

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072916\
 Data File : BG023326.D
 Acq On : 29 Jul 2016 5:05
 Operator : UM/SJ
 Sample : H4206-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOCATION-45A

Quant Time: Jul 29 07:30:14 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:30:33 2016
 Response via : Initial Calibration

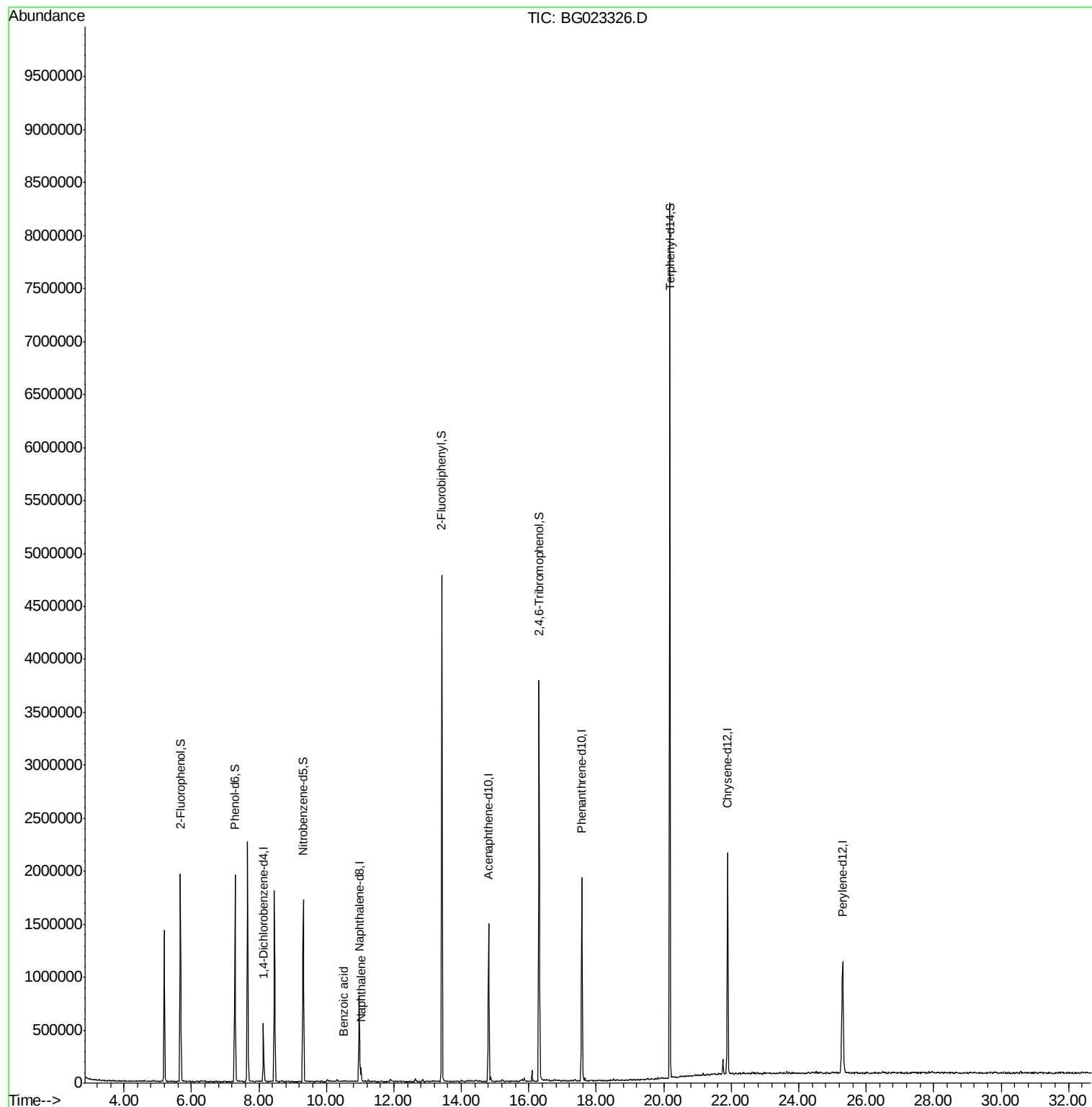
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	154388	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	702338	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	509457	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1156371	20.00	ng	0.00
75) Chrysene-d12	21.89	240	1196269	20.00	ng	0.00
86) Perylene-d12	25.30	264	1211599	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	858598	94.94	ng	0.00
7) Phenol-d6	7.29	99	1246048	89.74	ng	0.00
23) Nitrobenzene-d5	9.31	82	1098662	76.50	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	682195	129.38	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2367947	86.99	ng	0.00
78) Terphenyl-d14	20.18	244	3047184	82.80	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	11.02	128	111027	3.40	ng	96
32) Benzoic acid	10.52	122	100	8.12	ng	92

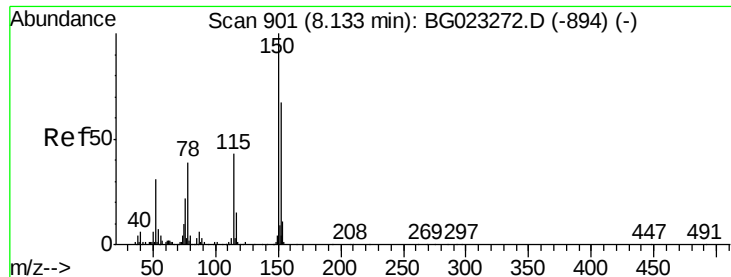
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.13 min Scan# 901

