

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080416\
 Data File : BG023461.D
 Acq On : 4 Aug 2016 21:07
 Operator : UM/SJ
 Sample : H4208-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDJJ5

Quant Time: Aug 05 02:34:01 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	96361	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	493057	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	394943	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.54	188	1085524	20.00	ng/ul	0.00
75) Chrysene-d12	21.86	240	1126543	20.00	ng/ul	0.00
83) Perylene-d12	25.23	264	1094018	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.49	96	4142	1.83	ng/uL	0.00
5) Phenol-d5	7.27	99	187111	19.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	130285	20.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.65	132	134385	20.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	150842	19.90	ng/ul	0.00
19) Nitrobenzene-d5	9.30	128	69328	17.84	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	81869	18.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	151749	18.02	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	193906	19.63	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	640499	19.81	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	693758	19.06	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	54798	9.93	ng/ul	0.00
57) Fluorene-d10	15.78	176	596894	19.98	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	76831	11.03	ng/ul	0.00
70) Anthracene-d10	17.64	188	990210	20.25	ng/ul	0.00
76) Pyrene-d10	19.93	212	1111708	19.50	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.00	264	937007	18.92	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.52	88	379	0.16 ng/uL#	30
4) Benzaldehyde	7.36	77	192	0.03 ng/ul#	1
6) Phenol	7.30	94	4359	0.43 ng/ul#	39
8) Bis(2-Chloroethyl)ether	7.52	93	981	0.13 ng/ul#	23
10) 2-Chlorophenol	7.57	128	69	0.01 ng/ul#	36
11) 2-Methylphenol	8.40	108	100	0.01 ng/ul#	1
12) 2,2'-oxybis(1-Chloropropan	8.71	45	157	0.02 ng/ul#	64
14) Acetophenone	8.94	105	56	0.00 ng/ul#	1
15) N-Nitroso-di-n-propylamine	8.92	70	91	0.01 ng/ul#	5
16) 4-Methylphenol	8.89	108	155	0.02 ng/ul#	1
17) Hexachloroethane	9.17	117	323	0.11 ng/ul#	10
20) Nitrobenzene	9.29	77	523	0.05 ng/ul#	12
21) Isophorone	9.84	82	100	0.00 ng/ul#	64
23) 2-Nitrophenol	10.00	139	72	0.01 ng/ul#	1
24) 2,4-Dimethylphenol	10.17	107	55	0.01 ng/ul#	13
25) Bis(2-Chloroethoxy)methane	10.35	93	81	0.01 ng/ul#	49
27) 2,4-Dichlorophenol	10.73	162	149	0.02 ng/ul#	25
28) Naphthalene	11.00	128	297	0.01 ng/ul#	67
30) 4-Chloroaniline	11.12	127	73	0.01 ng/ul#	41
31) Hexachlorobutadiene	11.09	225	110	0.02 ng/ul#	16
32) Caprolactam	11.87	113	81	0.02 ng/ul#	34
33) 4-Chloro-3-methylphenol	12.22	107	214	0.02 ng/ul#	15
34) 2-Methylnaphthalene	12.63	142	72	0.00 ng/ul	99

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080416\
 Data File : BG023461.D
 Acq On : 4 Aug 2016 21:07
 Operator : UM/SJ
 Sample : H4208-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

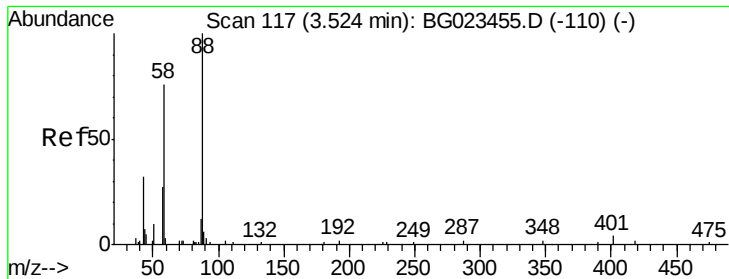
Instrument :
 BNA_G
 ClientSampleId :
 BDJJ5

Quant Time: Aug 05 02:34:01 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)

38) 2,4,6-Trichlorophenol	13.21	196	59	0.01	ng/ul#	12
39) 2,4,5-Trichlorophenol	13.21	196	59	0.01	ng/ul#	10
40) 1,1'-Biphenyl	13.61	154	308	0.01	ng/ul#	41
41) 2-Chloronaphthalene	13.63	162	124	0.01	ng/ul#	40
42) 2-Nitroaniline	13.97	65	227	0.02	ng/ul#	1
44) Dimethylphthalate	14.22	163	351612	10.98	ng/ul	98
45) 2,6-Dinitrotoluene	14.30	165	134	0.02	ng/ul#	34
47) Acenaphthylene	14.50	152	364	0.01	ng/ul#	69
48) 3-Nitroaniline	14.69	138	56	0.01	ng/ul#	6
49) Acenaphthene	14.84	153	175	0.01	ng/ul#	38
52) 4-Nitrophenol	15.18	109	182	0.03	ng/ul#	11
54) 2,4-Dinitrotoluene	15.09	165	55	0.01	ng/ul#	1
56) Diethylphthalate	15.59	149	1513	0.05	ng/ul#	59
58) Fluorene	15.84	166	64	0.00	ng/ul#	8
60) 4-Nitroaniline	15.88	138	154	0.02	ng/ul#	1
63) 4,6-Dinitro-2-methylphenol	15.92	198	134	0.02	ng/ul#	1
64) N-Nitrosodiphenylamine	16.04	169	116	0.00	ng/ul#	21
67) Atrazine	16.94	200	255	0.02	ng/ul#	36
69) Phenanthrene	17.58	178	3571	0.06	ng/ul#	82
71) Anthracene	17.68	178	751	0.01	ng/ul#	59
72) Carbazole	17.95	167	292	0.01	ng/ul#	57
73) Di-n-butylphthalate	18.50	149	4559	0.08	ng/ul#	81
74) Fluoranthene	19.60	202	7305	0.13	ng/ul#	77
77) Pyrene	19.96	202	7399	0.11	ng/ul#	79
78) Butylbenzylphthalate	20.83	149	307	0.01	ng/ul#	1
79) 3,3'-Dichlorobenzidine	21.74	252	241	0.01	ng/ul#	70
80) Benzo(a)anthracene	21.84	228	4259	0.07	ng/ul#	84
81) Bis(2-ethylhexyl)phthalate	21.71	149	7080	0.20	ng/ul#	82
82) Chrysene	21.90	228	1651	0.03	ng/ul#	91
84) Di-n-octyl phthalate	22.98	149	1375	0.02	ng/ul	100
85) Benzo(b)fluoranthene	24.18	252	1528	0.02	ng/ul	96
86) Benzo(k)fluoranthene	24.23	252	2135	0.03	ng/ul#	73
88) Benzo(a)pyrene	25.23	252	2785	0.05	ng/ul	93
89) Indeno(1,2,3-cd)pyrene	29.11	276	649	0.01	ng/ul	93
90) Dibenzo(a,h)anthracene	29.16	278	472	0.01	ng/ul#	30
91) Benzo(a,h,i)perylene	30.29	276	367	0.01	ng/ul#	67

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



#2

1,4-Dioxane

Concen: 0.16 ng/uL

RT: 3.52 min Scan# 116

Delta R.T. -0.00 min

Lab File: BG023461.D

Acq: 4 Aug 2016 21:07

Instrument :

BNA_G

ClientSampled :

BDJJ5

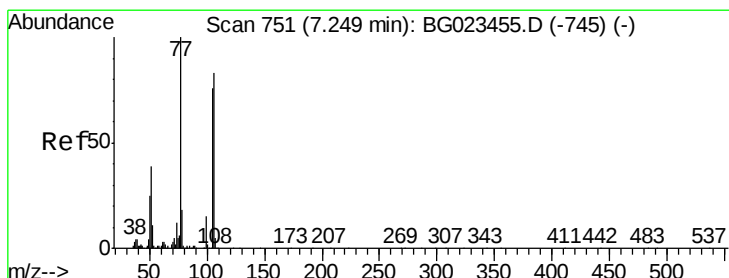
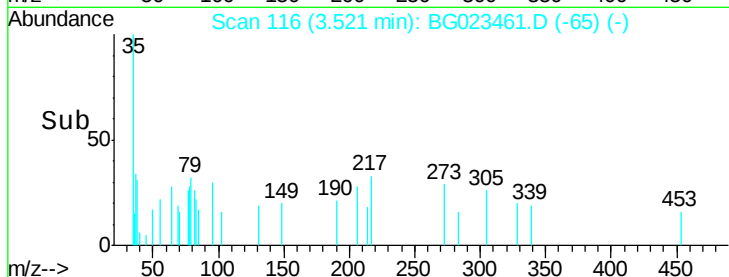
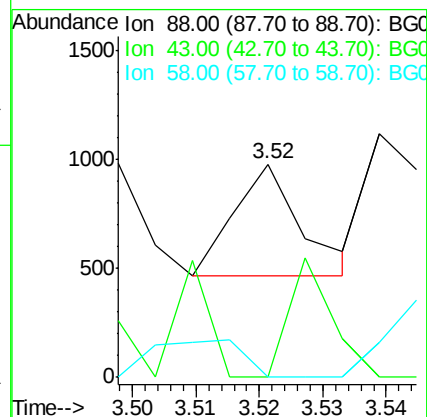
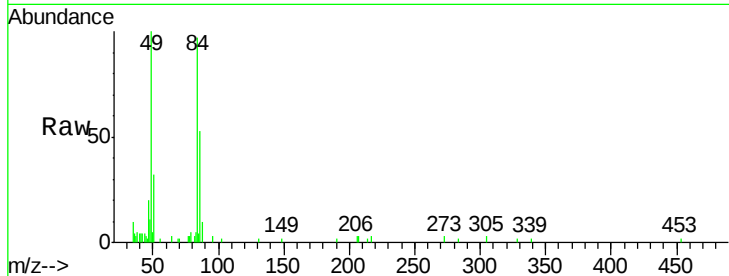
Tot Ion: 88 Resp: 379

Ion Ratio Lower Upper

88 100

43 0.0 16.6 24.8#

58 0.0 47.2 70.8#



#4

Benzaldehyde

Concen: 0.03 ng/uL

RT: 7.36 min Scan# 770

Delta R.T. 0.11 min

Lab File: BG023461.D

Acq: 4 Aug 2016 21:07

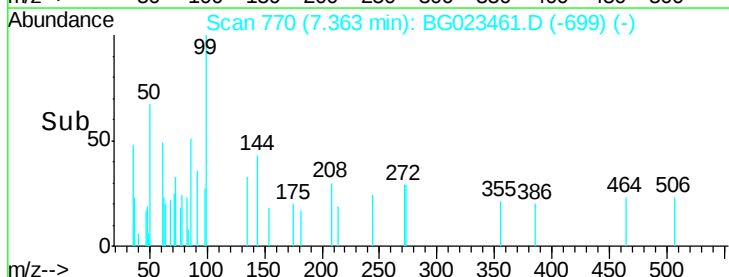
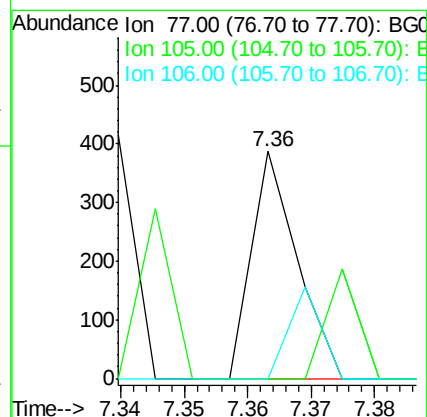
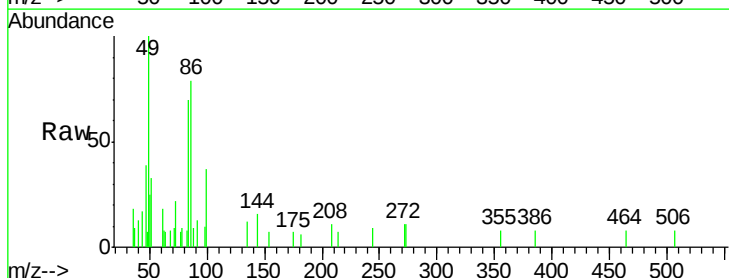
Tgt Ion: 77 Resp: 192

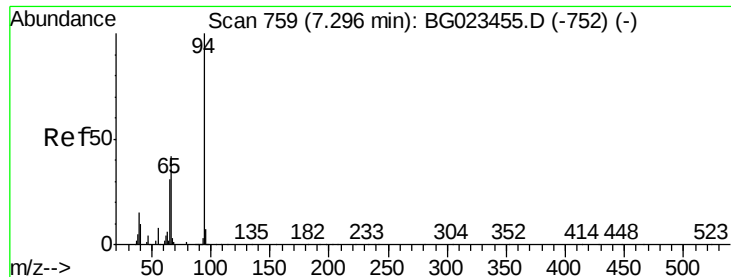
Ion Ratio Lower Upper

77 100

105 0.0 83.8 125.8#

106 0.0 77.9 116.9#





#6

Phenol

Concen: 0.43 ng/ul

RT: 7.30 min Scan# 759

Delta R.T. 0.00 min

Lab File: BG023461.D

Acq: 4 Aug 2016 21:07

Instrument :

BNA_G

ClientSampleId :

BDJJ5

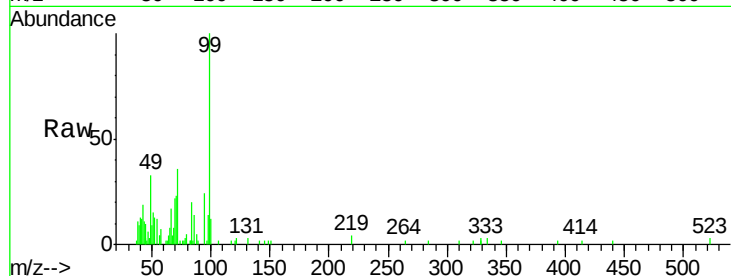
Tot Ion: 94 Resp: 4359

Ion Ratio Lower Upper

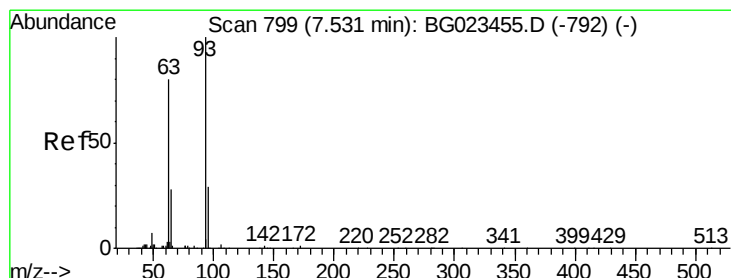
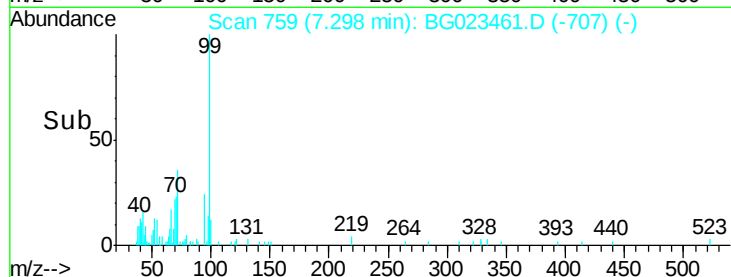
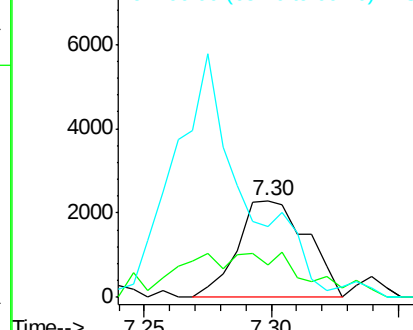
94 100

65 33.5 16.8 25.2#

66 73.5 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: 0.13 ng/ul

RT: 7.52 min Scan# 797

Delta R.T. -0.01 min

Lab File: BG023461.D

Acq: 4 Aug 2016 21:07

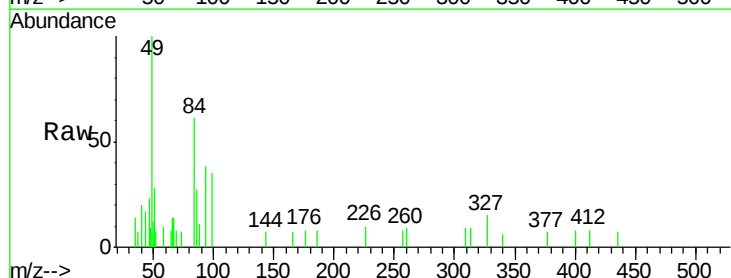
Tgt Ion: 93 Resp: 981

Ion Ratio Lower Upper

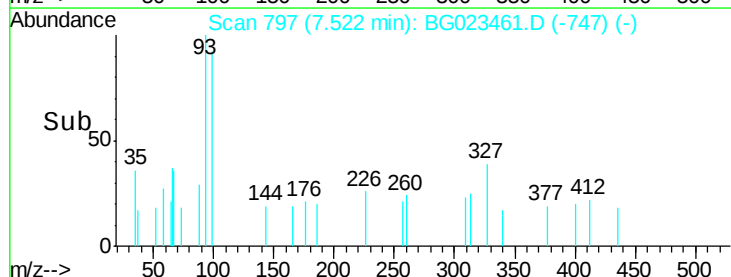
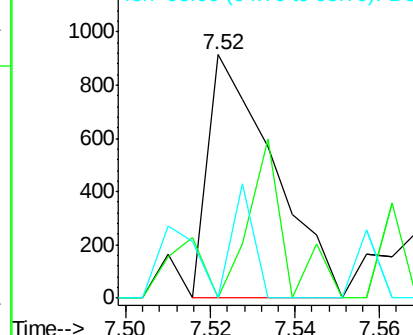
93 100

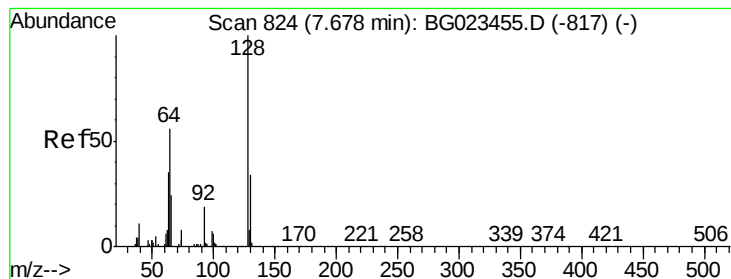
63 0.0 56.0 84.0#

95 0.0 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: 7.57 min Scan# 805

Delta R.T. -0.11 min

Lab File: BG023461.D

Acq: 4 Aug 2016 21:07

Instrument :

BNA_G

ClientSampleId :

BDJJ5

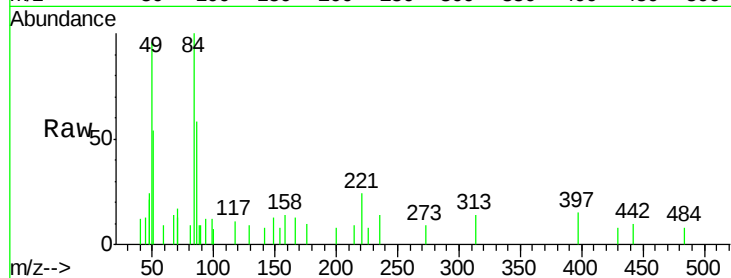
Tot Ion:128 Resp: 69

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

400

300

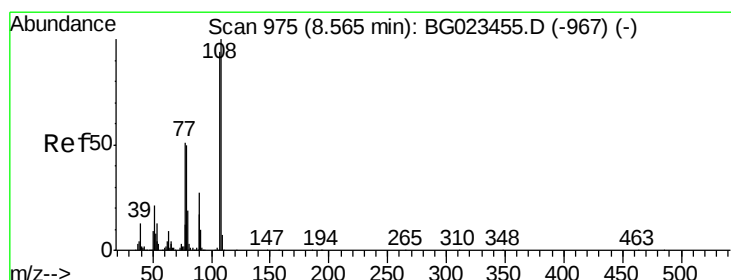
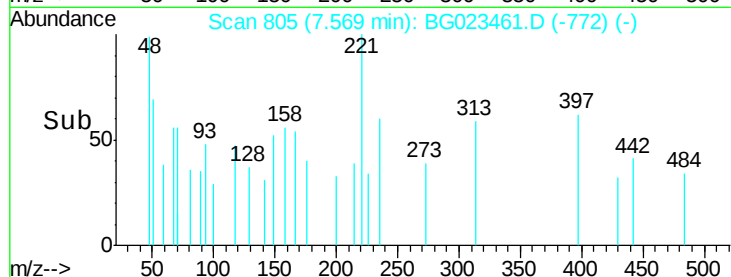
200

