

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080416\
 Data File : BG023464.D
 Acq On : 4 Aug 2016 23:07
 Operator : UM/SJ
 Sample : H4208-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDJJ8

Quant Time: Aug 05 02:35:26 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	122982	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	587119	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	459318	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.54	188	1175203	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	1194831	20.00	ng/ul	0.00
83) Perylene-d12	25.24	264	1186876	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.49	96	5893	2.04	ng/uL	0.00
5) Phenol-d5	7.27	99	266977	21.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	188750	23.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	199110	23.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	209156	21.63	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	102552	22.16	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	118761	22.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	217160	21.66	ng/ul	0.00
29) 4-Chloroaniline-d4	11.08	131	268359	22.82	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	902563	24.00	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	1001995	23.67	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	131205	20.44	ng/ul	0.00
57) Fluorene-d10	15.77	176	823363	23.69	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	140201	18.60	ng/ul	0.00
70) Anthracene-d10	17.64	188	1331494	25.15	ng/ul	0.00
76) Pyrene-d10	19.93	212	1497192	24.75	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.00	264	1362426	25.36	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.53	88	821	0.27 ng/uL#	33
4) Benzaldehyde	7.25	77	75	0.01 ng/ul#	76
6) Phenol	7.30	94	6132	0.48 ng/ul#	28
8) Bis(2-Chloroethyl)ether	7.52	93	1348	0.14 ng/ul#	70
10) 2-Chlorophenol	7.68	128	61	0.01 ng/ul#	36
11) 2-Methylphenol	8.58	108	61	0.01 ng/ul#	1
12) 2,2'-oxybis(1-Chloropropan	8.65	45	185	0.01 ng/ul#	64
14) Acetophenone	8.96	105	3460	0.22 ng/ul#	39
15) N-Nitroso-di-n-propylamine	8.92	70	259	0.03 ng/ul#	46
16) 4-Methylphenol	8.89	108	985	0.09 ng/ul	100
17) Hexachloroethane	9.33	117	146	0.04 ng/ul#	10
20) Nitrobenzene	9.35	77	68	0.01 ng/ul#	36
21) Isophorone	9.85	82	143	0.01 ng/ul#	1
23) 2-Nitrophenol	10.29	139	127	0.02 ng/ul#	42
24) 2,4-Dimethylphenol	10.32	107	55	0.00 ng/ul#	60
25) Bis(2-Chloroethoxy)methane	10.28	93	53	0.00 ng/ul#	49
27) 2,4-Dichlorophenol	10.58	162	334	0.03 ng/ul#	1
28) Naphthalene	11.00	128	896	0.03 ng/ul#	64
30) 4-Chloroaniline	11.11	127	193	0.02 ng/ul#	33
32) Caprolactam	11.92	113	77	0.02 ng/ul#	32
33) 4-Chloro-3-methylphenol	12.23	107	74	0.01 ng/ul#	15
34) 2-Methylnaphthalene	12.82	142	413	0.02 ng/ul	98
40) 1,1'-Biphenyl	13.60	154	67	0.00 ng/ul#	41

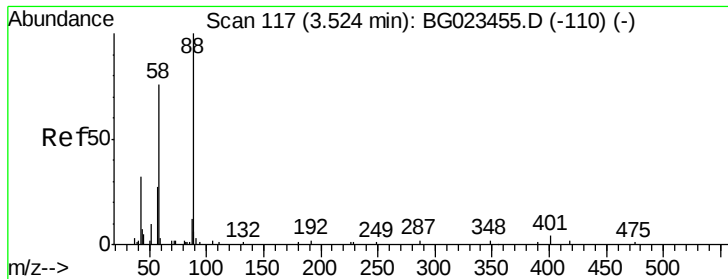
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2-Nitroaniline	13.84	65	115	0.01	ng/ul#	51
44) Dimethylphthalate	14.22	163	474131	12.73	ng/ul	99
45) 2,6-Dinitrotoluene	14.39	165	185	0.02	ng/ul#	34
47) Acenaphthylene	14.51	152	938	0.02	ng/ul#	59
48) 3-Nitroaniline	14.84	138	157	0.02	ng/ul#	1
49) Acenaphthene	14.84	153	1179	0.04	ng/ul	91
52) 4-Nitrophenol	14.99	109	407	0.06	ng/ul#	1
53) Dibenzofuran	15.19	168	614	0.01	ng/ul#	83
54) 2,4-Dinitrotoluene	15.16	165	194	0.02	ng/ul#	25
55) 2,3,4,6-Tetrachlorophenol	15.66	232	89	0.01	ng/ul#	39
56) Diethylphthalate	15.58	149	2135	0.05	ng/ul#	79
58) Fluorene	15.83	166	1899	0.05	ng/ul#	69
59) 4-Chlorophenyl-phenylether	15.82	204	201	0.01	ng/ul#	28
60) 4-Nitroaniline	15.89	138	436	0.05	ng/ul#	1
63) 4,6-Dinitro-2-methylphenol	15.92	198	92	0.01	ng/ul#	1
64) N-Nitrosodiphenylamine	15.93	169	233	0.01	ng/ul	90
65) 4-Bromophenyl-phenylether	16.81	248	70	0.01	ng/ul#	1
66) Hexachlorobenzene	16.82	284	59	0.00	ng/ul#	42
67) Atrazine	16.98	200	232	0.02	ng/ul#	24
68) Pentachlorophenol	17.35	266	196	0.02	ng/ul#	14
69) Phenanthrene	17.58	178	27197	0.45	ng/ul#	90
71) Anthracene	17.68	178	4093	0.07	ng/ul#	82
72) Carbazole	17.95	167	2610	0.05	ng/ul#	88
73) Di-n-butylphthalate	18.49	149	6928	0.11	ng/ul#	76
74) Fluoranthene	19.59	202	57068	0.92	ng/ul#	94
77) Pyrene	19.96	202	58048	0.79	ng/ul#	89
78) Butylbenzylphthalate	20.84	149	418	0.01	ng/ul#	83
79) 3,3'-Dichlorobenzidine	21.75	252	95	0.00	ng/ul#	1
80) Benzo(a)anthracene	21.83	228	28198	0.42	ng/ul#	81
81) Bis(2-ethylhexyl)phthalate	21.71	149	79172	2.10	ng/ul#	97
82) Chrysene	21.90	228	22867	0.37	ng/ul#	91
84) Di-n-octyl phthalate	22.98	149	1221	0.02	ng/ul	100
85) Benzo(b)fluoranthene	24.21	252	11854	0.18	ng/ul	98
86) Benzo(k)fluoranthene	24.21	252	12118	0.18	ng/ul	96
88) Benzo(a)pyrene	25.07	252	22947	0.35	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	29.08	276	2327	0.03	ng/ul#	65
90) Dibenzo(a,h)anthracene	29.15	278	591	0.01	ng/ul#	94
91) Benzo(g,h,i)perylene	30.30	276	3141	0.05	ng/ul	92

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



#2

1,4-Dioxane

Concen: 0.27 ng/uL

RT: 3.53 min Scan# 118

Delta R.T. 0.01 min

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Acq: 4 Aug 2016 23:07

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BNA_G

ClientSampled :

BDJJ8

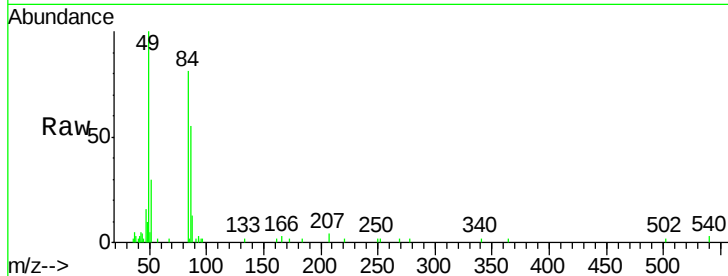
Tot Ion: 88 Resp: 821

Ion Ratio Lower Upper

88 100

43 36.5 16.6 24.8#

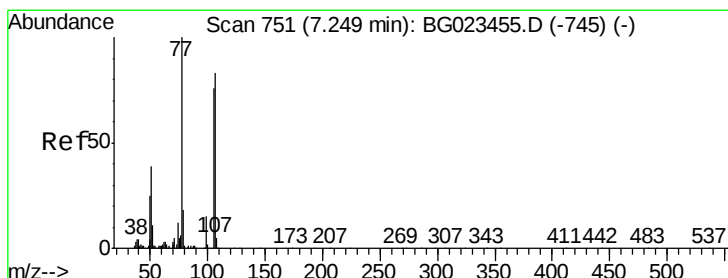
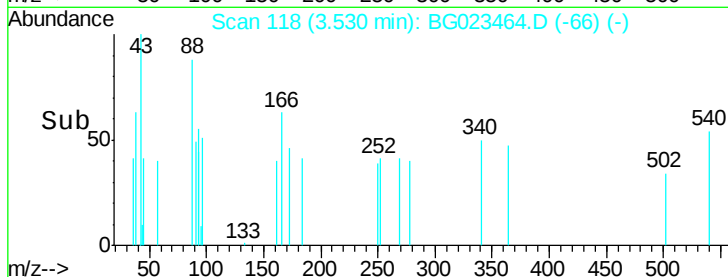
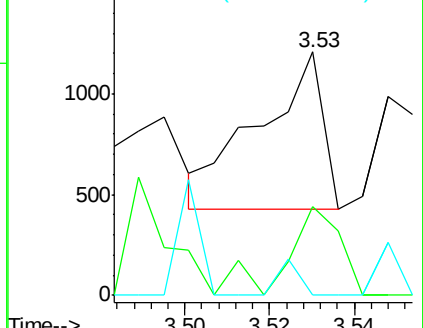
58 0.0 47.2 70.8#



Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

Ion 58.00 (57.70 to 58.70): BGC



#4

Benzaldehyde

Concen: 0.01 ng/uL

RT: 7.25 min Scan# 751

Delta R.T. -0.00 min

Lab File: BG023464.D

Acq: 4 Aug 2016 23:07

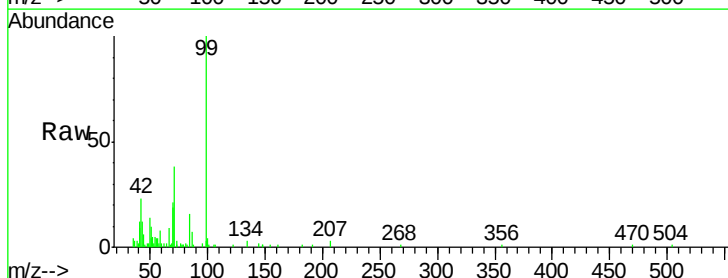
Tgt Ion: 77 Resp: 75

Ion Ratio Lower Upper

77 100

105 80.7 83.8 125.8#

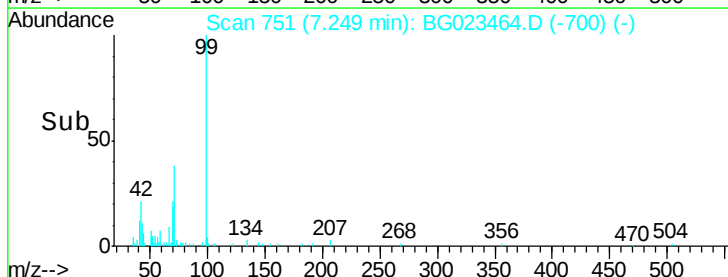
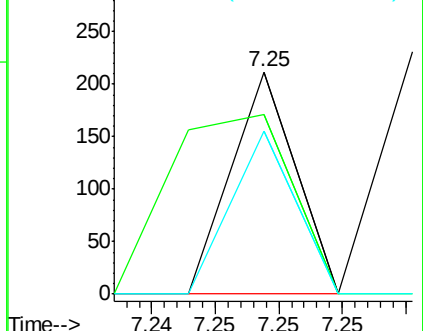
106 73.1 77.9 116.9#

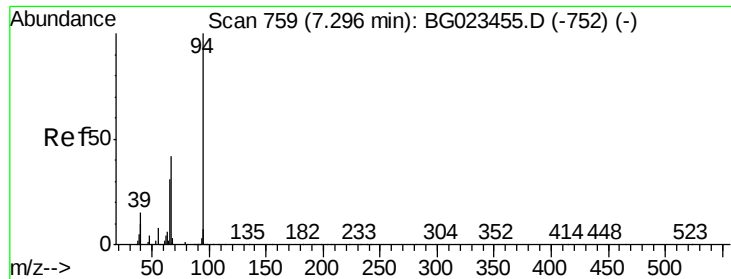


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC





#6

Phenol

Concen: 0.48 ng/ul

RT: 7.30 min Scan# 759

Delta R.T. -0.00 min

Lab File: BG023464.D

Acq: 4 Aug 2016 23:07

Instrument :

BNA_G

ClientSampleId :

BDJJ8

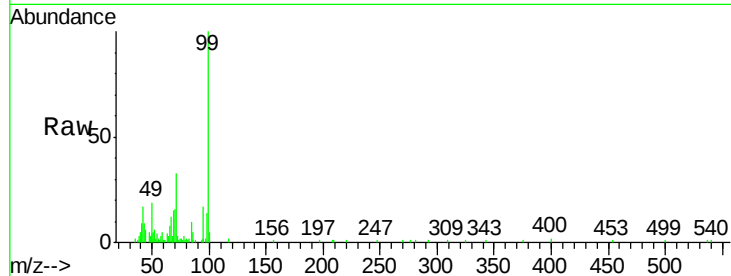
Tot Ion: 94 Resp: 6132

Ion Ratio Lower Upper

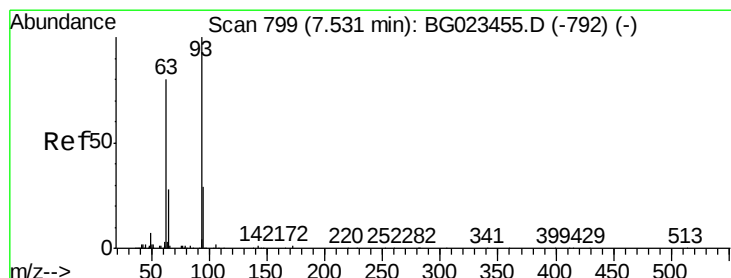
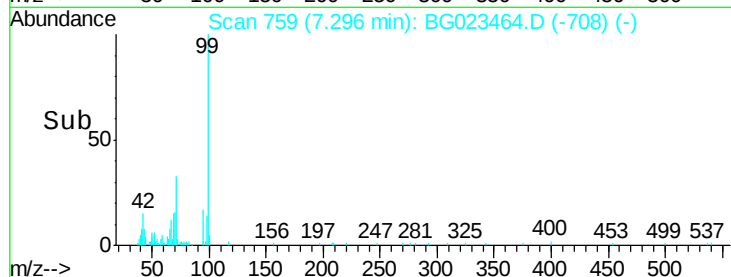
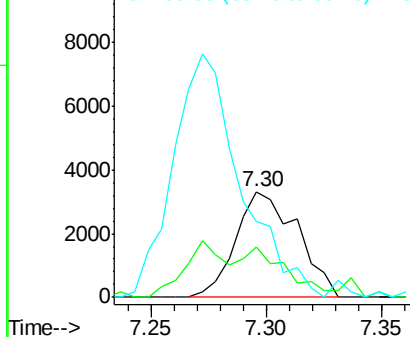
94 100

65 47.6 16.8 25.2#

66 72.6 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: 0.14 ng/ul

RT: 7.52 min Scan# 798

Delta R.T. -0.01 min

Lab File: BG023464.D

Acq: 4 Aug 2016 23:07

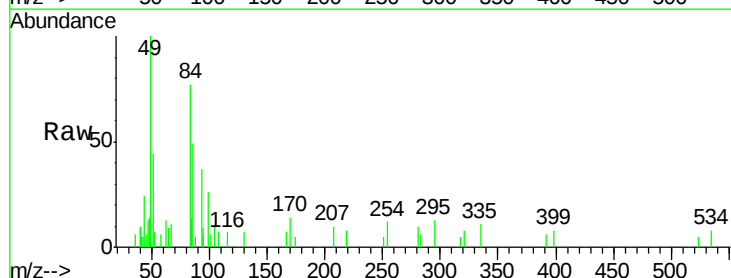
Tgt Ion: 93 Resp: 1348

Ion Ratio Lower Upper

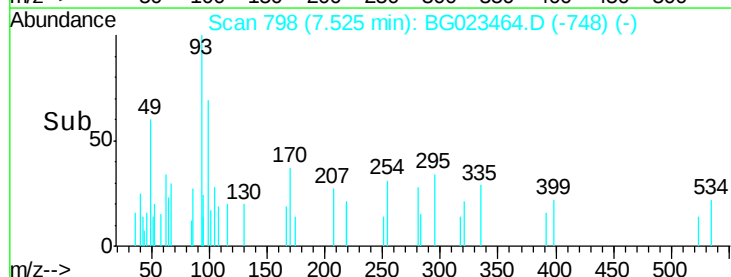
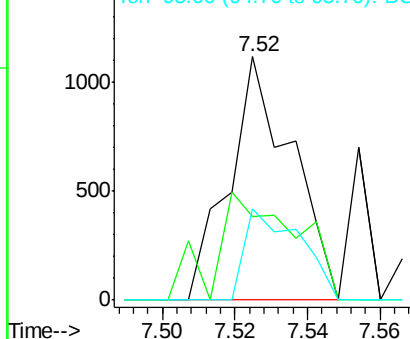
93 100

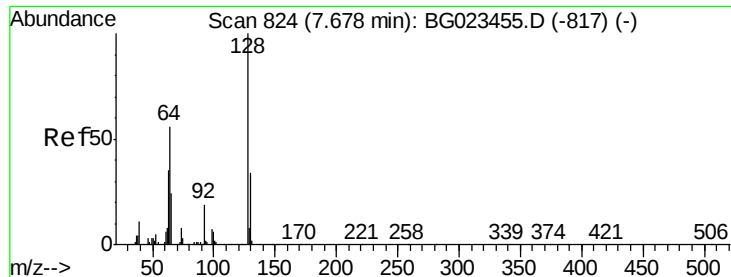
63 34.5 56.0 84.0#

95 37.3 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

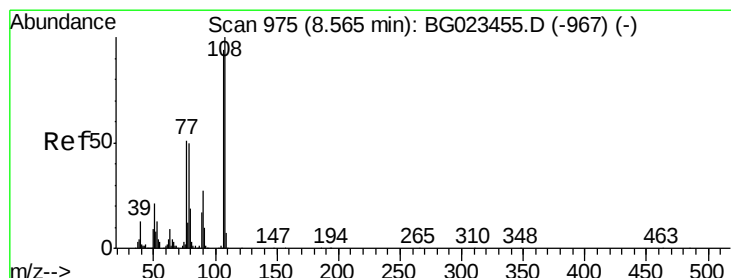
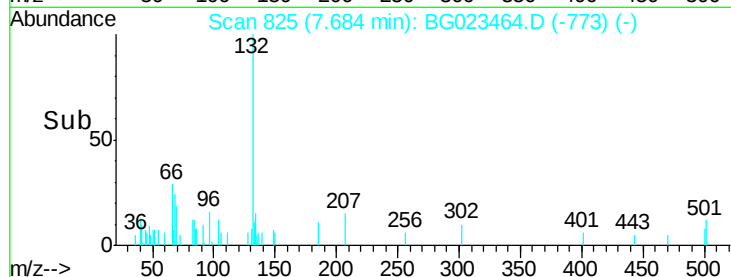
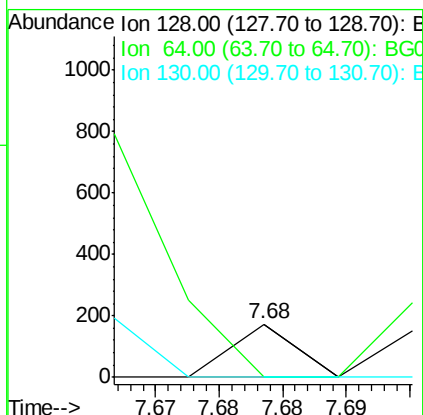
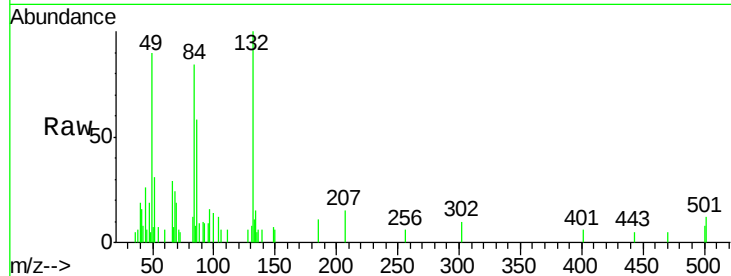




#10
2-Chlorophenol
Concen: 0.01 ng/ul
RT: 7.68 min Scan# 825
Delta R.T. 0.01 min
Lab File: BG023464.D
Acq: 4 Aug 2016 23:07

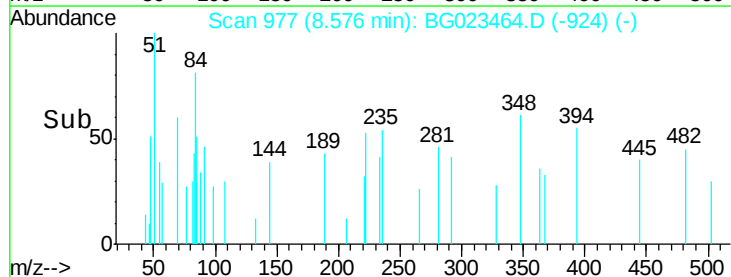
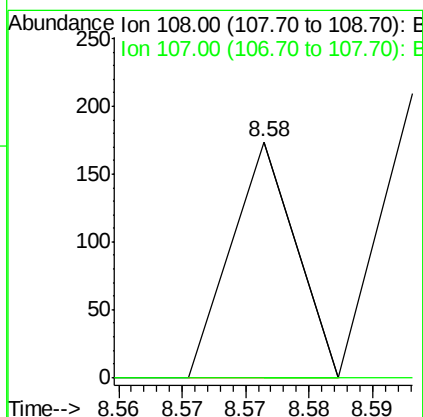
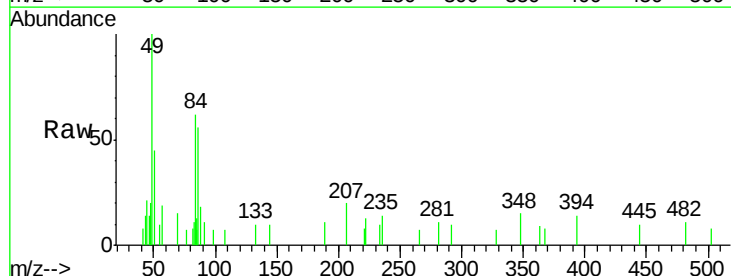
Instrument :
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ClientSampleId :
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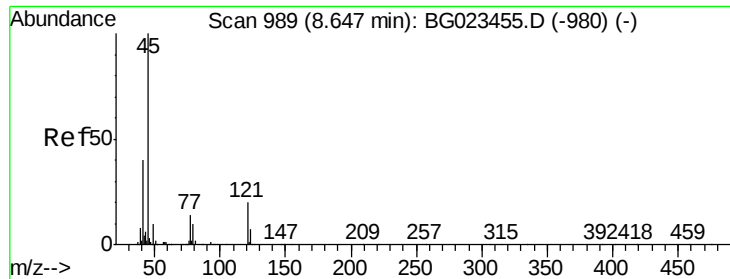
Tot Ion	Ratio	Lower	Upper
128	100		
64	0.0	34.2	51.4#
130	0.0	27.0	40.4#



