

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012119\
 Data File : BG039232.D
 Acq On : 21 Jan 2019 14:03
 Operator : JU/SJ
 Sample : K1205-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C-1

Quant Time: Jan 21 15:42:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 04:20:14 2019
 Response via : Initial Calibration

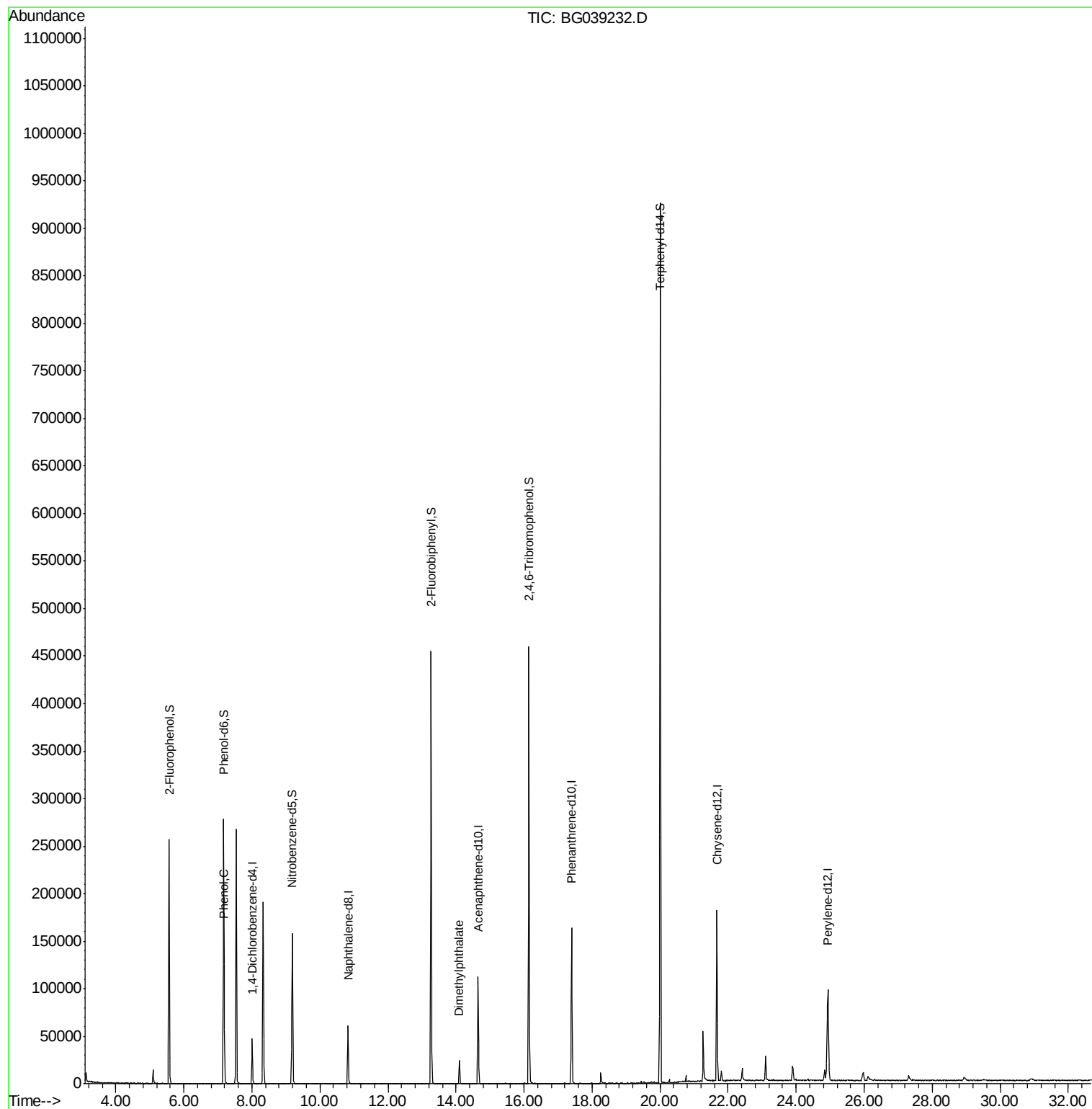
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	13942	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	55627	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	41991	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	110085	20.00	ng	0.00
76) Chrysene-d12	21.67	240	114636	20.00	ng	-0.01
87) Perylene-d12	24.93	264	122264	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	114552	155.86	ng	0.00
7) Phenol-d6	7.17	99	162628	153.76	ng	0.00
23) Nitrobenzene-d5	9.19	82	95628	94.07	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	100789	143.19	ng	-0.01
45) 2-Fluorobiphenyl	13.27	172	248334	80.94	ng	0.00
79) Terphenyl-d14	20.00	244	481302	77.67	ng	0.00
Target Compounds						
10) Phenol	7.19	94	2319	2.187	ng	Qvalue # 31
50) Dimethylphthalate	14.10	163	20194	5.691	ng	99

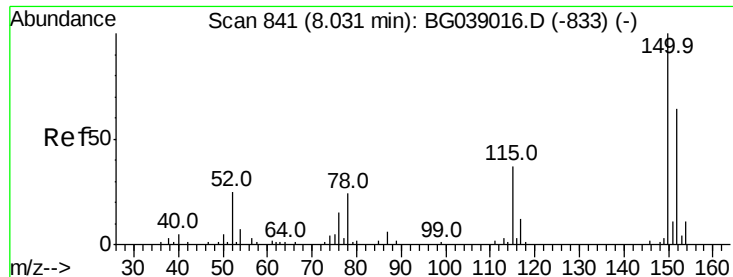
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BG039232.D

