

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
 Data File : BG021979.D
 Acq On : 21 May 2016 16:35
 Operator : UM/SJ
 Sample : PB90760BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD16006

Quant Time: May 22 06:43:13 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun May 22 06:41:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	34067	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	175209	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.78	164	97981	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.53	188	200864	20.00	ng/ul	0.00
76) Chrysene-d12	21.81	240	174749	20.00	ng/ul	0.00
84) Perylene-d12	25.14	264	169997	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	5512	8.43	ng/uL	0.00
5) Phenol-d5	7.31	99	111447	36.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	62913	38.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	95882	37.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	99004	37.93	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	50593	39.15	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	54684	39.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	90731	35.96	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	133723	49.72	ng/ul	0.00
44) Dimethylphthalate-d6	14.18	166	301590	40.98	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	406011	39.51	ng/ul	0.00
52) 4-Nitrophenol-d4	14.98	143	40081	31.63	ng/ul	0.00
58) Fluorene-d10	15.77	176	267774	38.85	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.89	200	28994	27.61	ng/ul	0.00
71) Anthracene-d10	17.63	188	387363	40.07	ng/ul	0.00
77) Pyrene-d10	19.91	212	413777	41.99	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.91	264	313040	39.69	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.57	88	137	0.12 ng/uL#	30
4) Benzaldehyde	7.69	77	1726	1.02 ng/ul#	73
8) Bis(2-Chloroethyl)ether	7.57	93	237	0.10 ng/ul#	26
12) 2,2'-oxybis(1-Chloropropan	8.87	45	512	0.19 ng/ul#	64
15) N-Nitroso-di-n-propylamine	8.86	70	1869	0.99 ng/ul#	1
17) Hexachloroethane	8.87	117	353	0.35 ng/ul#	10
21) Isophorone	9.89	82	350	0.06 ng/ul#	64
28) Naphthalene	11.03	128	354	0.04 ng/ul#	67
43) 2-Nitroaniline	14.18	65	770	0.57 ng/ul#	1
45) Dimethylphthalate	14.23	163	263	0.04 ng/ul#	75
46) 2,6-Dinitrotoluene	14.20	165	319	0.20 ng/ul#	34
48) Acenaphthylene	14.51	152	400	0.04 ng/ul#	59
50) Acenaphthene	14.84	153	261	0.04 ng/ul#	57
54) Dibenzofuran	15.18	168	73	0.01 ng/ul#	40
55) 2,4-Dinitrotoluene	14.78	165	12644	5.91 ng/ul#	46
57) Diethylphthalate	15.59	149	372	0.05 ng/ul#	59
59) Fluorene	15.83	166	283	0.04 ng/ul#	73
65) N-Nitrosodiphenylamine	15.89	169	156	0.02 ng/ul#	18
70) Phenanthrene	17.57	178	621	0.06 ng/ul#	59
72) Anthracene	17.66	178	496	0.04 ng/ul#	59
74) Di-n-butylphthalate	18.47	149	858	0.07 ng/ul#	79
75) Fluoranthene	19.57	202	449	0.04 ng/ul#	69
78) Pyrene	19.93	202	662	0.05 ng/ul#	61

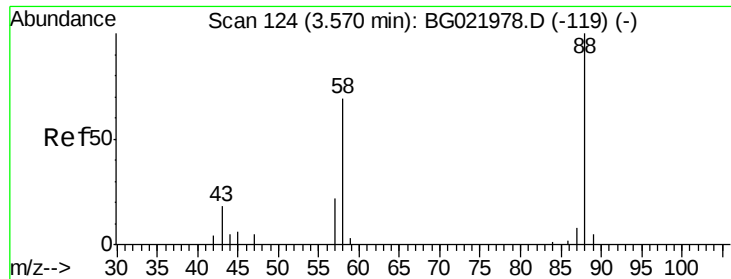
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
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Quant Title : SVOA CALIBRATION
QLast Update : Sun May 22 06:41:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) Butylbenzylphthalate	20.81	149	442	0.08	ng/ul#	76
80) 3,3'-Dichlorobenzidine	21.70	252	109	0.03	ng/ul#	26
81) Benzo(a)anthracene	21.80	228	816	0.08	ng/ul#	51
82) Bis(2-ethylhexyl)phthalate	21.68	149	1355	0.16	ng/ul#	52
83) Chrysene	21.86	228	924	0.09	ng/ul#	50
85) Di-n-octyl phthalate	22.91	149	853	0.06	ng/ul	100
86) Benzo(b)fluoranthene	24.08	252	275	0.03	ng/ul#	8
87) Benzo(k)fluoranthene	24.14	252	456	0.05	ng/ul#	44
89) Benzo(a)pyrene	24.98	252	834	0.09	ng/ul#	21
90) Indeno(1,2,3-cd)pyrene	28.95	276	119	0.01	ng/ul#	51
92) Benzo(g,h,i)perylene	30.13	276	63	0.01	ng/ul#	51

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



#2

1,4-Dioxane

Concen: 0.12 ng/uL

RT: 3.57 min Scan# 124

Delta R.T. -0.00 min

Lab File: BG021979.D

Acq: 21 May 2016 16:35

Instrument :

BNA_G

ClientSampleId :

SSTD16006

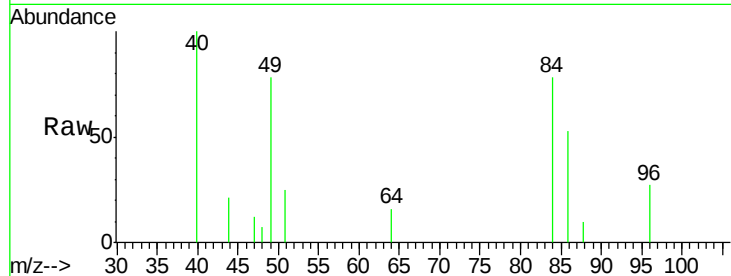
Tgt Ion: 88 Resp: 137

Ion Ratio Lower Upper

88 100

43 0.0 16.6 24.8#

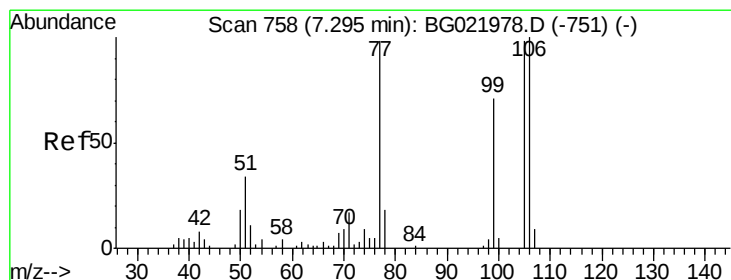
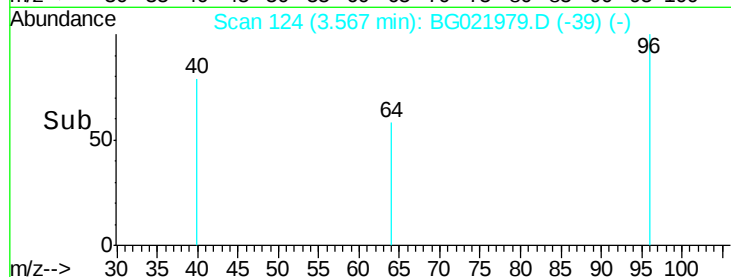
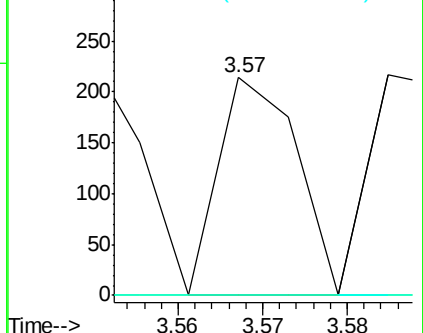
58 0.0 47.2 70.8#



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: 1.02 ng/uL

RT: 7.69 min Scan# 825

Delta R.T. 0.39 min

Lab File: BG021979.D

Acq: 21 May 2016 16:35

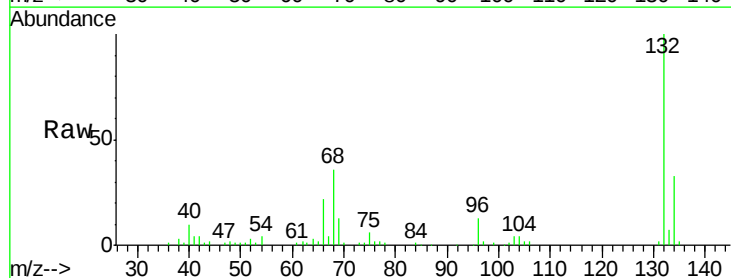
Tgt Ion: 77 Resp: 1726

Ion Ratio Lower Upper

77 100

105 81.1 83.8 125.8#

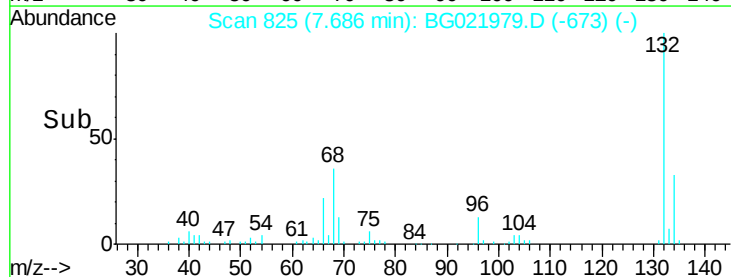
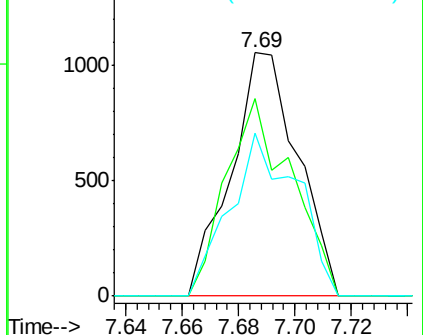
106 66.9 77.9 116.9#

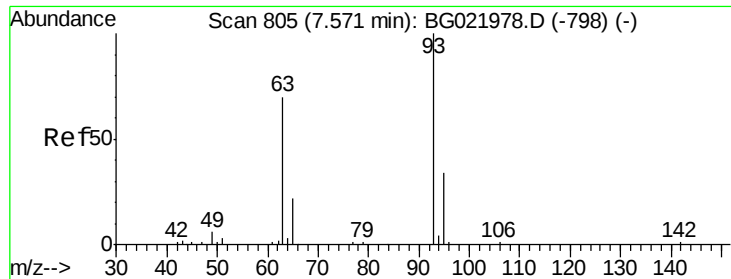


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC





#8

Bis(2-Chloroethyl)ether

Concen: 0.10 ng/ul

RT: 7.57 min Scan# 805

Delta R.T. -0.00 min

Lab File: BG021979.D

Acq: 21 May 2016 16:35

Instrument :

BNA_G

ClientSampleId :

SSTD16006

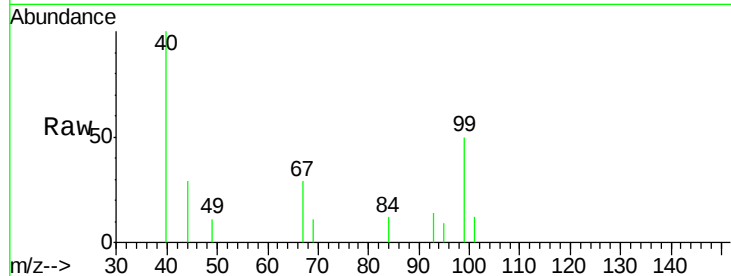
Tgt Ion: 93 Resp: 237

Ion Ratio Lower Upper

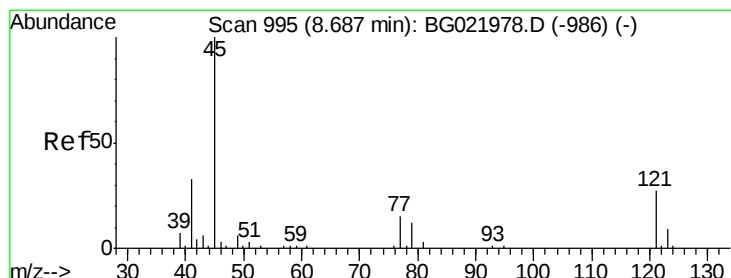
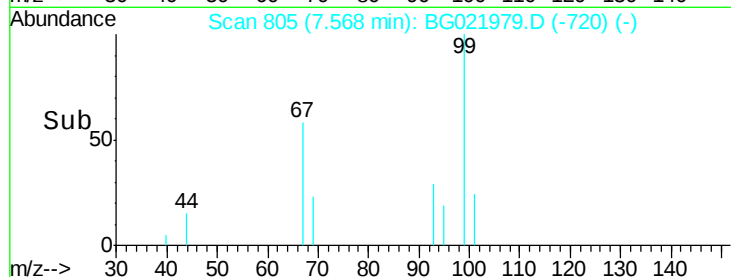
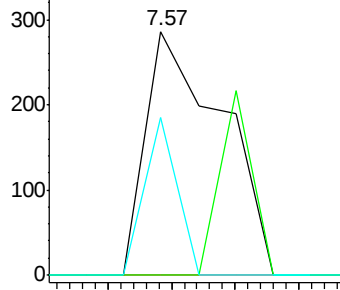
93 100

