

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020819\
 Data File : BG039418.D
 Acq On : 8 Feb 2019 16:39
 Operator : JU/SJ
 Sample : K1404-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A0C12-SS1-7.5-8.0

Quant Time: Feb 09 00:06:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

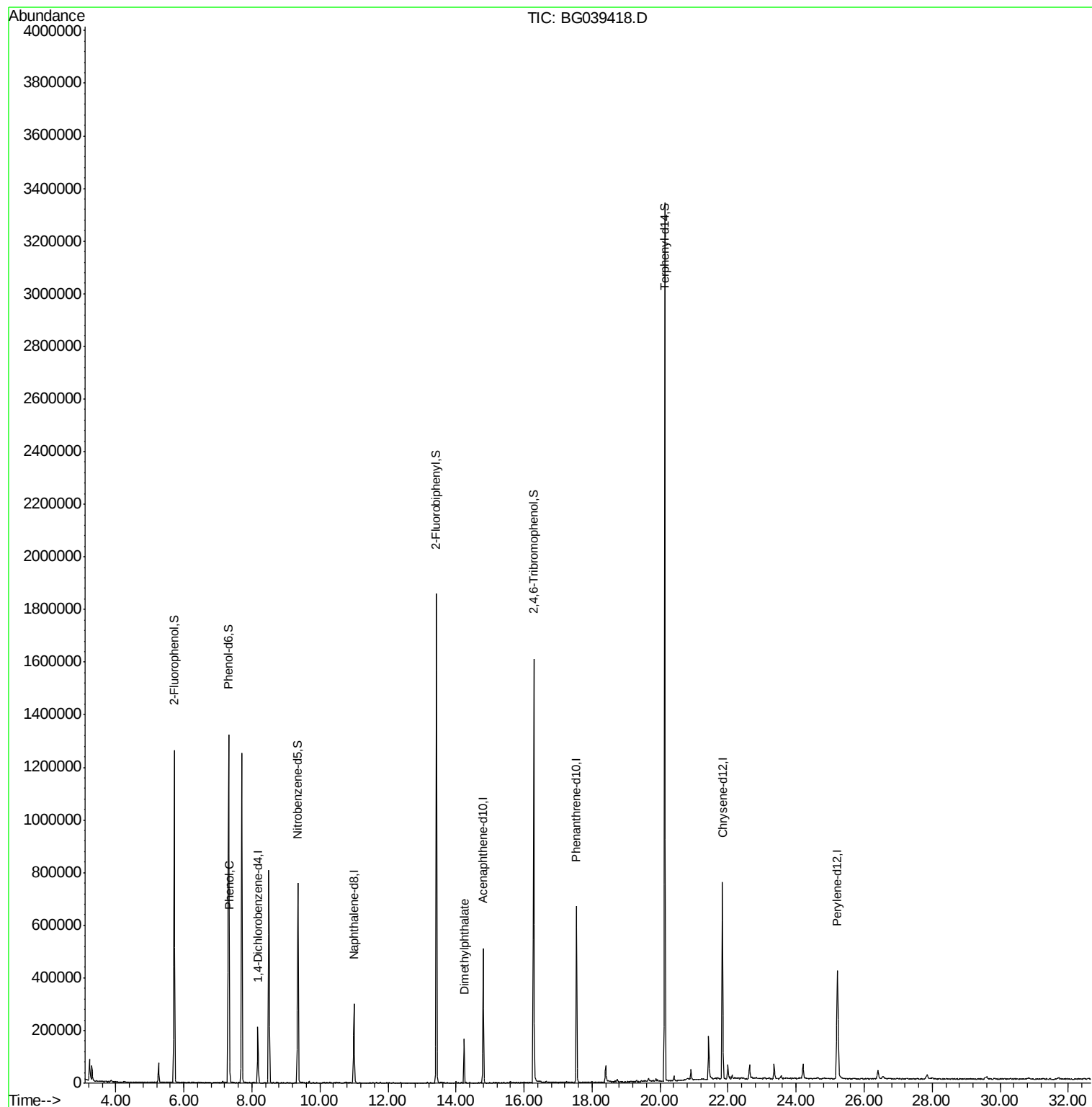
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	57222	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	256444	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	173437	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	420336	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	450302	20.00	ng	-0.02
87) Perylene-d12	25.21	264	458437	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	529663	158.42	ng	0.00
7) Phenol-d6	7.31	99	765296	155.51	ng	0.00
23) Nitrobenzene-d5	9.35	82	455863	111.05	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	292881	156.82	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	974011	80.56	ng	-0.01
79) Terphenyl-d14	20.14	244	1540039	72.39	ng	-0.01
Target Compounds						
10) Phenol	7.34	94	51364	10.012	ng	95
50) Dimethylphthalate	14.24	163	114476	8.173	ng	99

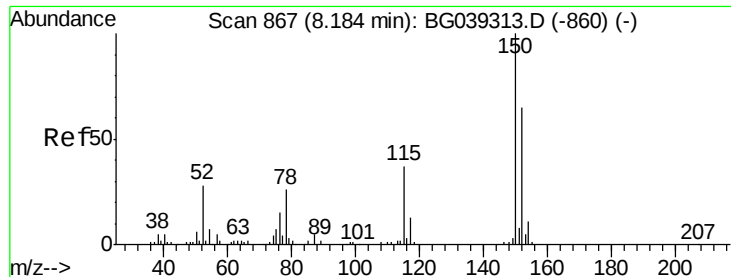
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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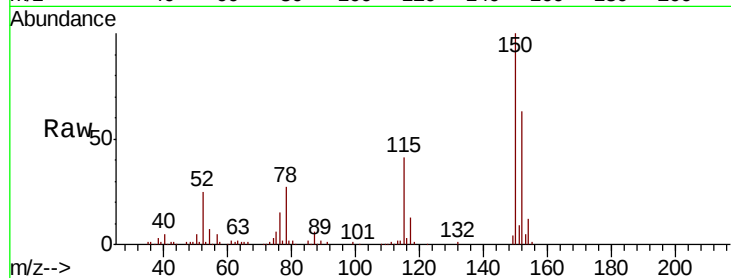


