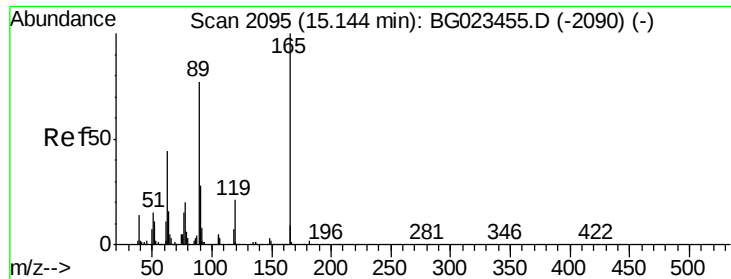
Tot Ion:109 Resp: 74
Ion Ratio Lower Upper
109 100
139 104.3 136.1 204.1#
65 748.8 106.0 159.0#



#53
Dibenzofuran
Concen: 0.01 ng/ul
RT: 15.19 min Scan# 2103
Delta R.T. 0.01 min
Lab File: BG023459.D
Acq: 4 Aug 2016 19:47

Tgt Ion:168 Resp: 529
Ion Ratio Lower Upper
168 100
139 22.7 27.4 41.0#





#54

2,4-Dinitrotoluene

Concen: 0.01 ng/ul

RT: 15.13 min Scan# 2093

Delta R.T. -0.01 min

Lab File: BG023459.D

Acq: 4 Aug 2016 19:47

Instrument :

BNA_G

ClientSampleId :

BDJJ3

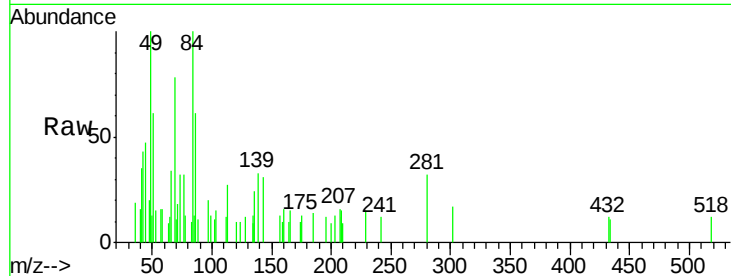
Tot Ion:165 Resp: 59

Ion Ratio Lower Upper

165 100

63 0.0 25.7 38.5#

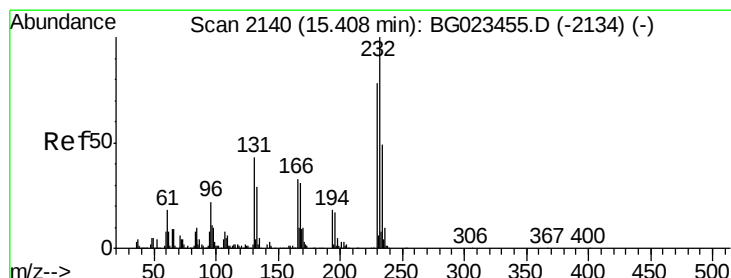
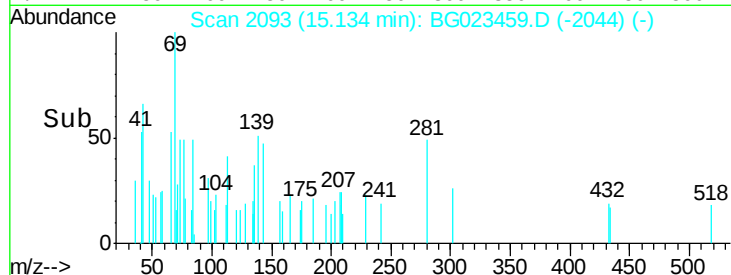
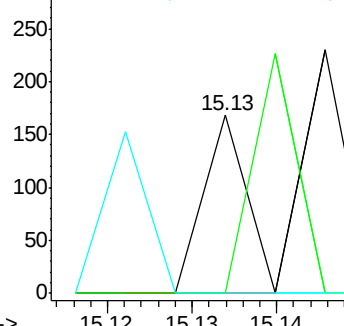
182 0.0 2.1 3.1#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 182.00 (181.70 to 182.70): E



#55

2,3,4,6-Tetrachlorophenol

Concen: 0.02 ng/ul

RT: 15.38 min Scan# 2135

Delta R.T. -0.03 min

Lab File: BG023459.D

Acq: 4 Aug 2016 19:47

Tgt Ion:232 Resp: 177

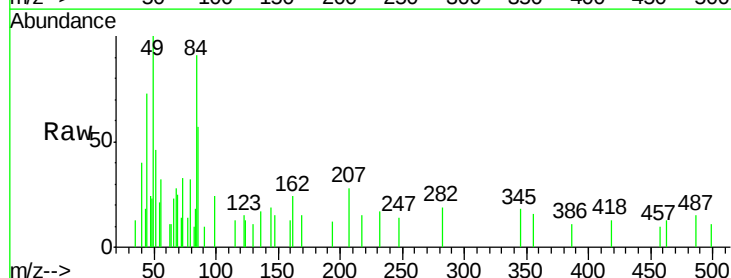
Ion Ratio Lower Upper

232 100

131 0.0 34.8 52.2#

130 0.0 2.2 3.2#

166 0.0 23.8 35.6#

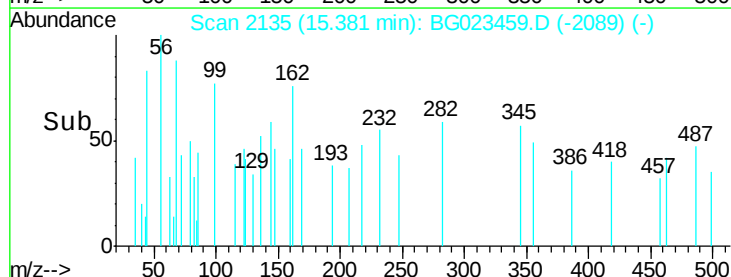
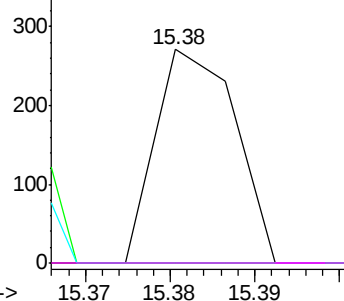


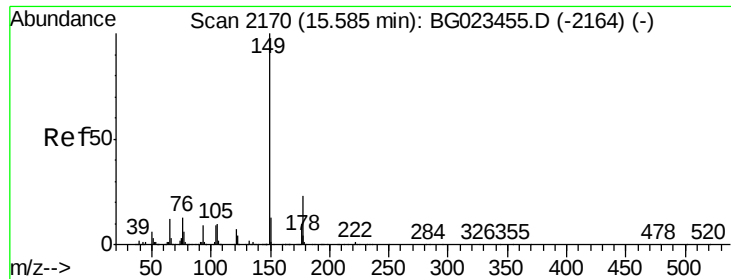
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#56

Diethylphthalate

Concen: 0.07 ng/ul

RT: 15.59 min Scan# 2170

Delta R.T. 0.00 min

Lab File: BG023459.D

Acq: 4 Aug 2016 19:47

Instrument :

BNA_G

ClientSampleId :

BDJJ3

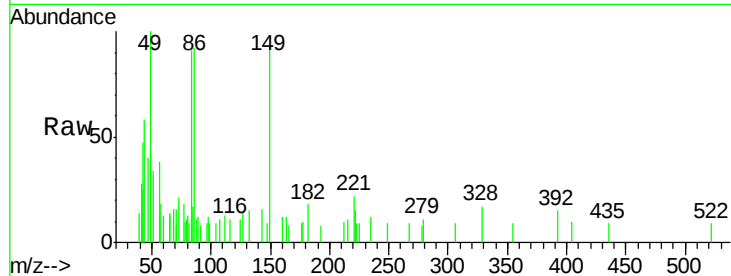
Tot Ion:149 Resp: 2372

Ion Ratio Lower Upper

149 100

177 0.0 17.4 26.2#

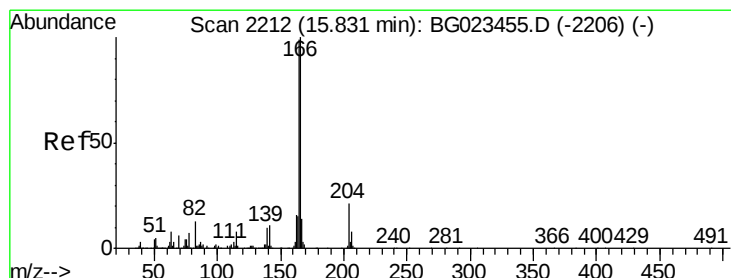
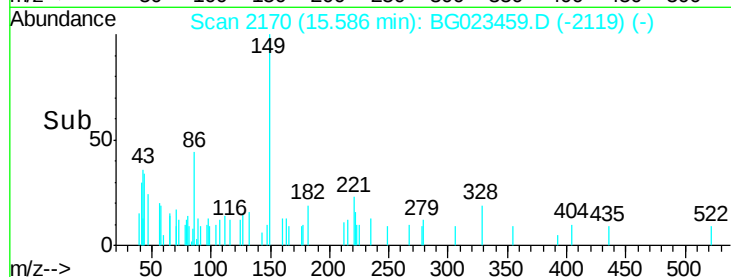
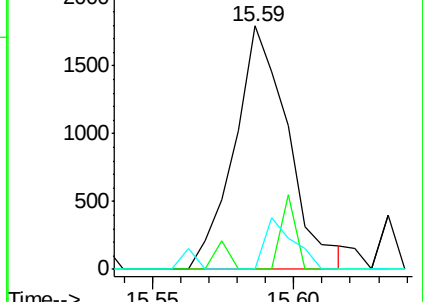
150 0.0 9.6 14.4#