63 0.0 56.0 84.0#

95 64.7 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



#12

2,2'-oxybis(1-Chloropropane)

Concen: 0.19 ng/ul

RT: 8.87 min Scan# 1026

Delta R.T. 0.18 min

Lab File: BG021979.D

Acq: 21 May 2016 16:35

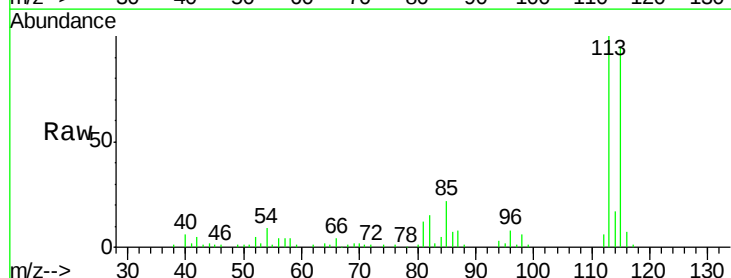
Tgt Ion: 45 Resp: 512

Ion Ratio Lower Upper

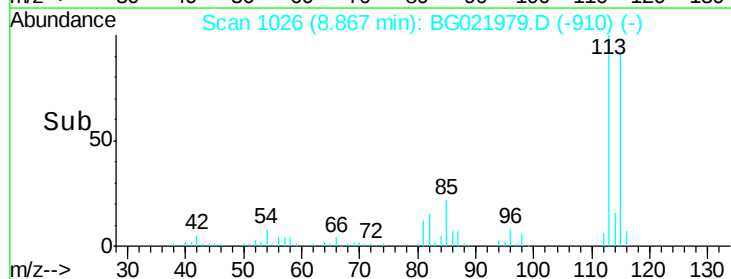
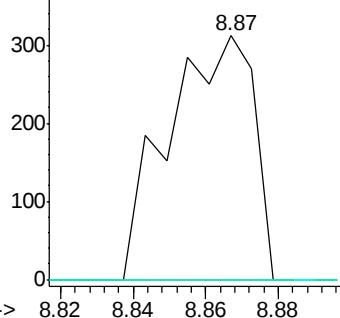
45 100

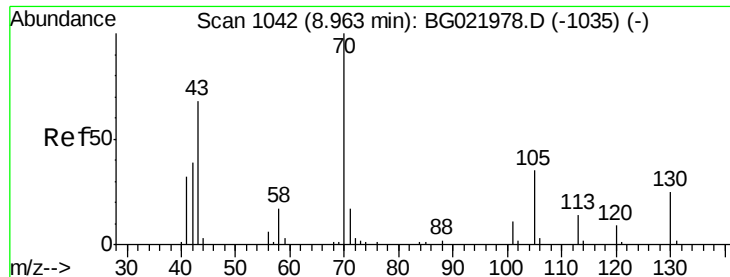
77 0.0 13.4 20.2#

79 0.0 10.2 15.4#



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





#15

N-Nitroso-di-n-propylamine

Concen: 0.99 ng/ul

RT: 8.86 min Scan# 1025

Delta R.T. -0.10 min

Lab File: BG021979.D

Acq: 21 May 2016 16:35

Instrument :

BNA_G

ClientSampleId :

SSTD16006

Tgt Ion: 70 Resp: 1869

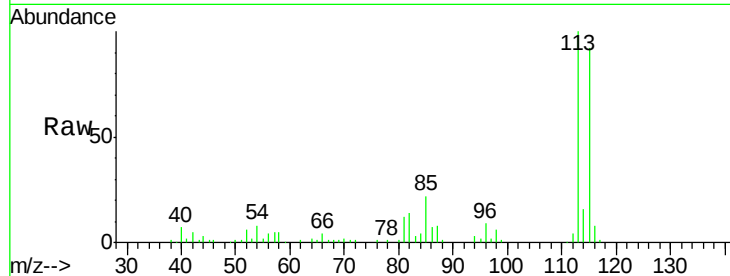
Ion Ratio Lower Upper

70 100

42 275.1 31.4 47.2#

101 0.0 8.6 13.0#

130 0.0 19.0 28.4#

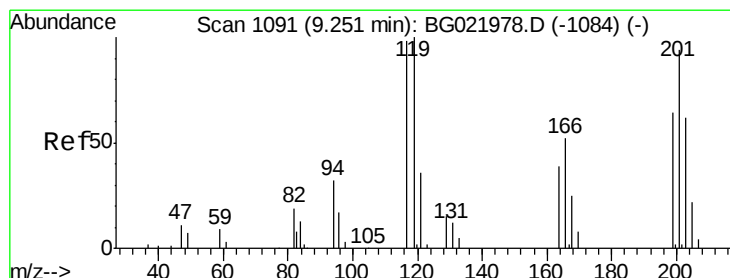
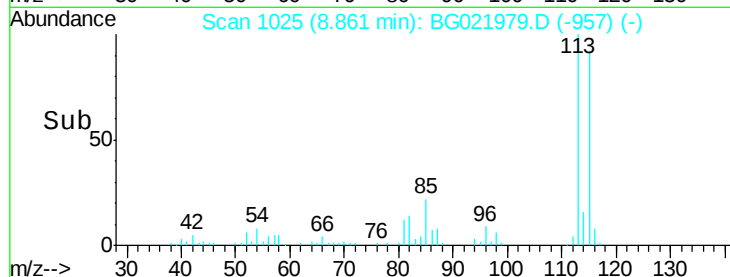
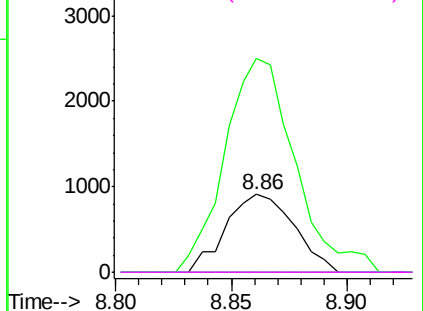


Abundance Ion 70.00 (69.70 to 70.70): BG0

Ion 42.00 (41.70 to 42.70): BG0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#17

Hexachloroethane

Concen: 0.35 ng/ul

RT: 8.87 min Scan# 1027

Delta R.T. -0.38 min

Lab File: BG021979.D

Acq: 21 May 2016 16:35

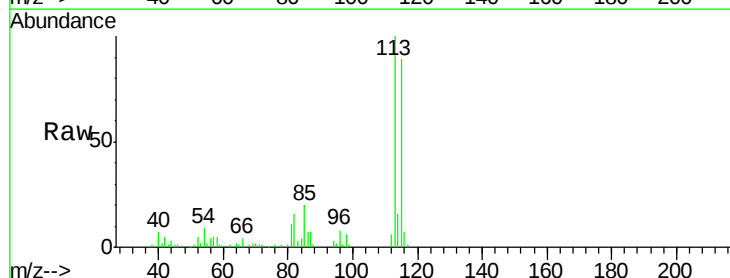
Tgt Ion: 117 Resp: 353

Ion Ratio Lower Upper

117 100

201 0.0 76.8 115.2#

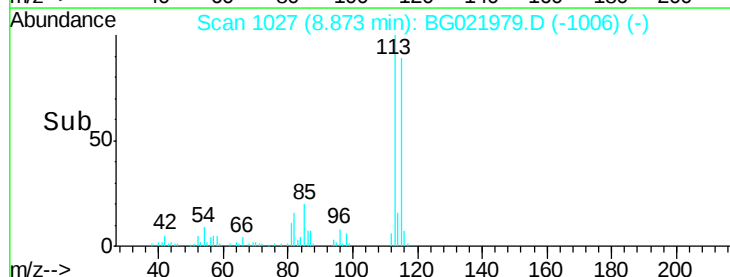
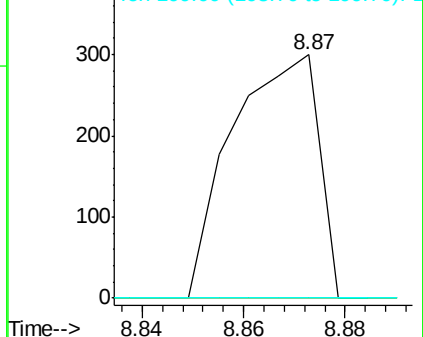
199 0.0 43.5 65.3#

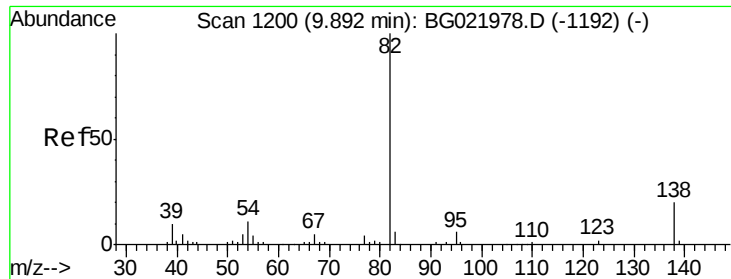


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E





#21

Isophorone

Concen: 0.06 ng/ul

RT: 9.89 min Scan# 1200

Delta R.T. -0.00 min

Lab File: BG021979.D

Acq: 21 May 2016 16:35

Instrument :

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SSTD16006

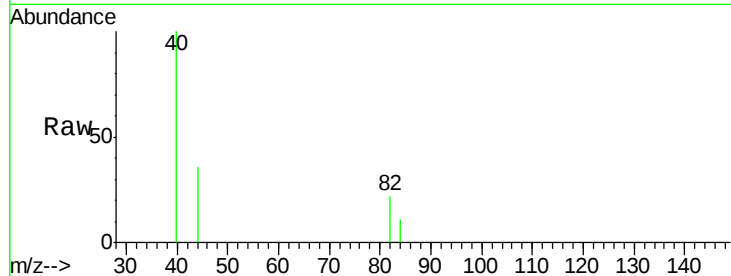
Tgt Ion: 82 Resp: 350

Ion Ratio Lower Upper

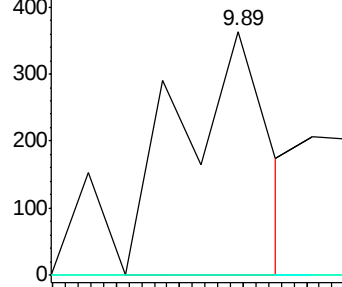
82 100

95 0.0 5.1 7.7#

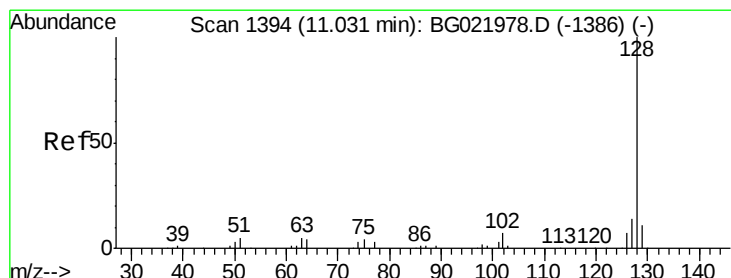
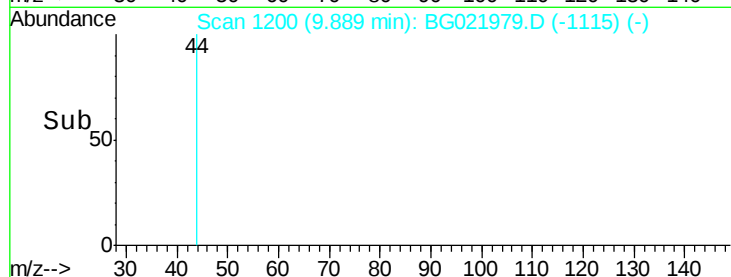
138 0.0 15.0 22.6#



