

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011019\
 Data File : BG039063.D
 Acq On : 10 Jan 2019 21:56
 Operator : JU/SJ
 Sample : K1100-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WATER-DRUMS-A

Quant Time: Jan 11 05:46:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

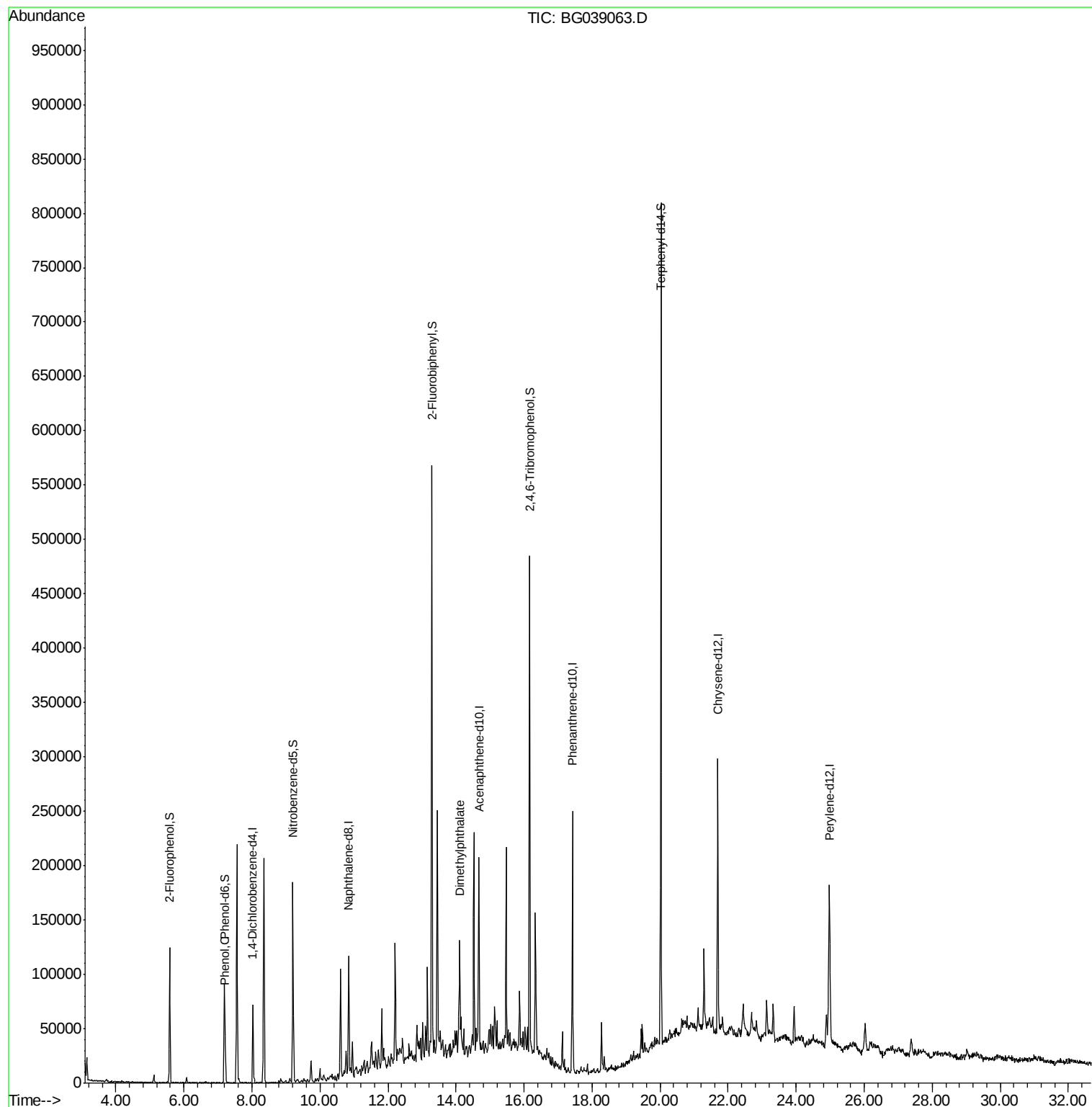
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	21706	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	92372	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	64967	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	155483	20.00	ng	0.00
76) Chrysene-d12	21.70	240	157936	20.00	ng	0.00
87) Perylene-d12	24.97	264	173930	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	56416	49.30	ng	0.00
7) Phenol-d6	7.19	99	51990	31.57	ng	0.00
23) Nitrobenzene-d5	9.21	82	106798	63.27	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	100217	92.02	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	290046	61.10	ng	0.00
79) Terphenyl-d14	20.02	244	394830	46.25	ng	0.00
Target Compounds						
10) Phenol	7.21	94	19260	11.666	ng	98
50) Dimethylphthalate	14.11	163	33946	6.183	ng	99

