

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030819\
 Data File : BG039825.D
 Acq On : 8 Mar 2019 17:36
 Operator : JU/SJ
 Sample : K1807-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-6

Quant Time: Mar 09 00:32:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

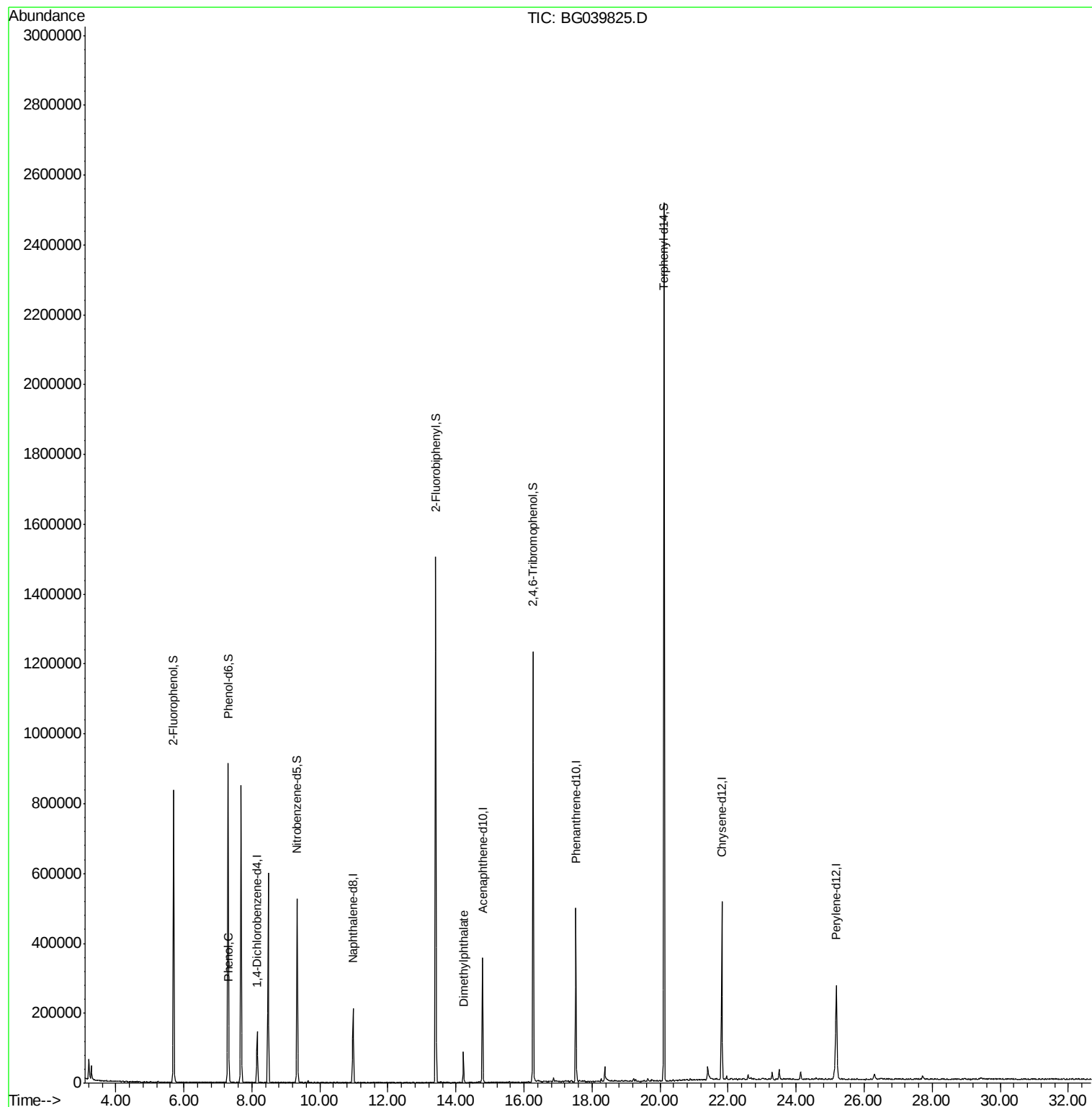
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	40056	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	176707	20.00	ng	-0.02
39) Acenaphthene-d10	14.78	164	124540	20.00	ng	0.00
64) Phenanthrene-d10	17.52	188	308016	20.00	ng	0.00
76) Chrysene-d12	21.81	240	309039	20.00	ng	-0.02
87) Perylene-d12	25.18	264	313202	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	358811	152.82	ng	0.00
7) Phenol-d6	7.30	99	538292	153.76	ng	-0.02
23) Nitrobenzene-d5	9.33	82	312681	95.70	ng	-0.02
42) 2,4,6-Tribromophenol	16.27	330	220352	151.80	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	782230	89.43	ng	-0.02
79) Terphenyl-d14	20.12	244	1178940	84.00	ng	0.00
Target Compounds						
10) Phenol	7.33	94	8895	2.345	ng	Qvalue 84
50) Dimethylphthalate	14.22	163	62308	5.983	ng	96

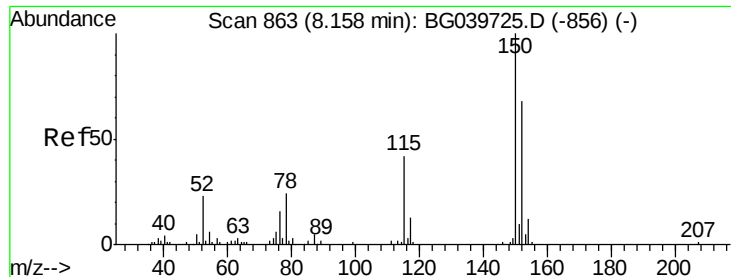
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.16 min Scan# 862