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: 0.01 ng/ul

RT: 15.83 min Scan# 2211

Delta R.T. -0.00 min

Lab File: BG023459.D

Acq: 4 Aug 2016 19:47

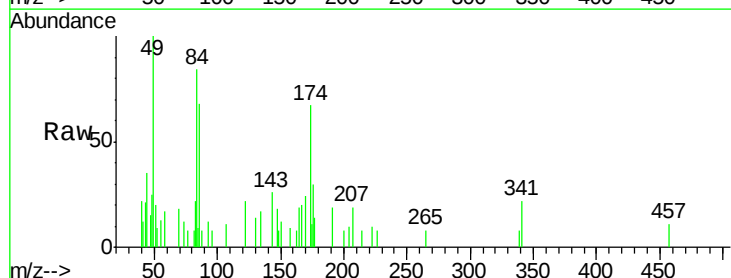
Tgt Ion:166 Resp: 332

Ion Ratio Lower Upper

166 100

165 97.7 80.3 120.5

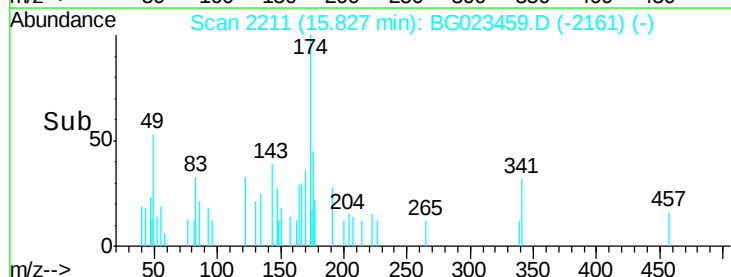
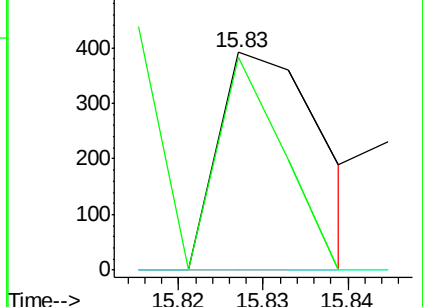
167 0.0 10.3 15.5#

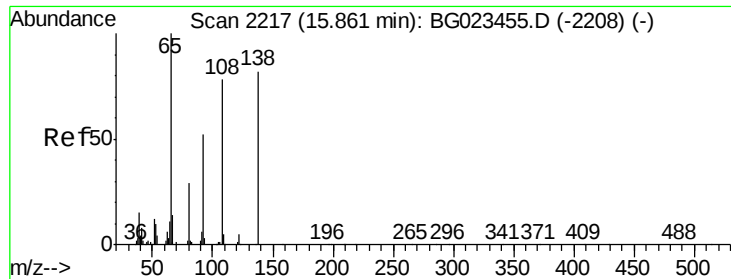


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

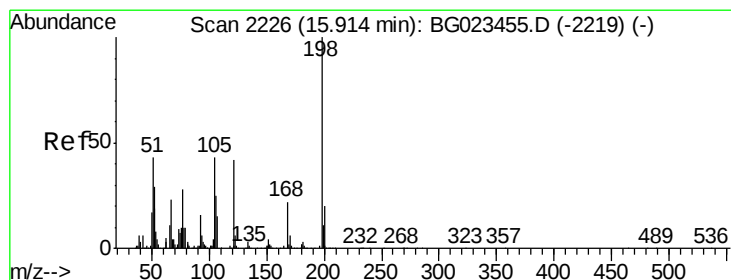
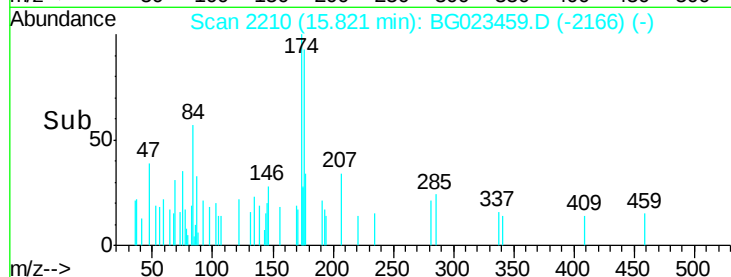
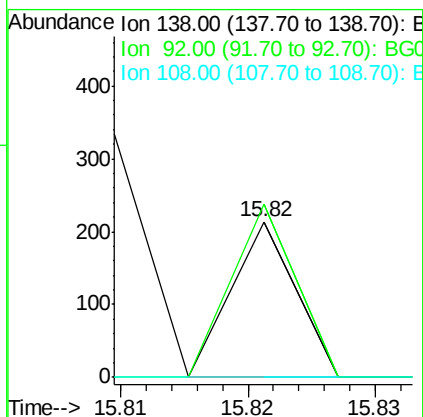
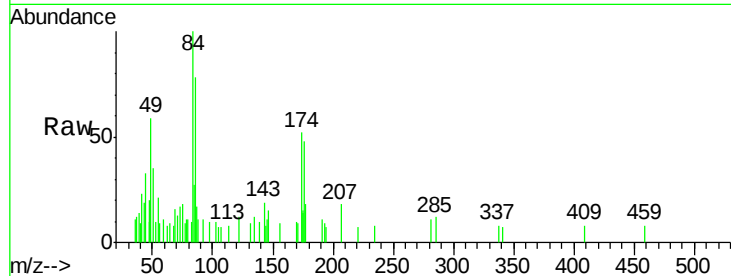




#60
4-Nitroaniline
Concen: 0.01 ng/ul
RT: 15.82 min Scan# 2210
Delta R.T. -0.04 min
Lab File: BG023459.D
Acq: 4 Aug 2016 19:47

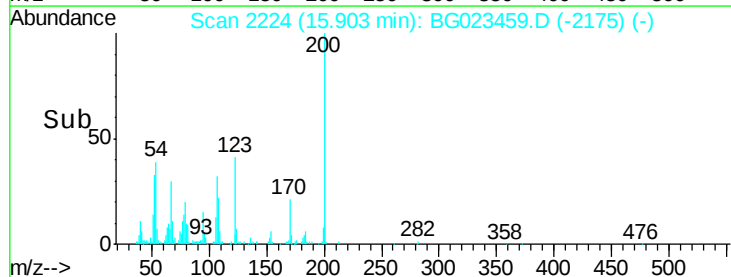
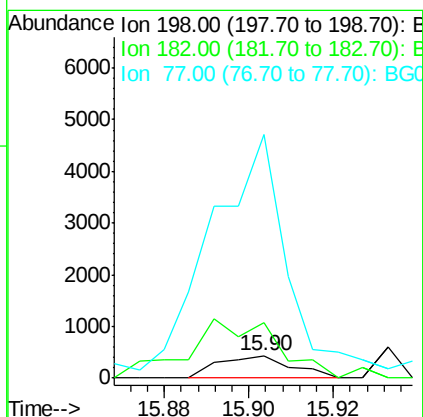
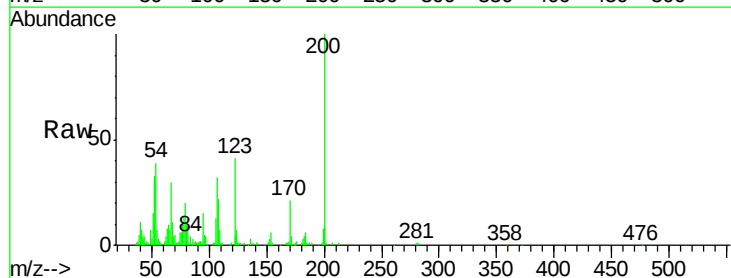
Instrument :
BNA_G
ClientSampled :
BDJJ3

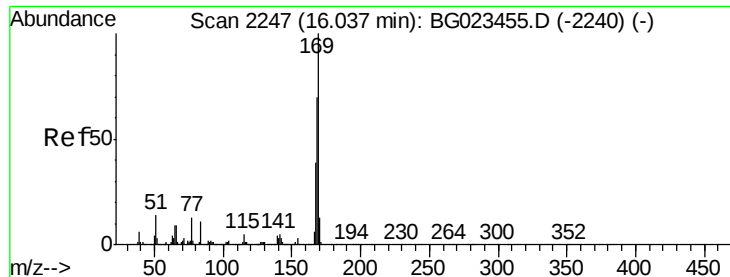
Tot Ion:138 Resp: 75
Ion Ratio Lower Upper
138 100
92 111.2 39.0 58.4#
108 0.0 49.2 73.8#



#63
4,6-Dinitro-2-methylphenol
Concen: 0.07 ng/ul
RT: 15.90 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BG023459.D
Acq: 4 Aug 2016 19:47

Tgt Ion:198 Resp: 520
Ion Ratio Lower Upper
198 100
182 249.2 4.2 6.2#
77 1088.2 16.7 25.1#