Delta R.T. -0.01 min

Lab File: BG023326.D

Acq: 29 Jul 2016 5:05

Instrument :

BNA_G

ClientSampleId :

LOCATION-45A

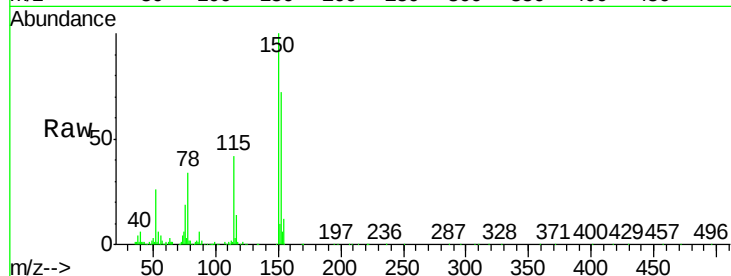
Tgt Ion:152 Resp: 154388

Ion Ratio Lower Upper

152 100

150 138.2 144.7 217.1#

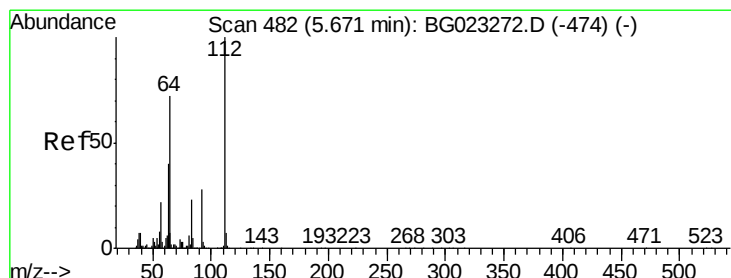
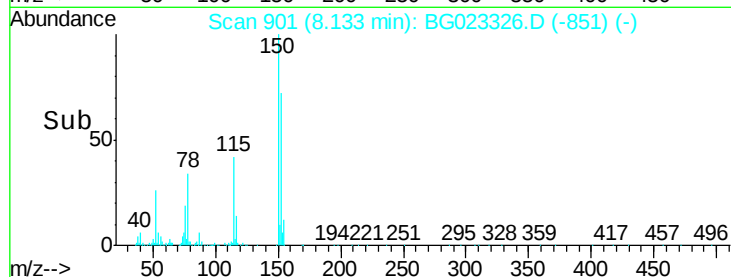
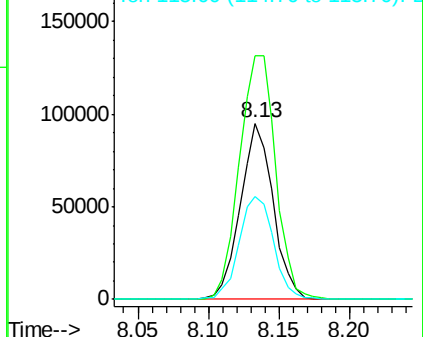
115 58.1 64.0 96.0#



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: 94.94 ng

RT: 5.67 min Scan# 482

Delta R.T. -0.00 min

Lab File: BG023326.D

Acq: 29 Jul 2016 5:05

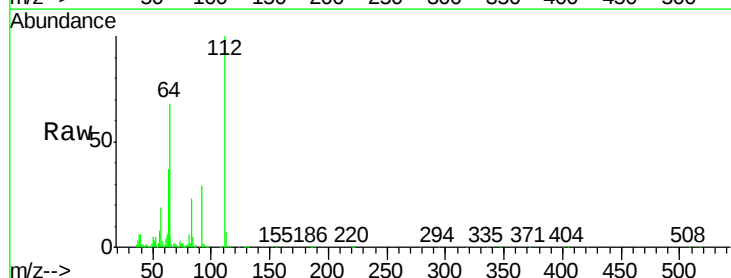
Tgt Ion:112 Resp: 858598

Ion Ratio Lower Upper

112 100

64 68.5 59.0 88.4

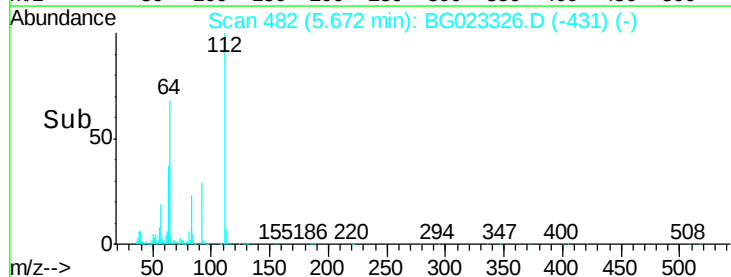
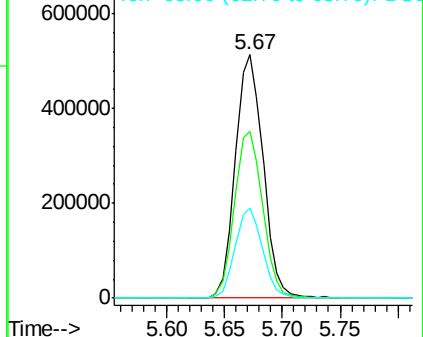
63 37.0 37.8 56.8#

