

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071618\
 Data File : BG035670.D
 Acq On : 16 Jul 2018 15:20
 Operator : JU/SJ
 Sample : J3975-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SV30518L

Quant Time: Jul 16 17:01:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 12 14:43:32 2018
 Response via : Initial Calibration

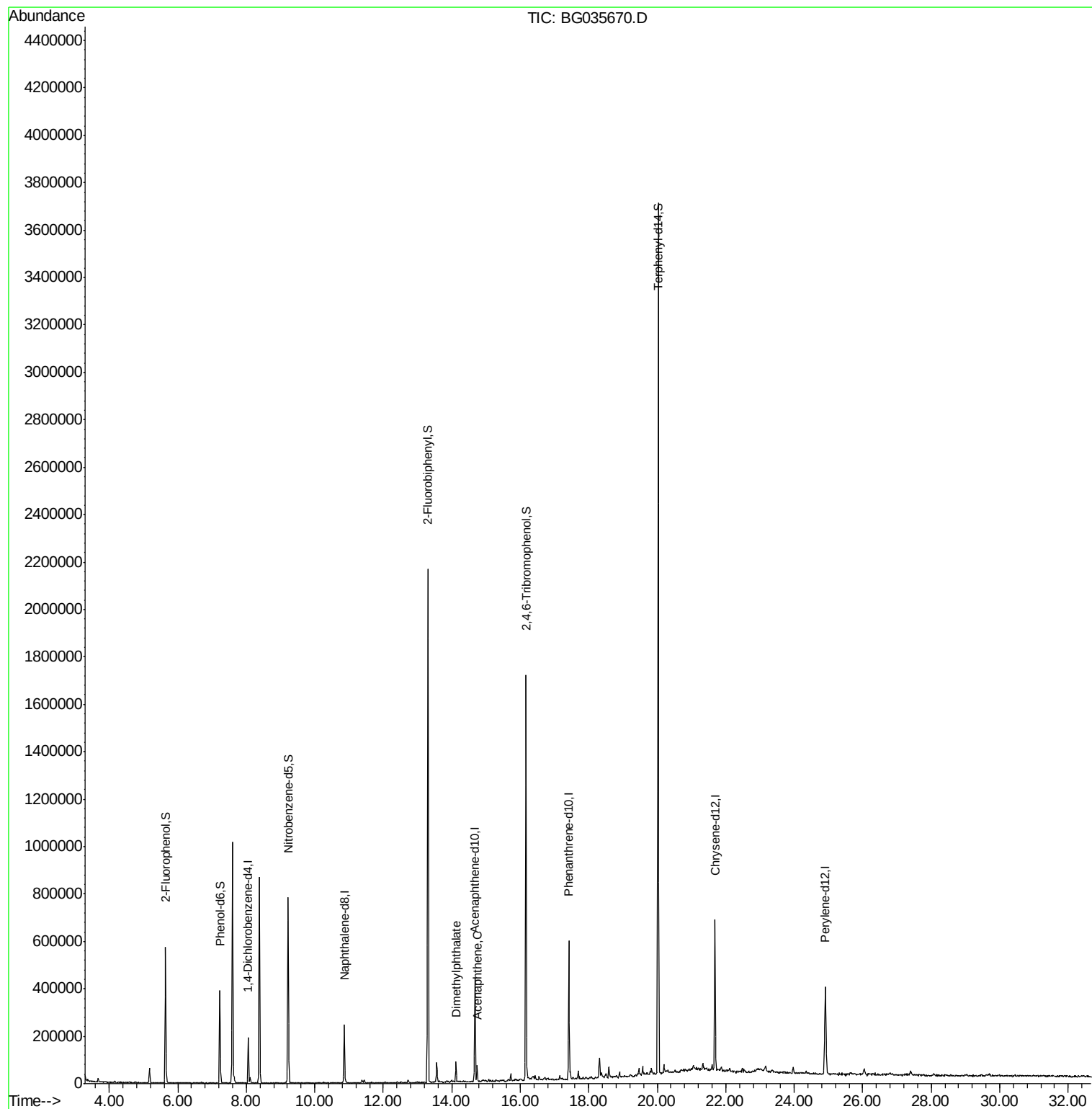
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	53094	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	205549	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	146452	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	368983	20.00	ng	0.00
75) Chrysene-d12	21.69	240	384566	20.00	ng	0.00
86) Perylene-d12	24.90	264	374716	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	244190	76.36	ng	0.01
7) Phenol-d6	7.23	99	236220	49.51	ng	0.01
23) Nitrobenzene-d5	9.22	82	512599	104.18	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	307037	159.06	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	1157082	105.85	ng	0.00
78) Terphenyl-d14	20.03	244	1778353	101.93	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.13	163	51976	4.051	ng	Qvalue # 98
51) Acenaphthene	14.74	154	26202	2.843	ng	95

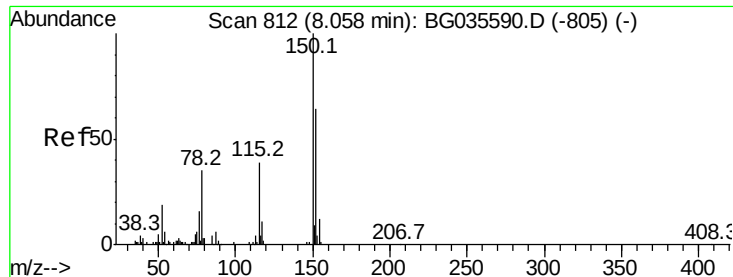
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 813

