

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042115\
 Data File : BG016592.D
 Acq On : 21 Apr 2015 20:23
 Operator : TP/IZ
 Sample : G1951-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SVOC-GPC-BLANK

Quant Time: Apr 22 04:42:47 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 22 02:10:07 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	45358	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	186183	20.00	ng	0.00
38) Acenaphthene-d10	14.28	164	105048	20.00	ng	0.00
63) Phenanthrene-d10	17.02	188	232368	20.00	ng	0.00
75) Chrysene-d12	21.21	240	249483	20.00	ng	0.00
86) Perylene-d12	23.43	264	234373	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units
5) 2-Fluorophenol	0.00	112	0	0.00	ng
7) Phenol-d6	0.00	99	0	0.00	ng
23) Nitrobenzene-d5	0.00	82	0	0.00	ng
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng
44) 2-Fluorobiphenyl	0.00	172	0	0.00	ng
78) Terphenyl-d14	0.00	244	0	0.00	ng

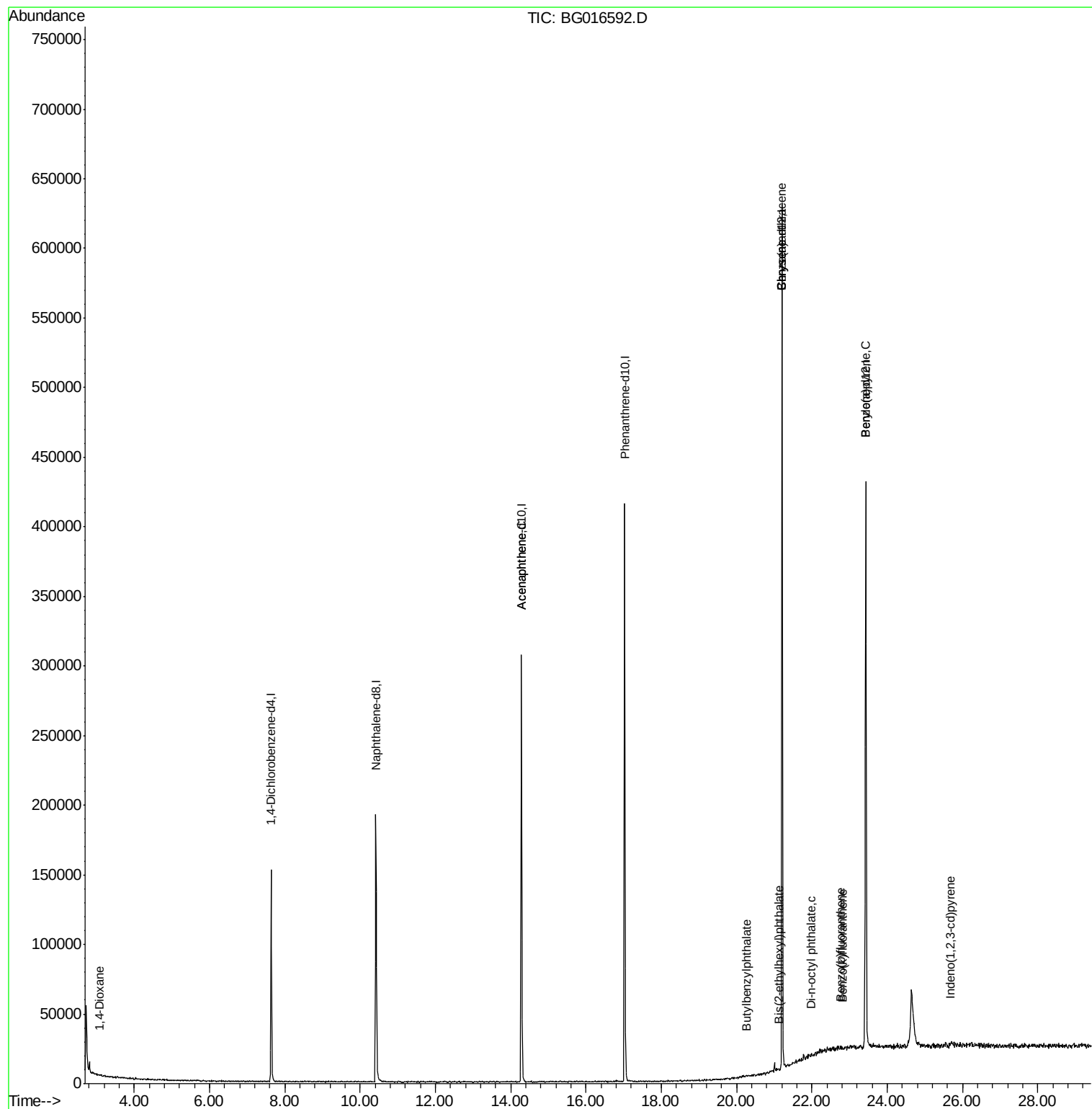
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.08	88	219	0.17	ng	# 31
51) Acenaphthene	14.29	154	183	0.03	ng	# 6
79) Butylbenzylphthalate	20.25	149	57	0.01	ng	# 24
80) Benzo(a)anthracene	21.21	228	889	0.06	ng	# 64
82) Chrysene	21.21	228	889	0.06	ng	# 61
83) Bis(2-ethylhexyl)phthalate	21.12	149	430	0.04	ng	# 48
84) Di-n-octyl phthalate	21.99	149	652	0.03	ng	# 24
85) Indeno(1,2,3-cd)pyrene	25.68	276	60	0.00	ng	# 35
87) Benzo(b)fluoranthene	22.76	252	148	0.01	ng	# 55
88) Benzo(k)fluoranthene	22.82	252	138	0.01	ng	# 54
89) Benzo(a)pyrene	23.42	252	905	0.07	ng	# 67

