

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041816\
 Data File : BG021722.D
 Acq On : 18 Apr 2016 3:13
 Operator : UM/SJ
 Sample : H2532-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-041316

Quant Time: Apr 18 07:13:25 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 15:48:13 2016
 Response via : Initial Calibration

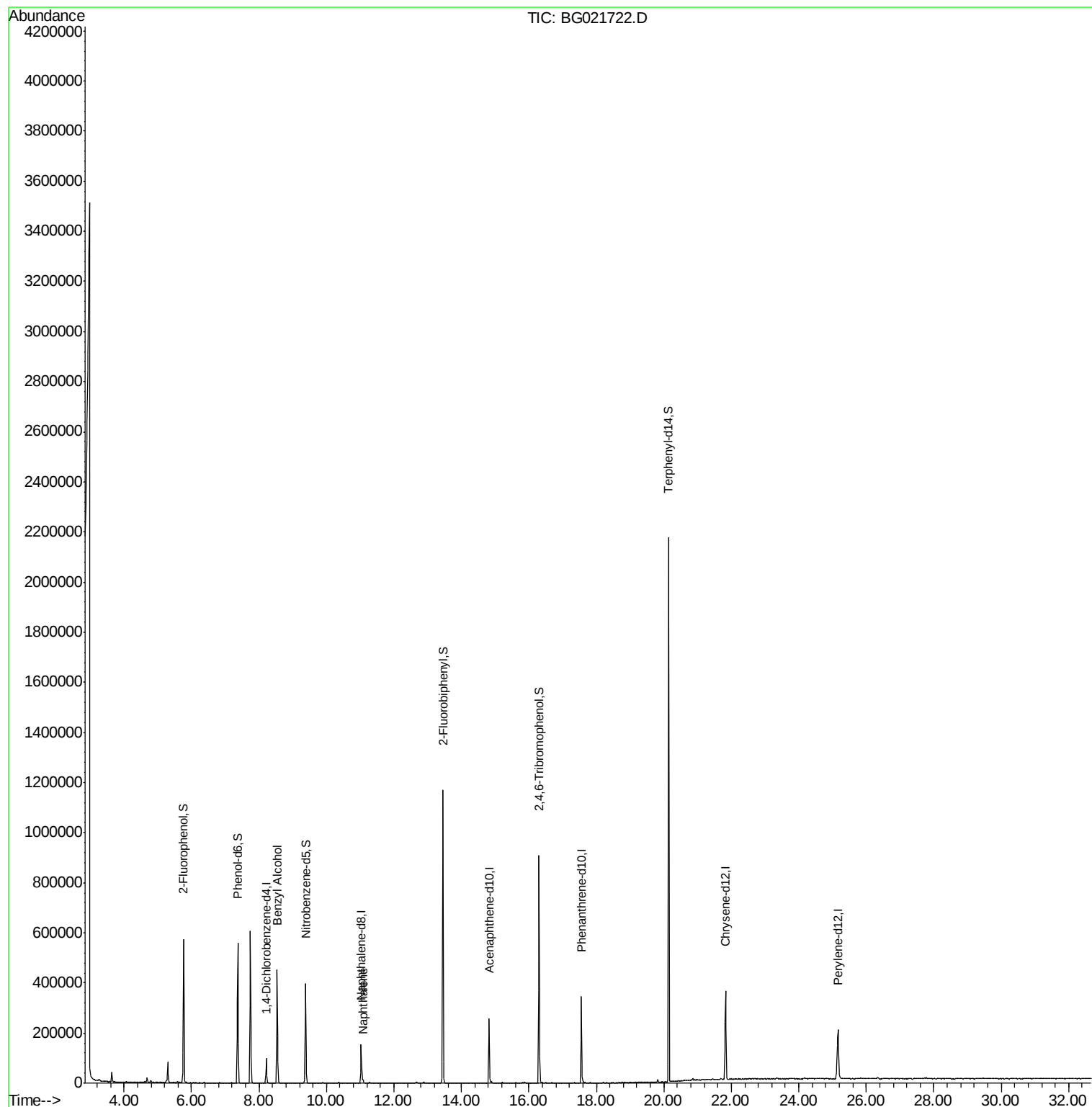
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	27643	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	132548	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	92751	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	210489	20.00	ng	0.00
75) Chrysene-d12	21.83	240	223689	20.00	ng	0.00
86) Perylene-d12	25.16	264	217137	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	250846	151.11	ng	0.00
7) Phenol-d6	7.37	99	330791	133.41	ng	0.01
23) Nitrobenzene-d5	9.38	82	244880	94.96	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	173209	173.27	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	608432	96.11	ng	0.00
78) Terphenyl-d14	20.14	244	931087	103.86	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.54	79	3933	2.08	ng	# 51
31) Naphthalene	11.08	128	14696	2.07	ng	# 95

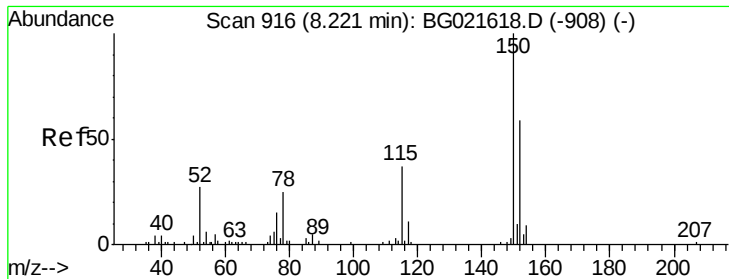
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.21 min Scan# 915

Delta R.T. -0.01 min

Lab File: BG021722.D

Acq: 18 Apr 2016 3:13

Instrument :