#11
2-Methylphenol
Concen: 0.01 ng/ul
RT: 8.58 min Scan# 977
Delta R.T. 0.01 min
Lab File: BG023464.D
Acq: 4 Aug 2016 23:07

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

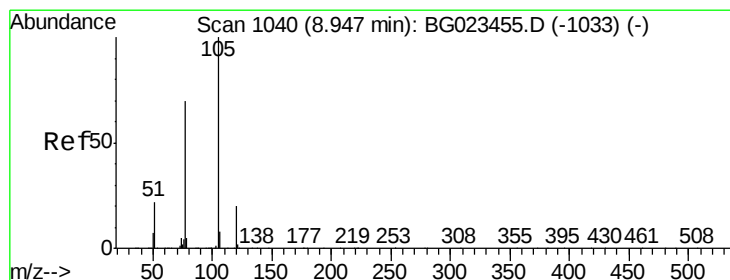
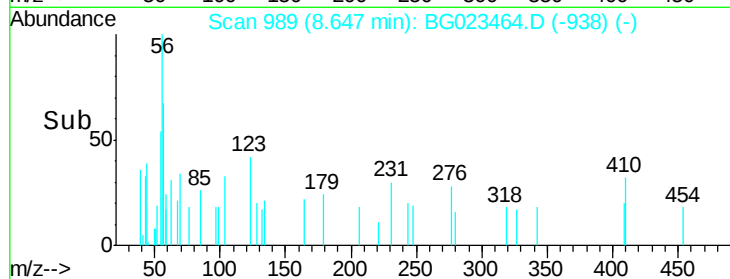
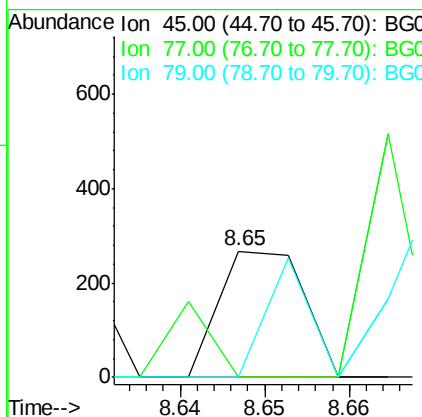
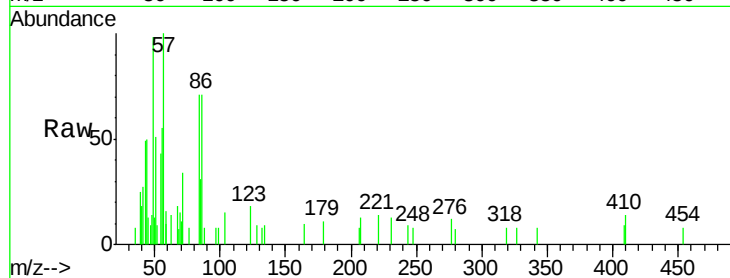




#12
2,2'-oxvbis(1-Chloropropane)
Concen: 0.01 ng/ul
RT: 8.65 min Scan# 989
Delta R.T. -0.00 min
Lab File: BG023464.D
Acq: 4 Aug 2016 23:07

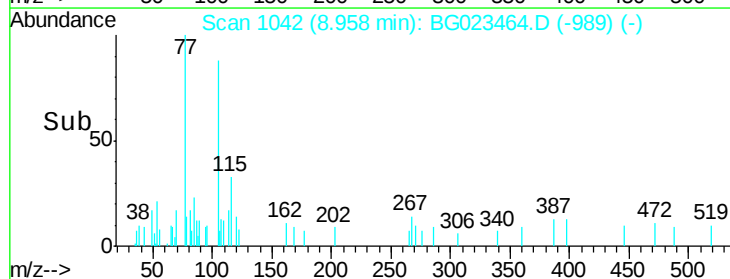
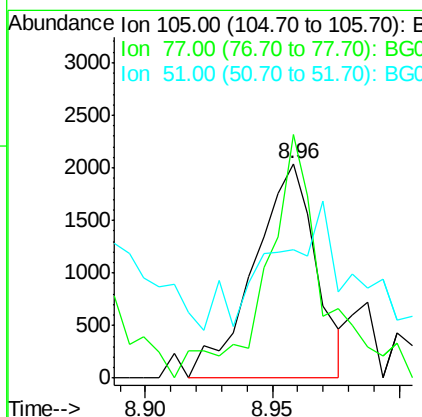
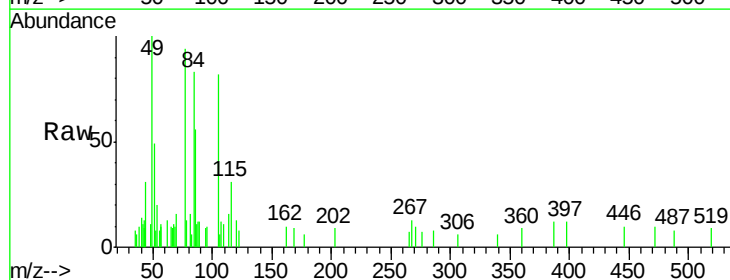
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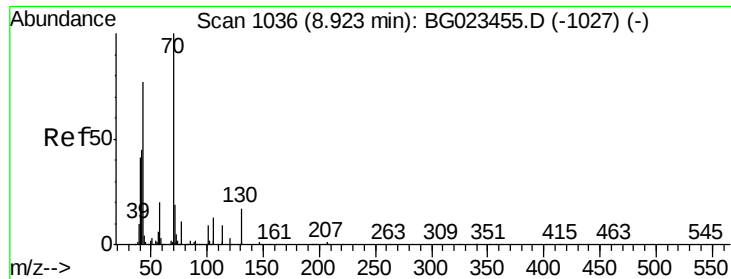
Tot Ion	Ratio	Lower	Upper
45	100		
77	0.0	13.4	20.2#
79	0.0	10.2	15.4#



#14
Acetophenone
Concen: 0.22 ng/ul
RT: 8.96 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BG023464.D
Acq: 4 Aug 2016 23:07

Tgt Ion	Ratio	Lower	Upper
105	100		
77	113.5	56.1	84.1#
51	59.9	14.6	22.0#

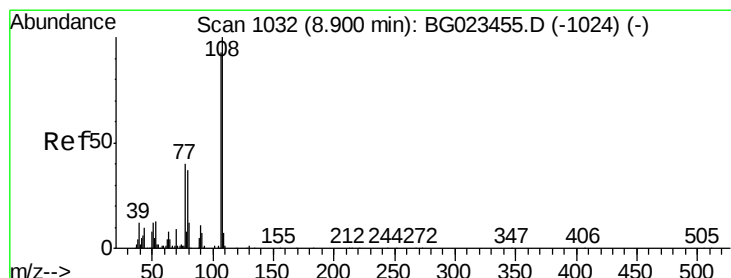
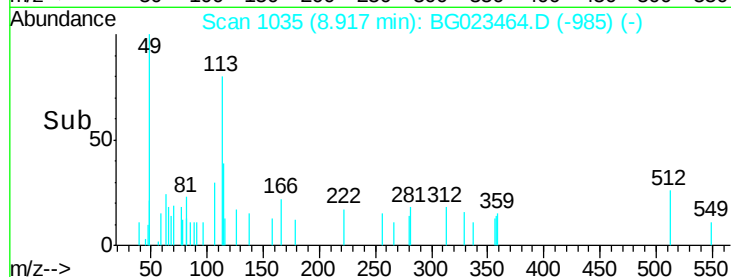
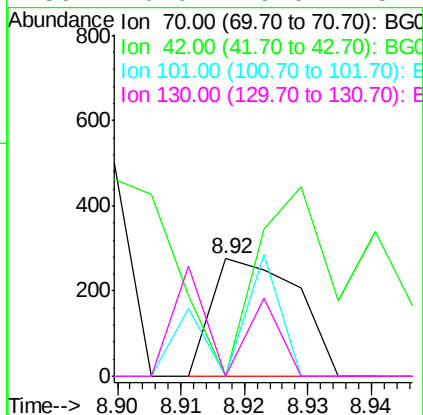
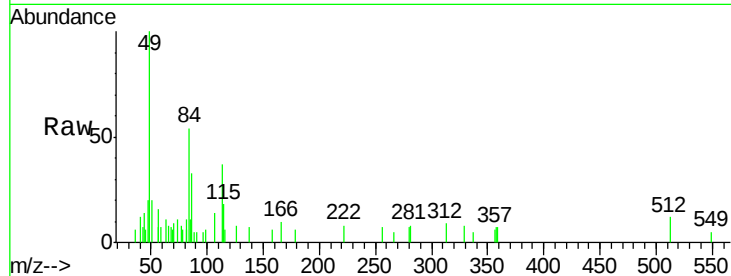




#15
N-Nitroso-di-n-propylamine
Concen: 0.03 ng/ul
RT: 8.92 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG023464.D
Acq: 4 Aug 2016 23:07

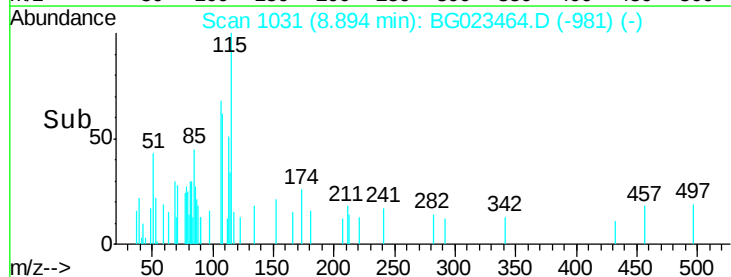
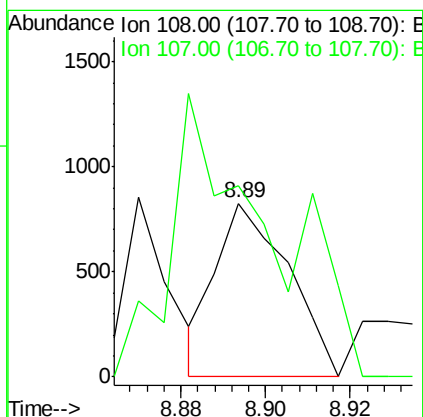
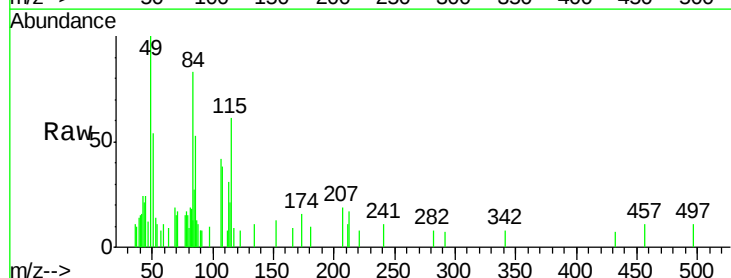
Instrument :
BNA_G
ClientSampleId :
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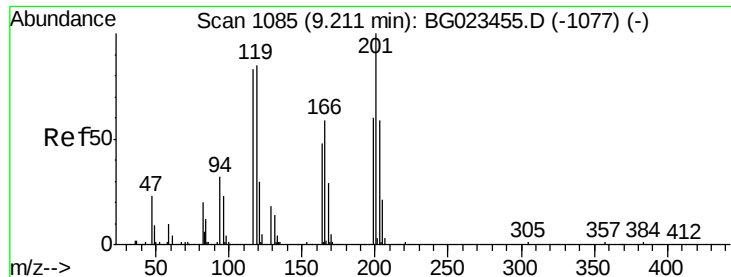
Tot Ion:	70	Resp:	259
Ion	Ratio	Lower	Upper
70	100		
42	0.0	31.4	47.2#
101	0.0	8.6	13.0#
130	0.0	19.0	28.4#



#16
4-Methylphenol
Concen: 0.09 ng/ul
RT: 8.89 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BG023464.D
Acq: 4 Aug 2016 23:07

Tgt Ion:	108	Resp:	985
Ion	Ratio	Lower	Upper
108	100		
107	110.2	88.3	132.5





#17

Hexachloroethane

Concen: 0.04 ng/ul

RT: 9.33 min Scan# 1106

Delta R.T. 0.12 min

Lab File: BG023464.D

Acq: 4 Aug 2016 23:07

Instrument :

BNA_G

ClientSampleId :

BDJJ8

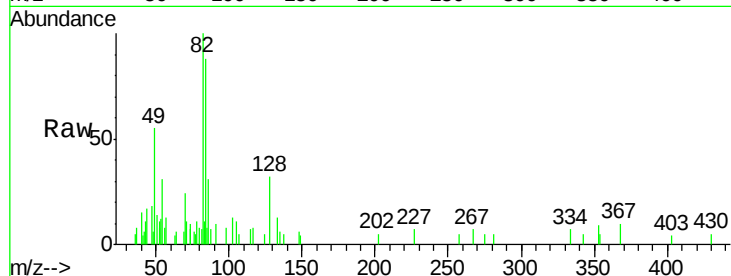
Tot Ion:117 Resp: 146

Ion Ratio Lower Upper

117 100

201 0.0 76.8 115.2#

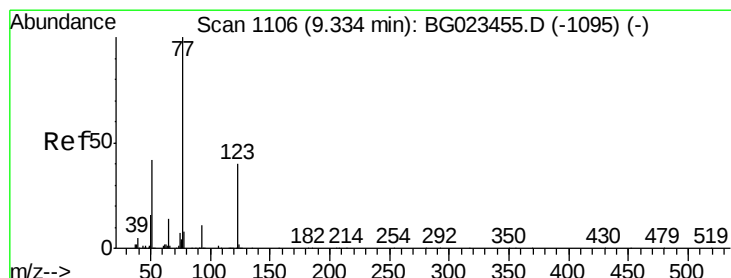
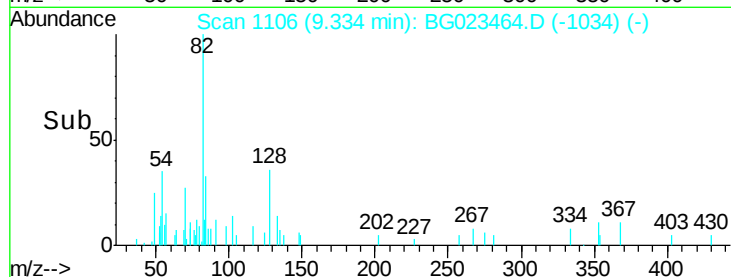
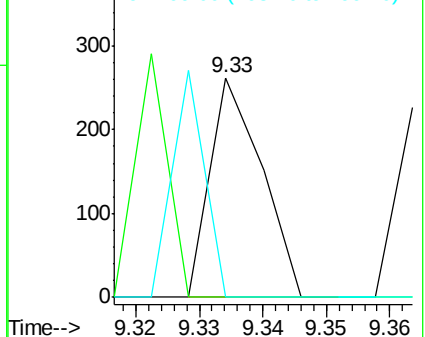
199 0.0 43.5 65.3#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#20

Nitrobenzene

Concen: 0.01 ng/ul

RT: 9.35 min Scan# 1108

Delta R.T. 0.01 min

Lab File: BG023464.D

Acq: 4 Aug 2016 23:07

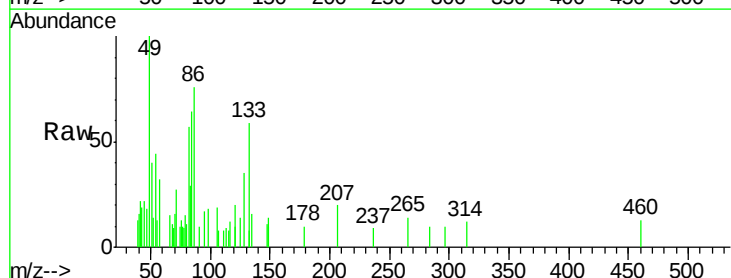
Tgt Ion: 77 Resp: 68

Ion Ratio Lower Upper

77 100

123 0.0 39.5 59.3#

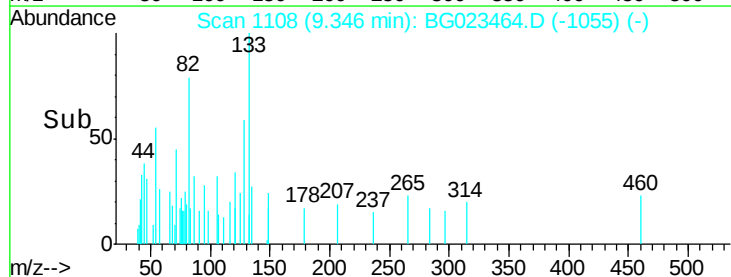
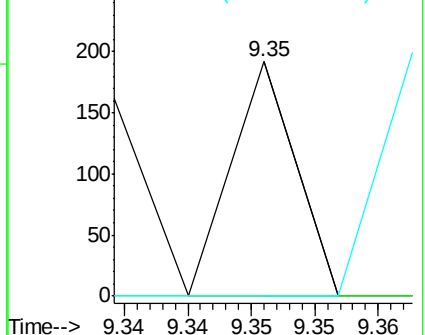
65 0.0 9.0 13.4#

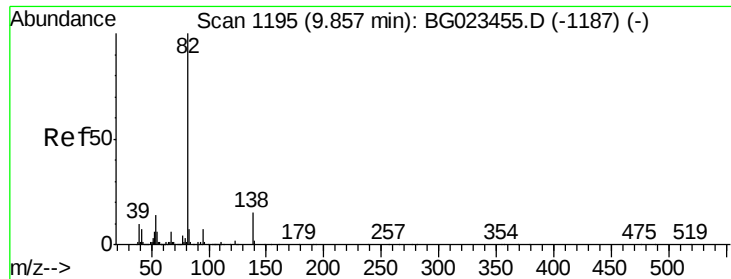


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BGC





#21

Isophorone

Concen: 0.01 ng/ul

RT: 9.85 min Scan# 1193

Delta R.T. -0.01 min

Lab File: BG023464.D

Acq: 4 Aug 2016 23:07

Instrument :

BNA_G

ClientSampled :

BDJJ8

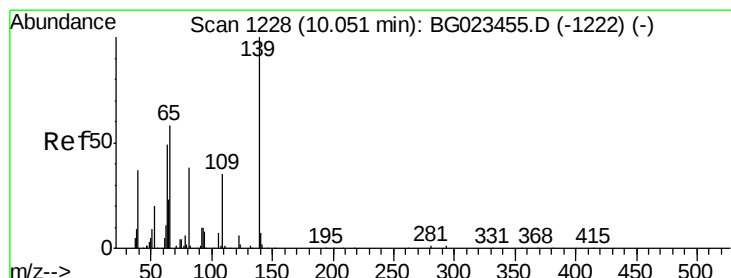
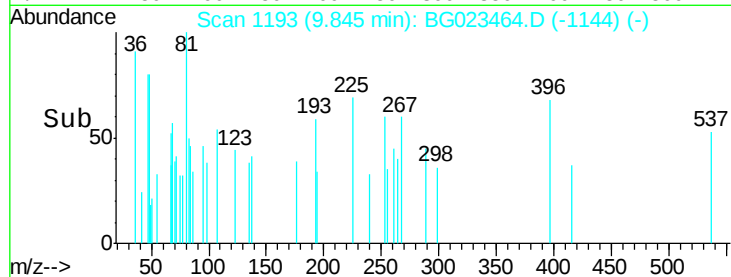
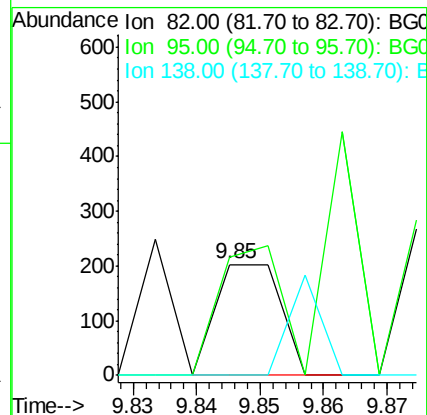
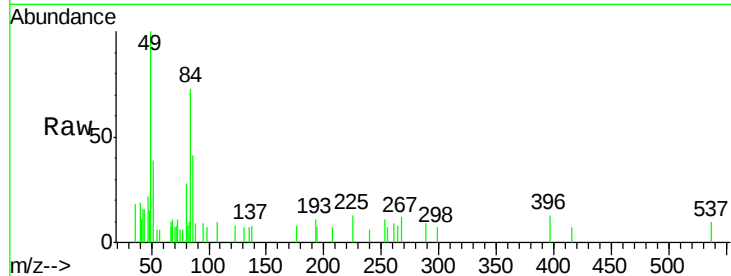
Tot Ion: 82 Resp: 143