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



Time--> 9.86 9.87 9.88 9.89 9.90



#28

Naphthalene

Concen: 0.04 ng/ul

RT: 11.03 min Scan# 1395

Delta R.T. 0.00 min

Lab File: BG021979.D

Acq: 21 May 2016 16:35

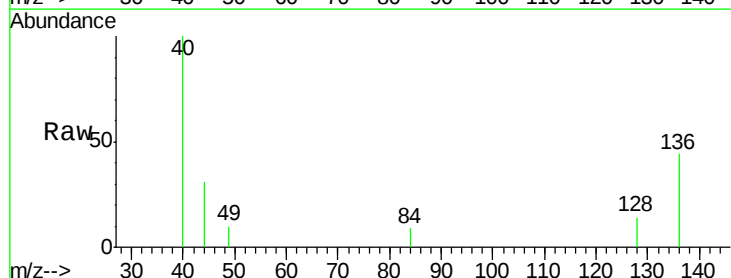
Tgt Ion: 128 Resp: 354

Ion Ratio Lower Upper

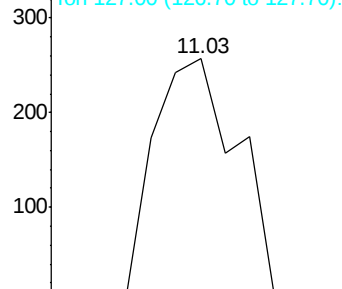
128 100

129 0.0 9.4 14.2#

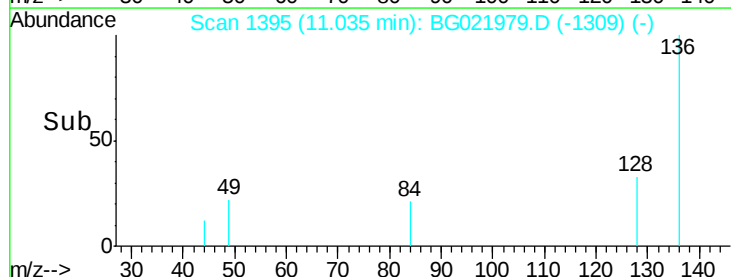
127 0.0 11.2 16.8#

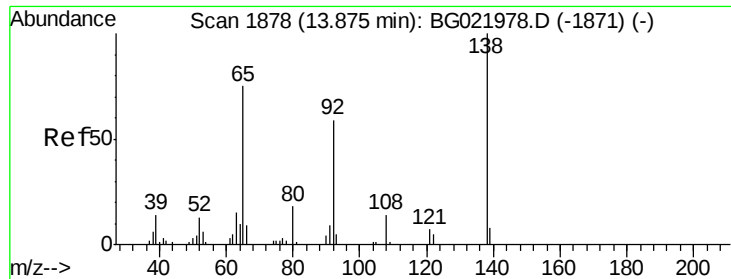


Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC



Time--> 11.00 11.02 11.04 11.06

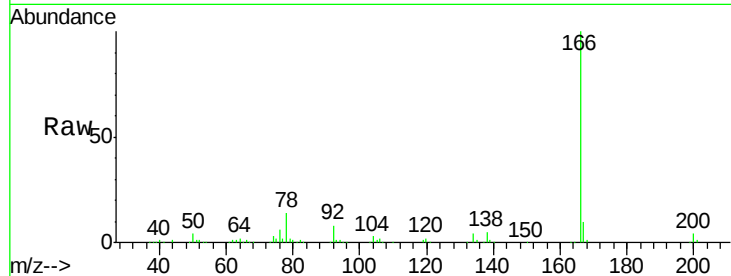




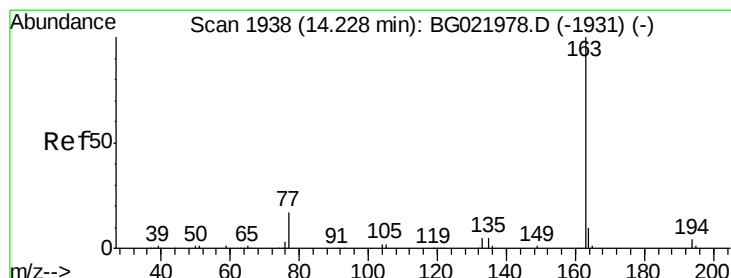
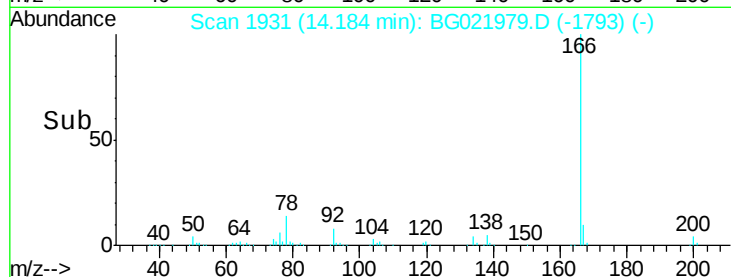
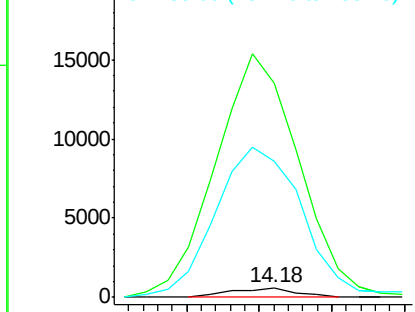
#43
2-Nitroaniline
Concen: 0.57 ng/ul
RT: 14.18 min Scan# 1931
Delta R.T. 0.31 min
Lab File: BG021979.D
Acq: 21 May 2016 16:35

Instrument :
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ClientSampleId :
SSTD16006

Tgt Ion: 65 Resp: 770
Ion Ratio Lower Upper
65 100
92 2226.1 67.1 100.7#
138 1405.6 109.6 164.4#

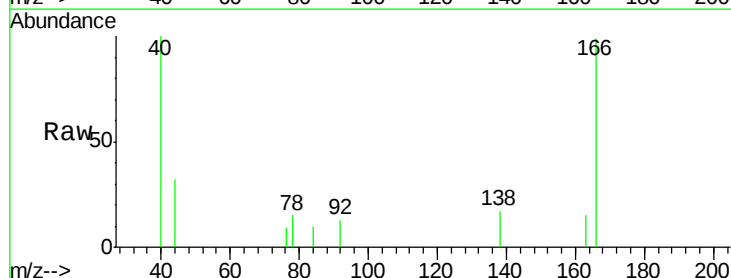


Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

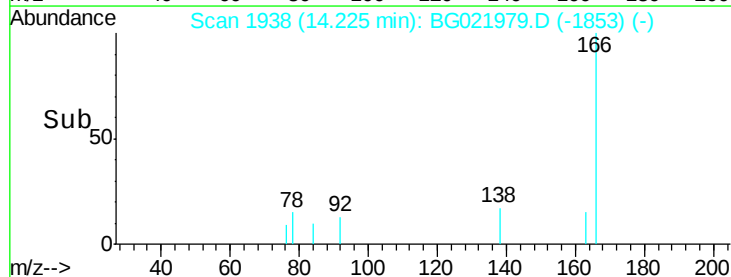
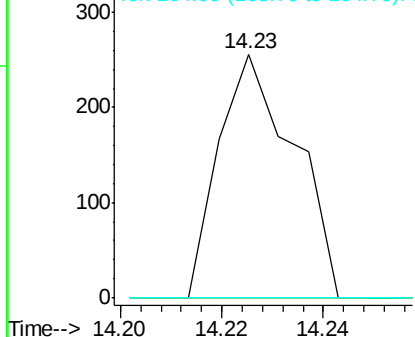


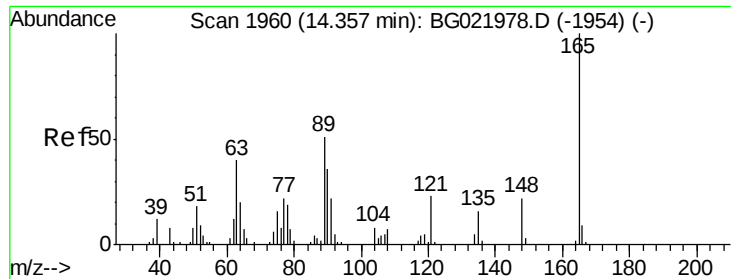
#45
Dimethylphthalate
Concen: 0.04 ng/ul
RT: 14.23 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BG021979.D
Acq: 21 May 2016 16:35

Tgt Ion: 163 Resp: 263
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): BGC
Ion 194.00 (193.70 to 194.70): BGC
Ion 164.00 (163.70 to 164.70): BGC

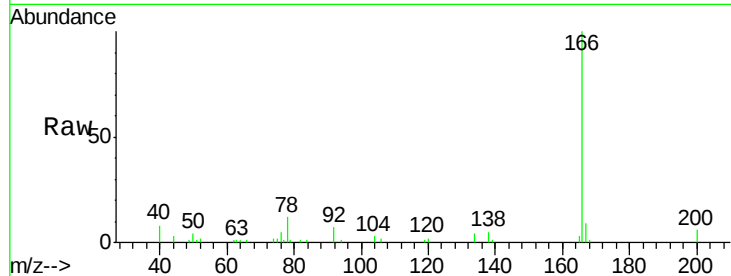




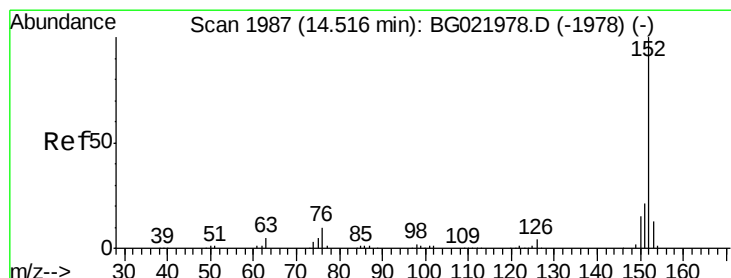
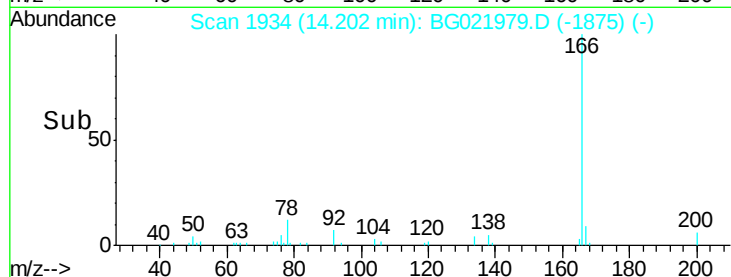
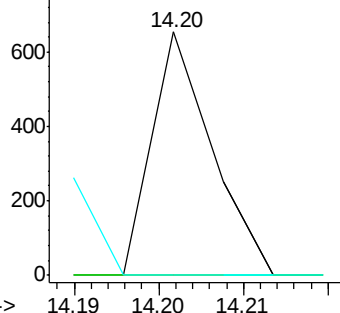
#46
 2,6-Dinitrotoluene
 Concen: 0.20 ng/ul
 RT: 14.20 min Scan# 1934
 Delta R.T. -0.16 min
 Lab File: BG021979.D
 Acq: 21 May 2016 16:35

Instrument :
 BNA_G
 ClientSampleId :
 SSTD16006

Tgt Ion:165 Resp: 319
 Ion Ratio Lower Upper
 165 100
 89 0.0 41.5 62.3#
 121 0.0 17.0 25.4#

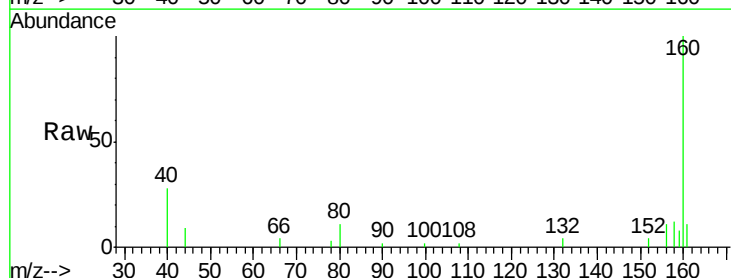


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 89.00 (88.70 to 89.70): BG
 Ion 121.00 (120.70 to 121.70): E