BNA_G

ClientSampleId :

WC-041316

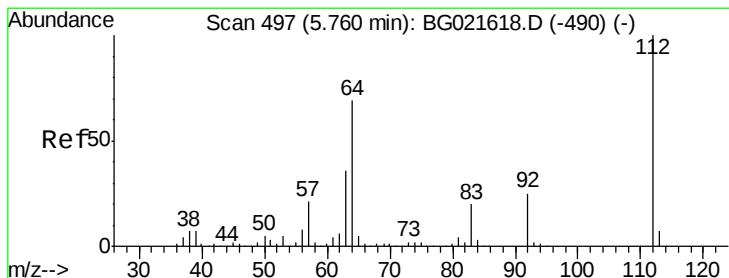
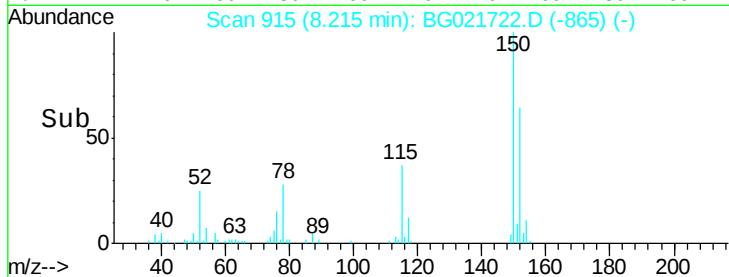
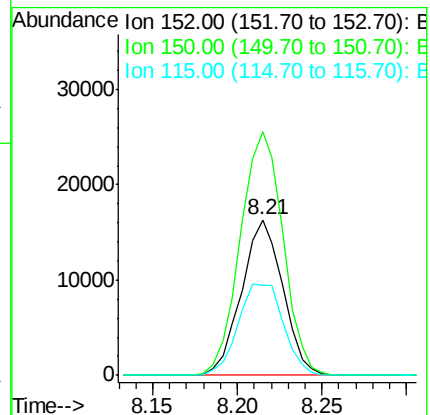
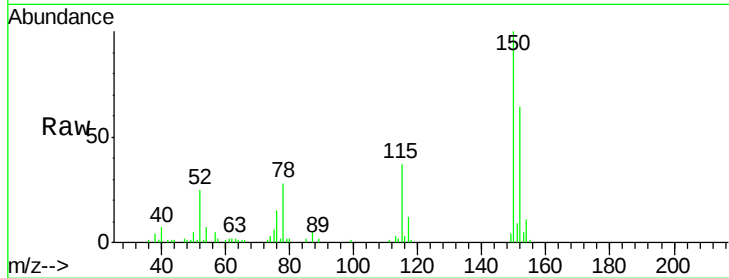
Tgt Ion:152 Resp: 27643

Ion Ratio Lower Upper

152 100

150 156.7 130.1 195.1

115 57.9 62.2 93.2#



#5

2-Fluorophenol

Concen: 151.11 ng

RT: 5.76 min Scan# 498

Delta R.T. 0.01 min

Lab File: BG021722.D

Acq: 18 Apr 2016 3:13

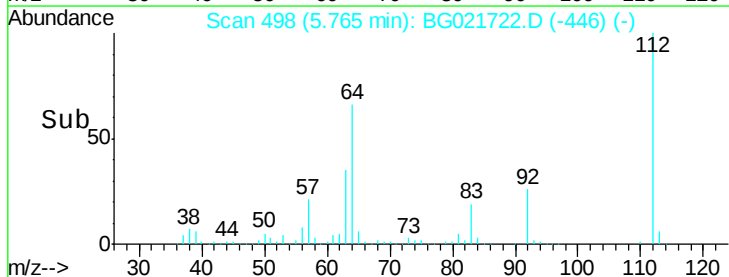
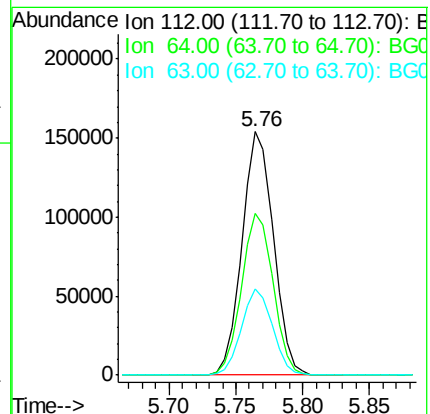
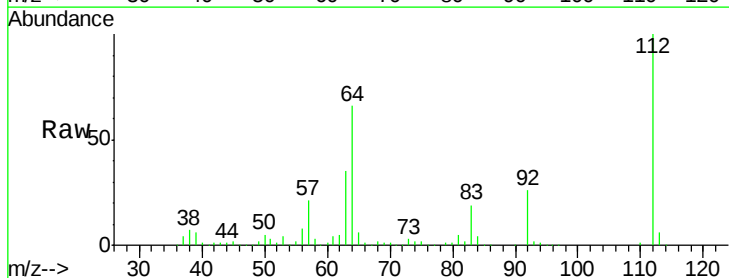
Tgt Ion:112 Resp: 250846