Ion Ratio Lower Upper

82 100

95 106.9 5.1 7.7#

138 0.0 15.0 22.6#



#23

2-Nitrophenol

Concen: 0.02 ng/ul

RT: 10.29 min Scan# 1268

Delta R.T. 0.23 min

Lab File: BG023464.D

Acq: 4 Aug 2016 23:07

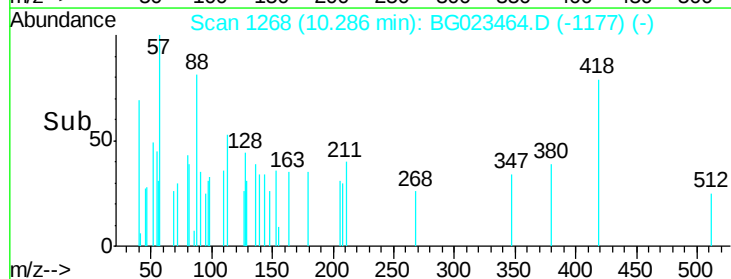
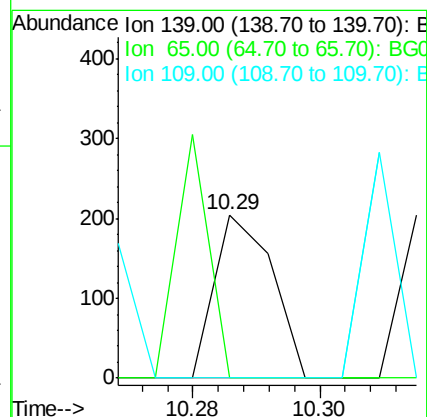
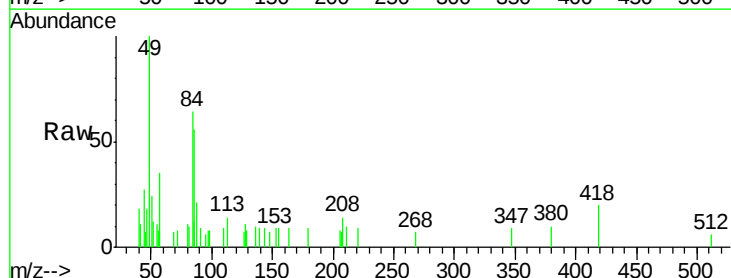
Tgt Ion: 139 Resp: 127

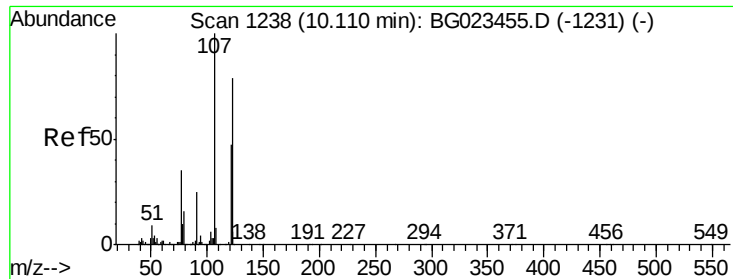
Ion Ratio Lower Upper

139 100

65 0.0 31.8 47.8#

109 0.0 17.1 25.7#





#24

2,4-Dimethylphenol

Concen: 0.00 ng/ul

RT: 10.32 min Scan# 1273

Delta R.T. 0.21 min

Lab File: BG023464.D

Acq: 4 Aug 2016 23:07

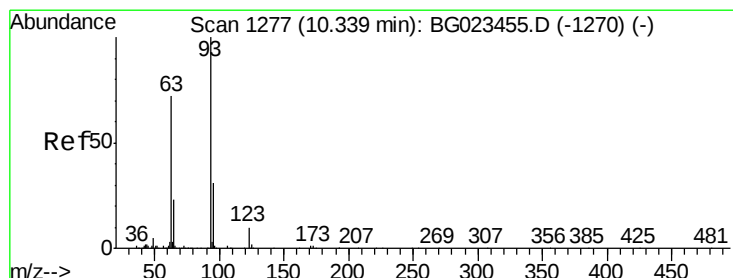
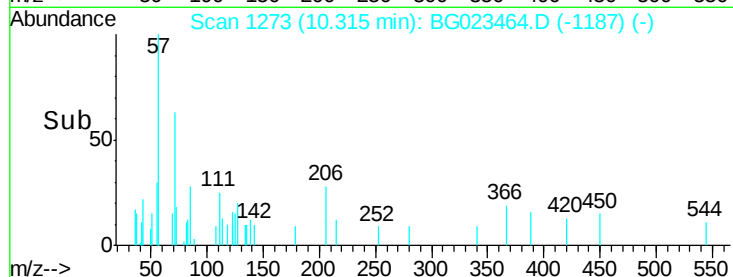
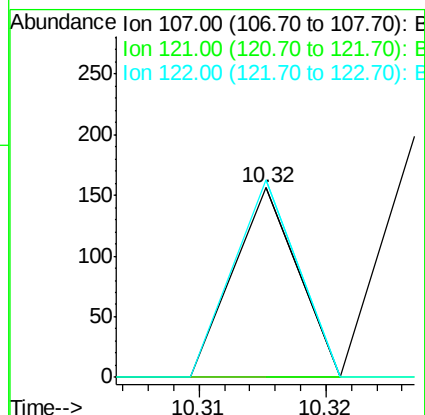
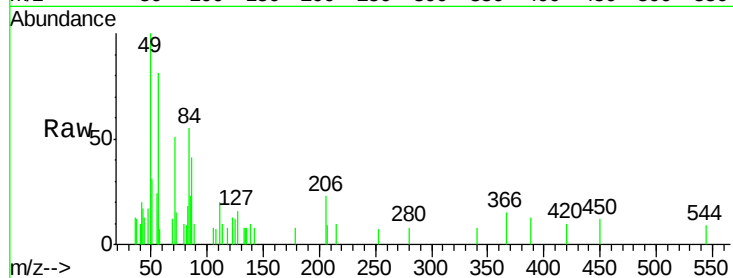
Instrument :

BNA_G

ClientSampled :

BDJJ8

Tot Ion:	107	Resp:	55
Ion	Ratio	Lower	Upper
107	100		
121	0.0	43.7	65.5#
122	104.5	70.3	105.5



#25

Bis(2-Chloroethoxy)methane

Concen: 0.00 ng/ul

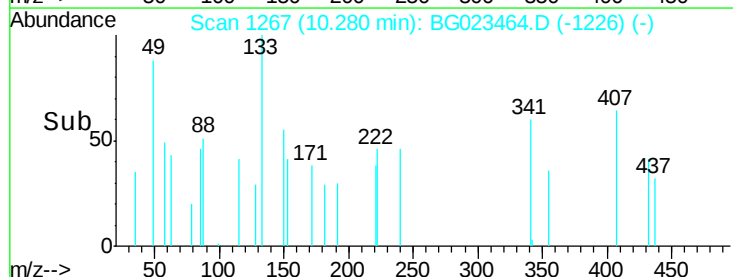
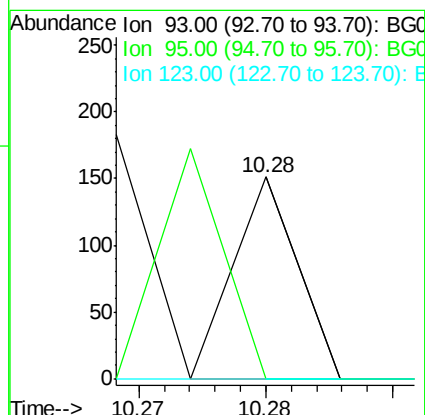
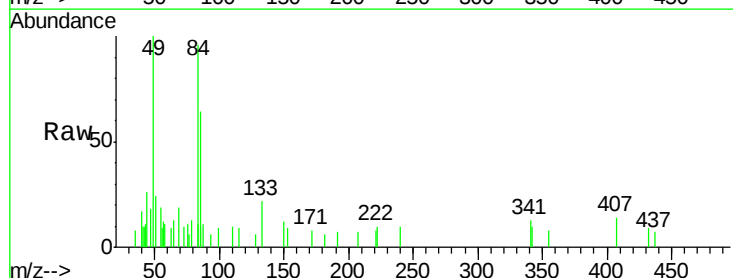
RT: 10.28 min Scan# 1267

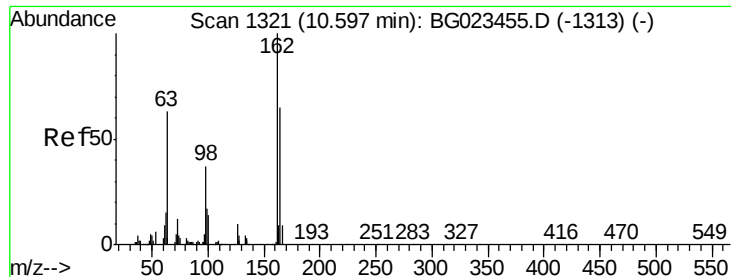
Delta R.T. -0.06 min

Lab File: BG023464.D

Acq: 4 Aug 2016 23:07

Tgt Ion:	93	Resp:	53
Ion	Ratio	Lower	Upper
93	100		
95	0.0	26.0	39.0#
123	0.0	10.1	15.1#

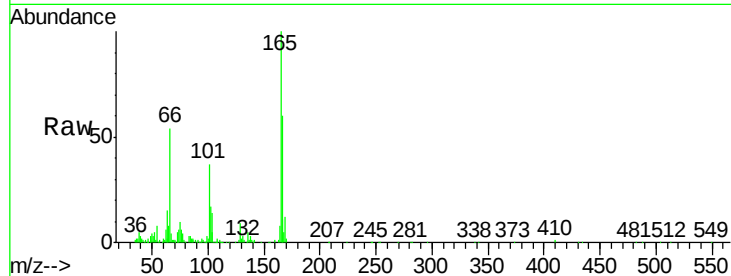




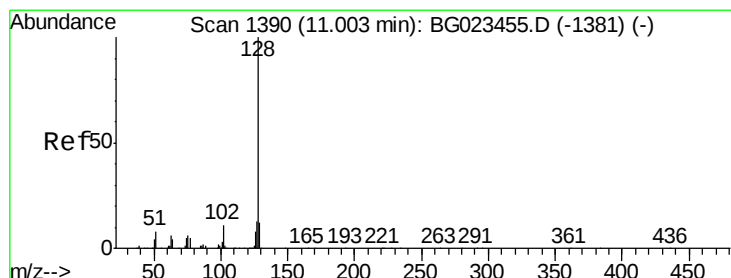
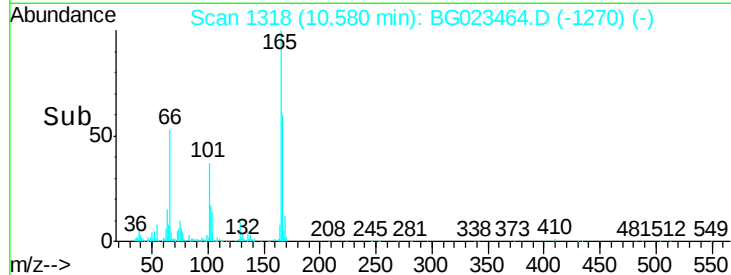
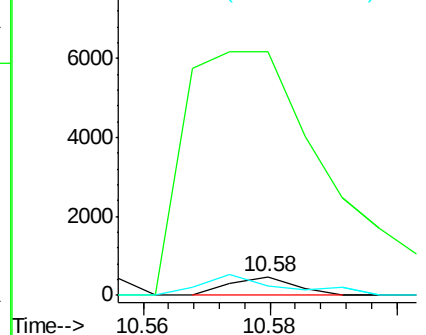
#27
2,4-Dichlorophenol
Concen: 0.03 ng/ul
RT: 10.58 min Scan# 1318
Delta R.T. -0.02 min
Lab File: BG023464.D
Acq: 4 Aug 2016 23:07

Instrument :
BNA_G
ClientSampleId :
BDJJ8

Tot Ion:162 Resp: 334
Ion Ratio Lower Upper
162 100
164 1302.3 51.6 77.4#
98 48.3 28.3 42.5#

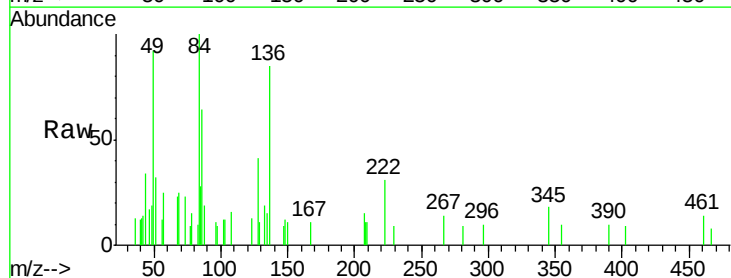


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BGD

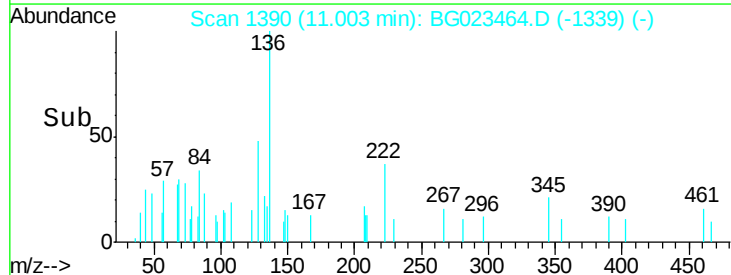
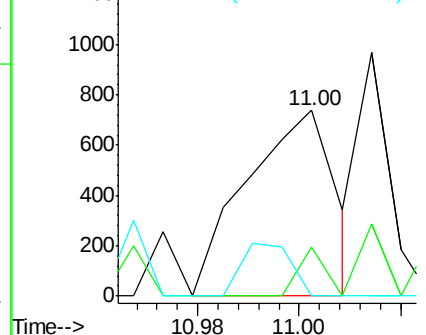


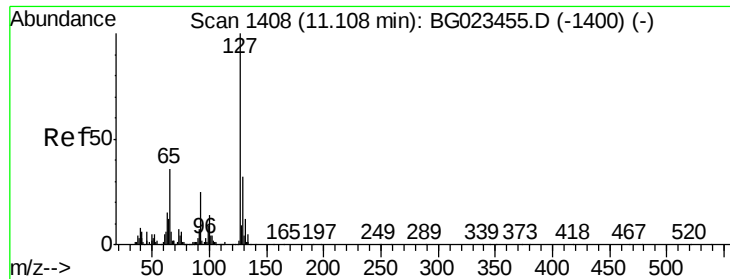
#28
Naphthalene
Concen: 0.03 ng/ul
RT: 11.00 min Scan# 1390
Delta R.T. -0.00 min
Lab File: BG023464.D
Acq: 4 Aug 2016 23:07

Tgt Ion:128 Resp: 896
Ion Ratio Lower Upper
128 100
129 26.3 9.4 14.2#
127 0.0 11.2 16.8#



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

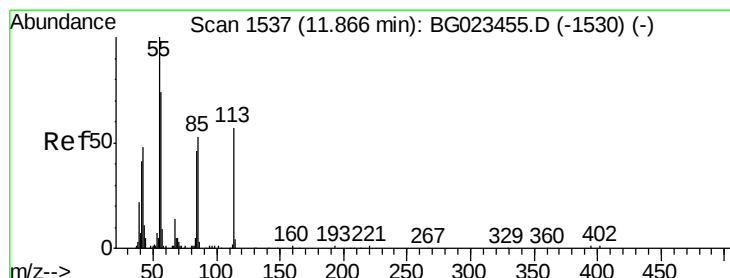
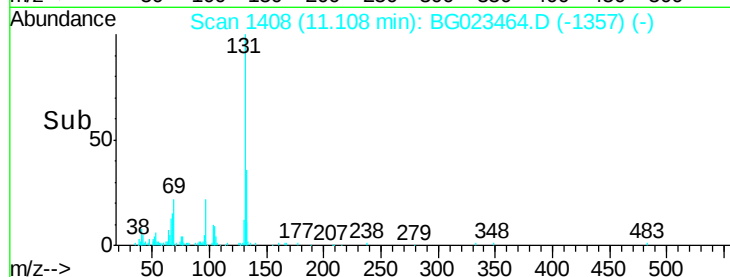
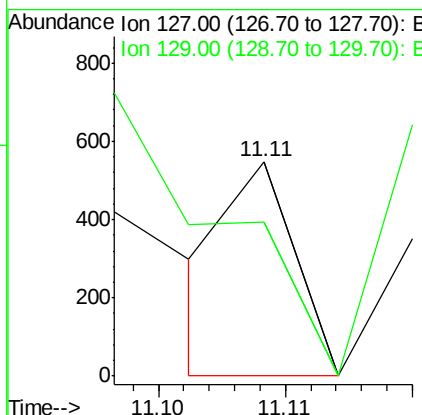
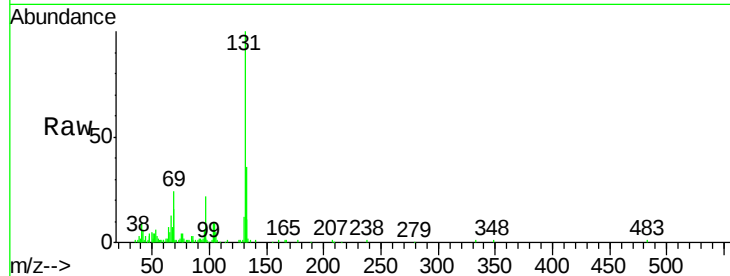




#30
4-Chloroaniline
Concen: 0.02 ng/ul
RT: 11.11 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BG023464.D
Acq: 4 Aug 2016 23:07

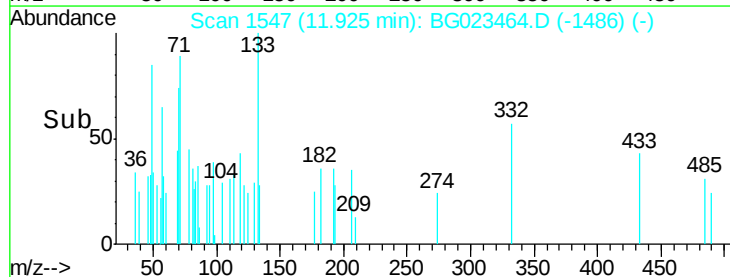
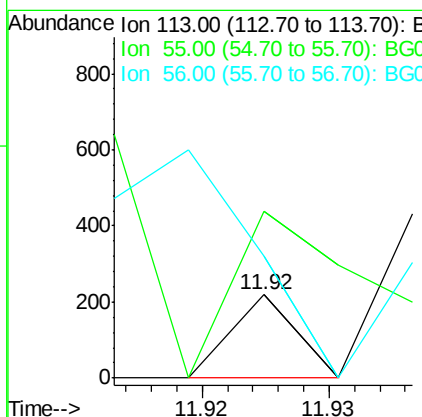
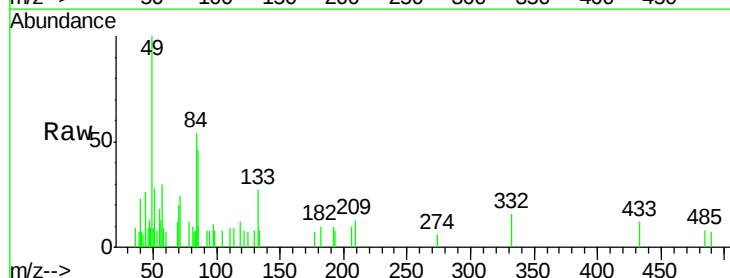
Instrument :
BNA_G
ClientSampleId :
BDJJ8

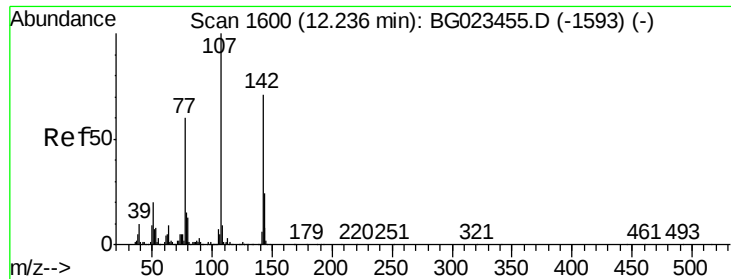
Tot Ion:127 Resp: 193
Ion Ratio Lower Upper
127 100
129 71.9 26.9 40.3#



#32
Caprolactam
Concen: 0.02 ng/ul
RT: 11.92 min Scan# 1547
Delta R.T. 0.06 min
Lab File: BG023464.D
Acq: 4 Aug 2016 23:07

Tgt Ion:113 Resp: 77
Ion Ratio Lower Upper
113 100
55 200.5 99.6 149.4#
56 146.6 66.4 99.6#

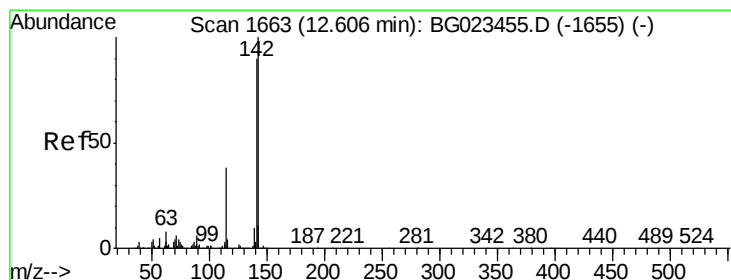
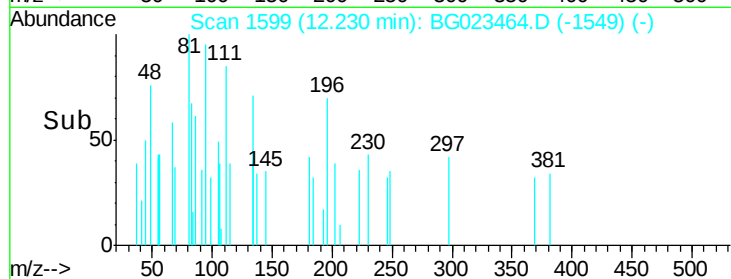
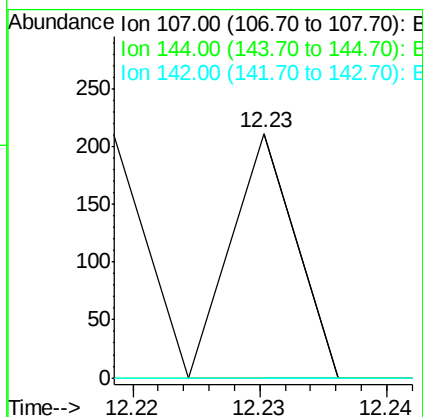
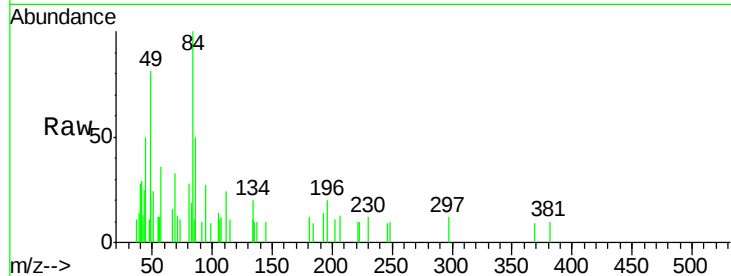




