

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080816\
 Data File : BG023538.D
 Acq On : 8 Aug 2016 17:33
 Operator : UM/SJ
 Sample : H4338-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4V12

Quant Time: Aug 09 15:53:29 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 09 02:15:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	116953	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	561152	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	406022	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.54	188	1007003	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	1018881	20.00	ng/ul	0.00
83) Perylene-d12	25.22	264	965994	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.49	96	9350	3.40	ng/uL	0.00
5) Phenol-d5	7.27	99	445965	37.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	288958	38.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	302712	37.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	348079	37.84	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	167702	37.91	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	193852	38.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	366048	38.20	ng/ul	0.00
29) 4-Chloroaniline-d4	11.08	131	290232	25.82	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	1258944	37.87	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	1430777	38.24	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	233017	41.06	ng/ul	0.00
57) Fluorene-d10	15.77	176	1132915	36.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	243259	37.65	ng/ul	0.00
70) Anthracene-d10	17.64	188	1727427	38.07	ng/ul	0.00
76) Pyrene-d10	19.93	212	1887056	36.59	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.00	264	1780957	40.73	ng/ul	0.00

Target Compounds

						Qvalue
4) Benzaldehyde	7.25	77	25099	3.50	ng/ul	86
10) 2-Chlorophenol	7.68	128	344887	42.13	ng/ul#	83
12) 2,2'-oxybis(1-Chloropropan	8.64	45	790888	64.89	ng/ul	97
14) Acetophenone	8.95	105	636892	43.17	ng/ul#	80
17) Hexachloroethane	9.20	117	71503	20.24	ng/ul#	91
20) Nitrobenzene	9.33	77	802699	61.91	ng/ul#	85
23) 2-Nitrophenol	10.05	139	282922	51.58	ng/ul#	68
27) 2,4-Dichlorophenol	10.59	162	254421	26.33	ng/ul	97
28) Naphthalene	11.00	128	514093	18.05	ng/ul	96
30) 4-Chloroaniline	11.11	127	18202	1.63	ng/ul	92
33) 4-Chloro-3-methylphenol	12.23	107	633025	50.90	ng/ul	85
36) 1,2,4,5-Tetrachlorobenzene	12.97	216	281541	22.59	ng/ul	97
38) 2,4,6-Trichlorophenol	13.21	196	298639	34.59	ng/ul	98
40) 1,1'-Biphenyl	13.60	154	1308649	43.86	ng/ul	96
42) 2-Nitroaniline	13.86	65	664579	70.15	ng/ul#	66
45) 2,6-Dinitrotoluene	14.35	165	319924	44.83	ng/ul#	84
47) Acenaphthylene	14.50	152	2000600	51.13	ng/ul	95
49) Acenaphthene	14.84	153	139840	5.24	ng/ul	95
52) 4-Nitrophenol	15.00	109	387062	68.10	ng/ul#	74
53) Dibenzofuran	15.18	168	883007	22.35	ng/ul	90
54) 2,4-Dinitrotoluene	15.14	165	575718	53.24	ng/ul#	68
56) Diethylphthalate	15.59	149	1671617	48.58	ng/ul#	92
58) Fluorene	15.83	166	313599	9.53	ng/ul	94

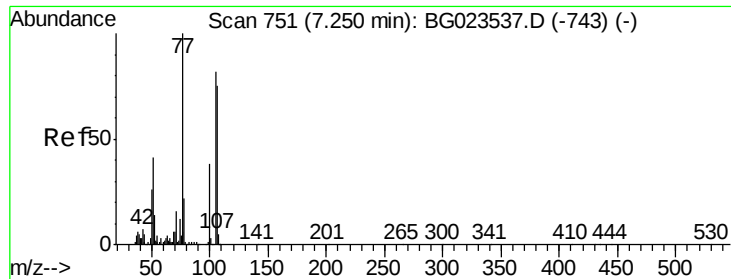
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080816\
Data File : BG023538.D
Acq On : 8 Aug 2016 17:33
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Sample : H4338-02
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 09 02:15:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
64) N-Nitrosodiphenylamine	16.04	169	1550675	55.10	ng/ul	98
66) Hexachlorobenzene	16.84	284	556304	45.22	ng/ul	97
68) Pentachlorophenol	17.19	266	336171	49.53	ng/ul	89
69) Phenanthrene	17.58	178	1839392	35.27	ng/ul	94
73) Di-n-butylphthalate	18.49	149	2296201	42.75	ng/ul#	90
77) Pyrene	19.96	202	1157118	18.37	ng/ul#	91
79) 3,3'-Dichlorobenzidine	21.75	252	198987	11.08	ng/ul#	97
80) Benzo(a)anthracene	21.83	228	2402613	41.87	ng/ul#	92
84) Di-n-octyl phthalate	22.97	149	1784302	36.57	ng/ul	100
85) Benzo(b)fluoranthene	24.15	252	2033040	37.00	ng/ul#	94
88) Benzo(a)pyrene	25.07	252	1225495	23.10	ng/ul#	95
90) Dibenzo(a,h)anthracene	29.16	278	2786763	52.42	ng/ul#	90
91) Benzo(g,h,i)perylene	30.30	276	1463160	28.31	ng/ul#	87

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



#4

Benzaldehyde

Concen: 3.50 ng/ul

RT: 7.25 min Scan# 751

Delta R.T. 0.00 min

Lab File: BG023538.D

Acq: 8 Aug 2016 17:33

Instrument :

BNA_G

ClientSampleId :

A4V12

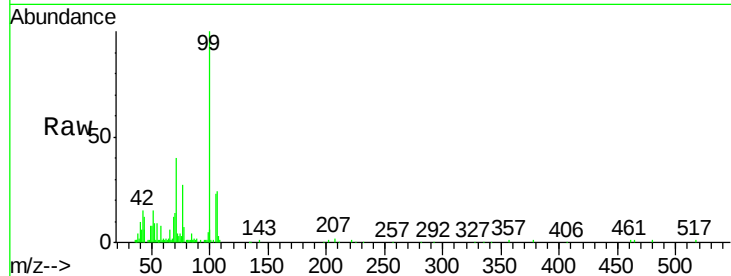
Tgt Ion: 77 Resp: 25099

Ion Ratio Lower Upper

77 100

105 85.1 83.8 125.8

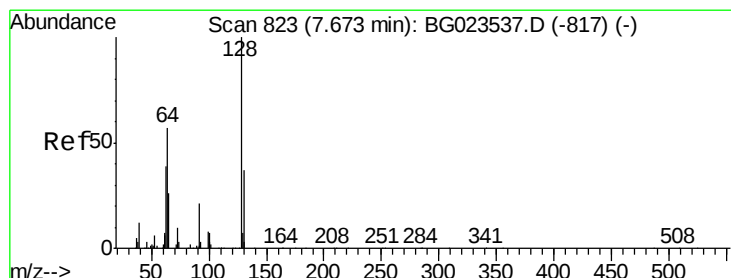
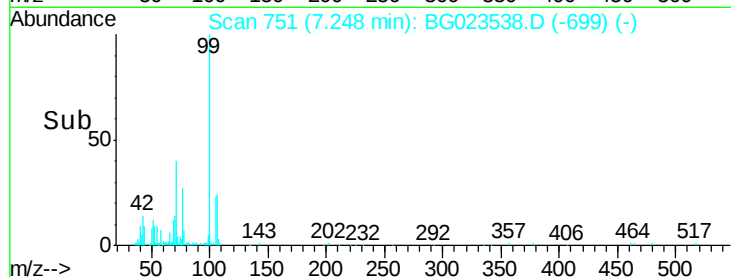
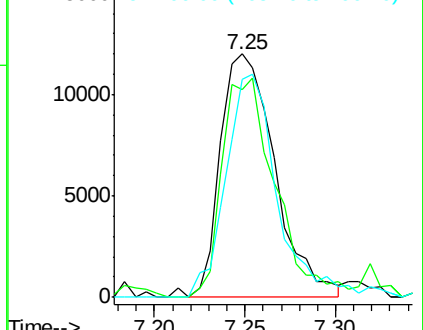
106 89.7 77.9 116.9



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



#10

2-Chlorophenol

Concen: 42.13 ng/ul

RT: 7.68 min Scan# 824

Delta R.T. -0.00 min

Lab File: BG023538.D

Acq: 8 Aug 2016 17:33

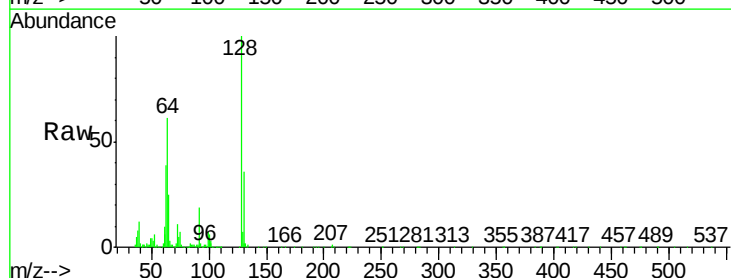
Tgt Ion: 128 Resp: 344887

Ion Ratio Lower Upper

128 100

64 60.9 34.2 51.4#

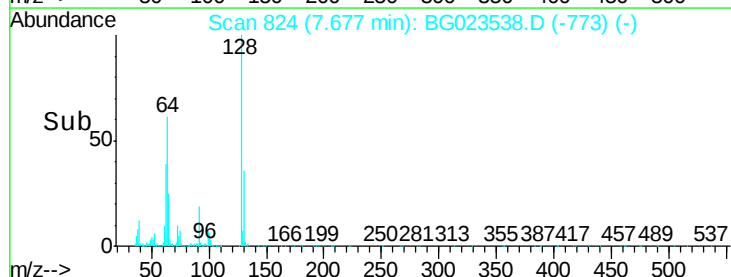
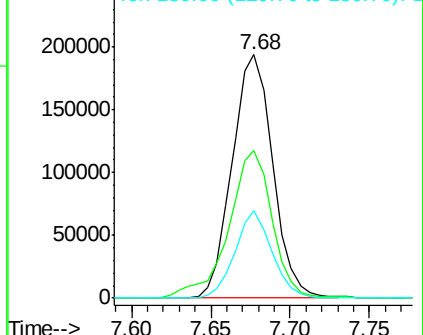
130 35.8 27.0 40.4

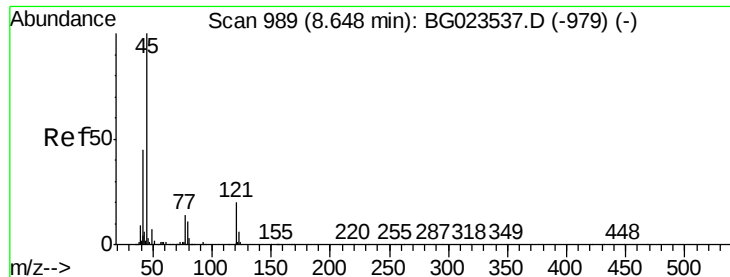


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

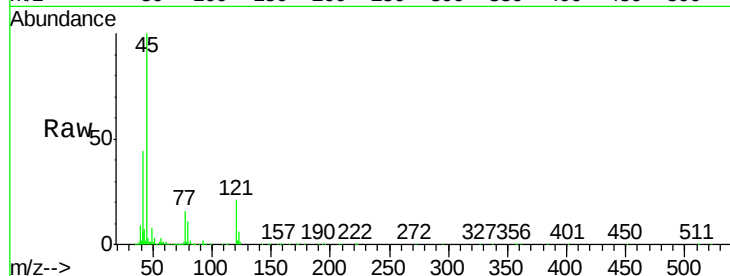




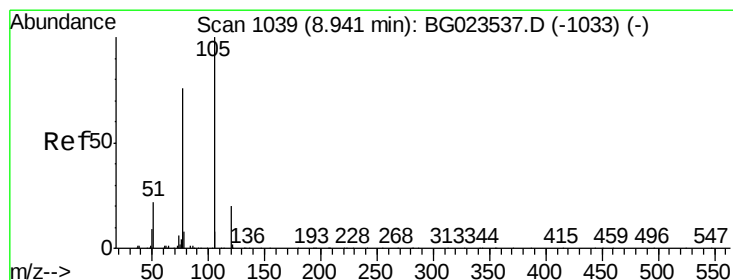
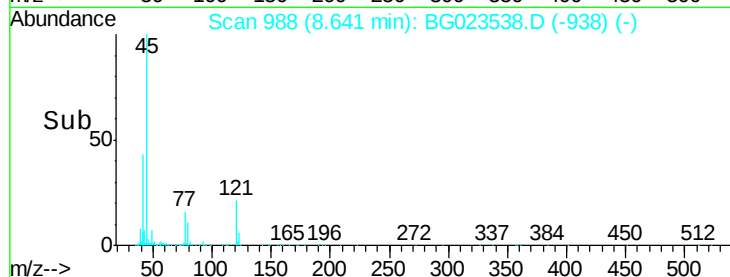
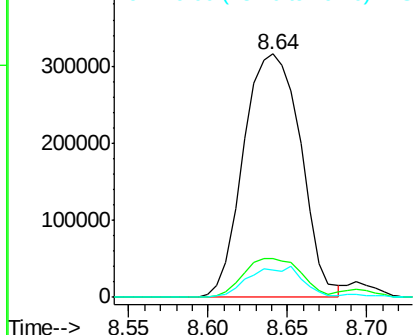
#12
2,2'-oxybis(1-Chloropropane)
Concen: 64.89 ng/ul
RT: 8.64 min Scan# 988
Delta R.T. -0.01 min
Lab File: BG023538.D
Acq: 8 Aug 2016 17:33