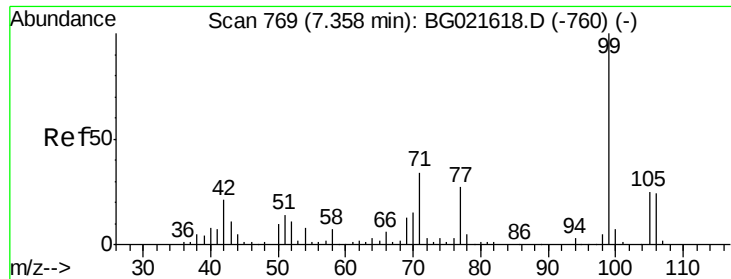
Ion Ratio Lower Upper

112 100

64 66.2 51.1 76.7

63 35.4 24.6 37.0





#7

Phenol-d6

Concen: 133.41 ng

RT: 7.37 min Scan# 771

Delta R.T. 0.01 min

Lab File: BG021722.D

Acq: 18 Apr 2016 3:13

Instrument :

BNA_G

ClientSampleId :

WC-041316

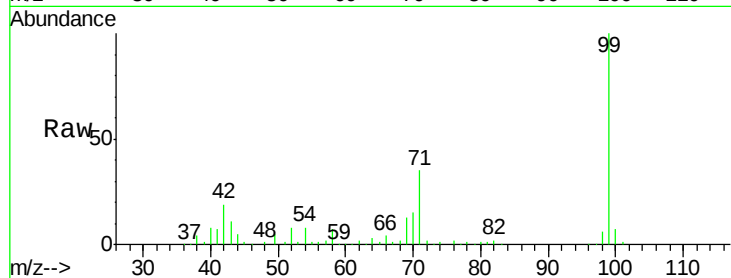
Tgt Ion: 99 Resp: 330791

Ion Ratio Lower Upper

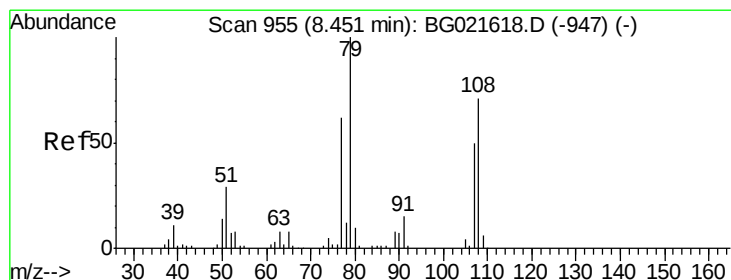
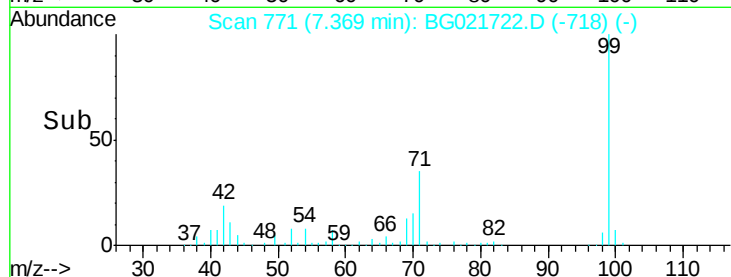
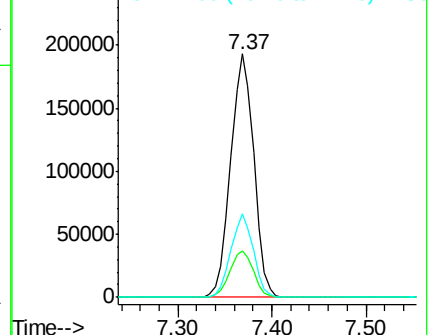
99 100

42 19.2 16.4 24.6

71 34.5 25.0 37.4



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#15

Benzyl Alcohol

Concen: 2.08 ng

RT: 8.54 min Scan# 970

Delta R.T. 0.09 min

Lab File: BG021722.D

Acq: 18 Apr 2016 3:13

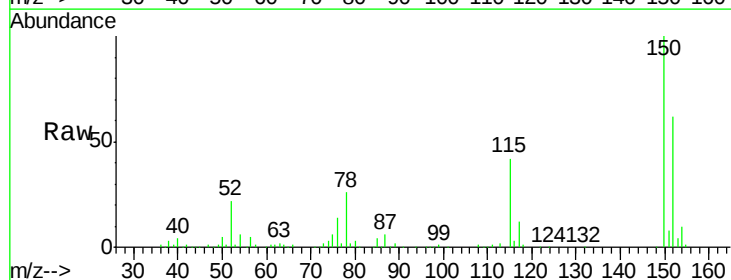
Tgt Ion: 79 Resp: 3933

Ion Ratio Lower Upper

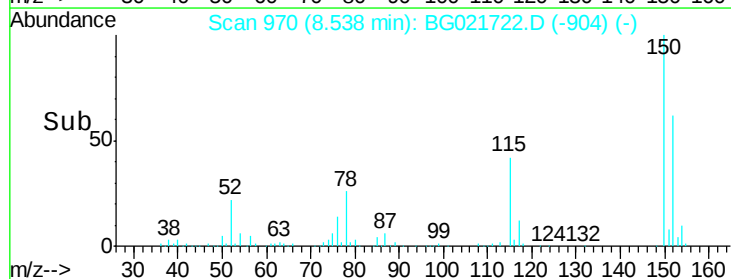
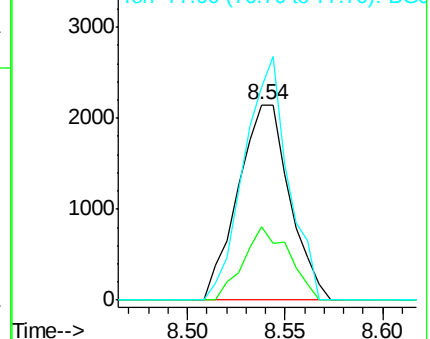
79 100

