

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040319\
 Data File : BG040351.D
 Acq On : 4 Apr 2019 8:35
 Operator : JU/SJ
 Sample : K2214-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2-D

Quant Time: Apr 04 11:25:52 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

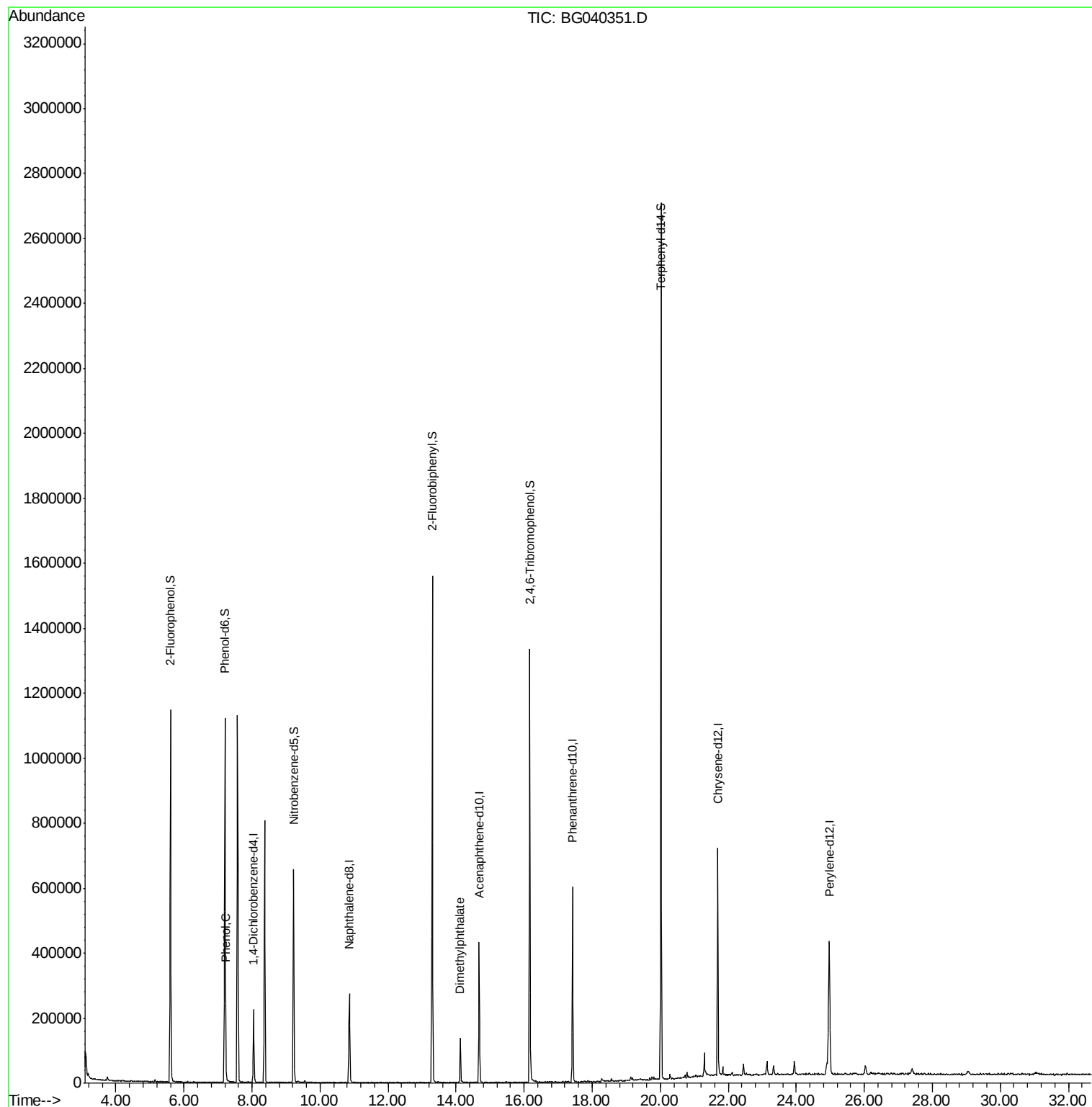
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	64265	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	251915	20.00	ng	-0.02
39) Acenaphthene-d10	14.67	164	154362	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	379236	20.00	ng	-0.02
76) Chrysene-d12	21.69	240	434384	20.00	ng	-0.04
87) Perylene-d12	24.97	264	448090	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	509967	131.92	ng	-0.02
7) Phenol-d6	7.20	99	693441	129.80	ng	-0.02
23) Nitrobenzene-d5	9.22	82	413046	87.15	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	243168	145.76	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	850941	81.68	ng	-0.02
79) Terphenyl-d14	20.02	244	1301895	67.42	ng	-0.03
Target Compounds						
10) Phenol	7.23	94	18312	3.158	ng	87
50) Dimethylphthalate	14.13	163	104698	8.666	ng	97