Instrument :
BNA_G
ClientSampleId :
A4V12

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.0	13.4	20.2
79	11.3	10.2	15.4

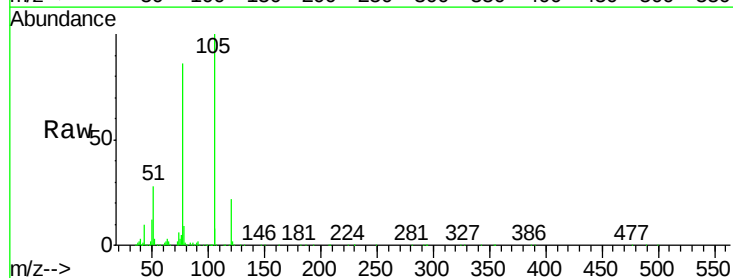


Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

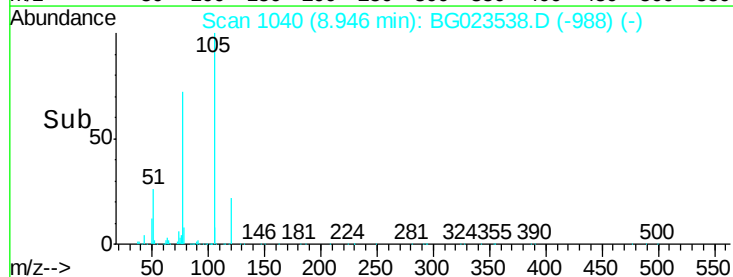
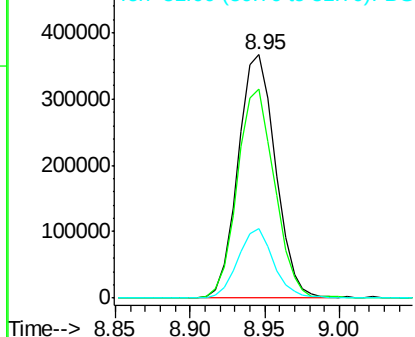


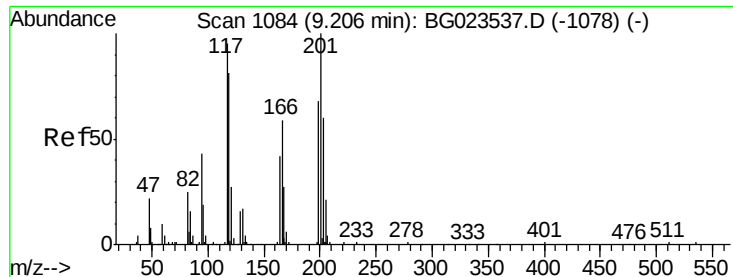
#14
Acetophenone
Concen: 43.17 ng/ul
RT: 8.95 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BG023538.D
Acq: 8 Aug 2016 17:33

Tgt Ion	Ratio	Lower	Upper
105	100		
77	85.7	56.1	84.1#
51	28.4	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





#17

Hexachloroethane

Concen: 20.24 ng/ul

RT: 9.20 min Scan# 1084

Delta R.T. -0.00 min

Lab File: BG023538.D

Acq: 8 Aug 2016 17:33

Instrument :

BNA_G

ClientSampleId :

A4V12

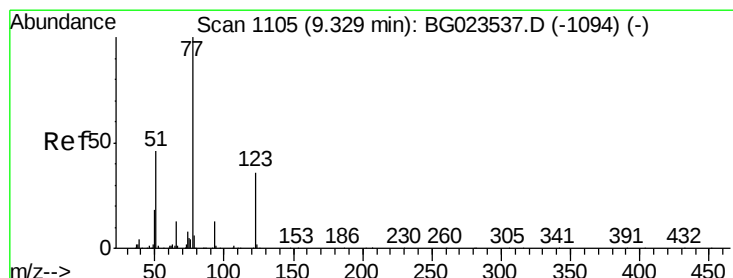
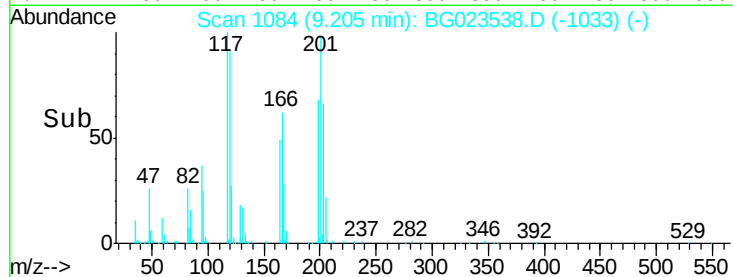
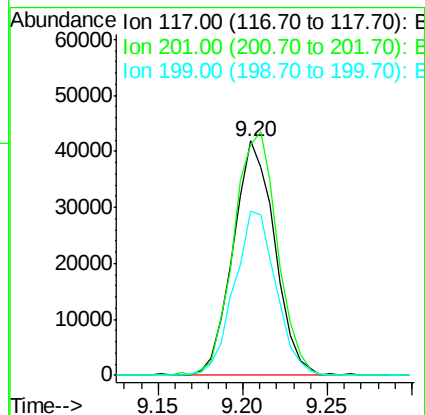
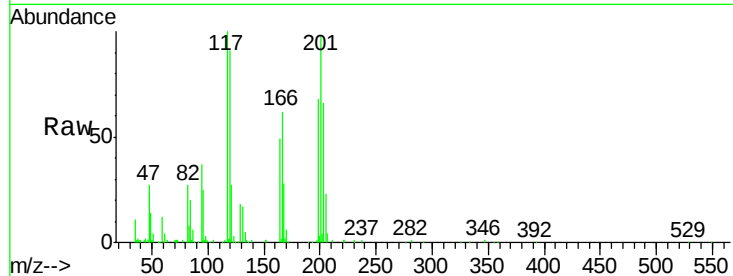
Tgt Ion: 117 Resp: 71503

Ion Ratio Lower Upper

117 100

201 98.2 76.8 115.2

199 70.0 43.5 65.3#



#20

Nitrobenzene

Concen: 61.91 ng/ul

RT: 9.33 min Scan# 1106

Delta R.T. -0.00 min

Lab File: BG023538.D

Acq: 8 Aug 2016 17:33

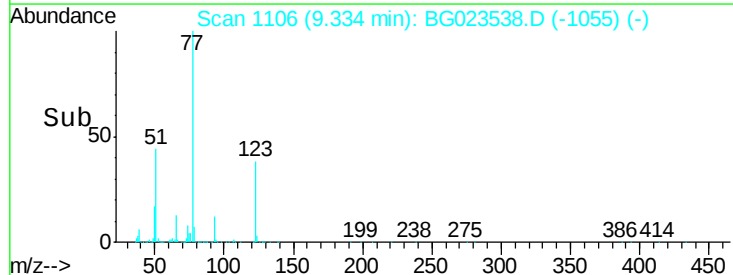
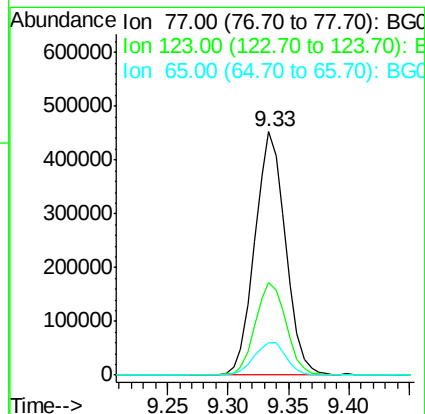
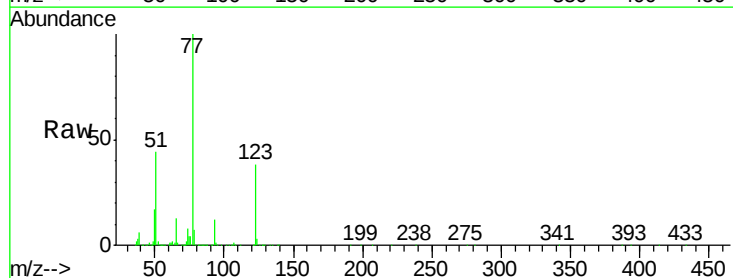
Tgt Ion: 77 Resp: 802699

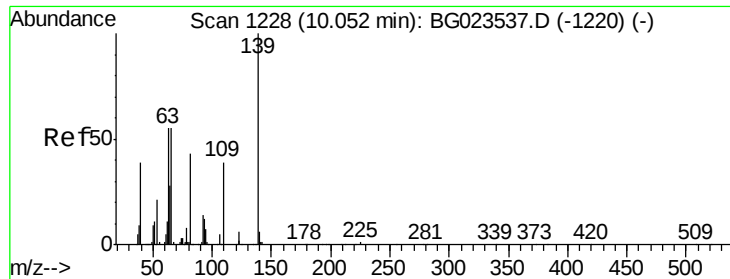
Ion Ratio Lower Upper

77 100

123 37.8 39.5 59.3#

65 13.4 9.0 13.4

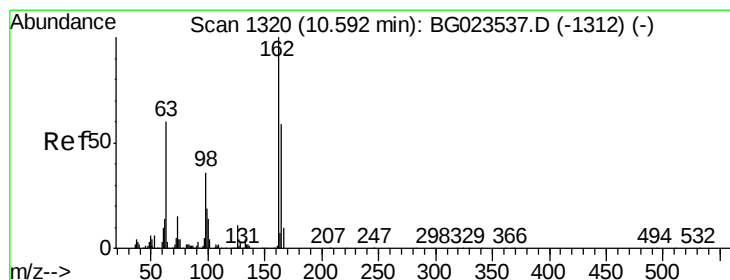
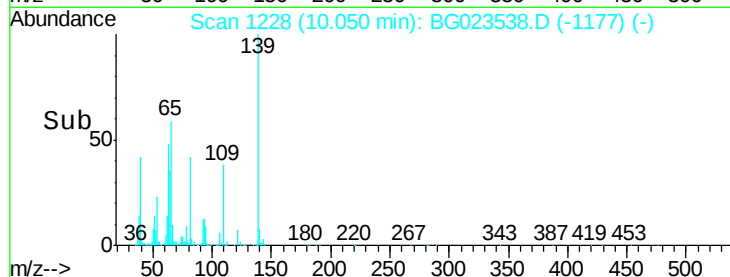
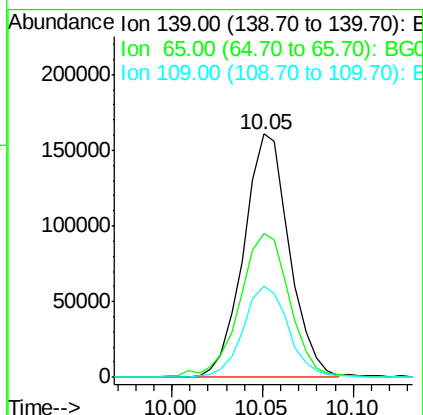
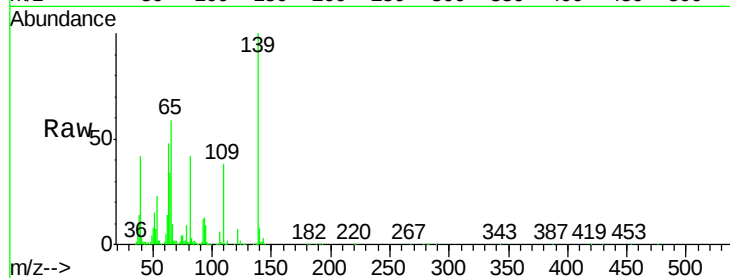




#23
2-Nitrophenol
Concen: 51.58 ng/ul
RT: 10.05 min Scan# 1228
Delta R.T. -0.00 min
Lab File: BG023538.D
Acq: 8 Aug 2016 17:33

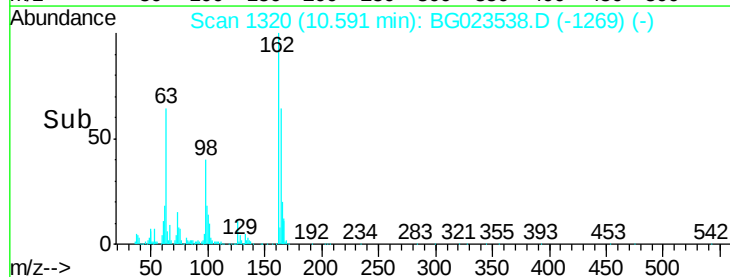
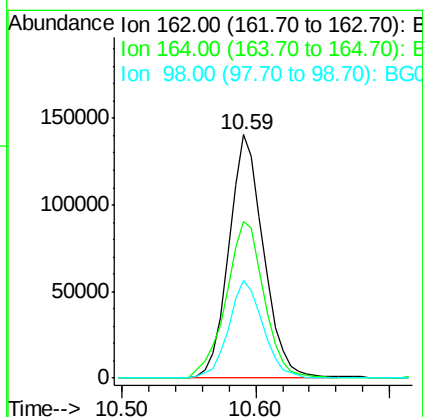
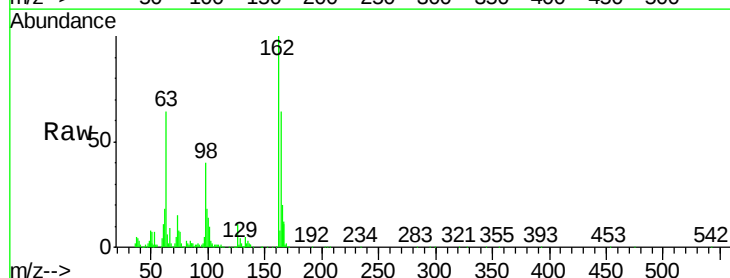
Instrument :
BNA_G
ClientSampleId :
A4V12