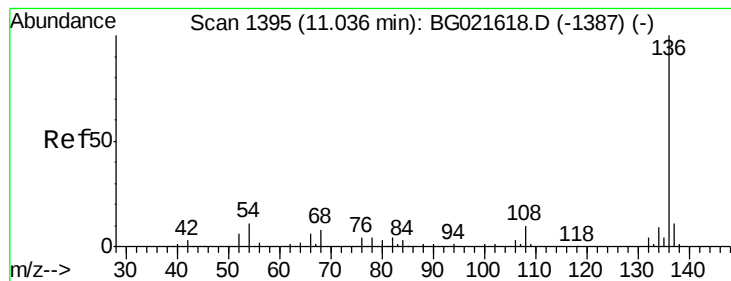
108 37.5 59.4 89.0#

77 108.8 52.2 78.2#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.03 min Scan# 1394

Delta R.T. -0.01 min

Lab File: BG021722.D

Acq: 18 Apr 2016 3:13

Instrument :

BNA_G

ClientSampleId :

WC-041316

Tgt Ion: 136 Resp: 132548

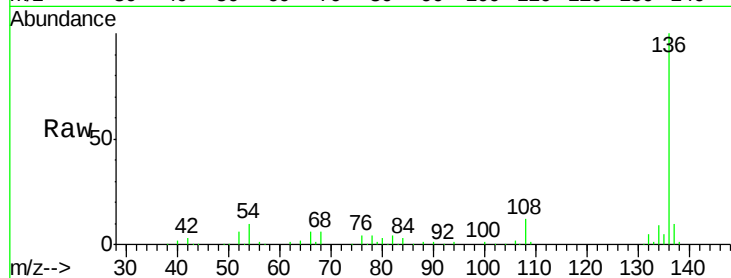
Ion Ratio Lower Upper

136 100

137 10.3 9.0 13.4

54 10.1 9.6 14.4

68 6.2 6.4 9.6#

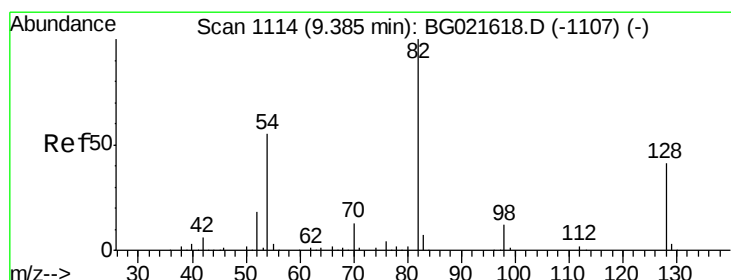
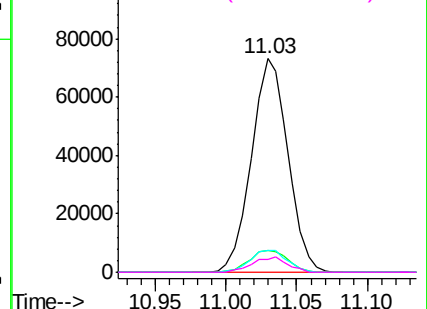
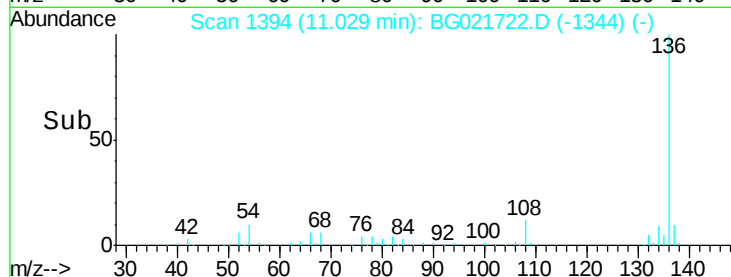


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 94.96 ng

RT: 9.38 min Scan# 1114

Delta R.T. -0.00 min

Lab File: BG021722.D

Acq: 18 Apr 2016 3:13

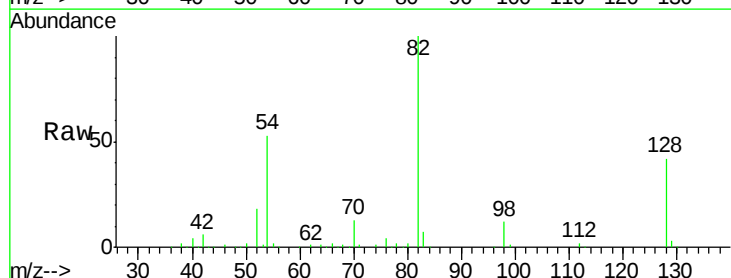
Tgt Ion: 82 Resp: 244880

Ion Ratio Lower Upper

82 100

128 42.3 33.4 50.0

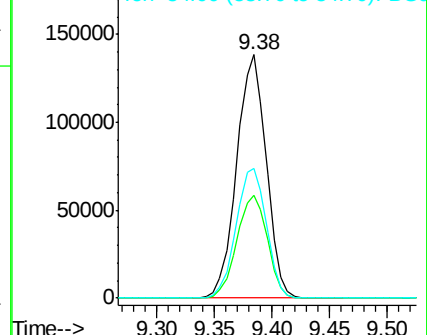
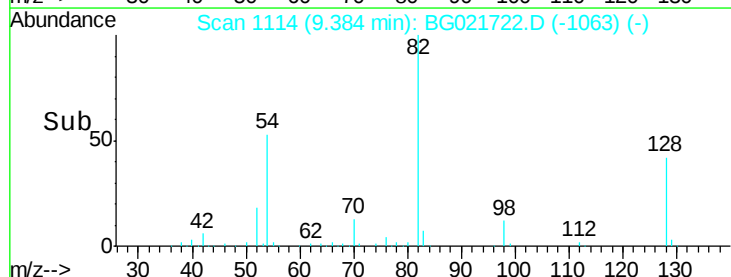
54 53.3 46.1 69.1