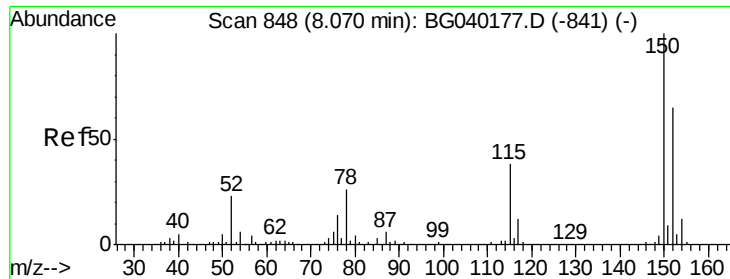
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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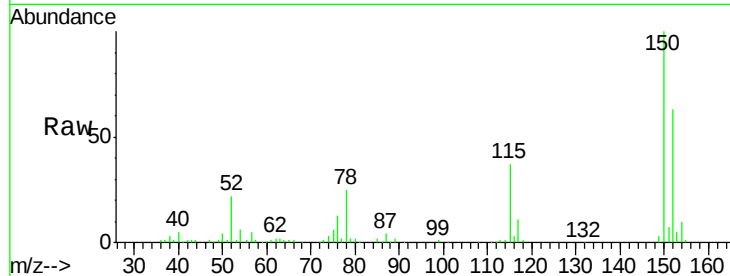


#1

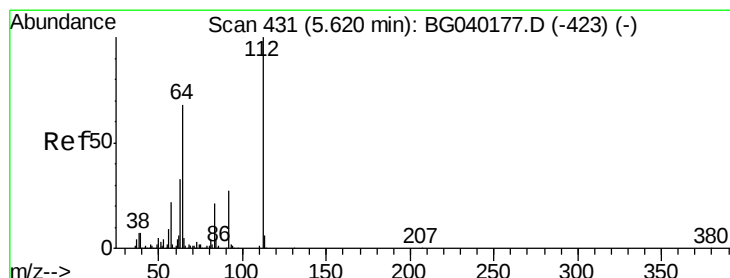
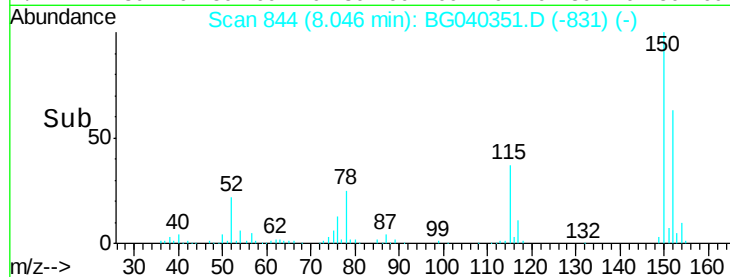
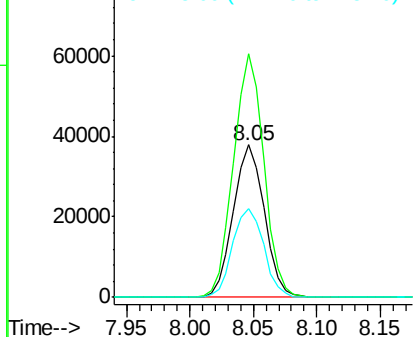
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040351.D
Acq: 4 Apr 2019 8:35

Instrument :
BNA_G
ClientSampleId :
TP-2-D

Tgt Ion:152 Resp: 64265
Ion Ratio Lower Upper
152 100
150 160.0 123.7 185.5
115 58.5 46.9 70.3



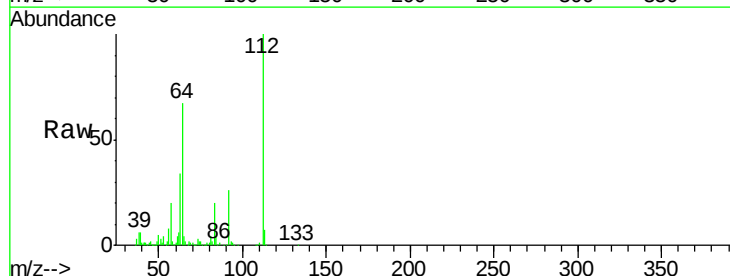
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



