

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012119\
 Data File : BG039237.D
 Acq On : 21 Jan 2019 17:20
 Operator : JU/SJ
 Sample : K1205-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C-2

Quant Time: Jan 21 17:58:12 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

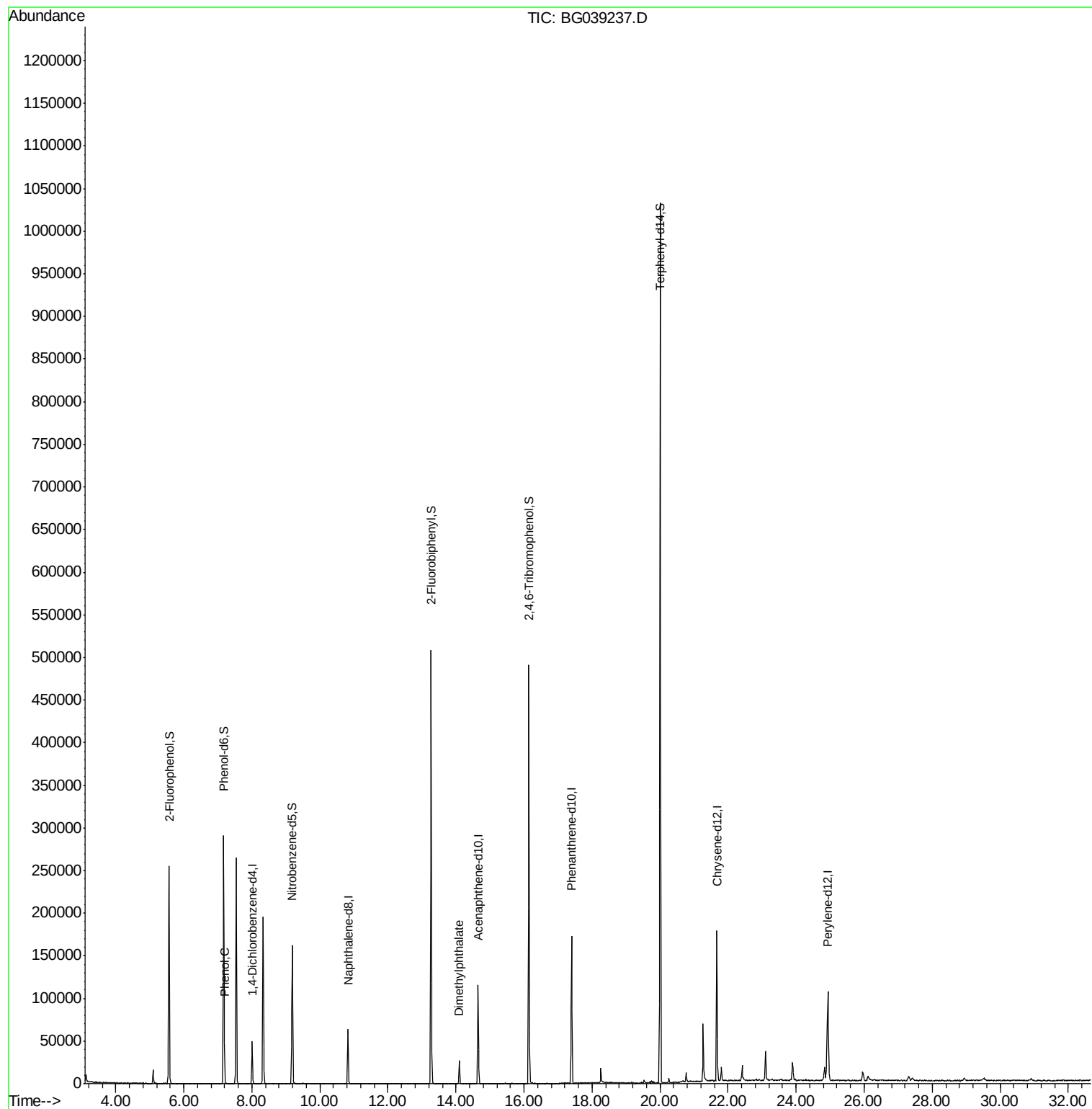
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	15358	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	58440	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	43536	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	112555	20.00	ng	0.00
76) Chrysene-d12	21.67	240	114498	20.00	ng	-0.01
87) Perylene-d12	24.92	264	127879	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	117286	144.87	ng	0.00
7) Phenol-d6	7.17	99	165874	142.37	ng	0.00
23) Nitrobenzene-d5	9.18	82	97195	91.01	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	101755	139.43	ng	-0.01
45) 2-Fluorobiphenyl	13.27	172	279196	87.77	ng	0.00
79) Terphenyl-d14	20.00	244	517402	83.59	ng	0.00
Target Compounds						
10) Phenol	7.20	94	2348	2.010	ng	Qvalue # 61
50) Dimethylphthalate	14.10	163	21034	5.717	ng	97

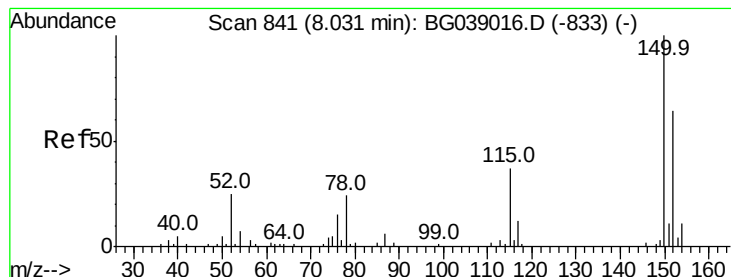
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BG039237.D