Delta R.T. 0.00 min

Lab File: BG035670.D

Acq: 16 Jul 2018 15:20

Instrument :

BNA_G

ClientSampleId :

SV30518L

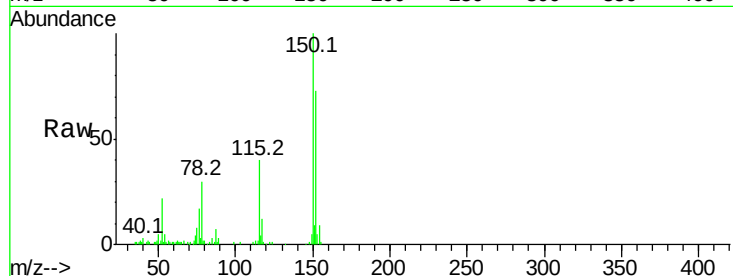
Tot Ion:152 Resp: 53094

Ion Ratio Lower Upper

152 100

150 137.9 126.6 189.8

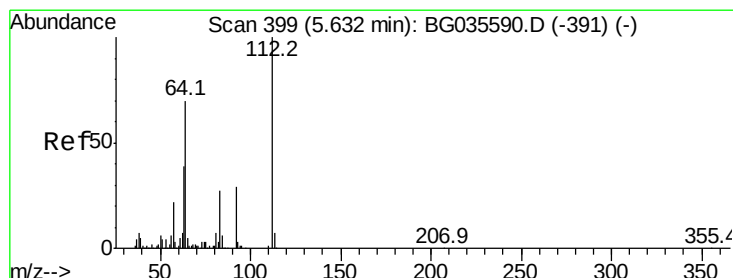
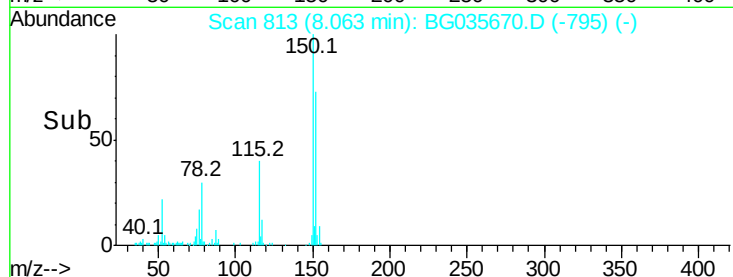
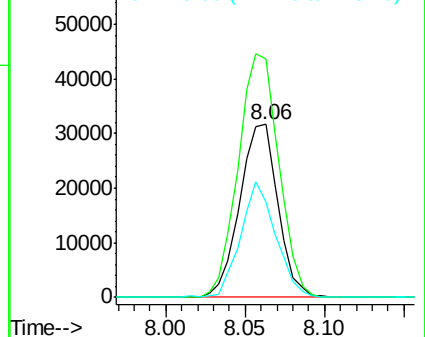
115 55.2 53.0 79.4



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: 76.358 ng

RT: 5.64 min Scan# 401

Delta R.T. 0.01 min

Lab File: BG035670.D

Acq: 16 Jul 2018 15:20

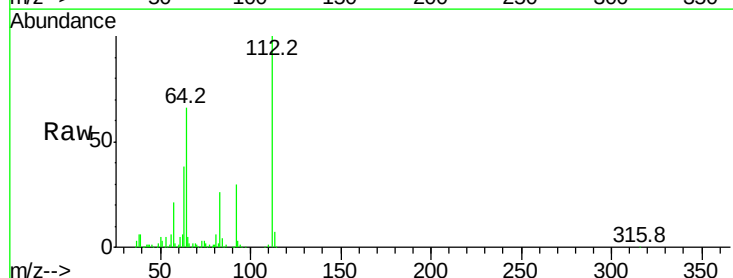
Tgt Ion:112 Resp: 244190

Ion Ratio Lower Upper

112 100

64 65.5 56.3 84.5

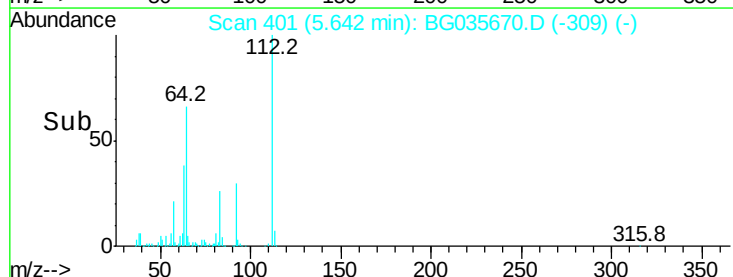
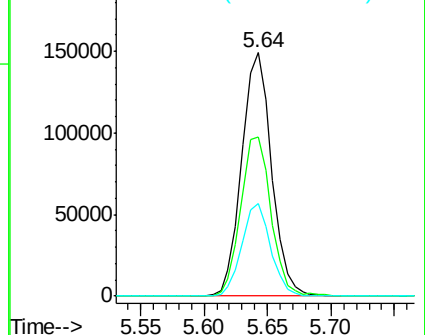
63 38.2 30.1 45.1

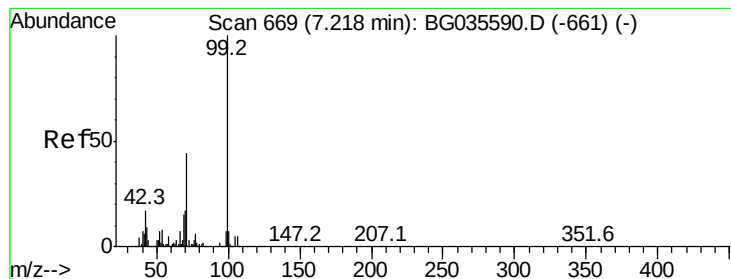


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 49.508 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.01 min