#1

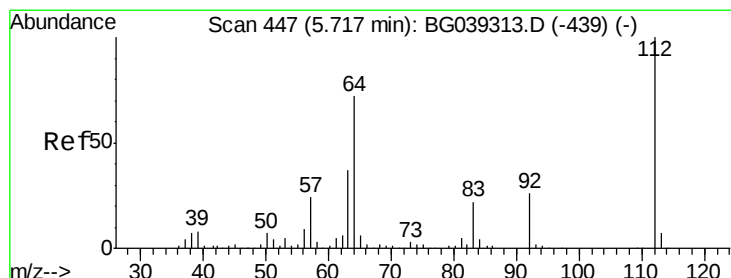
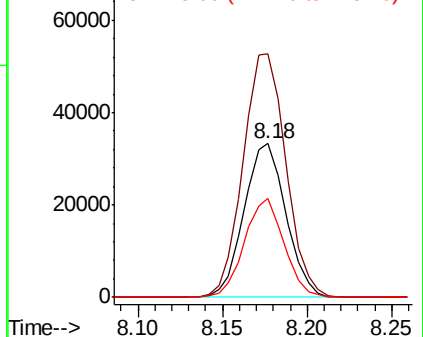
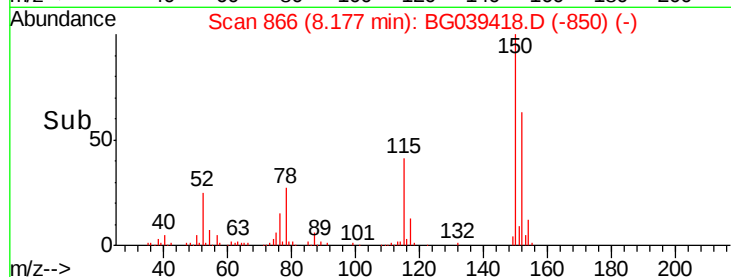
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BG039418.D
Acq: 8 Feb 2019 16:39

Instrument :
BNA_G
ClientSampleId :
A0C12-SS1-7.5-8.0

Tot Ion:152 Resp: 57222
Ion Ratio Lower Upper
152 100
150 158.2 123.7 185.5
115 64.3 45.9 68.9



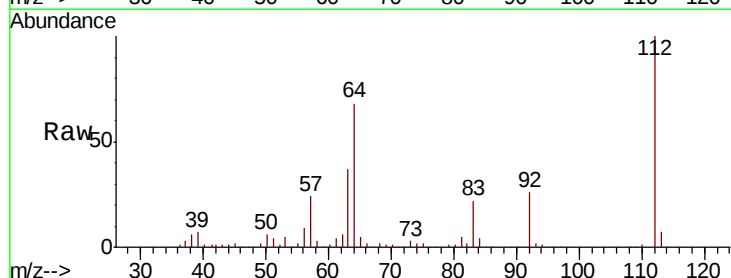
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



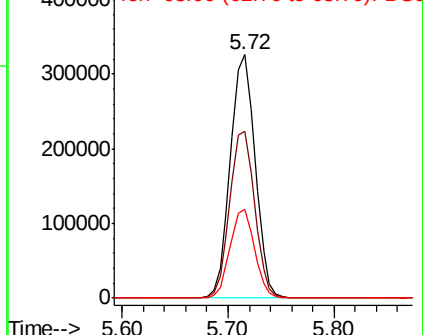
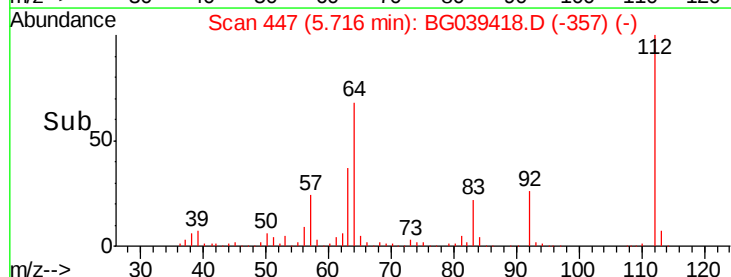
#5

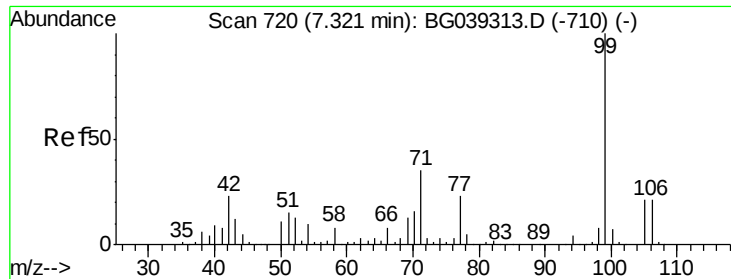
2-Fluorophenol
Concen: 158.422 ng
RT: 5.72 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039418.D
Acq: 8 Feb 2019 16:39

