

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022515\
 Data File : BG016042.D
 Acq On : 25 Feb 2015 18:42
 Operator : TP/IZ
 Sample : G1354-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AE3

Quant Time: Feb 26 00:46:19 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-MA-BG021915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 26 00:35:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	93002	20.00	ng/ul	0.00
16) Naphthalene-d8	10.60	136	426403	20.00	ng/ul	0.00
33) Acenaphthene-d10	14.43	164	258844	20.00	ng/ul	0.00
59) Phenanthrene-d10	17.18	188	524621	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	519821	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	509867	20.00	ng/ul	0.00

System Monitoring Compounds

3) Phenol-d5	6.97	99	92772	10.49	ng/ul	0.01
5) Bis-(2-Chloroethyl)ether-d	7.14	67	53110	10.16	ng/ul	0.00
7) 2-Chlorophenol-d4	7.34	132	69507	10.62	ng/ul	0.00
11) 4-Methylphenol-d8	8.51	113	70232	10.73	ng/ul	0.00
17) Nitrobenzene-d5	8.96	128	31895	10.58	ng/ul	0.00
20) 2-Nitrophenol-d4	9.68	143	26452	9.52	ng/ul	0.00
24) 2,4-Dichlorophenol-d3	10.22	165	63869	10.59	ng/ul	0.00
27) 4-Chloroaniline-d4	10.73	131	94872	14.28	ng/ul	0.00
41) Dimethylphthalate-d6	13.85	166	213678	12.35	ng/ul	0.00
44) Acenaphthylene-d8	14.13	160	290093	11.84	ng/ul	0.00
49) 4-Nitrophenol-d4	14.62	143	21588	6.20	ng/ul	0.00
55) Fluorene-d10	15.43	176	207665	11.94	ng/ul	0.00
60) 4,6-Dinitro-2-methylphenol	15.54	200	8558	4.23	ng/ul	0.00
68) Anthracene-d10	17.27	188	298730	12.01	ng/ul	0.00
76) Pyrene-d10	19.56	212	301845	12.36	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	278378	12.04	ng/ul	0.00

Target Compounds

						Qvalue
2) Benzaldehyde	6.96	77	400	0.07	ng/ul#	38
4) Phenol	7.00	94	10967	1.18	ng/ul	96
6) Bis(2-Chloroethyl)ether	7.24	93	263	0.04	ng/ul#	69
10) 2,2'-oxybis(1-Chloropropan	8.51	45	434	0.05	ng/ul#	67
12) Acetophenone	8.62	105	7019	0.71	ng/ul	96
13) N-Nitroso-di-n-propylamine	8.54	70	67	0.01	ng/ul#	41
19) Isophorone	9.68	82	1420	0.09	ng/ul#	63
26) Naphthalene	10.64	128	3359	0.15	ng/ul#	93
30) Caprolactam	11.53	113	121	0.04	ng/ul#	57
32) 2-Methylnaphthalene	12.26	142	1361	0.09	ng/ul	98
38) 1,1'-Biphenyl	13.27	154	317	0.02	ng/ul#	42
42) Dimethylphthalate	13.89	163	19459	1.08	ng/ul	98
43) 2,6-Dinitrotoluene	13.89	165	177	0.06	ng/ul#	36
45) Acenaphthylene	14.16	152	10534	0.41	ng/ul	98
47) Acenaphthene	14.50	153	1694	0.10	ng/ul#	83
51) Dibenzofuran	14.83	168	6304	0.27	ng/ul	98
54) Diethylphthalate	15.25	149	7166	0.39	ng/ul#	96
56) Fluorene	15.48	166	12264	0.61	ng/ul	94
66) Pentachlorophenol	16.82	266	226	0.09	ng/ul#	56
67) Phenanthrene	17.22	178	136978	4.69	ng/ul	98
69) Anthracene	17.31	178	34522	1.16	ng/ul	99
72) Carbazole	17.58	167	7319	0.26	ng/ul#	94
73) Di-n-butylphthalate	18.14	149	2588	0.09	ng/ul#	82
74) Fluoranthene	19.23	202	308493	9.67	ng/ul	99

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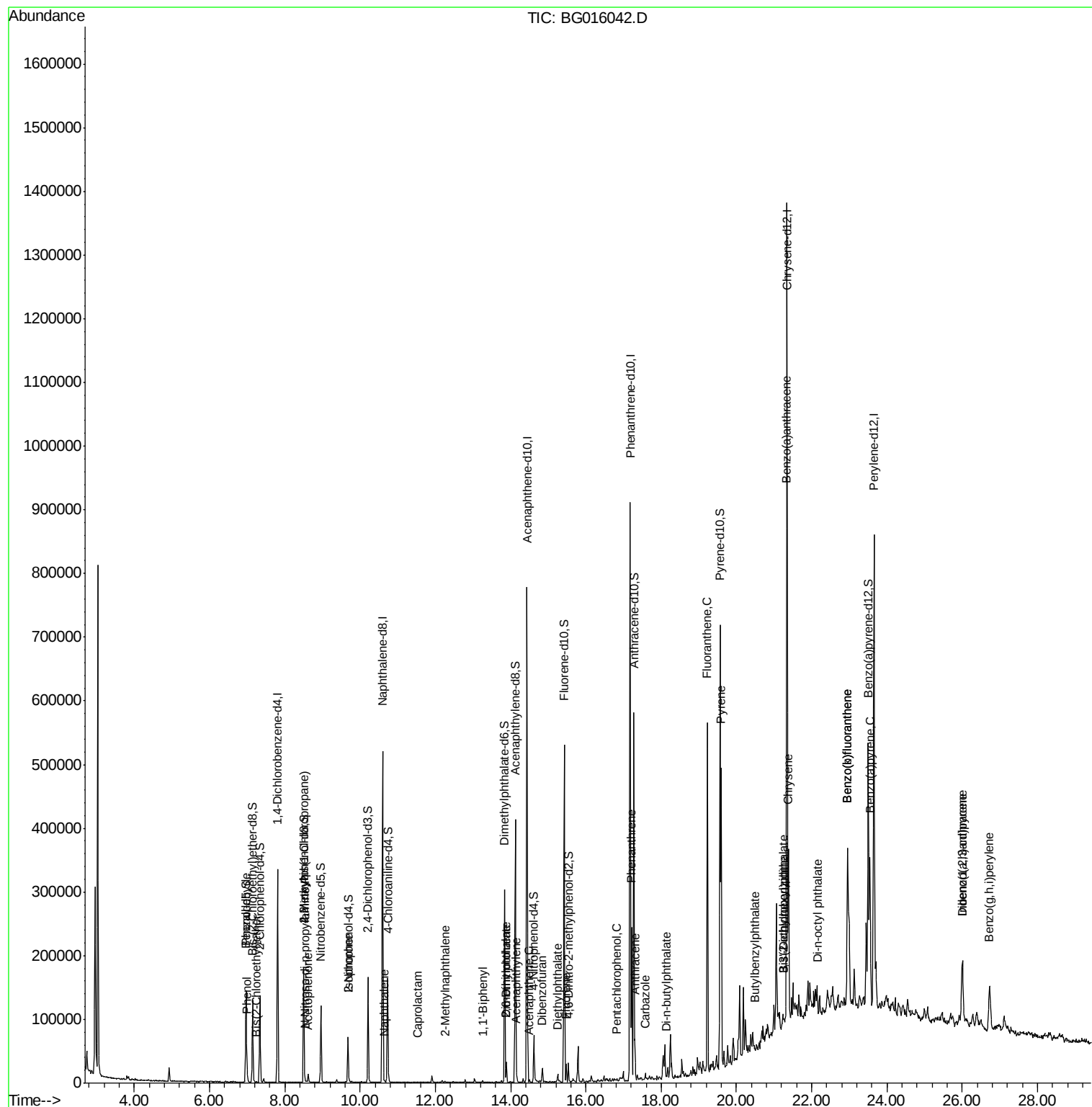
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
77) Pyrene	19.59	202	255974	8.10	ng/ul	97
78) Butylbenzylphthalate	20.49	149	318	0.03	ng/ul#	78
79) 3,3'-Dichlorobenzidine	21.27	252	188	0.03	ng/ul#	57
80) Benzo(a)anthracene	21.33	228	164749	5.70	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.26	149	1588	0.10	ng/ul#	90
82) Chrysene	21.38	228	145300	5.27	ng/ul	98
84) Di-n-octyl phthalate	22.16	149	329	0.01	ng/ul	100
85) Benzo(b)fluoranthene	22.95	252	217061	7.63	ng/ul	98
86) Benzo(k)fluoranthene	22.95	252	56025	1.96	ng/ul	98
88) Benzo(a)pyrene	23.55	252	151998	5.38	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.99	276	96983	2.95	ng/ul	97
90) Dibenzo(a,h)anthracene	26.01	278	25817	0.94	ng/ul#	89
91) Benzo(g,h,i)perylene	26.72	276	81099	2.95	ng/ul	98

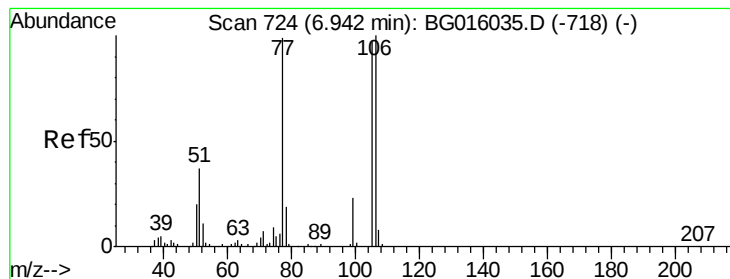
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Benzaldehyde

Concen: 0.07 ng/ul

RT: 6.96 min Scan# 727

Delta R.T. 0.02 min

Lab File: BG016042.D

Acq: 25 Feb 2015 18:42

Instrument :

BNA_G

ClientSampled :

C0AE3

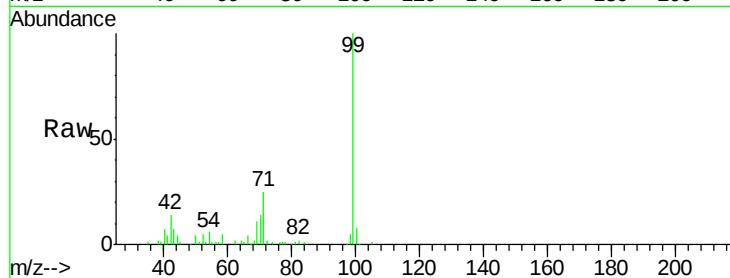
Tgt Ion: 77 Resp: 400

Ion Ratio Lower Upper

77 100

105 119.8 76.6 114.8#

106 0.0 78.2 117.4#

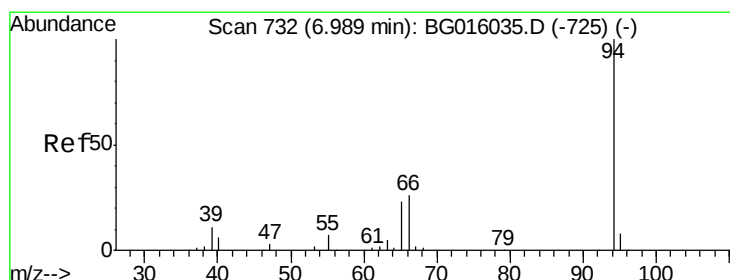
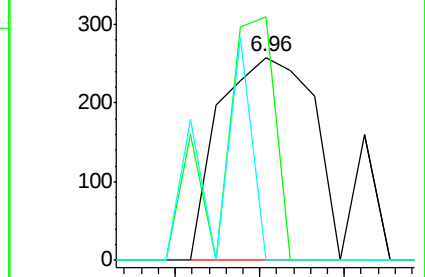
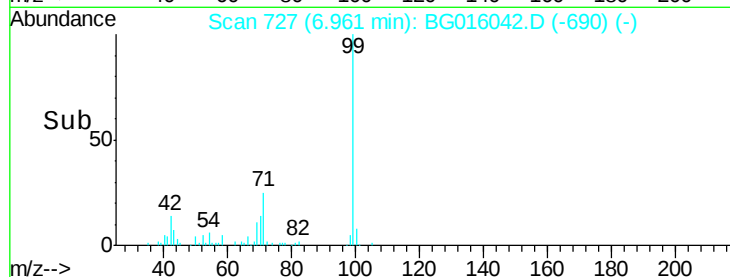


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC

6.96



#4

Phenol

Concen: 1.18 ng/ul

RT: 7.00 min Scan# 733

Delta R.T. 0.01 min

Lab File: BG016042.D

Acq: 25 Feb 2015 18:42

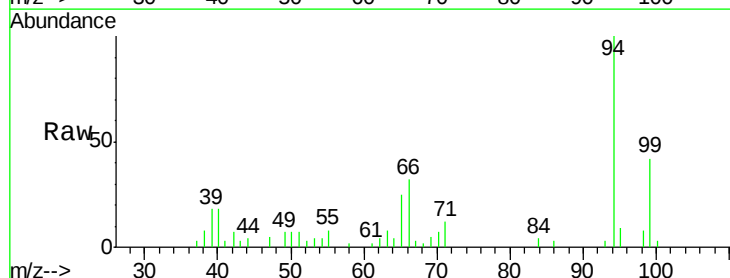
Tgt Ion: 94 Resp: 10967

Ion Ratio Lower Upper

94 100

65 25.0 20.8 31.2

66 31.9 22.6 34.0

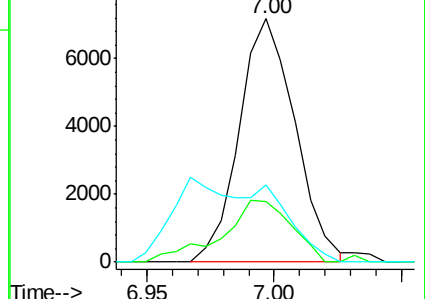
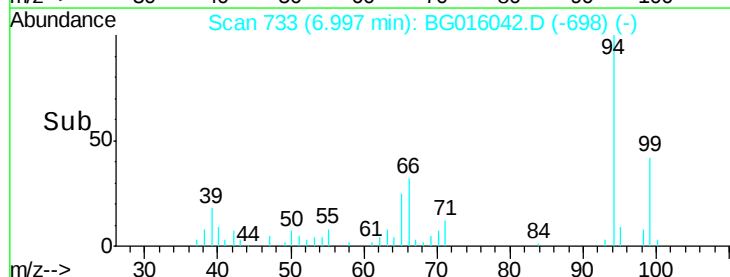