Acq: 21 Jan 2019 14:03

Instrument :

BNA_G

ClientSampleId :

C-1

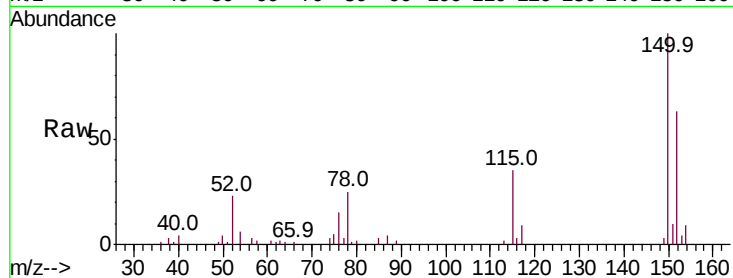
Tot Ion:152 Resp: 13942

Ion Ratio Lower Upper

152 100

150 159.8 124.7 187.1

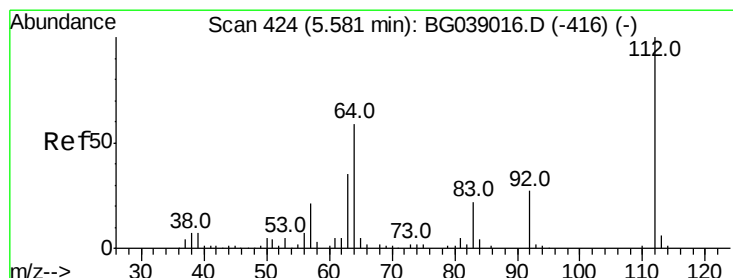
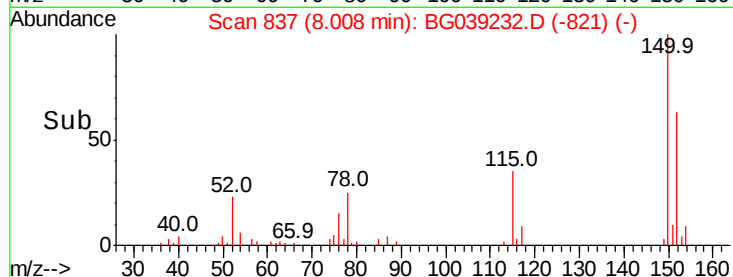
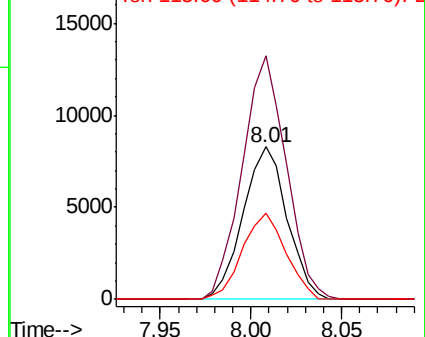
115 56.4 46.5 69.7



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: 155.862 ng

RT: 5.56 min Scan# 421

Delta R.T. -0.00 min

Lab File: BG039232.D

Acq: 21 Jan 2019 14:03

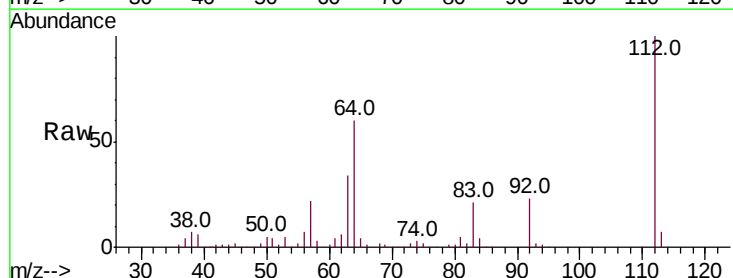
Tgt Ion:112 Resp: 114552

Ion Ratio Lower Upper

112 100

64 60.2 47.0 70.6

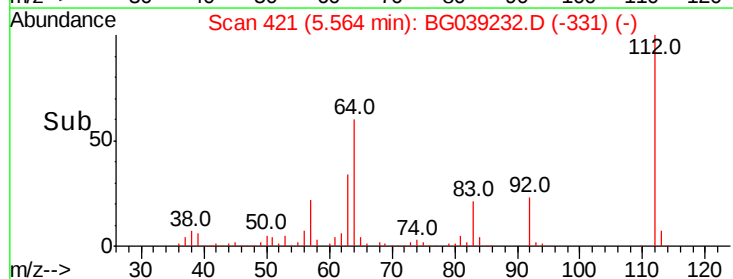
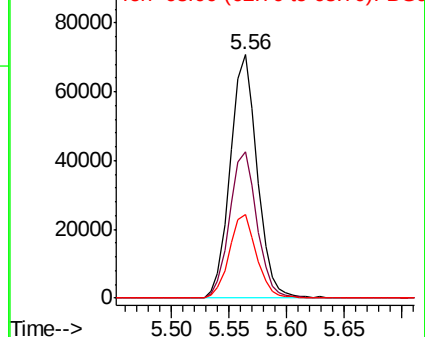
63 34.1 28.0 42.0