#33
 4-Chloro-3-methylphenol
 Concen: 0.01 ng/ul
 RT: 12.23 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BG023464.D
 Acq: 4 Aug 2016 23:07

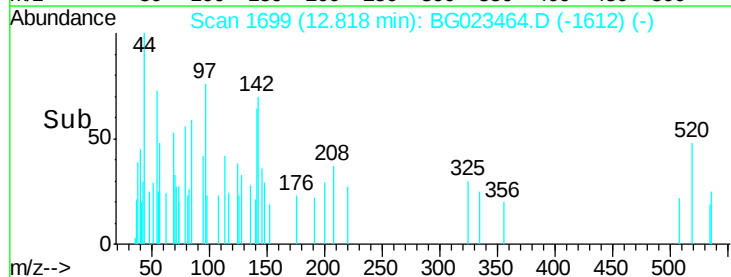
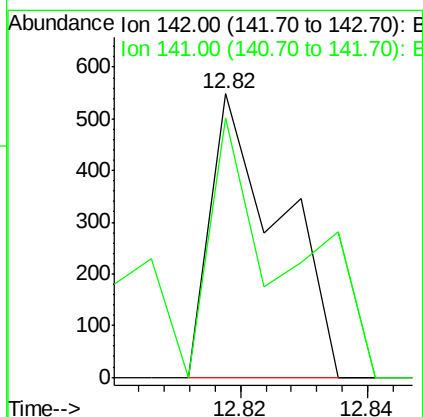
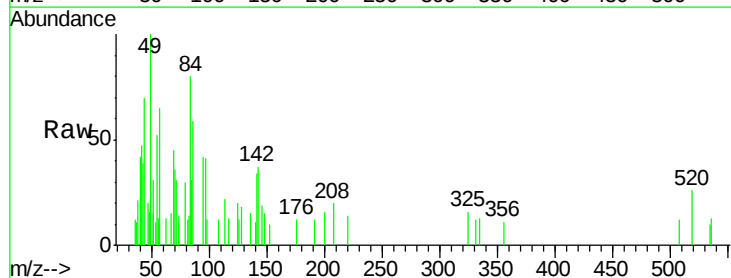
Instrument :
 BNA_G
 ClientSampleId :
 BDJJ8

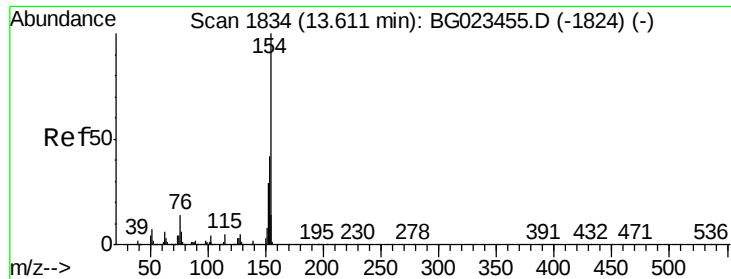
Tot Ion:107 Resp: 74
 Ion Ratio Lower Upper
 107 100
 144 0.0 22.7 34.1#
 142 0.0 71.6 107.4#



#34
 2-Methylnaphthalene
 Concen: 0.02 ng/ul
 RT: 12.82 min Scan# 1699
 Delta R.T. 0.21 min
 Lab File: BG023464.D
 Acq: 4 Aug 2016 23:07

Tgt Ion:142 Resp: 413
 Ion Ratio Lower Upper
 142 100
 141 91.8 75.2 112.8





#40

1,1'-Biphenyl

Concen: 0.00 ng/ul

RT: 13.60 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BG023464.D

Acq: 4 Aug 2016 23:07

Instrument :

BNA_G

ClientSampled :

BDJJ8

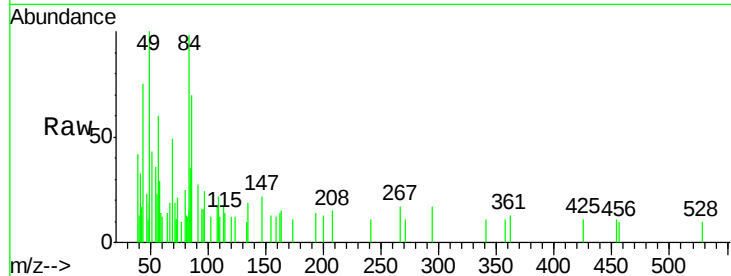
Tot Ion:154 Resp: 67

Ion Ratio Lower Upper

154 100

153 0.0 34.6 52.0#

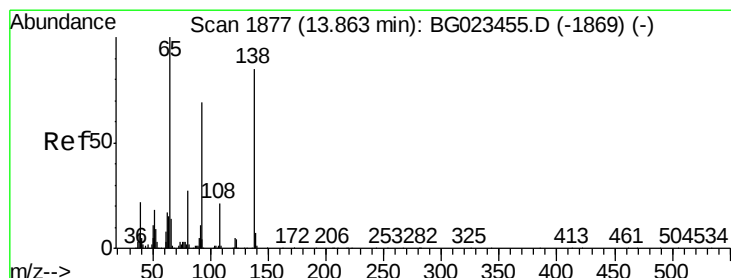
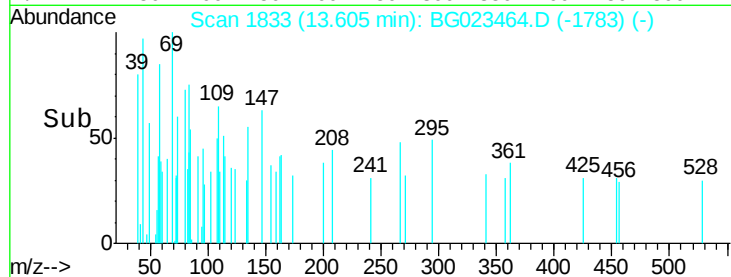
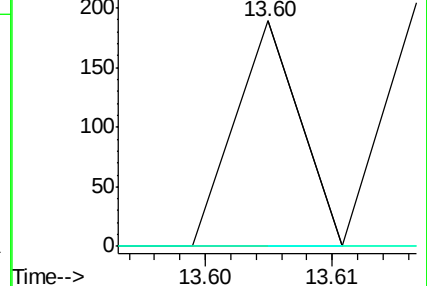
76 0.0 11.9 17.9#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#42

2-Nitroaniline

Concen: 0.01 ng/ul

RT: 13.84 min Scan# 1873

Delta R.T. -0.02 min

Lab File: BG023464.D

Acq: 4 Aug 2016 23:07

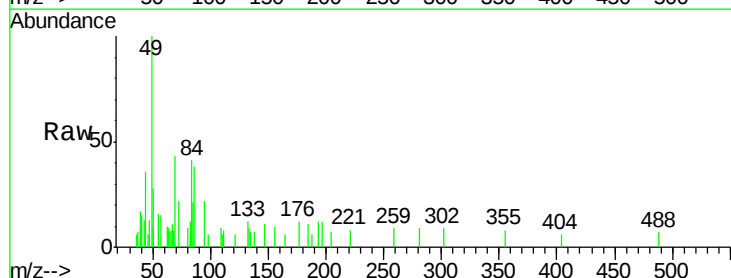
Tgt Ion: 65 Resp: 115

Ion Ratio Lower Upper

65 100

92 0.0 67.1 100.7#

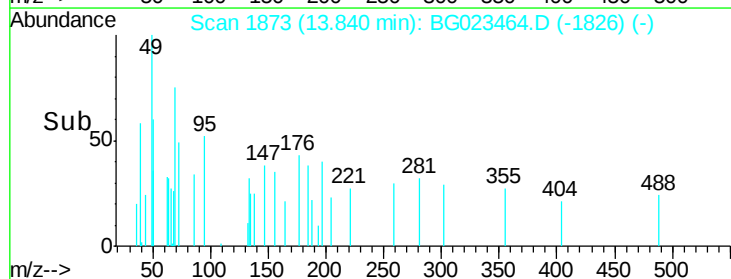
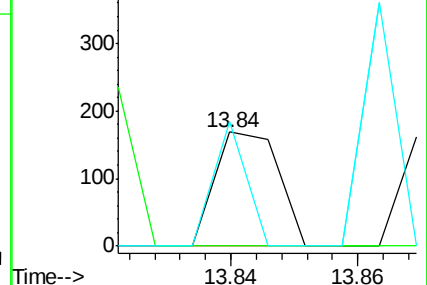
138 109.5 109.6 164.4#

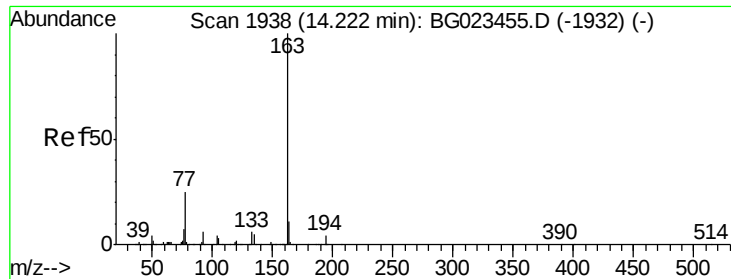


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#44

Dimethylphthalate

Concen: 12.73 ng/ul

RT: 14.22 min Scan# 1938

Delta R.T. -0.00 min

Lab File: BG023464.D

Acq: 4 Aug 2016 23:07

Instrument :

BNA_G

ClientSampleId :

BDJJ8

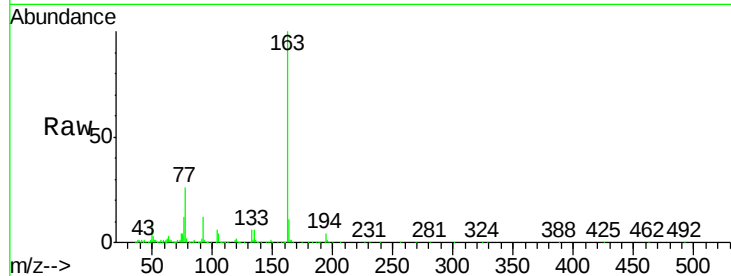
Tot Ion:163 Resp: 474131

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.2

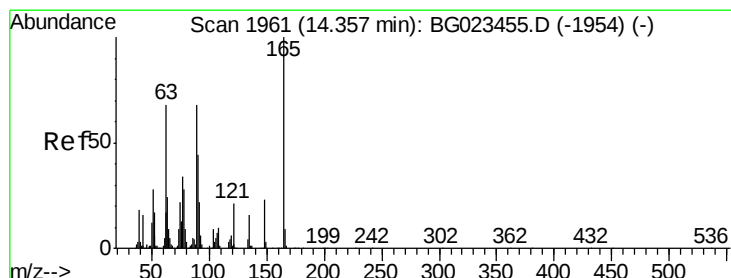
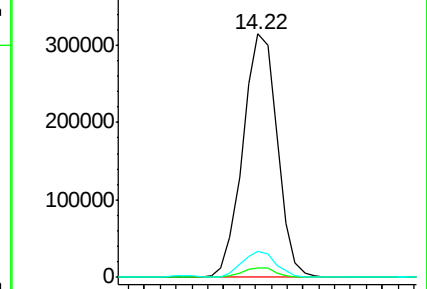
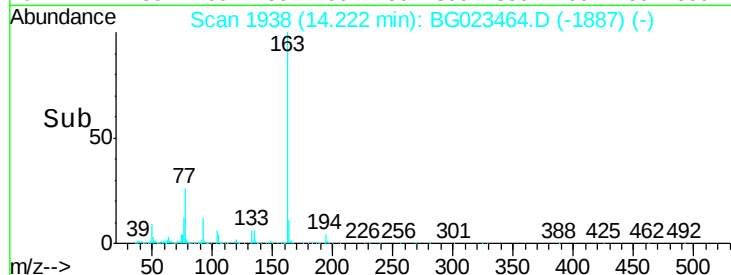
164 10.5 8.8 13.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#45

2,6-Dinitrotoluene

Concen: 0.02 ng/ul

RT: 14.39 min Scan# 1966

Delta R.T. 0.03 min

Lab File: BG023464.D

Acq: 4 Aug 2016 23:07

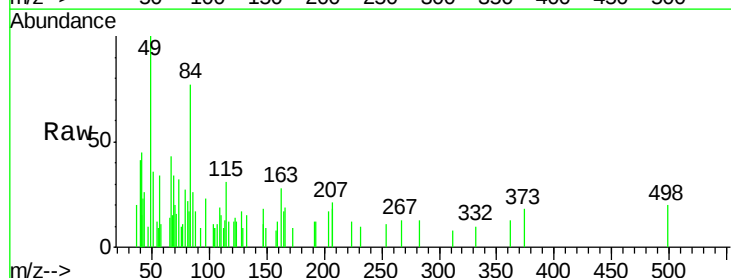
Tgt Ion:165 Resp: 185

Ion Ratio Lower Upper

165 100

89 0.0 41.5 62.3#

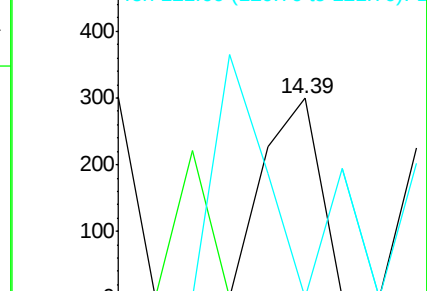
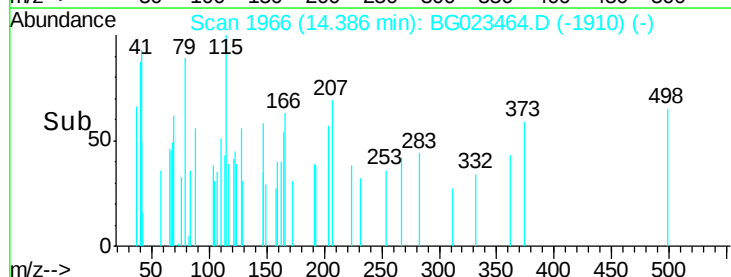
121 0.0 17.0 25.4#

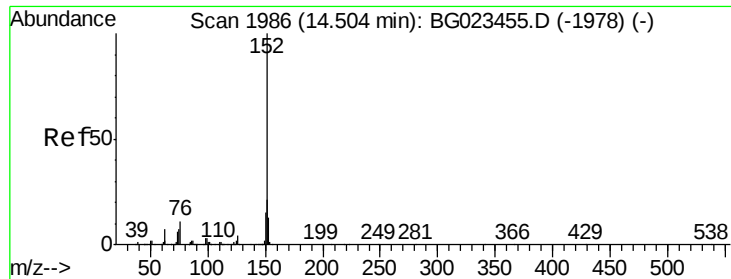


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BG

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 0.02 ng/ul

RT: 14.51 min Scan# 1987

Delta R.T. 0.01 min

Lab File: BG023464.D

Acq: 4 Aug 2016 23:07

Instrument :

BNA_G

ClientSampleId :

BDJJ8

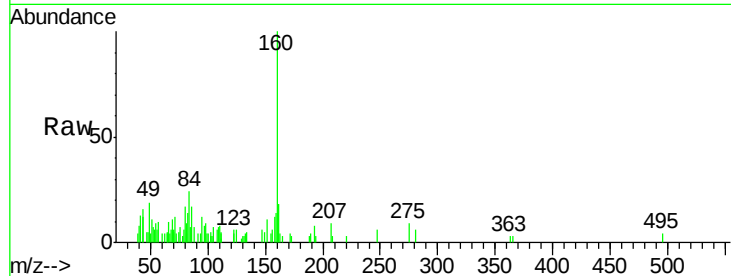
Tot Ion:152 Resp: 938

Ion Ratio Lower Upper

152 100

151 0.0 17.5 26.3#

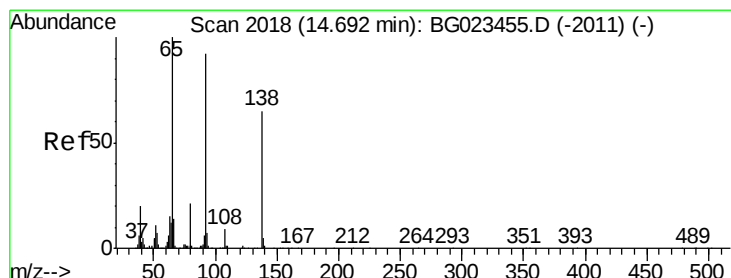
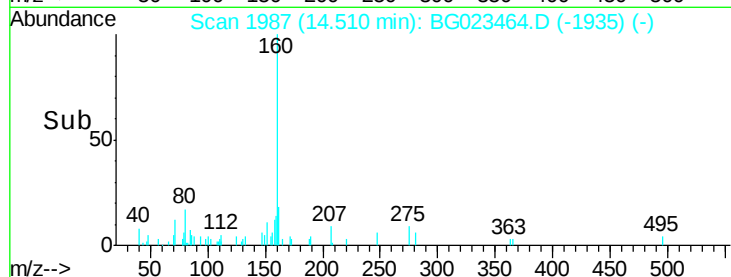
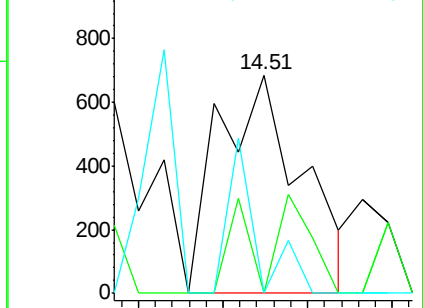
153 0.0 11.1 16.7#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#48

3-Nitroaniline

Concen: 0.02 ng/ul

RT: 14.84 min Scan# 2043

Delta R.T. 0.15 min

Lab File: BG023464.D

Acq: 4 Aug 2016 23:07

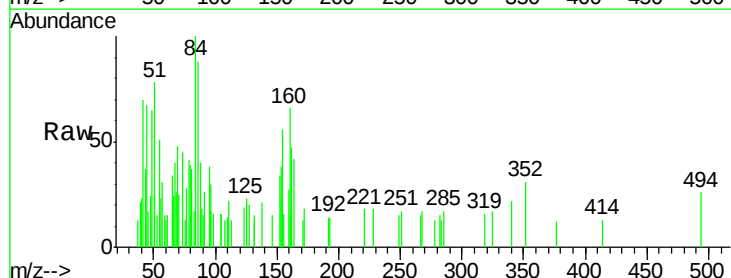
Tgt Ion:138 Resp: 157

Ion Ratio Lower Upper

138 100

108 62.0 6.2 9.2#

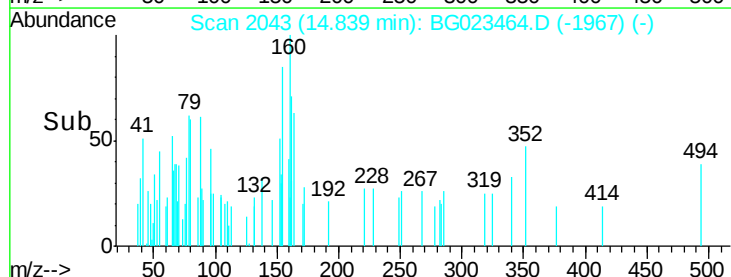
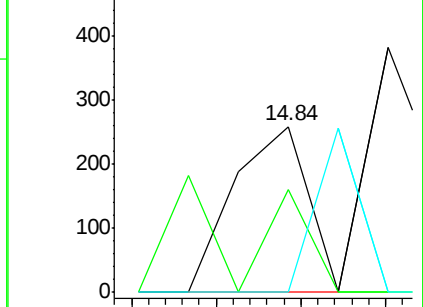
92 0.0 79.3 118.9#

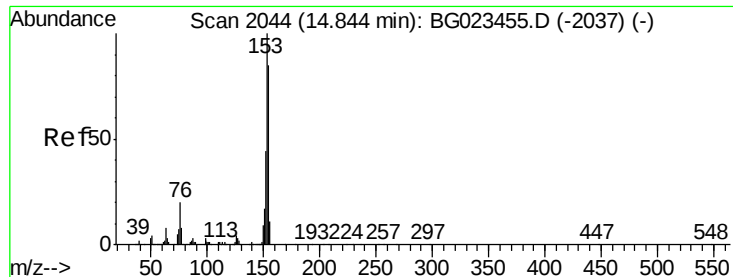


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#49

Acenaphthene

Concen: 0.04 ng/ul

RT: 14.84 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BG023464.D

Acq: 4 Aug 2016 23:07

Instrument :

BNA_G

ClientSampleId :

BDJJ8

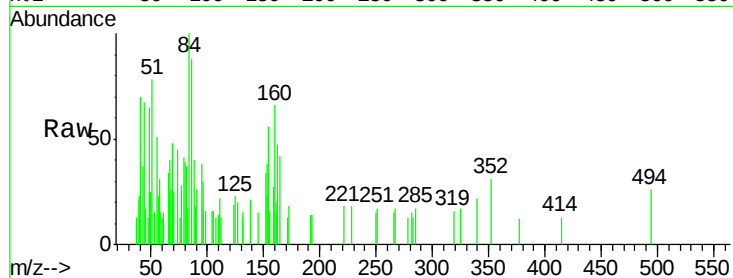
Tot Ion:153 Resp: 1179

Ion Ratio Lower Upper

153 100

152 55.1 37.3 55.9

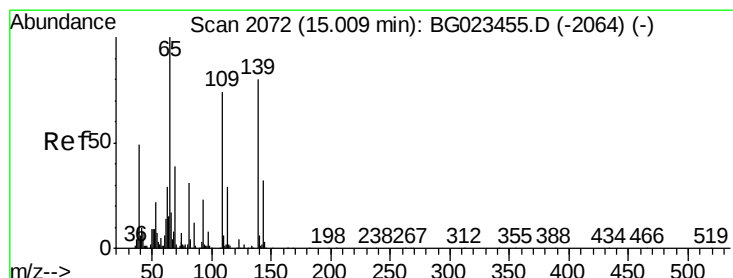
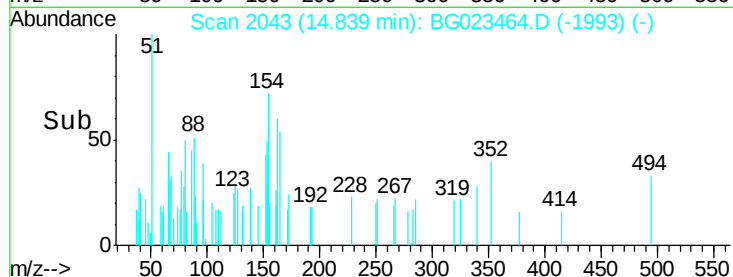
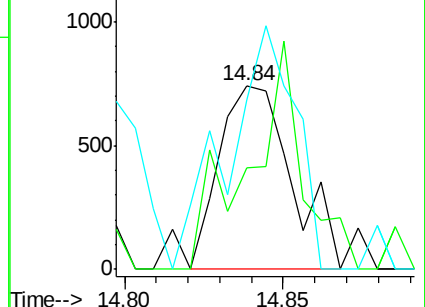
154 92.2 68.2 102.2



