

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030419\
 Data File : BG039740.D
 Acq On : 4 Mar 2019 20:48
 Operator : JU/SJ
 Sample : K1714-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-B-8-11

Quant Time: Mar 05 06:47:22 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

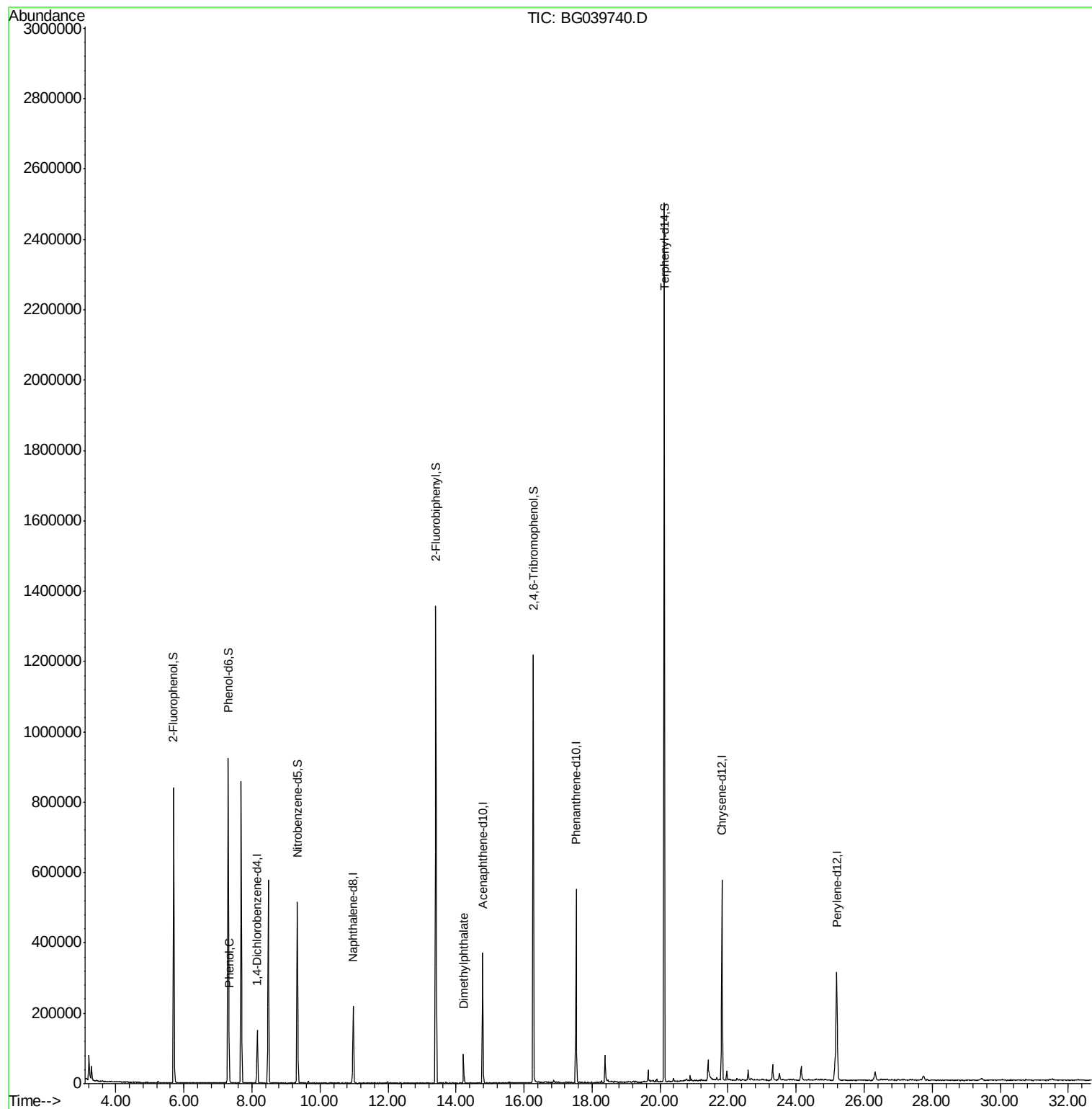
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	42180	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	187511	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	129130	20.00	ng	-0.01
64) Phenanthrene-d10	17.53	188	333260	20.00	ng	0.00
76) Chrysene-d12	21.82	240	347864	20.00	ng	-0.01
87) Perylene-d12	25.19	264	344817	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	361763	146.32	ng	0.00
7) Phenol-d6	7.30	99	530366	143.87	ng	-0.01
23) Nitrobenzene-d5	9.33	82	308448	88.97	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	217549	144.54	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	709998	78.29	ng	-0.01
79) Terphenyl-d14	20.12	244	1187171	75.14	ng	0.00
Target Compounds						
10) Phenol	7.33	94	20239	5.068	ng	94
50) Dimethylphthalate	14.22	163	56227	5.207	ng	98

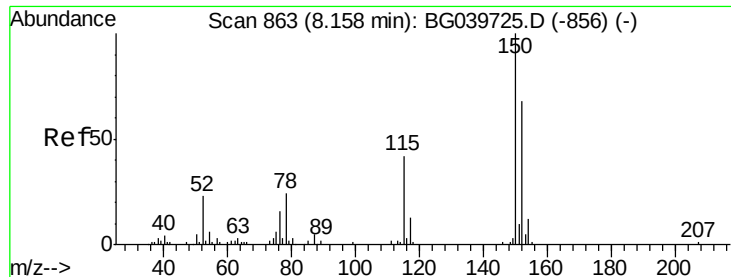
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Mar 04 14:38:15 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: BG039740.D