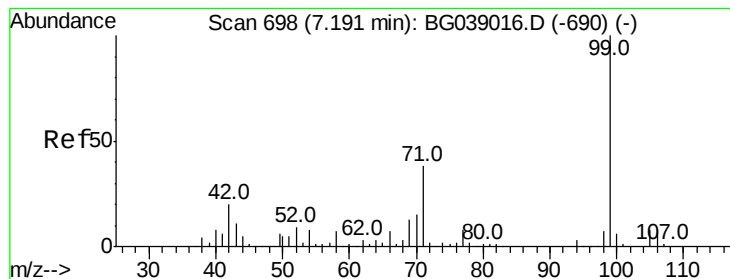


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 153.756 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG039232.D

Acq: 21 Jan 2019 14:03

Instrument :

BNA_G

ClientSampleId :

C-1

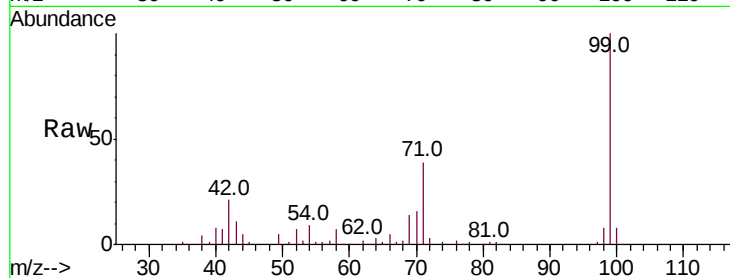
Tot Ion: 99 Resp: 162628

Ion Ratio Lower Upper

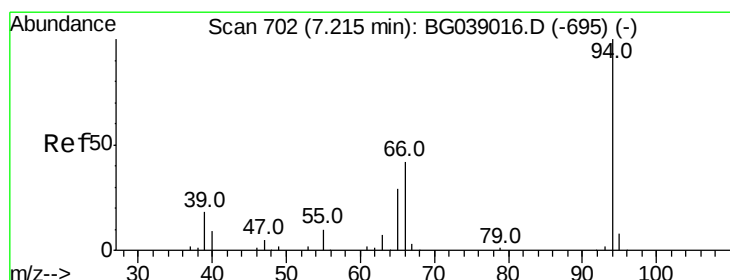
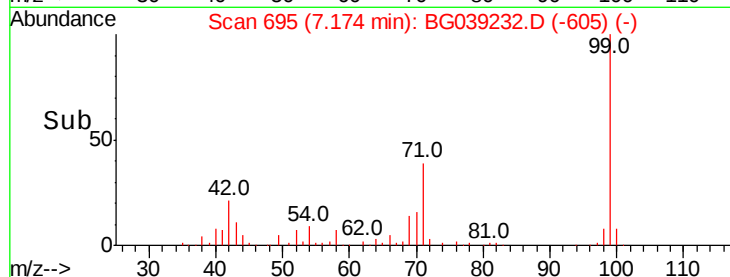
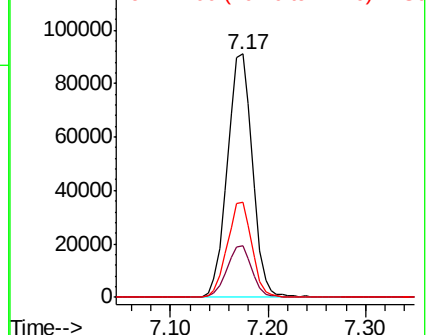
99 100

42 21.1 15.8 23.6

71 39.1 30.2 45.4



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: 2.187 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG039232.D

Acq: 21 Jan 2019 14:03

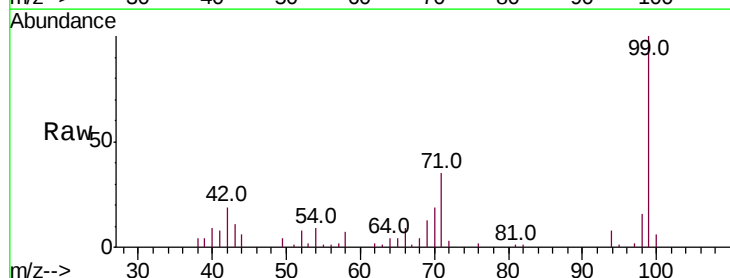
Tgt Ion: 94 Resp: 2319

Ion Ratio Lower Upper

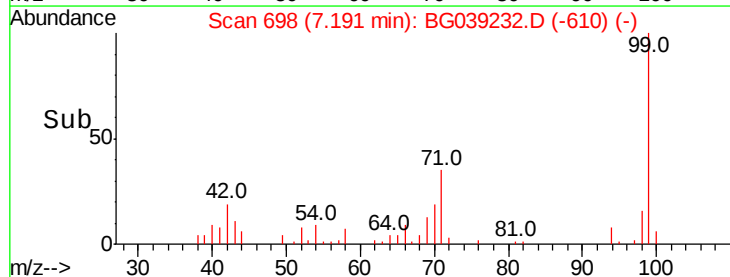
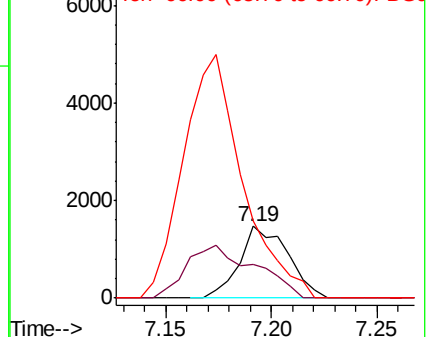
94 100