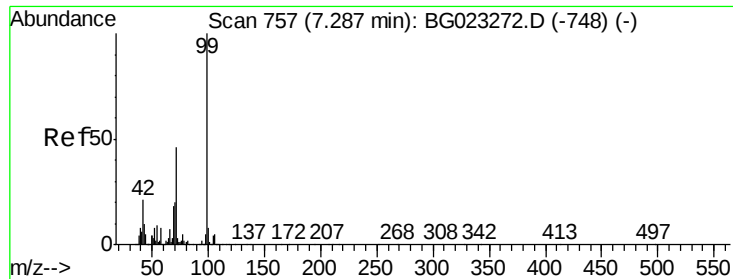


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 89.74 ng

RT: 7.29 min Scan# 757

Delta R.T. -0.00 min

Lab File: BG023326.D

Acq: 29 Jul 2016 5:05

Instrument :

BNA_G

ClientSampleId :

LOCATION-45A

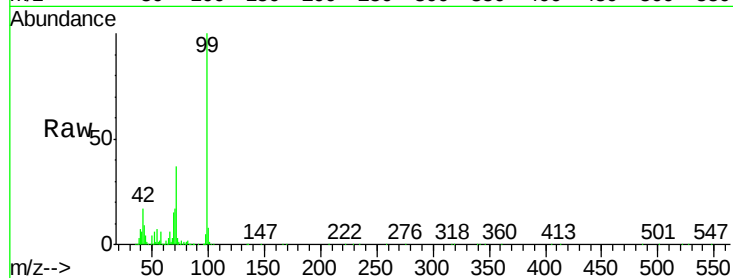
Tgt Ion: 99 Resp: 1246048

Ion Ratio Lower Upper

99 100

42 16.9 17.8 26.6#

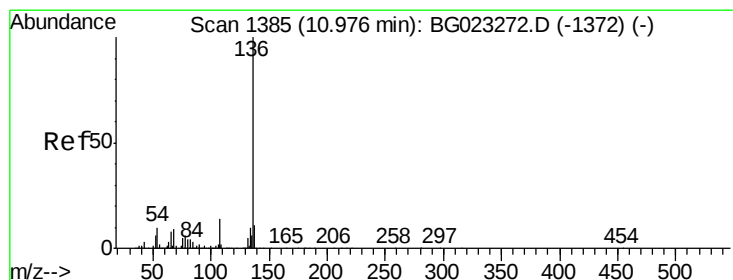
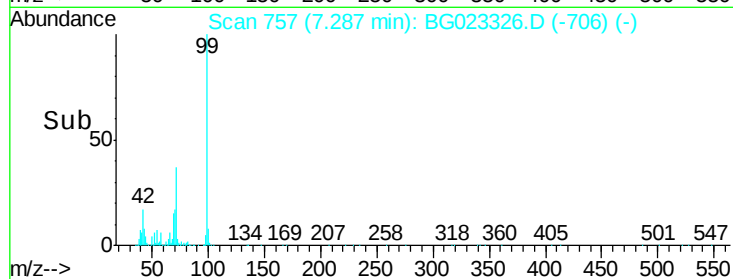
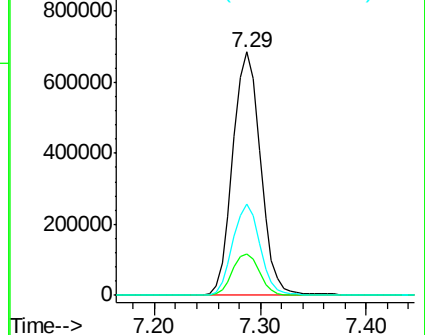
71 37.2 41.5 62.3#



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: 10.97 min Scan# 1384

Delta R.T. -0.01 min

Lab File: BG023326.D

Acq: 29 Jul 2016 5:05

Tgt Ion: 136 Resp: 702338

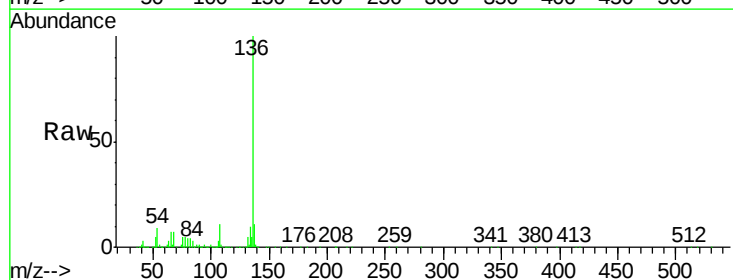
Ion Ratio Lower Upper

136 100

137 11.4 9.6 14.4

54 9.4 7.3 10.9

68 7.1 5.3 7.9

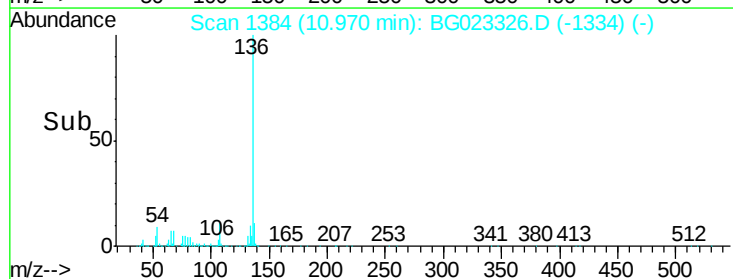
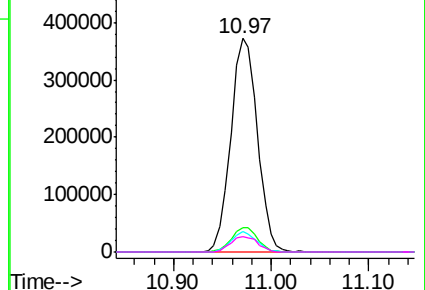


