

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041019\
 Data File : BG040426.D
 Acq On : 10 Apr 2019 22:22
 Operator : JU/SJ
 Sample : K2311-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0236-COMP-CS-1-ELTRT

Quant Time: Apr 11 06:09:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

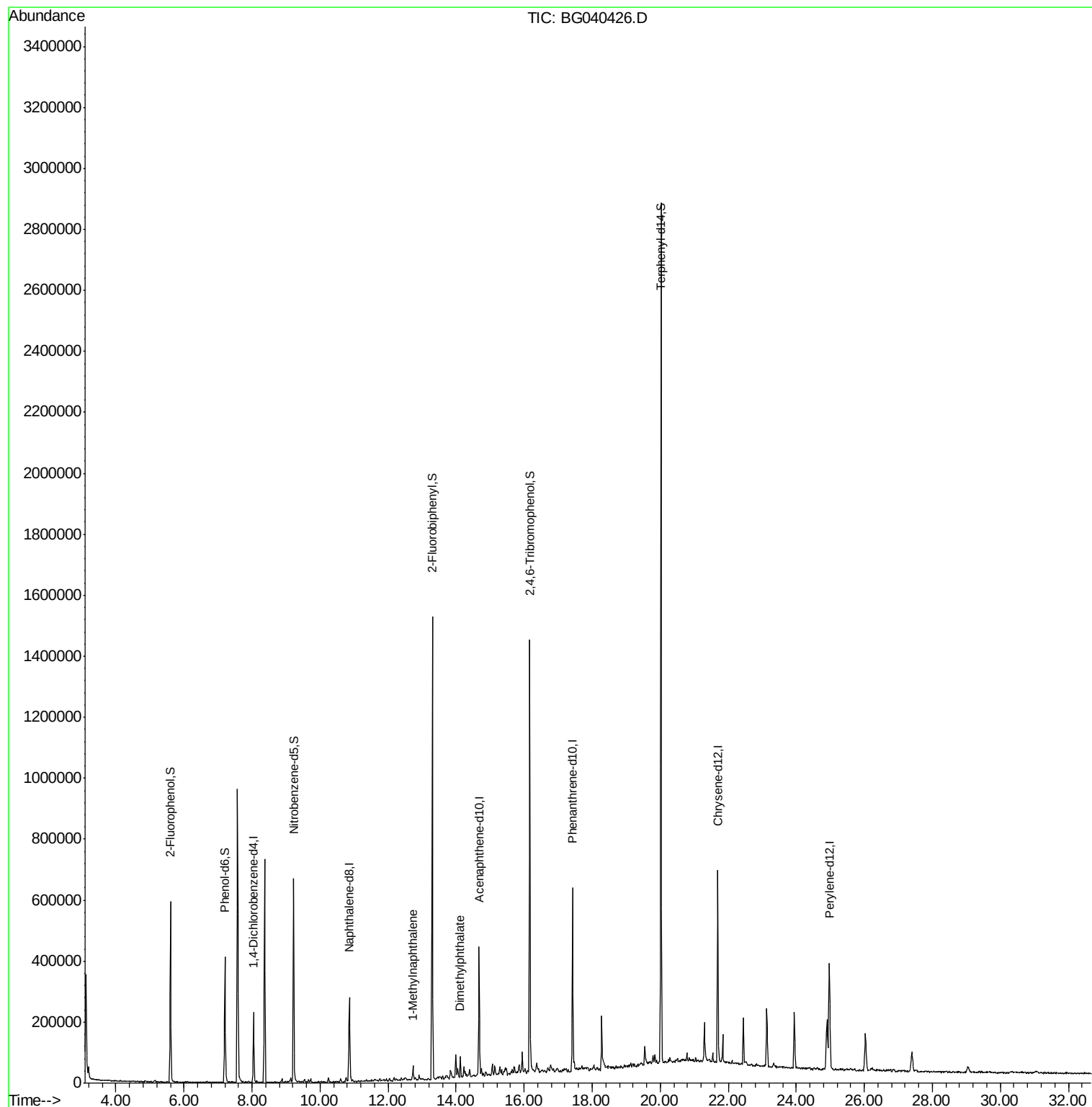
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	64086	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	252238	20.00	ng	-0.02
39) Acenaphthene-d10	14.67	164	150959	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	373417	20.00	ng	-0.02
76) Chrysene-d12	21.69	240	382272	20.00	ng	-0.04
87) Perylene-d12	24.97	264	386850	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	265228	68.80	ng	-0.02
7) Phenol-d6	7.20	99	253972	47.67	ng	-0.02
23) Nitrobenzene-d5	9.22	82	401513	84.61	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	248668	152.42	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	815750	80.07	ng	-0.02
79) Terphenyl-d14	20.02	244	1321236	77.75	ng	-0.03
Target Compounds						
38) 1-Methylnaphthalene	12.73	142	22537	2.431	ng	94
50) Dimethylphthalate	14.12	163	44632	3.778	ng	100

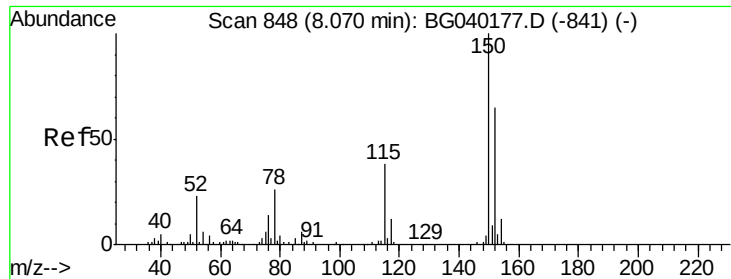
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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Instrument :
BNA_G
ClientSampleId :
0236-COMP-CS-1-ELTRT