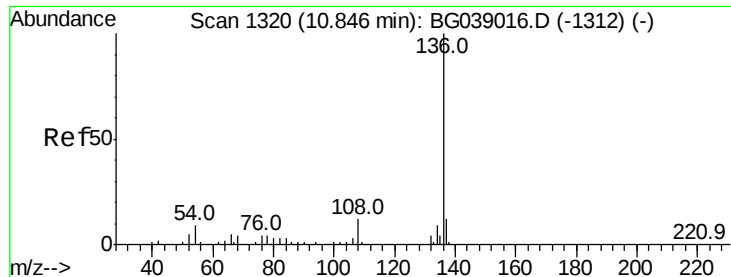
65 47.1 10.3 50.3

66 107.3 25.1 65.1#



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: 10.82 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BG039232.D

Acq: 21 Jan 2019 14:03

Instrument :

BNA_G

ClientSampleId :

C-1

Tot Ion:136 Resp: 55627

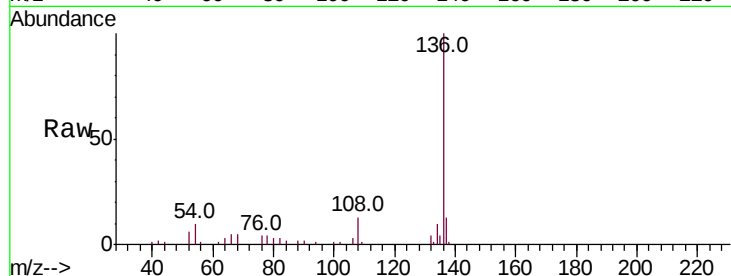
Ion Ratio Lower Upper

136 100

137 12.7 9.4 14.2

54 10.0 7.2 10.8

68 4.7 3.5 5.3

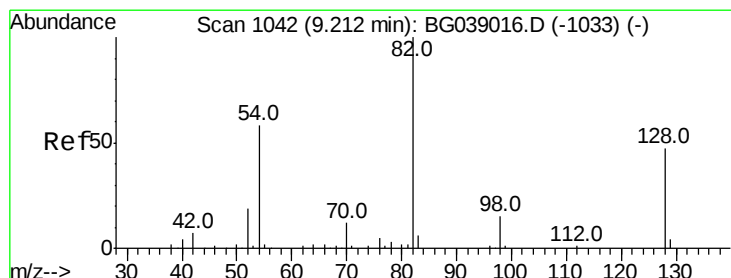
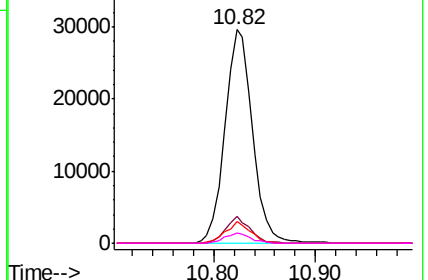
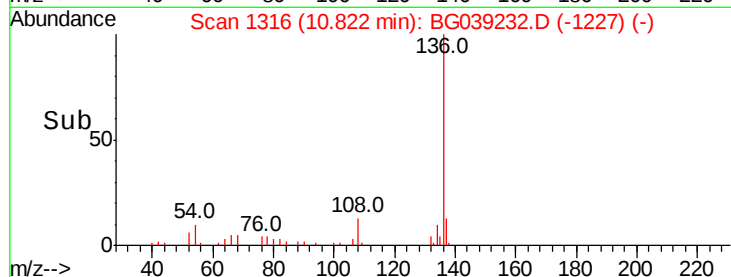


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 94.068 ng

RT: 9.19 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BG039232.D

Acq: 21 Jan 2019 14:03

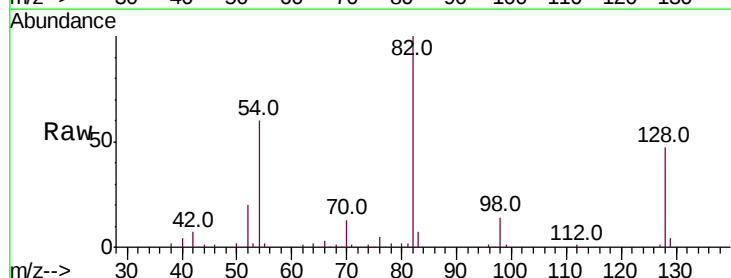
Tgt Ion: 82 Resp: 95628

Ion Ratio Lower Upper

82 100

128 46.6 37.3 55.9

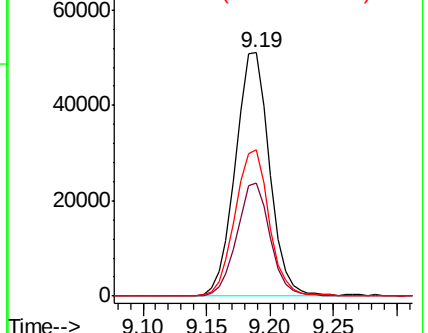
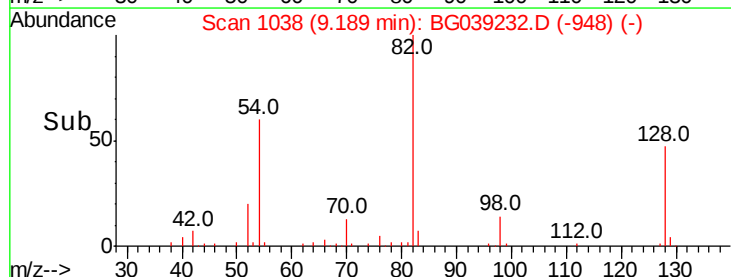
54 60.3 46.4 69.6