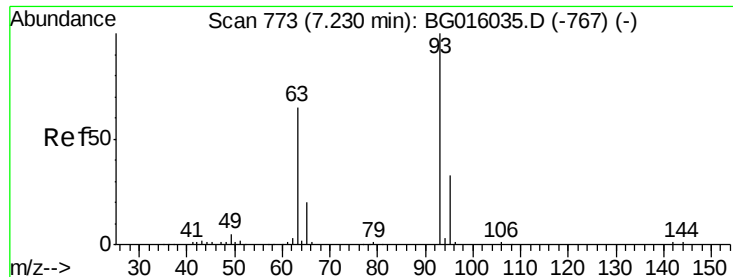
Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

7.00





#6

Bis(2-Chloroethyl)ether

Concen: 0.04 ng/ul

RT: 7.24 min Scan# 774

Delta R.T. 0.01 min

Lab File: BG016042.D

Acq: 25 Feb 2015 18:42

Instrument :

BNA_G

ClientSampleId :

C0AE3

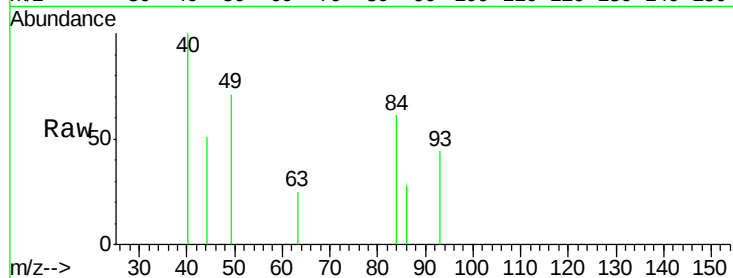
Tgt Ion: 93 Resp: 263

Ion Ratio Lower Upper

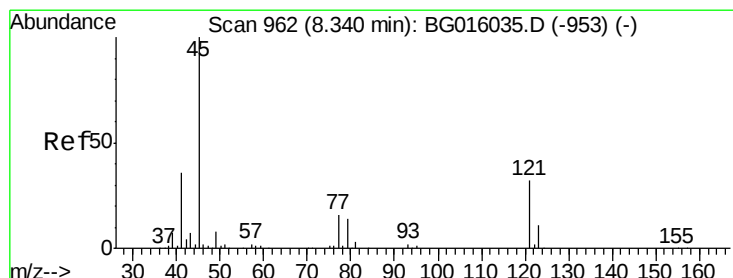
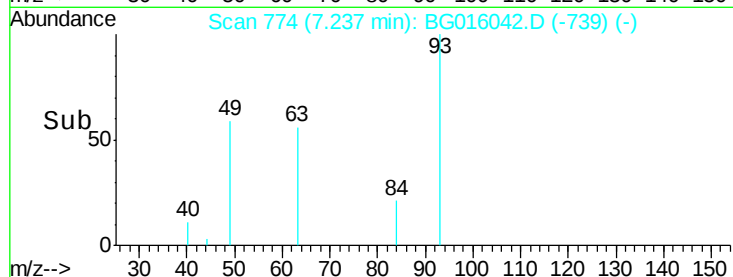
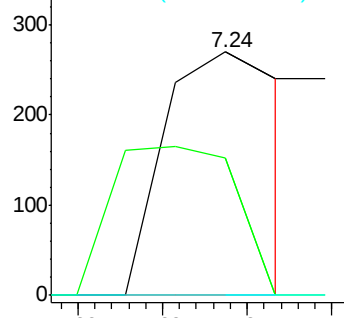
93 100

63 56.3 57.5 86.3#

95 0.0 25.8 38.6#



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

2,2'-oxybis(1-Chloropropane)

Concen: 0.05 ng/ul

RT: 8.51 min Scan# 990

Delta R.T. 0.17 min

Lab File: BG016042.D

Acq: 25 Feb 2015 18:42

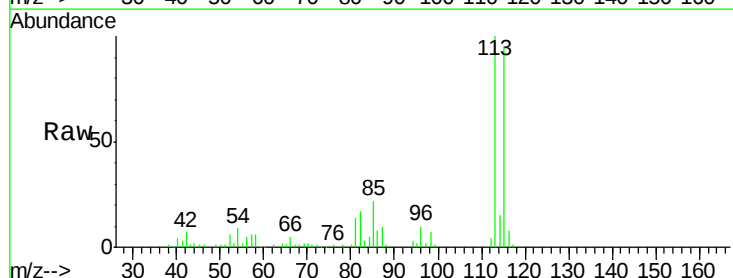
Tgt Ion: 45 Resp: 434

Ion Ratio Lower Upper

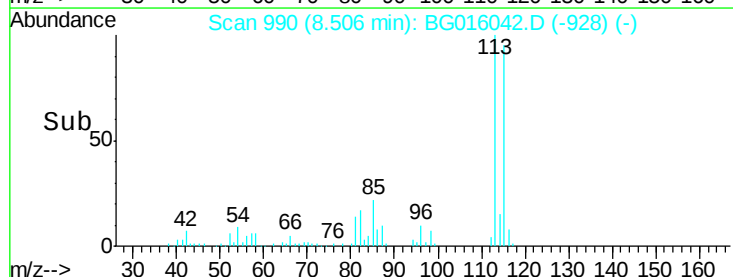
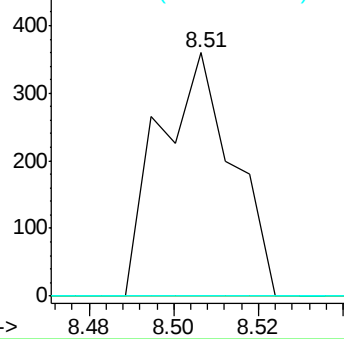
45 100

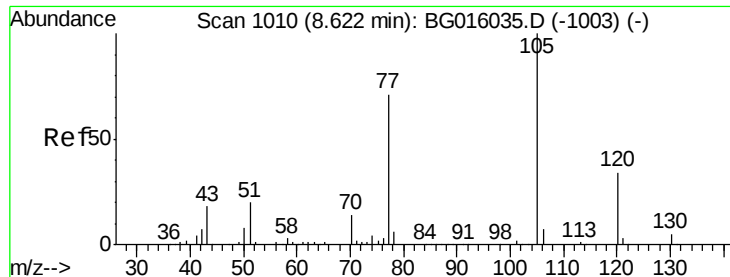
77 0.0 11.4 17.2#

79 0.0 9.0 13.6#



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





#12

Acetophenone

Concen: 0.71 ng/ul

RT: 8.62 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BG016042.D

Acq: 25 Feb 2015 18:42

Instrument :

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ClientSampleId :

C0AE3

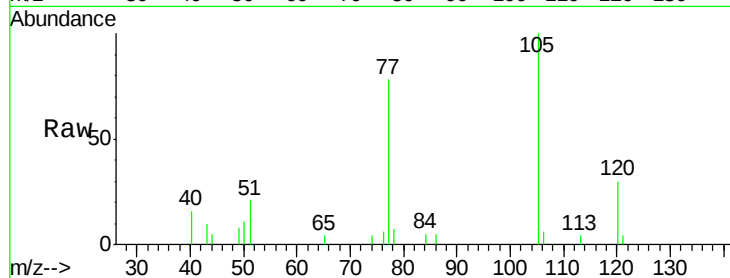
Tgt Ion: 105 Resp: 7019

Ion Ratio Lower Upper

105 100

77 78.0 64.9 97.3

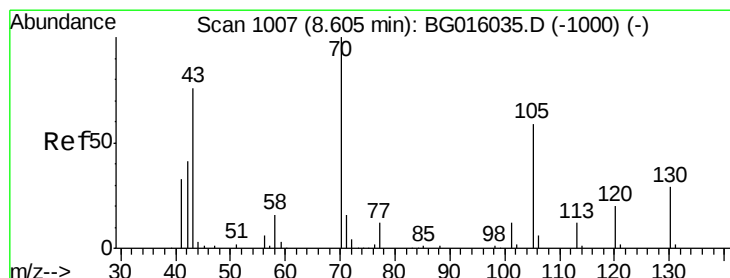
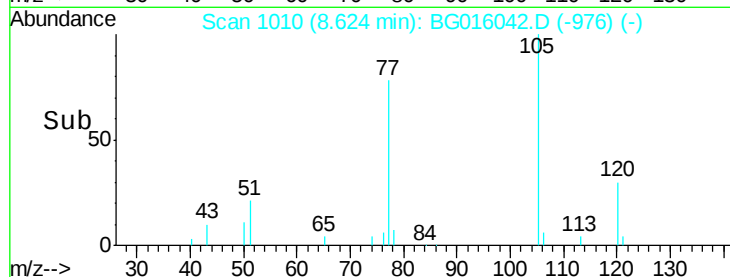
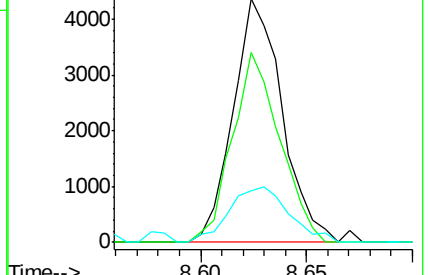
51 21.4 19.4 29.0



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#13

N-Nitroso-di-n-propylamine

Concen: 0.01 ng/ul

RT: 8.54 min Scan# 995

Delta R.T. -0.07 min

Lab File: BG016042.D

Acq: 25 Feb 2015 18:42

Tgt Ion: 70 Resp: 67

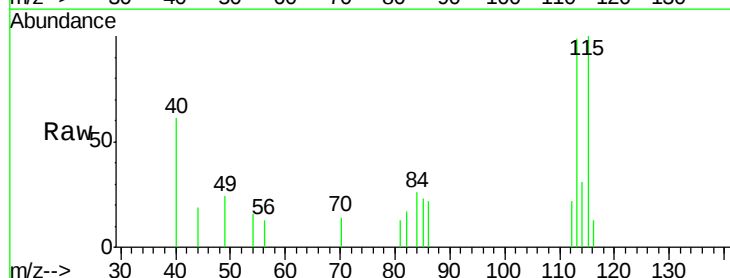
Ion Ratio Lower Upper

70 100

42 0.0 37.8 56.6#

101 0.0 9.3 13.9#

130 0.0 22.2 33.2#

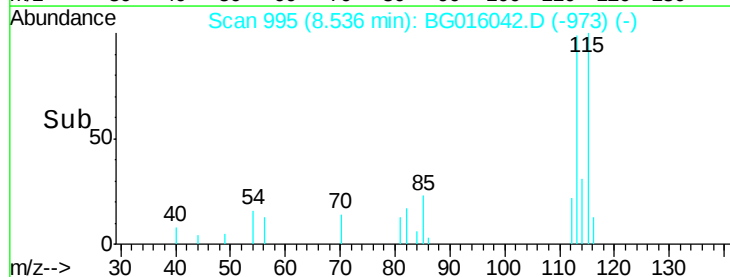
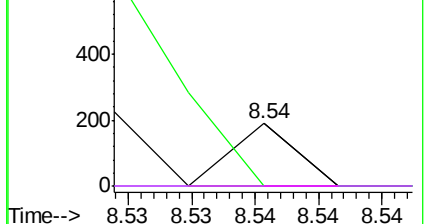


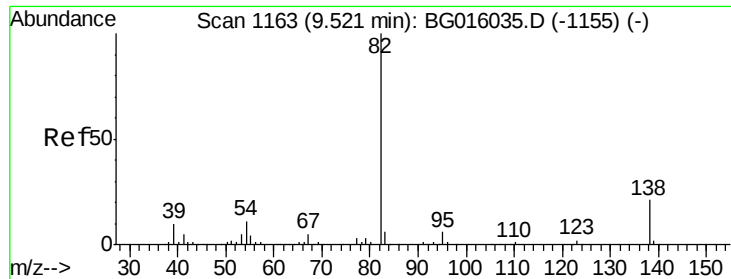
Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#19

Isophorone

Concen: 0.09 ng/ul

RT: 9.68 min Scan# 1190

Delta R.T. 0.16 min

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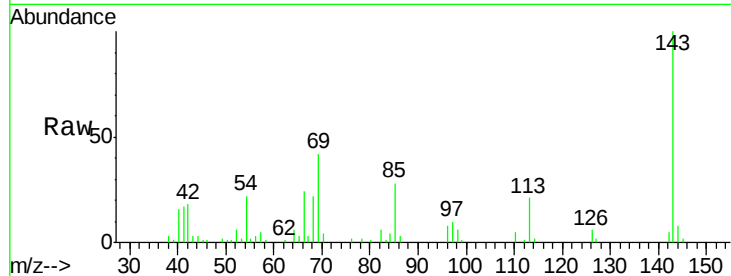
Tgt Ion: 82 Resp: 1420

