

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071316\
 Data File : BG023069.D
 Acq On : 13 Jul 2016 14:30
 Operator : UM/SJ
 Sample : H3946-05
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 M8-B1(6-12)C

Quant Time: Jul 14 00:57:30 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 18:30:58 2016
 Response via : Initial Calibration

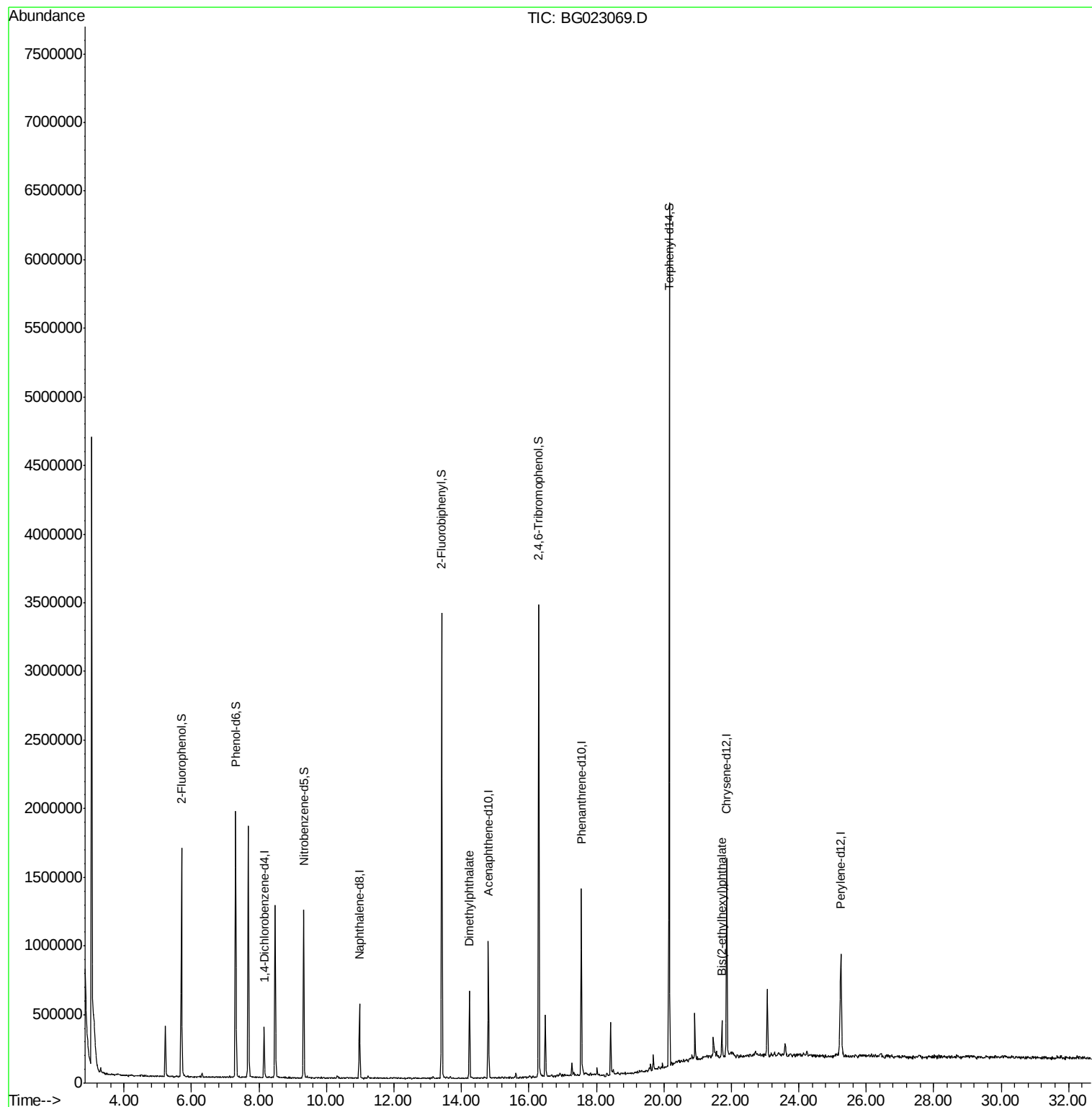
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	95065	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	439099	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	334838	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	846613	20.00	ng	0.00
75) Chrysene-d12	21.86	240	883669	20.00	ng	0.02
86) Perylene-d12	25.25	264	896199	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	710821	122.29	ng	0.00
7) Phenol-d6	7.31	99	1115124	122.49	ng	0.00
23) Nitrobenzene-d5	9.33	82	800960	78.11	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	645431	107.25	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1640889	77.19	ng	0.00
78) Terphenyl-d14	20.16	244	2394021	86.51	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.24	163	411028	15.03	ng	Qvalue 100
83) Bis(2-ethylhexyl)phthalate	21.72	149	112114	4.10	ng	# 92

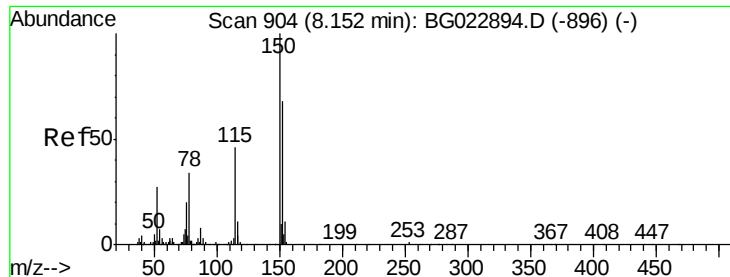
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 904