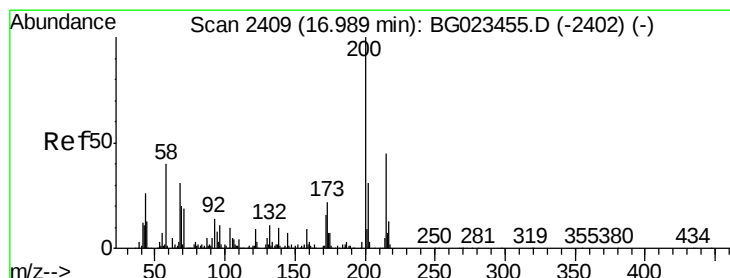
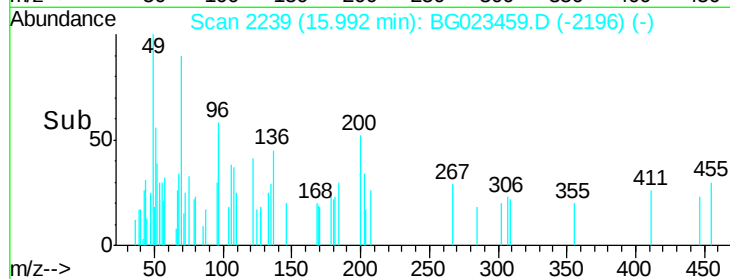
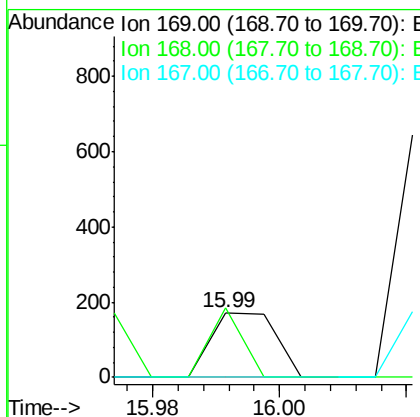
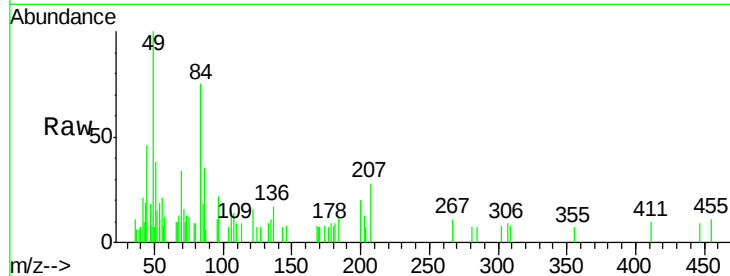




#64
N-Nitrosodiphenylamine
Concen: 0.00 ng/ul
RT: 15.99 min Scan# 2239
Delta R.T. -0.05 min
Lab File: BG023459.D
Acq: 4 Aug 2016 19:47

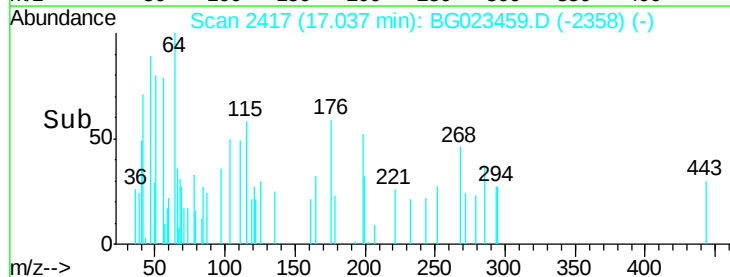
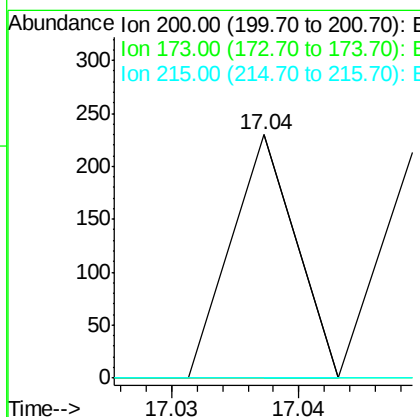
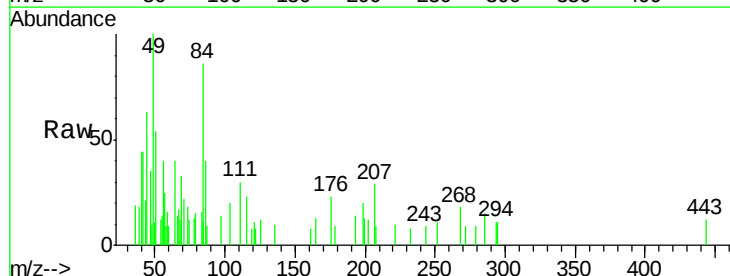
Instrument :
BNA_G
ClientSampled :
BDJJ3

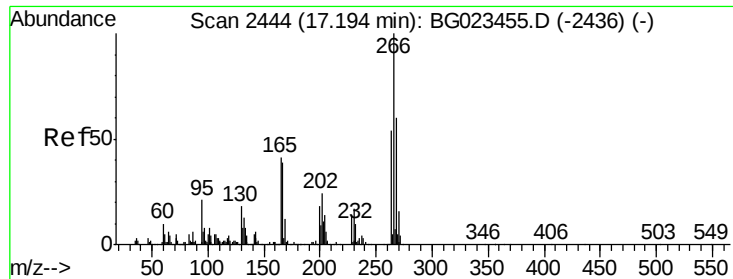
Tot Ion	Ratio	Lower	Upper
169	100		
168	106.9	59.0	88.6#
167	0.0	30.6	46.0#



#67
Atrazine
Concen: 0.01 ng/ul
RT: 17.04 min Scan# 2417
Delta R.T. 0.05 min
Lab File: BG023459.D
Acq: 4 Aug 2016 19:47

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

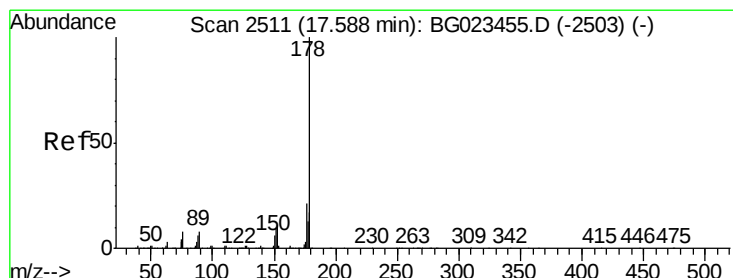
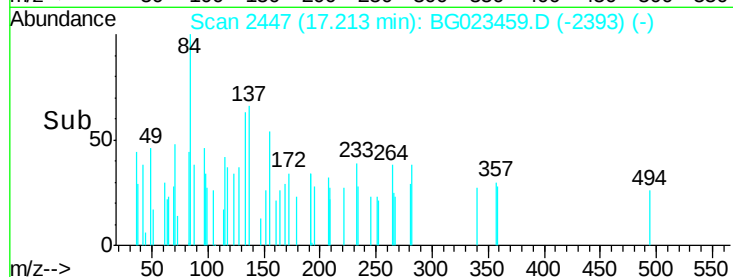
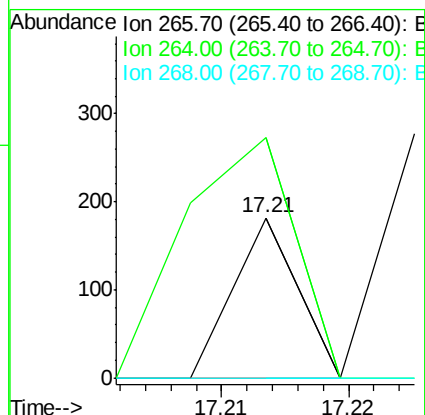
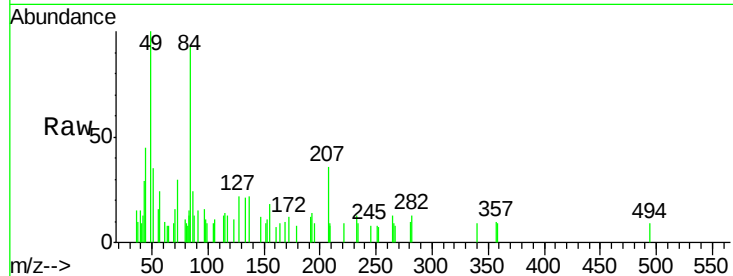




#68
 Pentachlorophenol
 Concen: 0.01 ng/ul
 RT: 17.21 min Scan# 2447
 Delta R.T. 0.02 min
 Lab File: BG023459.D
 Acq: 4 Aug 2016 19:47

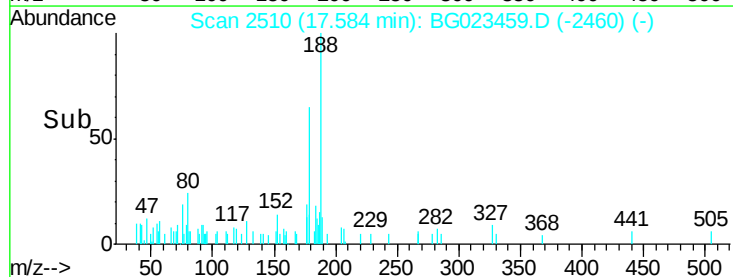
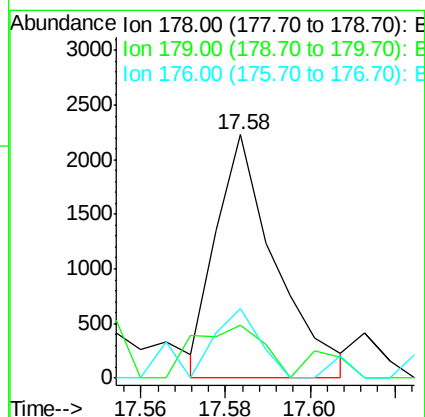
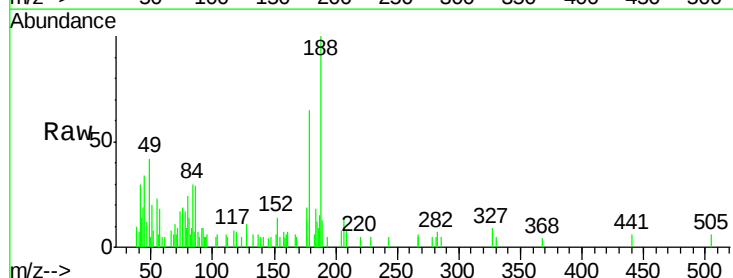
Instrument :
 BNA_G
 ClientSampled :
 BDJJ3