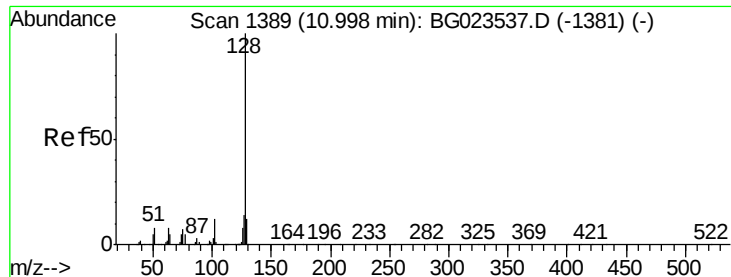
Tgt Ion:139 Resp: 282922
Ion Ratio Lower Upper
139 100
65 59.2 31.8 47.8#
109 37.6 17.1 25.7#



#27
2,4-Dichlorophenol
Concen: 26.33 ng/ul
RT: 10.59 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG023538.D
Acq: 8 Aug 2016 17:33

Tgt Ion:162 Resp: 254421
Ion Ratio Lower Upper
162 100
164 64.3 51.6 77.4
98 39.9 28.3 42.5





#28

Naphthalene

Concen: 18.05 ng/ul

RT: 11.00 min Scan# 1389

Delta R.T. -0.00 min

Lab File: BG023538.D

Acq: 8 Aug 2016 17:33

Instrument :

BNA_G

ClientSampleId :

A4V12

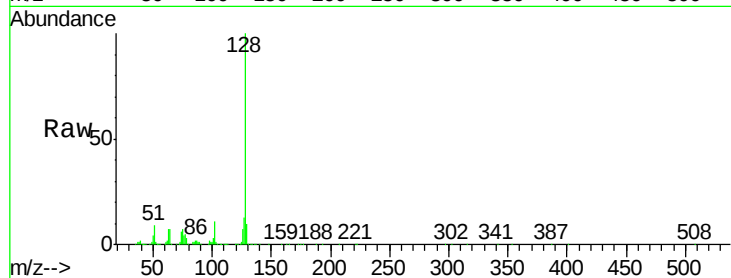
Tgt Ion:128 Resp: 514093

Ion Ratio Lower Upper

128 100

129 10.4 9.4 14.2

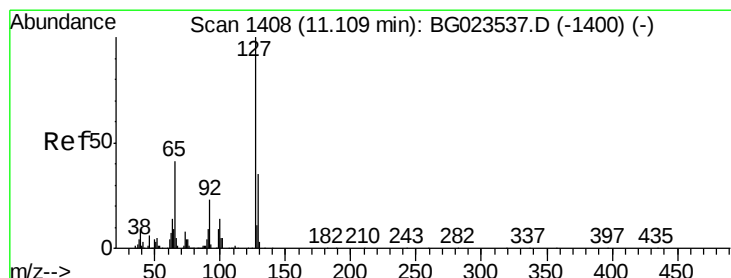
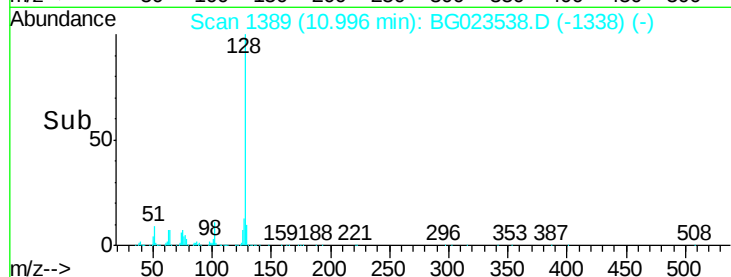
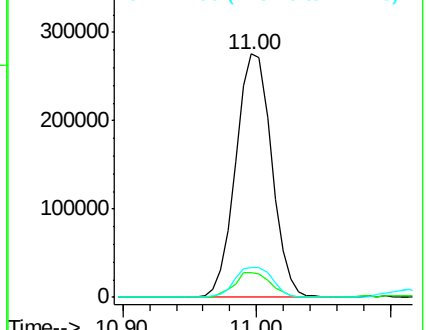
127 12.5 11.2 16.8



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: 1.63 ng/ul

RT: 11.11 min Scan# 1409

Delta R.T. 0.01 min

Lab File: BG023538.D

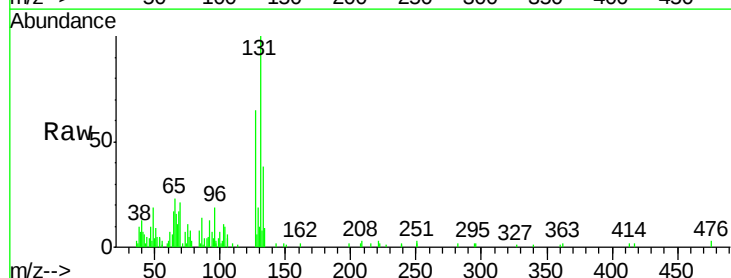
Acq: 8 Aug 2016 17:33

Tgt Ion:127 Resp: 18202

Ion Ratio Lower Upper

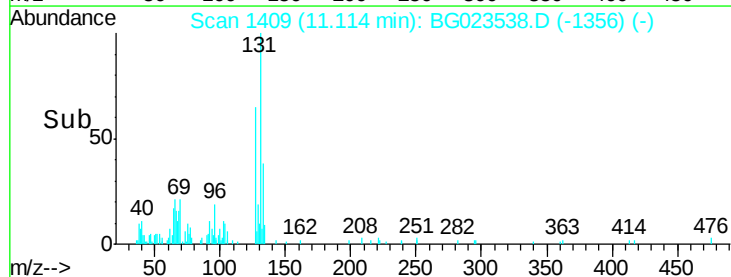
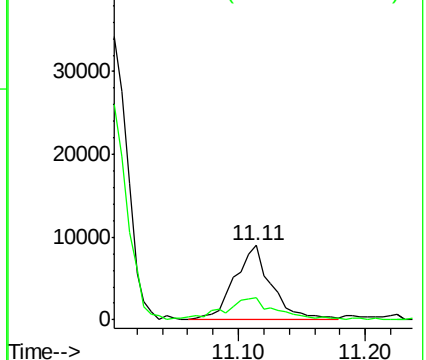
127 100

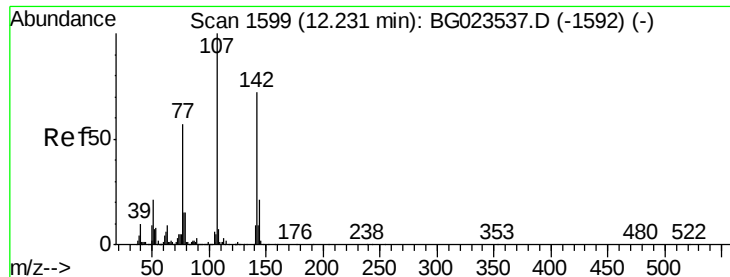
129 29.3 26.9 40.3



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

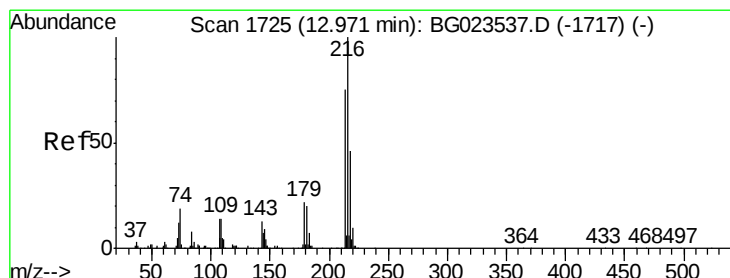
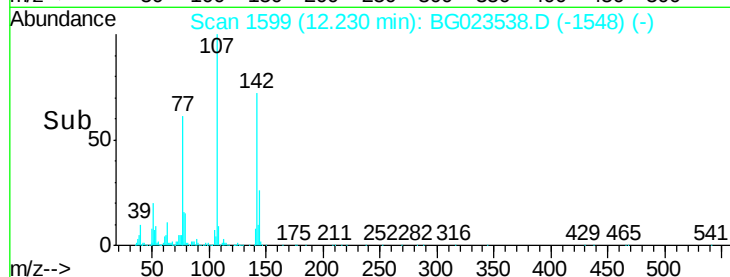
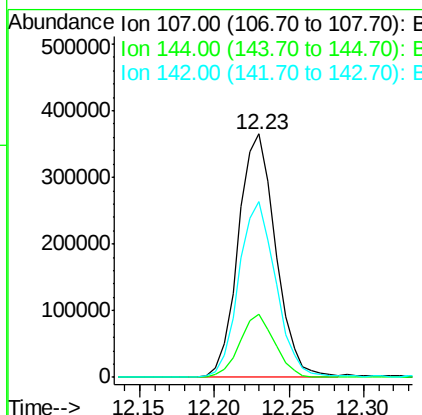
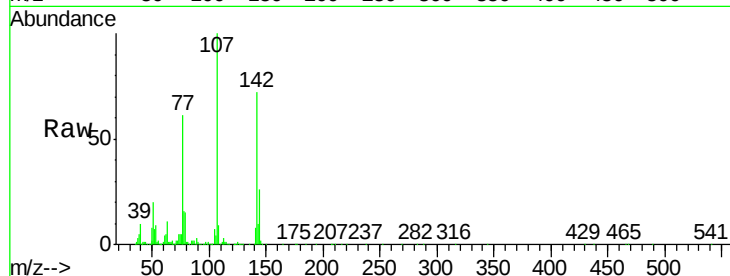




#33
 4-Chloro-3-methylphenol
 Concen: 50.90 ng/ul
 RT: 12.23 min Scan# 1599
 Delta R.T. -0.00 min
 Lab File: BG023538.D
 Acq: 8 Aug 2016 17:33

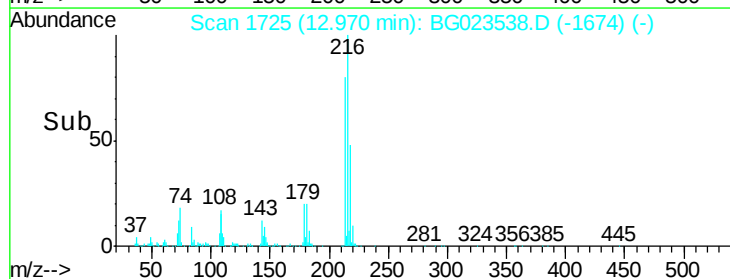
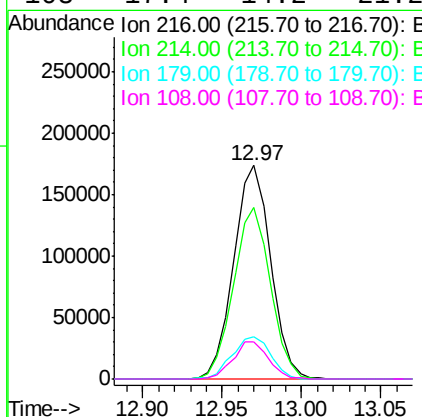
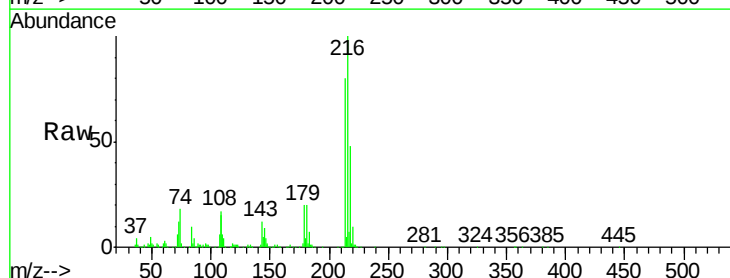
Instrument :
 BNA_G
 ClientSampleId :
 A4V12

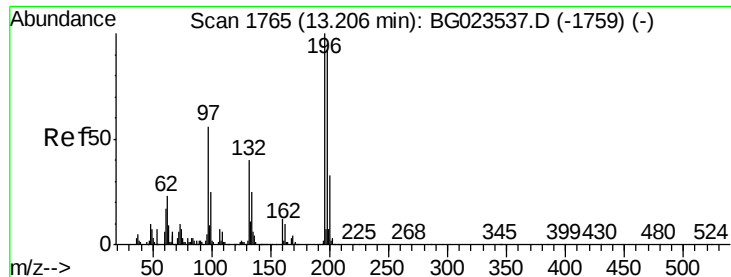
Tgt Ion:107 Resp: 633025
 Ion Ratio Lower Upper
 107 100
 144 25.7 22.7 34.1
 142 72.0 71.6 107.4



#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 22.59 ng/ul
 RT: 12.97 min Scan# 1725
 Delta R.T. -0.00 min
 Lab File: BG023538.D
 Acq: 8 Aug 2016 17:33

Tgt Ion:216 Resp: 281541
 Ion Ratio Lower Upper
 216 100
 214 80.4 61.7 92.5
 179 19.8 17.0 25.4
 108 17.4 14.2 21.2