Lab File: BG035670.D

Acq: 16 Jul 2018 15:20

Instrument :

BNA_G

ClientSampleId :

SV30518L

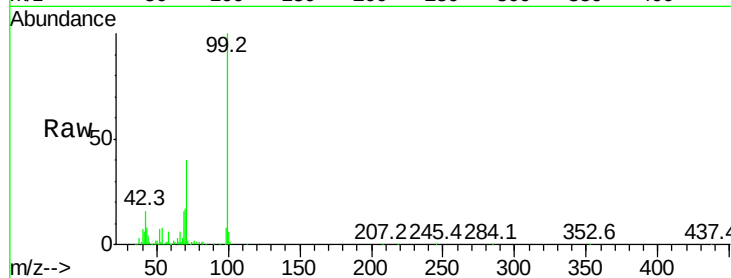
Tot Ion: 99 Resp: 236220

Ion Ratio Lower Upper

99 100

42 16.2 14.1 21.1

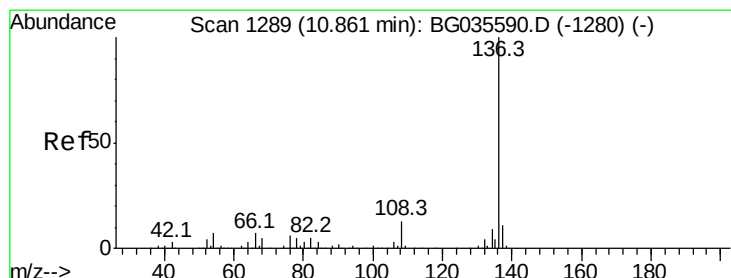
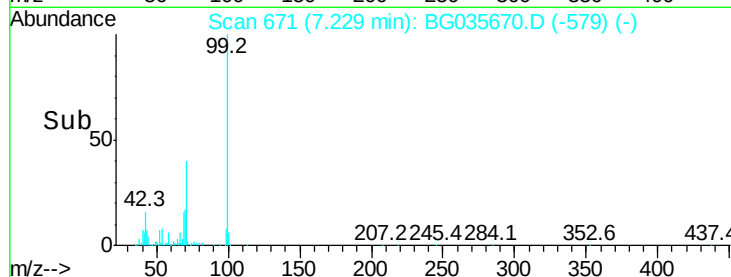
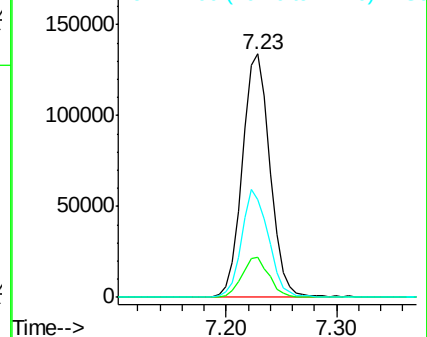
71 40.1 26.1 39.1#



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: 20.000 ng

RT: 10.86 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BG035670.D

Acq: 16 Jul 2018 15:20

Tgt Ion: 136 Resp: 205549

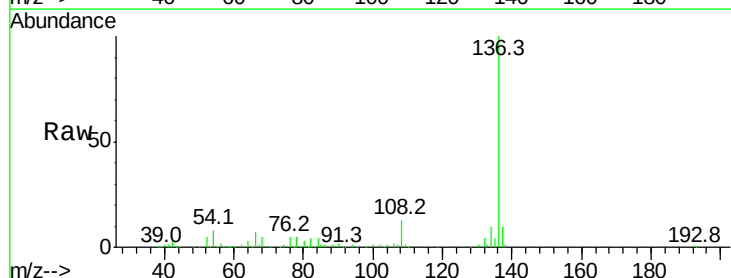
Ion Ratio Lower Upper

136 100

137 10.0 9.2 13.8

54 7.6 10.3 15.5#

68 4.6 4.5 6.7

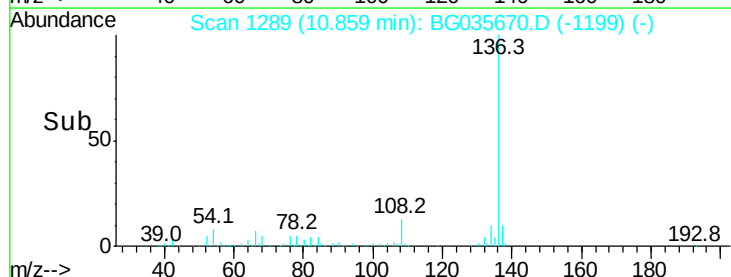
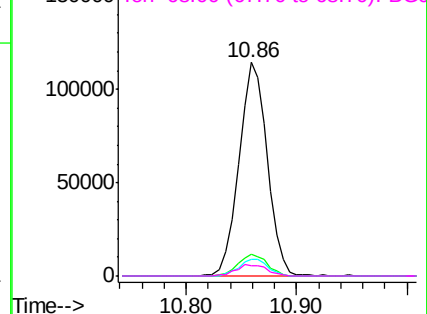


