

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060315\
 Data File : BG017426.D
 Acq On : 4 Jun 2015 3:58
 Operator : TP/IZ
 Sample : G2426-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DB-2(5-15)

Quant Time: Jun 04 05:18:07 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 04 01:31:15 2015
 Response via : Initial Calibration

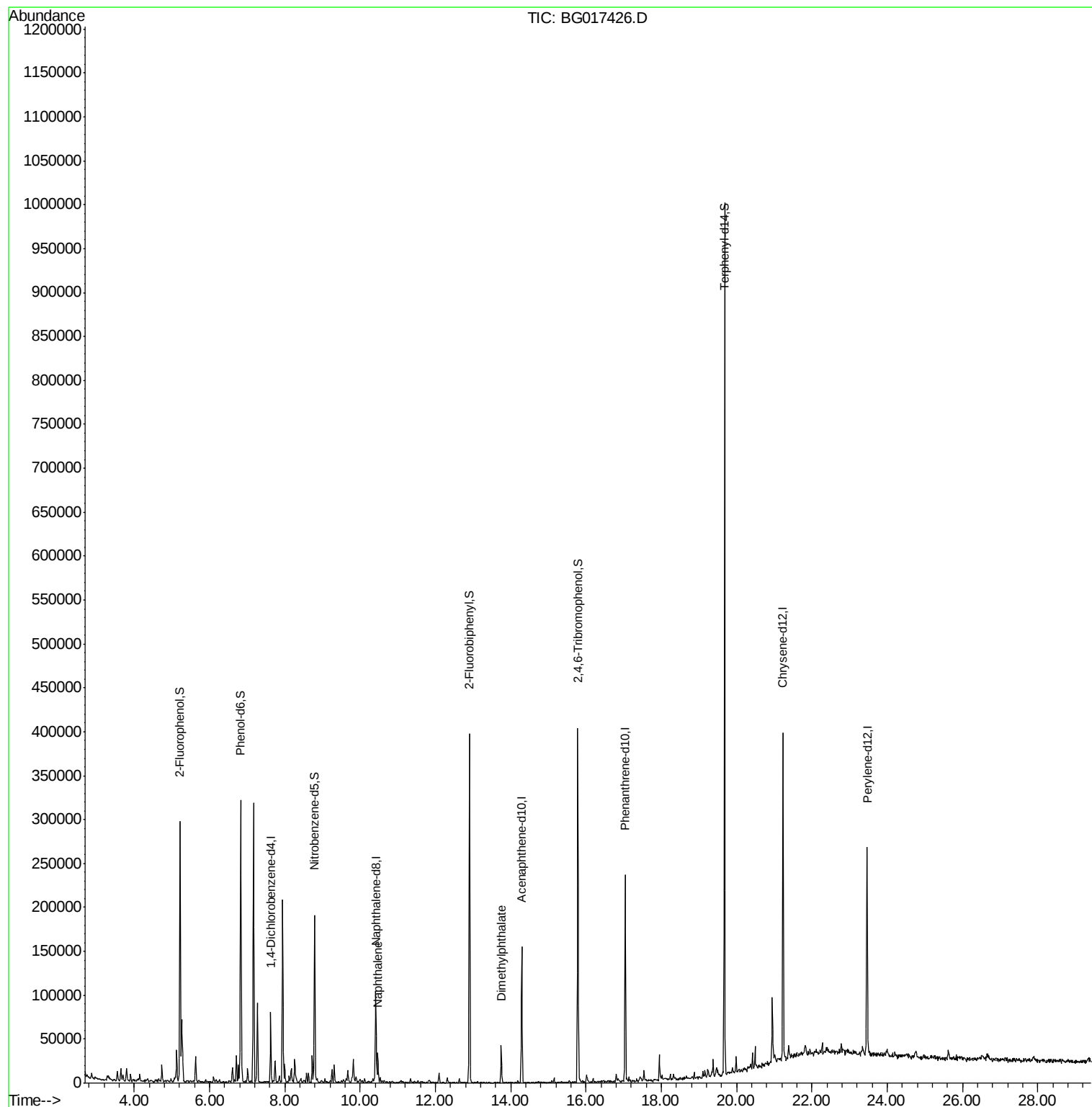
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	17113	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	72333	20.00	ng	0.00
38) Acenaphthene-d10	14.29	164	48961	20.00	ng	0.00
63) Phenanthrene-d10	17.04	188	122145	20.00	ng	0.00
75) Chrysene-d12	21.23	240	160705	20.00	ng	0.00
86) Perylene-d12	23.47	264	159065	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	103228	106.27	ng	0.00
7) Phenol-d6	6.83	99	139885	105.71	ng	0.00
23) Nitrobenzene-d5	8.79	82	93952	64.84	ng	0.00
41) 2,4,6-Tribromophenol	15.79	330	57362	84.35	ng	0.00
44) 2-Fluorobiphenyl	12.90	172	176021	54.23	ng	0.00
78) Terphenyl-d14	19.68	244	396605	51.01	ng	0.00
Target Compounds						
31) Naphthalene	10.47	128	18854	4.99	ng	Qvalue # 93
49) Dimethylphthalate	13.75	163	24745	5.81	ng	97