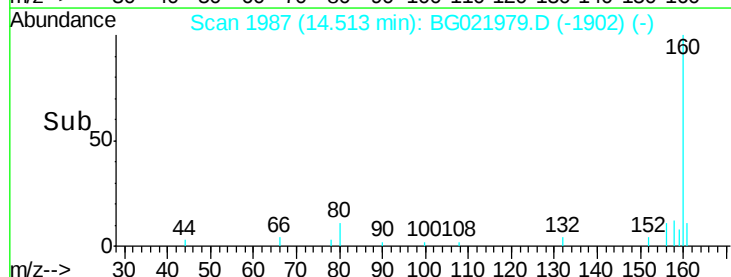
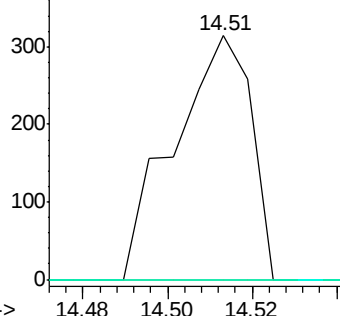


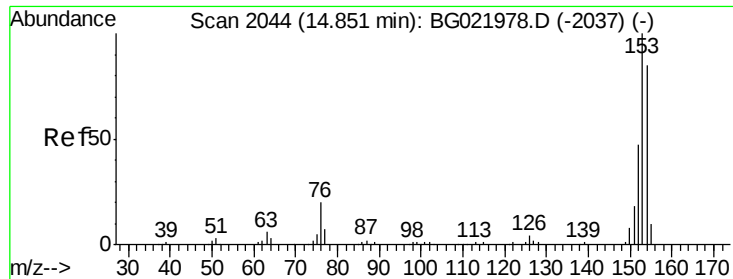
#48
 Acenaphthylene
 Concen: 0.04 ng/ul
 RT: 14.51 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: BG021979.D
 Acq: 21 May 2016 16:35

Tgt Ion:152 Resp: 400
 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





#50

Acenaphthene

Concen: 0.04 ng/ul

RT: 14.84 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BG021979.D

Acq: 21 May 2016 16:35

Instrument :

BNA_G

ClientSampleId :

SSTD16006

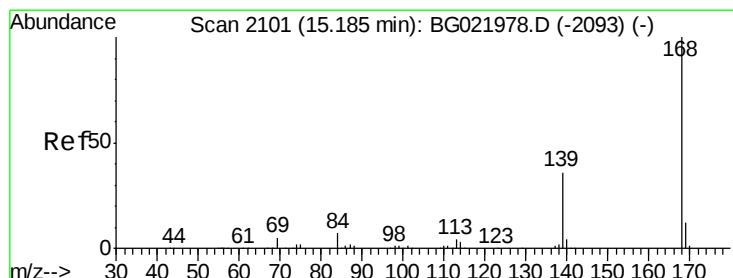
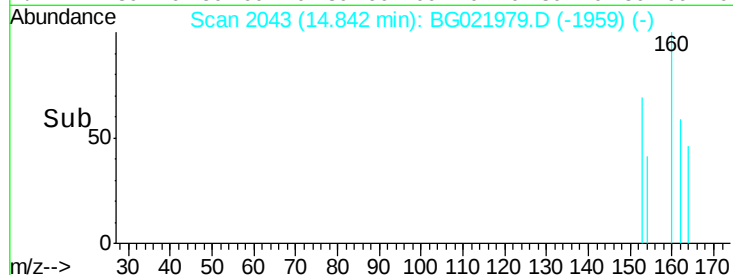
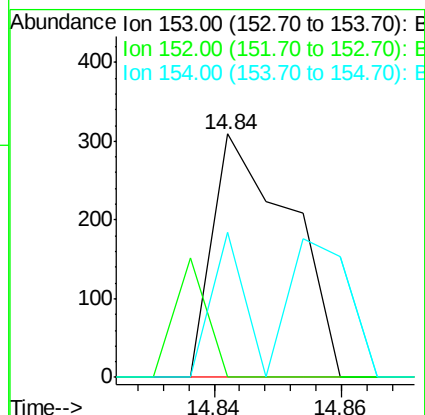
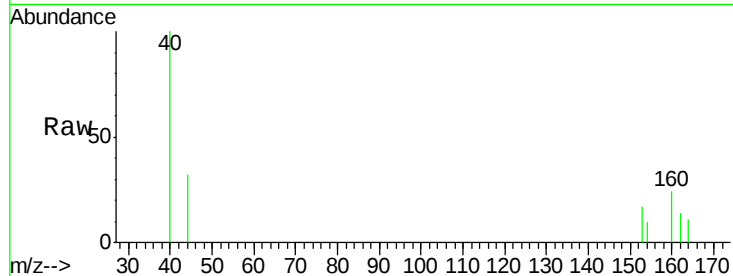
Tgt Ion:153 Resp: 261

Ion Ratio Lower Upper

153 100

152 0.0 37.3 55.9#

154 59.5 68.2 102.2#



#54

Dibenzofuran

Concen: 0.01 ng/ul

RT: 15.18 min Scan# 2100

Delta R.T. -0.01 min

Lab File: BG021979.D

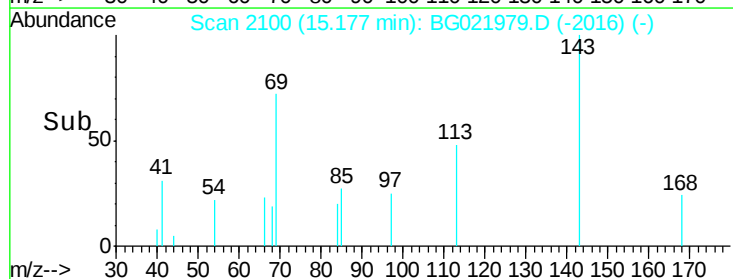
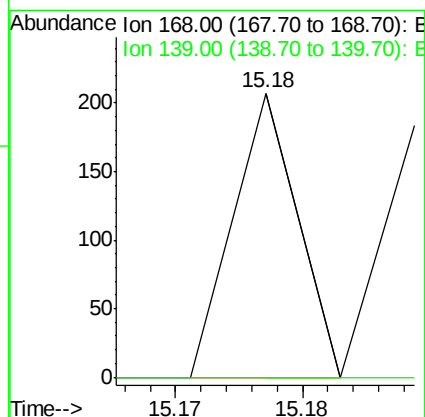
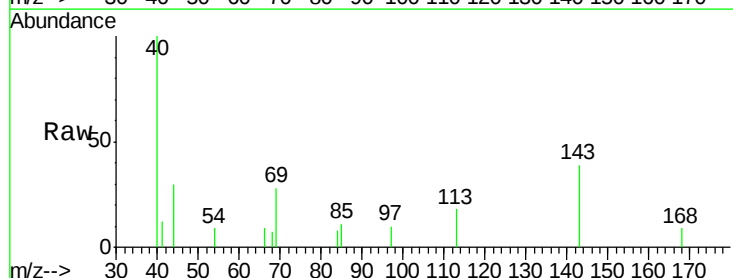
Acq: 21 May 2016 16:35

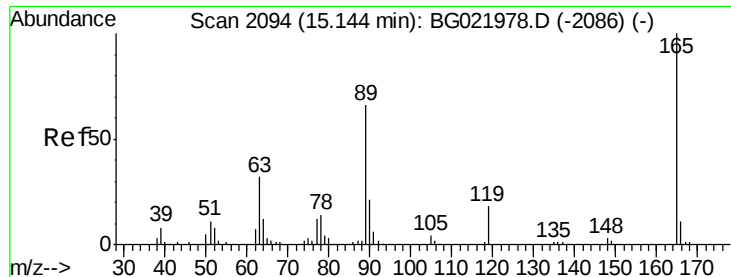
Tgt Ion:168 Resp: 73

Ion Ratio Lower Upper

168 100

139 0.0 27.4 41.0#

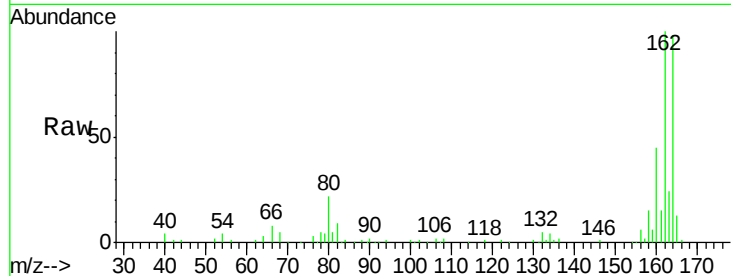




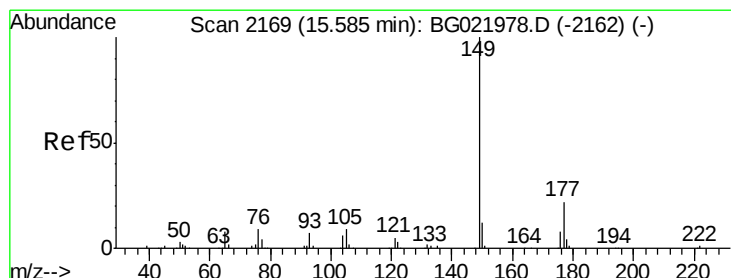
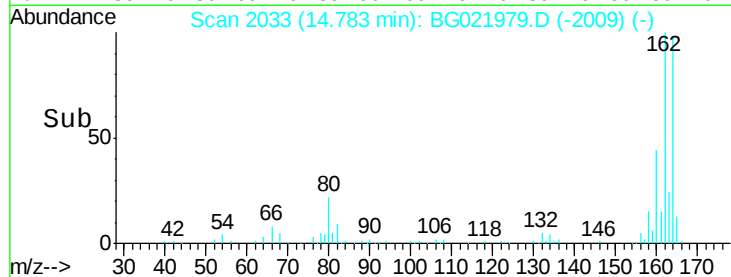
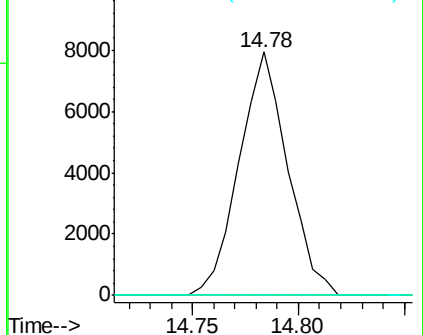
#55
2,4-Dinitrotoluene
Concen: 5.91 ng/ul
RT: 14.78 min Scan# 2033
Delta R.T. -0.36 min
Lab File: BG021979.D
Acq: 21 May 2016 16:35

Instrument :
BNA_G
ClientSampleId :
SSTD16006

Tgt Ion:165 Resp: 12644
Ion Ratio Lower Upper
165 100
63 0.0 25.7 38.5#
182 0.0 2.1 3.1#

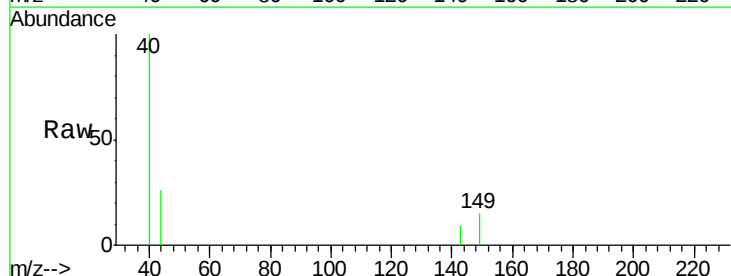


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 182.00 (181.70 to 182.70): E

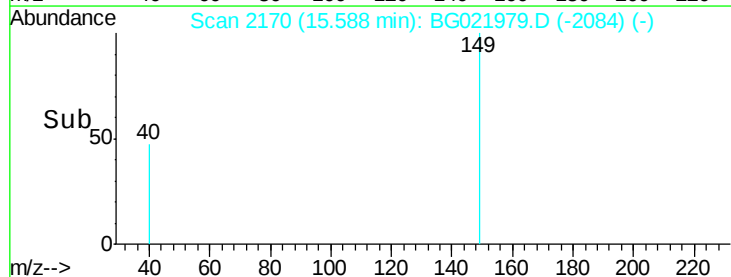
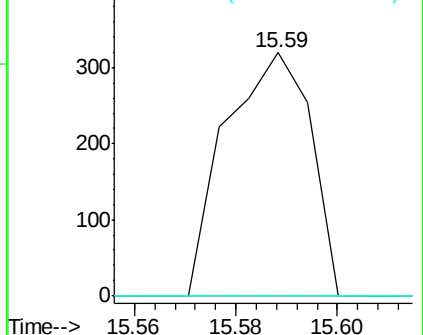