100

0

7.56 7.57 7.57 7.58

Time-->



#11

2-Methylphenol

Concen: 0.01 ng/ul

RT: 8.40 min Scan# 946

Delta R.T. -0.17 min

Lab File: BG023461.D

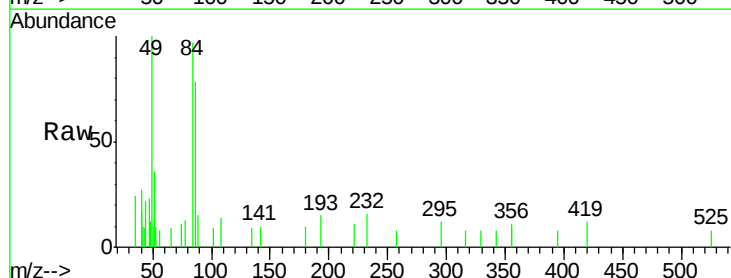
Acq: 4 Aug 2016 21:07

Tgt Ion:108 Resp: 100

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

300

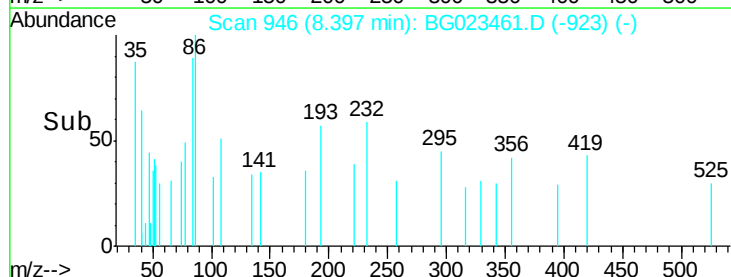
200

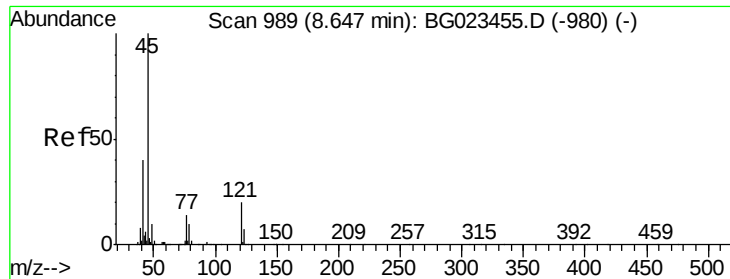
100

0

8.39 8.39 8.40 8.40

Time-->

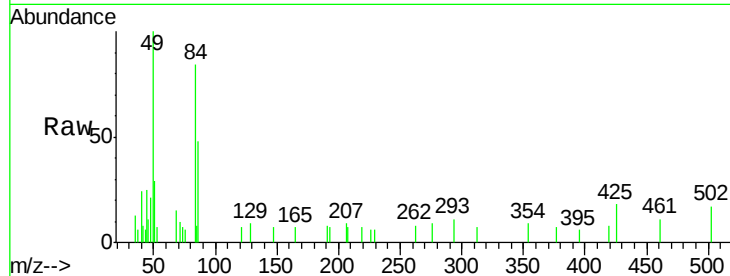




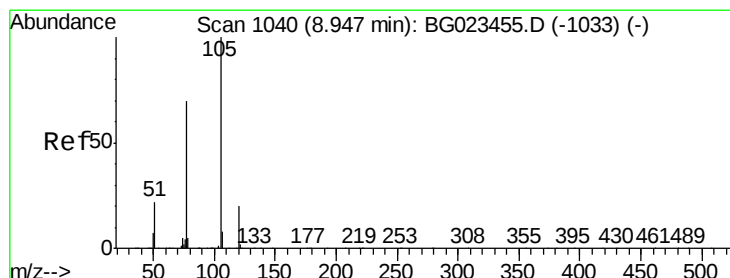
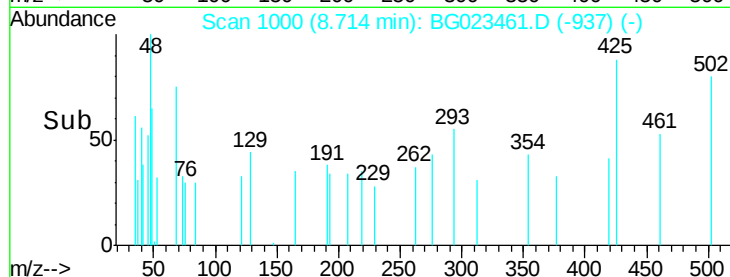
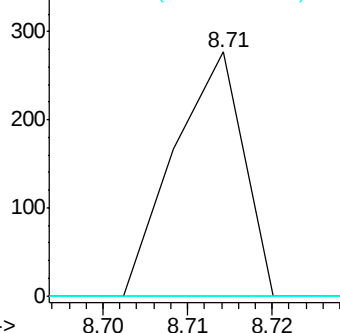
#12
2,2'-oxvbis(1-Chloropropane)
Concen: 0.02 ng/ul
RT: 8.71 min Scan# 1000
Delta R.T. 0.07 min
Lab File: BG023461.D
Acq: 4 Aug 2016 21:07

Instrument :
BNA_G
ClientSampled :
BDJJ5

Tot Ion: 45 Resp: 157
Ion Ratio Lower Upper
45 100
77 0.0 13.4 20.2#
79 0.0 10.2 15.4#

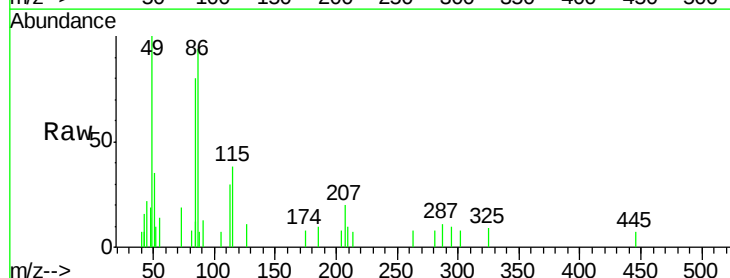


Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

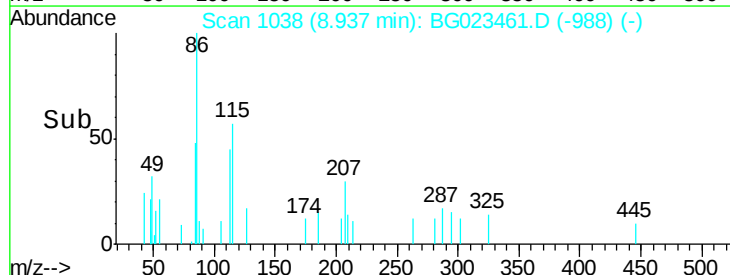
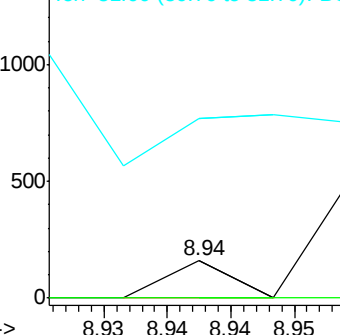


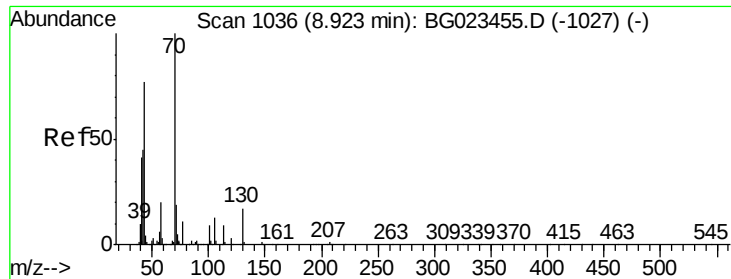
#14
Acetophenone
Concen: 0.00 ng/ul
RT: 8.94 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BG023461.D
Acq: 4 Aug 2016 21:07

Tgt Ion: 105 Resp: 56
Ion Ratio Lower Upper
105 100
77 0.0 56.1 84.1#
51 484.9 14.6 22.0#



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

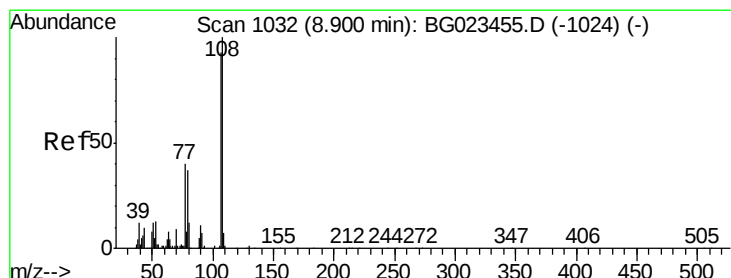
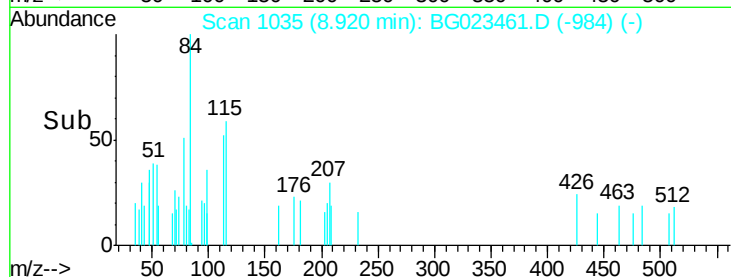
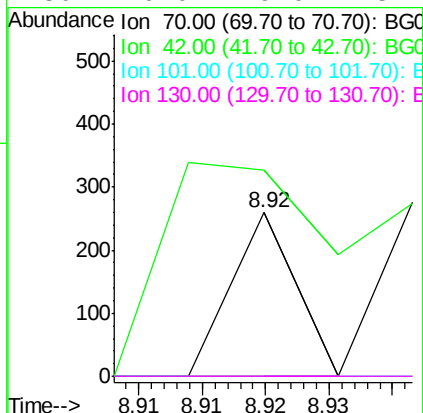
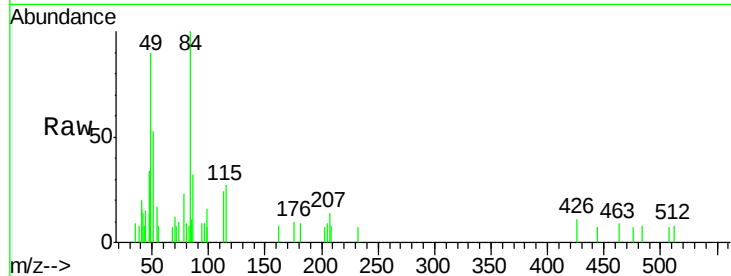




#15
N-Nitroso-di-n-propylamine
Concen: 0.01 ng/ul
RT: 8.92 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BG023461.D
Acq: 4 Aug 2016 21:07

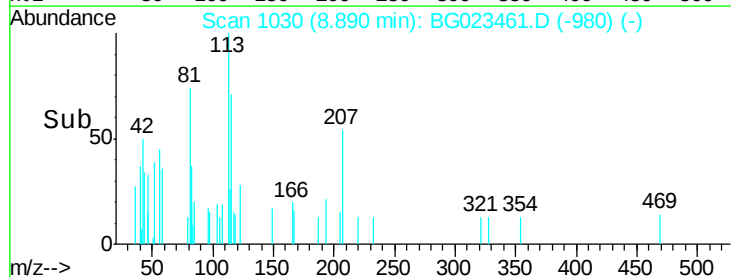
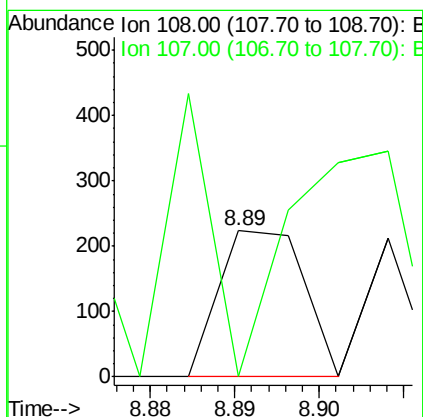
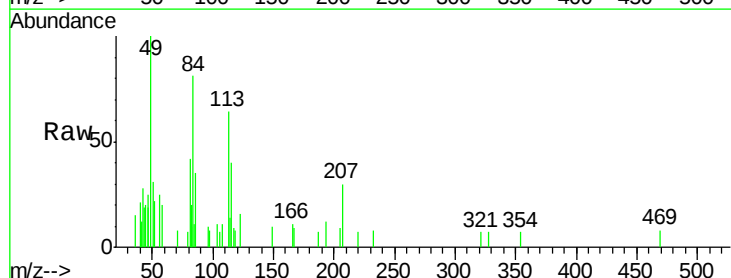
Instrument :
BNA_G
ClientSampleId :
BDJJ5

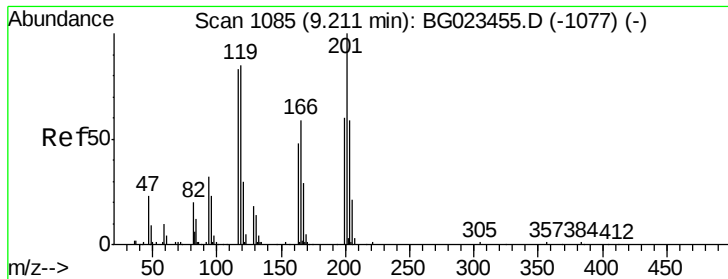
Tot Ion:	70	Resp:	91
Ion	Ratio	Lower	Upper
70	100		
42	125.9	31.4	47.2#
101	0.0	8.6	13.0#
130	0.0	19.0	28.4#



#16
4-Methylphenol
Concen: 0.02 ng/ul
RT: 8.89 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BG023461.D
Acq: 4 Aug 2016 21:07

Tgt Ion:	108	Resp:	155
Ion	Ratio	Lower	Upper
108	100		
107	0.0	88.3	132.5#





#17

Hexachloroethane

Concen: 0.11 ng/ul

RT: 9.17 min Scan# 1077

Delta R.T. -0.04 min

Lab File: BG023461.D

Acq: 4 Aug 2016 21:07

Instrument :

BNA_G

ClientSampleID :

BDJJ5

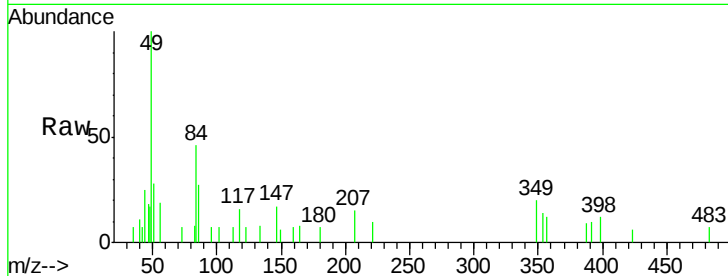
Tot Ion:117 Resp: 323

Ion Ratio Lower Upper

117 100

201 0.0 76.8 115.2#

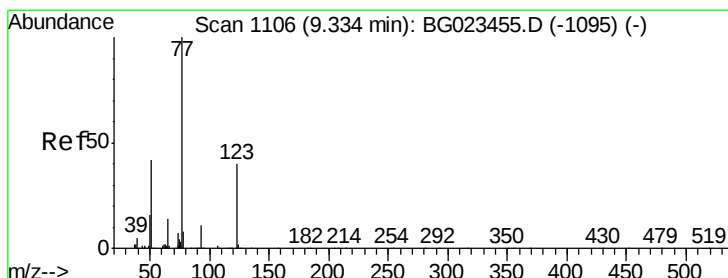
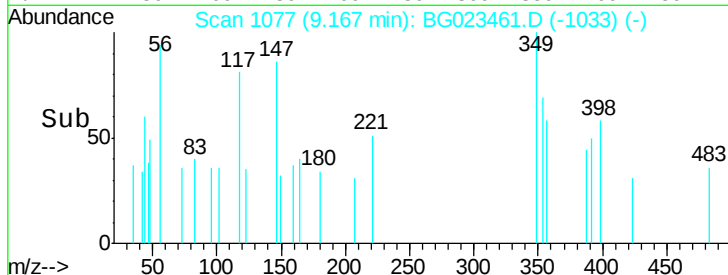
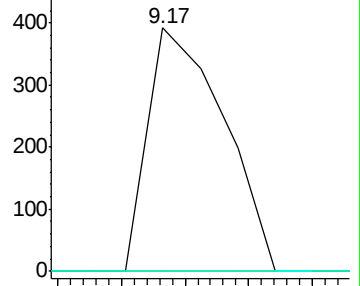
199 0.0 43.5 65.3#



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: 0.05 ng/ul

RT: 9.29 min Scan# 1098

Delta R.T. -0.04 min

Lab File: BG023461.D

Acq: 4 Aug 2016 21:07

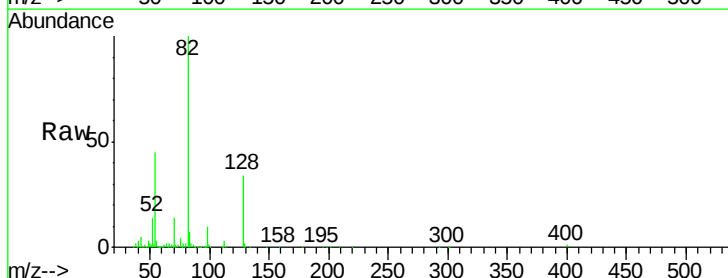
Tgt Ion: 77 Resp: 523

Ion Ratio Lower Upper

77 100

123 0.0 39.5 59.3#

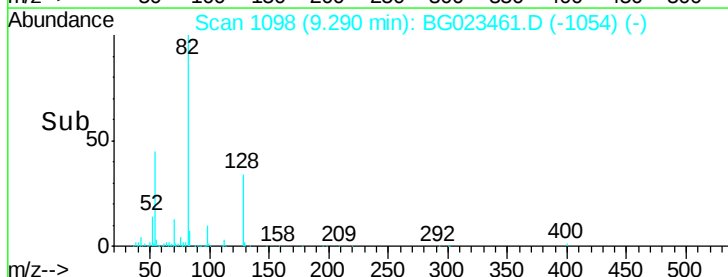
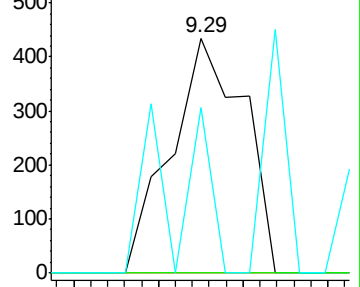
65 70.6 9.0 13.4#

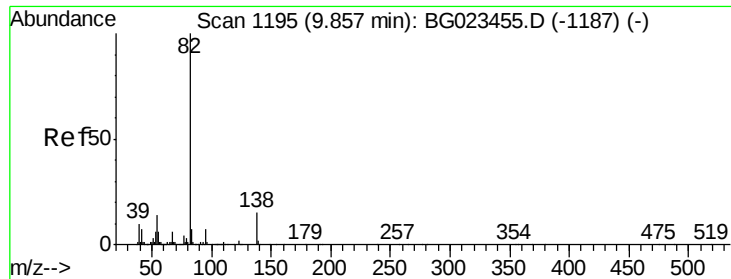


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BGC

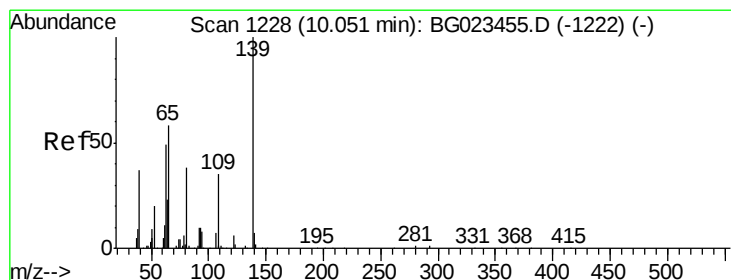
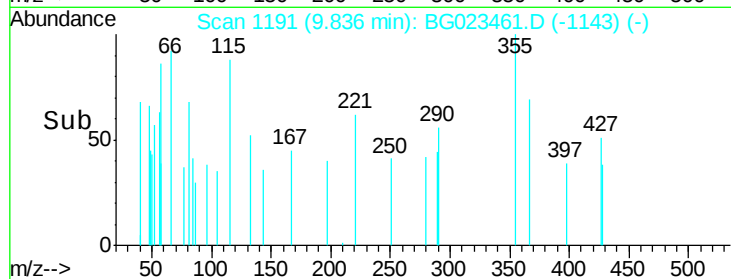
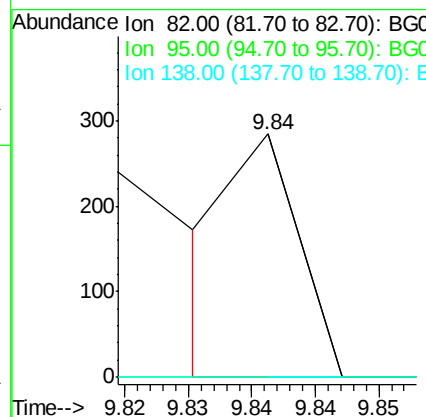
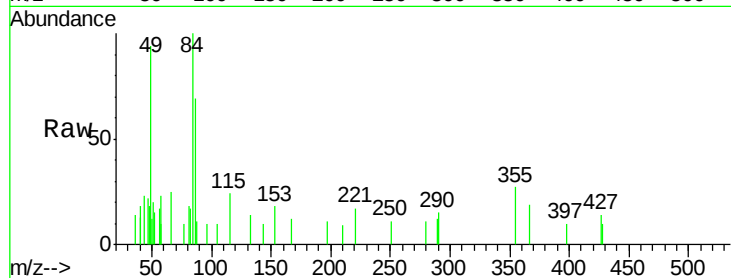




#21
Isophorone
Concen: 0.00 ng/ul
RT: 9.84 min Scan# 1191
Delta R.T. -0.02 min
Lab File: BG023461.D
Acq: 4 Aug 2016 21:07

