

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080516\
 Data File : BG023503.D
 Acq On : 6 Aug 2016 1:08
 Operator : UM/SJ
 Sample : PB92533BL
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 06 01:56:58 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 30 04:23:18 2004
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	1937	20.00	ng/ul	0.02
18) Naphthalene-d8	10.97	136	12713	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.81	164	446	20.00	ng/ul	0.03
61) Phenanthrene-d10	17.59	188	131	20.00	ng/ul	0.04
75) Chrysene-d12	21.81	240	114	20.00	ng/ul	-0.05
83) Perylene-d12	25.17	264	209	20.00	ng/ul	-0.06

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	7.47	67	173	1.38	ng/ul	0.03
9) 2-Chlorophenol-d4	7.64	132	56	0.42	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	9.98	143	135	1.17	ng/ul	-0.05
26) 2,4-Dichlorophenol-d3	10.60	165	141	0.65	ng/ul	0.03
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
43) Dimethylphthalate-d6	14.23	166	104	2.85	ng/ul	0.05
46) Acenaphthylene-d8	14.51	160	267	6.50	ng/ul	0.03
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.84	176	156	4.62	ng/ul	0.07
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.60	188	85	14.40	ng/ul	-0.04
76) Pyrene-d10	19.75	212	139	24.09	ng/ul	-0.18
87) Benzo(a)pyrene-d12	24.97	264	296	31.29	ng/ul	-0.03

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.55	88	146	3.05	ng/uL#	30
4) Benzaldehyde	7.10	77	207	1.74	ng/ul#	1
8) Bis(2-Chloroethyl)ether	7.54	93	149	1.01	ng/ul#	23
10) 2-Chlorophenol	7.51	128	213	1.57	ng/ul#	36
12) 2,2'-oxybis(1-Chloropropan	8.68	45	227	1.12	ng/ul#	1
17) Hexachloroethane	9.18	117	82	1.40	ng/ul#	63
37) Hexachlorocyclopentadiene	13.22	237	63	8.32	ng/ul#	27
40) 1,1'-Biphenyl	13.55	154	62	1.89	ng/ul#	41
44) Dimethylphthalate	14.16	163	113	3.13	ng/ul#	75
45) 2,6-Dinitrotoluene	14.12	165	60	7.65	ng/ul#	34
47) Acenaphthylene	14.60	152	172	4.00	ng/ul#	59
48) 3-Nitroaniline	14.82	138	136	18.45	ng/ul#	6
52) 4-Nitrophenol	15.02	109	70	11.21	ng/ul#	1
54) 2,4-Dinitrotoluene	15.37	165	81	6.82	ng/ul#	46
56) Diethylphthalate	15.83	149	59	1.56	ng/ul#	59
58) Fluorene	15.87	166	72	1.99	ng/ul#	8
59) 4-Chlorophenyl-phenylether	15.86	204	53	2.91	ng/ul#	28
60) 4-Nitroaniline	15.66	138	56	6.55	ng/ul#	24
64) N-Nitrosodiphenylamine	16.33	169	123	33.60	ng/ul#	21
68) Pentachlorophenol	17.01	266	221	250.28	ng/ul#	14
69) Phenanthrene	17.73	178	56	8.25	ng/ul#	59
71) Anthracene	17.73	178	56	8.09	ng/ul#	59
72) Carbazole	18.08	167	98	17.57	ng/ul#	57

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

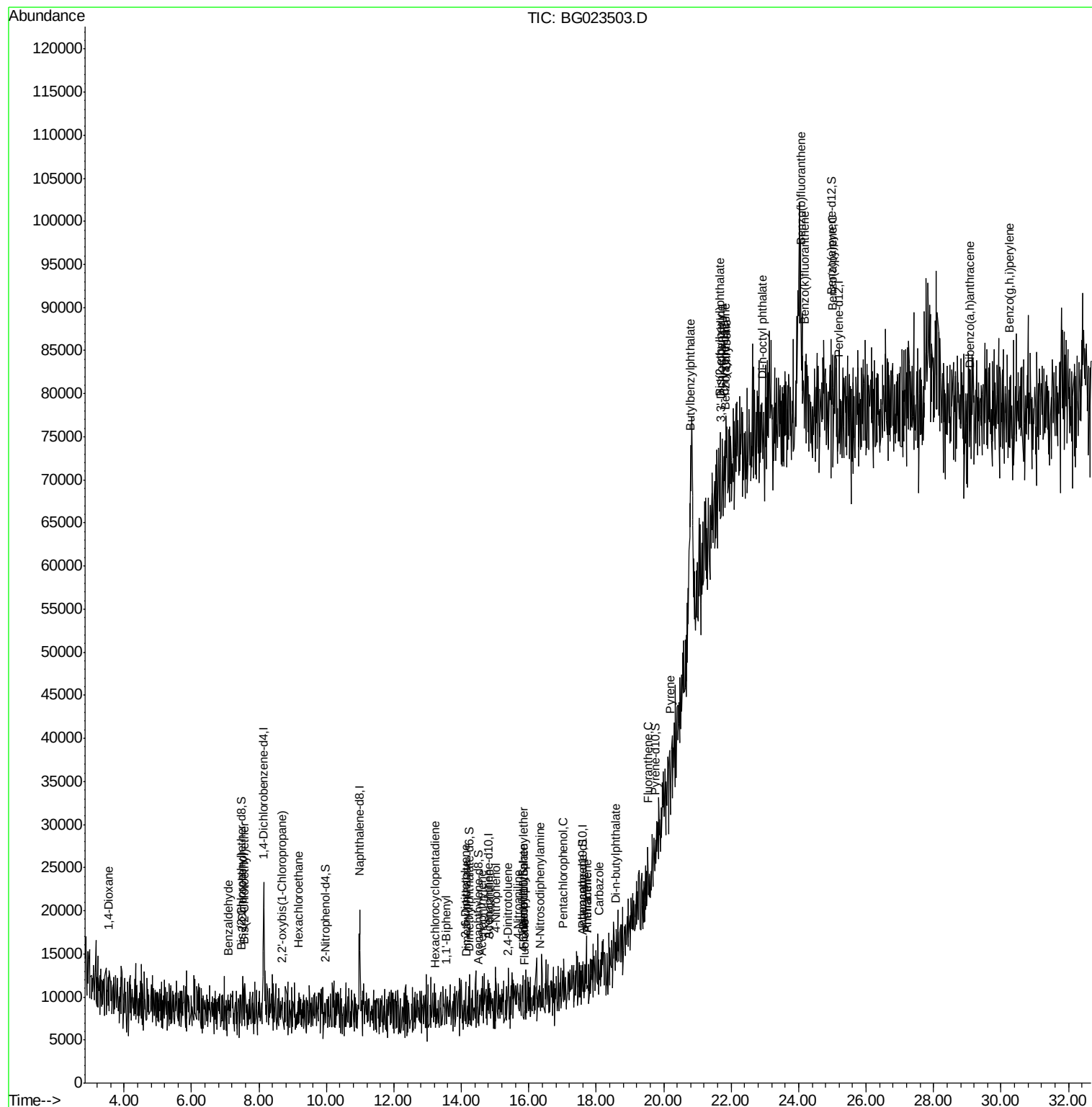
73) Di-n-butylphthalate	18.58	149	222	31.77	ng/ul#	79
74) Fluoranthene	19.52	202	163	23.47	ng/ul#	69
77) Pyrene	20.19	202	145	20.57	ng/ul#	65
78) Butylbenzylphthalate	20.78	149	466	172.40	ng/ul#	64
79) 3,3'-Dichlorobenzidine	21.70	252	292	145.37	ng/ul#	26
80) Benzo(a)anthracene	21.84	228	67	10.44	ng/ul#	1
81) Bis(2-ethylhexyl)phthalate	21.68	149	690	191.97	ng/ul#	52
82) Chrysene	21.85	228	88	15.07	ng/ul#	50
84) Di-n-octyl phthalate	22.92	149	160	15.16	ng/ul	100
85) Benzo(b)fluoranthene	24.06	252	146	12.28	ng/ul#	1
86) Benzo(k)fluoranthene	24.18	252	241	20.59	ng/ul#	1
88) Benzo(a)pyrene	25.00	252	342	29.80	ng/ul#	60
90) Dibenzo(a,h)anthracene	29.07	278	163	14.17	ng/ul#	54
91) Benzo(q,h,i)perylene	30.26	276	199	17.80	ng/ul#	39

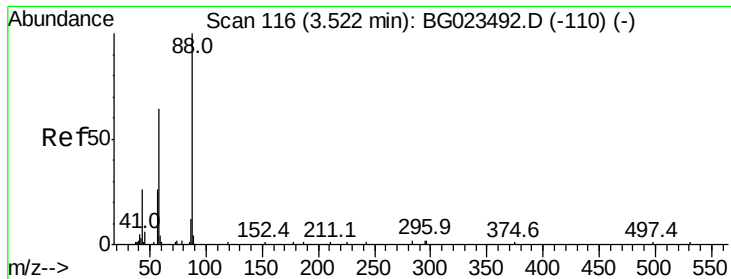
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 3.05 ng/uL

RT: 3.55 min Scan# 122

Delta R.T. 0.03 min

Lab File: BG023503.D

Acq: 6 Aug 2016 1:08

Instrument :

BNA_G

ClientSampled :

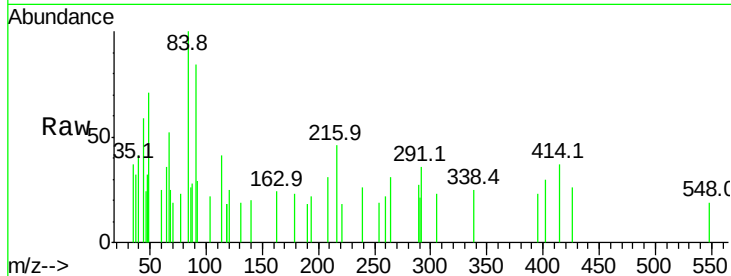
Tot Ion: 88 Resp: 146

Ion Ratio Lower Upper

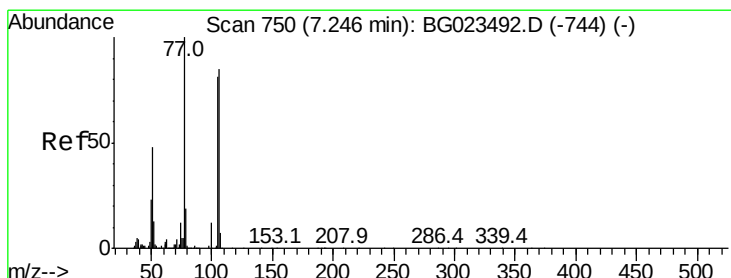
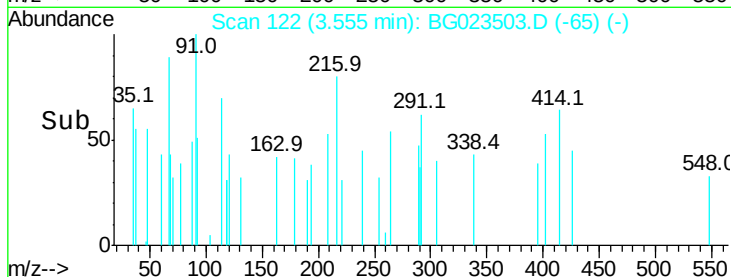
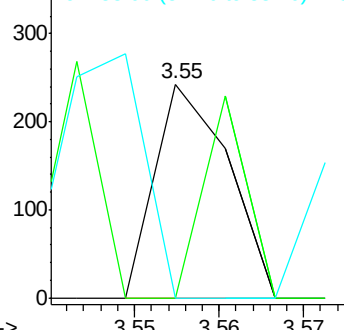
88 100

43 0.0 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: 1.74 ng/uL

RT: 7.10 min Scan# 726

Delta R.T. -0.14 min

Lab File: BG023503.D

Acq: 6 Aug 2016 1:08

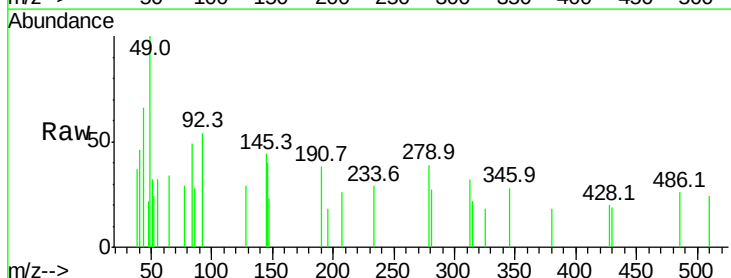
Tgt Ion: 77 Resp: 207

Ion Ratio Lower Upper

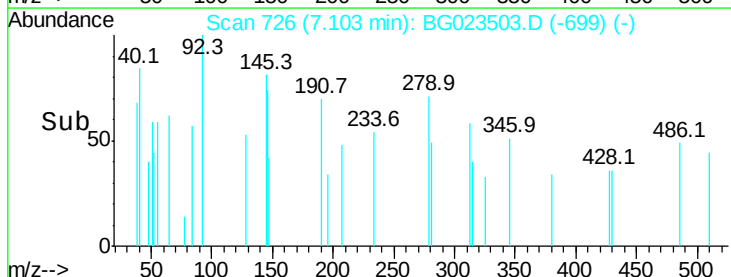
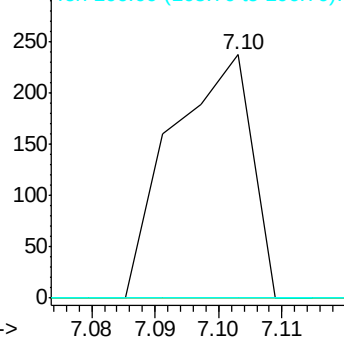
77 100