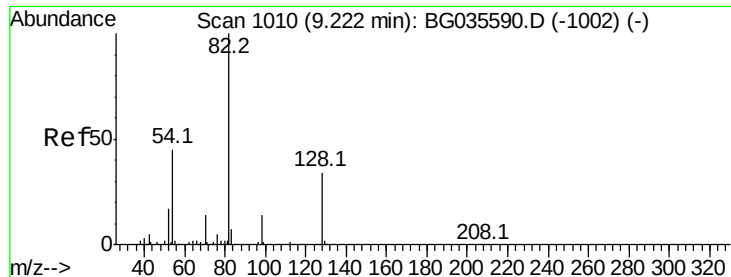
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

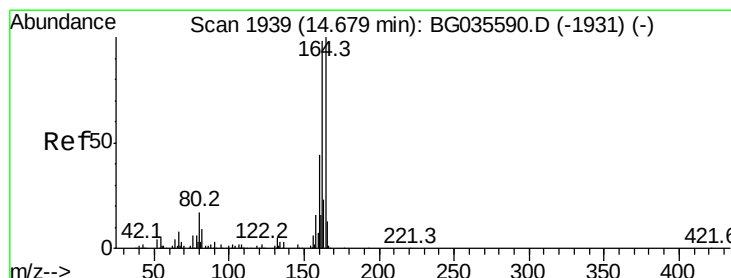
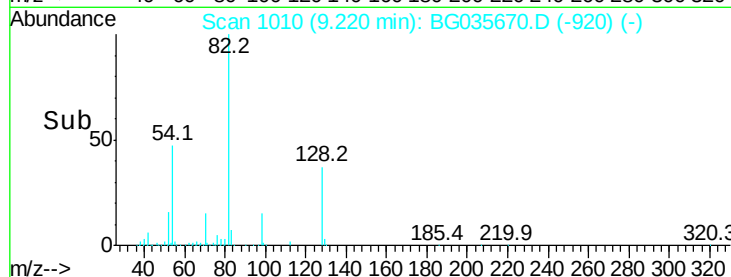
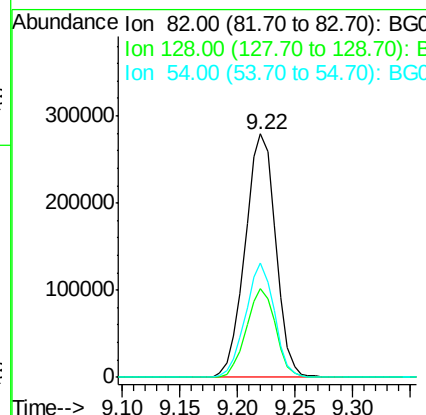
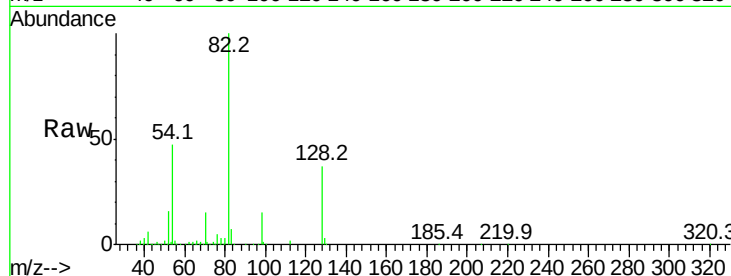




#23
 Nitrobenzene-d5
 Concen: 104.178 ng
 RT: 9.22 min Scan# 1010
 Delta R.T. -0.00 min
 Lab File: BG035670.D
 Acq: 16 Jul 2018 15:20

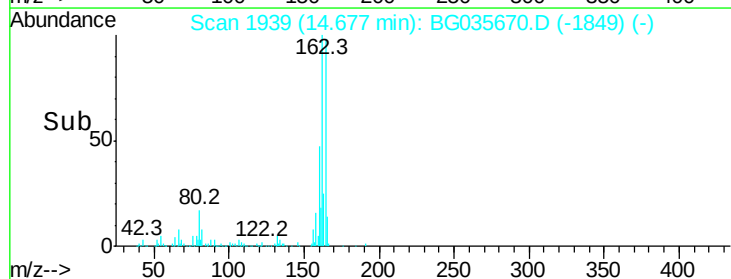
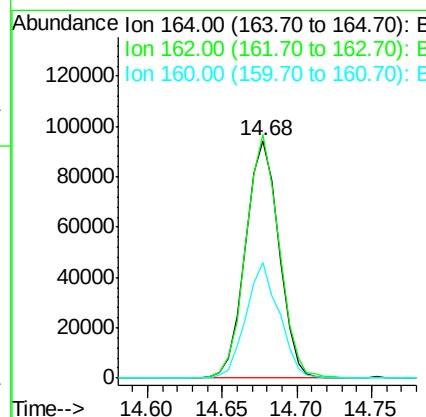
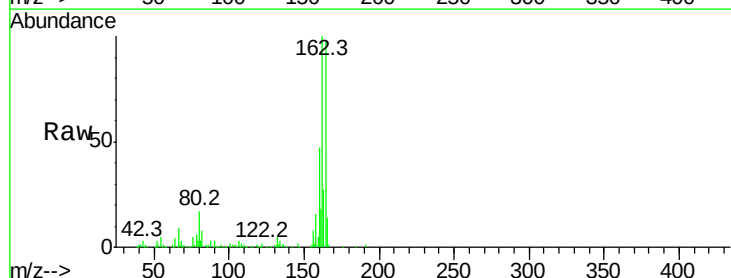
Instrument :
 BNA_G
 ClientSampleId :
 SV30518L

