

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022819\
 Data File : BG039671.D
 Acq On : 28 Feb 2019 22:14
 Operator : JU/SJ
 Sample : K1628-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A0C6-2-0.5-1.0

Quant Time: Mar 01 06:52:32 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

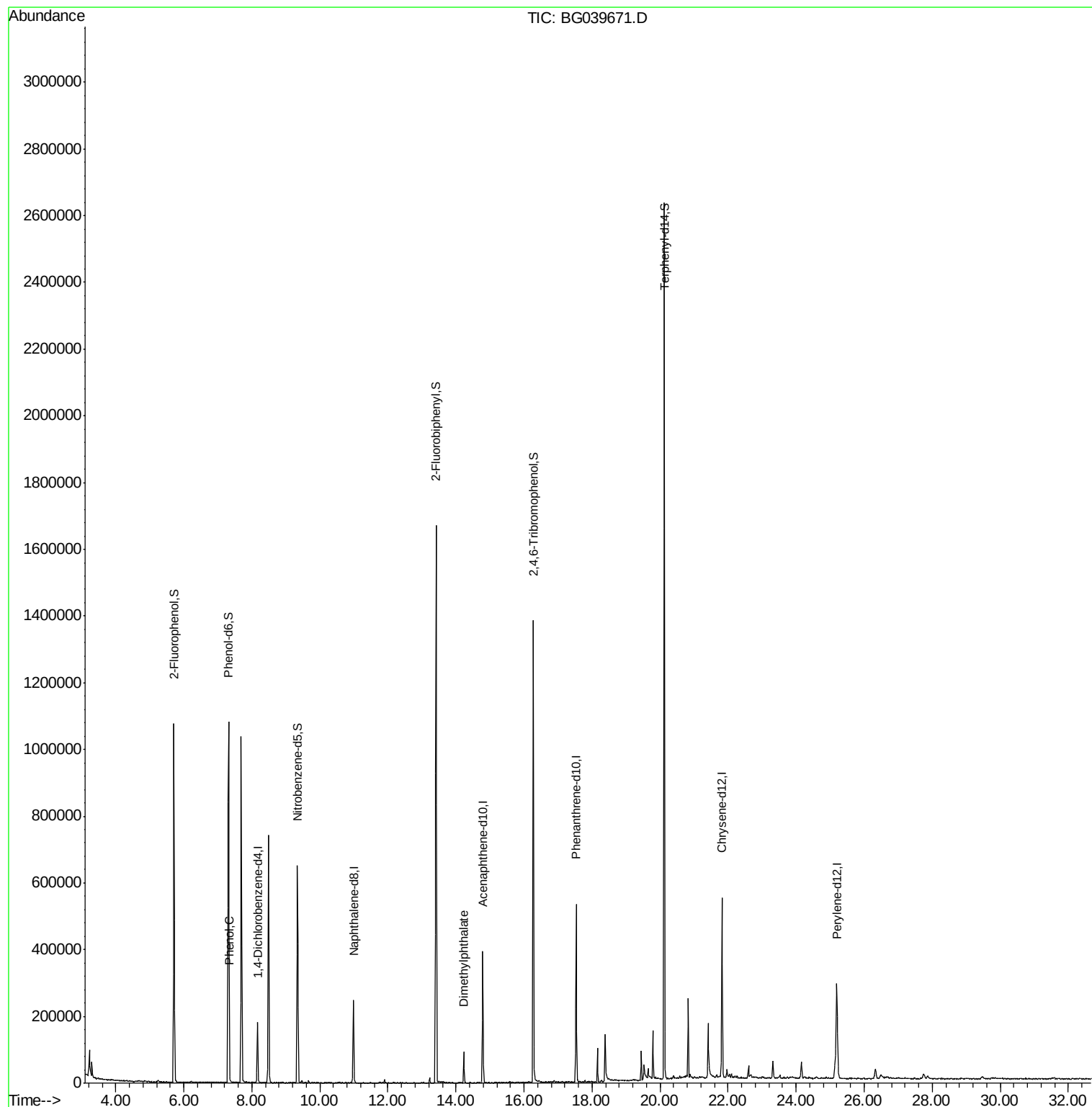
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	48889	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	211385	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	141142	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	335096	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	330322	20.00	ng	-0.03
87) Perylene-d12	25.20	264	327711	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	445212	155.86	ng	0.00
7) Phenol-d6	7.31	99	649379	154.44	ng	-0.01
23) Nitrobenzene-d5	9.34	82	389606	115.14	ng	-0.02
42) 2,4,6-Tribromophenol	16.27	330	241855	159.13	ng	-0.02
45) 2-Fluorobiphenyl	13.41	172	888384	90.29	ng	-0.02
79) Terphenyl-d14	20.13	244	1249045	80.04	ng	-0.02
Target Compounds						
10) Phenol	7.34	94	10009	2.284	ng	86
50) Dimethylphthalate	14.23	163	62856	5.514	ng	98

