

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012119\
 Data File : BG039236.D
 Acq On : 21 Jan 2019 16:40
 Operator : JU/SJ
 Sample : K1205-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C-3

Quant Time: Jan 21 17:18:18 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

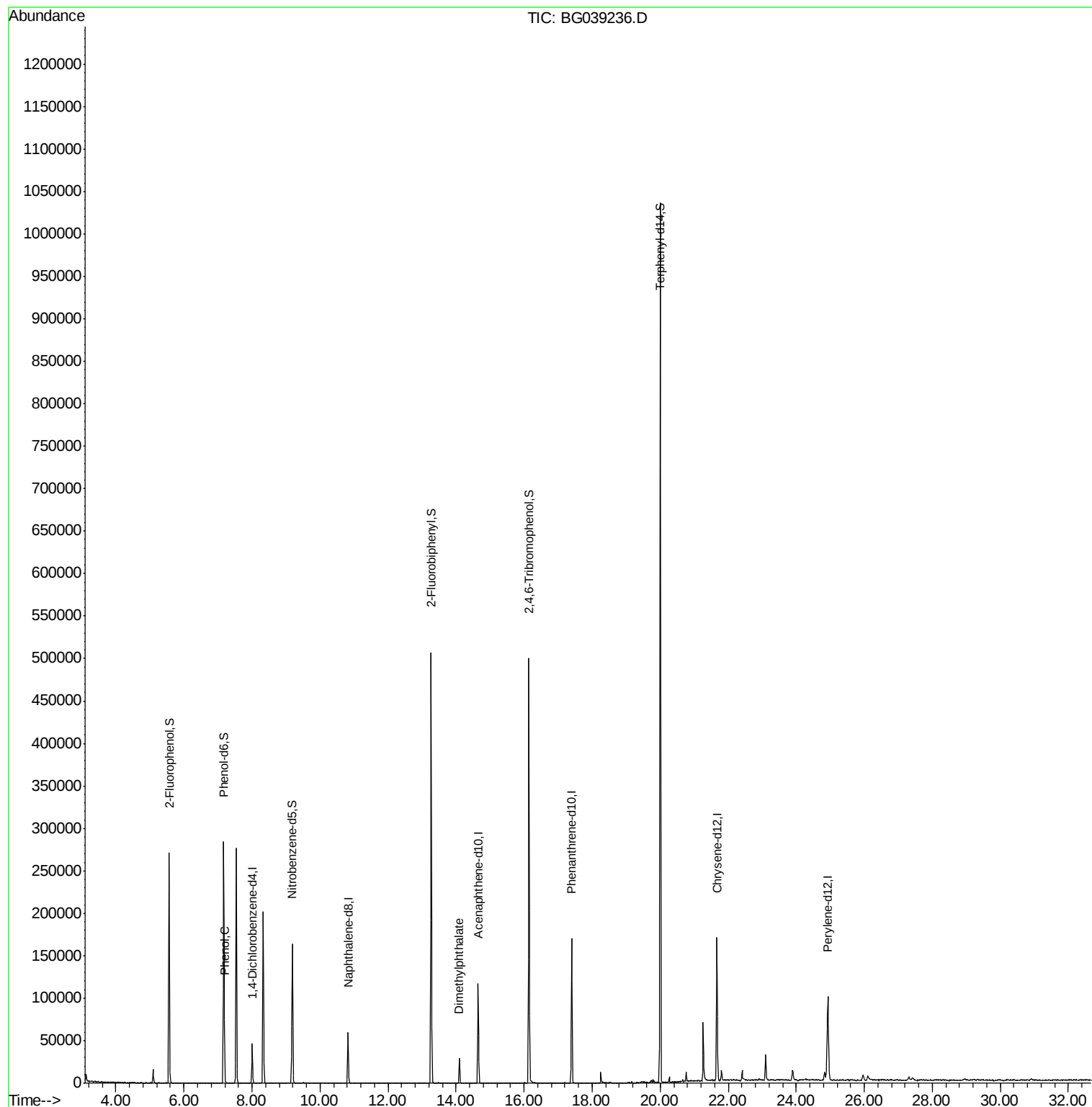
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	13933	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	56471	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	43803	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	112264	20.00	ng	0.00
76) Chrysene-d12	21.67	240	113003	20.00	ng	0.00
87) Perylene-d12	24.93	264	121544	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	120150	163.58	ng	0.00
7) Phenol-d6	7.17	99	166388	157.41	ng	0.00
23) Nitrobenzene-d5	9.19	82	98276	95.23	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	108061	147.17	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	287458	89.81	ng	0.00
79) Terphenyl-d14	20.00	244	518073	84.81	ng	0.00
Target Compounds						
10) Phenol	7.19	94	2497	2.356	ng	Qvalue # 63
50) Dimethylphthalate	14.10	163	23259	6.284	ng	98

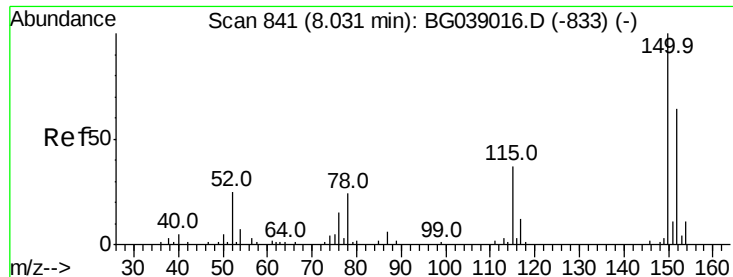
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012119\
Data File : BG039236.D
Acq On : 21 Jan 2019 16:40
Operator : JU/SJ
Sample : K1205-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C-3