Tgt Ion:112 Resp: 529663
Ion Ratio Lower Upper
112 100
64 68.4 57.8 86.8
63 36.6 29.8 44.6



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: 155.506 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039418.D

Acq: 8 Feb 2019 16:39

Instrument :

BNA_G

ClientSampleId :

A0C12-SS1-7.5-8.0

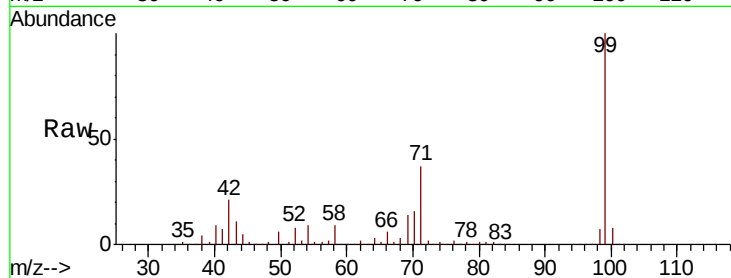
Tot Ion: 99 Resp: 765296

Ion Ratio Lower Upper

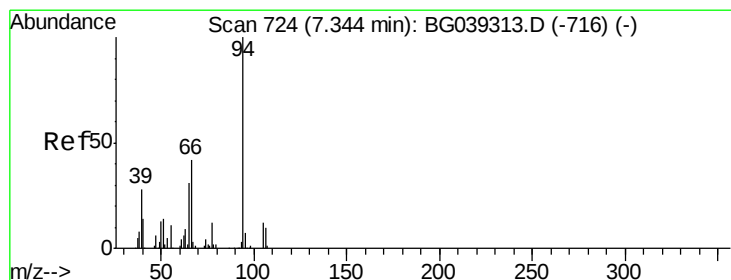
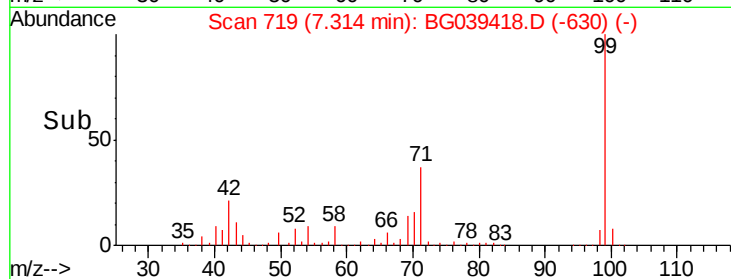
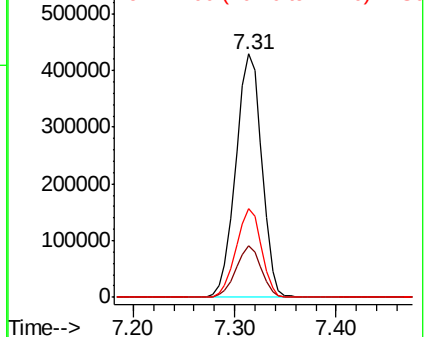
99 100

42 21.4 18.2 27.2

71 36.6 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: 10.012 ng

RT: 7.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BG039418.D

Acq: 8 Feb 2019 16:39

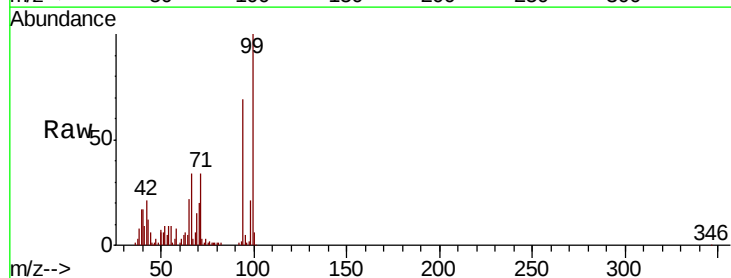
Tgt Ion: 94 Resp: 51364

Ion Ratio Lower Upper

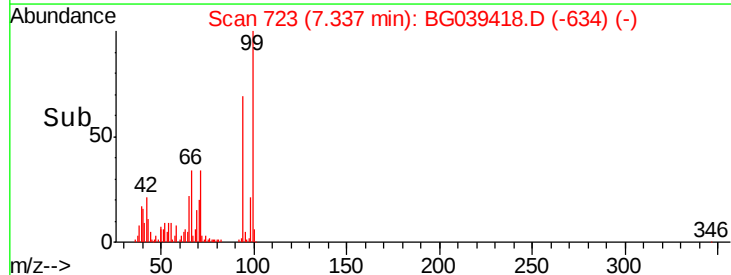
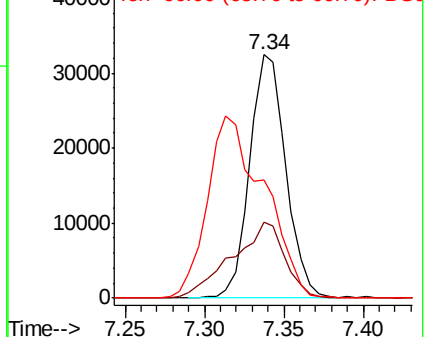
94 100