Acq: 21 Jan 2019 17:20

Instrument :

BNA_G

ClientSampleId :

C-2

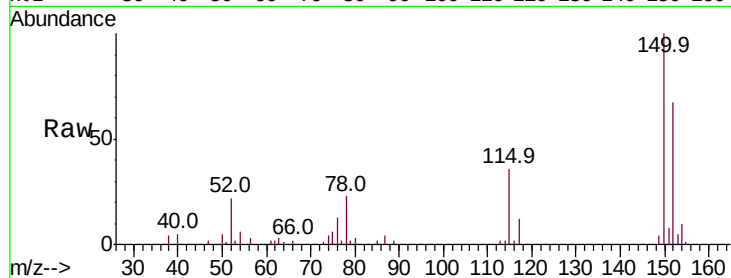
Tot Ion:152 Resp: 15358

Ion Ratio Lower Upper

152 100

150 149.3 124.7 187.1

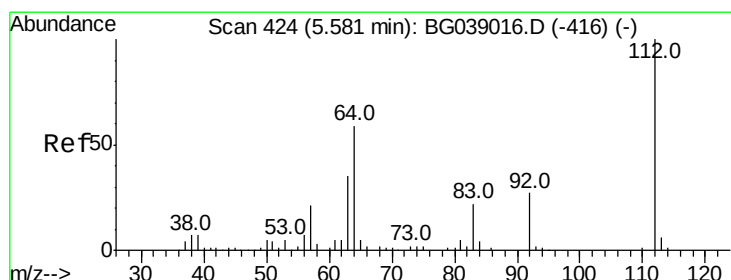
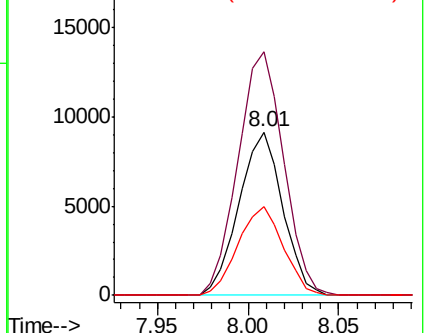
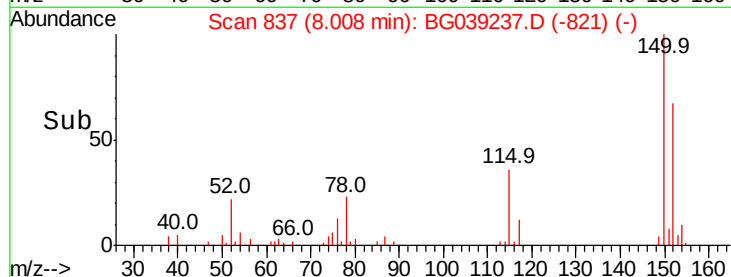
115 54.2 46.5 69.7



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: 144.869 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.01 min

Lab File: BG039237.D

Acq: 21 Jan 2019 17:20

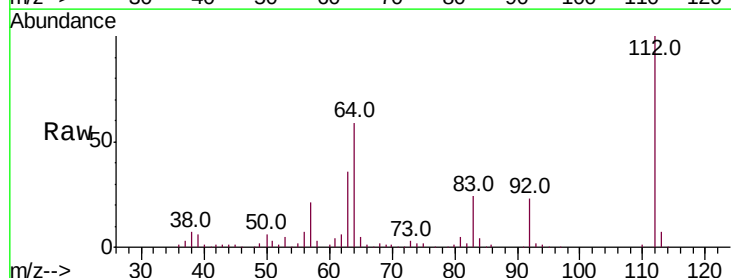
Tgt Ion:112 Resp: 117286

Ion Ratio Lower Upper

112 100

64 58.5 47.0 70.6

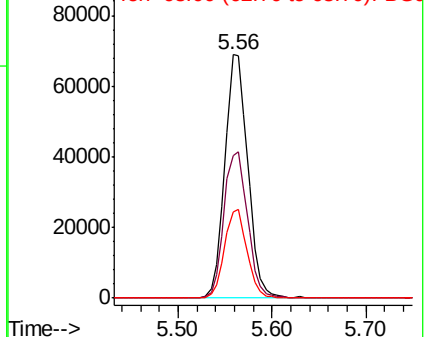
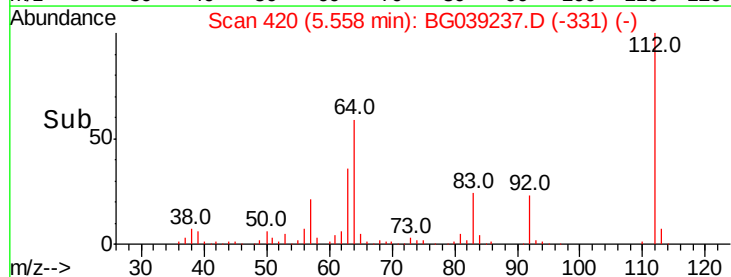
63 35.5 28.0 42.0

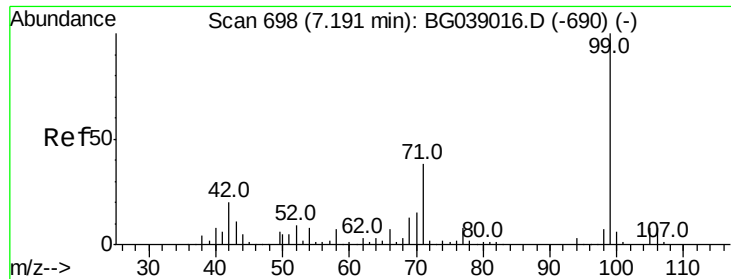


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 142.366 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG039237.D