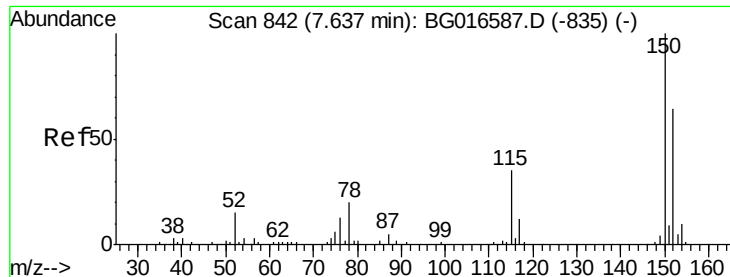
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.63 min Scan# 842

Delta R.T. -0.00 min

Lab File: BG016592.D

Acq: 21 Apr 2015 20:23

Instrument :

BNA_G

ClientSampleId :

SVOC-GPC-BLANK

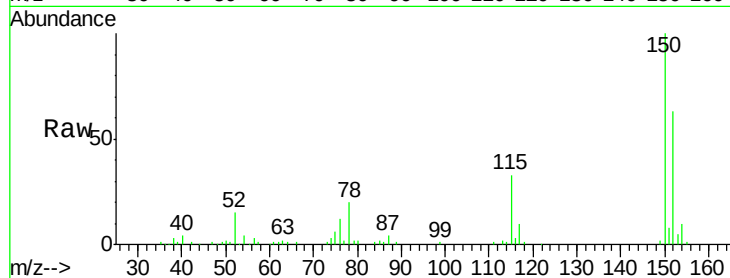
Tgt Ion:152 Resp: 45358

Ion Ratio Lower Upper

152 100

150 159.6 125.5 188.3

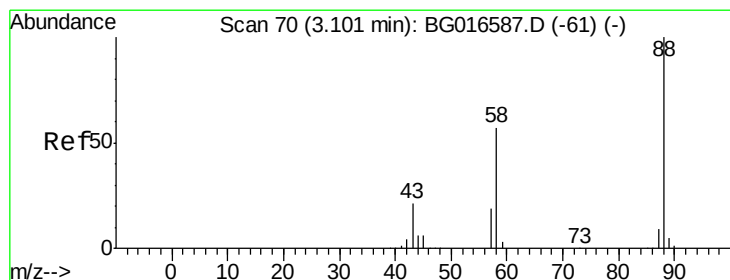
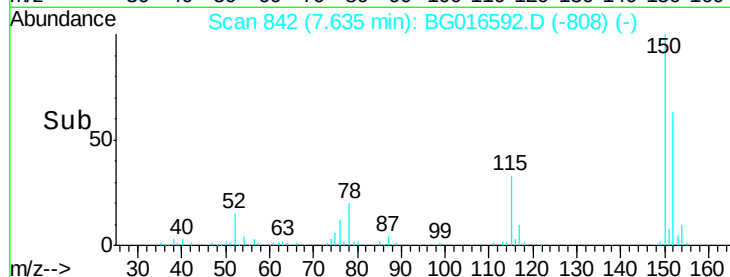
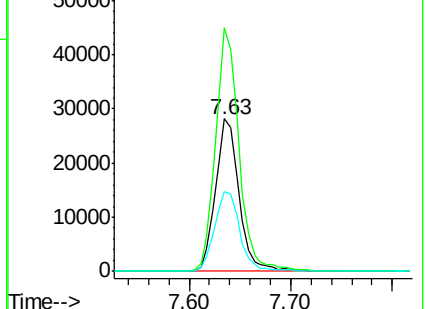
115 52.1 44.5 66.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.17 ng

RT: 3.08 min Scan# 66

Delta R.T. -0.03 min

Lab File: BG016592.D

Acq: 21 Apr 2015 20:23

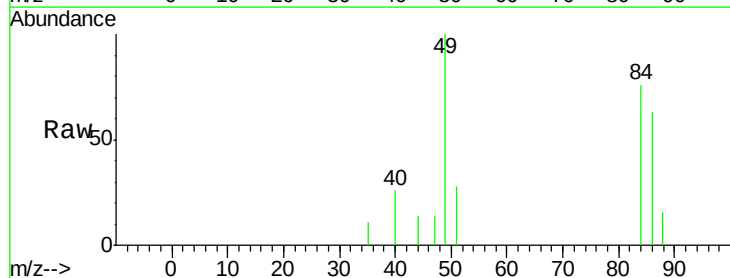
Tgt Ion: 88 Resp: 219

Ion Ratio Lower Upper

88 100

58 0.0 46.0 69.0#

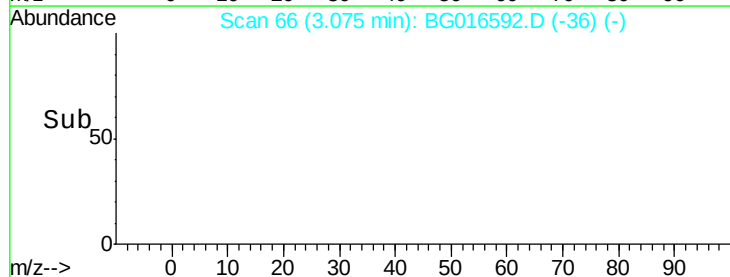
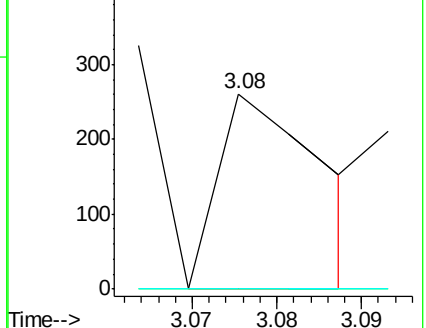
43 0.0 16.2 24.4#