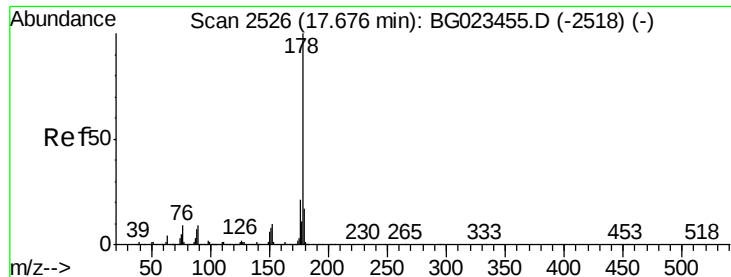
Tot Ion:266 Resp: 64
 Ion Ratio Lower Upper
 266 100
 264 150.0 54.7 82.1#
 268 0.0 57.8 86.8#



#69
 Phenanthrene
 Concen: 0.04 ng/ul
 RT: 17.58 min Scan# 2510
 Delta R.T. -0.00 min
 Lab File: BG023459.D
 Acq: 4 Aug 2016 19:47

Tgt Ion:178 Resp: 2172
 Ion Ratio Lower Upper
 178 100
 179 21.5 12.9 19.3#
 176 28.4 15.8 23.8#





#71

Anthracene

Concen: 0.01 ng/ul

RT: 17.68 min Scan# 2526

Delta R.T. 0.00 min

Lab File: BG023459.D

Acq: 4 Aug 2016 19:47

Instrument :

BNA_G

ClientSampleId :

BDJJ3

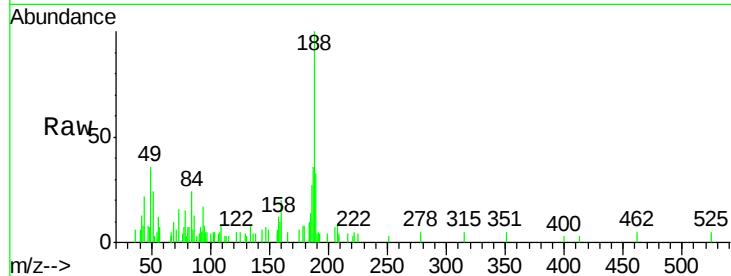
Tot Ion:178 Resp: 545

Ion Ratio Lower Upper

178 100

179 101.5 12.3 18.5#

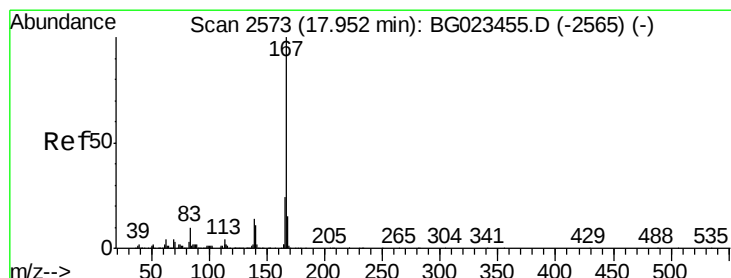
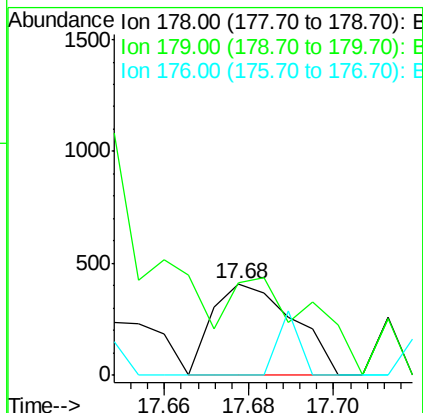
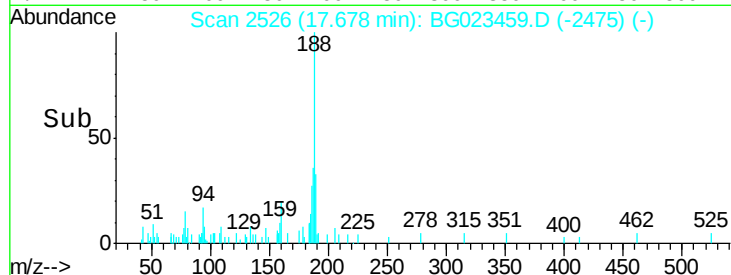
176 0.0 16.3 24.5#



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: 0.01 ng/ul

RT: 17.96 min Scan# 2574

Delta R.T. 0.01 min

Lab File: BG023459.D

Acq: 4 Aug 2016 19:47

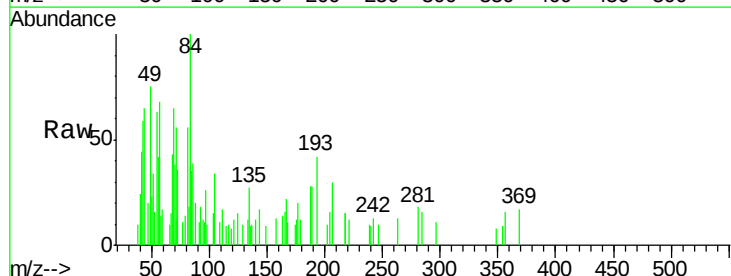
Tgt Ion:167 Resp: 570

Ion Ratio Lower Upper

167 100

166 0.0 19.2 28.8#

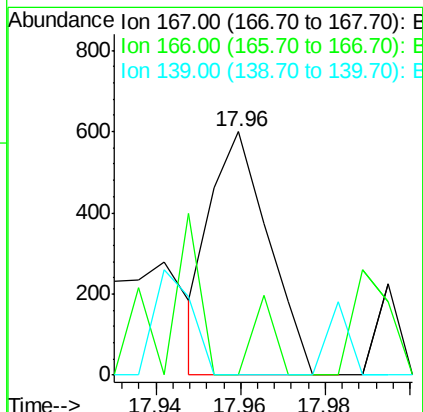
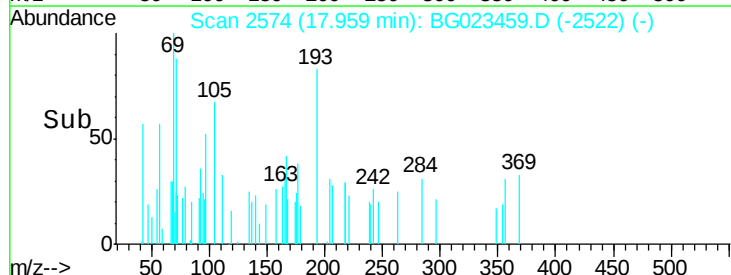
139 0.0 10.2 15.4#

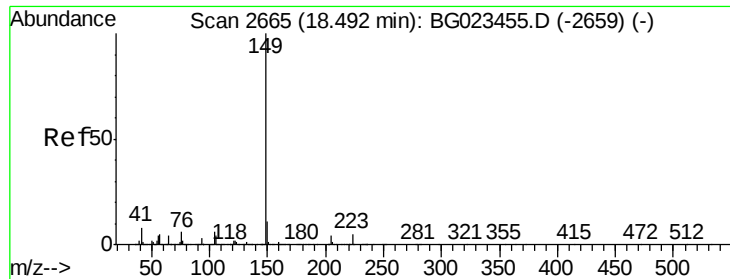


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 0.16 ng/ul

RT: 18.49 min Scan# 2665

Delta R.T. 0.00 min

Lab File: BG023459.D

Acq: 4 Aug 2016 19:47

Instrument :

BNA_G

ClientSampleId :

BDJJ3

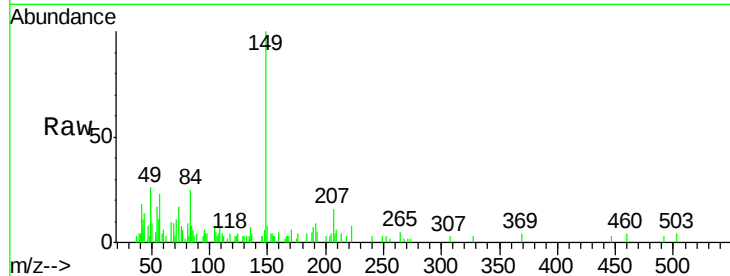
Tot Ion:149 Resp: 8807

Ion Ratio Lower Upper

149 100

150 7.9 7.1 10.7

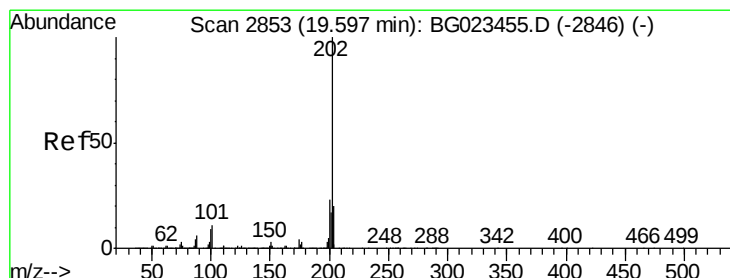
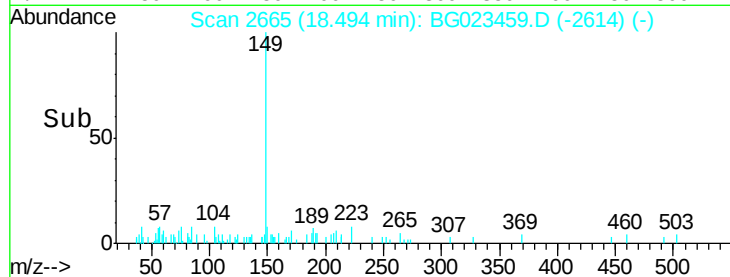
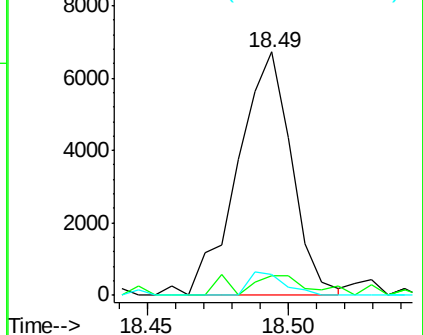
104 8.3 3.3 4.9#