Acq: 21 Jan 2019 17:20

Instrument :

BNA_G

ClientSampleId :

C-2

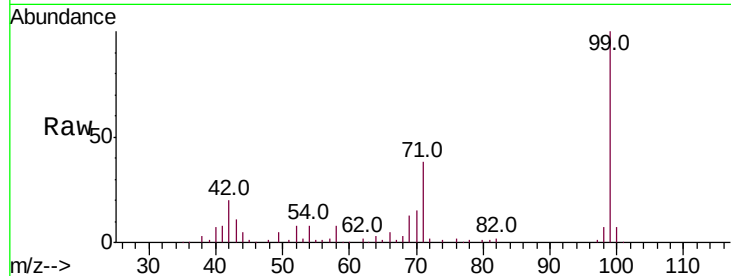
Tot Ion: 99 Resp: 165874

Ion Ratio Lower Upper

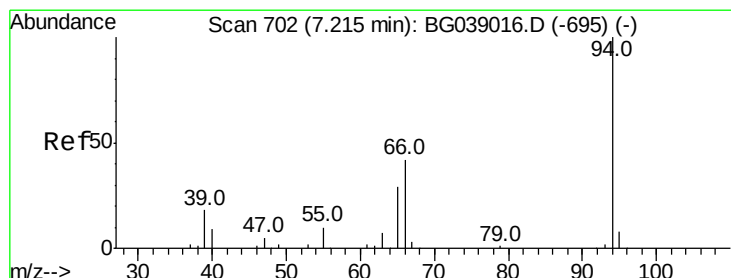
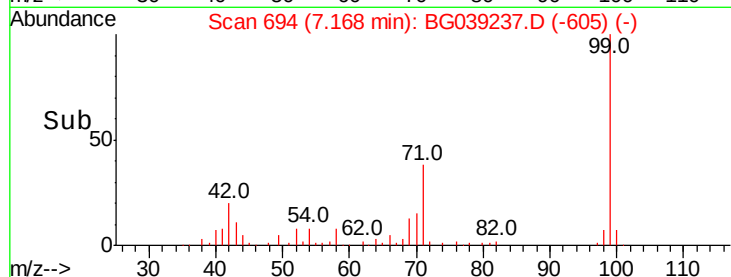
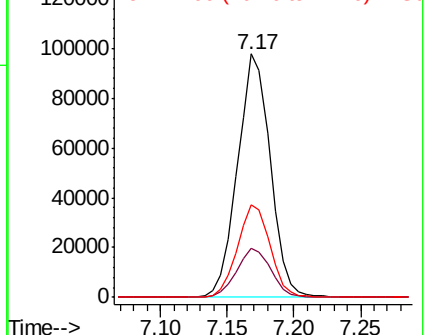
99 100

42 20.0 15.8 23.6

71 37.8 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: 2.010 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG039237.D

Acq: 21 Jan 2019 17:20

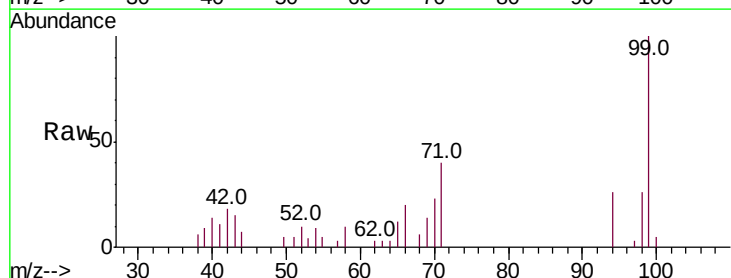
Tgt Ion: 94 Resp: 2348

Ion Ratio Lower Upper

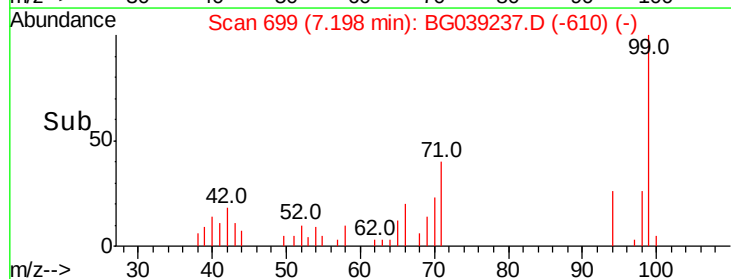
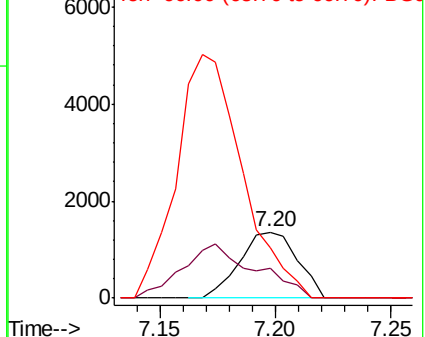
94 100