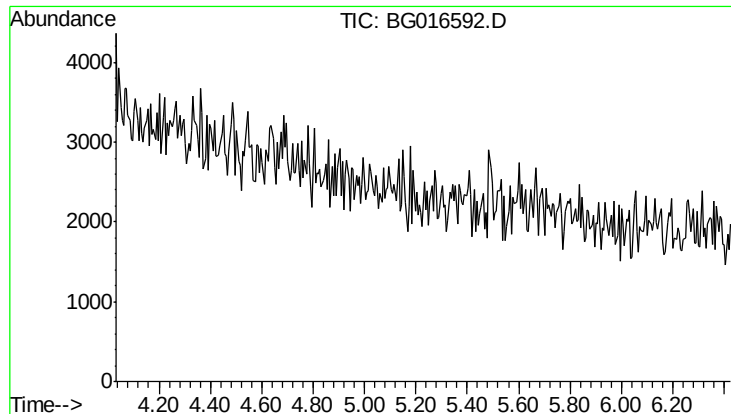


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

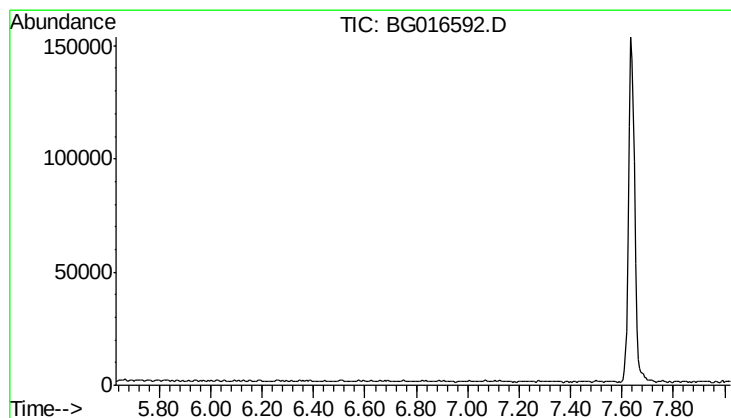
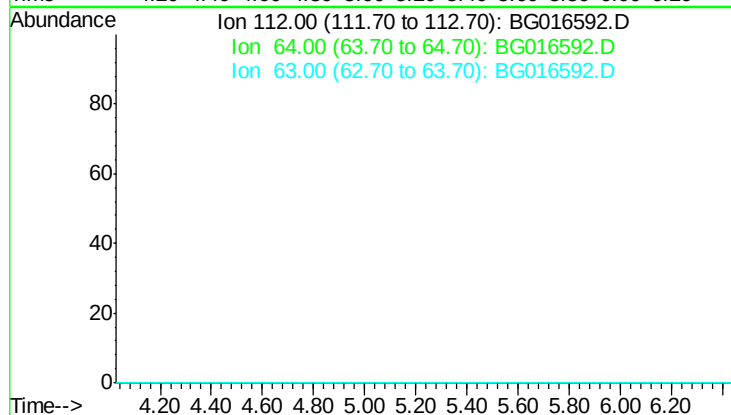




#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.23 min
 Lab File: BG016592.D
 Acq: 21 Apr 2015 20:23

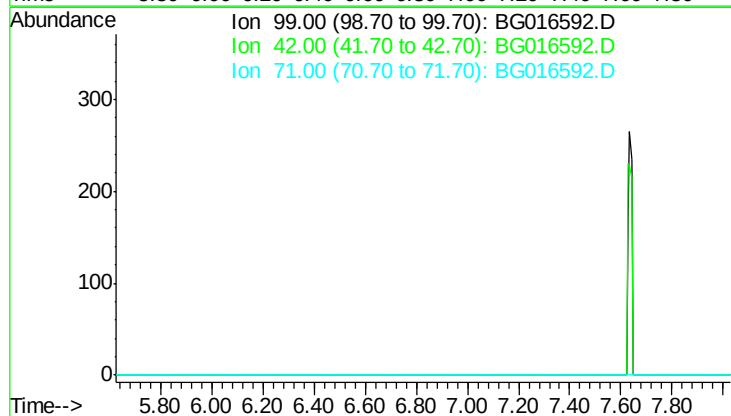
Instrument :
 BNA_G
 ClientSampleId :
 SVOC-GPC-BLANK

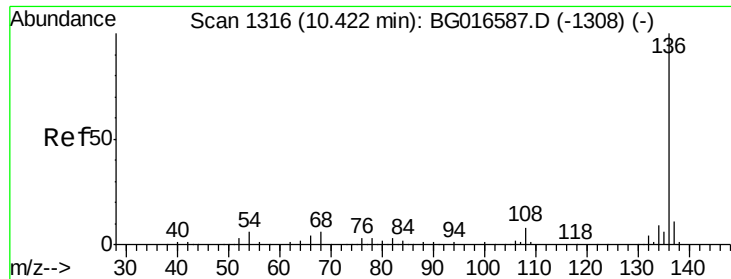
Tgt Ion	Exp Ratio
112	100
64	48.1
63	22.8



#7
 Phenol-d6
 Concen: 0.00 ng
 Expected RT: 6.83 min
 Lab File: BG016592.D
 Acq: 21 Apr 2015 20:23

