

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022515\
 Data File : BG016036.D
 Acq On : 25 Feb 2015 15:10
 Operator : TP/IZ
 Sample : PB81865BL
 Misc : SBLK26
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SBLK26

Quant Time: Feb 26 00:44:25 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-MA-BG021915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 26 00:34:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	70234	20.00	ng/ul	0.00
16) Naphthalene-d8	10.59	136	316123	20.00	ng/ul	0.00
33) Acenaphthene-d10	14.43	164	198430	20.00	ng/ul	0.00
59) Phenanthrene-d10	17.17	188	428901	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	439718	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	428151	20.00	ng/ul	0.00

System Monitoring Compounds

3) Phenol-d5	6.96	99	123510	18.48	ng/ul	0.00
5) Bis-(2-Chloroethyl)ether-d	7.13	67	76090	19.28	ng/ul	0.00
7) 2-Chlorophenol-d4	7.33	132	95890	19.40	ng/ul	0.00
11) 4-Methylphenol-d8	8.50	113	91312	18.46	ng/ul	0.00
17) Nitrobenzene-d5	8.96	128	46343	20.74	ng/ul	0.00
20) 2-Nitrophenol-d4	9.68	143	33239	16.13	ng/ul	0.00
24) 2,4-Dichlorophenol-d3	10.21	165	76854	17.19	ng/ul	0.00
27) 4-Chloroaniline-d4	10.72	131	158030	32.09	ng/ul	0.00
41) Dimethylphthalate-d6	13.84	166	297220	22.40	ng/ul	0.00
44) Acenaphthylene-d8	14.13	160	384033	20.45	ng/ul	0.00
49) 4-Nitrophenol-d4	14.62	143	28624	10.73	ng/ul	0.00
55) Fluorene-d10	15.42	176	278060	20.85	ng/ul	0.00
60) 4,6-Dinitro-2-methylphenol	15.54	200	13416	8.11	ng/ul	0.00
68) Anthracene-d10	17.27	188	425866	20.93	ng/ul	0.00
76) Pyrene-d10	19.57	212	457186	22.13	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	411851	21.21	ng/ul	0.00

Target Compounds

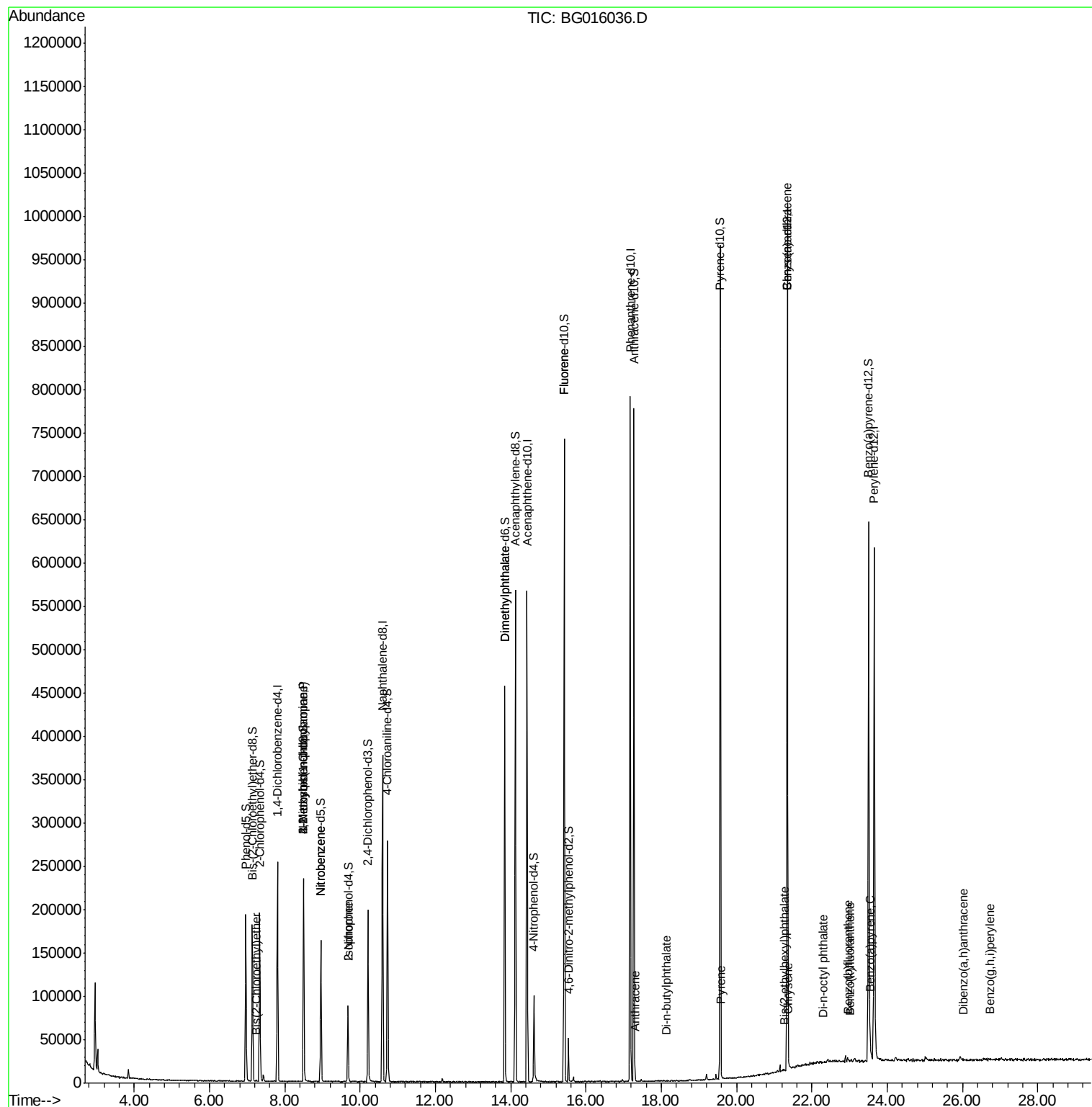
						Qvalue
6) Bis(2-Chloroethyl)ether	7.23	93	584	0.11	ng/ul#	82
10) 2,2'-oxybis(1-Chloropropan	8.50	45	504	0.07	ng/ul#	67
13) N-Nitroso-di-n-propylamine	8.50	70	1991	0.47	ng/ul#	1
18) Nitrobenzene	8.95	77	234	0.04	ng/ul#	36
19) Isophorone	9.68	82	1839	0.16	ng/ul#	62
42) Dimethylphthalate	13.84	163	75	0.01	ng/ul#	1
56) Fluorene	15.42	166	722	0.05	ng/ul#	9
69) Anthracene	17.31	178	72	0.00	ng/ul#	59
73) Di-n-butylphthalate	18.14	149	1350	0.05	ng/ul#	78
77) Pyrene	19.59	202	60	0.00	ng/ul#	59
80) Benzo(a)anthracene	21.35	228	1505	0.06	ng/ul#	64
81) Bis(2-ethylhexyl)phthalate	21.27	149	196	0.01	ng/ul#	50
82) Chrysene	21.39	228	100	0.00	ng/ul#	48
84) Di-n-octyl phthalate	22.30	149	60	0.00	ng/ul	100
85) Benzo(b)fluoranthene	22.96	252	380	0.02	ng/ul#	57
86) Benzo(k)fluoranthene	23.01	252	130	0.01	ng/ul#	58
88) Benzo(a)pyrene	23.55	252	73	0.00	ng/ul#	57
90) Dibenzo(a,h)anthracene	26.03	278	127	0.01	ng/ul#	53
91) Benzo(g,h,i)perylene	26.74	276	60	0.00	ng/ul#	48