Ion Ratio Lower Upper

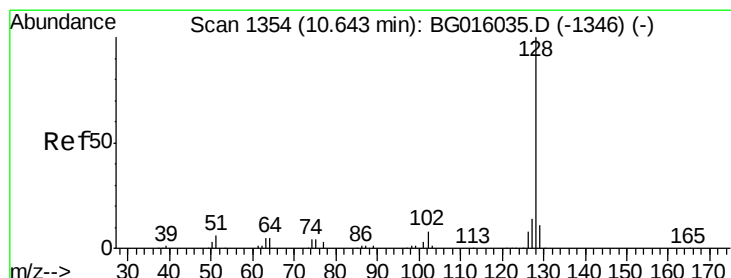
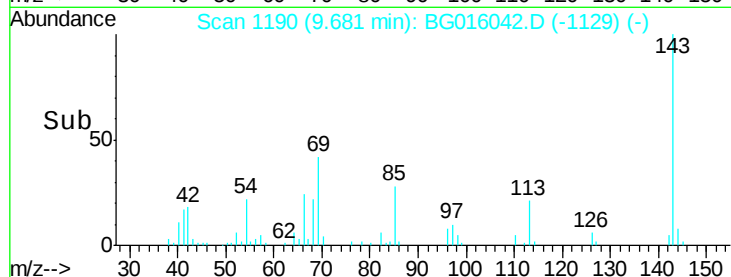
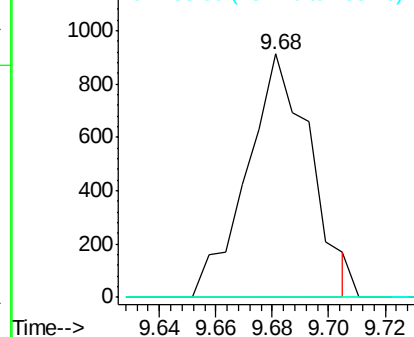
82 100

95 0.0 4.6 6.8#

138 0.0 15.4 23.2#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

Naphthalene

Concen: 0.15 ng/ul

RT: 10.64 min Scan# 1354

Delta R.T. 0.00 min

Lab File: BG016042.D

Acq: 25 Feb 2015 18:42

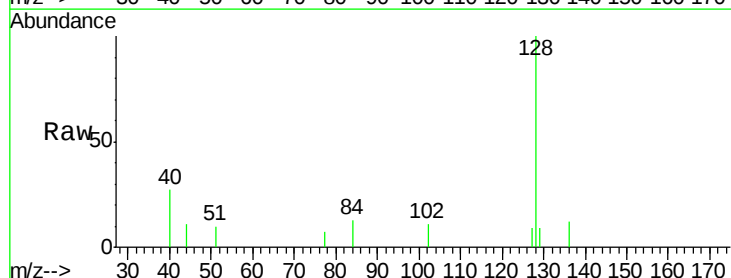
Tgt Ion: 128 Resp: 3359

Ion Ratio Lower Upper

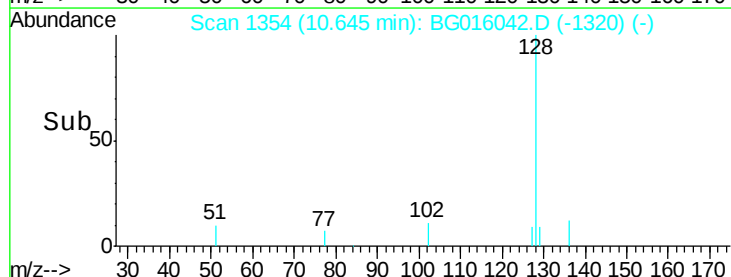
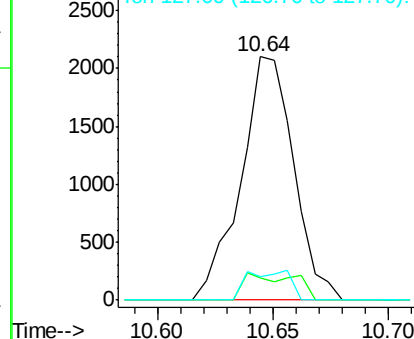
128 100

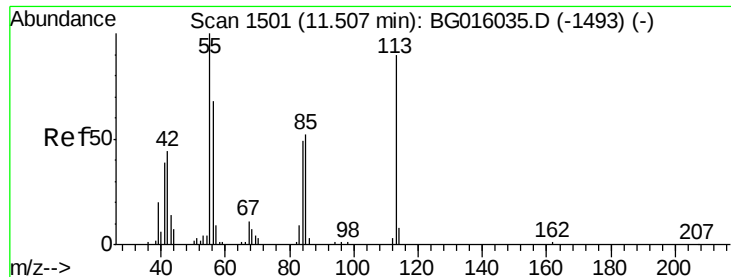
129 9.1 8.7 13.1

127 9.4 10.4 15.6#



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





#30

Caprolactam

Concen: 0.04 ng/ul

RT: 11.53 min Scan# 1505

Delta R.T. 0.02 min

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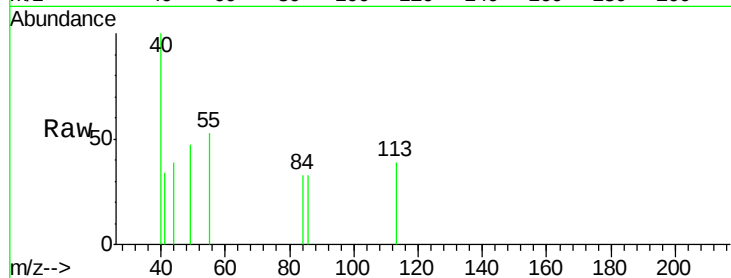
Tgt Ion:113 Resp: 121

Ion Ratio Lower Upper

113 100

55 134.0 101.4 152.2

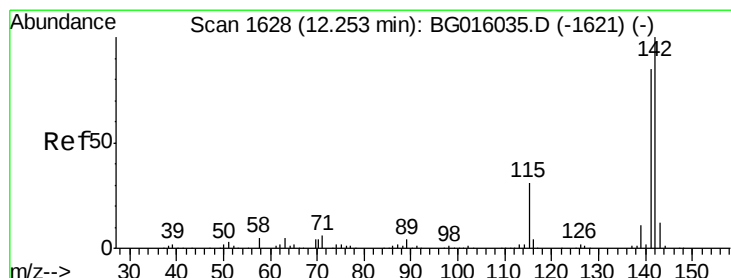
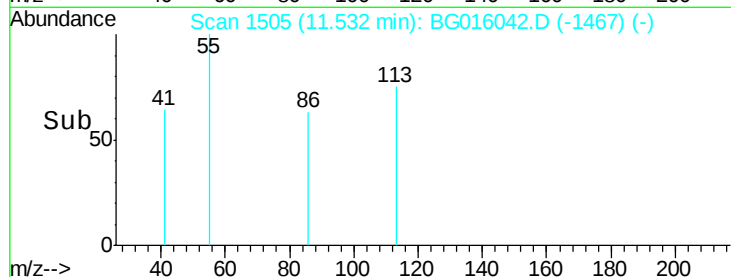
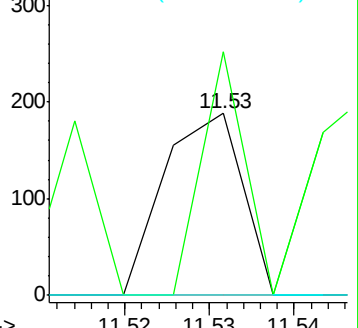
56 0.0 71.0 106.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#32

2-Methylnaphthalene

Concen: 0.09 ng/ul

RT: 12.26 min Scan# 1629

Delta R.T. 0.01 min

Lab File: BG016042.D

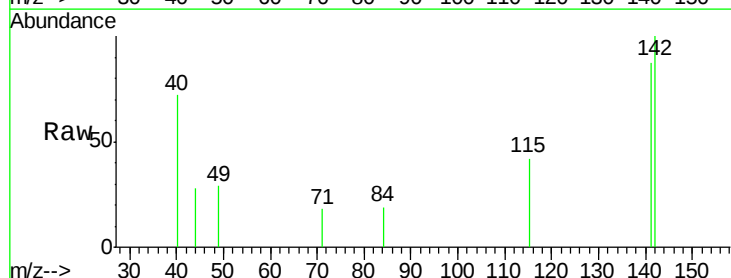
Acq: 25 Feb 2015 18:42

Tgt Ion:142 Resp: 1361

Ion Ratio Lower Upper

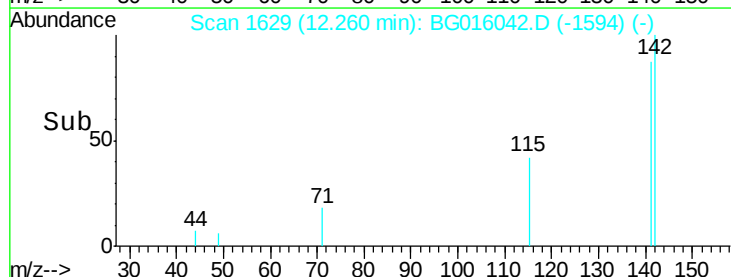
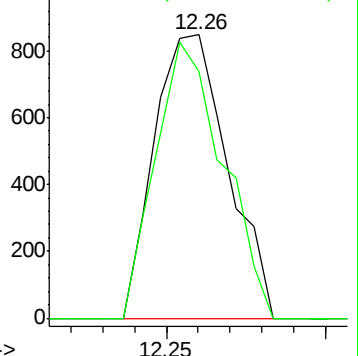
142 100

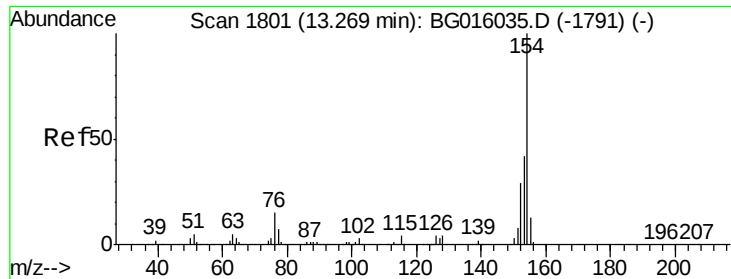
141 87.0 68.3 102.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

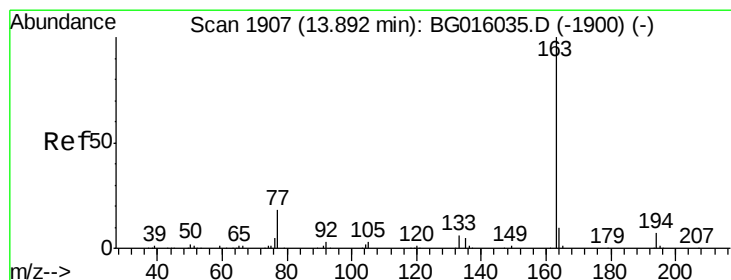
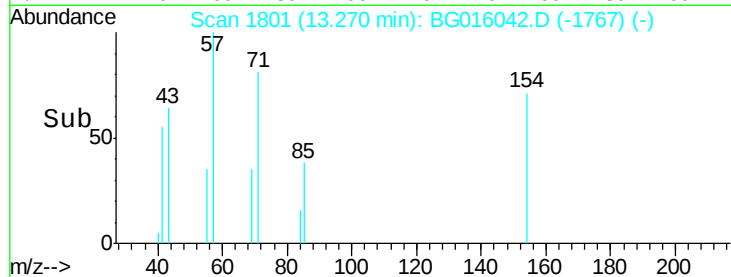
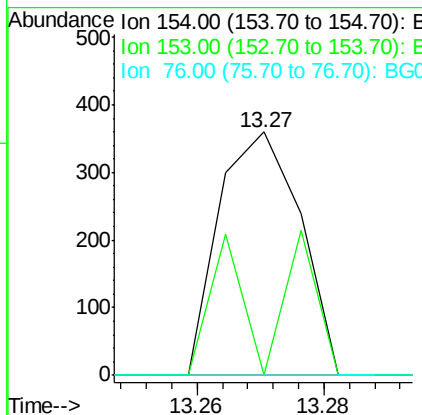
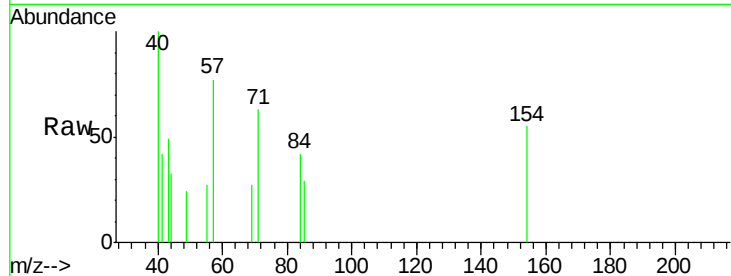




#38
 1,1'-Biphenyl
 Concen: 0.02 ng/ul
 RT: 13.27 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BG016042.D
 Acq: 25 Feb 2015 18:42

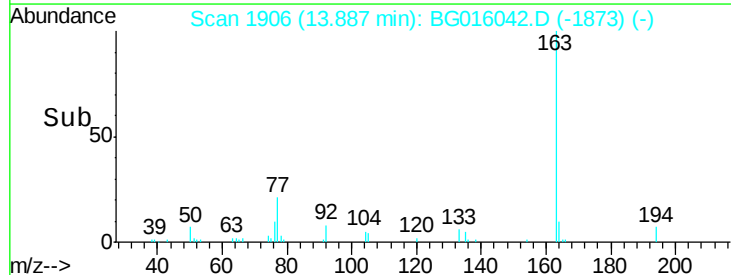
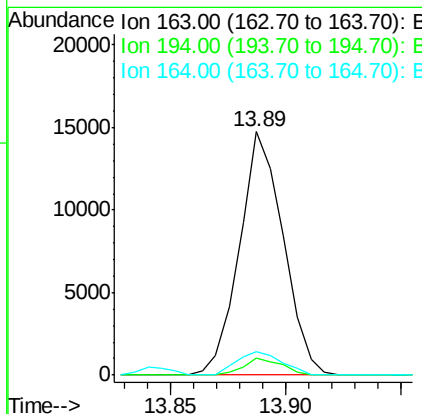
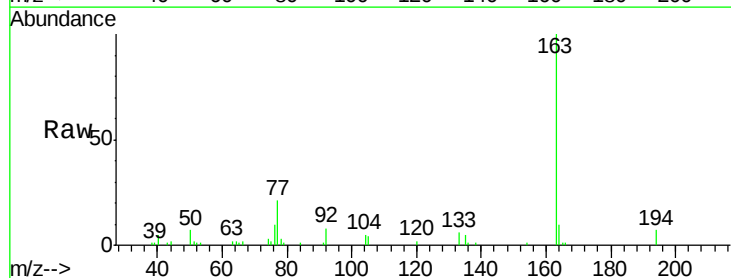
Instrument :
 BNA_G
 ClientSampleId :
 C0AE3