Tgt Ion	Exp Ratio
99	100
42	11.9
71	25.2

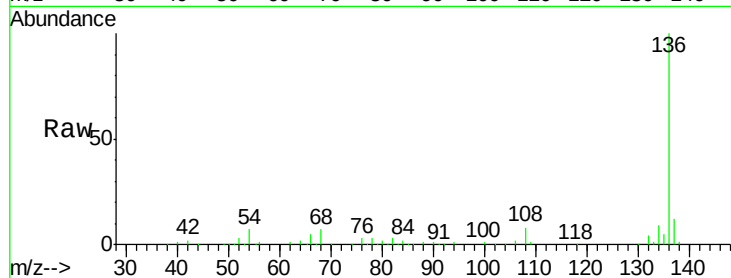




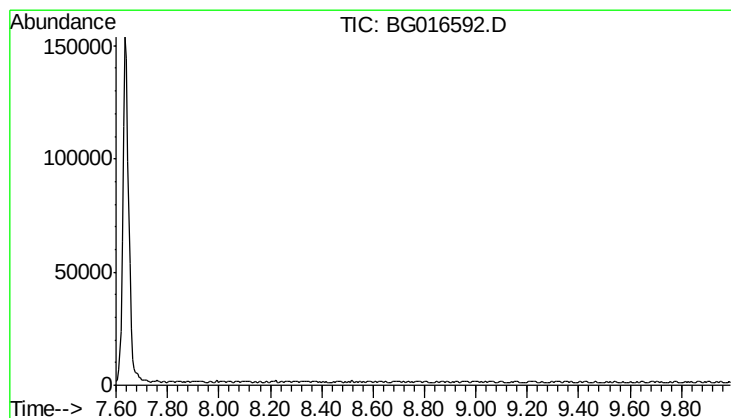
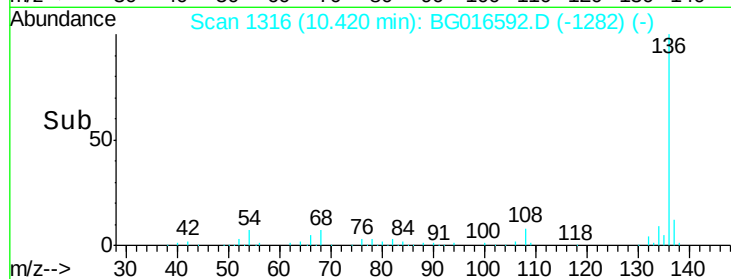
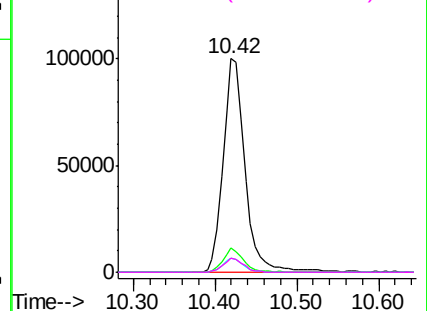
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.42 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BG016592.D
Acq: 21 Apr 2015 20:23

Instrument :
BNA_G
ClientSampleId :
SVOC-GPC-BLANK

Tgt Ion:	136	Resp:	186183
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.8	13.2
54	6.8	4.9	7.3
68	6.5	4.9	7.3



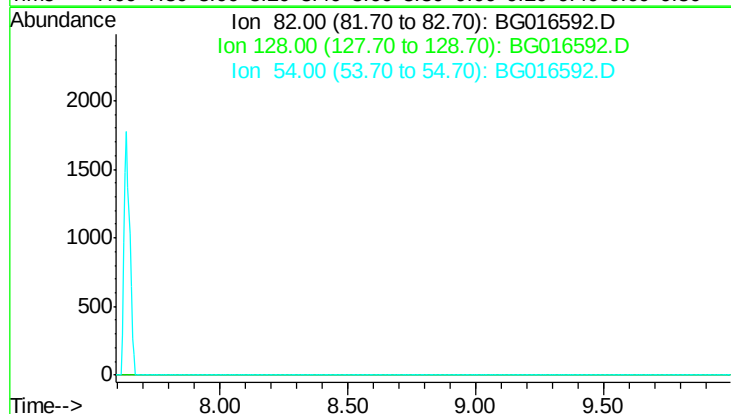
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG0
Ion 68.00 (67.70 to 68.70): BG0

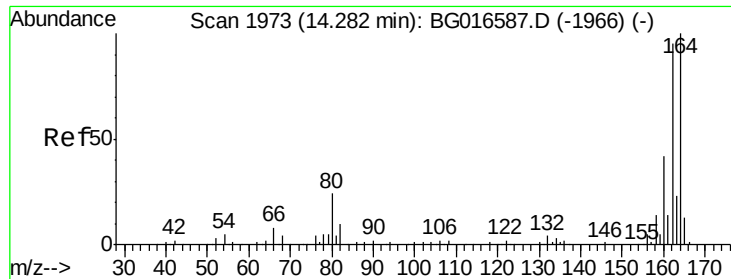


#23
Nitrobenzene-d5
Concen: 0.00 ng
Expected RT: 8.79 min

Lab File: BG016592.D
Acq: 21 Apr 2015 20:23

Tgt Ion:	82
Sig	Exp Ratio
82	100
128	53.4
54	38.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.28 min Scan# 1973

Delta R.T. -0.00 min

Lab File: BG016592.D

Acq: 21 Apr 2015 20:23

Instrument :

BNA_G

ClientSampleId :