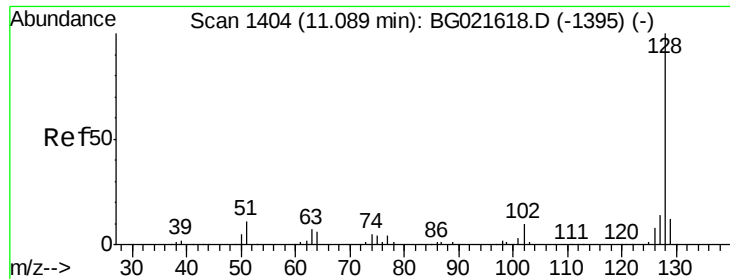


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

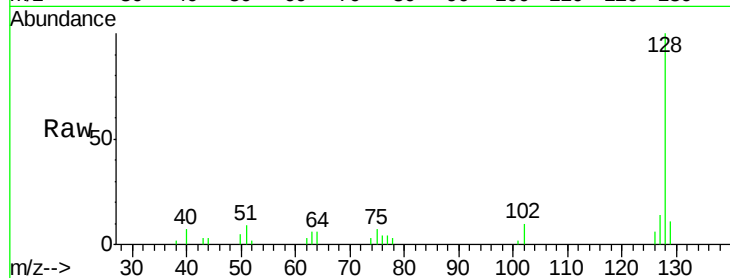




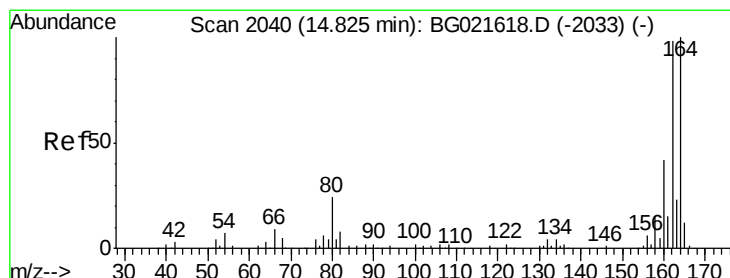
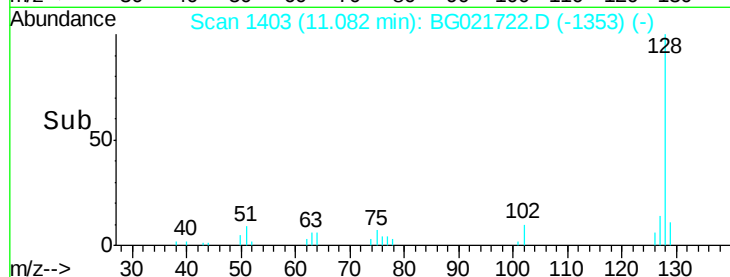
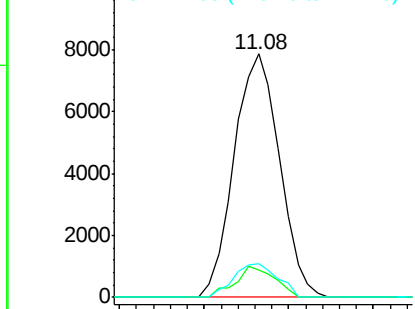
#31
Naphthalene
Concen: 2.07 ng
RT: 11.08 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BG021722.D
Acq: 18 Apr 2016 3:13

Instrument :
BNA_G
ClientSampleId :
WC-041316

Tgt Ion:128 Resp: 14696
Ion Ratio Lower Upper
128 100
129 11.1 7.0 10.6#
127 13.9 10.1 15.1

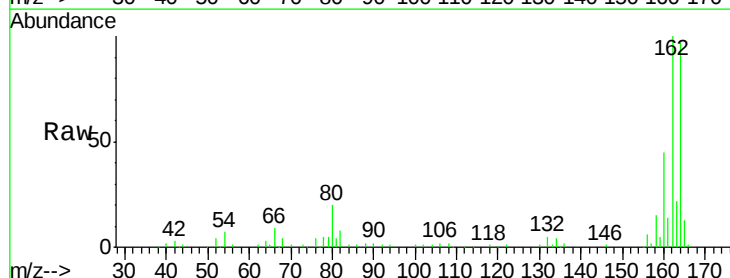


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

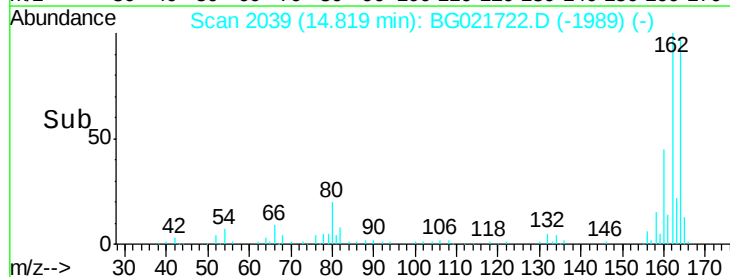
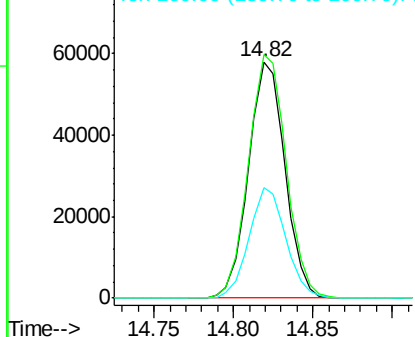