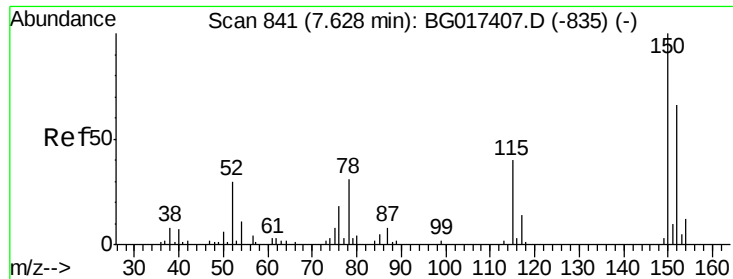
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On : 4 Jun 2015 3:58
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Instrument :
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ClientSampleId :
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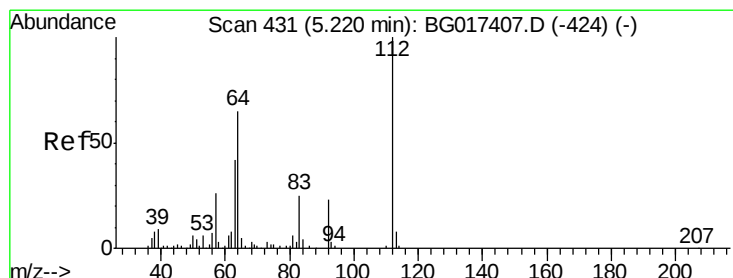
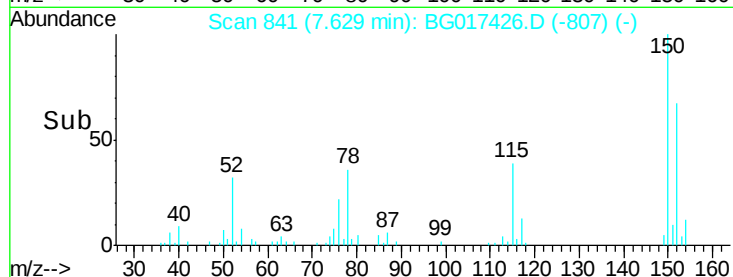
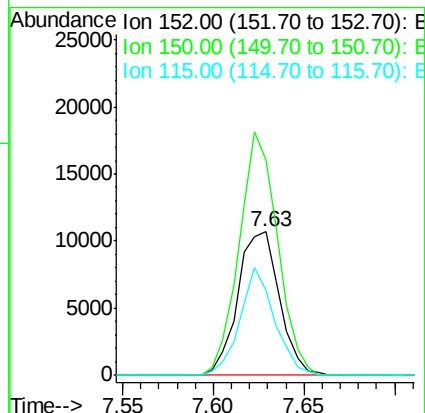
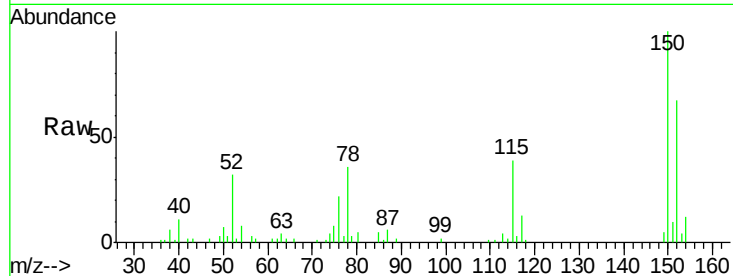


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.63 min Scan# 841
Delta R.T. 0.00 min
Lab File: BG017426.D
Acq: 4 Jun 2015 3:58

Instrument :
BNA_G
ClientSampleId :
DB-2(5-15)

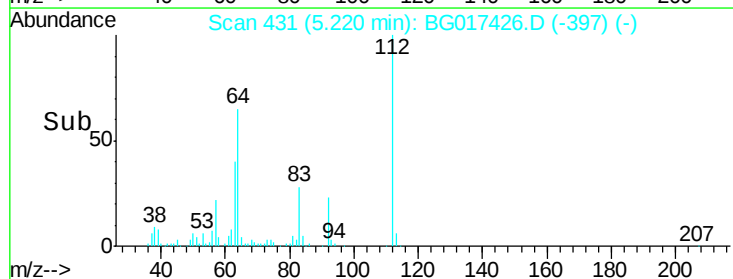
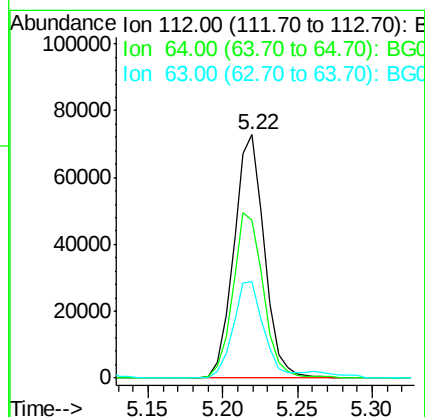
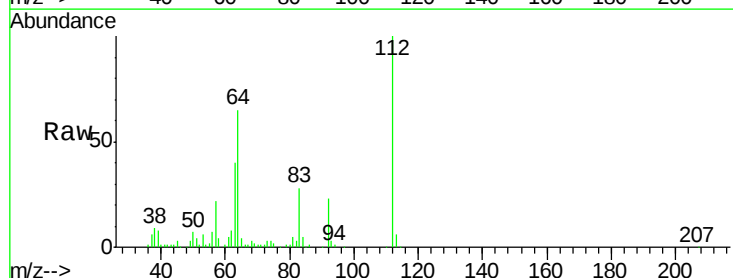
Tgt Ion:152 Resp: 17113
Ion Ratio Lower Upper
152 100
150 150.1 121.7 182.5
115 59.0 48.6 73.0