Quant Time: Apr 11 06:09:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration



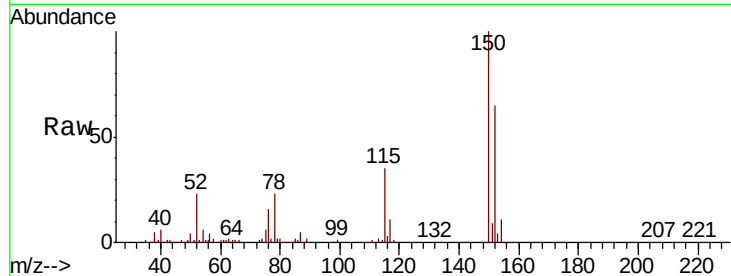


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040426.D
Acq: 10 Apr 2019 22:22

Instrument :
BNA_G
ClientSampleId :
0236-COMP-CS-1-ELTRT

Tot Ion	152	Resp	64086
Ion Ratio	Lower	Upper	
152	100		
150	154.0	123.7	185.5
115	54.2	46.9	70.3

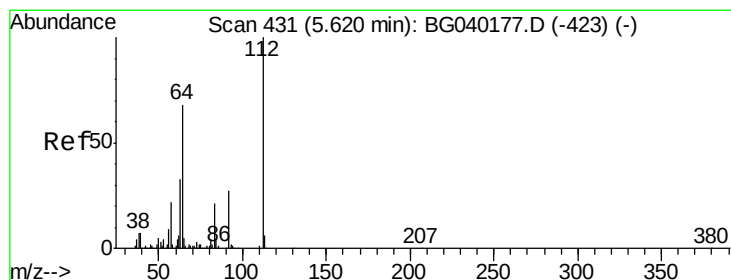
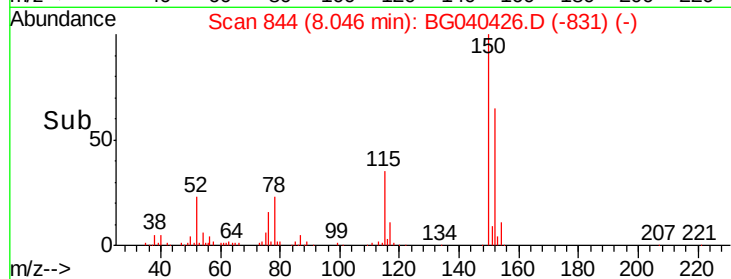
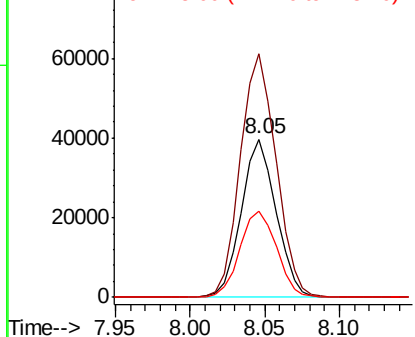


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

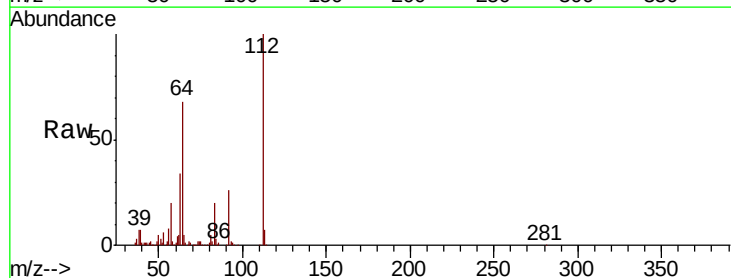
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 68.801 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.02 min
Lab File: BG040426.D
Acq: 10 Apr 2019 22:22

Tgt Ion	112	Resp	265228
Ion Ratio	Lower	Upper	
112	100		
64	68.4	54.2	81.2
63	34.1	26.4	39.6

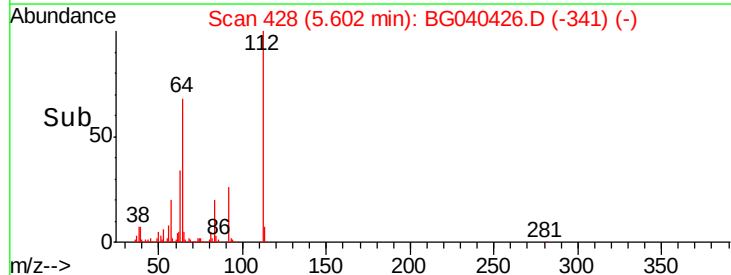
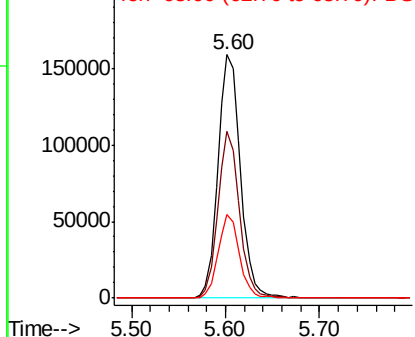


