

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021319\
 Data File : BG039503.D
 Acq On : 14 Feb 2019 00:36
 Operator : JU/SJ
 Sample : K1451-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SHORE-RD-BOX-CULVERT-TP

Quant Time: Feb 14 03:15:31 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

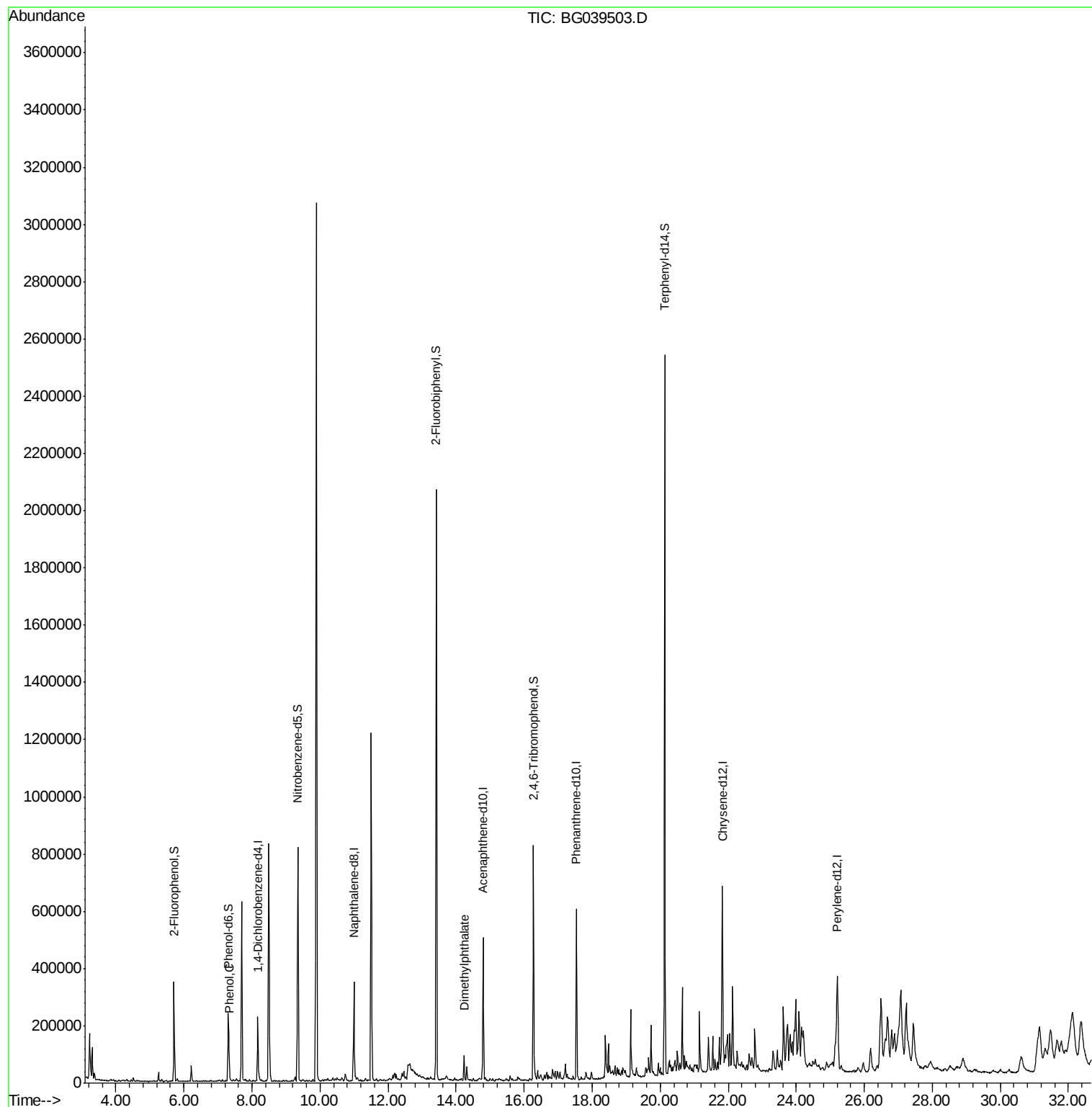
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	60835	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	283321	20.00	ng	-0.02
39) Acenaphthene-d10	14.80	164	172760	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	352148	20.00	ng	-0.02
76) Chrysene-d12	21.83	240	359152	20.00	ng	-0.02
87) Perylene-d12	25.20	264	368357	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	151823	42.71	ng	0.00
7) Phenol-d6	7.31	99	139201	26.61	ng	-0.02
23) Nitrobenzene-d5	9.35	82	470079	103.65	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	138091	74.23	ng	-0.02
45) 2-Fluorobiphenyl	13.42	172	1086319	90.20	ng	-0.02
79) Terphenyl-d14	20.13	244	1100778	64.88	ng	-0.02
Target Compounds						
10) Phenol	7.33	94	26667	4.889	ng	97
50) Dimethylphthalate	14.24	163	56451	4.046	ng	100