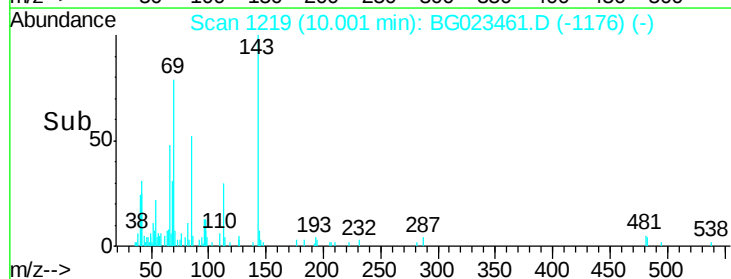
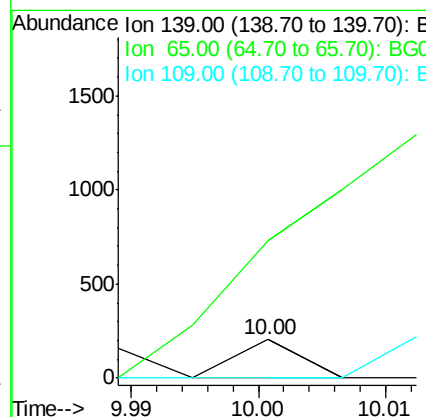
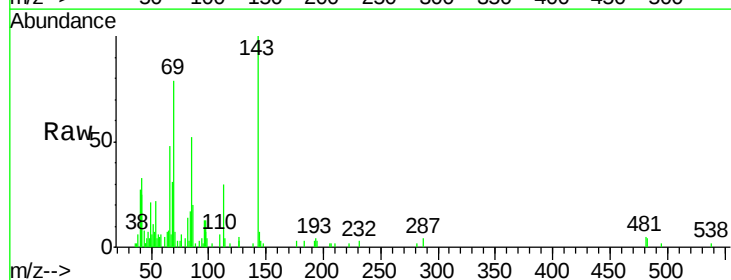
Instrument :
BNA_G
ClientSampled :
BDJJ5

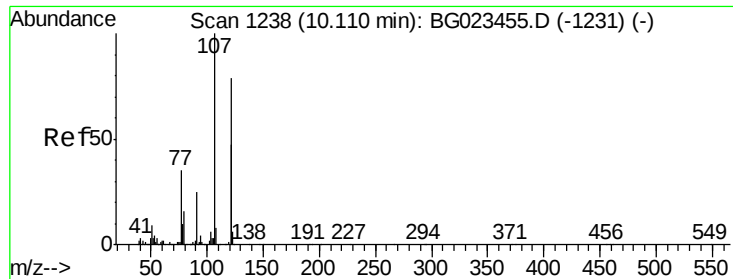
Tot Ion: 82 Resp: 100
Ion Ratio Lower Upper
82 100
95 0.0 5.1 7.7#
138 0.0 15.0 22.6#



#23
2-Nitrophenol
Concen: 0.01 ng/ul
RT: 10.00 min Scan# 1219
Delta R.T. -0.05 min
Lab File: BG023461.D
Acq: 4 Aug 2016 21:07

Tgt Ion: 139 Resp: 72
Ion Ratio Lower Upper
139 100
65 358.8 31.8 47.8#
109 0.0 17.1 25.7#

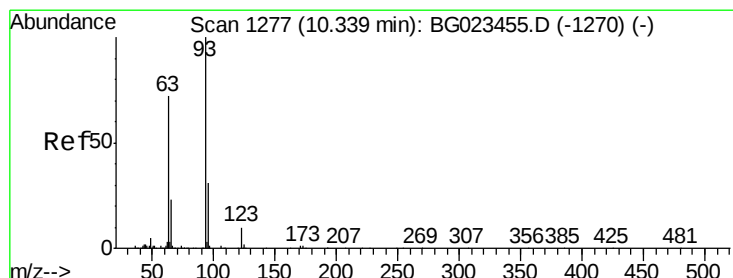
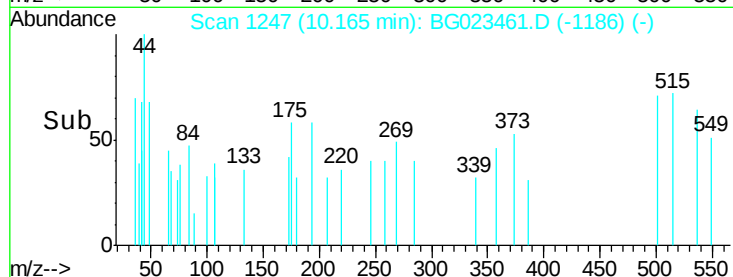
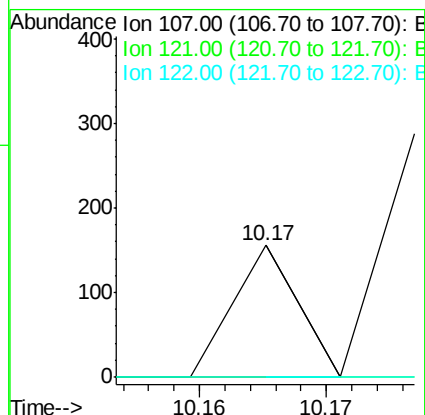
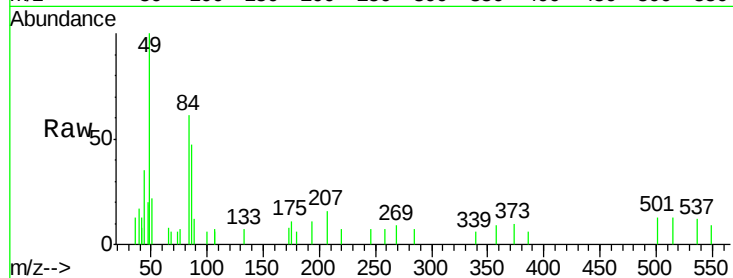




#24
2,4-Dimethylphenol
Concen: 0.01 ng/ul
RT: 10.17 min Scan# 1247
Delta R.T. 0.06 min
Lab File: BG023461.D
Acq: 4 Aug 2016 21:07

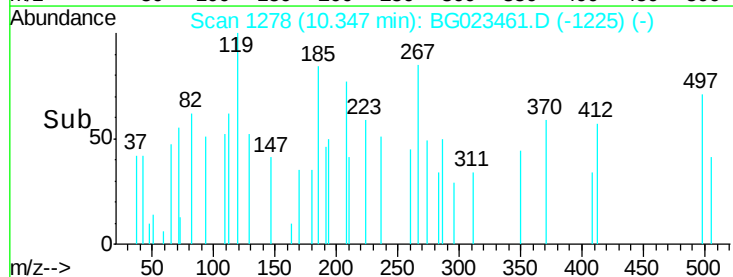
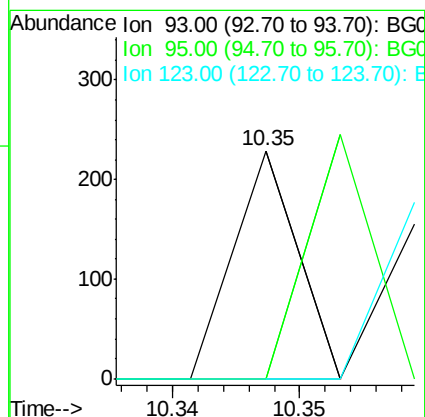
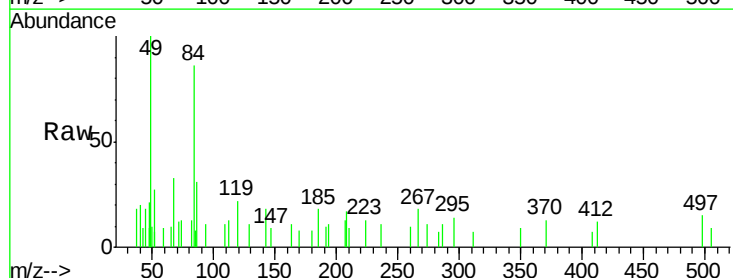
Instrument :
BNA_G
ClientSampleId :
BDJJ5

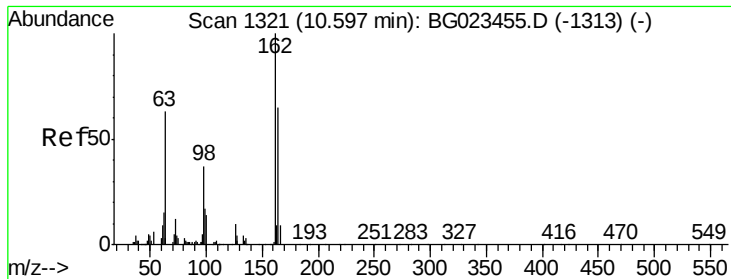
Tot Ion	Ratio	Lower	Upper
107	100		
121	0.0	43.7	65.5#
122	0.0	70.3	105.5#



#25
Bis(2-Chloroethoxy)methane
Concen: 0.01 ng/ul
RT: 10.35 min Scan# 1278
Delta R.T. 0.01 min
Lab File: BG023461.D
Acq: 4 Aug 2016 21:07

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

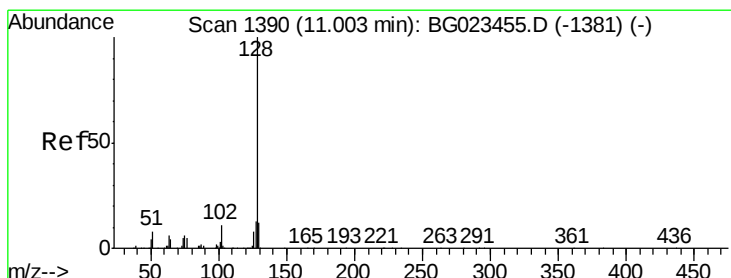
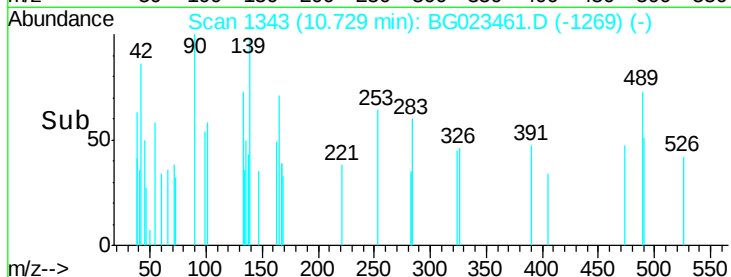
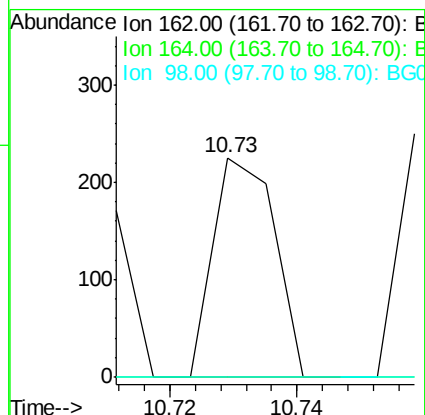
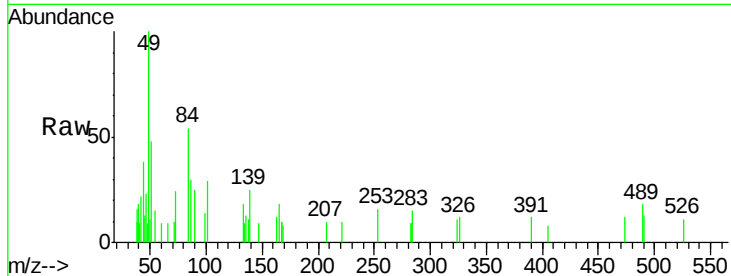




#27
2,4-Dichlorophenol
Concen: 0.02 ng/ul
RT: 10.73 min Scan# 1343
Delta R.T. 0.13 min
Lab File: BG023461.D
Acq: 4 Aug 2016 21:07

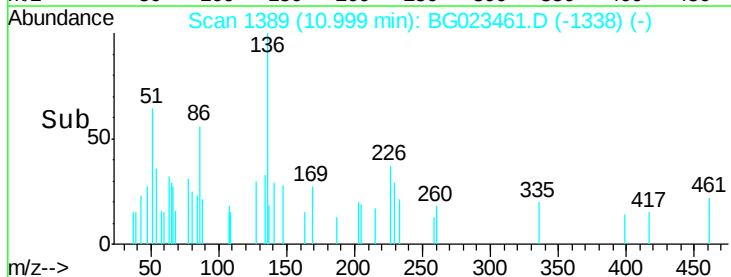
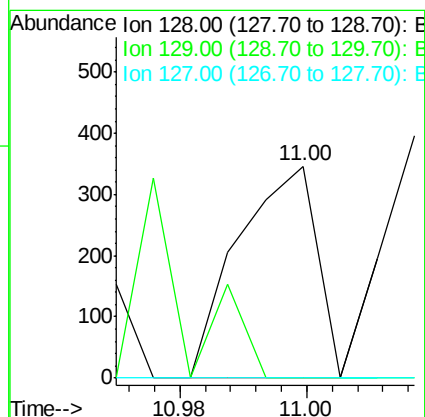
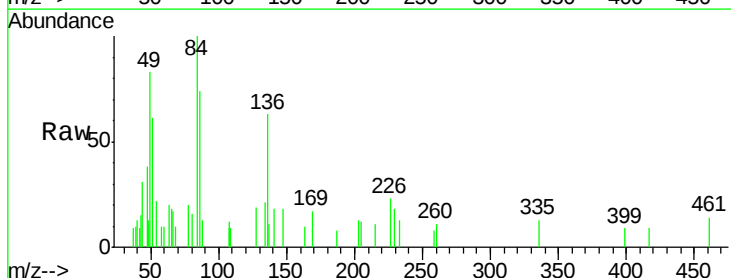
Instrument :
BNA_G
ClientSampleId :
BDJJ5

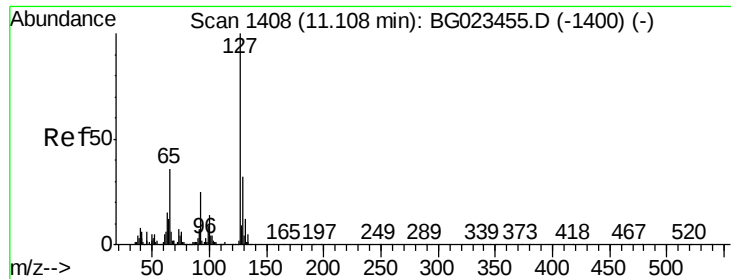
Tot Ion:162 Resp: 149
Ion Ratio Lower Upper
162 100
164 0.0 51.6 77.4#
98 0.0 28.3 42.5#



#28
Naphthalene
Concen: 0.01 ng/ul
RT: 11.00 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BG023461.D
Acq: 4 Aug 2016 21:07

Tgt Ion:128 Resp: 297
Ion Ratio Lower Upper
128 100
129 0.0 9.4 14.2#
127 0.0 11.2 16.8#

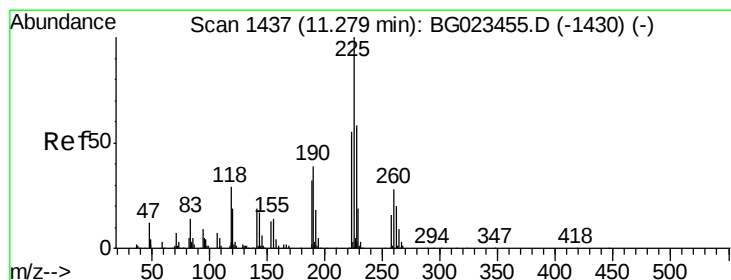
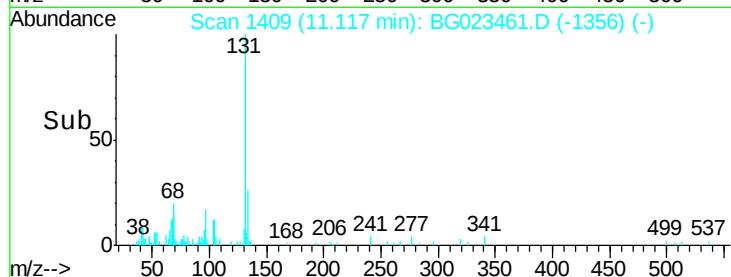
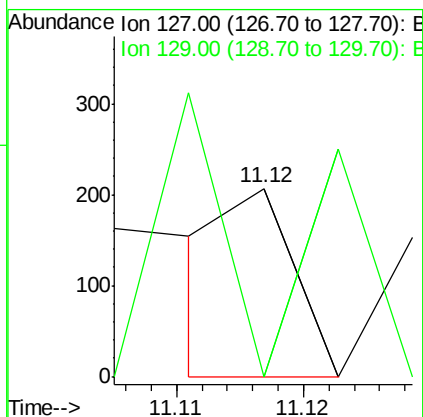
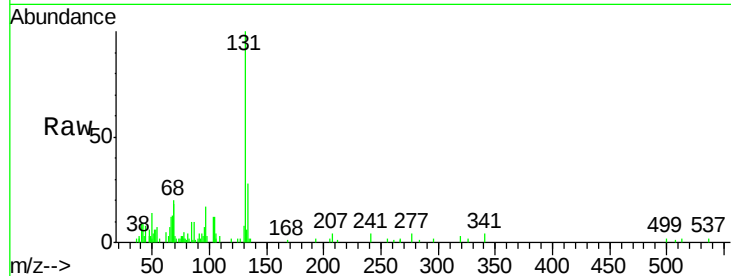




#30
4-Chloroaniline
Concen: 0.01 ng/ul
RT: 11.12 min Scan# 1409
Delta R.T. 0.01 min
Lab File: BG023461.D
Acq: 4 Aug 2016 21:07

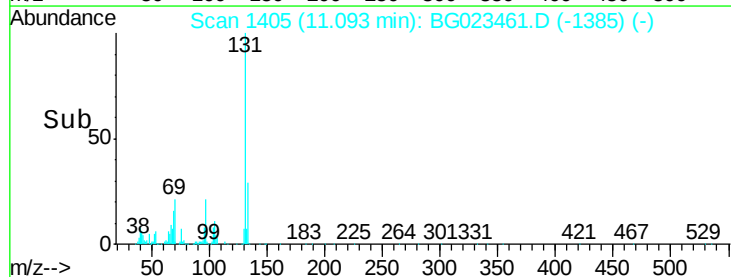
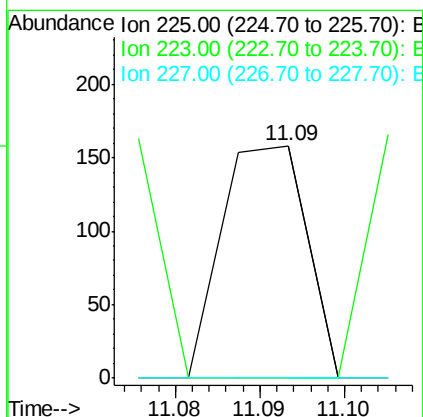
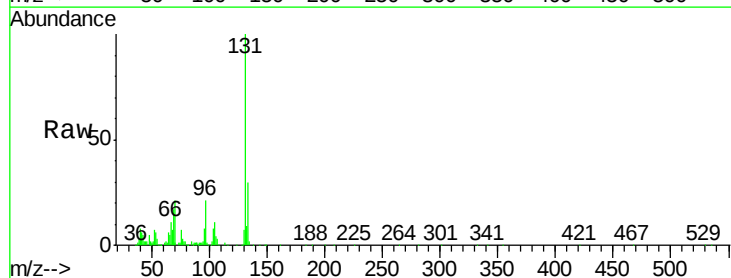
Instrument :
BNA_G
ClientSampleId :
BDJJ5

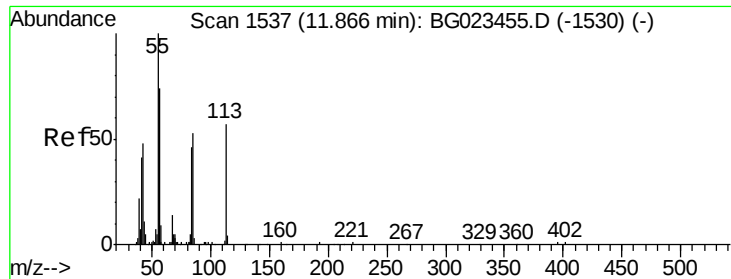
Tot Ion:127 Resp: 73
Ion Ratio Lower Upper
127 100
129 0.0 26.9 40.3#



#31
Hexachlorobutadiene
Concen: 0.02 ng/ul
RT: 11.09 min Scan# 1405
Delta R.T. -0.19 min
Lab File: BG023461.D
Acq: 4 Aug 2016 21:07

Tgt Ion:225 Resp: 110
Ion Ratio Lower Upper
225 100
223 0.0 54.7 82.1#
227 0.0 52.2 78.4#





#32

Caprolactam

Concen: 0.02 ng/ul

RT: 11.87 min Scan# 1538

Delta R.T. 0.01 min

Lab File: BG023461.D

Acq: 4 Aug 2016 21:07

Instrument :

BNA_G

ClientSampleId :