Delta R.T. -0.00 min

Lab File: BG023069.D

Acq: 13 Jul 2016 14:30

Instrument :

BNA_G

ClientSampleId :

M8-B1(6-12)C

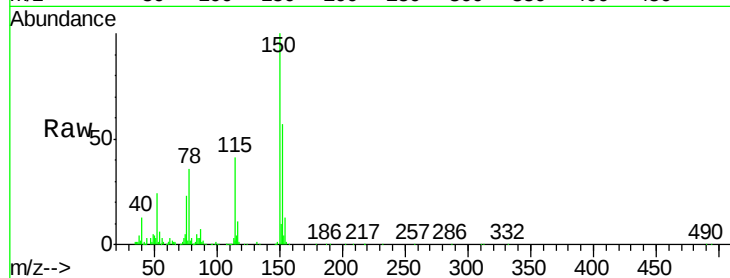
Tgt Ion:152 Resp: 95065

Ion Ratio Lower Upper

152 100

150 175.2 144.7 217.1

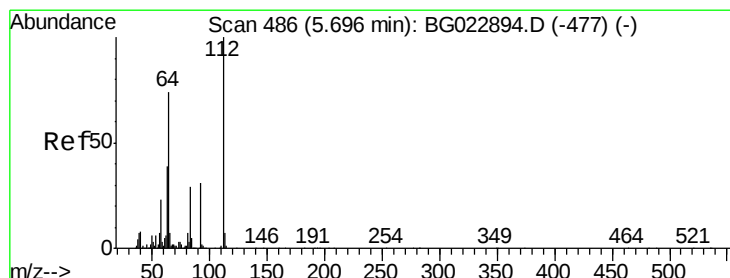
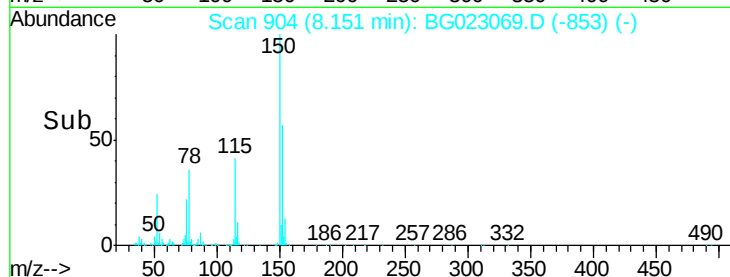
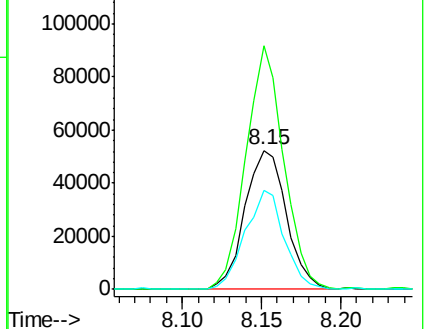
115 71.5 64.0 96.0



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



#5

2-Fluorophenol

Concen: 122.29 ng

RT: 5.70 min Scan# 487

Delta R.T. 0.01 min

Lab File: BG023069.D

Acq: 13 Jul 2016 14:30

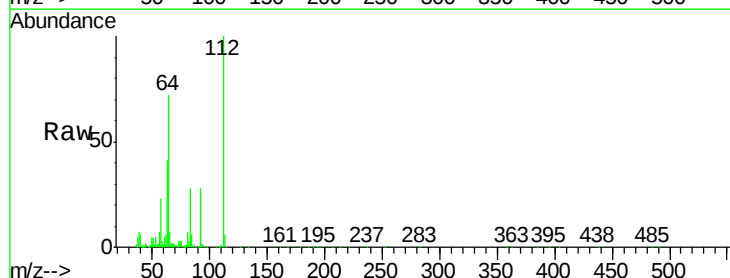
Tgt Ion:112 Resp: 710821

Ion Ratio Lower Upper

112 100

64 71.7 59.0 88.4

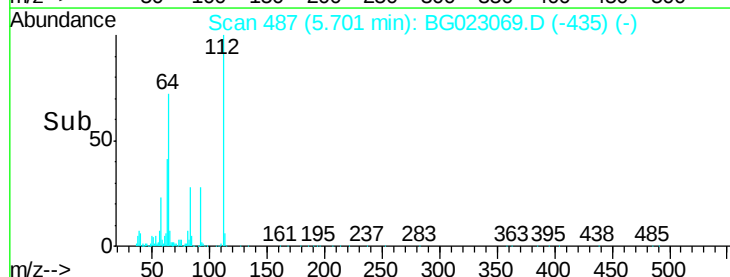
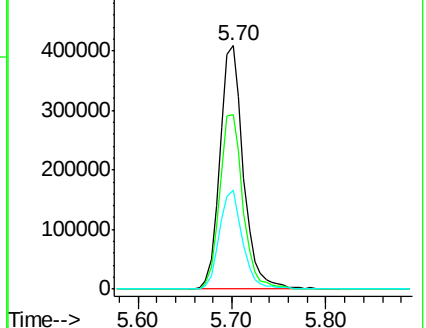
63 40.5 37.8 56.8