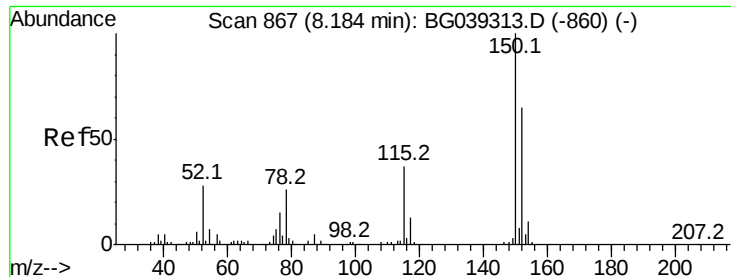
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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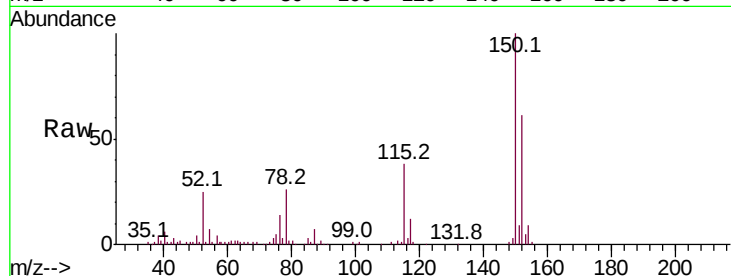


#1

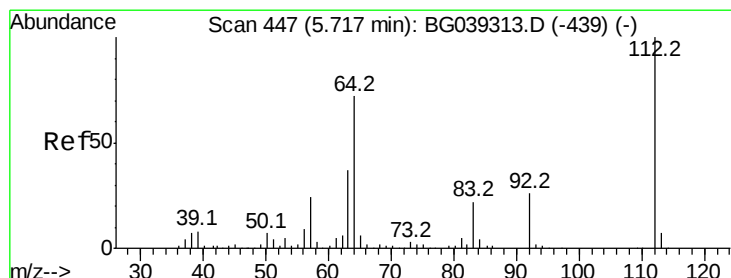
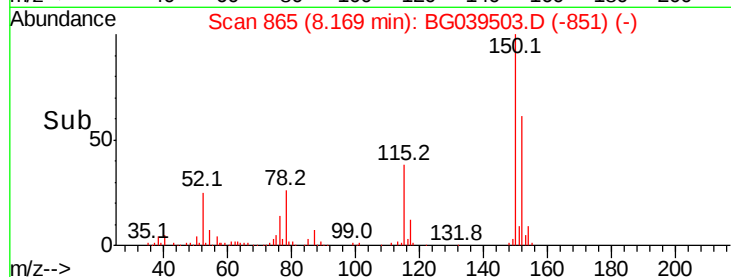
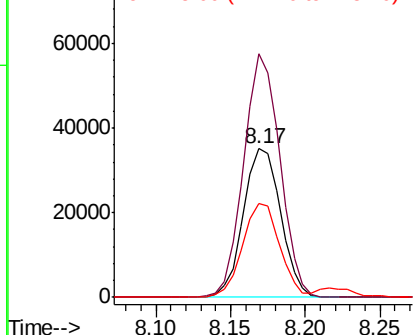
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.02 min
Lab File: BG039503.D
Acq: 14 Feb 2019 00:36

Instrument :
BNA_G
ClientSampleId :
SHORE-RD-BOX-CULVERT-TP

Tot Ion:152 Resp: 60835
Ion Ratio Lower Upper
152 100
150 163.9 123.7 185.5
115 62.9 45.9 68.9



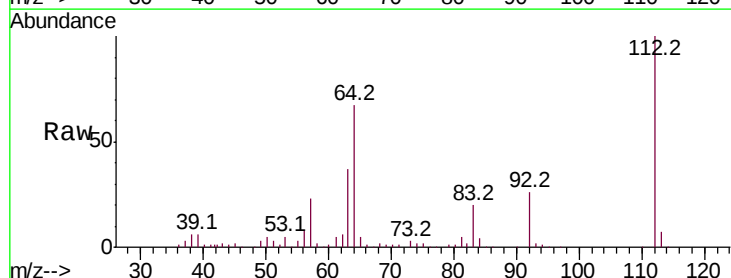
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



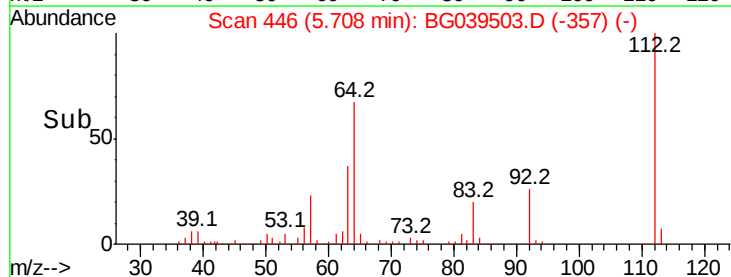
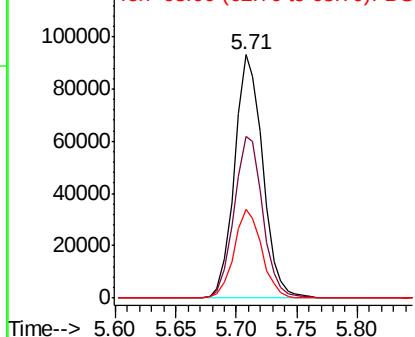
#5

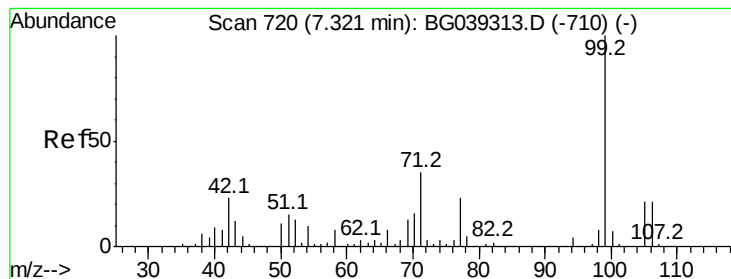
2-Fluorophenol
Concen: 42.713 ng
RT: 5.71 min Scan# 446
Delta R.T. -0.01 min
Lab File: BG039503.D
Acq: 14 Feb 2019 00:36