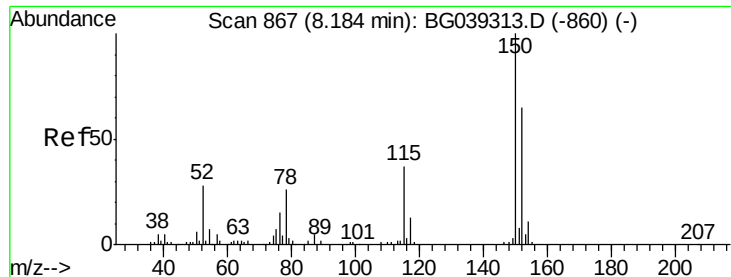
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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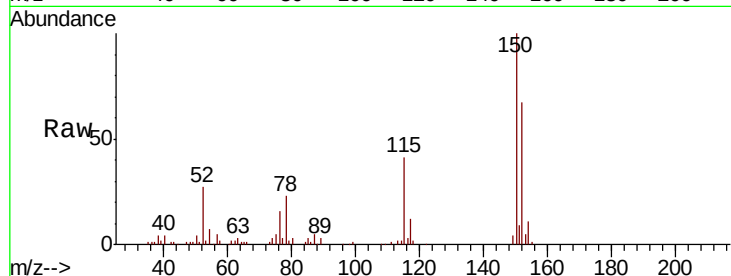


#1

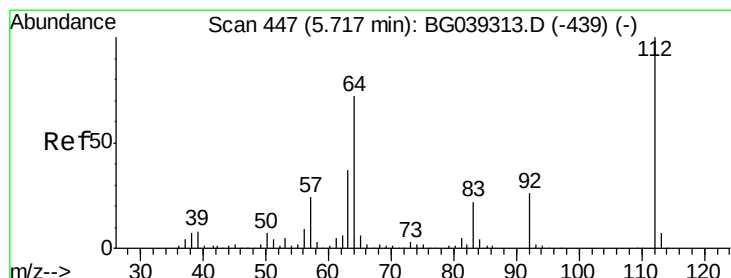
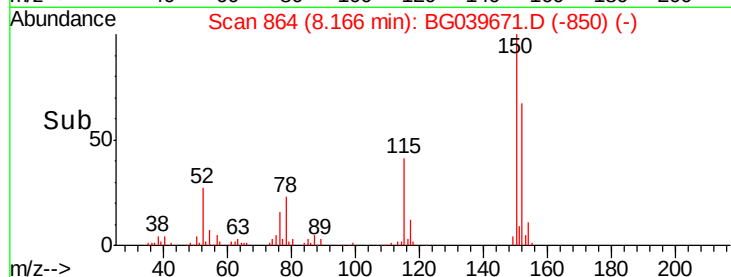
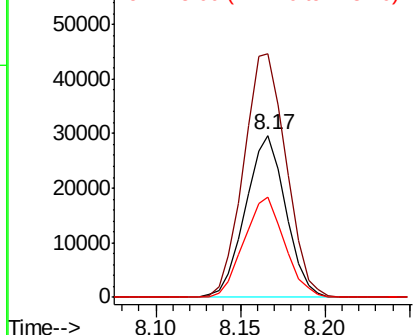
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 864
Delta R.T. -0.02 min
Lab File: BG039671.D
Acq: 28 Feb 2019 22:14

Instrument :
BNA_G
ClientSampleId :
A0C6-2-0.5-1.0

Tot Ion:152 Resp: 48889
Ion Ratio Lower Upper
152 100
150 150.3 123.7 185.5
115 62.1 45.9 68.9



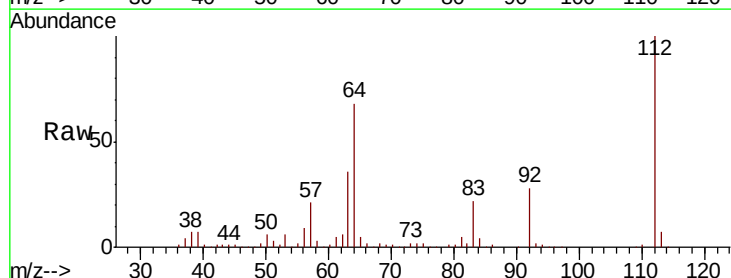
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



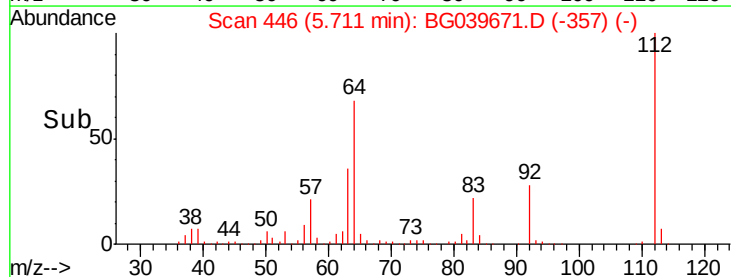
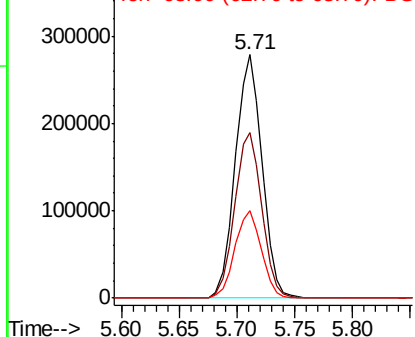
#5

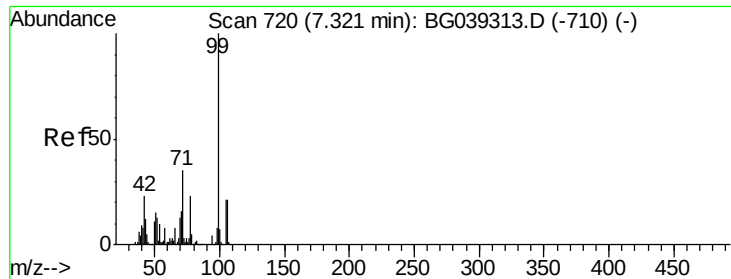
2-Fluorophenol
Concen: 155.860 ng
RT: 5.71 min Scan# 446
Delta R.T. -0.01 min
Lab File: BG039671.D
Acq: 28 Feb 2019 22:14