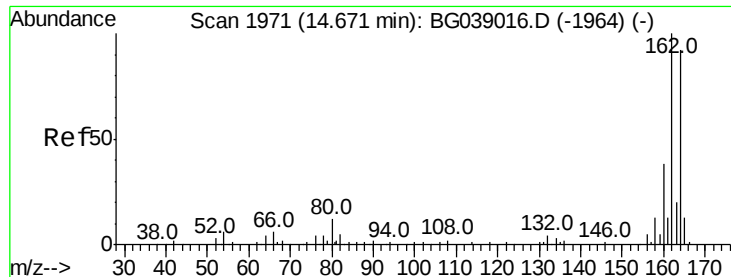


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG039232.D

Acq: 21 Jan 2019 14:03

Instrument :

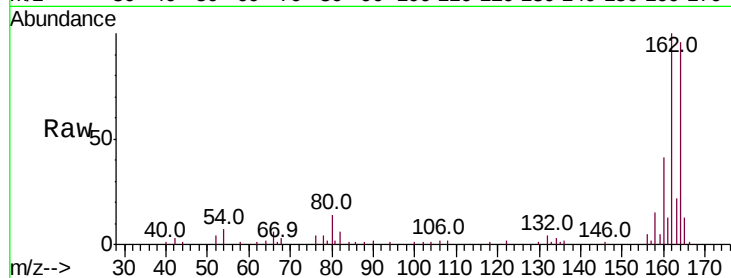
BNA_G

ClientSampleId :

C-1

Tot Ion:164 Resp: 41991

Ion	Ratio	Lower	Upper
164	100		
162	104.0	87.2	130.8
160	42.5	33.3	49.9

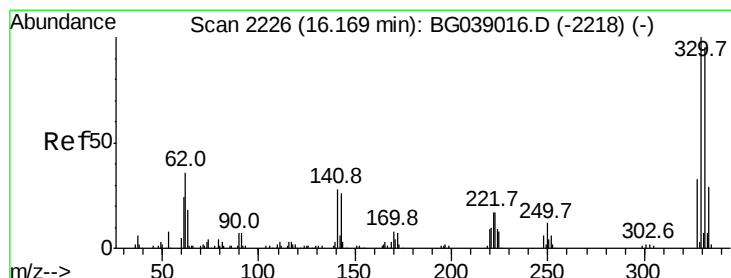
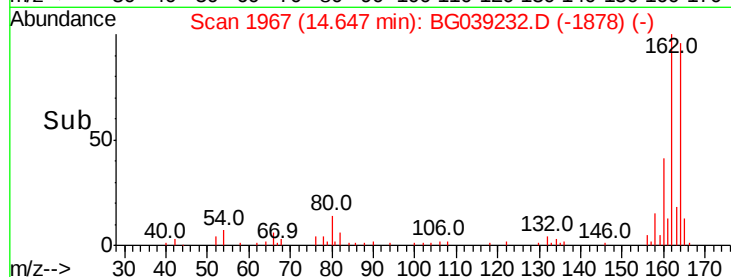
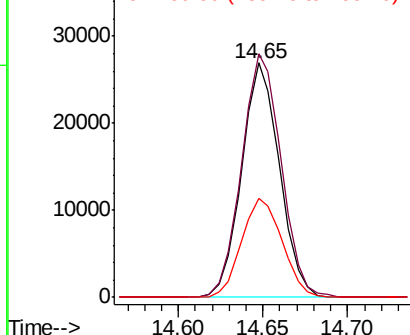


Abundance

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: 143.190 ng

RT: 16.14 min Scan# 2221

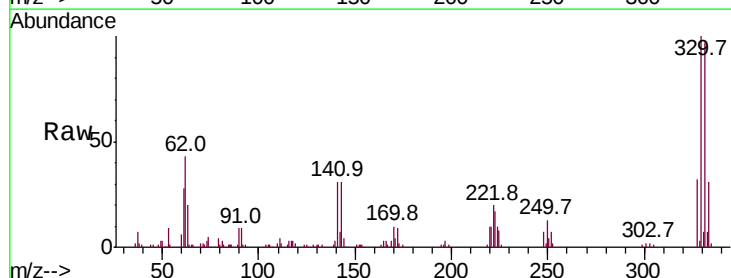
Delta R.T. -0.01 min

Lab File: BG039232.D

Acq: 21 Jan 2019 14:03

Tgt Ion:330 Resp: 100789

Ion	Ratio	Lower	Upper
330	100		
332	95.7	75.7	113.5
141	30.8	24.9	37.3

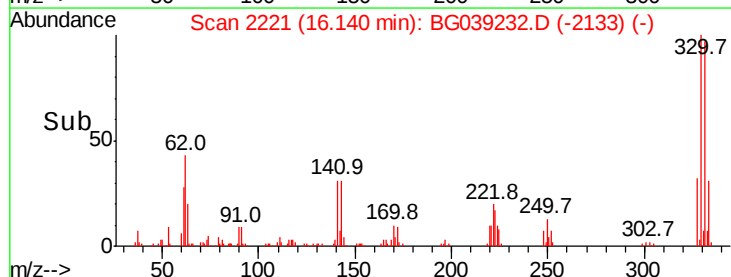
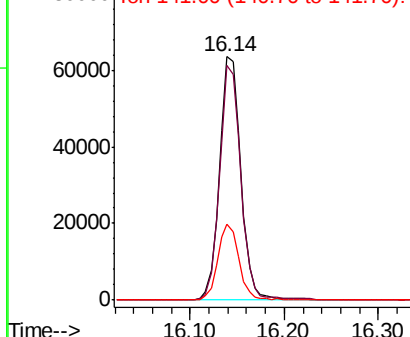


