

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032619\
 Data File : BG040159.D
 Acq On : 26 Mar 2019 22:58
 Operator : JU/SJ
 Sample : K2099-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-C05-SETTLED-1H-B

Quant Time: Mar 27 02:32:37 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

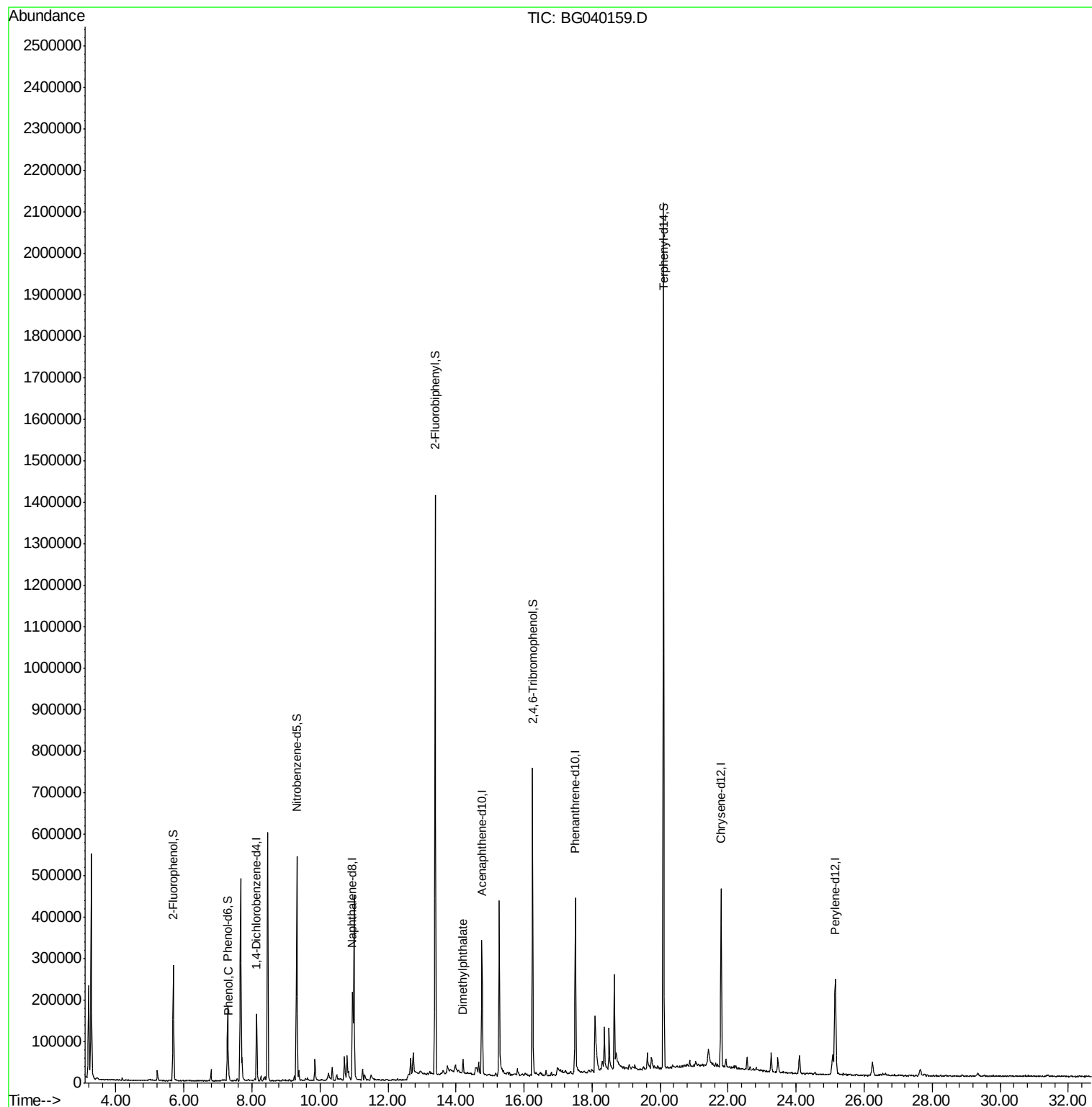
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	44222	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	219262	20.00	ng	-0.03
39) Acenaphthene-d10	14.76	164	114891	20.00	ng	-0.03
64) Phenanthrene-d10	17.51	188	259946	20.00	ng	-0.03
76) Chrysene-d12	21.79	240	265124	20.00	ng	-0.03
87) Perylene-d12	25.15	264	272264	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	118373	45.67	ng	-0.02
7) Phenol-d6	7.28	99	107261	27.75	ng	-0.03
23) Nitrobenzene-d5	9.32	82	328680	81.07	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	131269	98.02	ng	-0.03
45) 2-Fluorobiphenyl	13.39	172	737071	91.34	ng	-0.03
79) Terphenyl-d14	20.10	244	960319	79.75	ng	-0.02
Target Compounds						
10) Phenol	7.31	94	13225	3.159	ng	91
50) Dimethylphthalate	14.20	163	21878	2.277	ng	97

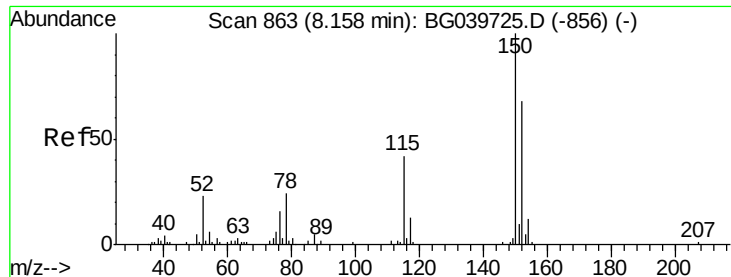
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 860