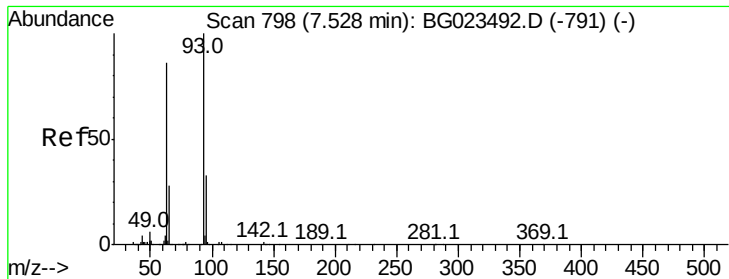
105 0.0 83.8 125.8#

106 0.0 77.9 116.9#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC





#8

Bis(2-Chloroethyl)ether

Concen: 1.01 ng/ul

RT: 7.54 min Scan# 801

Delta R.T. 0.02 min

Lab File: BG023503.D

Acq: 6 Aug 2016 1:08

Instrument :

BNA_G

ClientSampleId :

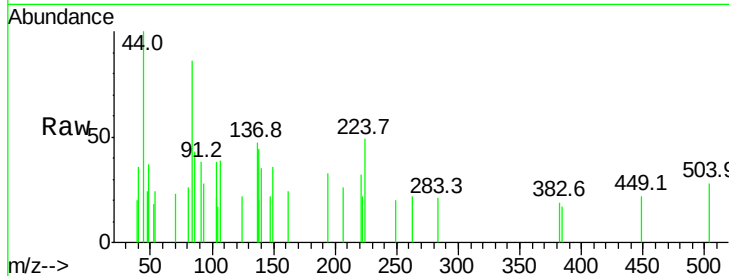
Tot Ion: 93 Resp: 149

Ion Ratio Lower Upper

93 100

63 0.0 56.0 84.0#

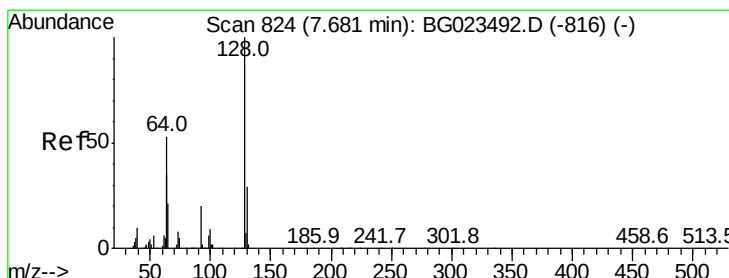
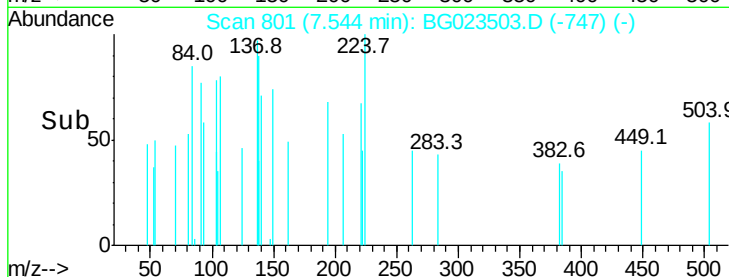
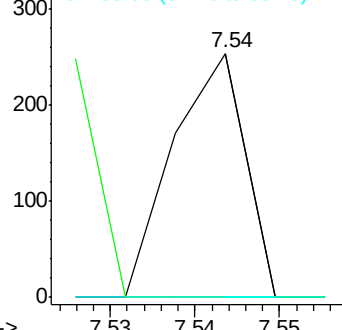
95 0.0 27.7 41.5#



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#10

2-Chlorophenol

Concen: 1.57 ng/ul

RT: 7.51 min Scan# 796

Delta R.T. -0.17 min

Lab File: BG023503.D

Acq: 6 Aug 2016 1:08

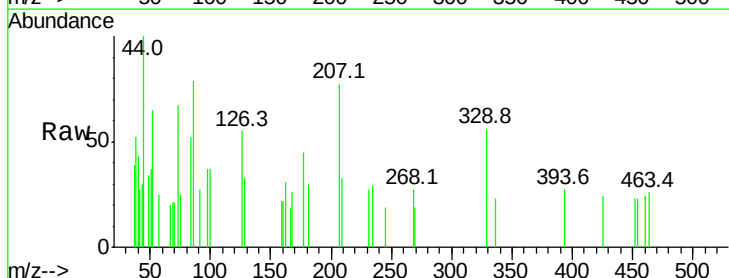
Tgt Ion: 128 Resp: 213

Ion Ratio Lower Upper

128 100

64 0.0 34.2 51.4#

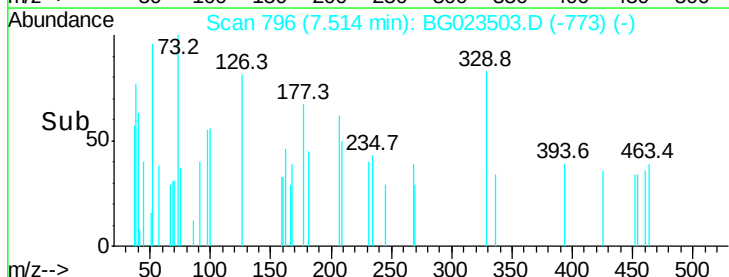
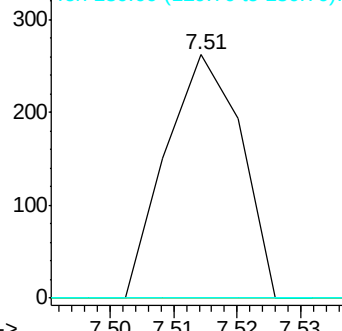
130 0.0 27.0 40.4#

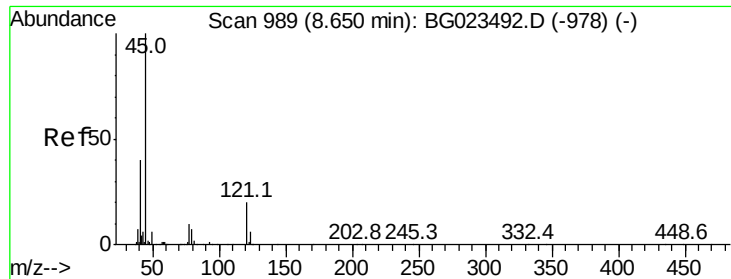


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 130.00 (129.70 to 130.70): E

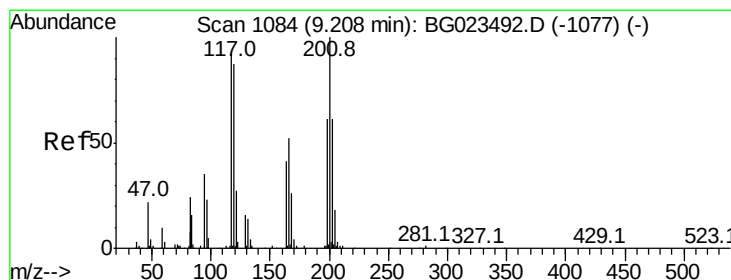
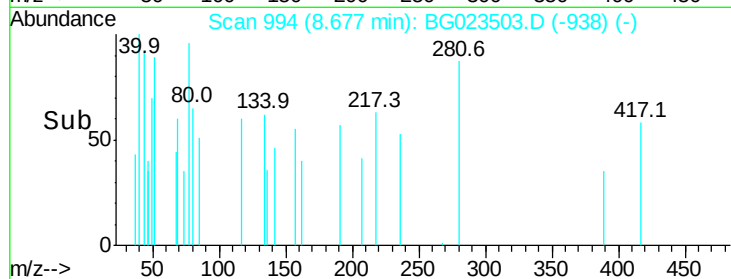
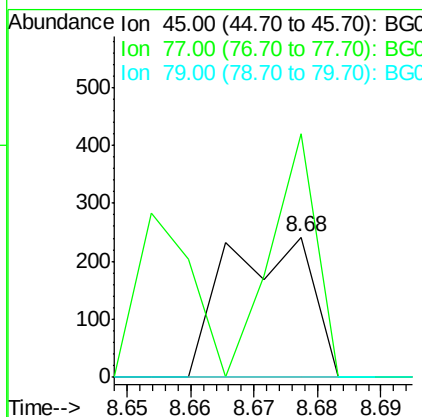
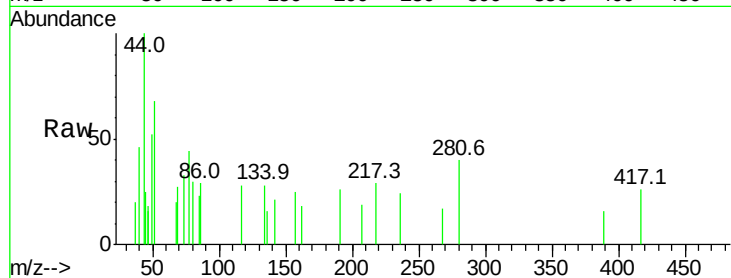




#12
2,2'-oxvbis(1-Chloropropane)
Concen: 1.12 ng/ul
RT: 8.68 min Scan# 994
Delta R.T. 0.03 min
Lab File: BG023503.D
Acq: 6 Aug 2016 1:08

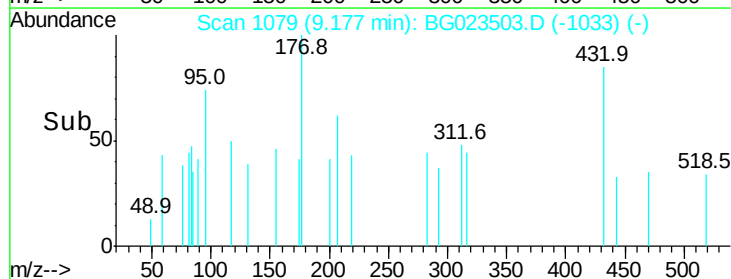
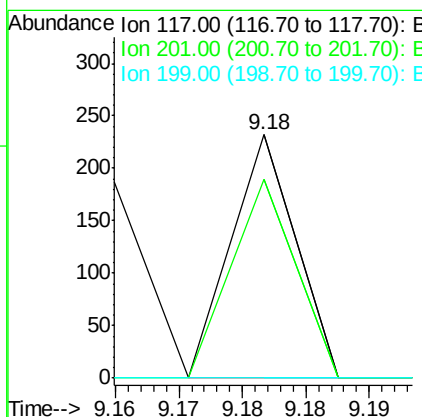
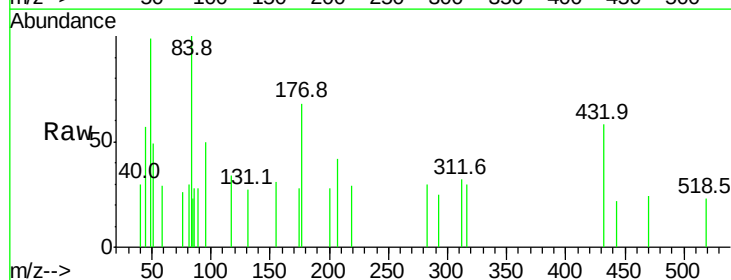
Instrument :
BNA_G
ClientSampled :

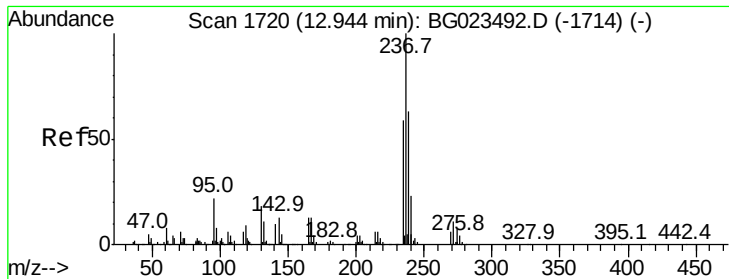
Tot Ion: 45 Resp: 227
Ion Ratio Lower Upper
45 100
77 173.6 13.4 20.2#
79 0.0 10.2 15.4#



#17
Hexachloroethane
Concen: 1.40 ng/ul
RT: 9.18 min Scan# 1079
Delta R.T. -0.03 min
Lab File: BG023503.D
Acq: 6 Aug 2016 1:08

Tgt Ion: 117 Resp: 82
Ion Ratio Lower Upper
117 100
201 81.5 76.8 115.2
199 0.0 43.5 65.3#





#37

Hexachlorocyclopentadiene

Concen: 8.32 ng/ul

RT: 13.22 min Scan# 1767

Delta R.T. 0.27 min

Lab File: BG023503.D

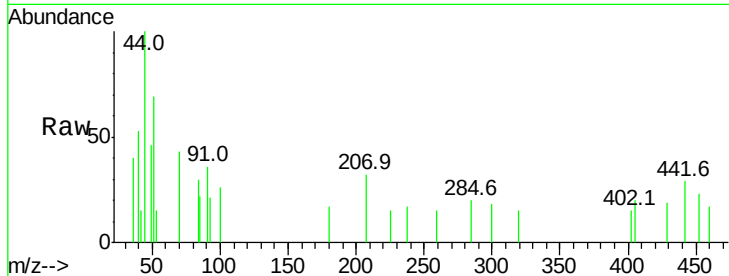
Acq: 6 Aug 2016 1:08

Instrument :

BNA_G

ClientSampled :

Tot Ion:	237	Resp:	63
Ion	Ratio	Lower	Upper
237	100		
235	0.0	49.6	74.4#
272	0.0	9.3	13.9#