Acq: 4 Mar 2019 20:48

Instrument :

BNA_G

ClientSampleId :

SB-B-8-11

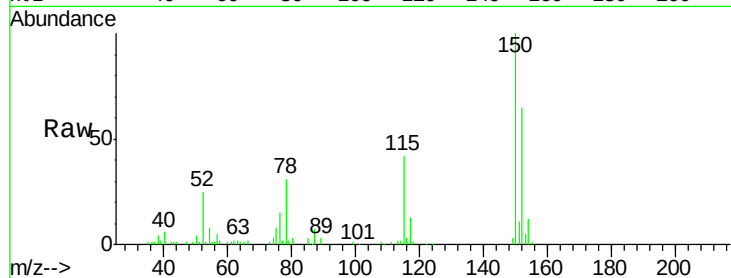
Tgt Ion:152 Resp: 42180

Ion Ratio Lower Upper

152 100

150 153.7 123.7 185.5

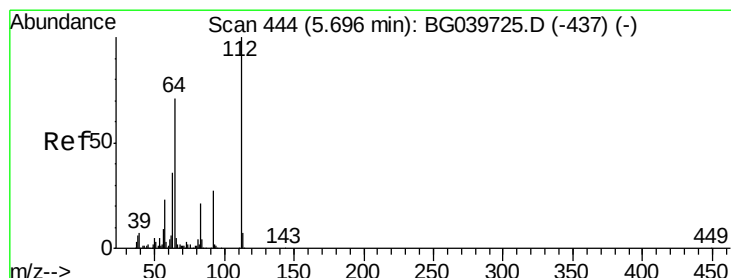
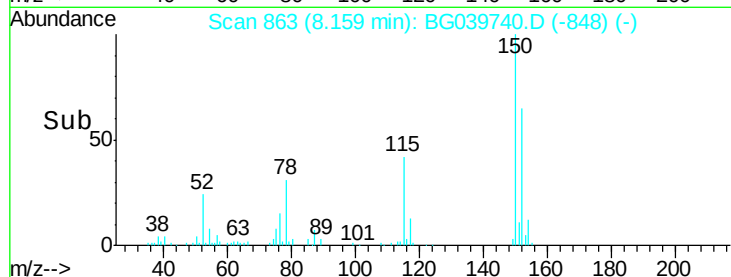
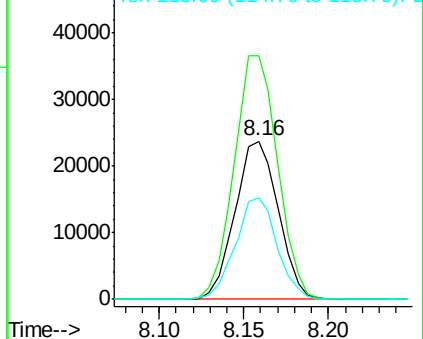
115 64.3 45.9 68.9



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: 146.318 ng

RT: 5.70 min Scan# 445

Delta R.T. -0.01 min

Lab File: BG039740.D

Acq: 4 Mar 2019 20:48

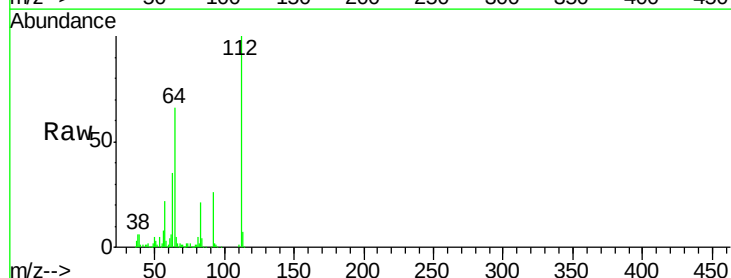
Tgt Ion:112 Resp: 361763

Ion Ratio Lower Upper

112 100

64 65.6 57.8 86.8

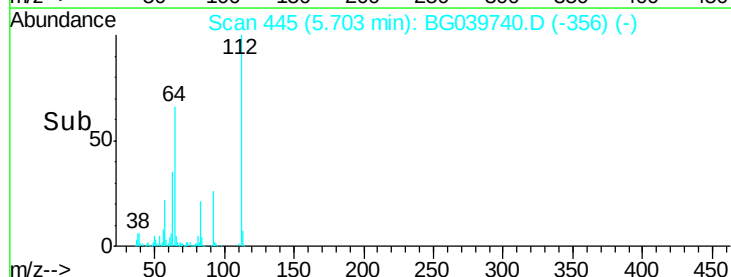
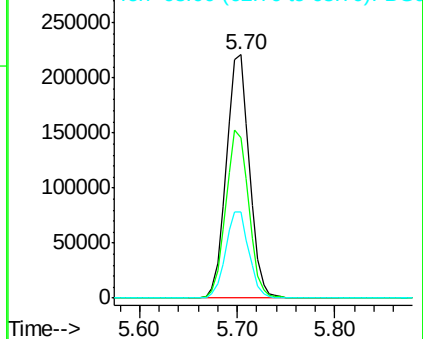
63 35.3 29.8 44.6