Delta R.T. -0.03 min

Lab File: BG040159.D

Acq: 26 Mar 2019 22:58

Instrument :

BNA_G

ClientSampleId :

MH-C05-SETTLED-1H-B

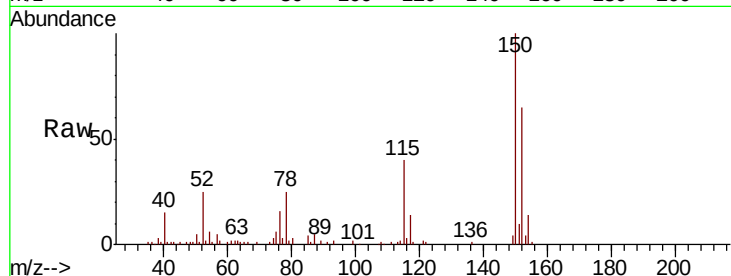
Tot Ion:152 Resp: 44222

Ion Ratio Lower Upper

152 100

150 153.1 123.7 185.5

115 60.5 45.9 68.9

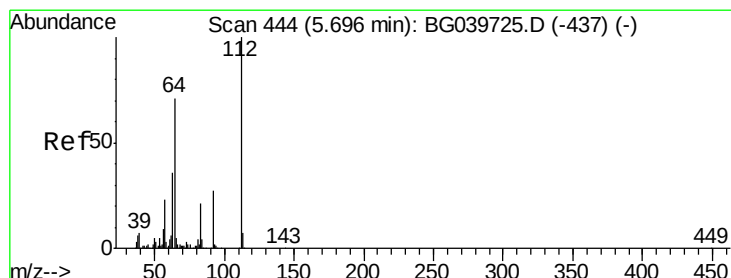
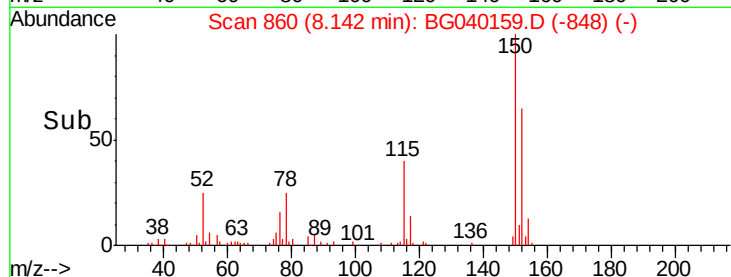
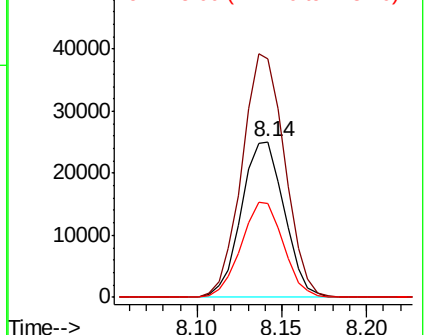


Abundance

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: 45.666 ng

RT: 5.69 min Scan# 442

Delta R.T. -0.02 min

Lab File: BG040159.D

Acq: 26 Mar 2019 22:58

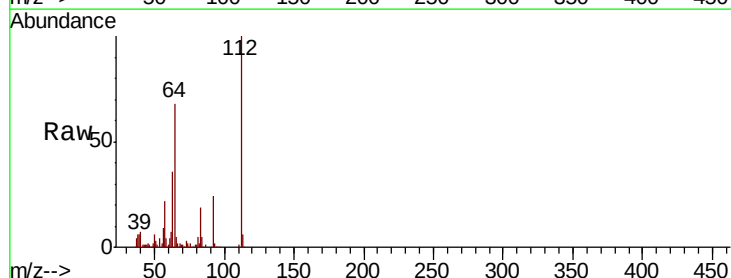
Tgt Ion:112 Resp: 118373

Ion Ratio Lower Upper

112 100

64 68.5 57.8 86.8

63 35.7 29.8 44.6

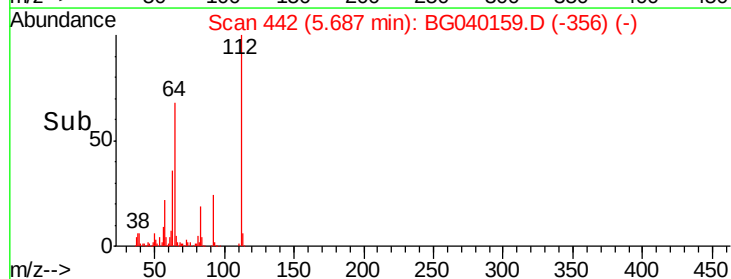
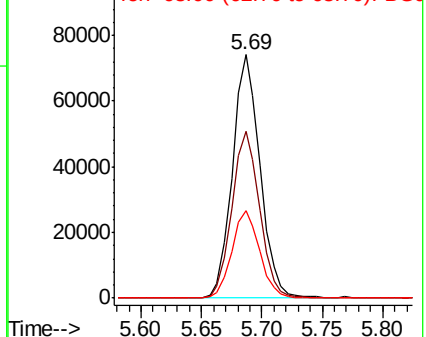


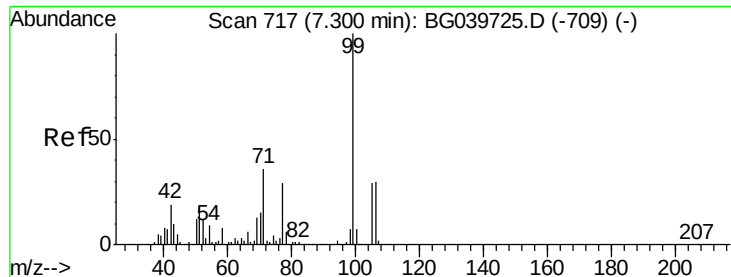
Abundance

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: 27.752 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.03 min