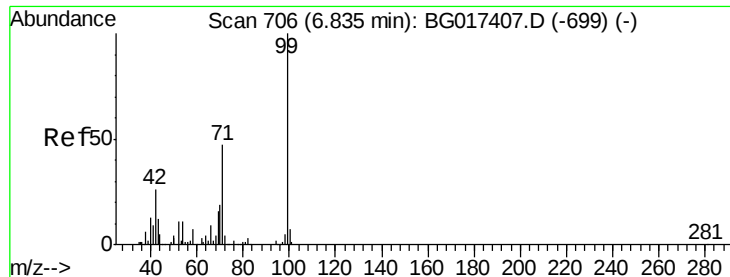


#5

2-Fluorophenol
Concen: 106.27 ng
RT: 5.22 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG017426.D
Acq: 4 Jun 2015 3:58

Tgt Ion:112 Resp: 103228
Ion Ratio Lower Upper
112 100
64 65.0 51.6 77.4
63 39.7 33.3 49.9





#7

Phenol-d6

Concen: 105.71 ng

RT: 6.83 min Scan# 705

Delta R.T. -0.01 min

Lab File: BG017426.D

Acq: 4 Jun 2015 3:58

Instrument :

BNA_G

ClientSampleId :

DB-2(5-15)

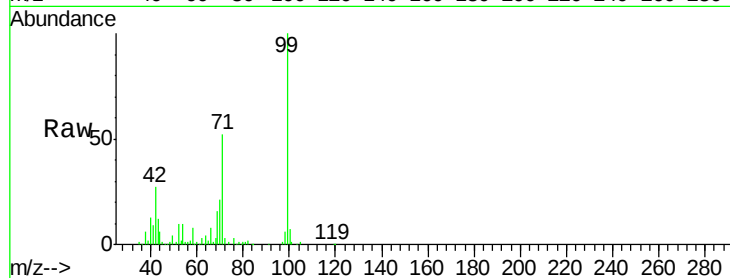
Tgt Ion: 99 Resp: 139885

Ion Ratio Lower Upper

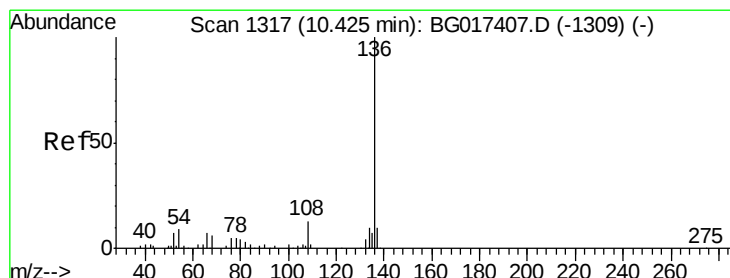
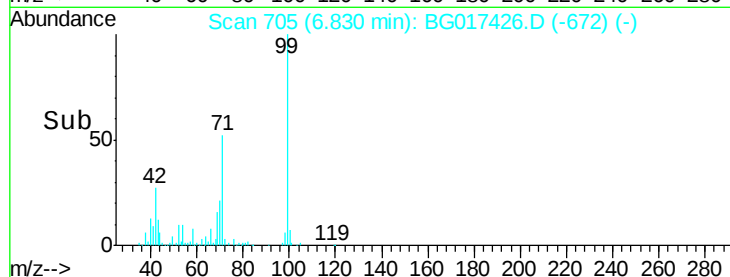
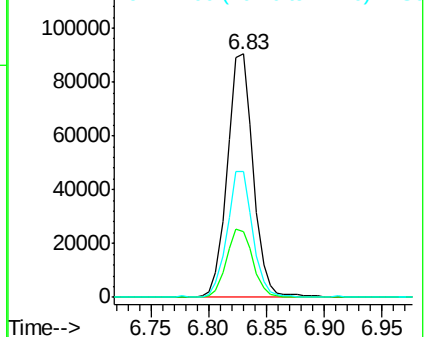
99 100

42 27.0 21.0 31.6

71 51.7 37.2 55.8



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: 10.42 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BG017426.D

Acq: 4 Jun 2015 3:58

Tgt Ion: 136 Resp: 72333

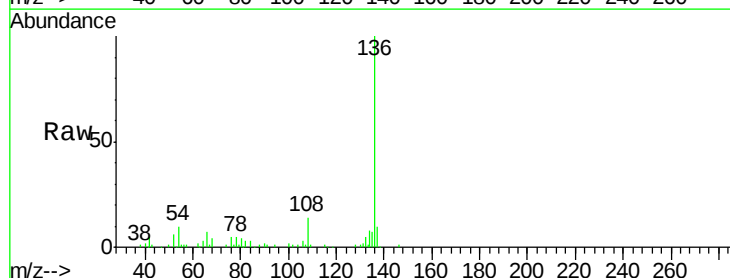
Ion Ratio Lower Upper

136 100

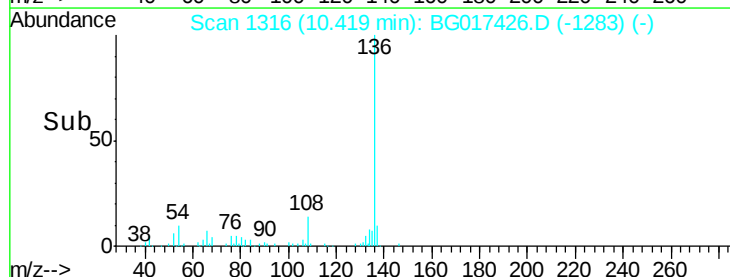
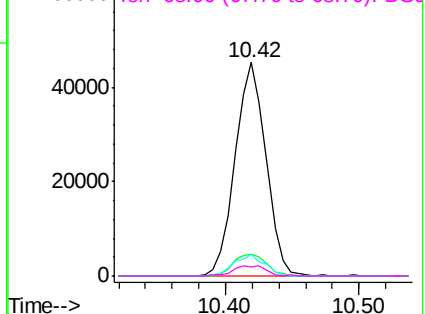
137 10.1 7.9 11.9