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#52

4-Nitrophenol

Concen: 0.06 ng/ul

RT: 14.99 min Scan# 2069

Delta R.T. -0.02 min

Lab File: BG023464.D

Acq: 4 Aug 2016 23:07

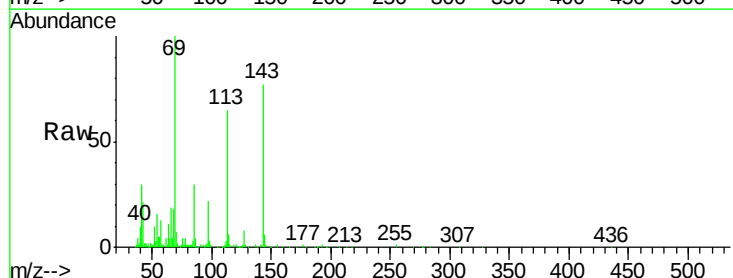
Tgt Ion:109 Resp: 407

Ion Ratio Lower Upper

109 100

139 0.0 136.1 204.1#

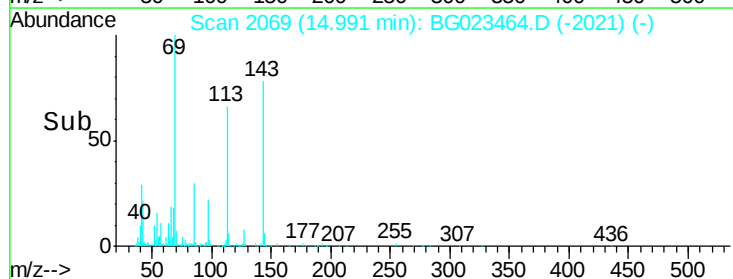
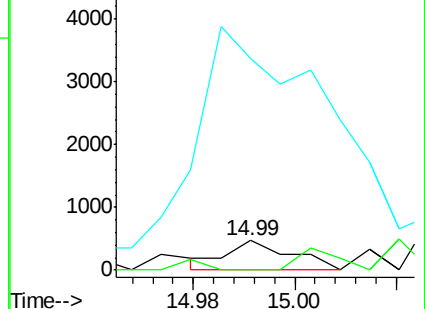
65 716.5 106.0 159.0#

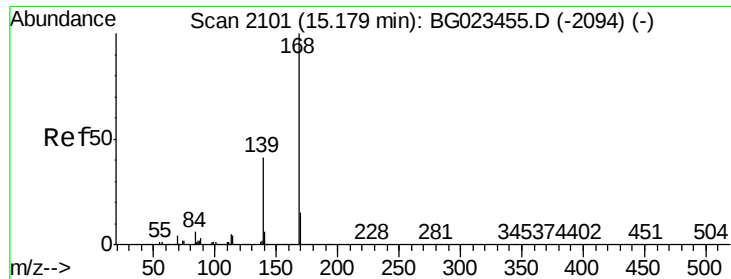


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BG





#53

Dibenzofuran

Concen: 0.01 ng/ul

RT: 15.19 min Scan# 2102

Delta R.T. 0.01 min

Lab File: BG023464.D

Acq: 4 Aug 2016 23:07

Instrument :

BNA_G

ClientSampleId :

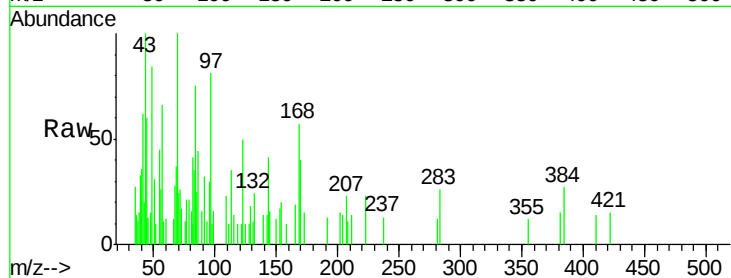
BDJJ8

Tot Ion:168 Resp: 614

Ion Ratio Lower Upper

168 100

139 24.6 27.4 41.0#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

15.19

800

600

400

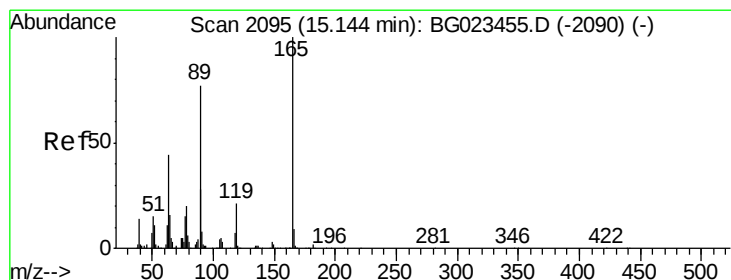
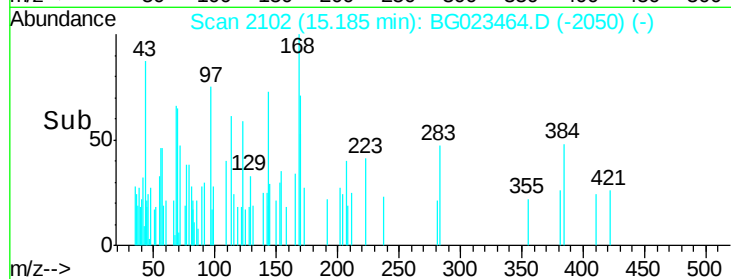
200

0

15.16

15.18

Time-->



#54

2,4-Dinitrotoluene

Concen: 0.02 ng/ul

RT: 15.16 min Scan# 2098

Delta R.T. 0.02 min

Lab File: BG023464.D

Acq: 4 Aug 2016 23:07

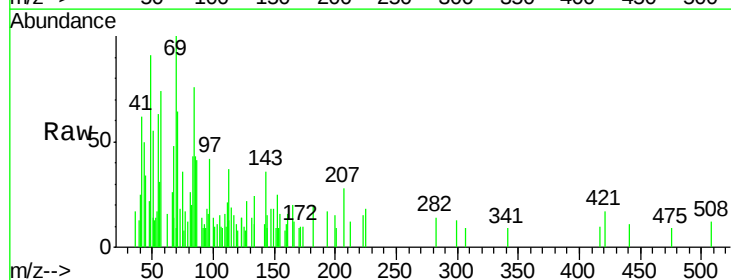
Tgt Ion:165 Resp: 194

Ion Ratio Lower Upper

165 100

63 0.0 25.7 38.5#

182 100.8 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

400

300

200

100

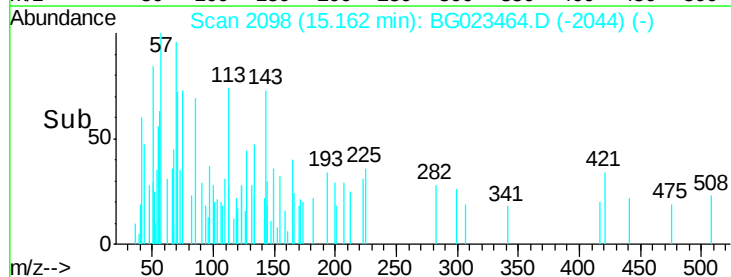
0

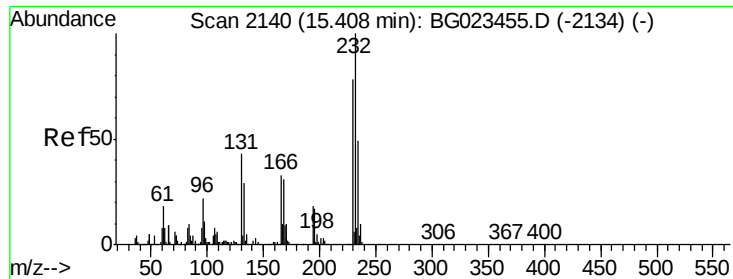
15.15

15.16

15.17

Time-->

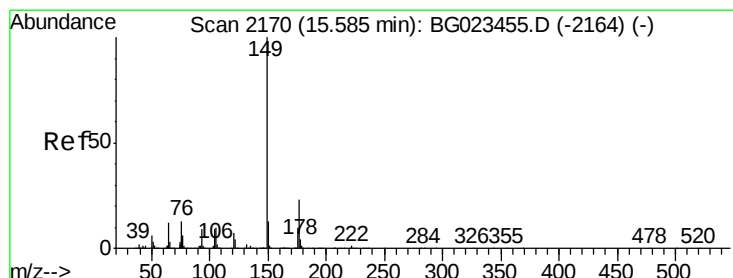
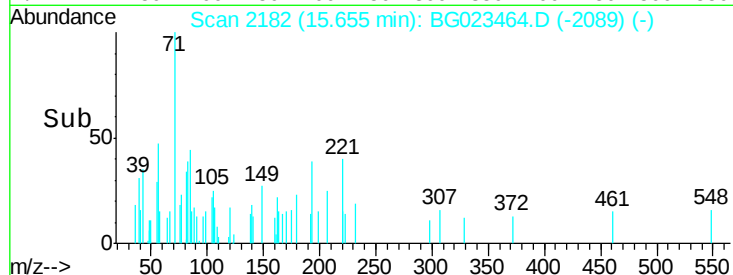
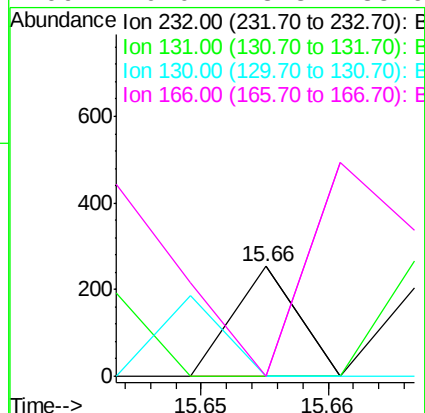
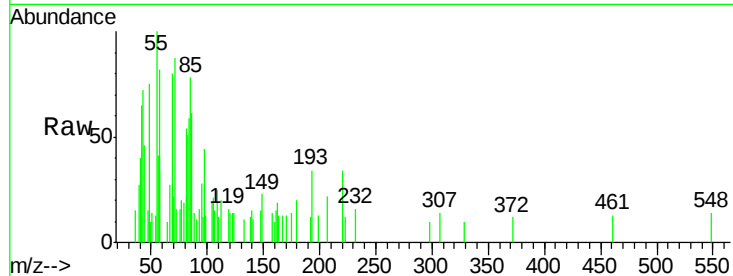




#55
 2,3,4,6-Tetrachlorophenol
 Concen: 0.01 ng/ul
 RT: 15.66 min Scan# 2182
 Delta R.T. 0.25 min
 Lab File: BG023464.D
 Acq: 4 Aug 2016 23:07

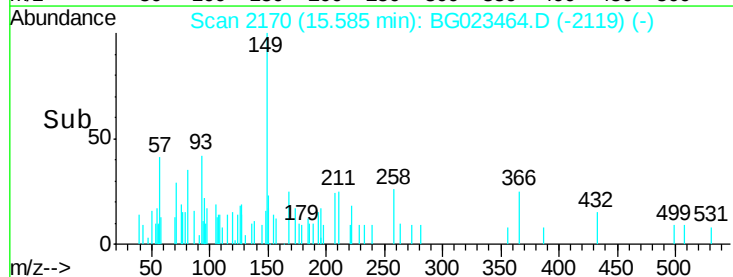
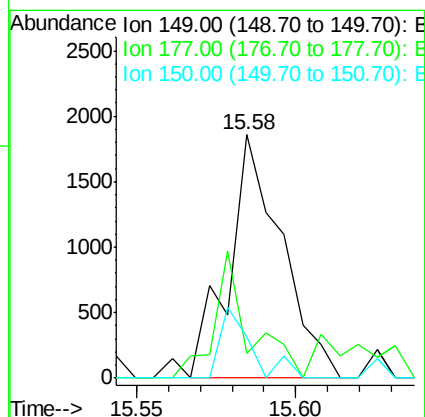
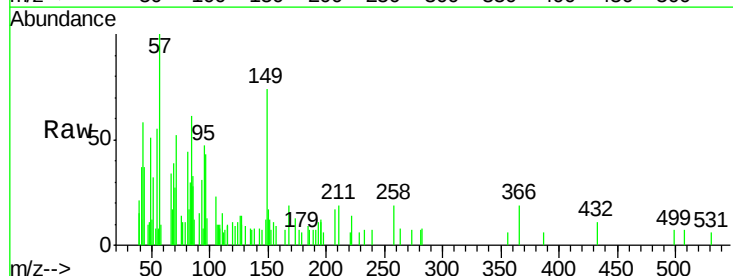
Instrument :
 BNA_G
 ClientSampleId :
 BDJJ8

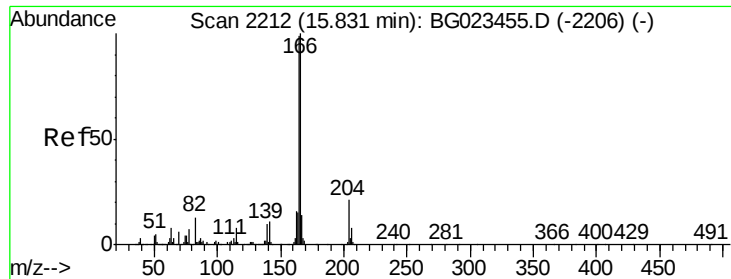
Tot Ion:232	Resp:	89
Ion	Ratio	Lower Upper
232	100	
131	0.0	34.8 52.2#
130	0.0	2.2 3.2#
166	0.0	23.8 35.6#



#56
 Diethylphthalate
 Concen: 0.05 ng/ul
 RT: 15.58 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: BG023464.D
 Acq: 4 Aug 2016 23:07

Tgt Ion:149	Resp:	2135
Ion	Ratio	Lower Upper
149	100	
177	10.1	17.4 26.2#
150	17.1	9.6 14.4#





#58

Fluorene

Concen: 0.05 ng/ul

RT: 15.83 min Scan# 2211

Delta R.T. -0.01 min

Lab File: BG023464.D

Acq: 4 Aug 2016 23:07

Instrument :

BNA_G

ClientSampleId :

BDJJ8

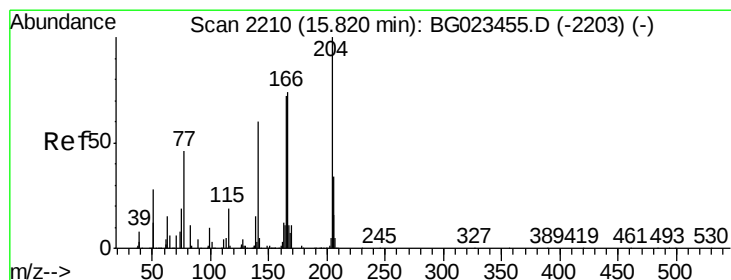
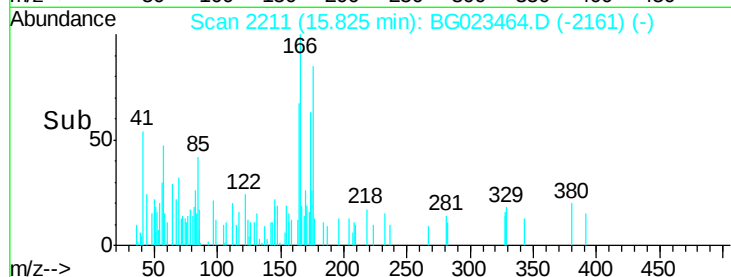
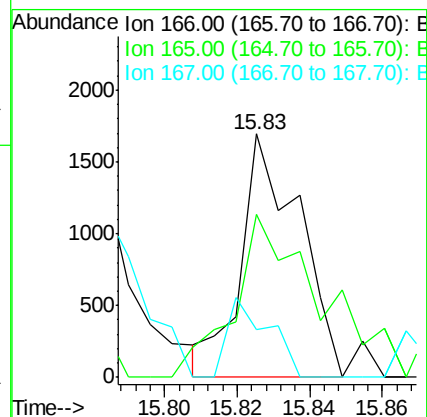
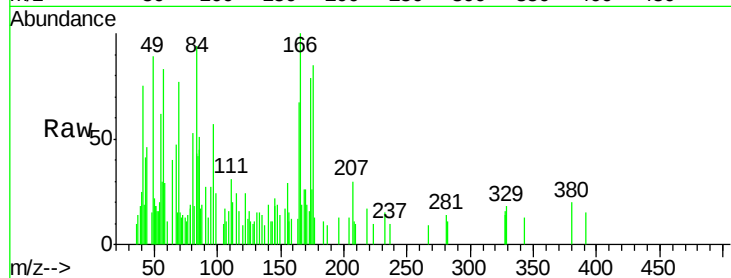
Tot Ion:166 Resp: 1899

Ion Ratio Lower Upper

166 100

165 66.9 80.3 120.5#

167 19.4 10.3 15.5#



#59

4-Chlorophenyl-phenylether

Concen: 0.01 ng/ul

RT: 15.82 min Scan# 2210

Delta R.T. -0.00 min

Lab File: BG023464.D

Acq: 4 Aug 2016 23:07

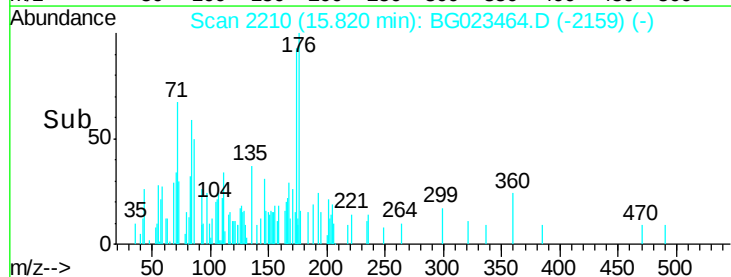
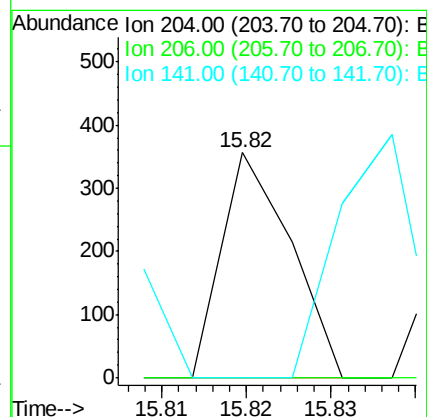
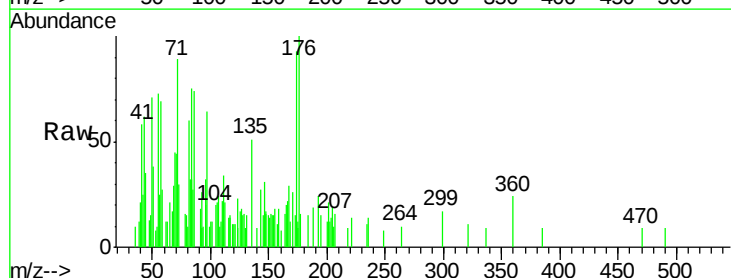
Tgt Ion:204 Resp: 201

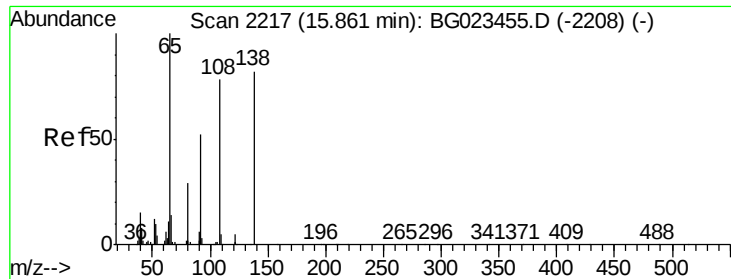
Ion Ratio Lower Upper

204 100

206 0.0 27.4 41.2#

141 0.0 47.1 70.7#

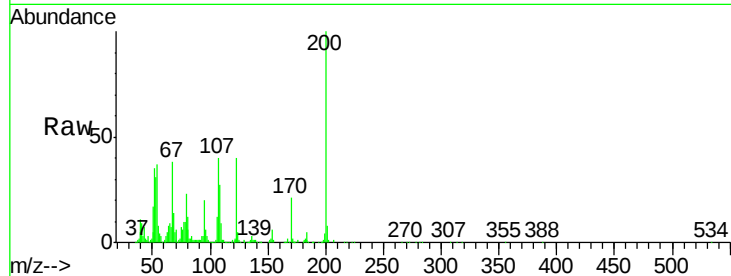




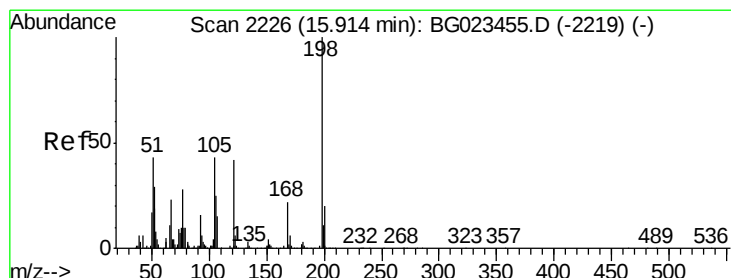
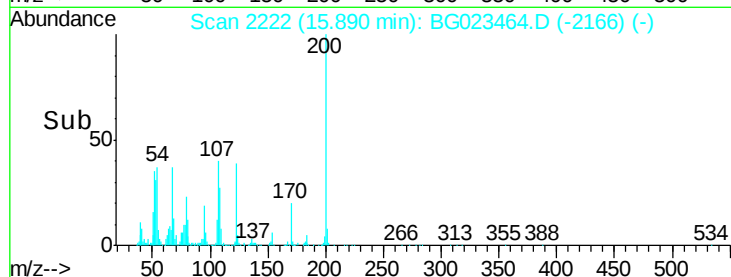
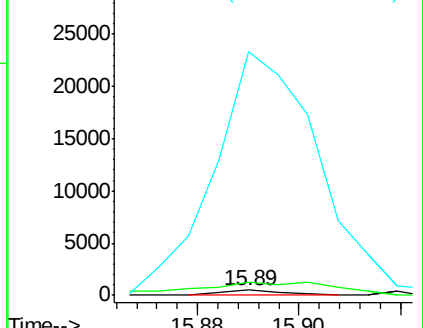
#60
4-Nitroaniline
Concen: 0.05 ng/ul
RT: 15.89 min Scan# 2222
Delta R.T. 0.03 min
Lab File: BG023464.D
Acq: 4 Aug 2016 23:07