SVOC-GPC-BLANK

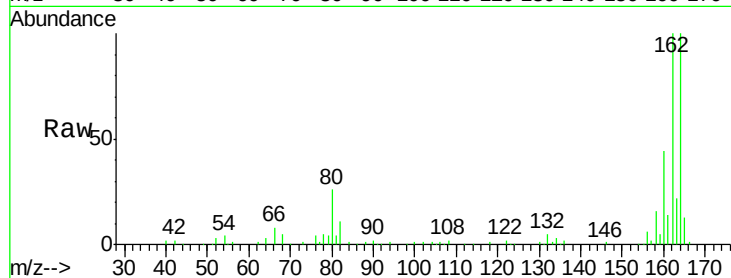
Tgt Ion:164 Resp: 105048

Ion Ratio Lower Upper

164 100

162 99.6 75.8 113.6

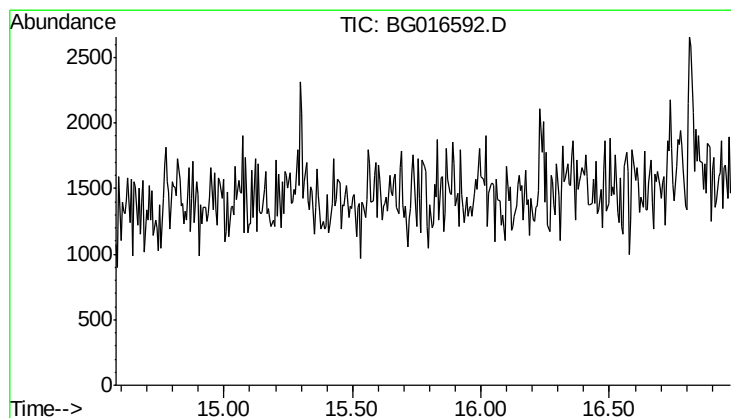
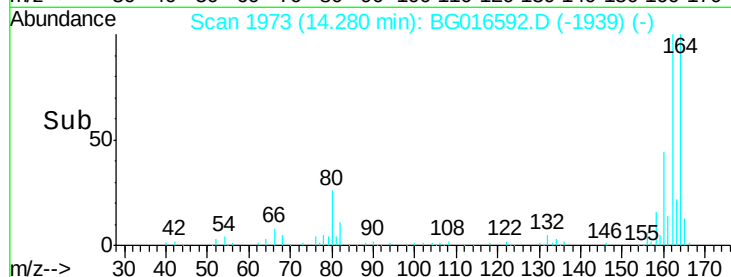
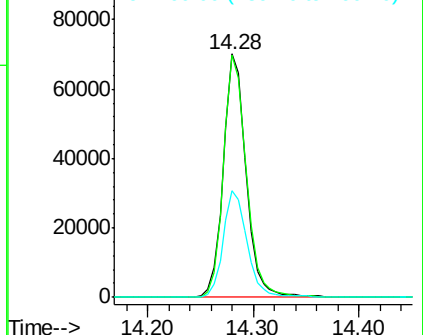
160 44.1 33.8 50.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 0.00 ng

Expected RT: 15.77 min

Lab File: BG016592.D

Acq: 21 Apr 2015 20:23

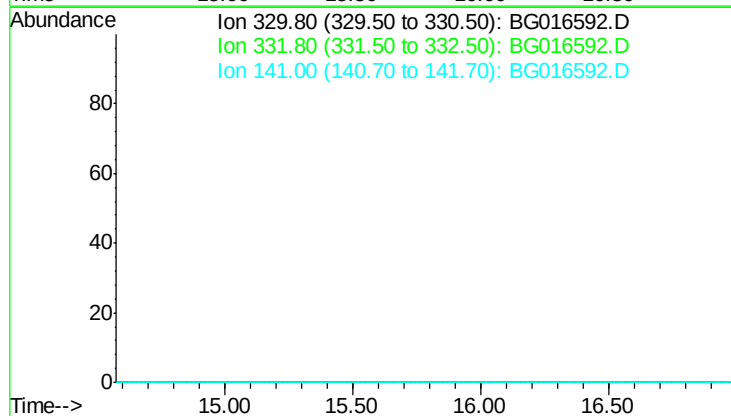
Tgt Ion: 330

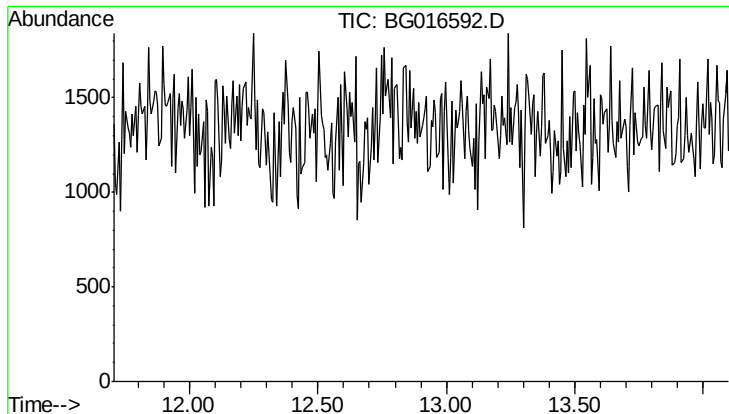
Sig Exp Ratio

330 100

332 95.7

141 57.4

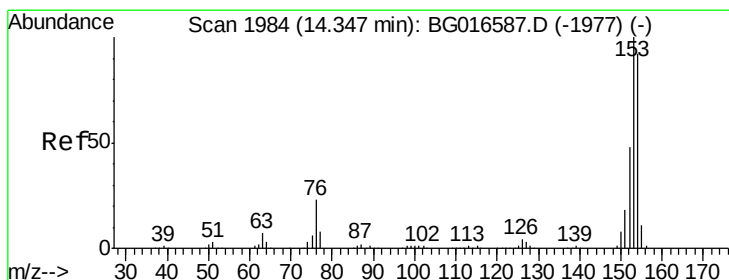
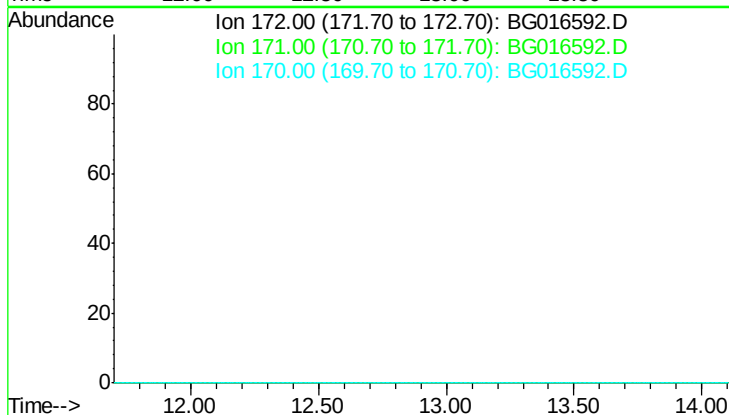




#44
 2-Fluorobiphenyl
 Concen: 0.00 ng
 Expected RT: 12.90 min
 Lab File: BG016592.D
 Acq: 21 Apr 2015 20:23