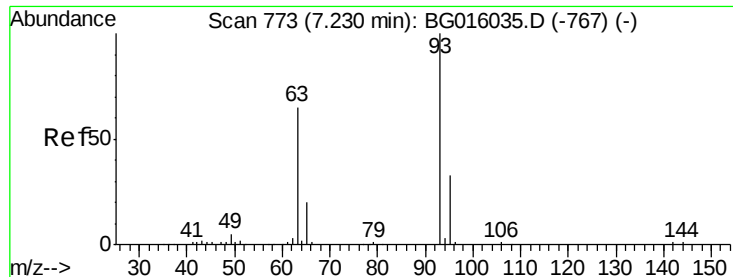
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Feb 26 00:34:25 2015
Response via : Initial Calibration





#6

Bis(2-Chloroethyl)ether

Concen: 0.11 ng/ul

RT: 7.23 min Scan# 773

Delta R.T. -0.00 min

Lab File: BG016036.D

Acq: 25 Feb 2015 15:10

Instrument :

BNA_G

ClientSampled :

SBLK26

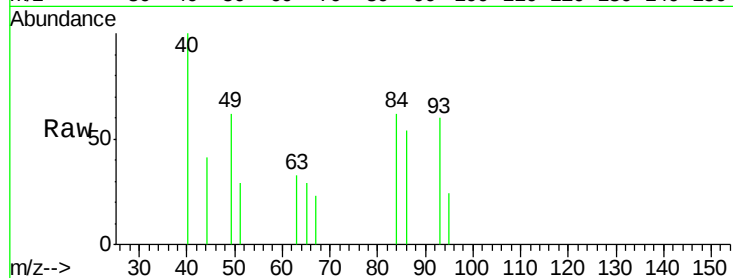
Tgt Ion: 93 Resp: 584

Ion Ratio Lower Upper

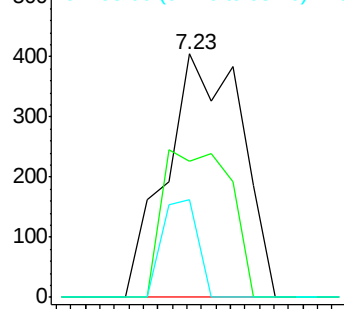
93 100

63 56.0 57.5 86.3#

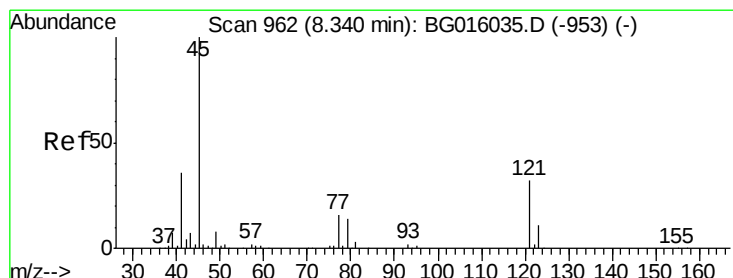
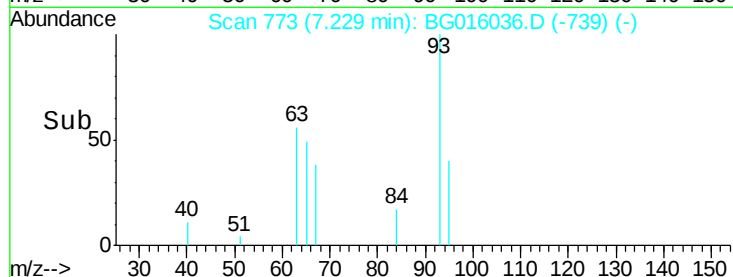
95 40.2 25.8 38.6#



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



Time-->



#10

2,2'-oxybis(1-Chloropropane)

Concen: 0.07 ng/ul

RT: 8.50 min Scan# 989

Delta R.T. 0.16 min

Lab File: BG016036.D

Acq: 25 Feb 2015 15:10

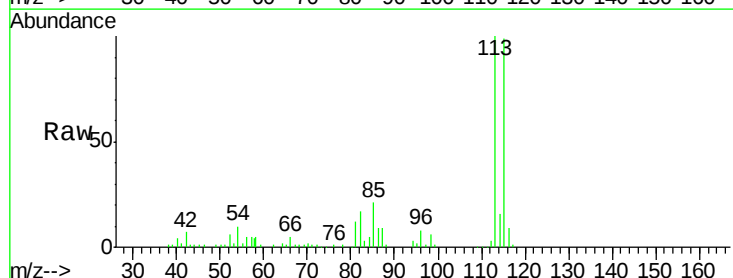
Tgt Ion: 45 Resp: 504

Ion Ratio Lower Upper

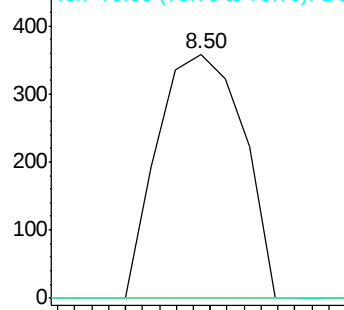
45 100

77 0.0 11.4 17.2#

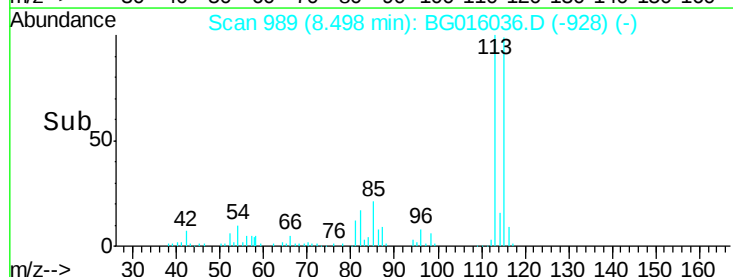
79 0.0 9.0 13.6#

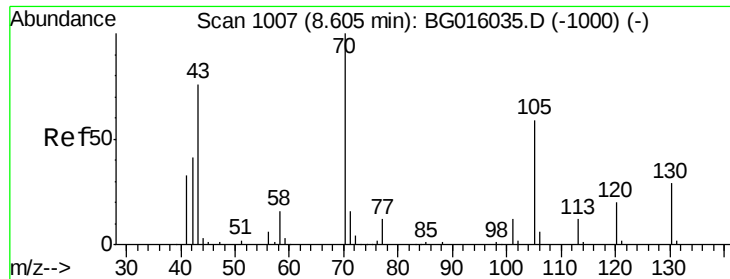


Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC



Time-->





#13

N-Nitroso-di-n-propylamine

Concen: 0.47 ng/ul

RT: 8.50 min Scan# 989

Delta R.T. -0.11 min

Lab File: BG016036.D

Acq: 25 Feb 2015 15:10

Instrument :

BNA_G

ClientSampleId :