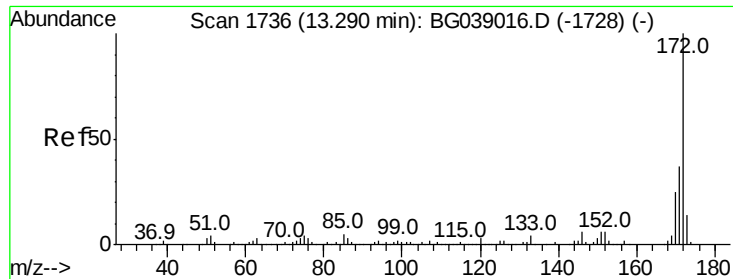
Abundance

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

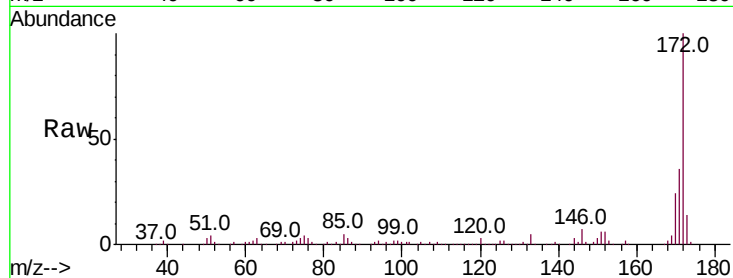




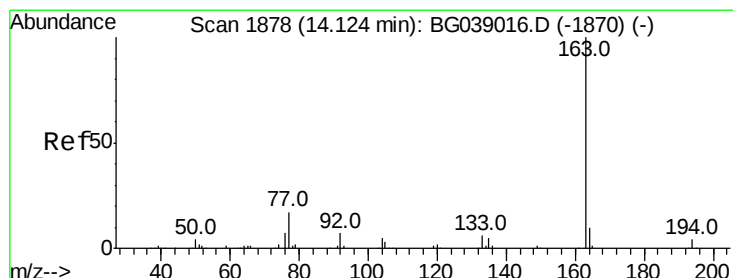
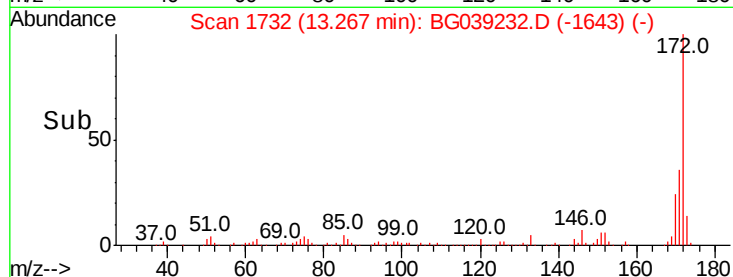
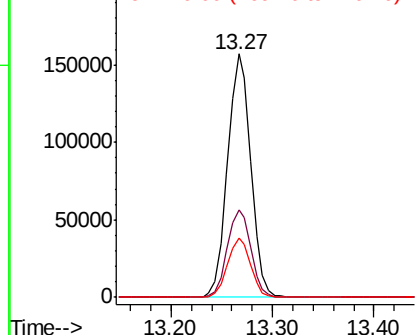
#45
 2-Fluorobiphenyl
 Concen: 80.937 ng
 RT: 13.27 min Scan# 1732
 Delta R.T. -0.01 min
 Lab File: BG039232.D
 Acq: 21 Jan 2019 14:03

Instrument :
 BNA_G
 ClientSampleId :
 C-1

Tot Ion:172 Resp: 248334
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.0
 170 24.2 20.1 30.1

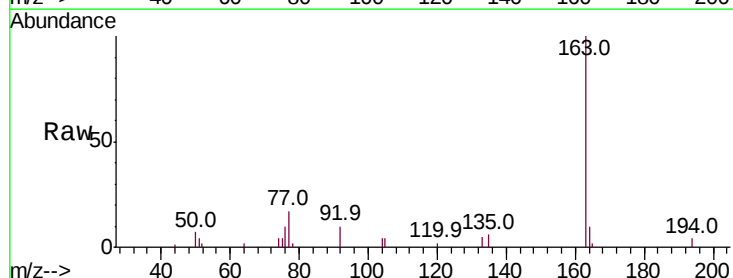


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

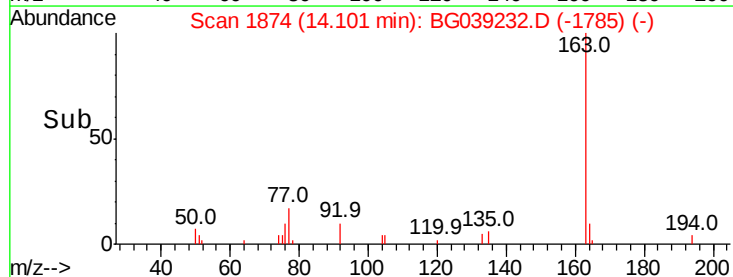
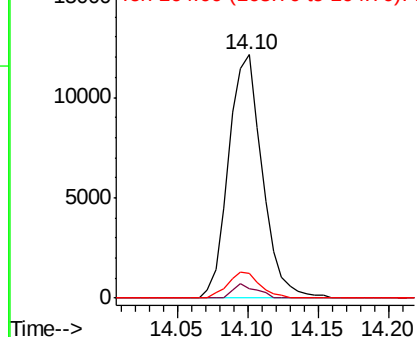


