

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080416\
 Data File : BG023465.D
 Acq On : 4 Aug 2016 23:47
 Operator : UM/SJ
 Sample : H4208-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDJJ9

Quant Time: Aug 05 02:35:55 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	106430	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	525096	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	405139	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.54	188	1083916	20.00	ng/ul	0.00
75) Chrysene-d12	21.86	240	1094377	20.00	ng/ul	0.00
83) Perylene-d12	25.24	264	1056307	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.49	96	5725	2.29	ng/uL	0.00
5) Phenol-d5	7.27	99	293296	27.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	215920	31.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.65	132	207629	28.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	245153	29.29	ng/ul	0.00
19) Nitrobenzene-d5	9.36	128	749	0.18	ng/ul	0.07
22) 2-Nitrophenol-d4	10.02	143	136768	28.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	247441	27.60	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	324932	30.89	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	983484	29.65	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	1085847	29.09	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	105360	18.61	ng/ul	0.00
57) Fluorene-d10	15.78	176	895018	29.20	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	132220	19.01	ng/ul	0.00
70) Anthracene-d10	17.64	188	1424180	29.16	ng/ul	0.00
76) Pyrene-d10	19.93	212	1601730	28.91	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.00	264	1439792	30.11	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.53	88	389	0.15 ng/uL#	47
4) Benzaldehyde	7.25	77	58	0.01 ng/ul#	1
6) Phenol	7.29	94	6265	0.56 ng/ul#	65
8) Bis(2-Chloroethyl)ether	7.53	93	711	0.09 ng/ul#	88
10) 2-Chlorophenol	7.89	128	60	0.01 ng/ul#	36
11) 2-Methylphenol	8.58	108	215	0.03 ng/ul#	1
12) 2,2'-oxybis(1-Chloropropan	8.47	45	125	0.01 ng/ul#	1
14) Acetophenone	8.96	105	1765	0.13 ng/ul#	40
15) N-Nitroso-di-n-propylamine	8.92	70	162	0.02 ng/ul#	46
16) 4-Methylphenol	8.90	108	145	0.02 ng/ul	92
17) Hexachloroethane	9.17	117	230	0.07 ng/ul#	10
20) Nitrobenzene	9.30	77	643	0.05 ng/ul#	12
21) Isophorone	9.84	82	158	0.01 ng/ul#	64
23) 2-Nitrophenol	10.15	139	240	0.05 ng/ul#	42
24) 2,4-Dimethylphenol	10.09	107	191	0.02 ng/ul#	13
25) Bis(2-Chloroethoxy)methane	10.31	93	100	0.01 ng/ul#	49
27) 2,4-Dichlorophenol	10.58	162	141	0.02 ng/ul#	1
28) Naphthalene	11.00	128	185	0.01 ng/ul#	67
30) 4-Chloroaniline	11.09	127	436	0.04 ng/ul#	41
32) Caprolactam	11.96	113	80	0.02 ng/ul#	1
34) 2-Methylnaphthalene	12.83	142	113	0.01 ng/ul#	3
36) 1,2,4,5-Tetrachlorobenzene	12.85	216	126	0.01 ng/ul#	26
38) 2,4,6-Trichlorophenol	13.29	196	127	0.01 ng/ul#	12

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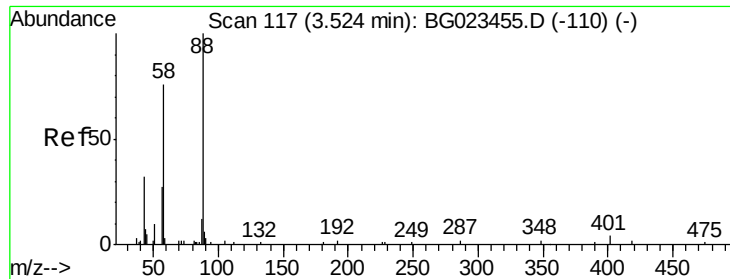
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) 2,4,5-Trichlorophenol	13.29	196	127	0.01	ng/ul#	10
40) 1,1'-Biphenyl	13.81	154	142	0.00	ng/ul#	41
41) 2-Chloronaphthalene	13.46	162	164	0.01	ng/ul#	57
42) 2-Nitroaniline	13.87	65	72	0.01	ng/ul#	1
44) Dimethylphthalate	14.22	163	592035	18.02	ng/ul	99
45) 2,6-Dinitrotoluene	14.30	165	441	0.06	ng/ul#	34
47) Acenaphthylene	14.51	152	316	0.01	ng/ul#	1
48) 3-Nitroaniline	14.67	138	85	0.01	ng/ul#	86
49) Acenaphthene	14.84	153	367	0.01	ng/ul#	78
50) 2,4-Dinitrophenol	15.12	184	159	0.04	ng/ul#	23
52) 4-Nitrophenol	15.03	109	131	0.02	ng/ul#	7
53) Dibenzofuran	15.19	168	372	0.01	ng/ul#	65
54) 2,4-Dinitrotoluene	14.92	165	130	0.01	ng/ul#	28
56) Diethylphthalate	15.59	149	3183	0.09	ng/ul#	71
58) Fluorene	15.82	166	119	0.00	ng/ul#	75
60) 4-Nitroaniline	15.88	138	301	0.04	ng/ul#	1
63) 4,6-Dinitro-2-methylphenol	15.90	198	722	0.10	ng/ul#	1
64) N-Nitrosodiphenylamine	16.07	169	184	0.01	ng/ul#	36
67) Atrazine	16.84	200	203	0.02	ng/ul#	1
68) Pentachlorophenol	17.39	266	62	0.01	ng/ul#	14
69) Phenanthrene	17.58	178	9576	0.17	ng/ul#	88
71) Anthracene	17.67	178	1008	0.02	ng/ul#	91
72) Carbazole	17.96	167	633	0.01	ng/ul#	88
73) Di-n-butylphthalate	18.49	149	9766	0.17	ng/ul#	88
74) Fluoranthene	19.59	202	22803	0.40	ng/ul#	95
77) Pyrene	19.96	202	20418	0.30	ng/ul#	90
78) Butylbenzylphthalate	20.83	149	1054	0.04	ng/ul#	80
79) 3,3'-Dichlorobenzidine	21.76	252	383	0.02	ng/ul#	26
80) Benzo(a)anthracene	21.84	228	13973	0.23	ng/ul#	86
81) Bis(2-ethylhexyl)phthalate	21.72	149	8990	0.26	ng/ul#	88
82) Chrysene	21.90	228	9519	0.17	ng/ul#	92
84) Di-n-octyl phthalate	22.98	149	1302	0.02	ng/ul	100
85) Benzo(b)fluoranthene	24.15	252	11298	0.19	ng/ul#	86
86) Benzo(k)fluoranthene	24.22	252	3738	0.06	ng/ul#	66
88) Benzo(a)pyrene	25.06	252	6167	0.11	ng/ul#	90
89) Indeno(1,2,3-cd)pyrene	29.09	276	1766	0.03	ng/ul#	48
90) Dibenzo(a,h)anthracene	29.15	278	683	0.01	ng/ul#	78
91) Benzo(g,h,i)perylene	30.31	276	584	0.01	ng/ul#	82

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



#2

1,4-Dioxane

Concen: 0.15 ng/uL

RT: 3.53 min Scan# 117

Delta R.T. 0.00 min

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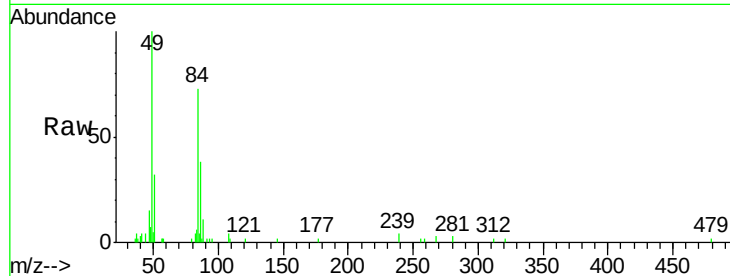
Tot Ion: 88 Resp: 389

Ion Ratio Lower Upper

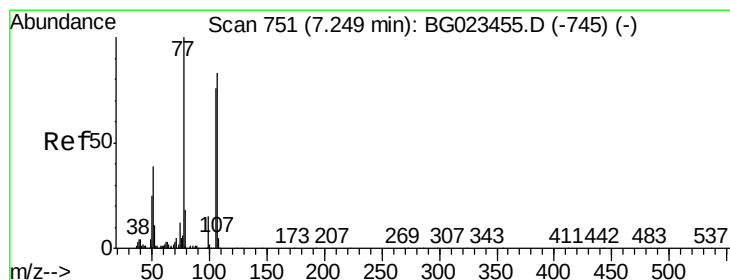
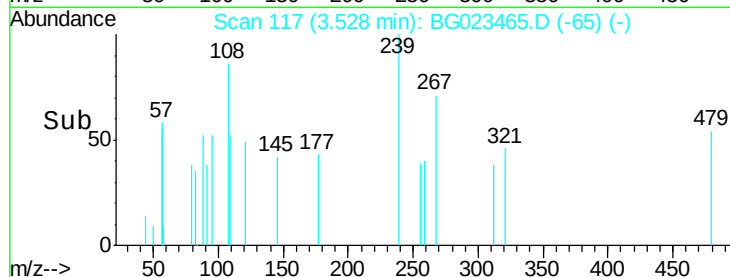
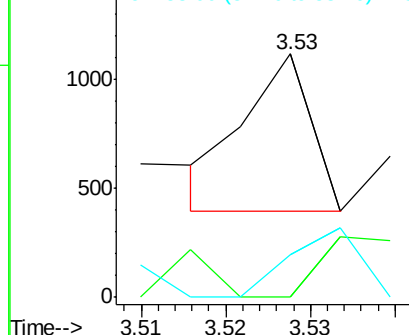
88 100

43 0.0 16.6 24.8#

58 17.3 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: BG023465.D

Acq: 4 Aug 2016 23:47

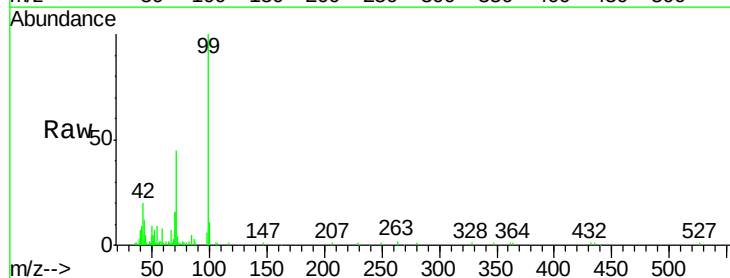
Tgt Ion: 77 Resp: 58

Ion Ratio Lower Upper

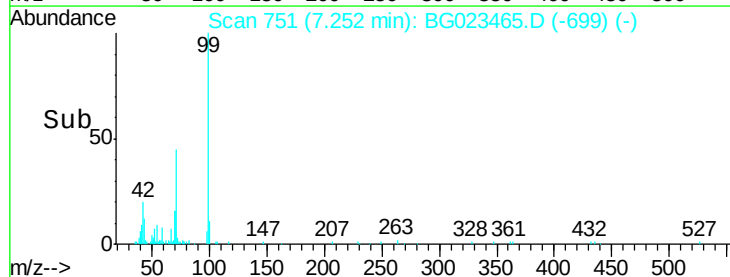
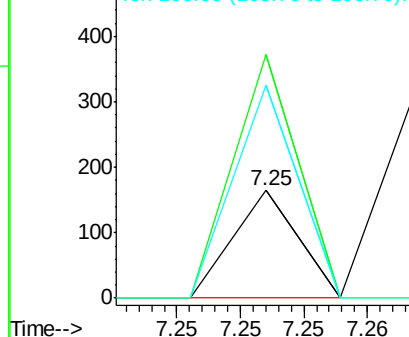
77 100

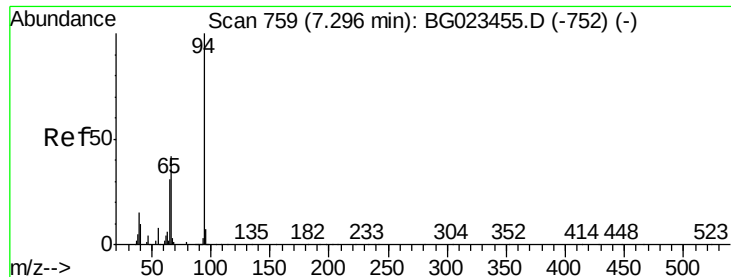
105 225.5 83.8 125.8#

106 197.0 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: 0.56 ng/ul

RT: 7.29 min Scan# 758

Delta R.T. -0.00 min

Lab File: BG023465.D

Acq: 4 Aug 2016 23:47

Instrument :

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BDJJ9

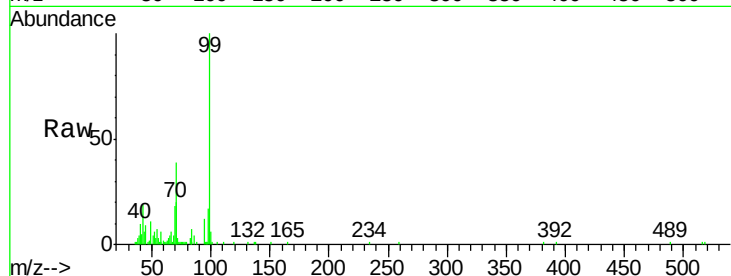
Tot Ion: 94 Resp: 6265

Ion Ratio Lower Upper

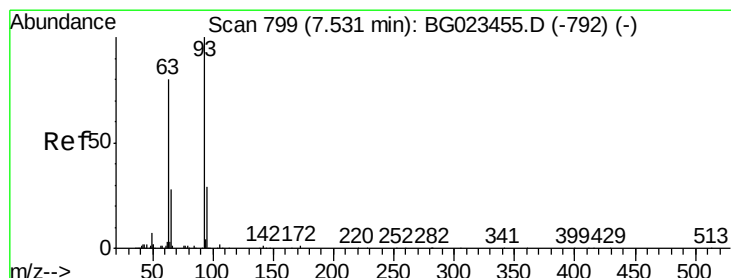
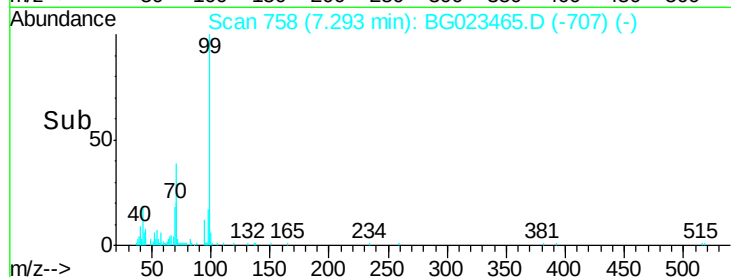
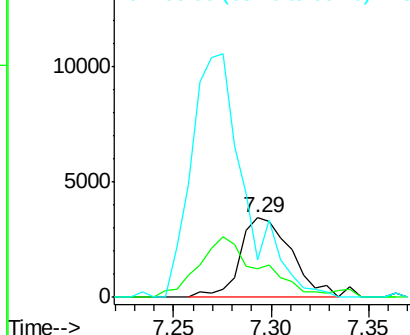
94 100

65 36.7 16.8 25.2#

66 47.7 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: BG023465.D

Acq: 4 Aug 2016 23:47

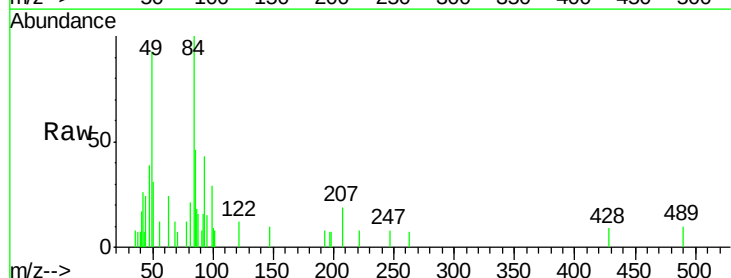
Tgt Ion: 93 Resp: 711

Ion Ratio Lower Upper

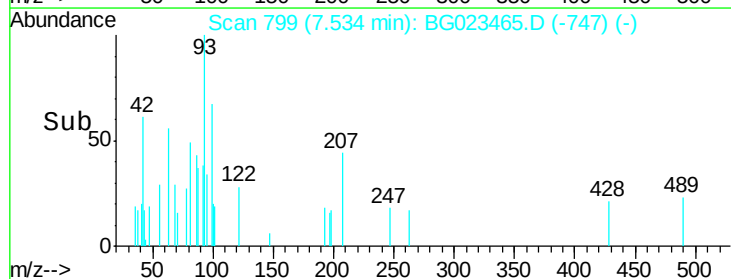
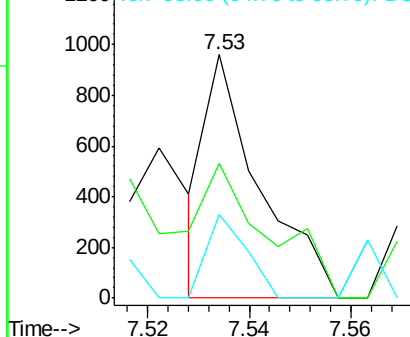
93 100

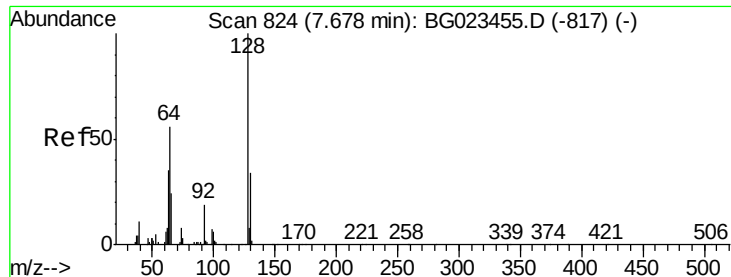
63 55.6 56.0 84.0#

95 34.3 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

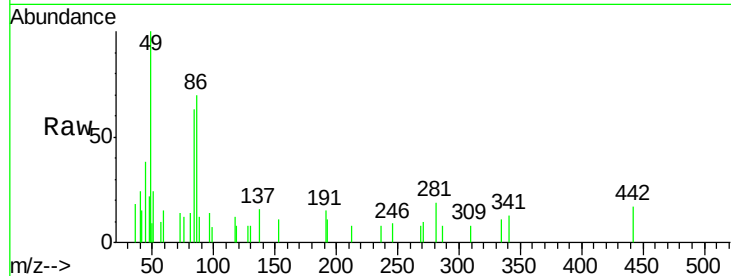




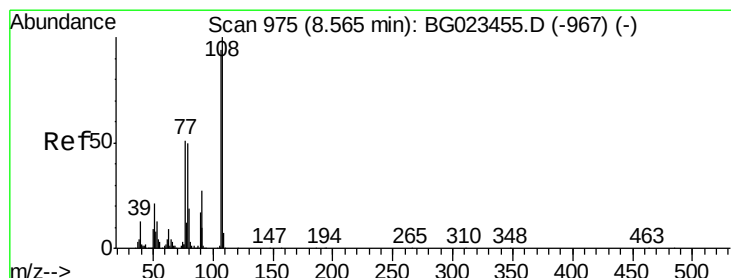
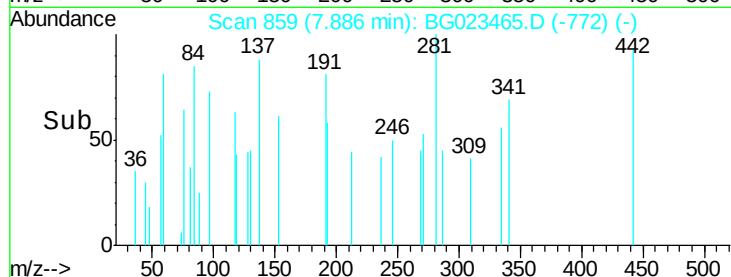
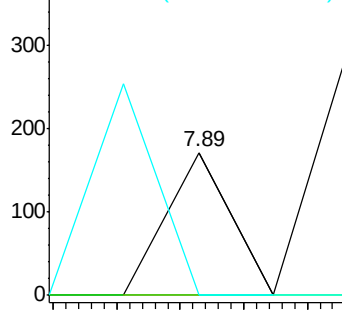
#10
2-Chlorophenol
Concen: 0.01 ng/ul
RT: 7.89 min Scan# 859
Delta R.T. 0.21 min
Lab File: BG023465.D
Acq: 4 Aug 2016 23:47

Instrument :
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ClientSampleId :
BDJJ9

Tot Ion:128 Resp: 60
Ion Ratio Lower Upper
128 100
64 0.0 34.2 51.4#
130 0.0 27.0 40.4#

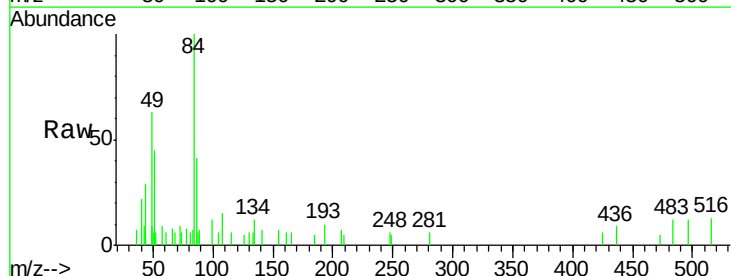


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 130.00 (129.70 to 130.70): E

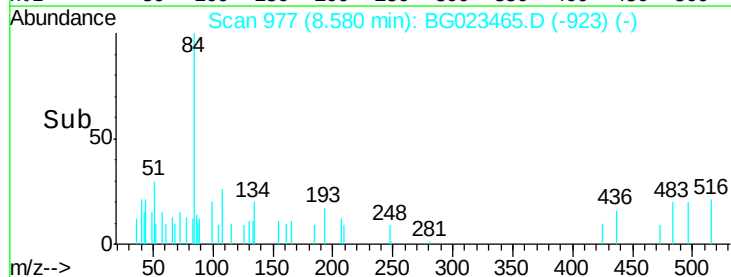
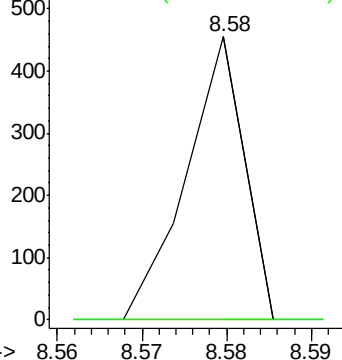