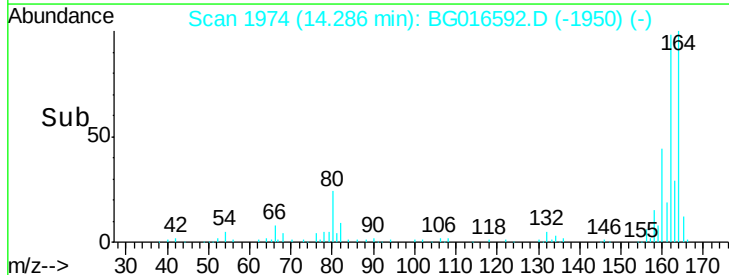
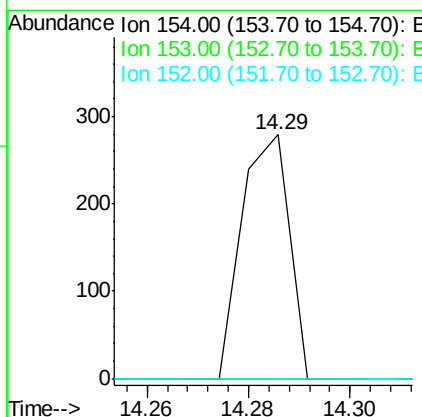
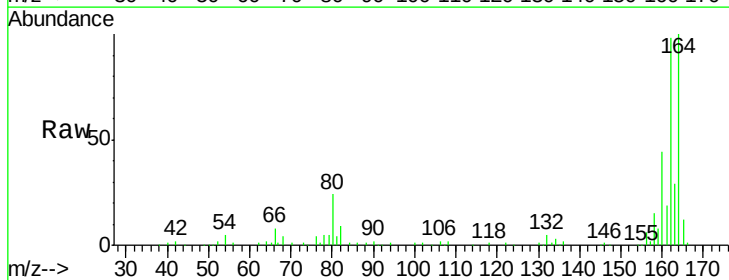
Instrument :
 BNA_G
 ClientSampleId :
 SVOC-GPC-BLANK

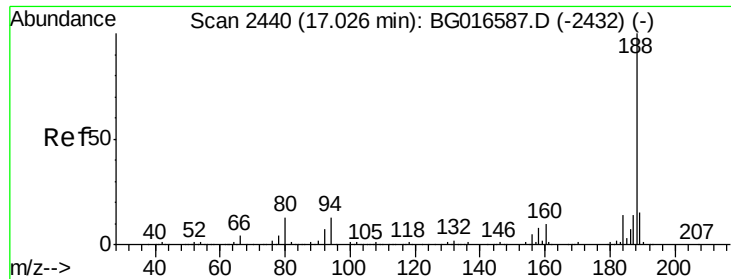
Tgt Ion: 172
 Sig Exp Ratio
 172 100
 171 37.0
 170 24.2



#51
 Acenaphthene
 Concen: 0.03 ng
 RT: 14.29 min Scan# 1974
 Delta R.T. -0.06 min
 Lab File: BG016592.D
 Acq: 21 Apr 2015 20:23

Tgt Ion: 154 Resp: 183
 Ion Ratio Lower Upper
 154 100
 153 0.0 87.3 130.9#
 152 0.0 41.4 62.2#

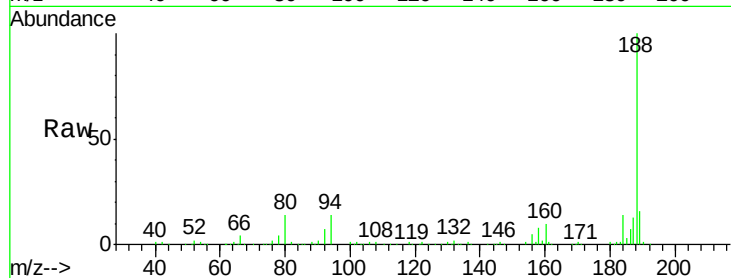




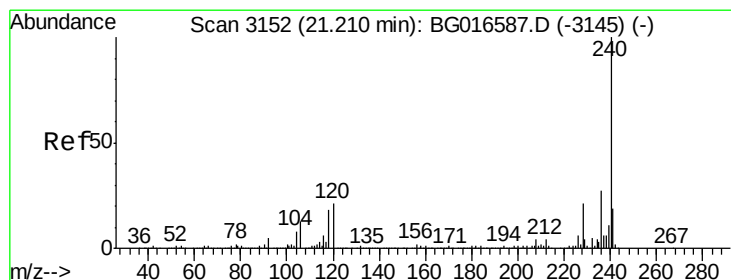
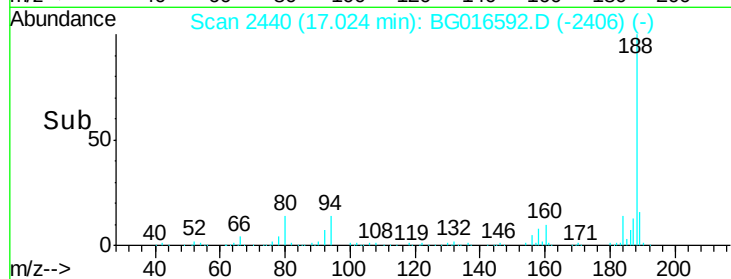
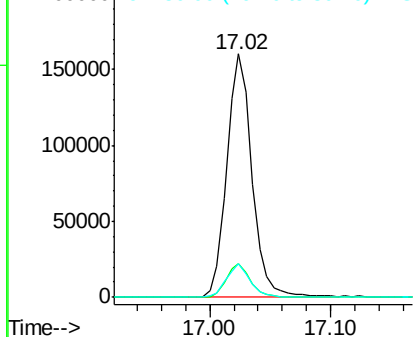
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.02 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG016592.D
Acq: 21 Apr 2015 20:23

Instrument :
BNA_G
ClientSampleId :
SVOC-GPC-BLANK

Tgt Ion:188 Resp: 232368
Ion Ratio Lower Upper
188 100
94 14.0 10.5 15.7
80 13.7 10.6 16.0