Quant Time: Jan 21 17:18:18 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BG039236.D

Acq: 21 Jan 2019 16:40

Instrument :

BNA_G

ClientSampleId :

C-3

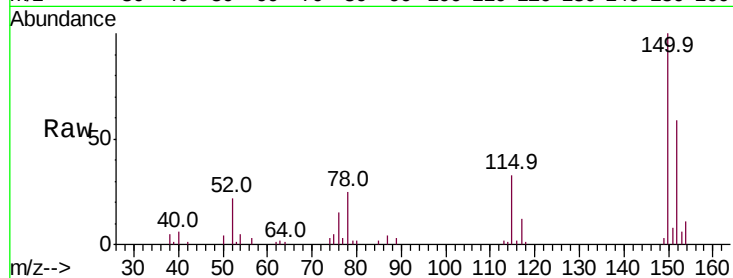
Tot Ion:152 Resp: 13933

Ion Ratio Lower Upper

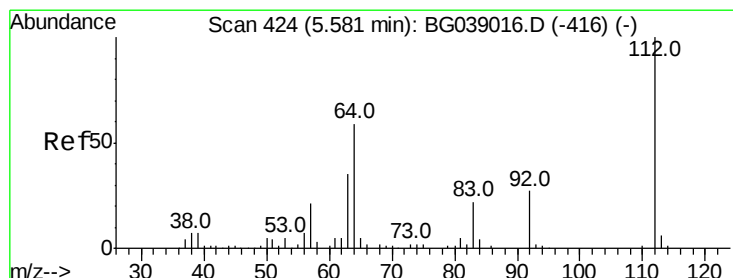
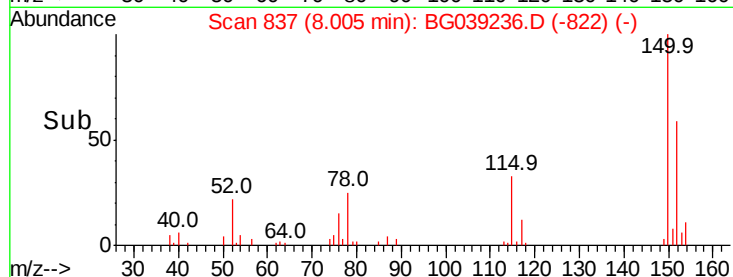
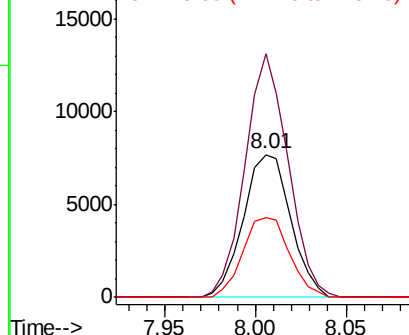
152 100

150 170.1 124.7 187.1

115 56.2 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: 163.585 ng

RT: 5.56 min Scan# 421

Delta R.T. -0.00 min

Lab File: BG039236.D

Acq: 21 Jan 2019 16:40

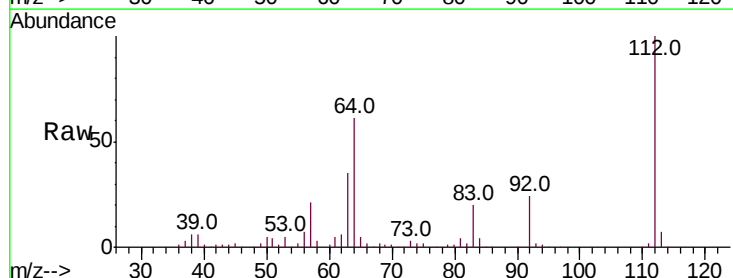
Tgt Ion:112 Resp: 120150

Ion Ratio Lower Upper

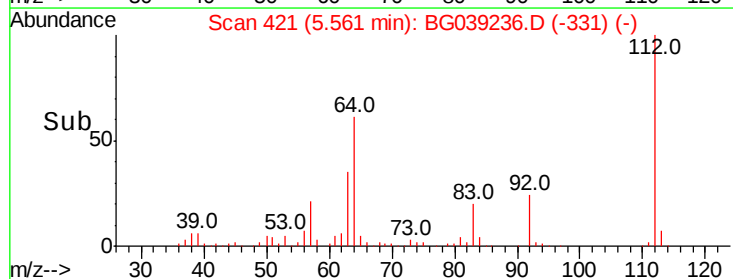
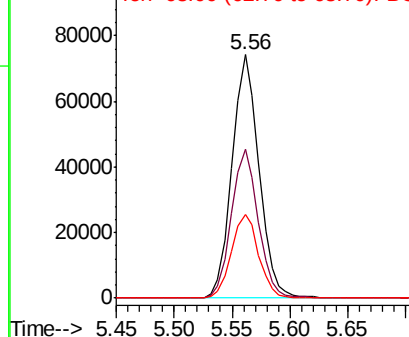
112 100