Tgt Ion:112 Resp: 445212
Ion Ratio Lower Upper
112 100
64 68.1 57.8 86.8
63 35.9 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: 154.442 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BG039671.D

Acq: 28 Feb 2019 22:14

Instrument :

BNA_G

ClientSampleId :

A0C6-2-0.5-1.0

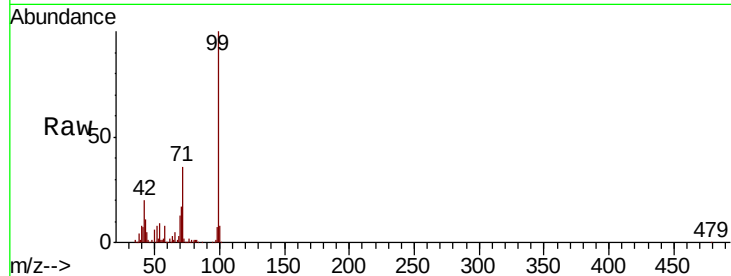
Tot Ion: 99 Resp: 649379

Ion Ratio Lower Upper

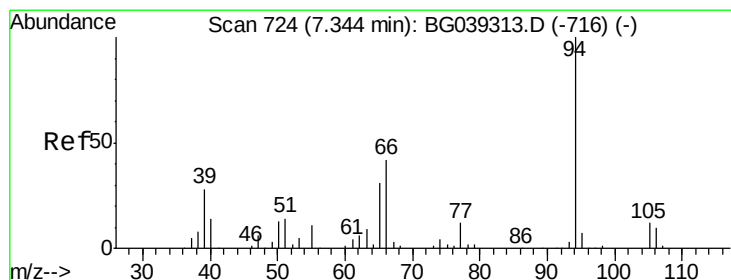
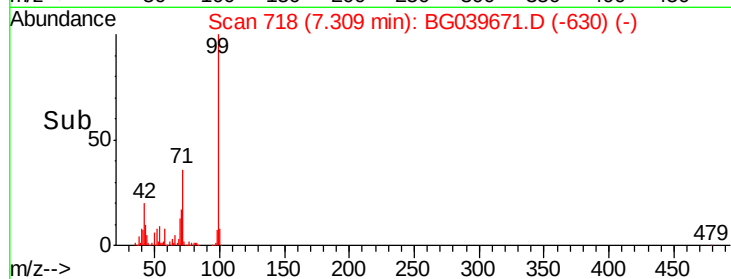
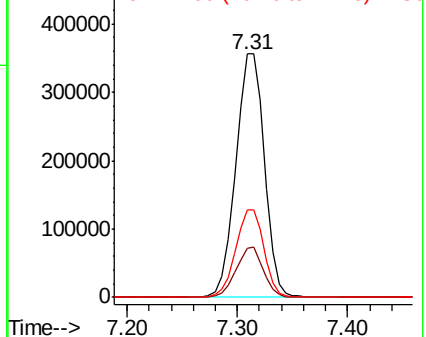
99 100

42 20.2 18.2 27.2

71 36.2 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: 2.284 ng

RT: 7.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BG039671.D

Acq: 28 Feb 2019 22:14

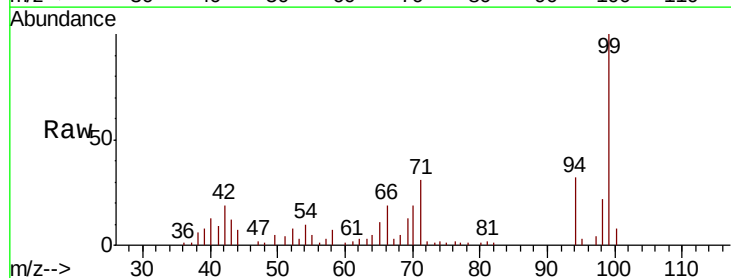
Tgt Ion: 94 Resp: 10009

Ion Ratio Lower Upper

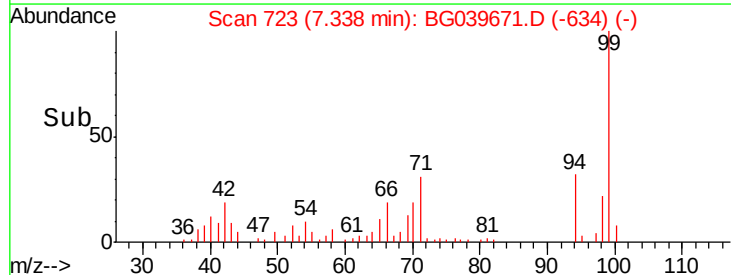
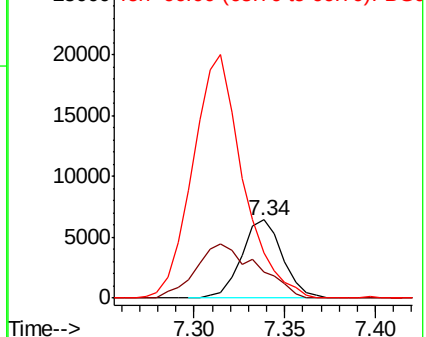
94 100