BDJJ5

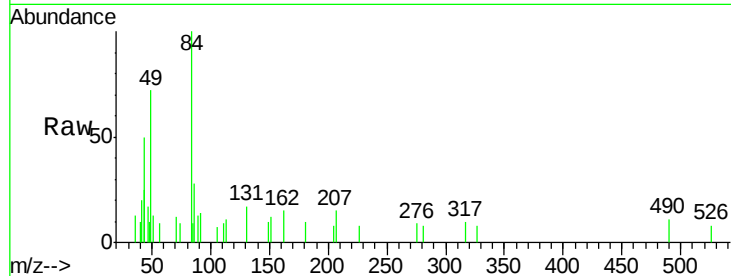
Tot Ion:113 Resp: 81

Ion Ratio Lower Upper

113 100

55 0.0 99.6 149.4#

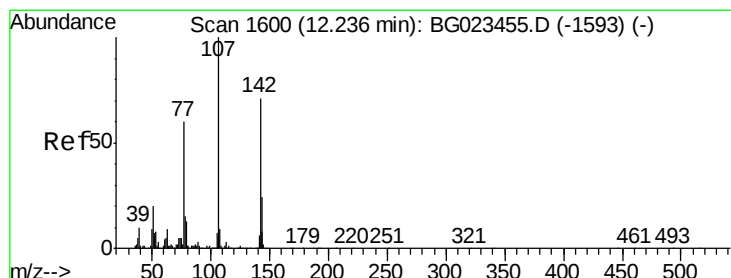
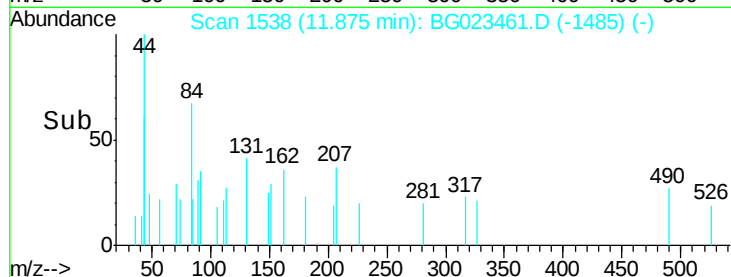
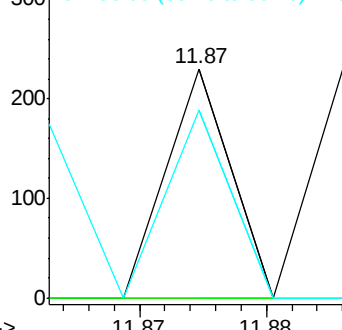
56 81.7 66.4 99.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#33

4-Chloro-3-methylphenol

Concen: 0.02 ng/ul

RT: 12.22 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BG023461.D

Acq: 4 Aug 2016 21:07

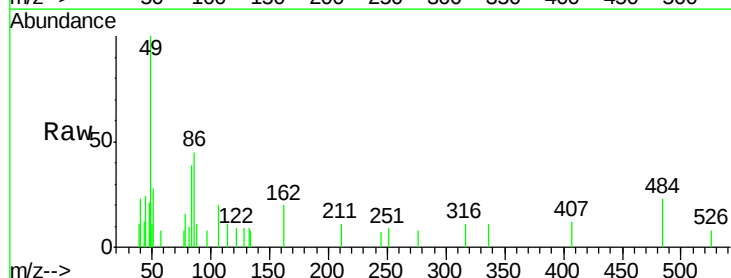
Tgt Ion:107 Resp: 214

Ion Ratio Lower Upper

107 100

144 0.0 22.7 34.1#

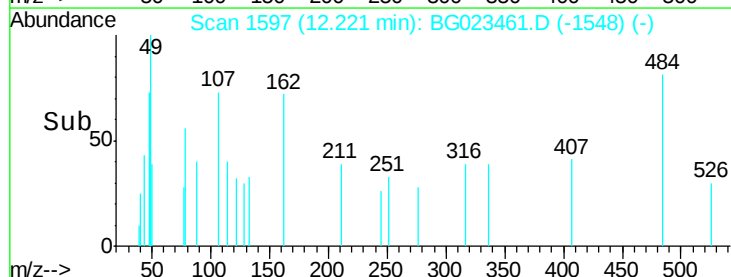
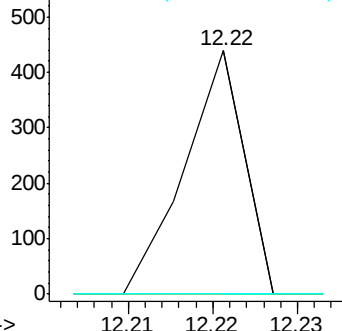
142 0.0 71.6 107.4#

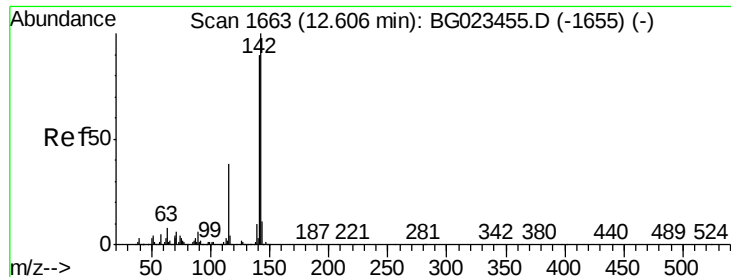


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

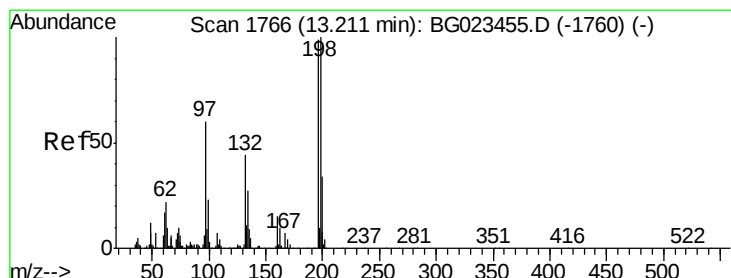
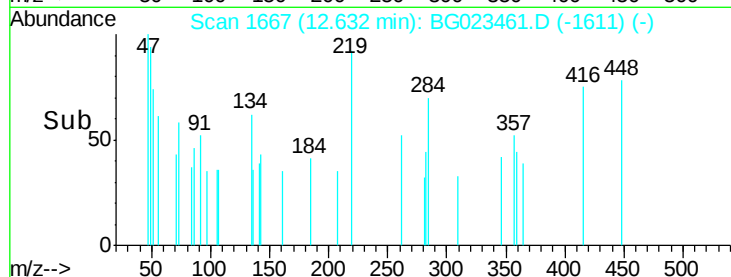
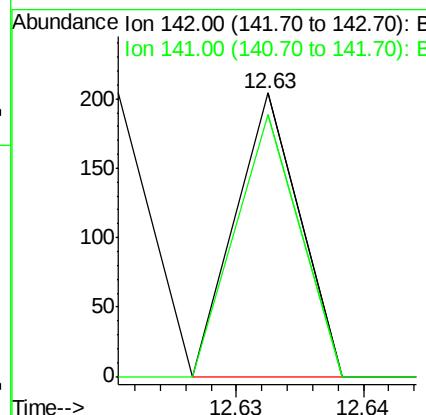
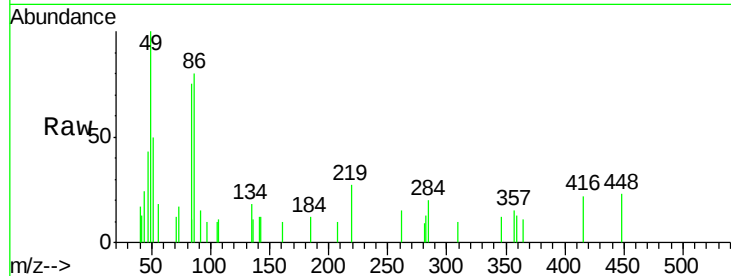




#34
 2-Methylnaphthalene
 Concen: 0.00 ng/ul
 RT: 12.63 min Scan# 1667
 Delta R.T. 0.03 min
 Lab File: BG023461.D
 Acq: 4 Aug 2016 21:07

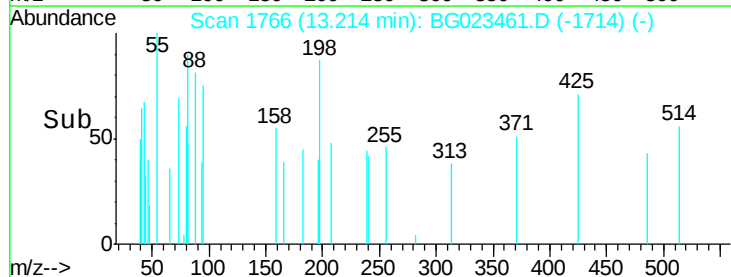
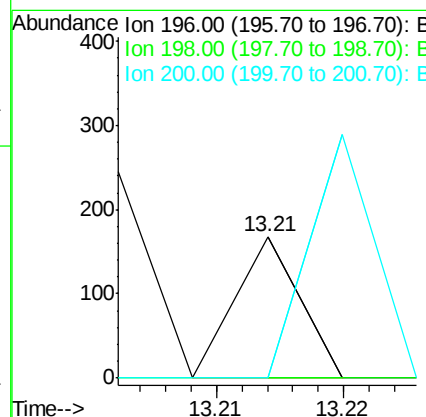
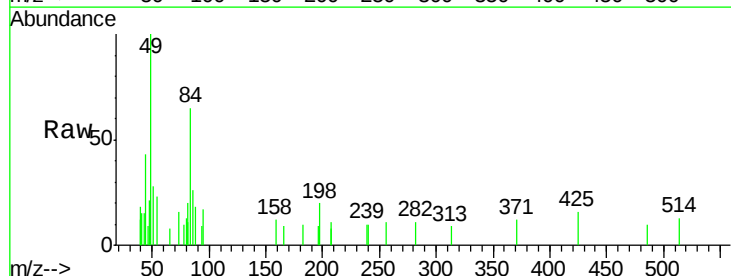
Instrument :
 BNA_G
 ClientSampled :
 BDJJ5

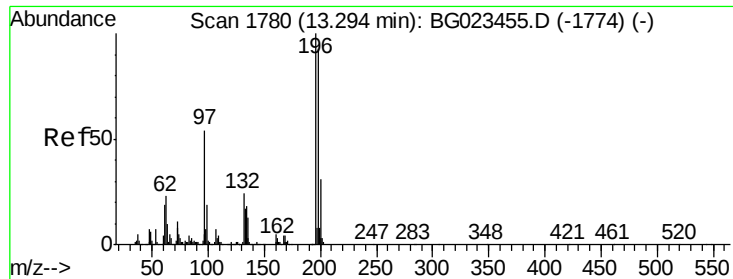
Tot Ion:142 Resp: 72
 Ion Ratio Lower Upper
 142 100
 141 92.6 75.2 112.8



#38
 2,4,6-Trichlorophenol
 Concen: 0.01 ng/ul
 RT: 13.21 min Scan# 1766
 Delta R.T. 0.00 min
 Lab File: BG023461.D
 Acq: 4 Aug 2016 21:07

Tgt Ion:196 Resp: 59
 Ion Ratio Lower Upper
 196 100
 198 0.0 77.4 116.0#
 200 0.0 26.6 39.8#

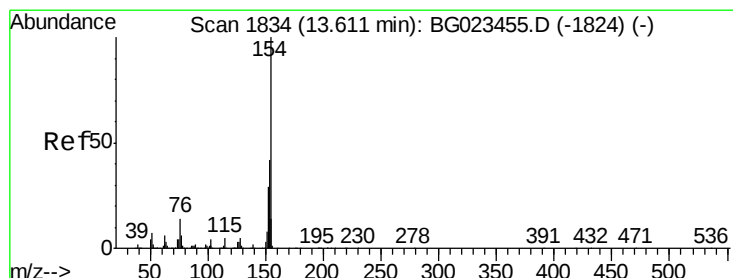
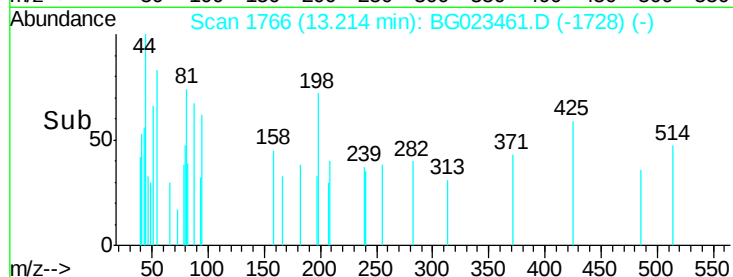
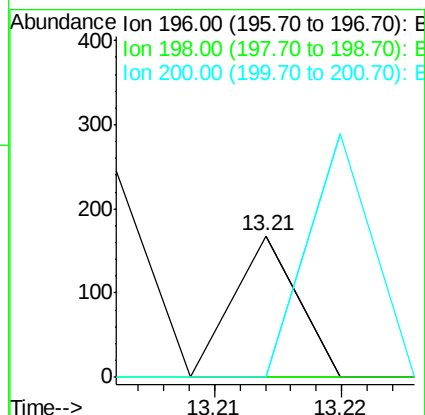
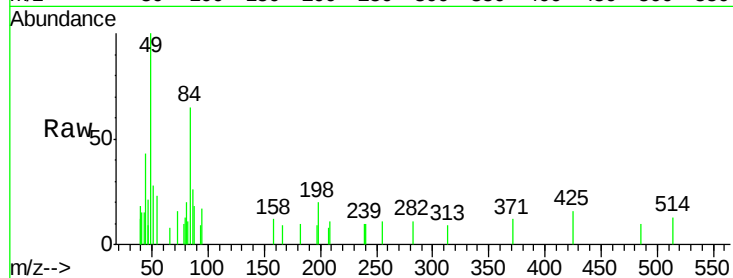




#39
 2,4,5-Trichlorophenol
 Concen: 0.01 ng/ul
 RT: 13.21 min Scan# 1766
 Delta R.T. -0.08 min
 Lab File: BG023461.D
 Acq: 4 Aug 2016 21:07

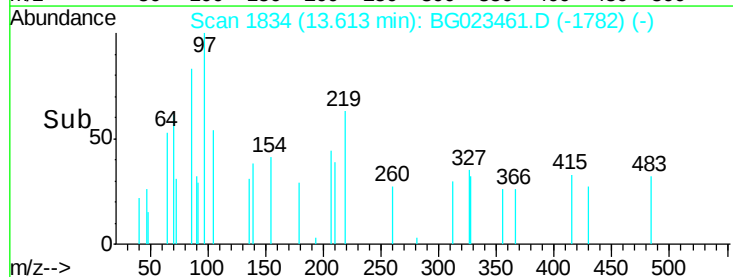
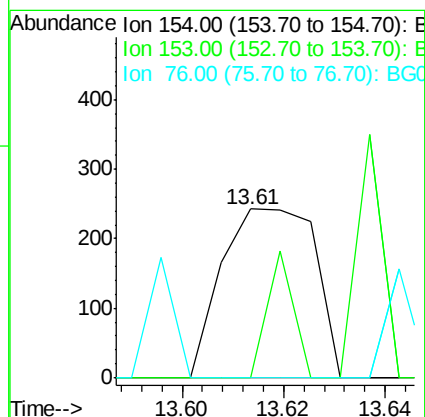
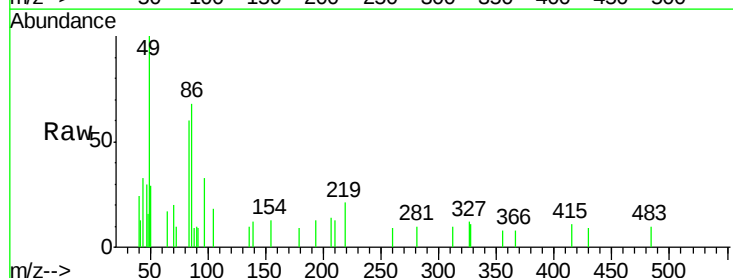
Instrument :
 BNA_G
 ClientSampleId :
 BDJJ5

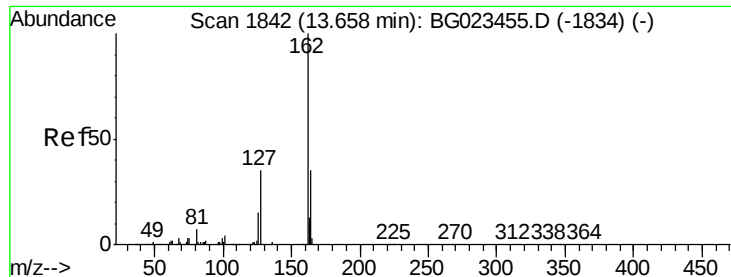
Tot Ion	Ratio	Lower	Upper
196	100		
198	0.0	79.8	119.8#
200	0.0	24.0	36.0#



#40
 1,1'-Biphenyl
 Concen: 0.01 ng/ul
 RT: 13.61 min Scan# 1834
 Delta R.T. 0.00 min
 Lab File: BG023461.D
 Acq: 4 Aug 2016 21:07

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

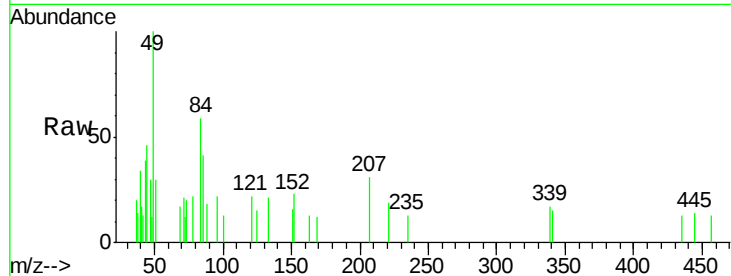




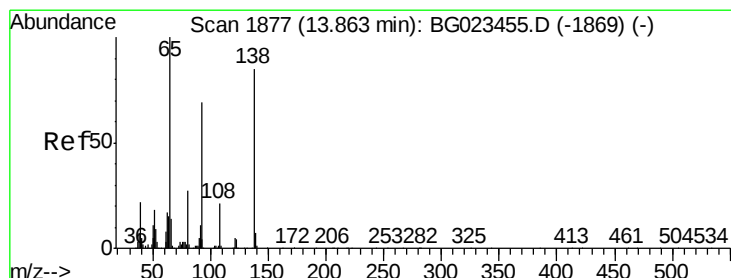
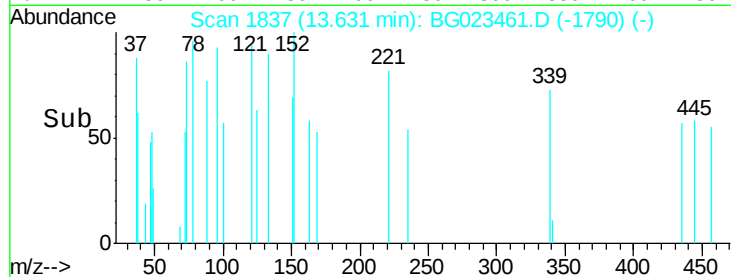
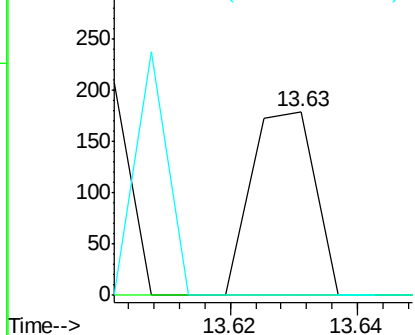
#41
2-Chloronaphthalene
Concen: 0.01 ng/ul
RT: 13.63 min Scan# 1837
Delta R.T. -0.03 min
Lab File: BG023461.D
Acq: 4 Aug 2016 21:07

Instrument :
BNA_G
ClientSampleId :
BDJJ5

Tot Ion:162 Resp: 124
Ion Ratio Lower Upper
162 100
164 0.0 25.4 38.2#
127 0.0 30.2 45.4#

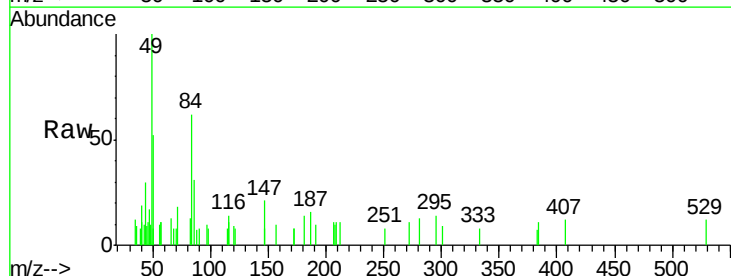


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 127.00 (126.70 to 127.70): E

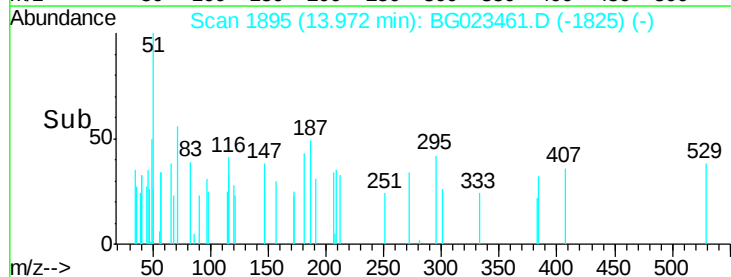
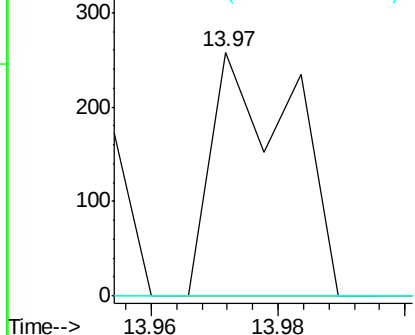


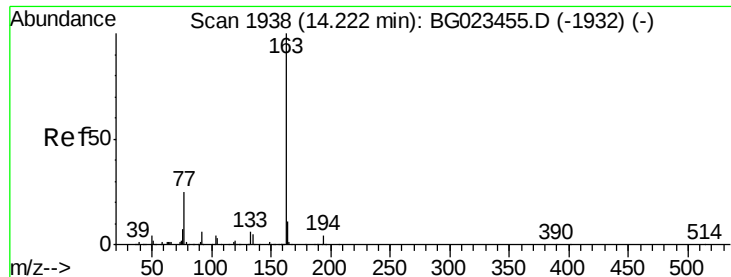
#42
2-Nitroaniline
Concen: 0.02 ng/ul
RT: 13.97 min Scan# 1895
Delta R.T. 0.11 min
Lab File: BG023461.D
Acq: 4 Aug 2016 21:07