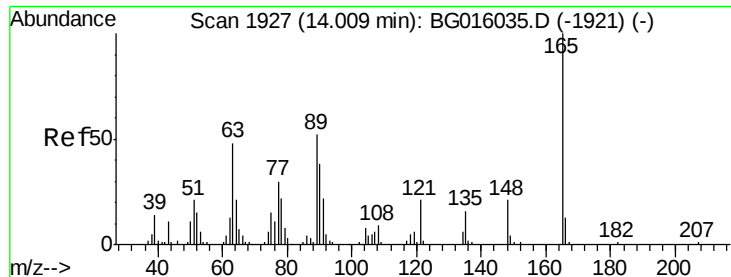
Tgt Ion:154 Resp: 317
 Ion Ratio Lower Upper
 154 100
 153 0.0 32.7 49.1#
 76 0.0 12.4 18.6#



#42
 Dimethylphthalate
 Concen: 1.08 ng/ul
 RT: 13.89 min Scan# 1906
 Delta R.T. -0.00 min
 Lab File: BG016042.D
 Acq: 25 Feb 2015 18:42

Tgt Ion:163 Resp: 19459
 Ion Ratio Lower Upper
 163 100
 194 7.1 5.3 7.9
 164 9.8 8.5 12.7

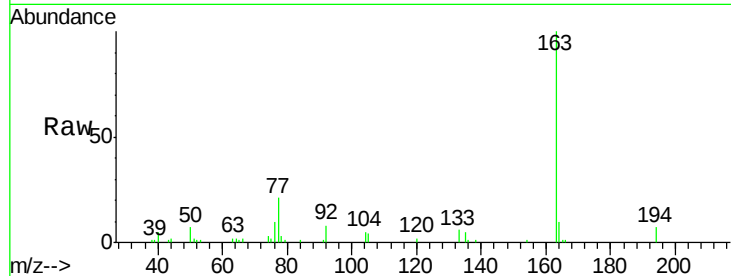




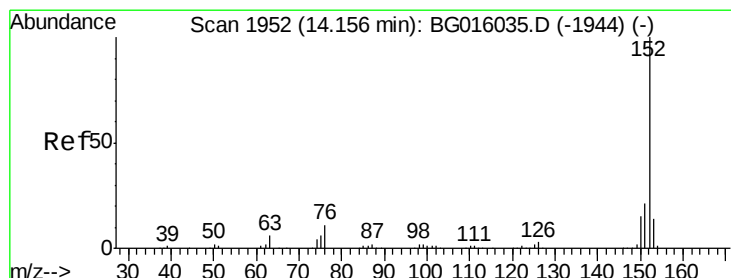
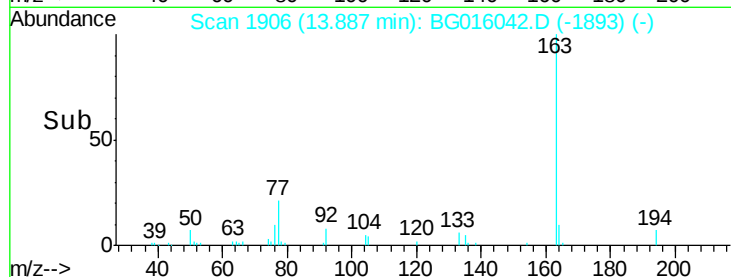
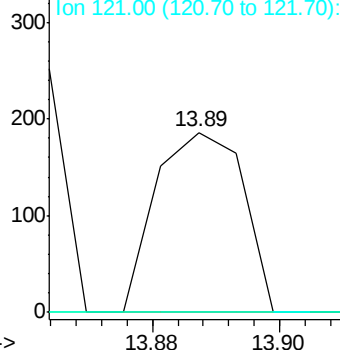
#43
2,6-Dinitrotoluene
Concen: 0.06 ng/ul
RT: 13.89 min Scan# 1906
Delta R.T. -0.12 min
Lab File: BG016042.D
Acq: 25 Feb 2015 18:42

Instrument :
BNA_G
ClientSampleId :
C0AE3

Tgt Ion:165 Resp: 177
Ion Ratio Lower Upper
165 100
89 0.0 39.8 59.8#
121 0.0 15.8 23.6#

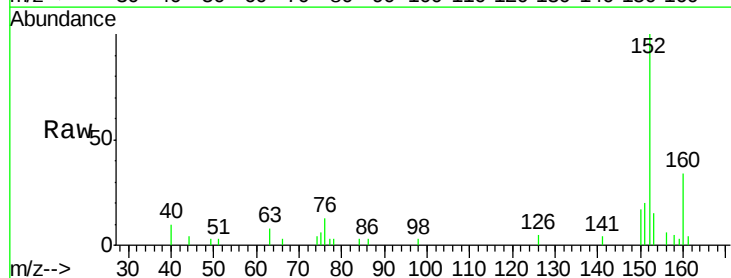


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 89.00 (88.70 to 89.70): BGC
Ion 121.00 (120.70 to 121.70): E

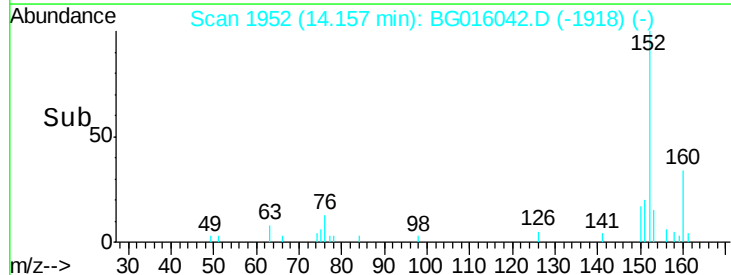
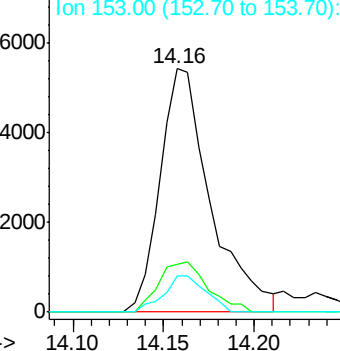


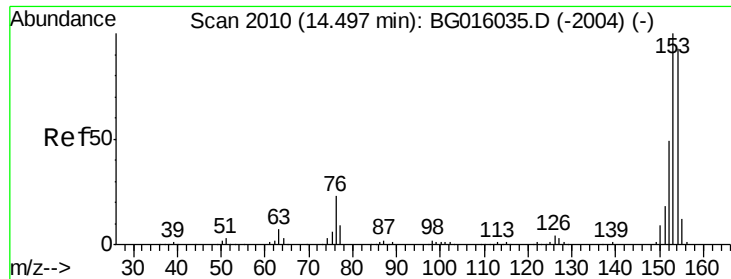
#45
Acenaphthylene
Concen: 0.41 ng/ul
RT: 14.16 min Scan# 1952
Delta R.T. 0.00 min
Lab File: BG016042.D
Acq: 25 Feb 2015 18:42

Tgt Ion:152 Resp: 10534
Ion Ratio Lower Upper
152 100
151 19.7 16.2 24.4
153 14.8 10.7 16.1



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





#47

Acenaphthene

Concen: 0.10 ng/ul

RT: 14.50 min Scan# 2010

Delta R.T. 0.00 min

Lab File: BG016042.D

Acq: 25 Feb 2015 18:42

Instrument :

BNA_G

ClientSampleId :

C0AE3

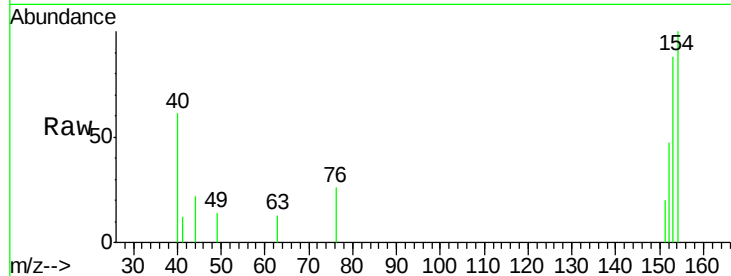
Tgt Ion:153 Resp: 1694

Ion Ratio Lower Upper

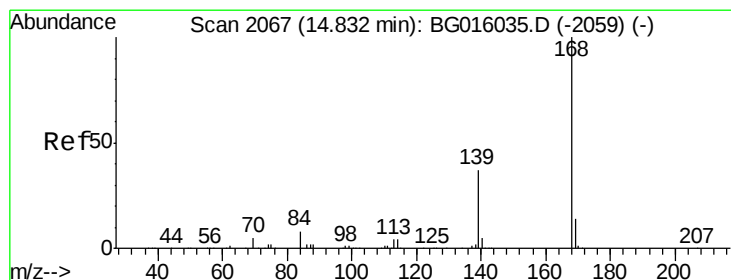
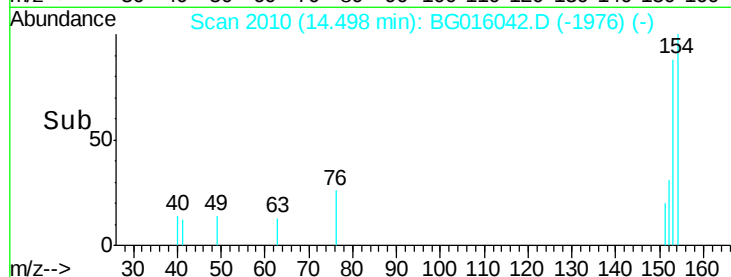
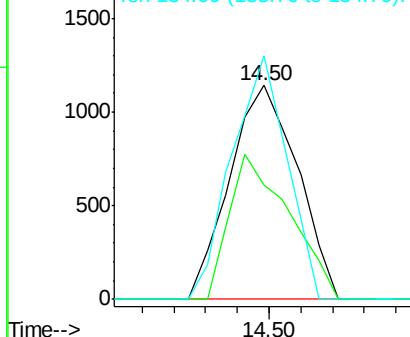
153 100

152 53.5 38.6 58.0

154 114.0 74.6 111.8#



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



#51

Dibenzofuran

Concen: 0.27 ng/ul

RT: 14.83 min Scan# 2067

Delta R.T. 0.00 min

Lab File: BG016042.D

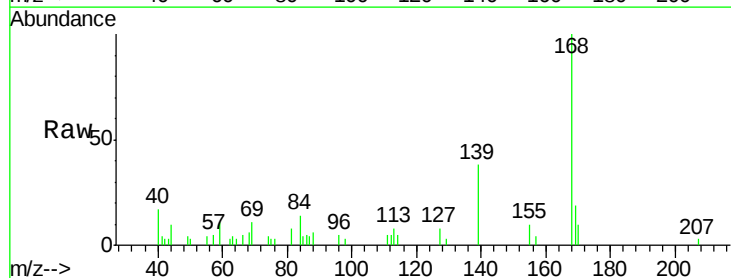
Acq: 25 Feb 2015 18:42

Tgt Ion:168 Resp: 6304

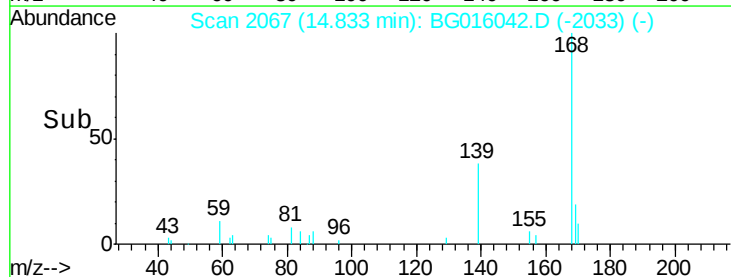
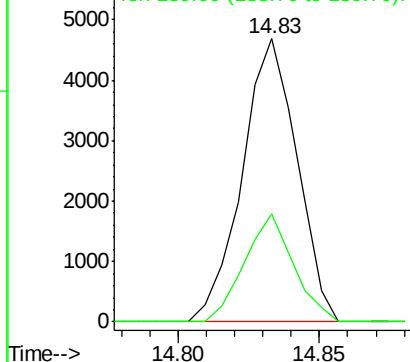
Ion Ratio Lower Upper

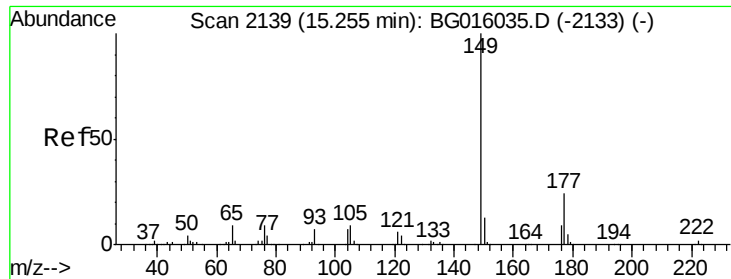
168 100

139 38.2 29.7 44.5



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





#54

Diethylphthalate

Concen: 0.39 ng/ul

RT: 15.25 min Scan# 2138

Delta R.T. -0.00 min

Lab File: BG016042.D

Acq: 25 Feb 2015 18:42

Instrument :

BNA_G

ClientSampleId :