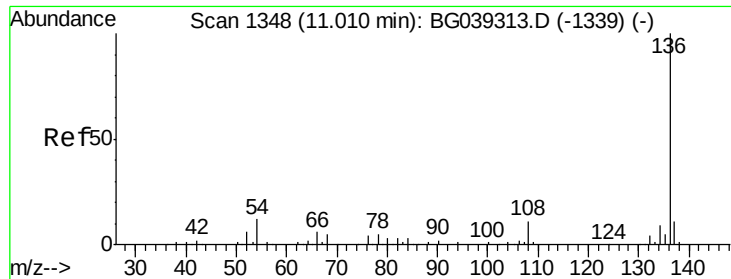
65 33.0 11.7 51.7

66 58.2 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

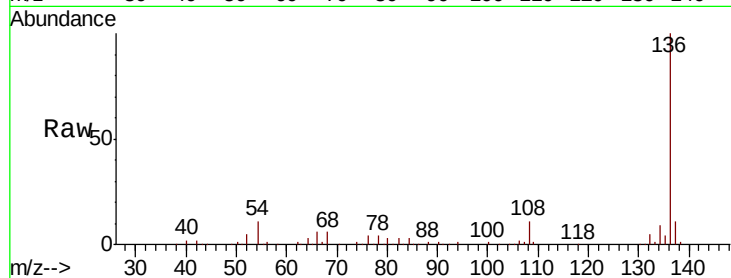




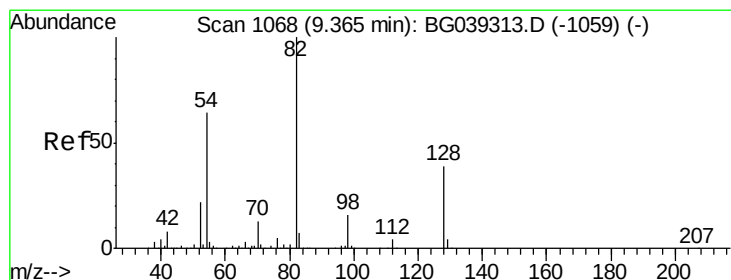
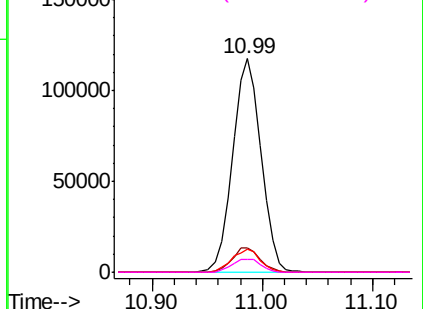
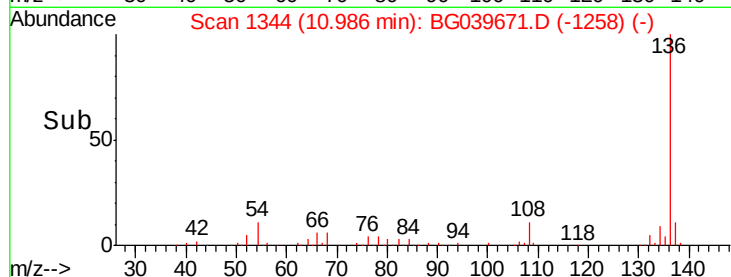
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1344
Delta R.T. -0.02 min
Lab File: BG039671.D
Acq: 28 Feb 2019 22:14

Instrument :
BNA_G
ClientSampleId :
A0C6-2-0.5-1.0

Tot Ion:136	Resp:	211385
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.1 13.7
54	10.7	9.4 14.2
68	5.9	4.2 6.4

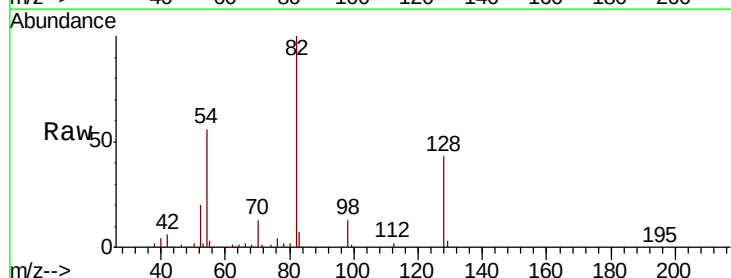


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

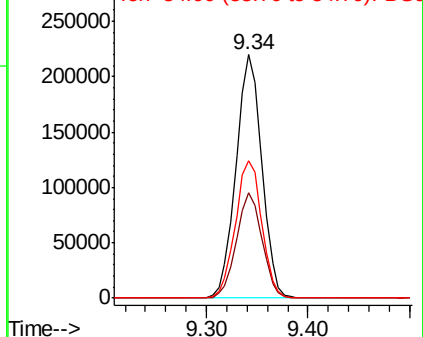
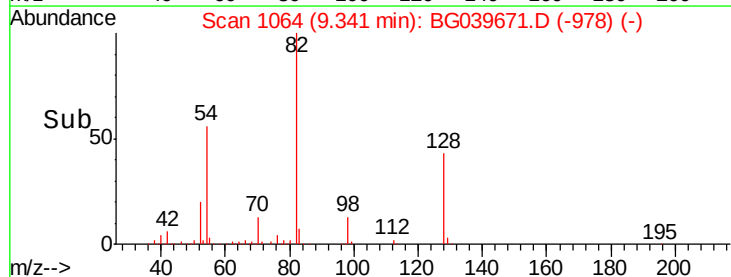