Delta R.T. -0.02 min

Lab File: BG039825.D

Acq: 8 Mar 2019 17:36

Instrument :

BNA_G

ClientSampleId :

TP-6

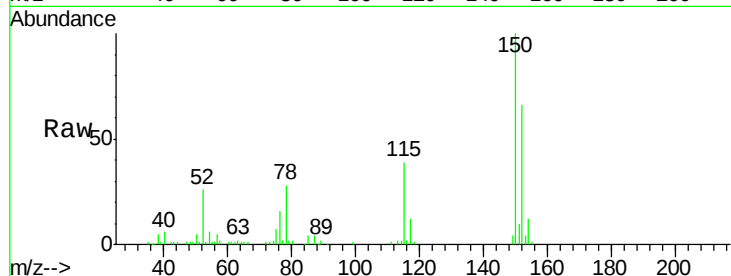
Tgt Ion:152 Resp: 40056

Ion Ratio Lower Upper

152 100

150 151.8 123.7 185.5

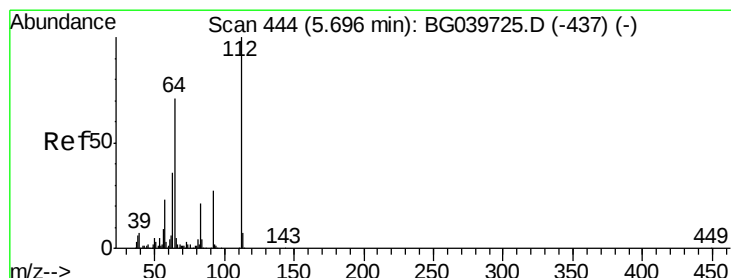
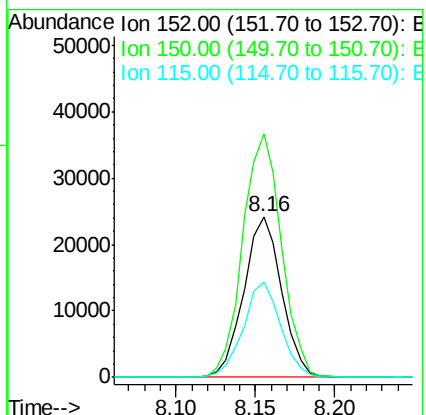
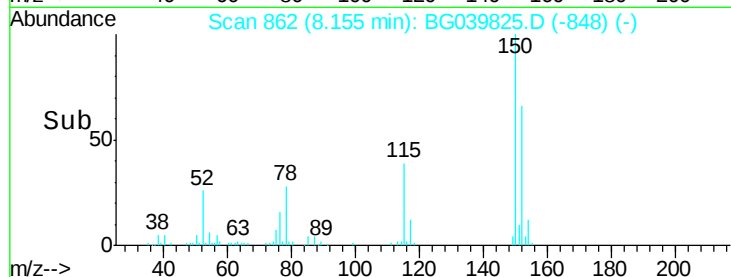
115 59.0 45.9 68.9



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: 152.820 ng

RT: 5.70 min Scan# 444

Delta R.T. -0.01 min

Lab File: BG039825.D

Acq: 8 Mar 2019 17:36

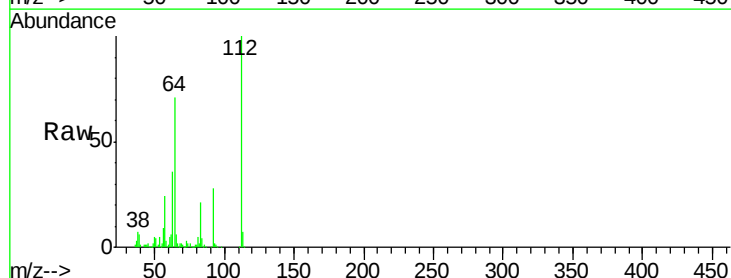
Tgt Ion:112 Resp: 358811

Ion Ratio Lower Upper

112 100

64 70.9 57.8 86.8

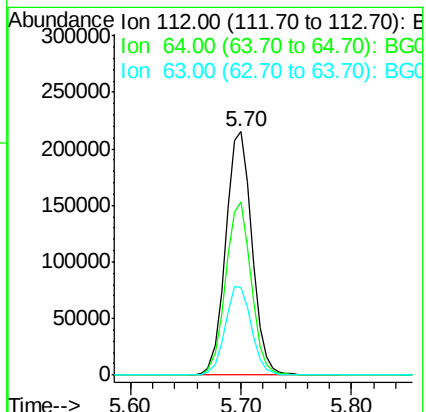
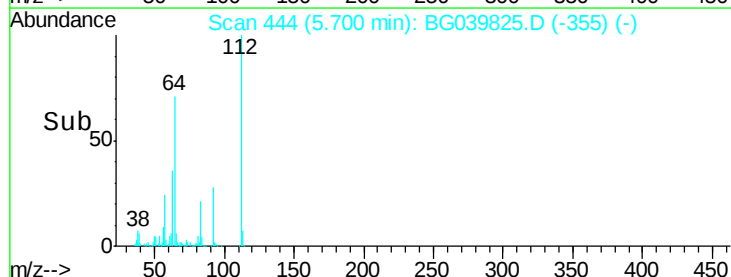
63 35.8 29.8 44.6