Abundance Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E

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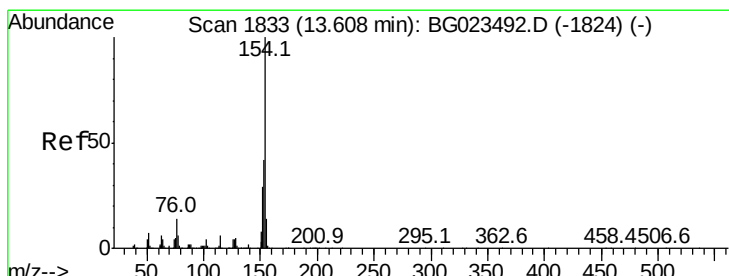
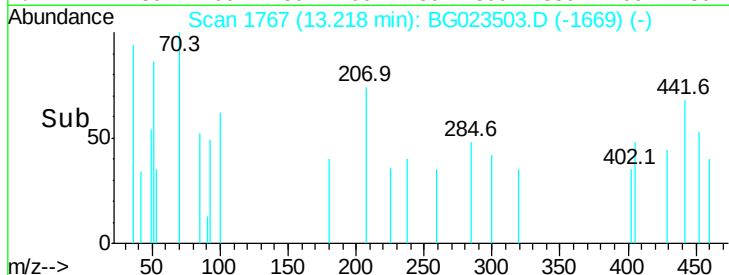
13.22

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#40

1,1'-Biphenyl

Concen: 1.89 ng/ul

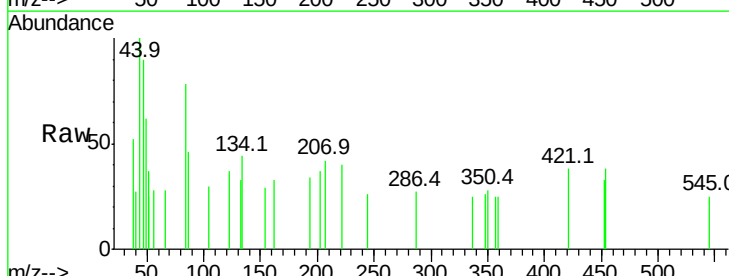
RT: 13.55 min Scan# 1824

Delta R.T. -0.06 min

Lab File: BG023503.D

Acq: 6 Aug 2016 1:08

Tgt Ion:	154	Resp:	62
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): BG

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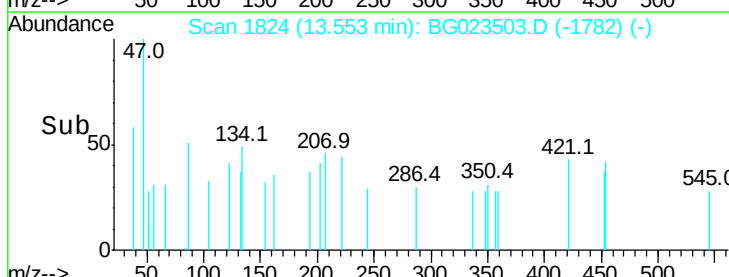
13.55

13.55

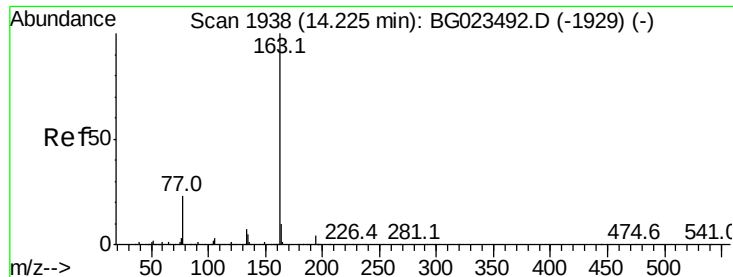
13.55

13.55

13.55



Time-->



#44

Dimethylphthalate

Concen: 3.13 ng/ul

RT: 14.16 min Scan# 1927

Delta R.T. -0.07 min

Lab File: BG023503.D

Acq: 6 Aug 2016 1:08

Instrument :

BNA_G

ClientSampleId :

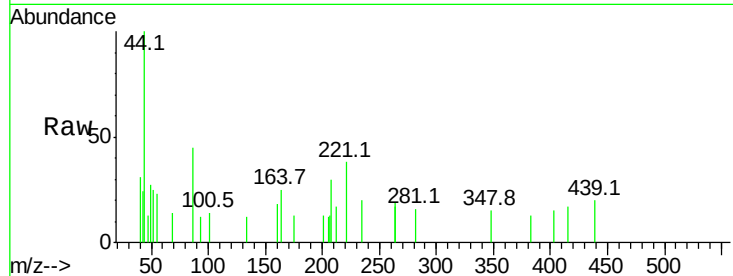
Tot Ion:163 Resp: 113

Ion Ratio Lower Upper

163 100

194 0.0 3.4 5.2#

164 0.0 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

14.16

300

200

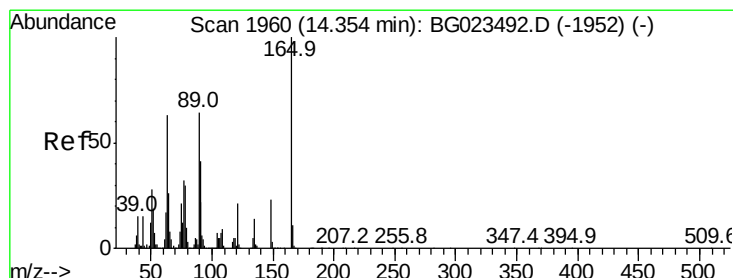
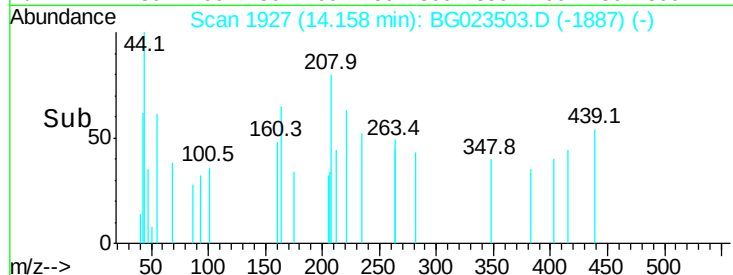
100

0

14.15

14.16

Time-->



#45

2,6-Dinitrotoluene

Concen: 7.65 ng/ul

RT: 14.12 min Scan# 1921

Delta R.T. -0.23 min

Lab File: BG023503.D

Acq: 6 Aug 2016 1:08

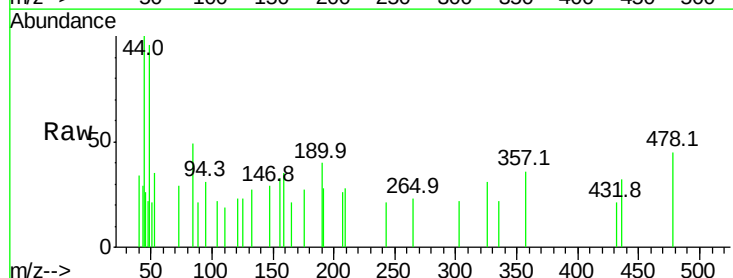
Tgt Ion:165 Resp: 60

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): BG0

Ion 121.00 (120.70 to 121.70): E

14.12

200

150

100

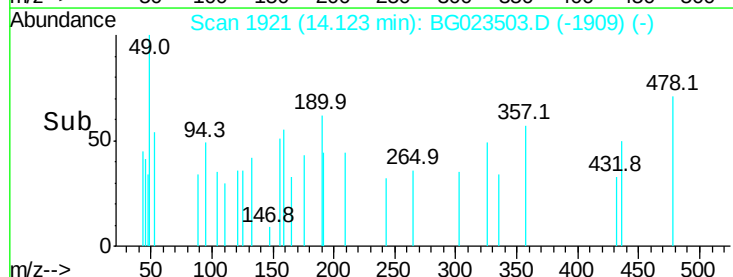
50

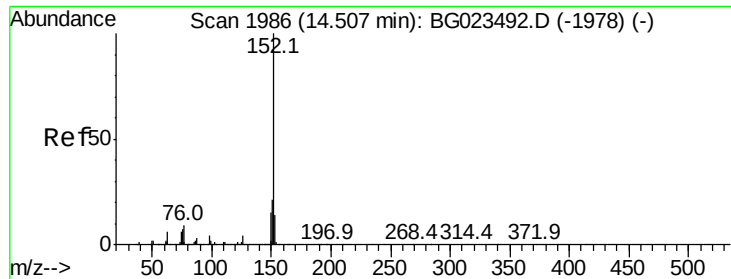
0

14.12

14.13

Time-->





#47

Acenaphthylene

Concen: 4.00 ng/ul

RT: 14.60 min Scan# 2003

Delta R.T. 0.10 min

Lab File: BG023503.D

Acq: 6 Aug 2016 1:08

Instrument :

BNA_G

ClientSampled :

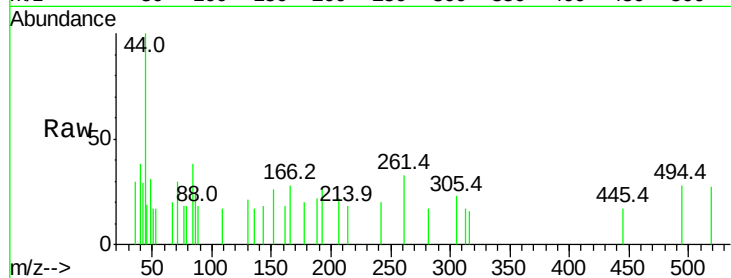
Tot Ion:152 Resp: 172

Ion Ratio Lower Upper

152 100

151 0.0 17.5 26.3#

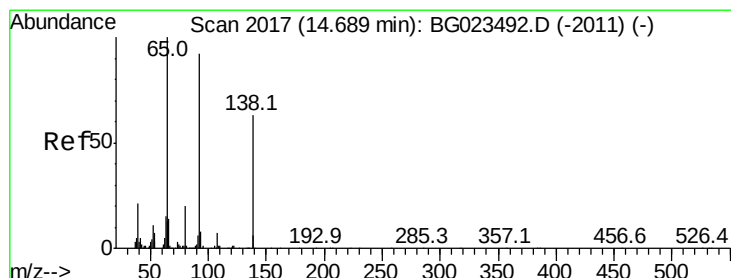
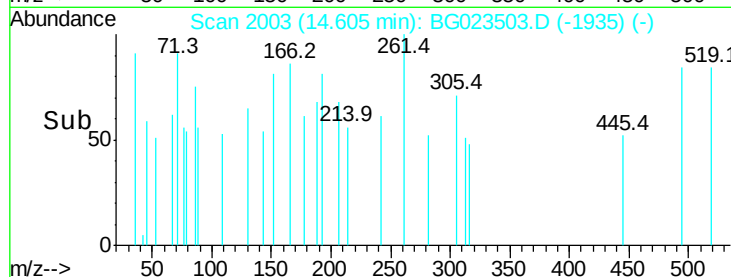
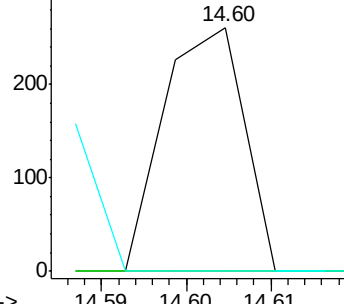
153 0.0 11.1 16.7#



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: 18.45 ng/ul

RT: 14.82 min Scan# 2039

Delta R.T. 0.13 min

Lab File: BG023503.D

Acq: 6 Aug 2016 1:08

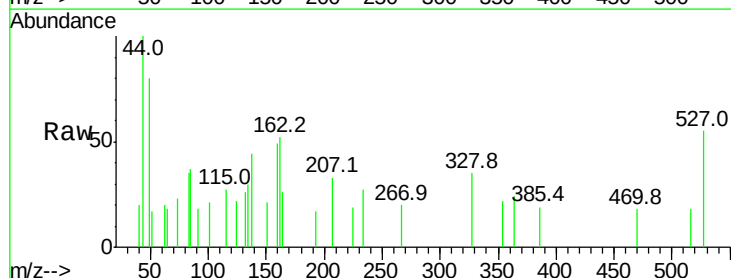
Tgt Ion:138 Resp: 136

Ion Ratio Lower Upper

138 100

108 0.0 6.2 9.2#

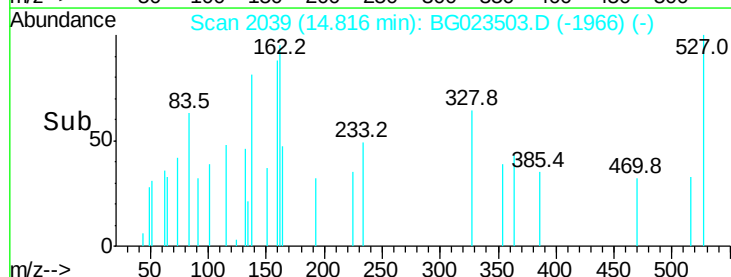
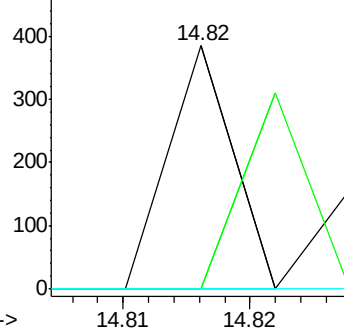
92 0.0 79.3 118.9#

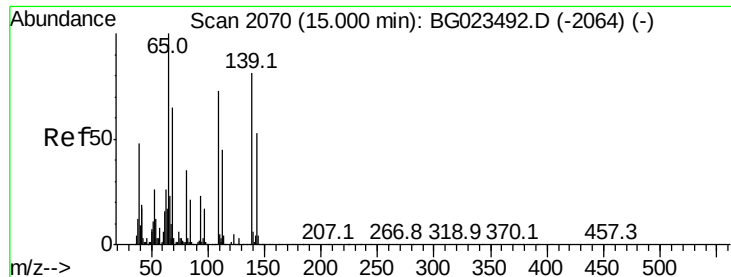


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#52

4-Nitrophenol

Concen: 11.21 ng/ul

RT: 15.02 min Scan# 2074

Delta R.T. 0.02 min

Lab File: BG023503.D

Acq: 6 Aug 2016 1:08

Instrument :