Instrument :
BNA_G
ClientSampleId :
BDJJ8

Tot Ion:138 Resp: 436
Ion Ratio Lower Upper
138 100
92 271.9 39.0 58.4#
108 4958.3 49.2 73.8#

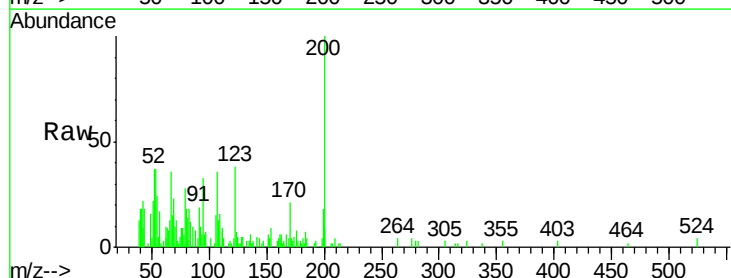


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

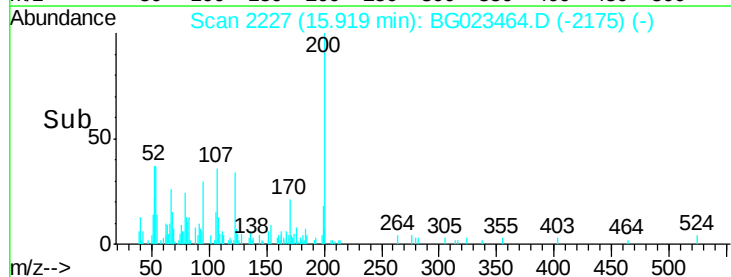
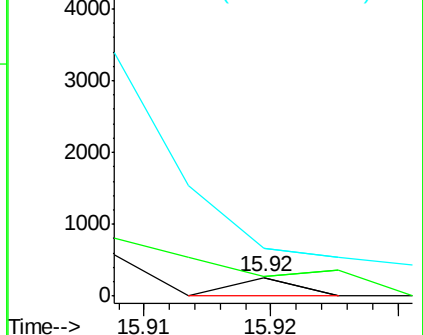


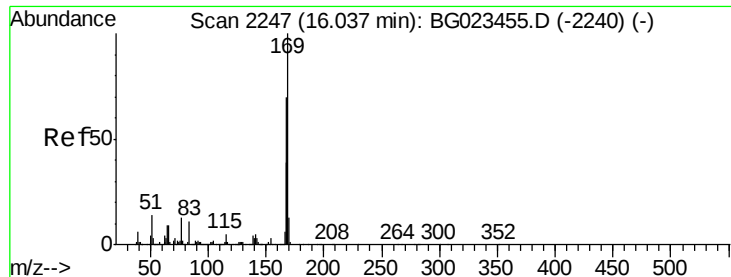
#63
4,6-Dinitro-2-methylphenol
Concen: 0.01 ng/ul
RT: 15.92 min Scan# 2227
Delta R.T. 0.01 min
Lab File: BG023464.D
Acq: 4 Aug 2016 23:07

Tgt Ion:198 Resp: 92
Ion Ratio Lower Upper
198 100
182 105.0 4.2 6.2#
77 257.3 16.7 25.1#



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





#64

N-Nitrosodiphenylamine

Concen: 0.01 ng/ul

RT: 15.93 min Scan# 2228

Delta R.T. -0.11 min

Lab File: BG023464.D

Acq: 4 Aug 2016 23:07

Instrument :

BNA_G

ClientSampled :

BDJJ8

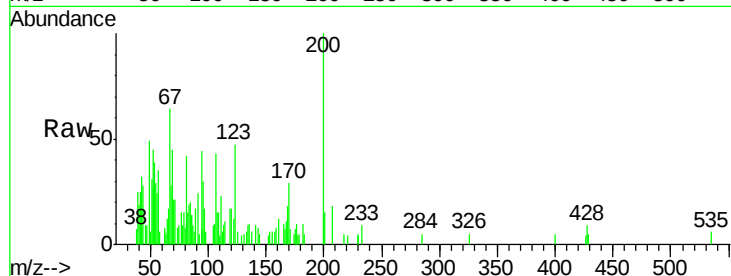
Tot Ion:169 Resp: 233

Ion Ratio Lower Upper

169 100

168 62.7 59.0 88.6

167 40.5 30.6 46.0

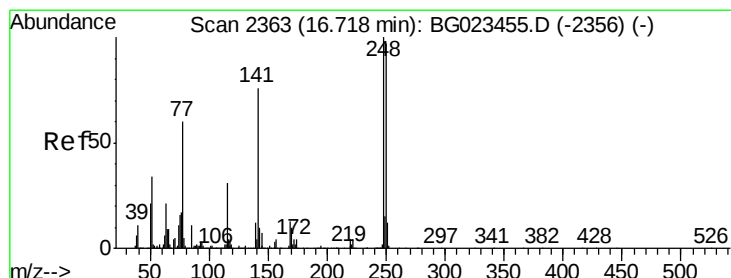
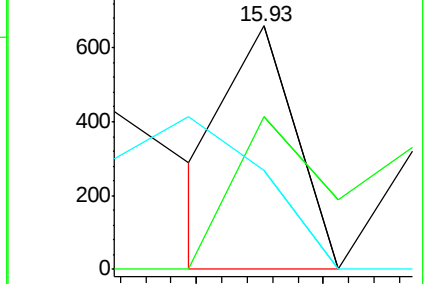
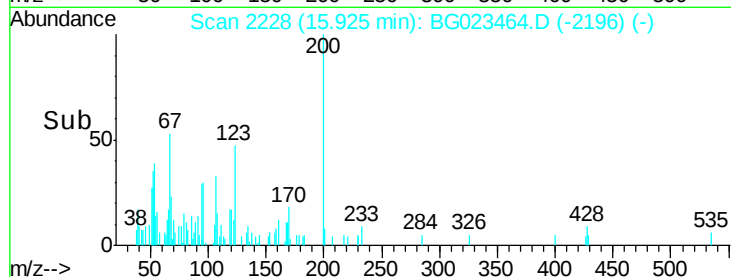


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

Time-->



#65

4-Bromophenyl-phenylether

Concen: 0.01 ng/ul

RT: 16.81 min Scan# 2379

Delta R.T. 0.09 min

Lab File: BG023464.D

Acq: 4 Aug 2016 23:07

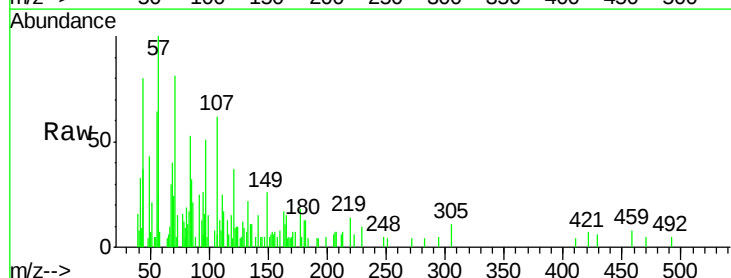
Tgt Ion:248 Resp: 70

Ion Ratio Lower Upper

248 100

250 0.0 76.6 114.8#

141 283.8 61.8 92.6#

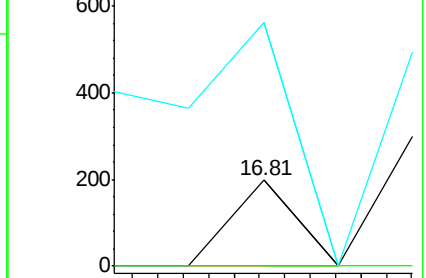
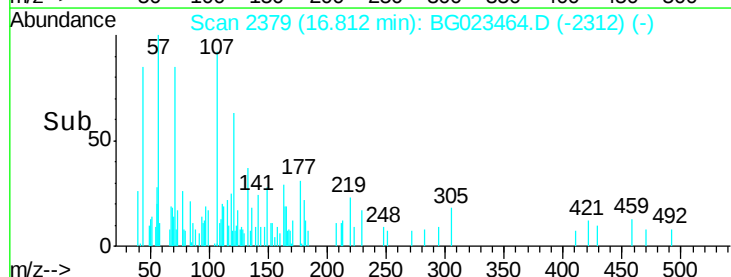


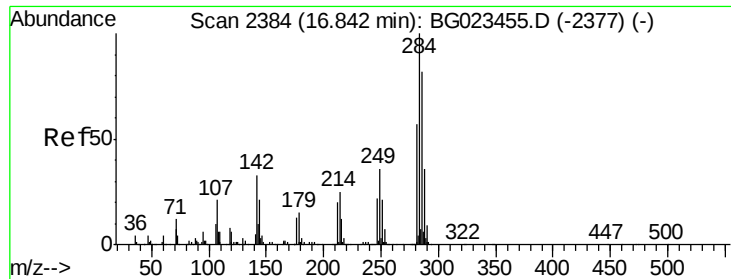
Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

Time-->





#66

Hexachlorobenzene

Concen: 0.00 ng/ul

RT: 16.82 min Scan# 2380

Delta R.T. -0.02 min

Lab File: BG023464.D

Acq: 4 Aug 2016 23:07

Instrument :

BNA_G

ClientSampleId :

BDJJ8

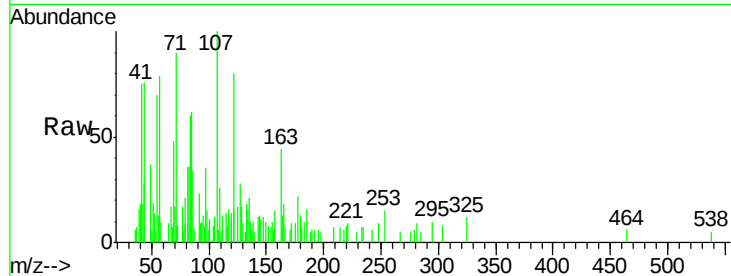
Tot Ion:284 Resp: 59

Ion Ratio Lower Upper

284 100

142 0.0 27.8 41.8#

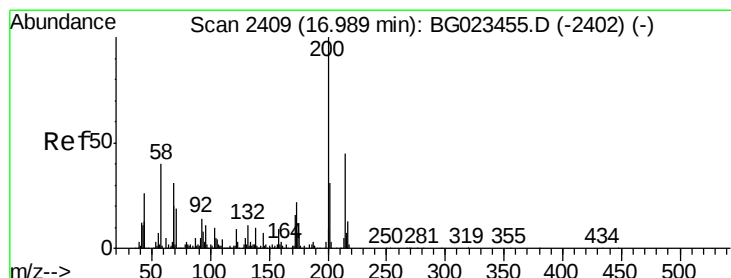
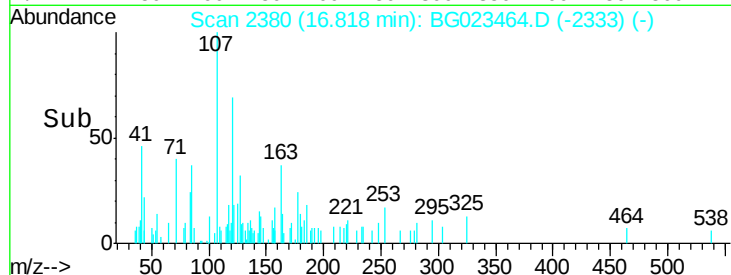
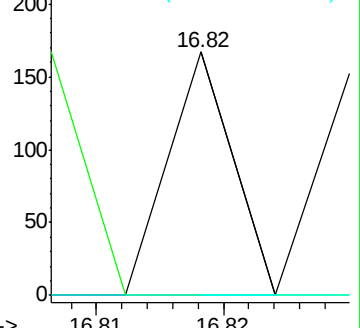
249 0.0 24.4 36.6#



Abundance Ion 284.00 (283.70 to 284.70): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#67

Atrazine

Concen: 0.02 ng/ul

RT: 16.98 min Scan# 2408

Delta R.T. -0.01 min

Lab File: BG023464.D

Acq: 4 Aug 2016 23:07

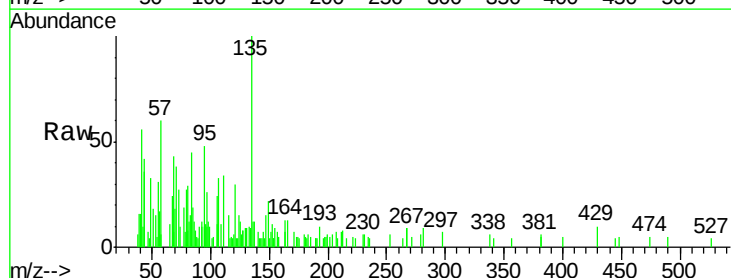
Tgt Ion:200 Resp: 232

Ion Ratio Lower Upper

200 100

173 69.7 21.0 31.6#

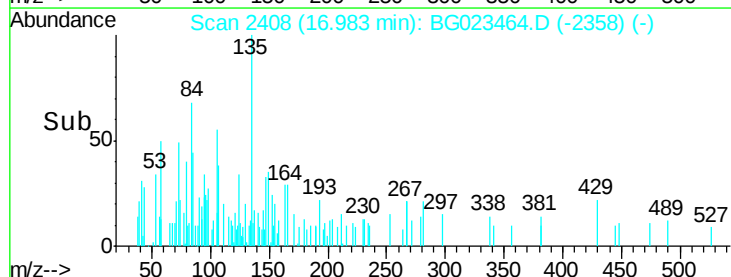
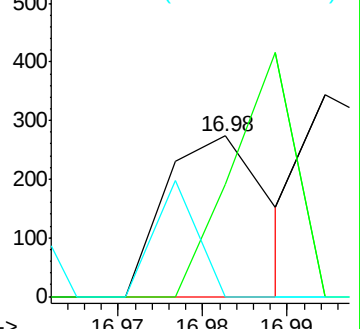
215 0.0 37.9 56.9#

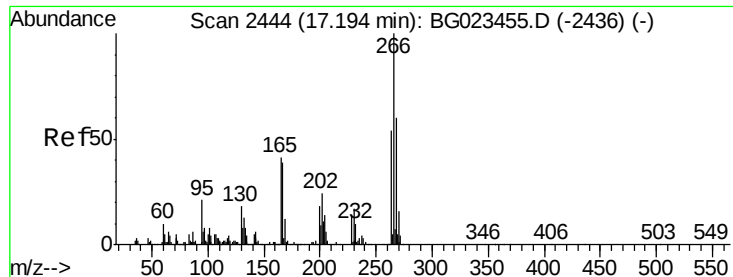


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#68

Pentachlorophenol

Concen: 0.02 ng/ul

RT: 17.35 min Scan# 2470

Delta R.T. 0.15 min

Lab File: BG023464.D

Acq: 4 Aug 2016 23:07

Instrument :

BNA_G

ClientSampleId :

BDJJ8

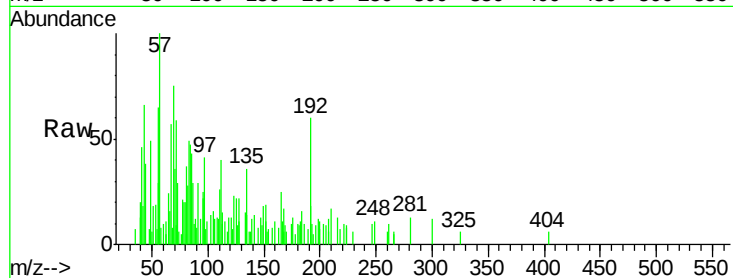
Tot Ion:266 Resp: 196

Ion Ratio Lower Upper

266 100

264 0.0 54.7 82.1#

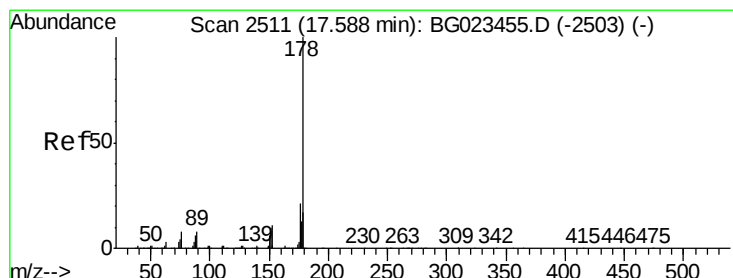
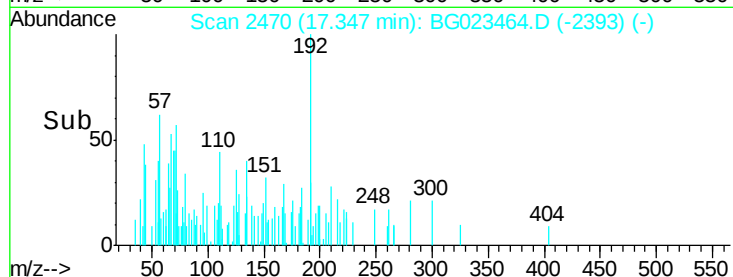
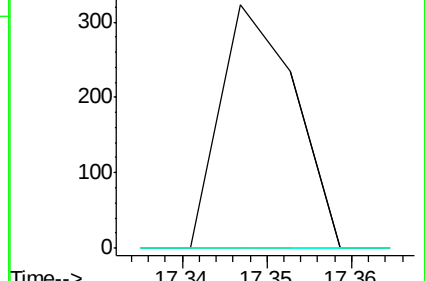
268 0.0 57.8 86.8#



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#69

Phenanthrene

Concen: 0.45 ng/ul

RT: 17.58 min Scan# 2510

Delta R.T. -0.01 min

Lab File: BG023464.D

Acq: 4 Aug 2016 23:07

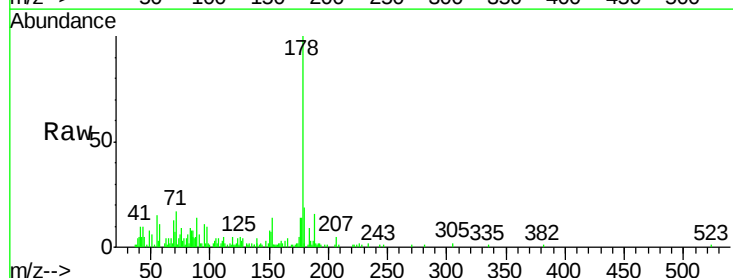
Tgt Ion:178 Resp: 27197

Ion Ratio Lower Upper

178 100

179 19.1 12.9 19.3

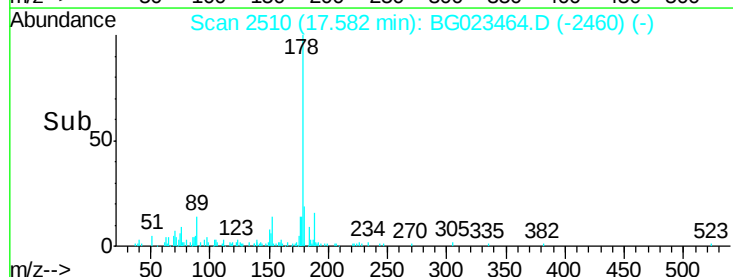
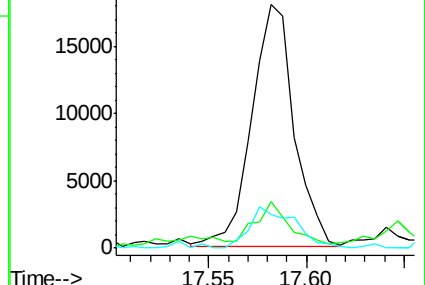
176 13.8 15.8 23.8#

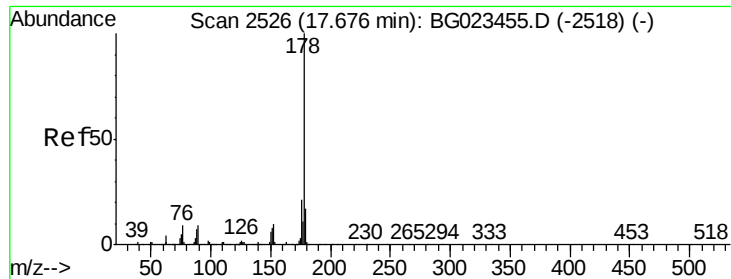


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

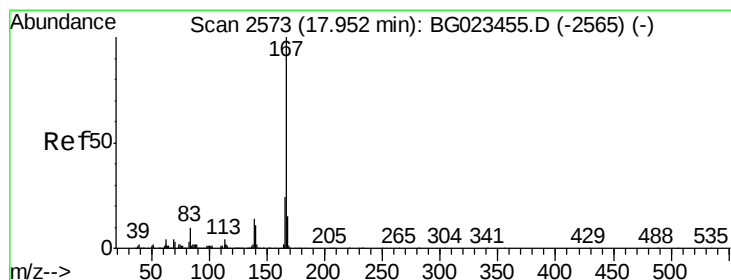
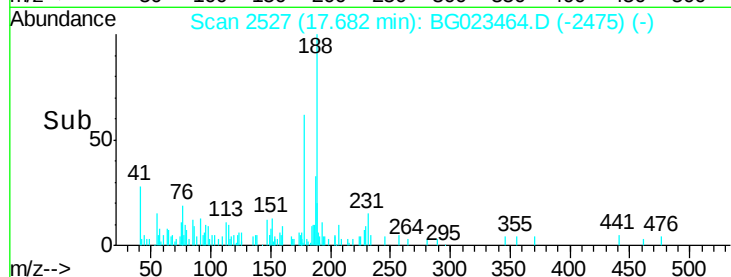
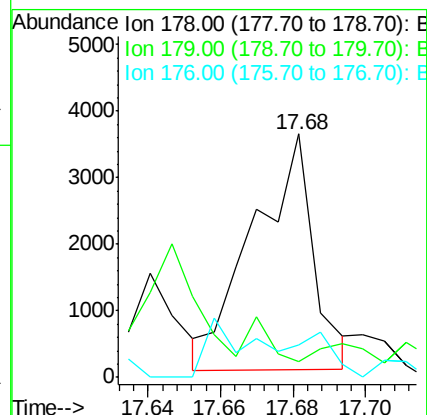
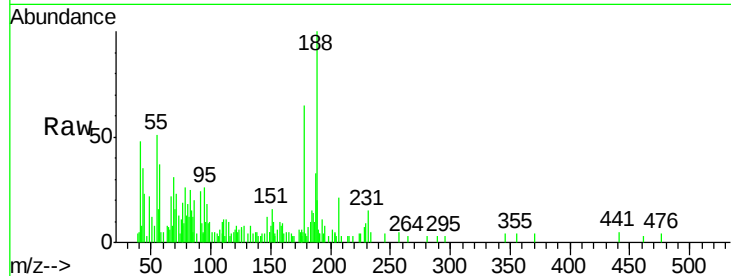