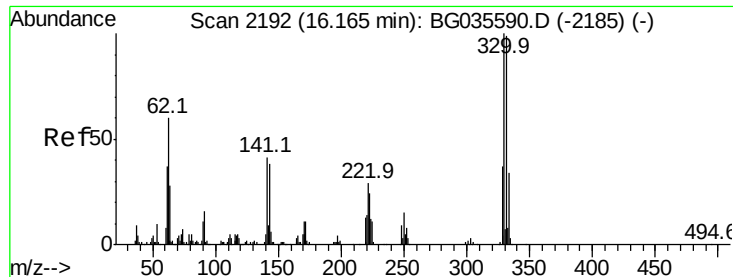
Tot Ion	82	Resp	512599
Ion Ratio	Lower	Upper	
82	100		
128	36.5	29.7	44.5
54	46.9	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: BG035670.D
 Acq: 16 Jul 2018 15:20

Tgt Ion	164	Resp	146452
Ion Ratio	Lower	Upper	
164	100		
162	102.4	78.8	118.2
160	48.6	35.4	53.0





#41

2,4,6-Tribromophenol

Concen: 159.059 ng

RT: 16.17 min Scan# 2193

Delta R.T. 0.00 min

Lab File: BG035670.D

Acq: 16 Jul 2018 15:20

Instrument :

BNA_G

ClientSampled :

SV30518L

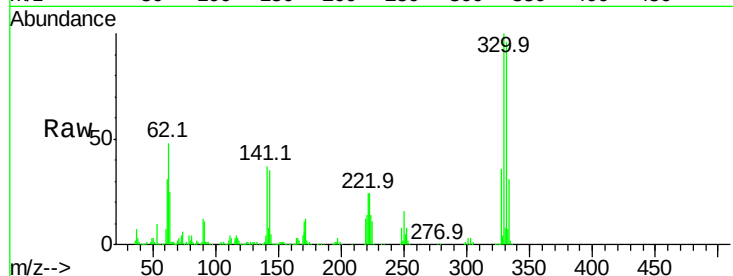
Tot Ion:330 Resp: 307037

Ion Ratio Lower Upper

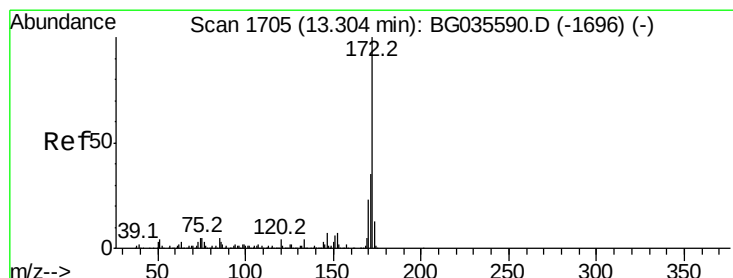
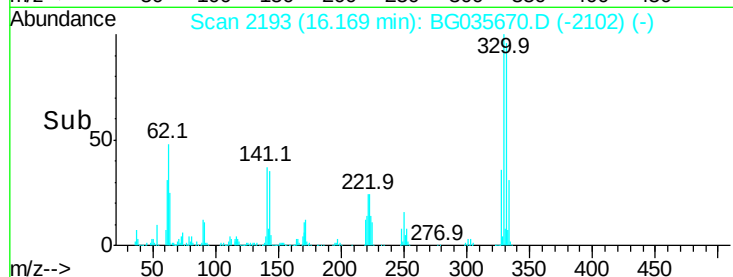
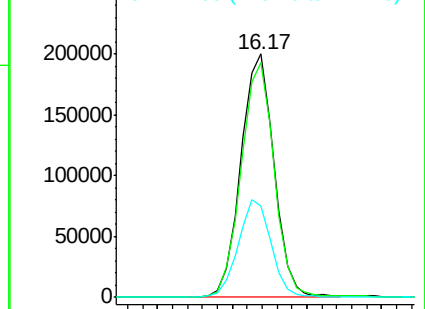
330 100

332 96.3 77.0 115.6

141 40.0 25.2 37.8#



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: 105.850 ng

RT: 13.30 min Scan# 1705

Delta R.T. -0.00 min

Lab File: BG035670.D

Acq: 16 Jul 2018 15:20

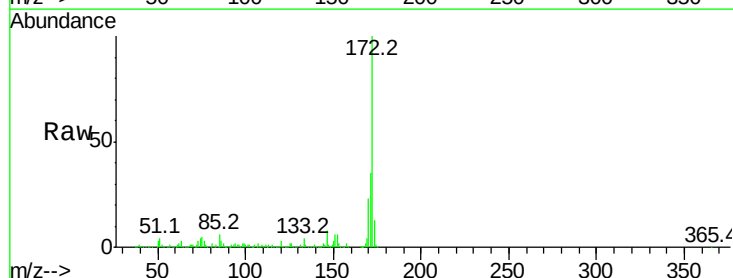
Tgt Ion:172 Resp: 1157082

Ion Ratio Lower Upper

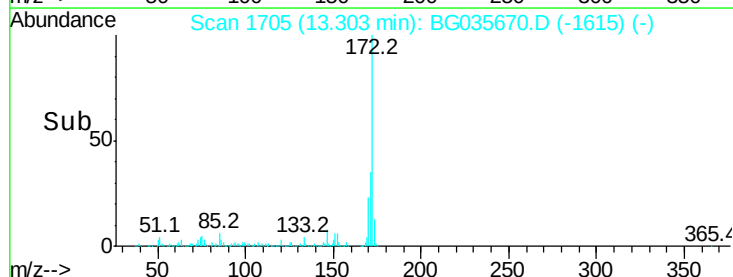
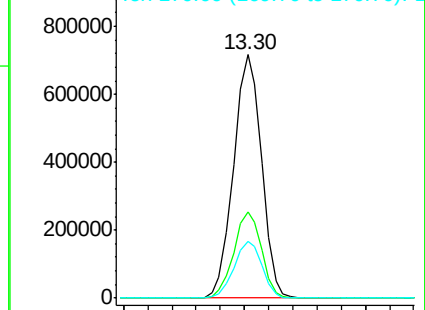
172 100