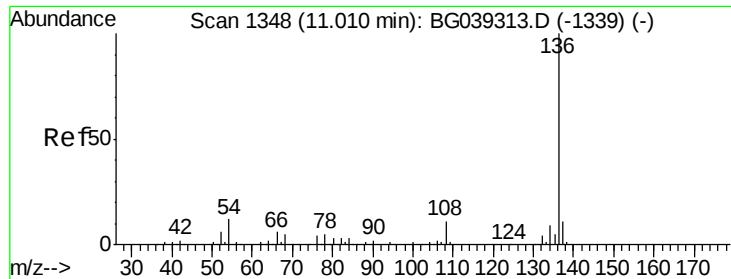
65 31.3 11.7 51.7

66 48.7 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

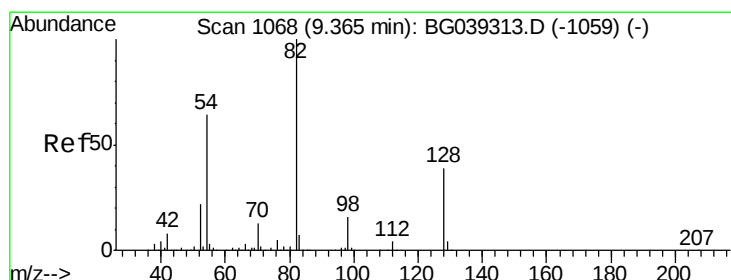
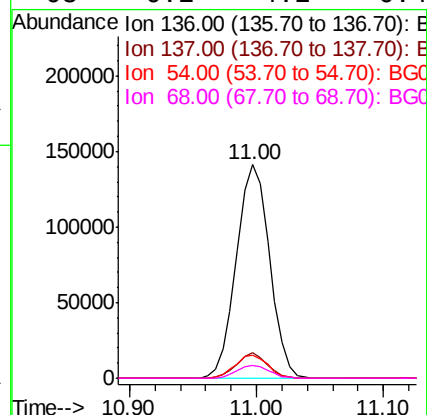
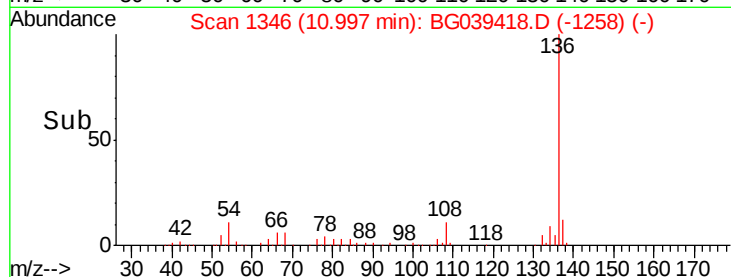
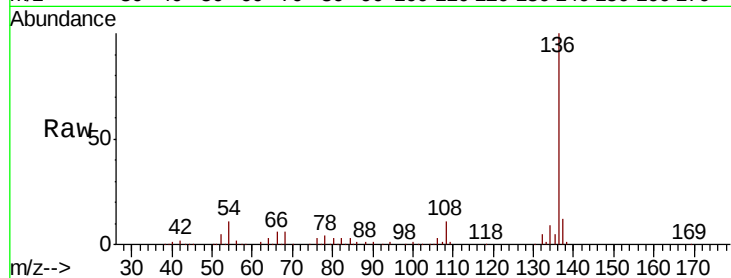




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG039418.D
Acq: 8 Feb 2019 16:39

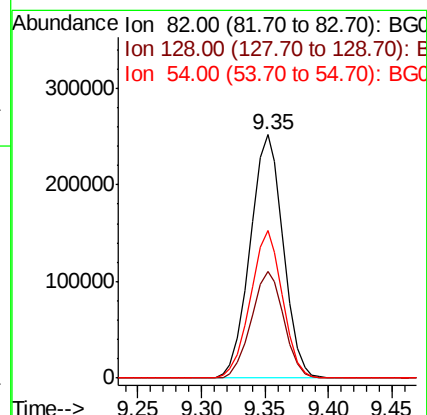
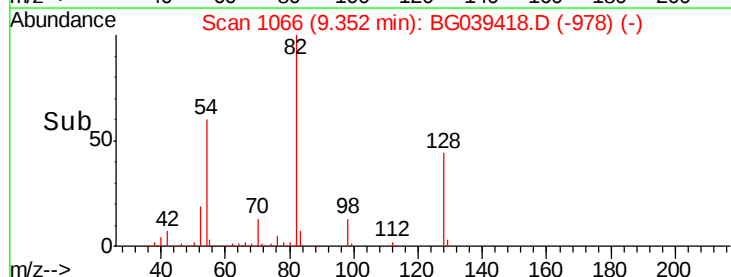
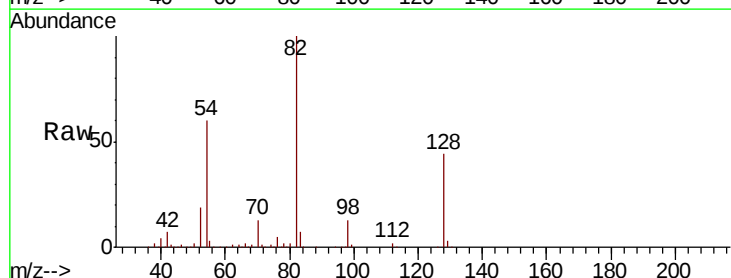
Instrument :
BNA_G
ClientSampleId :
A0C12-SS1-7.5-8.0

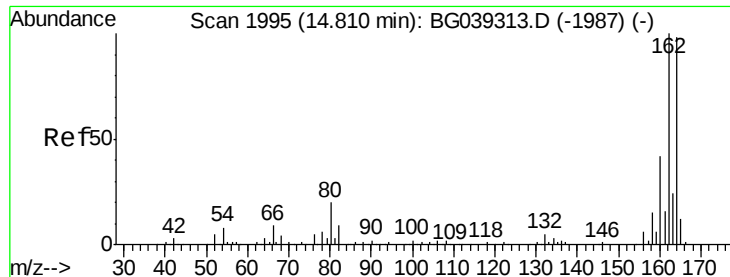
Tot Ion:136	Resp:	256444	
Ion Ratio	Lower	Upper	
136 100			
137 11.8	9.1	13.7	
54 10.7	9.4	14.2	
68 6.2	4.2	6.4	