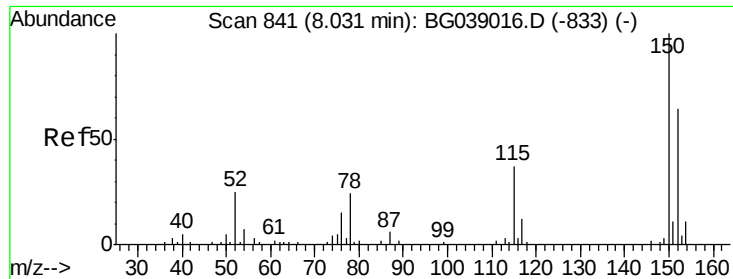
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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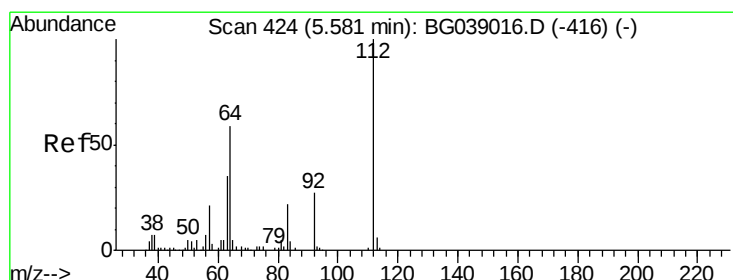
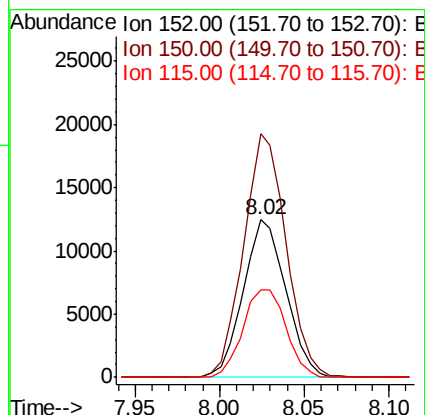
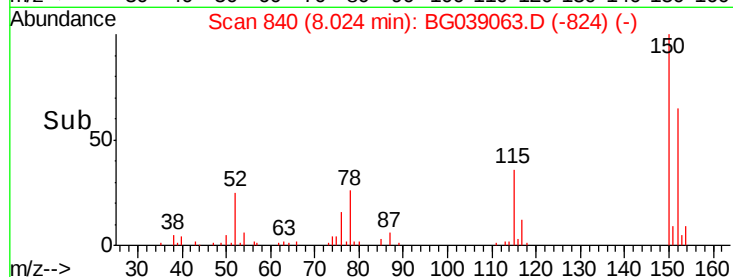
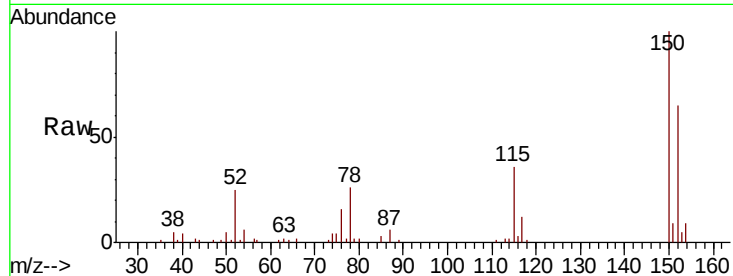


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG039063.D
Acq: 10 Jan 2019 21:56

Instrument :
BNA_G
ClientSampleId :
WATER-DRUMS-A

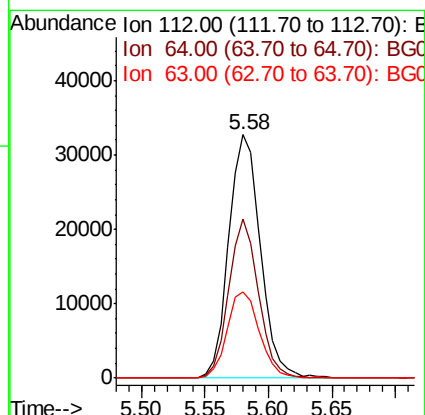
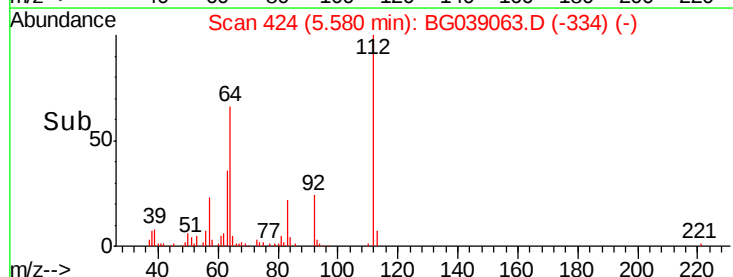
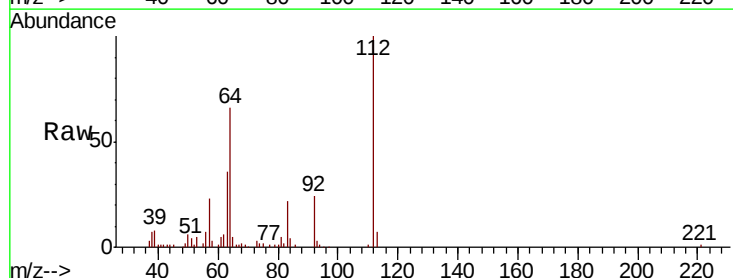
Tot Ion:152 Resp: 21706
Ion Ratio Lower Upper
152 100
150 154.7 124.7 187.1
115 56.0 46.5 69.7

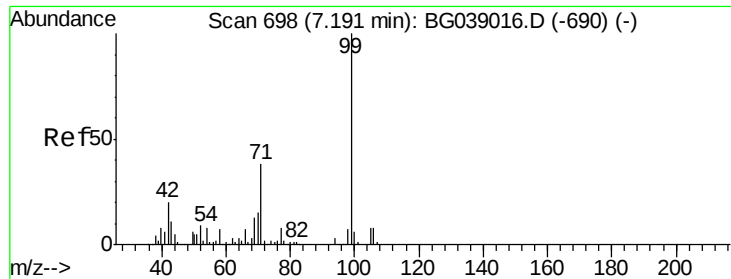


#5

2-Fluorophenol
Concen: 49.304 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG039063.D
Acq: 10 Jan 2019 21:56