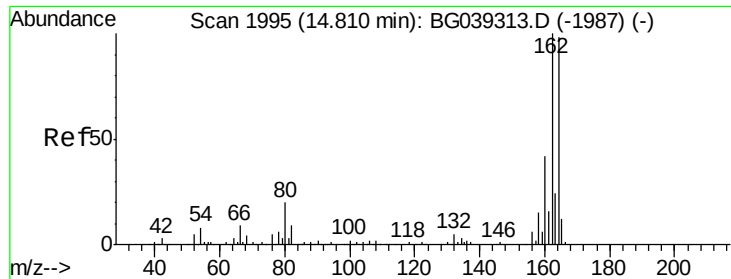
#23
Nitrobenzene-d5
Concen: 115.142 ng
RT: 9.34 min Scan# 1064
Delta R.T. -0.02 min
Lab File: BG039671.D
Acq: 28 Feb 2019 22:14

Tgt Ion: 82	Resp:	389606
Ion Ratio	Lower	Upper
82	100	
128	43.1	31.3 46.9
54	56.2	50.9 76.3



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: 14.79 min Scan# 1991

Delta R.T. -0.02 min

Lab File: BG039671.D

Acq: 28 Feb 2019 22:14

Instrument :

BNA_G

ClientSampleId :

A0C6-2-0.5-1.0

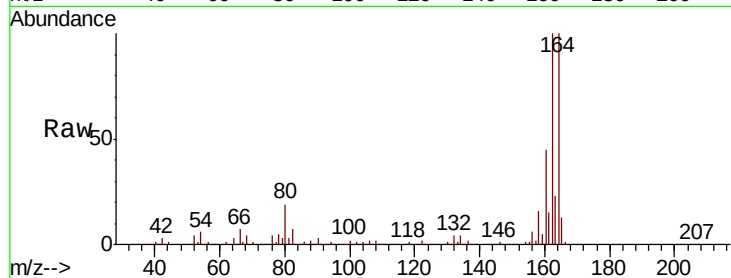
Tot Ion:164 Resp: 141142

Ion Ratio Lower Upper

164 100

162 100.1 81.6 122.4

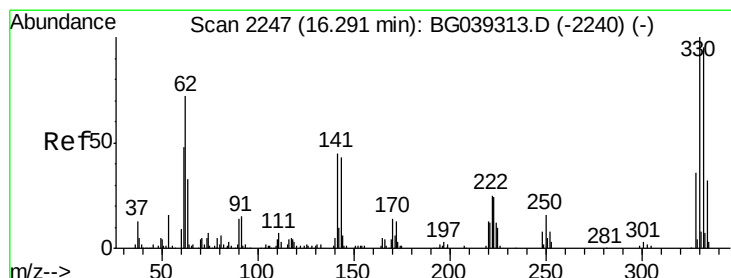
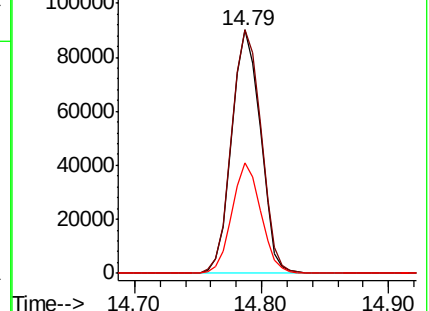
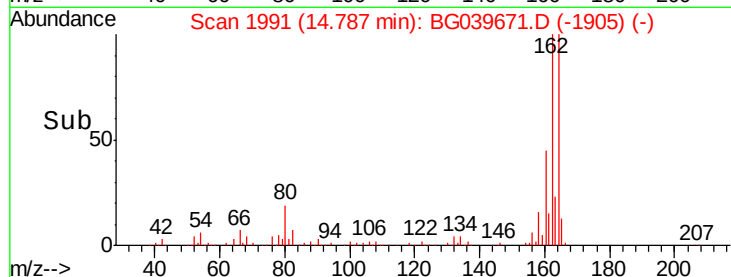
160 45.3 34.2 51.2



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: 159.130 ng

RT: 16.27 min Scan# 2244

Delta R.T. -0.02 min

Lab File: BG039671.D

Acq: 28 Feb 2019 22:14

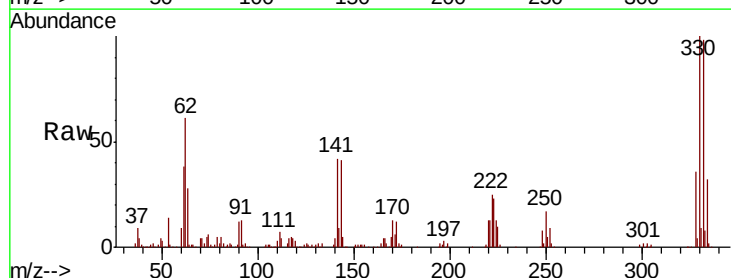
Tgt Ion:330 Resp: 241855

Ion Ratio Lower Upper

330 100

332 97.2 75.7 113.5

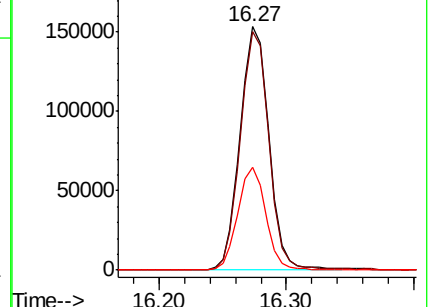
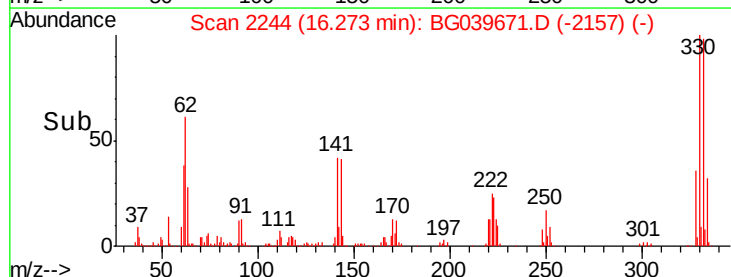
141 40.8 35.6 53.4