Tgt Ion:112 Resp: 151823
Ion Ratio Lower Upper
112 100
64 66.6 57.8 86.8
63 36.5 29.8 44.6



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: 26.605 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.02 min

Lab File: BG039503.D

Acq: 14 Feb 2019 00:36

Instrument :

BNA_G

ClientSampleId :

SHORE-RD-BOX-CULVERT-TP

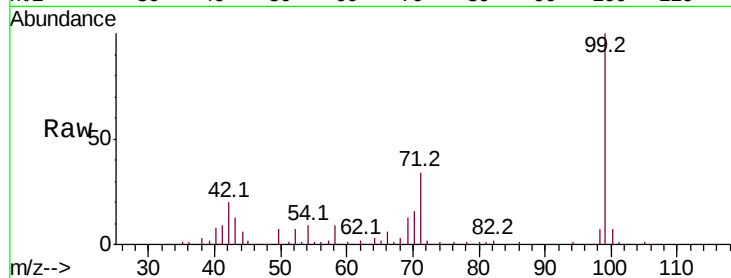
Tot Ion: 99 Resp: 139201

Ion Ratio Lower Upper

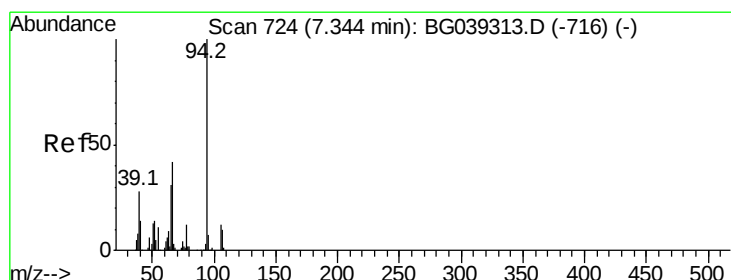
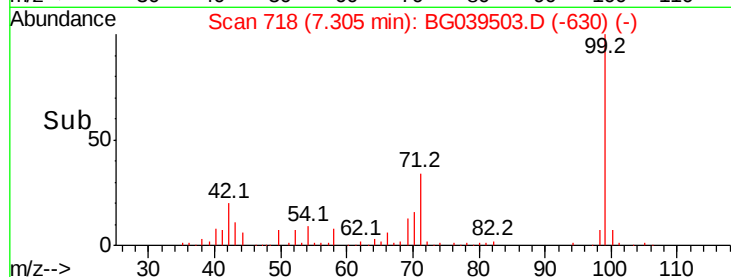
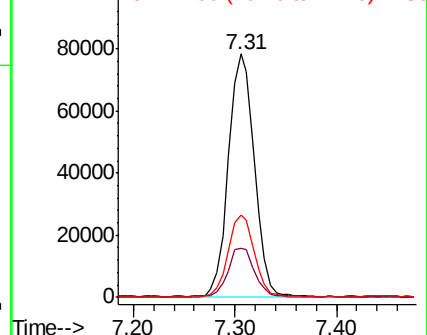
99 100

42 20.0 18.2 27.2

71 34.0 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: 4.889 ng

RT: 7.33 min Scan# 723

Delta R.T. -0.01 min

Lab File: BG039503.D

Acq: 14 Feb 2019 00:36

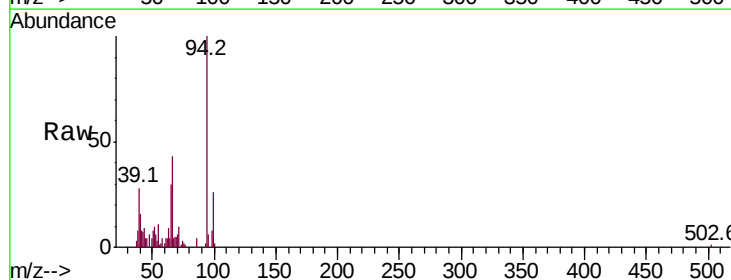
Tgt Ion: 94 Resp: 26667

Ion Ratio Lower Upper

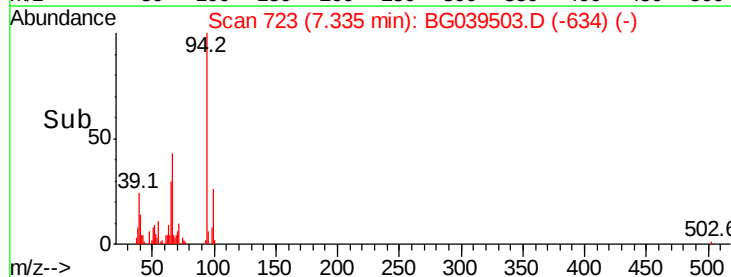
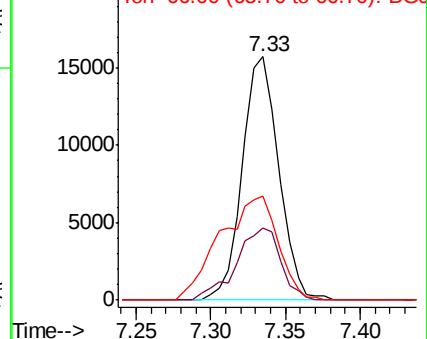
94 100