SBLK26

Tgt Ion: 70 Resp: 1991

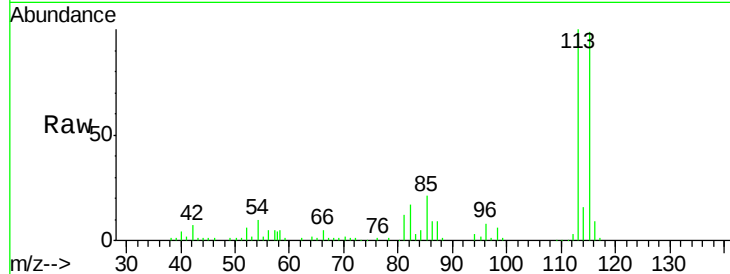
Ion Ratio Lower Upper

70 100

42 303.1 37.8 56.6#

101 0.0 9.3 13.9#

130 0.0 22.2 33.2#

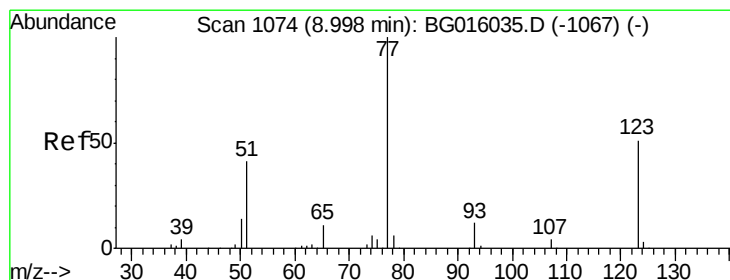
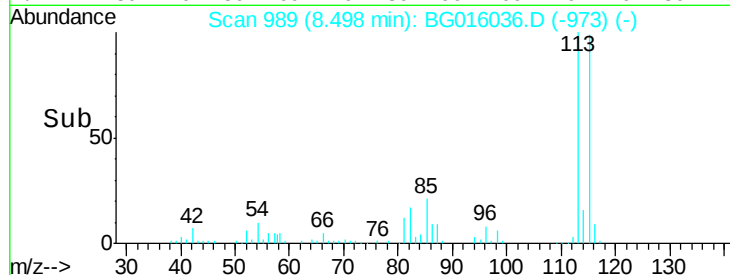
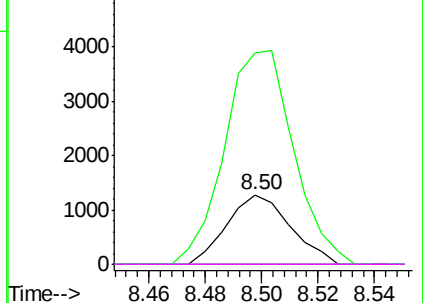


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#18

Nitrobenzene

Concen: 0.04 ng/ul

RT: 8.95 min Scan# 1066

Delta R.T. -0.05 min

Lab File: BG016036.D

Acq: 25 Feb 2015 15:10

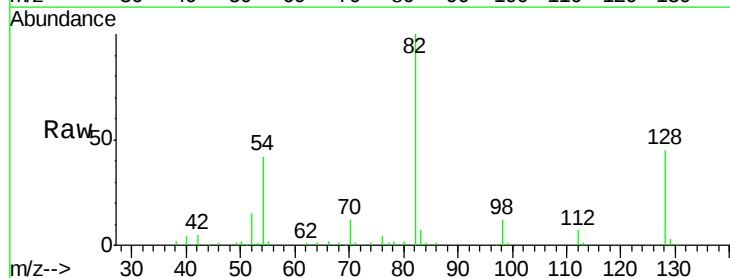
Tgt Ion: 77 Resp: 234

Ion Ratio Lower Upper

77 100

123 0.0 39.9 59.9#

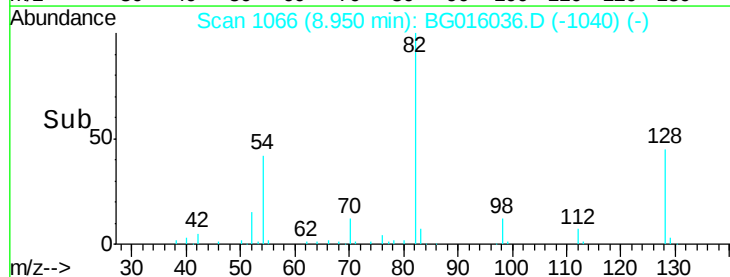
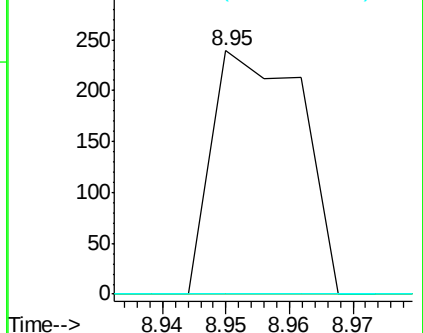
65 0.0 11.0 16.6#

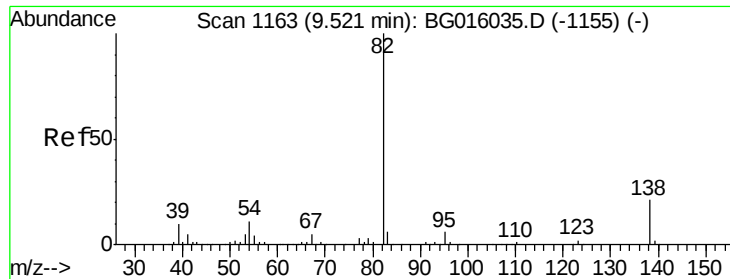


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#19

Isophorone

Concen: 0.16 ng/ul

RT: 9.68 min Scan# 1190

Delta R.T. 0.16 min

Lab File: BG016036.D

Acq: 25 Feb 2015 15:10

Instrument :

BNA_G

ClientSampleId :

SBLK26

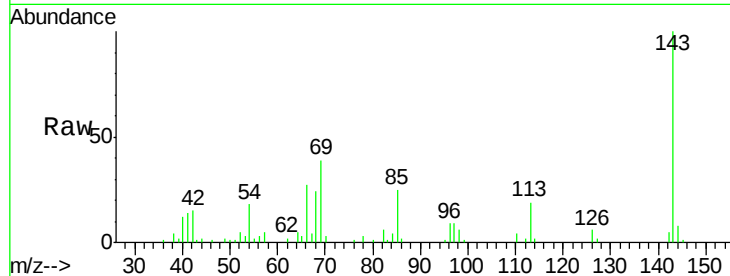
Tgt Ion: 82 Resp: 1839

Ion Ratio Lower Upper

82 100

95 13.2 4.6 6.8#

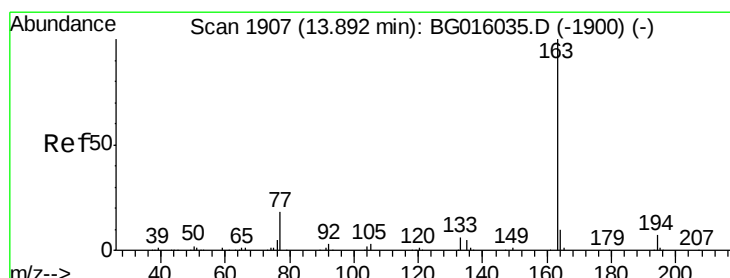
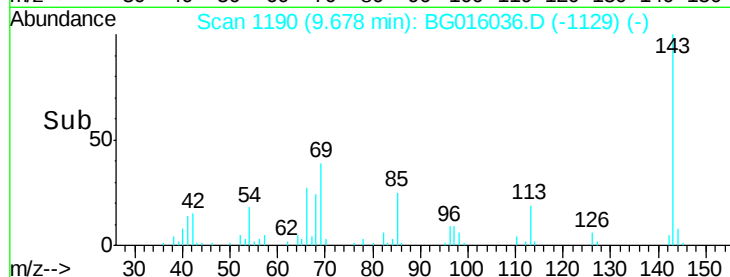
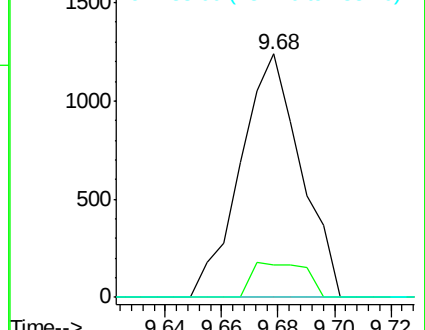
138 0.0 15.4 23.2#