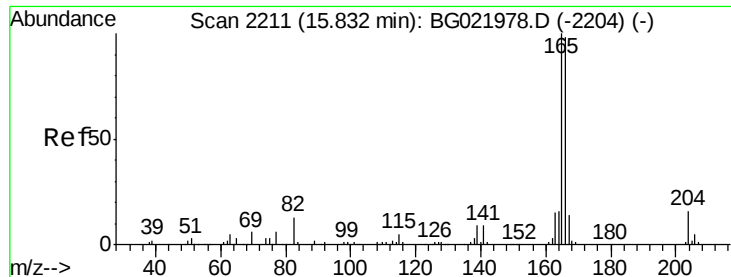
#57
Diethylphthalate
Concen: 0.05 ng/ul
RT: 15.59 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BG021979.D
Acq: 21 May 2016 16:35

Tgt Ion:149 Resp: 372
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





#59

Fluorene

Concen: 0.04 ng/ul

RT: 15.83 min Scan# 2211

Delta R.T. -0.00 min

Lab File: BG021979.D

Acq: 21 May 2016 16:35

Instrument :

BNA_G

ClientSampleId :

SSTD16006

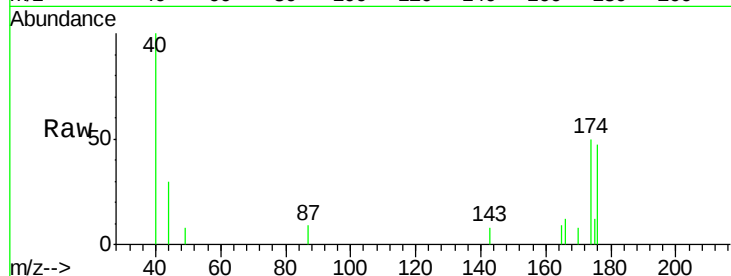
Tgt Ion:166 Resp: 283

Ion Ratio Lower Upper

166 100

165 73.6 80.3 120.5#

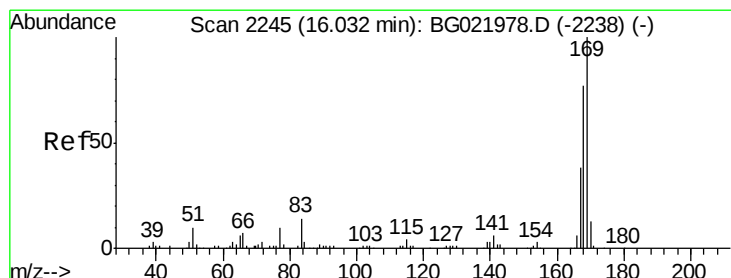
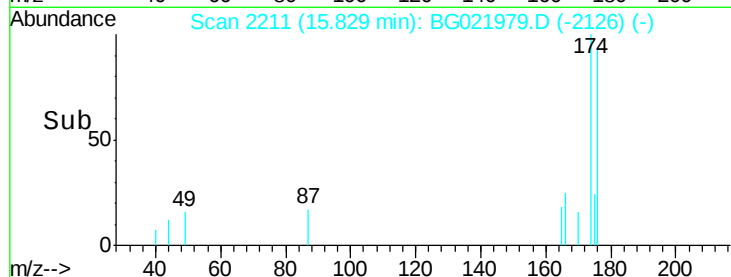
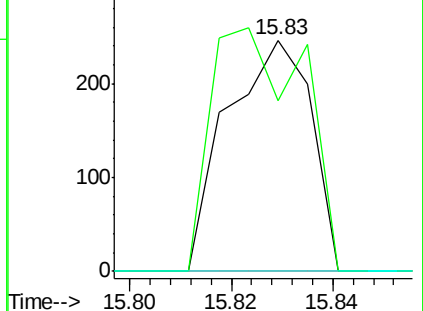
167 0.0 10.3 15.5#



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



#65

N-Nitrosodiphenylamine

Concen: 0.02 ng/ul

RT: 15.89 min Scan# 2221

Delta R.T. -0.14 min

Lab File: BG021979.D

Acq: 21 May 2016 16:35

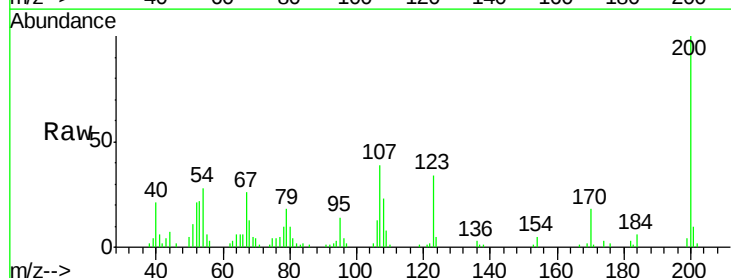
Tgt Ion:169 Resp: 156

Ion Ratio Lower Upper

169 100

168 0.0 59.0 88.6#

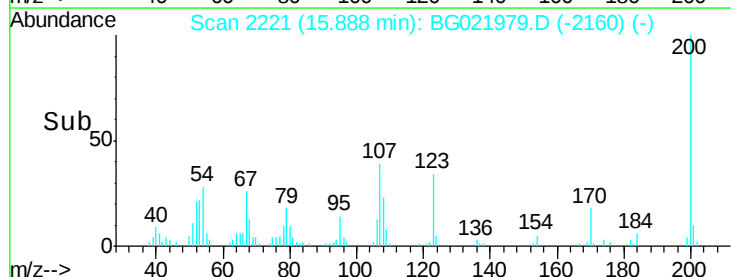
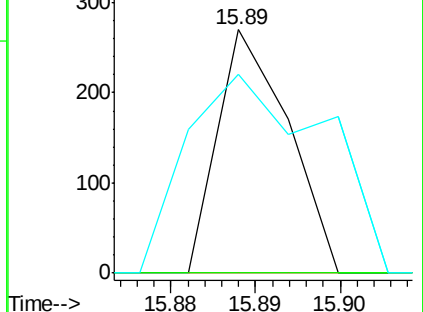
167 81.9 30.6 46.0#

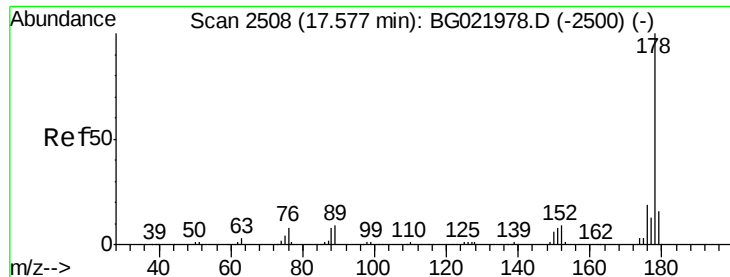


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 0.06 ng/ul

RT: 17.57 min Scan# 2507

Delta R.T. -0.01 min

Lab File: BG021979.D

Acq: 21 May 2016 16:35

Instrument :

BNA_G

ClientSampleId :

SSTD16006

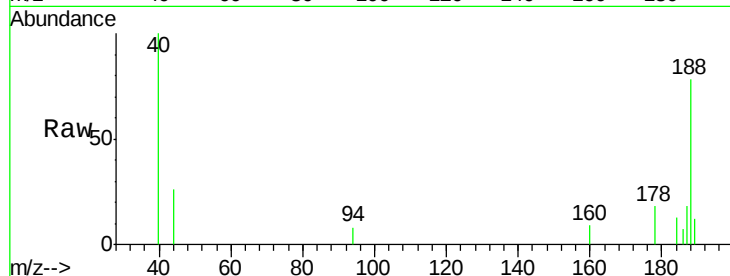
Tgt Ion:178 Resp: 621

Ion Ratio Lower Upper

178 100

179 0.0 12.9 19.3#

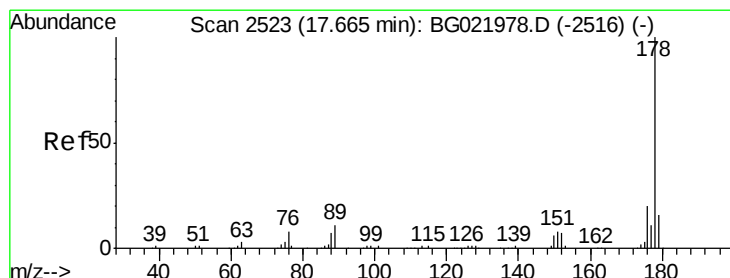
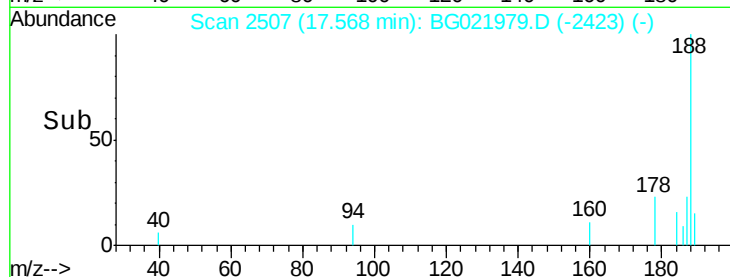
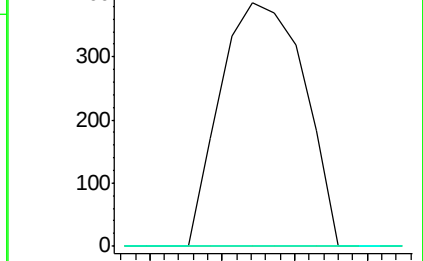
176 0.0 15.8 23.8#



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



#72

Anthracene

Concen: 0.04 ng/ul

RT: 17.66 min Scan# 2523

Delta R.T. -0.00 min

Lab File: BG021979.D

Acq: 21 May 2016 16:35

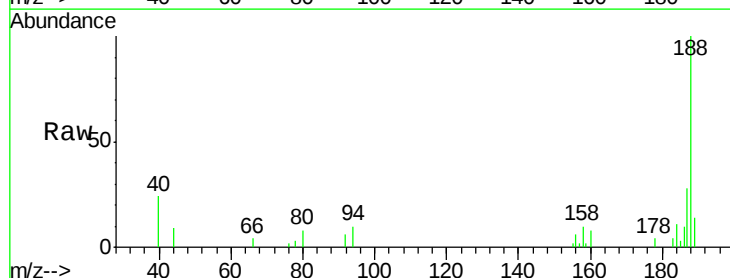
Tgt Ion:178 Resp: 496

Ion Ratio Lower Upper

178 100

179 0.0 12.3 18.5#

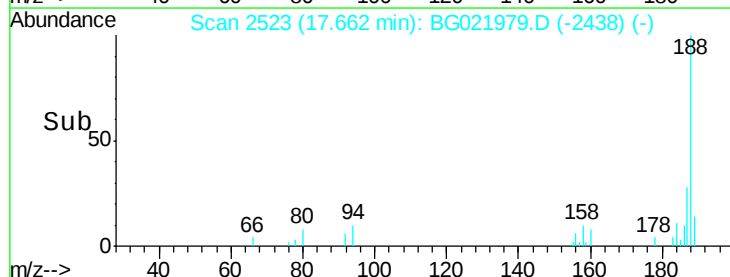
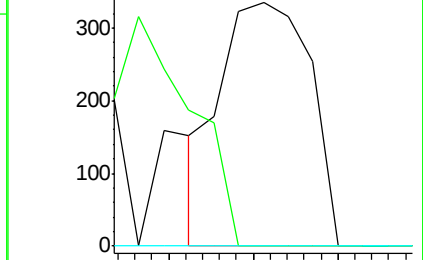
176 0.0 16.3 24.5#