Lab File: BG040159.D

Acq: 26 Mar 2019 22:58

Instrument :

BNA_G

ClientSampleId :

MH-C05-SETTLED-1H-B

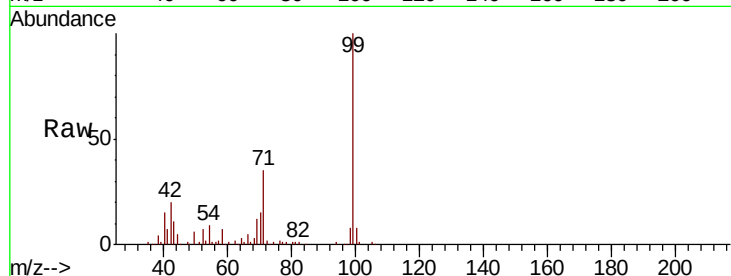
Tot Ion: 99 Resp: 107261

Ion Ratio Lower Upper

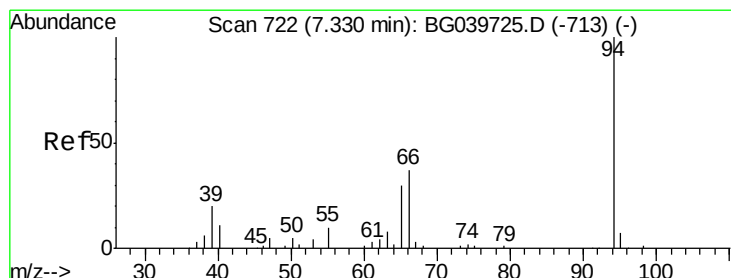
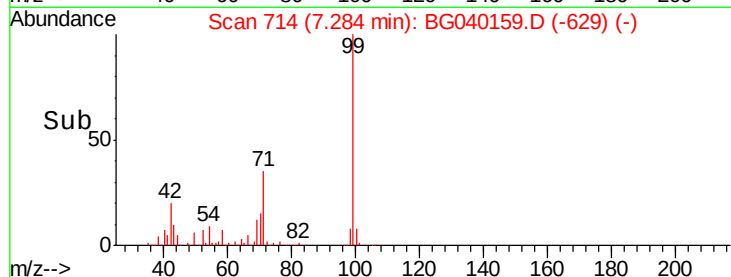
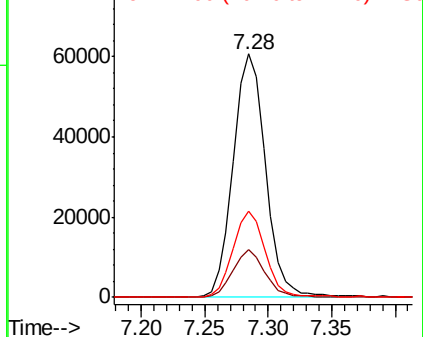
99 100

42 19.6 18.2 27.2

71 35.4 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: 3.159 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.02 min

Lab File: BG040159.D

Acq: 26 Mar 2019 22:58

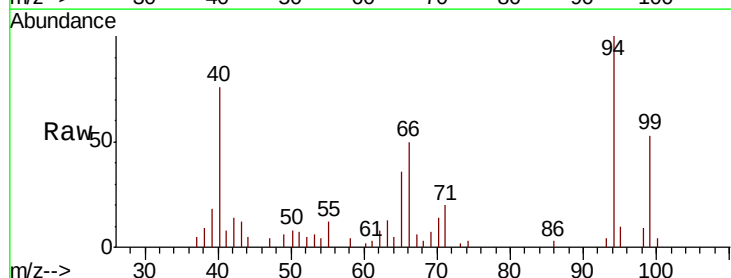
Tgt Ion: 94 Resp: 13225

Ion Ratio Lower Upper

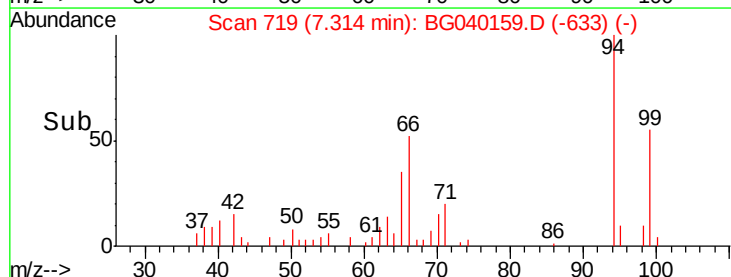
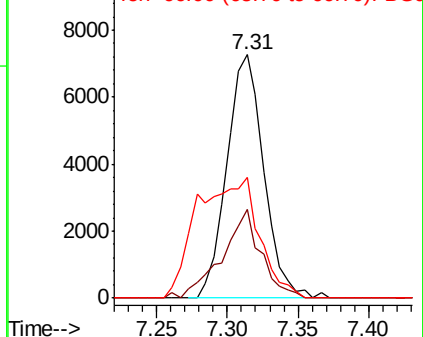
94 100