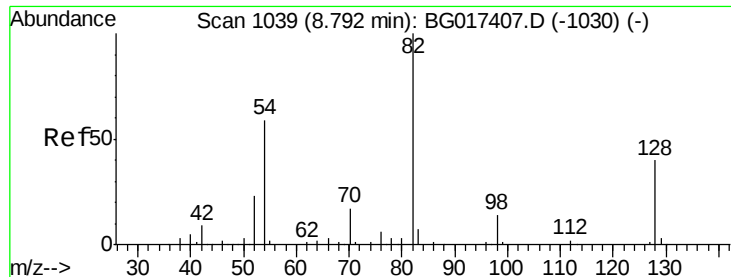
54 10.2 7.2 10.8

68 4.4 4.5 6.7#



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

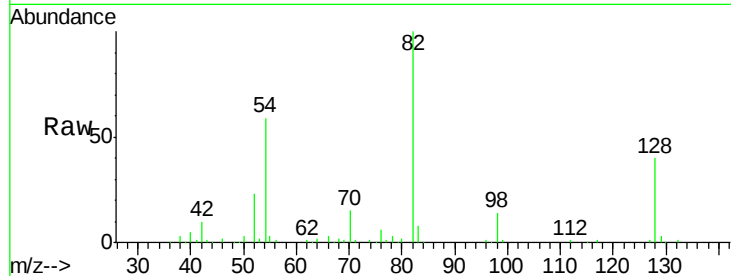




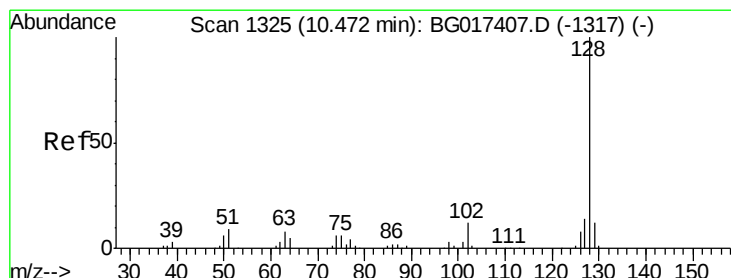
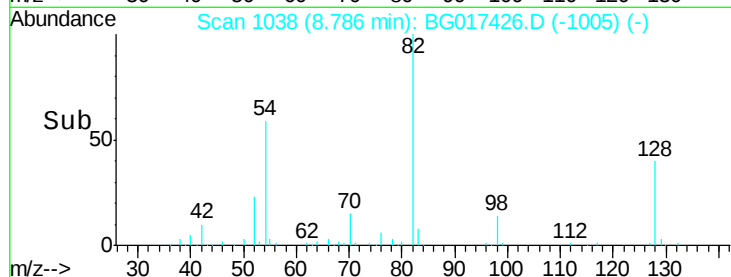
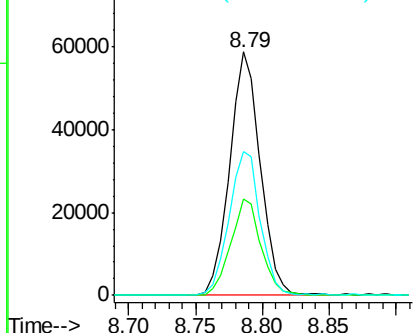
#23
Nitrobenzene-d5
Concen: 64.84 ng
RT: 8.79 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BG017426.D
Acq: 4 Jun 2015 3:58

Instrument :
BNA_G
ClientSampleId :
DB-2(5-15)

Tgt Ion: 82 Resp: 93952
Ion Ratio Lower Upper
82 100
128 39.8 32.2 48.4
54 58.8 47.4 71.2

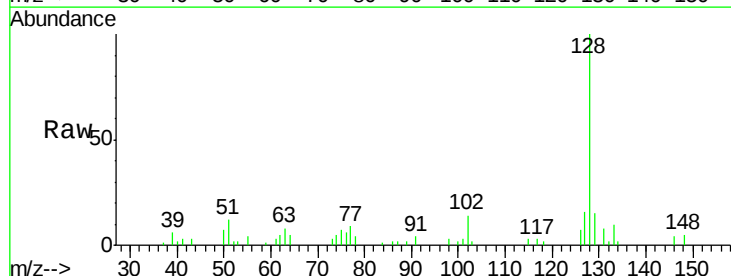


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

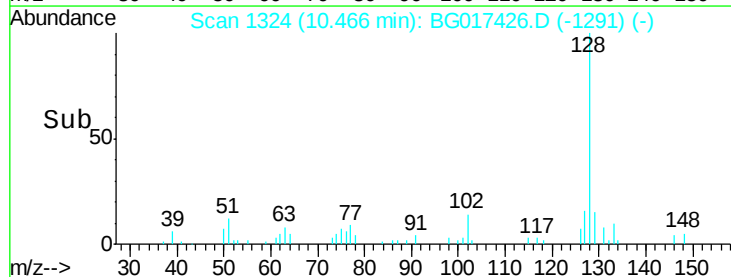
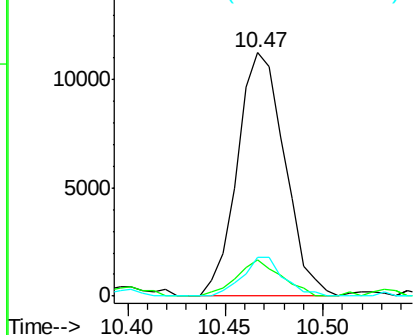