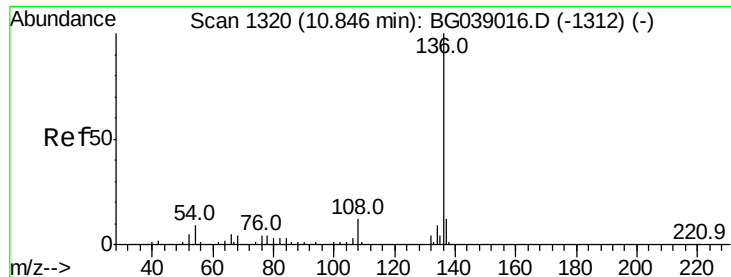
65 44.9 10.3 50.3

66 75.7 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

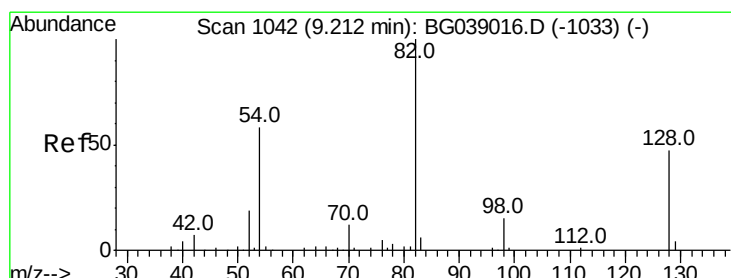
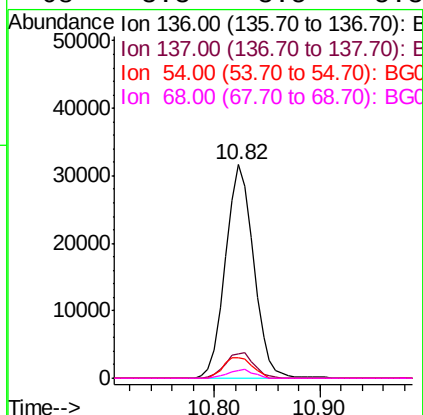
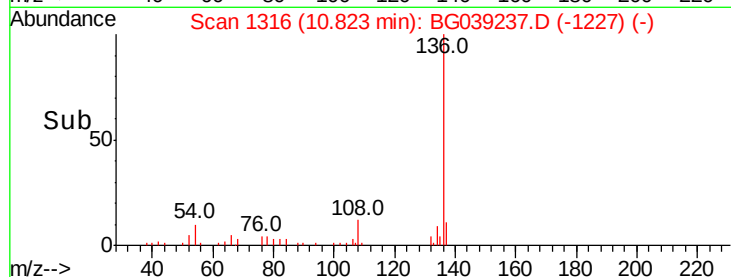
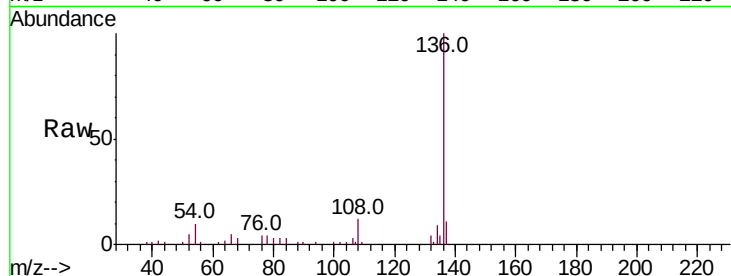




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG039237.D
Acq: 21 Jan 2019 17:20

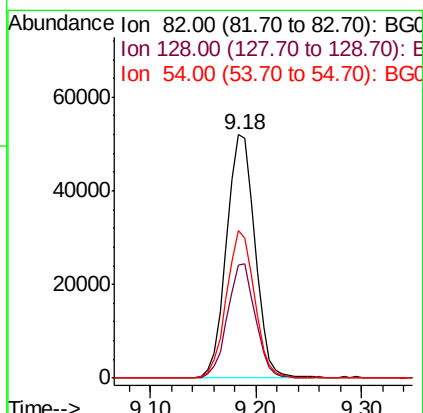
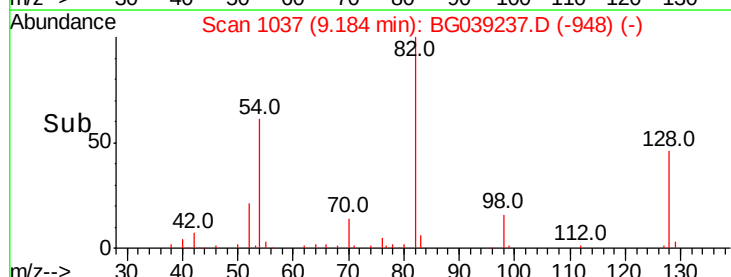
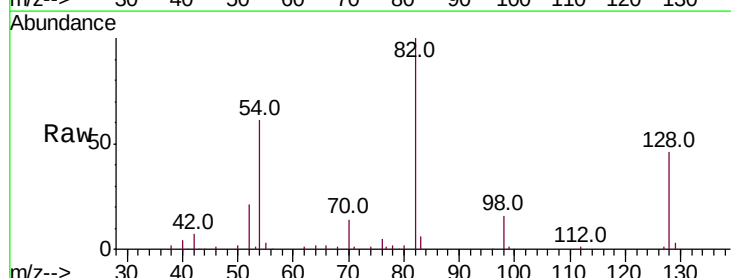
Instrument :
BNA_G
ClientSampled :
C-2