Tgt Ion:112 Resp: 56416
Ion Ratio Lower Upper
112 100
64 65.5 47.0 70.6
63 35.6 28.0 42.0





#7

Phenol-d6

Concen: 31.572 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG039063.D

Acq: 10 Jan 2019 21:56

Instrument :

BNA_G

ClientSampleId :

WATER-DRUMS-A

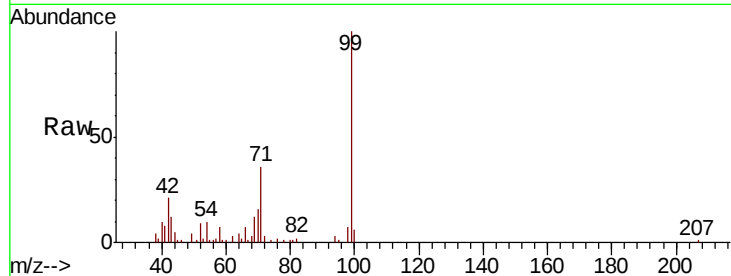
Tot Ion: 99 Resp: 51990

Ion Ratio Lower Upper

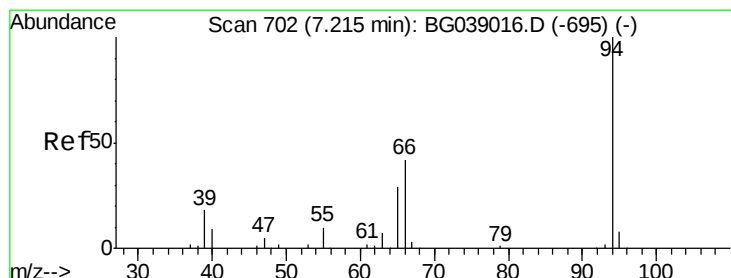
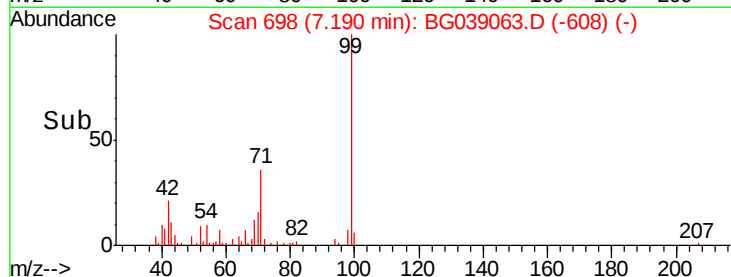
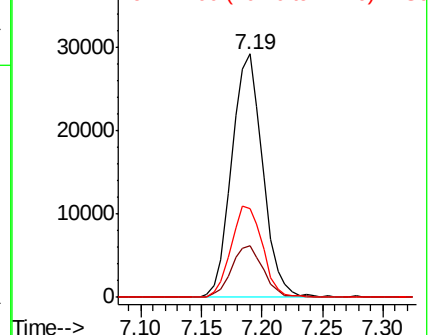
99 100

42 21.1 15.8 23.6

71 36.3 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: 11.666 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG039063.D

Acq: 10 Jan 2019 21:56

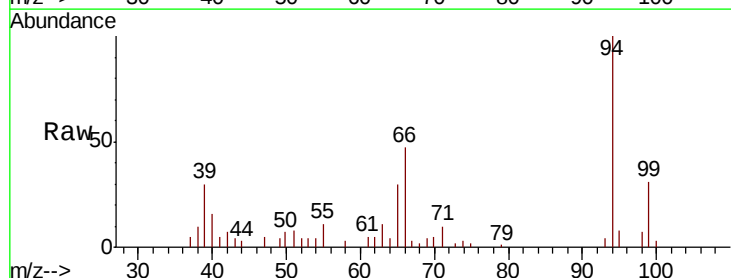
Tgt Ion: 94 Resp: 19260

Ion Ratio Lower Upper

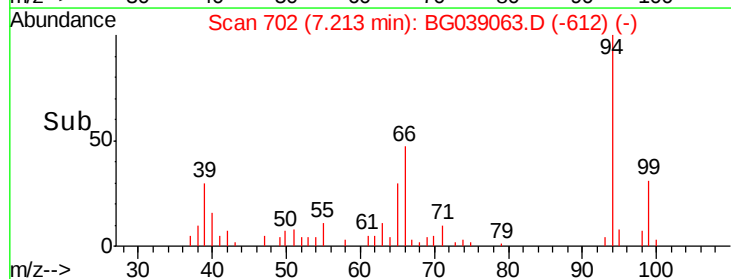
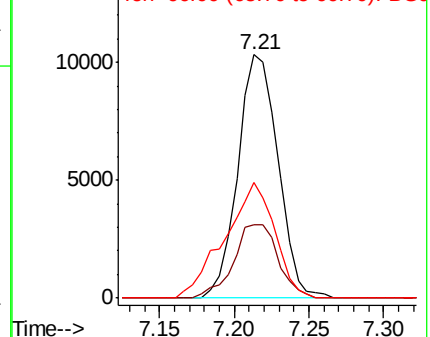
94 100