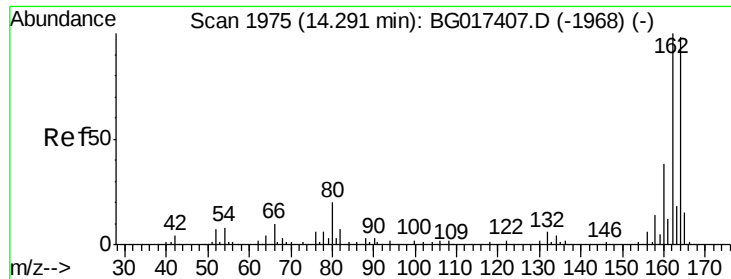
#31
Naphthalene
Concen: 4.99 ng
RT: 10.47 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG017426.D
Acq: 4 Jun 2015 3:58

Tgt Ion: 128 Resp: 18854
Ion Ratio Lower Upper
128 100
129 14.6 9.2 13.8#
127 15.7 10.9 16.3



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.29 min Scan# 1975

Delta R.T. 0.00 min

Lab File: BG017426.D

Acq: 4 Jun 2015 3:58

Instrument :

BNA_G

ClientSampleId :

DB-2(5-15)

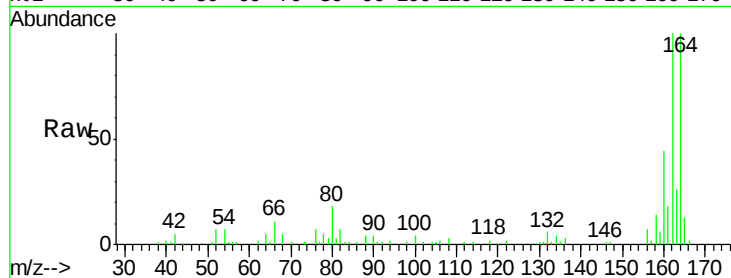
Tgt Ion:164 Resp: 48961

Ion Ratio Lower Upper

164 100

162 100.0 81.8 122.6

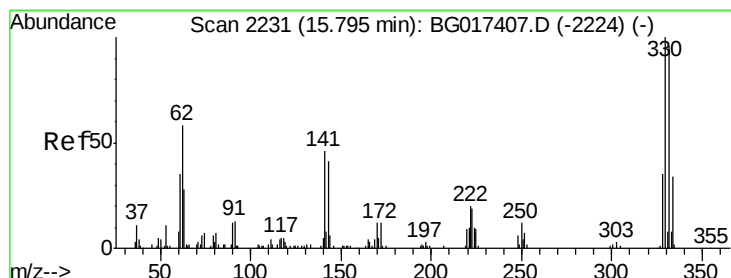
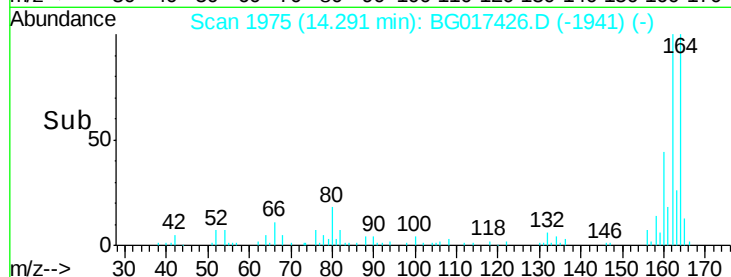
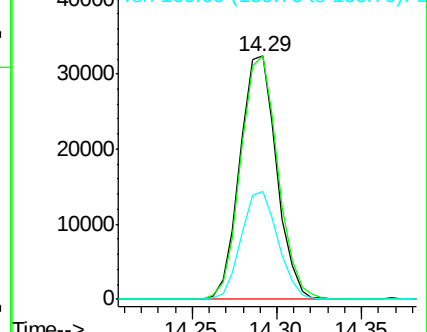
160 44.1 31.0 46.4



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: 84.35 ng

RT: 15.79 min Scan# 2230

Delta R.T. -0.01 min

Lab File: BG017426.D

Acq: 4 Jun 2015 3:58

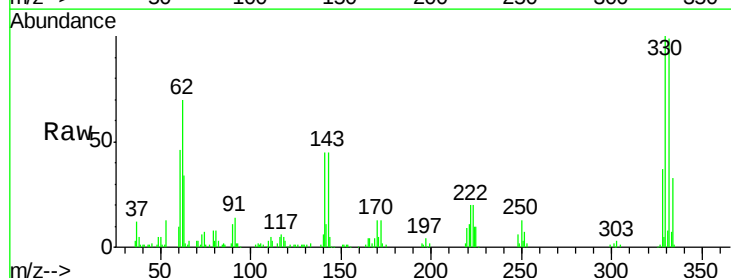
Tgt Ion:330 Resp: 57362

Ion Ratio Lower Upper

330 100

332 98.9 75.9 113.9

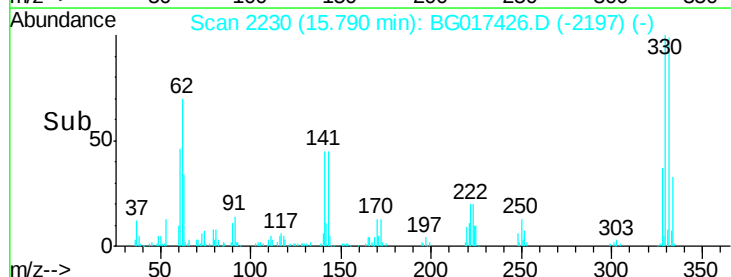
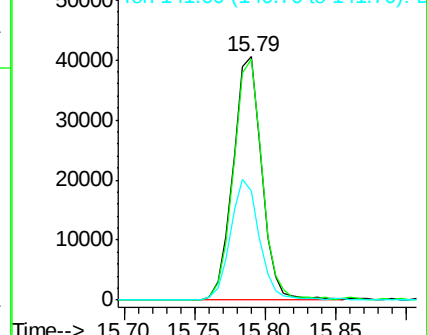
141 49.8 40.2 60.4