#23
Nitrobenzene-d5
Concen: 111.051 ng
RT: 9.35 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG039418.D
Acq: 8 Feb 2019 16:39

Tgt	Ion: 82	Resp:	455863
Ion	Ratio	Lower	Upper
82	100		
128	44.0	31.3	46.9
54	60.4	50.9	76.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BG039418.D

Acq: 8 Feb 2019 16:39

Instrument :

BNA_G

ClientSampleId :

A0C12-SS1-7.5-8.0

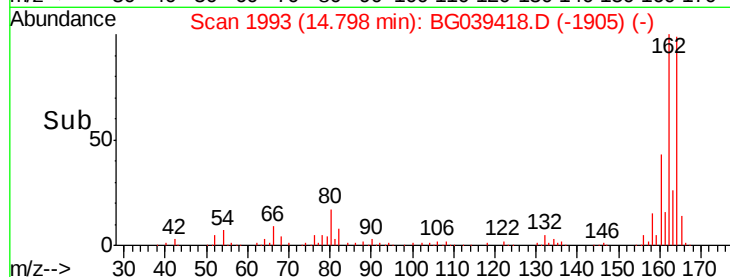
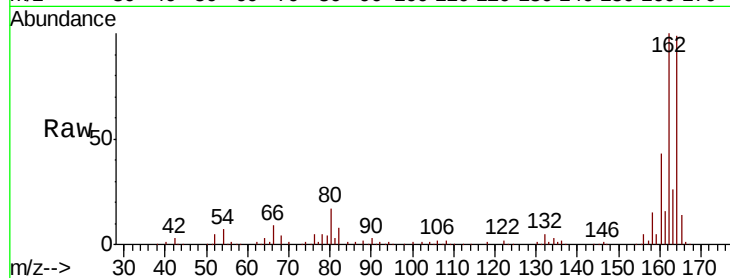
Tot Ion:164 Resp: 173437

Ion Ratio Lower Upper

164 100

162 101.3 81.6 122.4

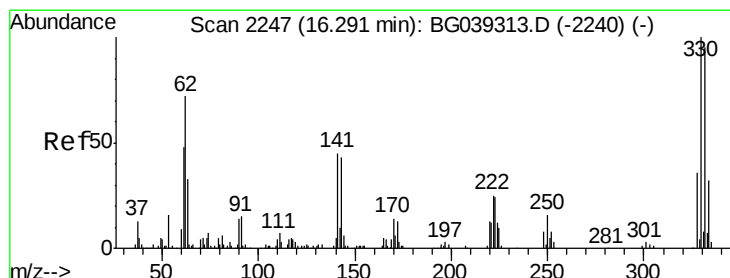
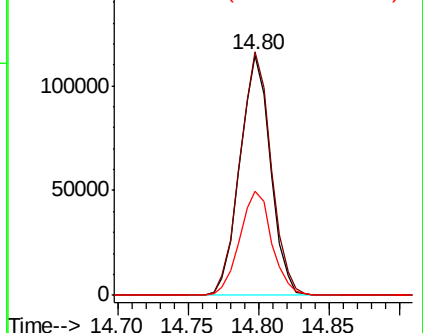
160 43.5 34.2 51.2



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: 156.820 ng

RT: 16.28 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BG039418.D

Acq: 8 Feb 2019 16:39

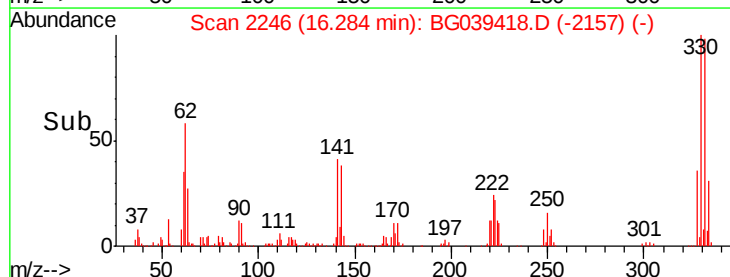
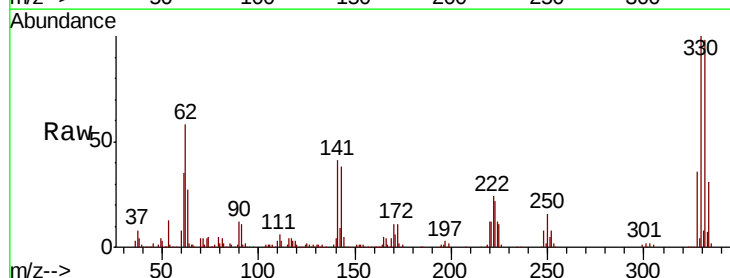
Tgt Ion:330 Resp: 292881