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



#42

Dimethylphthalate

Concen: 0.01 ng/ul

RT: 13.84 min Scan# 1899

Delta R.T. -0.05 min

Lab File: BG016036.D

Acq: 25 Feb 2015 15:10

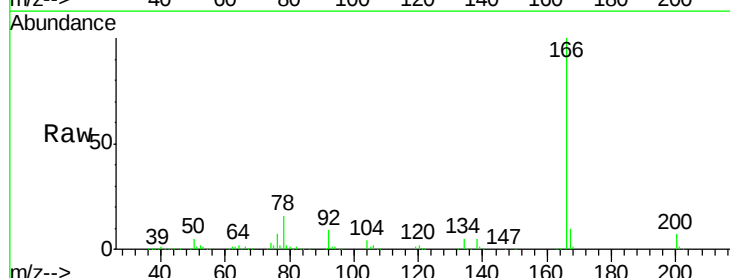
Tgt Ion: 163 Resp: 75

Ion Ratio Lower Upper

163 100

194 0.0 5.3 7.9#

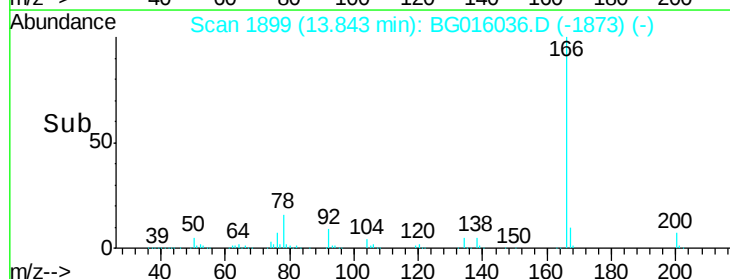
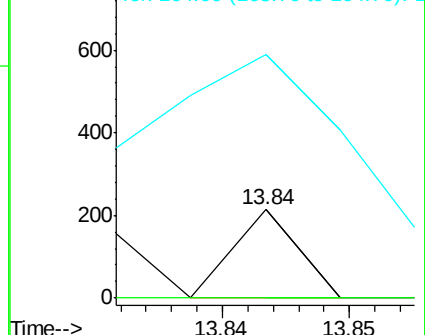
164 275.2 8.5 12.7#

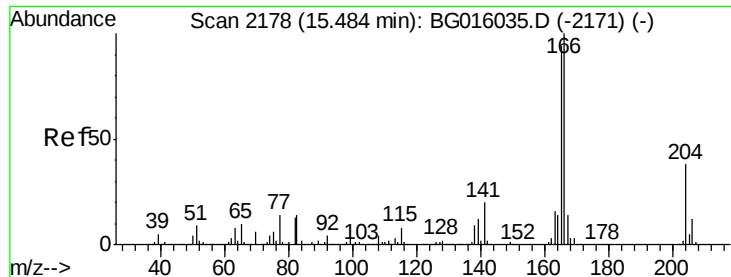


Abundance Ion 163.00 (162.70 to 163.70): BGC

Ion 194.00 (193.70 to 194.70): BGC

Ion 164.00 (163.70 to 164.70): BGC

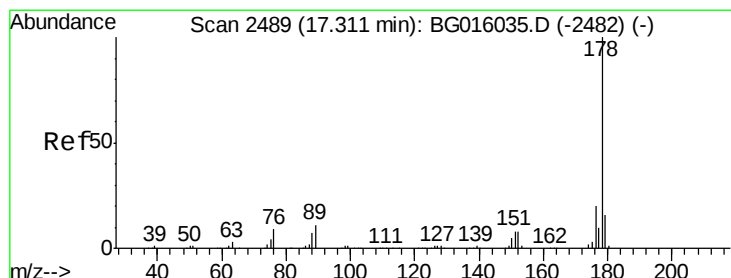
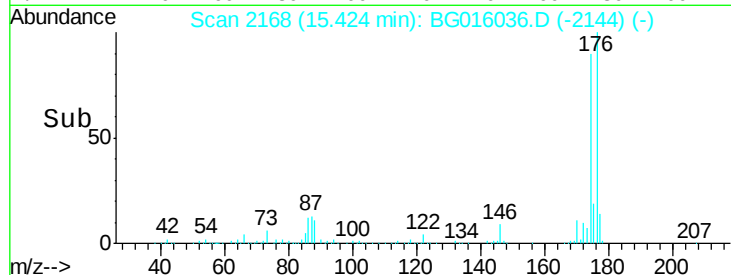
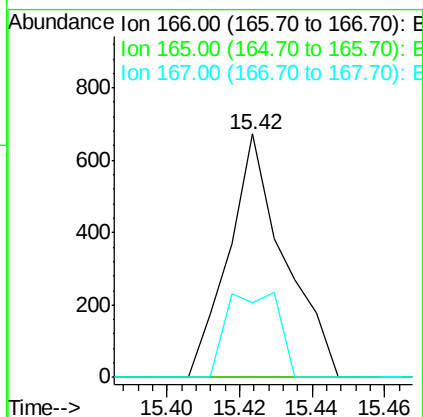
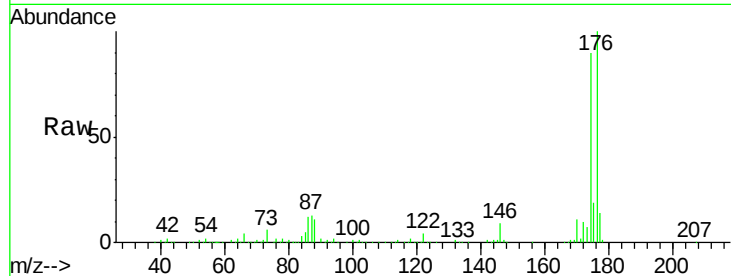




#56
 Fluorene
 Concen: 0.05 ng/ul
 RT: 15.42 min Scan# 2168
 Delta R.T. -0.06 min
 Lab File: BG016036.D
 Acq: 25 Feb 2015 15:10

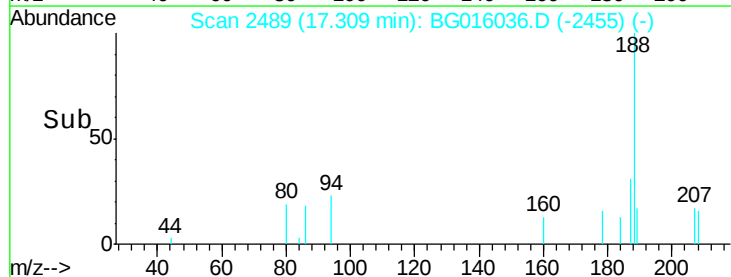
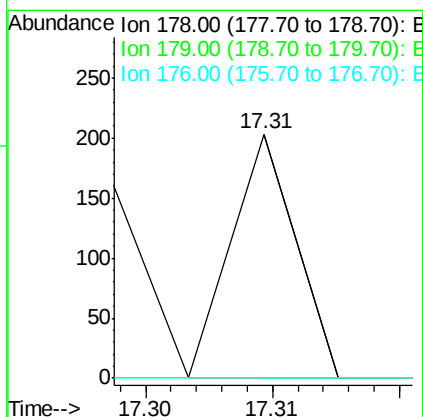
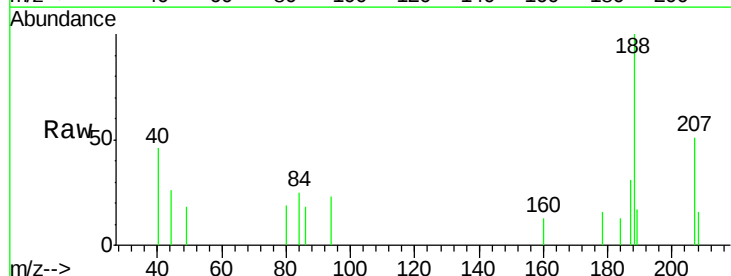
Instrument :
 BNA_G
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 SBLK26