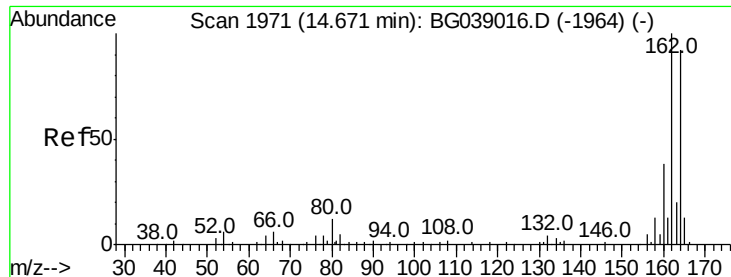
Tot Ion:136	Resp:	58440
Ion	Ratio	Lower Upper
136	100	
137	11.3	9.4 14.2
54	9.8	7.2 10.8
68	3.3	3.5 5.3#



#23
Nitrobenzene-d5
Concen: 91.007 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BG039237.D
Acq: 21 Jan 2019 17:20

Tgt Ion: 82	Resp:	97195
Ion	Ratio	Lower Upper
82	100	
128	46.3	37.3 55.9
54	60.9	46.4 69.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG039237.D

Acq: 21 Jan 2019 17:20

Instrument :

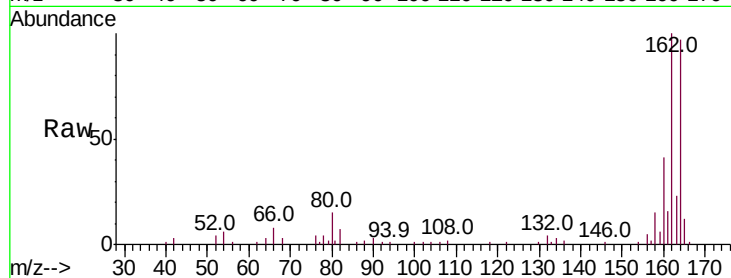
BNA_G

ClientSampleId :

C-2

Tot Ion:164 Resp: 43536

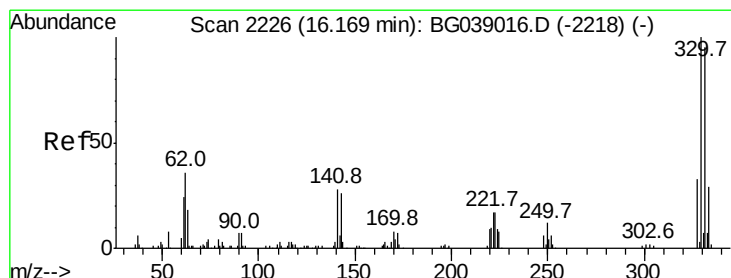
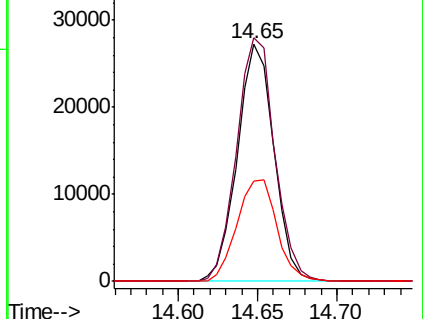
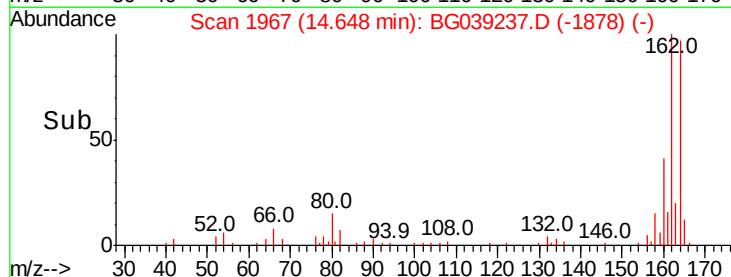
Ion	Ratio	Lower	Upper
164	100		
162	102.6	87.2	130.8
160	42.0	33.3	49.9



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: 139.432 ng

RT: 16.14 min Scan# 2221

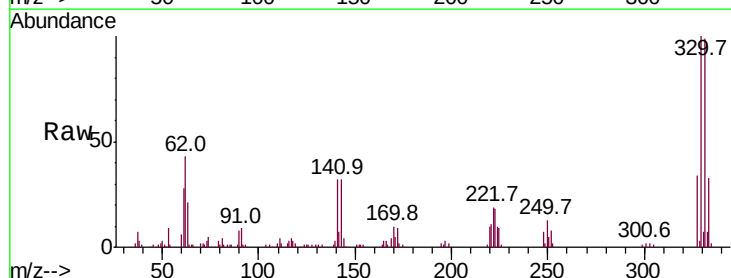
Delta R.T. -0.01 min

Lab File: BG039237.D

Acq: 21 Jan 2019 17:20

Tgt Ion:330 Resp: 101755

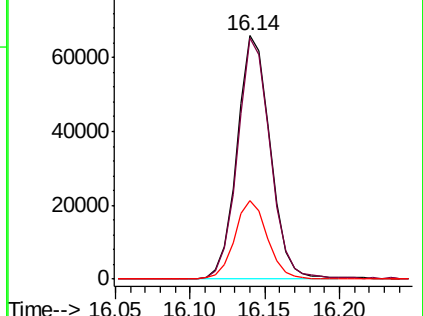
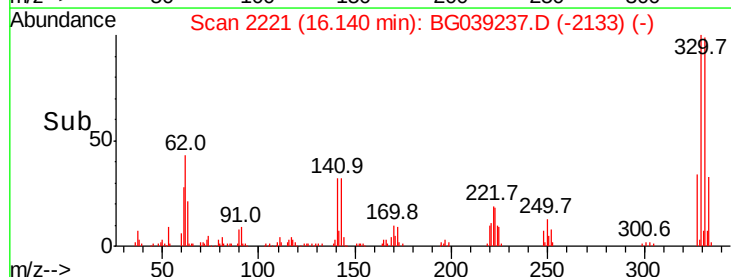
Ion	Ratio	Lower	Upper
330	100		
332	97.4	75.7	113.5
141	32.2	24.9	37.3