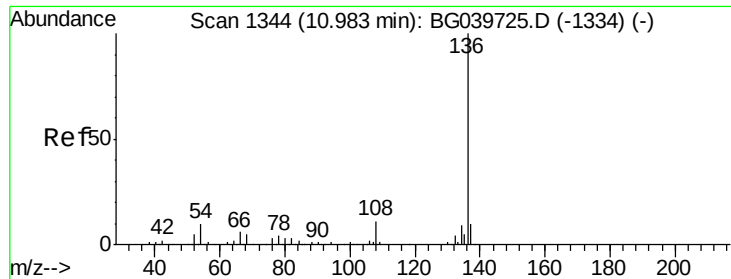
65 36.2 11.7 51.7

66 49.7 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

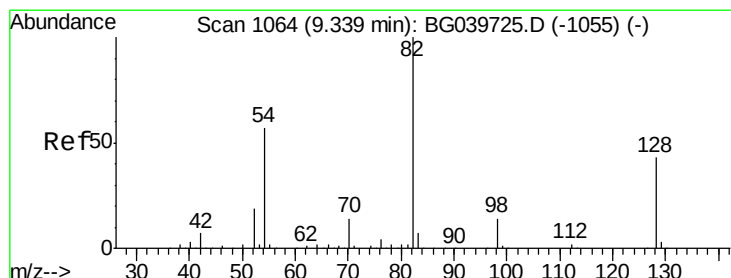
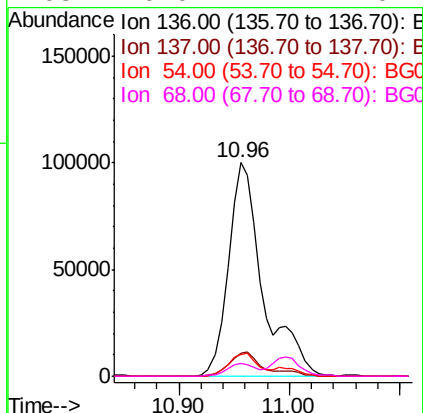
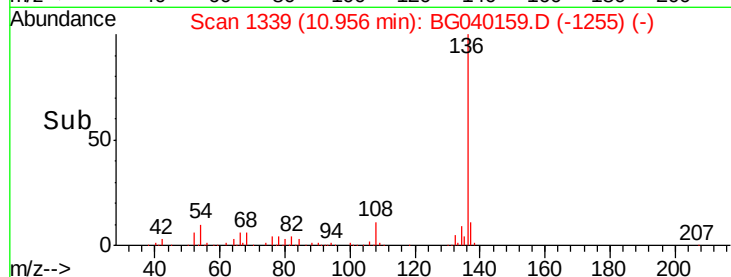
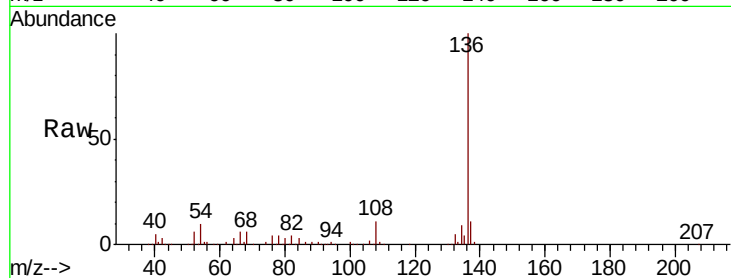




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1339
Delta R.T. -0.03 min
Lab File: BG040159.D
Acq: 26 Mar 2019 22:58

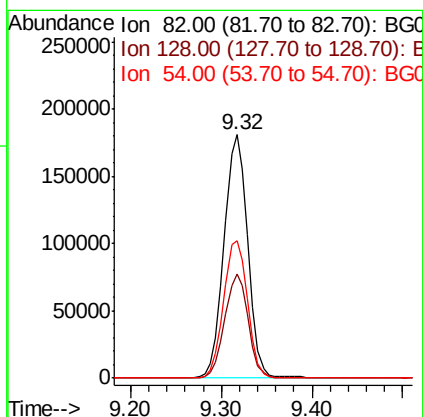
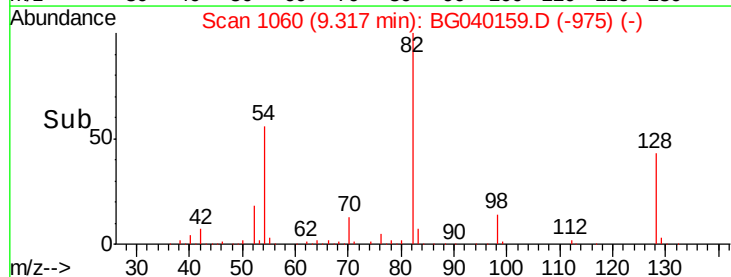
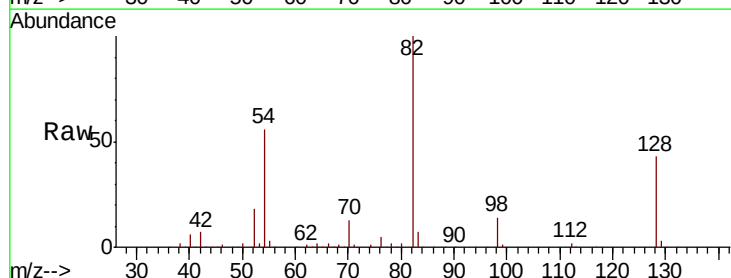
Instrument :
BNA_G
ClientSampleId :
MH-C05-SETTLED-1H-B