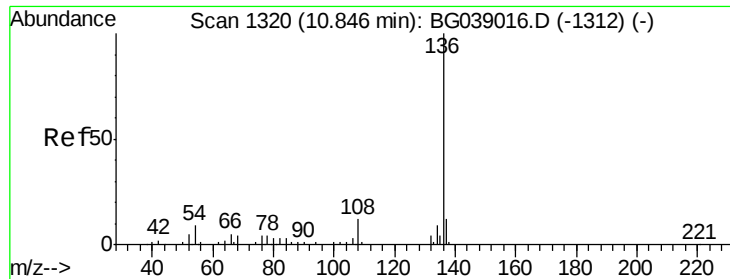
65 30.0 10.3 50.3

66 47.3 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: 10.84 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BG039063.D

Acq: 10 Jan 2019 21:56

Instrument :

BNA_G

ClientSampleId :

WATER-DRUMS-A

Tot Ion:136 Resp: 92372

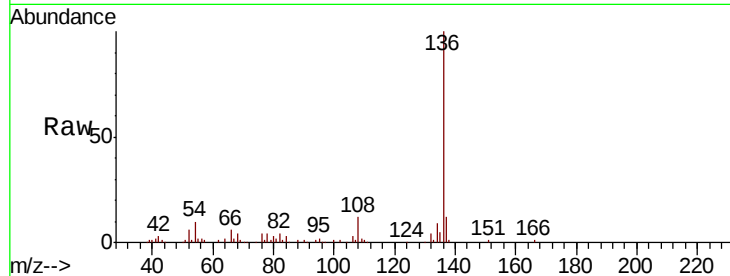
Ion Ratio Lower Upper

136 100

137 11.5 9.4 14.2

54 9.8 7.2 10.8

68 4.1 3.5 5.3

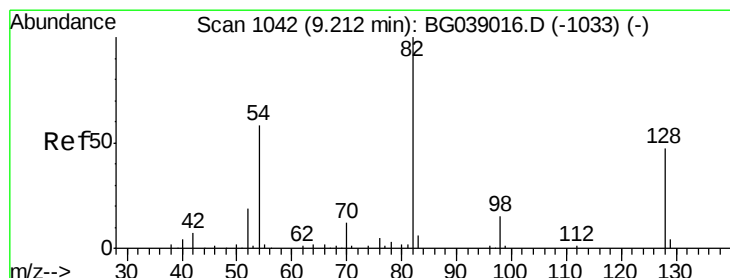
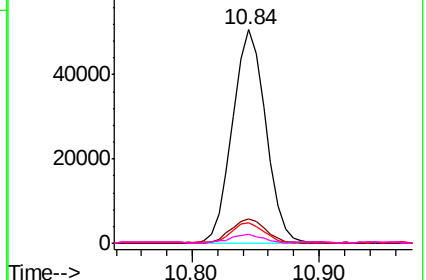
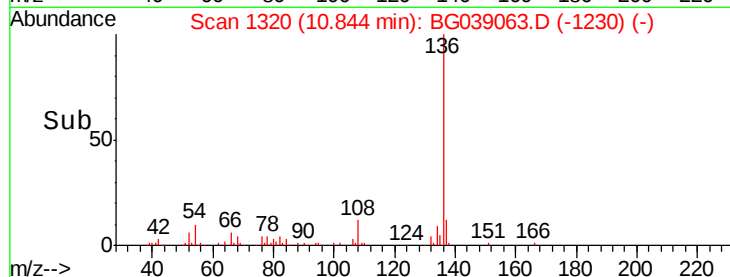


Abundance Ion 136.00 (135.70 to 136.70): E

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: 63.265 ng

RT: 9.21 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BG039063.D

Acq: 10 Jan 2019 21:56

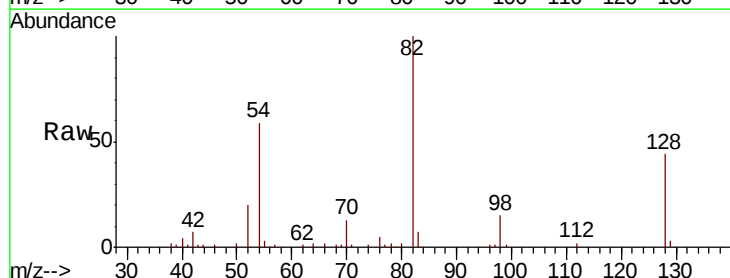
Tgt Ion: 82 Resp: 106798

Ion Ratio Lower Upper

82 100

128 43.6 37.3 55.9

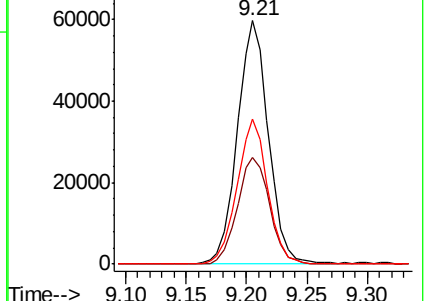
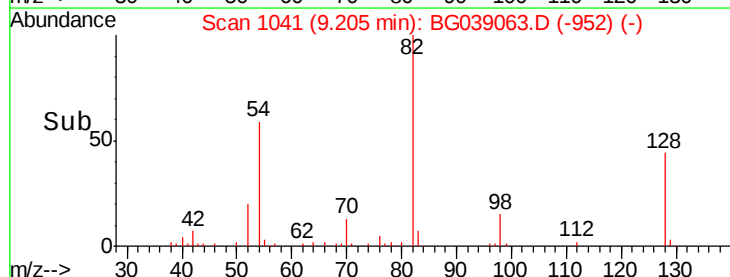
54 59.4 46.4 69.6