Ion Ratio Lower Upper

330 100

332 96.2 75.7 113.5

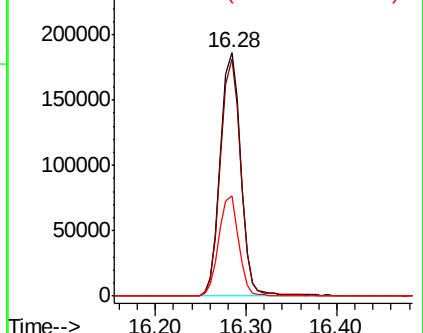
141 40.0 35.6 53.4

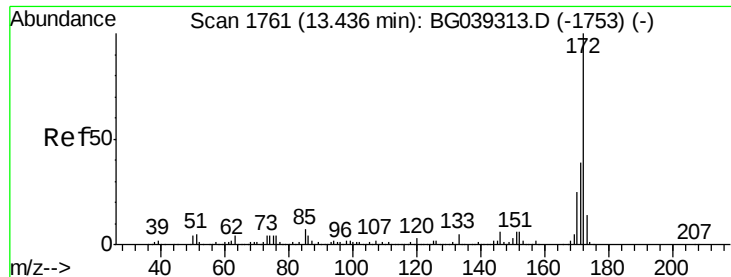


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

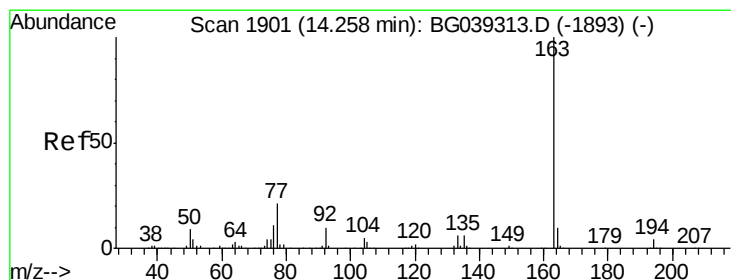
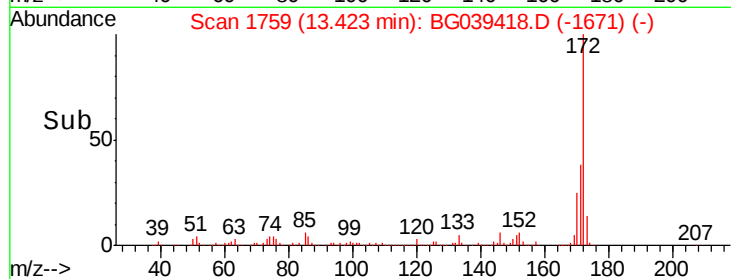
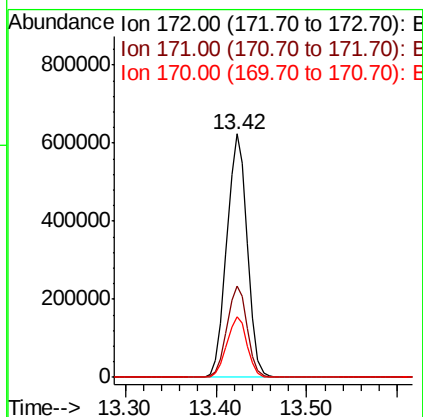
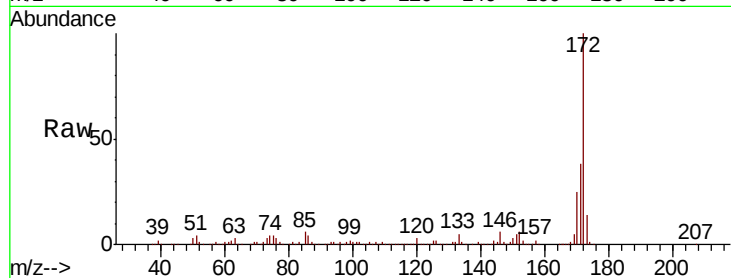




#45
 2-Fluorobiphenyl
 Concen: 80.563 ng
 RT: 13.42 min Scan# 1759
 Delta R.T. -0.01 min
 Lab File: BG039418.D
 Acq: 8 Feb 2019 16:39

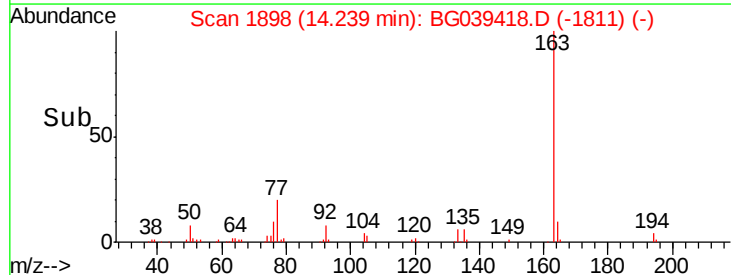
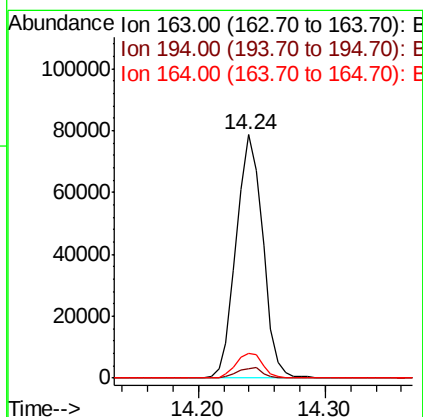
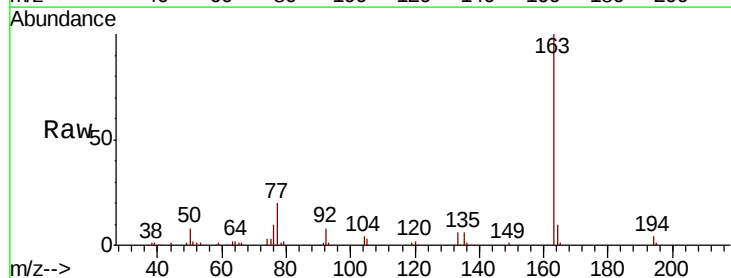
Instrument :
 BNA_G
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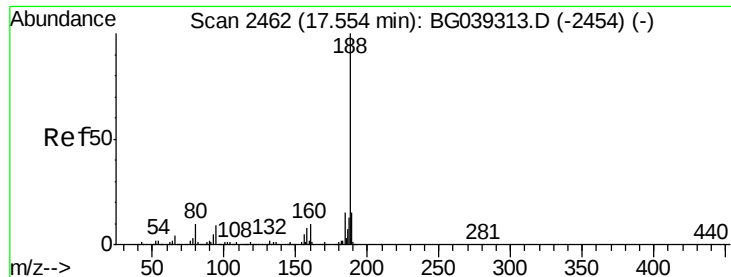
Tot Ion:172 Resp: 974011
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.8 46.2
 170 24.7 20.2 30.4