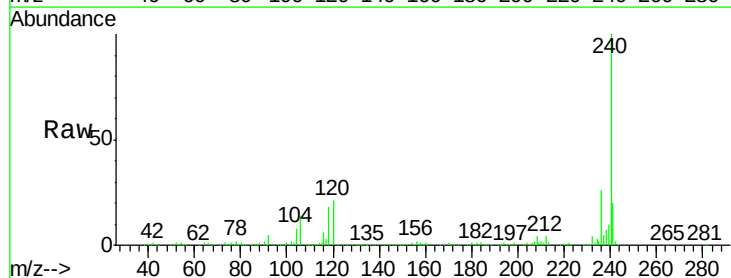


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

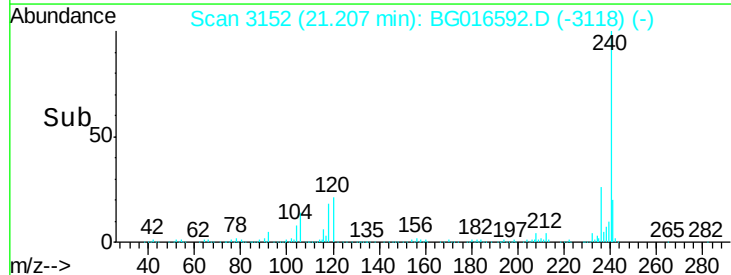
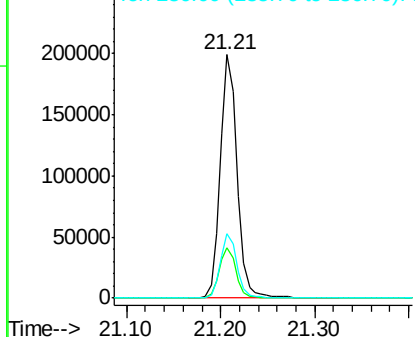


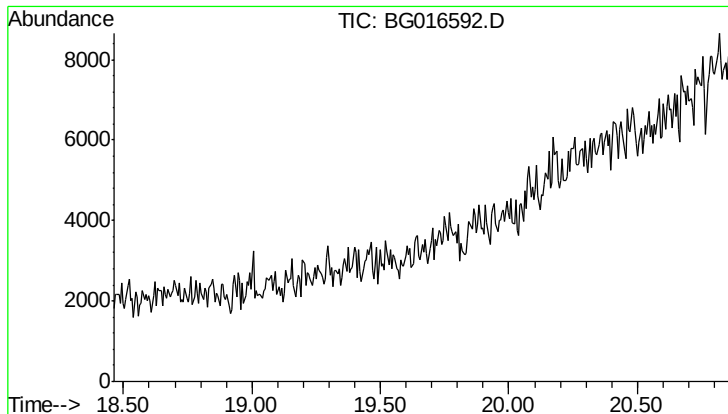
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.21 min Scan# 3152
Delta R.T. -0.00 min
Lab File: BG016592.D
Acq: 21 Apr 2015 20:23

Tgt Ion:240 Resp: 249483
Ion Ratio Lower Upper
240 100
120 20.6 16.7 25.1
236 26.2 21.7 32.5



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 0.00 ng

Expected RT: 19.66 min

Lab File: BG016592.D

Acq: 21 Apr 2015 20:23

Instrument :

BNA_G

ClientSampleId :

SVOC-GPC-BLANK

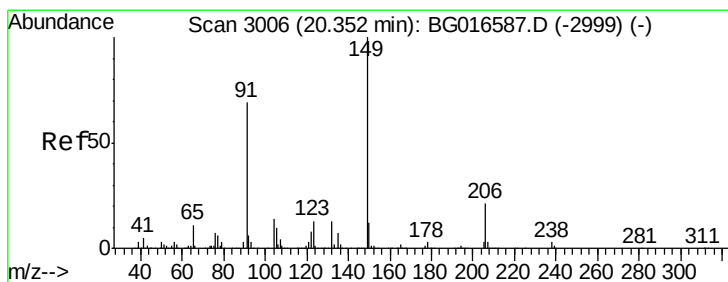
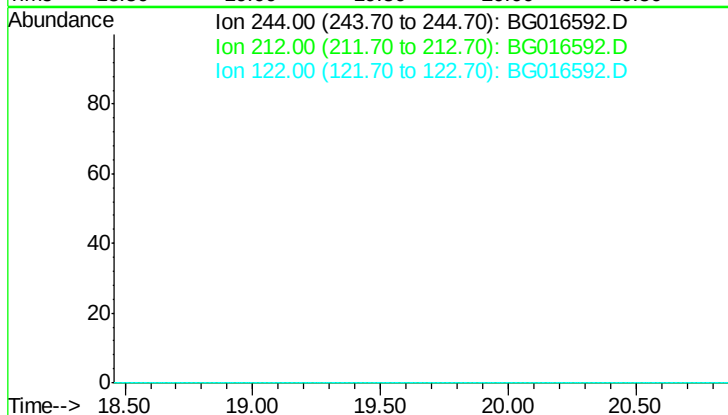
Tgt Ion: 244