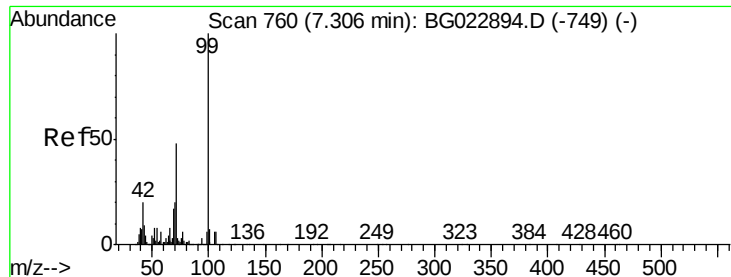


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 122.49 ng

RT: 7.31 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG023069.D

Acq: 13 Jul 2016 14:30

Instrument :

BNA_G

ClientSampleId :

M8-B1(6-12)C

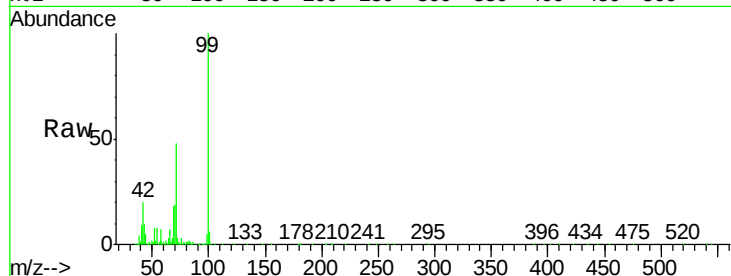
Tgt Ion: 99 Resp: 1115124

Ion Ratio Lower Upper

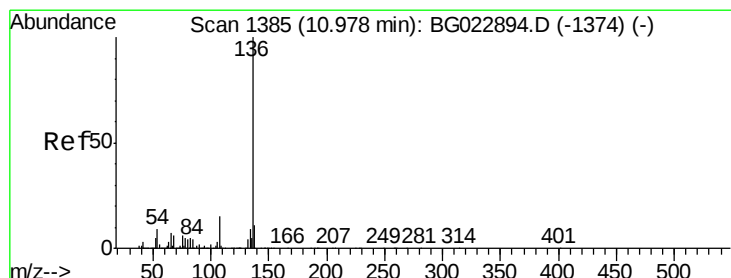
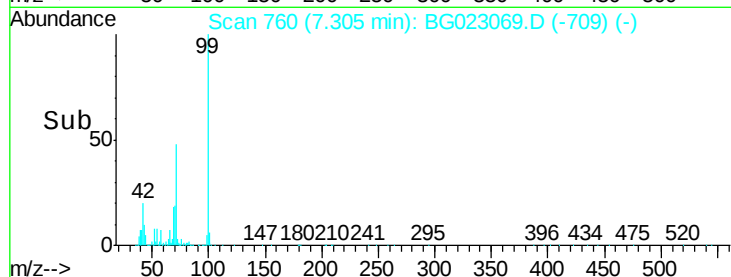
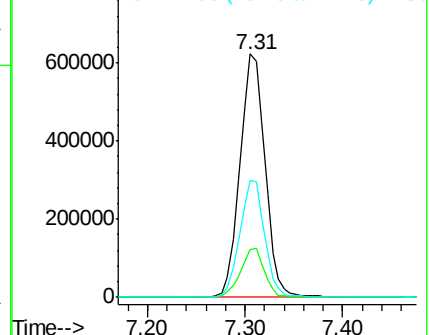
99 100

42 19.8 17.8 26.6

71 47.9 41.5 62.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.98 min Scan# 1386

Delta R.T. 0.01 min

Lab File: BG023069.D

Acq: 13 Jul 2016 14:30

Tgt Ion: 136 Resp: 439099

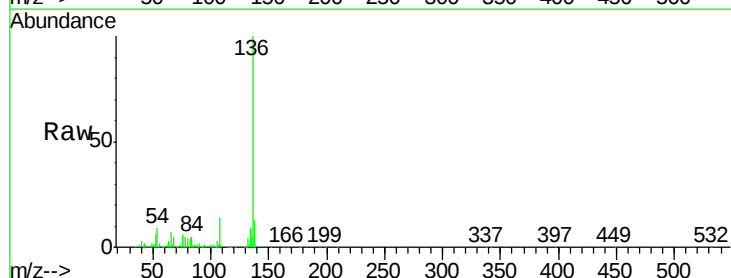
Ion Ratio Lower Upper

136 100

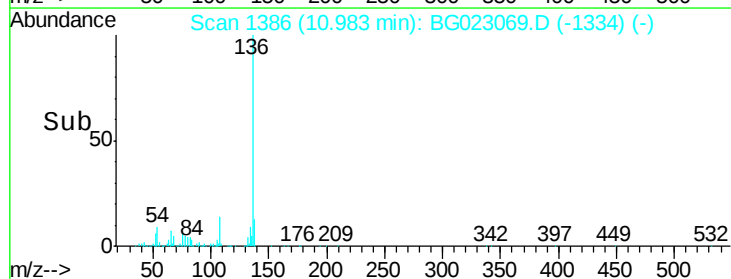
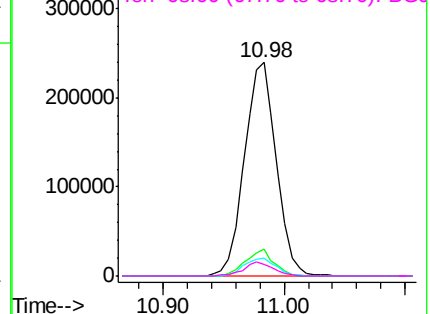
137 12.8 9.6 14.4