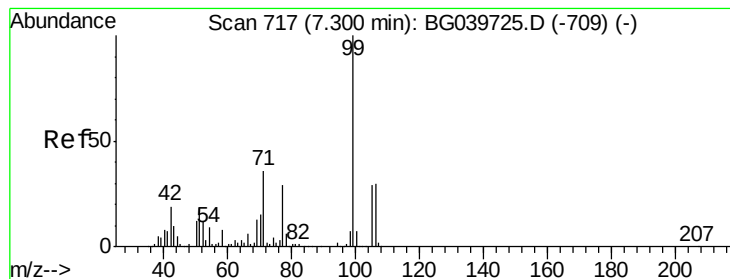


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 143.865 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039740.D

Acq: 4 Mar 2019 20:48

Instrument :

BNA_G

ClientSampleId :

SB-B-8-11

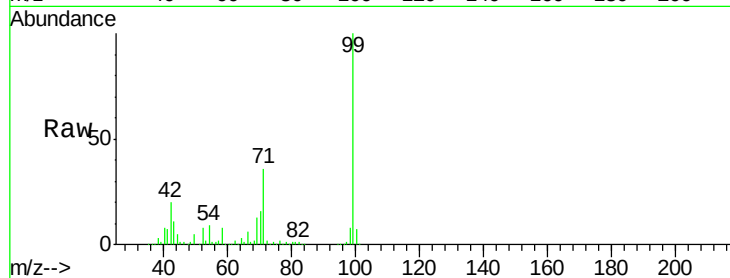
Tgt Ion: 99 Resp: 530366

Ion Ratio Lower Upper

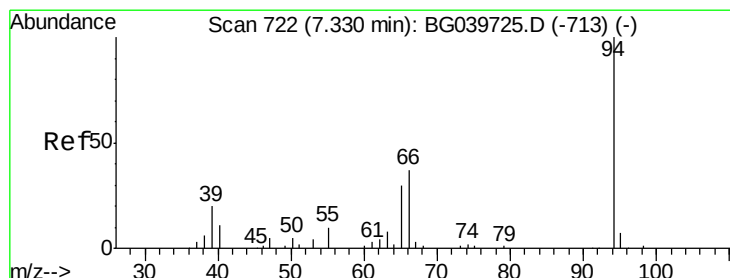
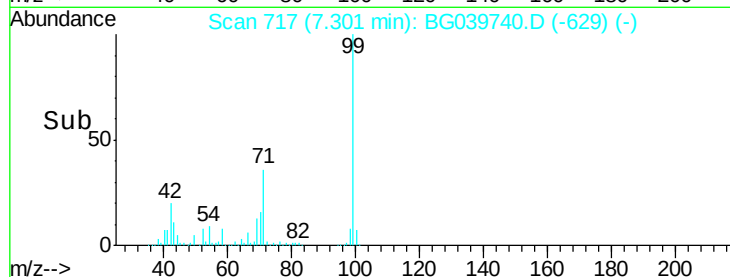
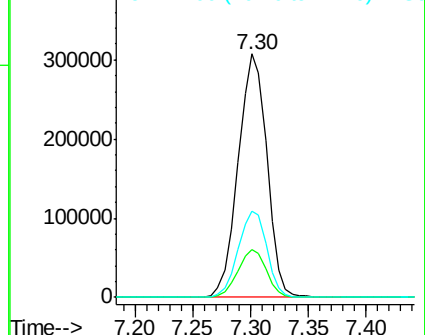
99 100

42 19.8 18.2 27.2

71 35.5 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: 5.068 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BG039740.D

Acq: 4 Mar 2019 20:48

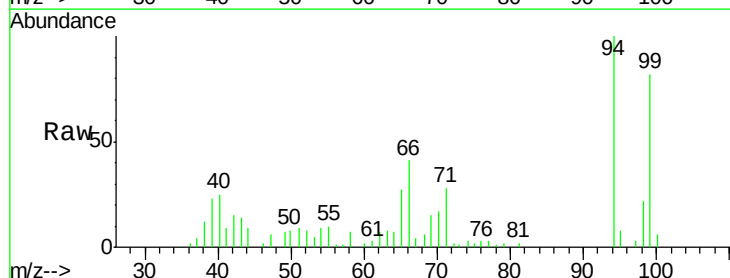
Tgt Ion: 94 Resp: 20239

Ion Ratio Lower Upper

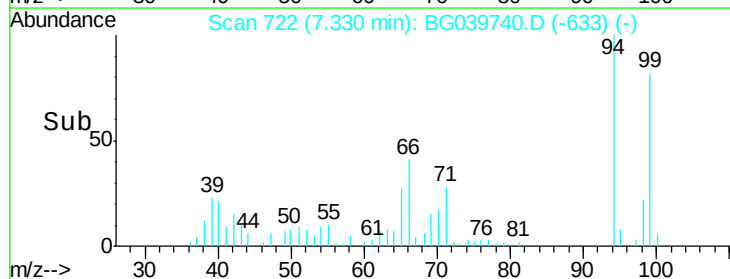
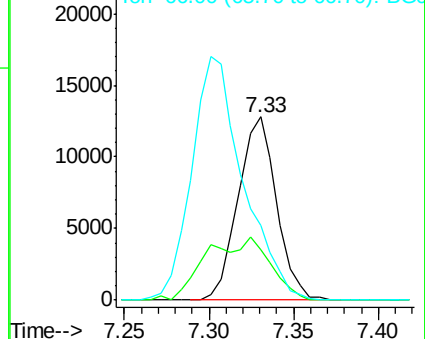
94 100