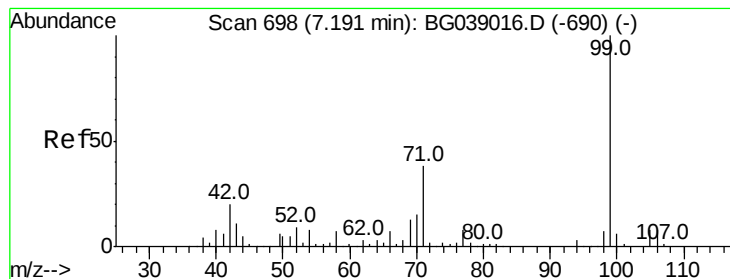
64 61.0 47.0 70.6

63 34.5 28.0 42.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 157.413 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG039236.D

Acq: 21 Jan 2019 16:40

Instrument :

BNA_G

ClientSampleId :

C-3

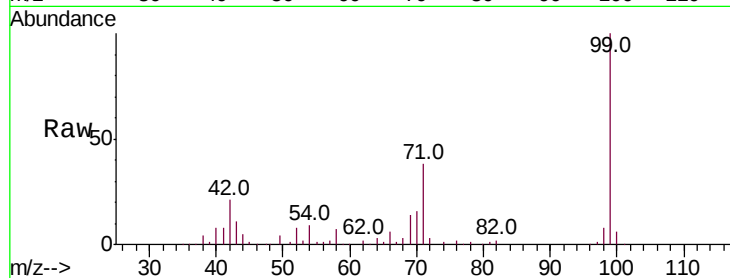
Tot Ion: 99 Resp: 166388

Ion Ratio Lower Upper

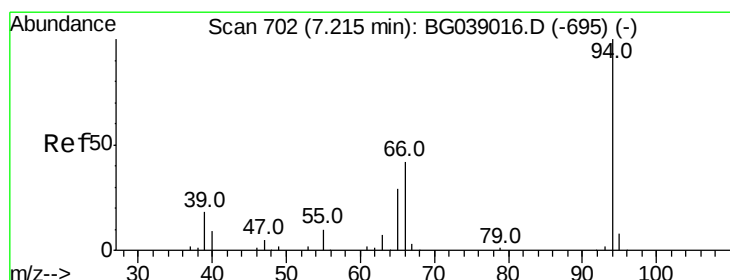
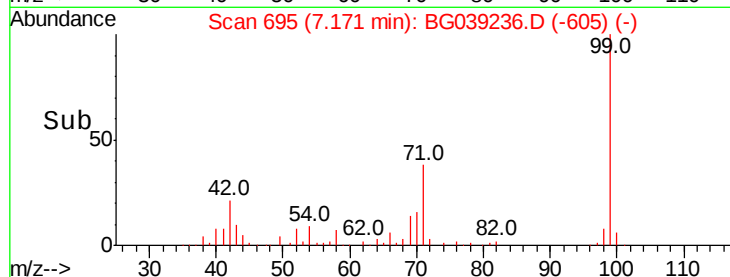
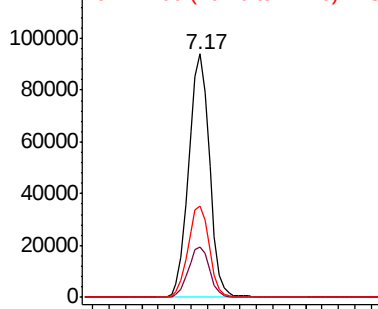
99 100

42 20.8 15.8 23.6

71 37.6 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: 2.356 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG039236.D

Acq: 21 Jan 2019 16:40

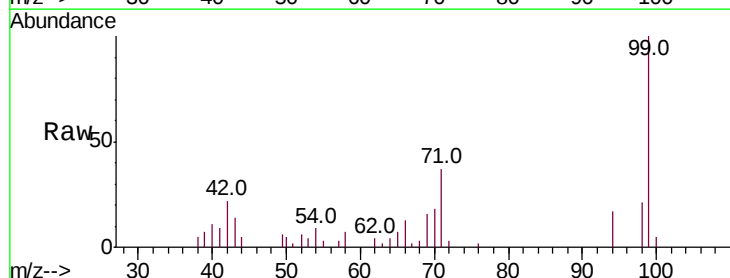
Tgt Ion: 94 Resp: 2497

Ion Ratio Lower Upper

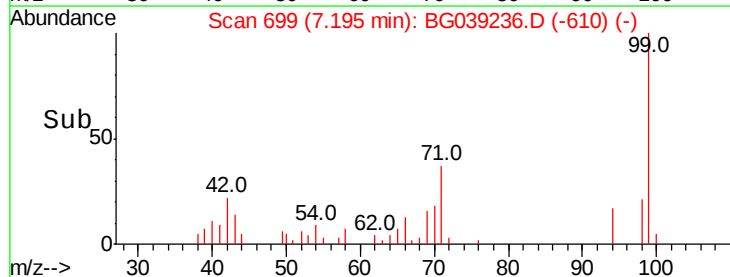
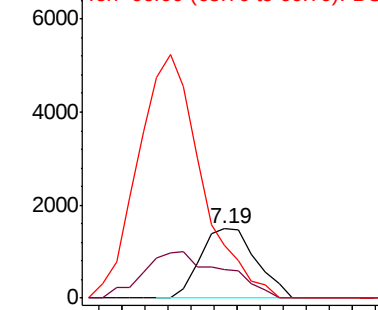
94 100