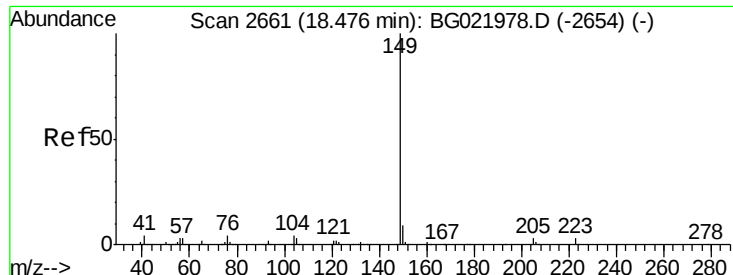


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

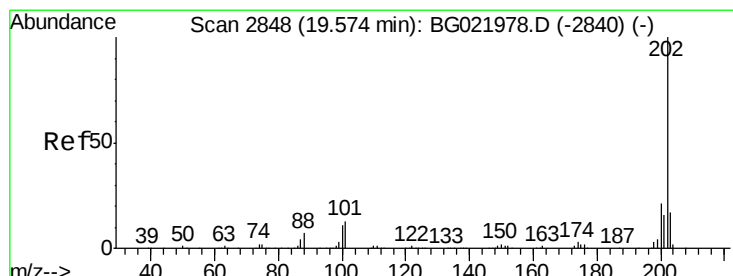
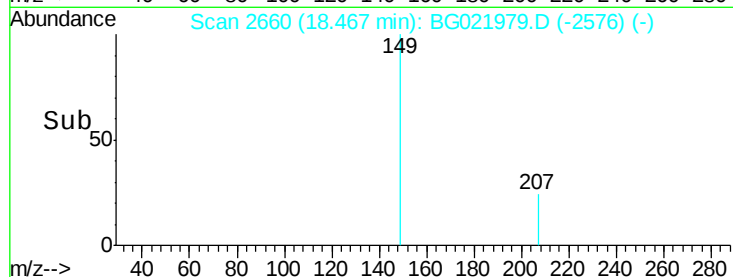
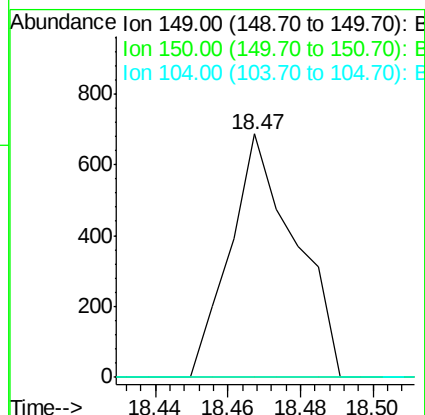
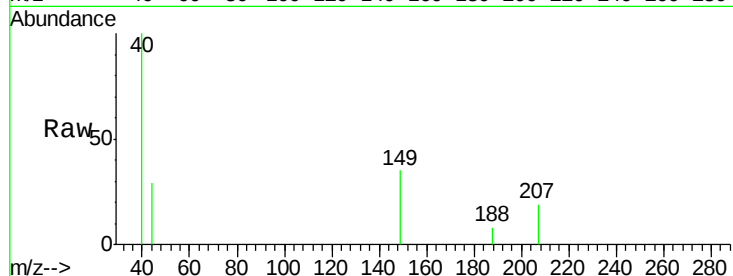




#74
Di-n-butylphthalate
Concen: 0.07 ng/ul
RT: 18.47 min Scan# 2660
Delta R.T. -0.01 min
Lab File: BG021979.D
Acq: 21 May 2016 16:35

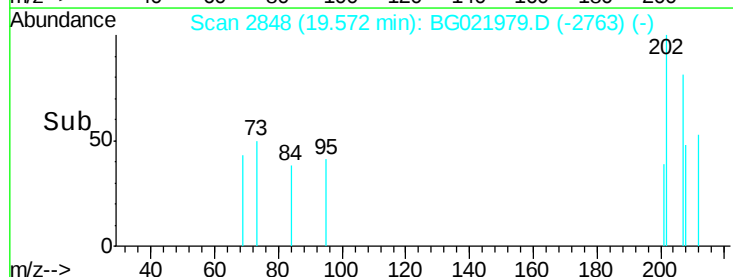
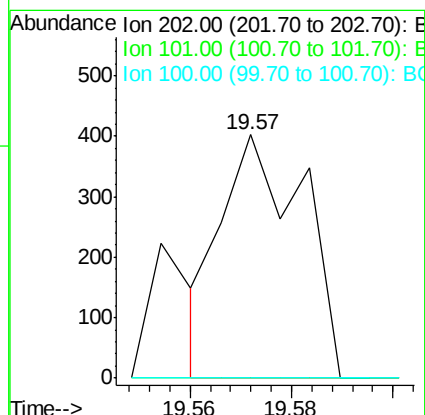
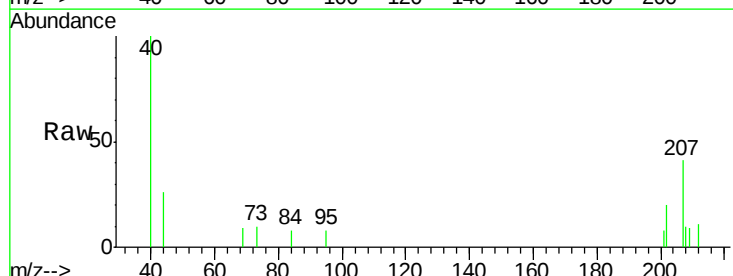
Instrument :
BNA_G
ClientSampleId :
SSTD16006

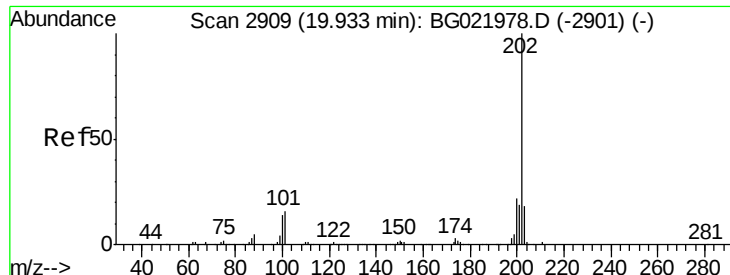
Tgt Ion:149 Resp: 858
Ion Ratio Lower Upper
149 100
150 0.0 7.1 10.7#
104 0.0 3.3 4.9#



#75
Fluoranthene
Concen: 0.04 ng/ul
RT: 19.57 min Scan# 2848
Delta R.T. -0.00 min
Lab File: BG021979.D
Acq: 21 May 2016 16:35

Tgt Ion:202 Resp: 449
Ion Ratio Lower Upper
202 100
101 0.0 10.6 16.0#
100 0.0 8.7 13.1#





#78

Pyrene

Concen: 0.05 ng/ul

RT: 19.93 min Scan# 2909

Delta R.T. -0.00 min

Lab File: BG021979.D

Acq: 21 May 2016 16:35

Instrument :

BNA_G

ClientSampleId :

SSTD16006

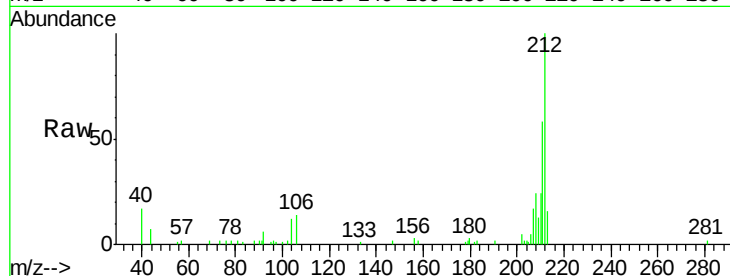
Tgt Ion:202 Resp: 662

Ion Ratio Lower Upper

202 100

101 0.0 12.5 18.7#

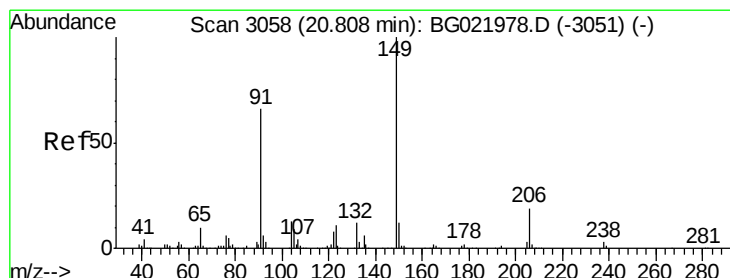
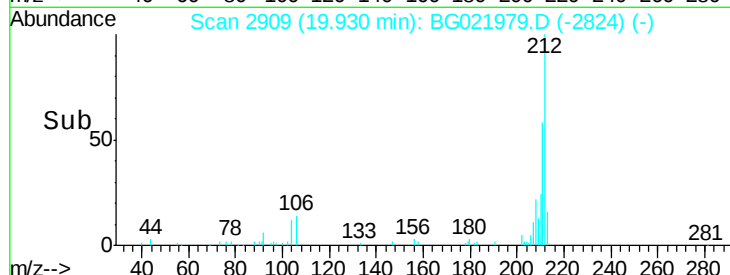
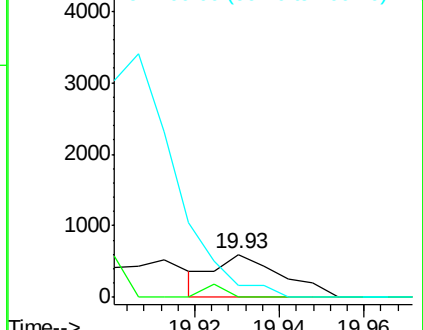
100 29.0 10.2 15.4#



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

Butylbenzylphthalate

Concen: 0.08 ng/ul

RT: 20.81 min Scan# 3058

Delta R.T. -0.00 min

Lab File: BG021979.D

Acq: 21 May 2016 16:35

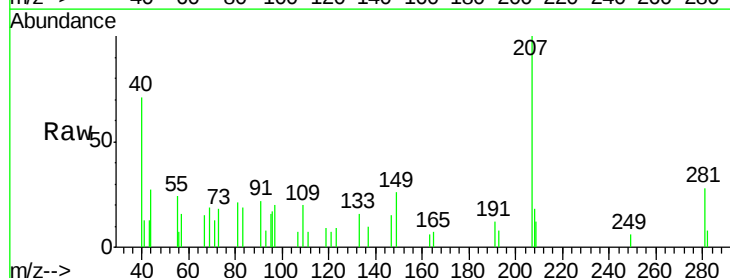
Tgt Ion:149 Resp: 442

Ion Ratio Lower Upper

149 100

91 83.3 54.2 81.4#

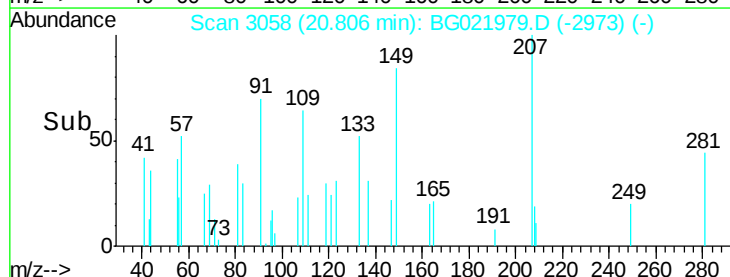
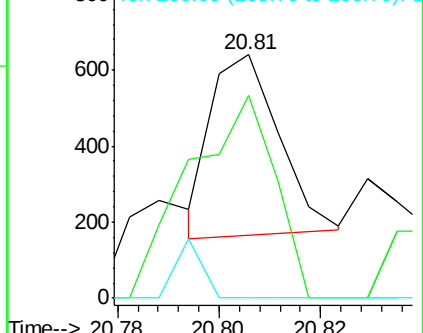
206 0.0 14.1 21.1#

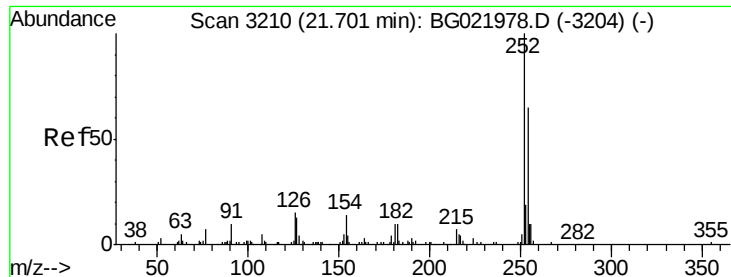


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#80

3,3'-Dichlorobenzidine

Concen: 0.03 ng/ul

RT: 21.70 min Scan# 3211

Delta R.T. 0.00 min

Lab File: BG021979.D

Acq: 21 May 2016 16:35

Instrument :

BNA_G

ClientSampleId :