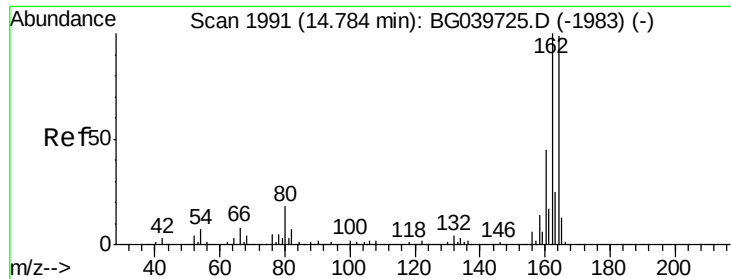
Tot Ion:136	Resp:	219262
Ion	Ratio	Lower Upper
136	100	
137	10.9	9.1 13.7
54	10.0	9.4 14.2
68	6.0	4.2 6.4



#23
Nitrobenzene-d5
Concen: 81.074 ng
RT: 9.32 min Scan# 1060
Delta R.T. -0.03 min
Lab File: BG040159.D
Acq: 26 Mar 2019 22:58

Tgt Ion: 82	Resp:	328680
Ion	Ratio	Lower Upper
82	100	
128	42.9	31.3 46.9
54	56.3	50.9 76.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.76 min Scan# 1987

Delta R.T. -0.03 min

Lab File: BG040159.D

Acq: 26 Mar 2019 22:58

Instrument :

BNA_G

ClientSampleId :

MH-C05-SETTLED-1H-B

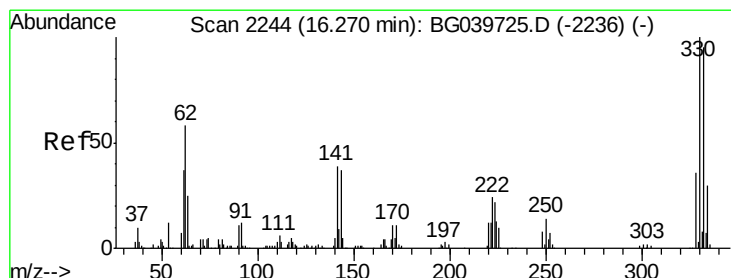
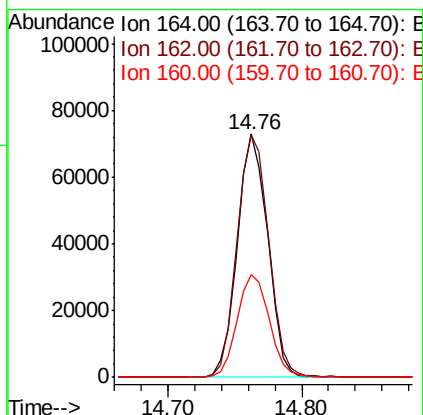
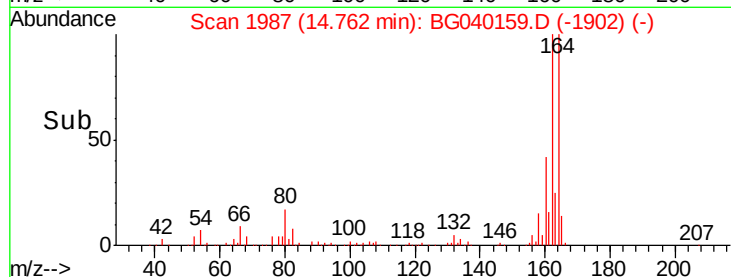
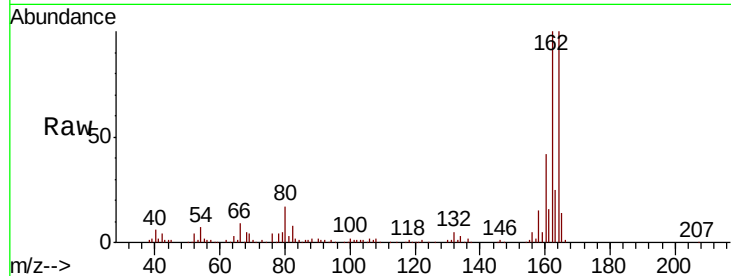
Tot Ion:164 Resp: 114891

Ion Ratio Lower Upper

164 100

162 99.6 81.6 122.4

160 42.2 34.2 51.2



#42

2,4,6-Tribromophenol

Concen: 98.025 ng

RT: 16.25 min Scan# 2240

Delta R.T. -0.03 min

Lab File: BG040159.D

Acq: 26 Mar 2019 22:58

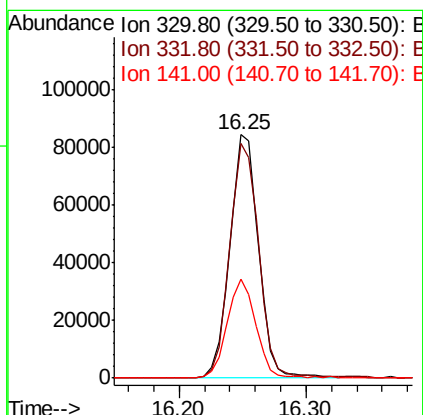
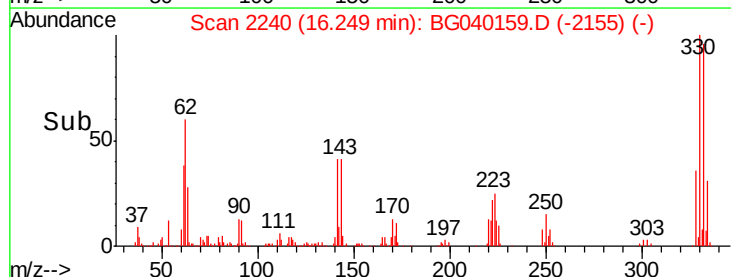
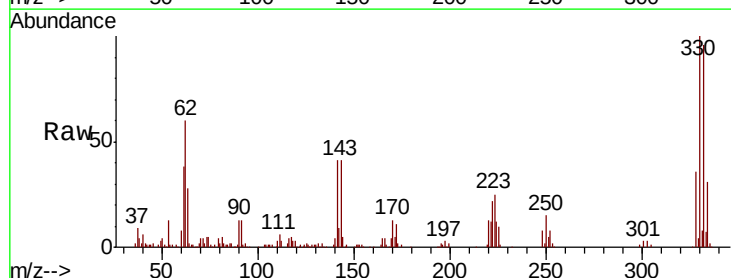
Tgt Ion:330 Resp: 131269