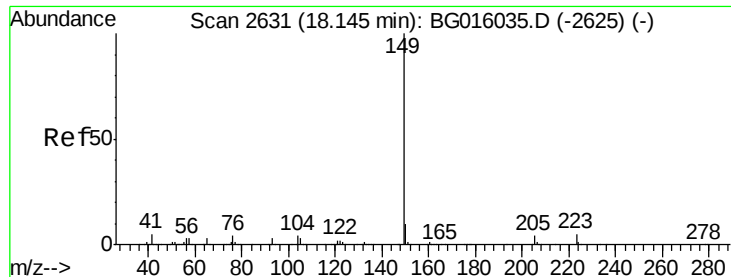
Tgt Ion:166 Resp: 722
 Ion Ratio Lower Upper
 166 100
 165 0.0 75.4 113.2#
 167 30.9 11.0 16.4#



#69
 Anthracene
 Concen: 0.00 ng/ul
 RT: 17.31 min Scan# 2489
 Delta R.T. -0.00 min
 Lab File: BG016036.D
 Acq: 25 Feb 2015 15:10

Tgt Ion:178 Resp: 72
 Ion Ratio Lower Upper
 178 100
 179 0.0 12.9 19.3#
 176 0.0 15.7 23.5#





#73

Di-n-butylphthalate

Concen: 0.05 ng/ul

RT: 18.14 min Scan# 2631

Delta R.T. -0.00 min

Lab File: BG016036.D

Acq: 25 Feb 2015 15:10

Instrument :

BNA_G

ClientSampleId :

SBLK26

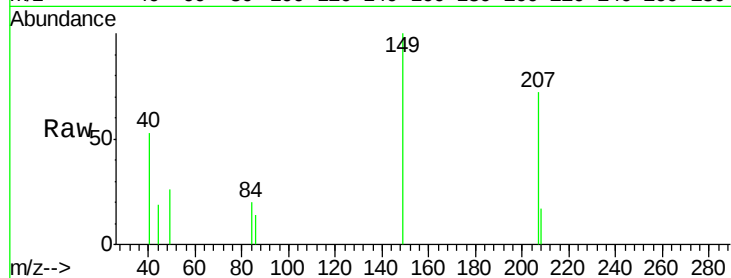
Tgt Ion:149 Resp: 1350

Ion Ratio Lower Upper

149 100

150 0.0 7.6 11.4#

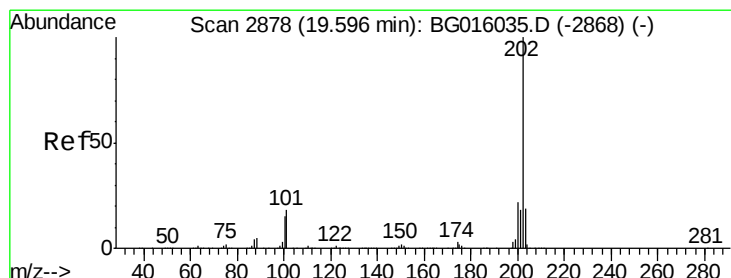
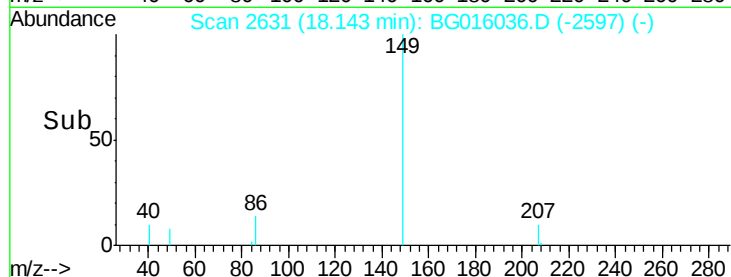
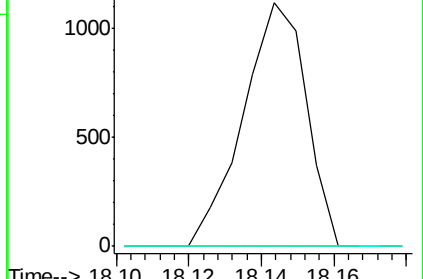
104 0.0 3.7 5.5#



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



#77

Pyrene

Concen: 0.00 ng/ul

RT: 19.59 min Scan# 2878

Delta R.T. -0.00 min

Lab File: BG016036.D

Acq: 25 Feb 2015 15:10

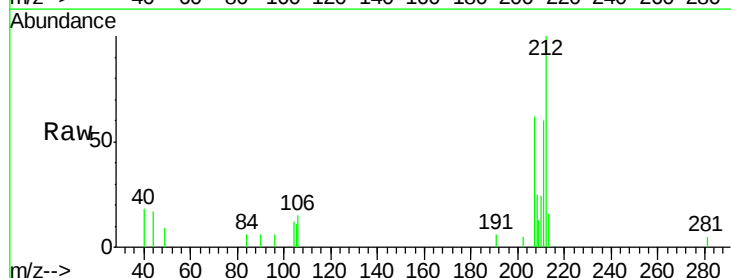
Tgt Ion:202 Resp: 60

Ion Ratio Lower Upper

202 100

101 0.0 15.8 23.8#

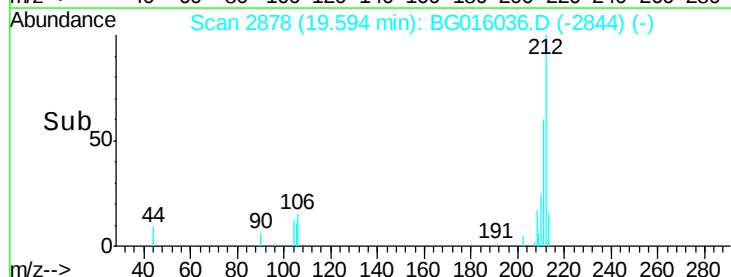
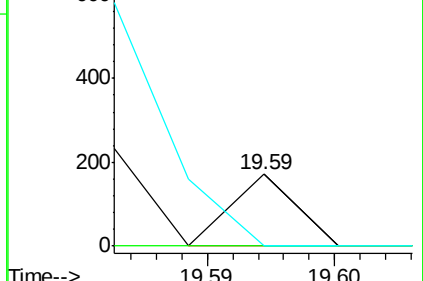
100 0.0 12.7 19.1#

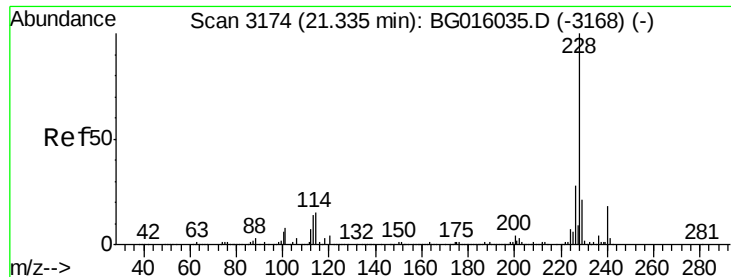


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#80

Benzo(a)anthracene

Concen: 0.06 ng/u1

RT: 21.35 min Scan# 3177

Delta R.T. 0.02 min

Lab File: BG016036.D

Acq: 25 Feb 2015 15:10

Instrument :

BNA_G

ClientSampled :