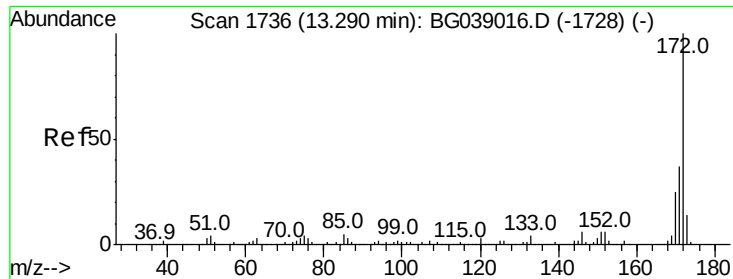


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

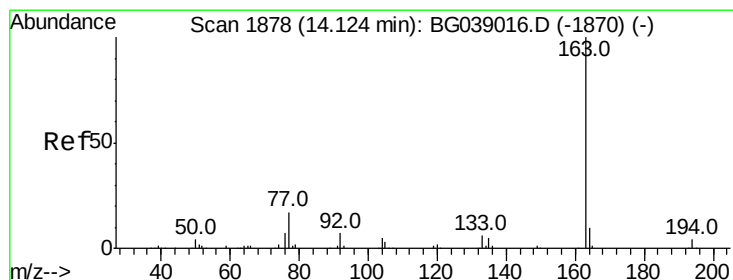
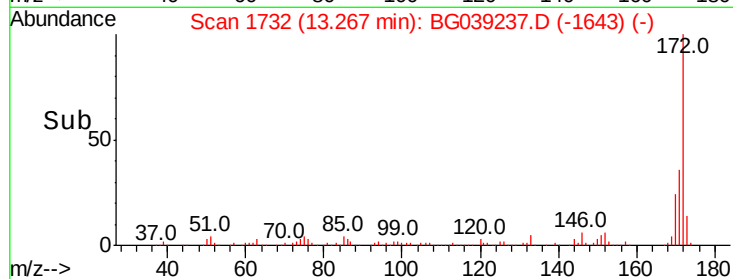
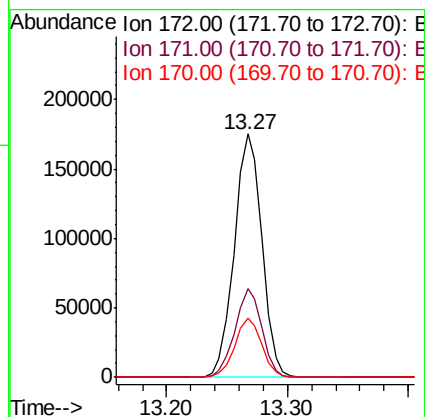
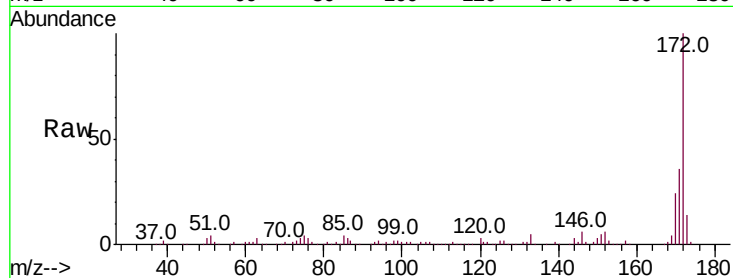




#45
 2-Fluorobiphenyl
 Concen: 87.766 ng
 RT: 13.27 min Scan# 1732
 Delta R.T. -0.01 min
 Lab File: BG039237.D
 Acq: 21 Jan 2019 17:20

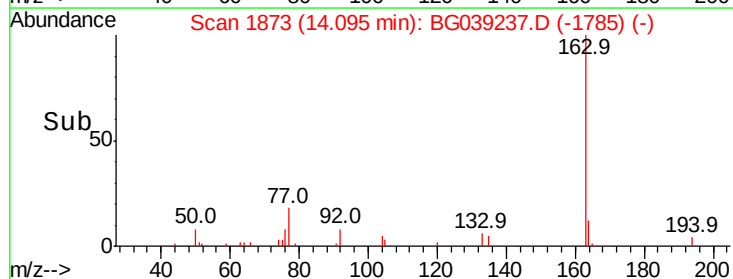
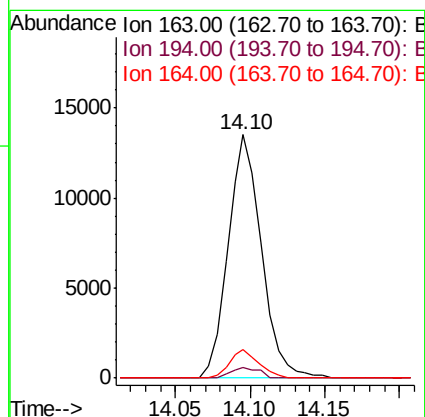
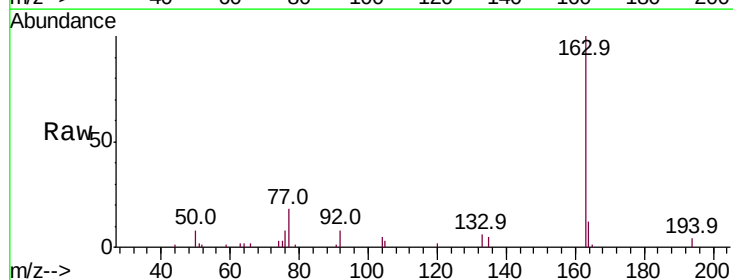
Instrument :
 BNA_G
 ClientSampleId :
 C-2