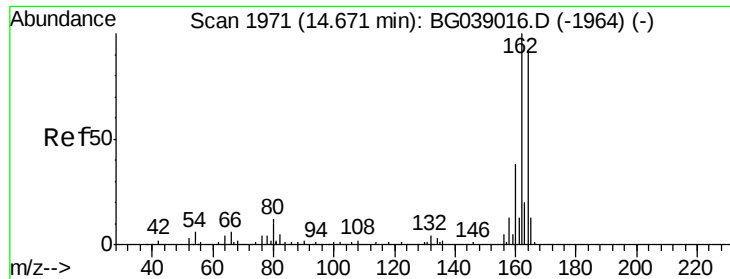


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

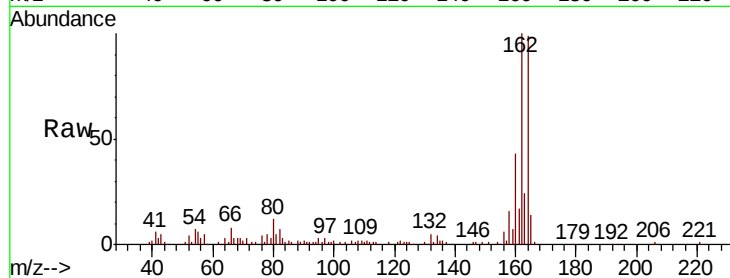




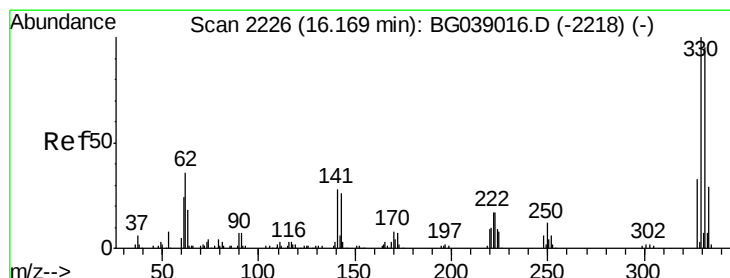
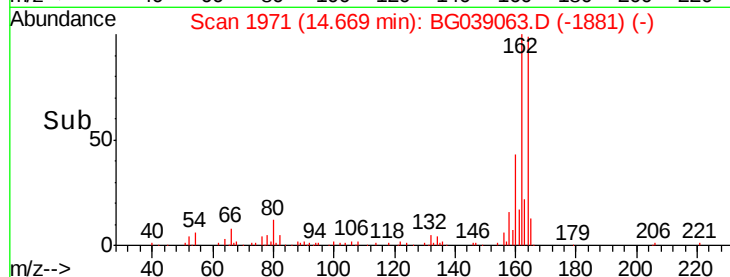
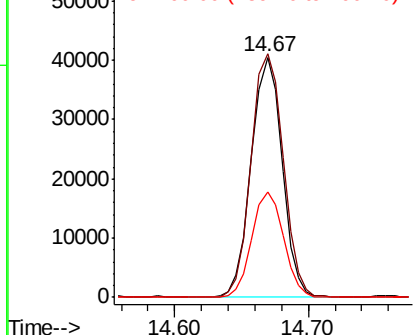
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BG039063.D
Acq: 10 Jan 2019 21:56

Instrument :
BNA_G
ClientSampleId :
WATER-DRUMS-A

Tot Ion:164 Resp: 64967
Ion Ratio Lower Upper
164 100
162 101.4 87.2 130.8
160 43.7 33.3 49.9

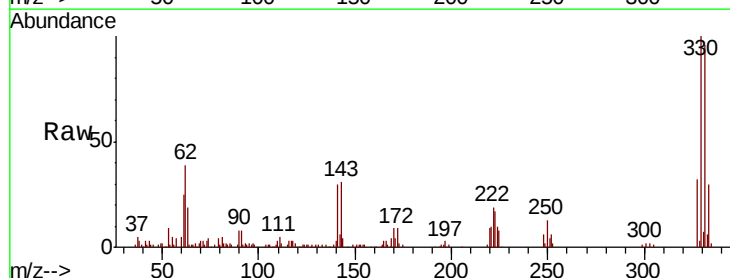


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

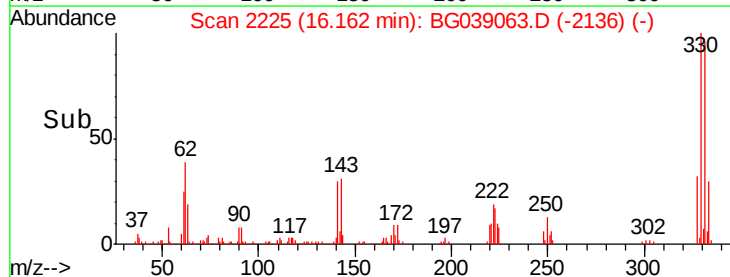
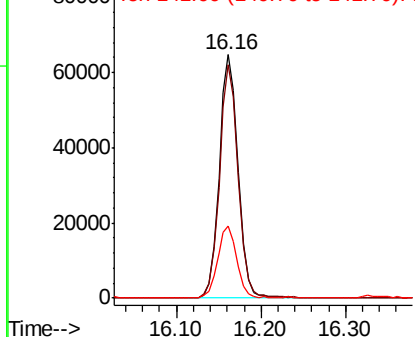