Tgt Ion: 65 Resp: 227
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

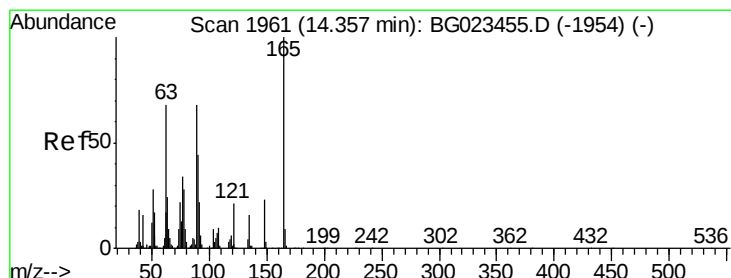
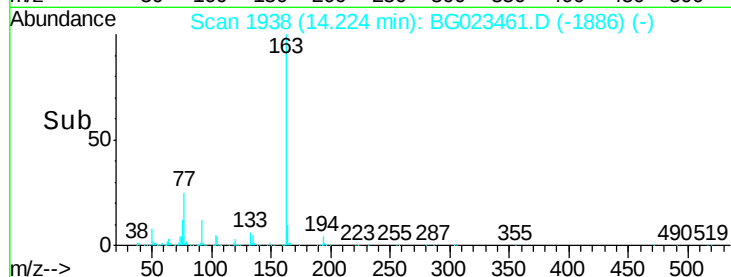
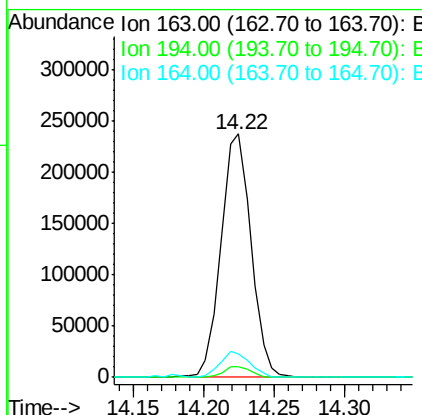
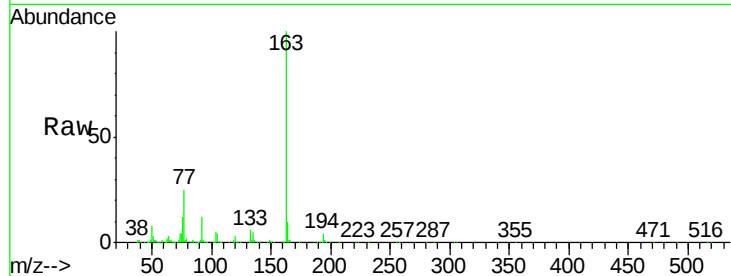




#44
Dimethylphthalate
Concen: 10.98 ng/ul
RT: 14.22 min Scan# 1938
Delta R.T. 0.00 min
Lab File: BG023461.D
Acq: 4 Aug 2016 21:07

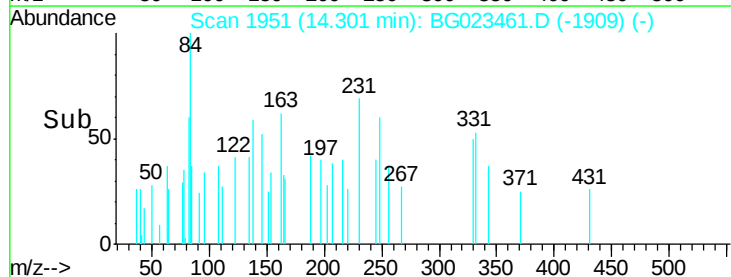
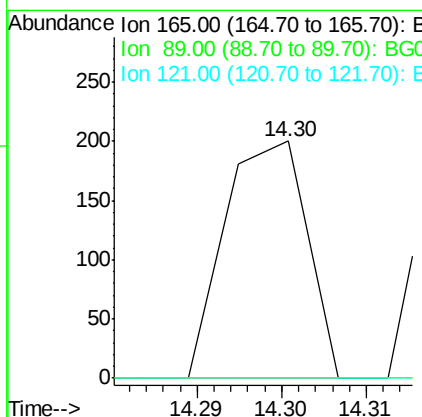
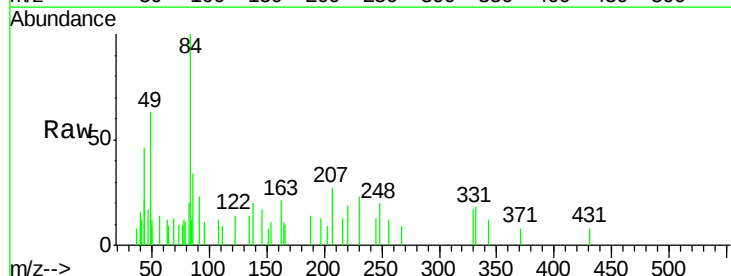
Instrument :
BNA_G
ClientSampleId :
BDJJ5

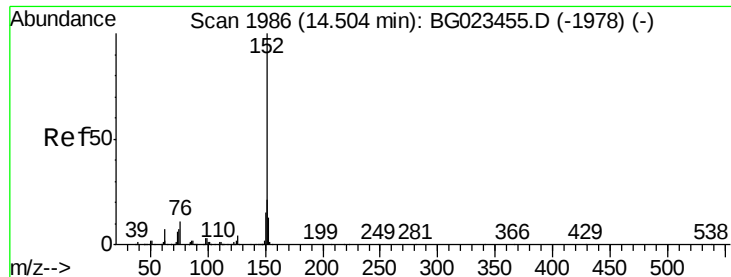
Tot Ion:163 Resp: 351612
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 9.8 8.8 13.2



#45
2,6-Dinitrotoluene
Concen: 0.02 ng/ul
RT: 14.30 min Scan# 1951
Delta R.T. -0.06 min
Lab File: BG023461.D
Acq: 4 Aug 2016 21:07

Tgt Ion:165 Resp: 134
Ion Ratio Lower Upper
165 100
89 0.0 41.5 62.3#
121 0.0 17.0 25.4#





#47

Acenaphthylene

Concen: 0.01 ng/ul

RT: 14.50 min Scan# 1985

Delta R.T. -0.00 min

Lab File: BG023461.D

Acq: 4 Aug 2016 21:07

Instrument :

BNA_G

ClientSampleId :

BDJJ5

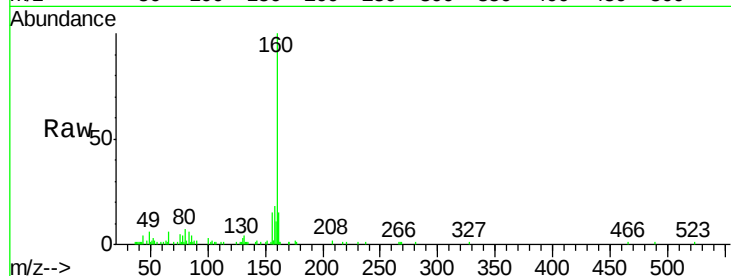
Tot Ion:152 Resp: 364

Ion Ratio Lower Upper

152 100

151 35.9 17.5 26.3#

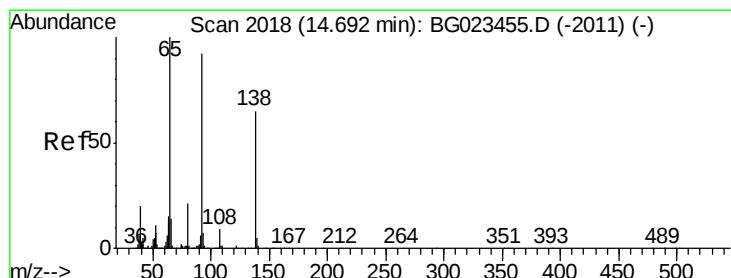
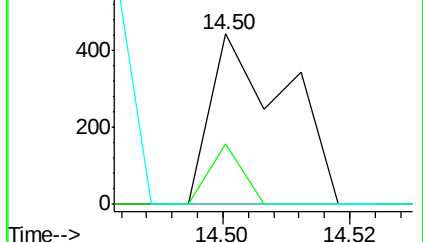
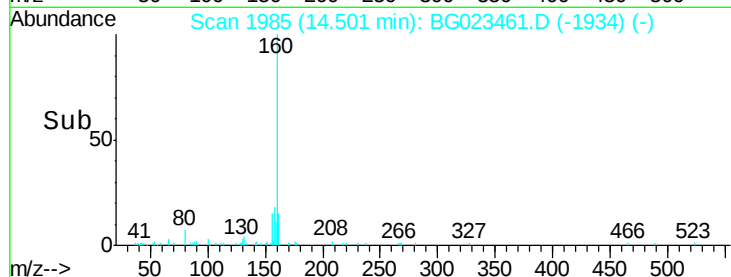
153 0.0 11.1 16.7#



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: 0.01 ng/ul

RT: 14.69 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BG023461.D

Acq: 4 Aug 2016 21:07

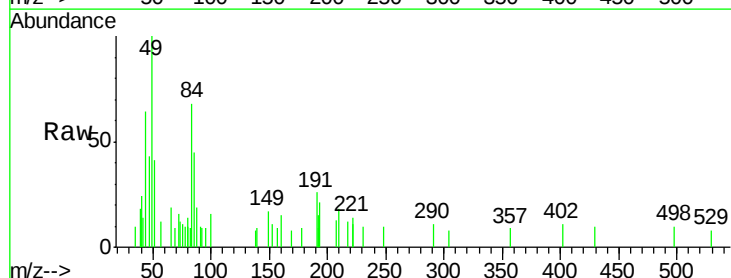
Tgt Ion:138 Resp: 56

Ion Ratio Lower Upper

138 100

108 0.0 6.2 9.2#

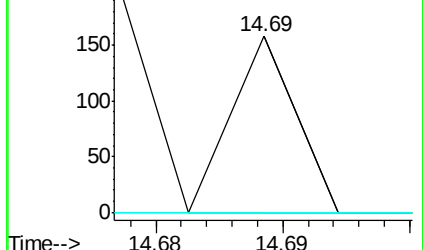
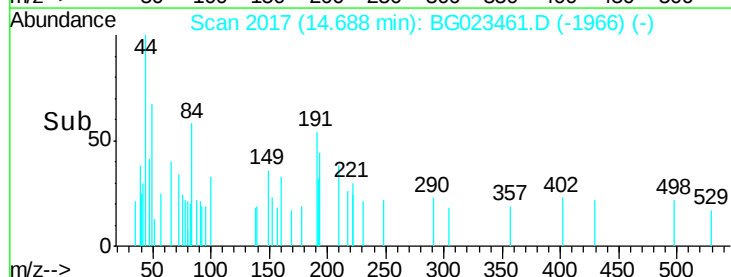
92 0.0 79.3 118.9#

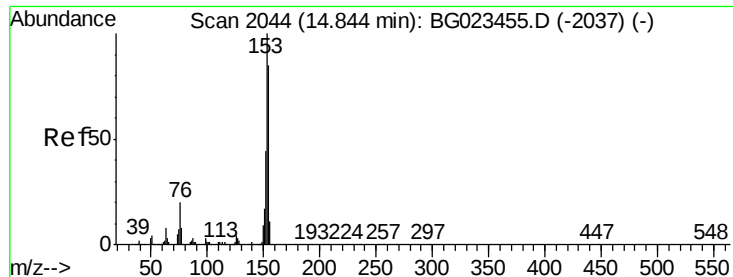


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#49

Acenaphthene

Concen: 0.01 ng/ul

RT: 14.84 min Scan# 2043

Delta R.T. -0.00 min

Lab File: BG023461.D

Acq: 4 Aug 2016 21:07

Instrument :

BNA_G

ClientSampleId :

BDJJ5

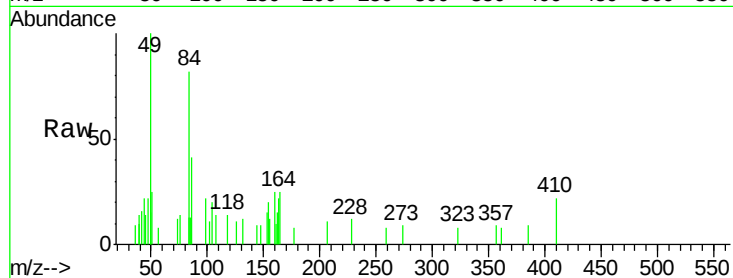
Tot Ion:153 Resp: 175

Ion Ratio Lower Upper

153 100

152 0.0 37.3 55.9#

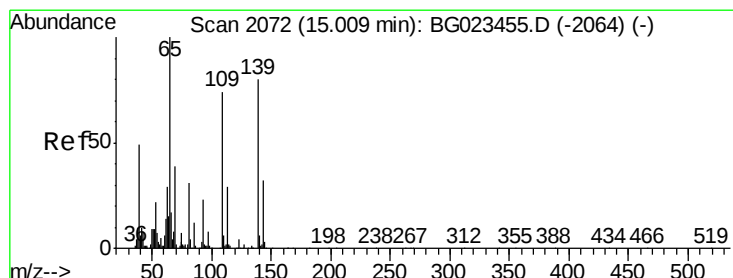
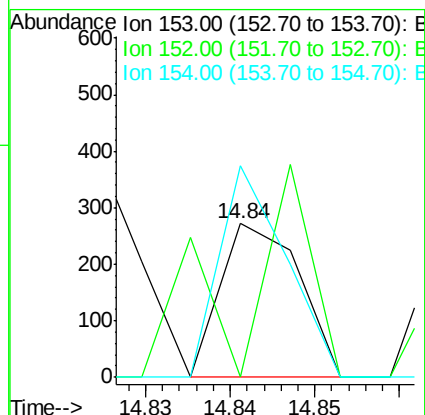
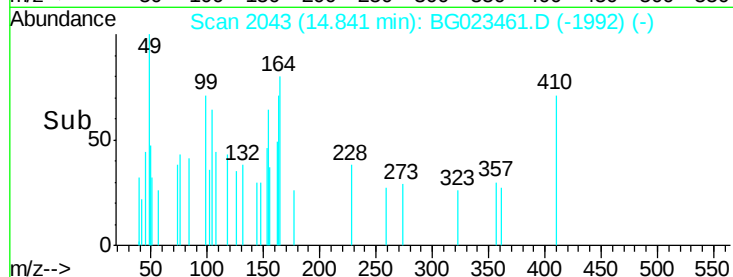
154 137.5 68.2 102.2#



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#52

4-Nitrophenol

Concen: 0.03 ng/ul

RT: 15.18 min Scan# 2101

Delta R.T. 0.17 min

Lab File: BG023461.D

Acq: 4 Aug 2016 21:07

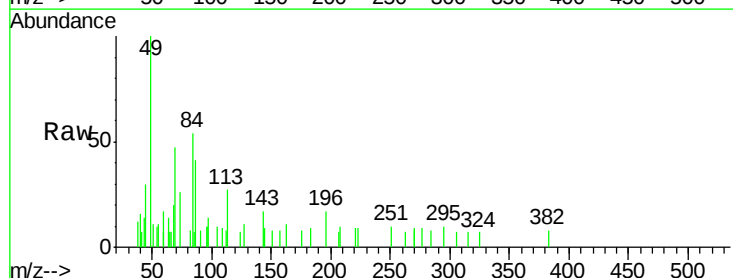
Tgt Ion:109 Resp: 182

Ion Ratio Lower Upper

109 100

139 0.0 136.1 204.1#

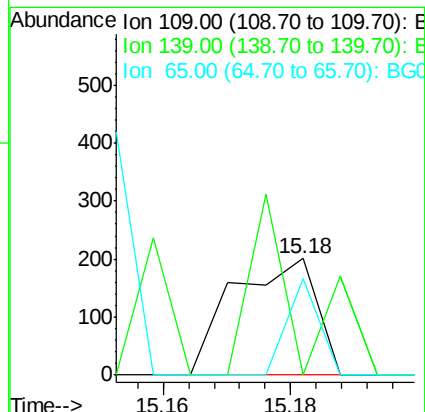
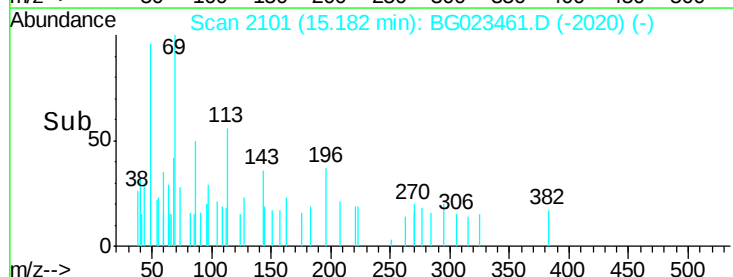
65 82.1 106.0 159.0#

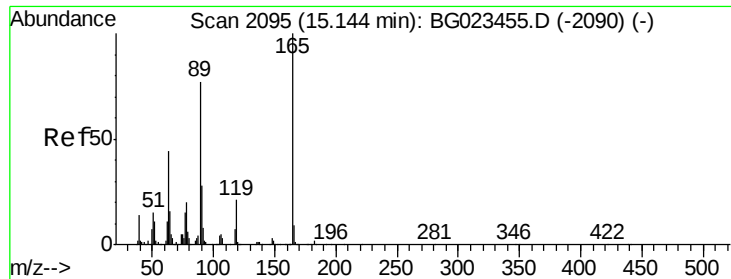


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BG

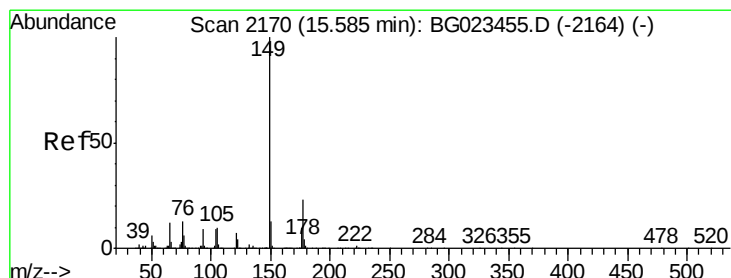
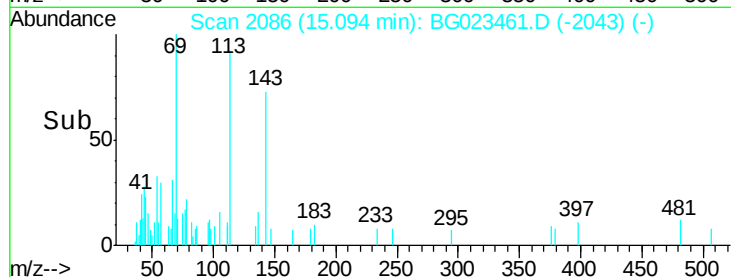
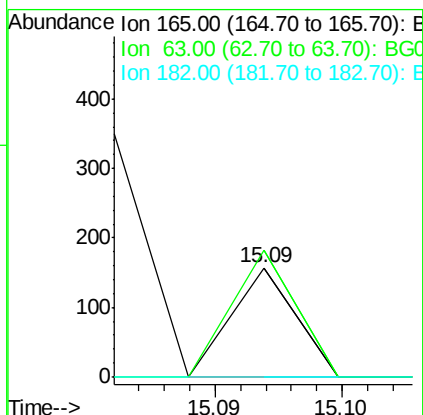
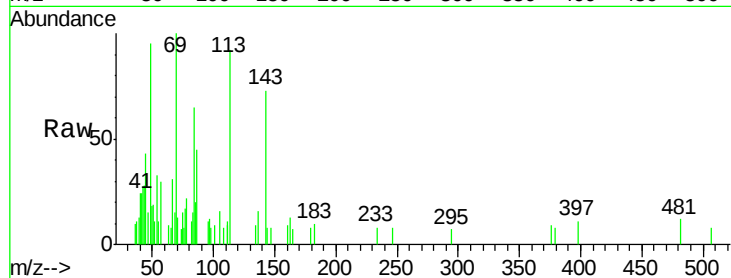




#54
2,4-Dinitrotoluene
Concen: 0.01 ng/ul
RT: 15.09 min Scan# 2086
Delta R.T. -0.05 min
Lab File: BG023461.D
Acq: 4 Aug 2016 21:07

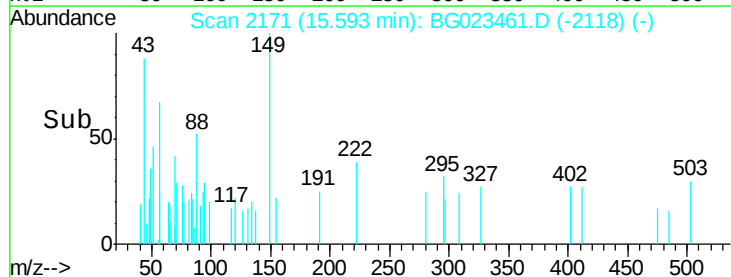
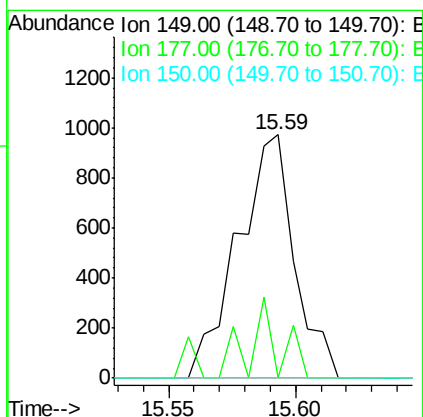
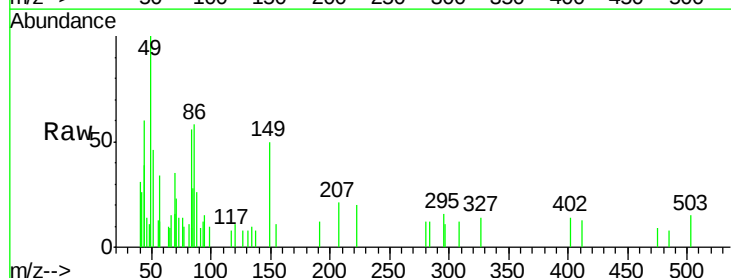
Instrument :
BNA_G
ClientSampleId :
BDJJ5