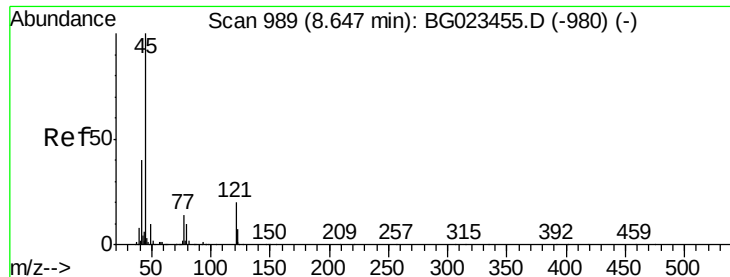
#11
2-Methylphenol
Concen: 0.03 ng/ul
RT: 8.58 min Scan# 977
Delta R.T. 0.01 min
Lab File: BG023465.D
Acq: 4 Aug 2016 23:47

Tgt Ion:108 Resp: 215
Ion Ratio Lower Upper
108 100
107 0.0 78.6 117.8#



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

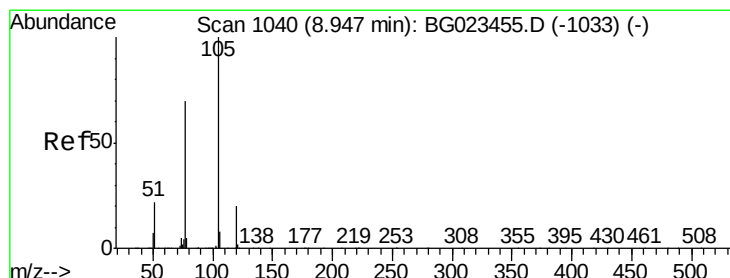
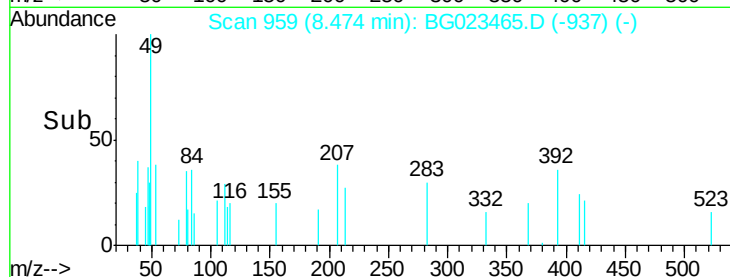
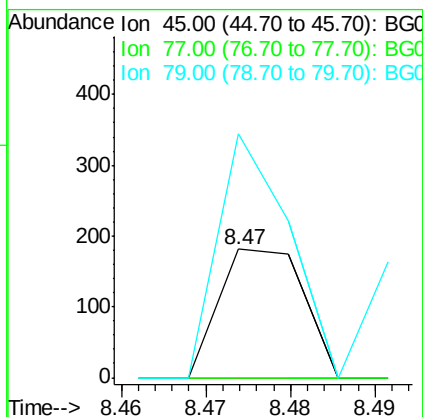
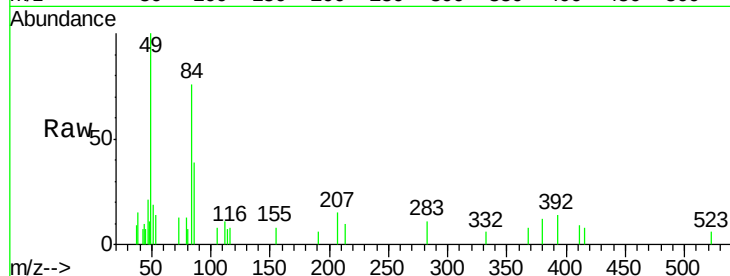




#12
2,2'-oxvbis(1-Chloropropane)
Concen: 0.01 ng/ul
RT: 8.47 min Scan# 959
Delta R.T. -0.17 min
Lab File: BG023465.D
Acq: 4 Aug 2016 23:47

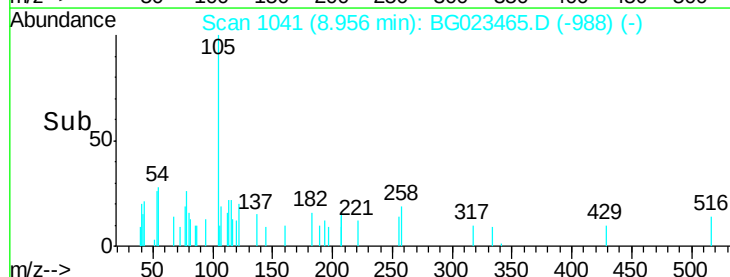
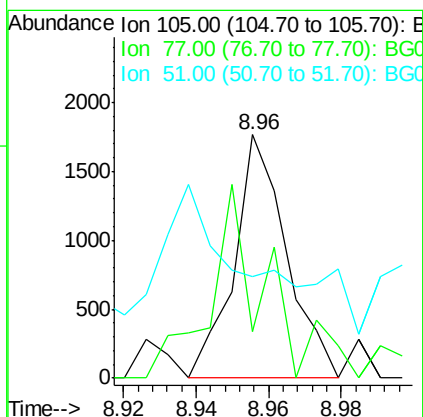
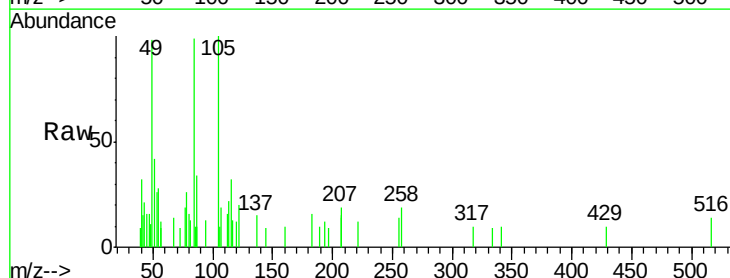
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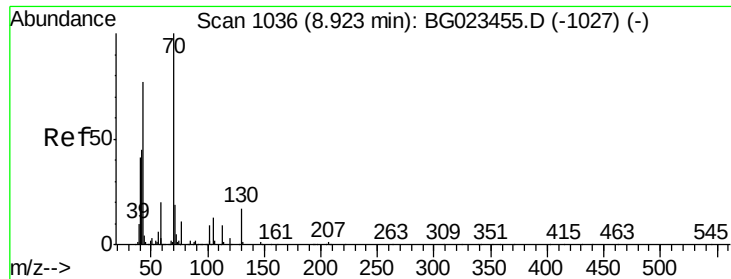
Tot Ion	Ratio	Lower	Upper
45	100		
77	0.0	13.4	20.2#
79	190.1	10.2	15.4#



#14
Acetophenone
Concen: 0.13 ng/ul
RT: 8.96 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BG023465.D
Acq: 4 Aug 2016 23:47

Tgt Ion	Ratio	Lower	Upper
105	100		
77	18.9	56.1	84.1#
51	41.8	14.6	22.0#

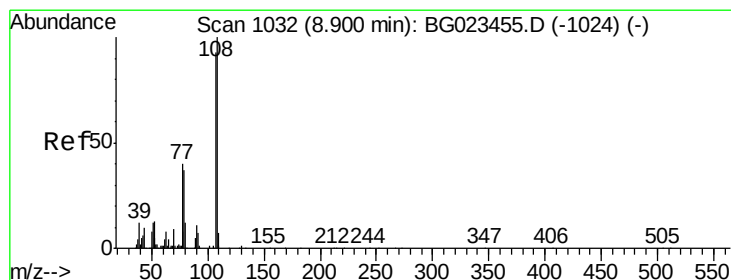
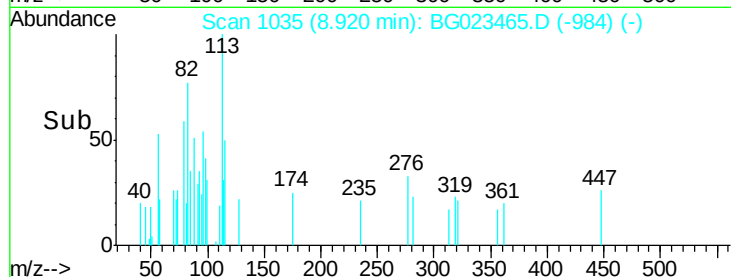
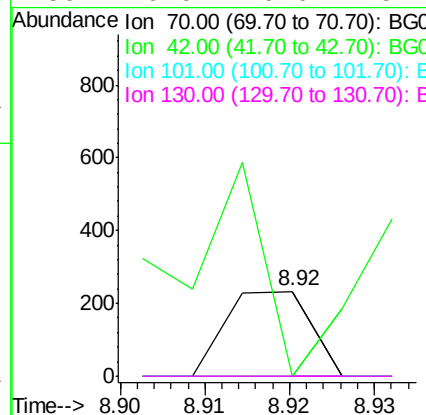
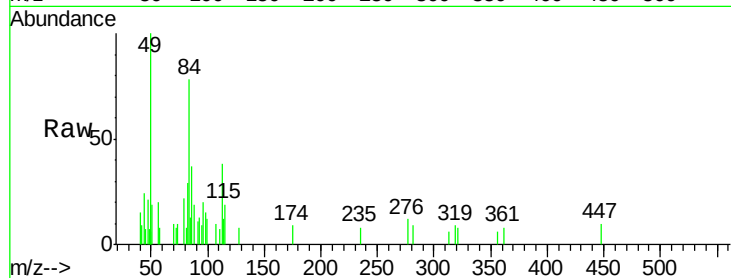




#15
N-Nitroso-di-n-propylamine
Concen: 0.02 ng/ul
RT: 8.92 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BG023465.D
Acq: 4 Aug 2016 23:47

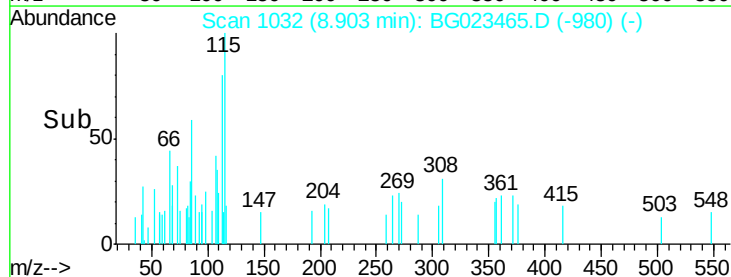
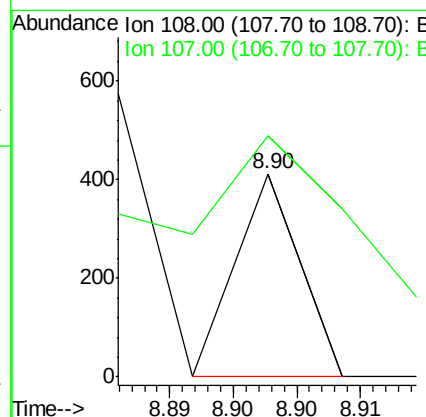
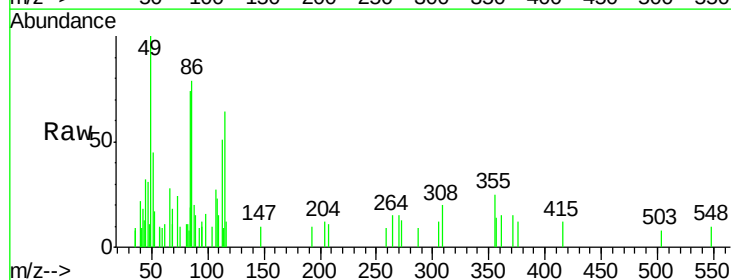
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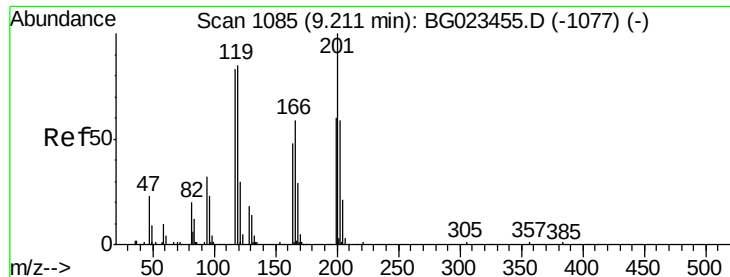
Tot Ion: 70 Resp: 162
Ion Ratio Lower Upper
70 100
42 0.0 31.4 47.2#
101 0.0 8.6 13.0#
130 0.0 19.0 28.4#



#16
4-Methylphenol
Concen: 0.02 ng/ul
RT: 8.90 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BG023465.D
Acq: 4 Aug 2016 23:47

Tgt Ion: 108 Resp: 145
Ion Ratio Lower Upper
108 100
107 118.9 88.3 132.5





#17

Hexachloroethane

Concen: 0.07 ng/ul

RT: 9.17 min Scan# 1078

Delta R.T. -0.04 min

Lab File: BG023465.D

Acq: 4 Aug 2016 23:47

Instrument :

BNA_G

ClientSampled :

BDJJ9

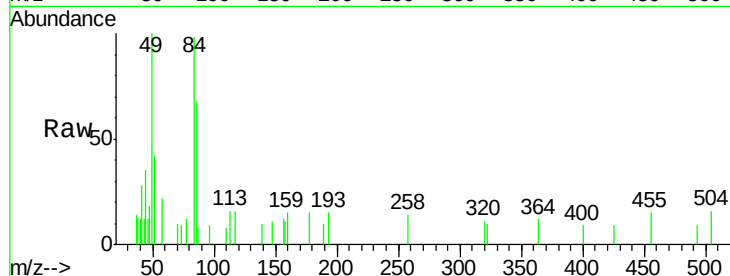
Tot Ion:117 Resp: 230

Ion Ratio Lower Upper

117 100

201 0.0 76.8 115.2#

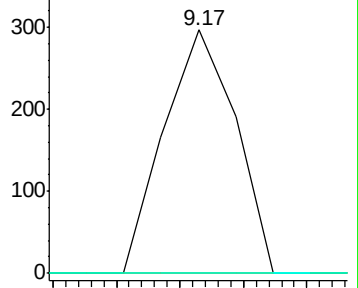
199 0.0 43.5 65.3#



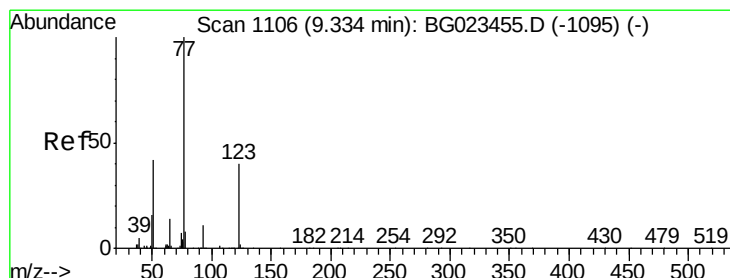
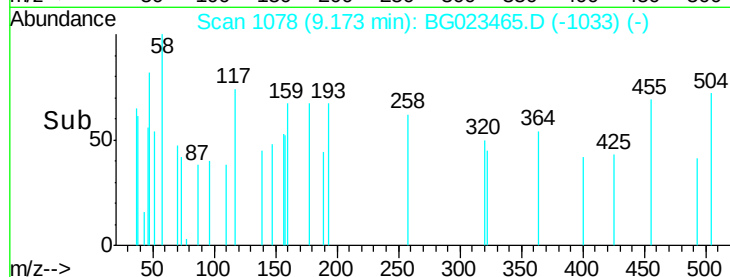
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



Time--> 9.15 9.16 9.17 9.18 9.19



#20

Nitrobenzene

Concen: 0.05 ng/ul

RT: 9.30 min Scan# 1099

Delta R.T. -0.04 min

Lab File: BG023465.D

Acq: 4 Aug 2016 23:47

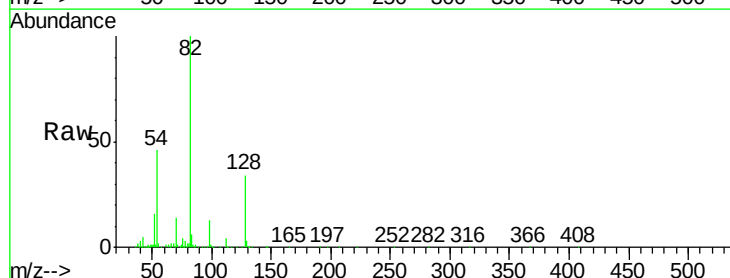
Tgt Ion: 77 Resp: 643

Ion Ratio Lower Upper

77 100

123 0.0 39.5 59.3#

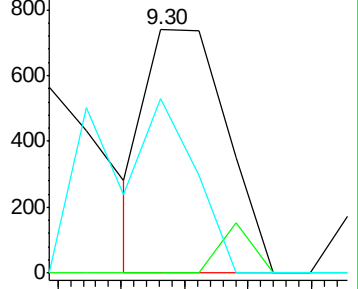
65 71.9 9.0 13.4#



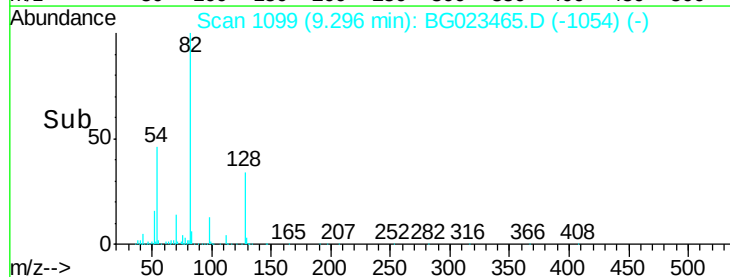
Abundance Ion 77.00 (76.70 to 77.70): BGC

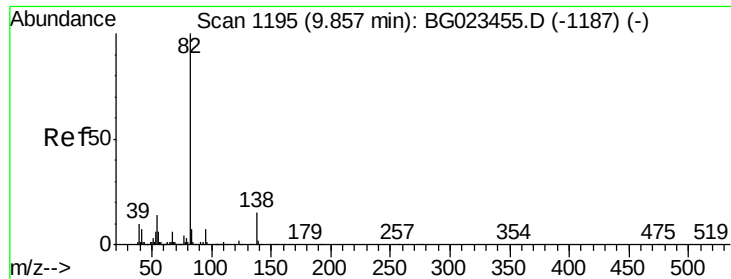
Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BGC



Time--> 9.28 9.29 9.30 9.31 9.32





#21

Isophorone

Concen: 0.01 ng/ul

RT: 9.84 min Scan# 1191

Delta R.T. -0.02 min

Lab File: BG023465.D

Acq: 4 Aug 2016 23:47

Instrument :

BNA_G

ClientSampleId :

BDJJ9

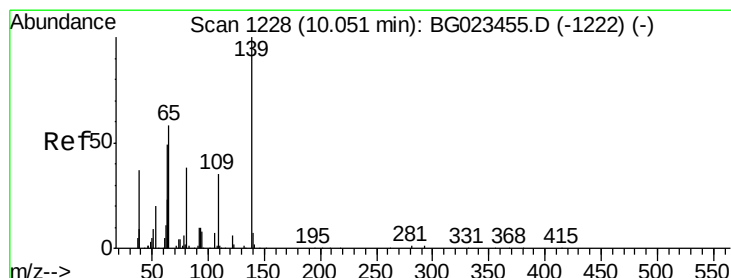
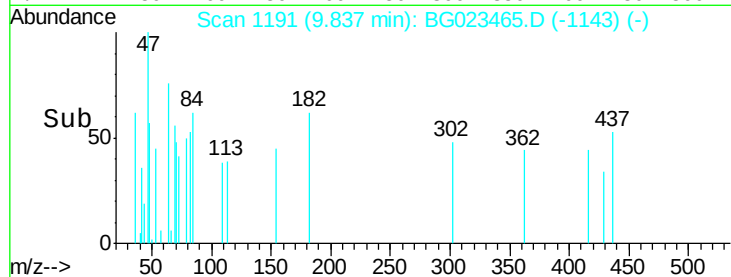
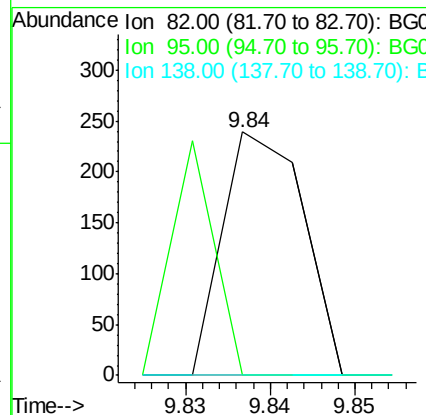
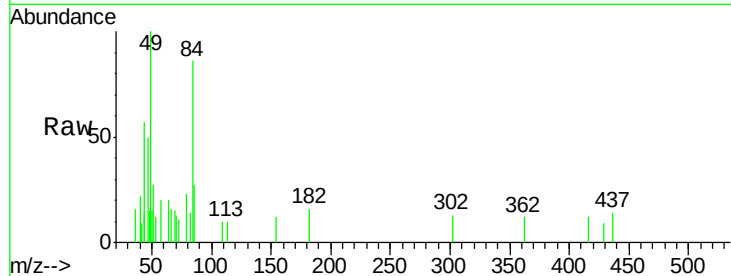
Tot Ion: 82 Resp: 158

Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

138 0.0 15.0 22.6#



#23

2-Nitrophenol

Concen: 0.05 ng/ul

RT: 10.15 min Scan# 1245

Delta R.T. 0.10 min

Lab File: BG023465.D

Acq: 4 Aug 2016 23:47

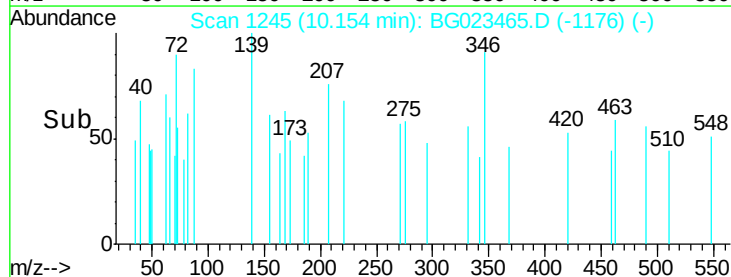
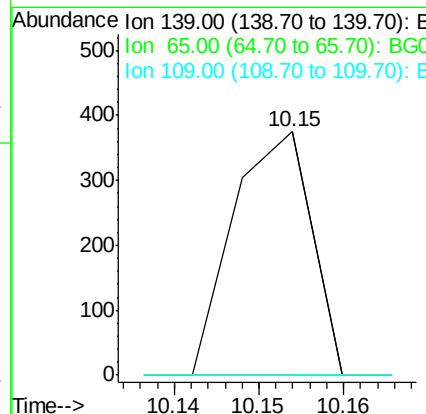
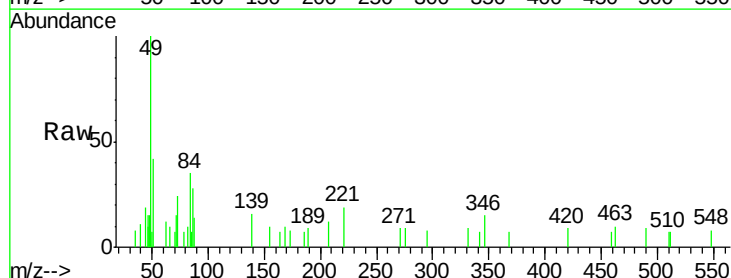
Tgt Ion: 139 Resp: 240