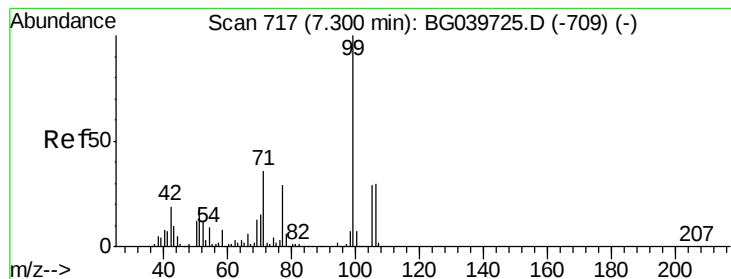


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 153.758 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039825.D

Acq: 8 Mar 2019 17:36

Instrument :

BNA_G

ClientSampled :

TP-6

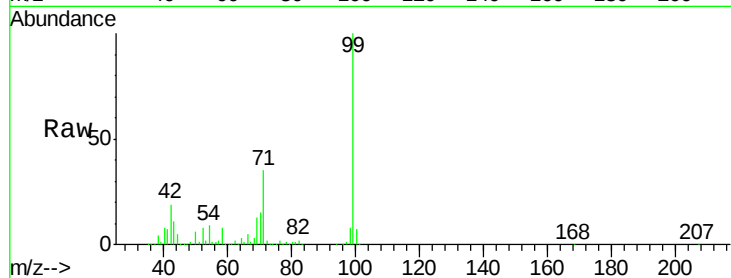
Tgt Ion: 99 Resp: 538292

Ion Ratio Lower Upper

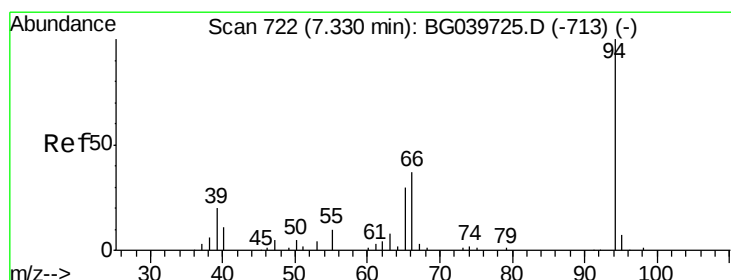
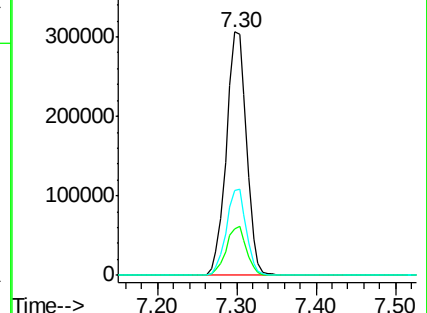
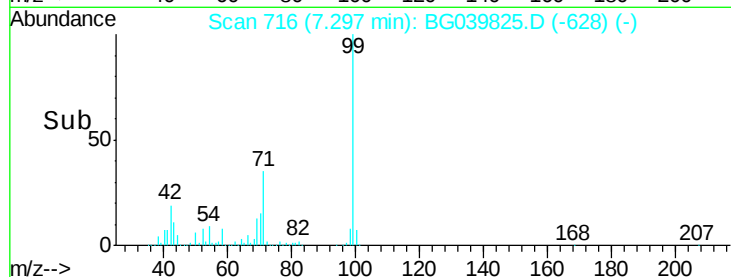
99 100

42 19.0 18.2 27.2

71 34.9 28.0 42.0



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



#10

Phenol

Concen: 2.345 ng

RT: 7.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BG039825.D

Acq: 8 Mar 2019 17:36

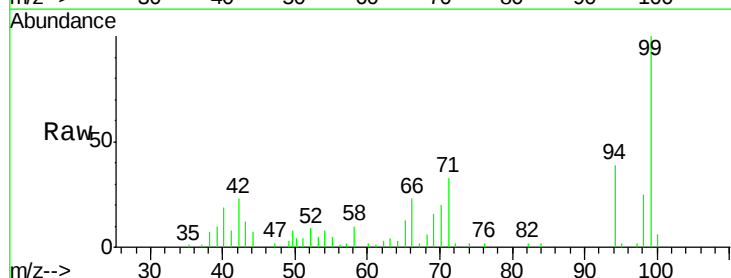
Tgt Ion: 94 Resp: 8895

Ion Ratio Lower Upper

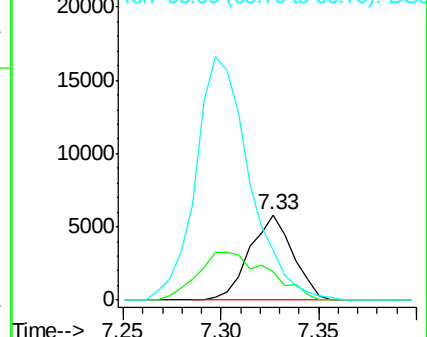
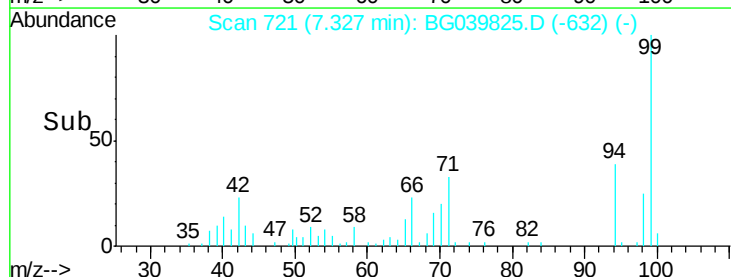
94 100