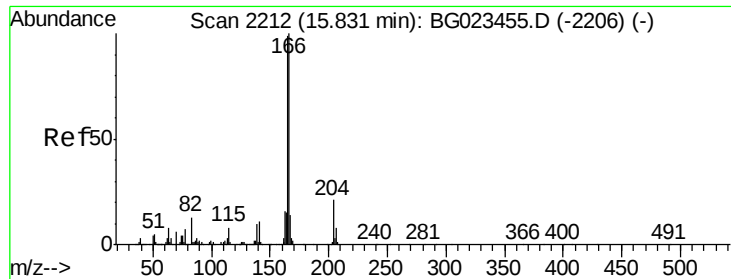
Tot Ion:165 Resp: 55
Ion Ratio Lower Upper
165 100
63 115.9 25.7 38.5#
182 0.0 2.1 3.1#



#56
Diethylphthalate
Concen: 0.05 ng/ul
RT: 15.59 min Scan# 2171
Delta R.T. 0.01 min
Lab File: BG023461.D
Acq: 4 Aug 2016 21:07

Tgt Ion:149 Resp: 1513
Ion Ratio Lower Upper
149 100
177 0.0 17.4 26.2#
150 0.0 9.6 14.4#





#58

Fluorene

Concen: 0.00 ng/ul

RT: 15.84 min Scan# 2213

Delta R.T. 0.01 min

Lab File: BG023461.D

Acq: 4 Aug 2016 21:07

Instrument :

BNA_G

ClientSampleId :

BDJJ5

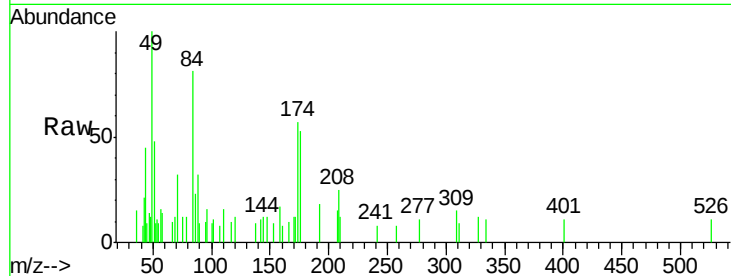
Tot Ion:166 Resp: 64

Ion Ratio Lower Upper

166 100

165 0.0 80.3 120.5#

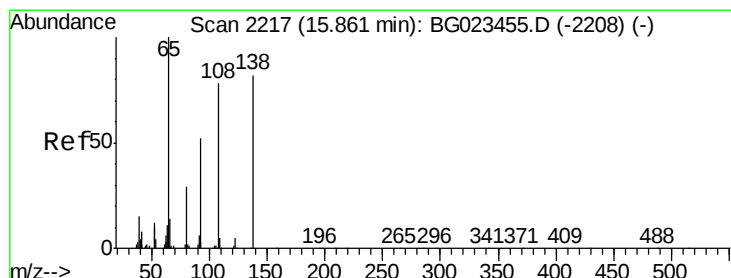
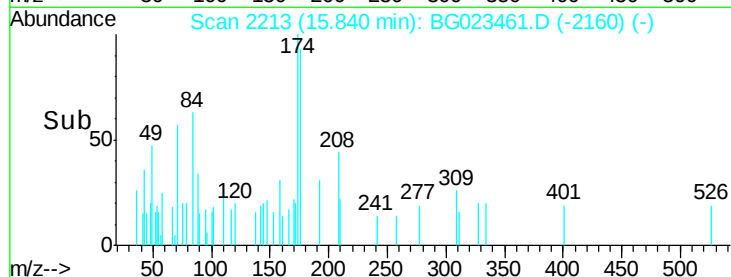
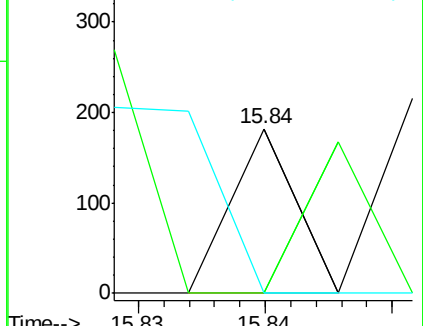
167 0.0 10.3 15.5#



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: 0.02 ng/ul

RT: 15.88 min Scan# 2220

Delta R.T. 0.02 min

Lab File: BG023461.D

Acq: 4 Aug 2016 21:07

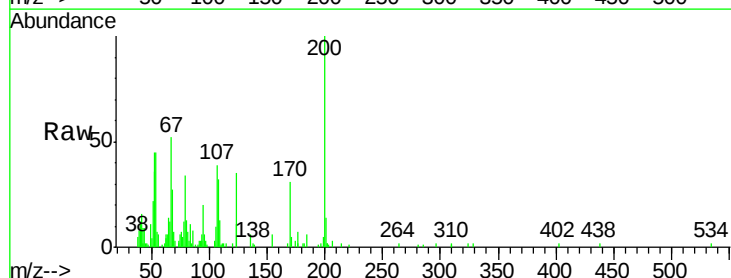
Tgt Ion:138 Resp: 154

Ion Ratio Lower Upper

138 100

92 88.8 39.0 58.4#

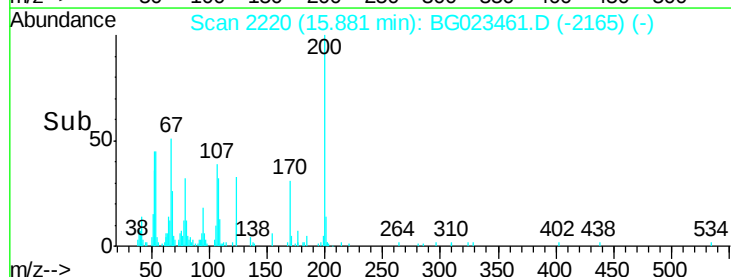
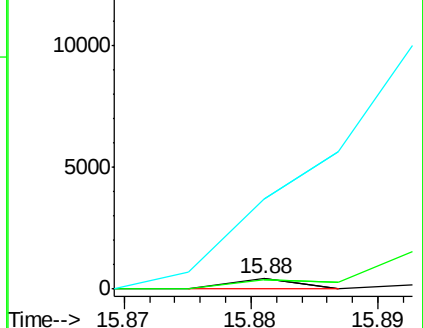
108 854.8 49.2 73.8#

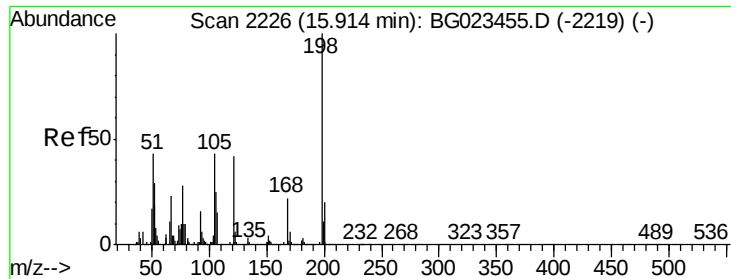


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

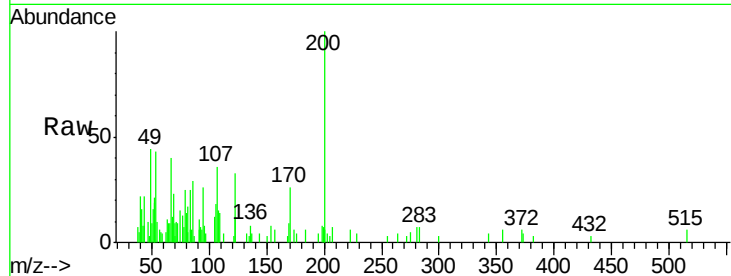




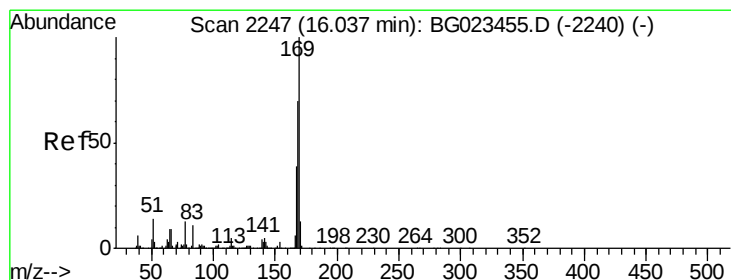
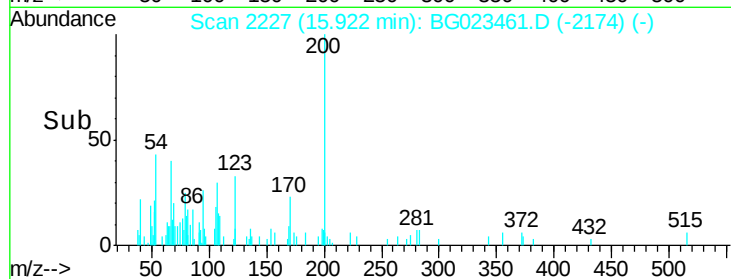
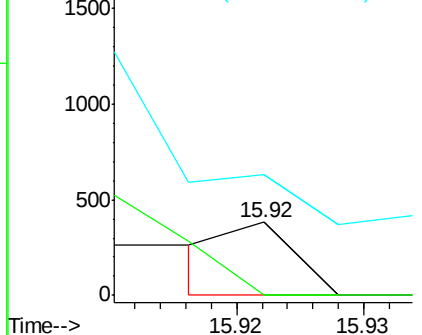
#63
 4,6-Dinitro-2-methylphenol
 Concen: 0.02 ng/ul
 RT: 15.92 min Scan# 2227
 Delta R.T. 0.01 min
 Lab File: BG023461.D
 Acq: 4 Aug 2016 21:07

Instrument :
 BNA_G
 ClientSampleId :
 BDJJ5

Tot Ion	Ratio	Lower	Upper
198	100		
182	0.0	4.2	6.2#
77	164.8	16.7	25.1#

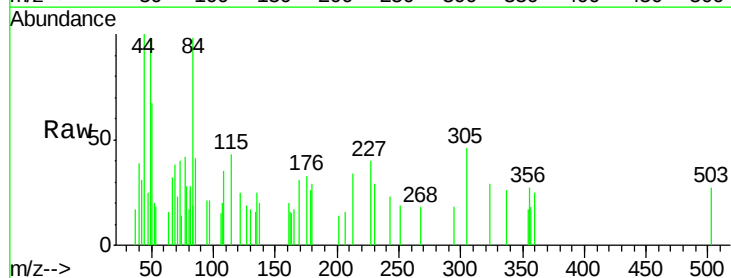


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): B

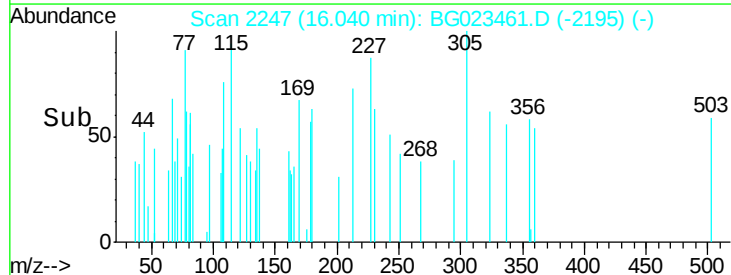
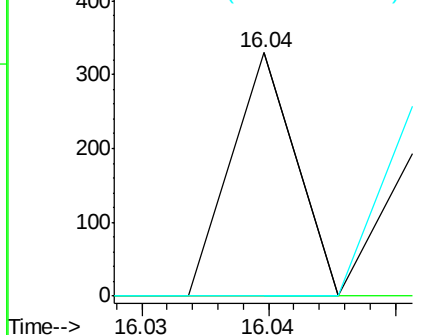


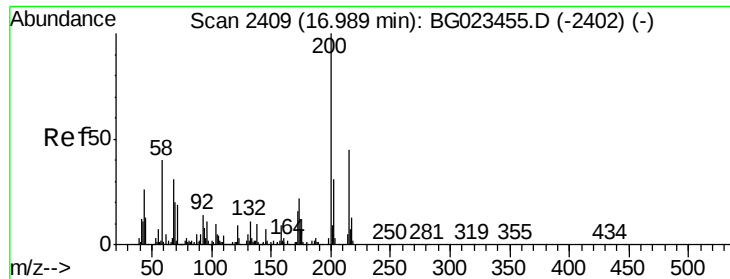
#64
 N-Nitrosodiphenylamine
 Concen: 0.00 ng/ul
 RT: 16.04 min Scan# 2247
 Delta R.T. 0.00 min
 Lab File: BG023461.D
 Acq: 4 Aug 2016 21:07

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



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

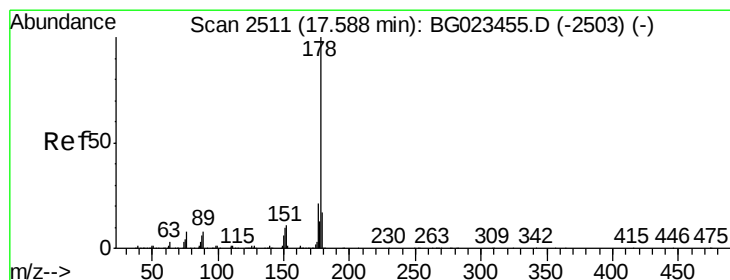
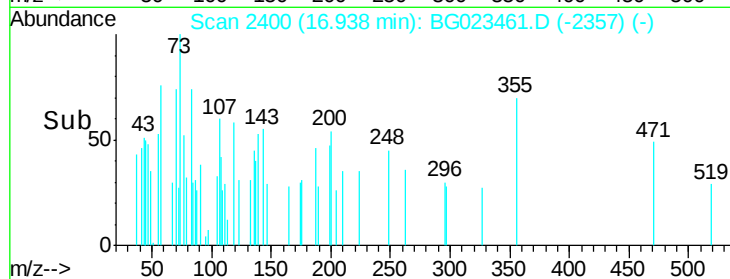
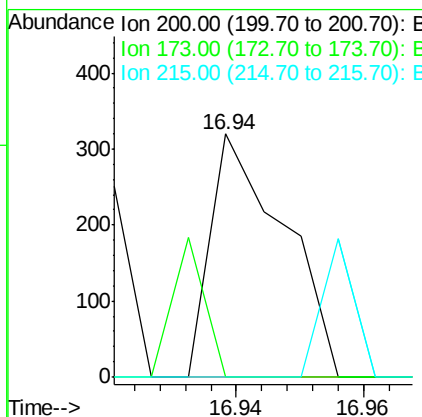
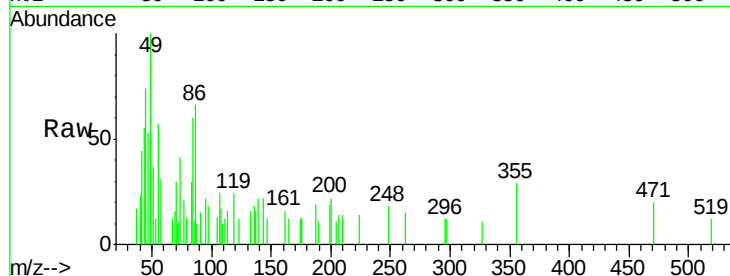




#67
 Atrazine
 Concen: 0.02 ng/ul
 RT: 16.94 min Scan# 2400
 Delta R.T. -0.05 min
 Lab File: BG023461.D
 Acq: 4 Aug 2016 21:07

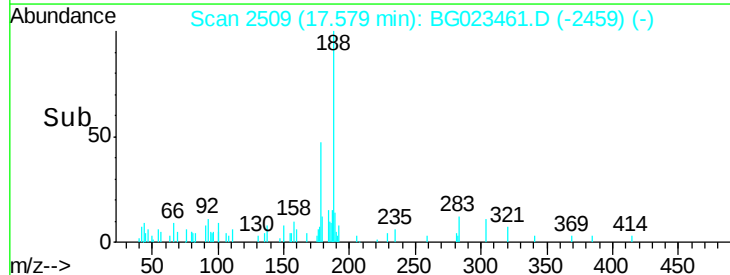
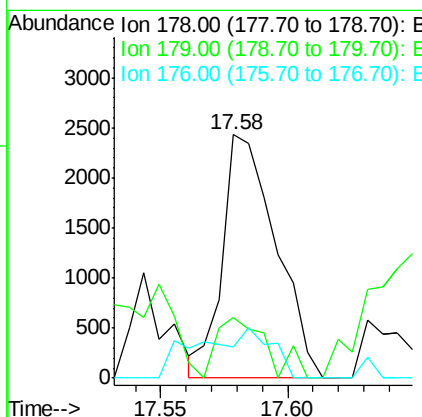
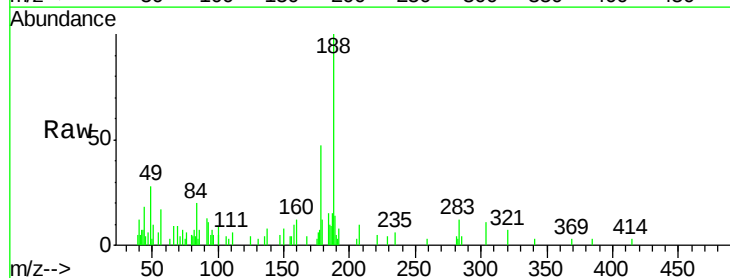
Instrument :
 BNA_G
 ClientSampleId :
 BDJJ5

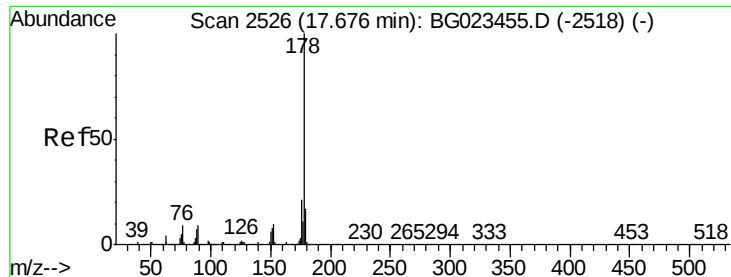
Tot Ion	Ratio	Lower	Upper
200	100		
173	0.0	21.0	31.6#
215	0.0	37.9	56.9#



#69
 Phenanthrene
 Concen: 0.06 ng/ul
 RT: 17.58 min Scan# 2509
 Delta R.T. -0.01 min
 Lab File: BG023461.D
 Acq: 4 Aug 2016 21:07

Tgt Ion	Ratio	Lower	Upper
178	100		
179	24.8	12.9	19.3#
176	12.9	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: BG023461.D

Acq: 4 Aug 2016 21:07

Instrument :

BNA_G

ClientSampleId :

BDJJ5

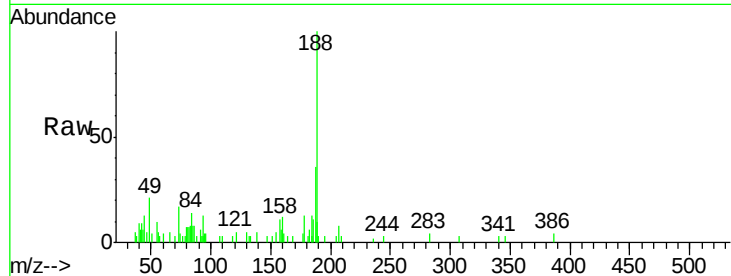
Tot Ion:178 Resp: 751

Ion Ratio Lower Upper

178 100

179 0.0 12.3 18.5#

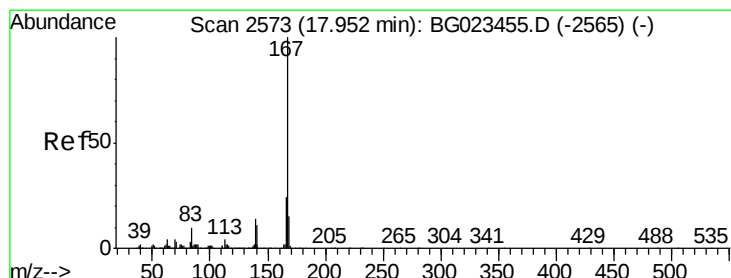
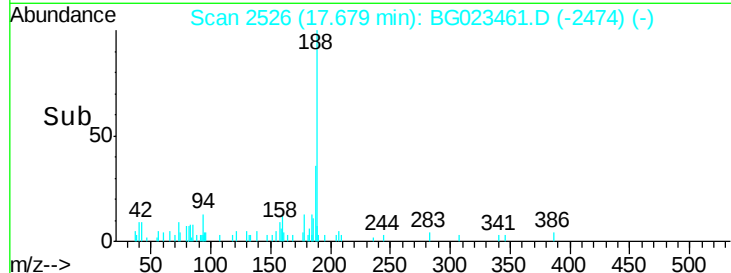
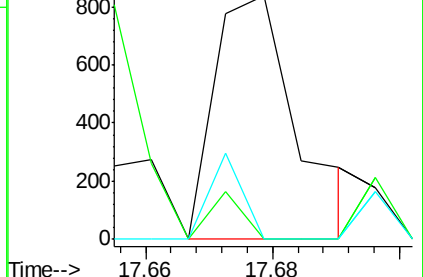
176 0.0 16.3 24.5#