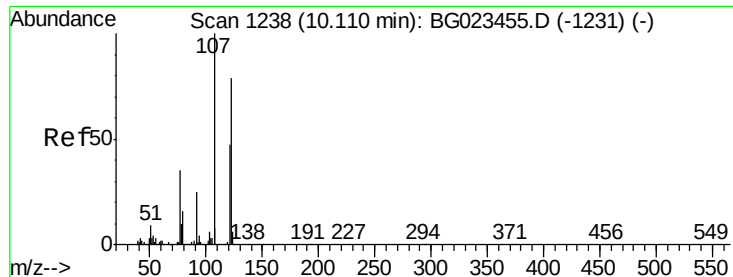
Ion Ratio Lower Upper

139 100

65 0.0 31.8 47.8#

109 0.0 17.1 25.7#





#24

2,4-Dimethylphenol

Concen: 0.02 ng/ul

RT: 10.09 min Scan# 1234

Delta R.T. -0.02 min

Lab File: BG023465.D

Acq: 4 Aug 2016 23:47

Instrument :

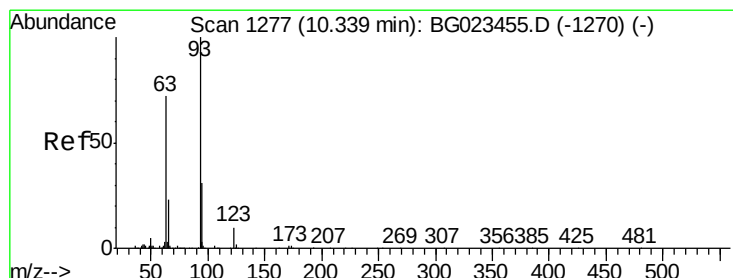
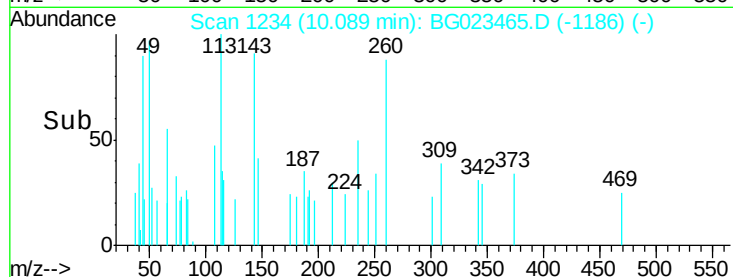
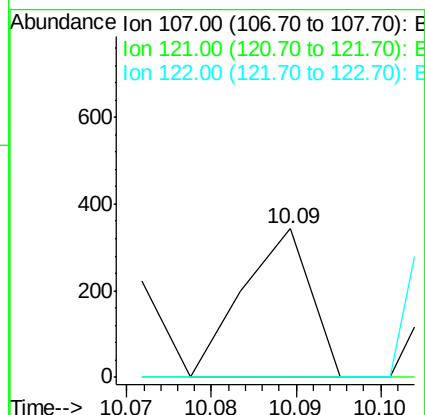
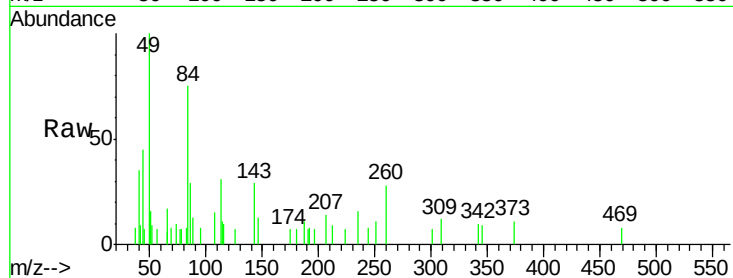
BNA_G

ClientSampled :

BDJJ9

Tot Ion: 107 Resp: 191

Ion	Ratio	Lower	Upper
107	100		
121	0.0	43.7	65.5#
122	0.0	70.3	105.5#



#25

Bis(2-Chloroethoxy)methane

Concen: 0.01 ng/ul

RT: 10.31 min Scan# 1271

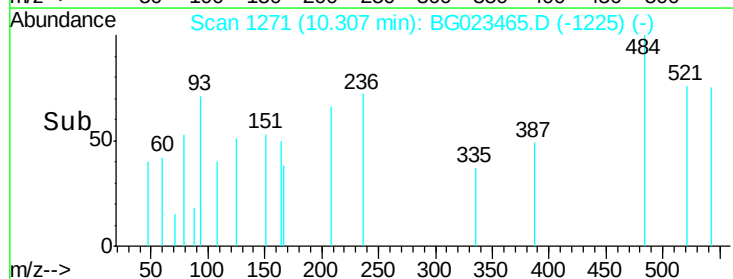
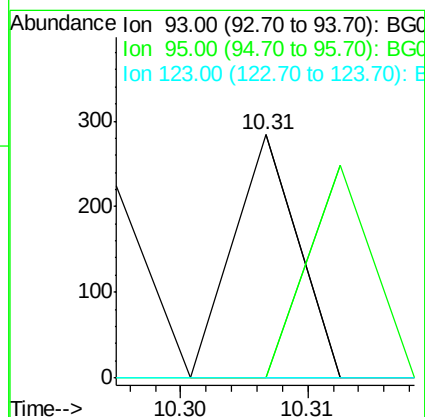
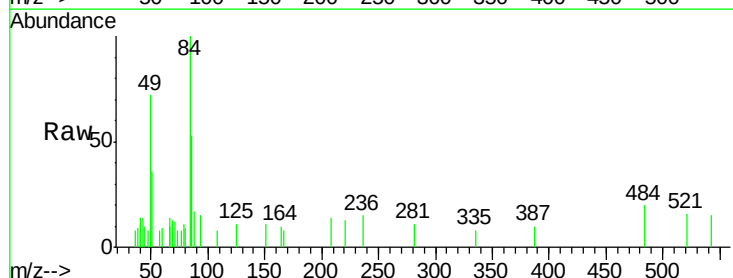
Delta R.T. -0.03 min

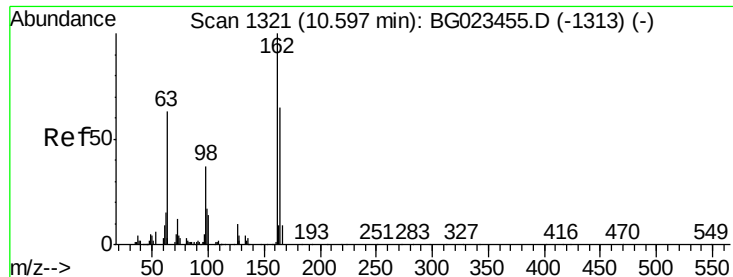
Lab File: BG023465.D

Acq: 4 Aug 2016 23:47

Tgt Ion: 93 Resp: 100

Ion	Ratio	Lower	Upper
93	100		
95	0.0	26.0	39.0#
123	0.0	10.1	15.1#

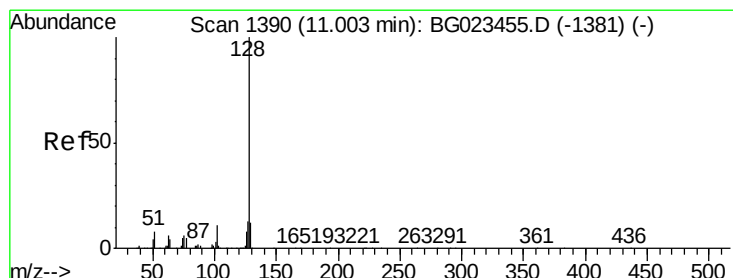
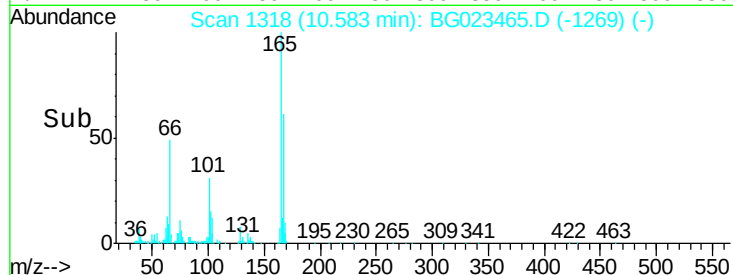
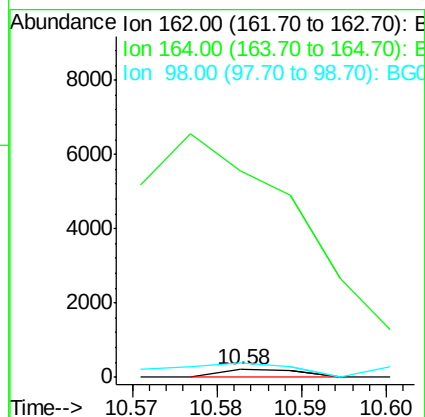
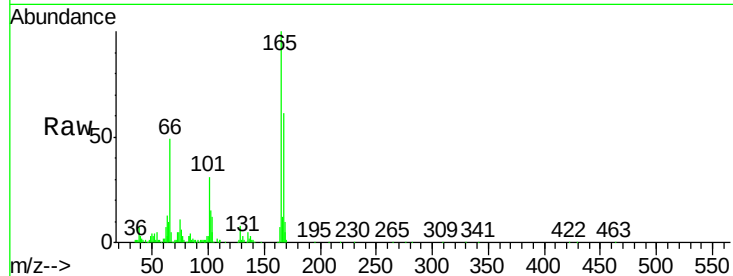




#27
2,4-Dichlorophenol
Concen: 0.02 ng/ul
RT: 10.58 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG023465.D
Acq: 4 Aug 2016 23:47

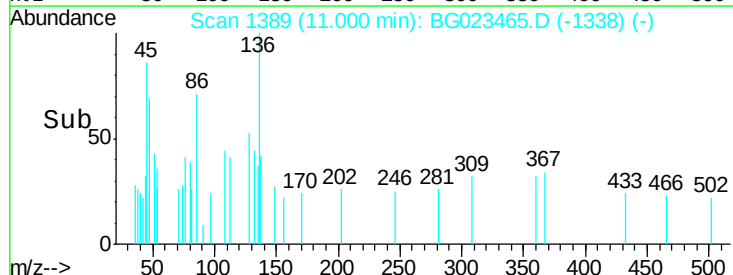
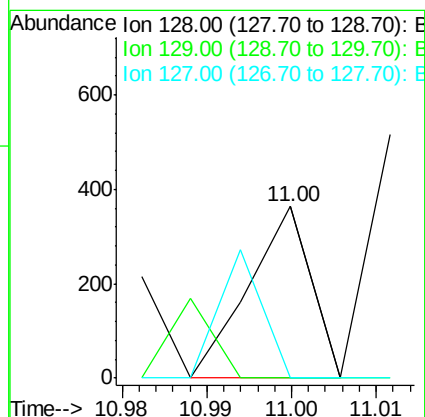
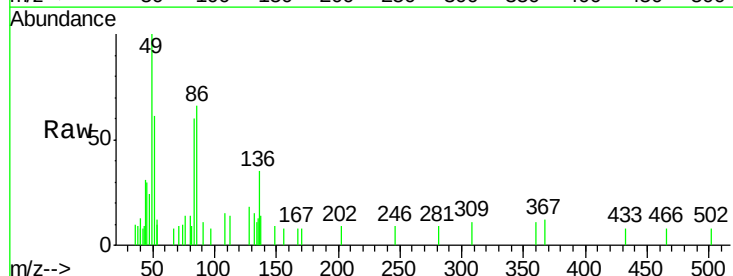
Instrument :
BNA_G
ClientSampleId :
BDJJ9

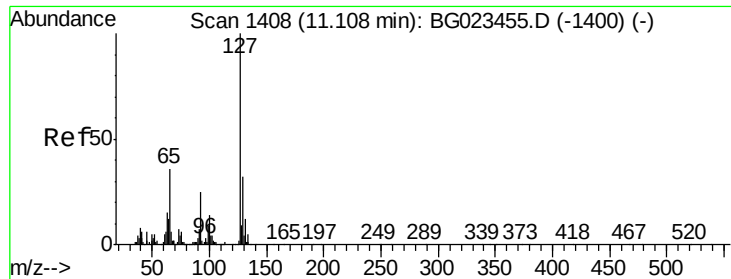
Tot Ion:162 Resp: 141
Ion Ratio Lower Upper
162 100
164 2646.7 51.6 77.4#
98 191.9 28.3 42.5#



#28
Naphthalene
Concen: 0.01 ng/ul
RT: 11.00 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BG023465.D
Acq: 4 Aug 2016 23:47

Tgt Ion:128 Resp: 185
Ion Ratio Lower Upper
128 100
129 0.0 9.4 14.2#
127 0.0 11.2 16.8#





#30

4-Chloroaniline

Concen: 0.04 ng/ul

RT: 11.09 min Scan# 1404

Delta R.T. -0.02 min

Lab File: BG023465.D

Acq: 4 Aug 2016 23:47

Instrument :

BNA_G

ClientSampleId :

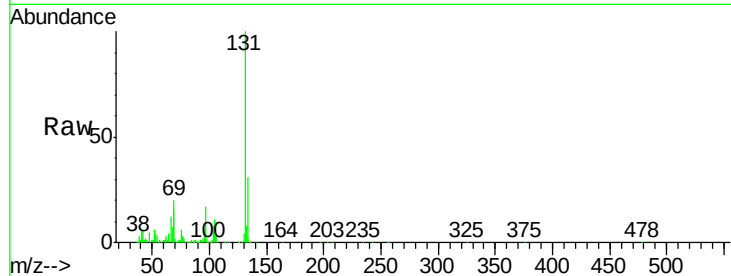
BDJJ9

Tot Ion:127 Resp: 436

Ion Ratio Lower Upper

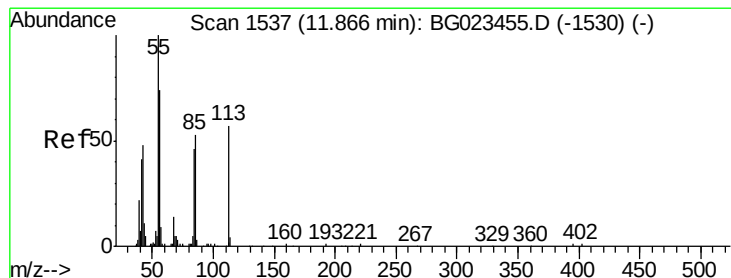
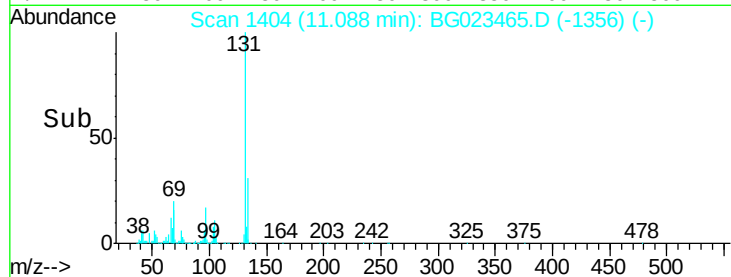
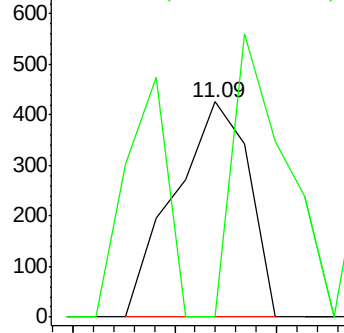
127 100

129 0.0 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: 11.96 min Scan# 1552

Delta R.T. 0.09 min

Lab File: BG023465.D

Acq: 4 Aug 2016 23:47

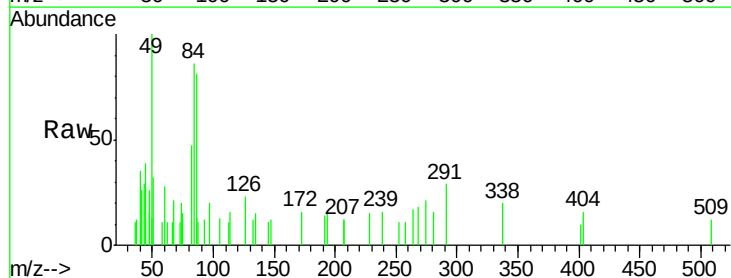
Tgt Ion:113 Resp: 80

Ion Ratio Lower Upper

113 100

55 0.0 99.6 149.4#

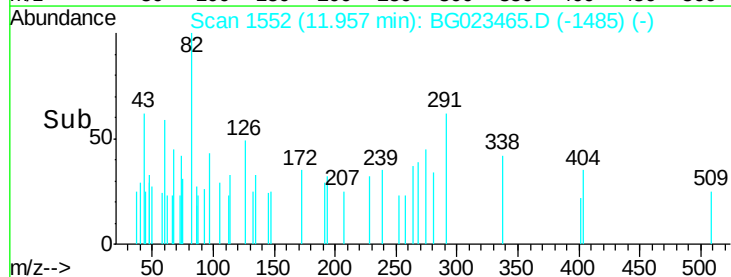
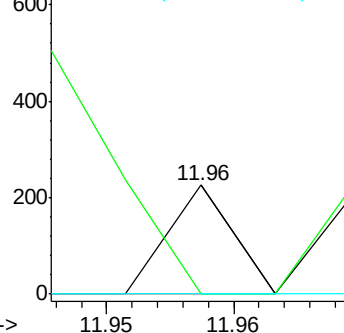
56 0.0 66.4 99.6#

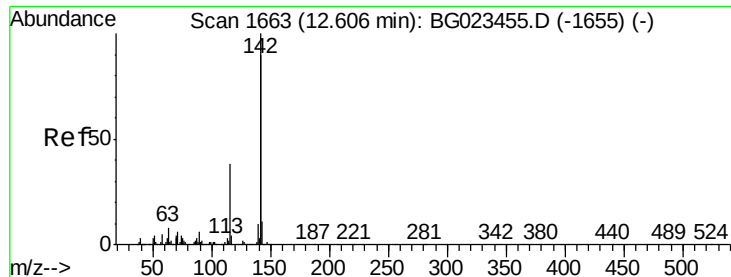


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0

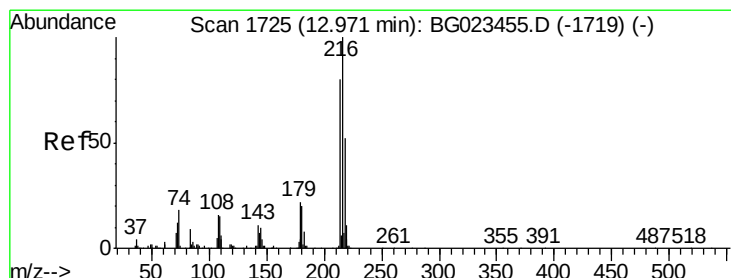
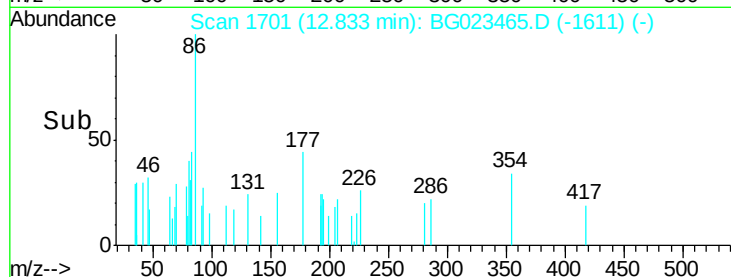
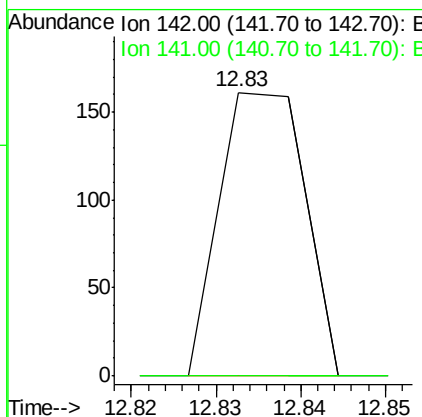
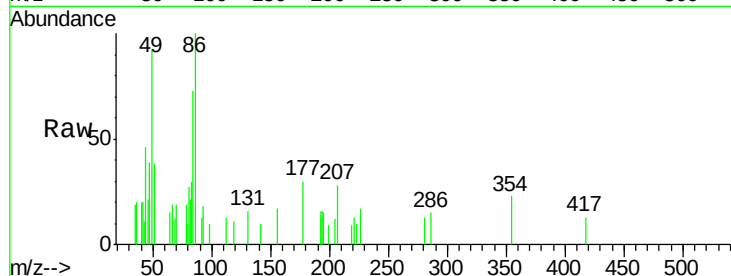




#34
 2-Methylnaphthalene
 Concen: 0.01 ng/ul
 RT: 12.83 min Scan# 1701
 Delta R.T. 0.23 min
 Lab File: BG023465.D
 Acq: 4 Aug 2016 23:47