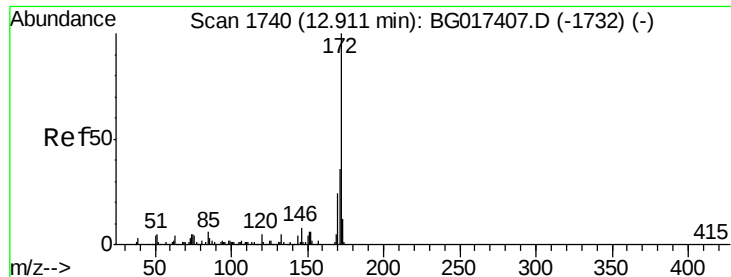


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

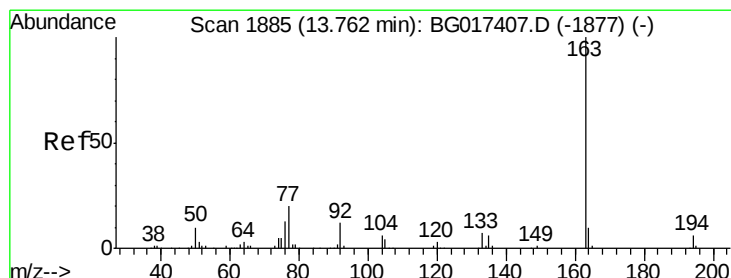
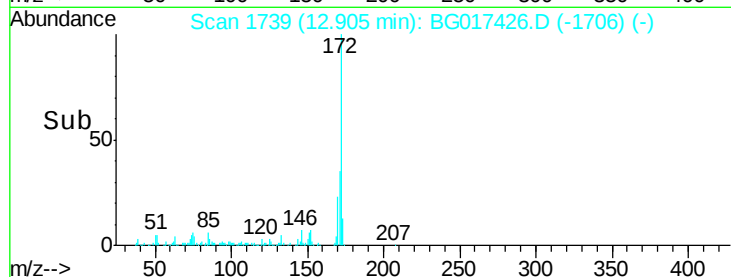
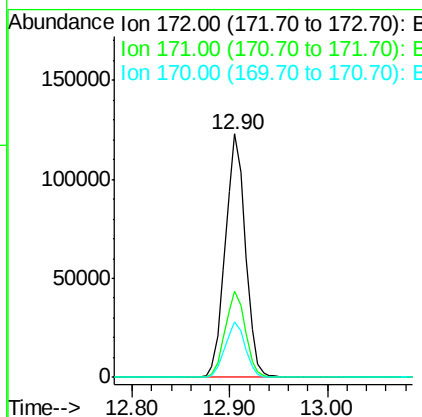
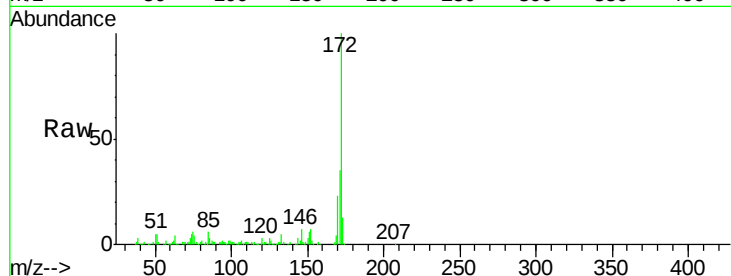




#44
2-Fluorobiphenyl
Concen: 54.23 ng
RT: 12.90 min Scan# 1739
Delta R.T. -0.01 min
Lab File: BG017426.D
Acq: 4 Jun 2015 3:58

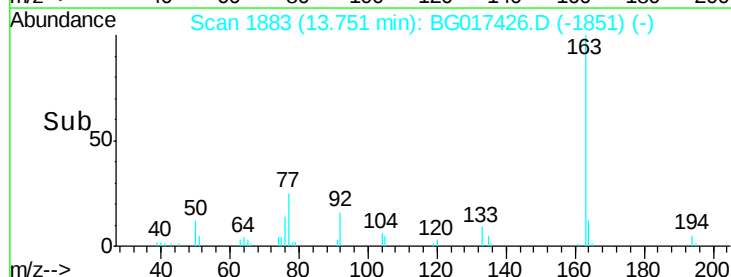
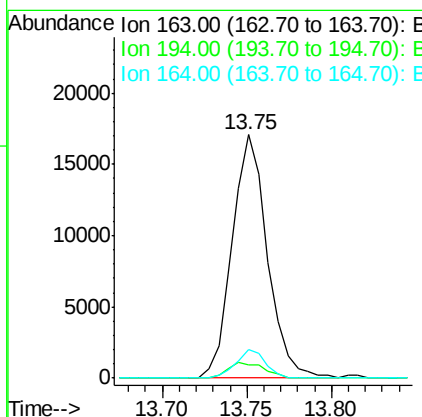
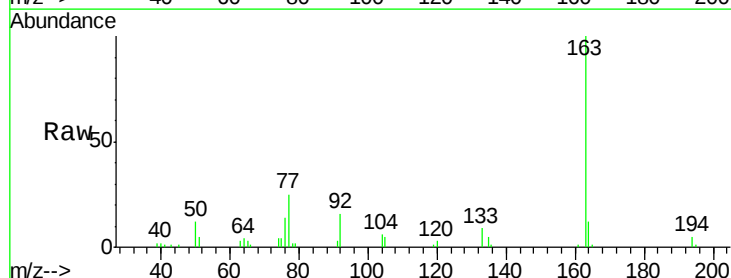
Instrument :
BNA_G
ClientSampleId :
DB-2(5-15)