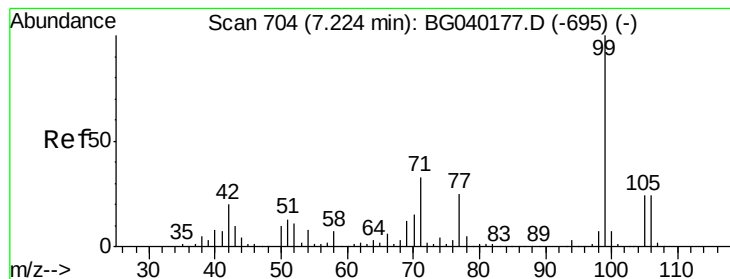
Abundance

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: 47.670 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040426.D

Acq: 10 Apr 2019 22:22

Instrument :

BNA_G

ClientSampleId :

0236-COMP-CS-1-ELTRT

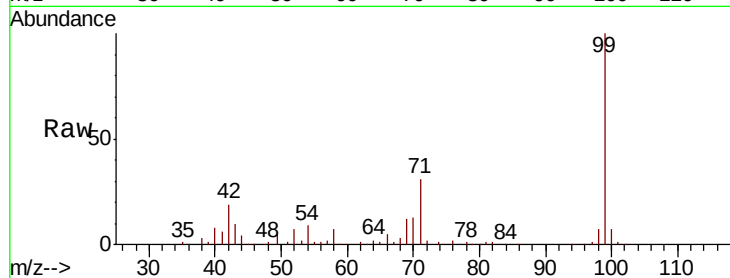
Tot Ion: 99 Resp: 253972

Ion Ratio Lower Upper

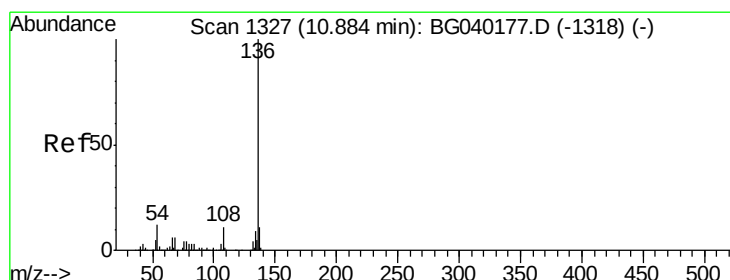
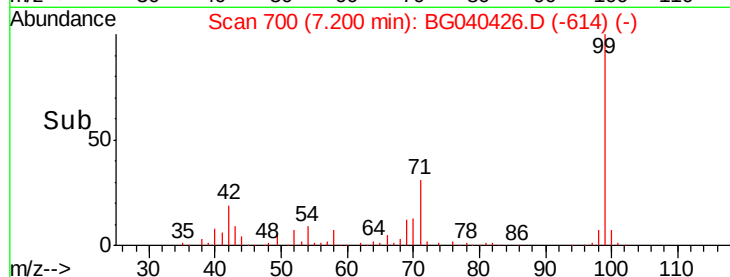
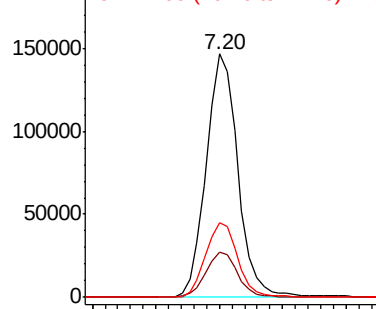
99 100

42 18.5 16.2 24.2

71 30.7 26.8 40.2



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BG040426.D

Acq: 10 Apr 2019 22:22

Tgt Ion: 136 Resp: 252238

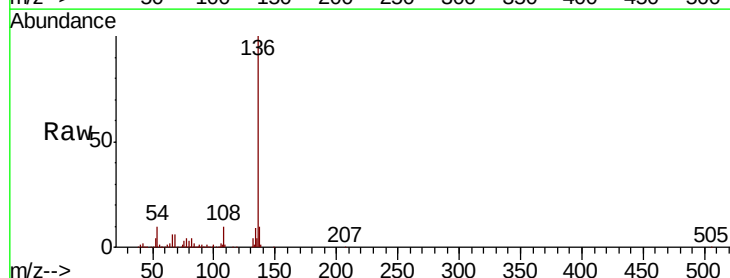
Ion Ratio Lower Upper

136 100

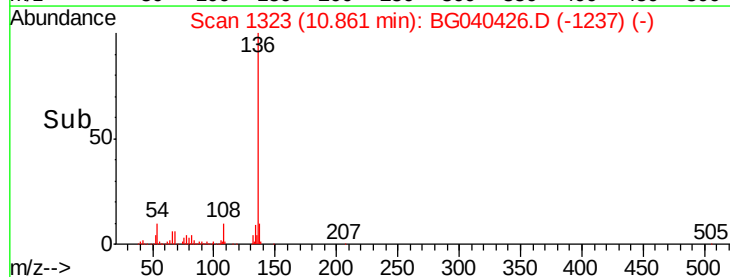
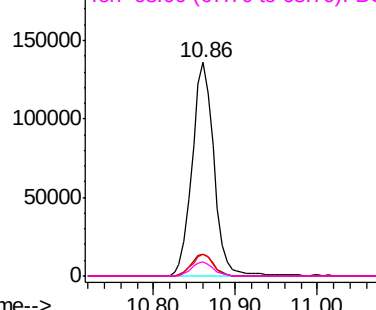
137 10.2 8.9 13.3