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: 0.11 ng/ul

RT: 19.60 min Scan# 2854

Delta R.T. 0.01 min

Lab File: BG023459.D

Acq: 4 Aug 2016 19:47

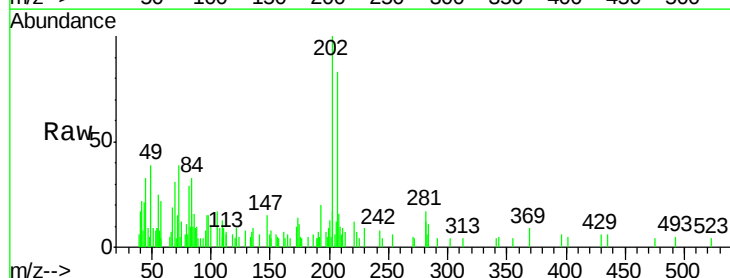
Tgt Ion:202 Resp: 6276

Ion Ratio Lower Upper

202 100

101 0.0 10.6 16.0#

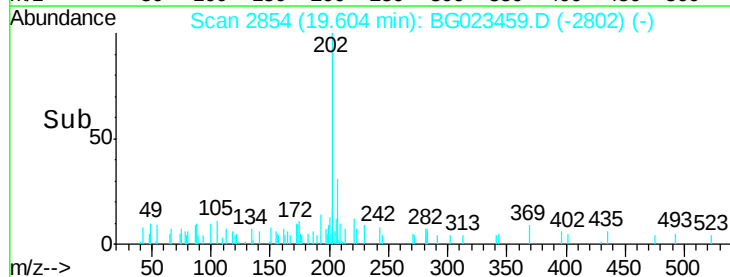
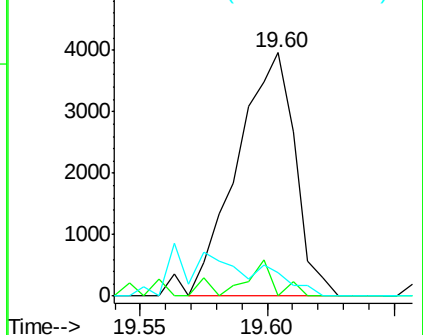
100 9.6 8.7 13.1

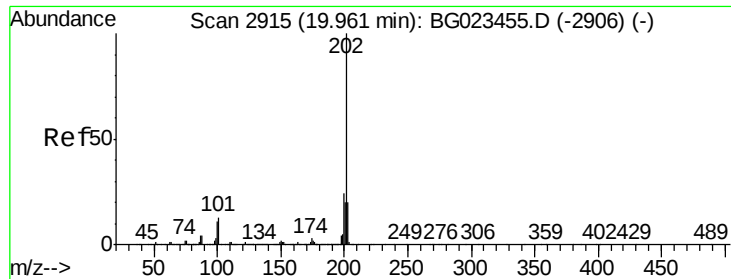


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

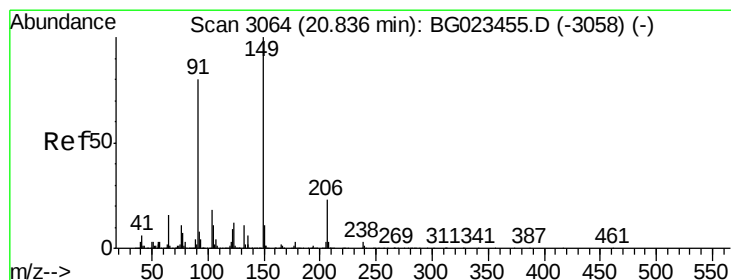
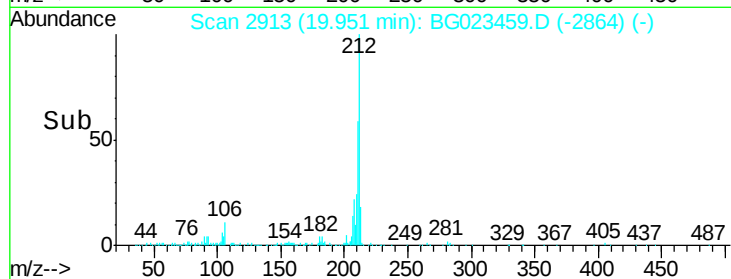
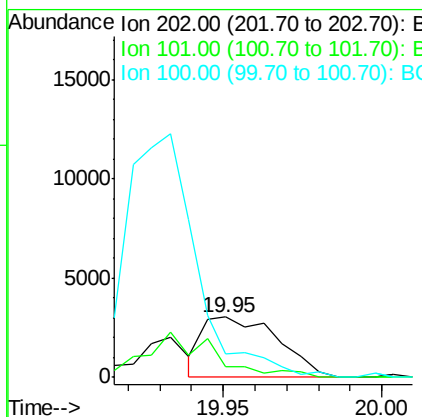
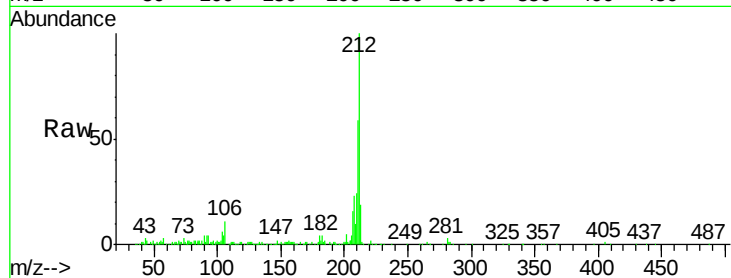




#77
Pvrene
Concen: 0.08 ng/ul
RT: 19.95 min Scan# 2913
Delta R.T. -0.01 min
Lab File: BG023459.D
Acq: 4 Aug 2016 19:47

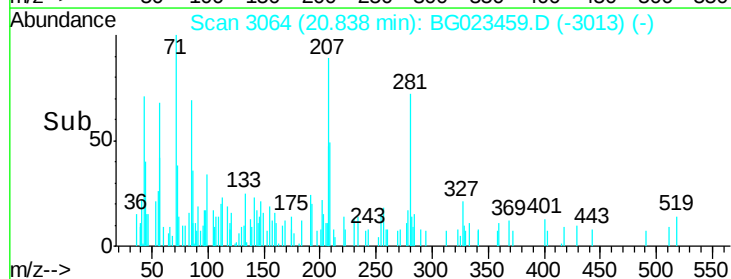
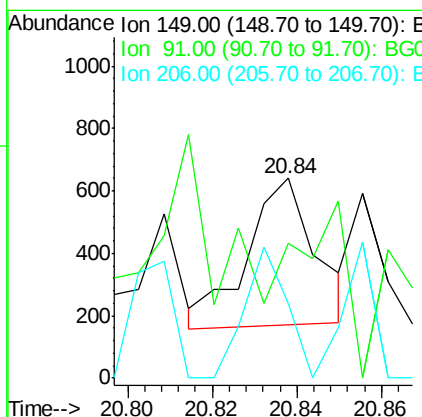
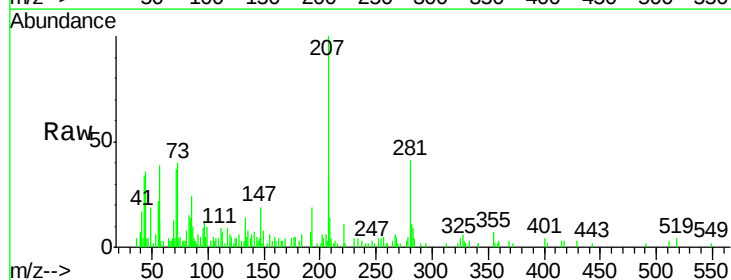
Instrument :
BNA_G
ClientSampleId :
BDJJ3

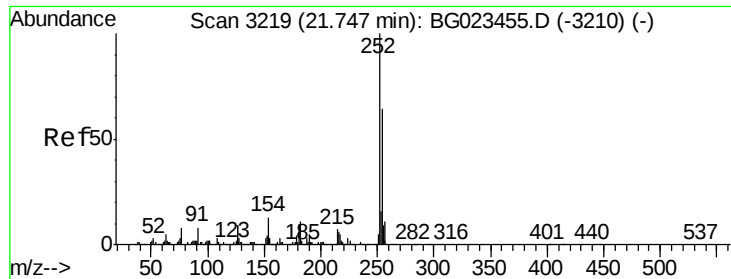
Tot Ion	Ratio	Lower	Upper
202	100		
101	16.7	12.5	18.7
100	38.9	10.2	15.4



#78
Butylbenzylphthalate
Concen: 0.02 ng/ul
RT: 20.84 min Scan# 3064
Delta R.T. 0.00 min
Lab File: BG023459.D
Acq: 4 Aug 2016 19:47

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.7	54.2	81.4
206	37.5	14.1	21.1





#79

3,3'-Dichlorobenzidine

Concen: 0.01 ng/ul

RT: 21.74 min Scan# 3218

Delta R.T. -0.00 min

Lab File: BG023459.D

Acq: 4 Aug 2016 19:47

Instrument :

BNA_G

ClientSampleId :