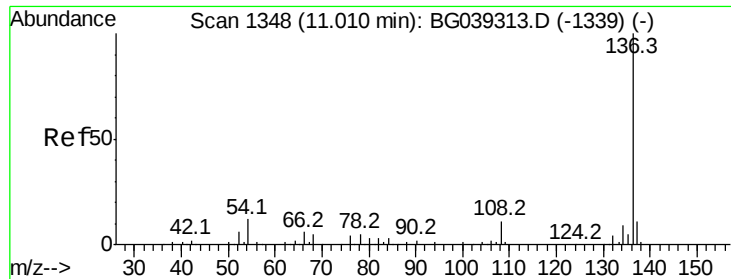
65 29.6 11.7 51.7

66 42.7 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

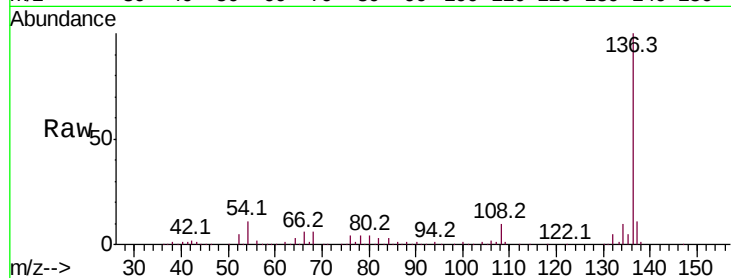




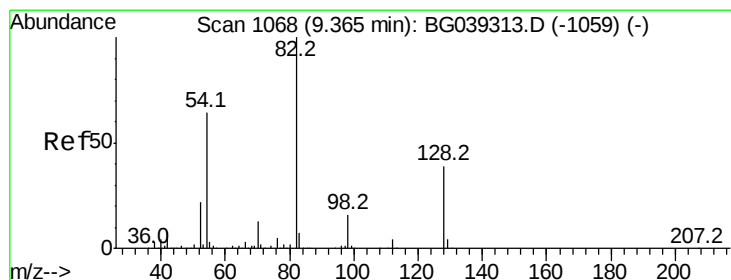
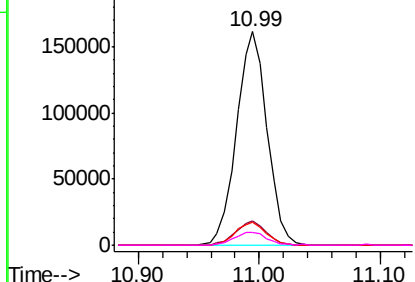
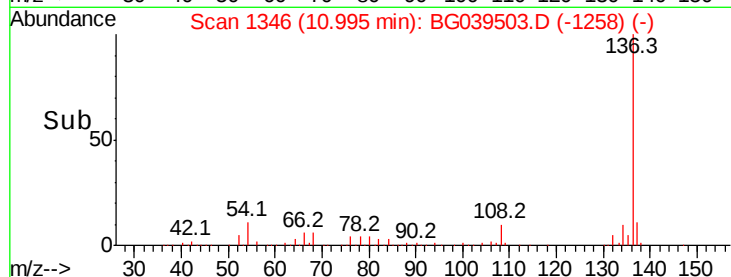
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1346
Delta R.T. -0.02 min
Lab File: BG039503.D
Acq: 14 Feb 2019 00:36

Instrument :
BNA_G
ClientSampleId :
SHORE-RD-BOX-CULVERT-TP

Tot Ion:136	Resp:	283321
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.1 13.7
54	10.6	9.4 14.2
68	6.0	4.2 6.4

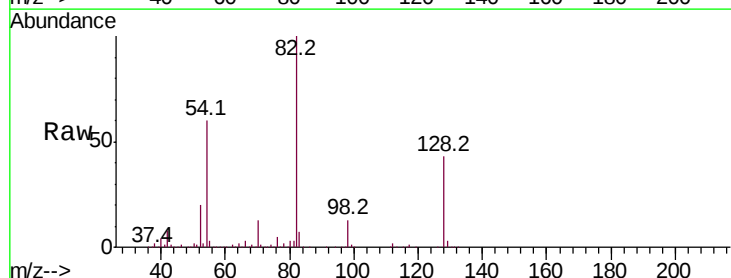


Abundance Ion 136.00 (135.70 to 136.70): E
250000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

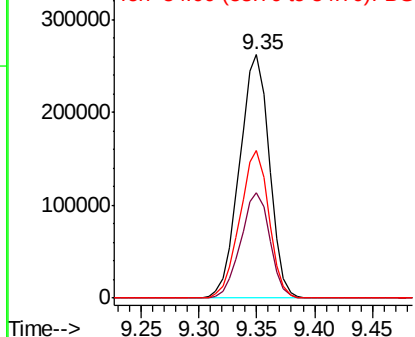
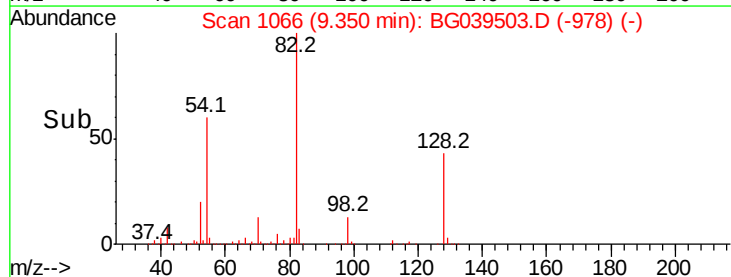