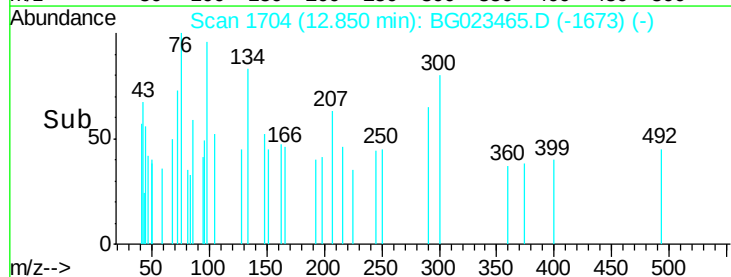
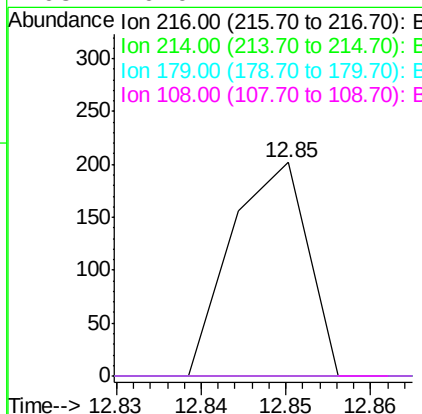
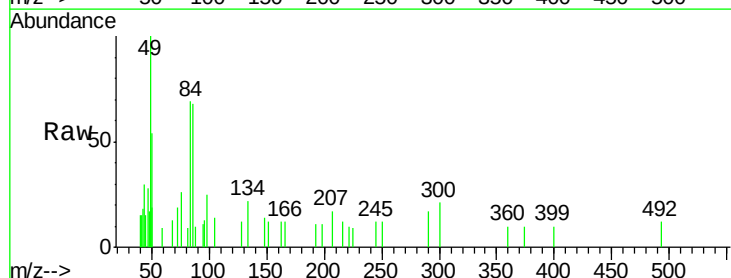
Instrument :
 BNA_G
 ClientSampled :
 BDJJ9

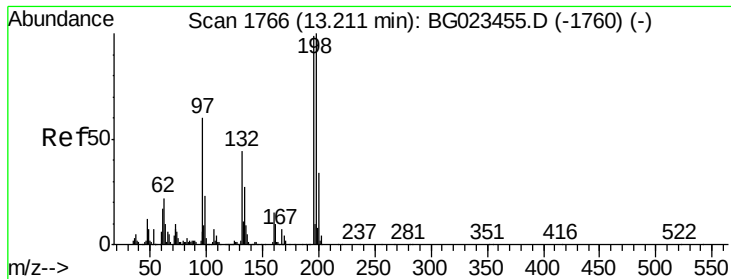
Tot Ion:142 Resp: 113
 Ion Ratio Lower Upper
 142 100
 141 0.0 75.2 112.8#



#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 0.01 ng/ul
 RT: 12.85 min Scan# 1704
 Delta R.T. -0.12 min
 Lab File: BG023465.D
 Acq: 4 Aug 2016 23:47

Tgt Ion:216 Resp: 126
 Ion Ratio Lower Upper
 216 100
 214 0.0 61.7 92.5#
 179 0.0 17.0 25.4#
 108 0.0 14.2 21.2#

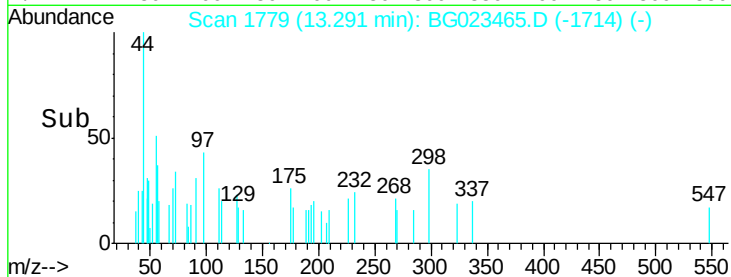
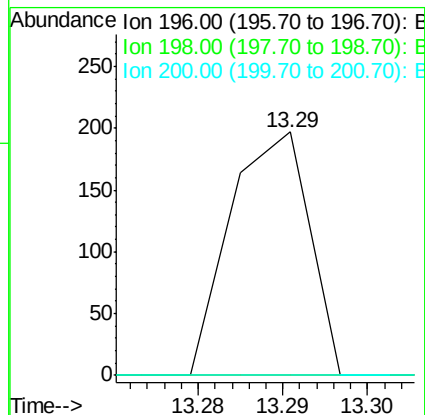
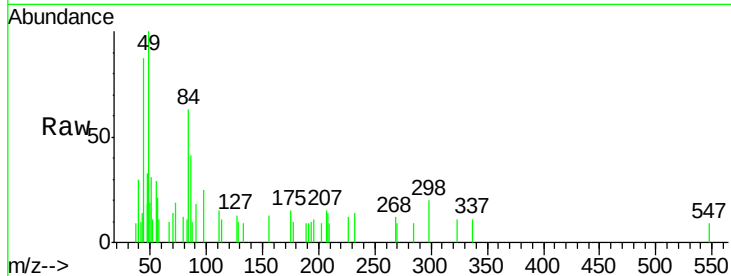




#38
 2,4,6-Trichlorophenol
 Concen: 0.01 ng/ul
 RT: 13.29 min Scan# 1779
 Delta R.T. 0.08 min
 Lab File: BG023465.D
 Acq: 4 Aug 2016 23:47

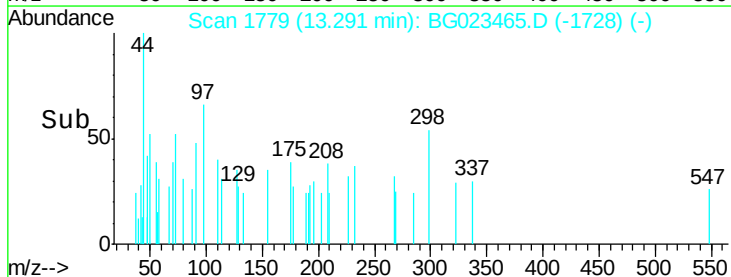
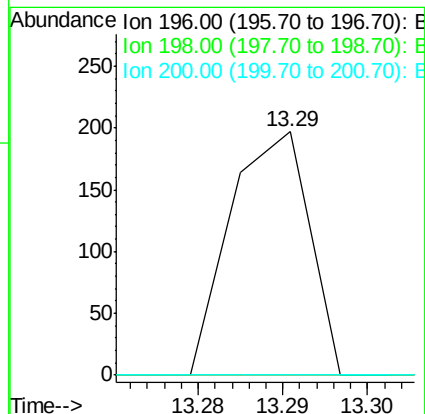
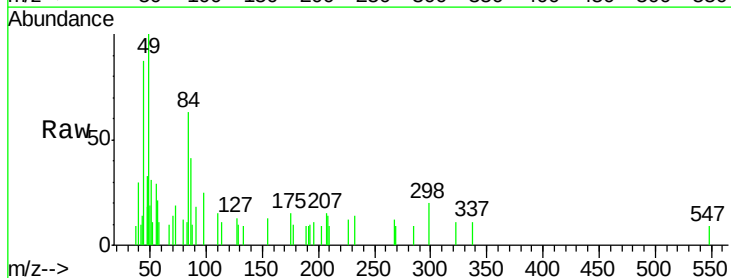
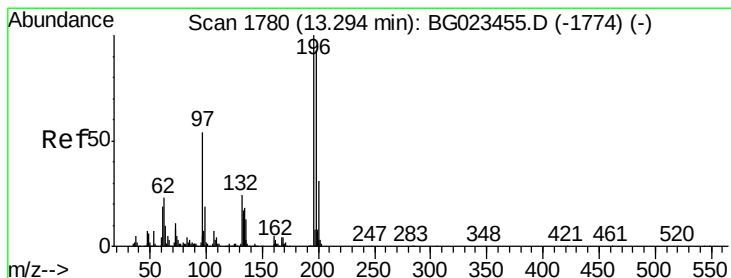
Instrument :
 BNA_G
 ClientSampleId :
 BDJJ9

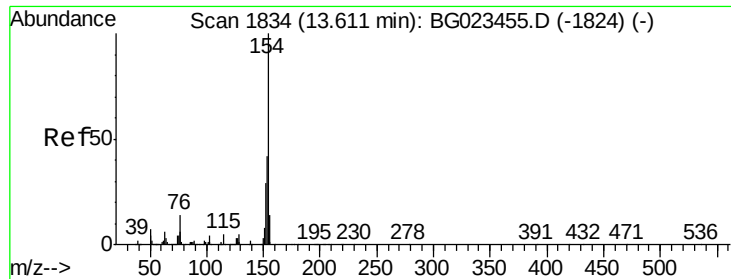
Tot Ion:196 Resp: 127
 Ion Ratio Lower Upper
 196 100
 198 0.0 77.4 116.0#
 200 0.0 26.6 39.8#



#39
 2,4,5-Trichlorophenol
 Concen: 0.01 ng/ul
 RT: 13.29 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: BG023465.D
 Acq: 4 Aug 2016 23:47

Tgt Ion:196 Resp: 127
 Ion Ratio Lower Upper
 196 100
 198 0.0 79.8 119.8#
 200 0.0 24.0 36.0#

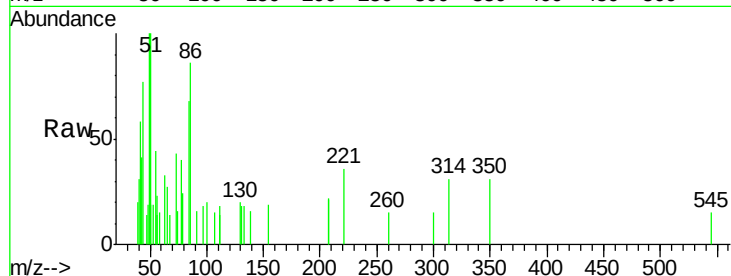




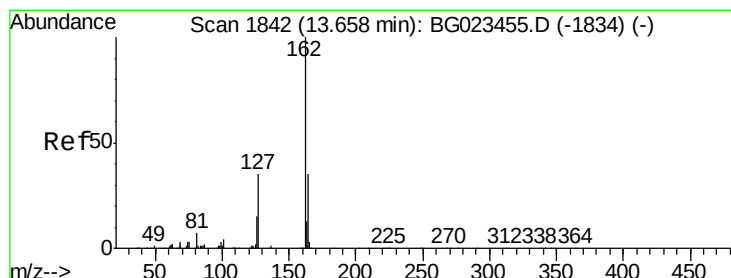
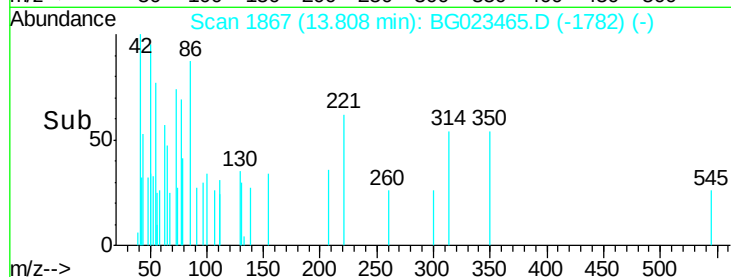
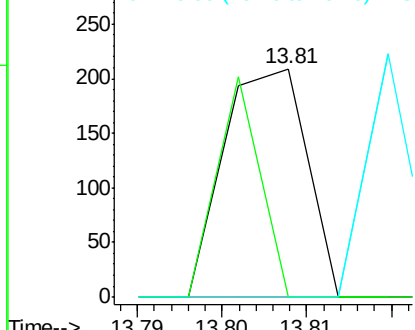
#40
1,1'-Biphenyl
Concen: 0.00 ng/ul
RT: 13.81 min Scan# 1867
Delta R.T. 0.20 min
Lab File: BG023465.D
Acq: 4 Aug 2016 23:47

Instrument :
BNA_G
ClientSampleId :
BDJJ9

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

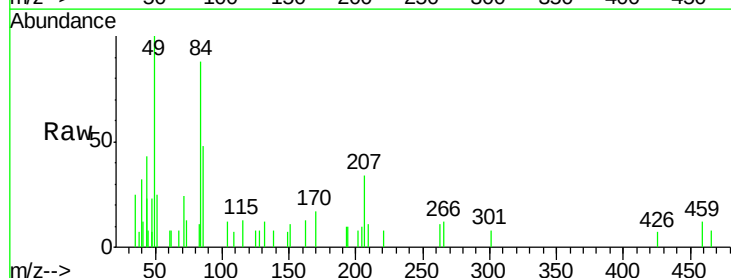


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): B

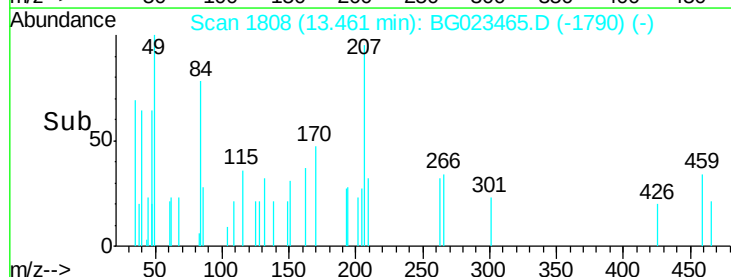
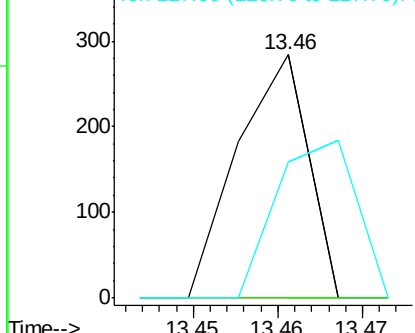


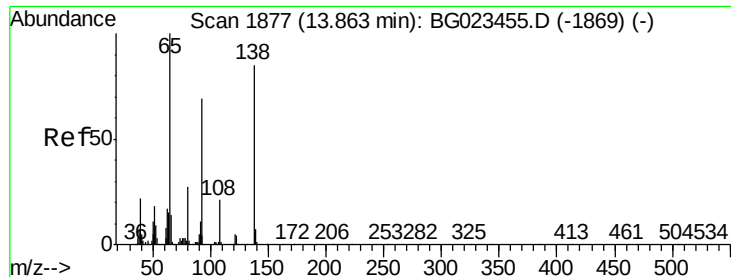
#41
2-Chloronaphthalene
Concen: 0.01 ng/ul
RT: 13.46 min Scan# 1808
Delta R.T. -0.20 min
Lab File: BG023465.D
Acq: 4 Aug 2016 23:47

Tgt Ion	Ratio	Lower	Upper
162	100		
164	0.0	25.4	38.2#
127	56.0	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





#42

2-Nitroaniline

Concen: 0.01 ng/ul

RT: 13.87 min Scan# 1878

Delta R.T. 0.01 min

Lab File: BG023465.D

Acq: 4 Aug 2016 23:47

Instrument :

BNA_G

ClientSampleId :

BDJJ9

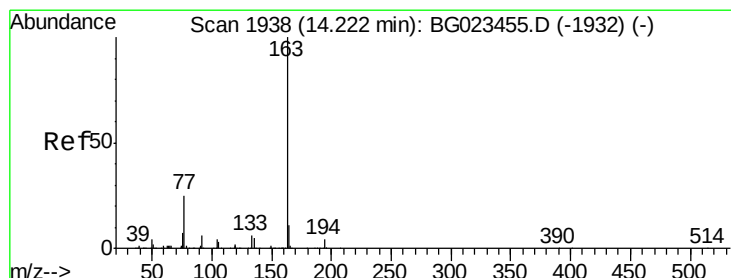
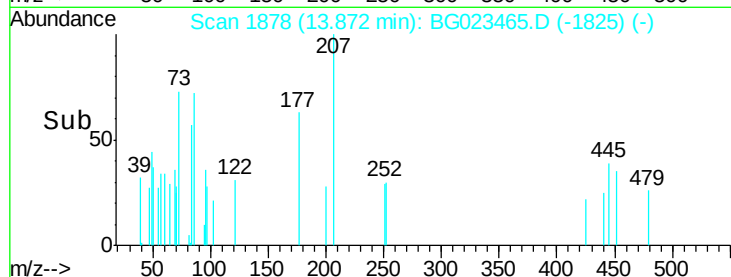
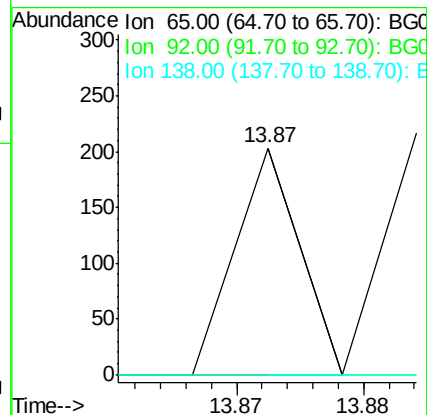
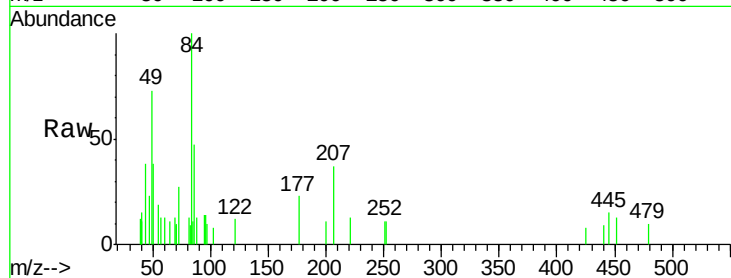
Tot Ion: 65 Resp: 72

Ion Ratio Lower Upper

65 100

92 0.0 67.1 100.7#

138 0.0 109.6 164.4#



#44

Dimethylphthalate

Concen: 18.02 ng/ul

RT: 14.22 min Scan# 1938

Delta R.T. 0.00 min

Lab File: BG023465.D

Acq: 4 Aug 2016 23:47

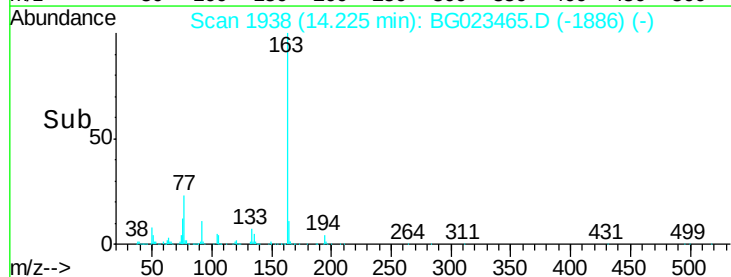
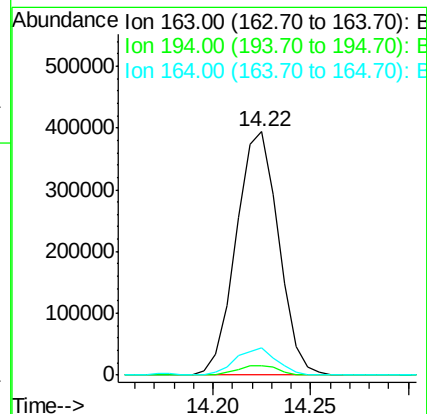
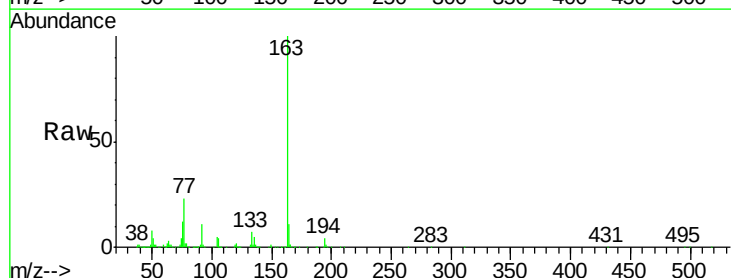
Tgt Ion: 163 Resp: 592035

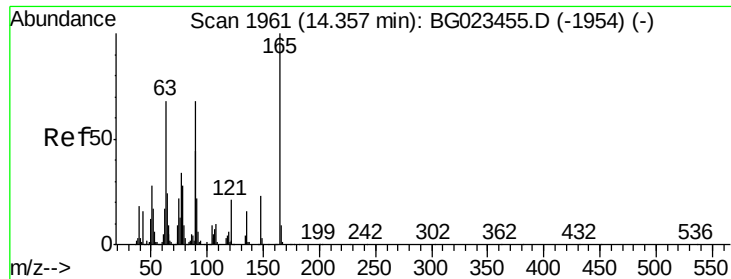
Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.2

164 11.2 8.8 13.2

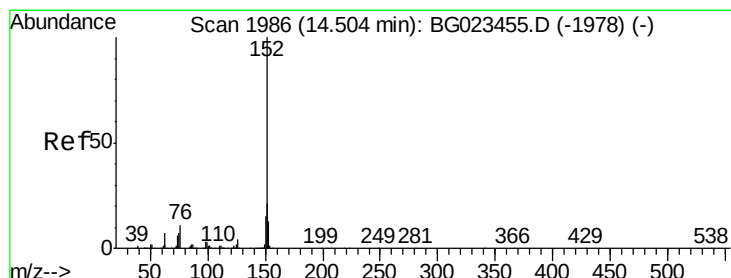
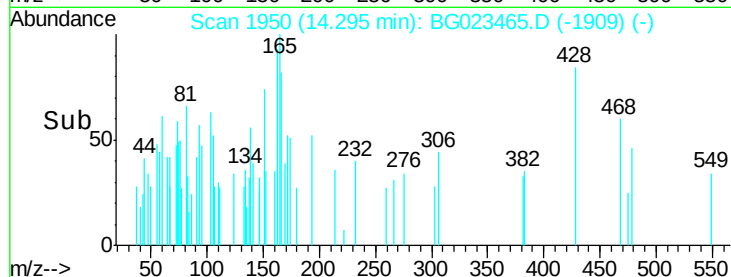
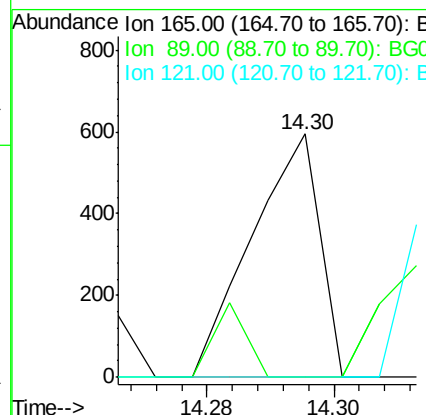
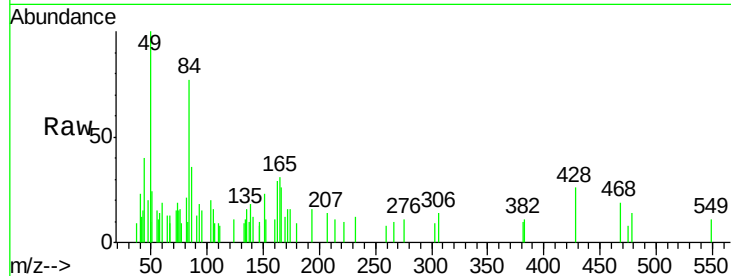




#45
 2,6-Dinitrotoluene
 Concen: 0.06 ng/ul
 RT: 14.30 min Scan# 1950
 Delta R.T. -0.06 min
 Lab File: BG023465.D
 Acq: 4 Aug 2016 23:47