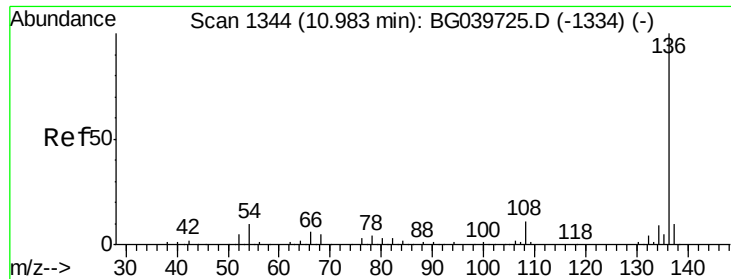
65 27.2 11.7 51.7

66 41.0 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

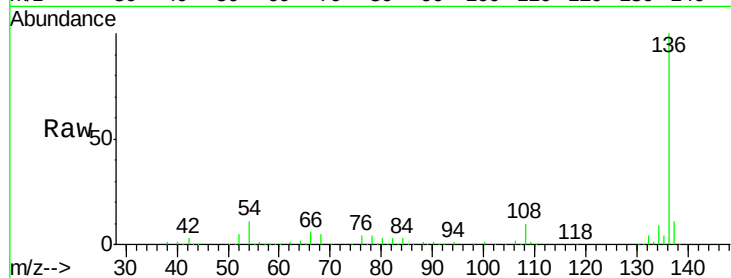




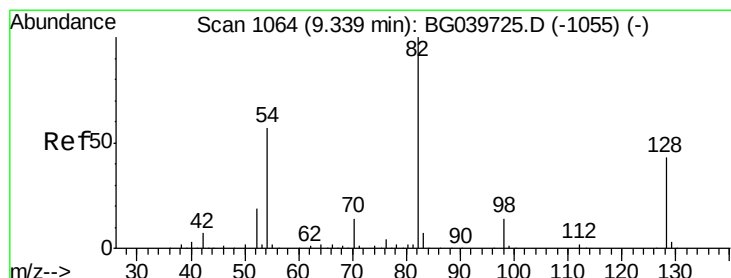
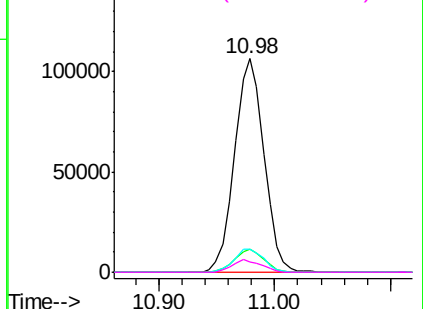
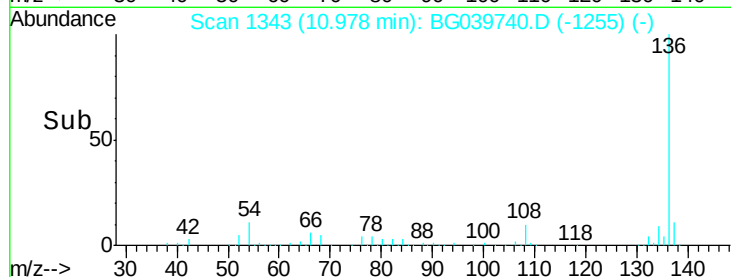
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039740.D
Acq: 4 Mar 2019 20:48

Instrument :
BNA_G
ClientSampleId :
SB-B-8-11

Tgt Ion: 136 Resp: 187511
Ion Ratio Lower Upper
136 100
137 10.5 9.1 13.7
54 11.0 9.4 14.2
68 4.7 4.2 6.4

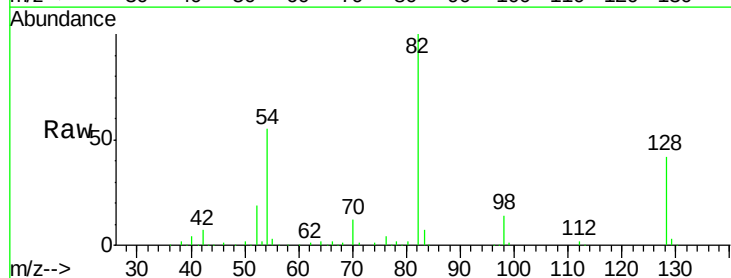


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

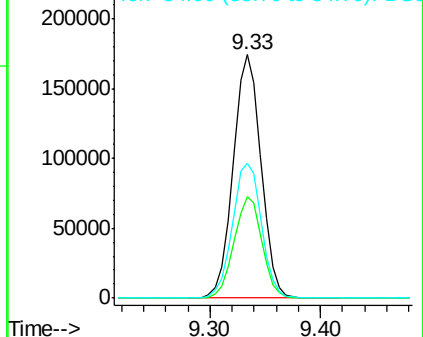
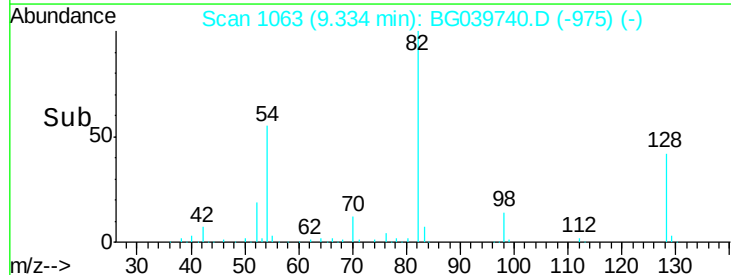