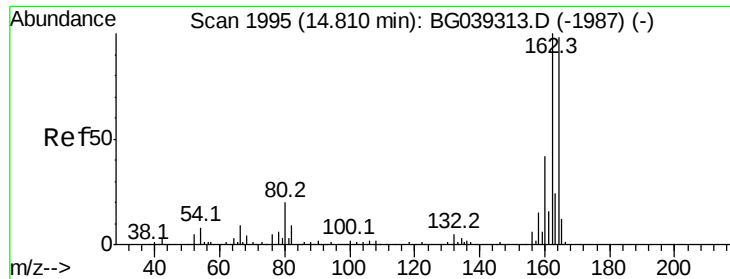
#23
Nitrobenzene-d5
Concen: 103.651 ng
RT: 9.35 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG039503.D
Acq: 14 Feb 2019 00:36

Tgt Ion: 82	Resp:	470079
Ion Ratio	Lower	Upper
82	100	
128	43.5	31.3 46.9
54	60.4	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

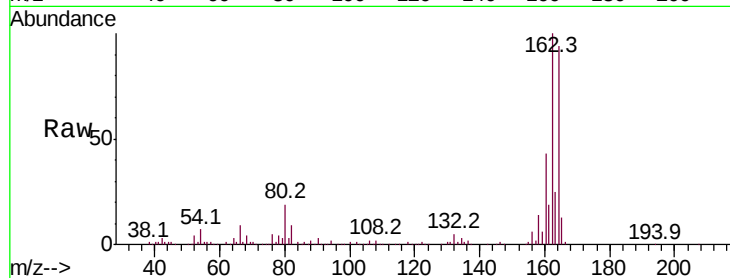




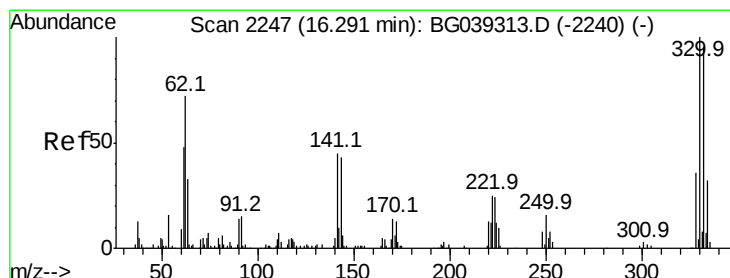
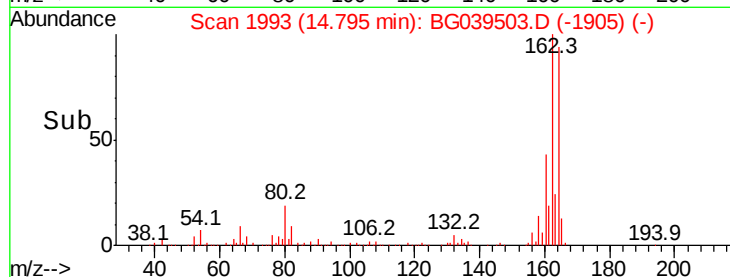
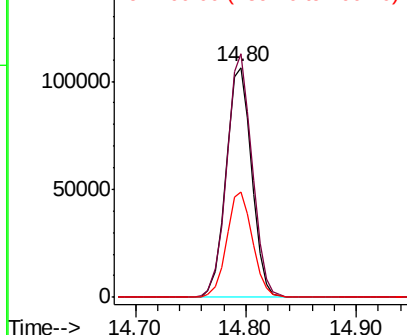
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 1993
Delta R.T. -0.02 min
Lab File: BG039503.D
Acq: 14 Feb 2019 00:36

Instrument :
BNA_G
ClientSampleId :
SHORE-RD-BOX-CULVERT-TP

Tot Ion:164 Resp: 172760
Ion Ratio Lower Upper
164 100
162 105.8 81.6 122.4
160 45.6 34.2 51.2

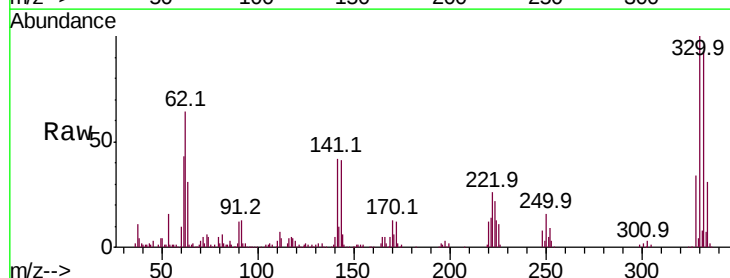


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

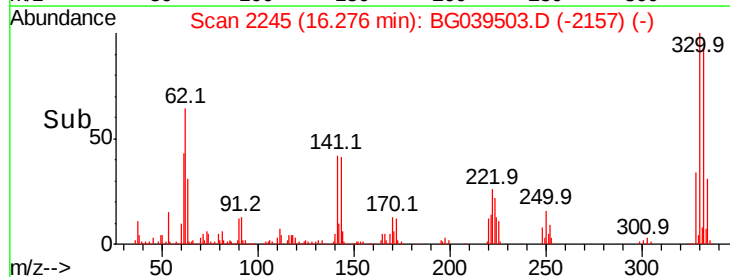
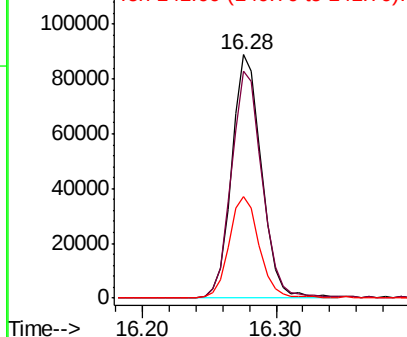