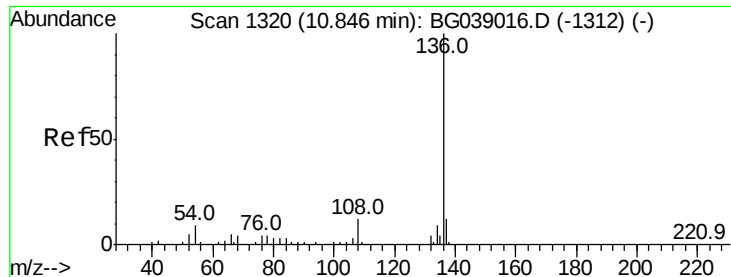
65 42.0 10.3 50.3

66 76.1 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

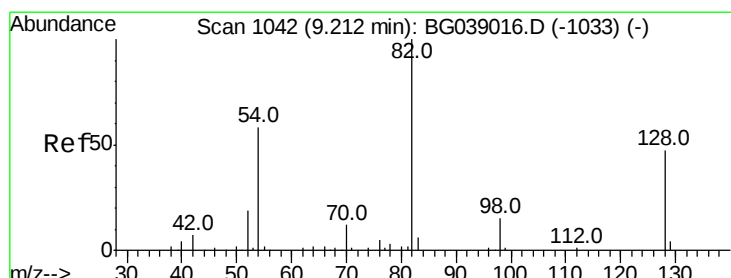
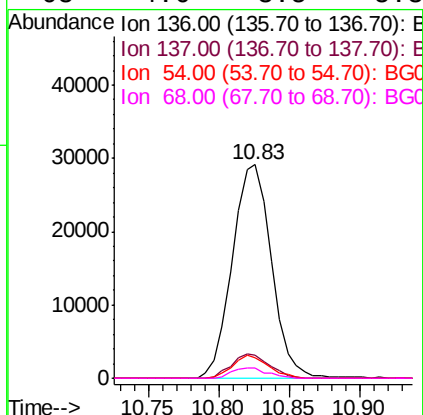
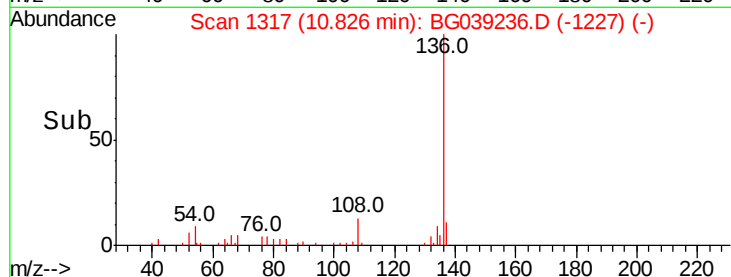
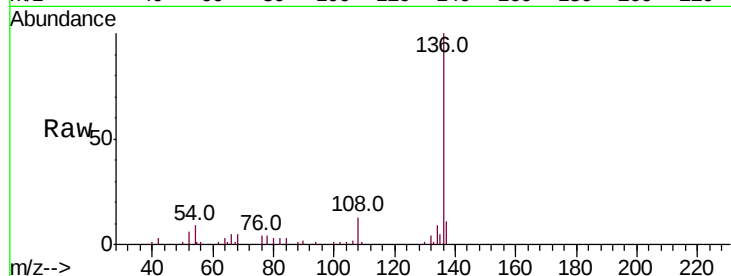




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG039236.D
Acq: 21 Jan 2019 16:40

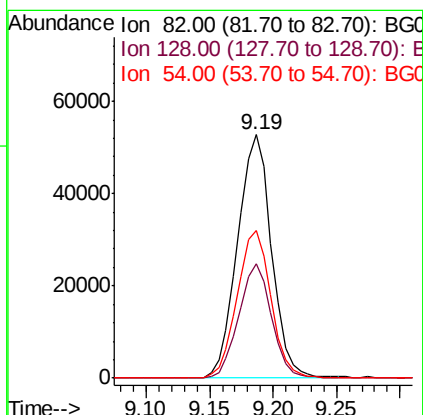
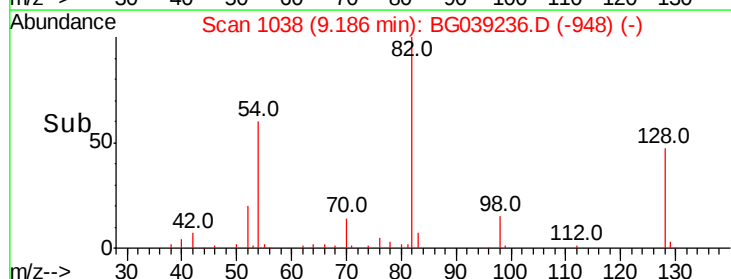
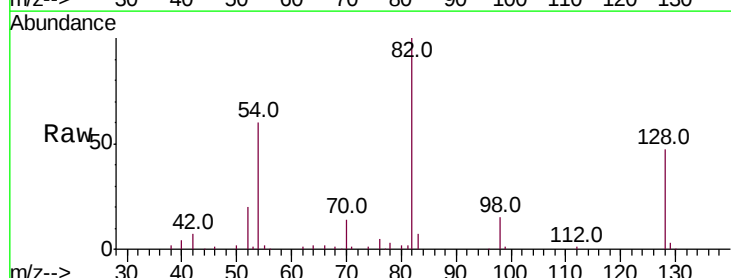
Instrument :
BNA_G
ClientSampleId :
C-3