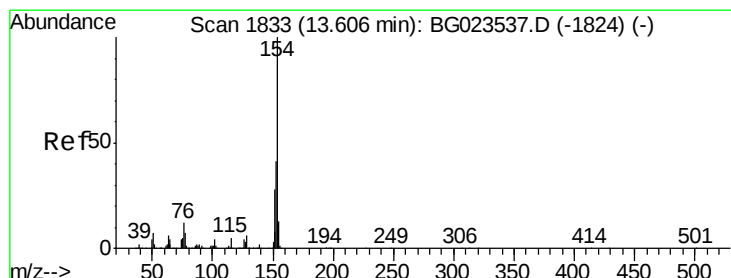
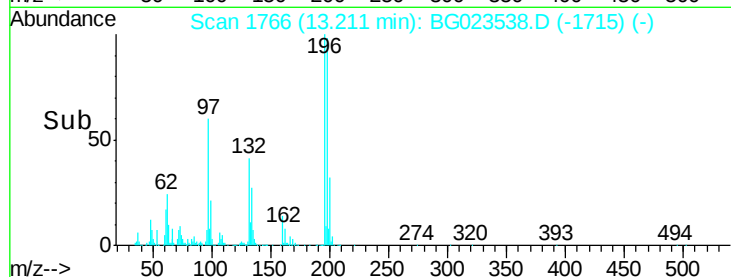
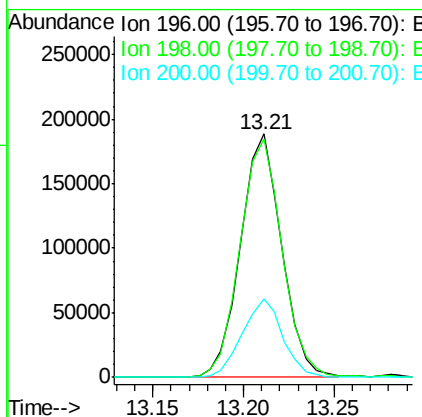
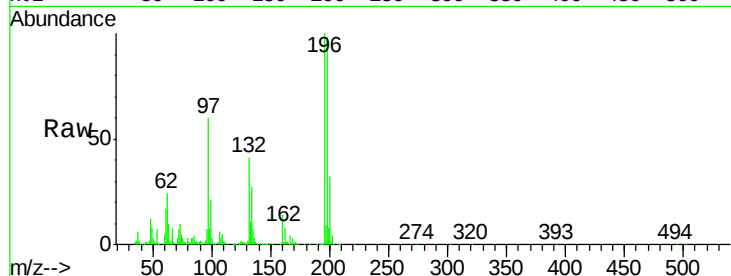




#38
 2,4,6-Trichlorophenol
 Concen: 34.59 ng/ul
 RT: 13.21 min Scan# 1766
 Delta R.T. -0.00 min
 Lab File: BG023538.D
 Acq: 8 Aug 2016 17:33

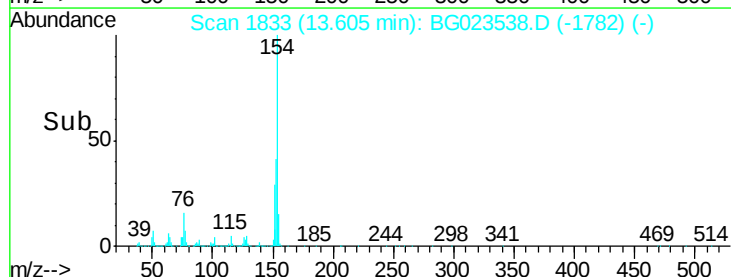
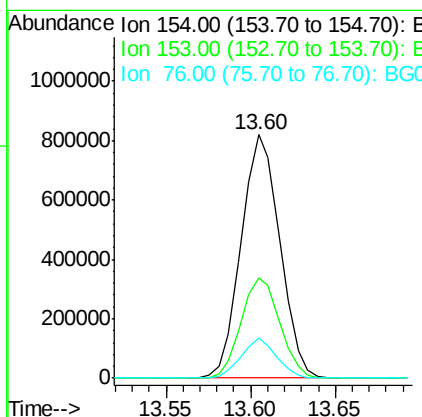
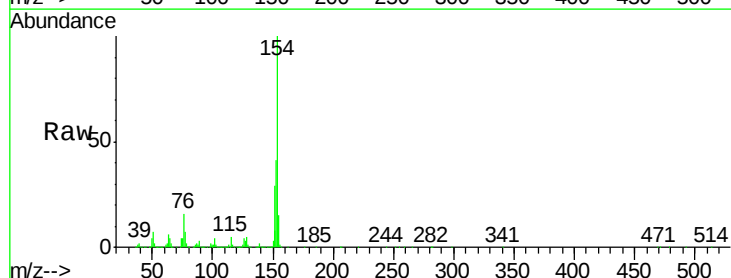
Instrument :
 BNA_G
 ClientSampleId :
 A4V12

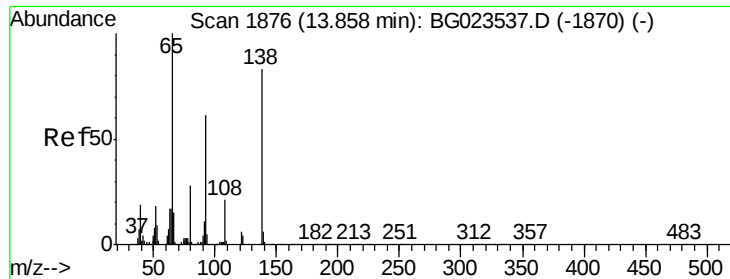
Tgt Ion:196 Resp: 298639
 Ion Ratio Lower Upper
 196 100
 198 98.0 77.4 116.0
 200 32.1 26.6 39.8



#40
 1,1'-Biphenyl
 Concen: 43.86 ng/ul
 RT: 13.60 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: BG023538.D
 Acq: 8 Aug 2016 17:33

Tgt Ion:154 Resp: 1308649
 Ion Ratio Lower Upper
 154 100
 153 41.0 34.6 52.0
 76 16.4 11.9 17.9

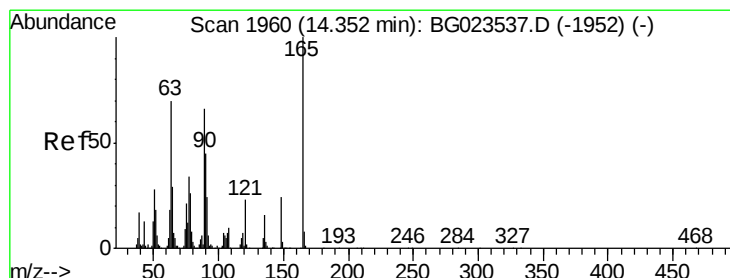
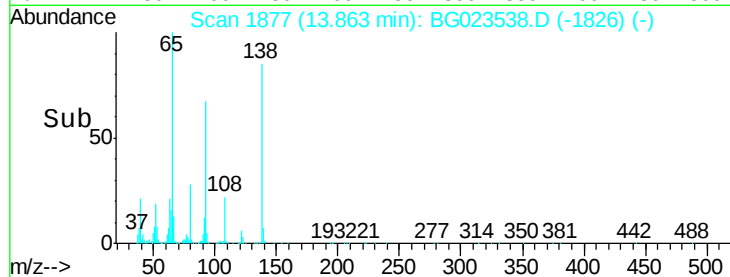
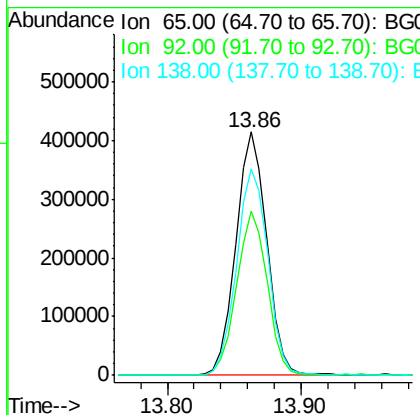
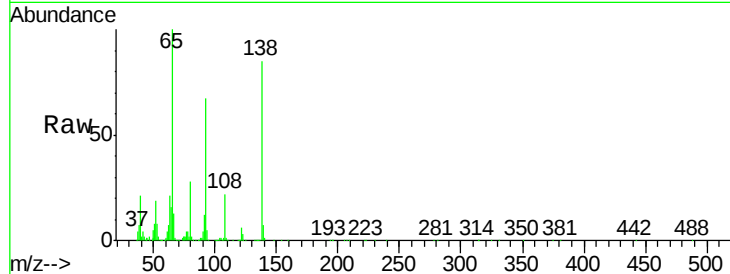




#42
2-Nitroaniline
Concen: 70.15 ng/ul
RT: 13.86 min Scan# 1877
Delta R.T. -0.00 min
Lab File: BG023538.D
Acq: 8 Aug 2016 17:33

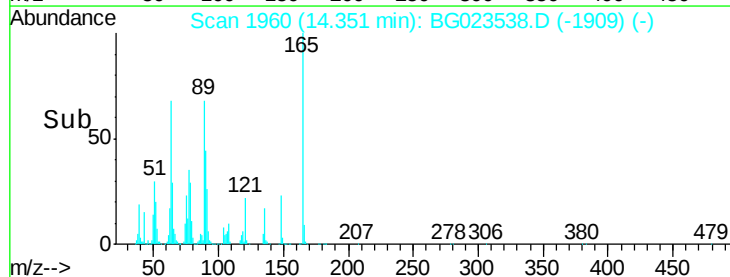
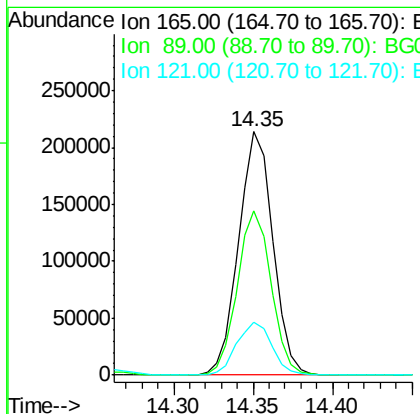
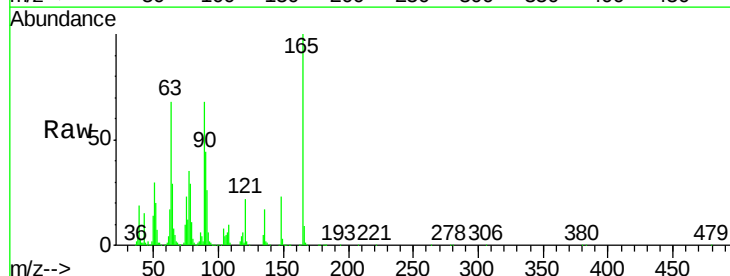
Instrument :
BNA_G
ClientSampleId :
A4V12

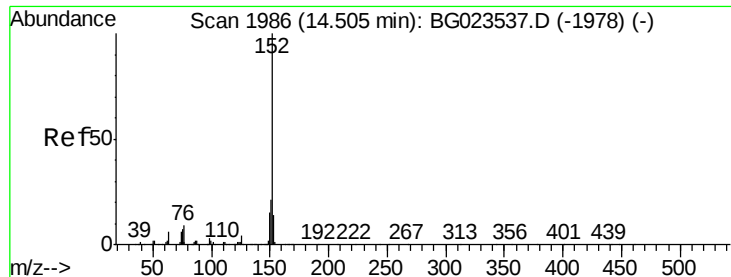
Tgt Ion: 65 Resp: 664579
Ion Ratio Lower Upper
65 100
92 67.5 67.1 100.7
138 84.9 109.6 164.4#



#45
2,6-Dinitrotoluene
Concen: 44.83 ng/ul
RT: 14.35 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BG023538.D
Acq: 8 Aug 2016 17:33

Tgt Ion: 165 Resp: 319924
Ion Ratio Lower Upper
165 100
89 67.5 41.5 62.3#
121 21.8 17.0 25.4





#47

Acenaphthylene

Concen: 51.13 ng/ul

RT: 14.50 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BG023538.D

Acq: 8 Aug 2016 17:33

Instrument :

BNA_G

ClientSampleId :

A4V12

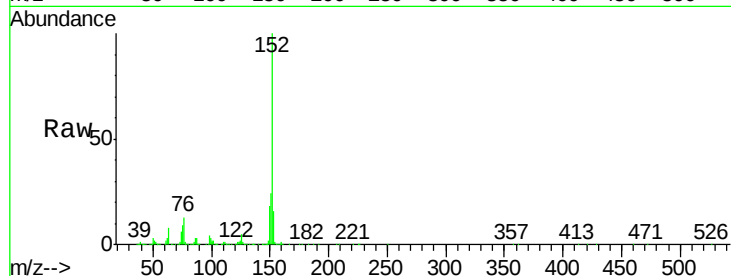
Tgt Ion:152 Resp: 2000600

Ion Ratio Lower Upper

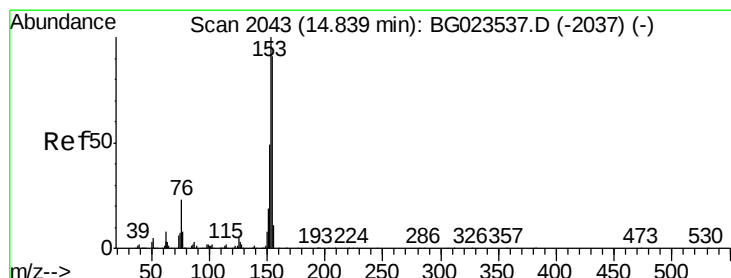
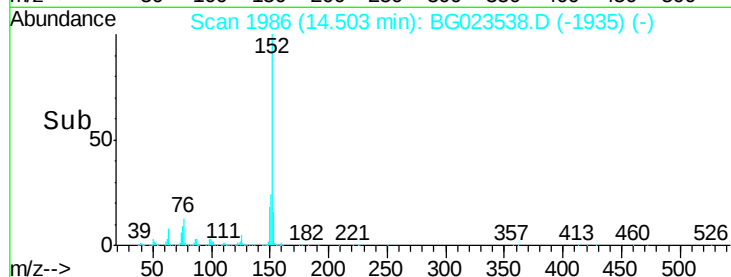
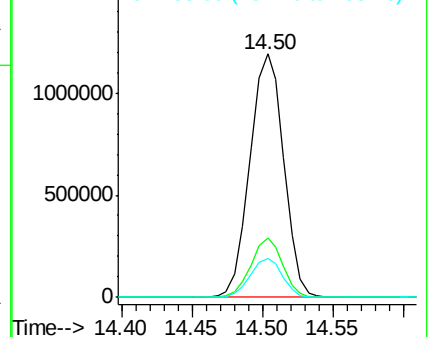
152 100