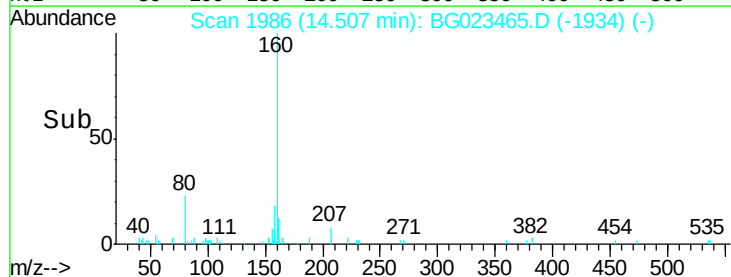
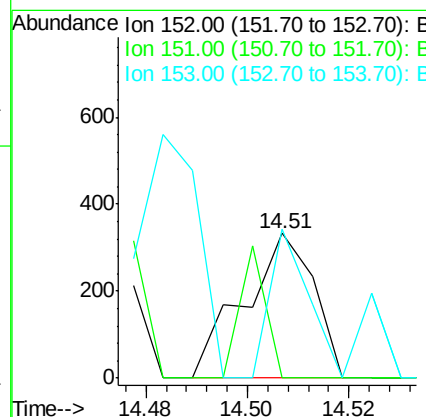
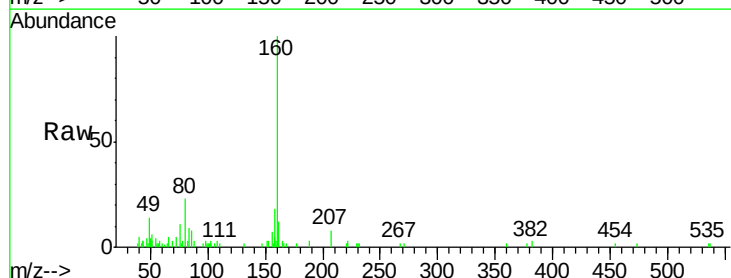
Instrument :
 BNA_G
 ClientSampleId :
 BDJJ9

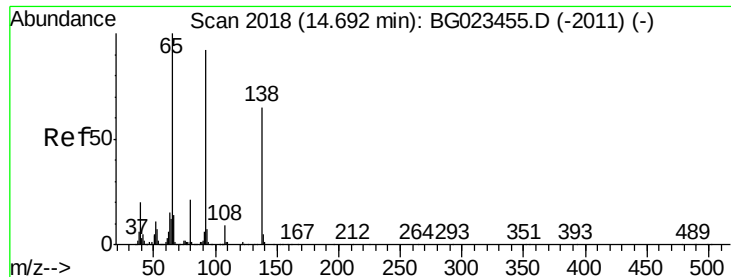
Tot Ion:165 Resp: 441
 Ion Ratio Lower Upper
 165 100
 89 0.0 41.5 62.3#
 121 0.0 17.0 25.4#



#47
 Acenaphthylene
 Concen: 0.01 ng/ul
 RT: 14.51 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: BG023465.D
 Acq: 4 Aug 2016 23:47

Tgt Ion:152 Resp: 316
 Ion Ratio Lower Upper
 152 100
 151 0.0 17.5 26.3#
 153 103.0 11.1 16.7#





#48

3-Nitroaniline

Concen: 0.01 ng/ul

RT: 14.67 min Scan# 2014

Delta R.T. -0.02 min

Lab File: BG023465.D

Acq: 4 Aug 2016 23:47

Instrument :

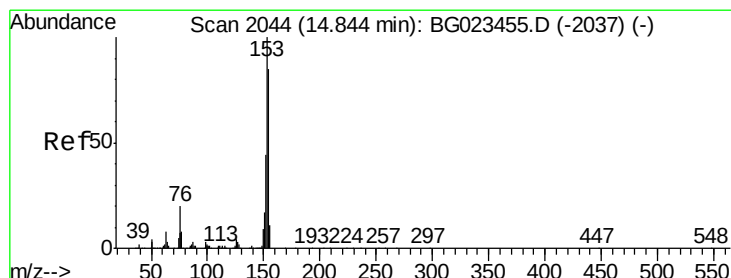
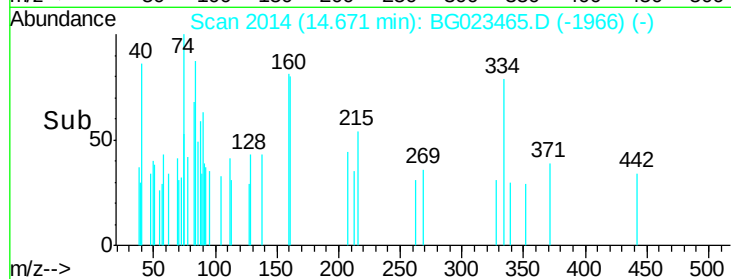
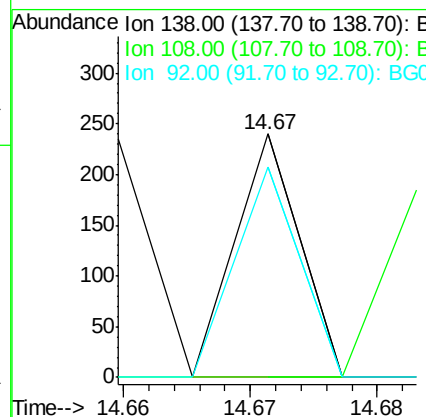
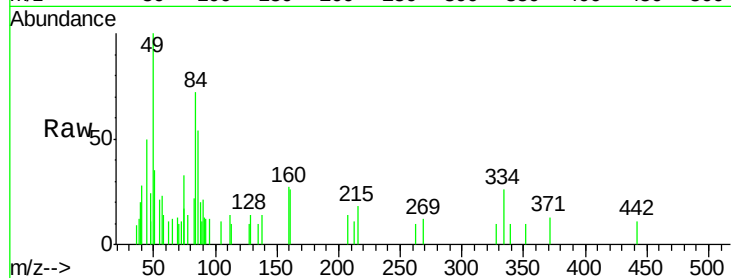
BNA_G

ClientSampled :

BDJJ9

Tot Ion:138 Resp: 85

Ion	Ratio	Lower	Upper
138	100		
108	0.0	6.2	9.2#
92	86.3	79.3	118.9



#49

Acenaphthene

Concen: 0.01 ng/ul

RT: 14.84 min Scan# 2043

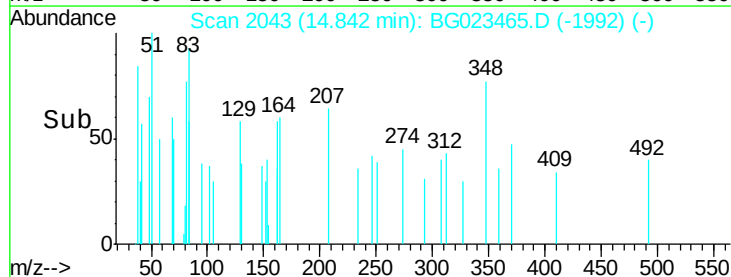
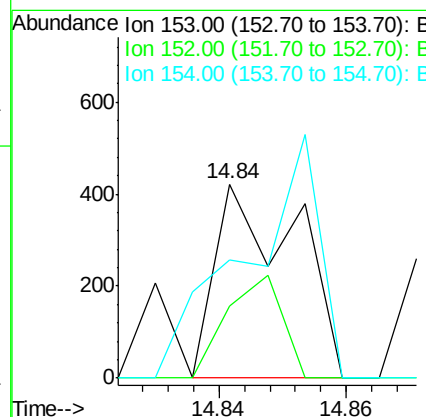
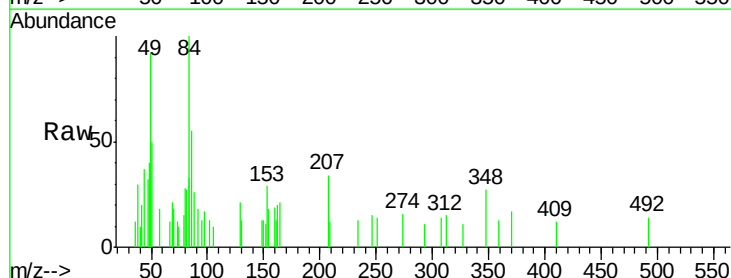
Delta R.T. -0.00 min

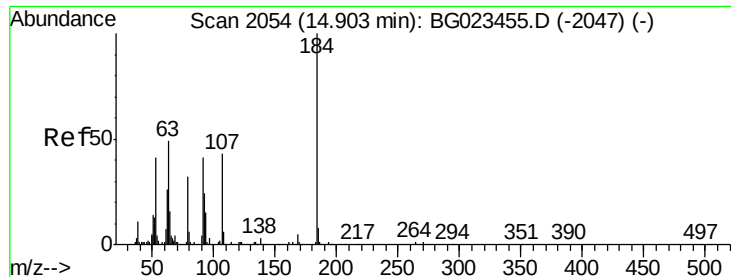
Lab File: BG023465.D

Acq: 4 Aug 2016 23:47

Tgt Ion:153 Resp: 367

Ion	Ratio	Lower	Upper
153	100		
152	37.1	37.3	55.9#
154	60.8	68.2	102.2#

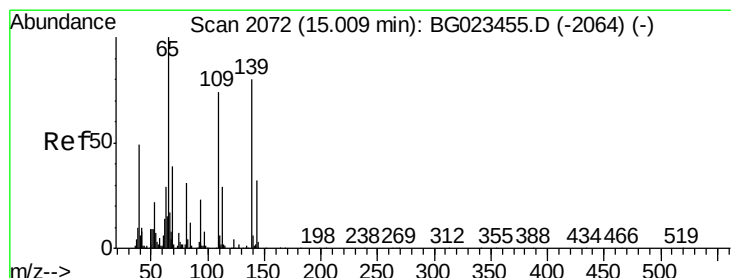
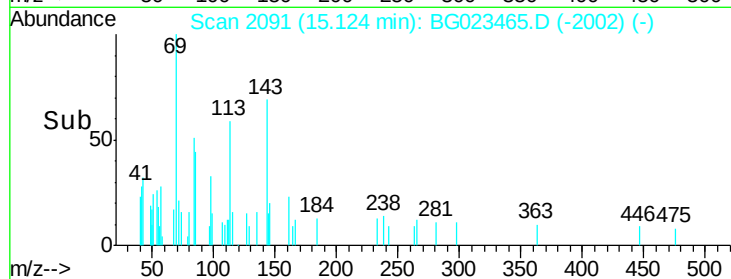
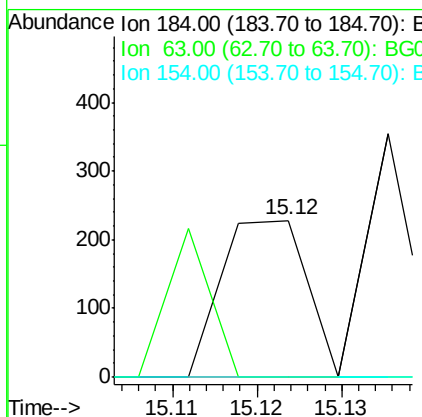
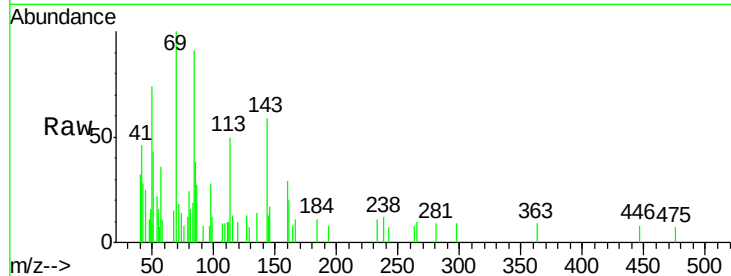




#50
2,4-Dinitrophenol
Concen: 0.04 ng/ul
RT: 15.12 min Scan# 2091
Delta R.T. 0.22 min
Lab File: BG023465.D
Acq: 4 Aug 2016 23:47

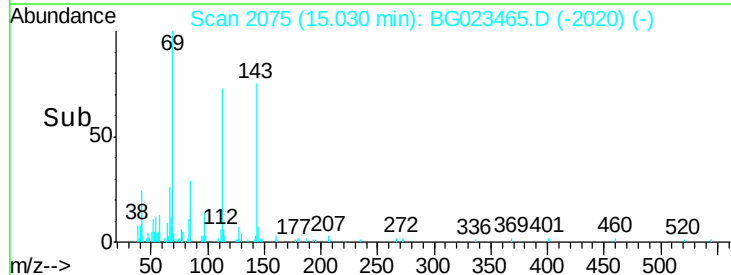
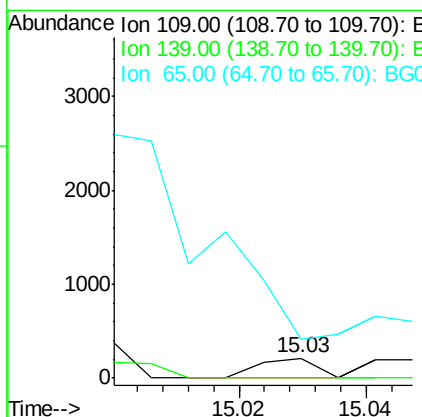
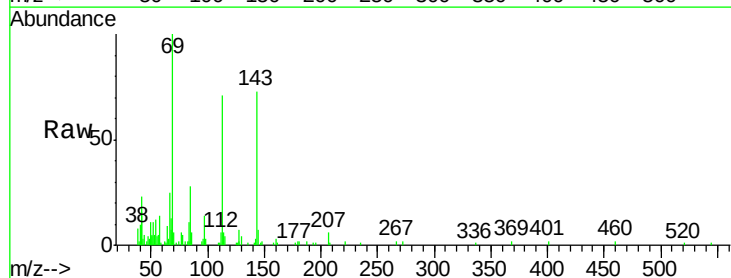
Instrument :
BNA_G
ClientSampleId :
BDJJ9

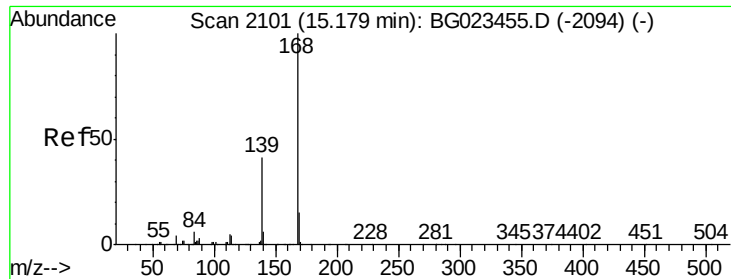
Tot Ion:184 Resp: 159
Ion Ratio Lower Upper
184 100
63 0.0 40.5 60.7#
154 0.0 48.5 72.7#



#52
4-Nitrophenol
Concen: 0.02 ng/ul
RT: 15.03 min Scan# 2075
Delta R.T. 0.02 min
Lab File: BG023465.D
Acq: 4 Aug 2016 23:47

Tgt Ion:109 Resp: 131
Ion Ratio Lower Upper
109 100
139 0.0 136.1 204.1#
65 195.7 106.0 159.0#





#53

Dibenzofuran

Concen: 0.01 ng/ul

RT: 15.19 min Scan# 2102

Delta R.T. 0.01 min

Lab File: BG023465.D

Acq: 4 Aug 2016 23:47

Instrument :

BNA_G

ClientSampled :

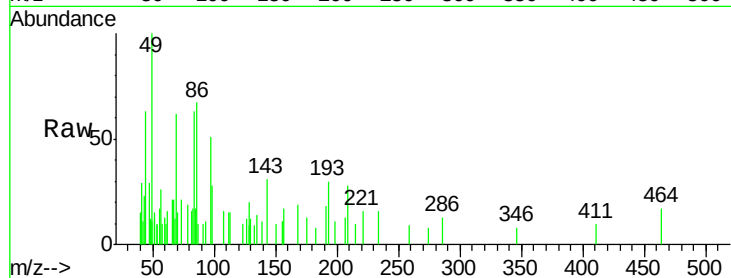
BDJJ9

Tot Ion:168 Resp: 372

Ion Ratio Lower Upper

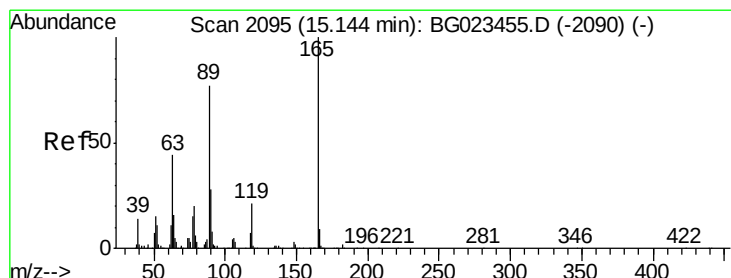
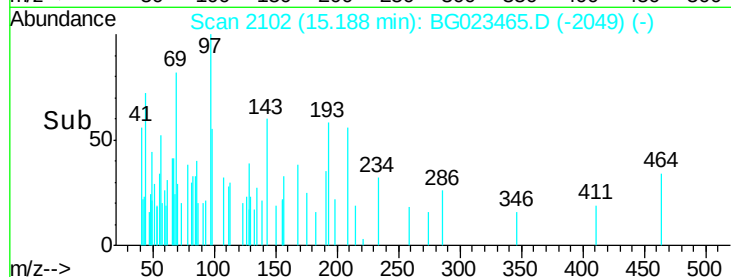
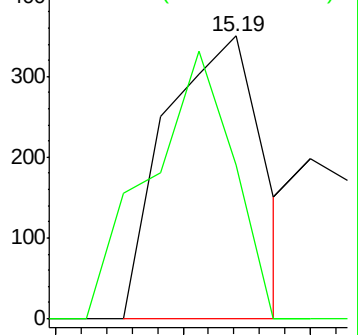
168 100

139 54.3 27.4 41.0#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#54

2,4-Dinitrotoluene

Concen: 0.01 ng/ul

RT: 14.92 min Scan# 2056

Delta R.T. -0.23 min

Lab File: BG023465.D

Acq: 4 Aug 2016 23:47

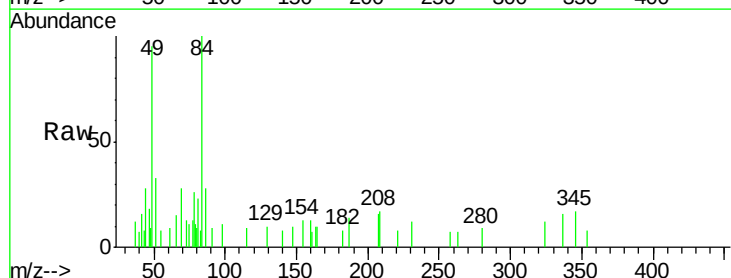
Tgt Ion:165 Resp: 130

Ion Ratio Lower Upper

165 100

63 0.0 25.7 38.5#

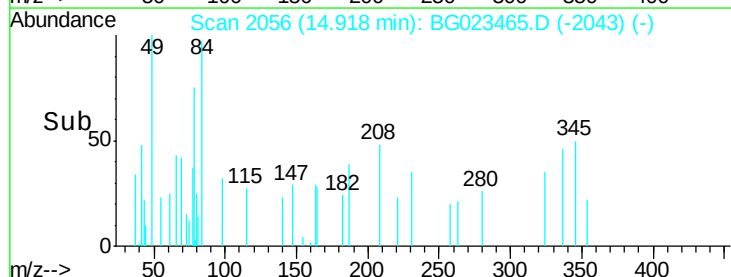
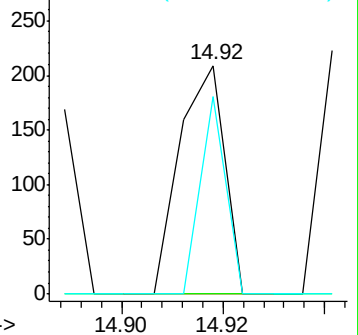
182 86.6 2.1 3.1#

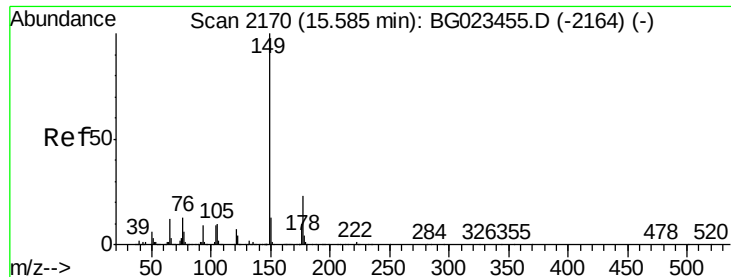


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 182.00 (181.70 to 182.70): E





#56

Diethylphthalate

Concen: 0.09 ng/ul

RT: 15.59 min Scan# 2170

Delta R.T. 0.00 min

Lab File: BG023465.D

Acq: 4 Aug 2016 23:47

Instrument :

BNA_G

ClientSampleId :

BDJJ9

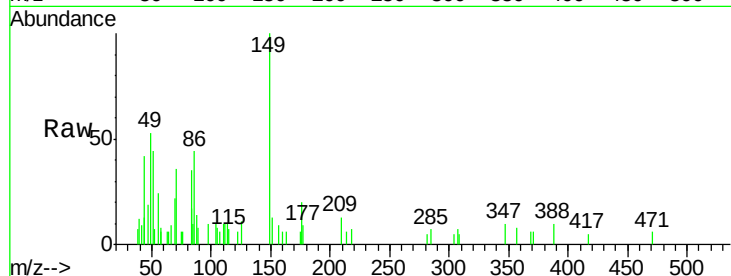
Tot Ion:149 Resp: 3183

Ion Ratio Lower Upper

149 100

177 8.7 17.4 26.2#

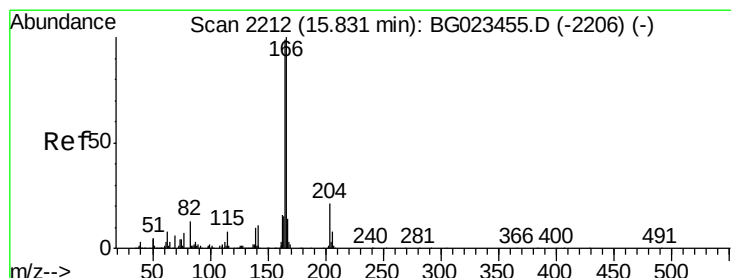
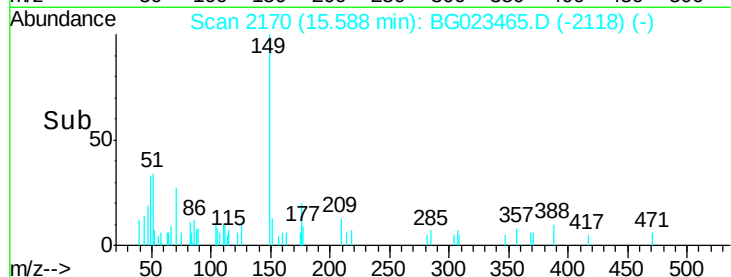
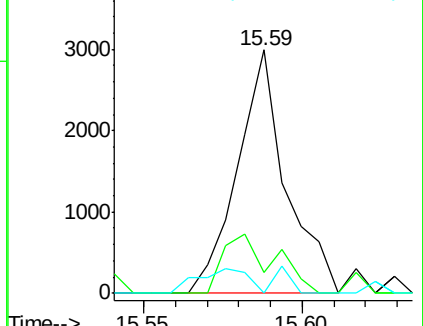
150 0.0 9.6 14.4#