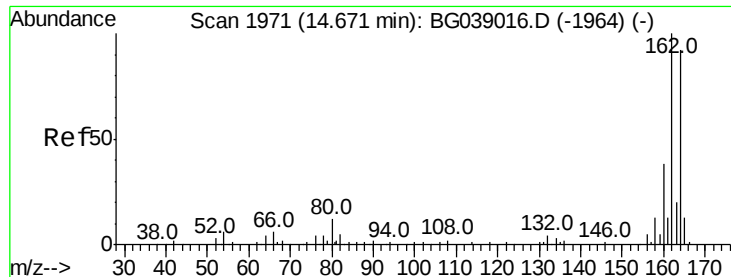
Tot Ion:136	Resp:	56471	
Ion Ratio	Lower	Upper	
136 100			
137 10.8	9.4	14.2	
54 10.0	7.2	10.8	
68 4.6	3.5	5.3	



#23
Nitrobenzene-d5
Concen: 95.228 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG039236.D
Acq: 21 Jan 2019 16:40

Tgt Ion: 82	Resp: 98276
Ion Ratio	Lower Upper
82 100	
128 47.0	37.3 55.9
54 60.4	46.4 69.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG039236.D

Acq: 21 Jan 2019 16:40

Instrument :

BNA_G

ClientSampleId :

C-3

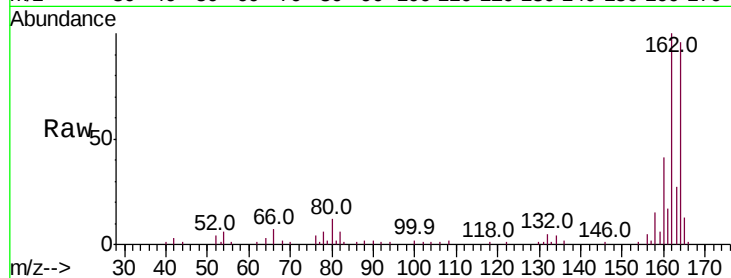
Tot Ion:164 Resp: 43803

Ion Ratio Lower Upper

164 100

162 103.9 87.2 130.8

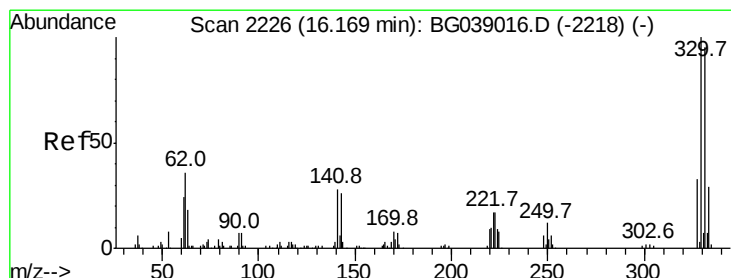
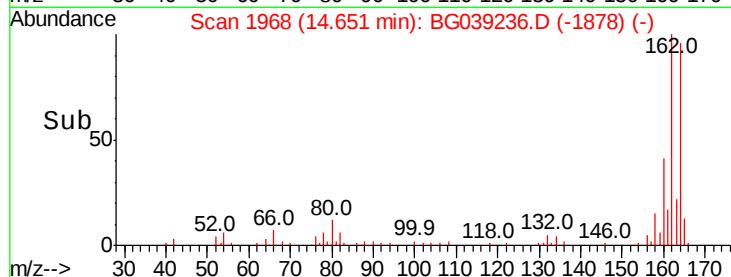
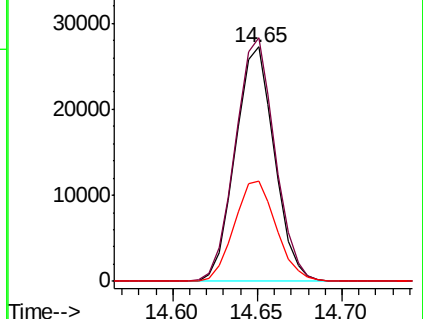
160 43.0 33.3 49.9



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: 147.170 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.01 min

Lab File: BG039236.D

Acq: 21 Jan 2019 16:40

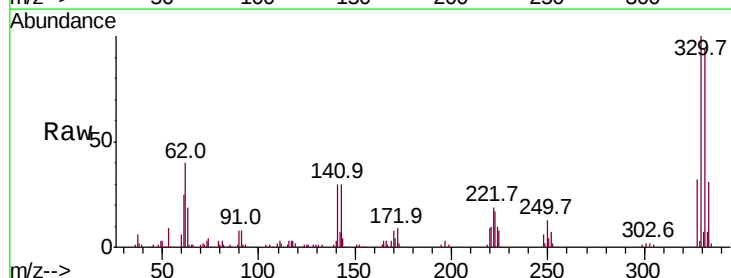
Tgt Ion:330 Resp: 108061

Ion Ratio Lower Upper

330 100

332 95.7 75.7 113.5

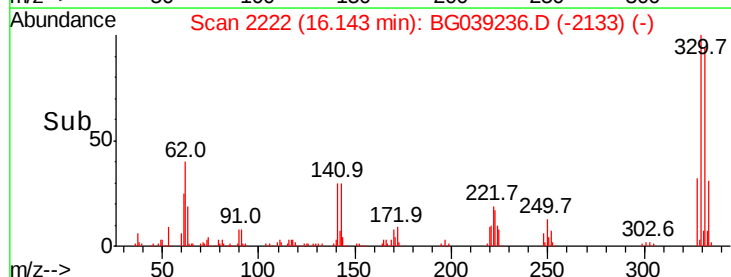
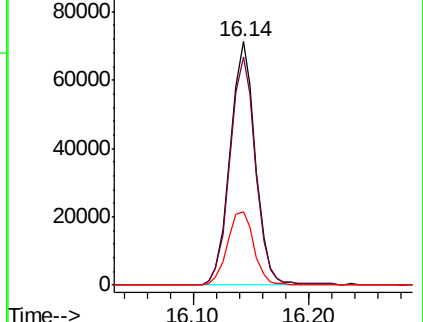
141 31.6 24.9 37.3