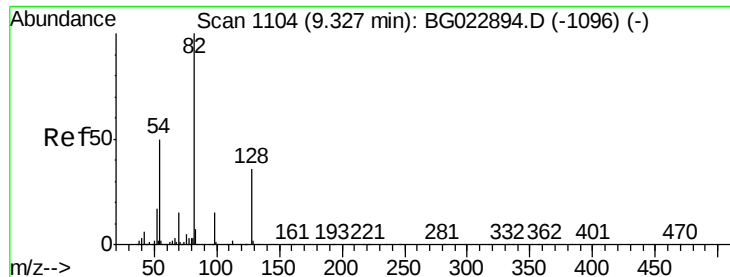
54 8.6 7.3 10.9

68 5.3 5.3 7.9



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

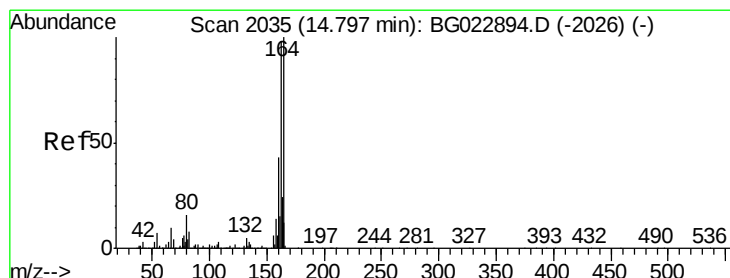
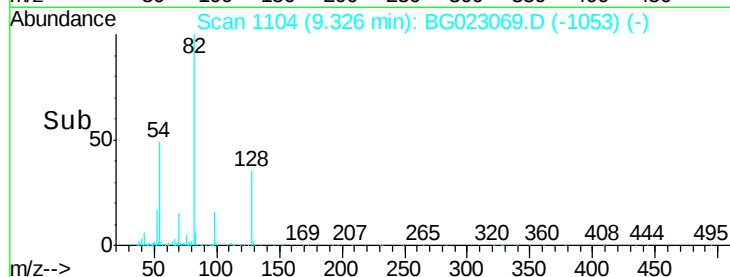
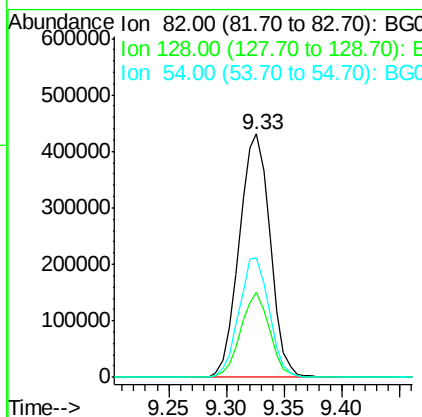
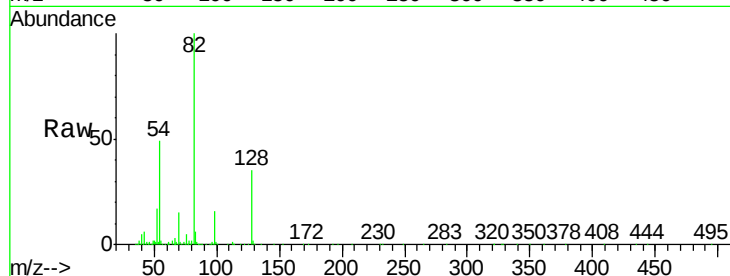




#23
 Nitrobenzene-d5
 Concen: 78.11 ng
 RT: 9.33 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BG023069.D
 Acq: 13 Jul 2016 14:30

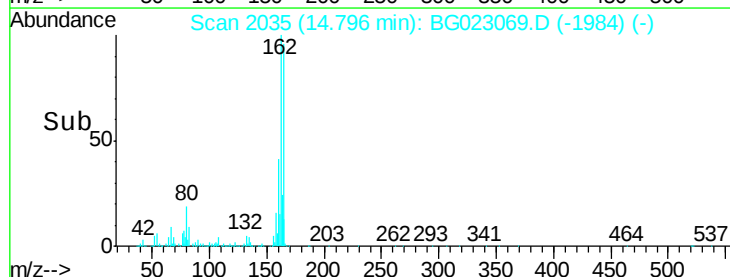
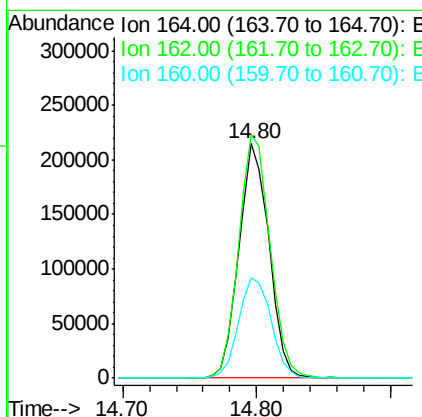
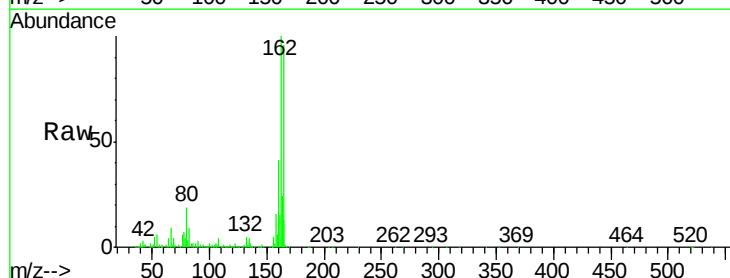
Instrument :
 BNA_G
 ClientSampleId :
 M8-B1(6-12)C