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: 0.00 ng/ul

RT: 15.82 min Scan# 2210

Delta R.T. -0.01 min

Lab File: BG023465.D

Acq: 4 Aug 2016 23:47

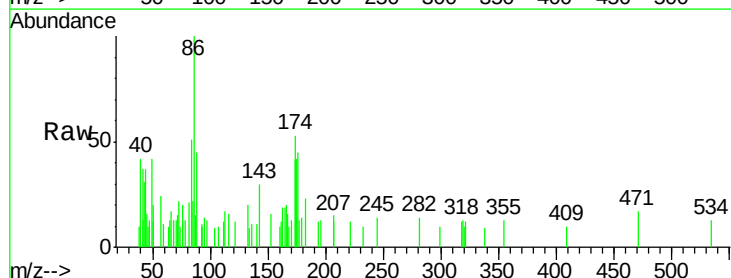
Tgt Ion:166 Resp: 119

Ion Ratio Lower Upper

166 100

165 92.3 80.3 120.5

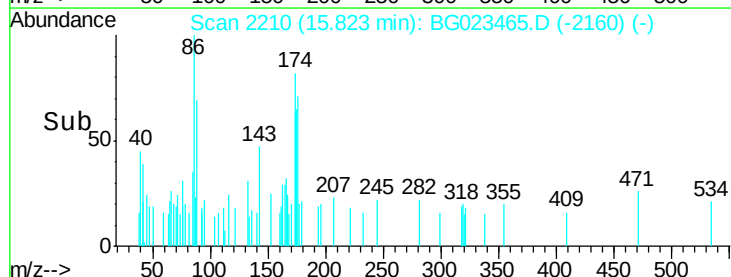
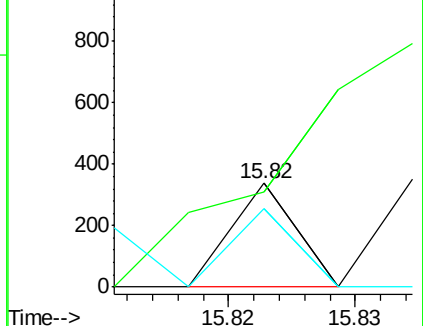
167 76.0 10.3 15.5#

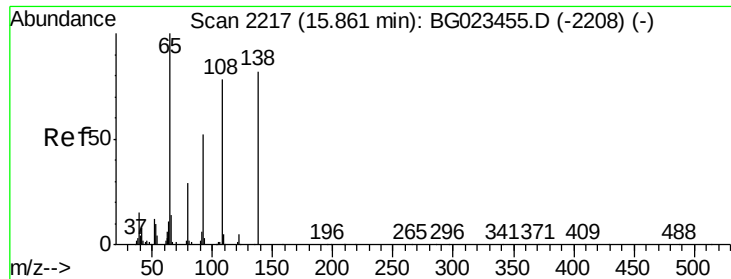


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

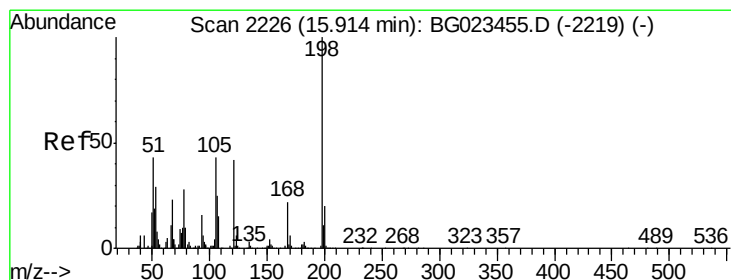
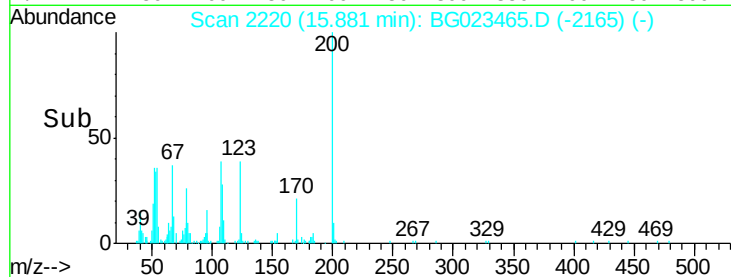
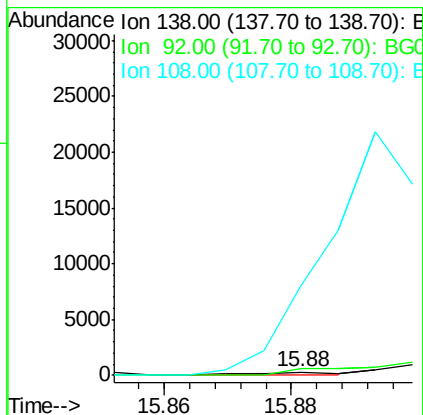
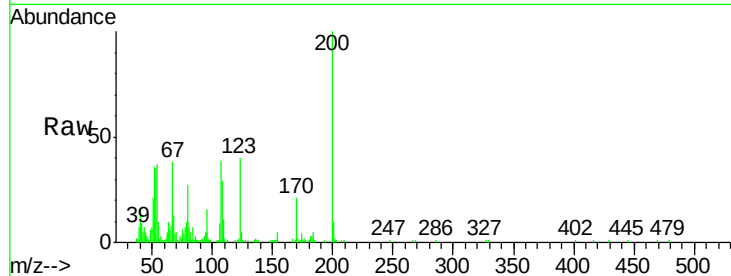




#60
4-Nitroaniline
Concen: 0.04 ng/ul
RT: 15.88 min Scan# 2220
Delta R.T. 0.02 min
Lab File: BG023465.D
Acq: 4 Aug 2016 23:47

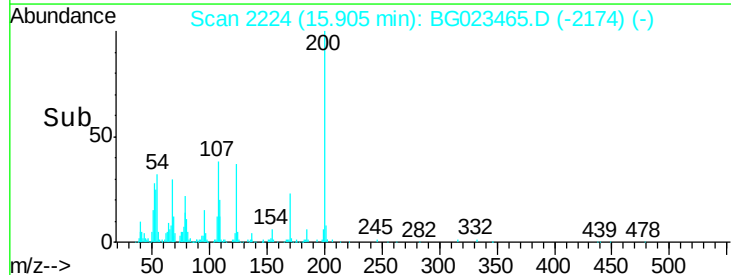
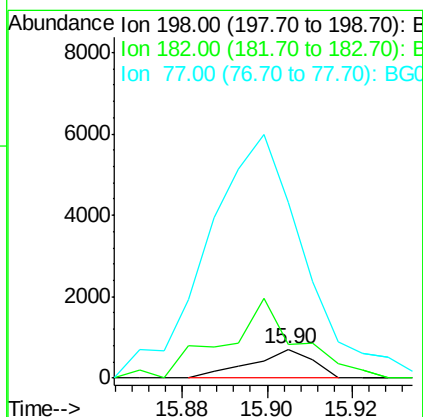
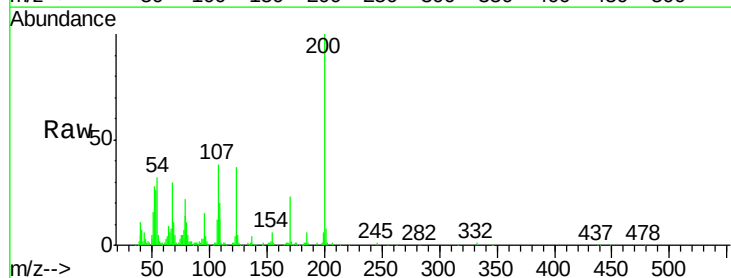
Instrument :
BNA_G
ClientSampleId :
BDJJ9

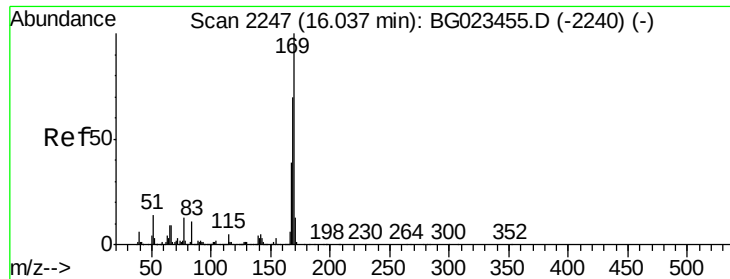
Tot Ion:138 Resp: 301
Ion Ratio Lower Upper
138 100
92 191.8 39.0 58.4#
108 2659.9 49.2 73.8#



#63
4,6-Dinitro-2-methylphenol
Concen: 0.10 ng/ul
RT: 15.90 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BG023465.D
Acq: 4 Aug 2016 23:47

Tgt Ion:198 Resp: 722
Ion Ratio Lower Upper
198 100
182 115.6 4.2 6.2#
77 601.0 16.7 25.1#





#64

N-Nitrosodiphenylamine

Concen: 0.01 ng/ul

RT: 16.07 min Scan# 2252

Delta R.T. 0.03 min

Lab File: BG023465.D

Acq: 4 Aug 2016 23:47

Instrument :

BNA_G

ClientSampleId :

BDJJ9

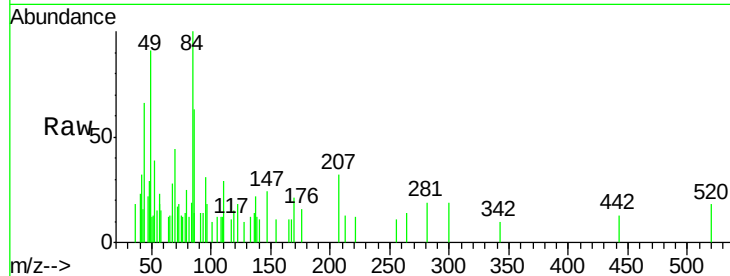
Tot Ion:169 Resp: 184

Ion Ratio Lower Upper

169 100

168 0.0 59.0 88.6#

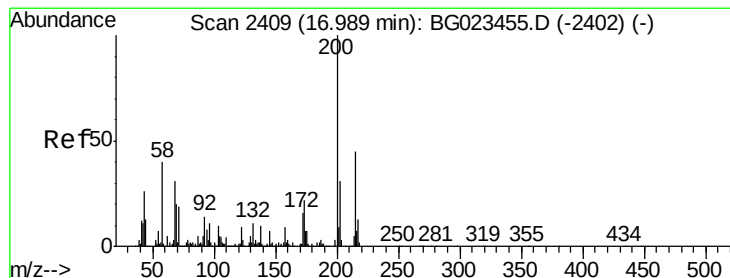
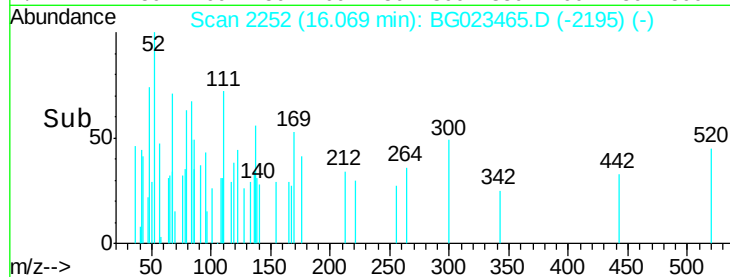
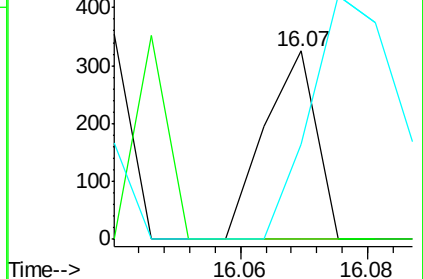
167 50.5 30.6 46.0#



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



#67

Atrazine

Concen: 0.02 ng/ul

RT: 16.84 min Scan# 2383

Delta R.T. -0.15 min

Lab File: BG023465.D

Acq: 4 Aug 2016 23:47

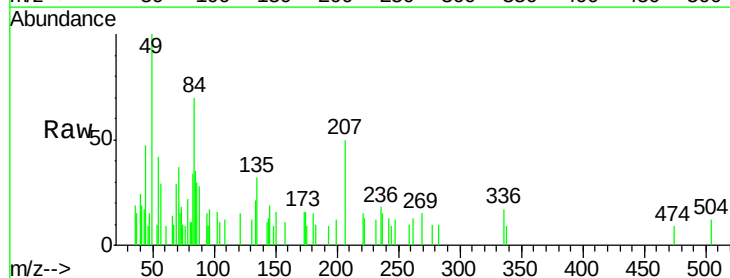
Tgt Ion:200 Resp: 203

Ion Ratio Lower Upper

200 100

173 138.0 21.0 31.6#

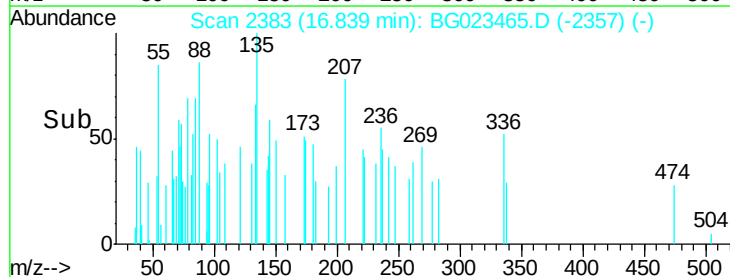
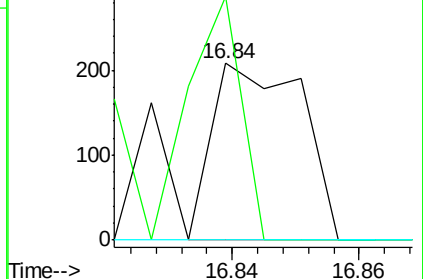
215 0.0 37.9 56.9#

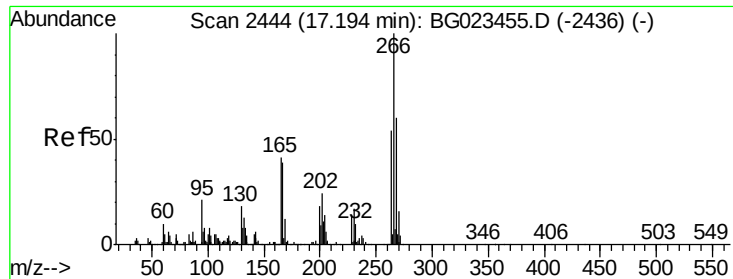


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

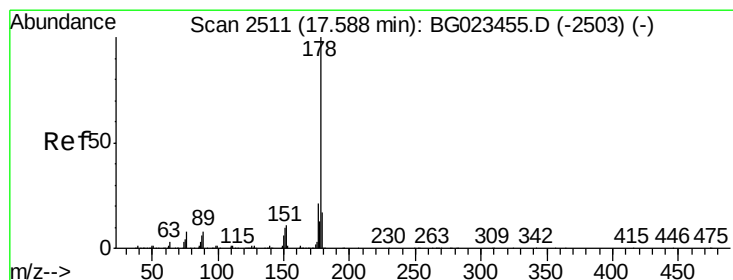
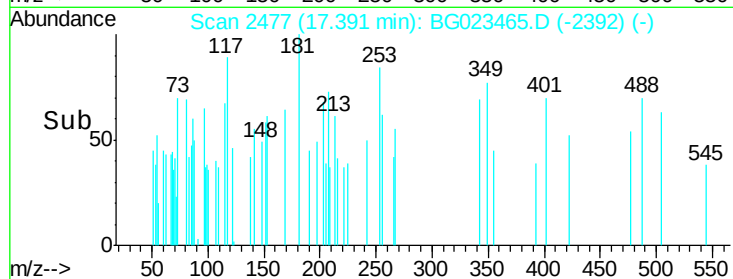
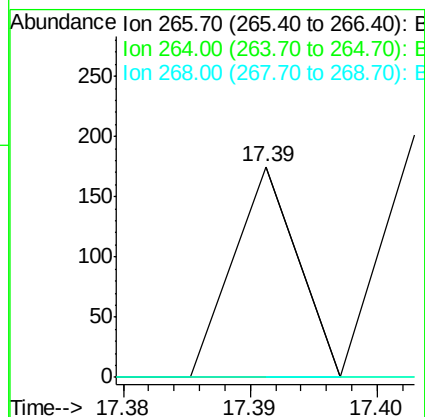
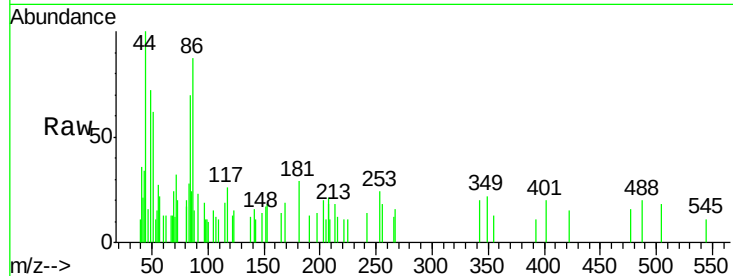




#68
 Pentachlorophenol
 Concen: 0.01 ng/ul
 RT: 17.39 min Scan# 2477
 Delta R.T. 0.20 min
 Lab File: BG023465.D
 Acq: 4 Aug 2016 23:47

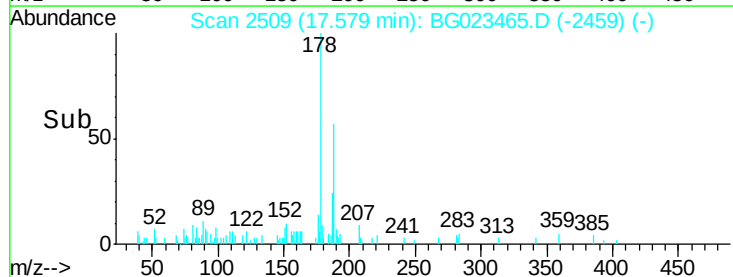
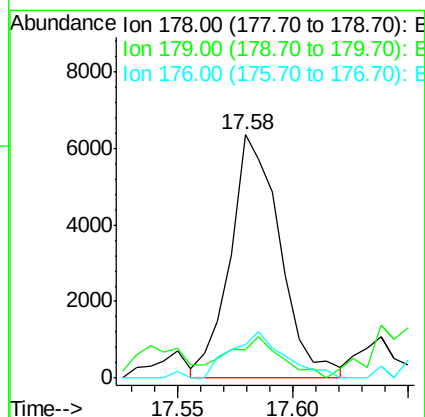
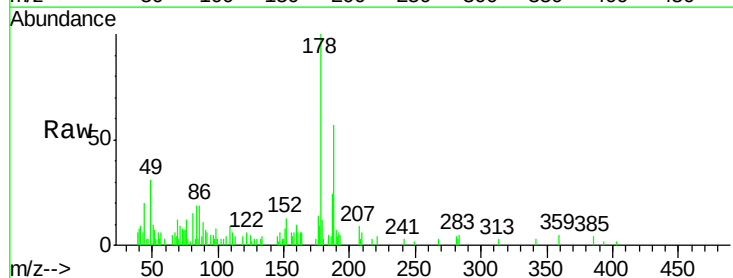
Instrument :
 BNA_G
 ClientSampled :
 BDJJ9

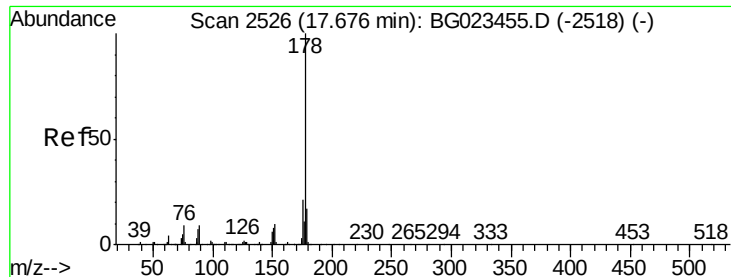
Tot Ion:266 Resp: 62
 Ion Ratio Lower Upper
 266 100
 264 0.0 54.7 82.1#
 268 0.0 57.8 86.8#



#69
 Phenanthrene
 Concen: 0.17 ng/ul
 RT: 17.58 min Scan# 2509
 Delta R.T. -0.01 min
 Lab File: BG023465.D
 Acq: 4 Aug 2016 23:47

Tgt Ion:178 Resp: 9576
 Ion Ratio Lower Upper
 178 100
 179 11.7 12.9 19.3#
 176 13.6 15.8 23.8#





#71

Anthracene

Concen: 0.02 ng/ul

RT: 17.67 min Scan# 2524

Delta R.T. -0.01 min

Lab File: BG023465.D

Acq: 4 Aug 2016 23:47

Instrument :

BNA_G

ClientSampled :