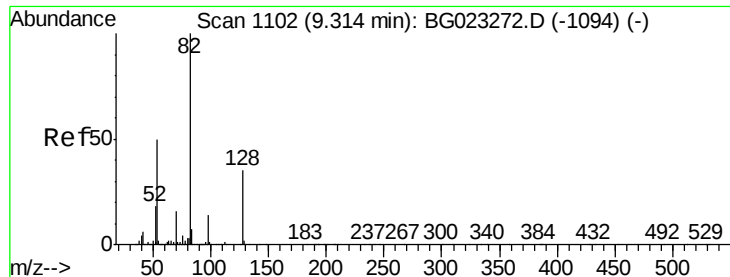
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

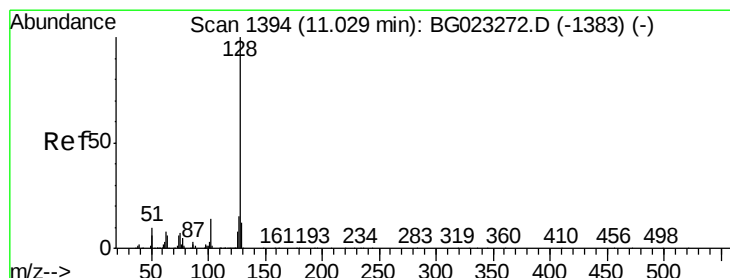
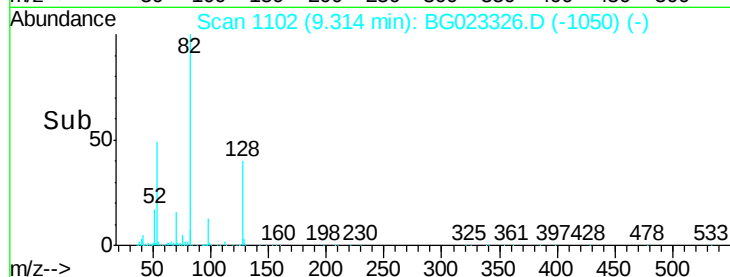
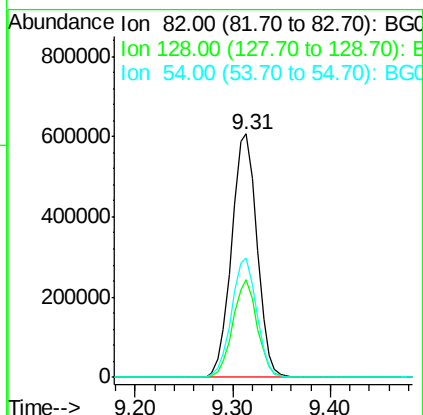
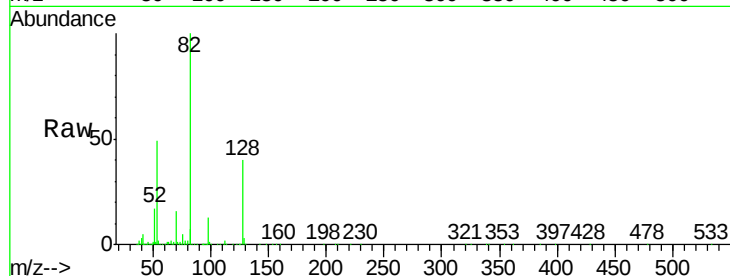




#23
Nitrobenzene-d5
Concen: 76.50 ng
RT: 9.31 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BG023326.D
Acq: 29 Jul 2016 5:05

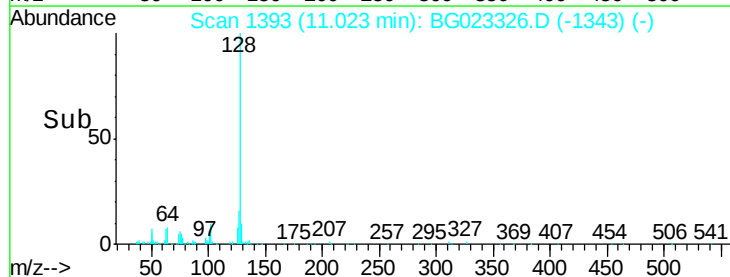
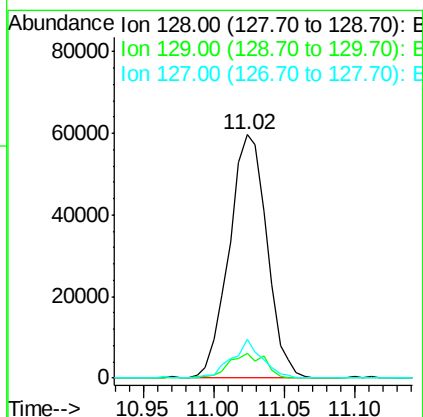
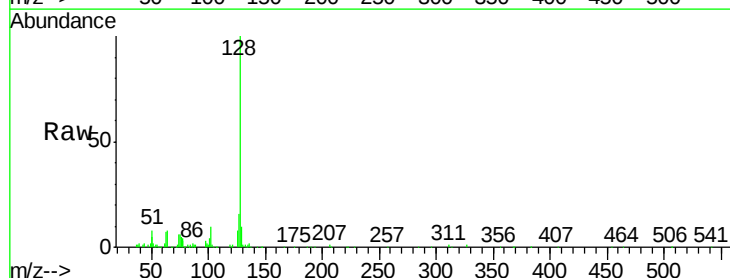
Instrument :
BNA_G
ClientSampleId :
LOCATION-45A