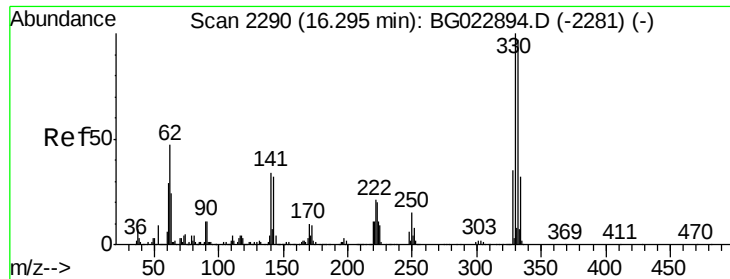
Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.7	24.4	36.6
54	49.0	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BG023069.D
 Acq: 13 Jul 2016 14:30

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	87.7	131.5
160	42.8	37.2	55.8





#41

2,4,6-Tribromophenol

Concen: 107.25 ng

RT: 16.29 min Scan# 2290

Delta R.T. -0.00 min

Lab File: BG023069.D

Acq: 13 Jul 2016 14:30

Instrument :

BNA_G

ClientSampleId :

M8-B1(6-12)C

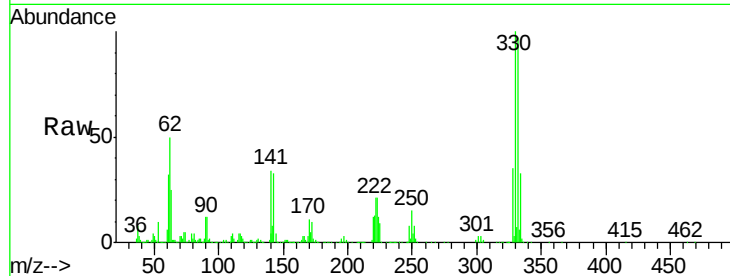
Tgt Ion:330 Resp: 645431

Ion Ratio Lower Upper

330 100

332 96.9 77.4 116.2

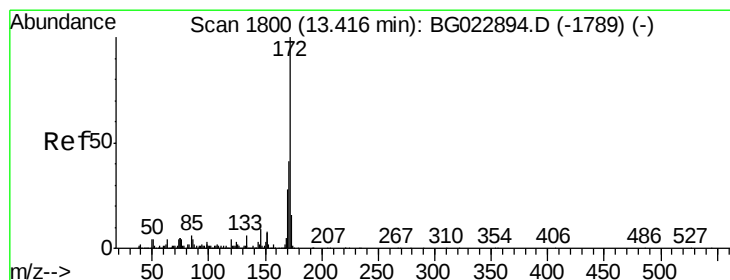
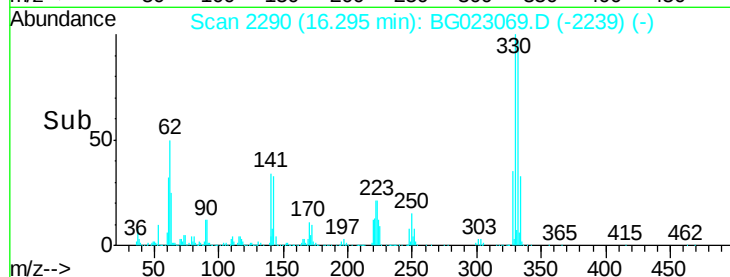
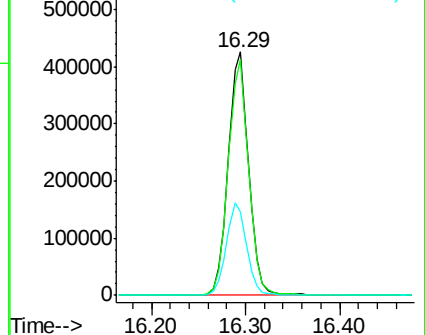
141 37.6 31.7 47.5



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 77.19 ng

RT: 13.42 min Scan# 1800

Delta R.T. -0.00 min

Lab File: BG023069.D

Acq: 13 Jul 2016 14:30

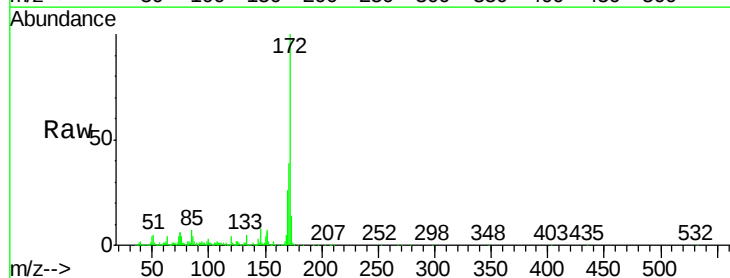
Tgt Ion:172 Resp: 1640889

Ion Ratio Lower Upper

172 100

171 39.3 31.6 47.4

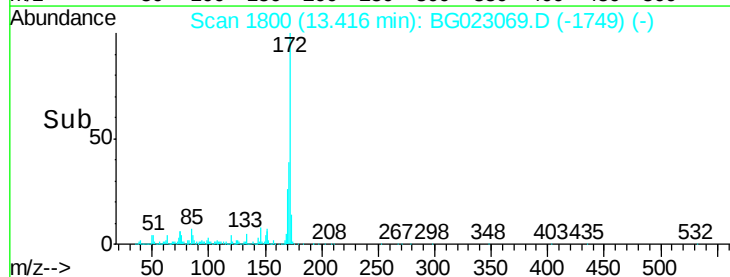
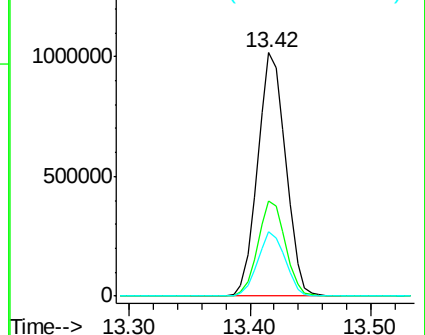
170 26.4 21.3 31.9