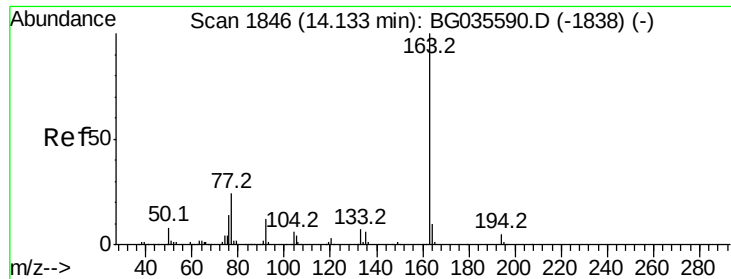
171 35.3 30.0 45.0

170 23.4 19.5 29.3



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: 4.051 ng

RT: 14.13 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BG035670.D

Acq: 16 Jul 2018 15:20

Instrument :

BNA_G

ClientSampleId :

SV30518L

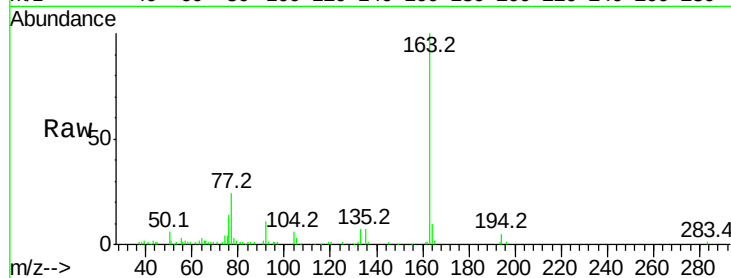
Tot Ion:163 Resp: 51976

Ion Ratio Lower Upper

163 100

194 5.2 3.4 5.2#

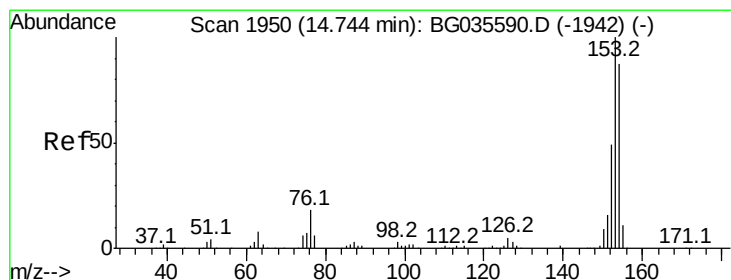
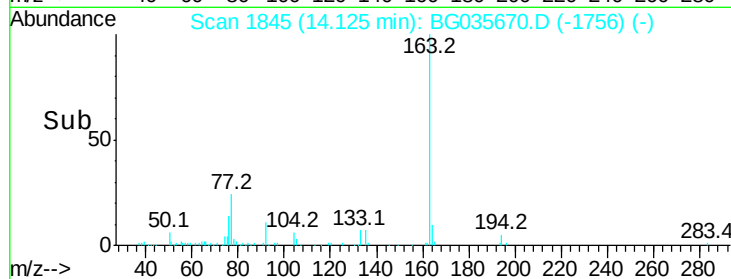
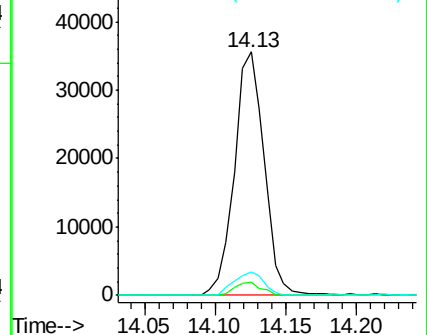
164 9.8 8.2 12.4



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



#51

Acenaphthene

Concen: 2.843 ng

RT: 14.74 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BG035670.D

Acq: 16 Jul 2018 15:20

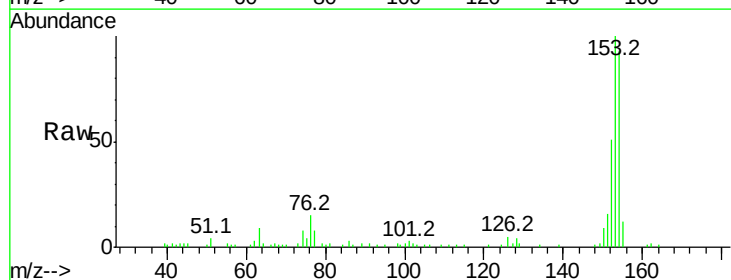
Tgt Ion:154 Resp: 26202

Ion Ratio Lower Upper

154 100

153 107.5 90.4 135.6

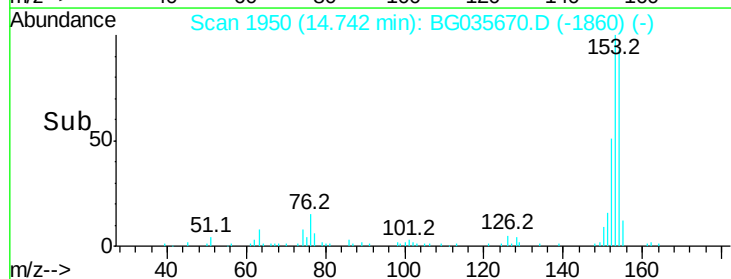
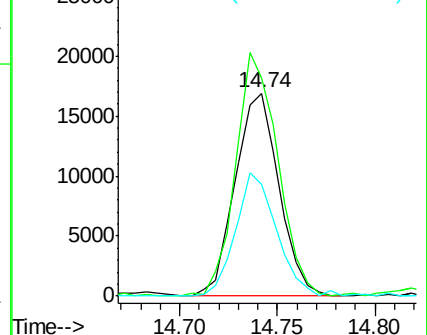
152 55.1 41.6 62.4