BDJJ3

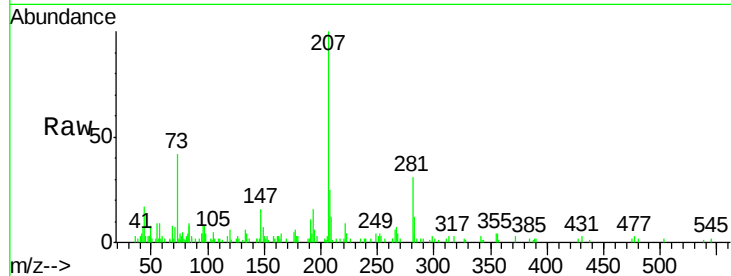
Tot Ion:252 Resp: 213

Ion Ratio Lower Upper

252 100

254 0.0 51.4 77.2#

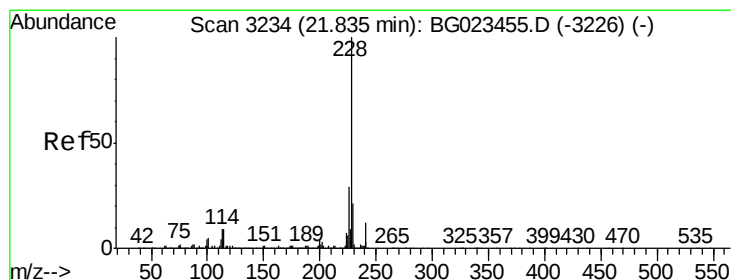
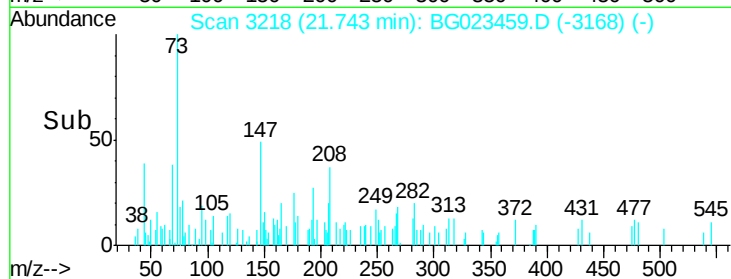
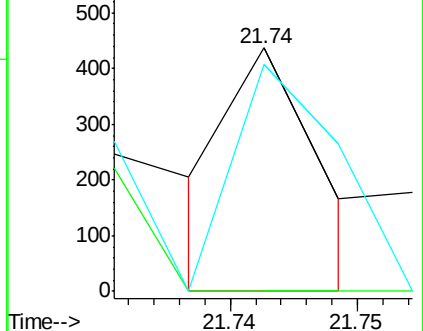
126 93.1 10.7 16.1#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#80

Benzo(a)anthracene

Concen: 0.12 ng/ul

RT: 21.84 min Scan# 3235

Delta R.T. 0.01 min

Lab File: BG023459.D

Acq: 4 Aug 2016 19:47

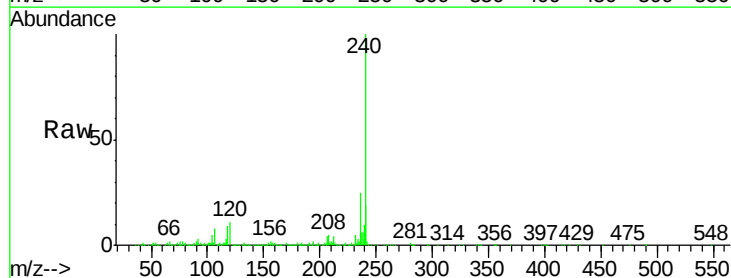
Tgt Ion:228 Resp: 7178

Ion Ratio Lower Upper

228 100

229 19.3 15.4 23.2

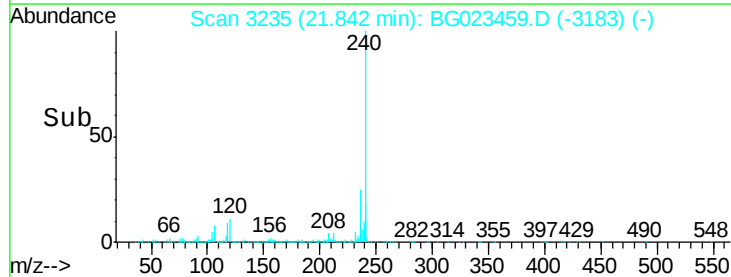
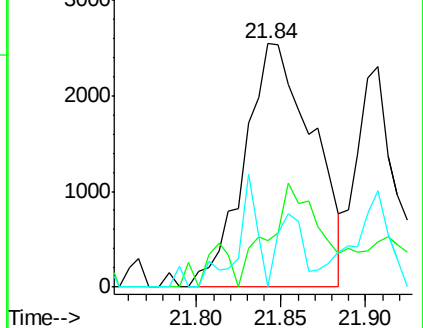
226 0.0 22.8 34.2#

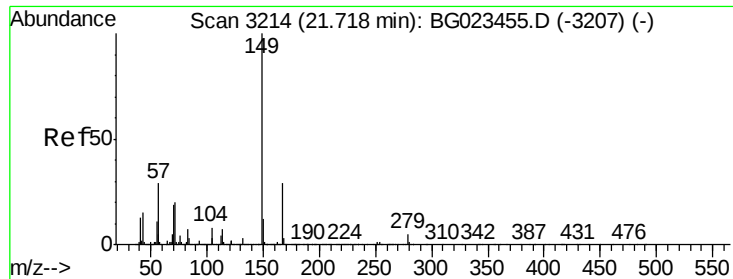


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

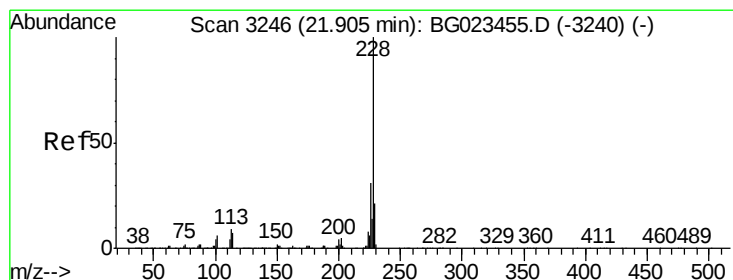
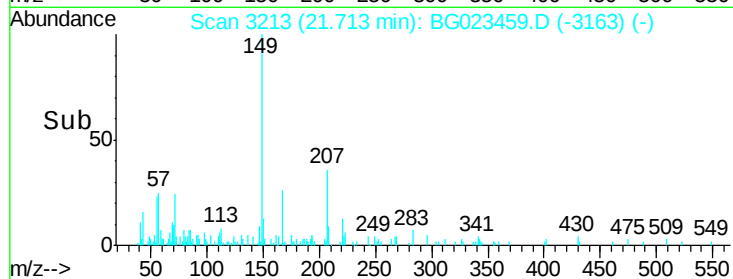
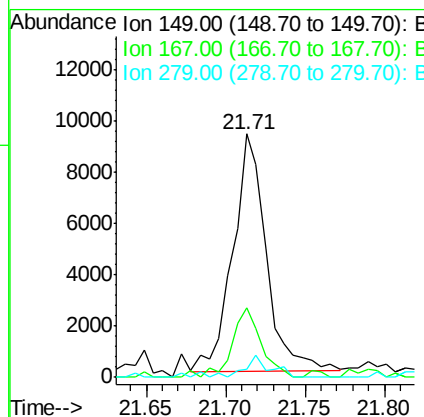
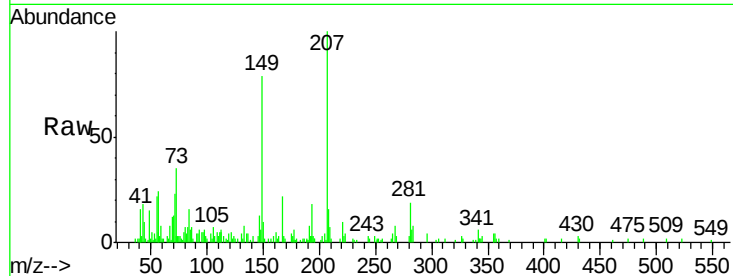




#81
 Bis(2-ethylhexyl)phthalate
 Concen: 0.40 ng/ul
 RT: 21.71 min Scan# 3213
 Delta R.T. -0.00 min
 Lab File: BG023459.D
 Acq: 4 Aug 2016 19:47

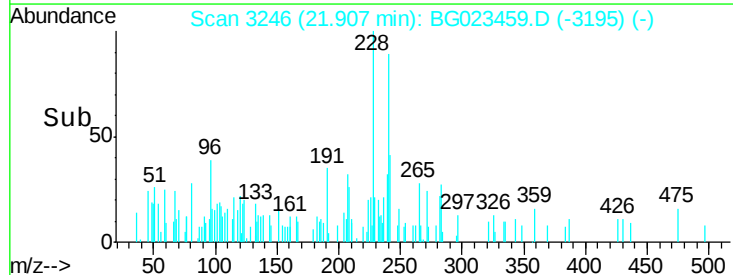
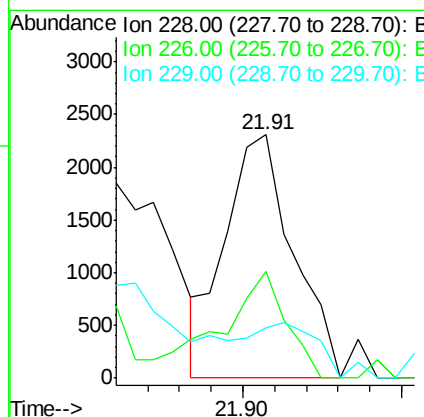
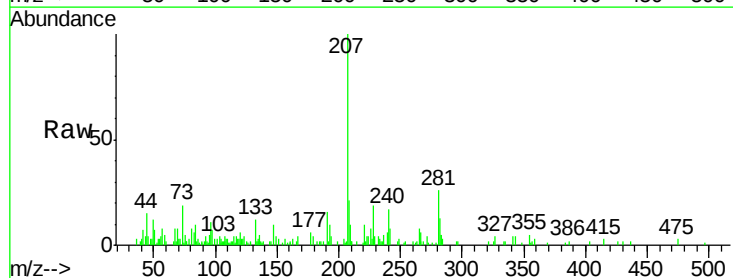
Instrument :
 BNA_G
 ClientSampleId :
 BDJJ3

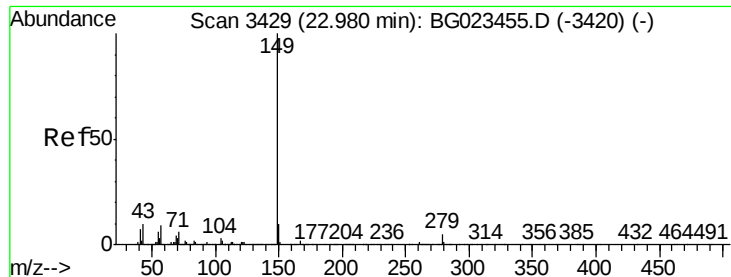
Tot Ion	149	Resp	13563
Ion Ratio	100	Lower	Upper
167	28.4	21.9	32.9
279	3.4	2.9	4.3