151 24.2 17.5 26.3

153 15.9 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



#49

Acenaphthene

Concen: 5.24 ng/ul

RT: 14.84 min Scan# 2044

Delta R.T. -0.00 min

Lab File: BG023538.D

Acq: 8 Aug 2016 17:33

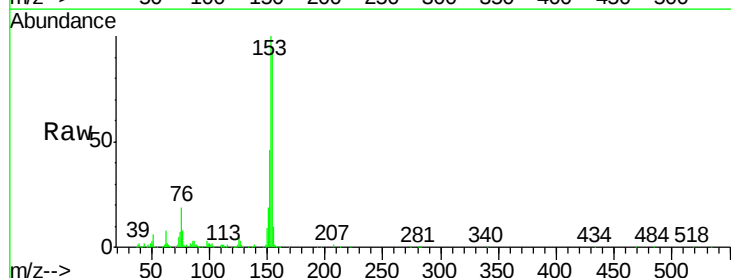
Tgt Ion:153 Resp: 139840

Ion Ratio Lower Upper

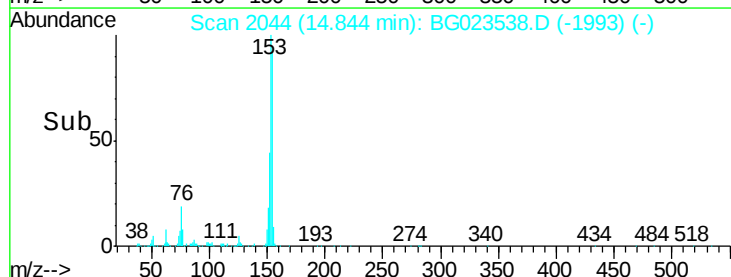
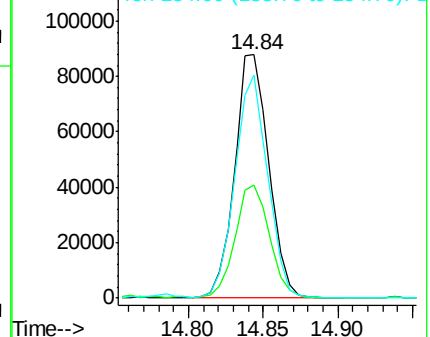
153 100

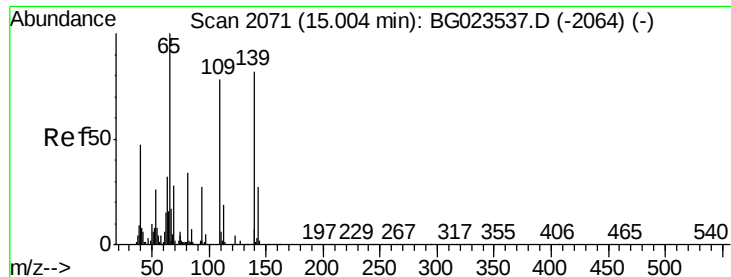
152 46.3 37.3 55.9

154 91.6 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: 68.10 ng/ul

RT: 15.00 min Scan# 2071

Delta R.T. 0.00 min

Lab File: BG023538.D

Acq: 8 Aug 2016 17:33

Instrument :

BNA_G

ClientSampleId :

A4V12

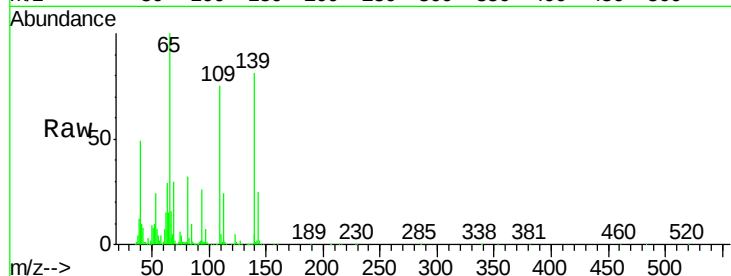
Tgt Ion:109 Resp: 387062

Ion Ratio Lower Upper

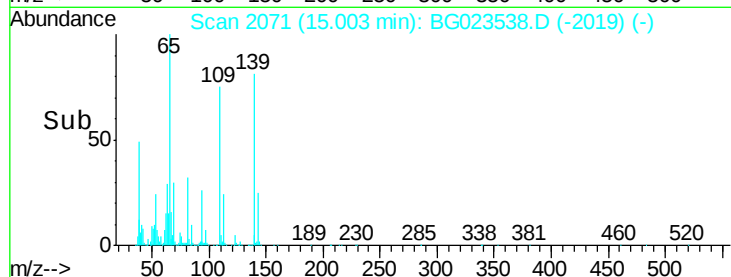
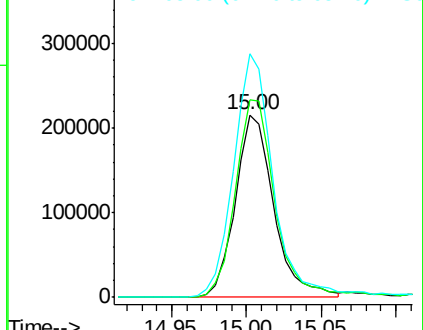
109 100

139 108.5 136.1 204.1#

65 133.7 106.0 159.0



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): BGC



#53

Dibenzofuran

Concen: 22.35 ng/ul

RT: 15.18 min Scan# 2101

Delta R.T. -0.00 min

Lab File: BG023538.D

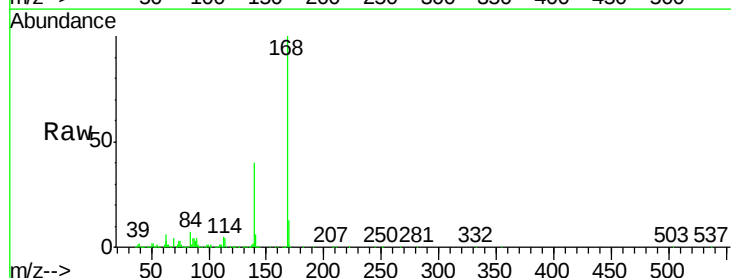
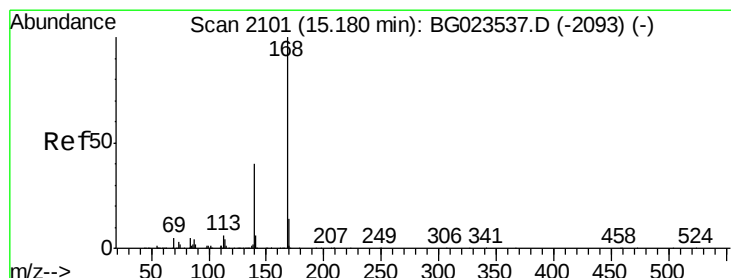
Acq: 8 Aug 2016 17:33

Tgt Ion:168 Resp: 883007

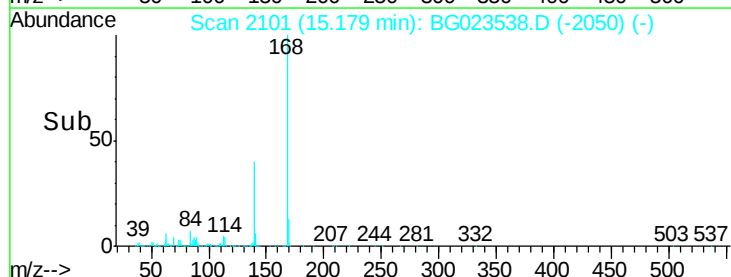
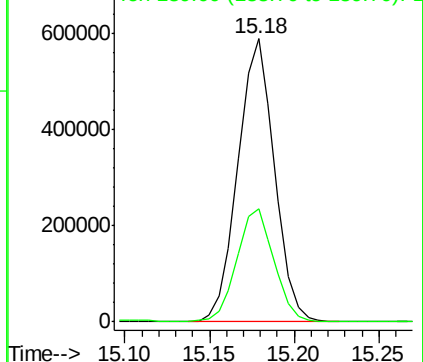
Ion Ratio Lower Upper

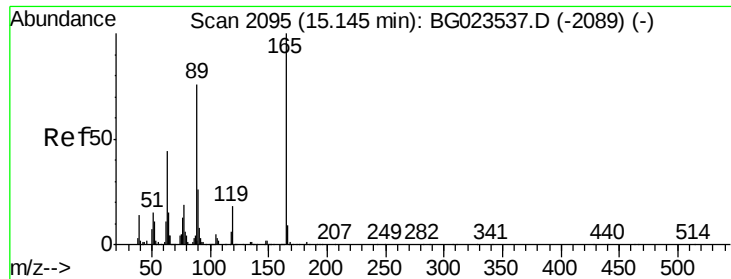
168 100

139 40.0 27.4 41.0



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E

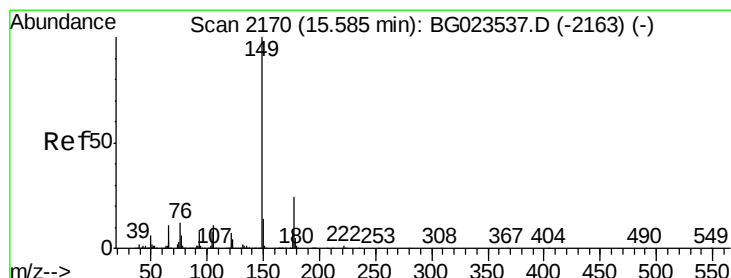
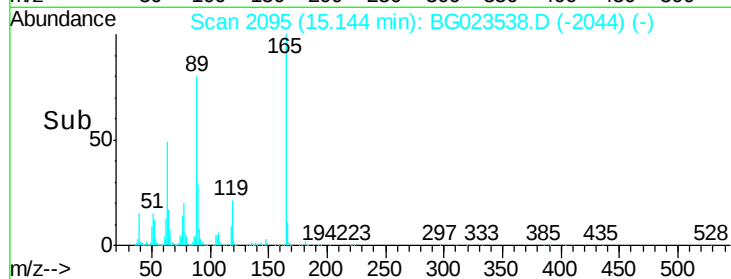
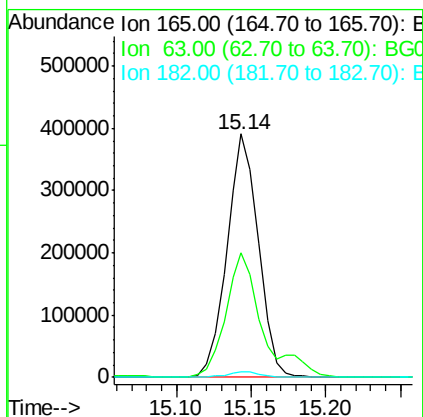
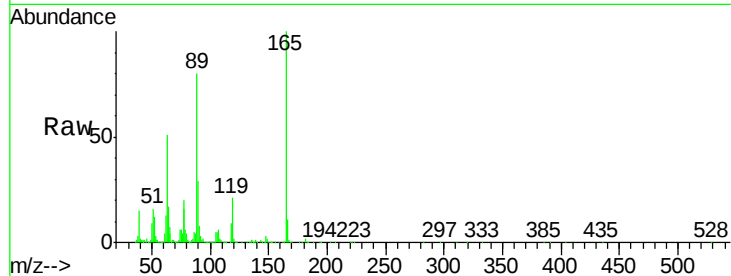




#54
 2,4-Dinitrotoluene
 Concen: 53.24 ng/ul
 RT: 15.14 min Scan# 2095
 Delta R.T. -0.00 min
 Lab File: BG023538.D
 Acq: 8 Aug 2016 17:33

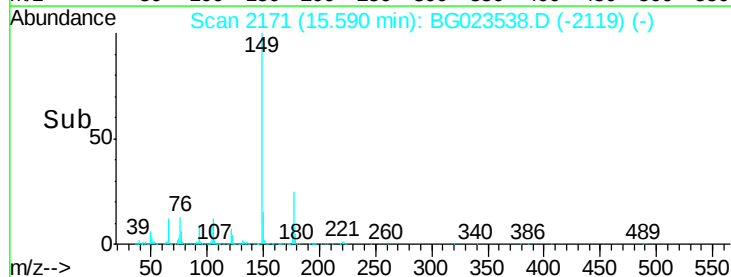
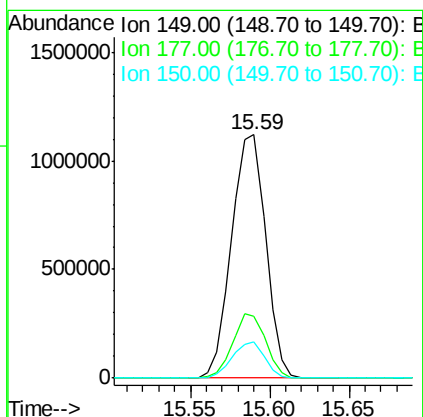
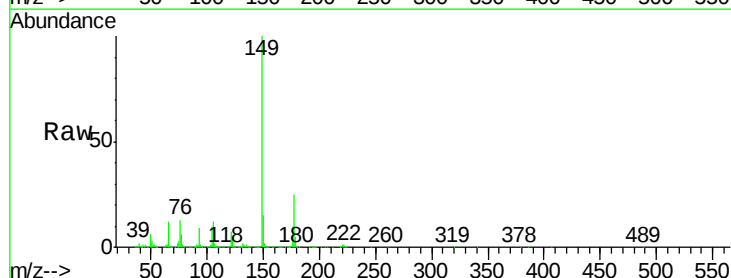
Instrument :
 BNA_G
 ClientSampleId :
 A4V12