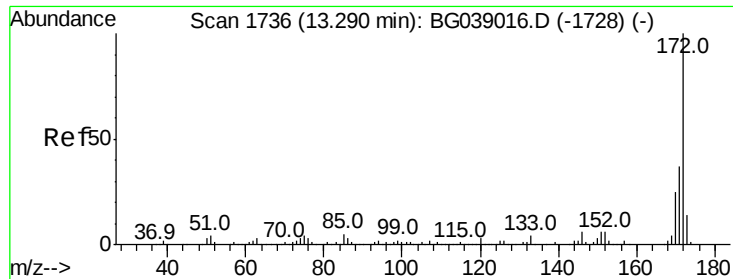


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

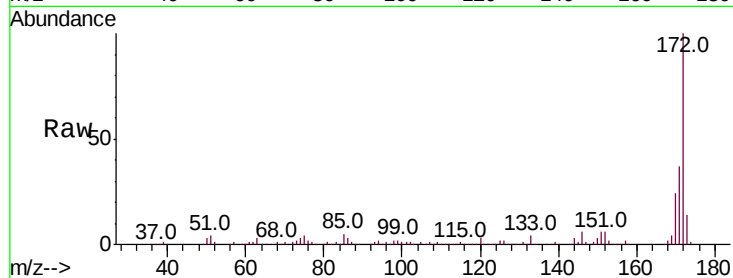




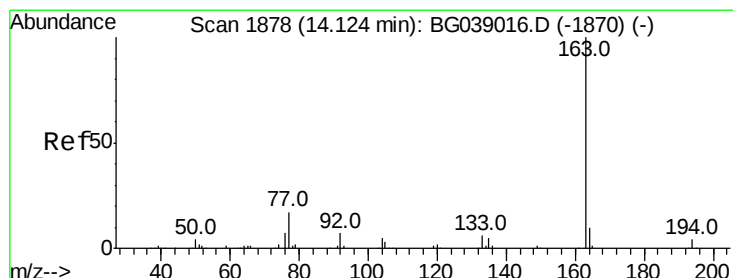
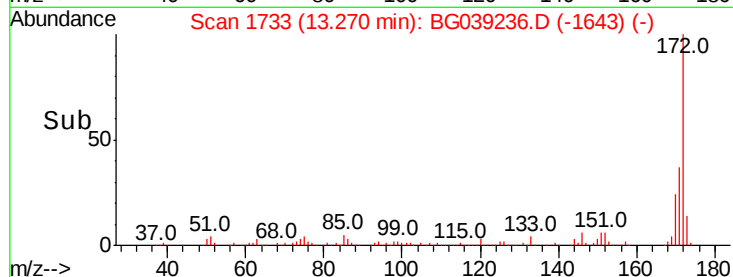
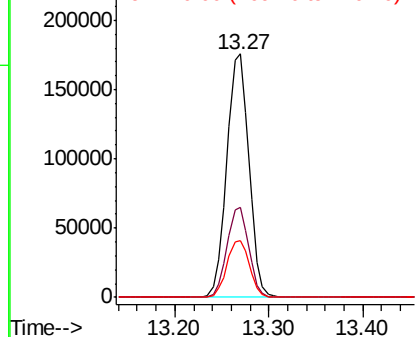
#45
 2-Fluorobiphenyl
 Concen: 89.812 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.00 min
 Lab File: BG039236.D
 Acq: 21 Jan 2019 16:40

Instrument :
 BNA_G
 ClientSampleId :
 C-3

Tot Ion:172 Resp: 287458
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.4 44.0
 170 23.5 20.1 30.1

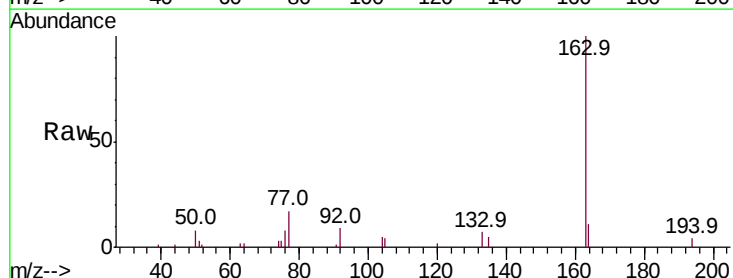


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

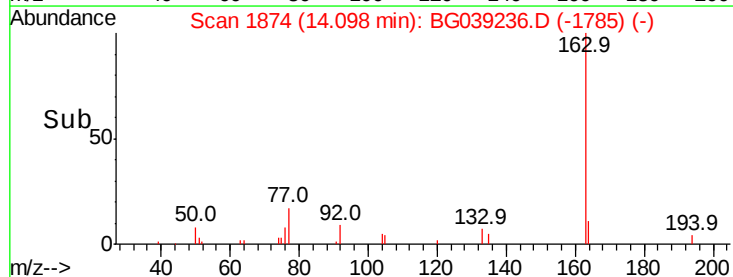
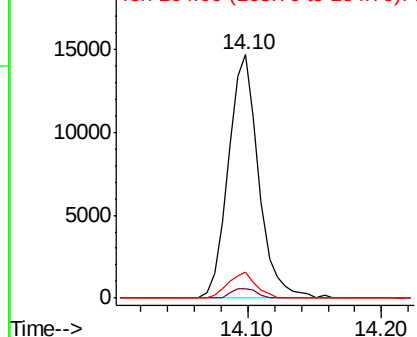