#50
 Dimethylphthalate
 Concen: 8.173 ng
 RT: 14.24 min Scan# 1898
 Delta R.T. -0.02 min
 Lab File: BG039418.D
 Acq: 8 Feb 2019 16:39

Tgt Ion:163 Resp: 114476
 Ion Ratio Lower Upper
 163 100
 194 4.0 3.6 5.4
 164 10.4 8.4 12.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.54 min Scan# 2460

Delta R.T. -0.01 min

Lab File: BG039418.D

Acq: 8 Feb 2019 16:39

Instrument :

BNA_G

ClientSampleId :

A0C12-SS1-7.5-8.0

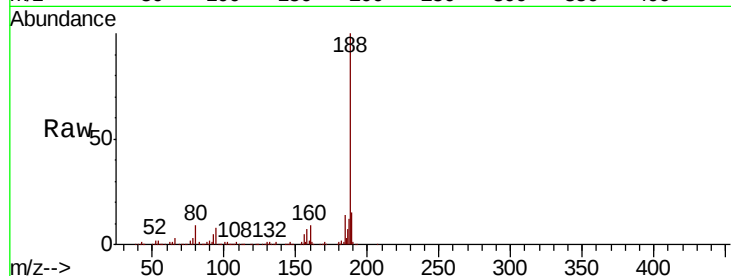
Tot Ion:188 Resp: 420336

Ion Ratio Lower Upper

188 100

94 8.2 6.9 10.3

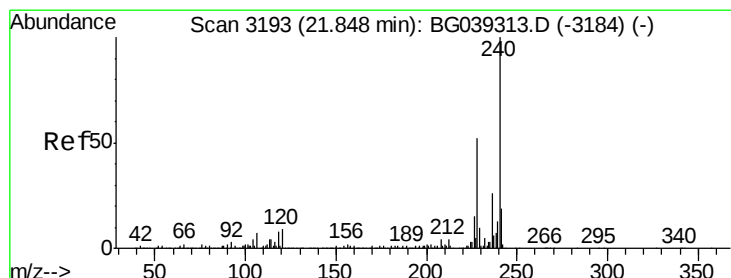
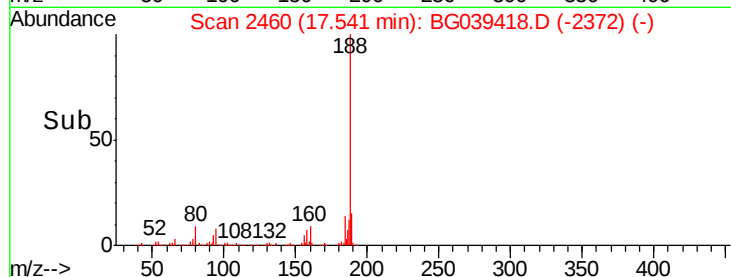
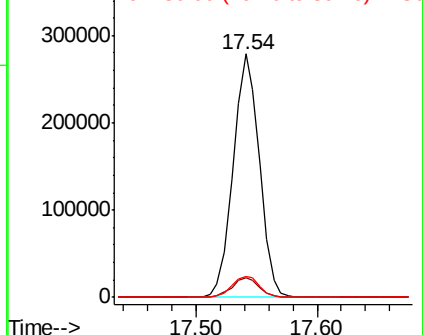
80 8.8 8.1 12.1