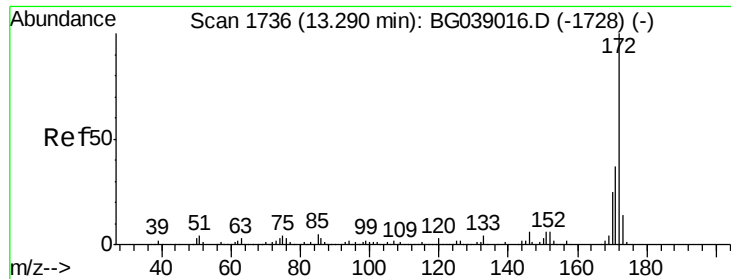
#42
2,4,6-Tribromophenol
Concen: 92.024 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BG039063.D
Acq: 10 Jan 2019 21:56

Tgt Ion:330 Resp: 100217
Ion Ratio Lower Upper
330 100
332 94.7 75.7 113.5
141 30.3 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

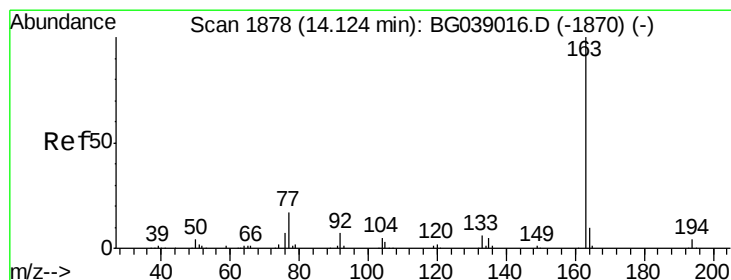
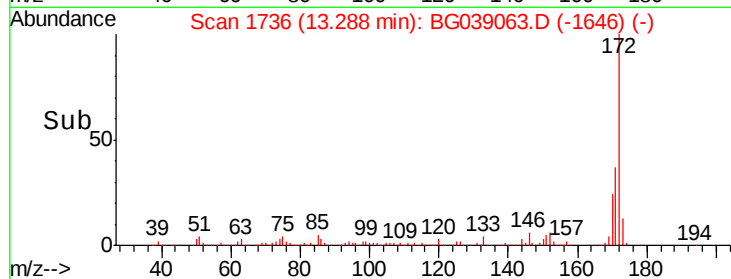
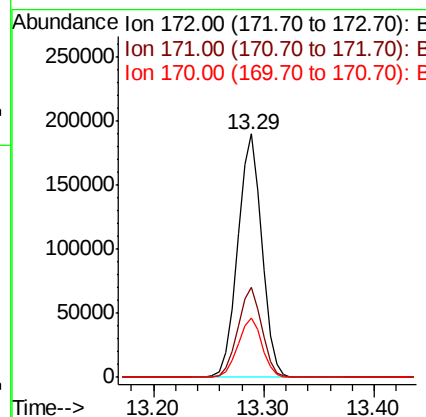
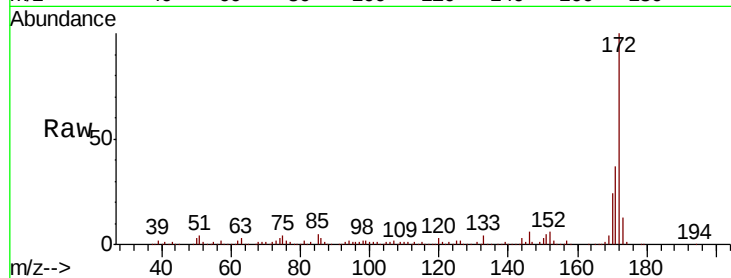




#45
2-Fluorobiphenyl
Concen: 61.100 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.00 min
Lab File: BG039063.D
Acq: 10 Jan 2019 21:56

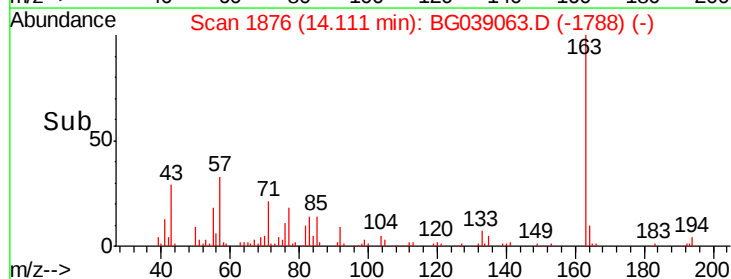
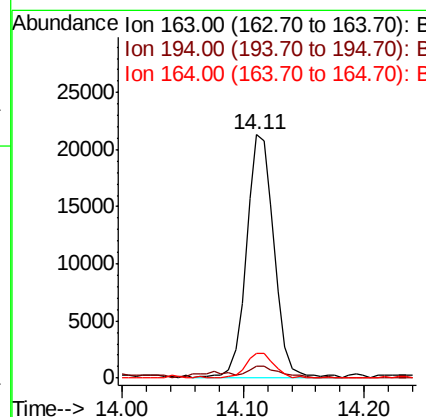
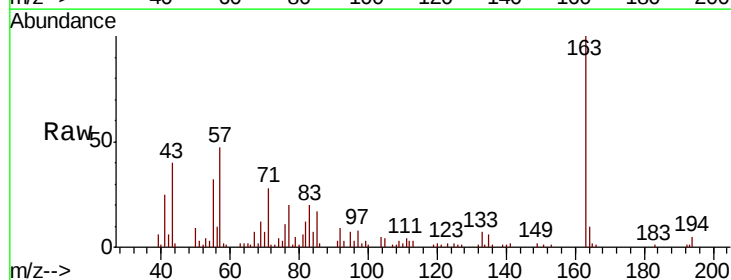
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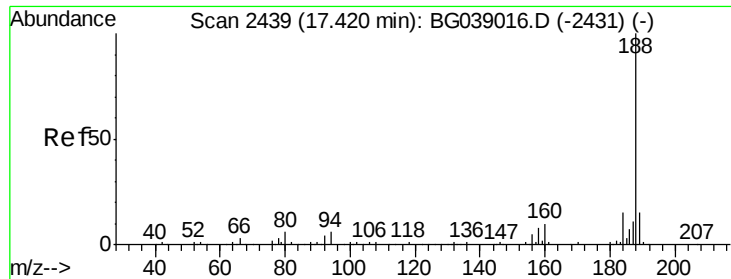
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.0
170	24.2	20.1	30.1