SBLK26

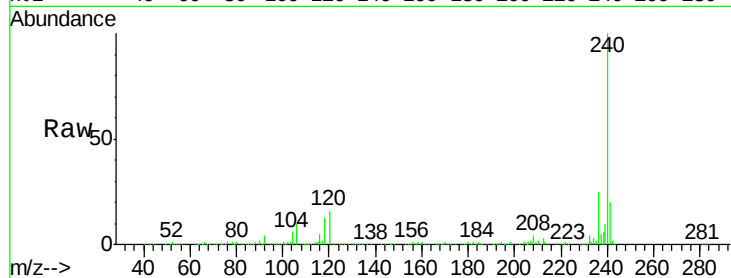
Tgt Ion:228 Resp: 1505

Ion Ratio Lower Upper

228 100

229 25.4 16.4 24.6#

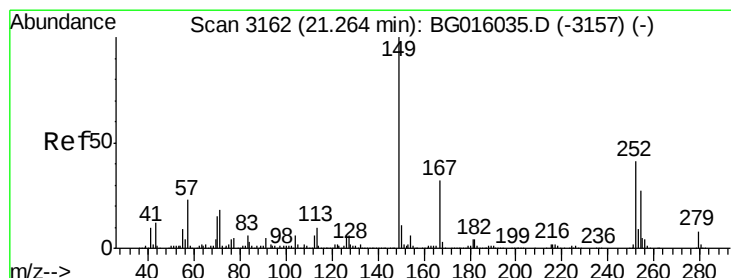
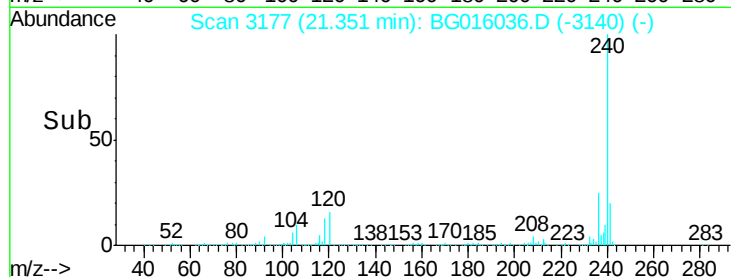
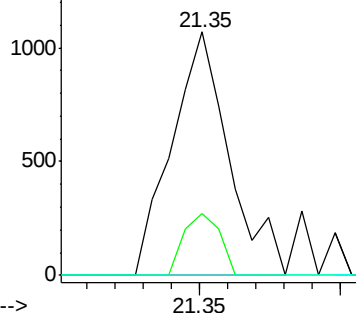
226 0.0 22.8 34.2#



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



#81

Bis(2-ethylhexyl)phthalate

Concen: 0.01 ng/u1

RT: 21.27 min Scan# 3163

Delta R.T. 0.00 min

Lab File: BG016036.D

Acq: 25 Feb 2015 15:10

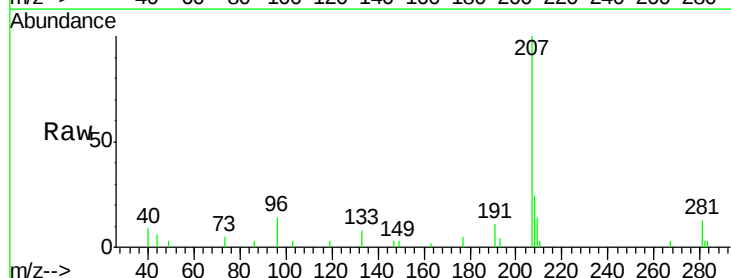
Tgt Ion:149 Resp: 196

Ion Ratio Lower Upper

149 100

167 0.0 25.5 38.3#

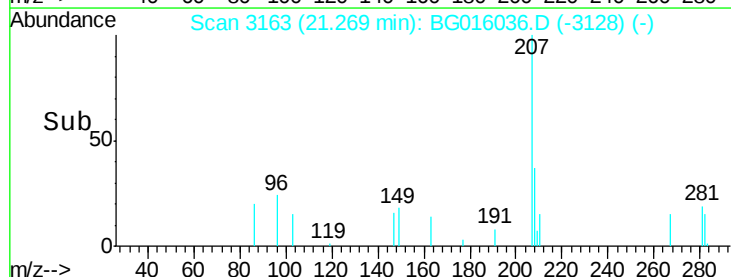
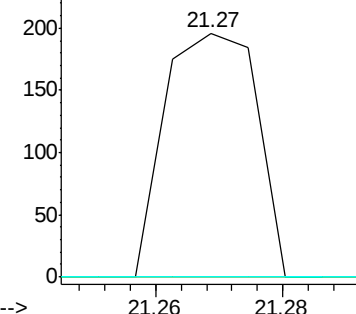
279 0.0 6.0 9.0#

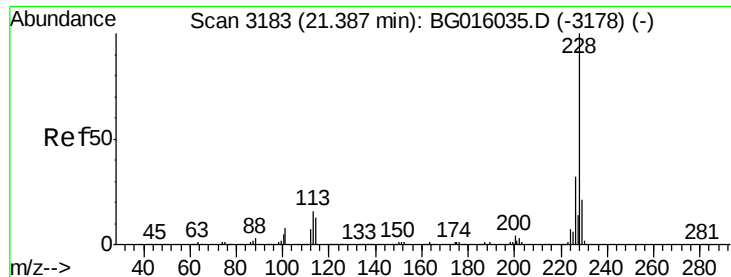


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 0.00 ng/ul

RT: 21.39 min Scan# 3183

Delta R.T. -0.00 min

Lab File: BG016036.D

Acq: 25 Feb 2015 15:10

Instrument :

BNA_G

ClientSampleId :

SBLK26

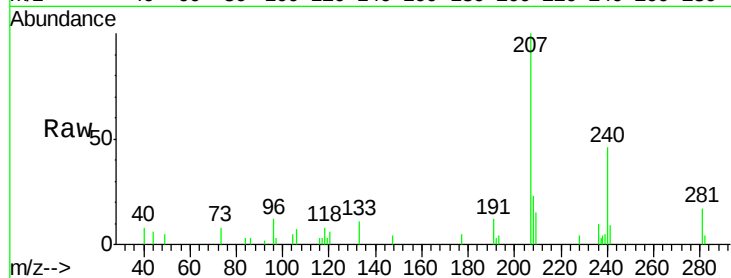
Tgt Ion:228 Resp: 100

Ion Ratio Lower Upper

228 100

226 0.0 24.7 37.1#

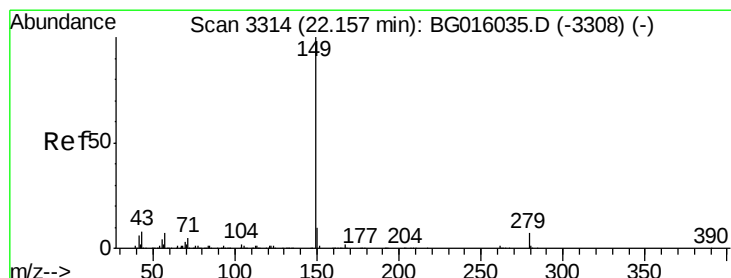
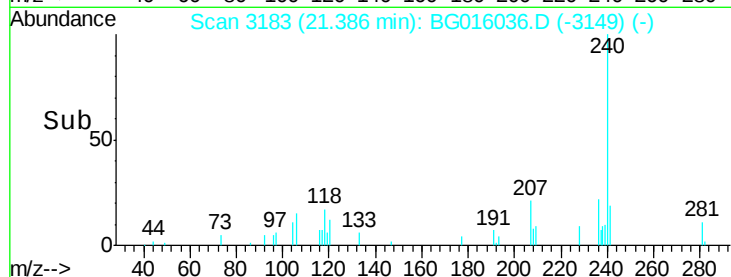
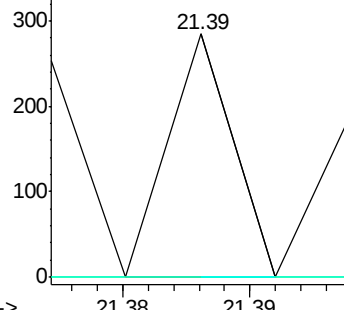
229 0.0 17.0 25.6#