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: 21.83 min Scan# 3190

Delta R.T. -0.02 min

Lab File: BG039418.D

Acq: 8 Feb 2019 16:39

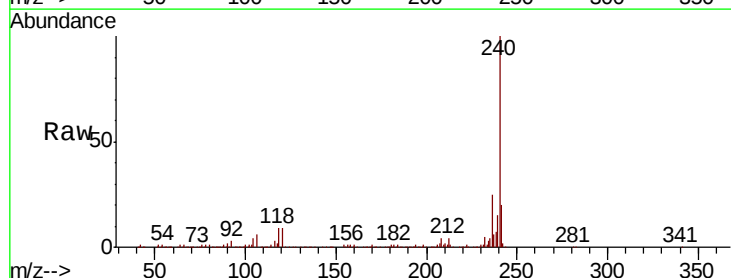
Tgt Ion:240 Resp: 450302

Ion Ratio Lower Upper

240 100

120 9.0 7.0 10.6

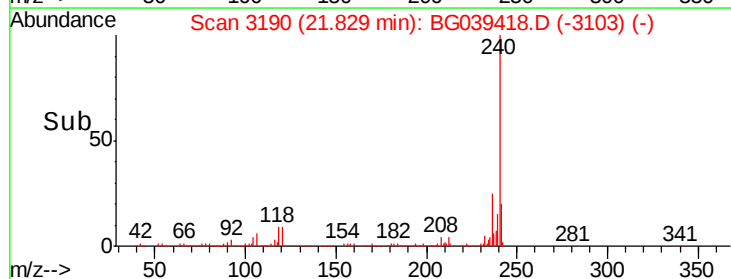
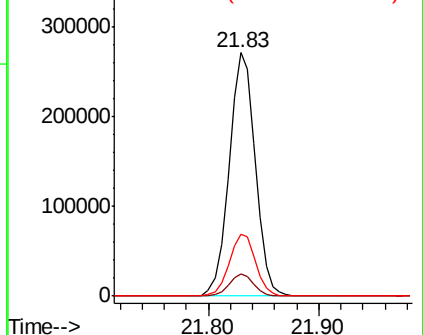
236 25.2 21.0 31.4

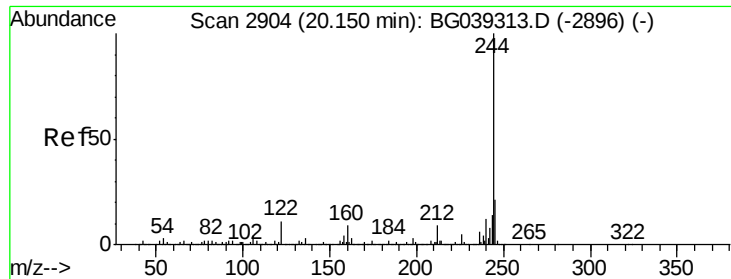


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 72.391 ng

RT: 20.14 min Scan# 2902

Delta R.T. -0.01 min

Lab File: BG039418.D

Acq: 8 Feb 2019 16:39

Instrument :

BNA_G

ClientSampleId :

A0C12-SS1-7.5-8.0

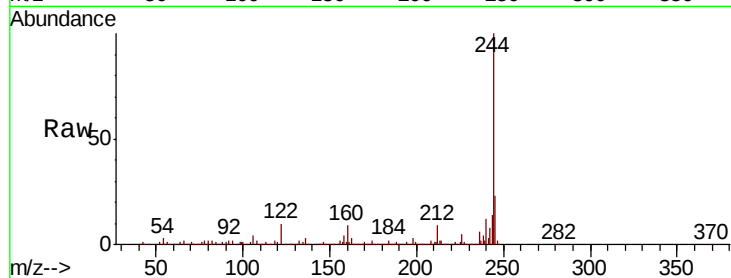
Tot Ion:244 Resp: 1540039

Ion Ratio Lower Upper

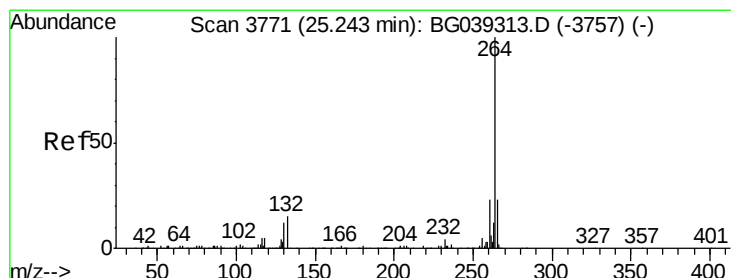
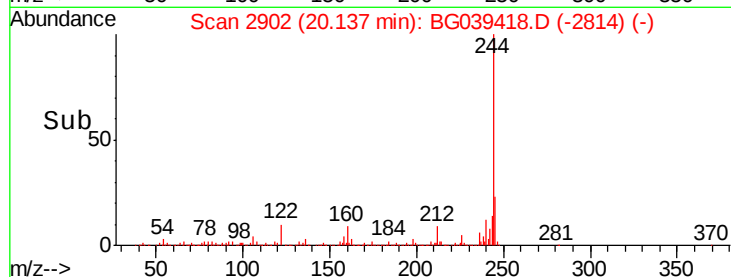
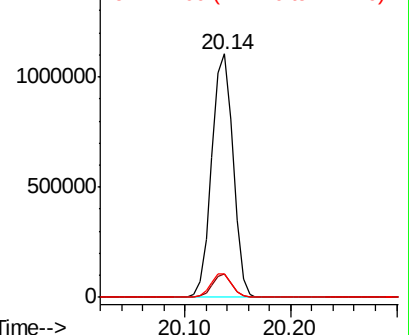
244 100

212 9.5 7.3 10.9

122 9.6 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E
1500000 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: 25.21 min Scan# 3766

Delta R.T. -0.03 min

Lab File: BG039418.D

Acq: 8 Feb 2019 16:39

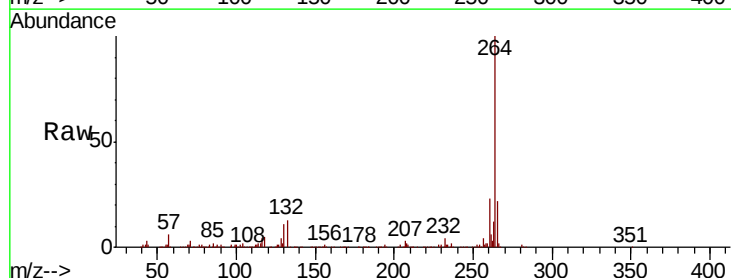
Tgt Ion:264 Resp: 458437

Ion Ratio Lower Upper

264 100

260 23.1 18.2 27.4

265 21.5 18.5 27.7



Abundance Ion 264.00 (263.70 to 264.70): E
200000 Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