SSTD16006

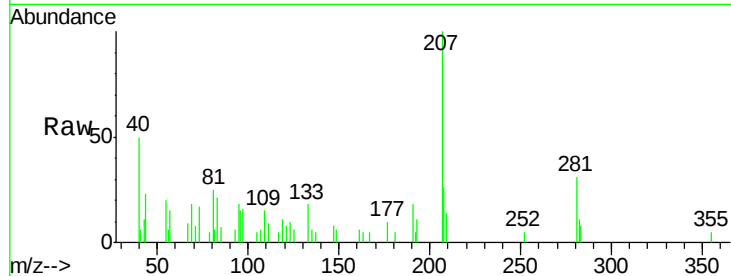
Tgt Ion:252 Resp: 109

Ion Ratio Lower Upper

252 100

254 0.0 51.4 77.2#

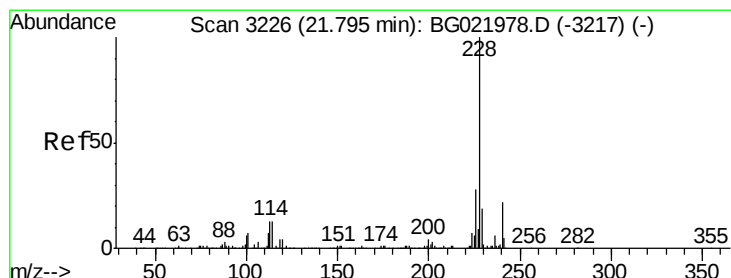
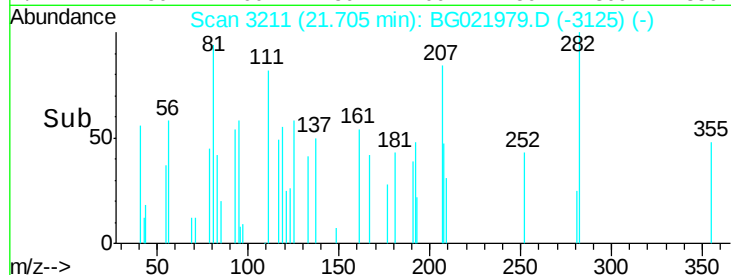
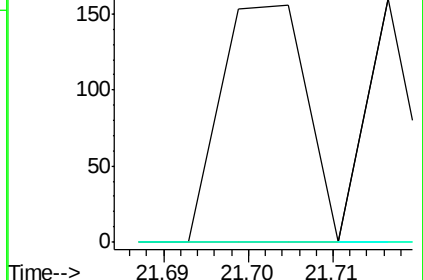
126 0.0 10.7 16.1#



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



#81

Benzo(a)anthracene

Concen: 0.08 ng/ul

RT: 21.80 min Scan# 3227

Delta R.T. 0.00 min

Lab File: BG021979.D

Acq: 21 May 2016 16:35

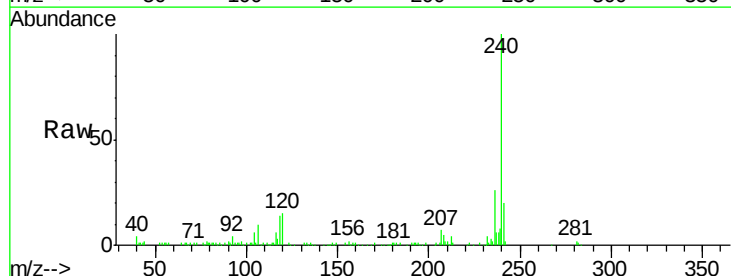
Tgt Ion:228 Resp: 816

Ion Ratio Lower Upper

228 100

229 0.0 15.4 23.2#

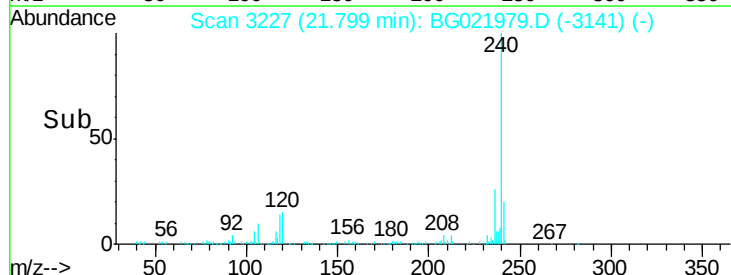
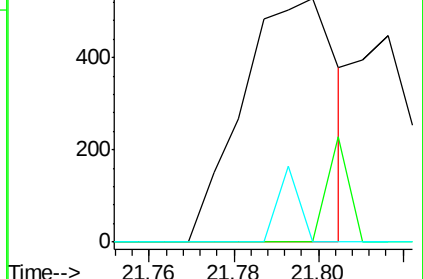
226 0.0 22.8 34.2#

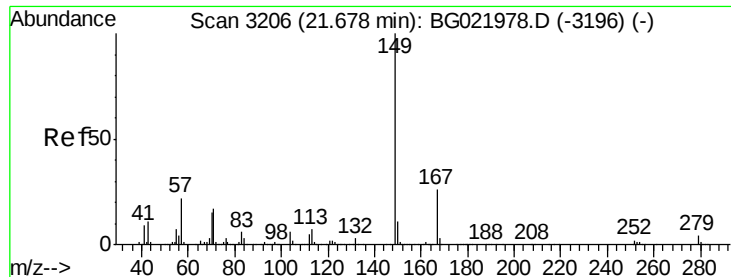


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Bis(2-ethylhexyl)phthalate

Concen: 0.16 ng/ul

RT: 21.68 min Scan# 3206

Delta R.T. -0.00 min

Lab File: BG021979.D

Acq: 21 May 2016 16:35

Instrument :

BNA_G

ClientSampleId :

SSTD16006

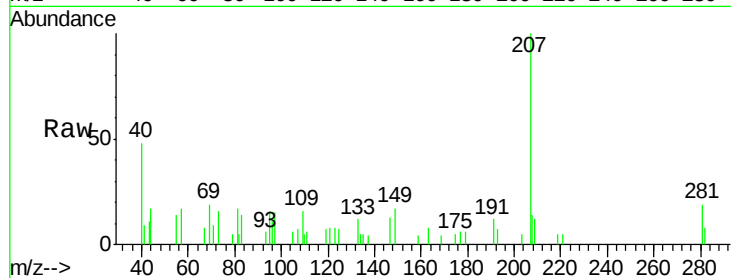
Tgt Ion:149 Resp: 1355

Ion Ratio Lower Upper

149 100

167 0.0 21.9 32.9#

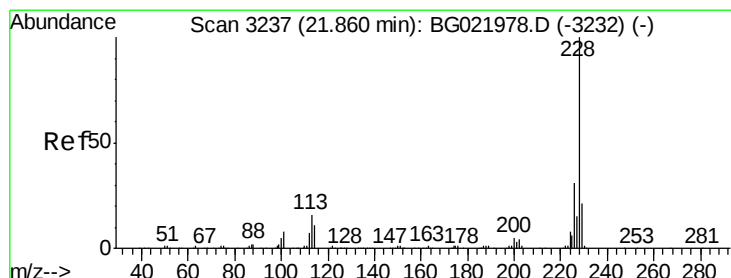
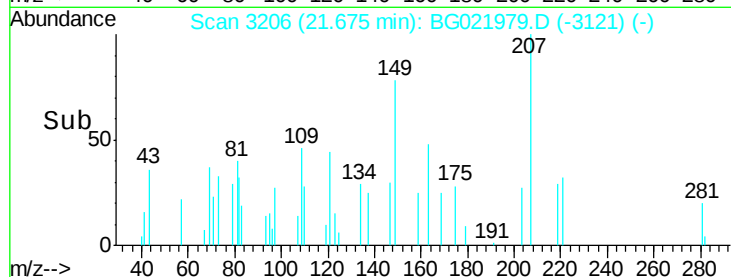
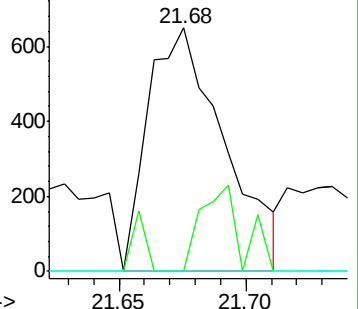
279 0.0 2.9 4.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#83

Chrysene

Concen: 0.09 ng/ul

RT: 21.86 min Scan# 3237

Delta R.T. -0.00 min

Lab File: BG021979.D

Acq: 21 May 2016 16:35

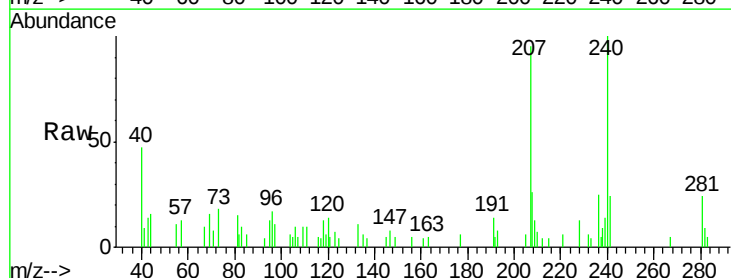
Tgt Ion:228 Resp: 924

Ion Ratio Lower Upper

228 100

226 0.0 24.2 36.4#

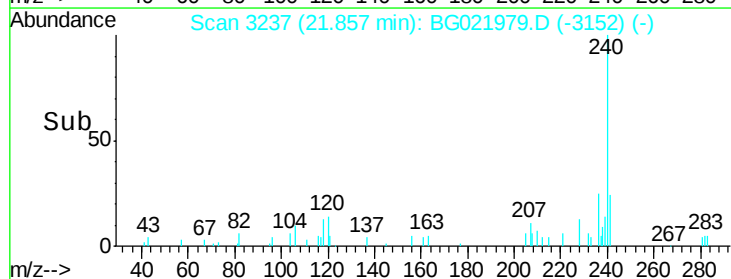
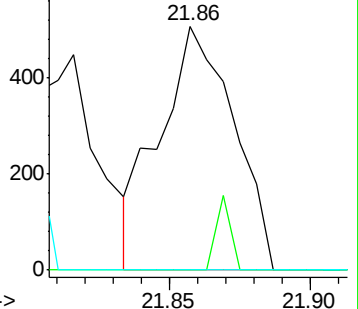
229 0.0 15.0 22.6#

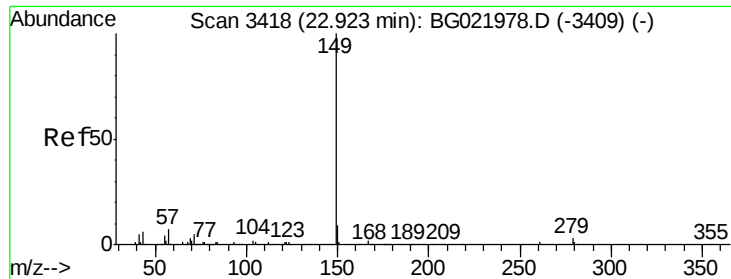


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Di-n-octyl phthalate

Concen: 0.06 ng/ul

RT: 22.91 min Scan# 3416

Delta R.T. -0.01 min

Lab File: BG021979.D

Acq: 21 May 2016 16:35

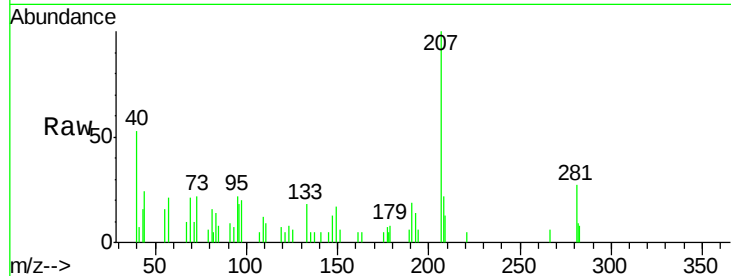
Instrument :

BNA_G

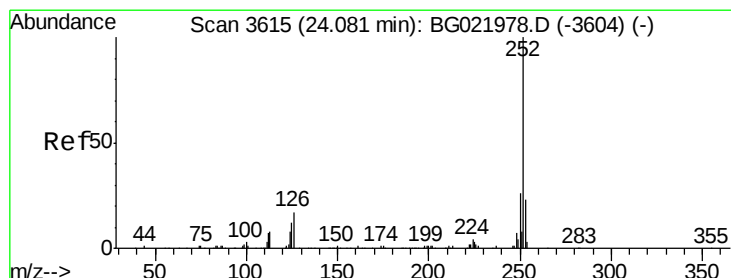
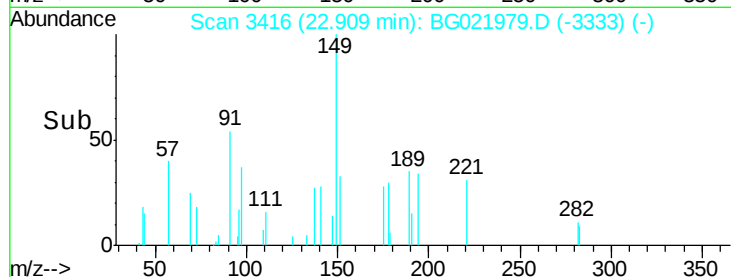
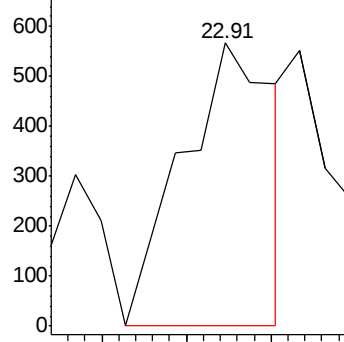
ClientSampleId :