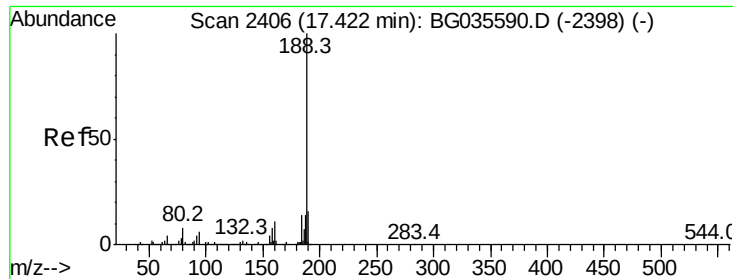


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2406

Delta R.T. -0.00 min

Lab File: BG035670.D

Acq: 16 Jul 2018 15:20

Instrument :

BNA_G

ClientSampleId :

SV30518L

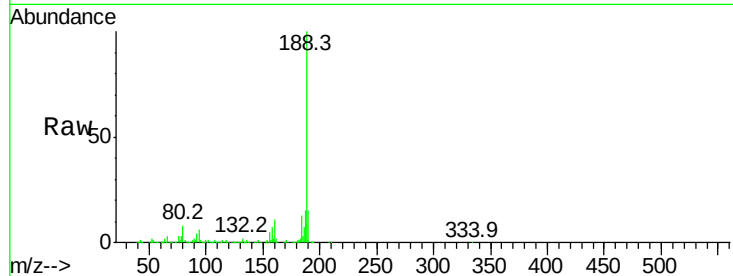
Tot Ion:188 Resp: 368983

Ion Ratio Lower Upper

188 100

94 6.4 6.9 10.3#

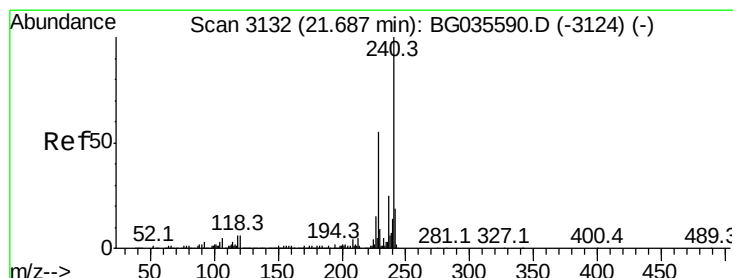
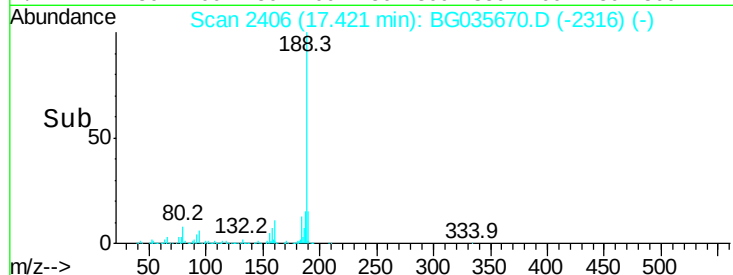
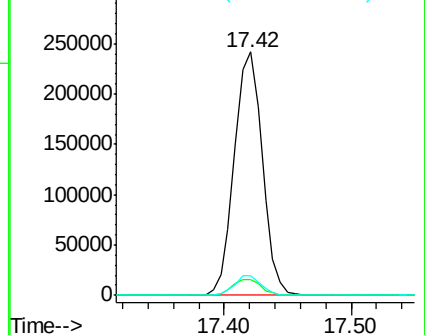
80 8.0 7.7 11.5