#71
 Anthracene
 Concen: 0.07 ng/ul
 RT: 17.68 min Scan# 2527
 Delta R.T. 0.01 min
 Lab File: BG023464.D
 Acq: 4 Aug 2016 23:07

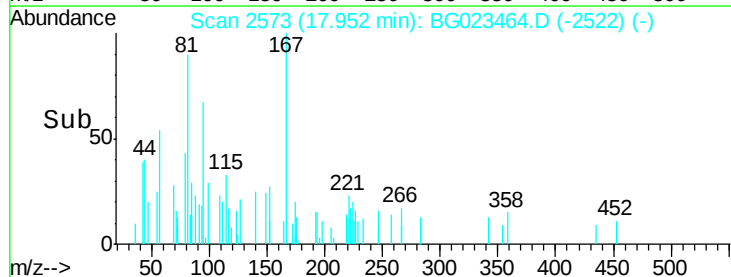
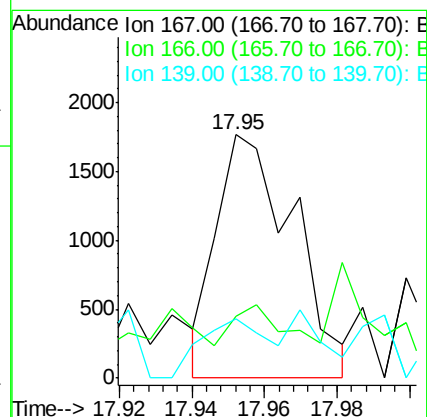
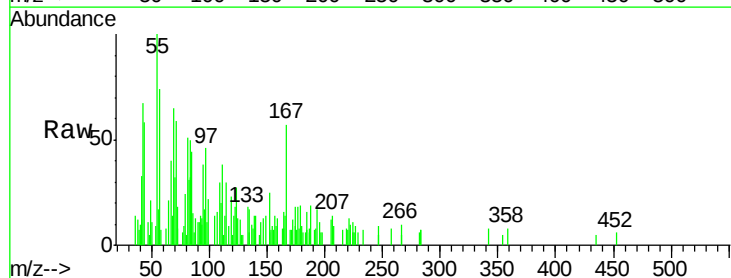
Instrument :
 BNA_G
 ClientSampled :
 BDJJ8

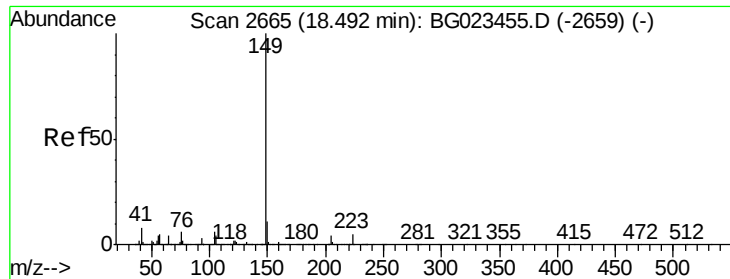
Tot Ion:178 Resp: 4093
 Ion Ratio Lower Upper
 178 100
 179 6.5 12.3 18.5#
 176 13.2 16.3 24.5#



#72
 Carbazole
 Concen: 0.05 ng/ul
 RT: 17.95 min Scan# 2573
 Delta R.T. -0.00 min
 Lab File: BG023464.D
 Acq: 4 Aug 2016 23:07

Tgt Ion:167 Resp: 2610
 Ion Ratio Lower Upper
 167 100
 166 25.2 19.2 28.8
 139 24.3 10.2 15.4#





#73

Di-n-butylphthalate

Concen: 0.11 ng/ul

RT: 18.49 min Scan# 2665

Delta R.T. -0.00 min

Lab File: BG023464.D

Acq: 4 Aug 2016 23:07

Instrument :

BNA_G

ClientSampleId :

BDJJ8

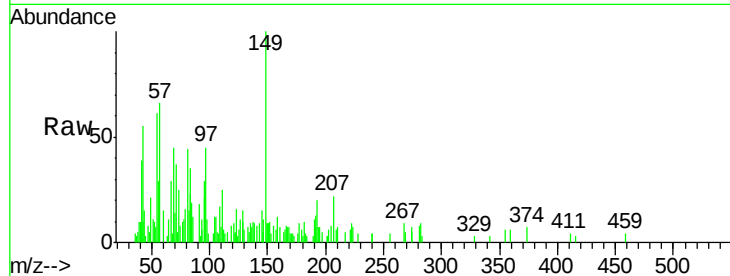
Tot Ion:149 Resp: 6928

Ion Ratio Lower Upper

149 100

150 17.9 7.1 10.7#

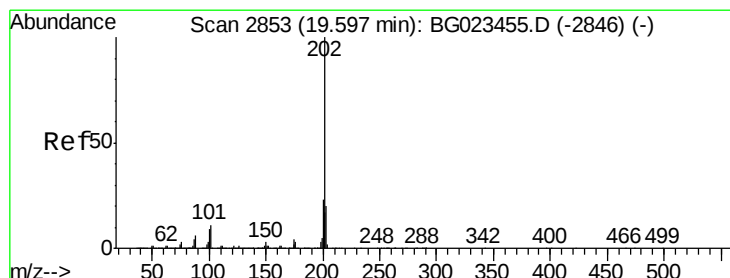
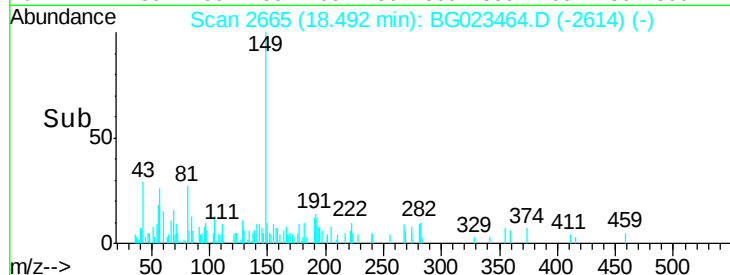
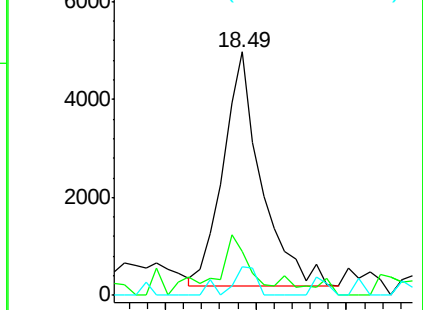
104 11.8 3.3 4.9#



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: 0.92 ng/ul

RT: 19.59 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BG023464.D

Acq: 4 Aug 2016 23:07

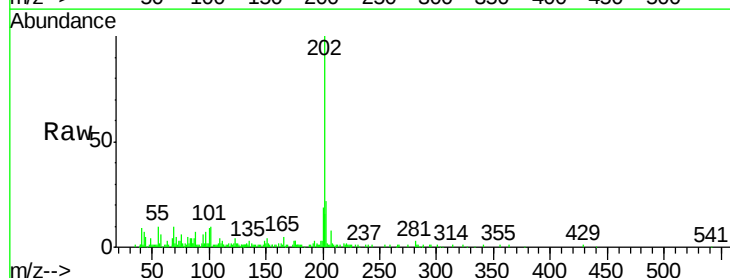
Tgt Ion:202 Resp: 57068

Ion Ratio Lower Upper

202 100

101 10.4 10.6 16.0#

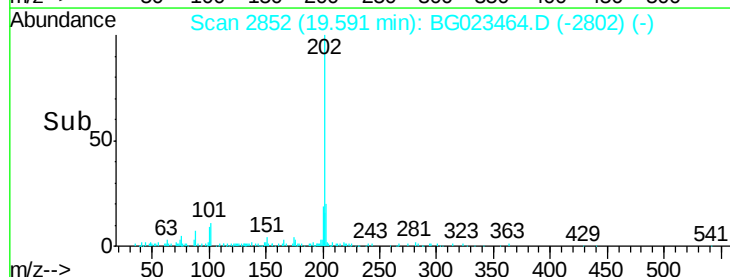
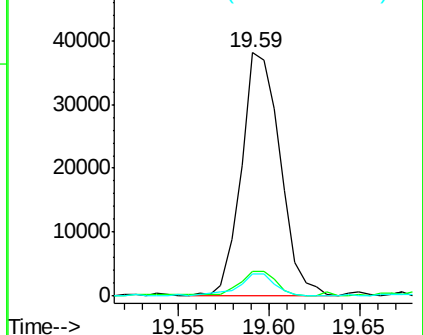
100 9.1 8.7 13.1

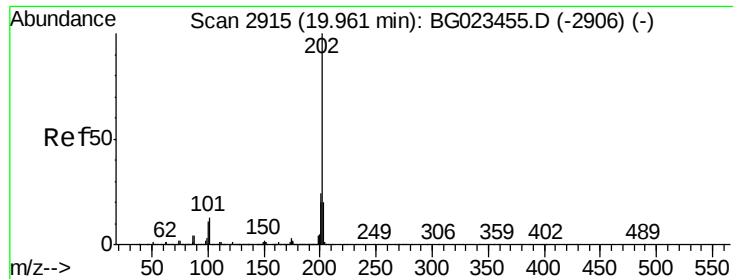


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#77

Pvrene

Concen: 0.79 ng/ul

RT: 19.96 min Scan# 2915

Delta R.T. -0.00 min

Lab File: BG023464.D

Acq: 4 Aug 2016 23:07

Instrument :

BNA_G

ClientSampleId :

BDJJ8

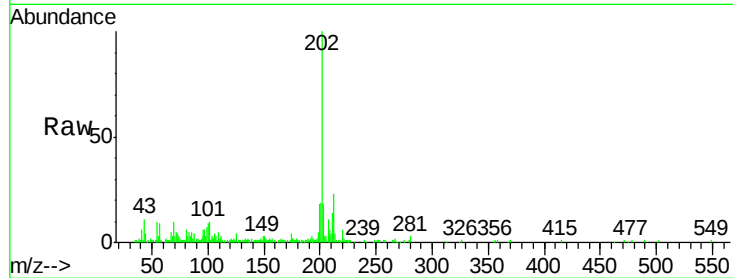
Tot Ion:202 Resp: 58048

Ion Ratio Lower Upper

202 100

101 10.3 12.5 18.7#

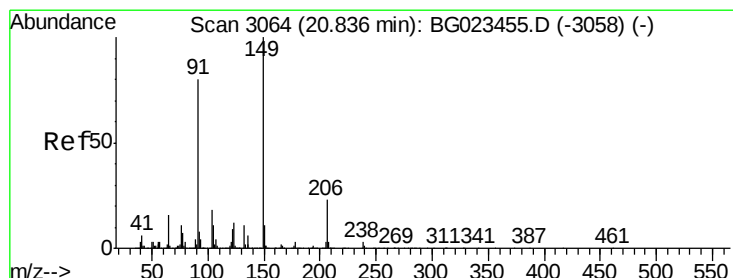
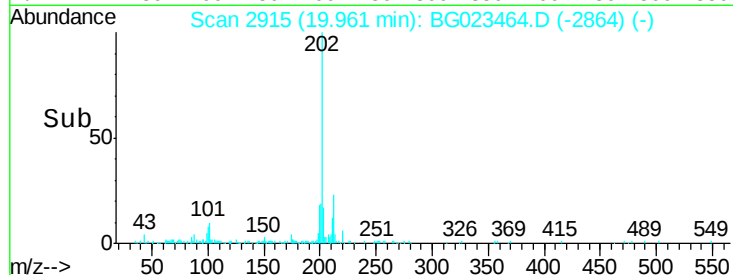
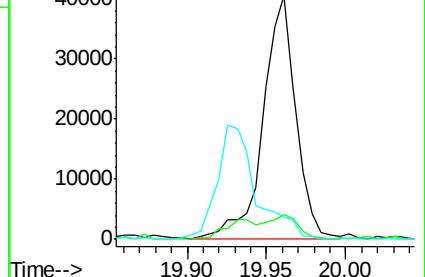
100 9.1 10.2 15.4#



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



#78

Butylbenzylphthalate

Concen: 0.01 ng/ul

RT: 20.84 min Scan# 3064

Delta R.T. -0.00 min

Lab File: BG023464.D

Acq: 4 Aug 2016 23:07

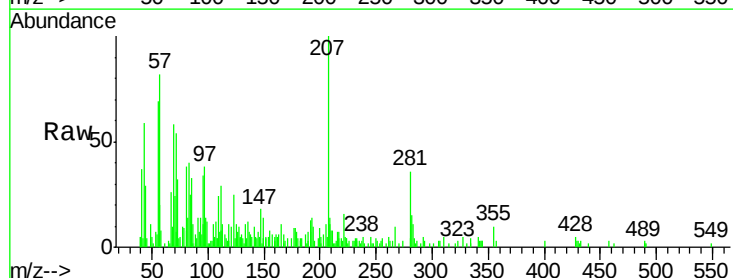
Tgt Ion:149 Resp: 418

Ion Ratio Lower Upper

149 100

91 79.1 54.2 81.4

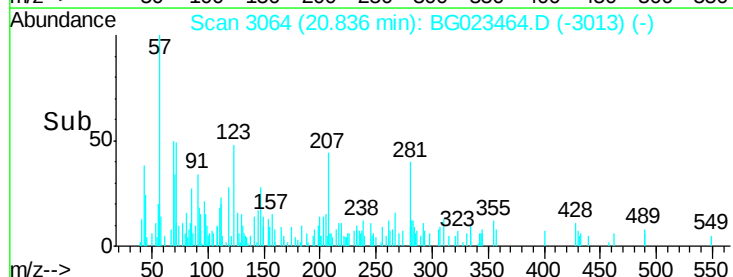
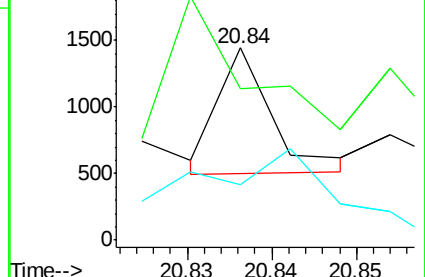
206 29.1 14.1 21.1#

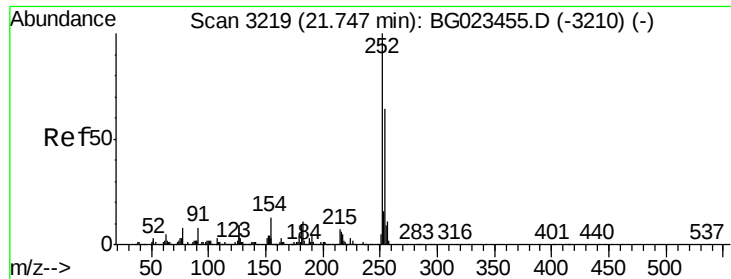


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E

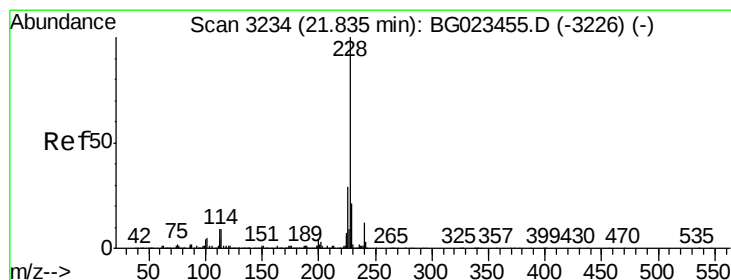
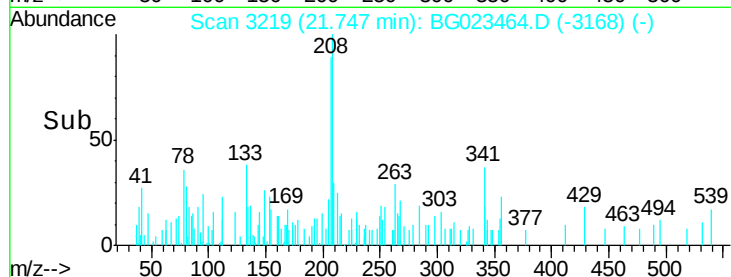
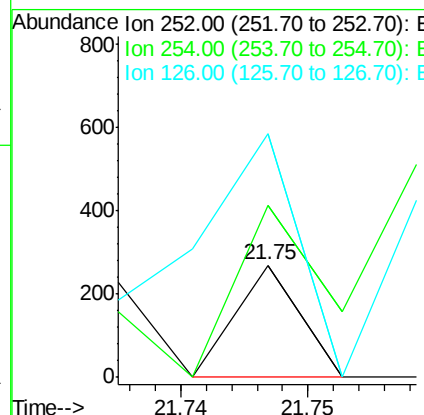
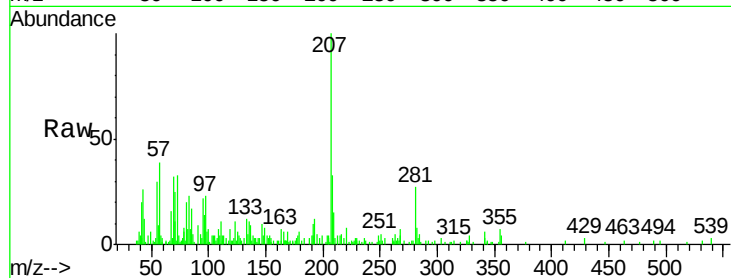




#79
 3,3'-Dichlorobenzidine
 Concen: 0.00 ng/ul
 RT: 21.75 min Scan# 3219
 Delta R.T. -0.00 min
 Lab File: BG023464.D
 Acq: 4 Aug 2016 23:07

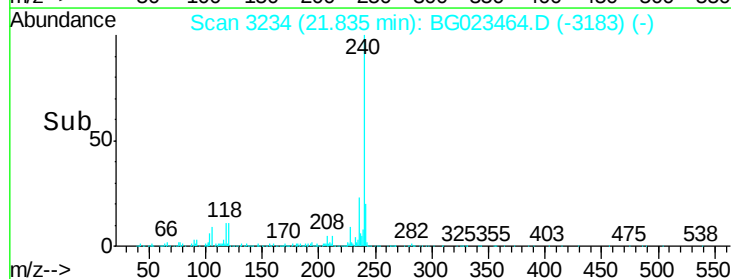
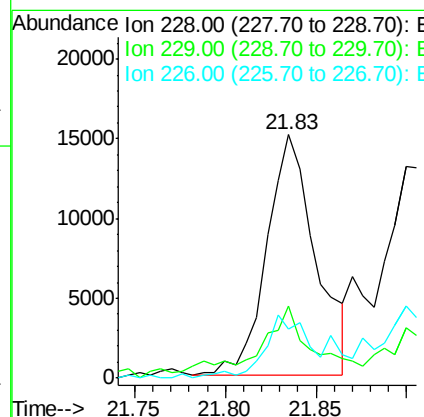
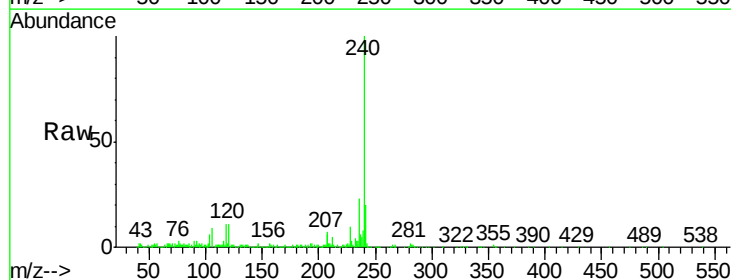
Instrument :
 BNA_G
 ClientSampled :
 BDJJ8

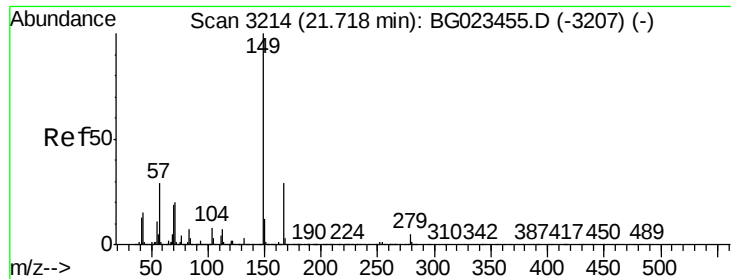
Tot Ion:252 Resp: 95
 Ion Ratio Lower Upper
 252 100
 254 152.8 51.4 77.2#
 126 217.1 10.7 16.1#



#80
 Benzo(a)anthracene
 Concen: 0.42 ng/ul
 RT: 21.83 min Scan# 3234
 Delta R.T. -0.00 min
 Lab File: BG023464.D
 Acq: 4 Aug 2016 23:07

Tgt Ion:228 Resp: 28198
 Ion Ratio Lower Upper
 228 100
 229 29.6 15.4 23.2#
 226 20.0 22.8 34.2#