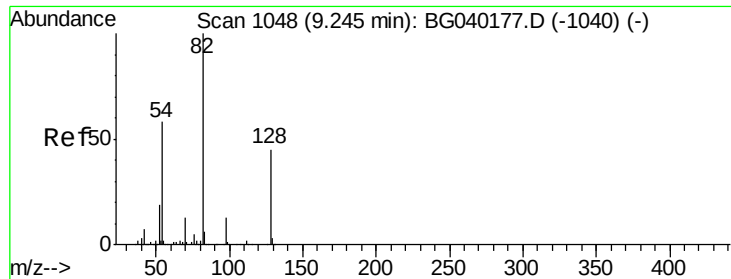
54 10.1 9.6 14.4

68 6.3 5.1 7.7



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





#23

Nitrobenzene-d5

Concen: 84.610 ng

RT: 9.22 min Scan# 1044

Delta R.T. -0.02 min

Lab File: BG040426.D

Acq: 10 Apr 2019 22:22

Instrument :

BNA_G

ClientSampleId :

0236-COMP-CS-1-ELTRT

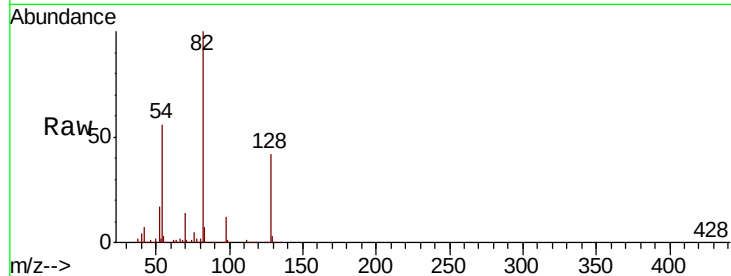
Tot Ion: 82 Resp: 401513

Ion Ratio Lower Upper

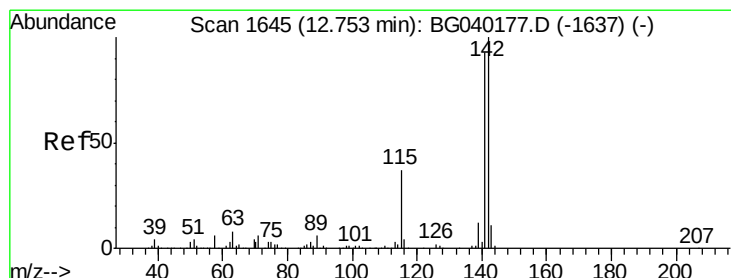
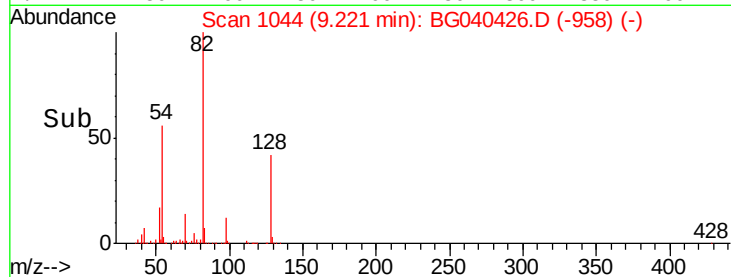
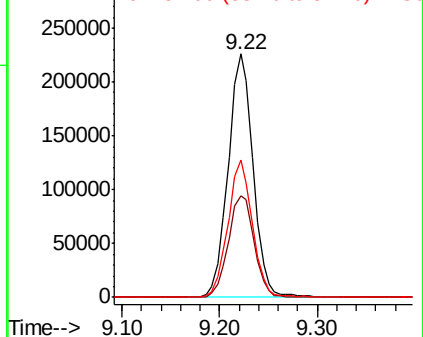
82 100

128 41.7 35.8 53.8

54 56.4 46.2 69.2



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#38

1-Methylnaphthalene

Concen: 2.431 ng

RT: 12.73 min Scan# 1641

Delta R.T. -0.02 min

Lab File: BG040426.D

Acq: 10 Apr 2019 22:22

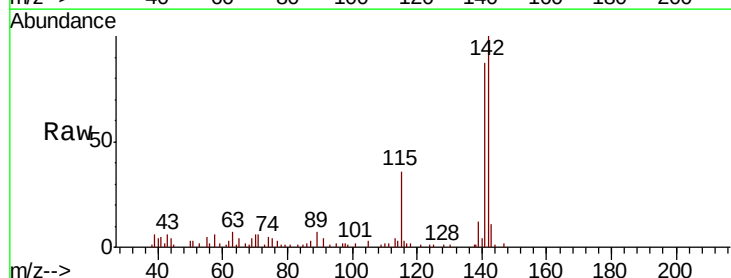
Tgt Ion: 142 Resp: 22537

Ion Ratio Lower Upper

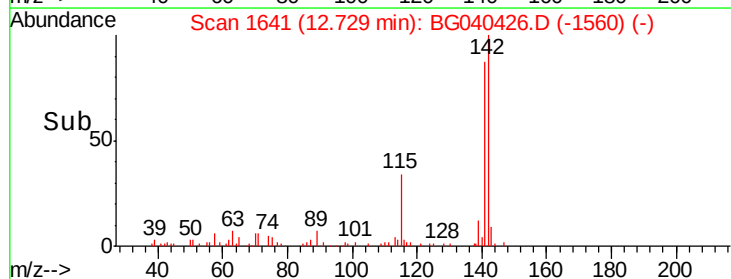
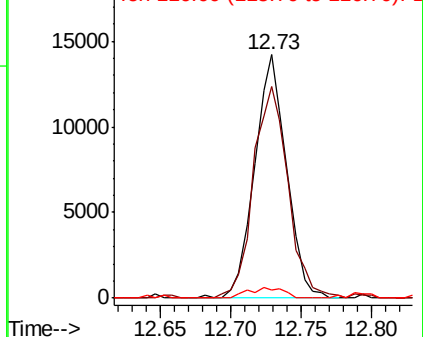
142 100