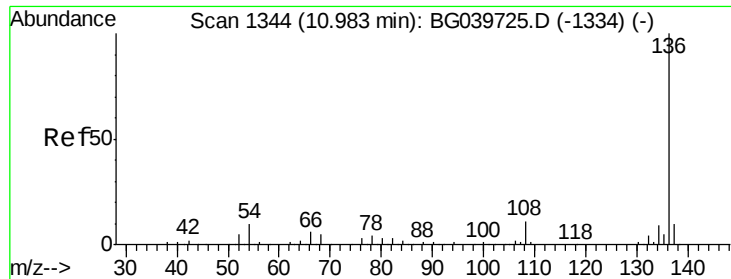
65 34.1 11.7 51.7

66 59.0 23.7 63.7



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

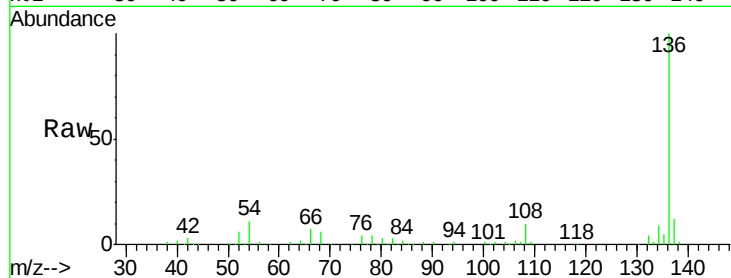




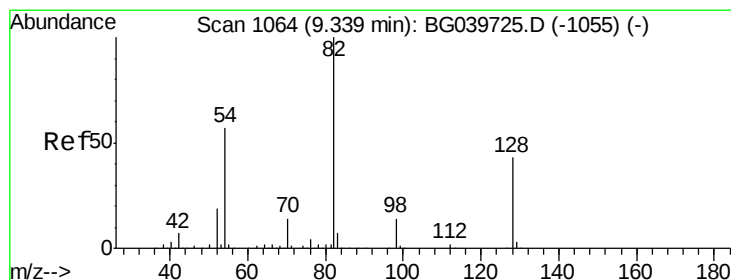
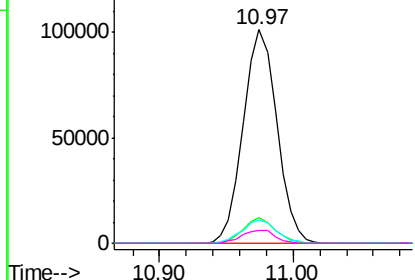
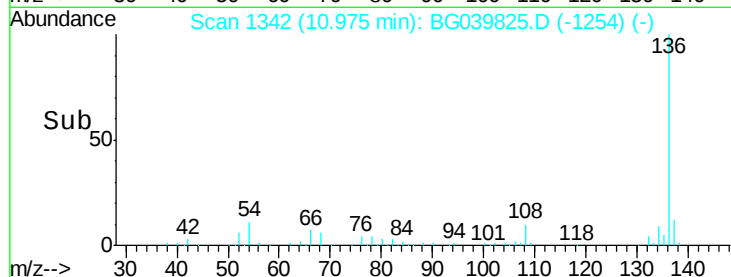
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BG039825.D
Acq: 8 Mar 2019 17:36

Instrument :
BNA_G
ClientSampleId :
TP-6

Tgt Ion:	136	Resp:	176707
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.1	13.7
54	11.0	9.4	14.2
68	6.1	4.2	6.4

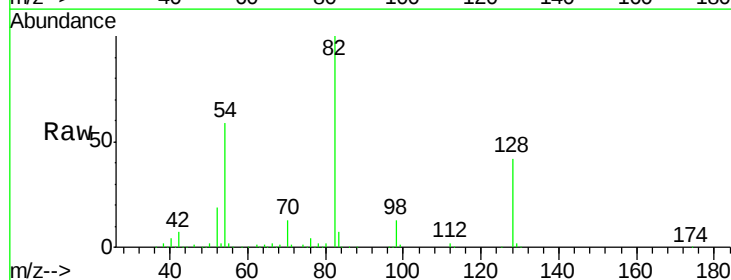


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

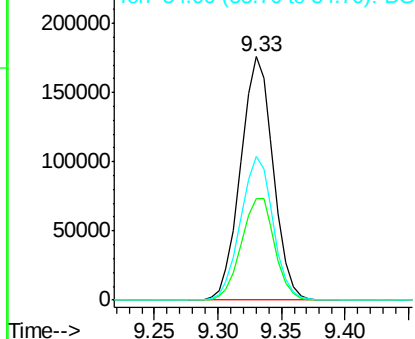
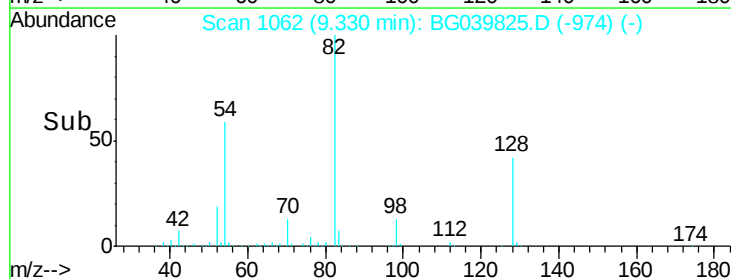