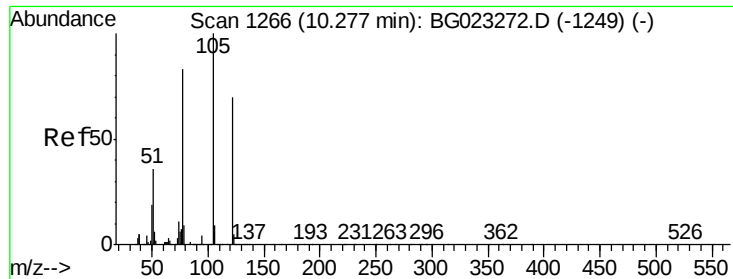
Tgt Ion: 82 Resp: 1098662
Ion Ratio Lower Upper
82 100
128 40.0 24.4 36.6#
54 49.3 41.4 62.0



#31
Naphthalene
Concen: 3.40 ng
RT: 11.02 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BG023326.D
Acq: 29 Jul 2016 5:05

Tgt Ion: 128 Resp: 111027
Ion Ratio Lower Upper
128 100
129 10.2 9.4 14.0
127 15.7 11.3 16.9





#32

Benzoic acid

Concen: 8.12 ng

RT: 10.52 min Scan# 1308

Delta R.T. 0.25 min

Lab File: BG023326.D

Acq: 29 Jul 2016 5:05

Instrument :

BNA_G

ClientSampleId :

LOCATION-45A

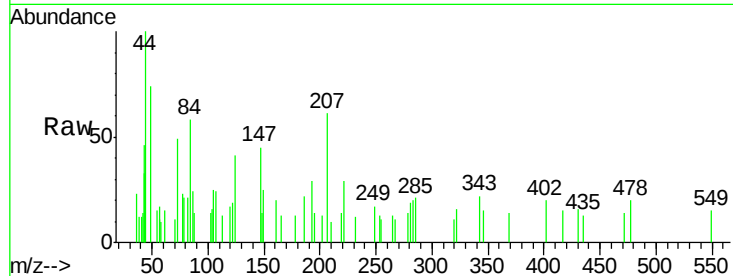
Tgt Ion:122 Resp: 100

Ion Ratio Lower Upper

122 100

105 127.0 117.2 157.2

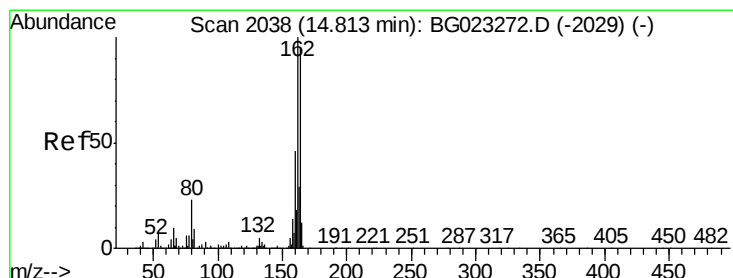
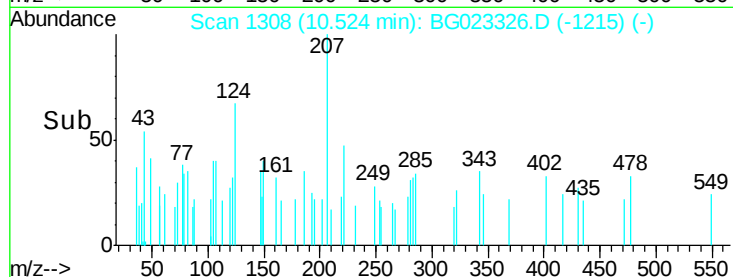
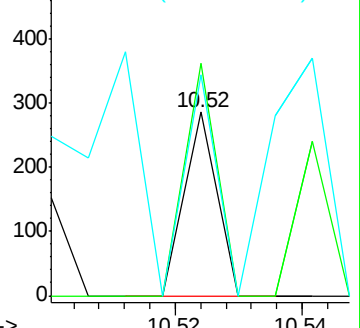
77 120.4 109.2 149.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.81 min Scan# 2037

Delta R.T. -0.00 min

Lab File: BG023326.D

Acq: 29 Jul 2016 5:05

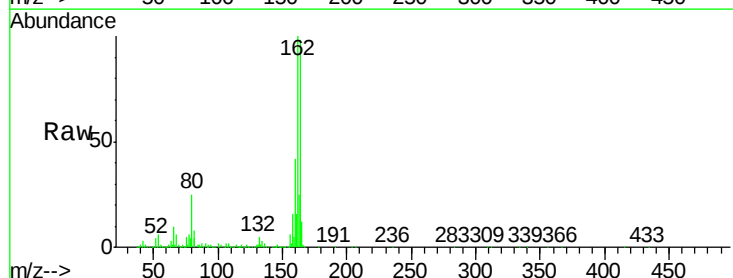
Tgt Ion:164 Resp: 509457

Ion Ratio Lower Upper

164 100

162 102.0 87.7 131.5

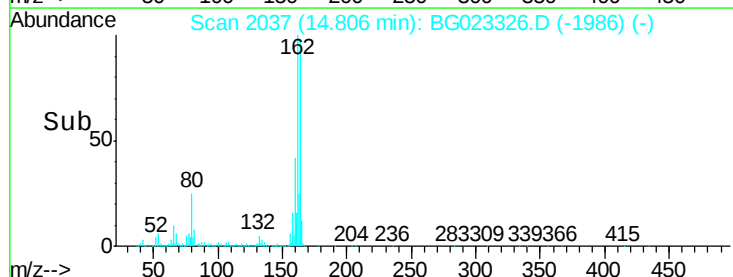
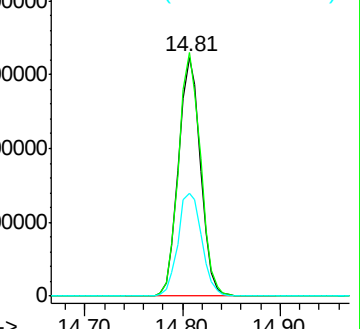
160 43.0 37.2 55.8