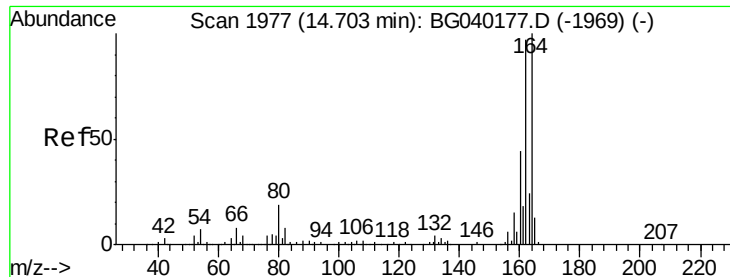
141 86.9 74.2 111.4

116 3.3 3.0 4.4



Abundance Ion 142.00 (141.70 to 142.70): BGC
Ion 141.00 (140.70 to 141.70): BGC
Ion 116.00 (115.70 to 116.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.03 min

Lab File: BG040426.D

Acq: 10 Apr 2019 22:22

Instrument :

BNA_G

ClientSampleId :

0236-COMP-CS-1-ELTRT

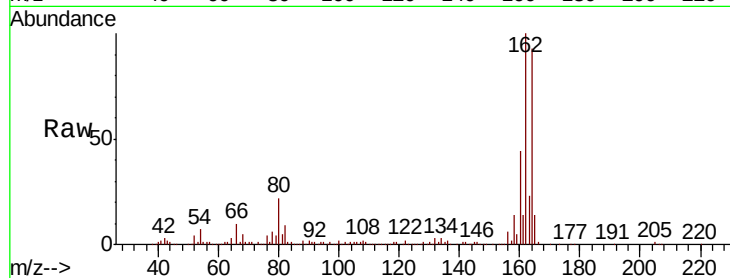
Tot Ion:164 Resp: 150959

Ion Ratio Lower Upper

164 100

162 107.3 77.4 116.2

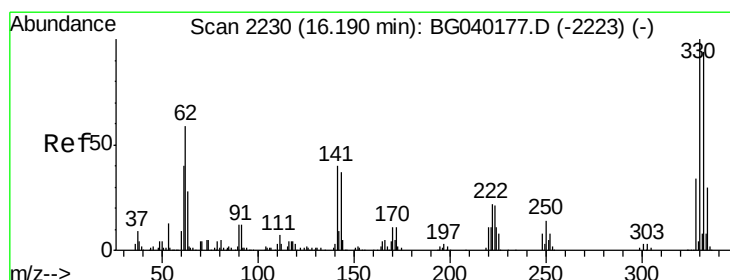
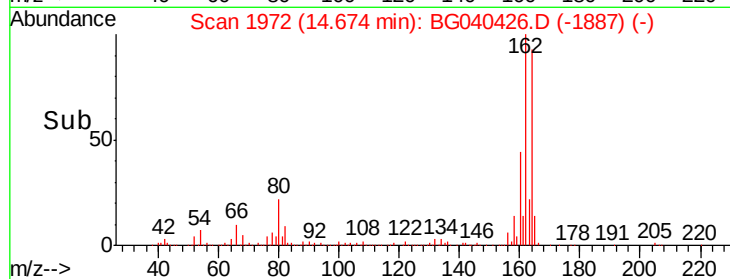
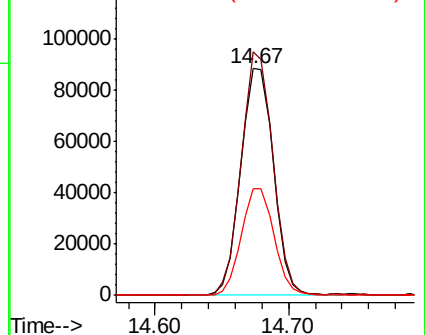
160 47.2 35.3 52.9



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: 152.419 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.02 min

Lab File: BG040426.D

Acq: 10 Apr 2019 22:22

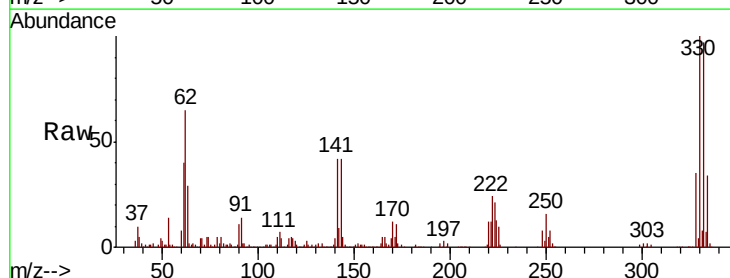
Tgt Ion:330 Resp: 248668

Ion Ratio Lower Upper

330 100

332 96.5 76.6 115.0

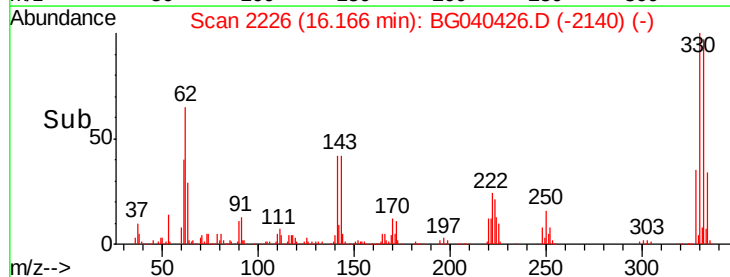
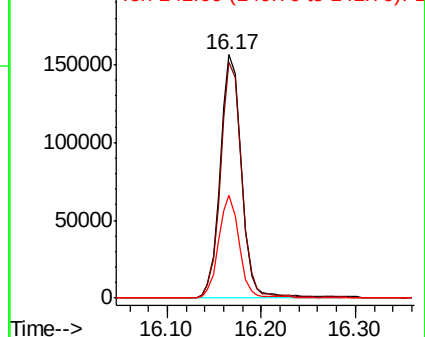
141 40.8 32.6 48.8