BNA_G

ClientSampleId :

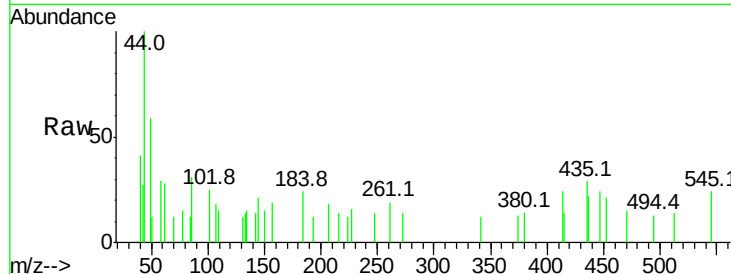
Tot Ion:109 Resp: 70

Ion Ratio Lower Upper

109 100

139 0.0 136.1 204.1#

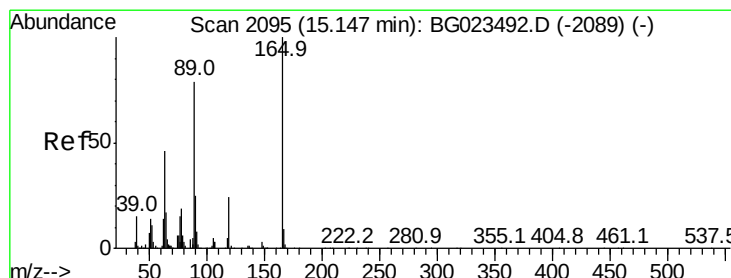
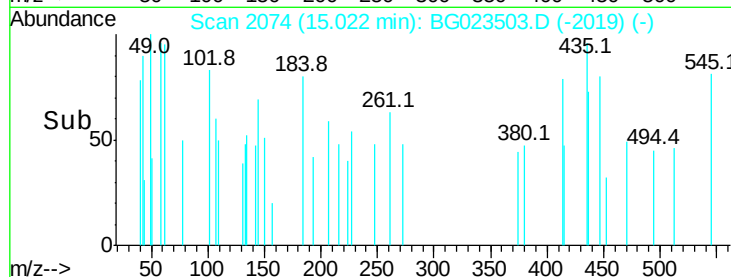
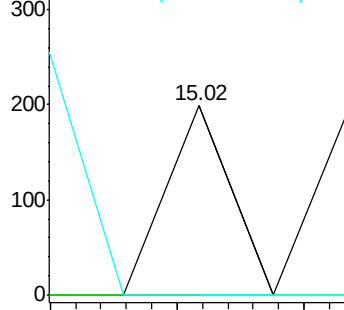
65 0.0 106.0 159.0#



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



#54

2,4-Dinitrotoluene

Concen: 6.82 ng/ul

RT: 15.37 min Scan# 2133

Delta R.T. 0.22 min

Lab File: BG023503.D

Acq: 6 Aug 2016 1:08

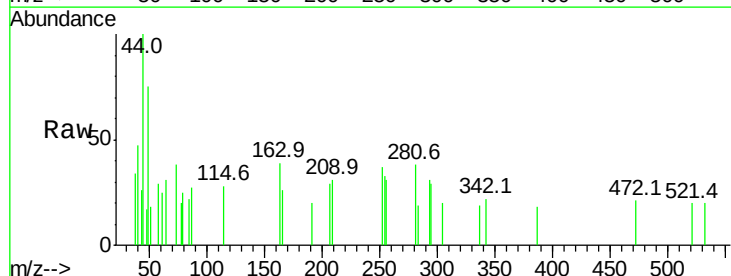
Tgt Ion:165 Resp: 81

Ion Ratio Lower Upper

165 100

63 0.0 25.7 38.5#

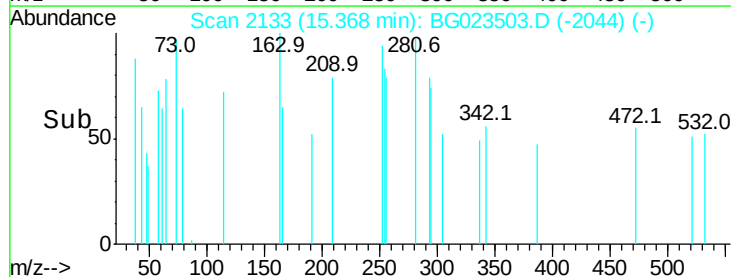
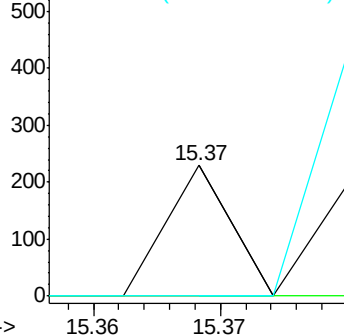
182 0.0 2.1 3.1#

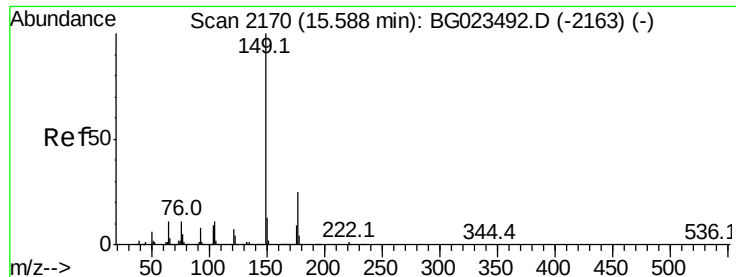


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 182.00 (181.70 to 182.70): E





#56

Diethylphthalate

Concen: 1.56 ng/ul

RT: 15.83 min Scan# 2211

Delta R.T. 0.24 min

Lab File: BG023503.D

Acq: 6 Aug 2016 1:08

Instrument :

BNA_G

ClientSampled :

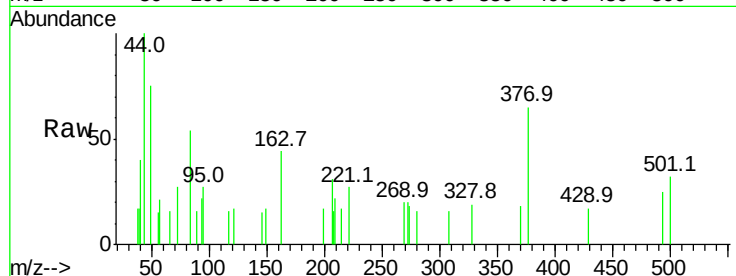
Tot Ion:149 Resp: 59

Ion Ratio Lower Upper

149 100

177 0.0 17.4 26.2#

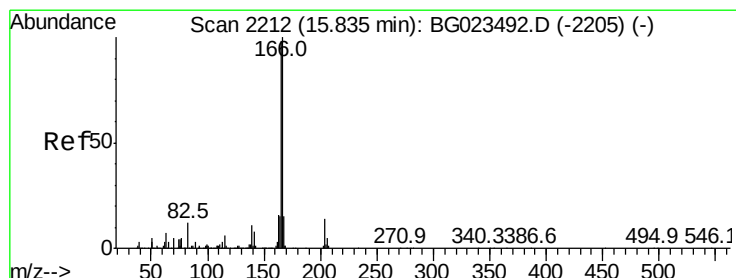
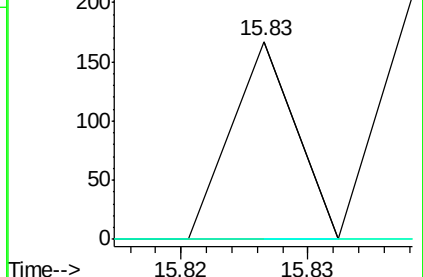
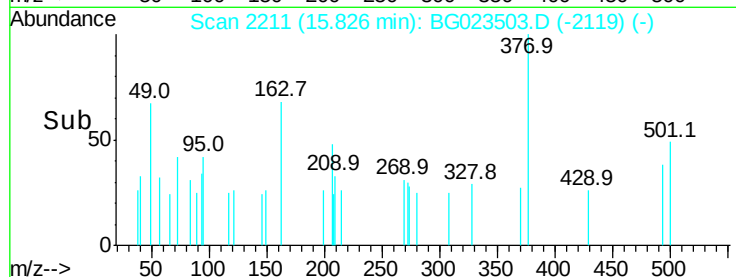
150 0.0 9.6 14.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#58

Fluorene

Concen: 1.99 ng/ul

RT: 15.87 min Scan# 2219

Delta R.T. 0.04 min

Lab File: BG023503.D

Acq: 6 Aug 2016 1:08

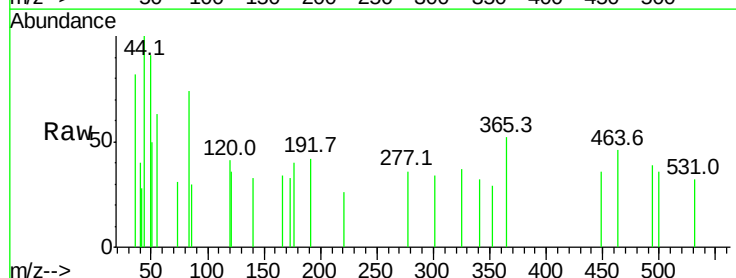
Tgt Ion:166 Resp: 72

Ion Ratio Lower Upper

166 100

165 0.0 80.3 120.5#

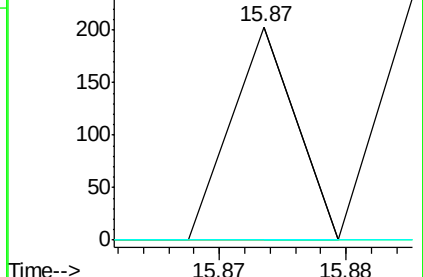
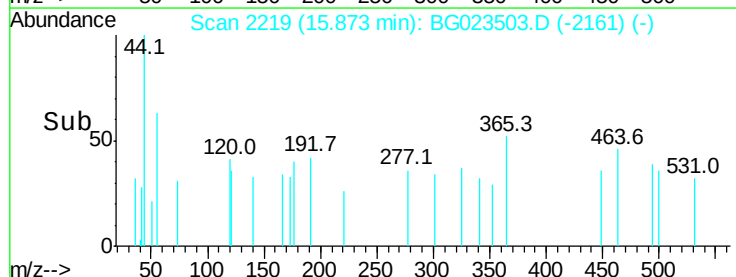
167 0.0 10.3 15.5#

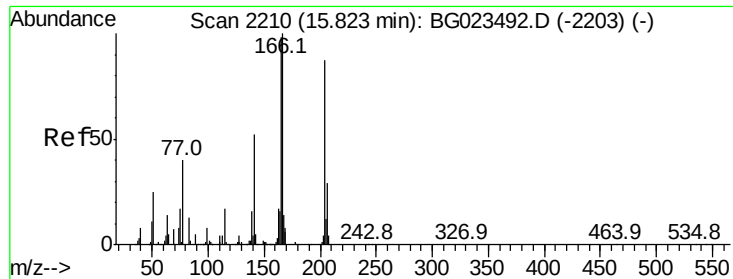


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

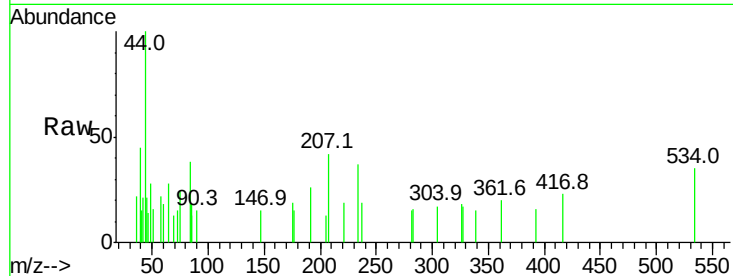




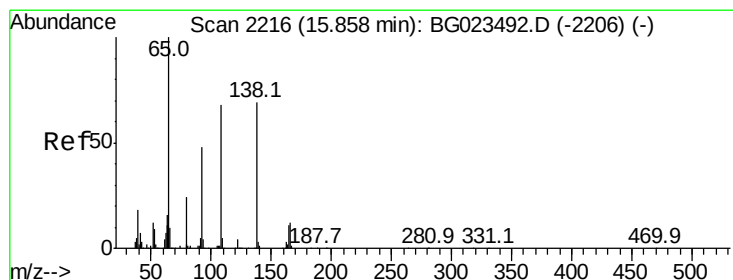
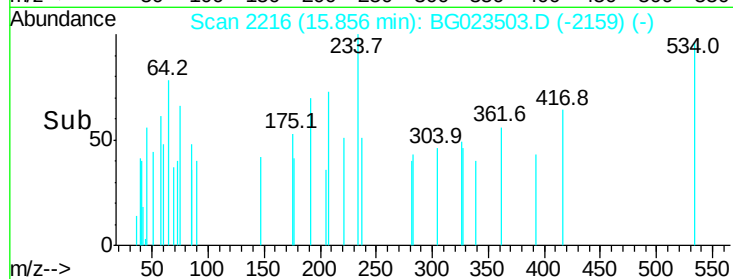
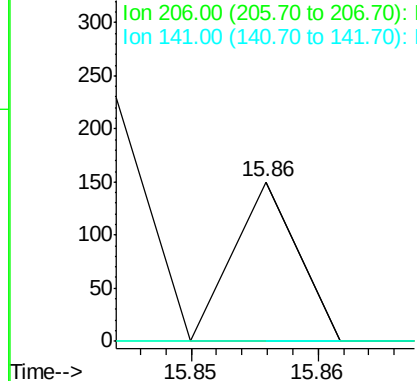
#59
 4-Chlorophenyl-phenylether
 Concen: 2.91 ng/ul
 RT: 15.86 min Scan# 2216
 Delta R.T. 0.03 min
 Lab File: BG023503.D
 Acq: 6 Aug 2016 1:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	0.0	27.4	41.2#
141	0.0	47.1	70.7#