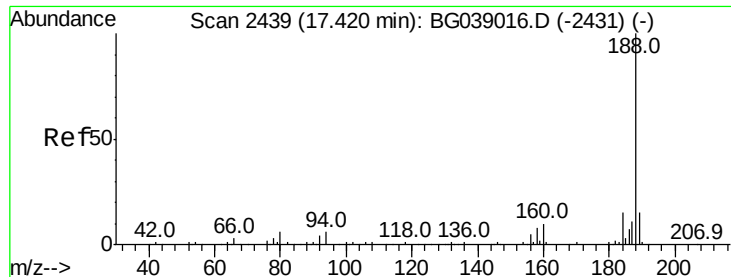
Tot Ion:	172	Resp:	279196
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	24.4	20.1	30.1



#50
 Dimethylphthalate
 Concen: 5.717 ng
 RT: 14.10 min Scan# 1873
 Delta R.T. -0.01 min
 Lab File: BG039237.D
 Acq: 21 Jan 2019 17:20

Tgt Ion:	163	Resp:	21034
Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.6	5.4
164	11.8	8.2	12.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG039237.D

Acq: 21 Jan 2019 17:20

Instrument :

BNA_G

ClientSampleId :

C-2

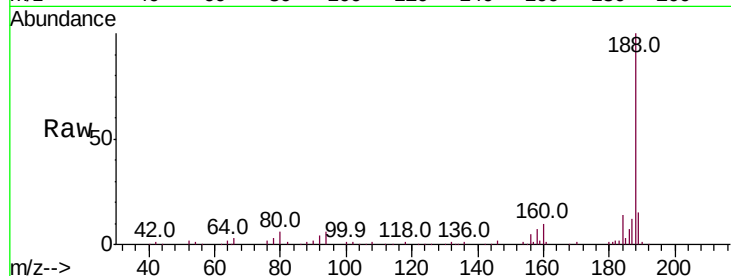
Tot Ion:188 Resp: 112555

Ion Ratio Lower Upper

188 100

94 5.6 5.0 7.4

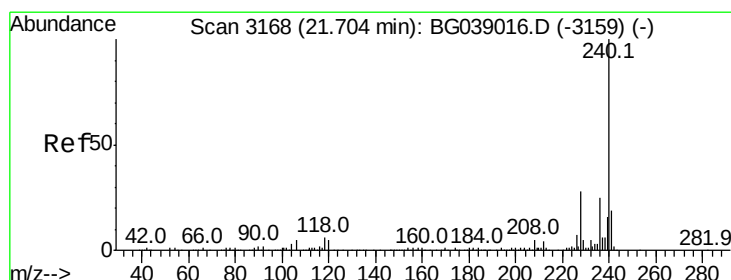
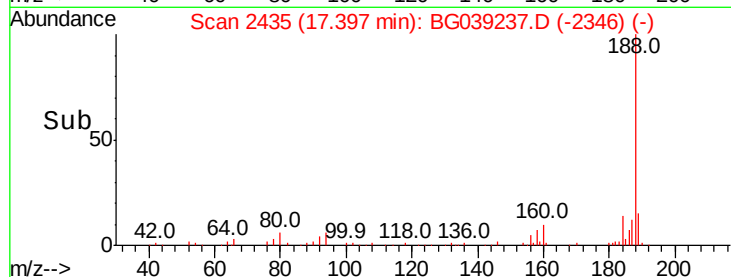
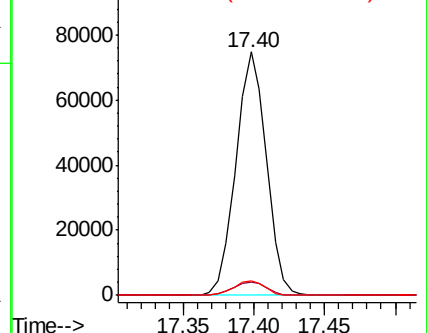
80 5.9 4.7 7.1