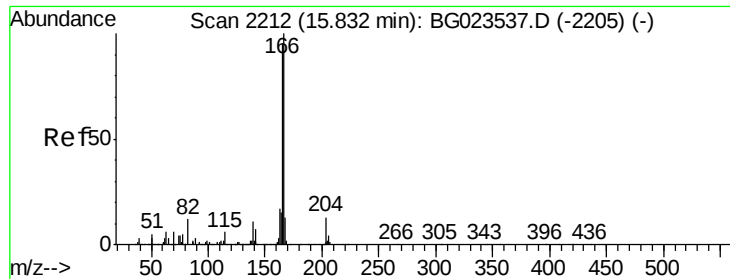
Tgt Ion:165 Resp: 575718
 Ion Ratio Lower Upper
 165 100
 63 51.2 25.7 38.5#
 182 2.5 2.1 3.1



#56
 Diethylphthalate
 Concen: 48.58 ng/ul
 RT: 15.59 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: BG023538.D
 Acq: 8 Aug 2016 17:33

Tgt Ion:149 Resp: 1671617
 Ion Ratio Lower Upper
 149 100
 177 25.5 17.4 26.2
 150 14.8 9.6 14.4#





#58

Fluorene

Concen: 9.53 ng/ul

RT: 15.83 min Scan# 2212

Delta R.T. -0.00 min

Lab File: BG023538.D

Acq: 8 Aug 2016 17:33

Instrument :

BNA_G

ClientSampleId :

A4V12

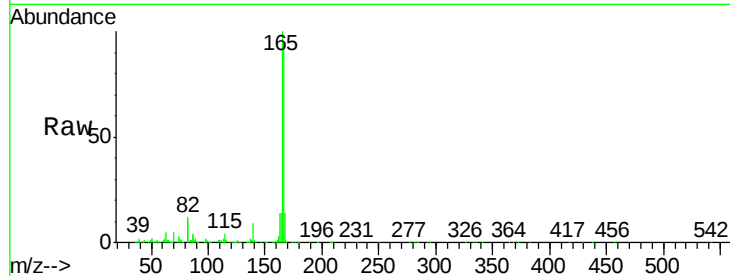
Tgt Ion:166 Resp: 313599

Ion Ratio Lower Upper

166 100

165 106.3 80.3 120.5

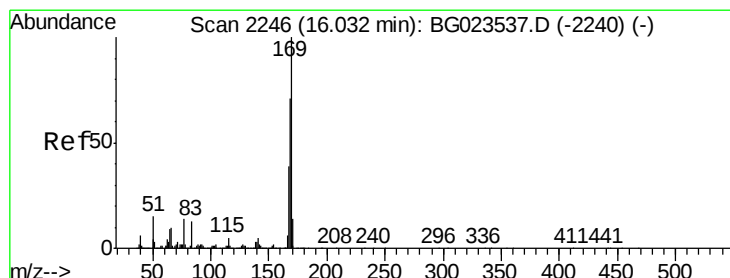
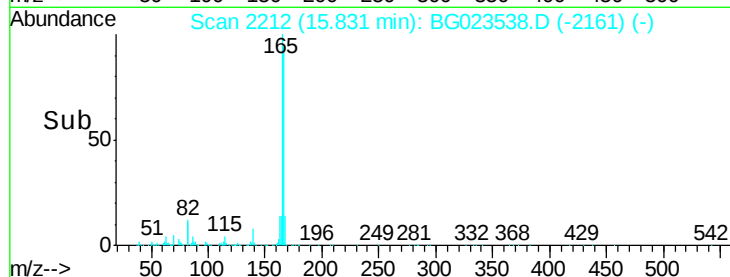
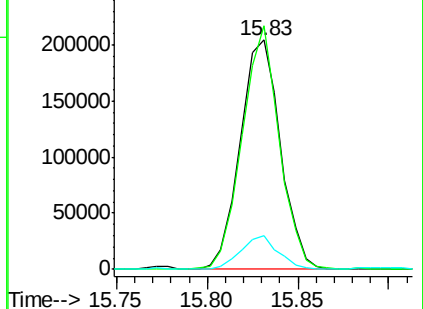
167 14.5 10.3 15.5



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



#64

N-Nitrosodiphenylamine

Concen: 55.10 ng/ul

RT: 16.04 min Scan# 2247

Delta R.T. 0.00 min

Lab File: BG023538.D

Acq: 8 Aug 2016 17:33

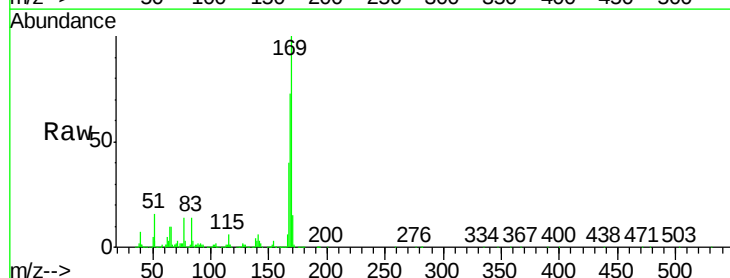
Tgt Ion:169 Resp: 1550675

Ion Ratio Lower Upper

169 100

168 72.6 59.0 88.6

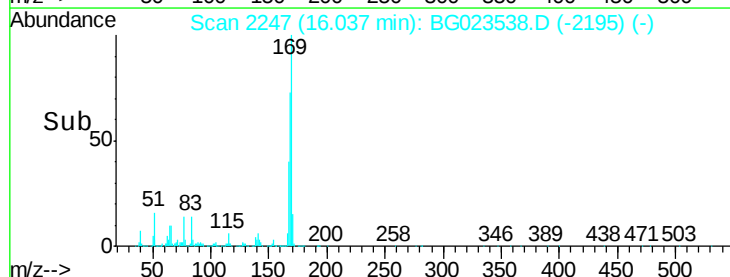
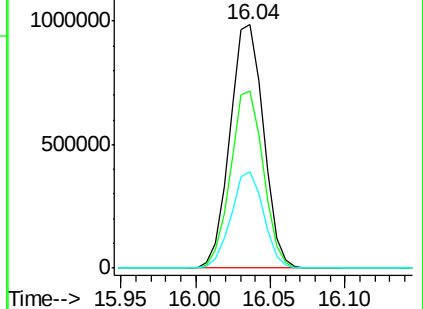
167 39.6 30.6 46.0

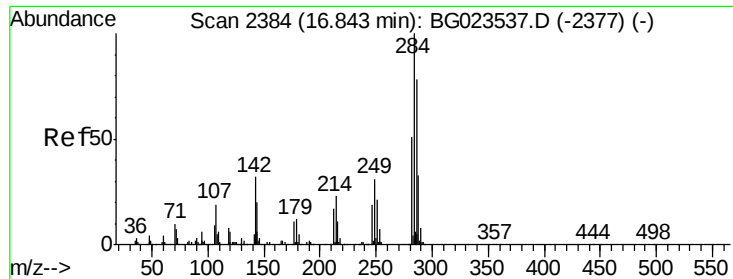


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#66

Hexachlorobenzene

Concen: 45.22 ng/ul

RT: 16.84 min Scan# 2384

Delta R.T. -0.00 min

Lab File: BG023538.D

Acq: 8 Aug 2016 17:33

Instrument :

BNA_G

ClientSampled :

A4V12

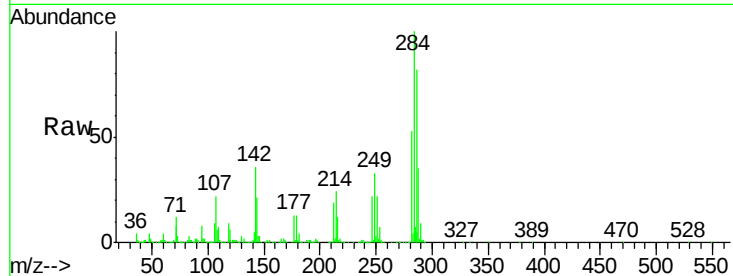
Tgt Ion:284 Resp: 556304

Ion Ratio Lower Upper

284 100

142 35.8 27.8 41.8

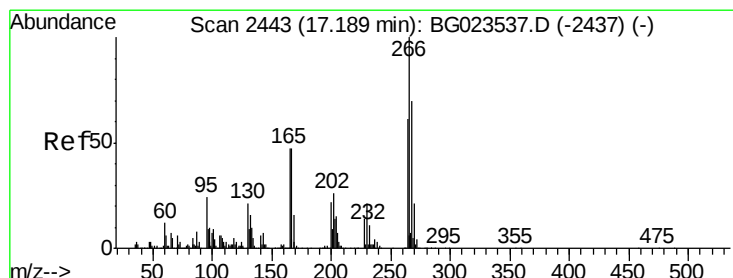
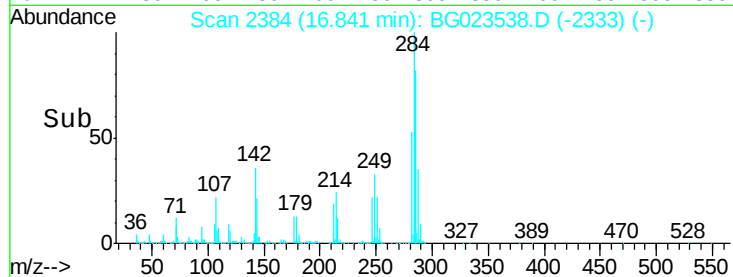
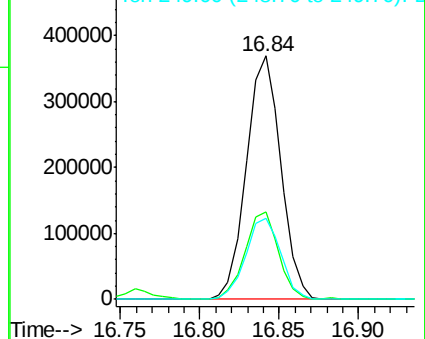
249 33.2 24.4 36.6



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



#68

Pentachlorophenol

Concen: 49.53 ng/ul

RT: 17.19 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BG023538.D

Acq: 8 Aug 2016 17:33

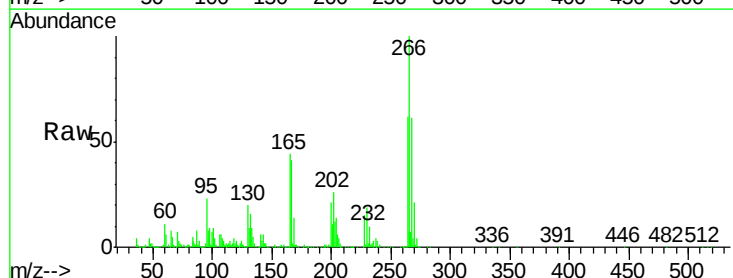
Tgt Ion:266 Resp: 336171

Ion Ratio Lower Upper

266 100

264 61.7 54.7 82.1

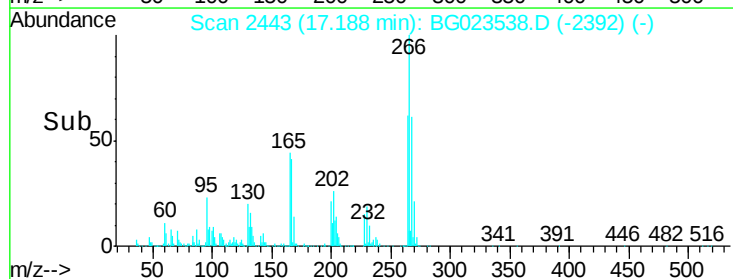
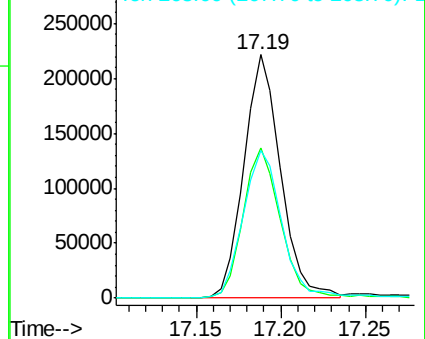
268 60.9 57.8 86.8

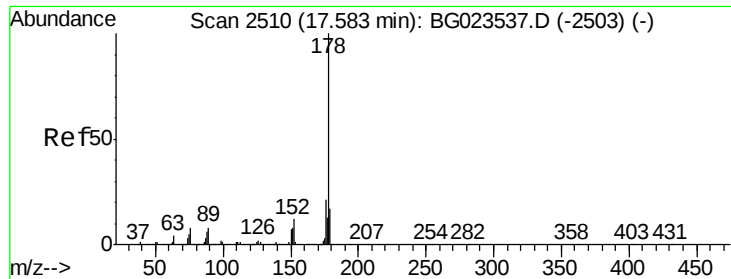


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#69

Phenanthrene

Concen: 35.27 ng/ul

RT: 17.58 min Scan# 2510

Delta R.T. -0.00 min

Lab File: BG023538.D

Acq: 8 Aug 2016 17:33

Instrument :