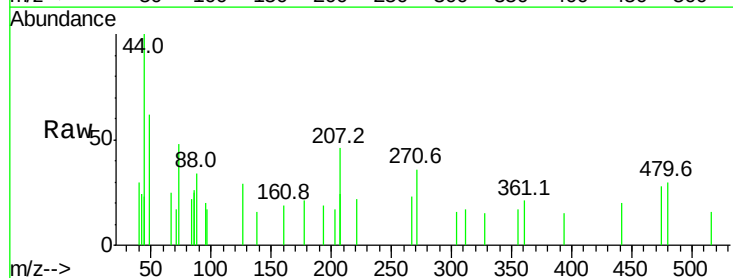


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

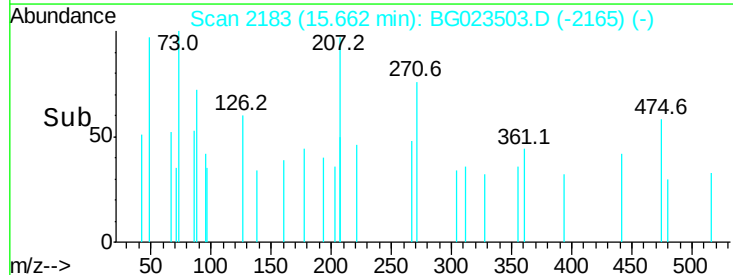
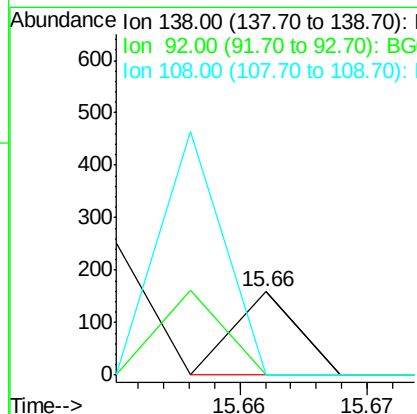


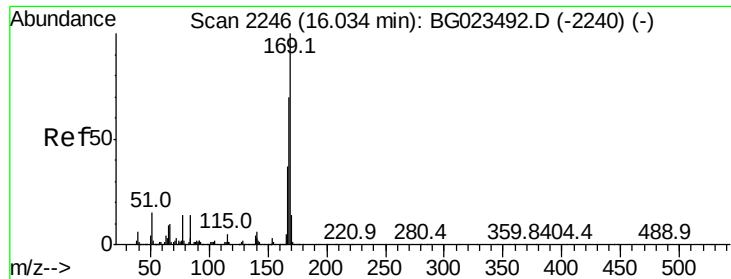
#60
 4-Nitroaniline
 Concen: 6.55 ng/ul
 RT: 15.66 min Scan# 2183
 Delta R.T. -0.20 min
 Lab File: BG023503.D
 Acq: 6 Aug 2016 1:08

Tgt Ion	Ratio	Lower	Upper
138	100		
92	0.0	39.0	58.4#
108	0.0	49.2	73.8#



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





#64

N-Nitrosodiphenylamine

Concen: 33.60 ng/ul

RT: 16.33 min Scan# 2297

Delta R.T. 0.30 min

Lab File: BG023503.D

Acq: 6 Aug 2016 1:08

Instrument :

BNA_G

ClientSampleId :

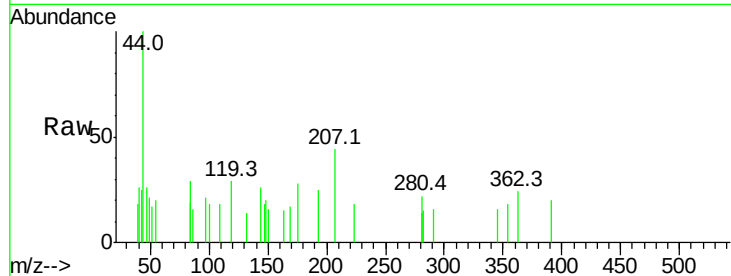
Tot Ion:169 Resp: 123

Ion Ratio Lower Upper

169 100

168 0.0 59.0 88.6#

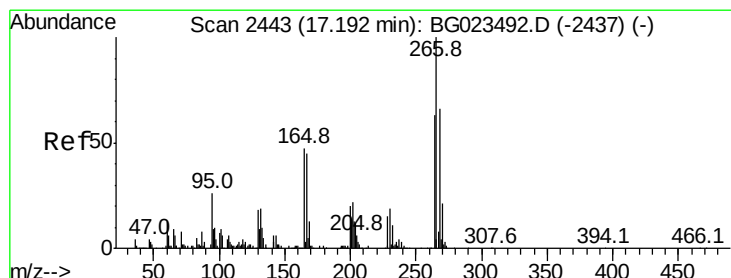
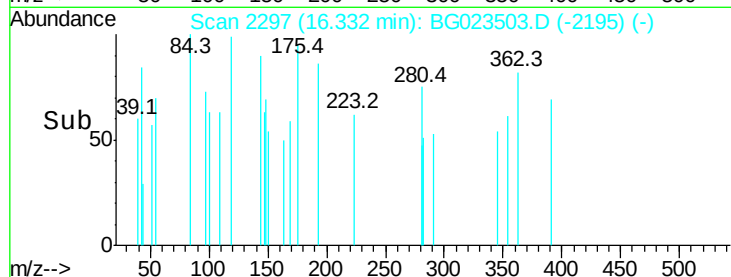
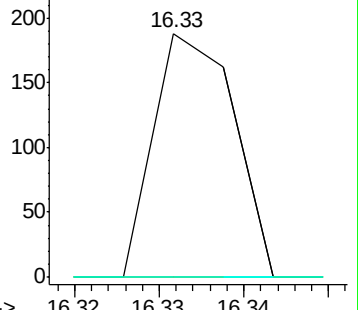
167 0.0 30.6 46.0#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#68

Pentachlorophenol

Concen: 250.28 ng/ul

RT: 17.01 min Scan# 2413

Delta R.T. -0.18 min

Lab File: BG023503.D

Acq: 6 Aug 2016 1:08

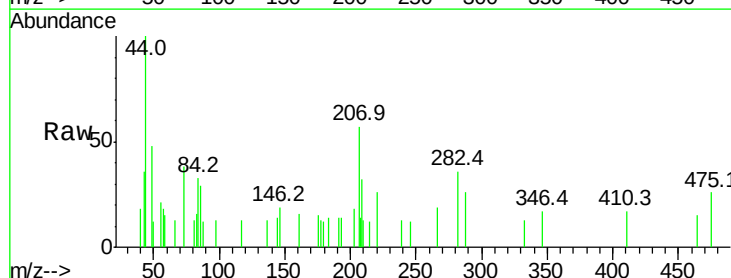
Tgt Ion:266 Resp: 221

Ion Ratio Lower Upper

266 100

264 0.0 54.7 82.1#

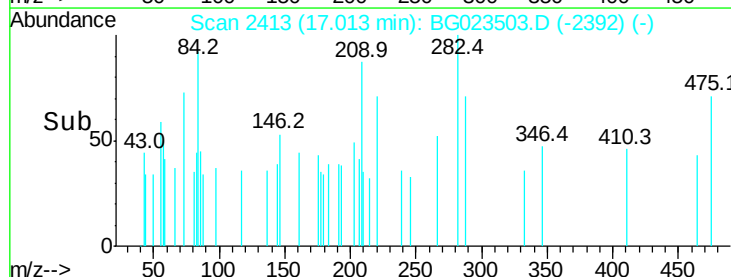
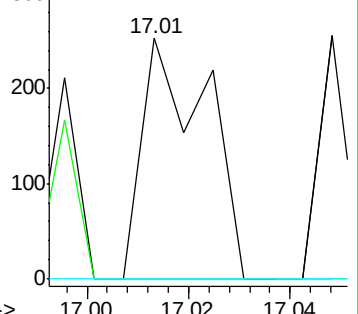
268 0.0 57.8 86.8#

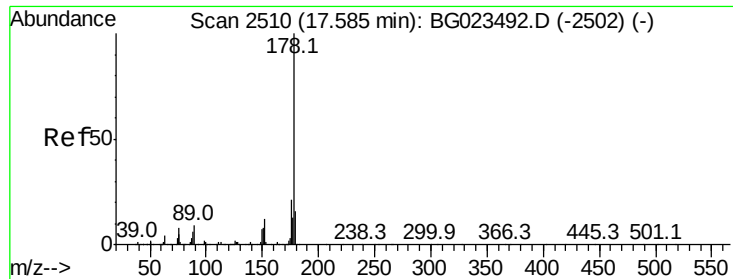


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#69

Phenanthrene

Concen: 8.25 ng/ul

RT: 17.73 min Scan# 2535

Delta R.T. 0.14 min

Lab File: BG023503.D

Acq: 6 Aug 2016 1:08

Instrument :

BNA_G

ClientSampled :

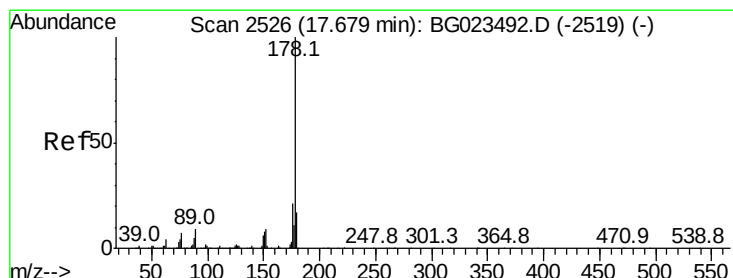
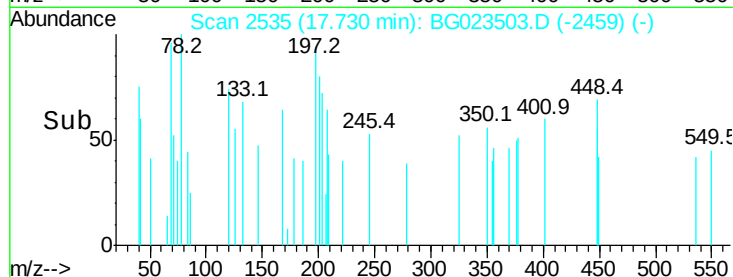
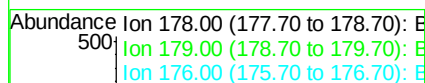
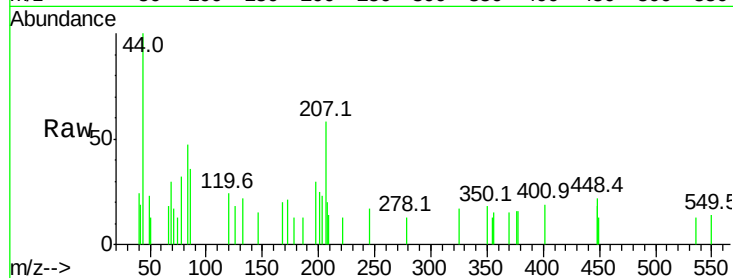
Tot Ion:178 Resp: 56

Ion Ratio Lower Upper

178 100

179 0.0 12.9 19.3#

176 0.0 15.8 23.8#



#71

Anthracene

Concen: 8.09 ng/ul

RT: 17.73 min Scan# 2535

Delta R.T. 0.05 min

Lab File: BG023503.D

Acq: 6 Aug 2016 1:08

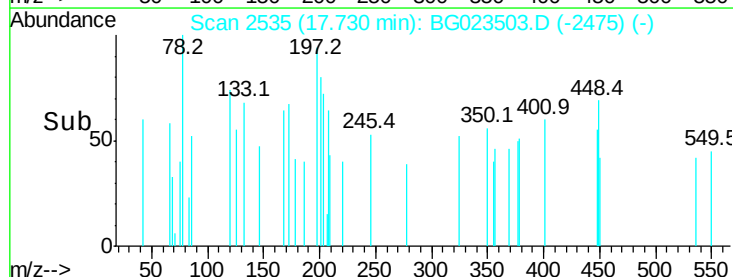
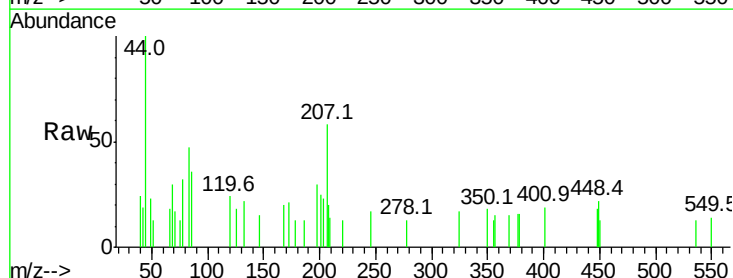
Tgt Ion:178 Resp: 56