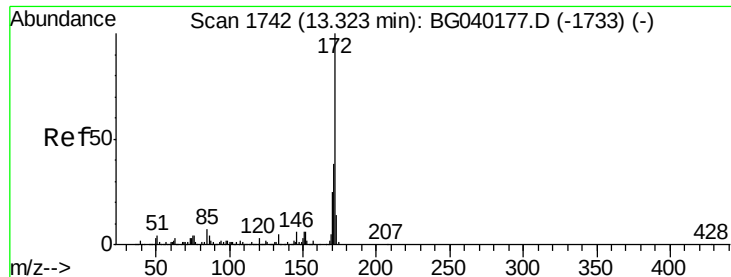


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

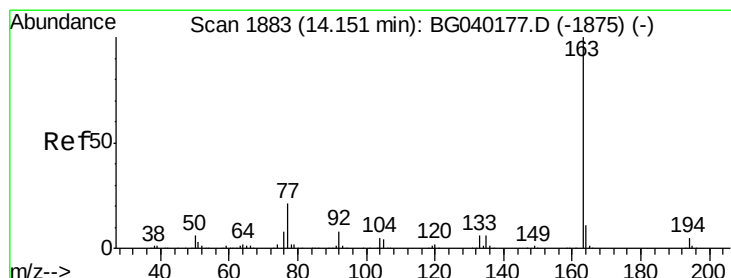
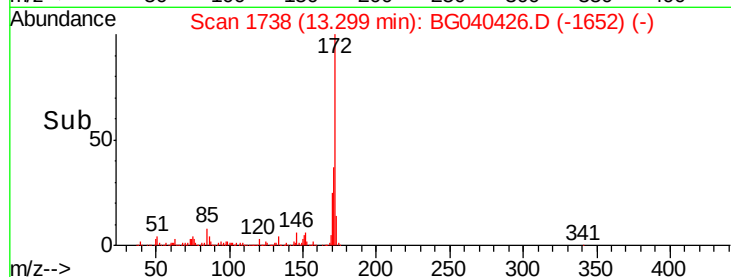
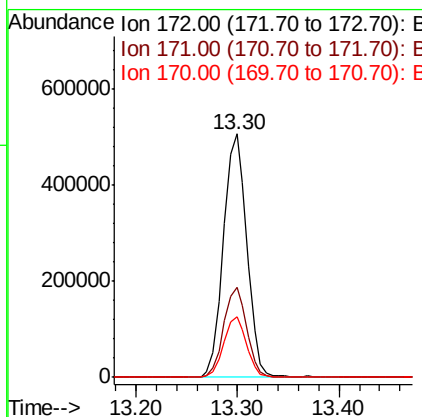
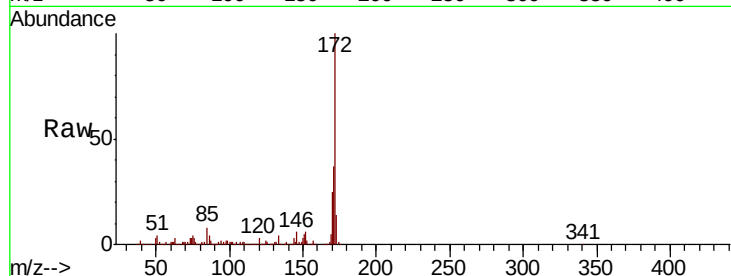




#45
2-Fluorobiphenyl
Concen: 80.071 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG040426.D
Acq: 10 Apr 2019 22:22

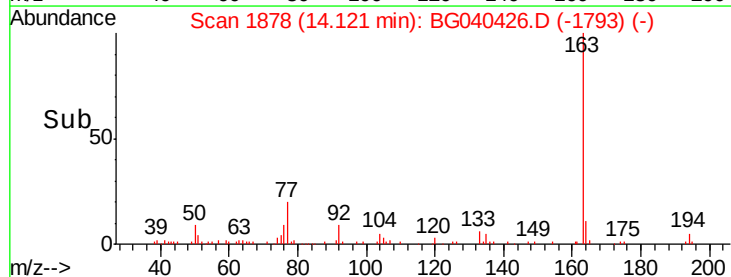
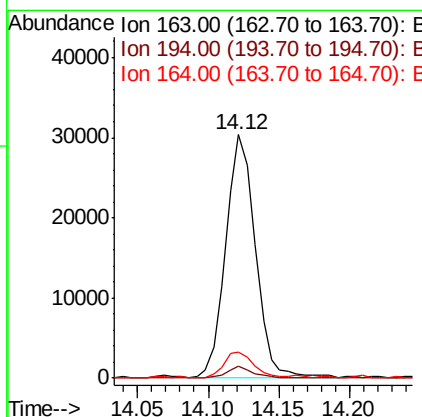
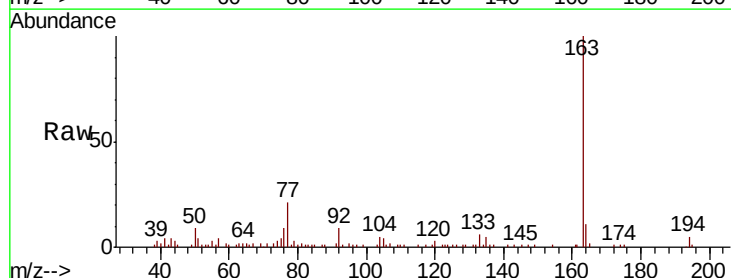
Instrument :
BNA_G
ClientSampleId :
0236-COMP-CS-1-ELTRT