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: 0.00 ng/ul

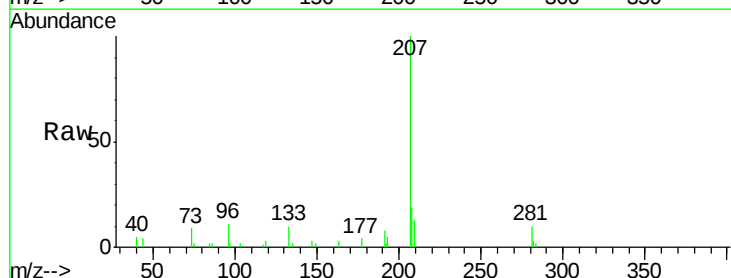
RT: 22.30 min Scan# 3339

Delta R.T. 0.15 min

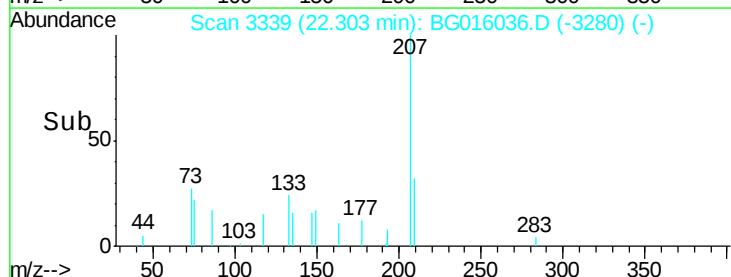
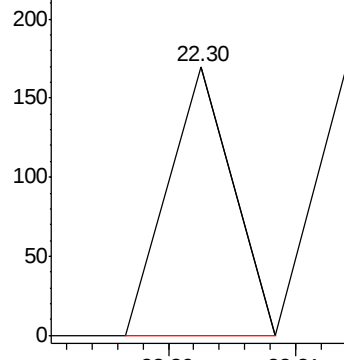
Lab File: BG016036.D

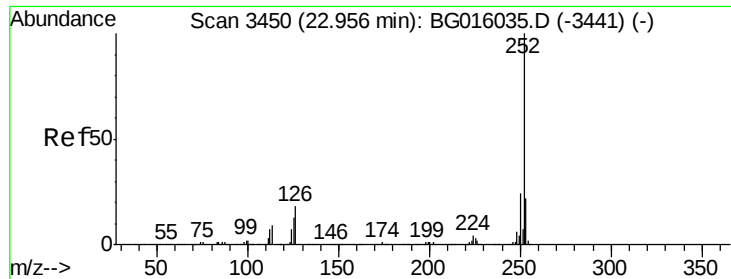
Acq: 25 Feb 2015 15:10

Tgt Ion:149 Resp: 60



Abundance Ion 149.00 (148.70 to 149.70): E

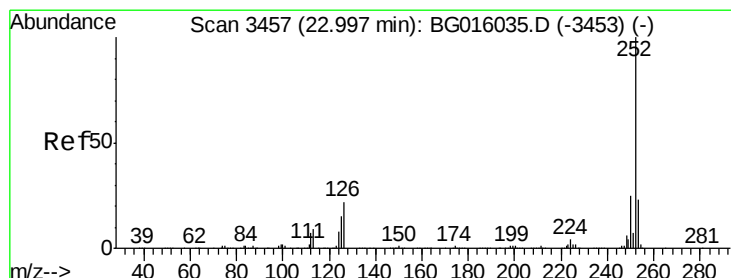
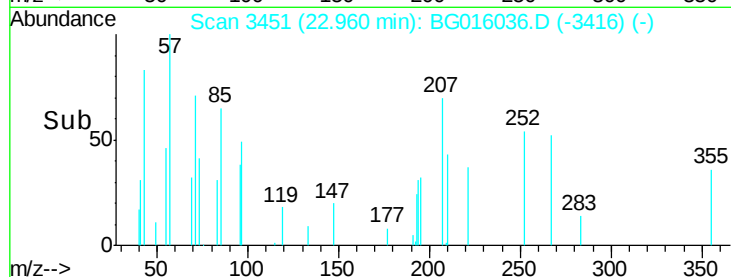
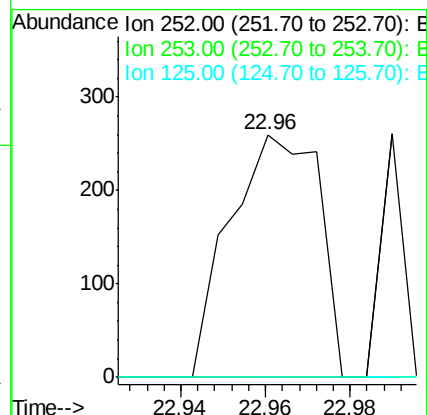
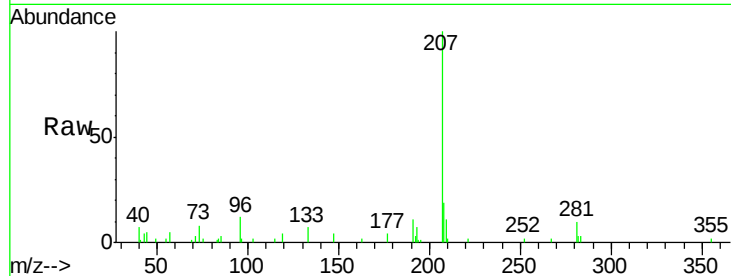




#85
Benzo(b)fluoranthene
Concen: 0.02 ng/ul
RT: 22.96 min Scan# 3451
Delta R.T. 0.00 min
Lab File: BG016036.D
Acq: 25 Feb 2015 15:10

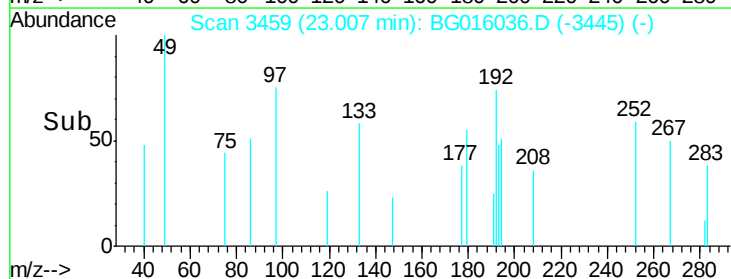
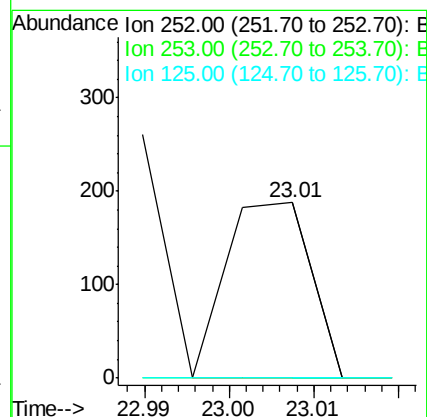
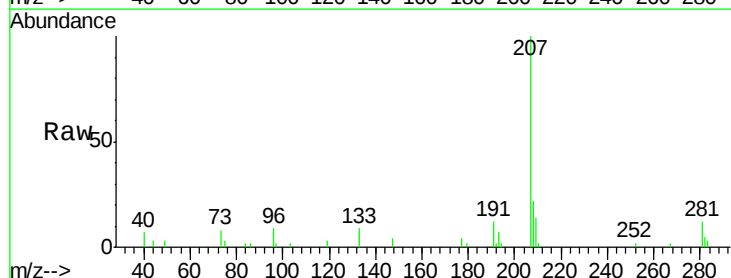
Instrument :
BNA_G
ClientSampleId :
SBLK26