C0AE3

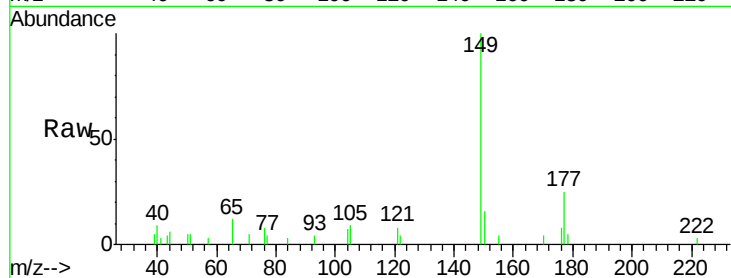
Tgt Ion:149 Resp: 7166

Ion Ratio Lower Upper

149 100

177 25.1 19.3 28.9

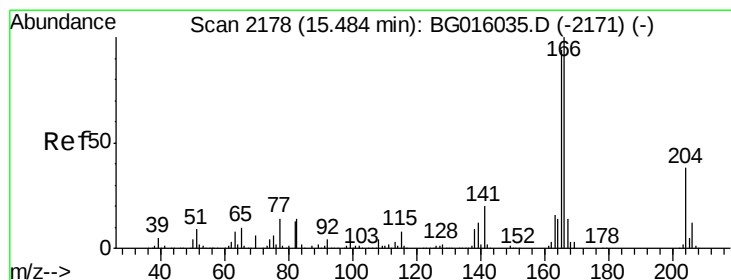
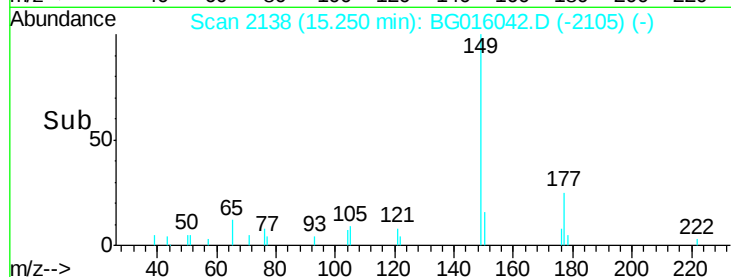
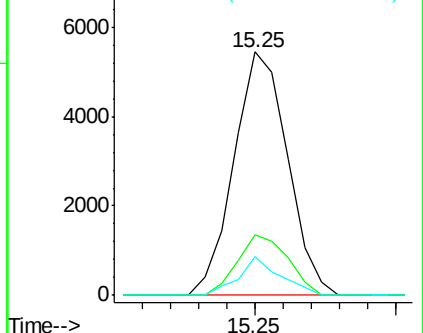
150 15.8 10.2 15.4#



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



#56

Fluorene

Concen: 0.61 ng/ul

RT: 15.48 min Scan# 2177

Delta R.T. -0.00 min

Lab File: BG016042.D

Acq: 25 Feb 2015 18:42

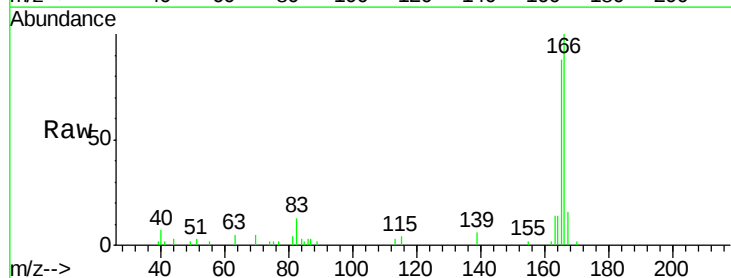
Tgt Ion:166 Resp: 12264

Ion Ratio Lower Upper

166 100

165 88.4 75.4 113.2

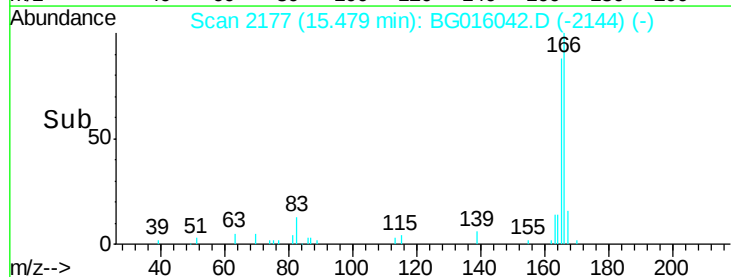
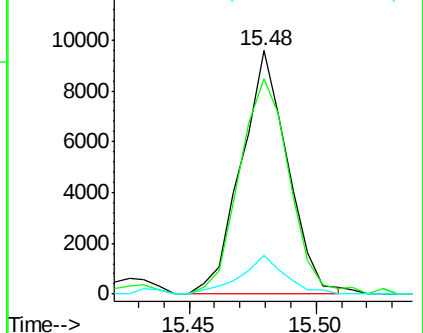
167 15.8 11.0 16.4

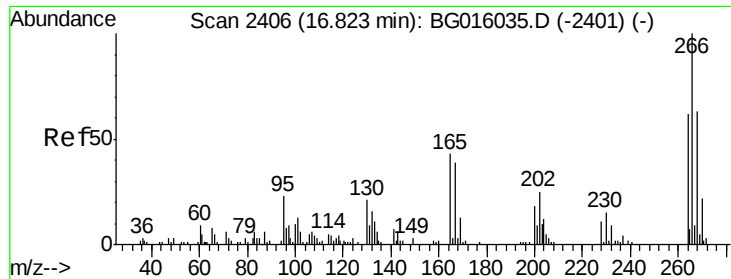


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#66

Pentachlorophenol

Concen: 0.09 ng/ul

RT: 16.82 min Scan# 2406

Delta R.T. 0.00 min

Lab File: BG016042.D

Acq: 25 Feb 2015 18:42

Instrument :

BNA_G

ClientSampleId :

C0AE3

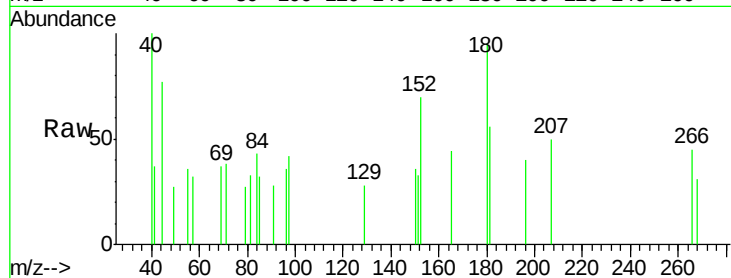
Tgt Ion:266 Resp: 226

Ion Ratio Lower Upper

266 100

264 0.0 46.6 70.0#

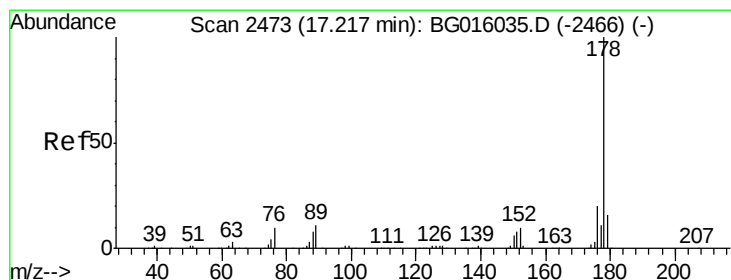
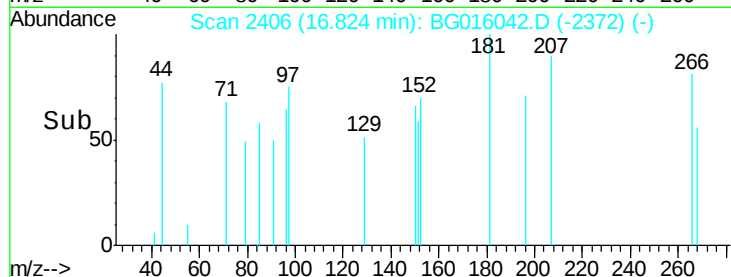
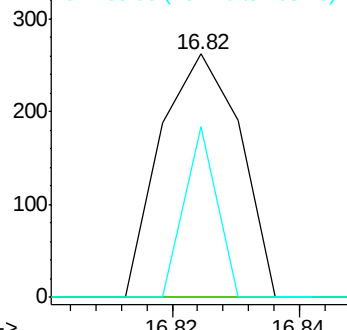
268 69.8 49.0 73.4



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



#67

Phenanthrene

Concen: 4.69 ng/ul

RT: 17.22 min Scan# 2473

Delta R.T. 0.00 min

Lab File: BG016042.D

Acq: 25 Feb 2015 18:42

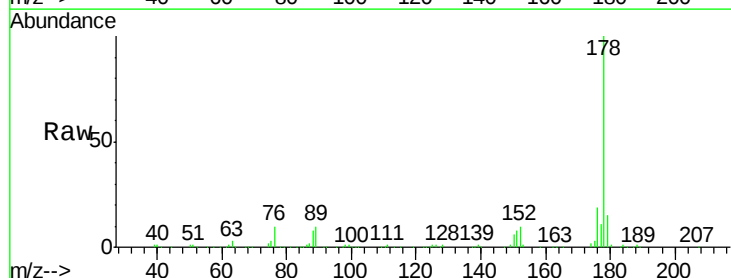
Tgt Ion:178 Resp: 136978

Ion Ratio Lower Upper

178 100

179 15.3 12.8 19.2

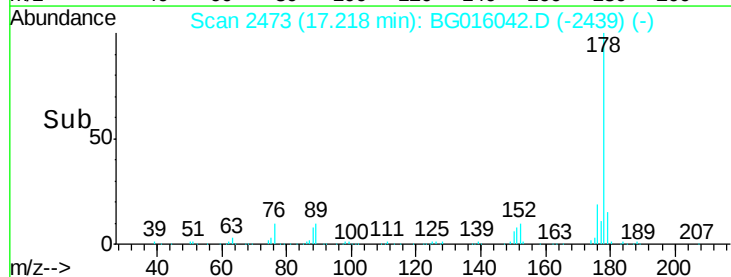
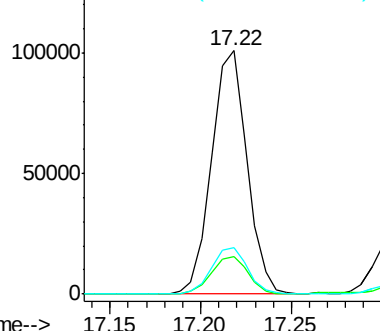
176 19.2 16.5 24.7

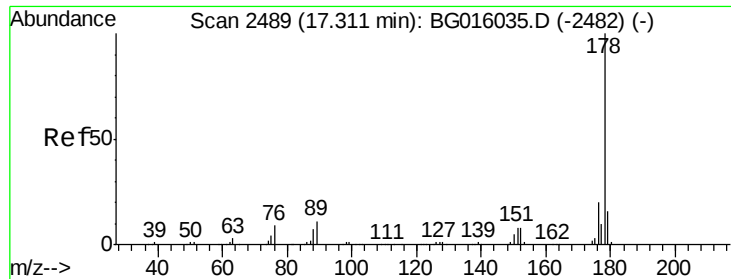


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#69

Anthracene

Concen: 1.16 ng/ul

RT: 17.31 min Scan# 2488

Delta R.T. -0.00 min

Lab File: BG016042.D

Acq: 25 Feb 2015 18:42

Instrument :

BNA_G

ClientSampleId :

C0AE3

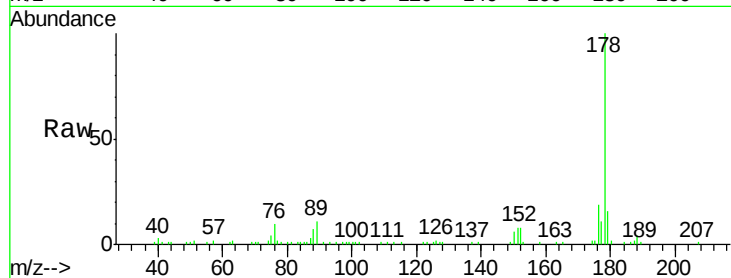
Tgt Ion:178 Resp: 34522

Ion Ratio Lower Upper

178 100

179 15.8 12.9 19.3

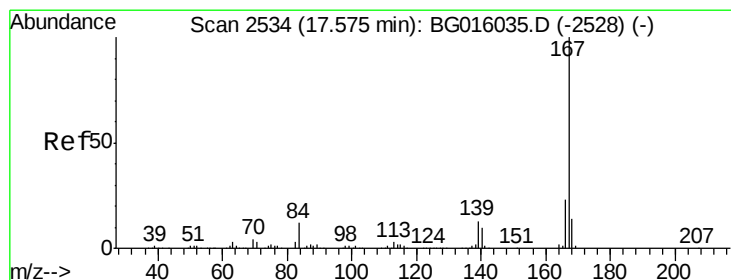
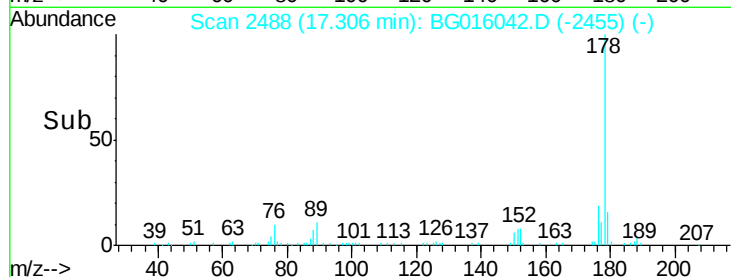
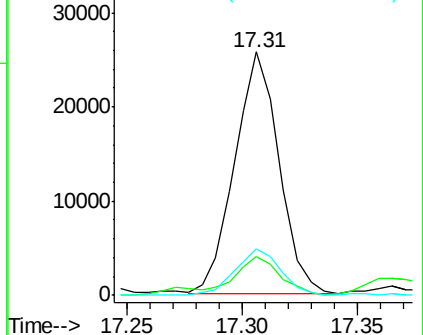
176 19.0 15.7 23.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#72