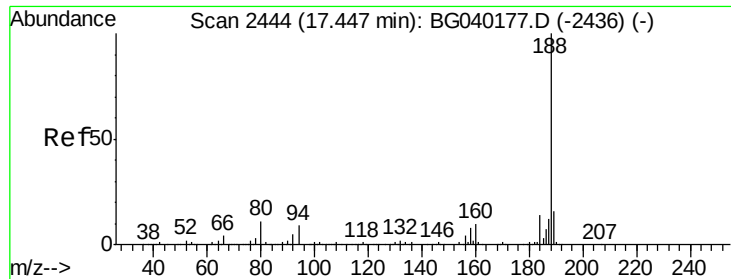
Tot Ion:172 Resp: 815750
Ion Ratio Lower Upper
172 100
171 37.2 30.5 45.7
170 25.1 20.1 30.1



#50
Dimethylphthalate
Concen: 3.778 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.03 min
Lab File: BG040426.D
Acq: 10 Apr 2019 22:22

Tgt Ion:163 Resp: 44632
Ion Ratio Lower Upper
163 100
194 5.0 4.1 6.1
164 10.9 8.6 13.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2440

Delta R.T. -0.02 min

Lab File: BG040426.D

Acq: 10 Apr 2019 22:22

Instrument :

BNA_G

ClientSampleId :

0236-COMP-CS-1-ELTRT

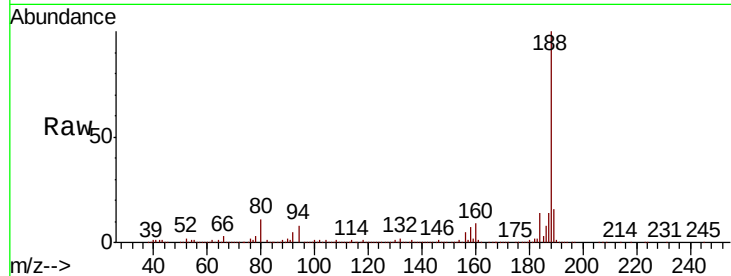
Tot Ion:188 Resp: 373417

Ion Ratio Lower Upper

188 100

94 8.5 7.0 10.4

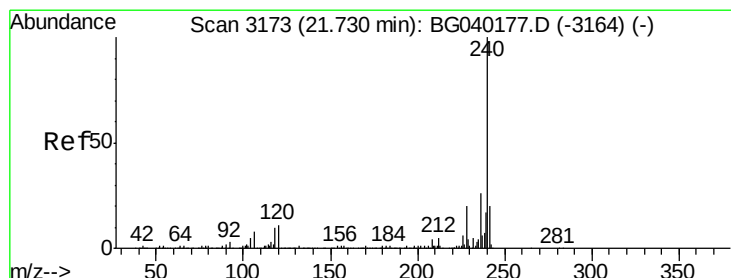
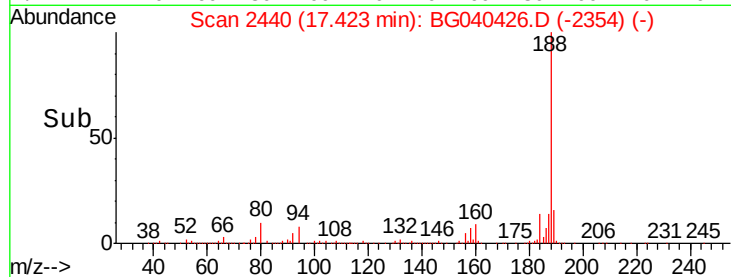
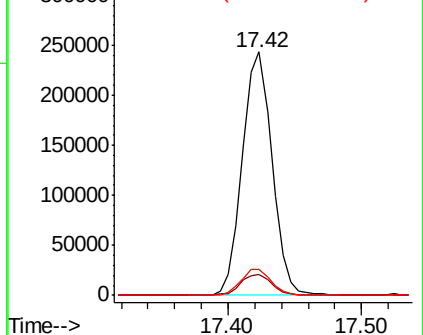
80 10.6 8.6 13.0