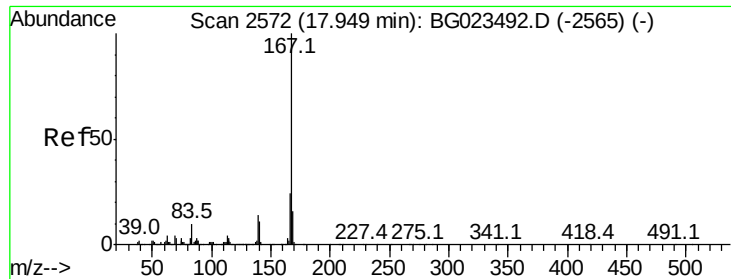
Ion Ratio Lower Upper

178 100

179 0.0 12.3 18.5#

176 0.0 16.3 24.5#

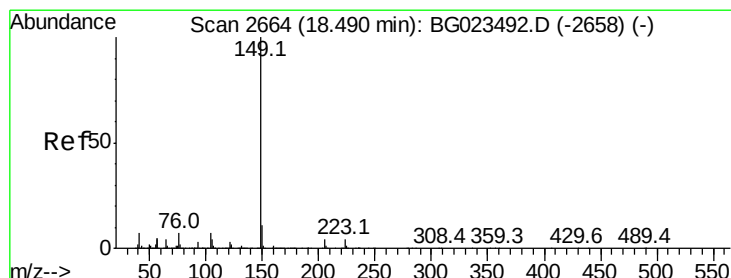
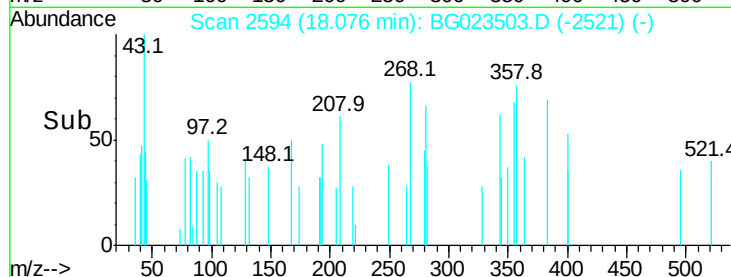
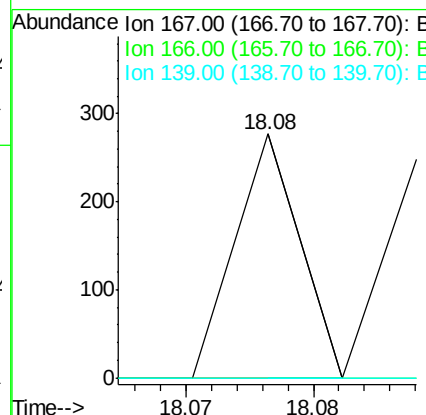
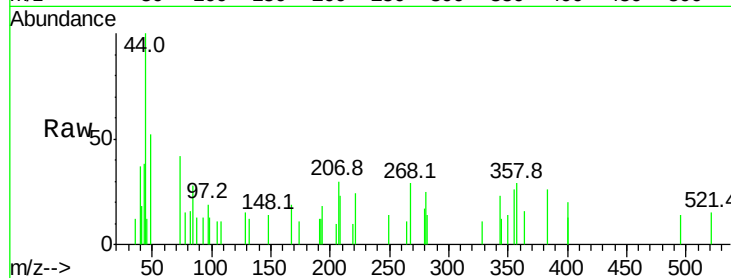




#72
 Carbazole
 Concen: 17.57 ng/ul
 RT: 18.08 min Scan# 2594
 Delta R.T. 0.13 min
 Lab File: BG023503.D
 Acq: 6 Aug 2016 1:08

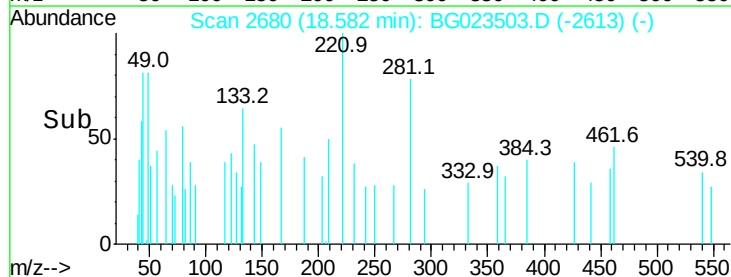
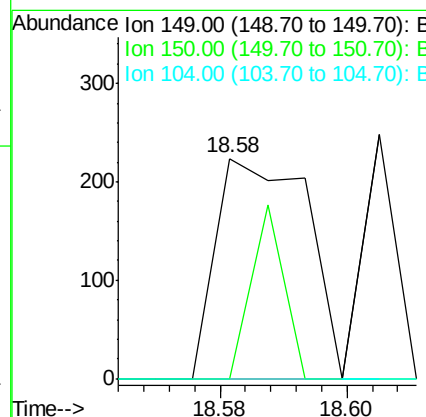
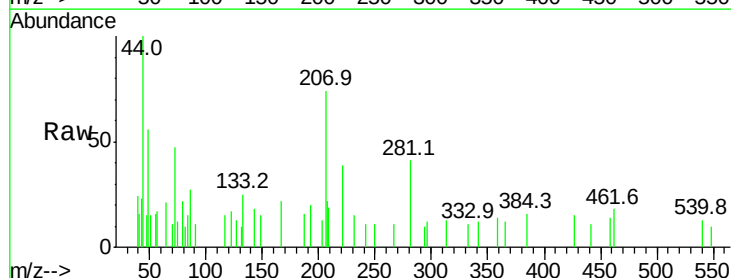
Instrument :
 BNA_G
 ClientSampleId :

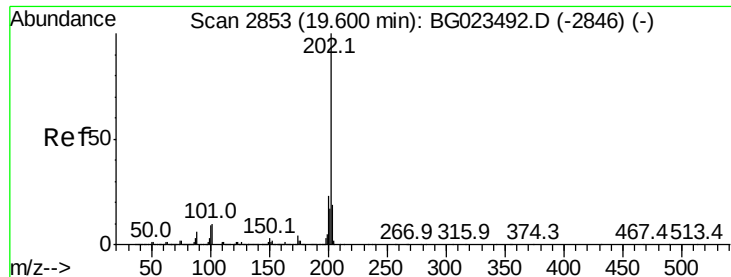
Tot Ion:167 Resp: 98
 Ion Ratio Lower Upper
 167 100
 166 0.0 19.2 28.8#
 139 0.0 10.2 15.4#



#73
 Di-n-butylphthalate
 Concen: 31.77 ng/ul
 RT: 18.58 min Scan# 2680
 Delta R.T. 0.09 min
 Lab File: BG023503.D
 Acq: 6 Aug 2016 1:08

Tgt Ion:149 Resp: 222
 Ion Ratio Lower Upper
 149 100
 150 0.0 7.1 10.7#
 104 0.0 3.3 4.9#





#74

Fluoranthene

Concen: 23.47 ng/ul

RT: 19.52 min Scan# 2839

Delta R.T. -0.08 min

Lab File: BG023503.D

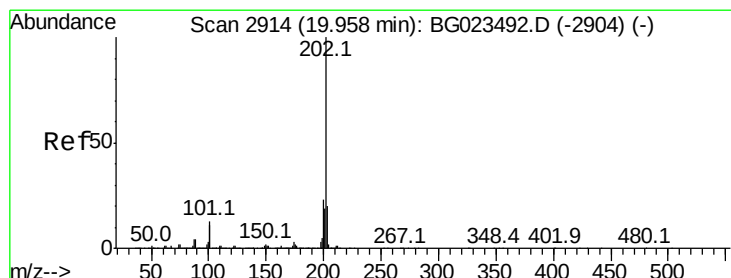
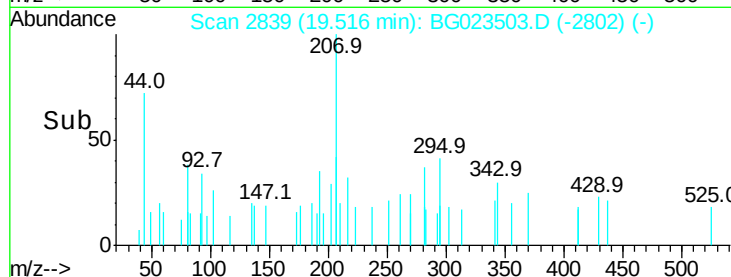
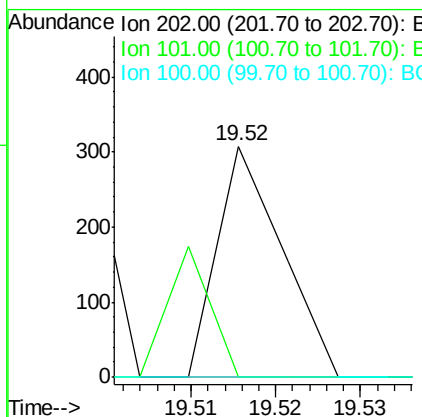
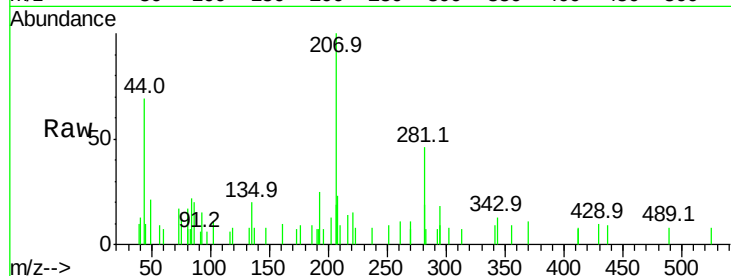
Acq: 6 Aug 2016 1:08

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	163
Ion	Ratio	Lower	Upper
202	100		
101	0.0	10.6	16.0#
100	0.0	8.7	13.1#



#77

Pyrene

Concen: 20.57 ng/ul

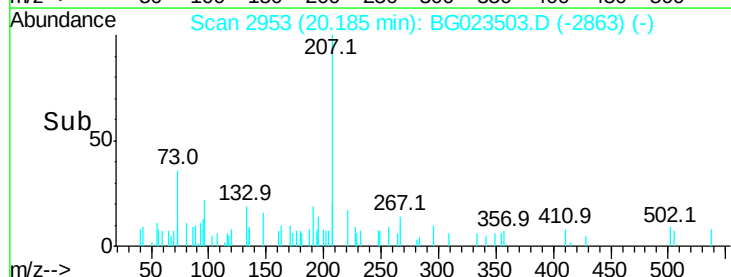
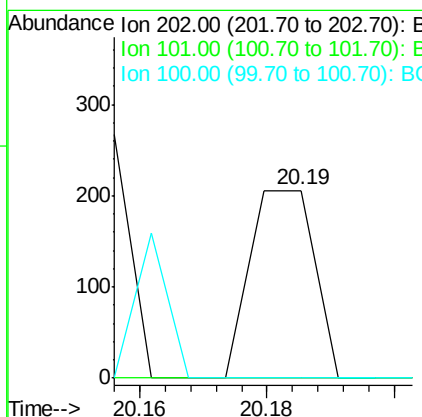
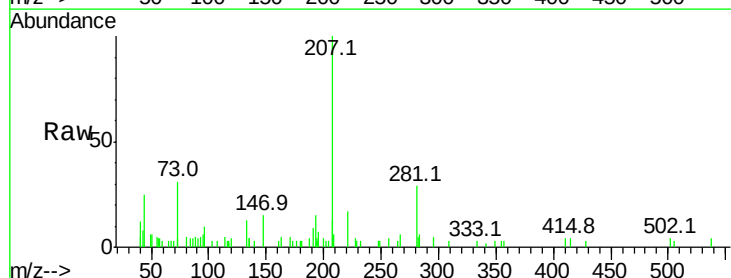
RT: 20.19 min Scan# 2953

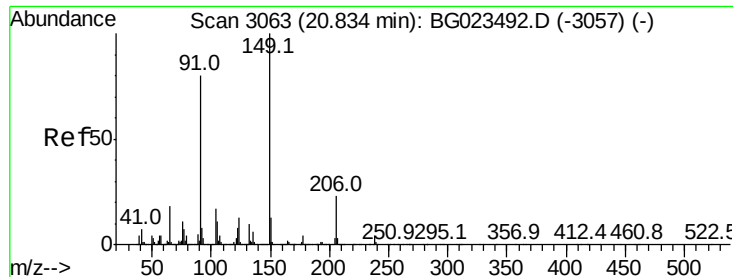
Delta R.T. 0.23 min

Lab File: BG023503.D

Acq: 6 Aug 2016 1:08

Tgt Ion:	202	Resp:	145
Ion	Ratio	Lower	Upper
202	100		
101	0.0	12.5	18.7#
100	0.0	10.2	15.4#





#78

Butylbenzylphthalate

Concen: 172.40 ng/ul

RT: 20.78 min Scan# 3054

Delta R.T. -0.06 min

Lab File: BG023503.D

Acq: 6 Aug 2016 1:08

Instrument :

BNA_G

ClientSampled :

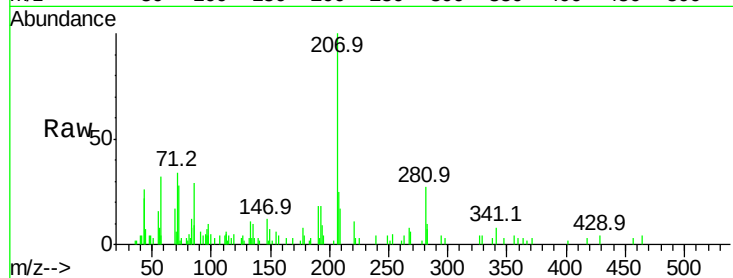
Tot Ion:149 Resp: 466

Ion Ratio Lower Upper

149 100

91 95.9 54.2 81.4#

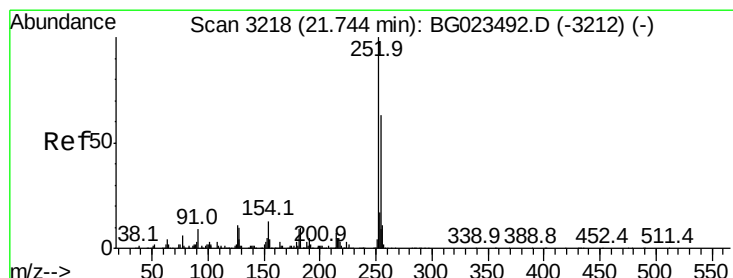
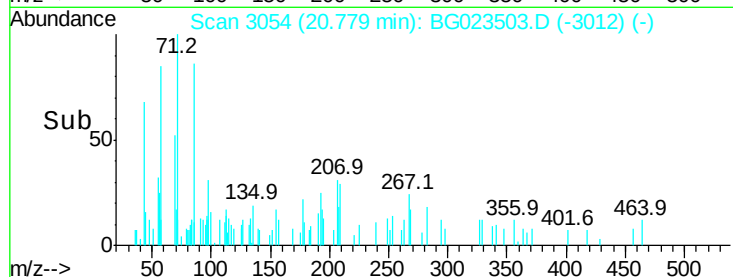
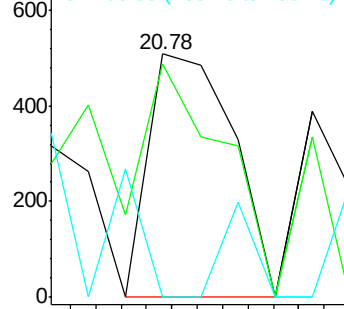
206 0.0 14.1 21.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BGC