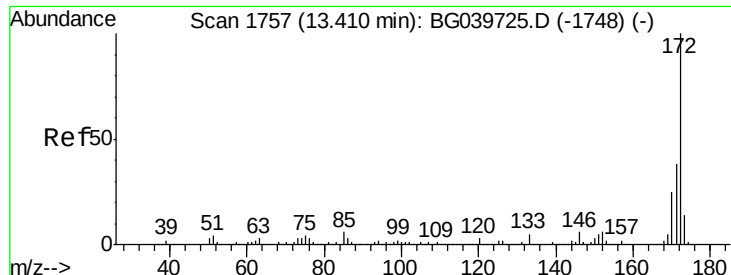
Ion Ratio Lower Upper

330 100

332 97.7 75.7 113.5

141 40.5 35.6 53.4

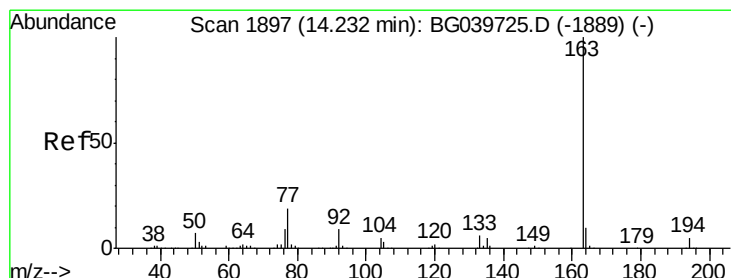
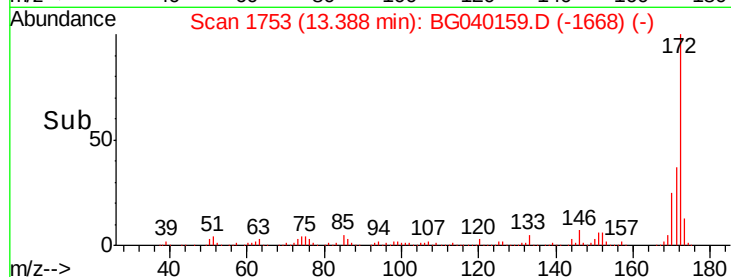
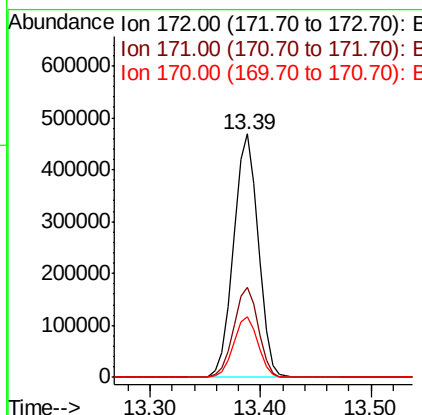
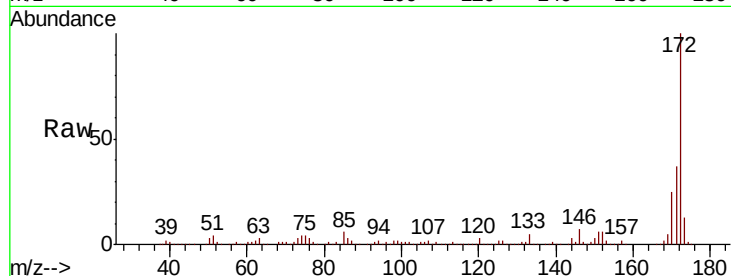




#45
2-Fluorobiphenyl
Concen: 91.344 ng
RT: 13.39 min Scan# 1753
Delta R.T. -0.03 min
Lab File: BG040159.D
Acq: 26 Mar 2019 22:58

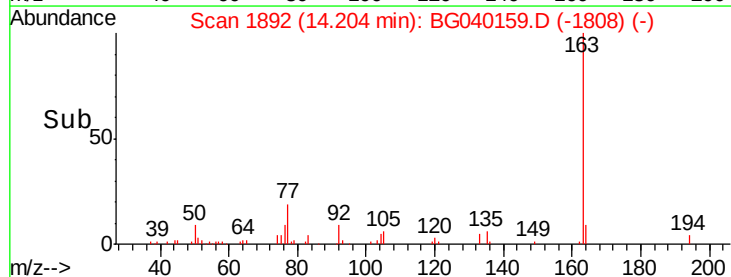
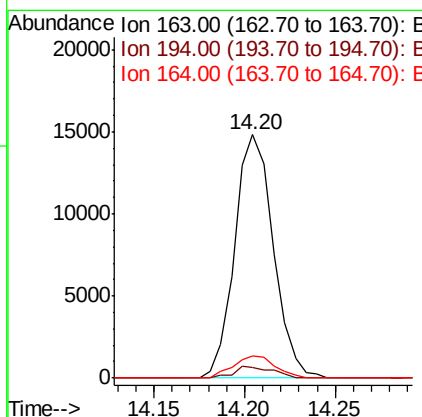
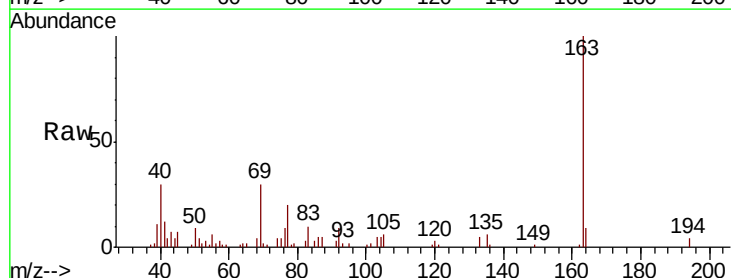
Instrument :
BNA_G
ClientSampleId :
MH-C05-SETTLED-1H-B