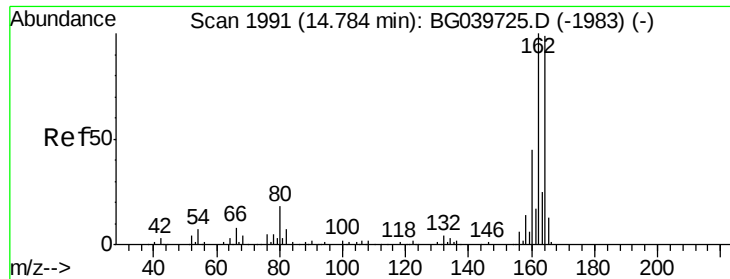
#23
Nitrobenzene-d5
Concen: 95.701 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BG039825.D
Acq: 8 Mar 2019 17:36

Tgt Ion:	82	Resp:	312681
Ion	Ratio	Lower	Upper
82	100		
128	41.9	31.3	46.9
54	59.2	50.9	76.3



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG039825.D

Acq: 8 Mar 2019 17:36

Instrument :

BNA_G

ClientSampleId :

TP-6

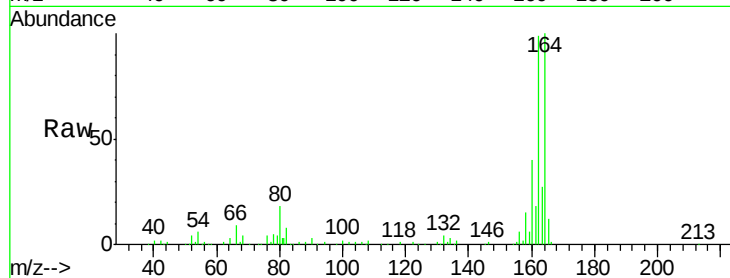
Tgt Ion:164 Resp: 124540

Ion Ratio Lower Upper

164 100

162 98.8 81.6 122.4

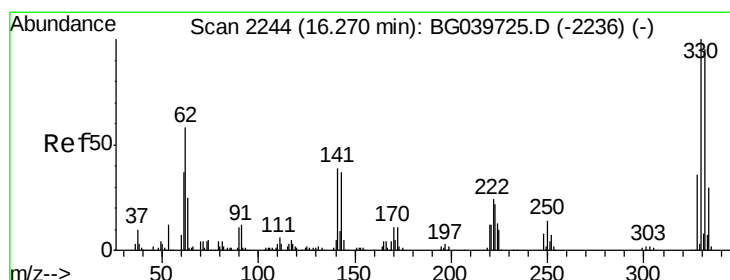
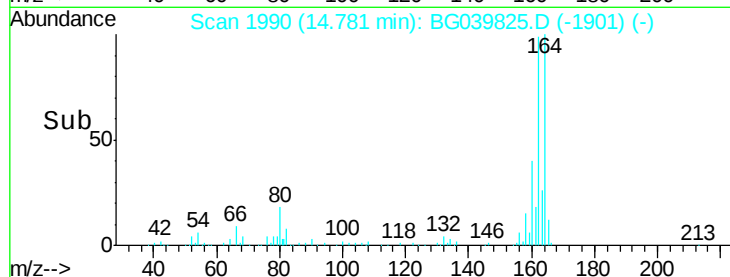
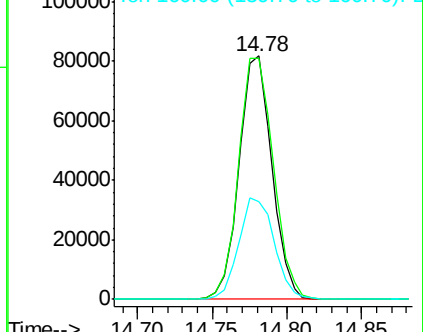
160 40.0 34.2 51.2



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



#42

2,4,6-Tribromophenol

Concen: 151.799 ng

RT: 16.27 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BG039825.D

Acq: 8 Mar 2019 17:36

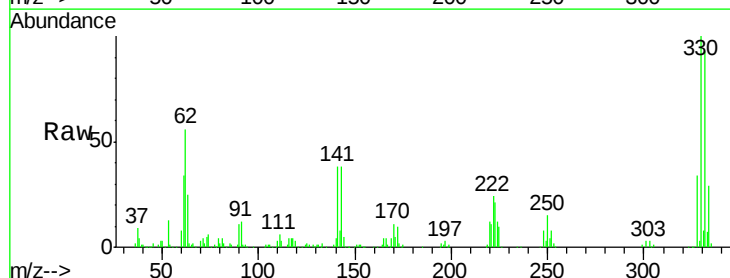
Tgt Ion:330 Resp: 220352

Ion Ratio Lower Upper

330 100

332 95.3 75.7 113.5

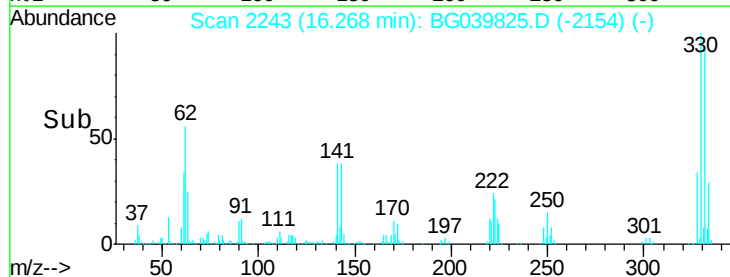
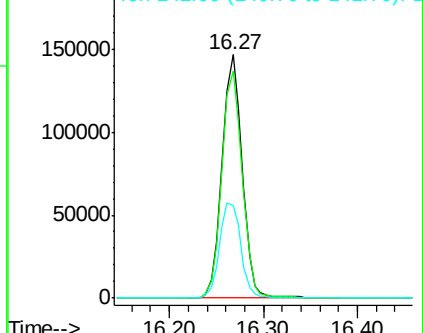
141 41.5 35.6 53.4