Ion 206.00 (205.70 to 206.70): E



#79

3,3'-Dichlorobenzidine

Concen: 145.37 ng/ul

RT: 21.70 min Scan# 3210

Delta R.T. -0.05 min

Lab File: BG023503.D

Acq: 6 Aug 2016 1:08

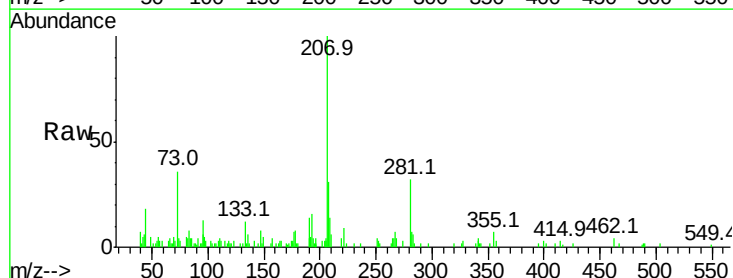
Tgt Ion:252 Resp: 292

Ion Ratio Lower Upper

252 100

254 0.0 51.4 77.2#

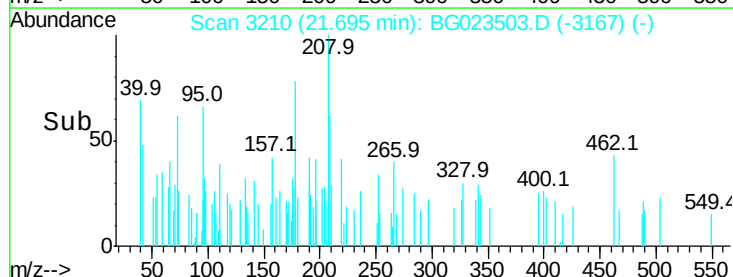
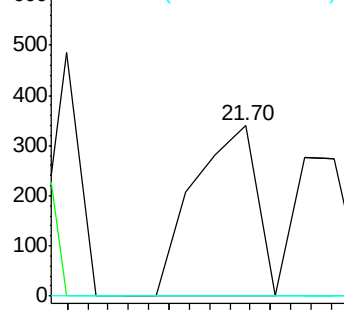
126 0.0 10.7 16.1#

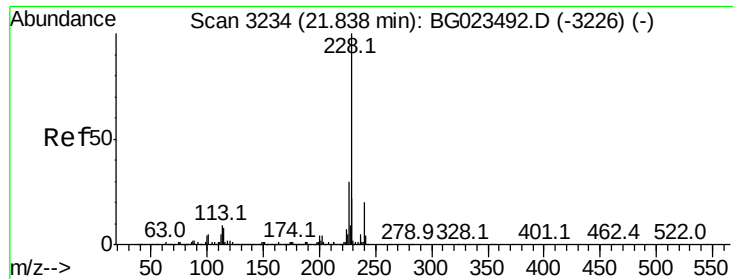


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#80

Benzo(a)anthracene

Concen: 10.44 ng/ul

RT: 21.84 min Scan# 3234

Delta R.T. -0.00 min

Lab File: BG023503.D

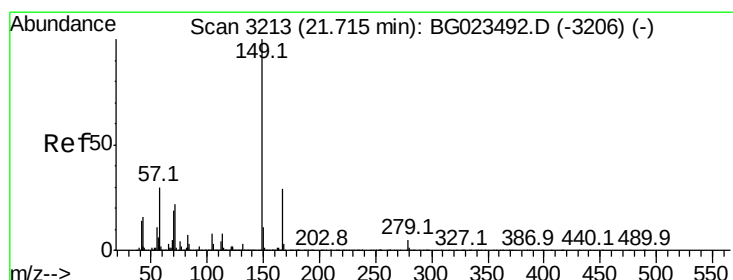
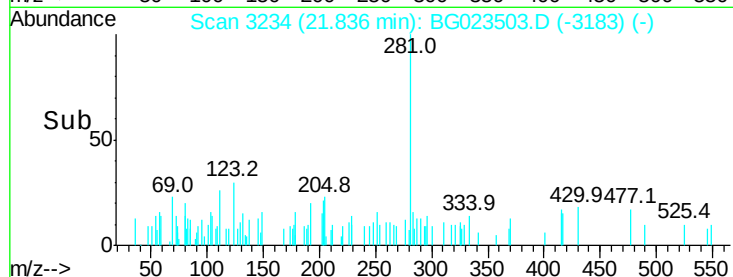
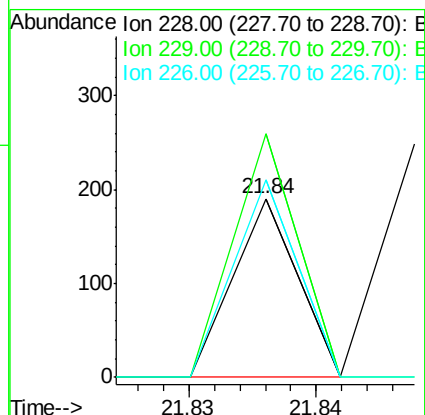
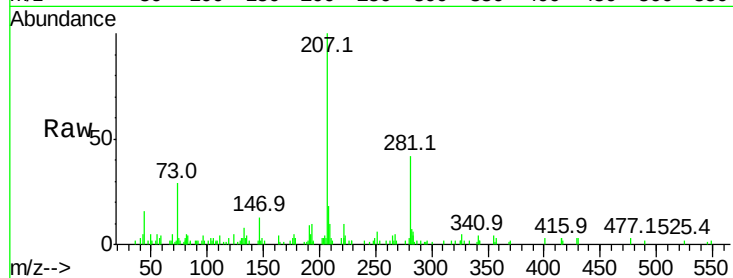
Acq: 6 Aug 2016 1:08

Instrument :

BNA_G

ClientSampleId :

Tot Ion:228	Resp:	67	
Ion Ratio	Lower	Upper	
228	100		
229	136.3	15.4	23.2#
226	110.5	22.8	34.2#



#81

Bis(2-ethylhexyl)phthalate

Concen: 191.97 ng/ul

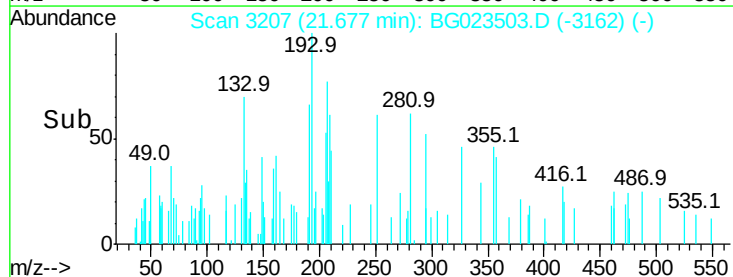
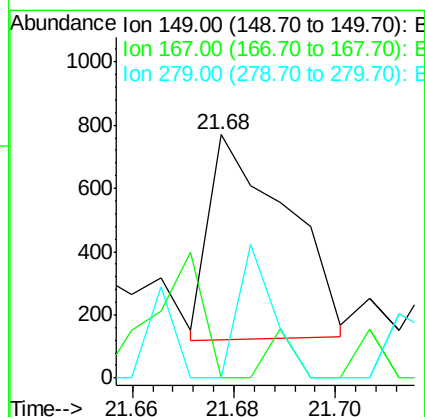
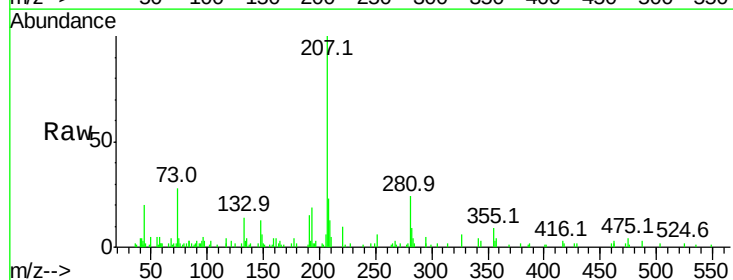
RT: 21.68 min Scan# 3207

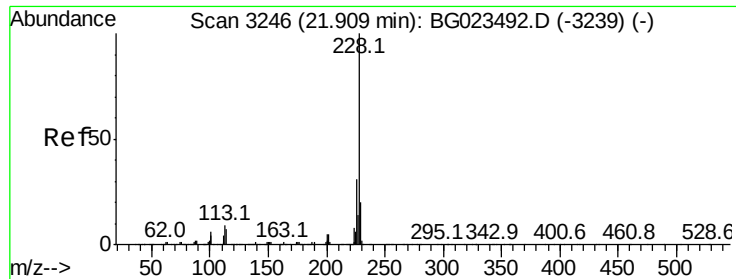
Delta R.T. -0.04 min

Lab File: BG023503.D

Acq: 6 Aug 2016 1:08

Tgt Ion	149	Resp: Lower	690
Ion	Ratio		Upper
149	100		
167	0.0	21.9	32.9#
279	0.0	2.9	4.3#





#82

Chrysene

Concen: 15.07 ng/ul

RT: 21.85 min Scan# 3236

Delta R.T. -0.06 min

Lab File: BG023503.D

Acq: 6 Aug 2016 1:08

Instrument :

BNA_G

ClientSampleId :

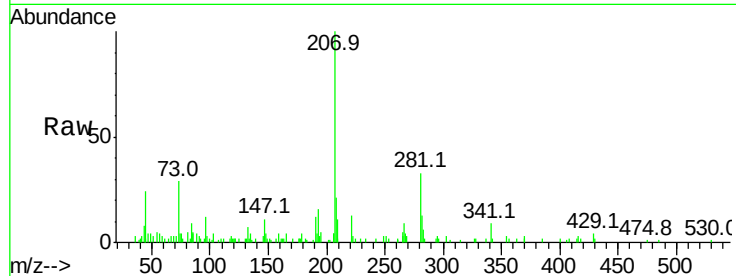
Tot Ion:228 Resp: 88

Ion Ratio Lower Upper

228 100

226 0.0 24.2 36.4#

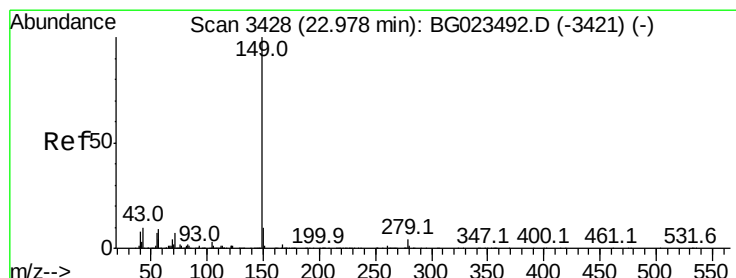
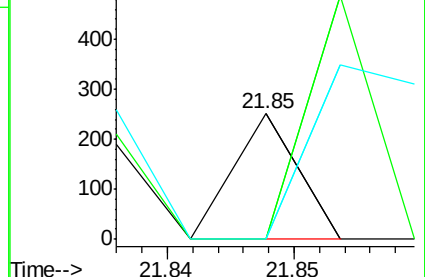
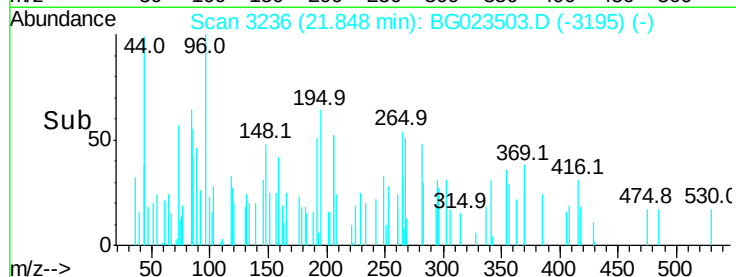
229 0.0 15.0 22.6#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Di-n-octyl phthalate

Concen: 15.16 ng/ul

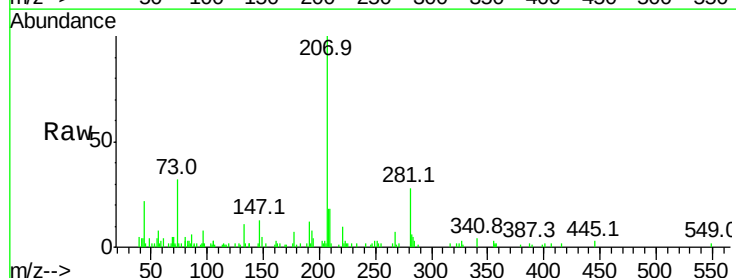
RT: 22.92 min Scan# 3419

Delta R.T. -0.06 min

Lab File: BG023503.D

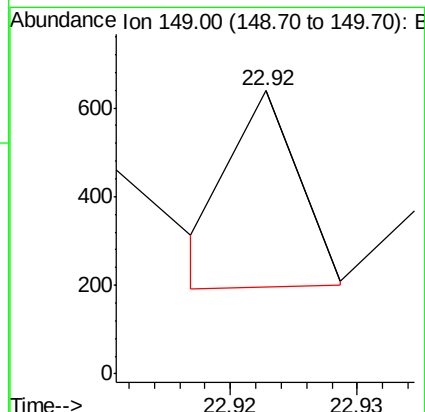
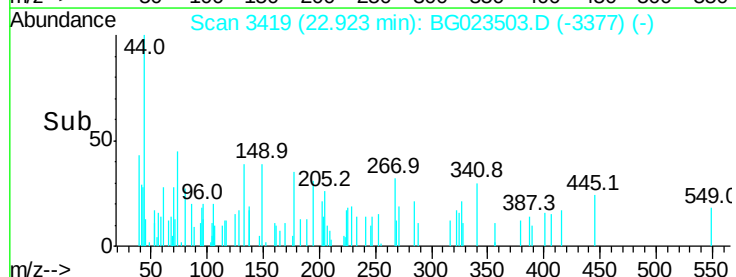
Acq: 6 Aug 2016 1:08