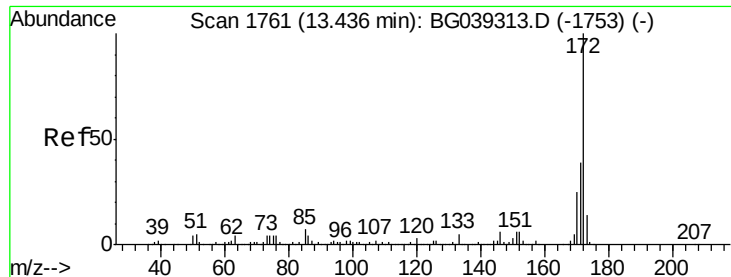


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

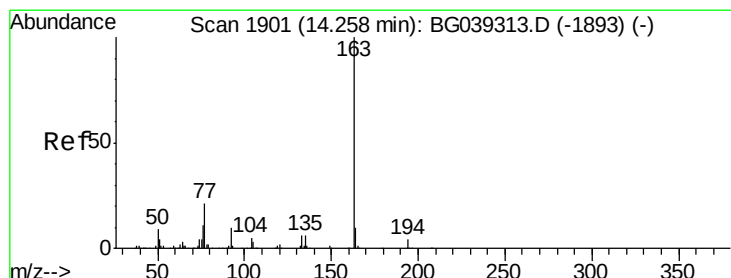
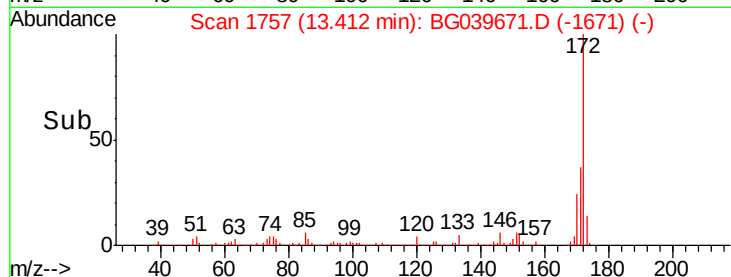
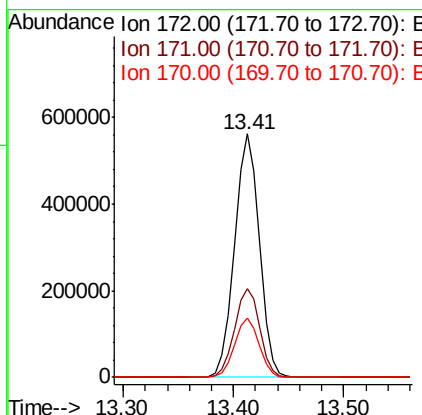
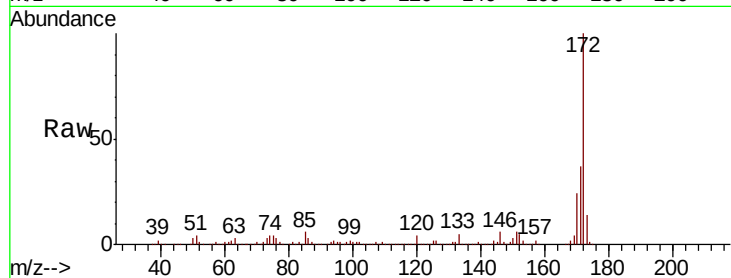




#45
2-Fluorobiphenyl
Concen: 90.294 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.02 min
Lab File: BG039671.D
Acq: 28 Feb 2019 22:14

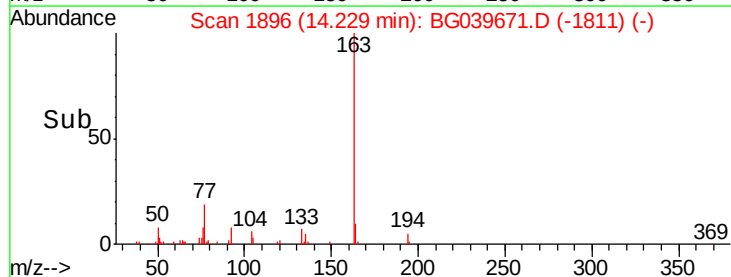
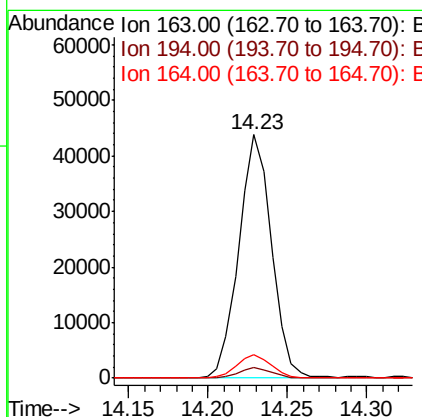
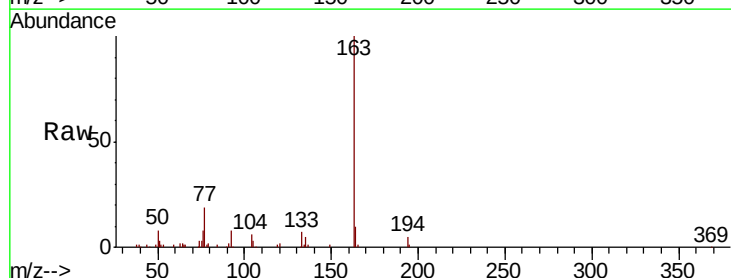
Instrument :
BNA_G
ClientSampleId :
A0C6-2-0.5-1.0