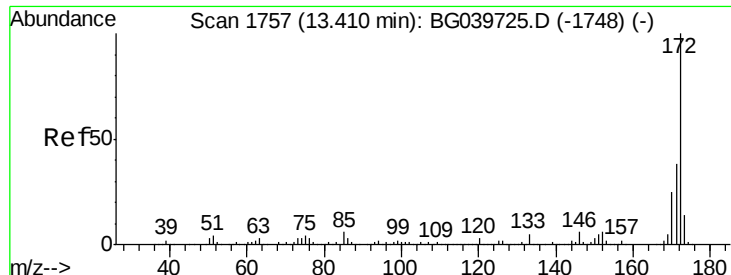


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

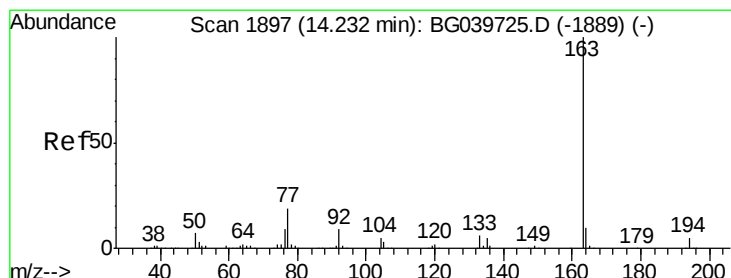
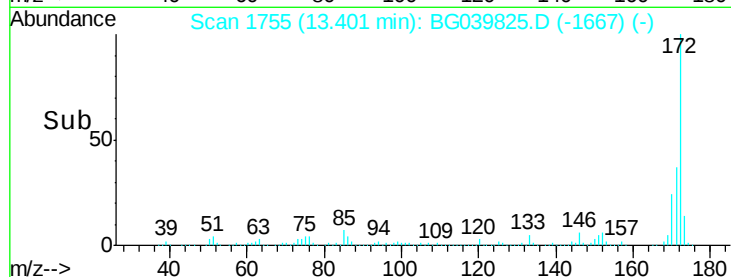
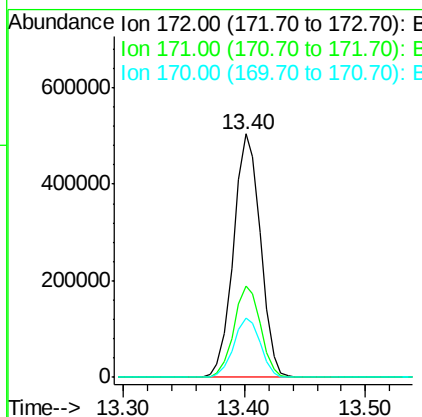
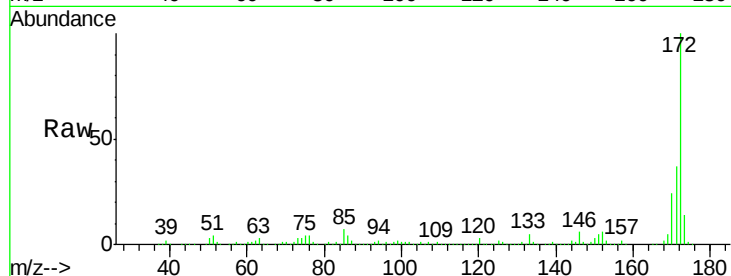




#45
 2-Fluorobiphenyl
 Concen: 89.430 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.02 min
 Lab File: BG039825.D
 Acq: 8 Mar 2019 17:36

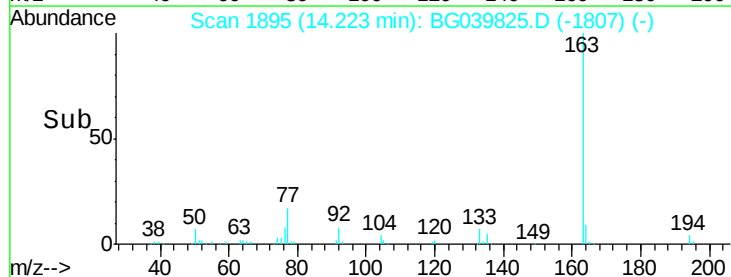
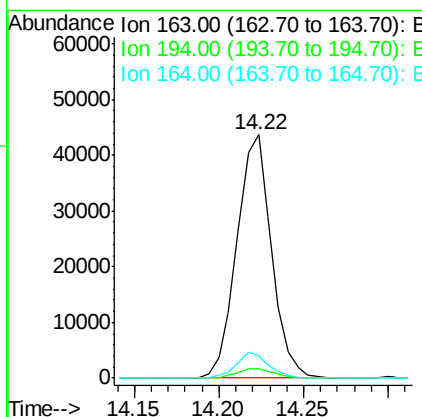
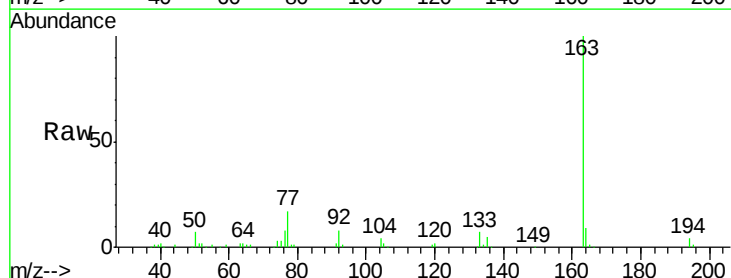
Instrument :
 BNA_G
 ClientSampleId :
 TP-6