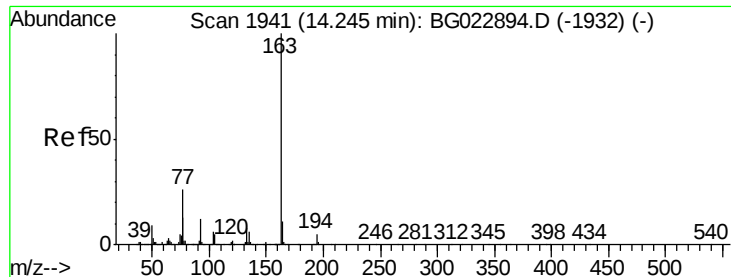


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 15.03 ng

RT: 14.24 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BG023069.D

Acq: 13 Jul 2016 14:30

Instrument :

BNA_G

ClientSampleId :

M8-B1(6-12)C

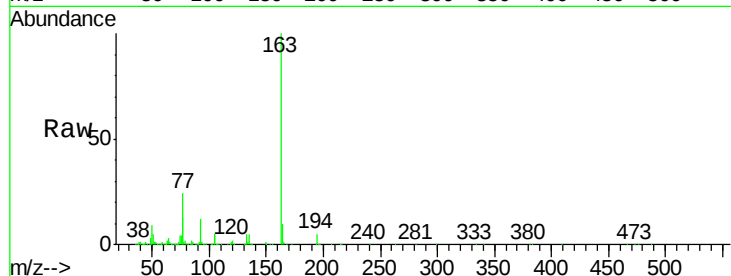
Tgt Ion:163 Resp: 411028

Ion Ratio Lower Upper

163 100

194 4.6 3.6 5.4

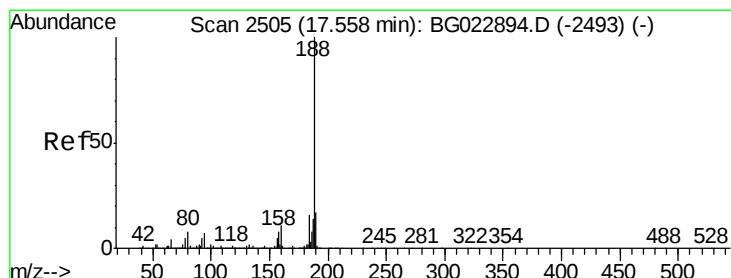
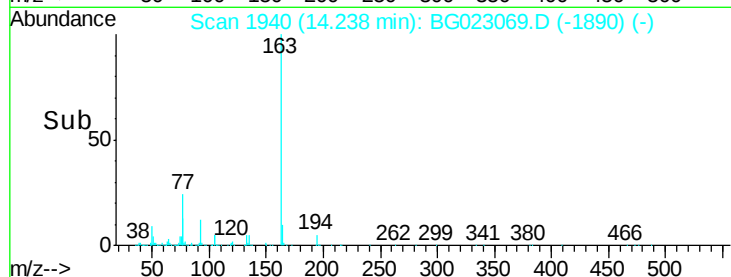
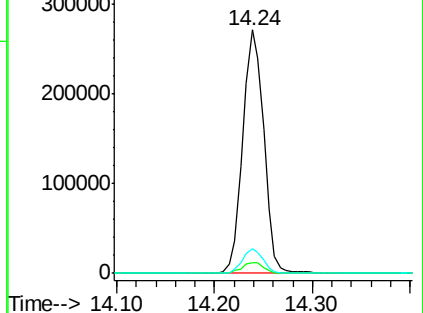
164 10.3 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BG023069.D