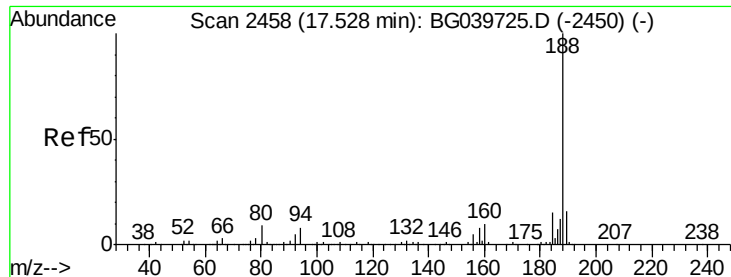
Tot Ion:172 Resp: 737071
Ion Ratio Lower Upper
172 100
171 36.8 30.8 46.2
170 24.7 20.2 30.4



#50
Dimethylphthalate
Concen: 2.277 ng
RT: 14.20 min Scan# 1892
Delta R.T. -0.03 min
Lab File: BG040159.D
Acq: 26 Mar 2019 22:58

Tgt Ion:163 Resp: 21878
Ion Ratio Lower Upper
163 100
194 4.2 3.6 5.4
164 9.0 8.4 12.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.51 min Scan# 2454

Delta R.T. -0.03 min

Lab File: BG040159.D

Acq: 26 Mar 2019 22:58

Instrument :

BNA_G

ClientSampleId :

MH-C05-SETTLED-1H-B

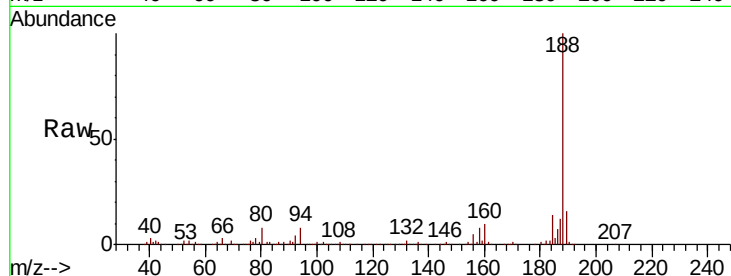
Tot Ion:188 Resp: 259946

Ion Ratio Lower Upper

188 100

94 7.8 6.9 10.3

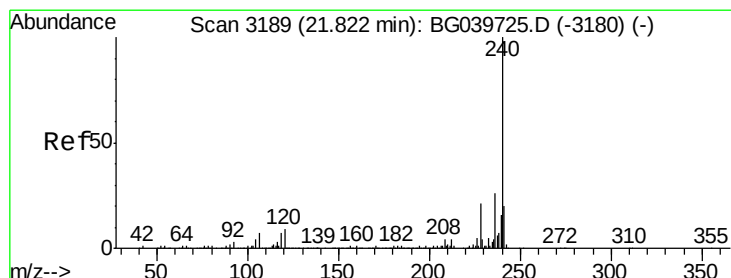
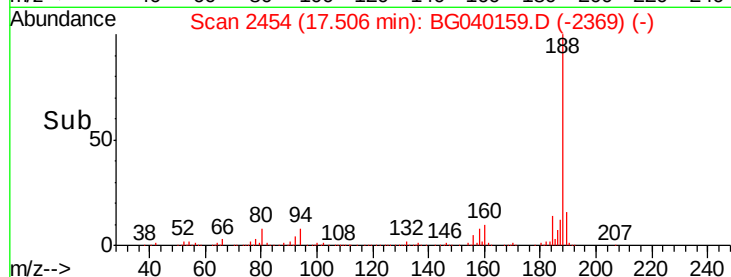
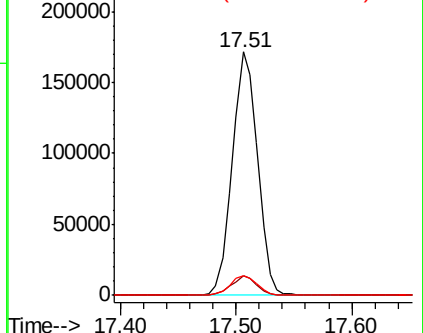
80 8.1 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.79 min Scan# 3184