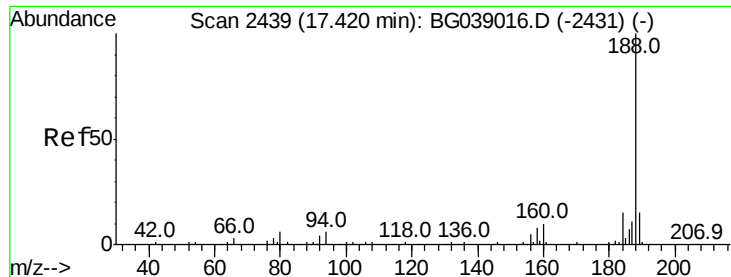
#50
 Dimethylphthalate
 Concen: 6.284 ng
 RT: 14.10 min Scan# 1874
 Delta R.T. -0.01 min
 Lab File: BG039236.D
 Acq: 21 Jan 2019 16:40

Tgt Ion:163 Resp: 23259
 Ion Ratio Lower Upper
 163 100
 194 4.1 3.6 5.4
 164 10.8 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# 2436

Delta R.T. -0.00 min

Lab File: BG039236.D

Acq: 21 Jan 2019 16:40

Instrument :

BNA_G

ClientSampleId :

C-3

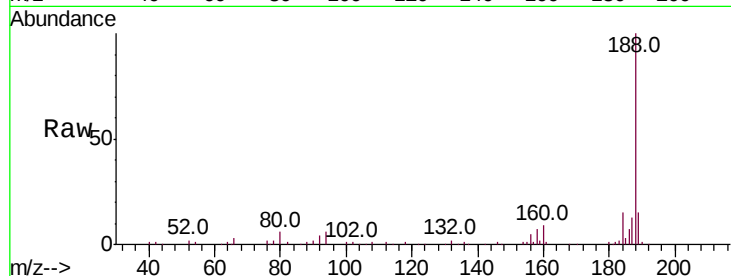
Tot Ion:188 Resp: 112264

Ion Ratio Lower Upper

188 100

94 5.8 5.0 7.4

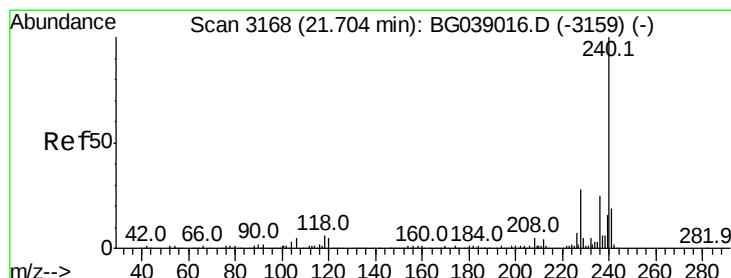
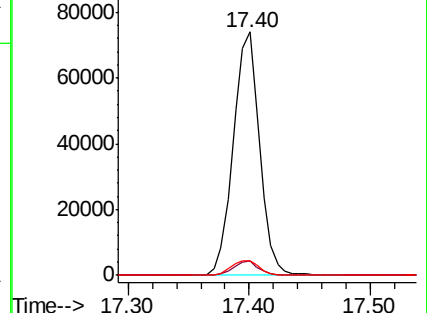
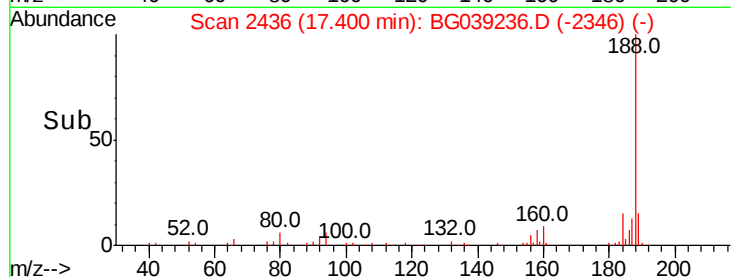
80 5.9 4.7 7.1