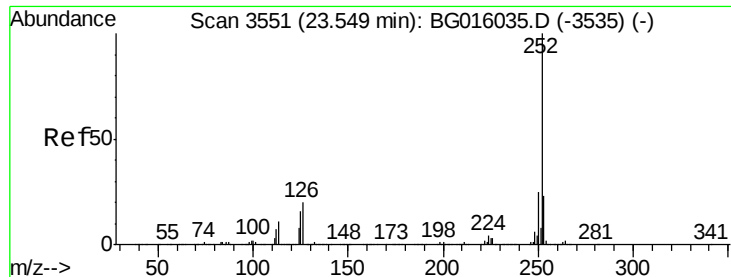
Tgt Ion:252 Resp: 380
Ion Ratio Lower Upper
252 100
253 0.0 18.2 27.2#
125 0.0 11.9 17.9#



#86
Benzo(k)fluoranthene
Concen: 0.01 ng/ul
RT: 23.01 min Scan# 3459
Delta R.T. 0.01 min
Lab File: BG016036.D
Acq: 25 Feb 2015 15:10

Tgt Ion:252 Resp: 130
Ion Ratio Lower Upper
252 100
253 0.0 18.2 27.2#
125 0.0 11.4 17.2#





#88

Benzo(a)pyrene

Concen: 0.00 ng/ul

RT: 23.55 min Scan# 3552

Delta R.T. 0.00 min

Lab File: BG016036.D

Acq: 25 Feb 2015 15:10

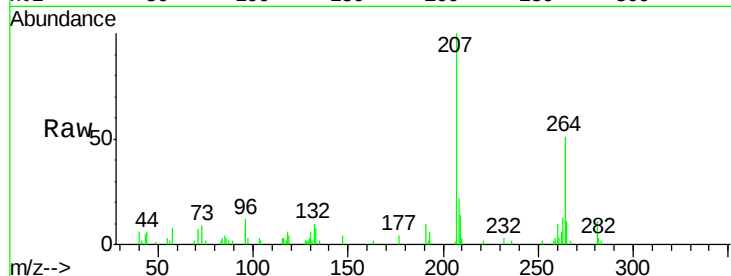
Instrument :

BNA_G

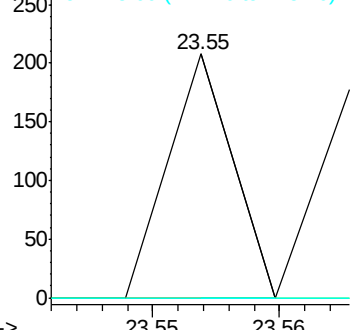
ClientSampleId :

SBLK26

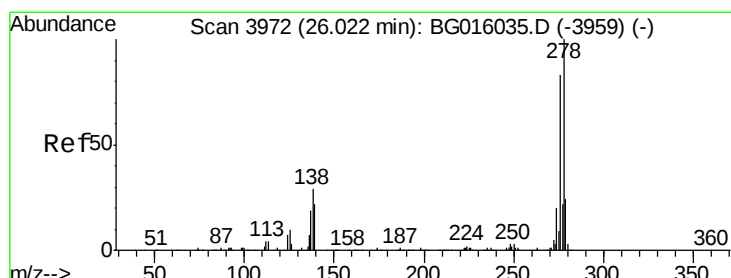
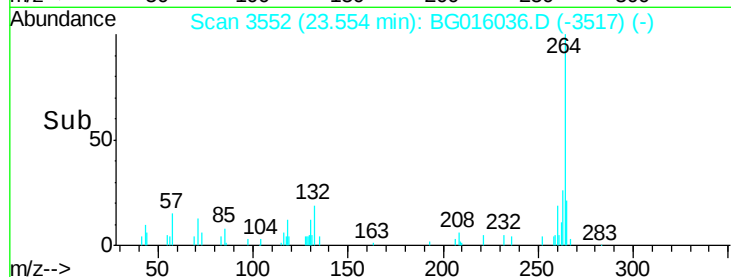
Tgt Ion:	252	Resp:	73
Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.9	26.9#
125	0.0	13.2	19.8#



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



Time-->



#90

Dibenzo(a,h)anthracene

Concen: 0.01 ng/ul

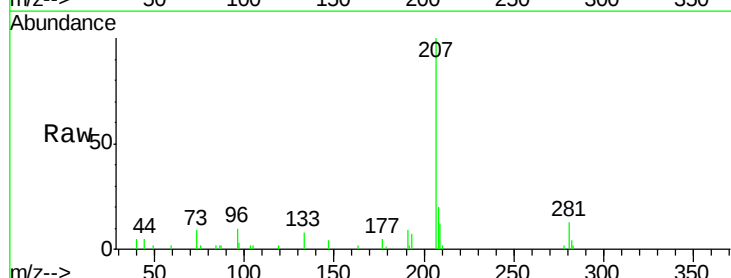
RT: 26.03 min Scan# 3974

Delta R.T. 0.01 min

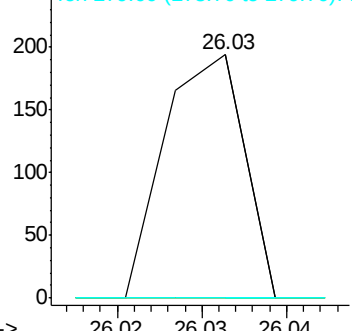
Lab File: BG016036.D

Acq: 25 Feb 2015 15:10

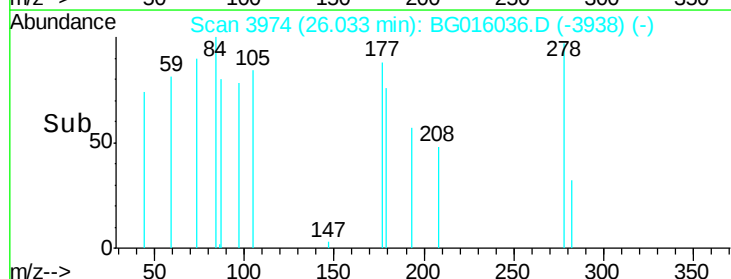
Tgt Ion:	278	Resp:	127
Ion	Ratio	Lower	Upper
278	100		
139	0.0	17.0	25.4#
279	0.0	19.3	28.9#

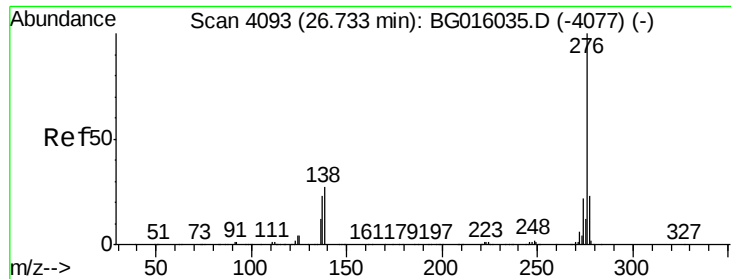


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



Time-->





#91

Benzo(g,h,i)perylene

Concen: 0.00 ng/ul

RT: 26.74 min Scan# 4094

Delta R.T. 0.00 min

Lab File: BG016036.D

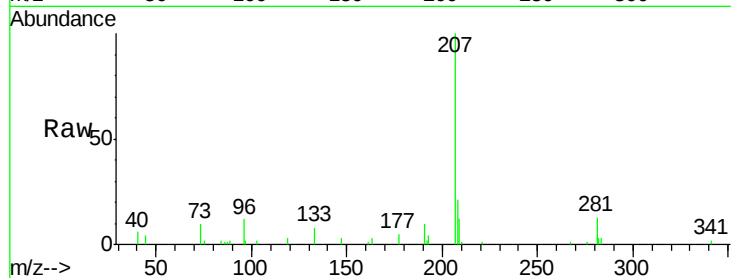
Acq: 25 Feb 2015 15:10

Instrument :

BNA_G

ClientSampleId :

SBLK26



Tgt Ion:	276	Resp:	60
Ion	Ratio	Lower	Upper
276	100		
138	0.0	23.0	34.4#
277	0.0	20.0	30.0#