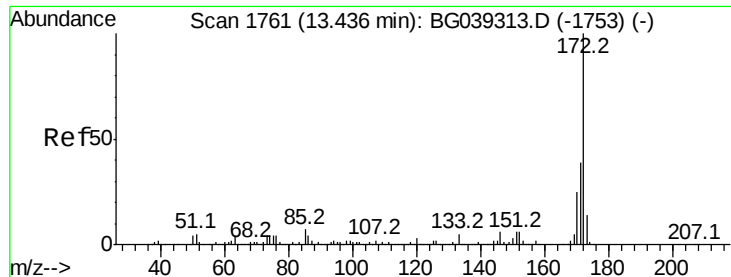
#42
2,4,6-Tribromophenol
Concen: 74.229 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.02 min
Lab File: BG039503.D
Acq: 14 Feb 2019 00:36

Tgt Ion:330 Resp: 138091
Ion Ratio Lower Upper
330 100
332 96.6 75.7 113.5
141 42.5 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

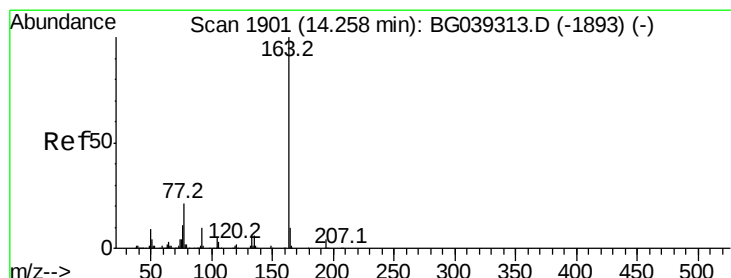
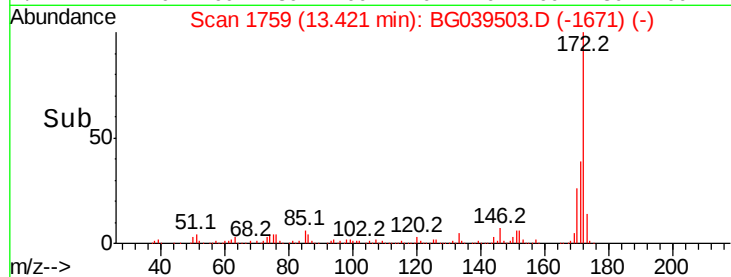
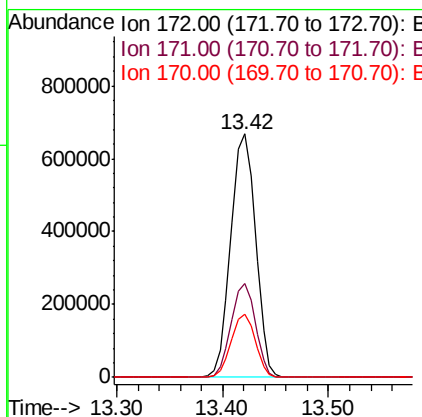
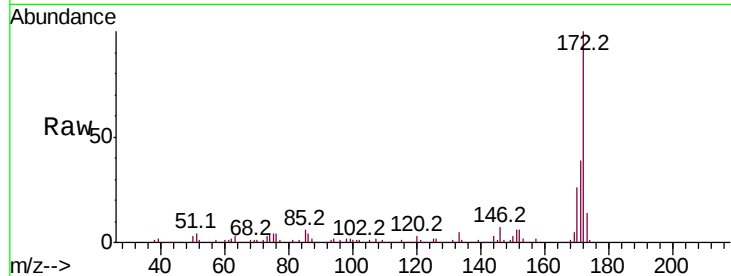




#45
2-Fluorobiphenyl
Concen: 90.205 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.02 min
Lab File: BG039503.D
Acq: 14 Feb 2019 00:36

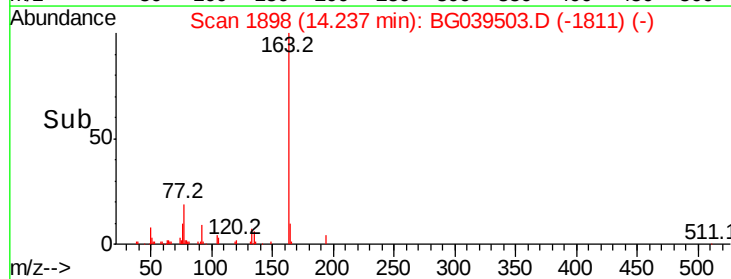
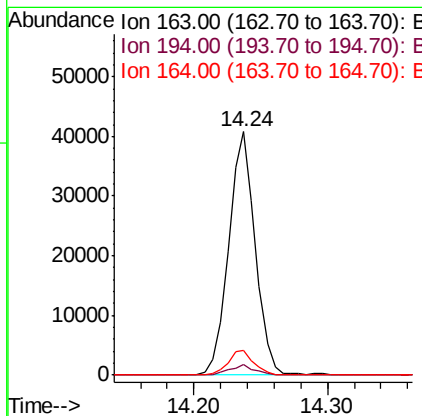
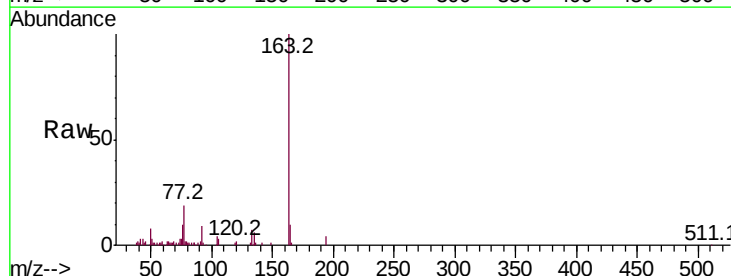
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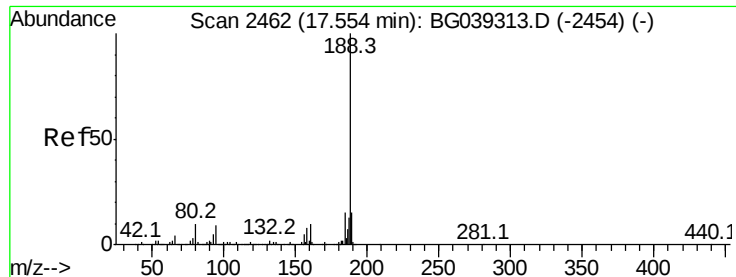
Tot Ion:172 Resp: 1086319
Ion Ratio Lower Upper
172 100
171 38.6 30.8 46.2
170 25.7 20.2 30.4