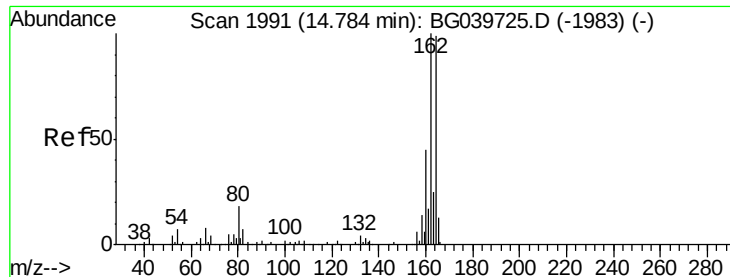
#23
Nitrobenzene-d5
Concen: 88.966 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039740.D
Acq: 4 Mar 2019 20:48

Tgt Ion: 82 Resp: 308448
Ion Ratio Lower Upper
82 100
128 41.8 31.3 46.9
54 55.5 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: BG039740.D

Acq: 4 Mar 2019 20:48

Instrument :

BNA_G

ClientSampleId :

SB-B-8-11

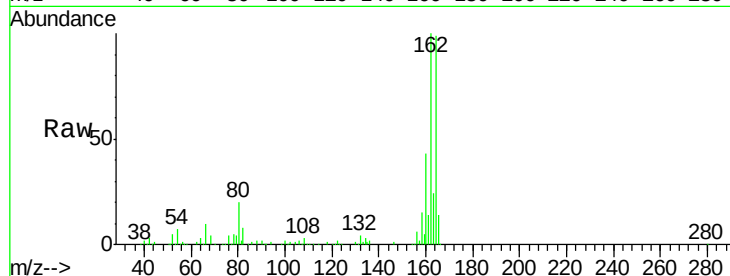
Tgt Ion:164 Resp: 129130

Ion Ratio Lower Upper

164 100

162 100.5 81.6 122.4

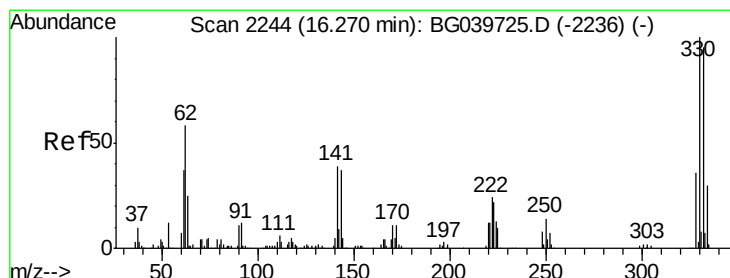
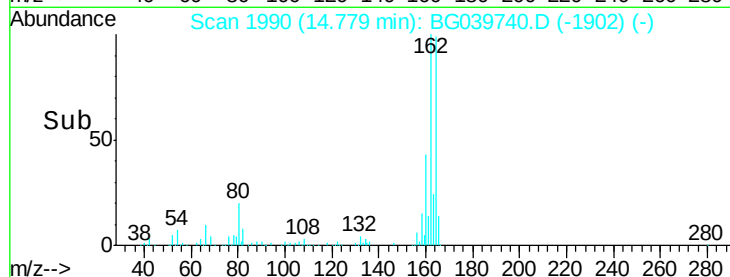
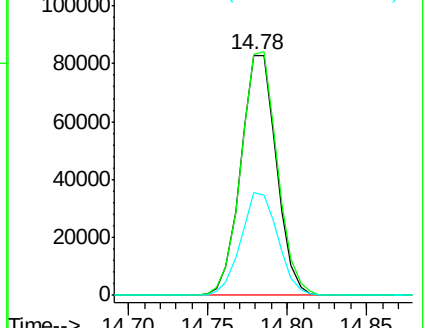
160 42.8 34.2 51.2



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: 144.541 ng

RT: 16.27 min Scan# 2244

Delta R.T. -0.01 min

Lab File: BG039740.D

Acq: 4 Mar 2019 20:48

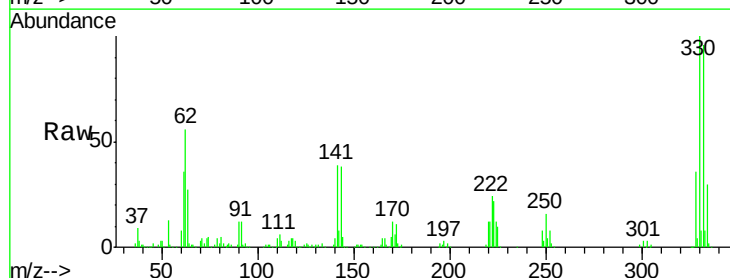
Tgt Ion:330 Resp: 217549

Ion Ratio Lower Upper

330 100

332 96.3 75.7 113.5

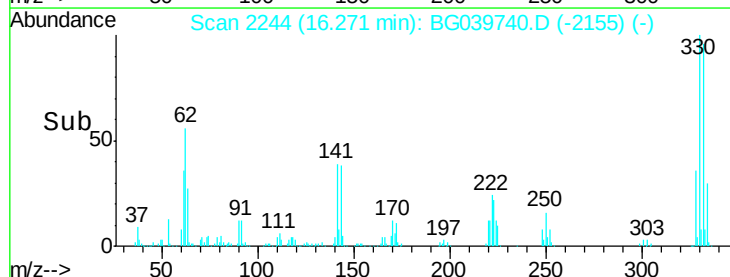
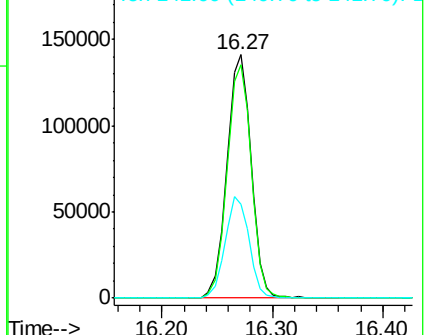
141 41.2 35.6 53.4