#50
Dimethylphthalate
Concen: 6.183 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BG039063.D
Acq: 10 Jan 2019 21:56

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.6	5.4
164	10.3	8.2	12.2

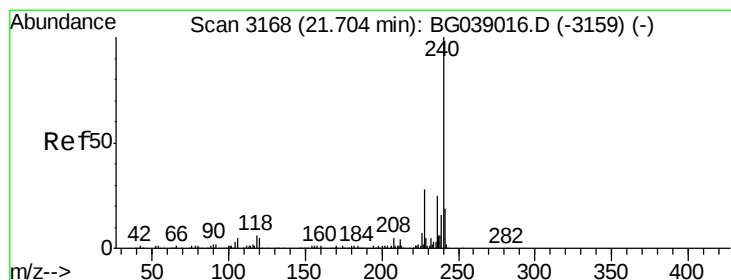
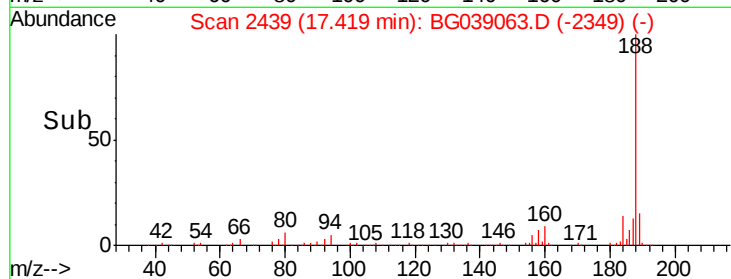
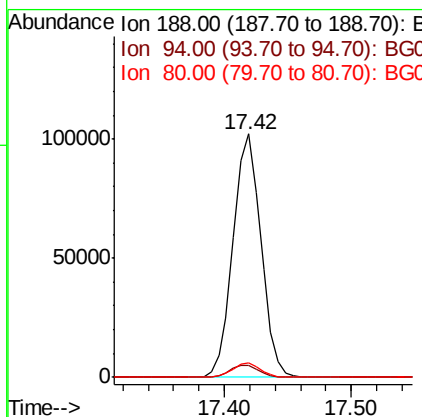
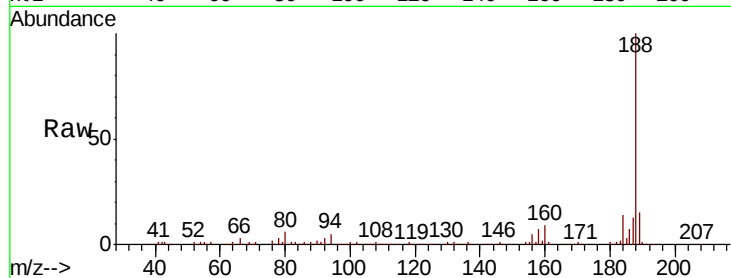




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG039063.D
Acq: 10 Jan 2019 21:56