BDJJ9

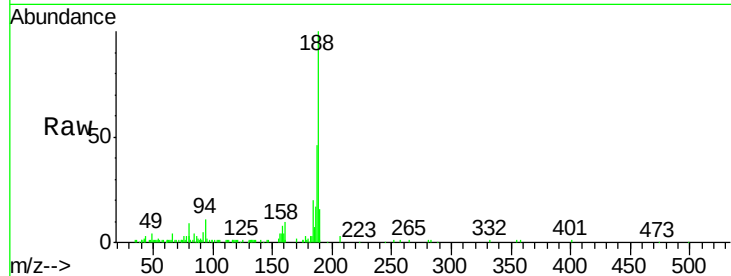
Tot Ion:178 Resp: 1008

Ion Ratio Lower Upper

178 100

179 18.4 12.3 18.5

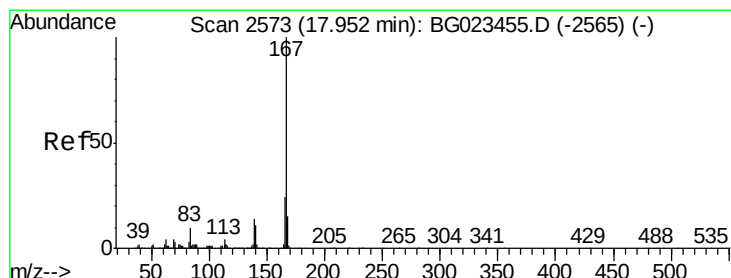
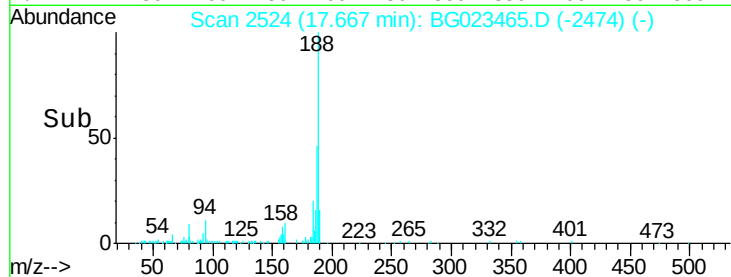
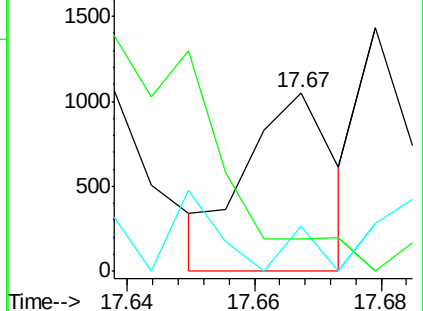
176 25.6 16.3 24.5#



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# 2573

Delta R.T. 0.00 min

Lab File: BG023465.D

Acq: 4 Aug 2016 23:47

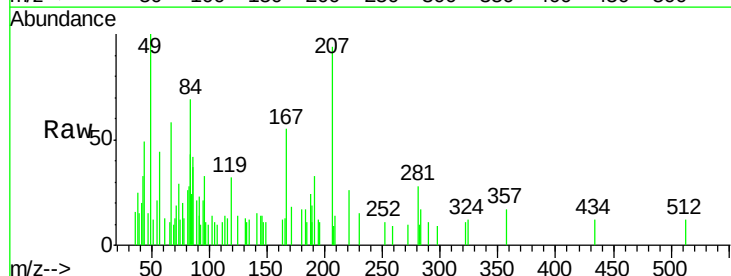
Tgt Ion:167 Resp: 633

Ion Ratio Lower Upper

167 100

166 23.4 19.2 28.8

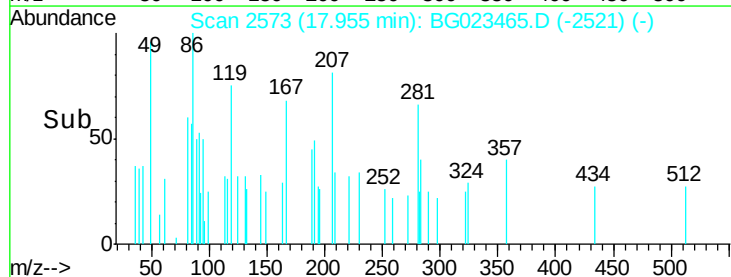
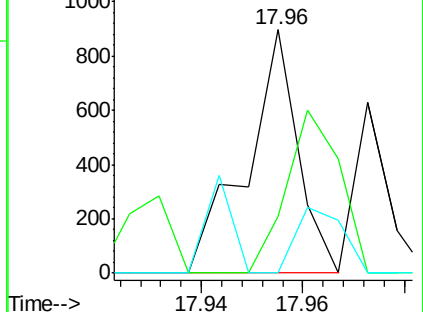
139 0.0 10.2 15.4#

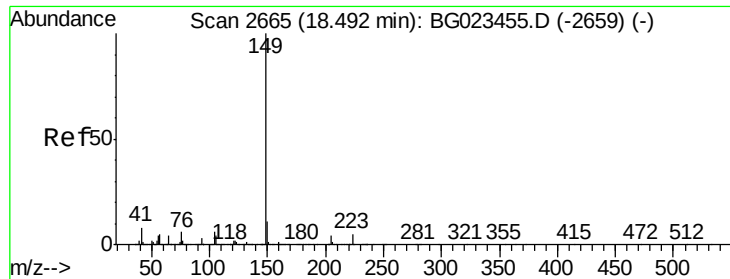


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 0.17 ng/ul

RT: 18.49 min Scan# 2664

Delta R.T. -0.00 min

Lab File: BG023465.D

Acq: 4 Aug 2016 23:47

Instrument :

BNA_G

ClientSampleId :

BDJJ9

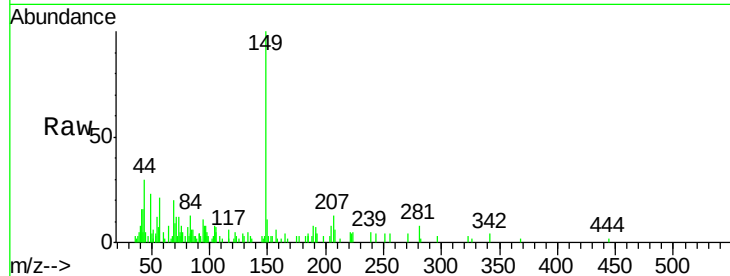
Tot Ion:149 Resp: 9766

Ion Ratio Lower Upper

149 100

150 13.5 7.1 10.7#

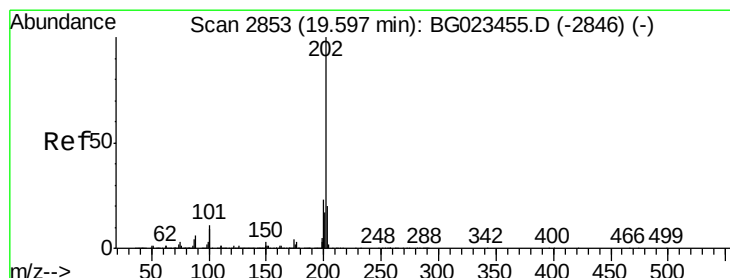
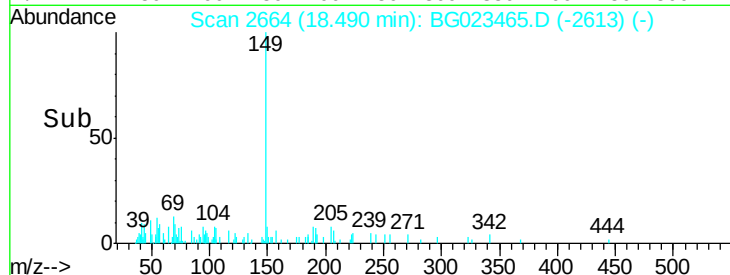
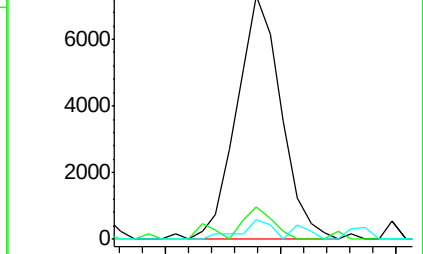
104 7.8 3.3 4.9#



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: 0.40 ng/ul

RT: 19.59 min Scan# 2852

Delta R.T. -0.00 min

Lab File: BG023465.D

Acq: 4 Aug 2016 23:47

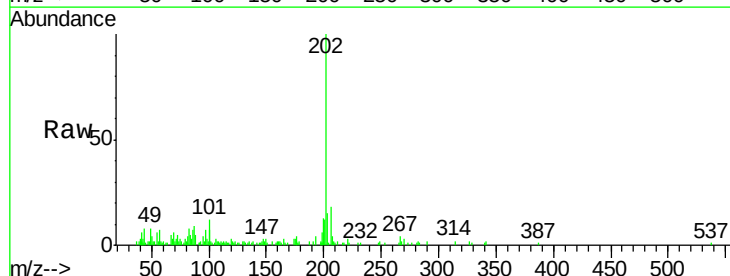
Tgt Ion:202 Resp: 22803

Ion Ratio Lower Upper

202 100

101 13.8 10.6 16.0

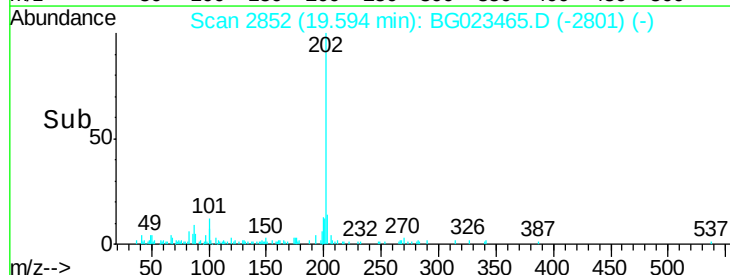
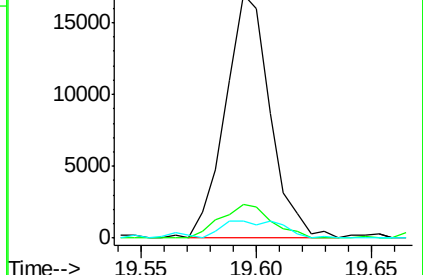
100 7.0 8.7 13.1#

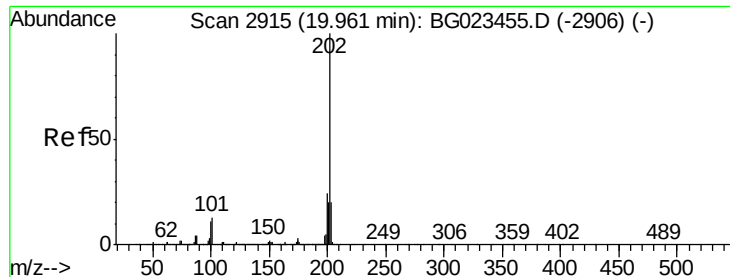


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#77

Pvrene

Concen: 0.30 ng/ul

RT: 19.96 min Scan# 2914

Delta R.T. -0.00 min

Lab File: BG023465.D

Acq: 4 Aug 2016 23:47

Instrument :

BNA_G

ClientSampled :

BDJJ9

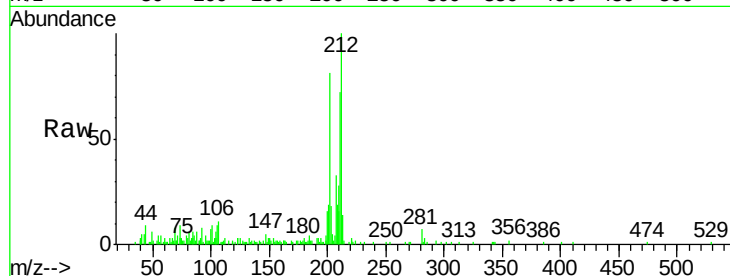
Tot Ion:202 Resp: 20418

Ion Ratio Lower Upper

202 100

101 11.3 12.5 18.7#

100 8.8 10.2 15.4#

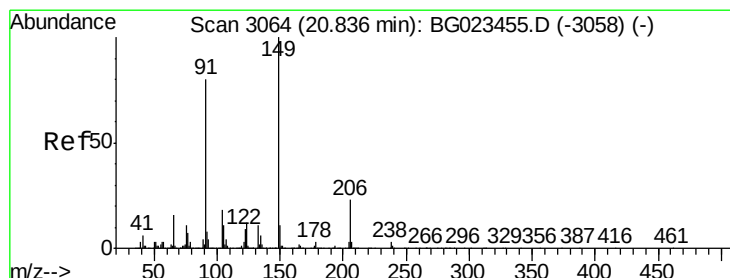
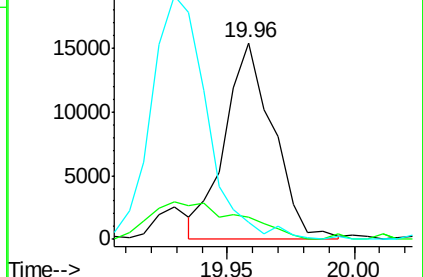
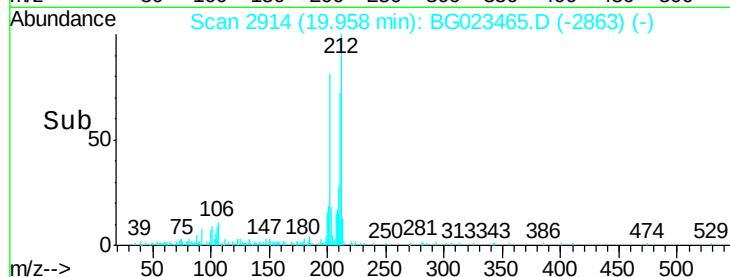


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

Time-->



#78

Butylbenzylphthalate

Concen: 0.04 ng/ul

RT: 20.83 min Scan# 3062

Delta R.T. -0.01 min

Lab File: BG023465.D

Acq: 4 Aug 2016 23:47

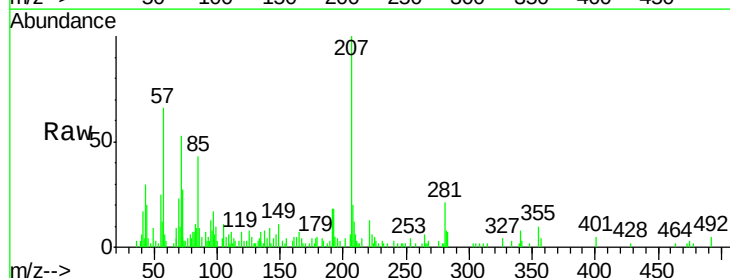
Tgt Ion:149 Resp: 1054

Ion Ratio Lower Upper

149 100

91 65.0 54.2 81.4

206 53.7 14.1 21.1#

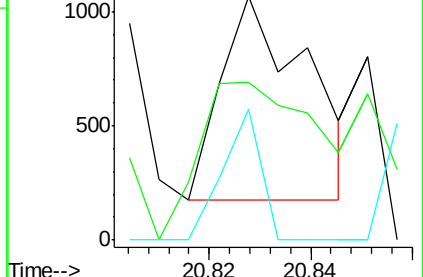
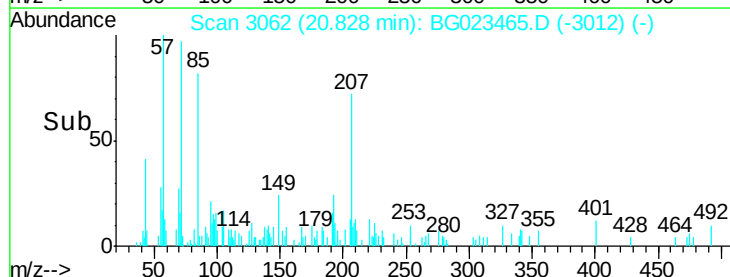


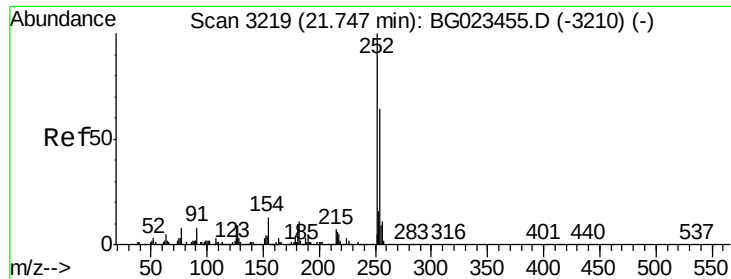
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E

Time-->





#79

3,3'-Dichlorobenzidine

Concen: 0.02 ng/ul

RT: 21.76 min Scan# 3221

Delta R.T. 0.01 min

Lab File: BG023465.D

Acq: 4 Aug 2016 23:47

Instrument :

BNA_G

ClientSampled :

BDJJ9

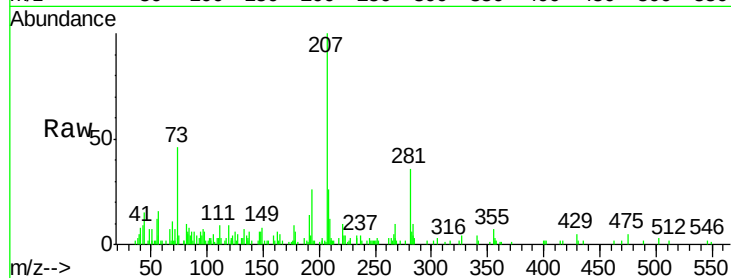
Tot Ion:252 Resp: 383

Ion Ratio Lower Upper

252 100

254 0.0 51.4 77.2#

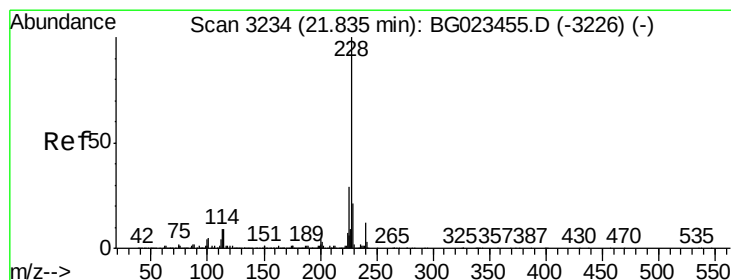
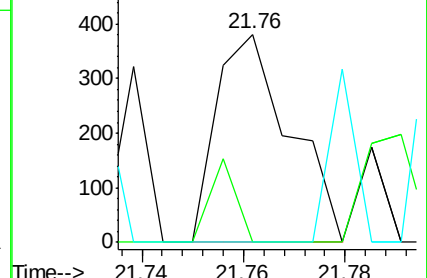
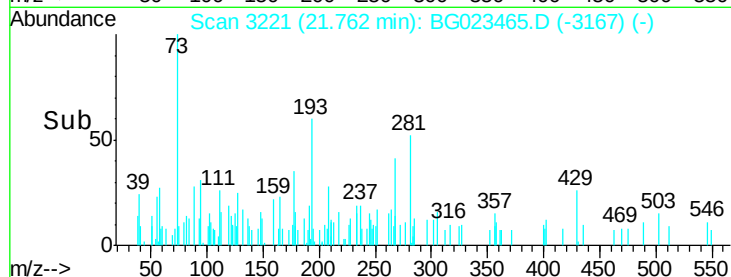
126 0.0 10.7 16.1#



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: 0.23 ng/ul

RT: 21.84 min Scan# 3234

Delta R.T. 0.00 min

Lab File: BG023465.D

Acq: 4 Aug 2016 23:47

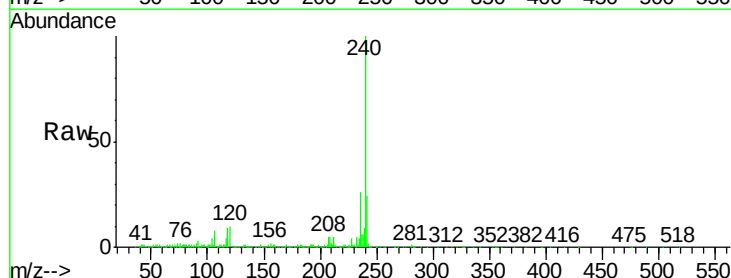
Tgt Ion:228 Resp: 13973

Ion Ratio Lower Upper

228 100

229 19.6 15.4 23.2

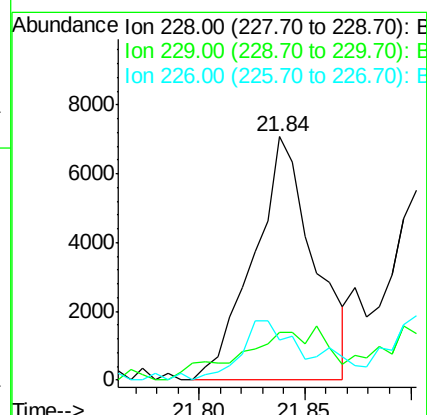
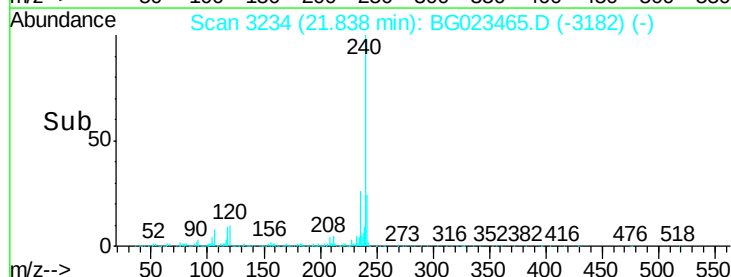
226 16.6 22.8 34.2#

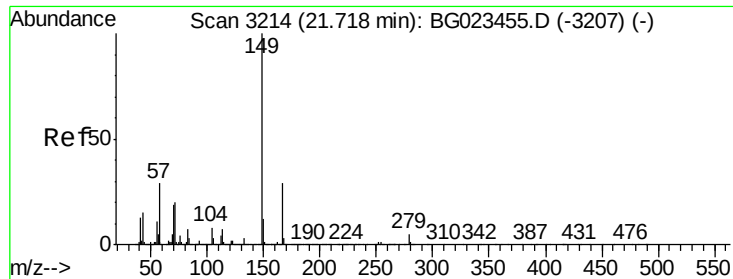


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

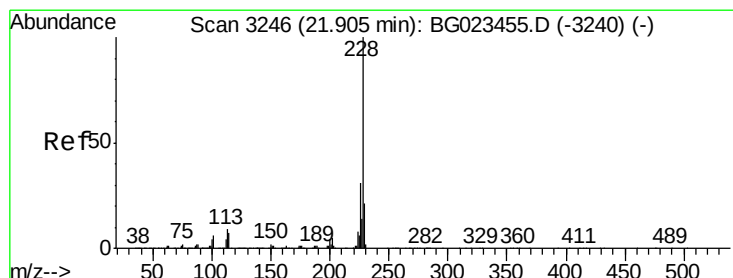
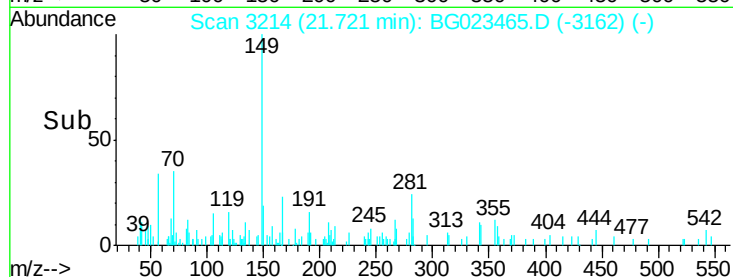
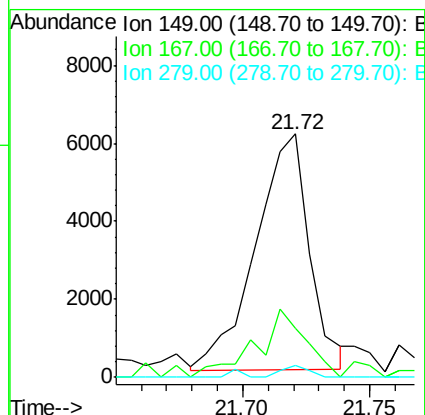
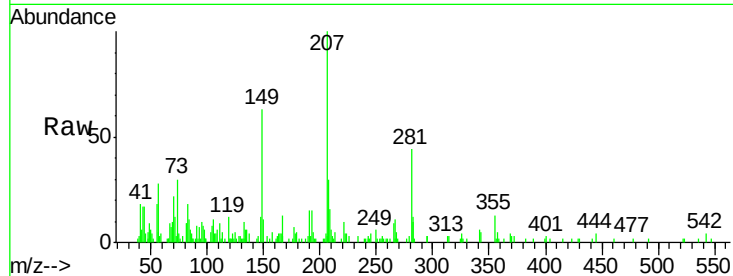