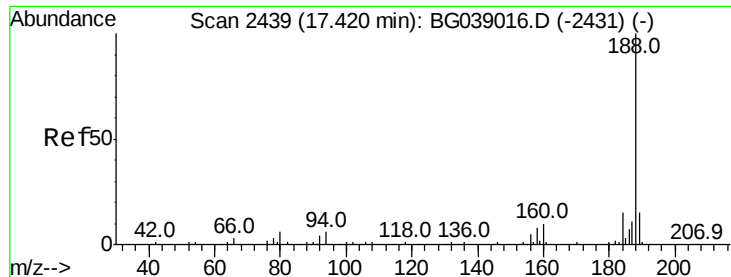
#50
 Dimethylphthalate
 Concen: 5.691 ng
 RT: 14.10 min Scan# 1874
 Delta R.T. -0.01 min
 Lab File: BG039232.D
 Acq: 21 Jan 2019 14:03

Tgt Ion:163 Resp: 20194
 Ion Ratio Lower Upper
 163 100
 194 4.0 3.6 5.4
 164 10.4 8.2 12.2



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG039232.D

Acq: 21 Jan 2019 14:03

Instrument :

BNA_G

ClientSampleId :

C-1

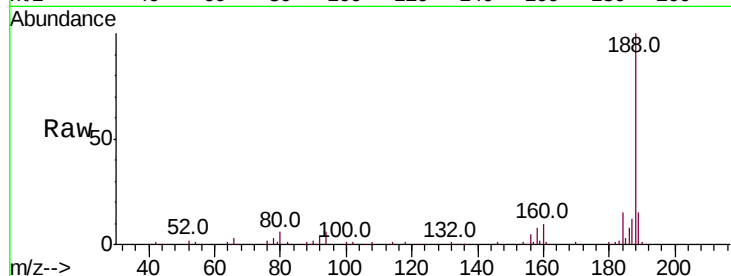
Tot Ion:188 Resp: 110085

Ion Ratio Lower Upper

188 100

94 6.3 5.0 7.4

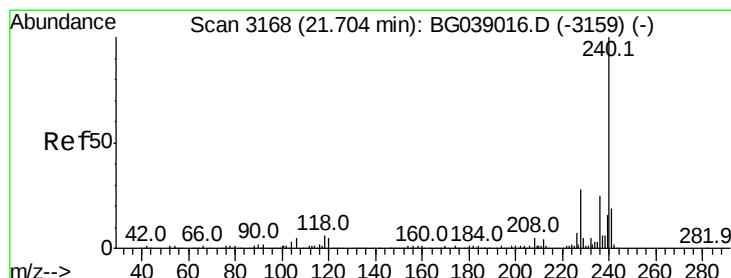
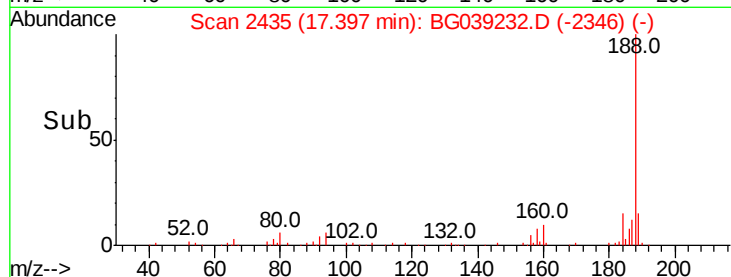
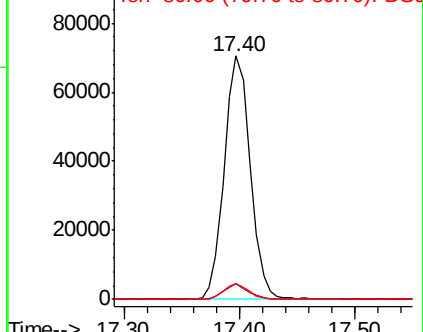
80 6.5 4.7 7.1



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: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG039232.D