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: 17.95 min Scan# 2573

Delta R.T. 0.00 min

Lab File: BG023461.D

Acq: 4 Aug 2016 21:07

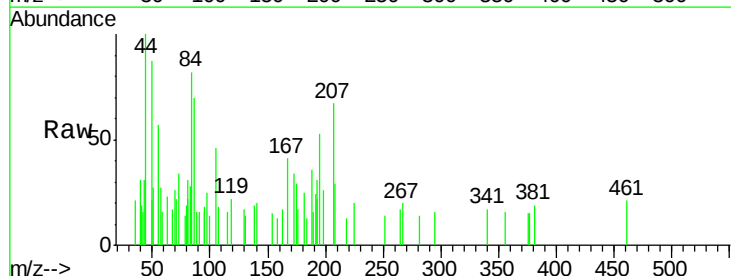
Tgt Ion:167 Resp: 292

Ion Ratio Lower Upper

167 100

166 0.0 19.2 28.8#

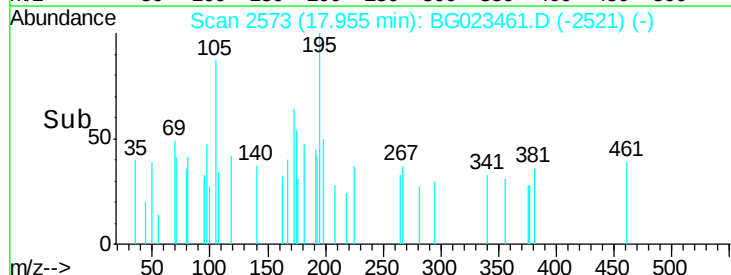
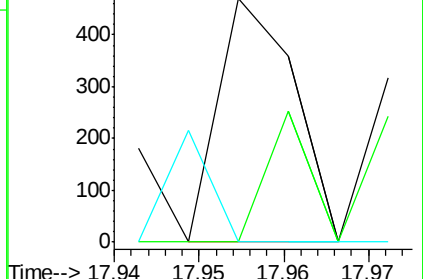
139 0.0 10.2 15.4#

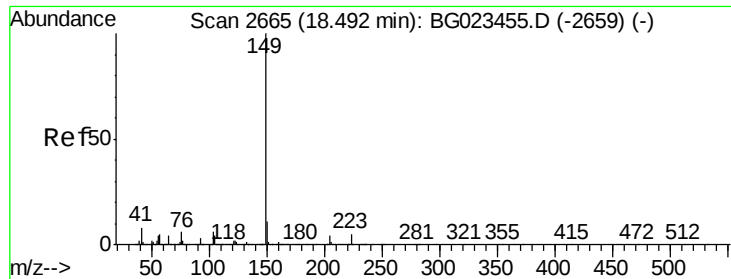


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 0.08 ng/ul

RT: 18.50 min Scan# 2665

Delta R.T. 0.00 min

Lab File: BG023461.D

Acq: 4 Aug 2016 21:07

Instrument :

BNA_G

ClientSampleId :

BDJJ5

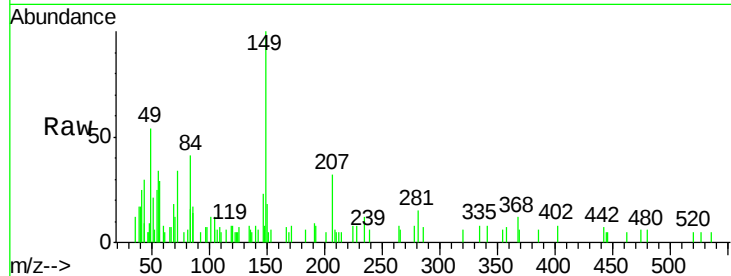
Tot Ion:149 Resp: 4559

Ion Ratio Lower Upper

149 100

150 17.6 7.1 10.7#

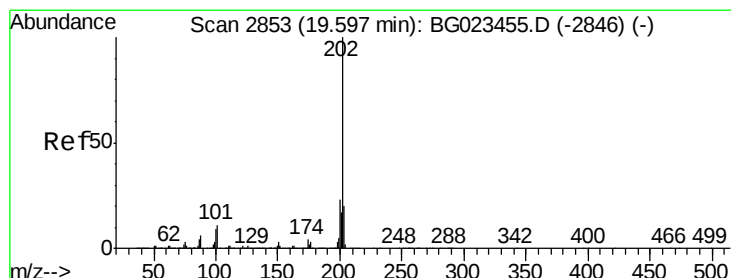
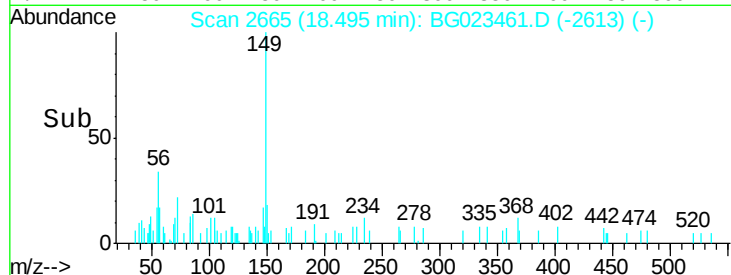
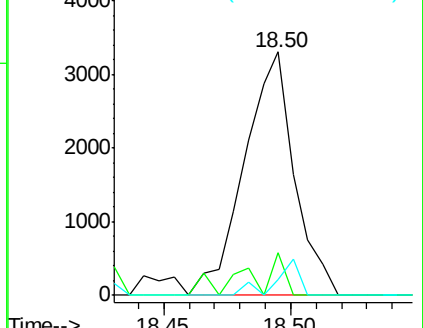
104 6.4 3.3 4.9#



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: 0.13 ng/ul

RT: 19.60 min Scan# 2853

Delta R.T. 0.00 min

Lab File: BG023461.D

Acq: 4 Aug 2016 21:07

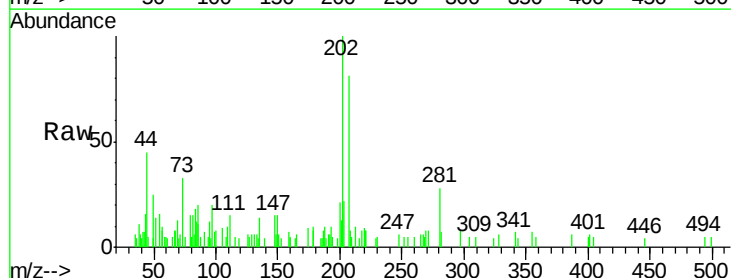
Tgt Ion:202 Resp: 7305

Ion Ratio Lower Upper

202 100

101 0.0 10.6 16.0#

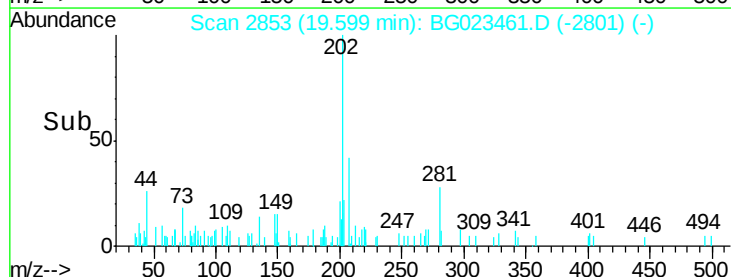
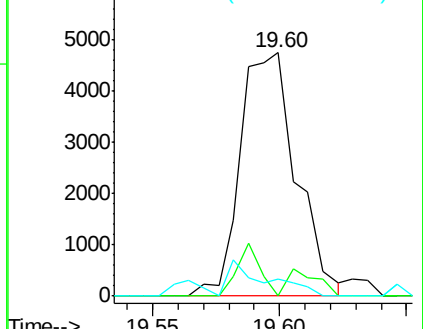
100 7.0 8.7 13.1#

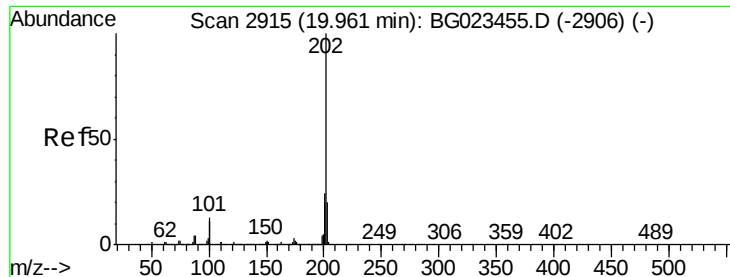


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

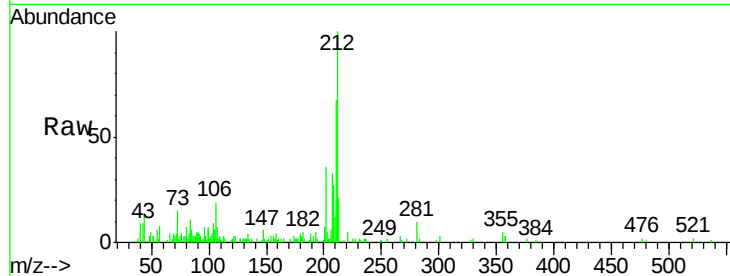




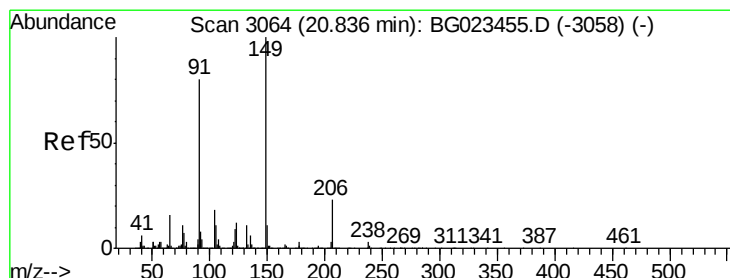
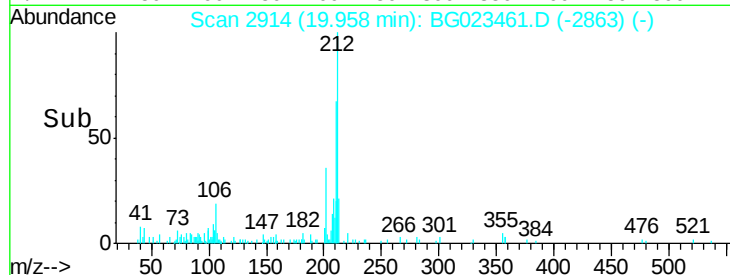
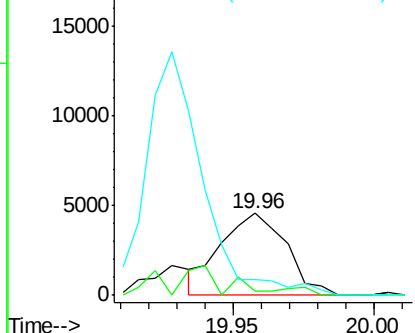
#77
Pvrene
Concen: 0.11 ng/ul
RT: 19.96 min Scan# 2914
Delta R.T. -0.00 min
Lab File: BG023461.D
Acq: 4 Aug 2016 21:07

Instrument :
BNA_G
ClientSampleId :
BDJJ5

Tot Ion:202 Resp: 7399
Ion Ratio Lower Upper
202 100
101 4.7 12.5 18.7#
100 18.6 10.2 15.4#

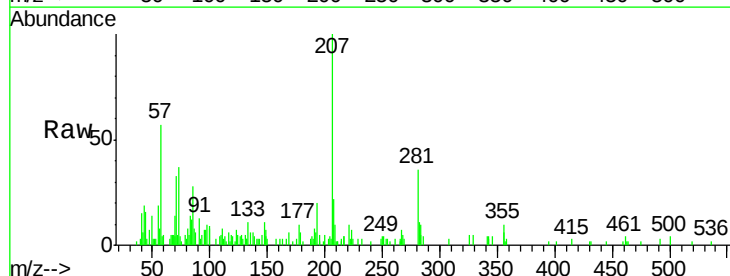


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

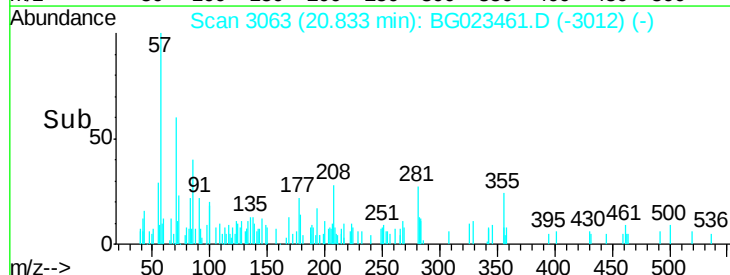
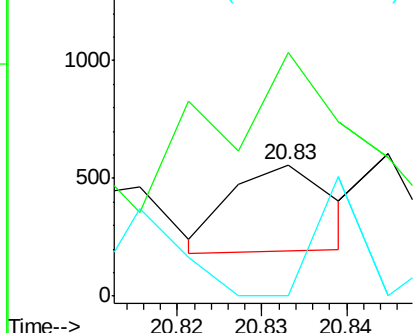


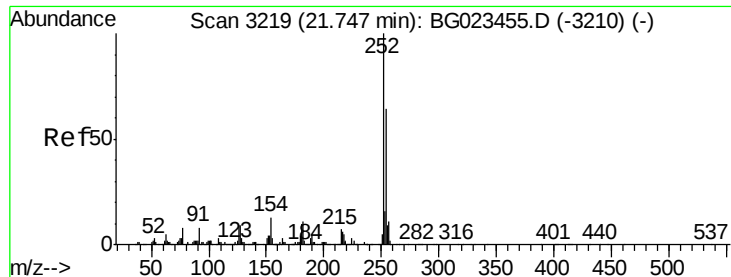
#78
Butylbenzylphthalate
Concen: 0.01 ng/ul
RT: 20.83 min Scan# 3063
Delta R.T. -0.00 min
Lab File: BG023461.D
Acq: 4 Aug 2016 21:07

Tgt Ion:149 Resp: 307
Ion Ratio Lower Upper
149 100
91 185.3 54.2 81.4#
206 0.0 14.1 21.1#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): B
Ion 206.00 (205.70 to 206.70): E

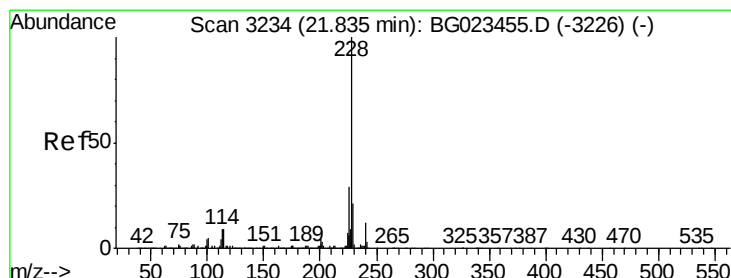
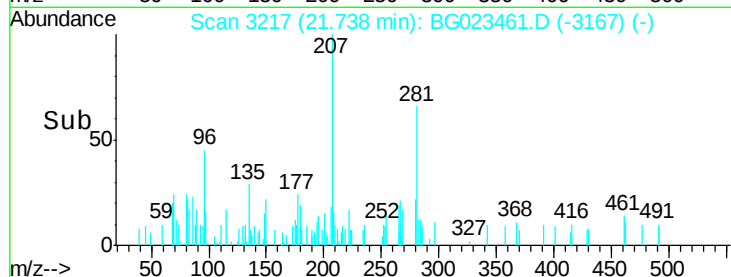
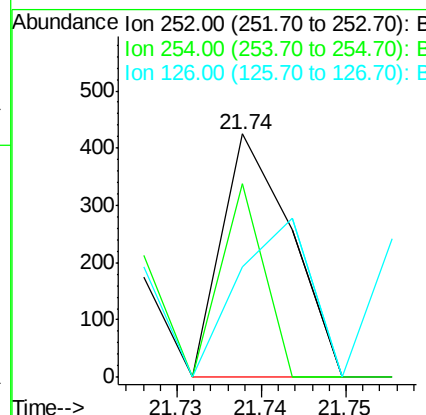
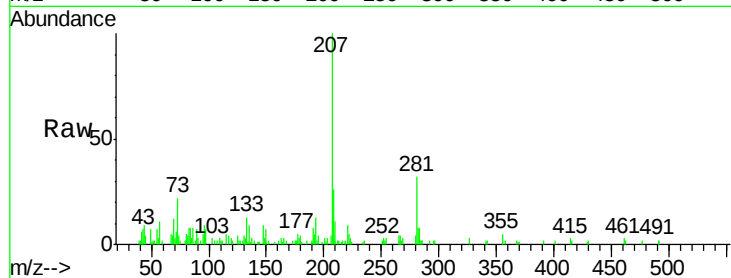




#79
 3,3'-Dichlorobenzidine
 Concen: 0.01 ng/ul
 RT: 21.74 min Scan# 3217
 Delta R.T. -0.01 min
 Lab File: BG023461.D
 Acq: 4 Aug 2016 21:07

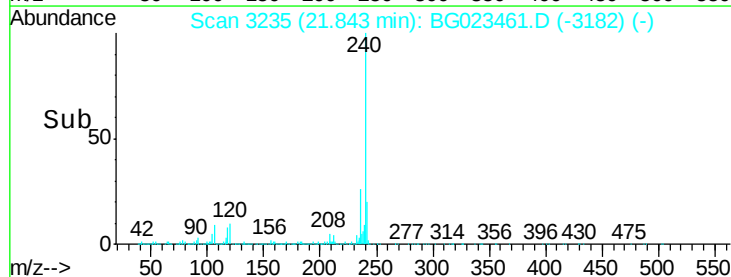
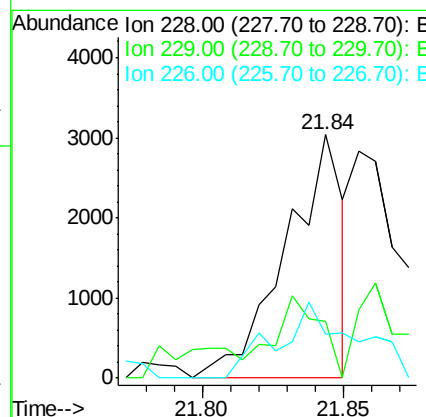
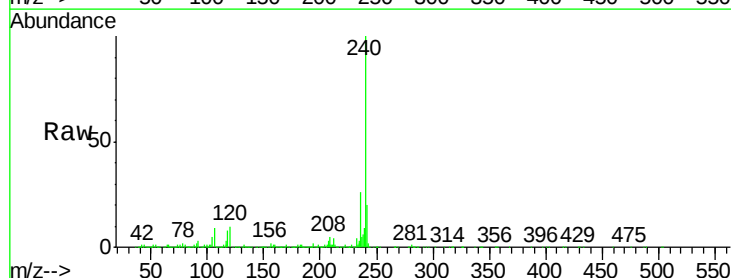
Instrument :
 BNA_G
 ClientSampleID :
 BDJJ5

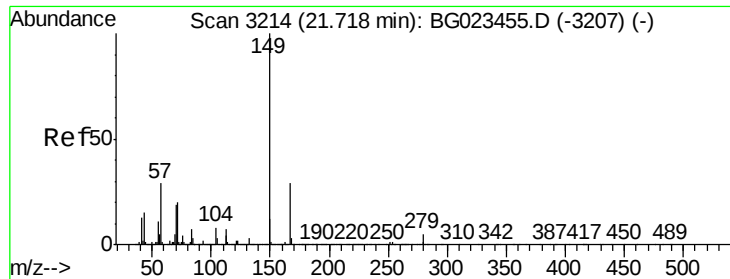
Tot Ion:252 Resp: 241
 Ion Ratio Lower Upper
 252 100
 254 79.5 51.4 77.2#
 126 45.4 10.7 16.1#



#80
 Benzo(a)anthracene
 Concen: 0.07 ng/ul
 RT: 21.84 min Scan# 3235
 Delta R.T. 0.01 min
 Lab File: BG023461.D
 Acq: 4 Aug 2016 21:07

Tgt Ion:228 Resp: 4259
 Ion Ratio Lower Upper
 228 100
 229 23.4 15.4 23.2#
 226 17.9 22.8 34.2#





#81

Bis(2-ethylhexyl)phthalate

Concen: 0.20 ng/ul

RT: 21.71 min Scan# 3213

Delta R.T. -0.00 min

Lab File: BG023461.D

Acq: 4 Aug 2016 21:07

Instrument :

BNA_G

ClientSampleId :

BDJJ5

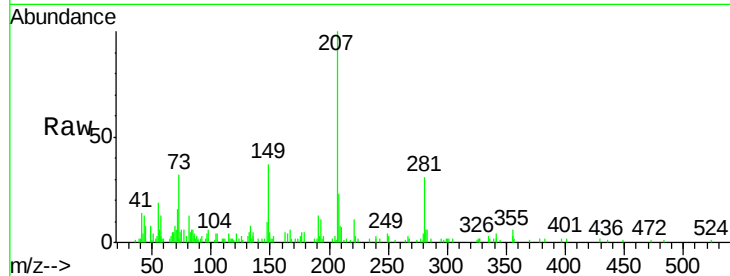
Tot Ion:149 Resp: 7080

Ion Ratio Lower Upper

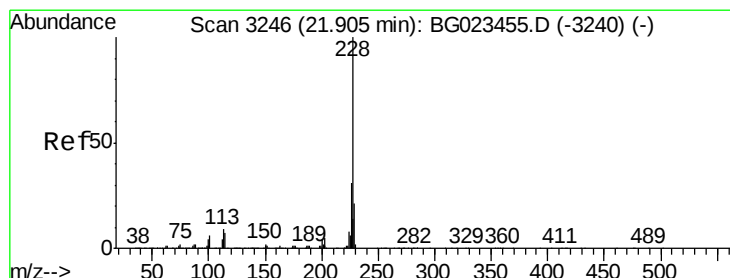
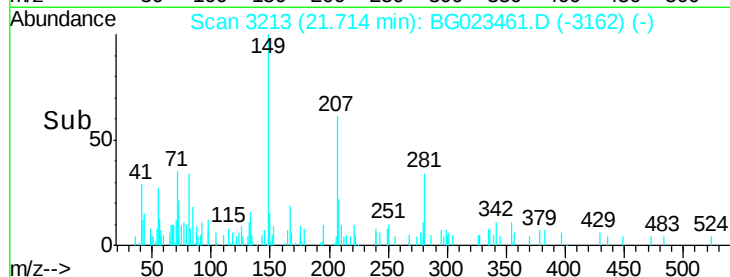
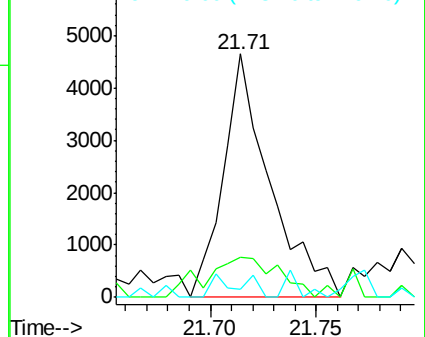
149 100