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: 20.000 ng

RT: 21.69 min Scan# 3132

Delta R.T. -0.00 min

Lab File: BG035670.D

Acq: 16 Jul 2018 15:20

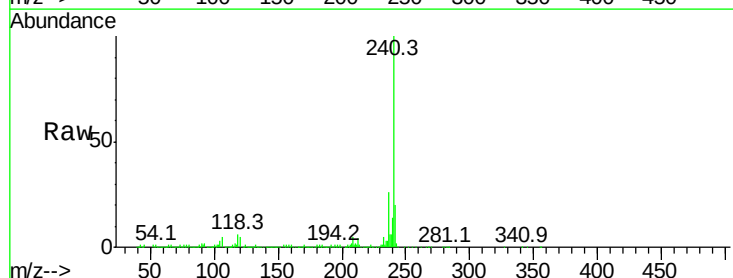
Tgt Ion:240 Resp: 384566

Ion Ratio Lower Upper

240 100

120 5.3 6.8 10.2#

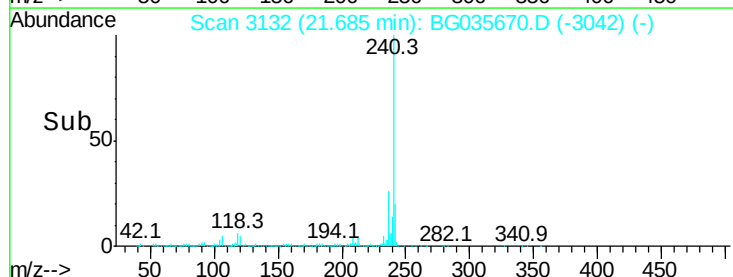
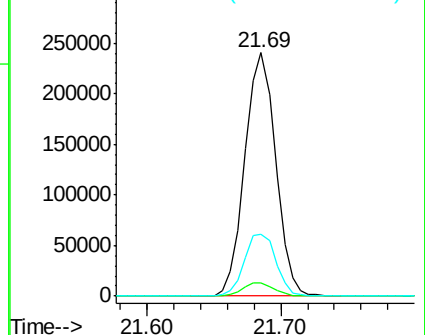
236 25.6 20.9 31.3

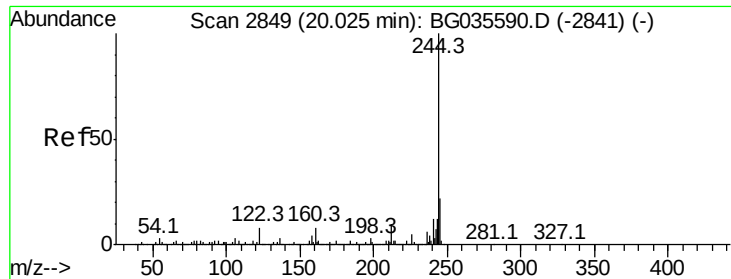


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 101.934 ng

RT: 20.03 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BG035670.D

Acq: 16 Jul 2018 15:20

Instrument :

BNA_G

ClientSampleId :

SV30518L

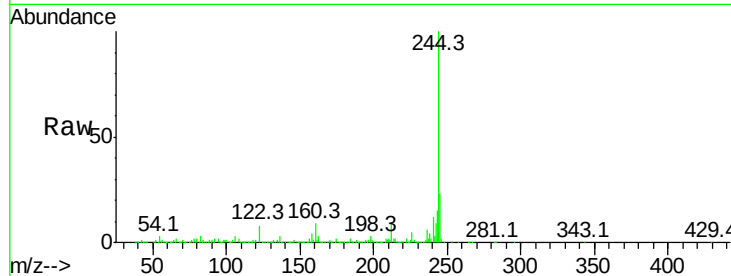
Tot Ion:244 Resp: 1778353

Ion Ratio Lower Upper

244 100

212 10.1 5.8 8.8#

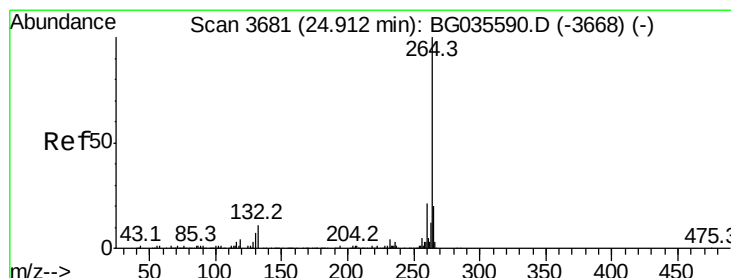
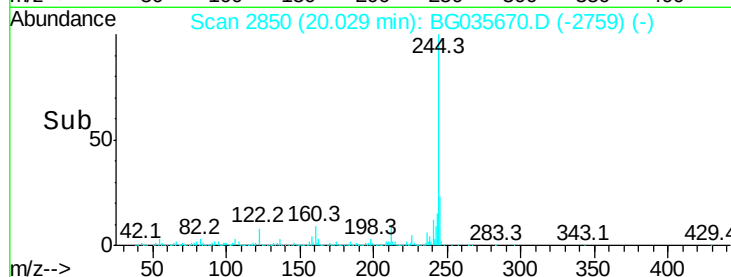
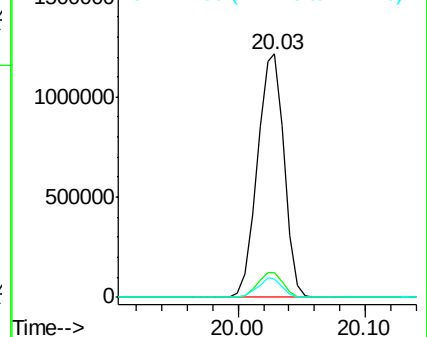
122 7.7 7.0 10.4



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: 20.000 ng

RT: 24.90 min Scan# 3680

Delta R.T. -0.01 min

Lab File: BG035670.D

Acq: 16 Jul 2018 15:20

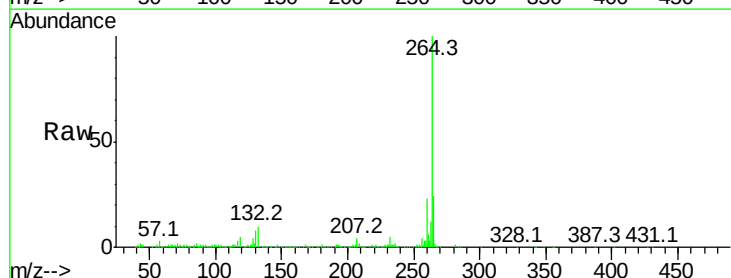
Tgt Ion:264 Resp: 374716

Ion Ratio Lower Upper

264 100

260 23.1 17.4 26.0

265 23.6 17.7 26.5



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