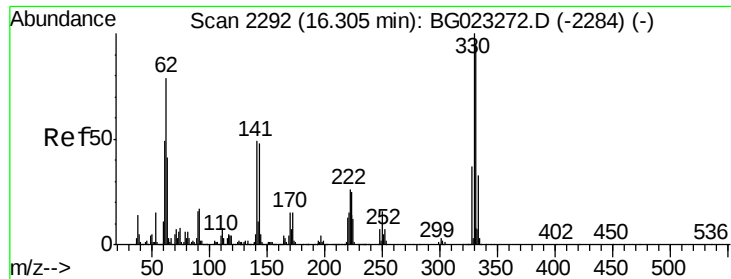


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 129.38 ng

RT: 16.30 min Scan# 2292

Delta R.T. -0.00 min

Lab File: BG023326.D

Acq: 29 Jul 2016 5:05

Instrument :

BNA_G

ClientSampleId :

LOCATION-45A

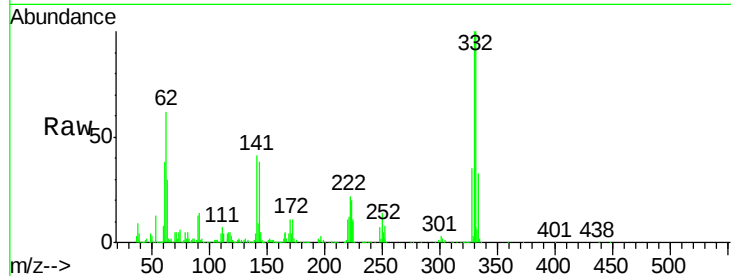
Tgt Ion:330 Resp: 682195

Ion Ratio Lower Upper

330 100

332 99.4 77.4 116.2

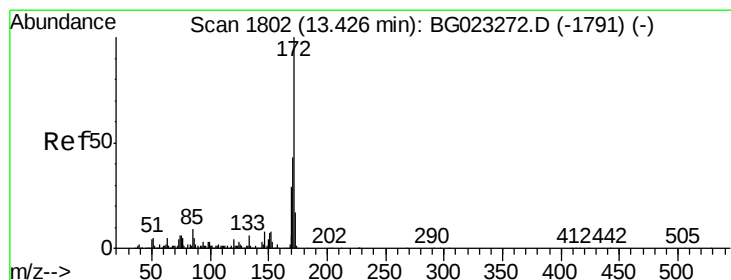
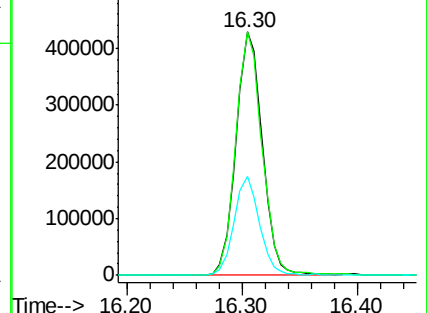
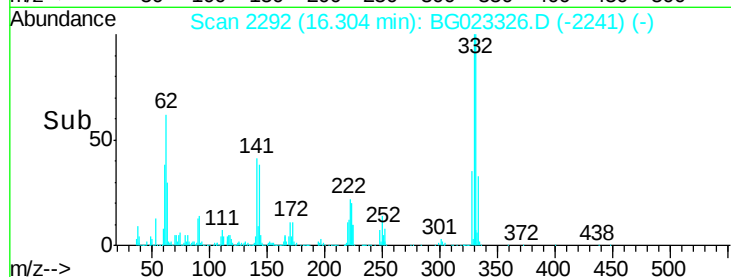
141 38.9 31.7 47.5