#50
Dimethylphthalate
Concen: 4.046 ng
RT: 14.24 min Scan# 1898
Delta R.T. -0.02 min
Lab File: BG039503.D
Acq: 14 Feb 2019 00:36

Tgt Ion:163 Resp: 56451
Ion Ratio Lower Upper
163 100
194 4.3 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. -0.02 min

Lab File: BG039503.D

Acq: 14 Feb 2019 00:36

Instrument :

BNA_G

ClientSampleId :

SHORE-RD-BOX-CULVERT-TP

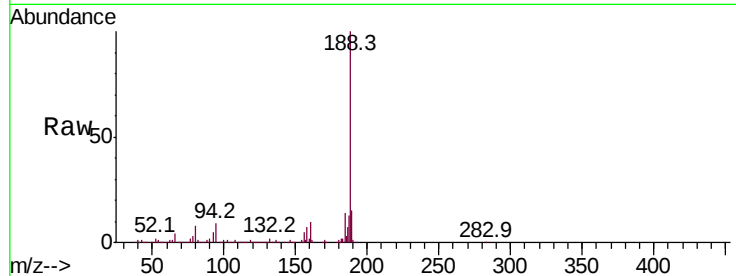
Tot Ion:188 Resp: 352148

Ion Ratio Lower Upper

188 100

94 8.8 6.9 10.3

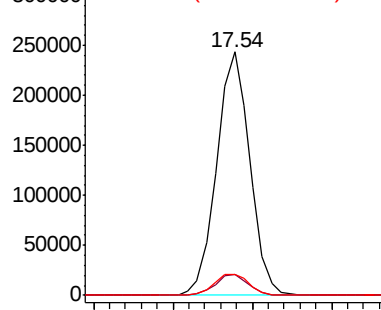
80 8.4 8.1 12.1



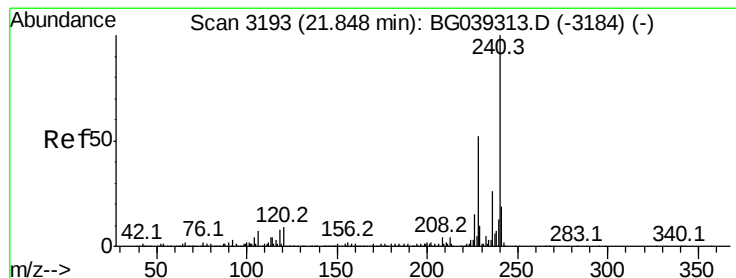
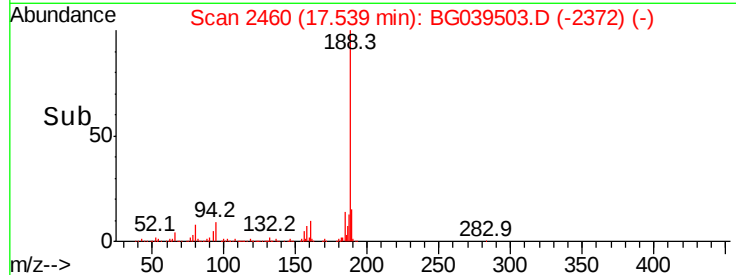
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