#82
 Chrysene
 Concen: 0.06 ng/ul
 RT: 21.91 min Scan# 3246
 Delta R.T. 0.00 min
 Lab File: BG023459.D
 Acq: 4 Aug 2016 19:47

Tgt Ion	228	Resp	3428
Ion Ratio	100	Lower	Upper
226	43.6	24.2	36.4#
229	20.5	15.0	22.6





#84

Di-n-octyl phthalate

Concen: 0.03 ng/ul

RT: 22.98 min Scan# 3429

Delta R.T. 0.00 min

Lab File: BG023459.D

Acq: 4 Aug 2016 19:47

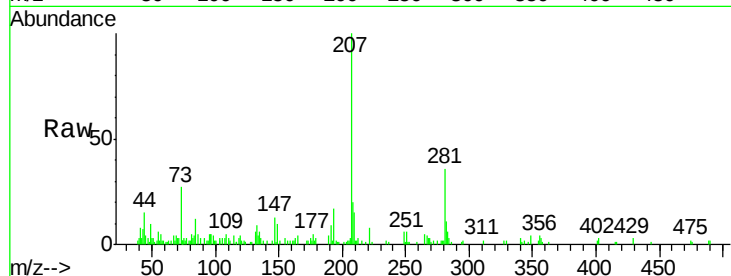
Instrument :

BNA_G

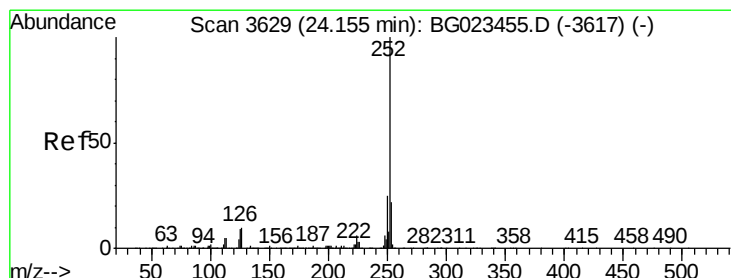
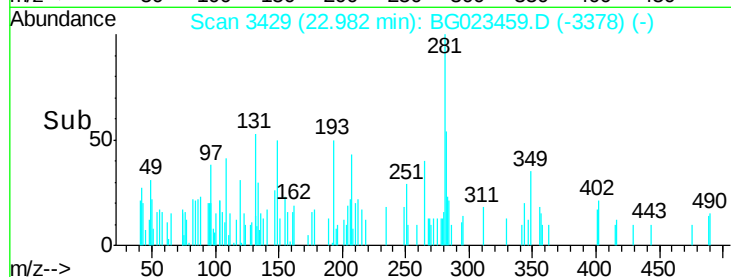
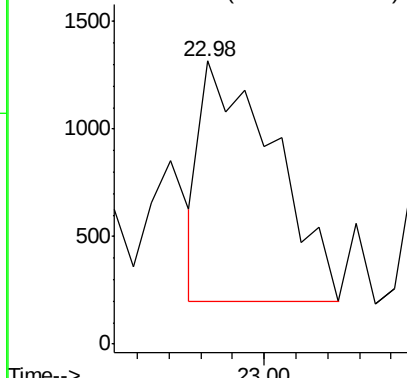
ClientSampleId :

BDJJ3

Tgt Ion:149 Resp: 1785



Abundance Ion 149.00 (148.70 to 149.70): E



#85

Benzo(b)fluoranthene

Concen: 0.02 ng/ul

RT: 24.15 min Scan# 3627

Delta R.T. -0.01 min

Lab File: BG023459.D

Acq: 4 Aug 2016 19:47

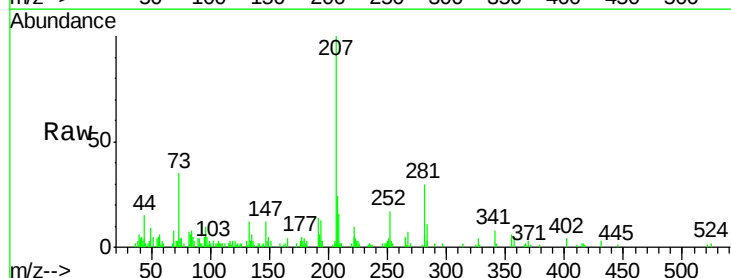
Tgt Ion:252 Resp: 1498

Ion Ratio Lower Upper

252 100

253 17.1 18.2 27.2#

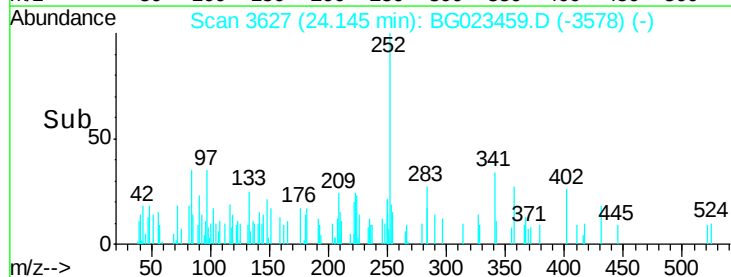
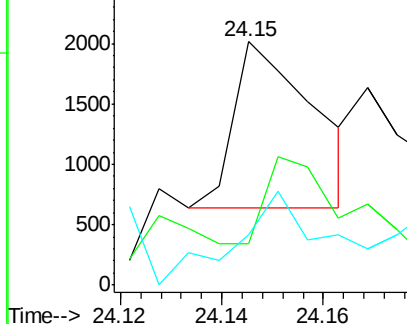
125 20.5 10.8 16.2#

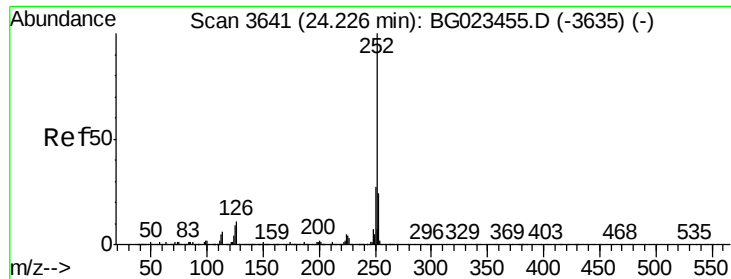


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

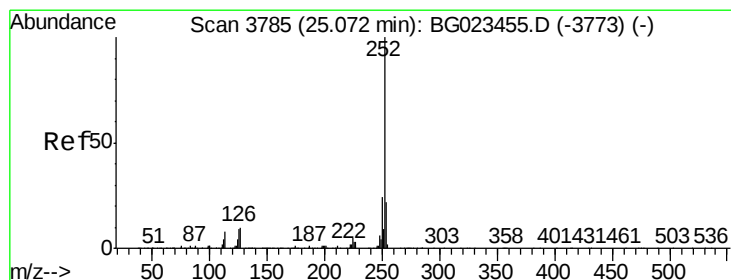
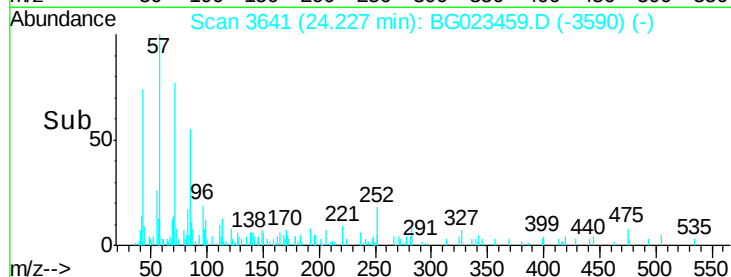
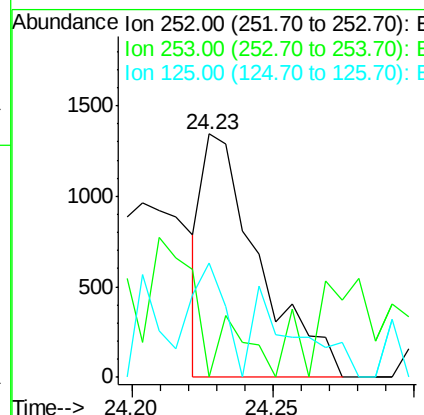
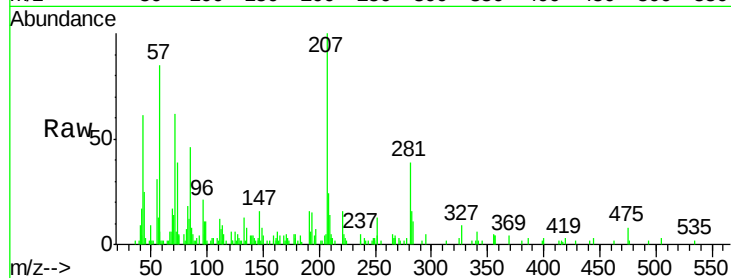




#86
Benzo(k)fluoranthene
Concen: 0.03 ng/ul
RT: 24.23 min Scan# 3641
Delta R.T. 0.00 min
Lab File: BG023459.D
Acq: 4 Aug 2016 19:47