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: 86.99 ng

RT: 13.42 min Scan# 1801

Delta R.T. -0.00 min

Lab File: BG023326.D

Acq: 29 Jul 2016 5:05

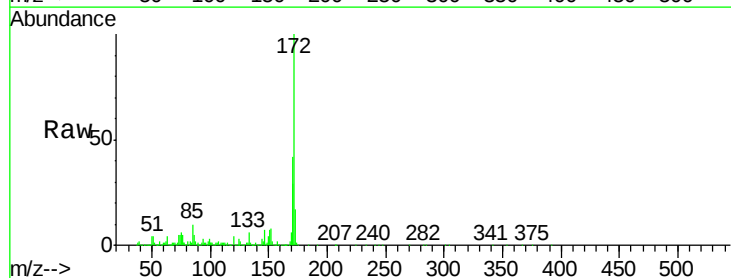
Tgt Ion:172 Resp: 2367947

Ion Ratio Lower Upper

172 100

171 42.5 31.6 47.4

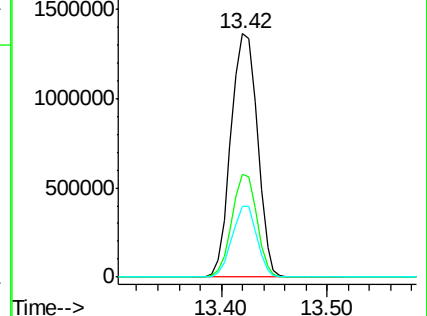
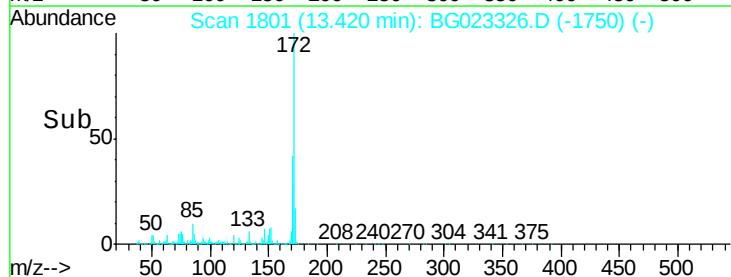
170 28.9 21.3 31.9

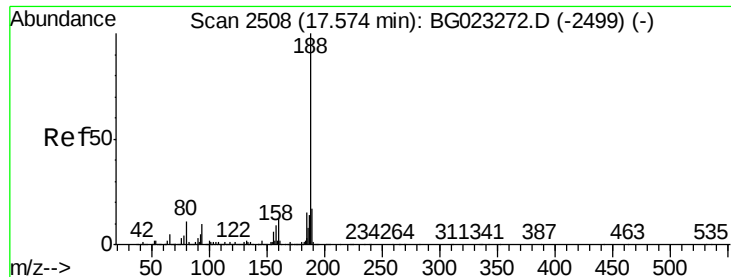


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.57 min Scan# 2508

Delta R.T. 0.00 min

Lab File: BG023326.D

Acq: 29 Jul 2016 5:05

Instrument :

BNA_G

ClientSampleId :

LOCATION-45A

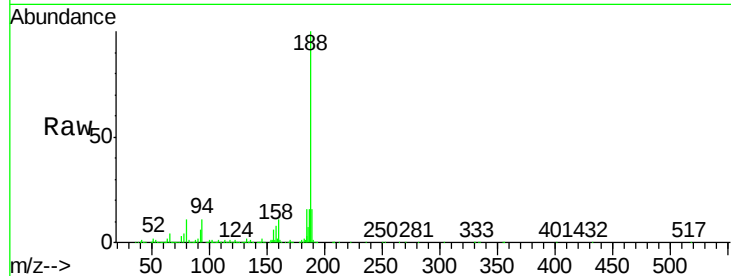
Tgt Ion:188 Resp: 1156371

Ion Ratio Lower Upper

188 100

94 10.9 5.2 7.8#

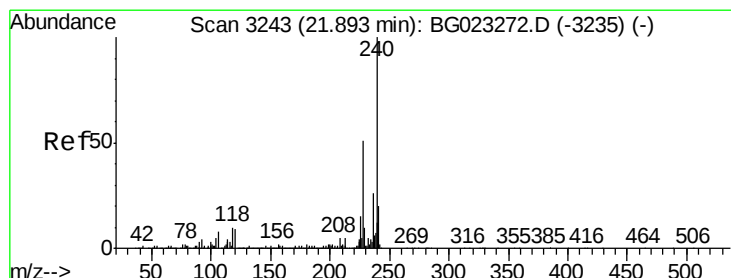
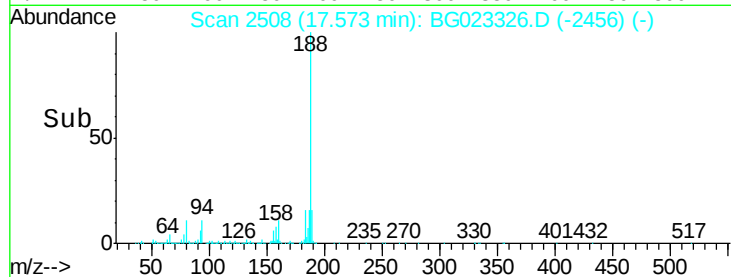
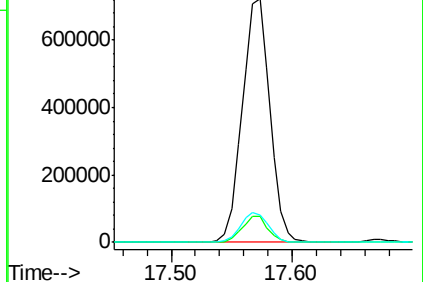
80 11.2 7.2 10.8#