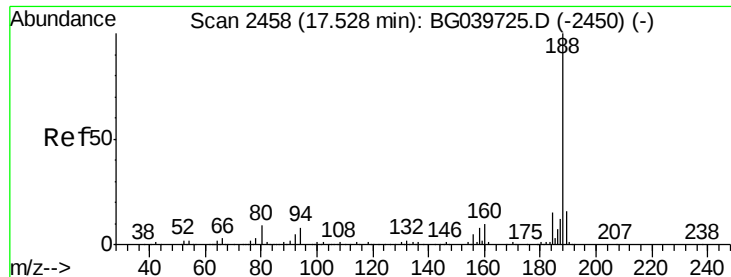
Tgt Ion:172 Resp: 782230
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.8 46.2
 170 24.4 20.2 30.4



#50
 Dimethylphthalate
 Concen: 5.983 ng
 RT: 14.22 min Scan# 1895
 Delta R.T. -0.02 min
 Lab File: BG039825.D
 Acq: 8 Mar 2019 17:36

Tgt Ion:163 Resp: 62308
 Ion Ratio Lower Upper
 163 100
 194 3.9 3.6 5.4
 164 8.9 8.4 12.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2457

Delta R.T. -0.01 min

Lab File: BG039825.D

Acq: 8 Mar 2019 17:36

Instrument :

BNA_G

ClientSampled :

TP-6

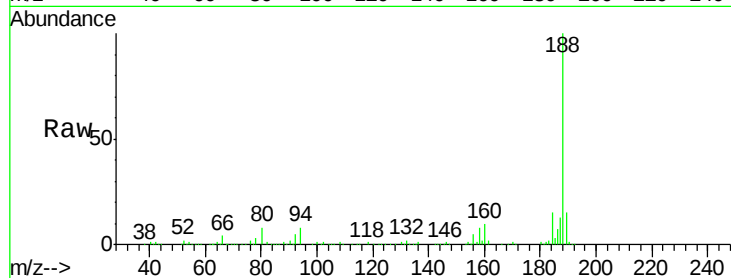
Tgt Ion:188 Resp: 308016

Ion Ratio Lower Upper

188 100

94 8.4 6.9 10.3

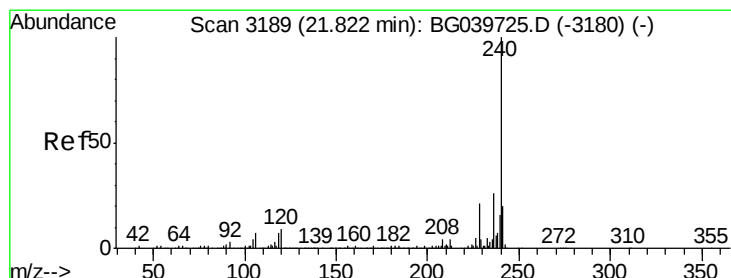
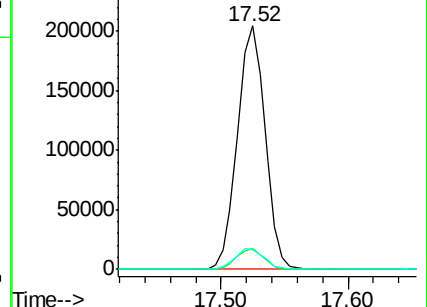
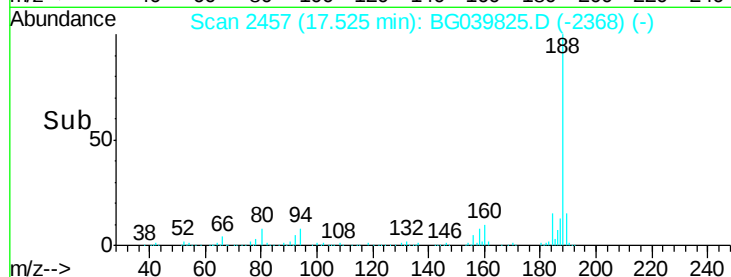
80 7.8 8.1 12.1#