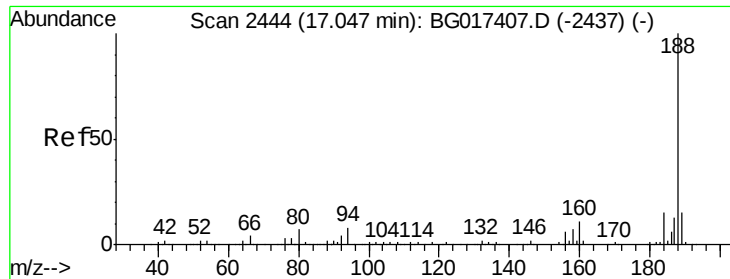
Tgt Ion:172 Resp: 176021
Ion Ratio Lower Upper
172 100
171 35.4 29.0 43.6
170 22.9 18.9 28.3



#49
Dimethylphthalate
Concen: 5.81 ng
RT: 13.75 min Scan# 1883
Delta R.T. -0.01 min
Lab File: BG017426.D
Acq: 4 Jun 2015 3:58

Tgt Ion:163 Resp: 24745
Ion Ratio Lower Upper
163 100
194 5.3 4.9 7.3
164 11.7 8.2 12.2

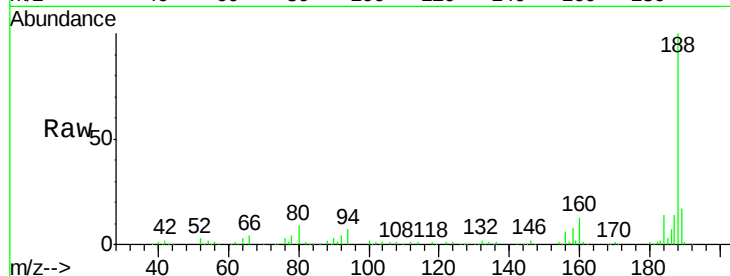




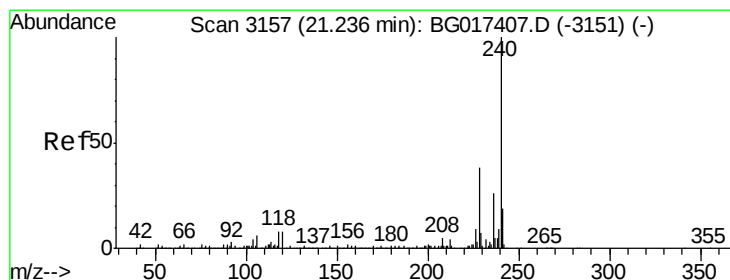
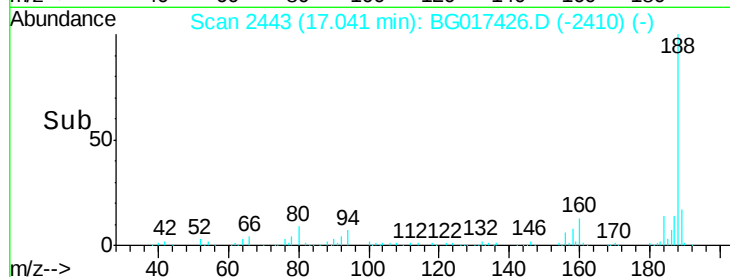
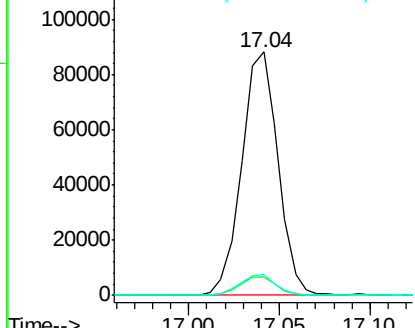
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.04 min Scan# 2443
Delta R.T. -0.01 min
Lab File: BG017426.D
Acq: 4 Jun 2015 3:58

Instrument :
BNA_G
ClientSampleId :
DB-2(5-15)

Tgt Ion:188 Resp: 122145
Ion Ratio Lower Upper
188 100
94 7.3 6.3 9.5
80 8.8 5.2 7.8#

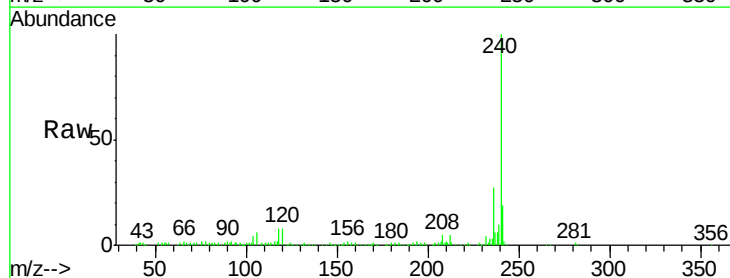


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

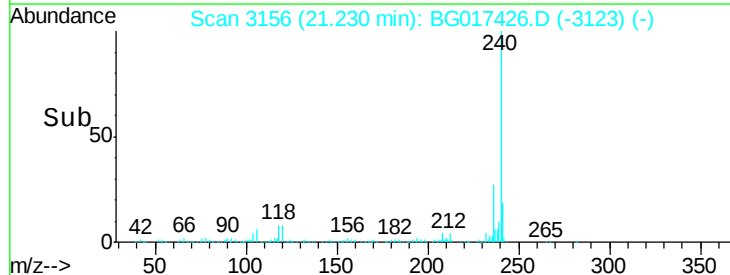
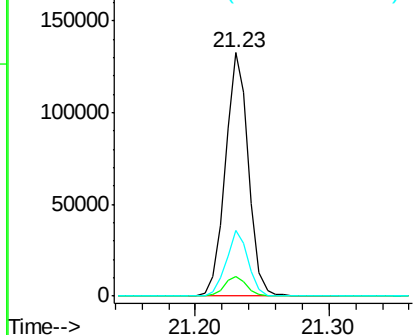