SSTD16006

Tgt Ion:149 Resp: 853



Abundance Ion 149.00 (148.70 to 149.70): E



#86

Benzo(b)fluoranthene

Concen: 0.03 ng/ul

RT: 24.08 min Scan# 3615

Delta R.T. -0.00 min

Lab File: BG021979.D

Acq: 21 May 2016 16:35

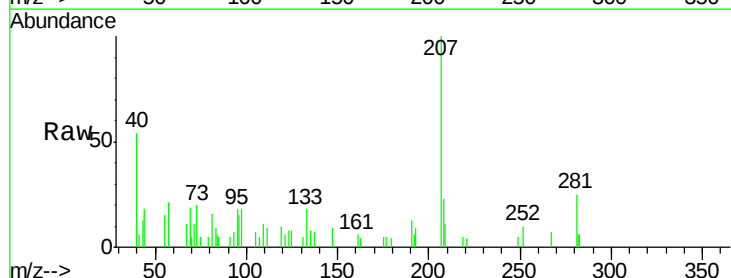
Tgt Ion:252 Resp: 275

Ion Ratio Lower Upper

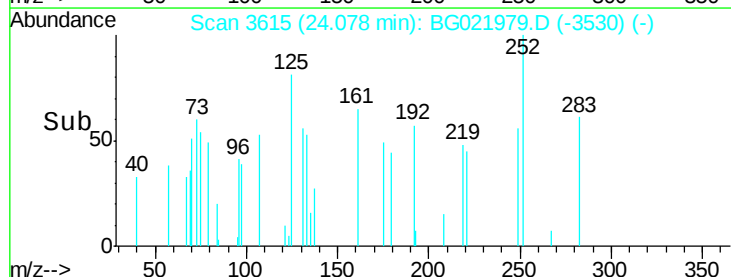
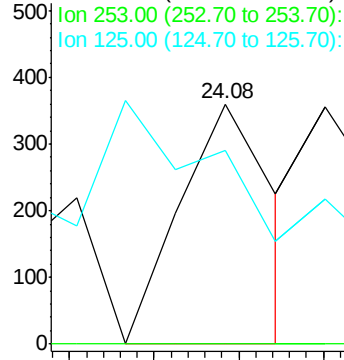
252 100

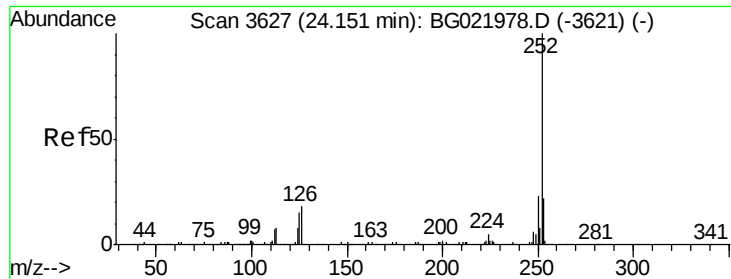
253 0.0 18.2 27.2#

125 80.8 10.8 16.2#



Abundance Ion 252.00 (251.70 to 252.70): E





#87

Benzo(k)fluoranthene

Concen: 0.05 ng/u1

RT: 24.14 min Scan# 3626

Delta R.T. -0.01 min

Lab File: BG021979.D

Acq: 21 May 2016 16:35

Instrument :

BNA_G

ClientSampled :

SSTD16006

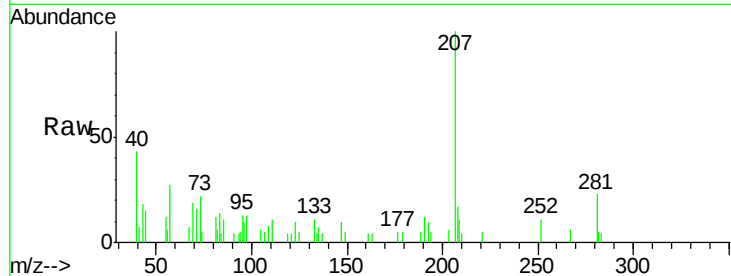
Tgt Ion:252 Resp: 456

Ion Ratio Lower Upper

252 100

253 0.0 15.8 23.6#

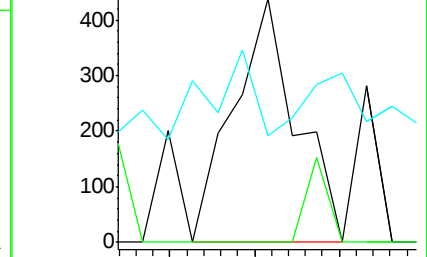
125 43.6 10.6 16.0#



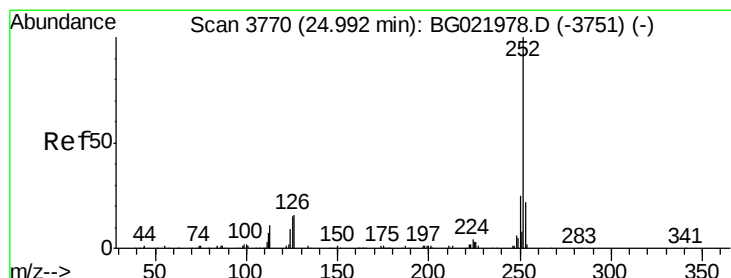
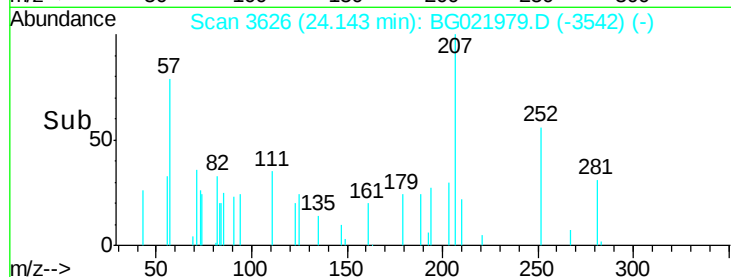
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#89

Benzo(a)pyrene

Concen: 0.09 ng/u1

RT: 24.98 min Scan# 3769

Delta R.T. -0.01 min

Lab File: BG021979.D

Acq: 21 May 2016 16:35

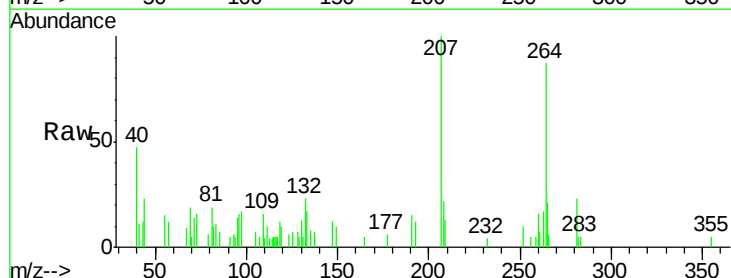
Tgt Ion:252 Resp: 834

Ion Ratio Lower Upper

252 100

253 0.0 19.0 28.4#

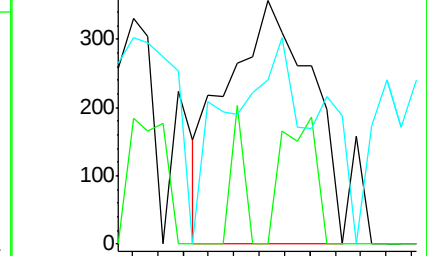
125 67.5 12.0 18.0#



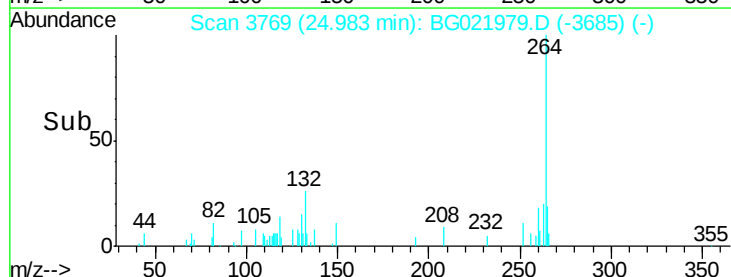
Abundance Ion 252.00 (251.70 to 252.70): E

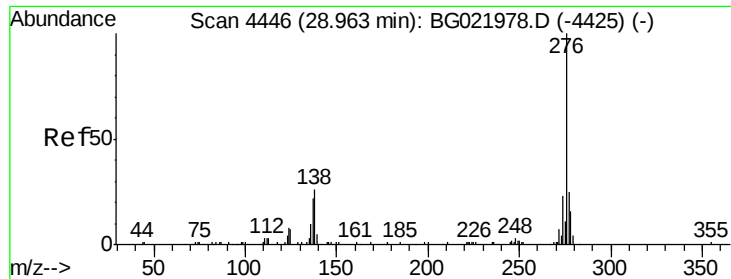
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





#90

Indeno(1,2,3-cd)pyrene

Concen: 0.01 ng/ul

RT: 28.95 min Scan# 4444

Delta R.T. -0.01 min

Lab File: BG021979.D

Acq: 21 May 2016 16:35

Instrument :

BNA_G

ClientSampleId :

SSTD16006

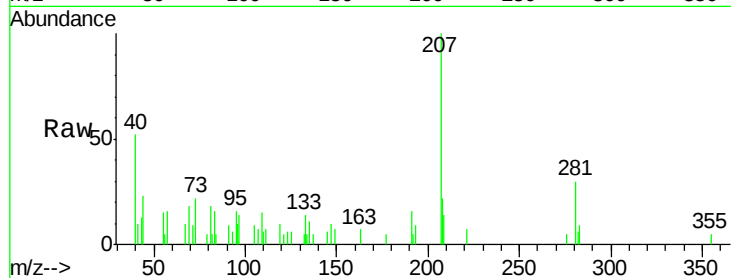
Tgt Ion:276 Resp: 119

Ion Ratio Lower Upper

276 100

138 0.0 20.8 31.2#

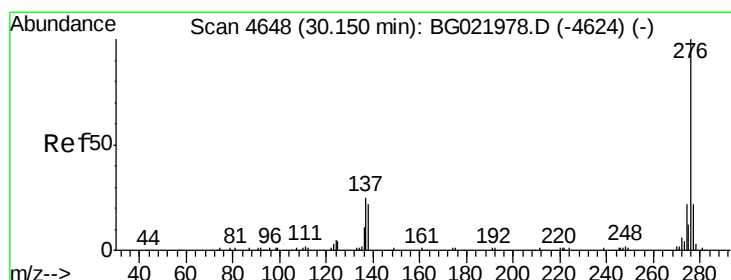
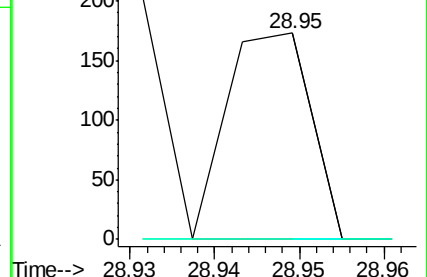
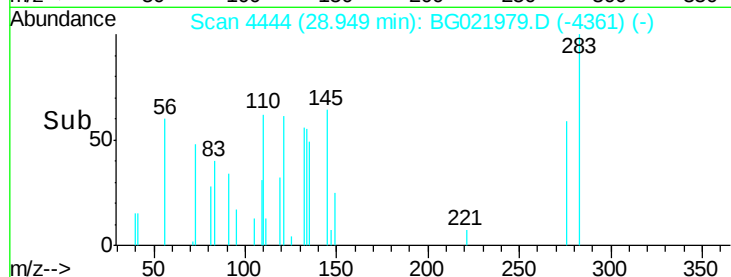
277 0.0 17.6 26.4#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#92

Benzo(g,h,i)perylene

Concen: 0.01 ng/ul

RT: 30.13 min Scan# 4645

Delta R.T. -0.02 min

Lab File: BG021979.D

Acq: 21 May 2016 16:35

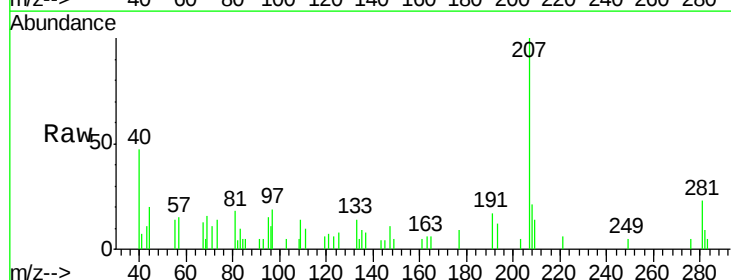
Tgt Ion:276 Resp: 63

Ion Ratio Lower Upper

276 100

138 0.0 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