Acq: 13 Jul 2016 14:30

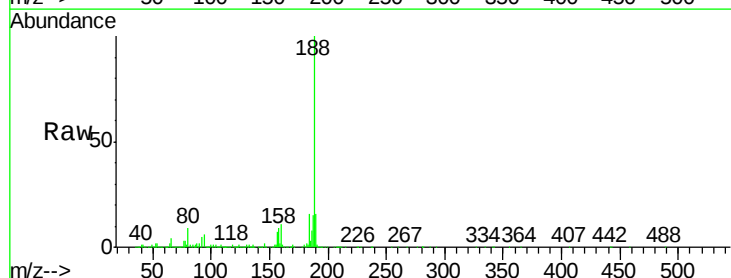
Tgt Ion:188 Resp: 846613

Ion Ratio Lower Upper

188 100

94 6.2 5.2 7.8

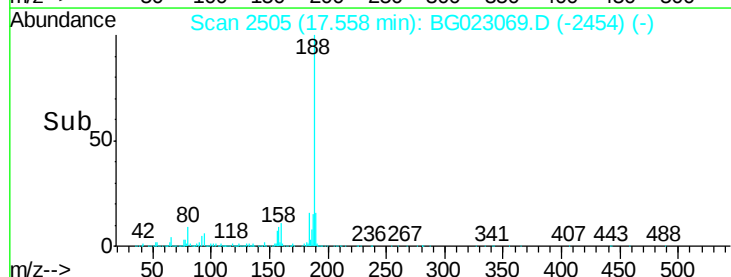
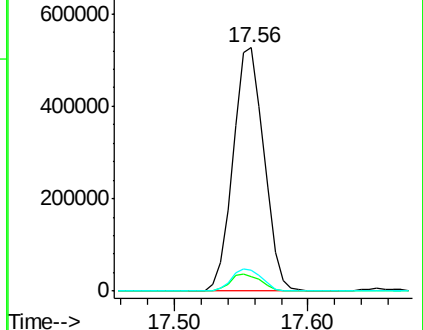
80 8.7 7.2 10.8

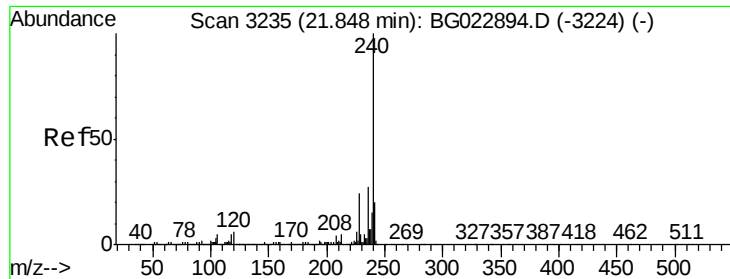


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

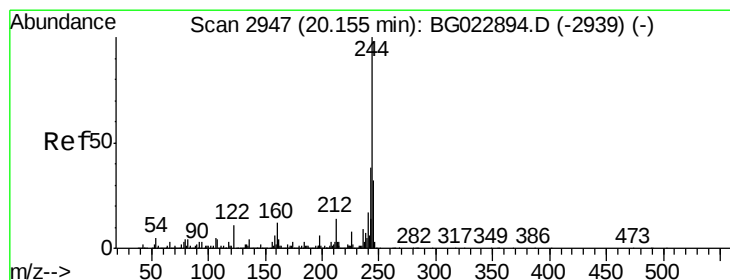
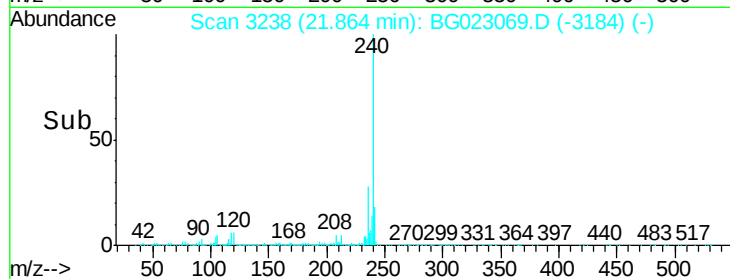
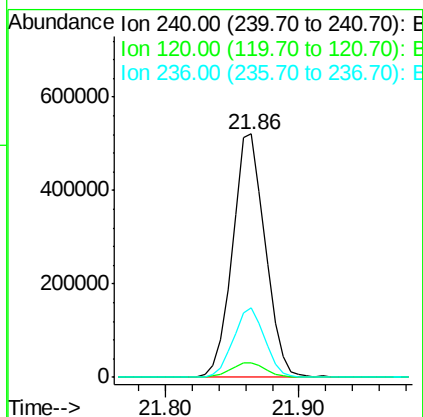
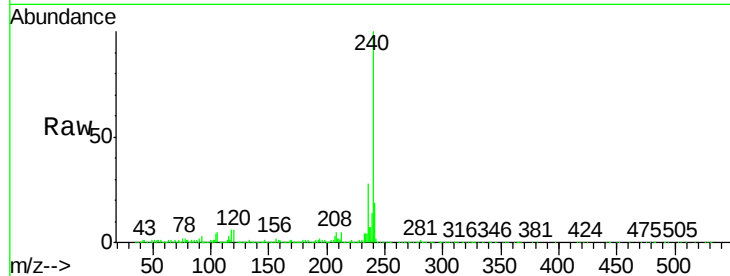




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.86 min Scan# 3238
 Delta R.T. 0.02 min
 Lab File: BG023069.D
 Acq: 13 Jul 2016 14:30