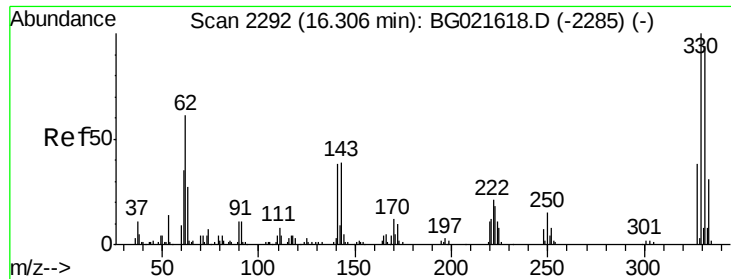
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.82 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BG021722.D
Acq: 18 Apr 2016 3:13

Tgt Ion:164 Resp: 92751
Ion Ratio Lower Upper
164 100
162 103.0 78.0 117.0
160 46.5 32.9 49.3



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

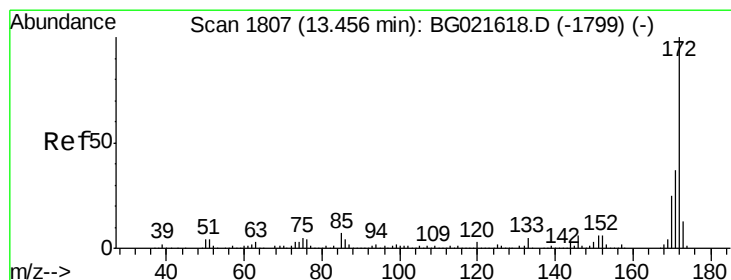
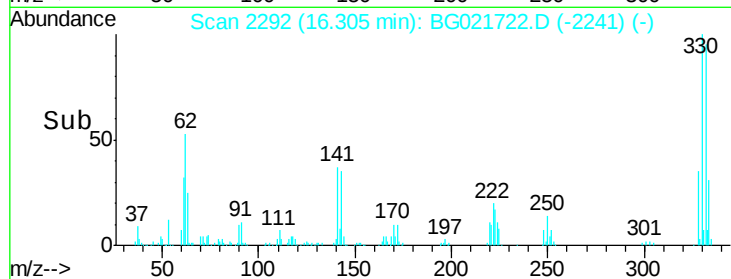
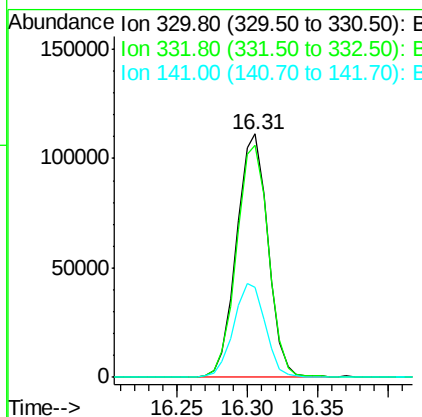
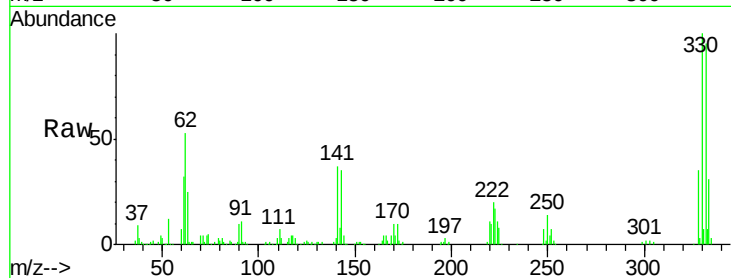




#41
 2,4,6-Tribromophenol
 Concen: 173.27 ng
 RT: 16.31 min Scan# 2292
 Delta R.T. -0.00 min
 Lab File: BG021722.D
 Acq: 18 Apr 2016 3:13

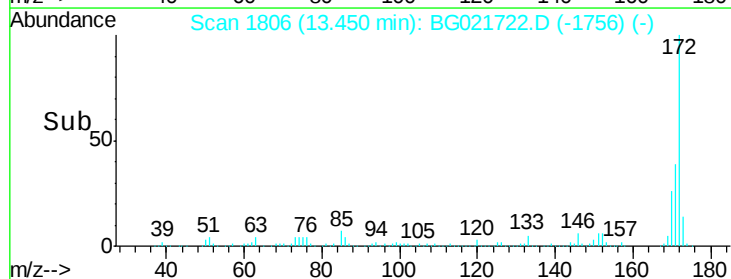
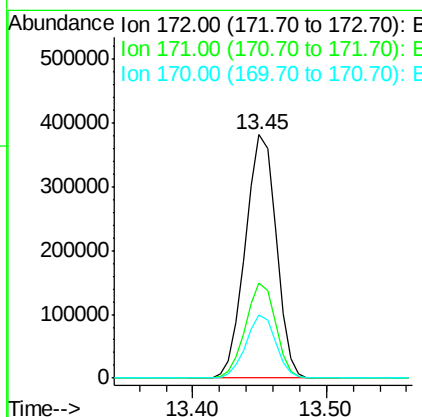
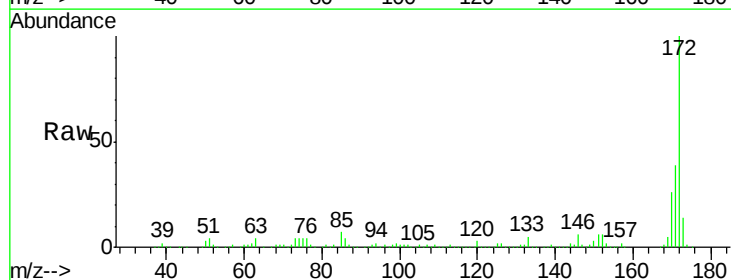
Instrument :
 BNA_G
 ClientSampled :
 WC-041316