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.81 min Scan# 3187

Delta R.T. -0.02 min

Lab File: BG039825.D

Acq: 8 Mar 2019 17:36

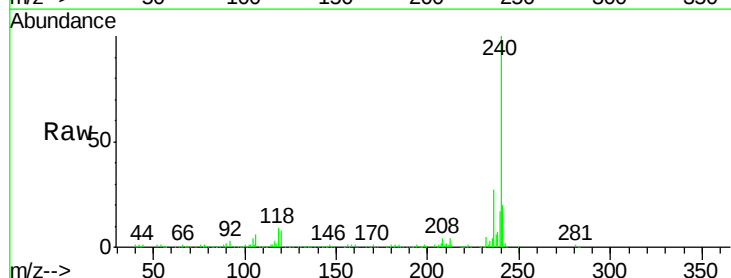
Tgt Ion:240 Resp: 309039

Ion Ratio Lower Upper

240 100

120 8.2 7.0 10.6

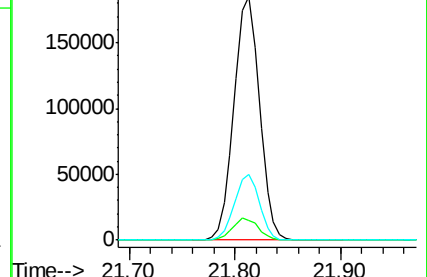
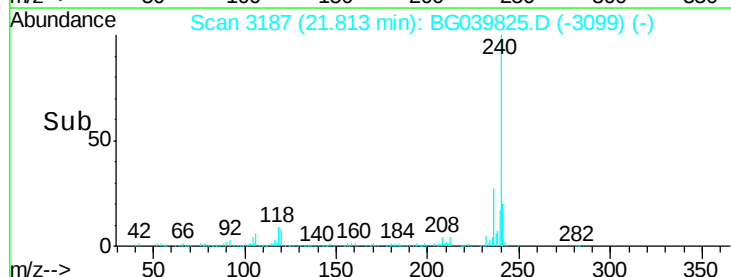
236 26.8 21.0 31.4

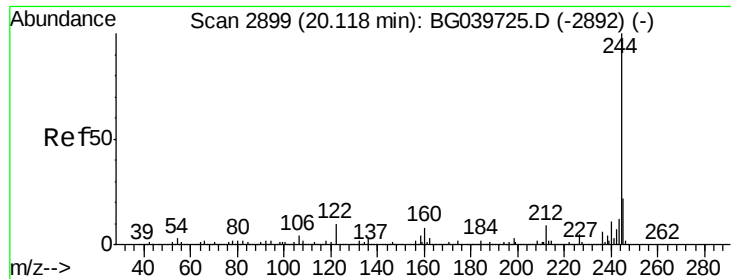


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 83.996 ng

RT: 20.12 min Scan# 2898

Delta R.T. -0.01 min

Lab File: BG039825.D

Acq: 8 Mar 2019 17:36

Instrument :

BNA_G

ClientSampled :

TP-6

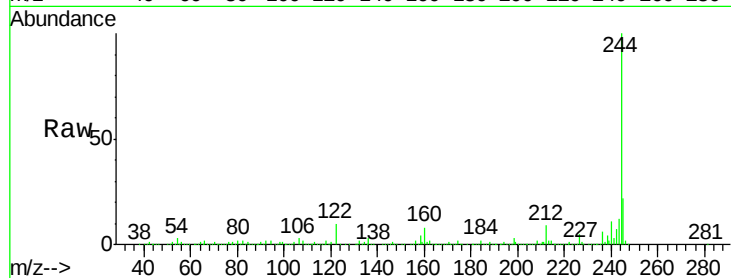
Tgt Ion:244 Resp: 1178940

Ion Ratio Lower Upper

244 100

212 8.9 7.3 10.9

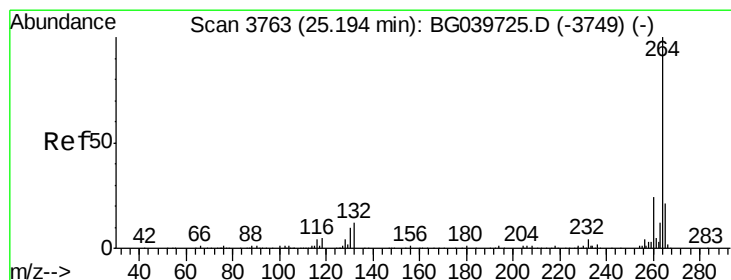
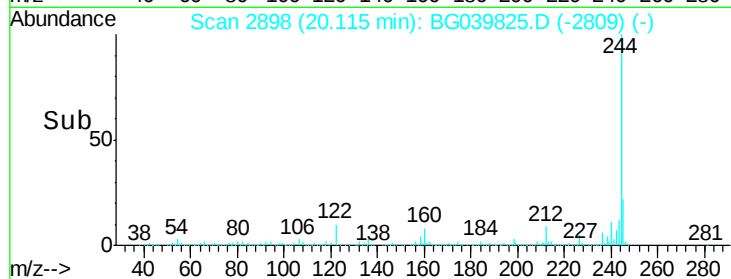
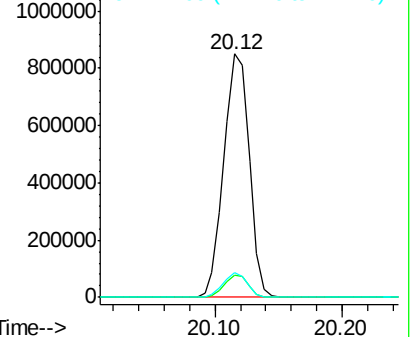
122 10.4 8.4 12.6



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.18 min Scan# 3760

Delta R.T. -0.02 min

Lab File: BG039825.D

Acq: 8 Mar 2019 17:36

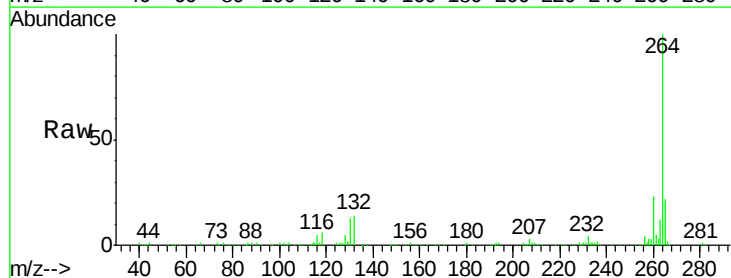
Tgt Ion:264 Resp: 313202

Ion Ratio Lower Upper

264 100

260 23.2 18.2 27.4

265 21.5 18.5 27.7



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