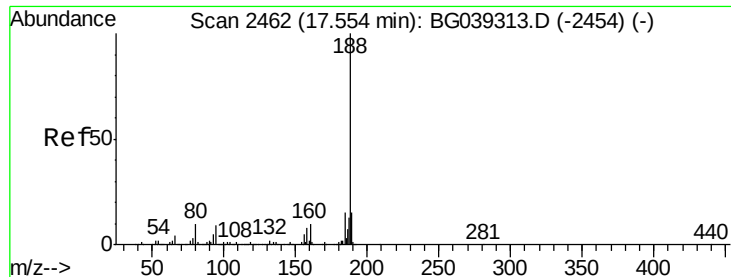
Tot Ion:172 Resp: 888384
Ion Ratio Lower Upper
172 100
171 36.7 30.8 46.2
170 24.4 20.2 30.4



#50
Dimethylphthalate
Concen: 5.514 ng
RT: 14.23 min Scan# 1896
Delta R.T. -0.03 min
Lab File: BG039671.D
Acq: 28 Feb 2019 22:14

Tgt Ion:163 Resp: 62856
Ion Ratio Lower Upper
163 100
194 4.6 3.6 5.4
164 9.7 8.4 12.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.53 min Scan# 2458

Delta R.T. -0.02 min

Lab File: BG039671.D

Acq: 28 Feb 2019 22:14

Instrument :

BNA_G

ClientSampleId :

A0C6-2-0.5-1.0

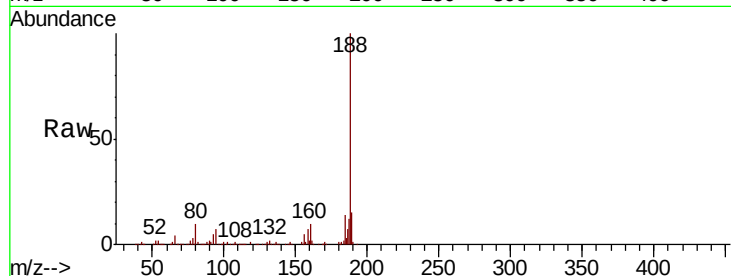
Tot Ion:188 Resp: 335096

Ion Ratio Lower Upper

188 100

94 7.4 6.9 10.3

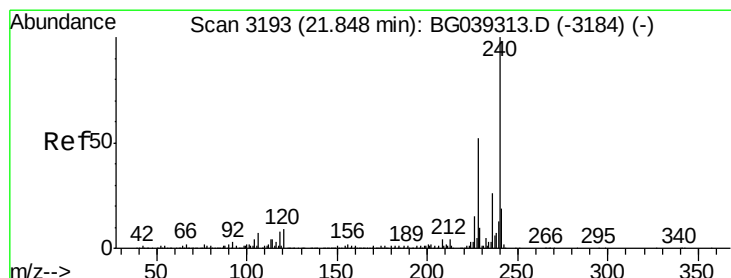
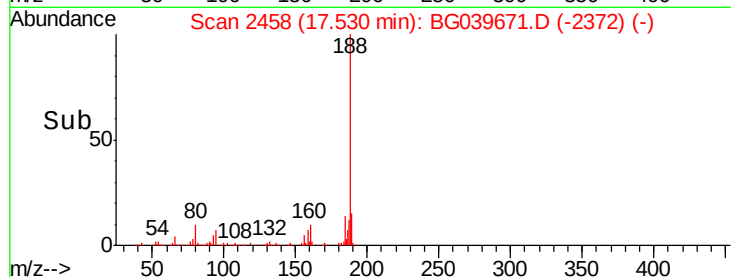
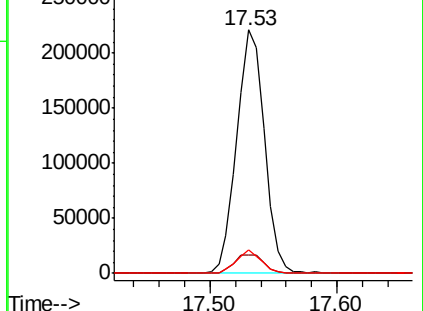
80 9.6 8.1 12.1