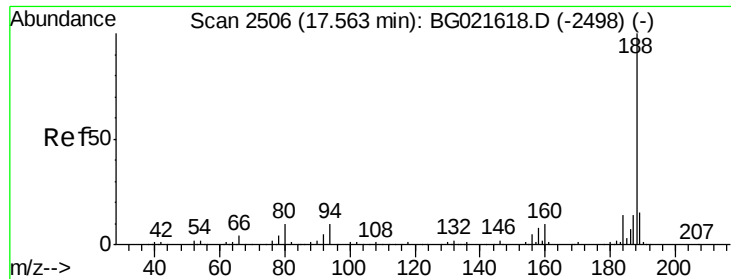
Tgt Ion:330 Resp: 173209
 Ion Ratio Lower Upper
 330 100
 332 97.4 78.0 117.0
 141 38.8 33.8 50.8



#44
 2-Fluorobiphenyl
 Concen: 96.11 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.01 min
 Lab File: BG021722.D
 Acq: 18 Apr 2016 3:13

Tgt Ion:172 Resp: 608432
 Ion Ratio Lower Upper
 172 100
 171 38.8 27.8 41.6
 170 25.7 19.6 29.4

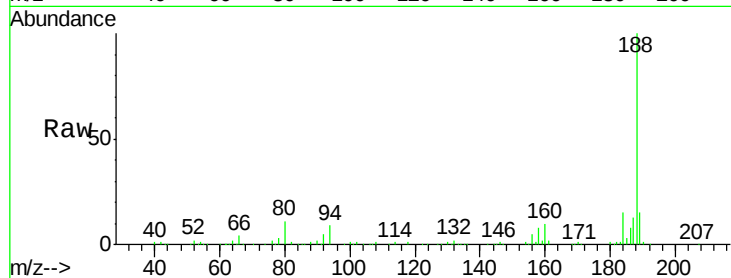




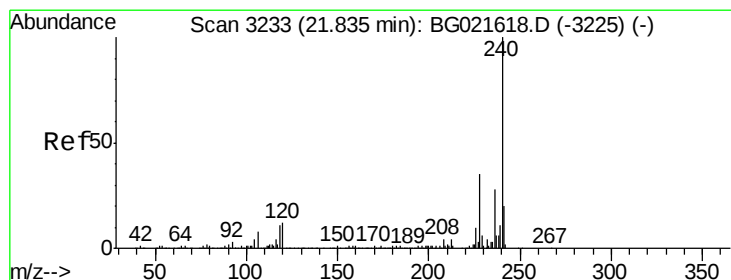
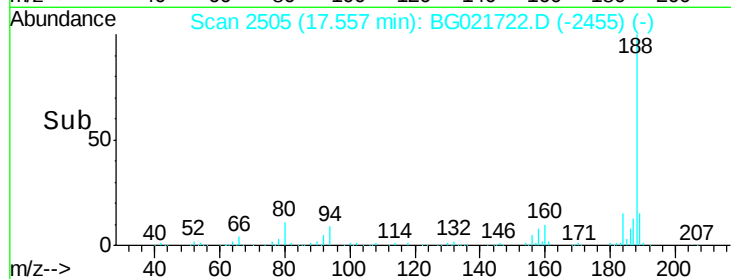
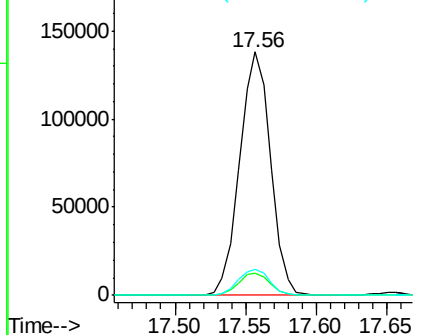
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.01 min
Lab File: BG021722.D
Acq: 18 Apr 2016 3:13

Instrument :
BNA_G
ClientSampleId :
WC-041316

Tgt Ion:188 Resp: 210489
Ion Ratio Lower Upper
188 100
94 9.2 7.5 11.3
80 10.8 8.6 13.0

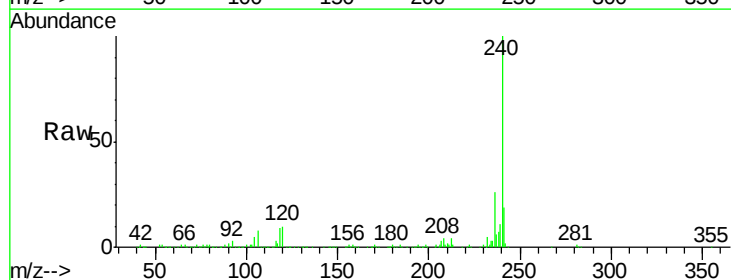


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

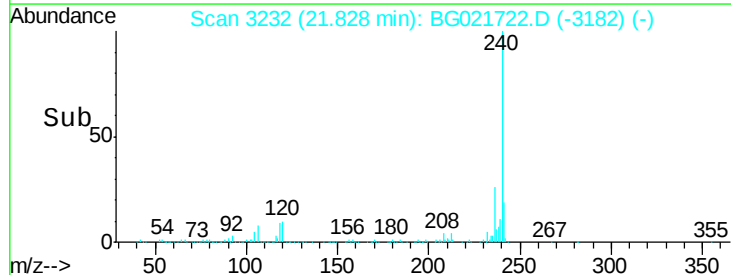
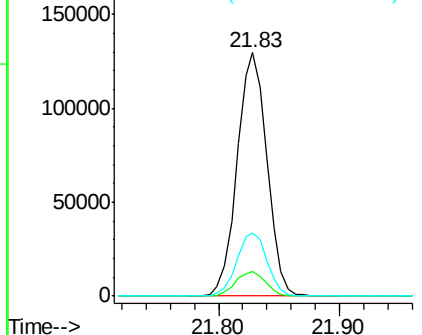