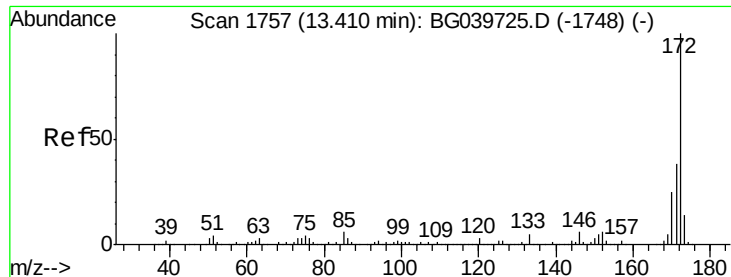


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

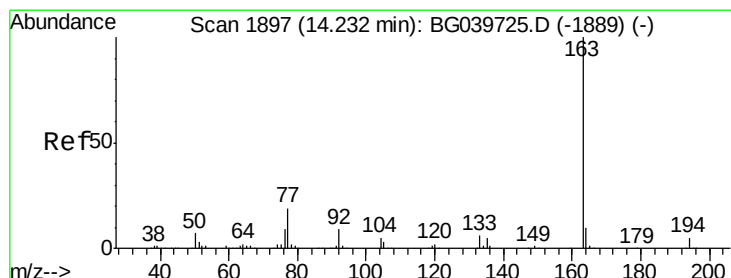
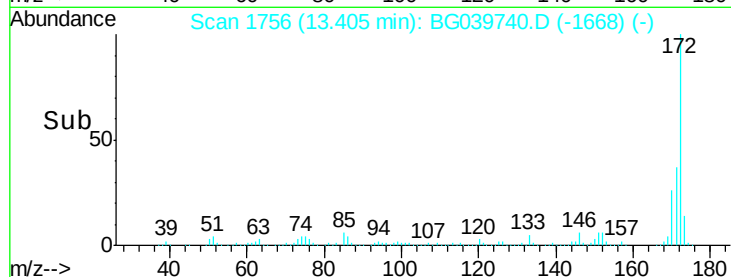
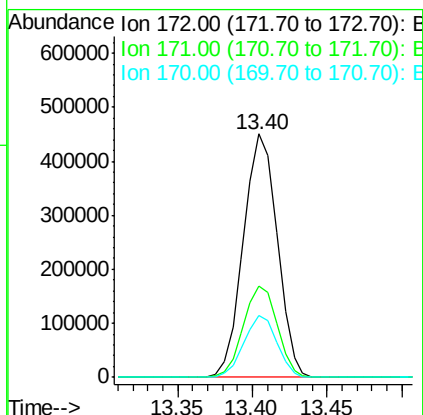
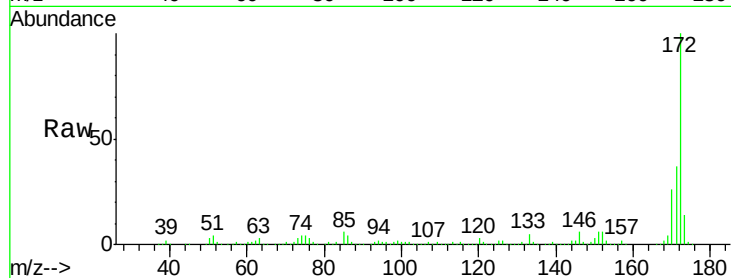




#45
2-Fluorobiphenyl
Concen: 78.287 ng
RT: 13.40 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG039740.D
Acq: 4 Mar 2019 20:48

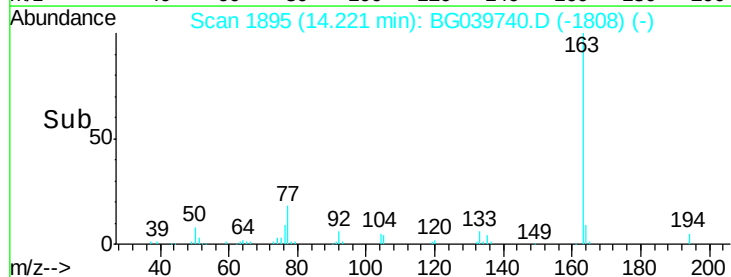
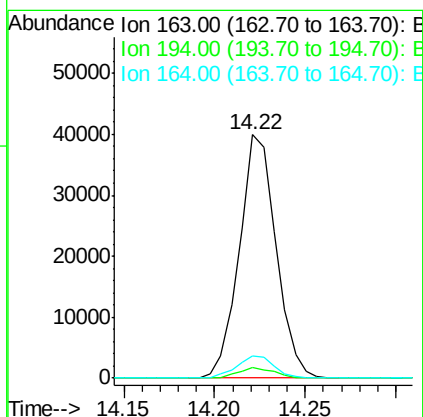
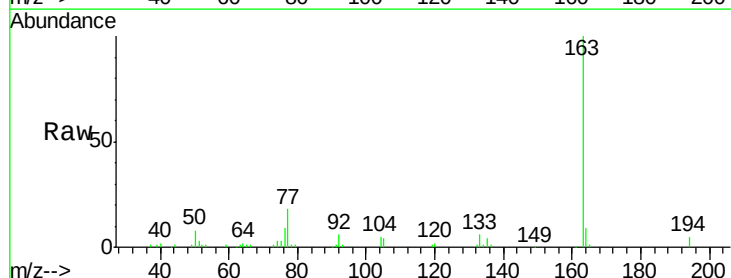
Instrument :
BNA_G
ClientSampleId :
SB-B-8-11