BNA_G

ClientSampleId :

A4V12

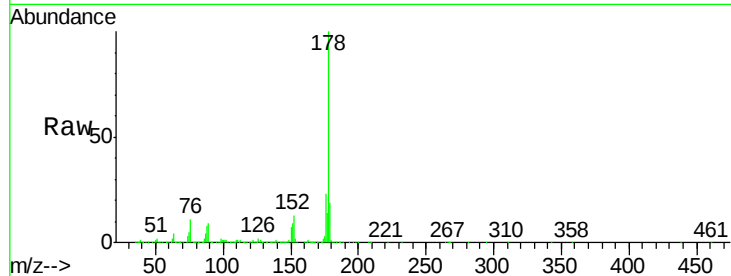
Tgt Ion:178 Resp: 1839392

Ion Ratio Lower Upper

178 100

179 18.7 12.9 19.3

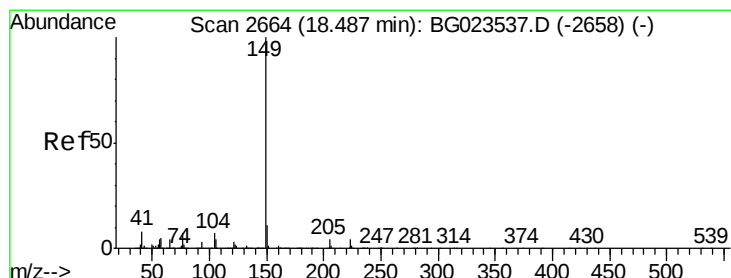
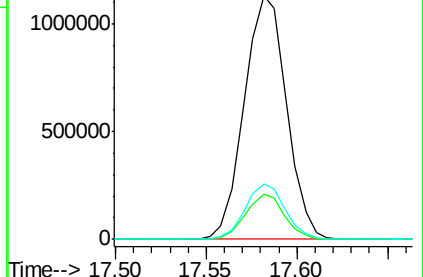
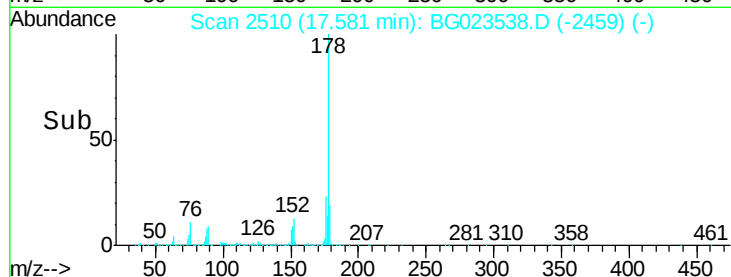
176 22.7 15.8 23.8



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



#73

Di-n-butylphthalate

Concen: 42.75 ng/ul

RT: 18.49 min Scan# 2665

Delta R.T. 0.00 min

Lab File: BG023538.D

Acq: 8 Aug 2016 17:33

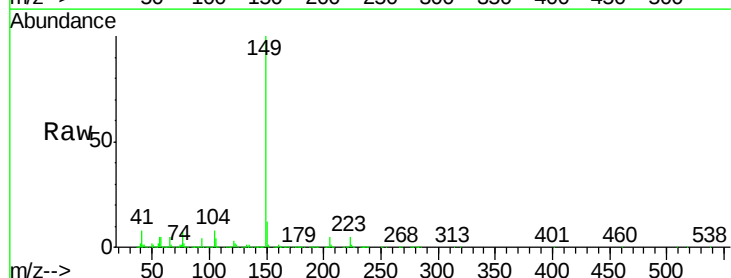
Tgt Ion:149 Resp: 2296201

Ion Ratio Lower Upper

149 100

150 12.2 7.1 10.7#

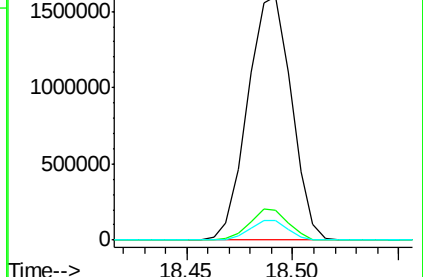
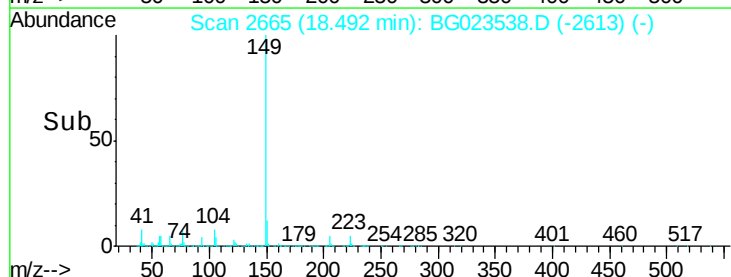
104 8.1 3.3 4.9#

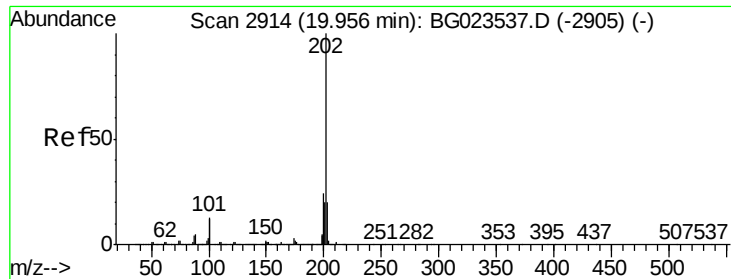


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#77

Pyrene

Concen: 18.37 ng/ul

RT: 19.96 min Scan# 2915

Delta R.T. -0.00 min

Lab File: BG023538.D

Acq: 8 Aug 2016 17:33

Instrument :

BNA_G

ClientSampleId :

A4V12

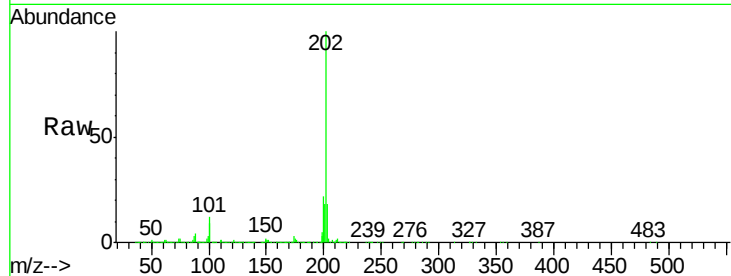
Tgt Ion:202 Resp: 1157118

Ion Ratio Lower Upper

202 100

101 12.5 12.5 18.7

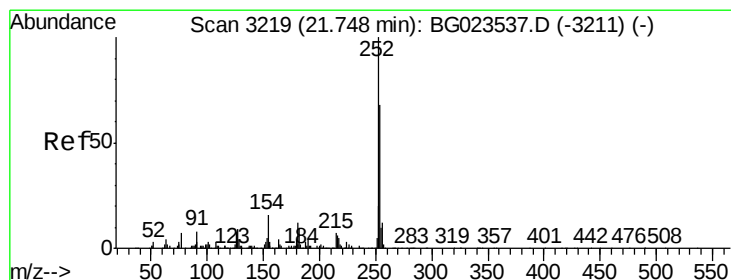
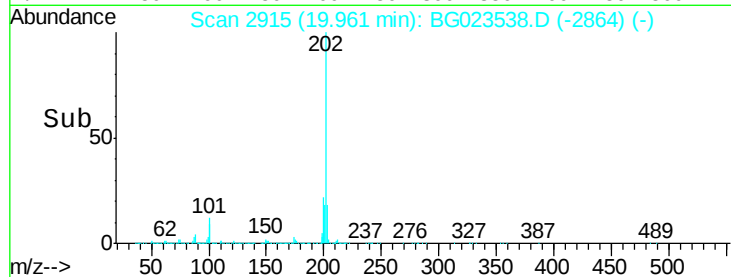
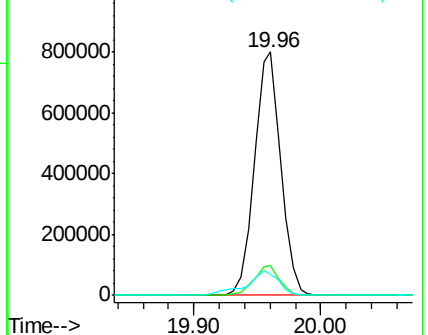
100 8.5 10.2 15.4#



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



#79

3,3'-Dichlorobenzidine

Concen: 11.08 ng/ul

RT: 21.75 min Scan# 3219

Delta R.T. -0.00 min

Lab File: BG023538.D

Acq: 8 Aug 2016 17:33

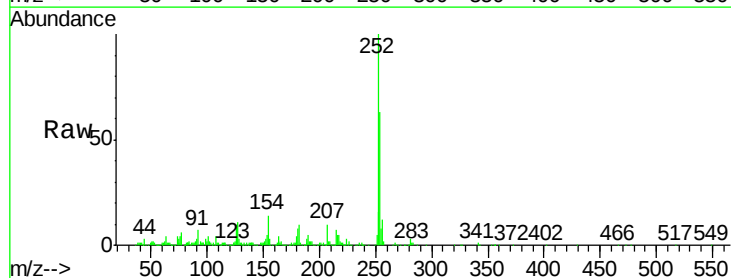
Tgt Ion:252 Resp: 198987

Ion Ratio Lower Upper

252 100

254 63.0 51.4 77.2

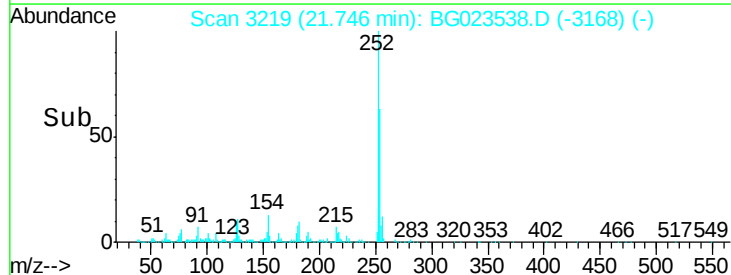
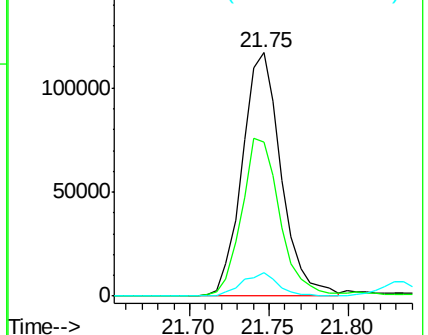
126 9.9 10.7 16.1#

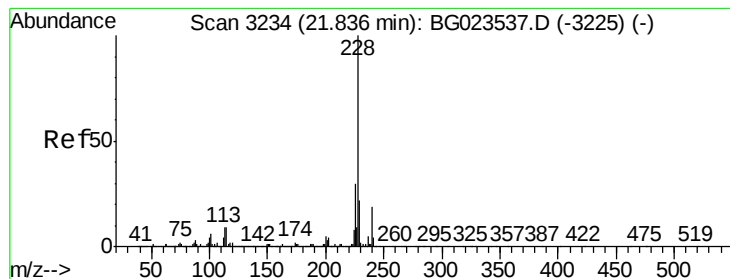


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#80

Benzo(a)anthracene

Concen: 41.87 ng/ul

RT: 21.83 min Scan# 3234

Delta R.T. -0.00 min

Lab File: BG023538.D

Acq: 8 Aug 2016 17:33

Instrument :

BNA_G

ClientSampleId :

A4V12

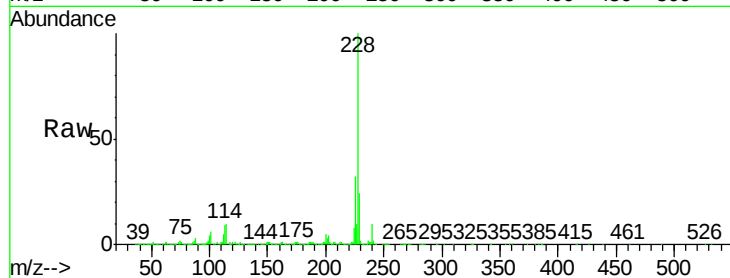
Tgt Ion:228 Resp: 2402613

Ion Ratio Lower Upper

228 100

229 24.3 15.4 23.2#

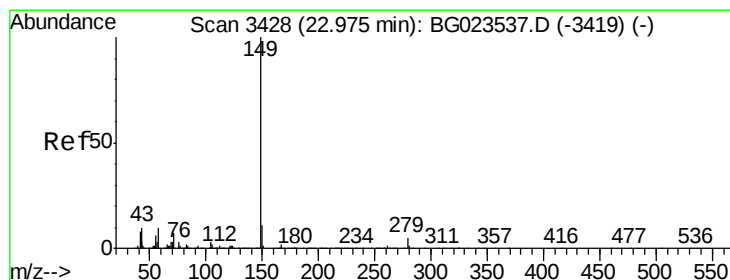
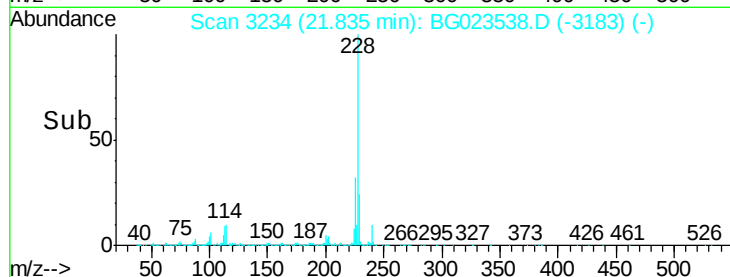
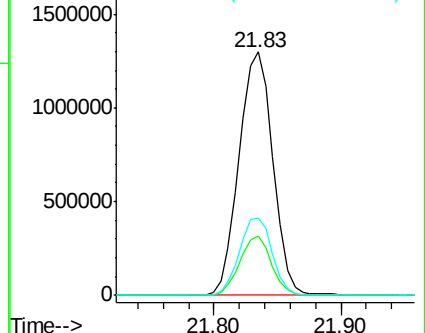
226 31.9 22.8 34.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#84