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: 21.69 min Scan# 3167

Delta R.T. -0.04 min

Lab File: BG040426.D

Acq: 10 Apr 2019 22:22

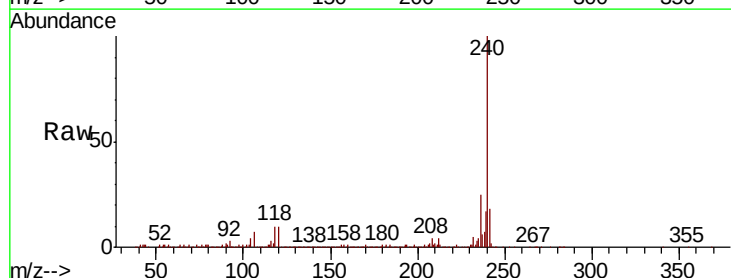
Tgt Ion:240 Resp: 382272

Ion Ratio Lower Upper

240 100

120 9.9 8.4 12.6

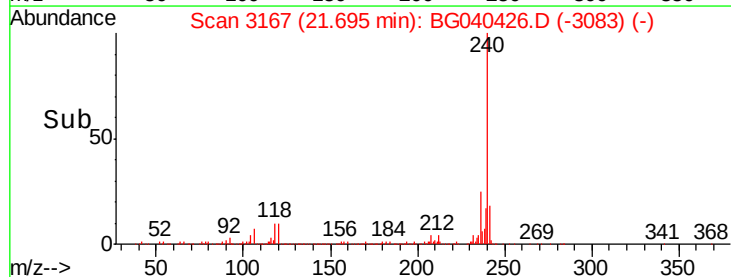
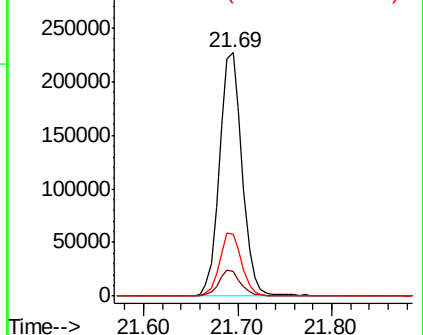
236 25.4 20.8 31.2

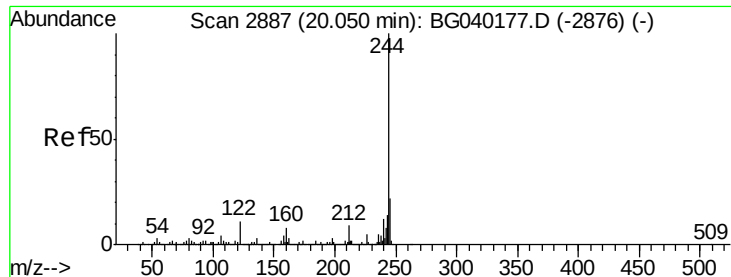


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 77.754 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040426.D

Acq: 10 Apr 2019 22:22

Instrument :

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0236-COMP-CS-1-ELTRT

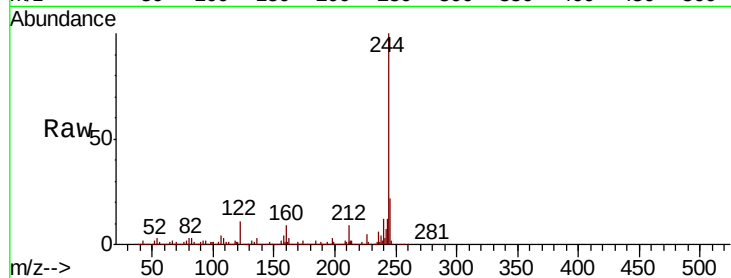
Tot Ion:244 Resp: 1321236

Ion Ratio Lower Upper

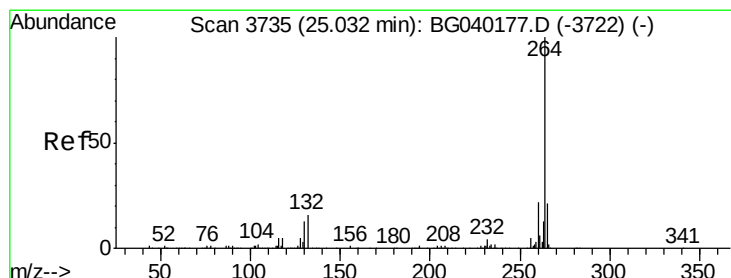
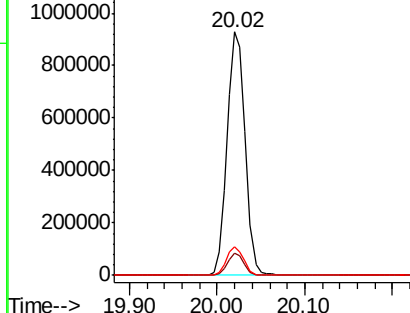
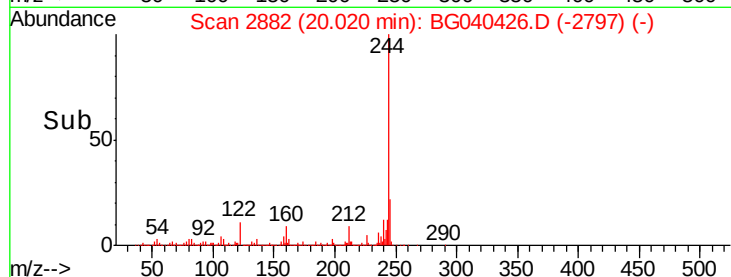
244 100

212 8.9 7.0 10.6

122 11.5 8.5 12.7



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# 3724

Delta R.T. -0.06 min

Lab File: BG040426.D

Acq: 10 Apr 2019 22:22

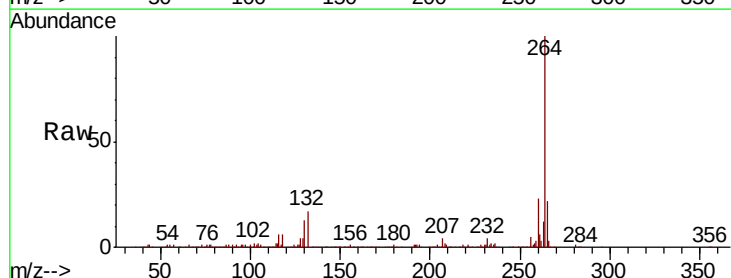
Tgt Ion:264 Resp: 386850

Ion Ratio Lower Upper

264 100

260 23.1 17.9 26.9

265 22.1 16.8 25.2



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