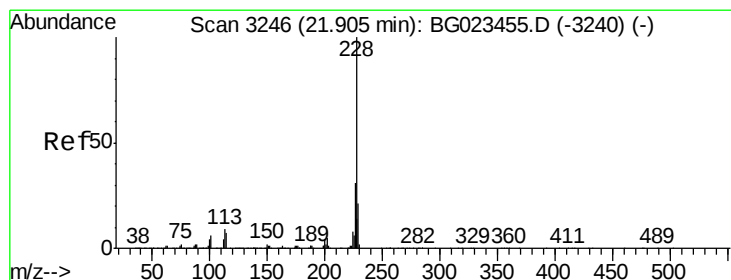
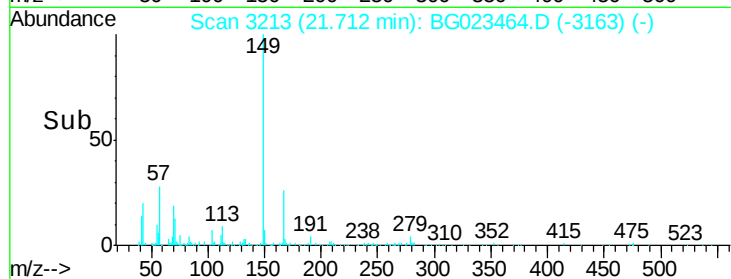
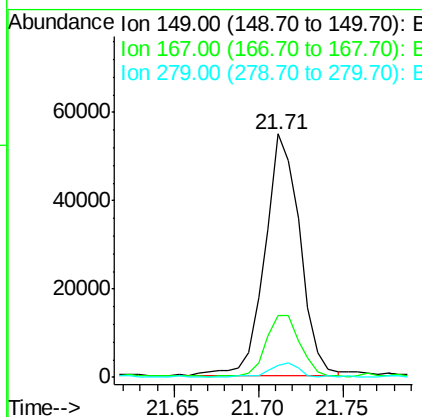
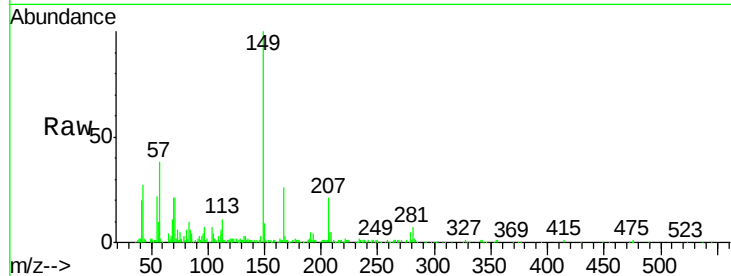




#81
 Bis(2-ethylhexyl)phthalate
 Concen: 2.10 ng/ul
 RT: 21.71 min Scan# 3213
 Delta R.T. -0.01 min
 Lab File: BG023464.D
 Acq: 4 Aug 2016 23:07

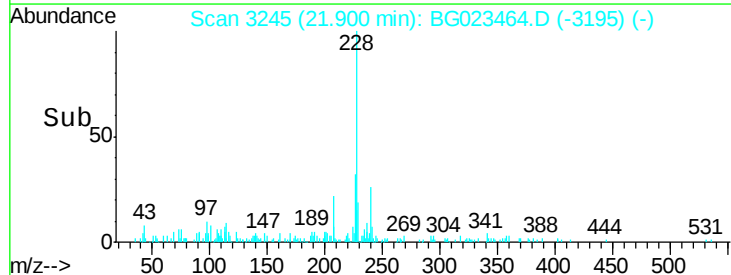
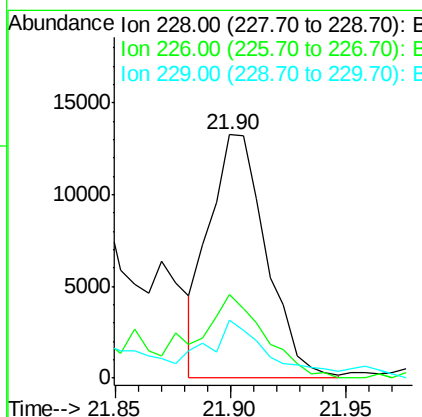
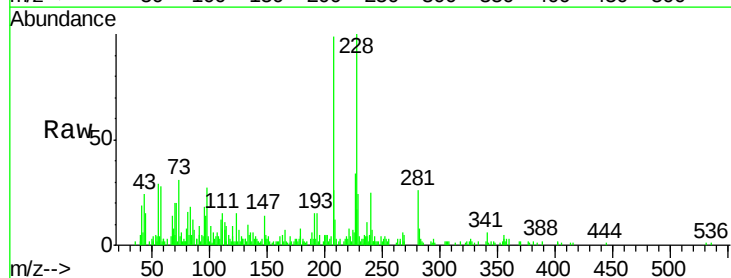
Instrument :
 BNA_G
 ClientSampleId :
 BDJJ8

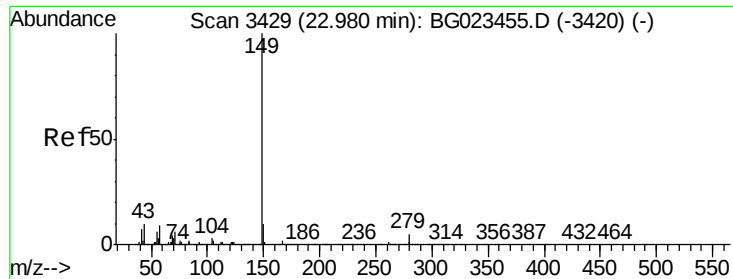
Tot Ion:149 Resp: 79172
 Ion Ratio Lower Upper
 149 100
 167 25.6 21.9 32.9
 279 5.1 2.9 4.3#



#82
 Chrysene
 Concen: 0.37 ng/ul
 RT: 21.90 min Scan# 3245
 Delta R.T. -0.01 min
 Lab File: BG023464.D
 Acq: 4 Aug 2016 23:07

Tgt Ion:228 Resp: 22867
 Ion Ratio Lower Upper
 228 100
 226 34.1 24.2 36.4
 229 23.8 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: BG023464.D

Acq: 4 Aug 2016 23:07

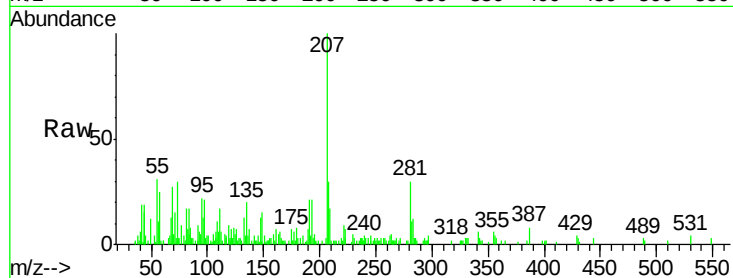
Instrument :

BNA_G

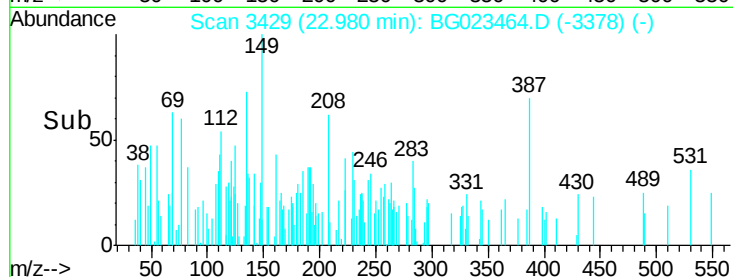
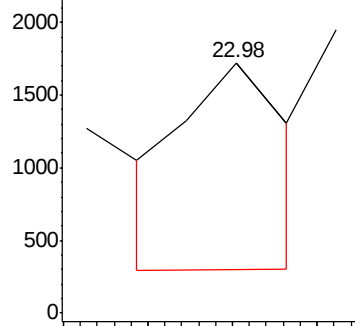
ClientSampleId :

BDJJ8

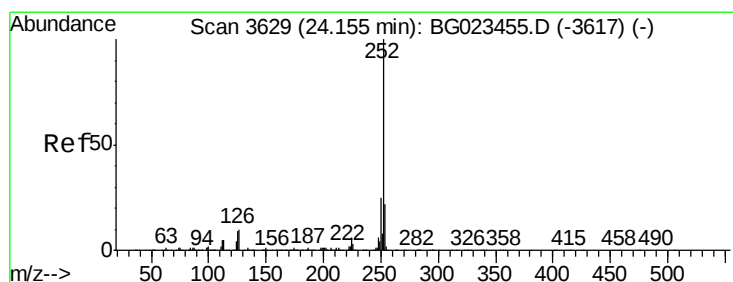
Tgt Ion:149 Resp: 1221



Abundance Ion 149.00 (148.70 to 149.70): E



Time--> 22.96 22.97 22.98 22.99



#85

Benzo(b)fluoranthene

Concen: 0.18 ng/ul

RT: 24.21 min Scan# 3639

Delta R.T. 0.06 min

Lab File: BG023464.D

Acq: 4 Aug 2016 23:07

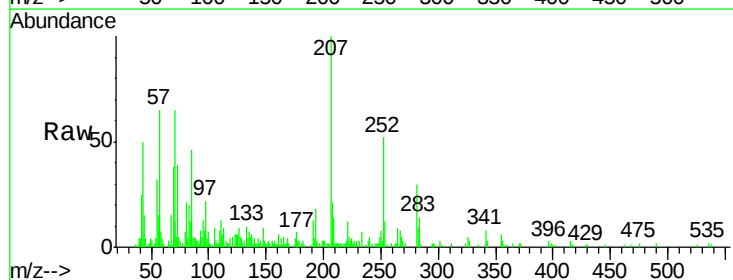
Tgt Ion:252 Resp: 11854

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.2

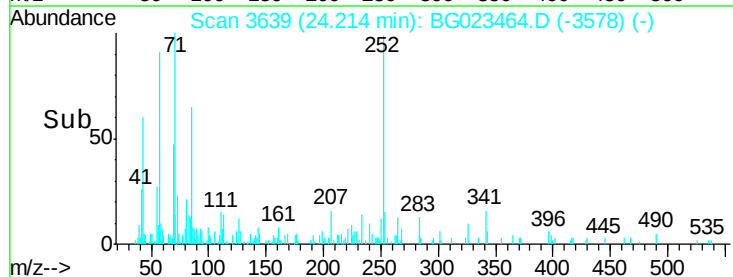
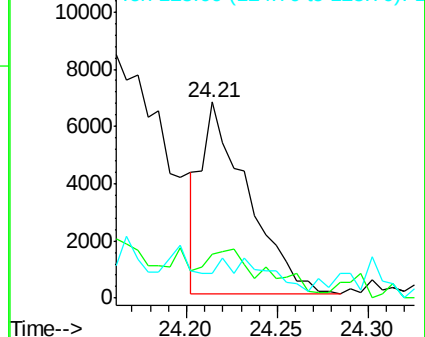
125 12.3 10.8 16.2

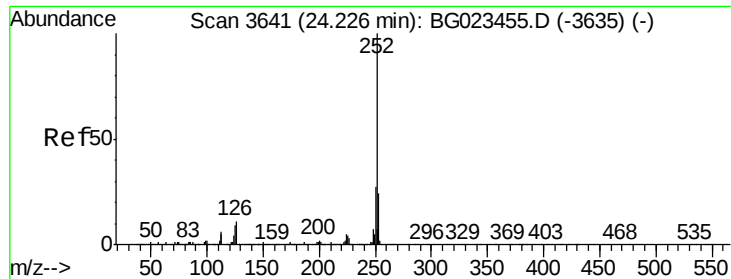


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 0.18 ng/ul

RT: 24.21 min Scan# 3639

Delta R.T. -0.01 min

Lab File: BG023464.D

Acq: 4 Aug 2016 23:07

Instrument :

BNA_G

ClientSampleId :

BDJJ8

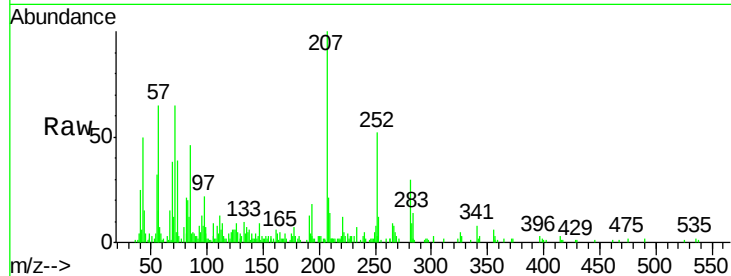
Tot Ion:252 Resp: 12118

Ion Ratio Lower Upper

252 100

253 22.3 15.8 23.6

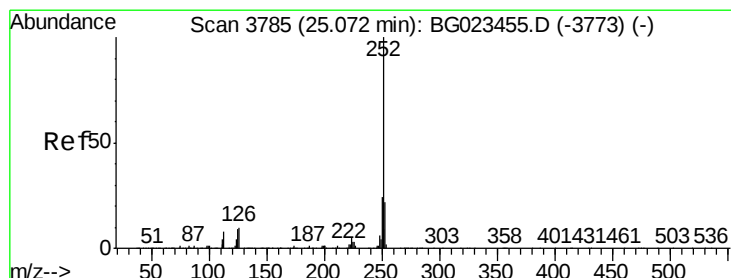
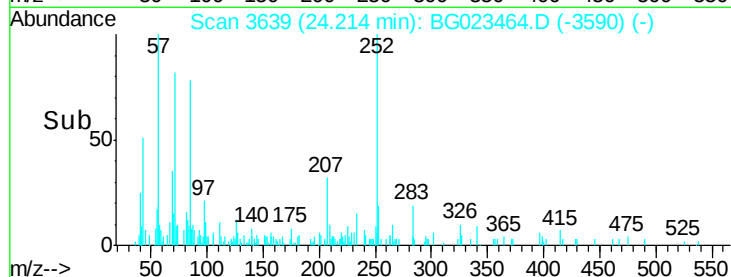
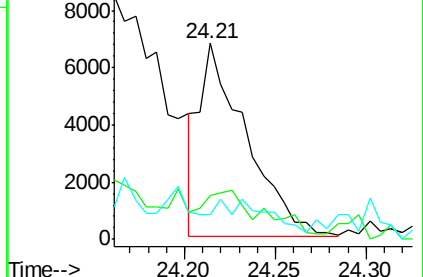
125 12.3 10.6 16.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(a)pyrene

Concen: 0.35 ng/ul

RT: 25.07 min Scan# 3785

Delta R.T. -0.00 min

Lab File: BG023464.D

Acq: 4 Aug 2016 23:07

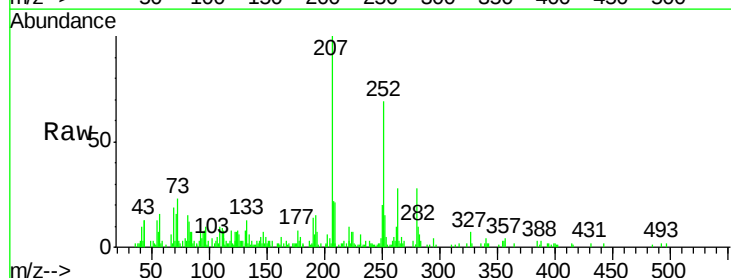
Tgt Ion:252 Resp: 22947

Ion Ratio Lower Upper

252 100

253 21.9 19.0 28.4

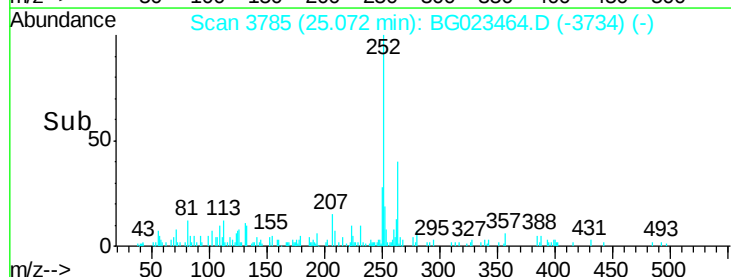
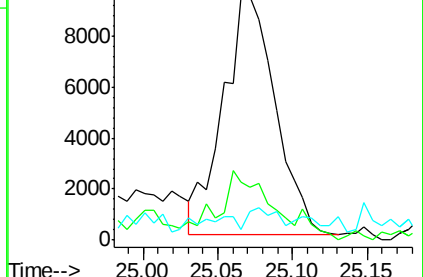
125 11.9 12.0 18.0#

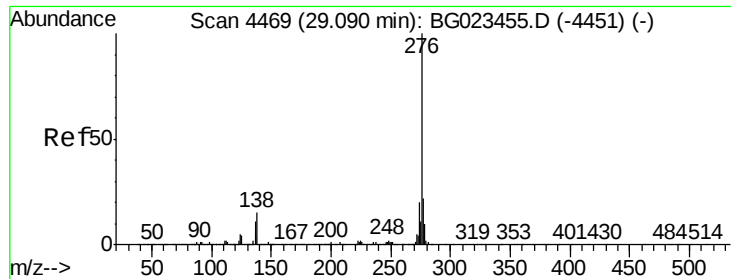


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Indeno(1,2,3-cd)pyrene

Concen: 0.03 ng/ul

RT: 29.08 min Scan# 4468

Delta R.T. -0.01 min

Lab File: BG023464.D

Acq: 4 Aug 2016 23:07

Instrument :

BNA_G

ClientSampled :

BDJJ8

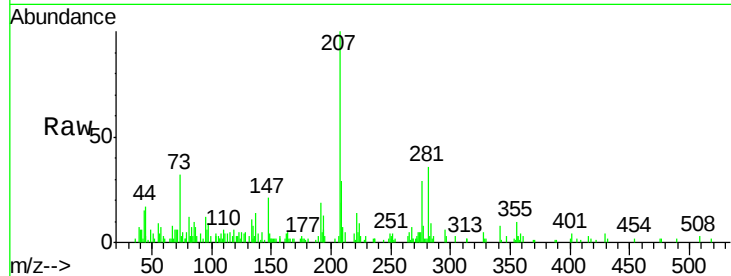
Tot Ion:276 Resp: 2327

Ion Ratio Lower Upper

276 100

138 0.0 20.8 31.2#

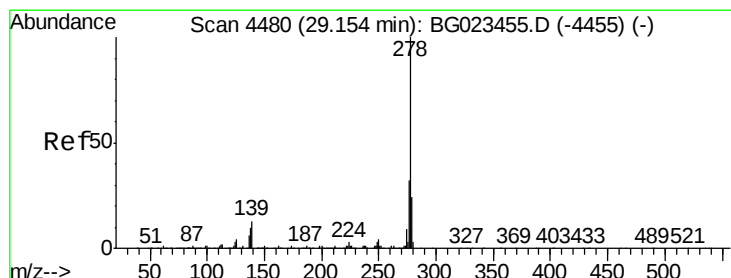
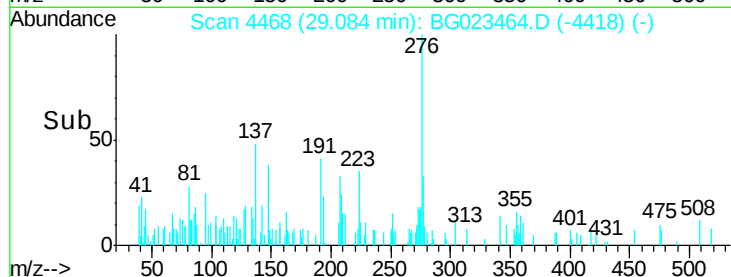
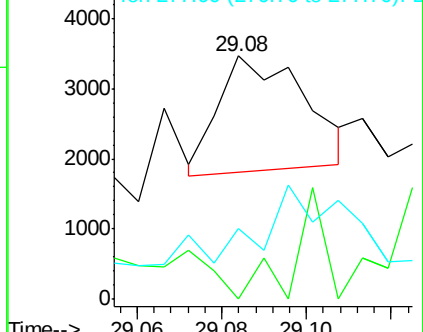
277 29.2 17.6 26.4#



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: 29.15 min Scan# 4479

Delta R.T. -0.01 min

Lab File: BG023464.D

Acq: 4 Aug 2016 23:07

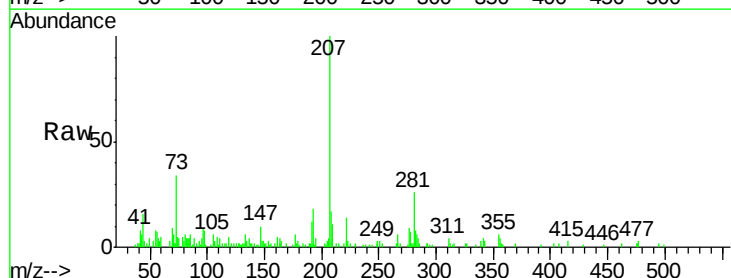
Tgt Ion:278 Resp: 591

Ion Ratio Lower Upper

278 100

139 24.9 16.3 24.5#

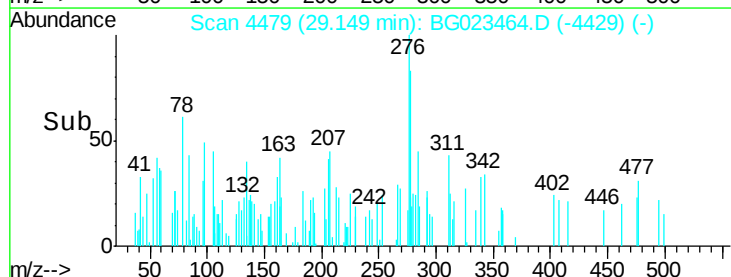
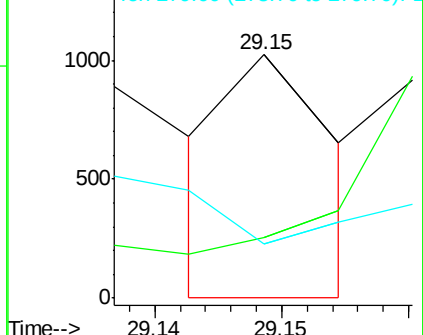
279 22.3 19.1 28.7

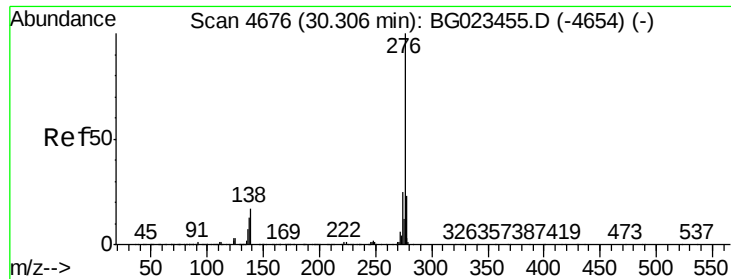


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.05 ng/ul

RT: 30.30 min Scan# 4675

Delta R.T. -0.01 min

Lab File: BG023464.D

Acq: 4 Aug 2016 23:07

Instrument :

BNA_G

ClientSampleId :

BDJJ8

Tot Ion:276 Resp: 3141

Ion Ratio Lower Upper

276 100

138 22.3 22.1 33.1

277 18.7 17.0 25.4