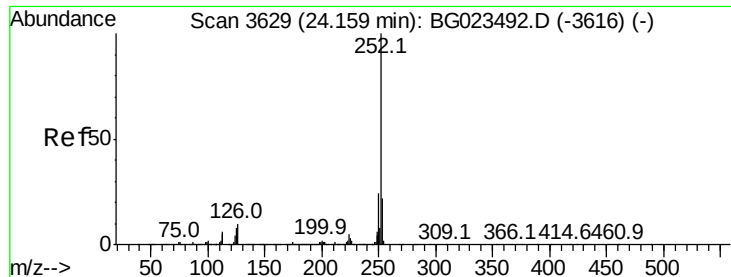
Tgt Ion:149 Resp: 160



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 149.00 (148.70 to 149.70): E

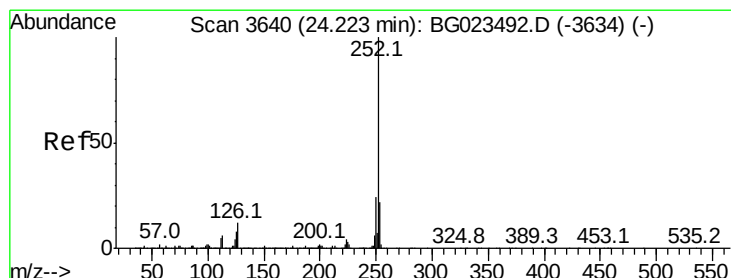
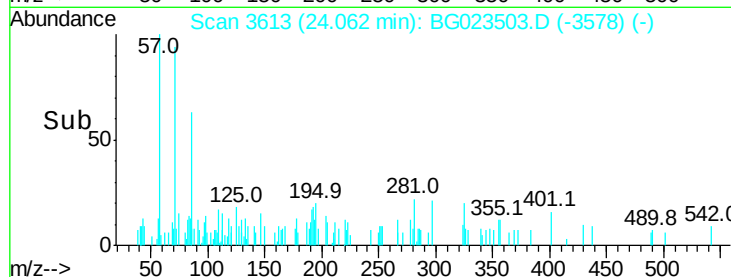
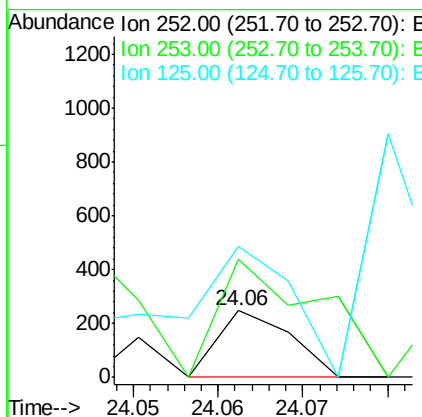
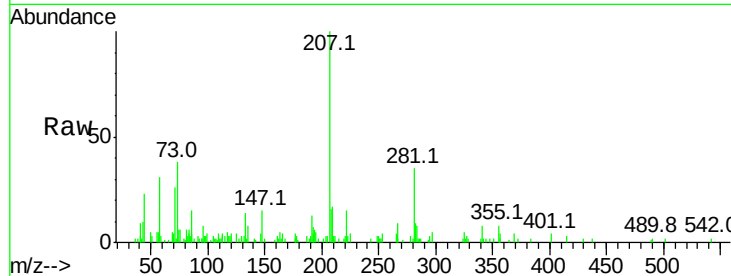




#85
Benzo(b)fluoranthene
Concen: 12.28 ng/ul
RT: 24.06 min Scan# 3613
Delta R.T. -0.10 min
Lab File: BG023503.D
Acq: 6 Aug 2016 1:08

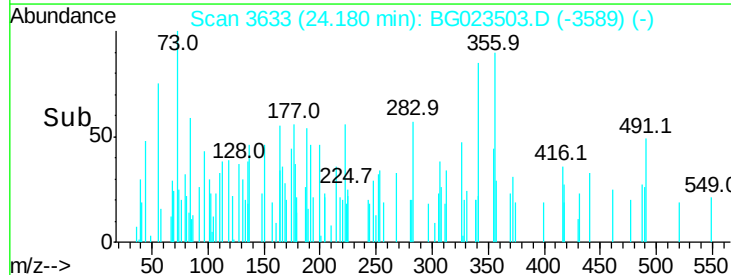
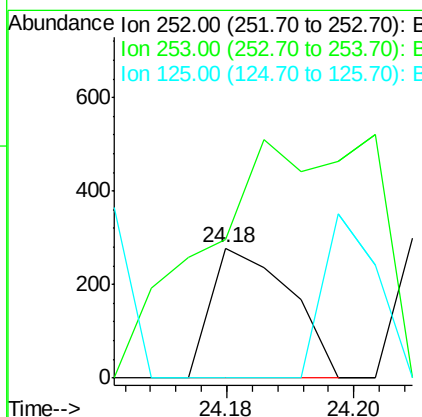
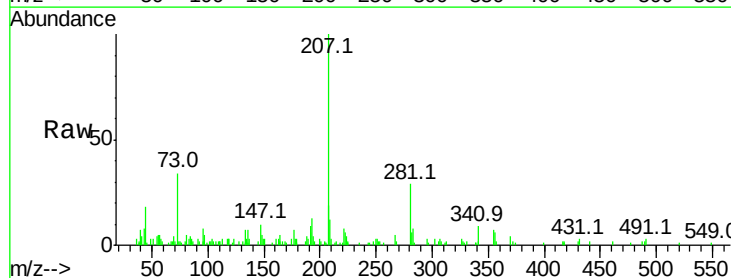
Instrument :
BNA_G
ClientSampled :

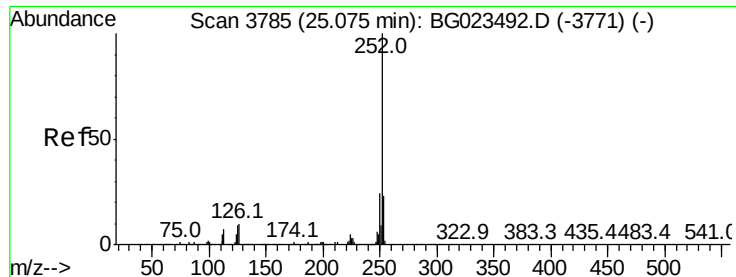
Tot Ion:252 Resp: 146
Ion Ratio Lower Upper
252 100
253 176.2 18.2 27.2#
125 196.8 10.8 16.2#



#86
Benzo(k)fluoranthene
Concen: 20.59 ng/ul
RT: 24.18 min Scan# 3633
Delta R.T. -0.04 min
Lab File: BG023503.D
Acq: 6 Aug 2016 1:08

Tgt Ion:252 Resp: 241
Ion Ratio Lower Upper
252 100
253 106.8 15.8 23.6#
125 0.0 10.6 16.0#





#88

Benzo(a)pyrene

Concen: 29.80 ng/ul

RT: 25.00 min Scan# 3773

Delta R.T. -0.07 min

Lab File: BG023503.D

Acq: 6 Aug 2016 1:08

Instrument :

BNA_G

ClientSampled :

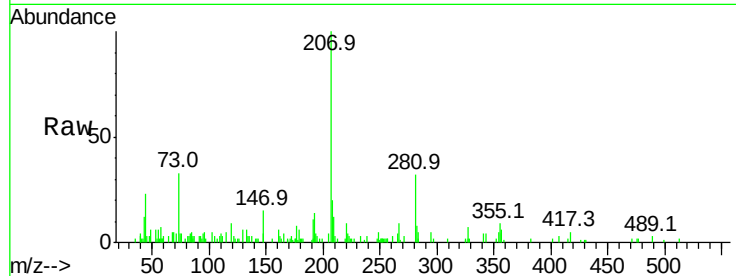
Tot Ion:252 Resp: 342

Ion Ratio Lower Upper

252 100

253 0.0 19.0 28.4#

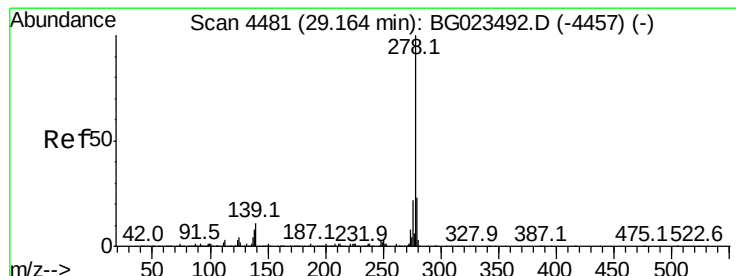
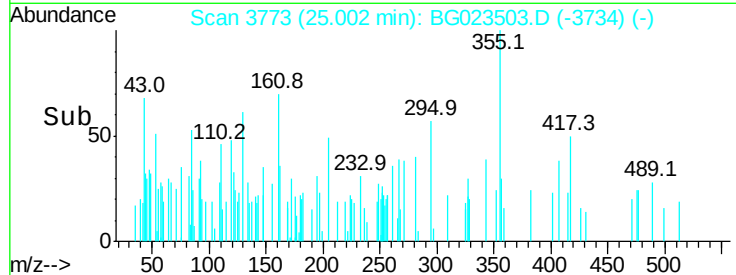
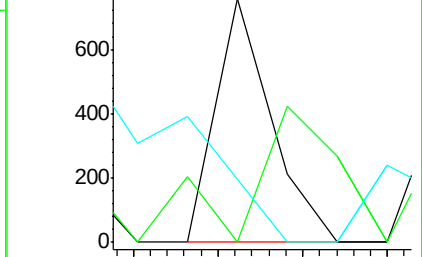
125 25.8 12.0 18.0#



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: 14.17 ng/ul

RT: 29.07 min Scan# 4465

Delta R.T. -0.10 min

Lab File: BG023503.D

Acq: 6 Aug 2016 1:08

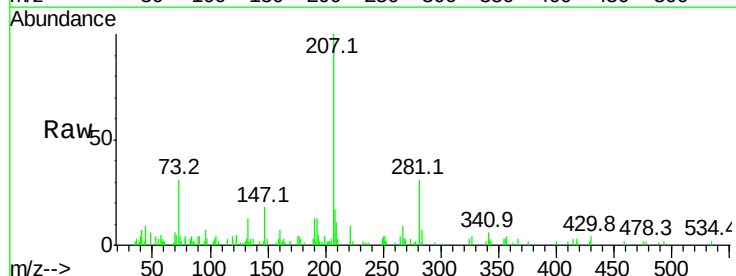
Tgt Ion:278 Resp: 163

Ion Ratio Lower Upper

278 100

139 0.0 16.3 24.5#

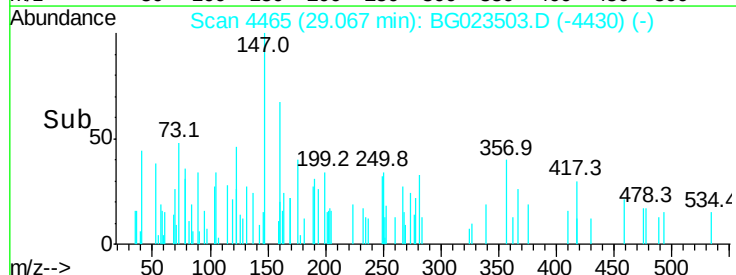
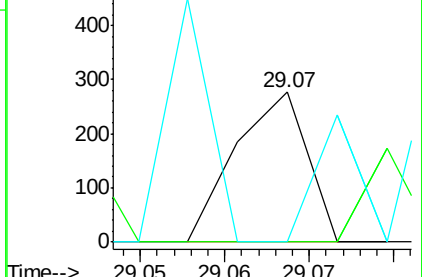
279 0.0 19.1 28.7#

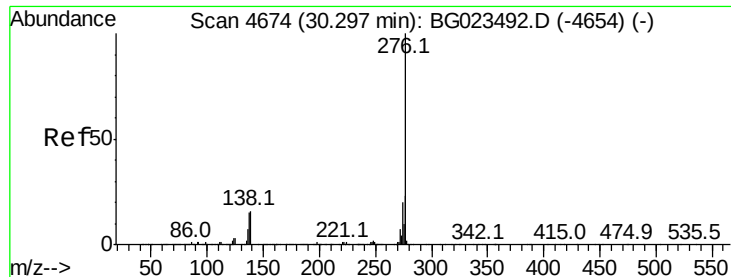


Abundance Ion 278.00 (277.70 to 278.70): E

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: 17.80 ng/ul

RT: 30.26 min Scan# 4668

Delta R.T. -0.04 min

Lab File: BG023503.D

Acq: 6 Aug 2016 1:08

Instrument :

BNA_G

ClientSampleId :

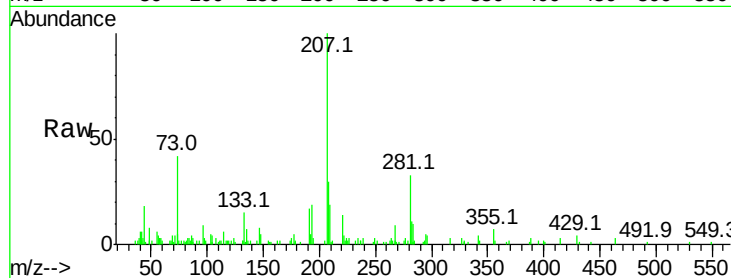
Tot Ion:276 Resp: 199

Ion Ratio Lower Upper

276 100

138 65.7 22.1 33.1#

277 0.0 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