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# 3162

Delta R.T. -0.01 min

Lab File: BG039237.D

Acq: 21 Jan 2019 17:20

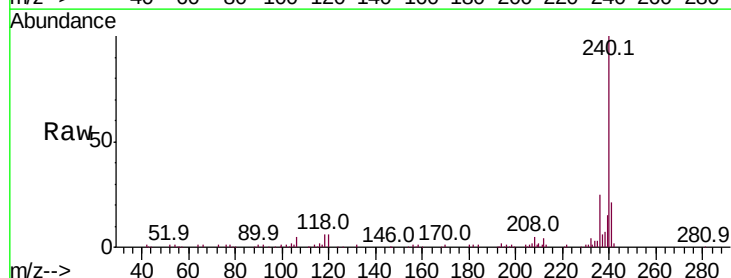
Tgt Ion:240 Resp: 114498

Ion Ratio Lower Upper

240 100

120 6.0 4.3 6.5

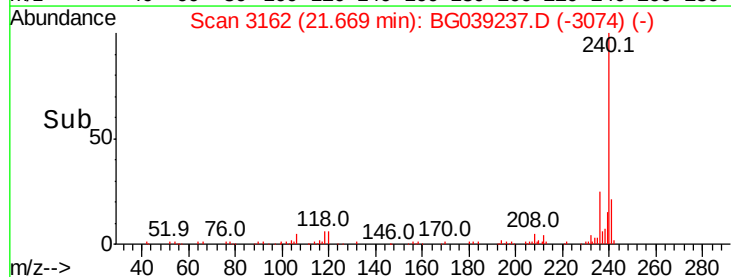
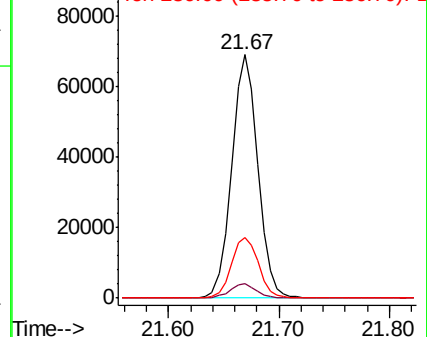
236 24.8 20.1 30.1

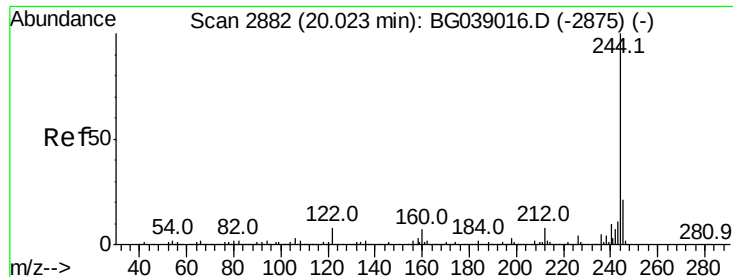


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 83.594 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BG039237.D

Acq: 21 Jan 2019 17:20

Instrument :

BNA_G

ClientSampled :

C-2

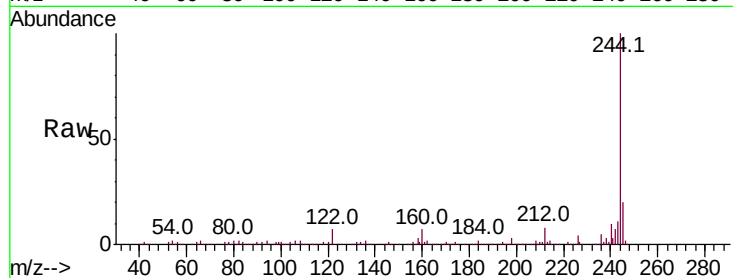
Tot Ion:244 Resp: 517402

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

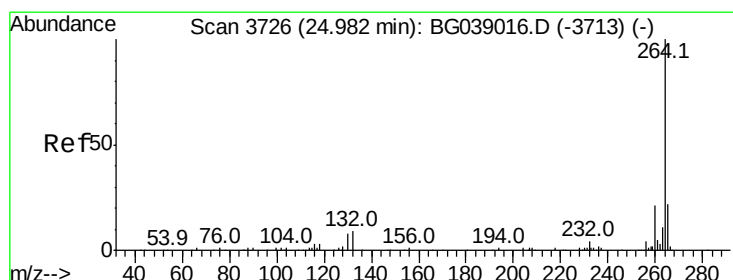
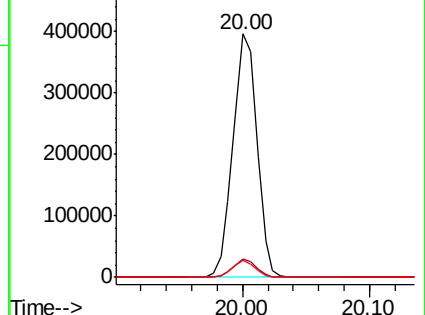
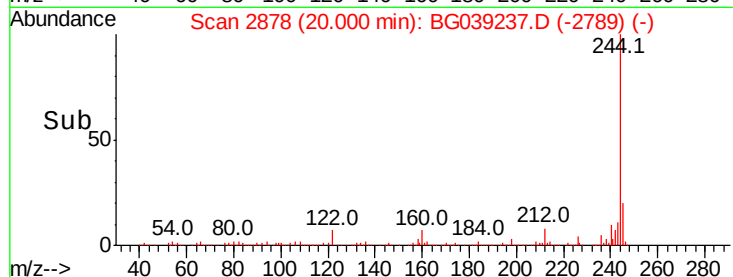
122 7.0 6.1 9.1



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: 24.92 min Scan# 3716

Delta R.T. -0.02 min

Lab File: BG039237.D

Acq: 21 Jan 2019 17:20

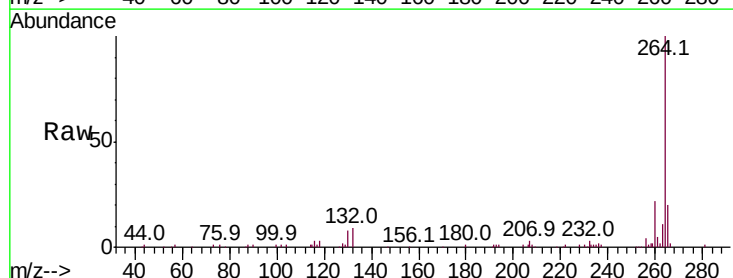
Tgt Ion:264 Resp: 127879

Ion Ratio Lower Upper

264 100

260 21.6 17.0 25.6

265 20.4 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