Sig Exp Ratio

244 100

212 8.5

122 21.3



#79

Butylbenzylphthalate

Concen: 0.01 ng

RT: 20.25 min Scan# 2989

Delta R.T. -0.10 min

Lab File: BG016592.D

Acq: 21 Apr 2015 20:23

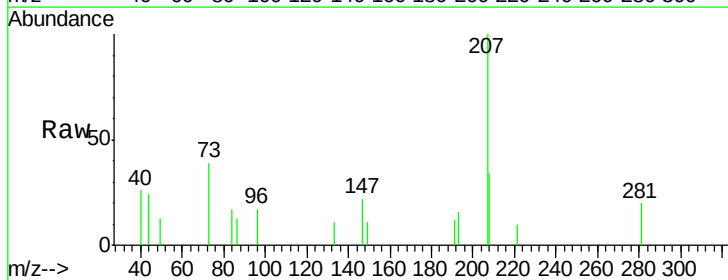
Tgt Ion: 149 Resp: 57

Ion Ratio Lower Upper

149 100

91 0.0 55.4 83.0#

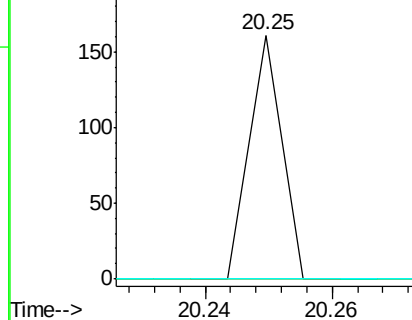
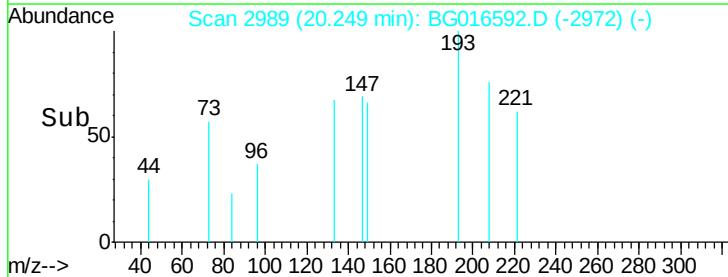
206 0.0 16.4 24.6#

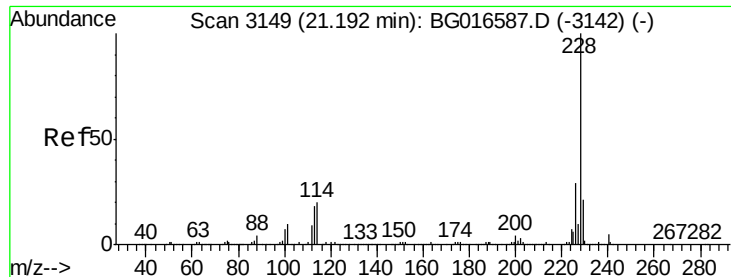


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG016592.D

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 0.06 ng

RT: 21.21 min Scan# 3153

Delta R.T. 0.02 min

Lab File: BG016592.D

Acq: 21 Apr 2015 20:23

Instrument :

BNA_G

ClientSampleId :

SVOC-GPC-BLANK

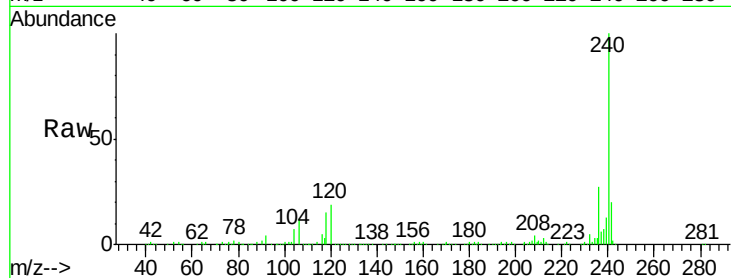
Tgt Ion:228 Resp: 889

Ion Ratio Lower Upper

228 100

226 0.0 23.2 34.8#

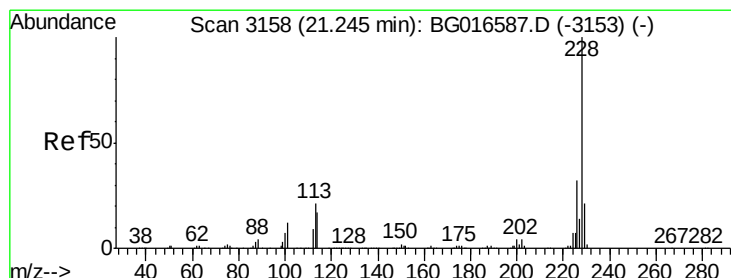
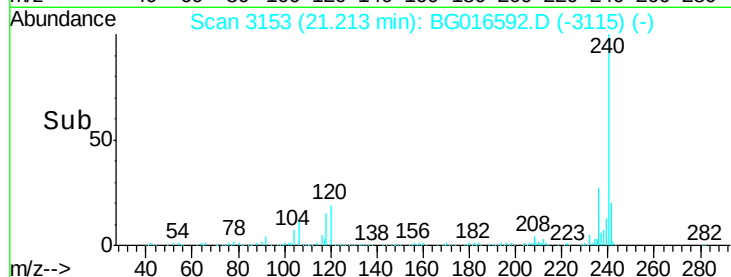
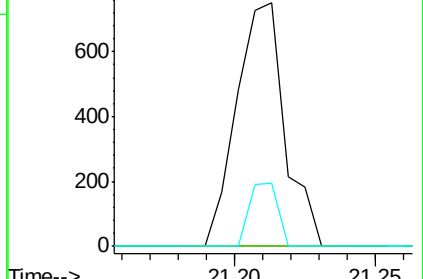
229 25.8 16.9 25.3#



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



#82

Chrysene

Concen: 0.06 ng

RT: 21.21 min Scan# 3153

Delta R.T. -0.03 min

Lab File: BG016592.D

Acq: 21 Apr 2015 20:23

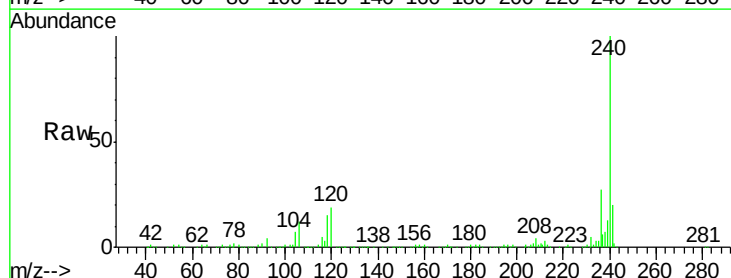
Tgt Ion:228 Resp: 889

Ion Ratio Lower Upper

228 100

226 0.0 25.5 38.3#

229 25.8 16.5 24.7#



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