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# 3163

Delta R.T. -0.01 min

Lab File: BG039236.D

Acq: 21 Jan 2019 16:40

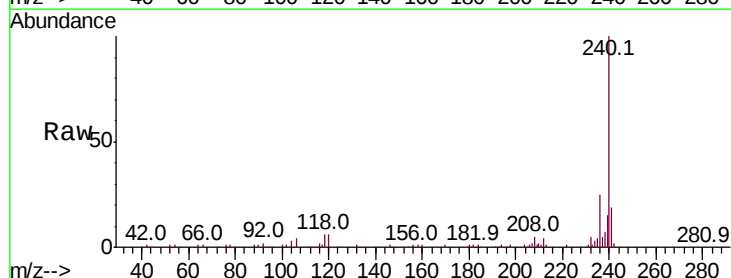
Tgt Ion:240 Resp: 113003

Ion Ratio Lower Upper

240 100

120 5.6 4.3 6.5

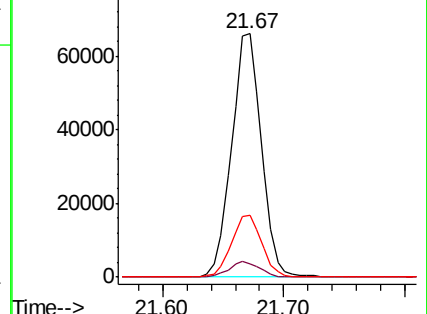
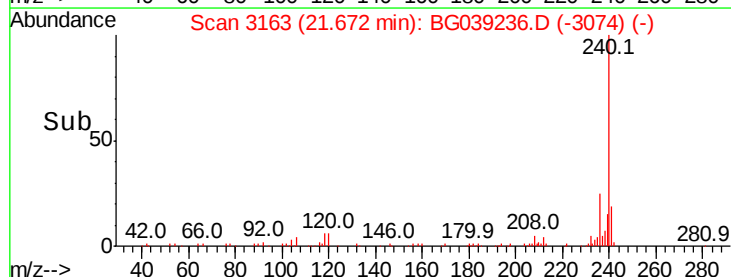
236 25.5 20.1 30.1

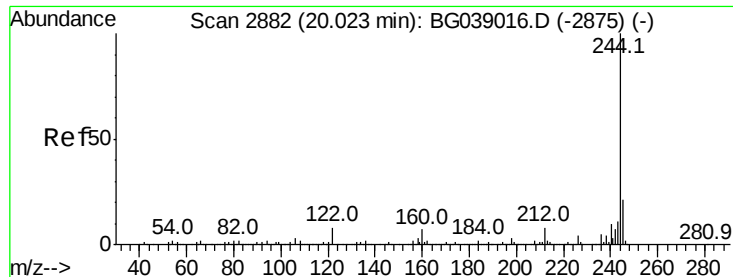


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 84.810 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.00 min

Lab File: BG039236.D

Acq: 21 Jan 2019 16:40

Instrument :

BNA_G

ClientSampleId :

C-3

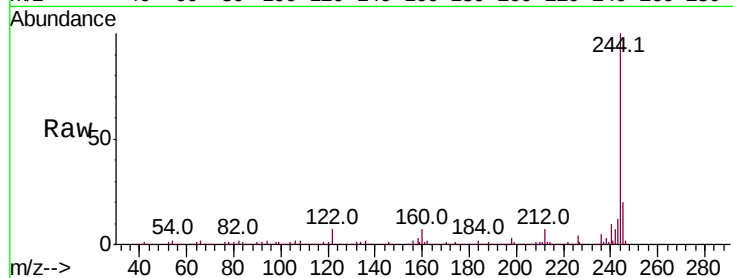
Tot Ion:244 Resp: 518073

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

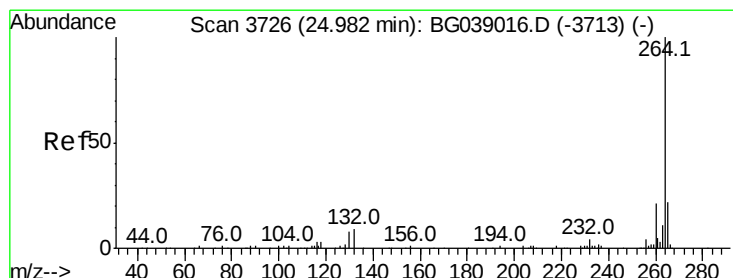
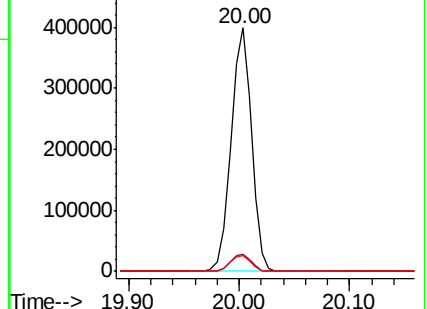
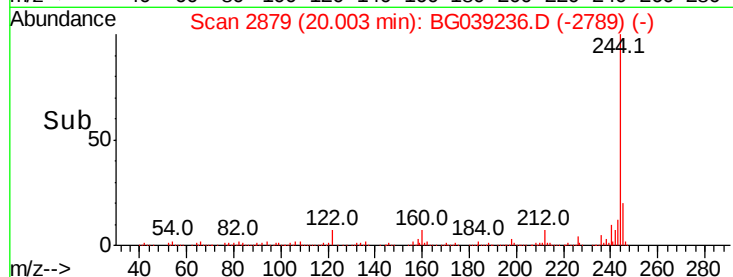
122 6.7 6.1 9.1



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: BG039236.D

Acq: 21 Jan 2019 16:40

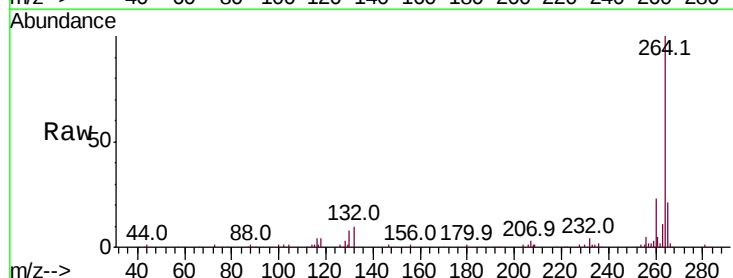
Tgt Ion:264 Resp: 121544

Ion Ratio Lower Upper

264 100

260 22.5 17.0 25.6

265 21.1 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