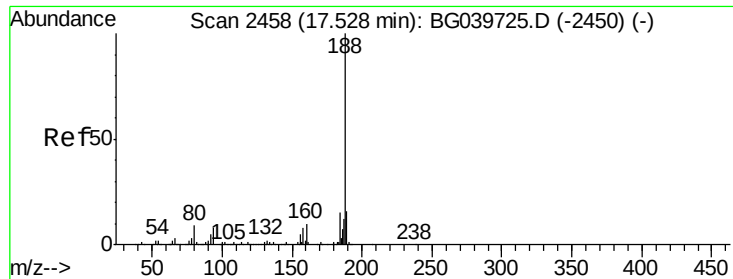
Tgt Ion:172 Resp: 709998
Ion Ratio Lower Upper
172 100
171 37.5 30.8 46.2
170 25.6 20.2 30.4



#50
Dimethylphthalate
Concen: 5.207 ng
RT: 14.22 min Scan# 1895
Delta R.T. -0.02 min
Lab File: BG039740.D
Acq: 4 Mar 2019 20:48

Tgt Ion:163 Resp: 56227
Ion Ratio Lower Upper
163 100
194 4.6 3.6 5.4
164 9.2 8.4 12.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.53 min Scan# 2458

Delta R.T. -0.01 min

Lab File: BG039740.D

Acq: 4 Mar 2019 20:48

Instrument :

BNA_G

ClientSampleId :

SB-B-8-11

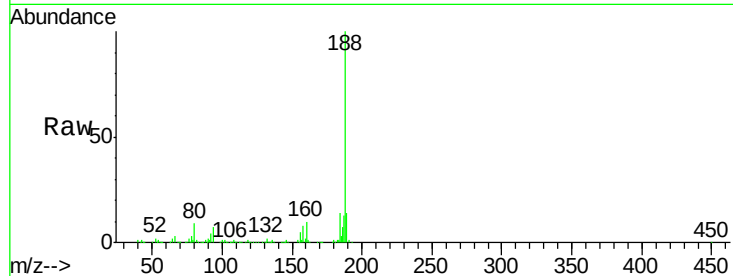
Tgt Ion:188 Resp: 333260

Ion Ratio Lower Upper

188 100

94 7.3 6.9 10.3

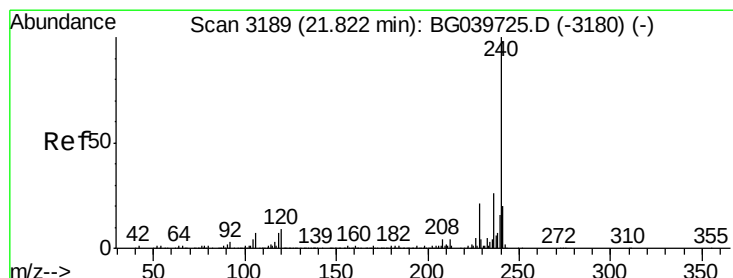
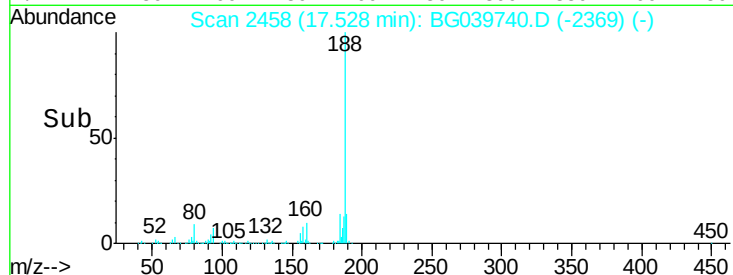
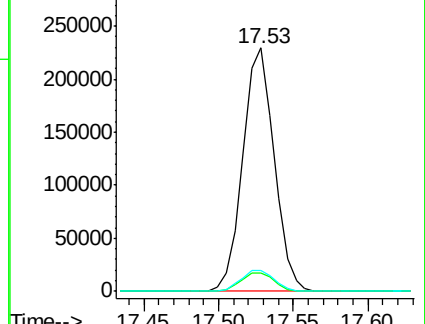
80 8.6 8.1 12.1