Carbazole

Concen: 0.26 ng/ul

RT: 17.58 min Scan# 2534

Delta R.T. 0.00 min

Lab File: BG016042.D

Acq: 25 Feb 2015 18:42

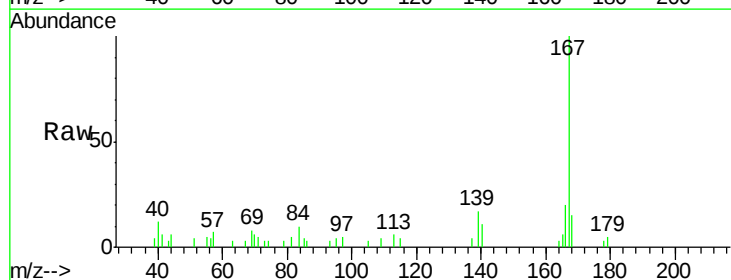
Tgt Ion:167 Resp: 7319

Ion Ratio Lower Upper

167 100

166 19.8 17.5 26.3

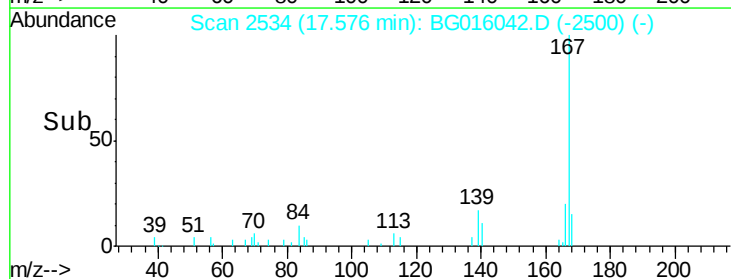
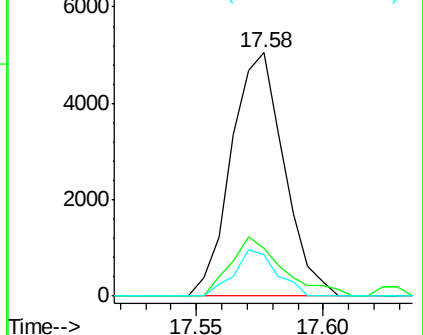
139 17.2 10.7 16.1#

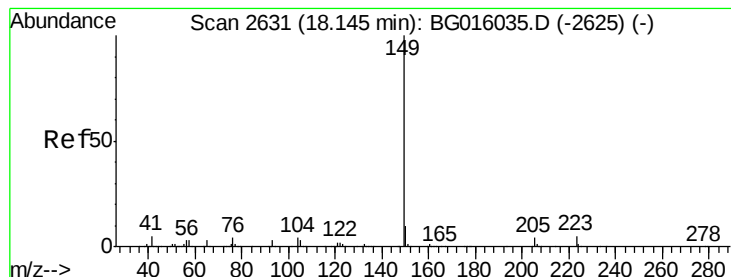


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 0.09 ng/ul

RT: 18.14 min Scan# 2630

Delta R.T. -0.00 min

Lab File: BG016042.D

Acq: 25 Feb 2015 18:42

Instrument :

BNA_G

ClientSampleId :

C0AE3

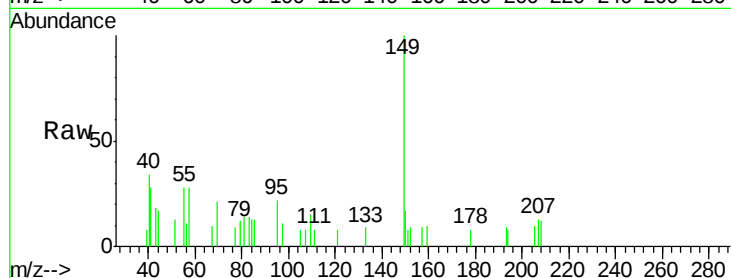
Tgt Ion:149 Resp: 2588

Ion Ratio Lower Upper

149 100

150 17.0 7.6 11.4#

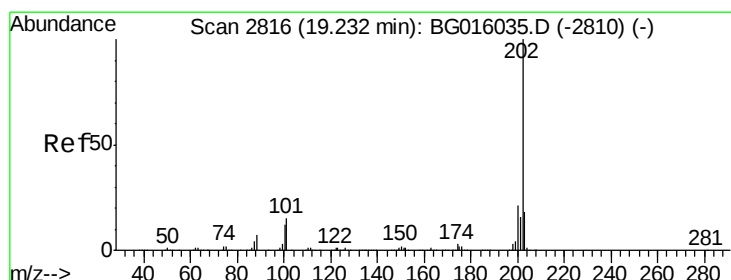
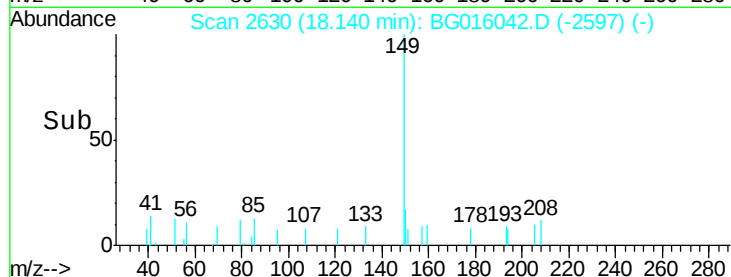
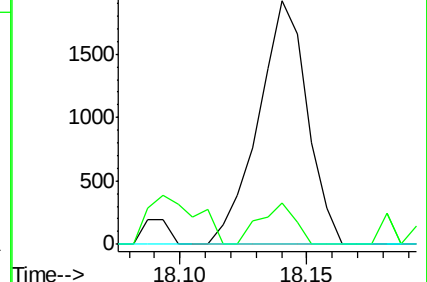
104 0.0 3.7 5.5#



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: 9.67 ng/ul

RT: 19.23 min Scan# 2815

Delta R.T. -0.00 min

Lab File: BG016042.D

Acq: 25 Feb 2015 18:42

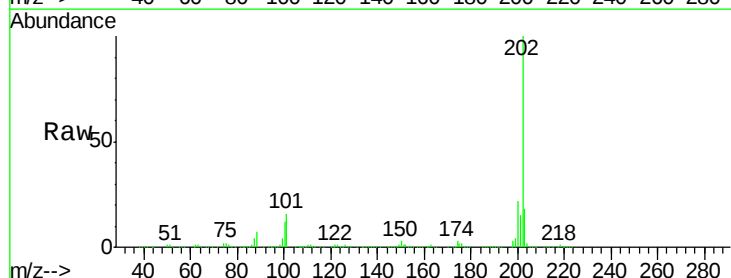
Tgt Ion:202 Resp: 308493

Ion Ratio Lower Upper

202 100

101 15.9 12.3 18.5

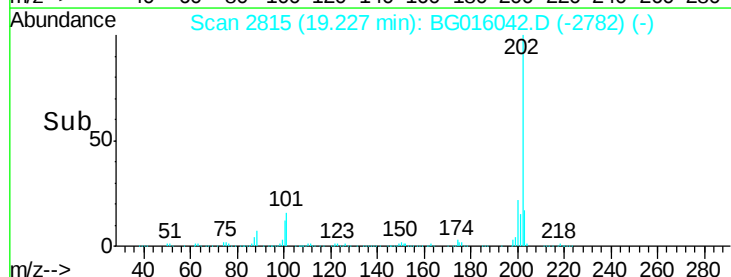
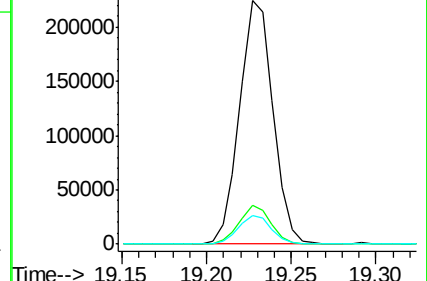
100 11.6 9.8 14.6

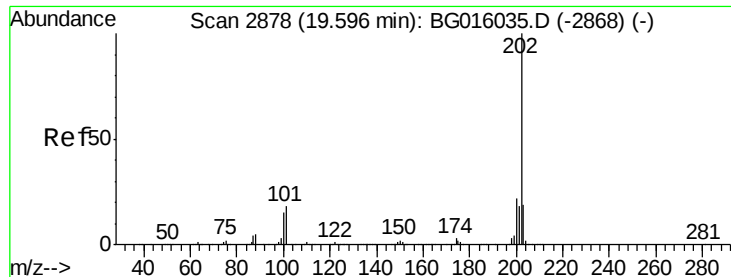


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#77

Pyrene

Concen: 8.10 ng/ul

RT: 19.59 min Scan# 2877

Delta R.T. -0.00 min

Lab File: BG016042.D

Acq: 25 Feb 2015 18:42

Instrument :

BNA_G

ClientSampleId :

C0AE3

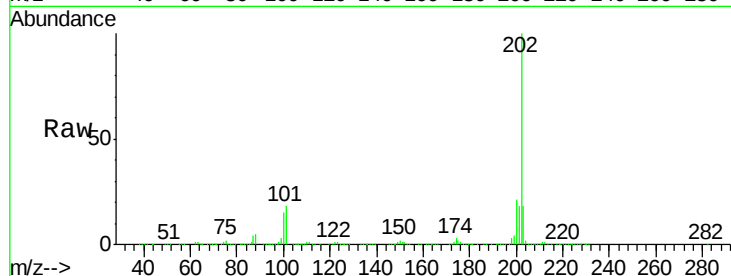
Tgt Ion:202 Resp: 255974

Ion Ratio Lower Upper

202 100

101 18.0 15.8 23.8

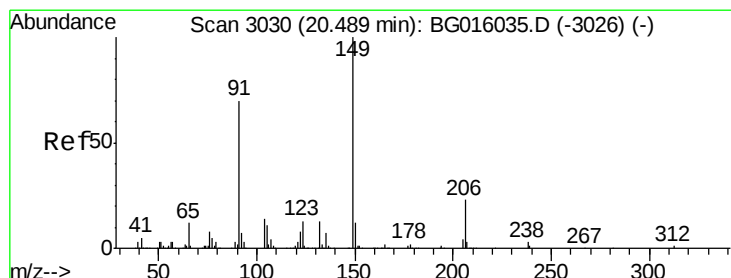
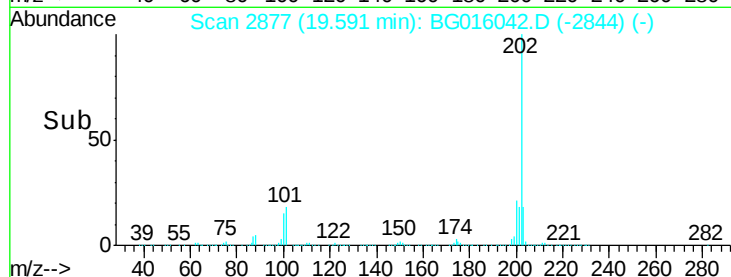
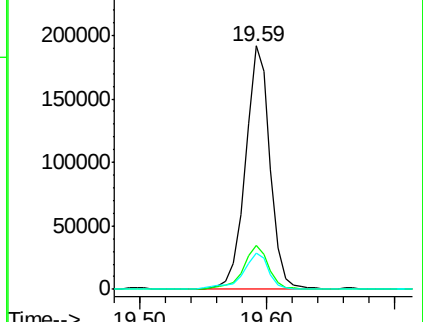
100 15.0 12.7 19.1



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



#78

Butylbenzylphthalate

Concen: 0.03 ng/ul

RT: 20.49 min Scan# 3030

Delta R.T. 0.00 min

Lab File: BG016042.D

Acq: 25 Feb 2015 18:42

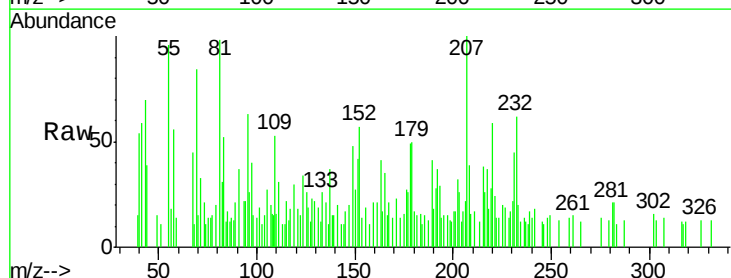
Tgt Ion:149 Resp: 318

Ion Ratio Lower Upper

149 100

91 78.5 53.6 80.4

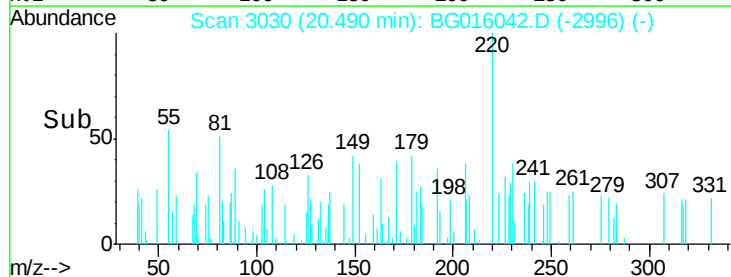
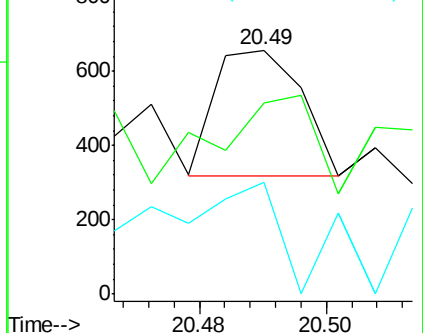
206 46.0 19.1 28.7#

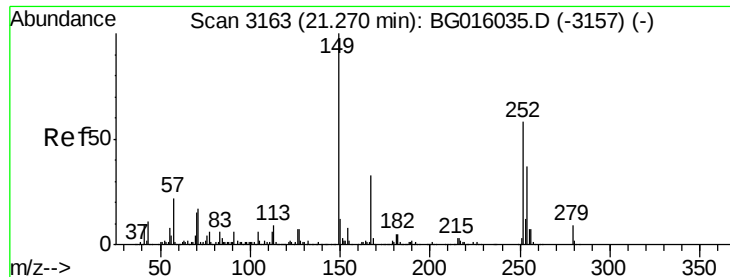


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E





#79

3,3'-Dichlorobenzidine

Concen: 0.03 ng/ul

RT: 21.27 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BG016042.D

Acq: 25 Feb 2015 18:42

Instrument :

BNA_G

ClientSampleId :