Delta R.T. -0.03 min

Lab File: BG040159.D

Acq: 26 Mar 2019 22:58

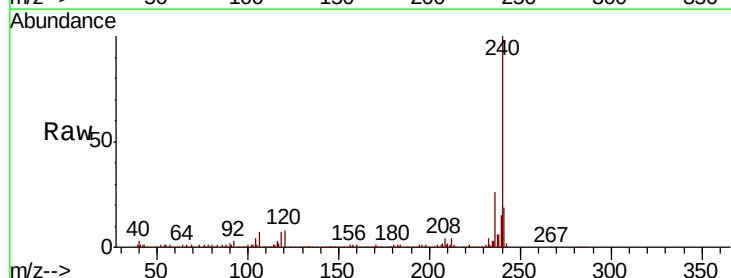
Tgt Ion:240 Resp: 265124

Ion Ratio Lower Upper

240 100

120 7.8 7.0 10.6

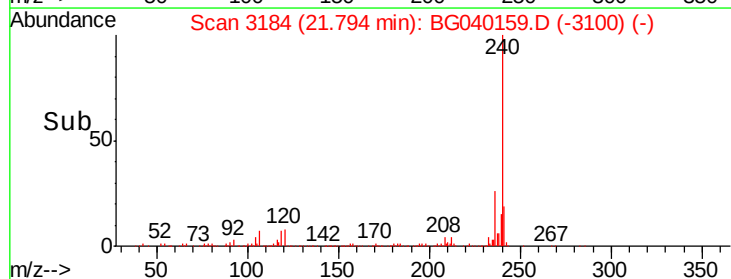
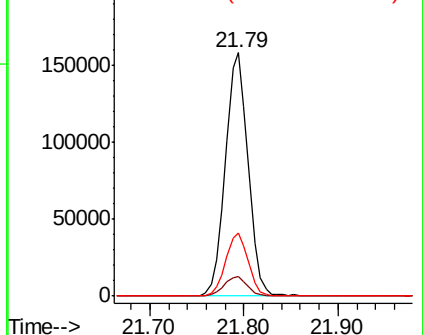
236 25.8 21.0 31.4

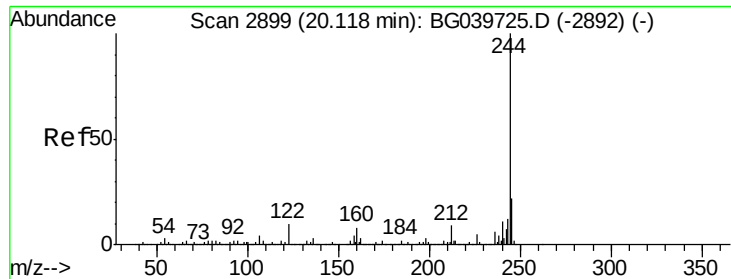


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 79.753 ng

RT: 20.10 min Scan# 2896

Delta R.T. -0.02 min

Lab File: BG040159.D

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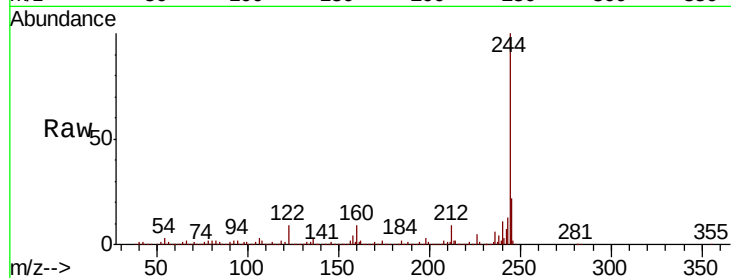
Tot Ion:244 Resp: 960319

Ion Ratio Lower Upper

244 100

212 9.0 7.3 10.9

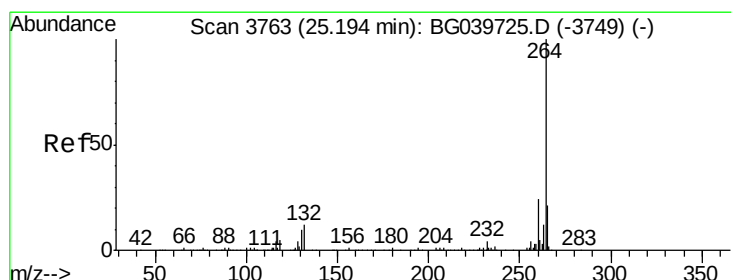
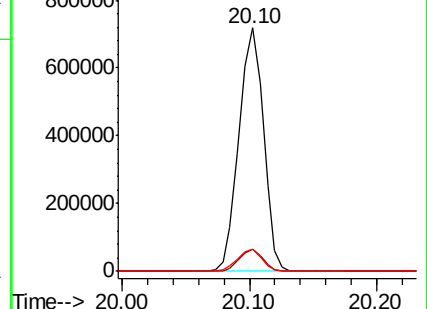
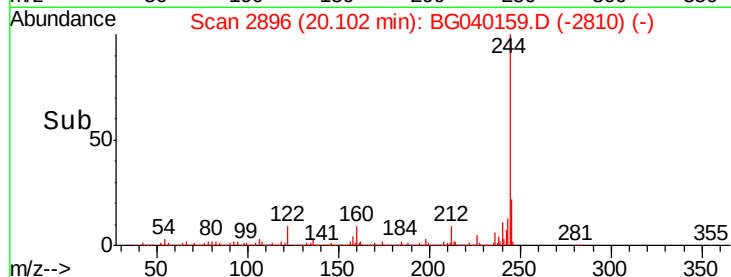
122 9.0 8.4 12.6



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: 25.15 min Scan# 3755

Delta R.T. -0.05 min

Lab File: BG040159.D

Acq: 26 Mar 2019 22:58

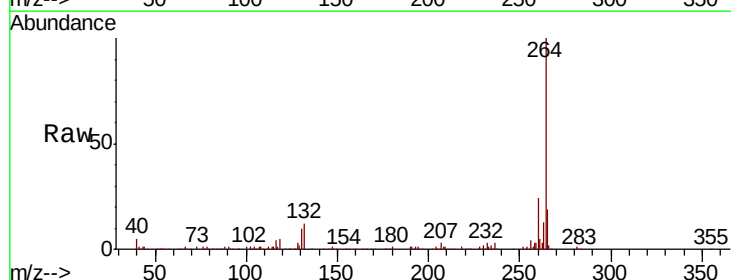
Tgt Ion:264 Resp: 272264

Ion Ratio Lower Upper

264 100

260 23.6 18.2 27.4

265 19.4 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