Di-n-octyl phthalate

Concen: 36.57 ng/ul

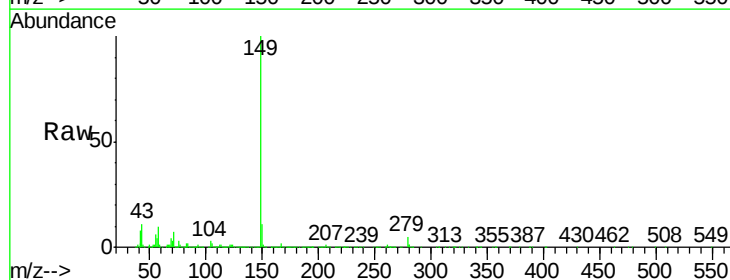
RT: 22.97 min Scan# 3428

Delta R.T. -0.00 min

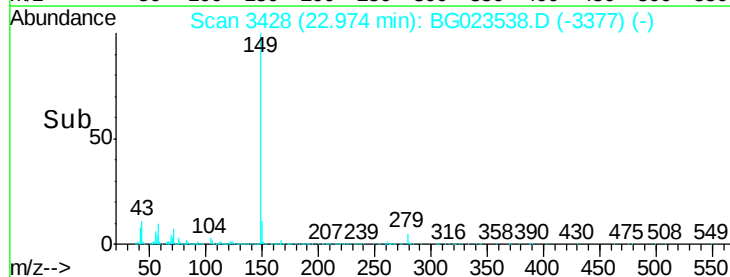
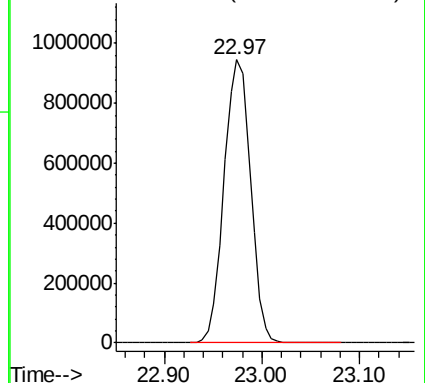
Lab File: BG023538.D

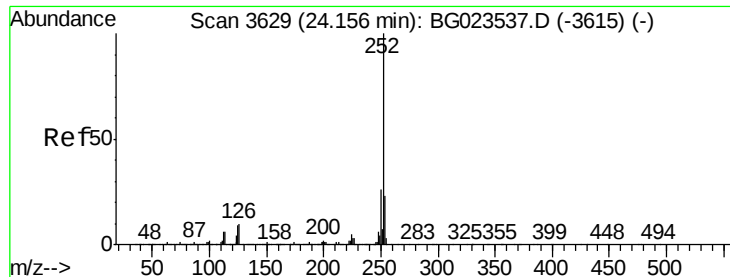
Acq: 8 Aug 2016 17:33

Tgt Ion:149 Resp: 1784302



Abundance Ion 149.00 (148.70 to 149.70): E





#85

Benzo(b)fluoranthene

Concen: 37.00 ng/ul

RT: 24.15 min Scan# 3629

Delta R.T. 0.00 min

Lab File: BG023538.D

Acq: 8 Aug 2016 17:33

Instrument :

BNA_G

ClientSampled :

A4V12

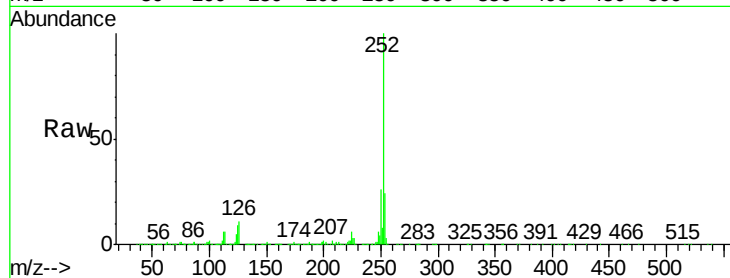
Tgt Ion:252 Resp: 2033040

Ion Ratio Lower Upper

252 100

253 23.8 18.2 27.2

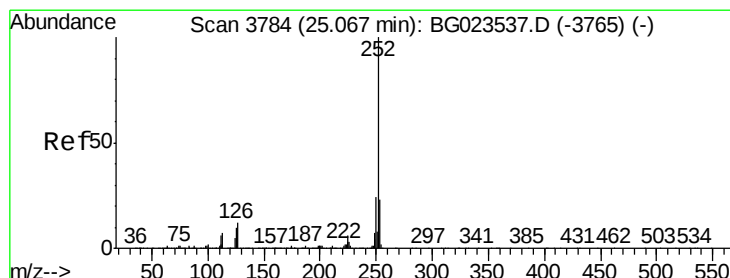
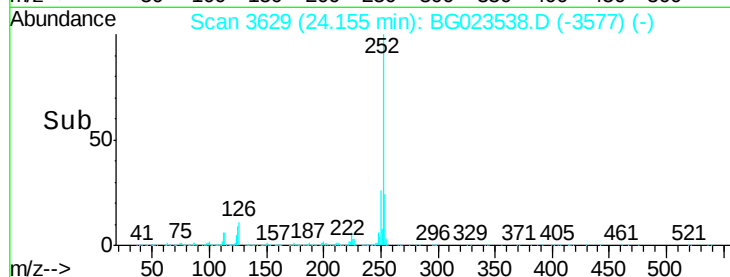
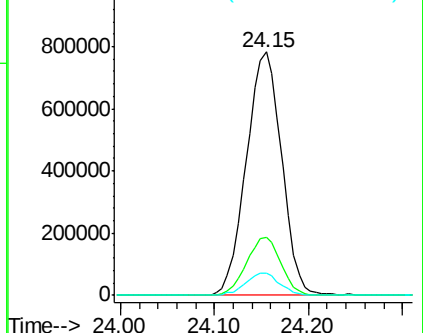
125 8.9 10.8 16.2#



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



#88

Benzo(a)pyrene

Concen: 23.10 ng/ul

RT: 25.07 min Scan# 3784

Delta R.T. -0.01 min

Lab File: BG023538.D

Acq: 8 Aug 2016 17:33

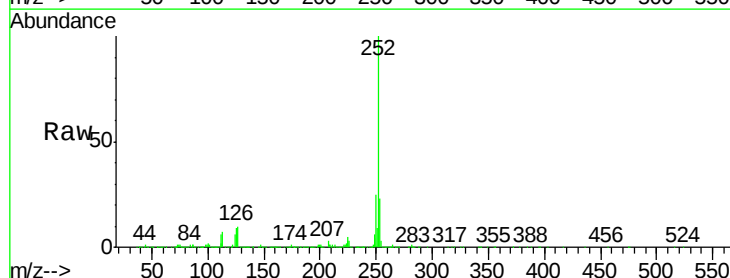
Tgt Ion:252 Resp: 1225495

Ion Ratio Lower Upper

252 100

253 23.5 19.0 28.4

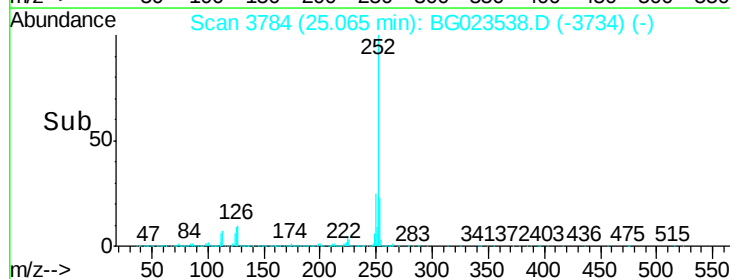
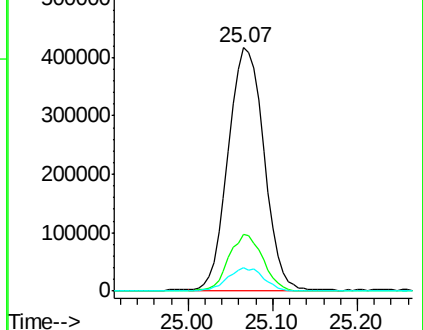
125 9.4 12.0 18.0#

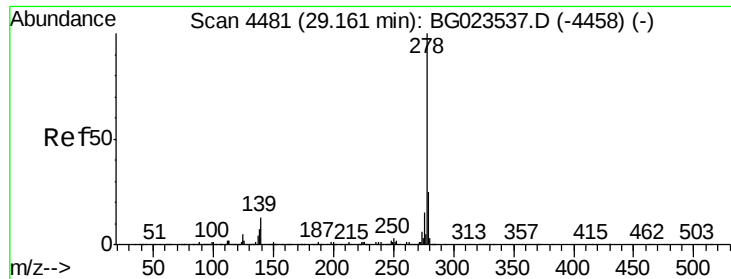


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

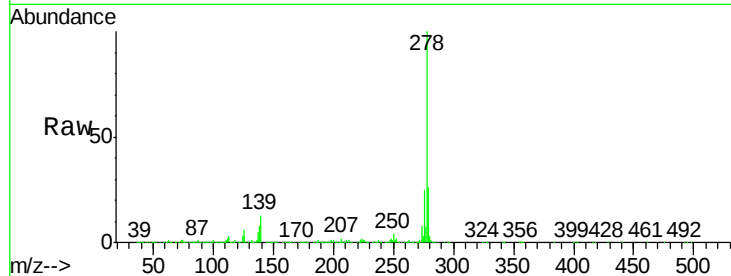




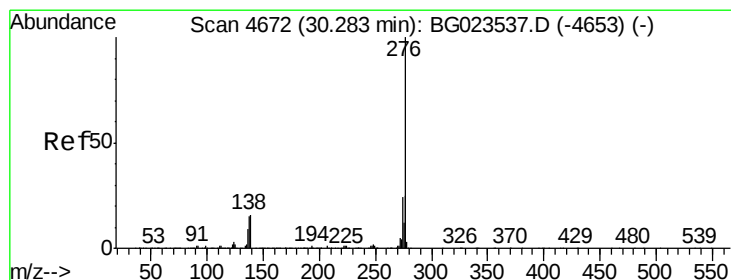
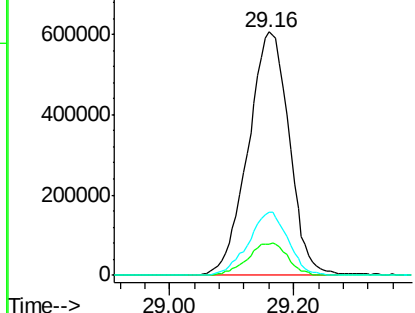
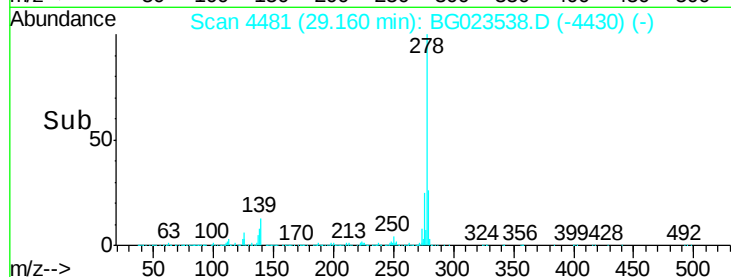
#90
 Dibenzo(a,h)anthracene
 Concen: 52.42 ng/ul
 RT: 29.16 min Scan# 4481
 Delta R.T. -0.00 min
 Lab File: BG023538.D
 Acq: 8 Aug 2016 17:33

Instrument :
 BNA_G
 ClientSampleId :
 A4V12

Tgt Ion:278 Resp: 2786763
 Ion Ratio Lower Upper
 278 100
 139 12.7 16.3 24.5#
 279 25.8 19.1 28.7

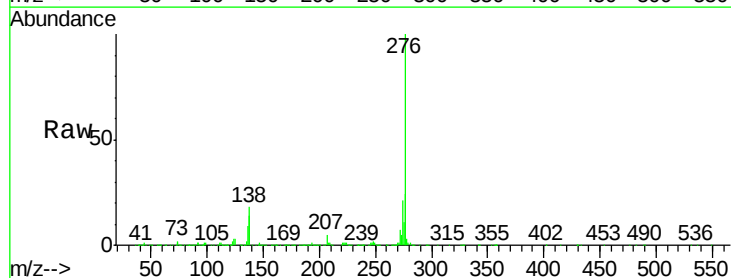


Abundance Ion 278.00 (277.70 to 278.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 279.00 (278.70 to 279.70): E



#91
 Benzo(g,h,i)perylene
 Concen: 28.31 ng/ul
 RT: 30.30 min Scan# 4675
 Delta R.T. 0.00 min
 Lab File: BG023538.D
 Acq: 8 Aug 2016 17:33

Tgt Ion:276 Resp: 1463160
 Ion Ratio Lower Upper
 276 100
 138 17.5 22.1 33.1#
 277 23.9 17.0 25.4



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