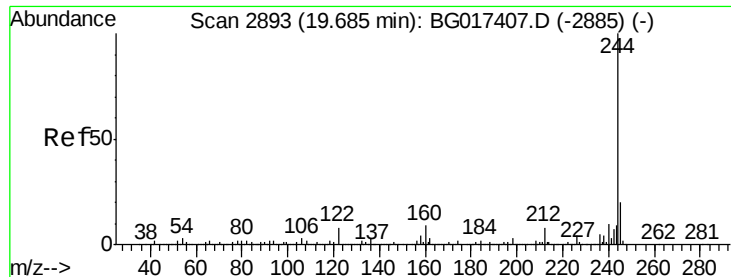
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.23 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG017426.D
Acq: 4 Jun 2015 3:58

Tgt Ion:240 Resp: 160705
Ion Ratio Lower Upper
240 100
120 8.2 6.5 9.7
236 27.0 20.8 31.2



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: 51.01 ng

RT: 19.68 min Scan# 2892

Delta R.T. -0.01 min

Lab File: BG017426.D

Acq: 4 Jun 2015 3:58

Instrument :

BNA_G

ClientSampleId :

DB-2(5-15)

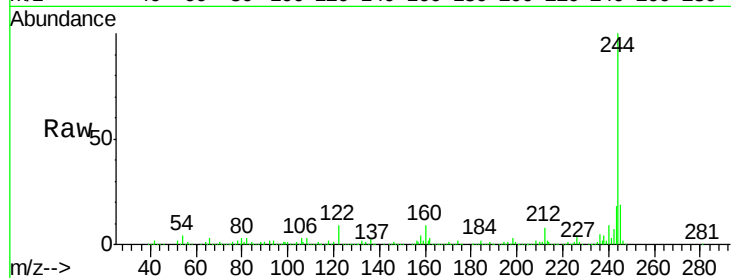
Tgt Ion:244 Resp: 396605

Ion Ratio Lower Upper

244 100

212 8.2 6.4 9.6

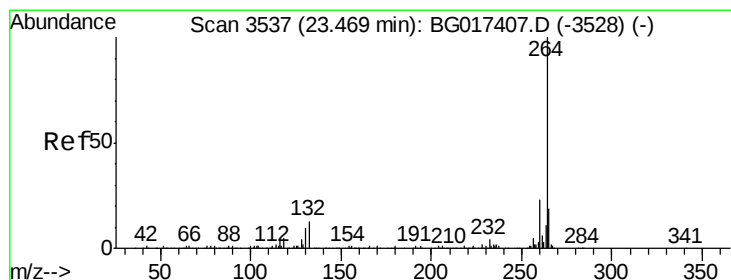
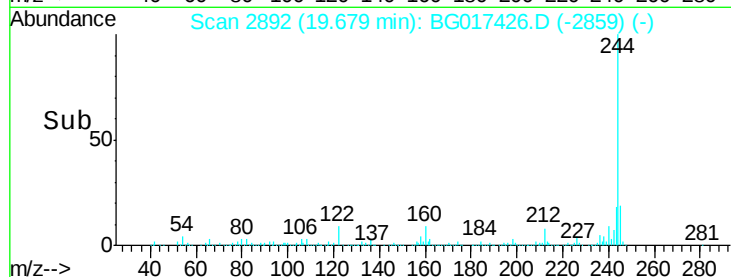
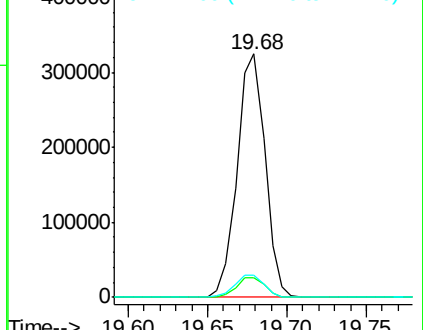
122 9.0 6.6 10.0



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: 23.47 min Scan# 3537

Delta R.T. 0.00 min

Lab File: BG017426.D

Acq: 4 Jun 2015 3:58

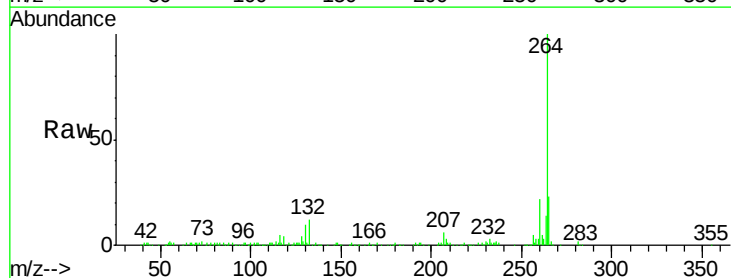
Tgt Ion:264 Resp: 159065

Ion Ratio Lower Upper

264 100

260 21.9 18.2 27.4

265 22.8 15.8 23.6



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