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: 21.82 min Scan# 3188

Delta R.T. -0.03 min

Lab File: BG039671.D

Acq: 28 Feb 2019 22:14

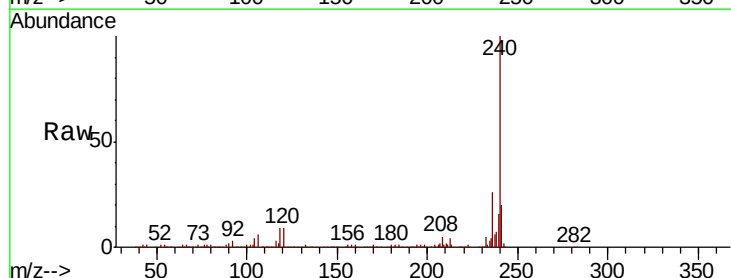
Tgt Ion:240 Resp: 330322

Ion Ratio Lower Upper

240 100

120 9.2 7.0 10.6

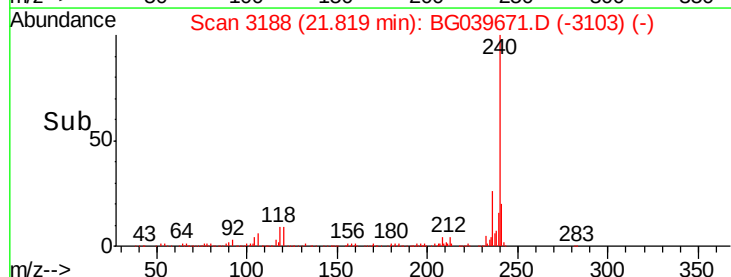
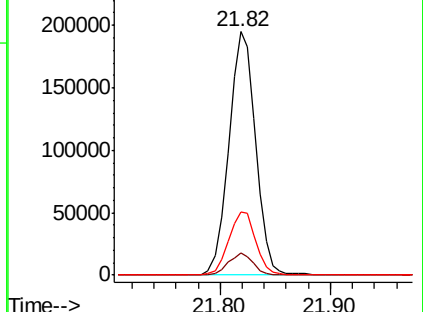
236 25.9 21.0 31.4

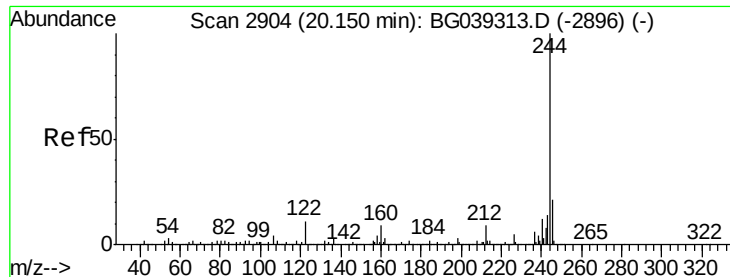


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 80.038 ng

RT: 20.13 min Scan# 2900

Delta R.T. -0.02 min

Lab File: BG039671.D

Acq: 28 Feb 2019 22:14

Instrument :

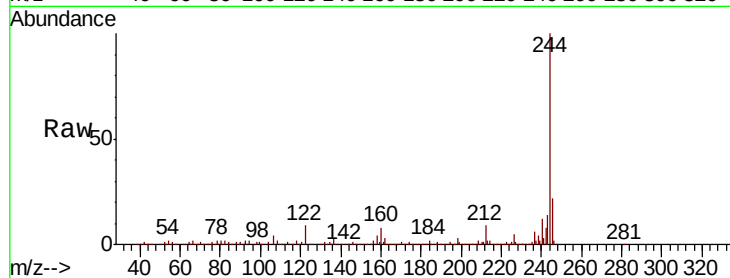
BNA_G

ClientSampleId :

A0C6-2-0.5-1.0

Tot Ion:244 Resp: 1249045

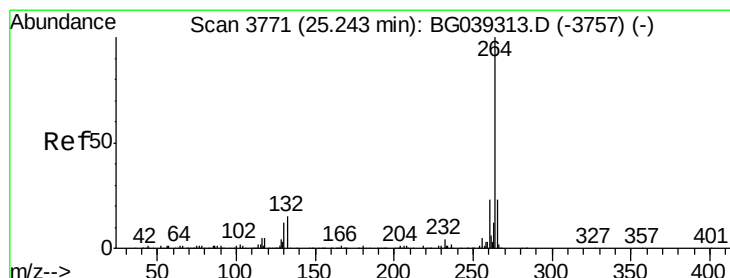
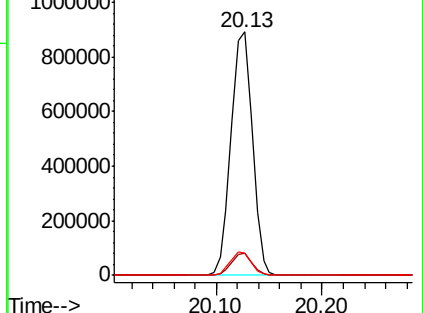
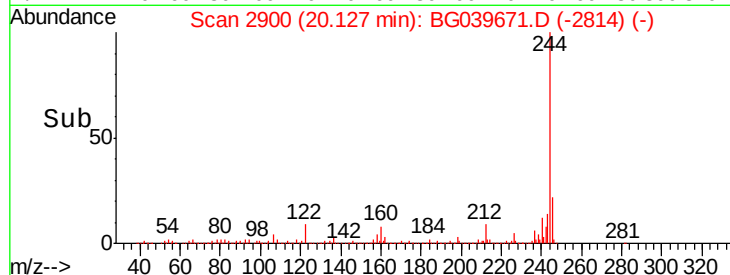
Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.3	10.9
122	9.2	8.4	12.6



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: 25.20 min Scan# 3763

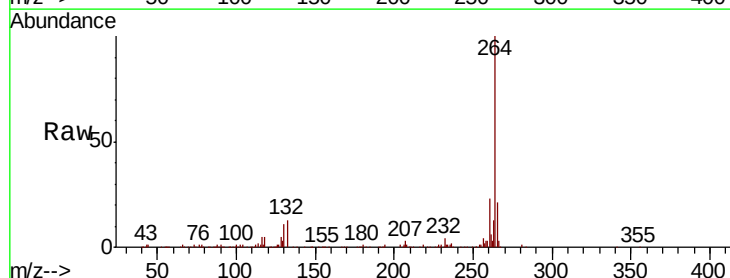
Delta R.T. -0.05 min

Lab File: BG039671.D

Acq: 28 Feb 2019 22:14

Tgt Ion:264 Resp: 327711

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.4
265	21.4	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