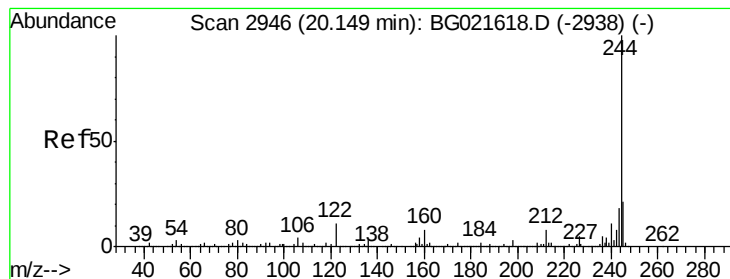
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.83 min Scan# 3232
Delta R.T. -0.01 min
Lab File: BG021722.D
Acq: 18 Apr 2016 3:13

Tgt Ion:240 Resp: 223689
Ion Ratio Lower Upper
240 100
120 10.3 8.4 12.6
236 25.8 19.6 29.4



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: 103.86 ng

RT: 20.14 min Scan# 2945

Delta R.T. -0.01 min

Lab File: BG021722.D

Acq: 18 Apr 2016 3:13

Instrument :

BNA_G

ClientSampleId :

WC-041316

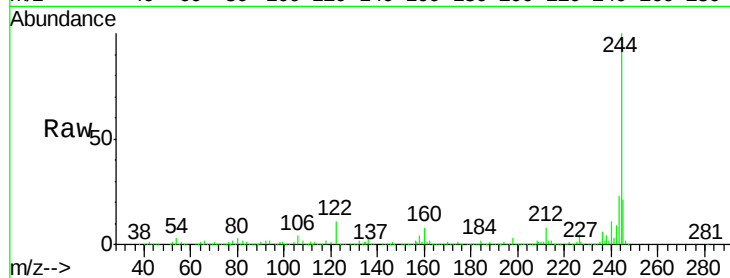
Tgt Ion:244 Resp: 931087

Ion Ratio Lower Upper

244 100

212 8.5 6.5 9.7

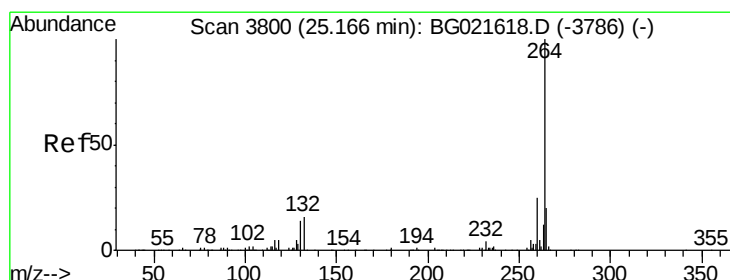
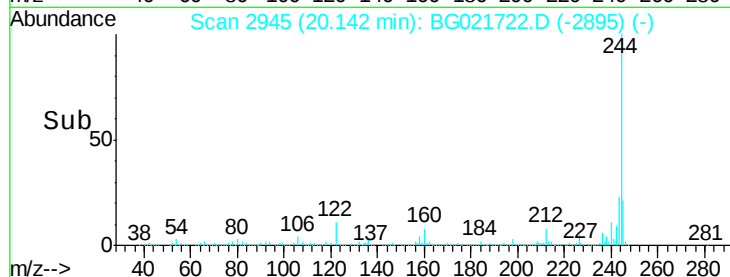
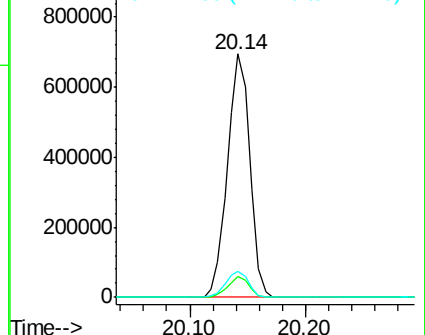
122 10.9 8.6 12.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.16 min Scan# 3799

Delta R.T. -0.01 min

Lab File: BG021722.D

Acq: 18 Apr 2016 3:13

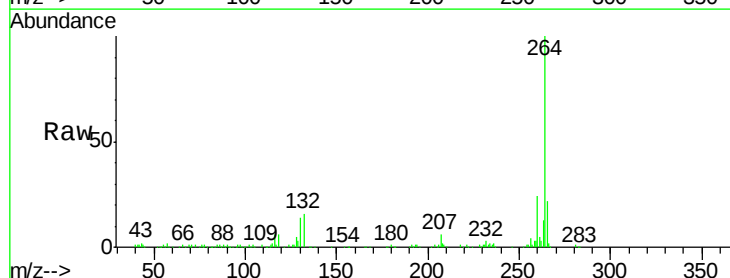
Tgt Ion:264 Resp: 217137

Ion Ratio Lower Upper

264 100

260 24.1 20.2 30.4

265 22.1 17.8 26.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