Acq: 21 Jan 2019 14:03

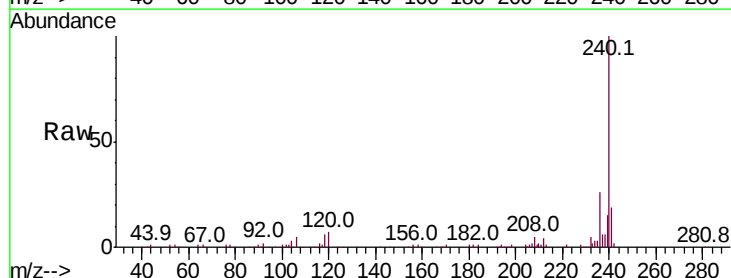
Tgt Ion:240 Resp: 114636

Ion Ratio Lower Upper

240 100

120 6.8 4.3 6.5#

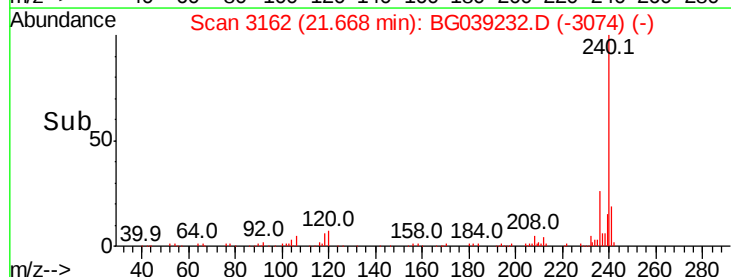
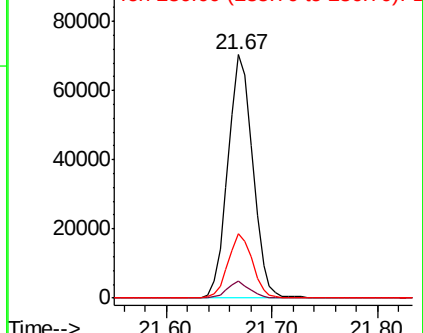
236 26.3 20.1 30.1

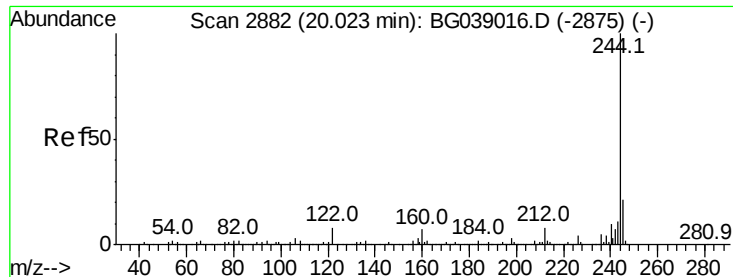


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 77.668 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BG039232.D

Acq: 21 Jan 2019 14:03

Instrument :

BNA_G

ClientSampleId :

C-1

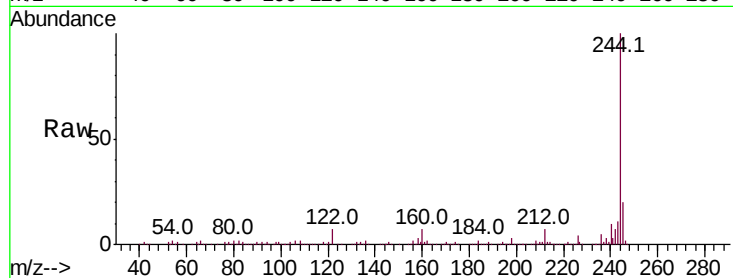
Tot Ion:244 Resp: 481302

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

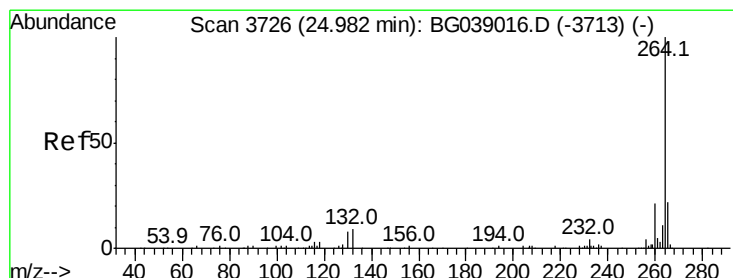
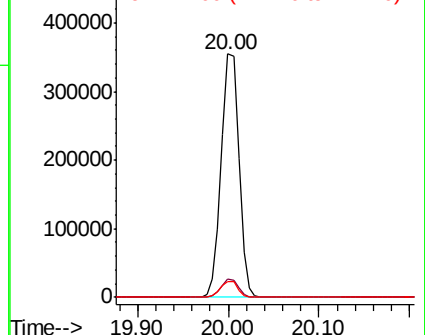
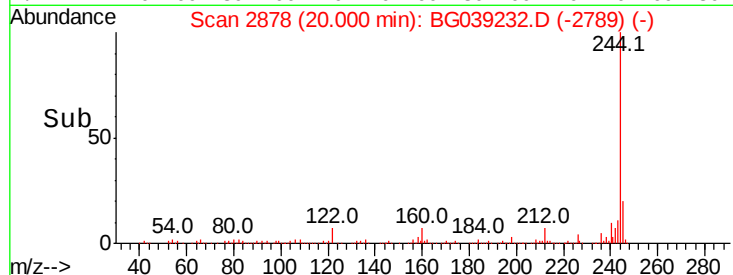
122 6.6 6.1 9.1



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: 24.93 min Scan# 3717

Delta R.T. -0.02 min

Lab File: BG039232.D

Acq: 21 Jan 2019 14:03

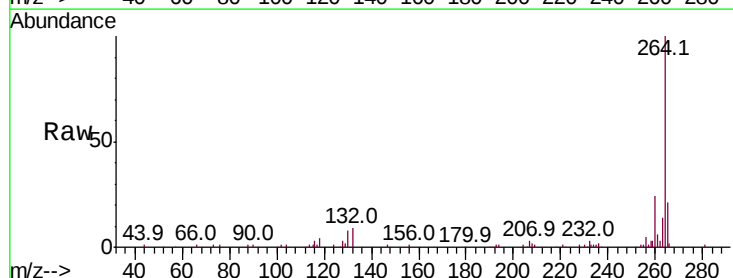
Tgt Ion:264 Resp: 122264

Ion Ratio Lower Upper

264 100

260 24.1 17.0 25.6

265 21.4 17.2 25.8



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