Time--> 17.45 17.50 17.55 17.60



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.83 min Scan# 3190

Delta R.T. -0.02 min

Lab File: BG039503.D

Acq: 14 Feb 2019 00:36

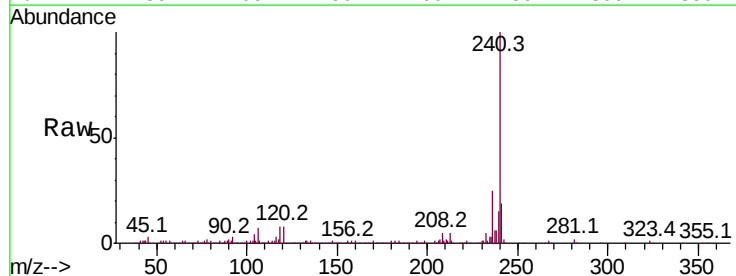
Tgt Ion:240 Resp: 359152

Ion Ratio Lower Upper

240 100

120 8.3 7.0 10.6

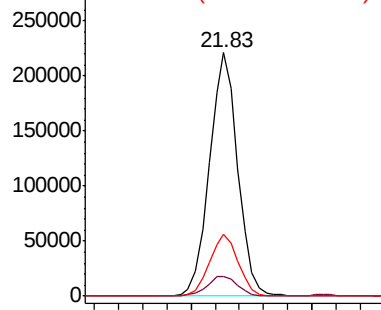
236 25.4 21.0 31.4



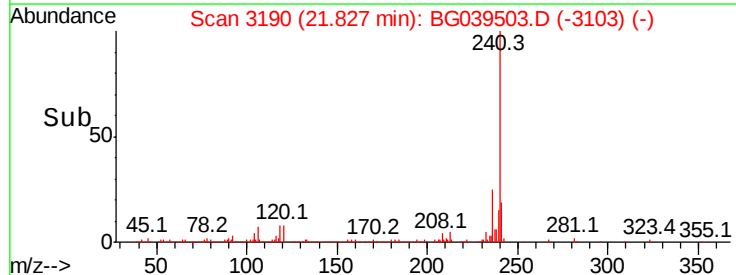
Abundance Ion 240.00 (239.70 to 240.70): E

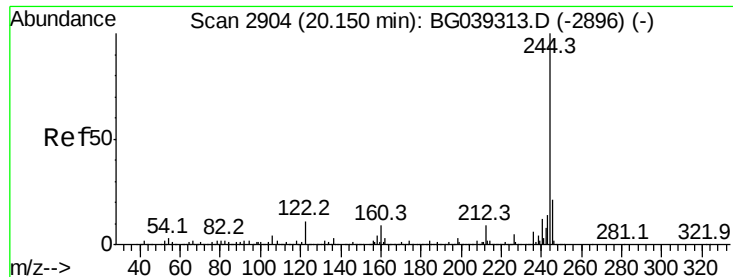
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.80 21.90





#79

Terphenyl-d14

Concen: 64.875 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BG039503.D

Acq: 14 Feb 2019 00:36

Instrument :

BNA_G

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SHORE-RD-BOX-CULVERT-TP

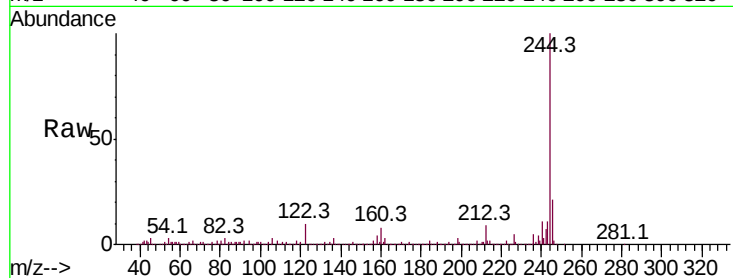
Tot Ion:244 Resp: 1100778

Ion Ratio Lower Upper

244 100

212 8.6 7.3 10.9

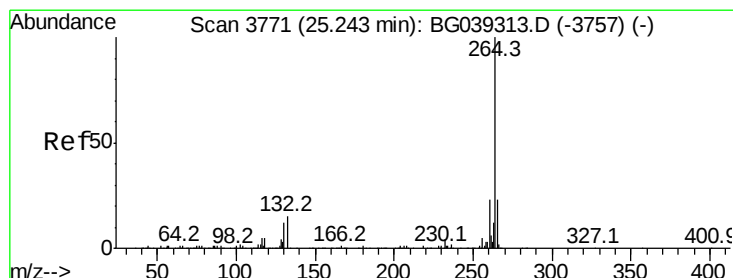
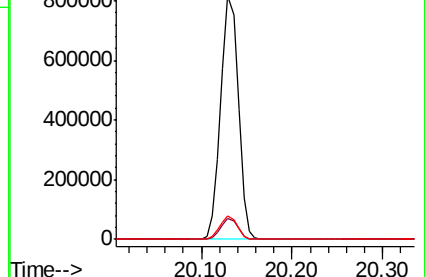
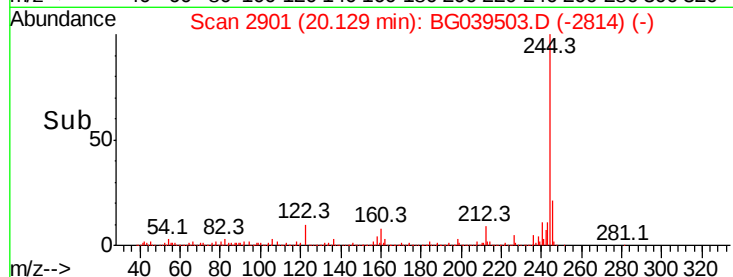
122 9.9 8.4 12.6



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# 3765

Delta R.T. -0.04 min

Lab File: BG039503.D

Acq: 14 Feb 2019 00:36

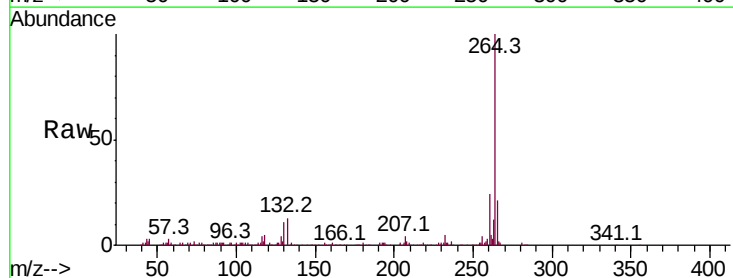
Tgt Ion:264 Resp: 368357

Ion Ratio Lower Upper

264 100

260 23.5 18.2 27.4

265 21.1 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