C0AE3

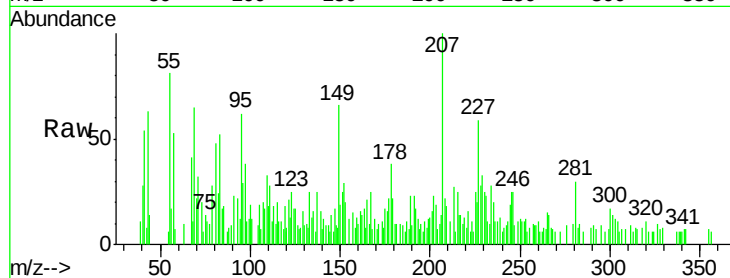
Tgt Ion:252 Resp: 188

Ion Ratio Lower Upper

252 100

254 50.8 52.3 78.5#

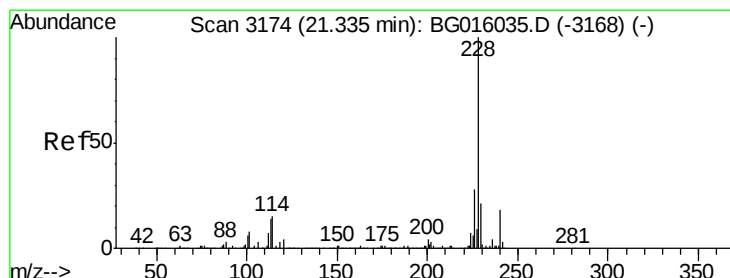
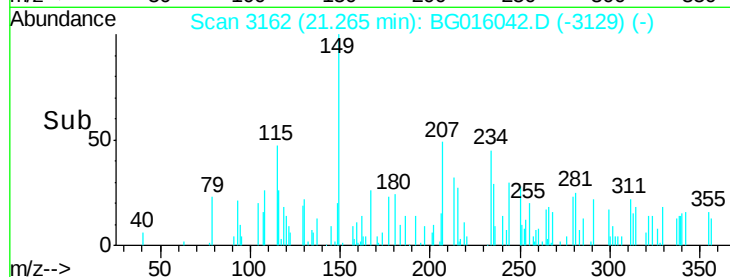
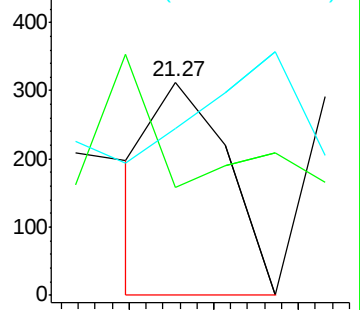
126 78.3 10.5 15.7#



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: 5.70 ng/ul

RT: 21.33 min Scan# 3173

Delta R.T. -0.00 min

Lab File: BG016042.D

Acq: 25 Feb 2015 18:42

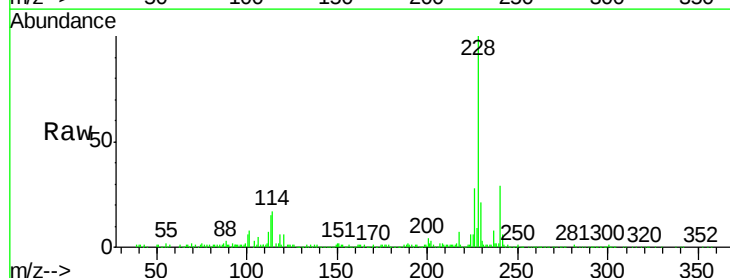
Tgt Ion:228 Resp: 164749

Ion Ratio Lower Upper

228 100

229 20.7 16.4 24.6

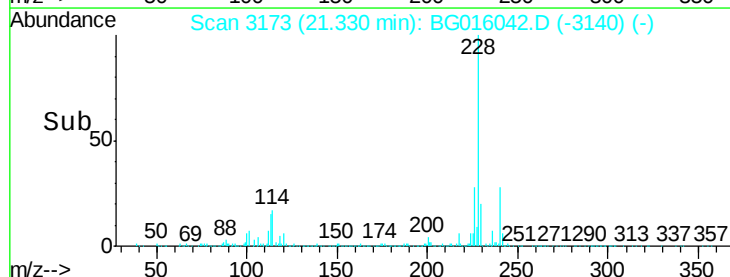
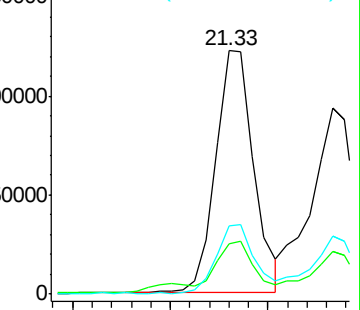
226 28.3 22.8 34.2

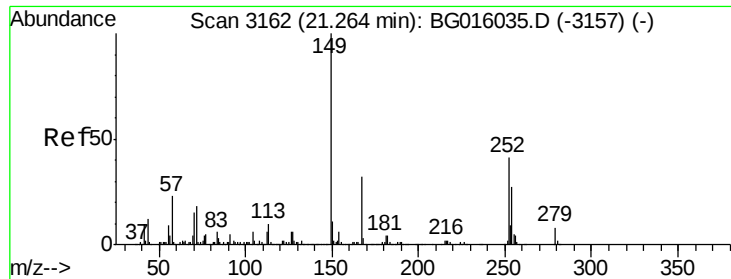


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#81

Bis(2-ethylhexyl)phthalate

Concen: 0.10 ng/ul

RT: 21.26 min Scan# 3161

Delta R.T. -0.00 min

Lab File: BG016042.D

Acq: 25 Feb 2015 18:42

Instrument :

BNA_G

ClientSampleId :

C0AE3

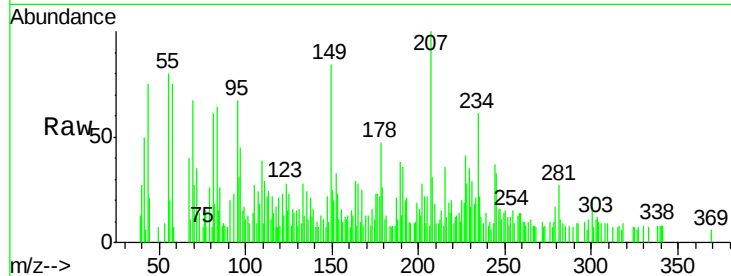
Tgt Ion:149 Resp: 1588

Ion Ratio Lower Upper

149 100

167 29.6 25.5 38.3

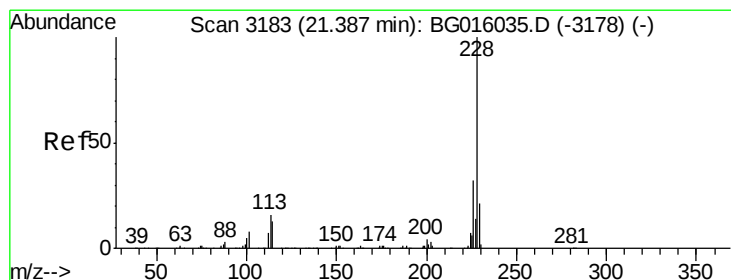
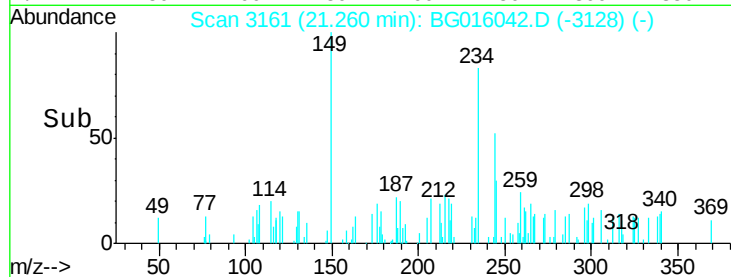
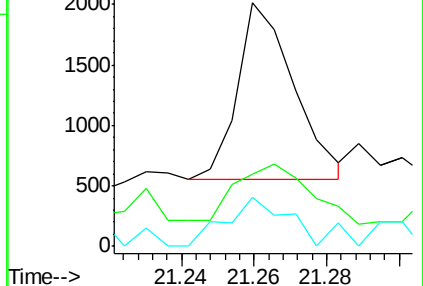
279 20.4 6.0 9.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#82

Chrysene

Concen: 5.27 ng/ul

RT: 21.38 min Scan# 3182

Delta R.T. -0.00 min

Lab File: BG016042.D

Acq: 25 Feb 2015 18:42

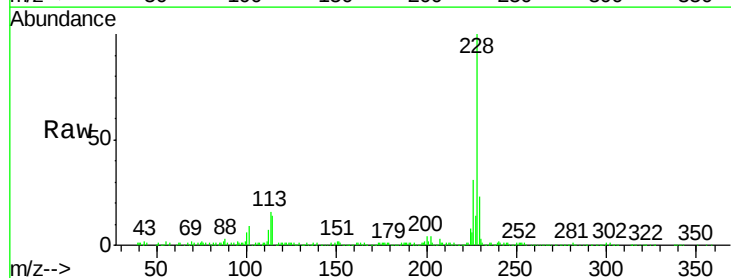
Tgt Ion:228 Resp: 145300

Ion Ratio Lower Upper

228 100

226 31.1 24.7 37.1

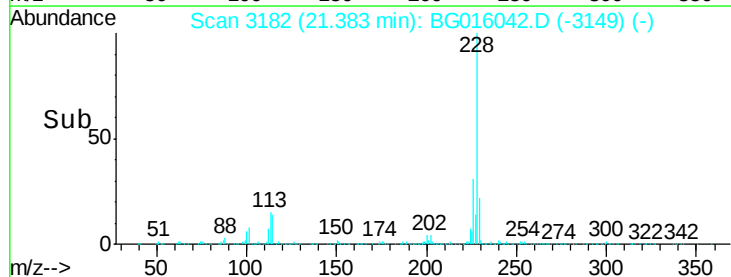
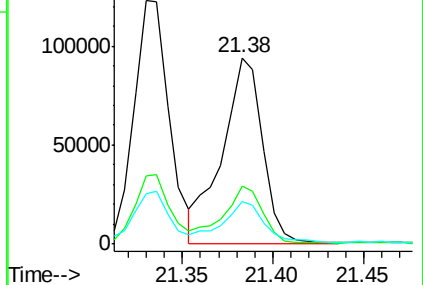
229 23.0 17.0 25.6

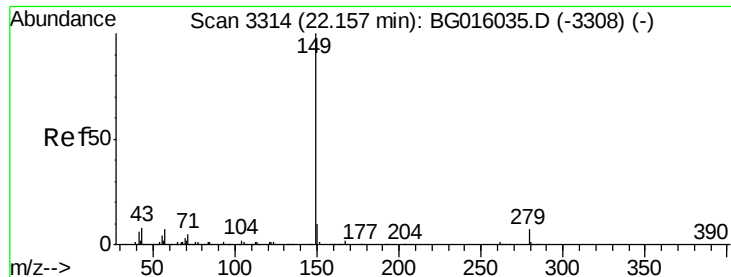


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Di-n-octyl phthalate

Concen: 0.01 ng/ul

RT: 22.16 min Scan# 3315

Delta R.T. 0.01 min

Lab File: BG016042.D

Acq: 25 Feb 2015 18:42

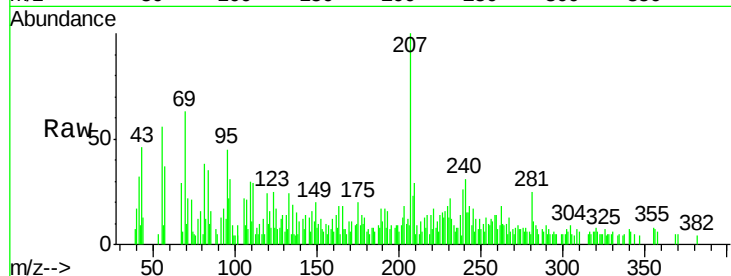
Instrument :

BNA_G

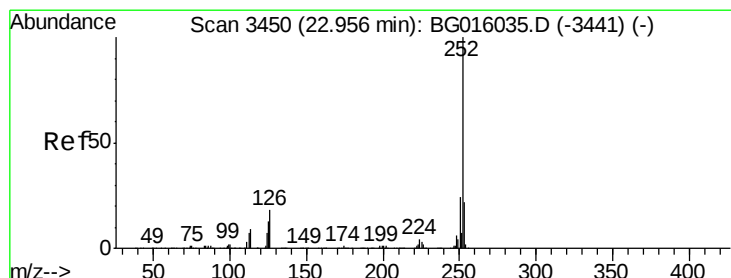
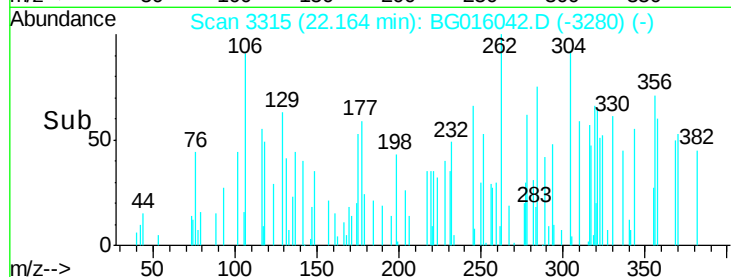
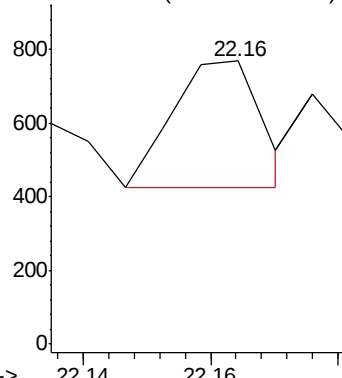
ClientSampleId :