167 16.5 21.9 32.9#

279 3.6 2.9 4.3



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#82

Chrysene

Concen: 0.03 ng/ul

RT: 21.90 min Scan# 3245

Delta R.T. -0.00 min

Lab File: BG023461.D

Acq: 4 Aug 2016 21:07

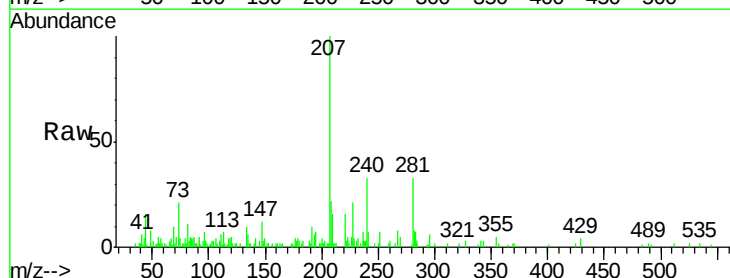
Tgt Ion:228 Resp: 1651

Ion Ratio Lower Upper

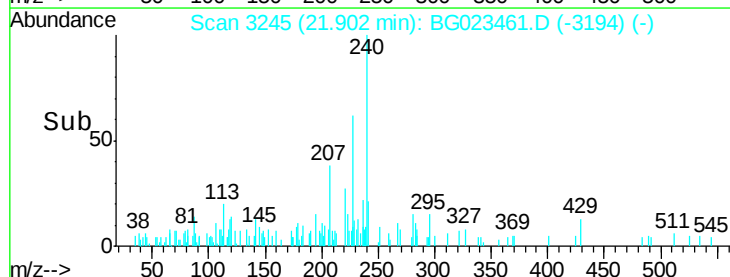
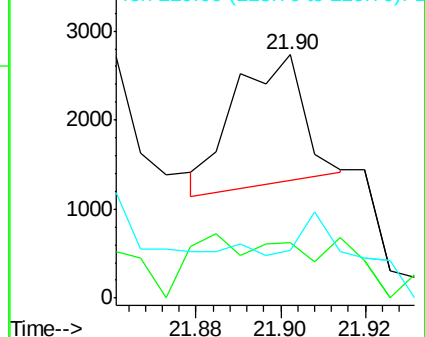
228 100

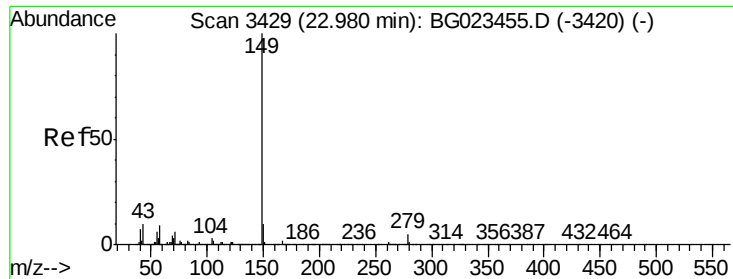
226 22.7 24.2 36.4#

229 19.6 15.0 22.6



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#84

Di-n-octyl phthalate

Concen: 0.02 ng/ul

RT: 22.98 min Scan# 3428

Delta R.T. -0.00 min

Lab File: BG023461.D

Acq: 4 Aug 2016 21:07

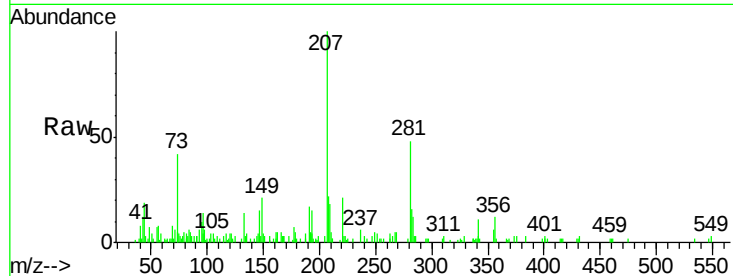
Instrument :

BNA_G

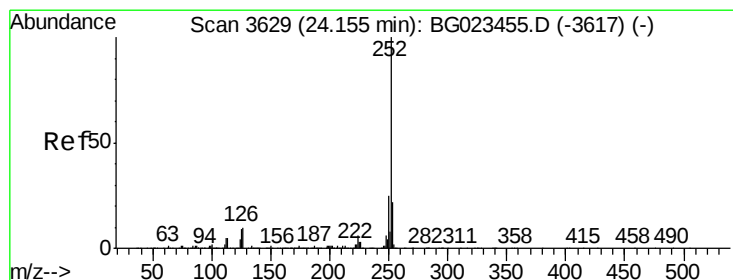
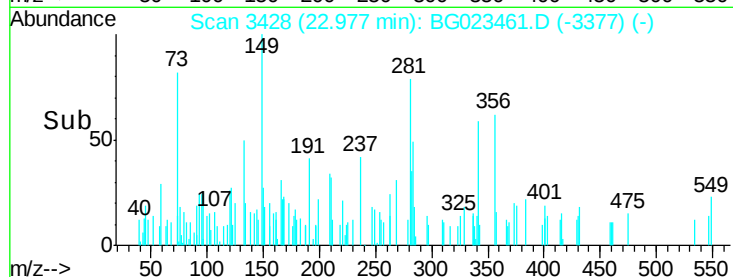
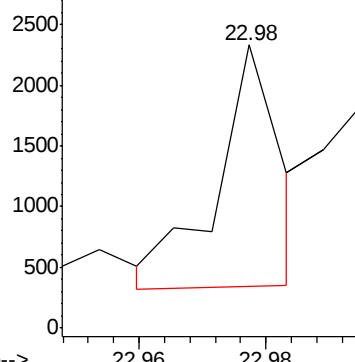
ClientSampleId :

BDJJ5

Tgt Ion:149 Resp: 1375



Abundance Ion 149.00 (148.70 to 149.70): E



#85

Benzo(b)fluoranthene

Concen: 0.02 ng/ul

RT: 24.18 min Scan# 3632

Delta R.T. 0.02 min

Lab File: BG023461.D

Acq: 4 Aug 2016 21:07

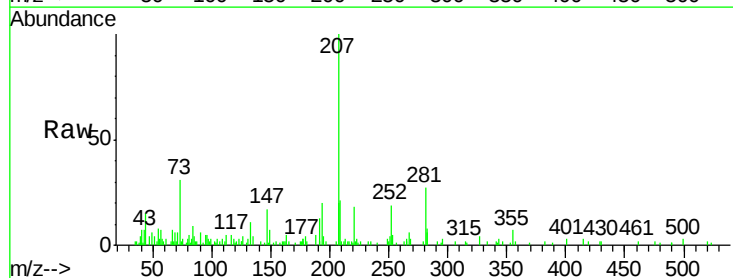
Tgt Ion:252 Resp: 1528

Ion Ratio Lower Upper

252 100

253 25.2 18.2 27.2

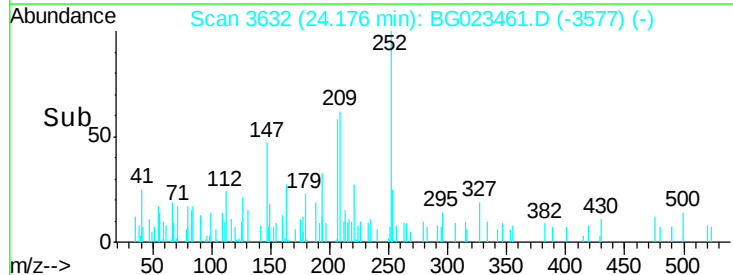
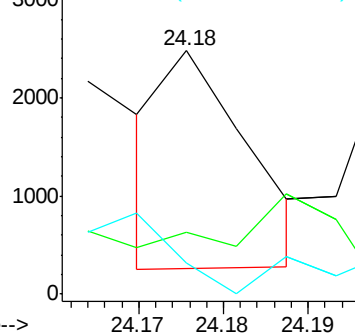
125 12.7 10.8 16.2

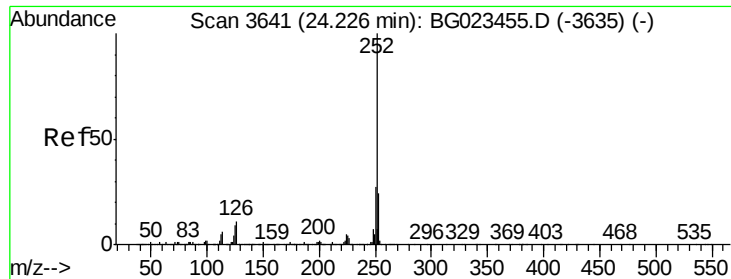


Abundance Ion 252.00 (251.70 to 252.70): E

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: BG023461.D

Acq: 4 Aug 2016 21:07

Instrument :

BNA_G

ClientSampleId :

BDJJ5

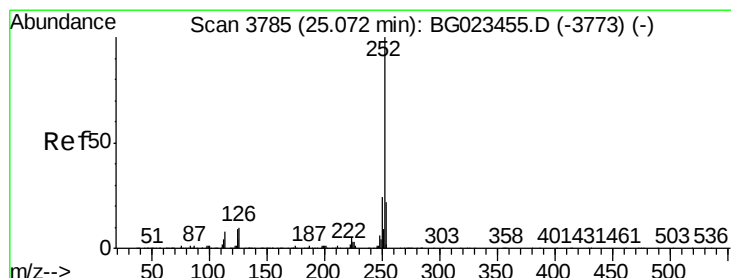
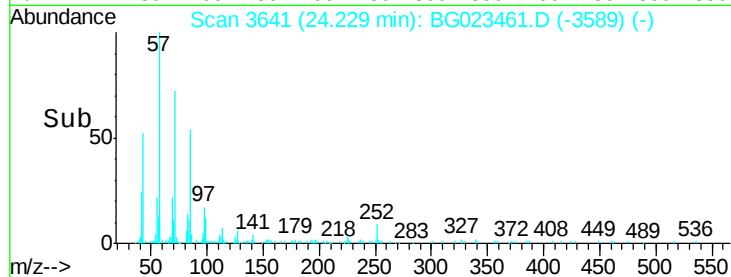
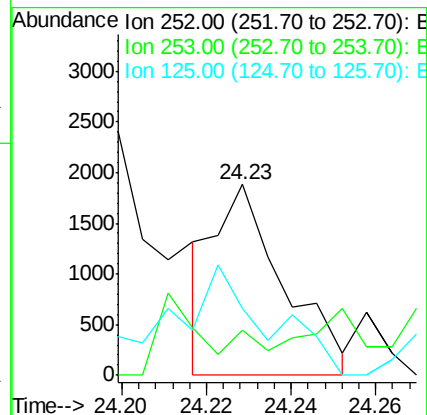
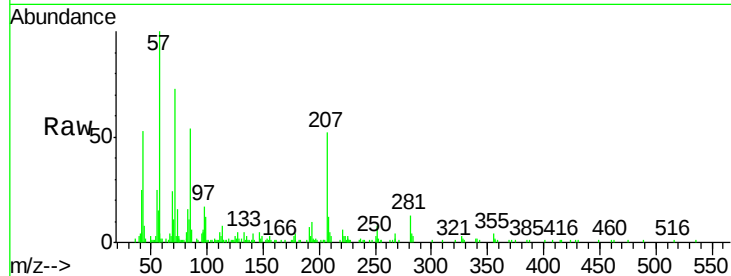
Tot Ion:252 Resp: 2135

Ion Ratio Lower Upper

252 100

253 23.8 15.8 23.6#

125 34.9 10.6 16.0#



#88

Benzo(a)pyrene

Concen: 0.05 ng/ul

RT: 25.23 min Scan# 3811

Delta R.T. 0.16 min

Lab File: BG023461.D

Acq: 4 Aug 2016 21:07

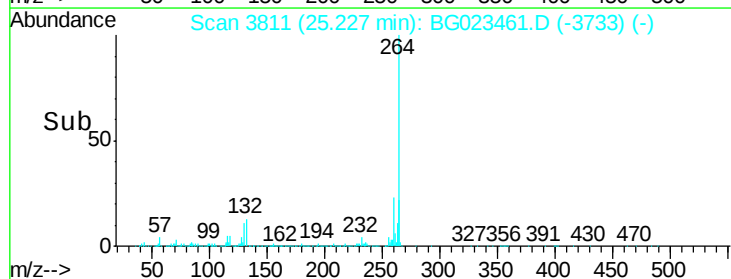
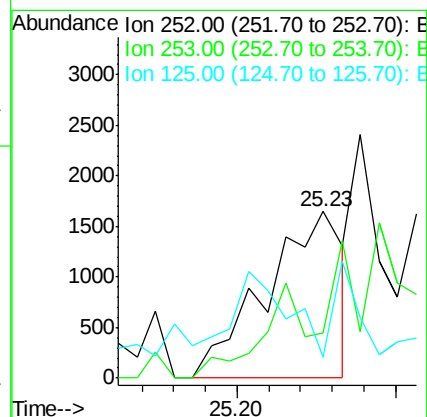
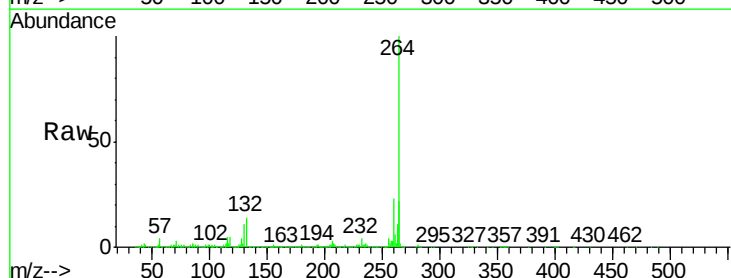
Tgt Ion:252 Resp: 2785

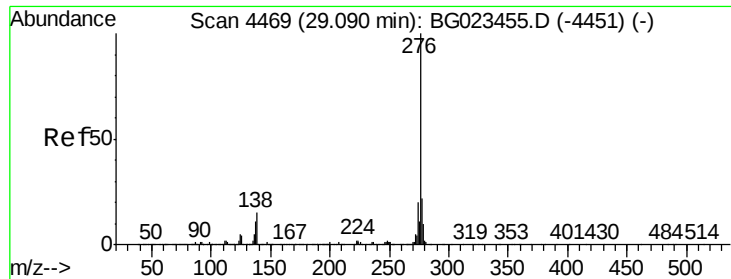
Ion Ratio Lower Upper

252 100

253 27.5 19.0 28.4

125 12.8 12.0 18.0





#89

Indeno(1,2,3-cd)pyrene

Concen: 0.01 ng/ul

RT: 29.11 min Scan# 4472

Delta R.T. 0.02 min

Lab File: BG023461.D

Acq: 4 Aug 2016 21:07

Instrument :

BNA_G

ClientSampleId :

BDJJ5

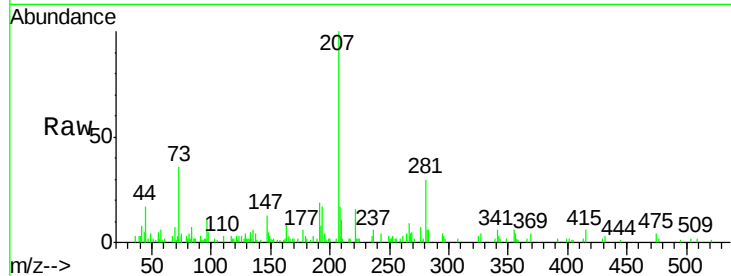
Tot Ion:276 Resp: 649

Ion Ratio Lower Upper

276 100

138 22.1 20.8 31.2

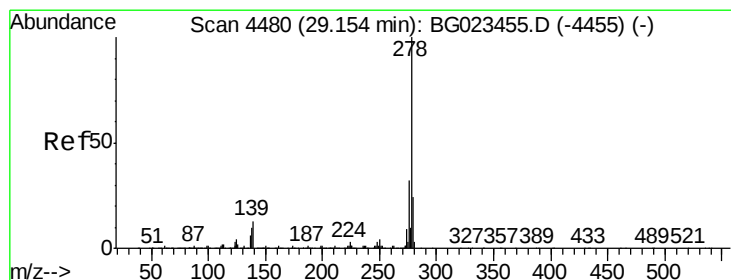
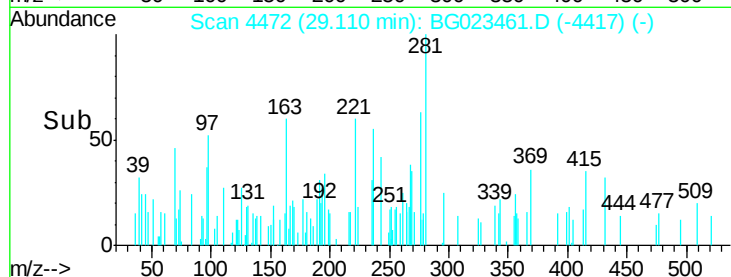
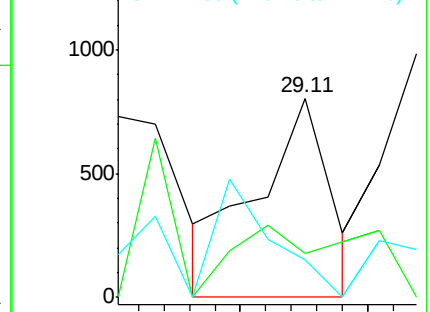
277 18.7 17.6 26.4



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



#90

Dibenzo(a,h)anthracene

Concen: 0.01 ng/ul

RT: 29.16 min Scan# 4480

Delta R.T. 0.00 min

Lab File: BG023461.D

Acq: 4 Aug 2016 21:07

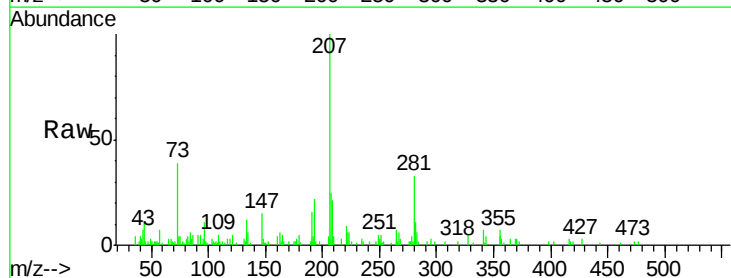
Tgt Ion:278 Resp: 472

Ion Ratio Lower Upper

278 100

139 0.0 16.3 24.5#

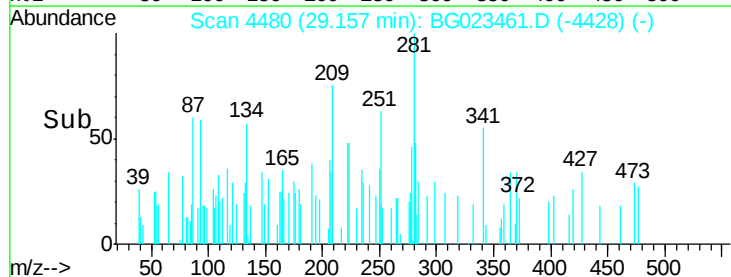
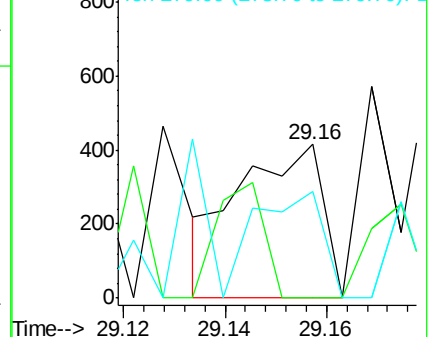
279 69.4 19.1 28.7#

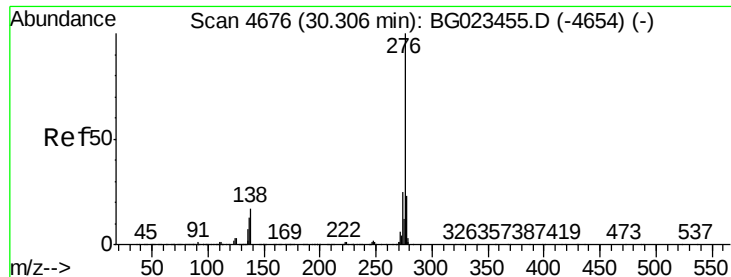


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 0.01 ng/ul

RT: 30.29 min Scan# 4673

Delta R.T. -0.01 min

Lab File: BG023461.D

Acq: 4 Aug 2016 21:07

Instrument :

BNA_G

ClientSampleId :

BDJJ5

Tot Ion:276 Resp: 367

Ion Ratio Lower Upper

276 100

138 0.0 22.1 33.1#

277 24.4 17.0 25.4