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: 21.82 min Scan# 3188

Delta R.T. -0.01 min

Lab File: BG039740.D

Acq: 4 Mar 2019 20:48

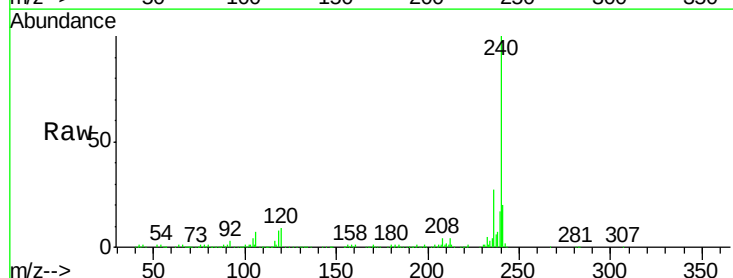
Tgt Ion:240 Resp: 347864

Ion Ratio Lower Upper

240 100

120 9.0 7.0 10.6

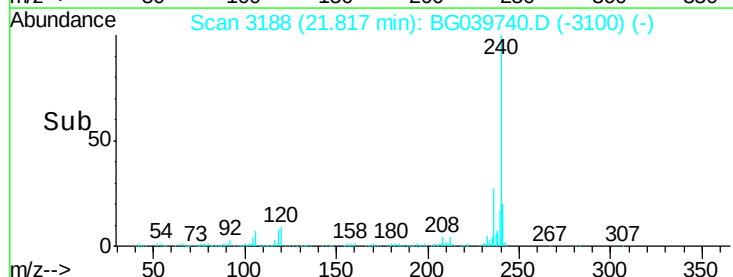
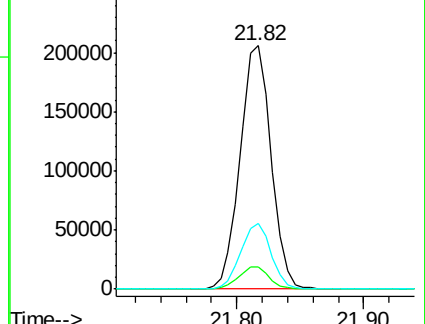
236 26.7 21.0 31.4

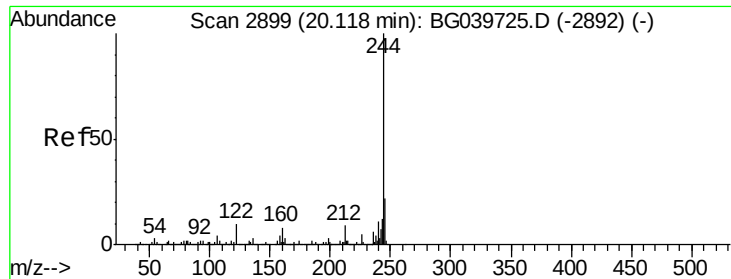


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 75.142 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG039740.D

Acq: 4 Mar 2019 20:48

Instrument :

BNA_G

ClientSampled :

SB-B-8-11

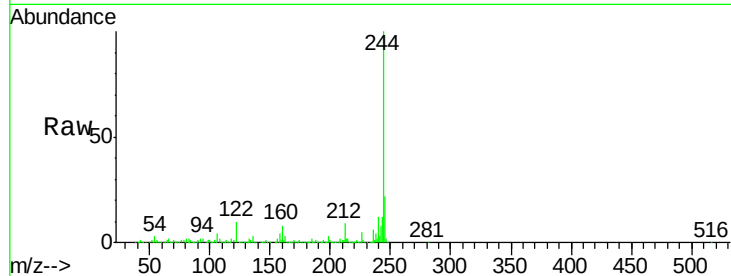
Tgt Ion:244 Resp: 1187171

Ion Ratio Lower Upper

244 100

212 9.0 7.3 10.9

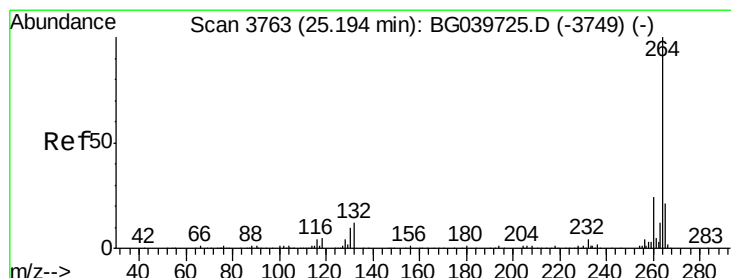
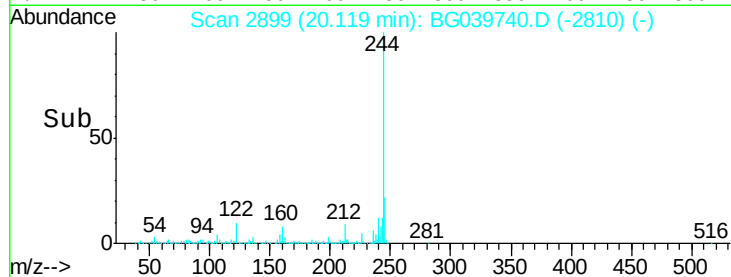
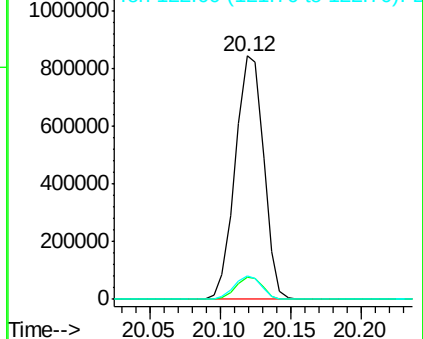
122 9.9 8.4 12.6



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: 25.19 min Scan# 3762

Delta R.T. -0.01 min

Lab File: BG039740.D

Acq: 4 Mar 2019 20:48

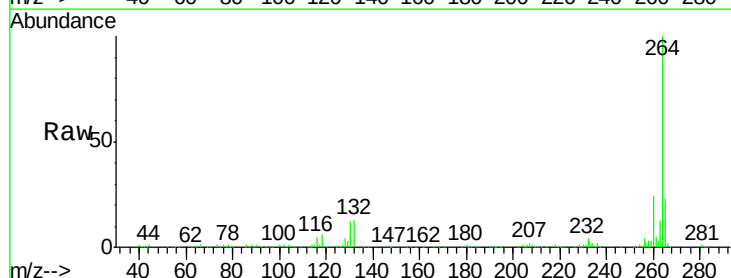
Tgt Ion:264 Resp: 344817

Ion Ratio Lower Upper

264 100

260 24.4 18.2 27.4

265 22.9 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