#81
 Bis(2-ethylhexyl)phthalate
 Concen: 0.26 ng/ul
 RT: 21.72 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: BG023465.D
 Acq: 4 Aug 2016 23:47

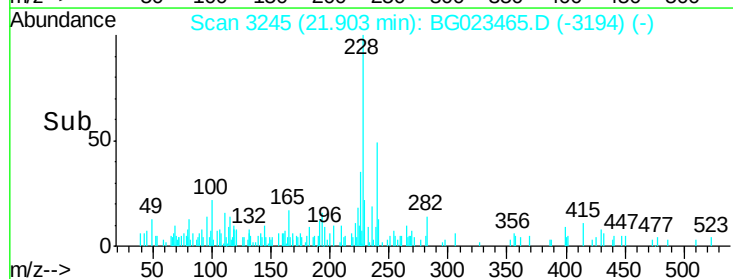
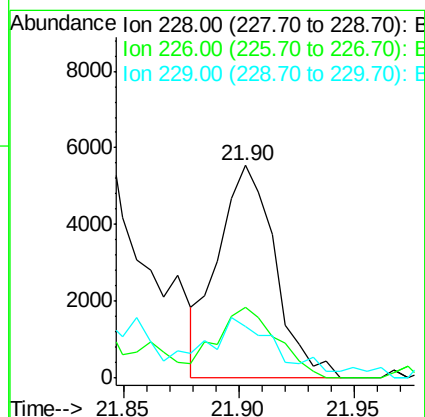
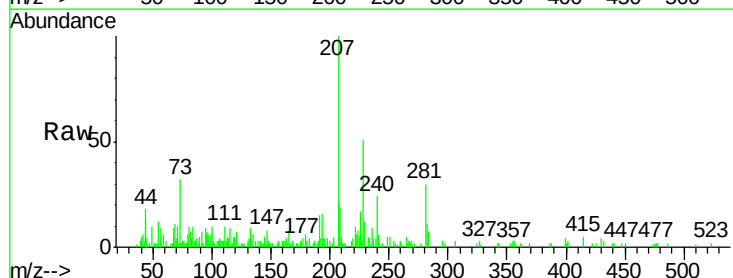
Instrument :
 BNA_G
 ClientSampleId :
 BDJJ9

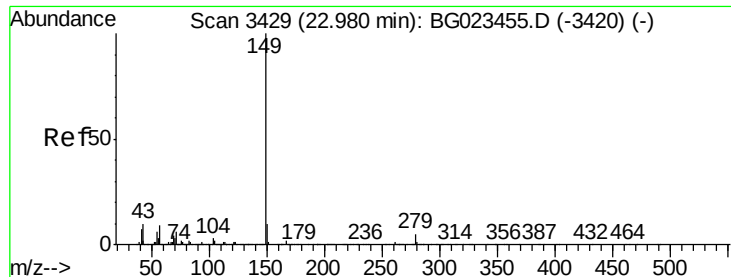
Tot Ion:149 Resp: 8990
 Ion Ratio Lower Upper
 149 100
 167 20.4 21.9 32.9#
 279 5.2 2.9 4.3#



#82
 Chrysene
 Concen: 0.17 ng/ul
 RT: 21.90 min Scan# 3245
 Delta R.T. -0.00 min
 Lab File: BG023465.D
 Acq: 4 Aug 2016 23:47

Tgt Ion:228 Resp: 9519
 Ion Ratio Lower Upper
 228 100
 226 33.6 24.2 36.4
 229 24.2 15.0 22.6#





#84

Di-n-octyl phthalate

Concen: 0.02 ng/ul

RT: 22.98 min Scan# 3429

Delta R.T. 0.00 min

Lab File: BG023465.D

Acq: 4 Aug 2016 23:47

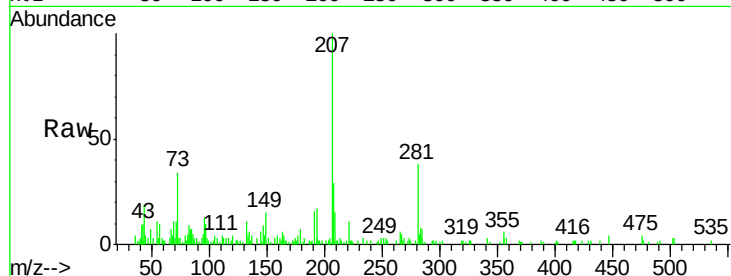
Instrument :

BNA_G

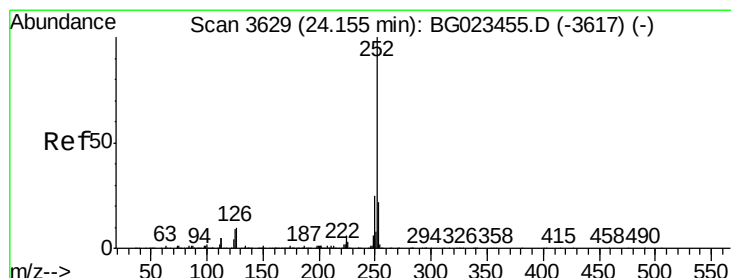
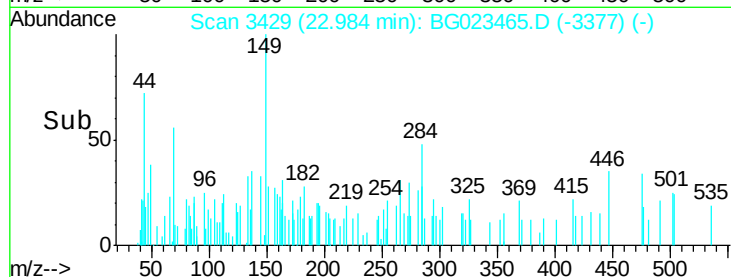
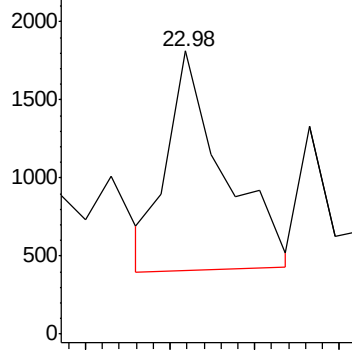
ClientSampleId :

BDJJ9

Tgt Ion:149 Resp: 1302



Abundance Ion 149.00 (148.70 to 149.70): E



#85

Benzo(b)fluoranthene

Concen: 0.19 ng/ul

RT: 24.15 min Scan# 3628

Delta R.T. -0.00 min

Lab File: BG023465.D

Acq: 4 Aug 2016 23:47

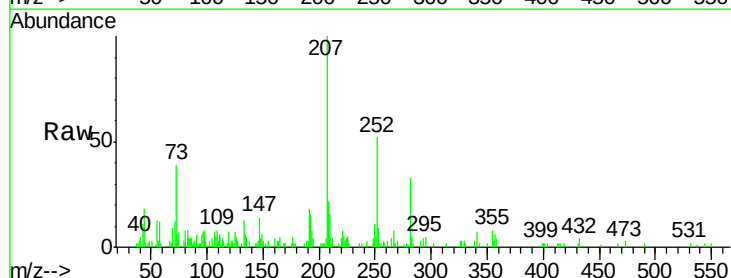
Tgt Ion:252 Resp: 11298

Ion Ratio Lower Upper

252 100

253 17.9 18.2 27.2#

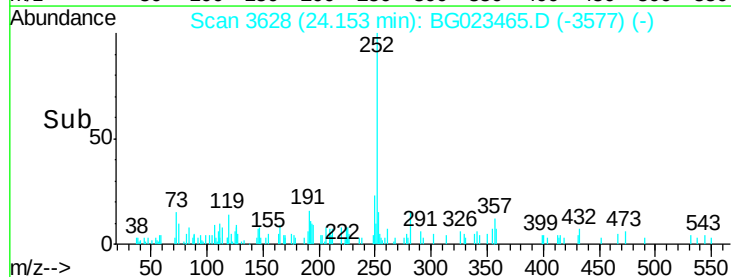
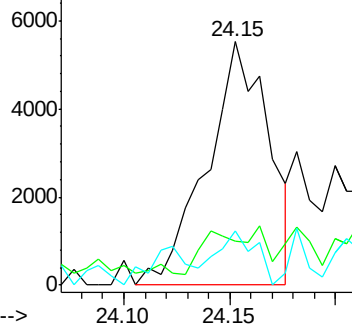
125 22.0 10.8 16.2#

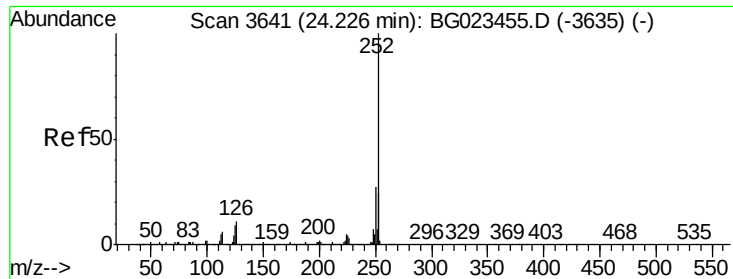


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 0.06 ng/ul

RT: 24.22 min Scan# 3639

Delta R.T. -0.01 min

Lab File: BG023465.D

Acq: 4 Aug 2016 23:47

Instrument :

BNA_G

ClientSampleId :

BDJJ9

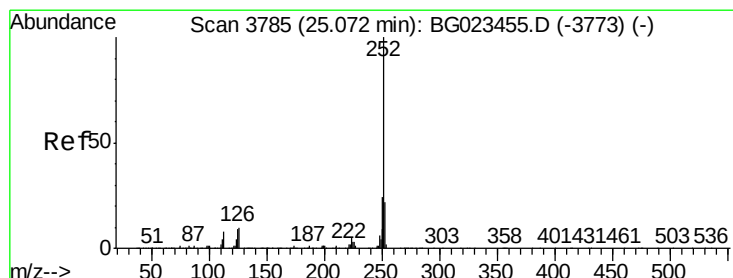
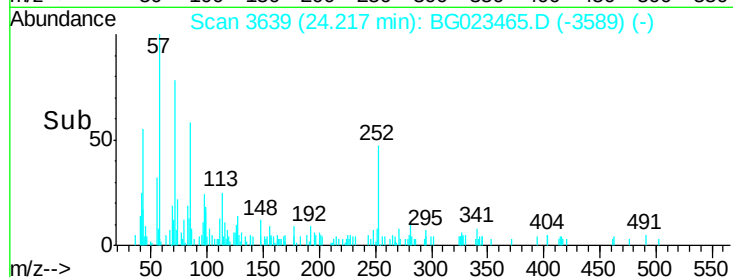
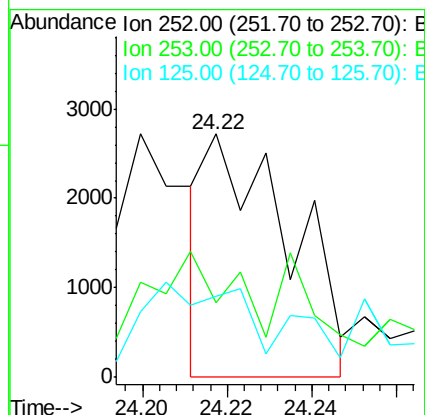
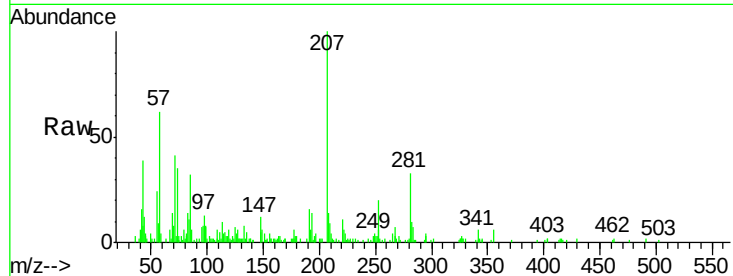
Tot Ion:252 Resp: 3738

Ion Ratio Lower Upper

252 100

253 30.4 15.8 23.6#

125 33.5 10.6 16.0#



#88

Benzo(a)pyrene

Concen: 0.11 ng/ul

RT: 25.06 min Scan# 3783

Delta R.T. -0.01 min

Lab File: BG023465.D

Acq: 4 Aug 2016 23:47

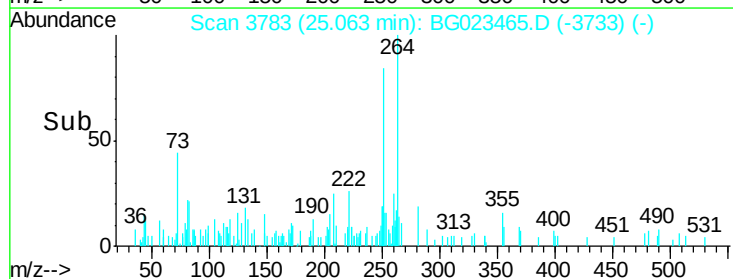
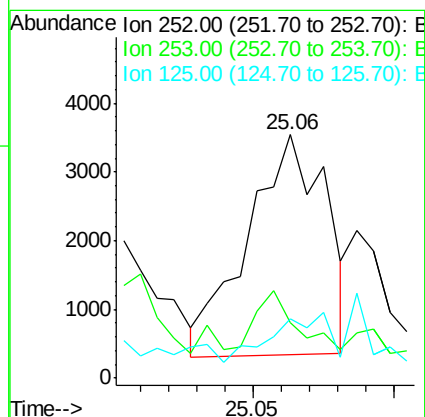
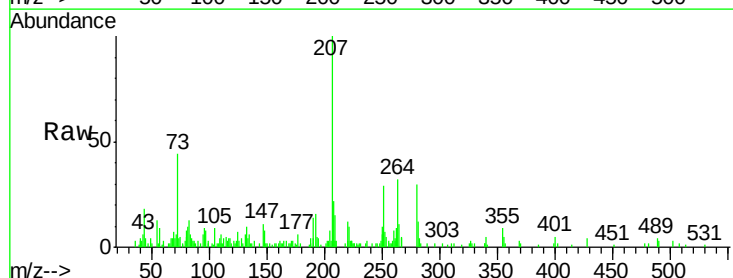
Tgt Ion:252 Resp: 6167

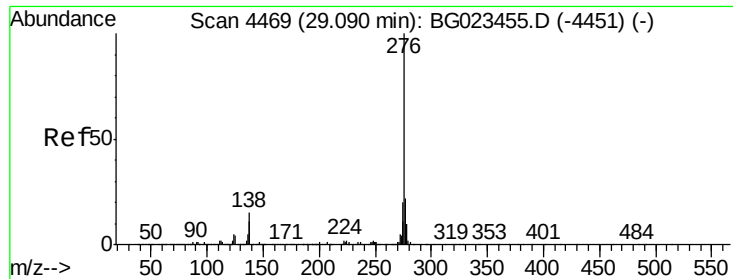
Ion Ratio Lower Upper

252 100

253 23.0 19.0 28.4

125 24.3 12.0 18.0#





#89

Indeno(1,2,3-cd)pyrene

Concen: 0.03 ng/ul

RT: 29.09 min Scan# 4468

Delta R.T. -0.00 min

Lab File: BG023465.D

Acq: 4 Aug 2016 23:47

Instrument :

BNA_G

ClientSampleId :

BDJJ9

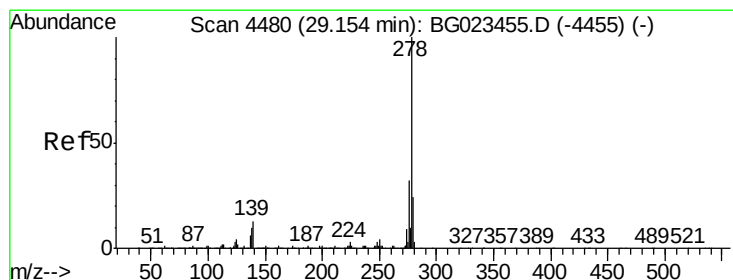
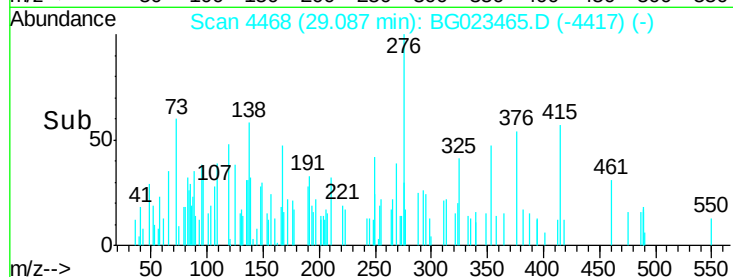
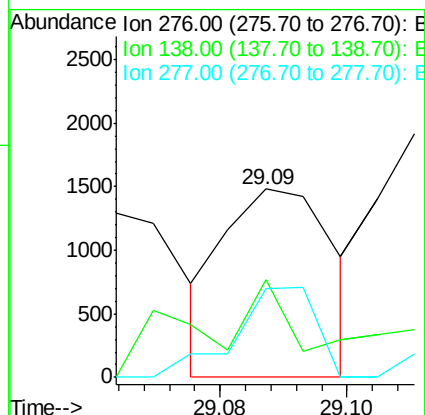
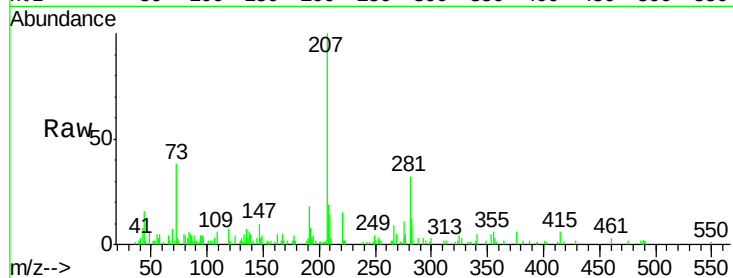
Tot Ion:276 Resp: 1766

Ion Ratio Lower Upper

276 100

138 52.1 20.8 31.2#

277 47.2 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: BG023465.D

Acq: 4 Aug 2016 23:47

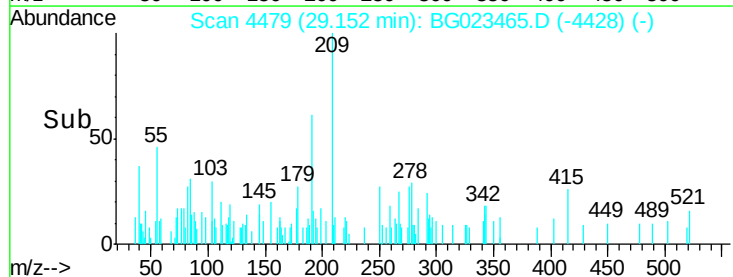
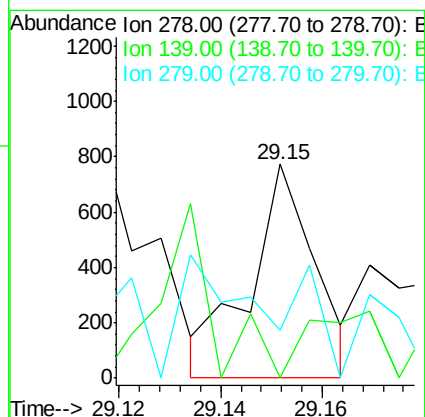
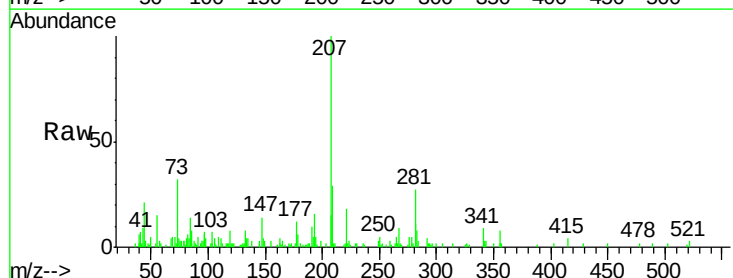
Tgt Ion:278 Resp: 683

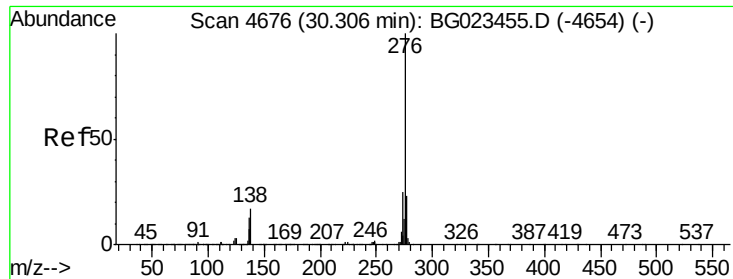
Ion Ratio Lower Upper

278 100

139 0.0 16.3 24.5#

279 22.6 19.1 28.7





#91

Benzo(a,h,i)perylene

Concen: 0.01 ng/ul

RT: 30.31 min Scan# 4677

Delta R.T. 0.01 min

Lab File: BG023465.D

Acq: 4 Aug 2016 23:47

Instrument :

BNA_G

ClientSampleId :

BDJJ9

Tot Ion:276 Resp: 584

Ion Ratio Lower Upper

276 100

138 12.0 22.1 33.1#

277 19.7 17.0 25.4