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: 21.89 min Scan# 3243

Delta R.T. 0.00 min

Lab File: BG023326.D

Acq: 29 Jul 2016 5:05

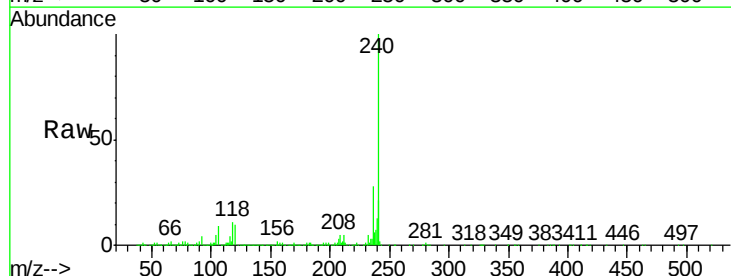
Tgt Ion:240 Resp: 1196269

Ion Ratio Lower Upper

240 100

120 10.1 4.1 6.1#

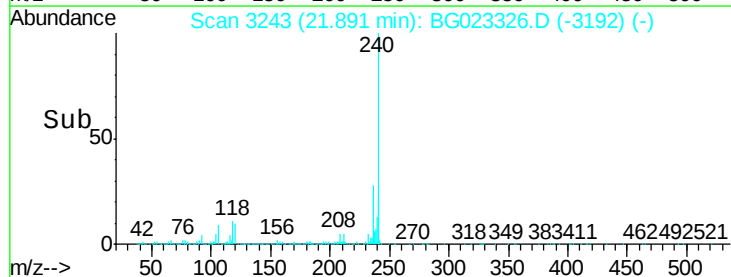
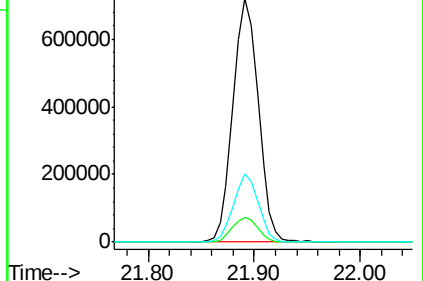
236 28.0 21.1 31.7

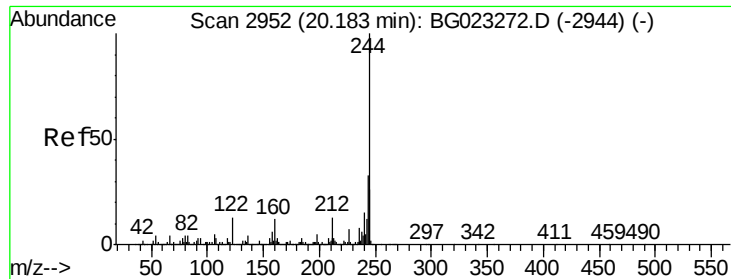


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 82.80 ng

RT: 20.18 min Scan# 2952

Delta R.T. 0.00 min

Lab File: BG023326.D

Acq: 29 Jul 2016 5:05

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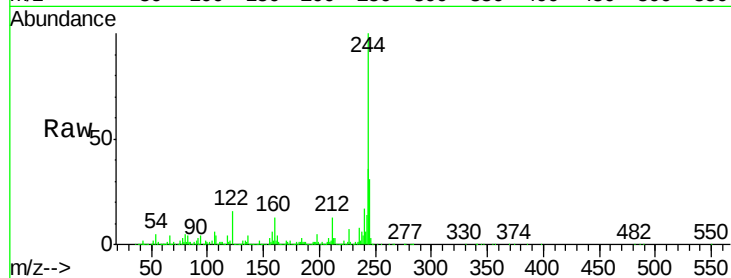
Tgt Ion:244 Resp: 3047184

Ion Ratio Lower Upper

244 100

212 13.4 10.8 16.2

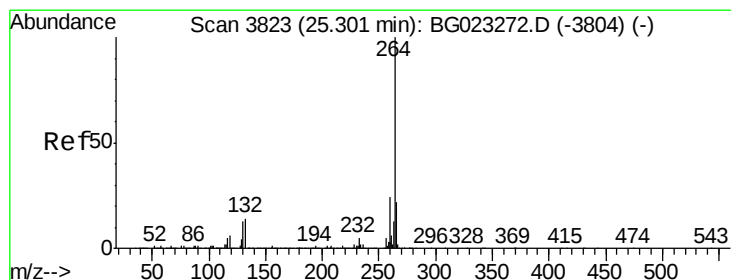
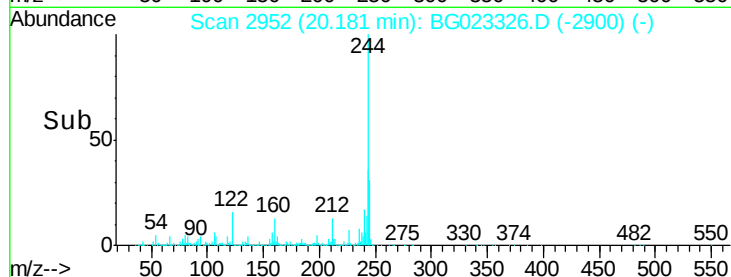
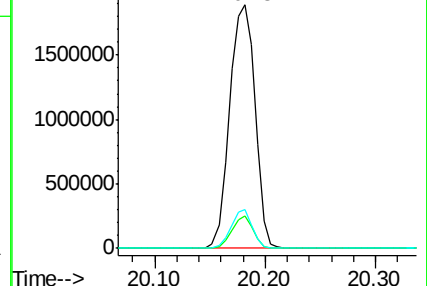
122 15.7 8.0 12.0#



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: 25.30 min Scan# 3823

Delta R.T. -0.00 min

Lab File: BG023326.D

Acq: 29 Jul 2016 5:05

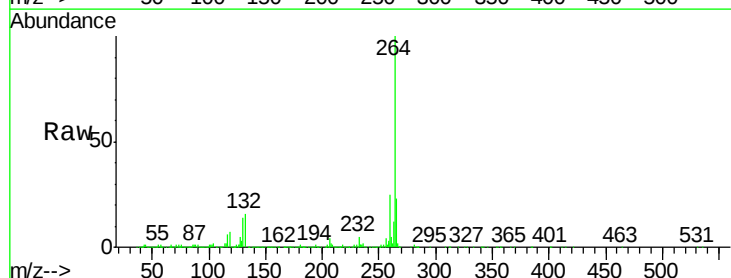
Tgt Ion:264 Resp: 1211599

Ion Ratio Lower Upper

264 100

260 25.2 18.4 27.6

265 23.3 18.9 28.3



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