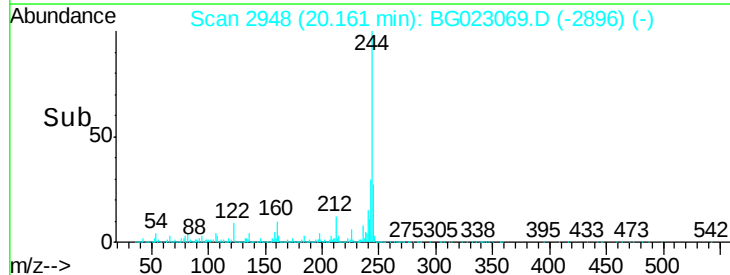
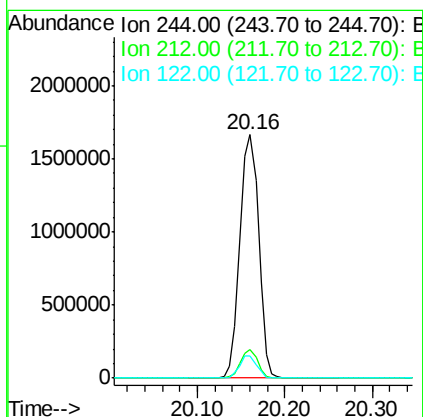
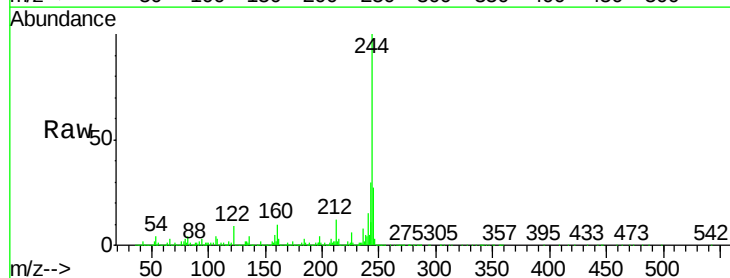
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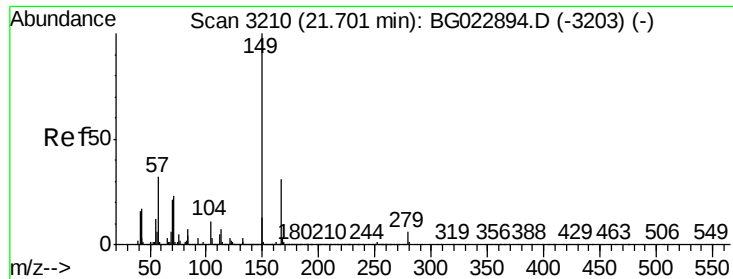
Tgt Ion:240 Resp: 883669
 Ion Ratio Lower Upper
 240 100
 120 6.2 4.1 6.1#
 236 28.4 21.1 31.7



#78
 Terphenyl-d14
 Concen: 86.51 ng
 RT: 20.16 min Scan# 2948
 Delta R.T. 0.01 min
 Lab File: BG023069.D
 Acq: 13 Jul 2016 14:30

Tgt Ion:244 Resp: 2394021
 Ion Ratio Lower Upper
 244 100
 212 11.8 10.8 16.2
 122 9.3 8.0 12.0

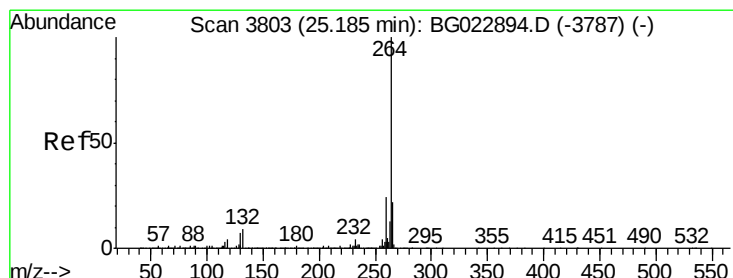
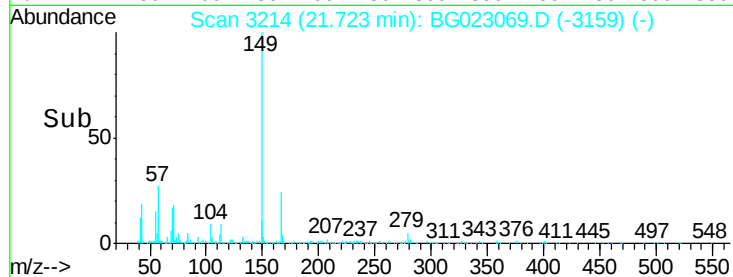
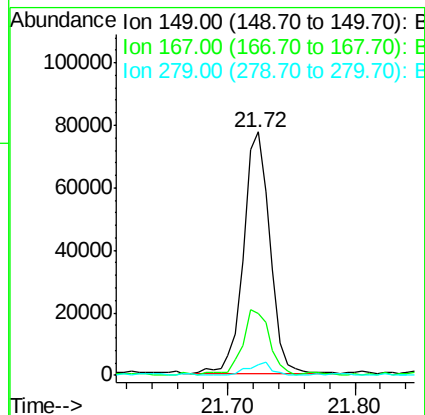
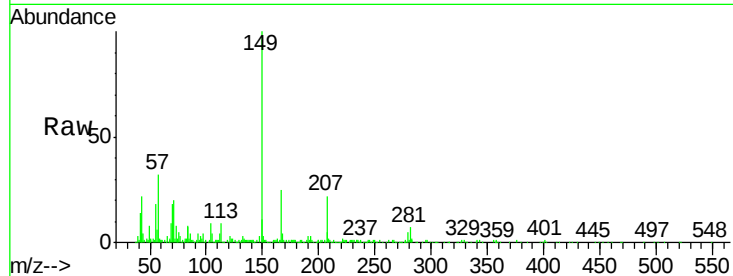




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.10 ng
 RT: 21.72 min Scan# 3214
 Delta R.T. 0.02 min
 Lab File: BG023069.D
 Acq: 13 Jul 2016 14:30

Instrument :
 BNA_G
 ClientSampleId :
 M8-B1(6-12)C

Tgt Ion:149 Resp: 112114
 Ion Ratio Lower Upper
 149 100
 167 25.3 24.0 36.0
 279 4.5 4.8 7.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.25 min Scan# 3814
 Delta R.T. 0.06 min
 Lab File: BG023069.D
 Acq: 13 Jul 2016 14:30

Tgt Ion:264 Resp: 896199
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.4 27.6
 265 21.9 18.9 28.3