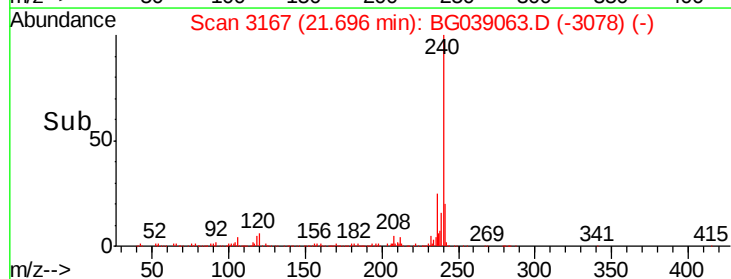
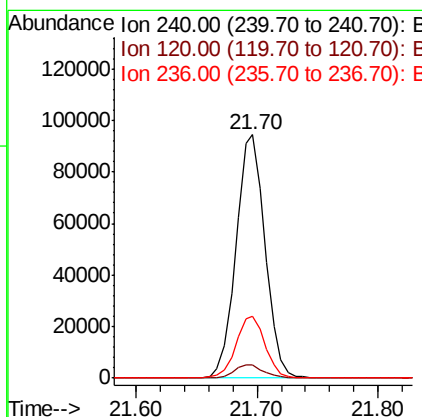
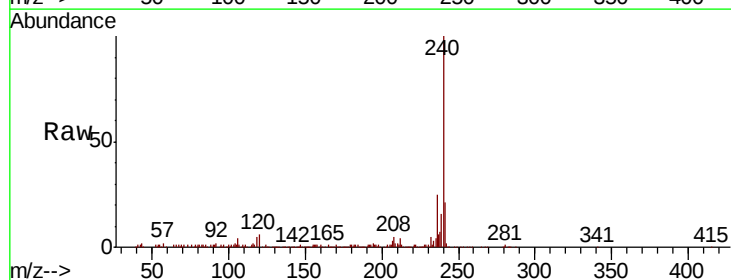
Instrument :
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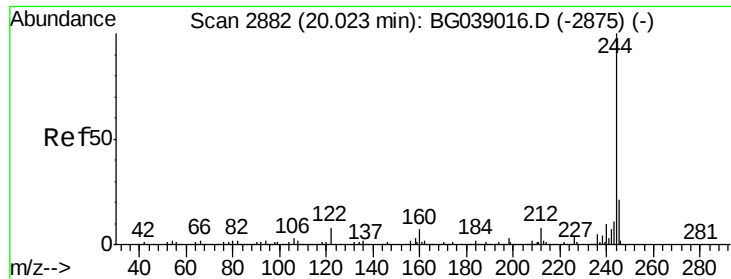
Tot Ion:188 Resp: 155483
Ion Ratio Lower Upper
188 100
94 4.7 5.0 7.4#
80 5.9 4.7 7.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BG039063.D
Acq: 10 Jan 2019 21:56

Tgt Ion:240 Resp: 157936
Ion Ratio Lower Upper
240 100
120 5.6 4.3 6.5
236 25.4 20.1 30.1





#79

Terphenyl-d14

Concen: 46.246 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG039063.D

Acq: 10 Jan 2019 21:56

Instrument :

BNA_G

ClientSampleId :

WATER-DRUMS-A

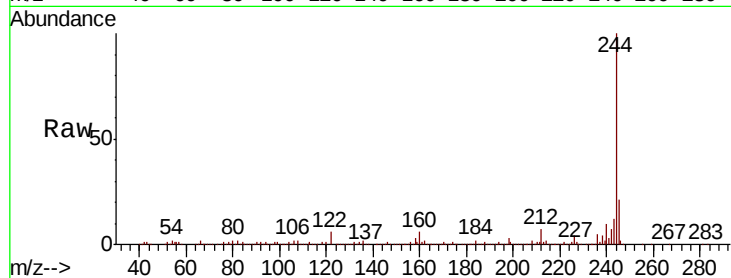
Tot Ion:244 Resp: 394830

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

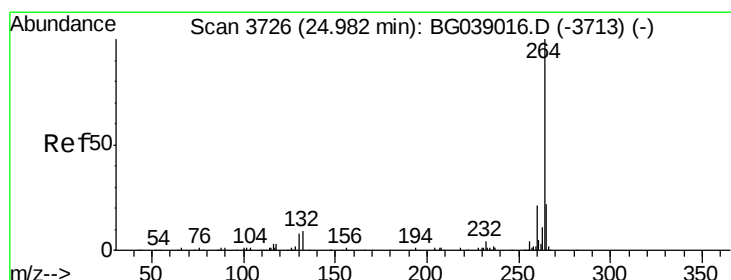
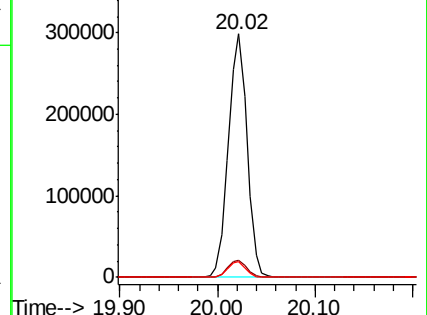
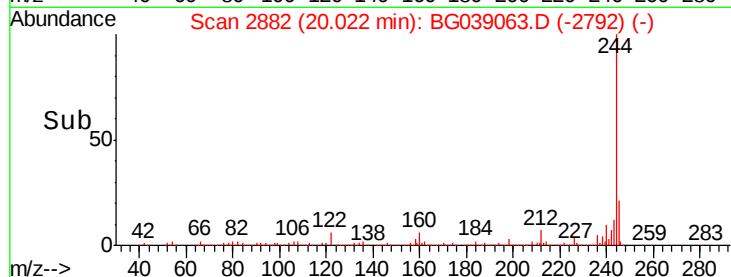
122 6.4 6.1 9.1



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: 24.97 min Scan# 3725

Delta R.T. -0.01 min

Lab File: BG039063.D

Acq: 10 Jan 2019 21:56

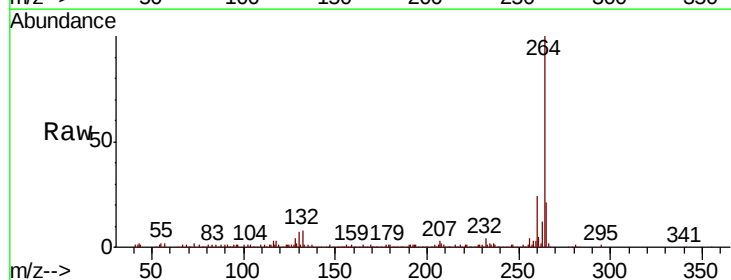
Tgt Ion:264 Resp: 173930

Ion Ratio Lower Upper

264 100

260 23.9 17.0 25.6

265 21.3 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