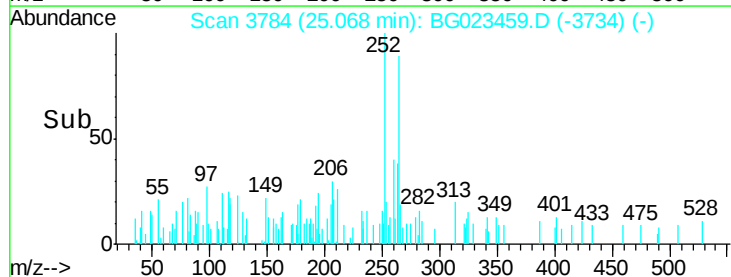
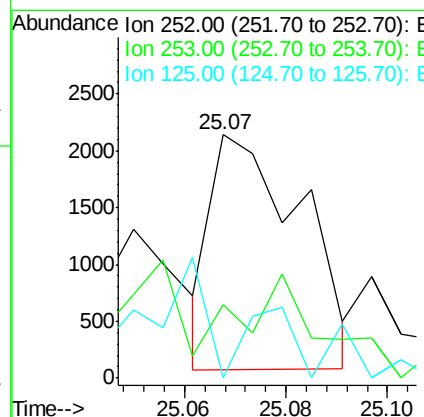
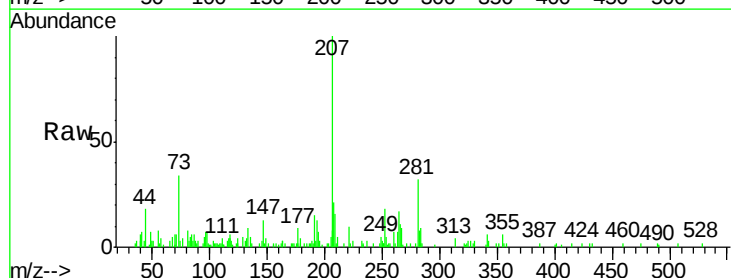
Instrument :
BNA_G
ClientSampleId :
BDJJ3

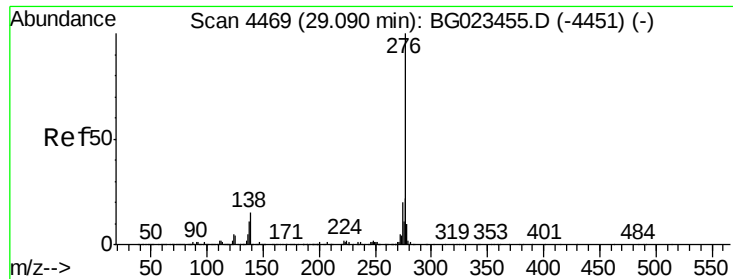
Tot Ion:252 Resp: 1862
Ion Ratio Lower Upper
252 100
253 0.0 15.8 23.6#
125 46.7 10.6 16.0#



#88
Benzo(a)pyrene
Concen: 0.04 ng/ul
RT: 25.07 min Scan# 3784
Delta R.T. -0.00 min
Lab File: BG023459.D
Acq: 4 Aug 2016 19:47

Tgt Ion:252 Resp: 2560
Ion Ratio Lower Upper
252 100
253 30.4 19.0 28.4#
125 0.0 12.0 18.0#





#89

Indeno(1,2,3-cd)pyrene

Concen: 0.04 ng/ul

RT: 29.10 min Scan# 4470

Delta R.T. 0.01 min

Lab File: BG023459.D

Acq: 4 Aug 2016 19:47

Instrument :

BNA_G

ClientSampleId :

BDJJ3

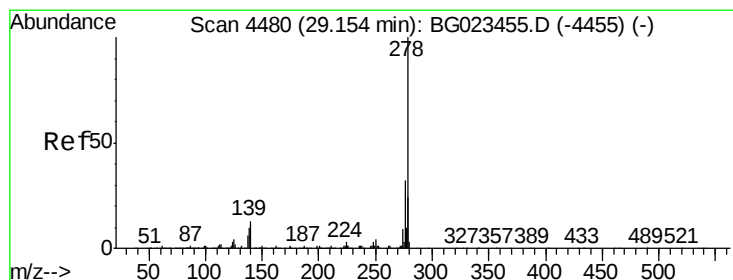
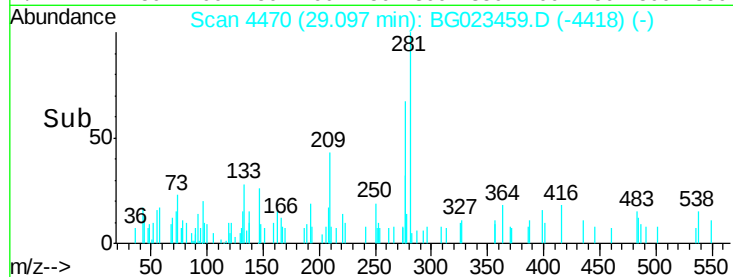
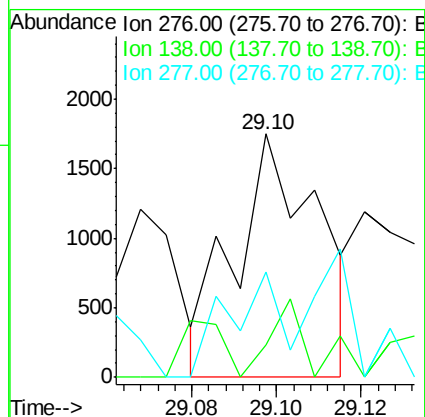
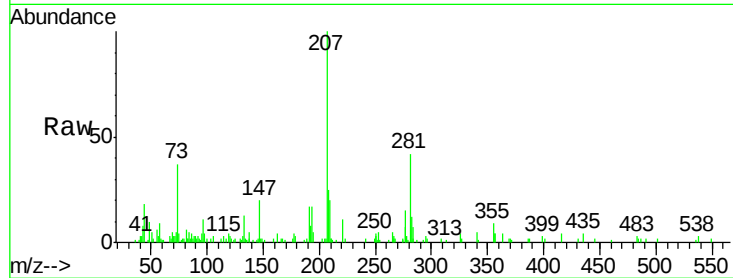
Tot Ion:276 Resp: 2384

Ion Ratio Lower Upper

276 100

138 13.4 20.8 31.2#

277 43.4 17.6 26.4#



#90

Dibenzo(a,h)anthracene

Concen: 0.01 ng/ul

RT: 29.15 min Scan# 4479

Delta R.T. -0.00 min

Lab File: BG023459.D

Acq: 4 Aug 2016 19:47

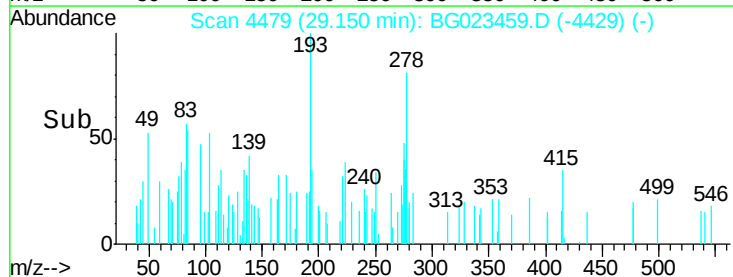
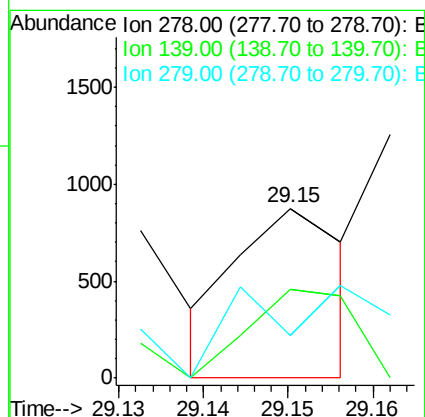
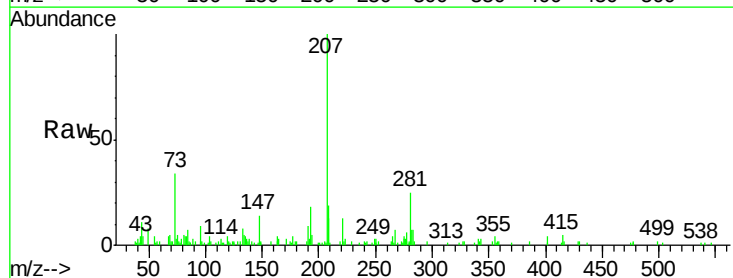
Tgt Ion:278 Resp: 780

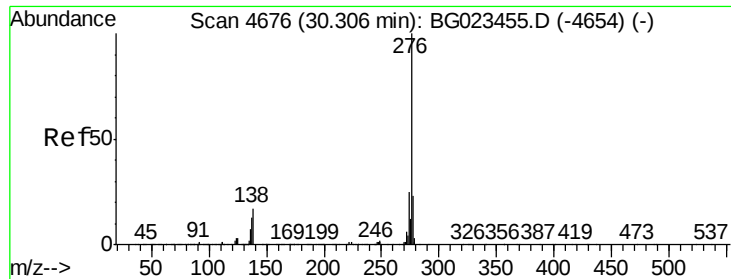
Ion Ratio Lower Upper

278 100

139 51.9 16.3 24.5#

279 24.8 19.1 28.7

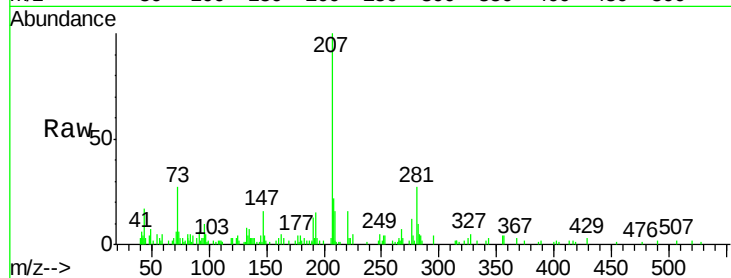




#91
 Benzo(a,h,i)perylene
 Concen: 0.04 ng/ul
 RT: 30.31 min Scan# 4676
 Delta R.T. 0.00 min
 Lab File: BG023459.D
 Acq: 4 Aug 2016 19:47

Instrument :
 BNA_G
 ClientSampleId :
 BDJJ3

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.5	22.1	33.1
277	32.8	17.0	25.4



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