C0AE3

Tgt Ion:149 Resp: 329



Abundance Ion 149.00 (148.70 to 149.70): E



#85

Benzo(b)fluoranthene

Concen: 7.63 ng/ul

RT: 22.95 min Scan# 3449

Delta R.T. -0.00 min

Lab File: BG016042.D

Acq: 25 Feb 2015 18:42

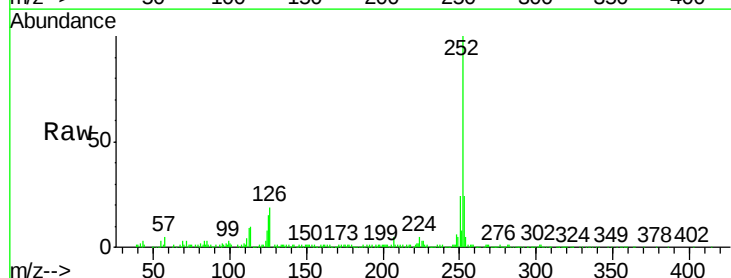
Tgt Ion:252 Resp: 217061

Ion Ratio Lower Upper

252 100

253 23.8 18.2 27.2

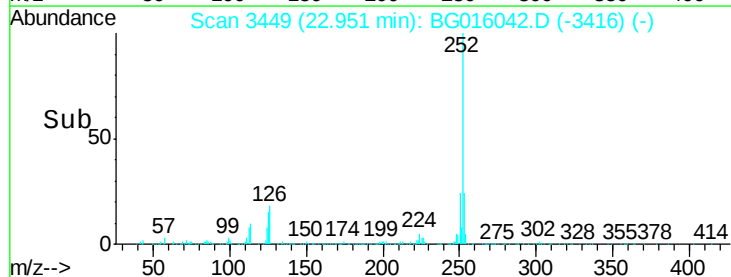
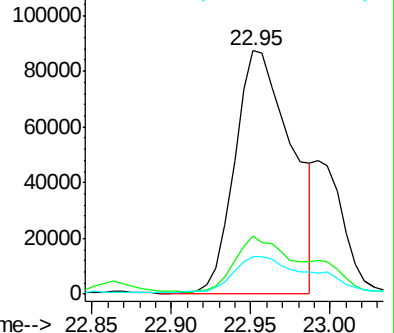
125 15.2 11.9 17.9

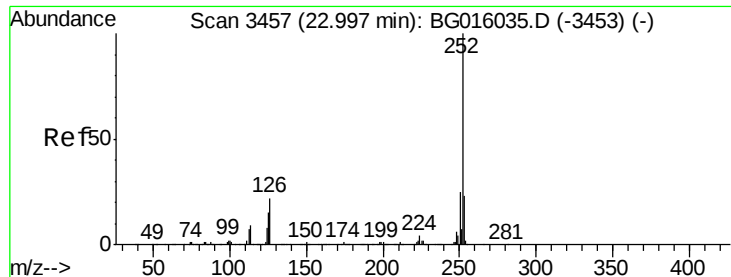


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 1.96 ng/ul

RT: 22.95 min Scan# 3449

Delta R.T. -0.05 min

Lab File: BG016042.D

Acq: 25 Feb 2015 18:42

Instrument :

BNA_G

ClientSampleId :

C0AE3

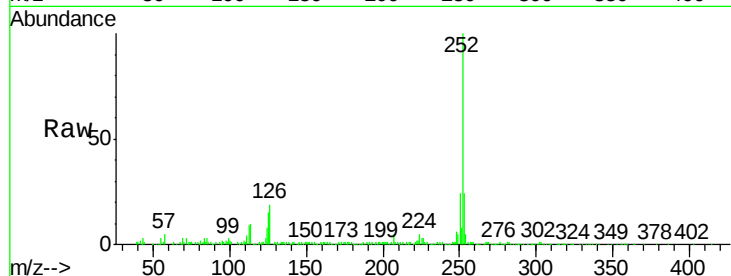
Tgt Ion:252 Resp: 56025

Ion Ratio Lower Upper

252 100

253 23.8 18.2 27.2

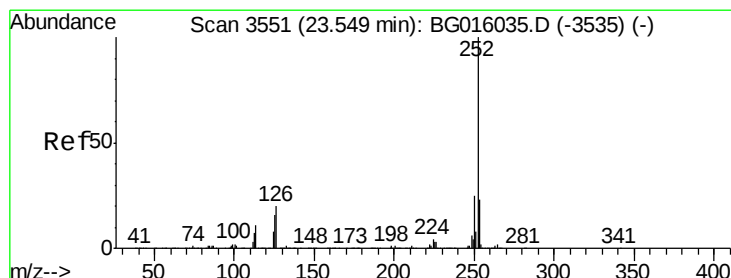
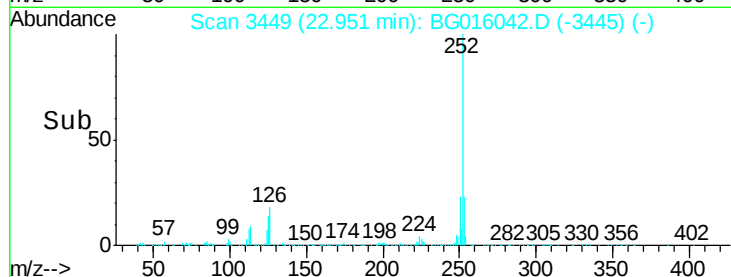
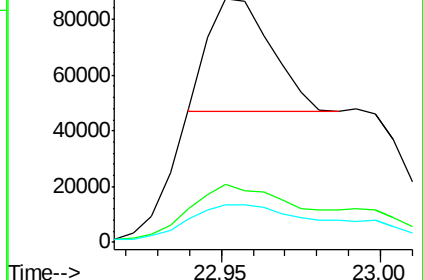
125 15.2 11.4 17.2



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: 5.38 ng/ul

RT: 23.55 min Scan# 3551

Delta R.T. 0.00 min

Lab File: BG016042.D

Acq: 25 Feb 2015 18:42

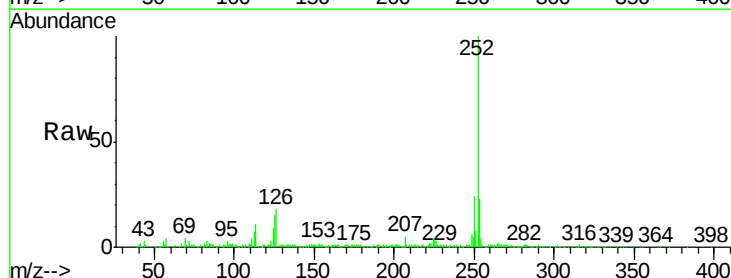
Tgt Ion:252 Resp: 151998

Ion Ratio Lower Upper

252 100

253 23.1 17.9 26.9

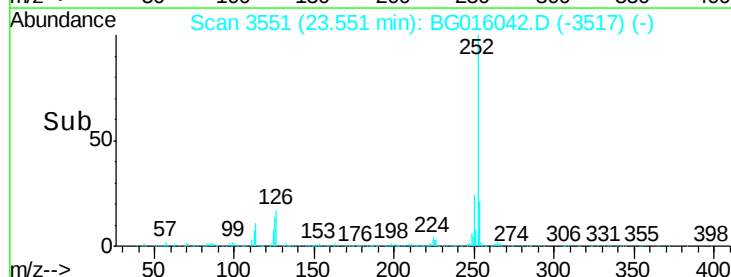
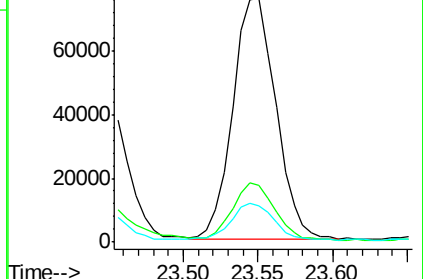
125 15.1 13.2 19.8

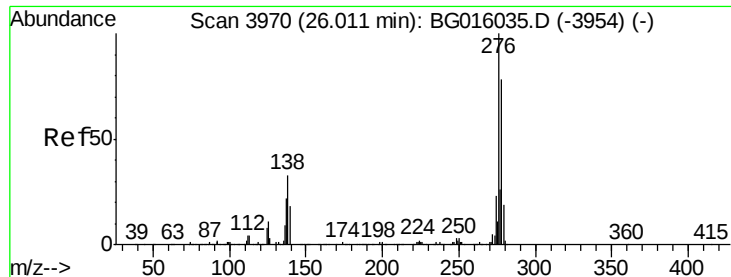


Abundance Ion 252.00 (251.70 to 252.70): E

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: 2.95 ng/ul

RT: 25.99 min Scan# 3967

Delta R.T. -0.02 min

Lab File: BG016042.D

Acq: 25 Feb 2015 18:42

Instrument :

BNA_G

ClientSampleId :

C0AE3

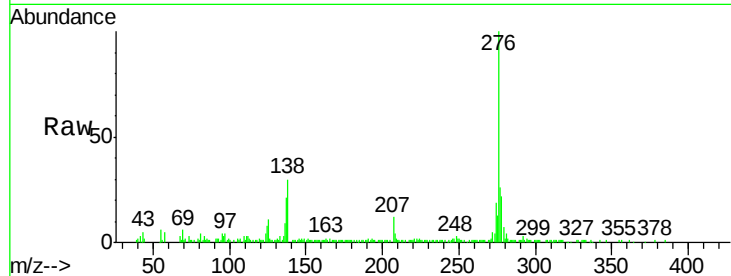
Tgt Ion:276 Resp: 96983

Ion Ratio Lower Upper

276 100

138 29.5 26.2 39.4

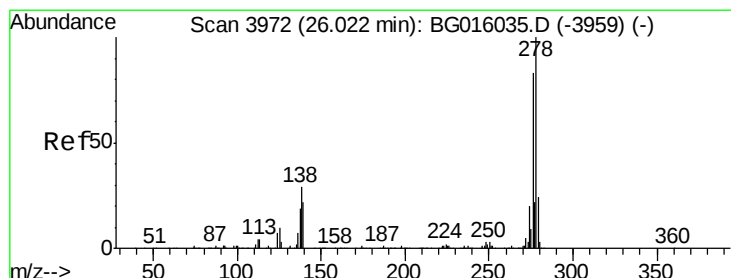
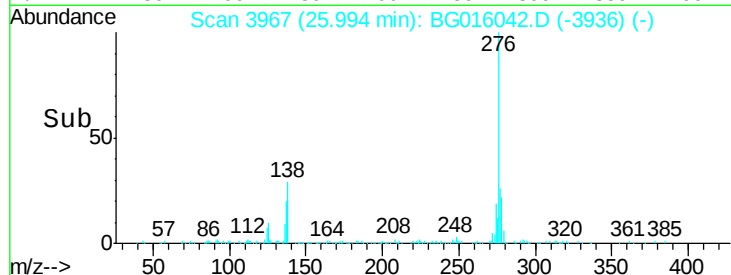
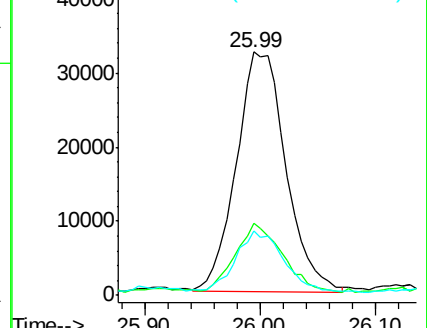
277 26.3 21.0 31.6



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: 0.94 ng/ul

RT: 26.01 min Scan# 3970

Delta R.T. -0.01 min

Lab File: BG016042.D

Acq: 25 Feb 2015 18:42

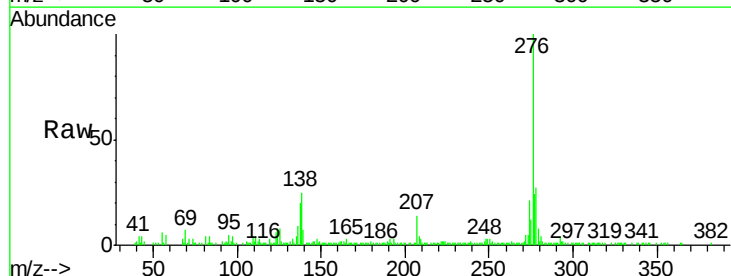
Tgt Ion:278 Resp: 25817

Ion Ratio Lower Upper

278 100

139 25.2 17.0 25.4

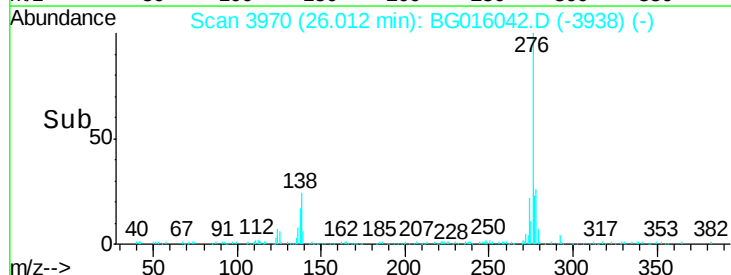
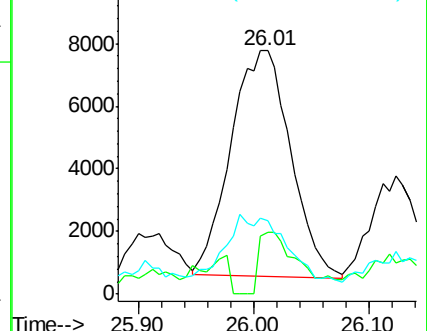
279 30.2 19.3 28.9#

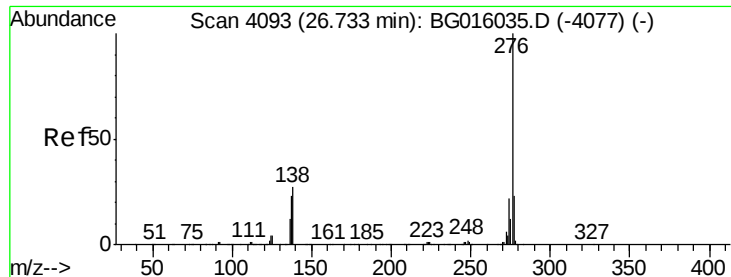


Abundance Ion 278.00 (277.70 to 278.70): E

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: 2.95 ng/ul
 RT: 26.72 min Scan# 4091
 Delta R.T. -0.01 min
 Lab File: BG016042.D
 Acq: 25 Feb 2015 18:42

Instrument :
 BNA_G
 ClientSampleId :
 C0AE3

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.9	23.0	34.4
277	25.0	20.0	30.0