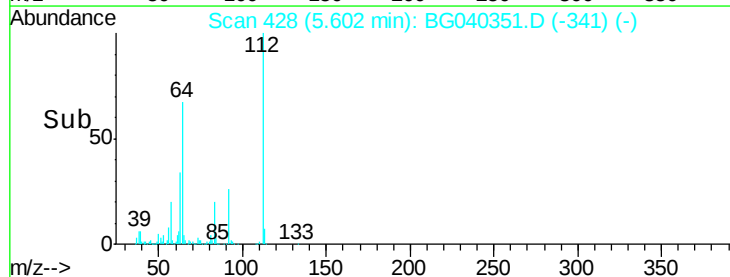
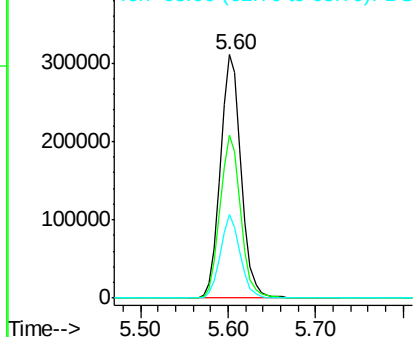
#5

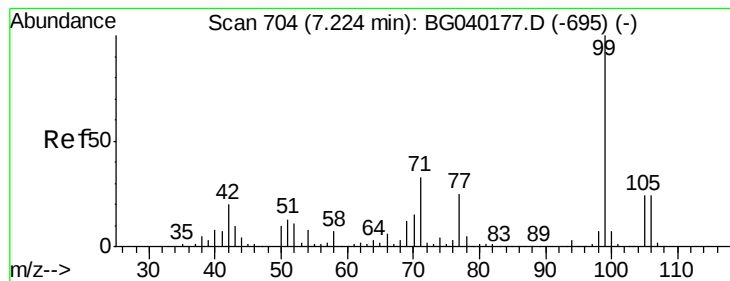
2-Fluorophenol
Concen: 131.919 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.02 min
Lab File: BG040351.D
Acq: 4 Apr 2019 8:35

Tgt Ion:112 Resp: 509967
Ion Ratio Lower Upper
112 100
64 66.9 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): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 129.796 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040351.D

Acq: 4 Apr 2019 8:35

Instrument :

BNA_G

ClientSampled :

TP-2-D

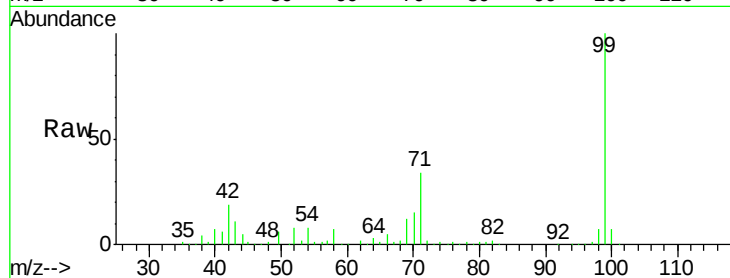
Tgt Ion: 99 Resp: 693441

Ion Ratio Lower Upper

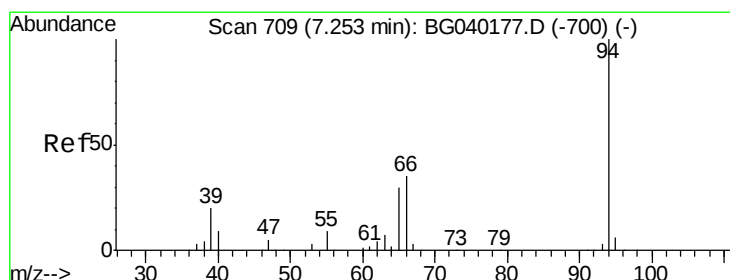
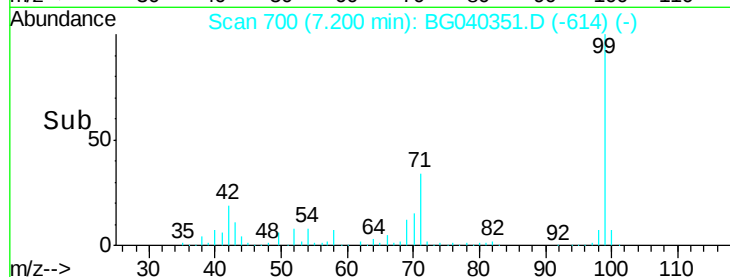
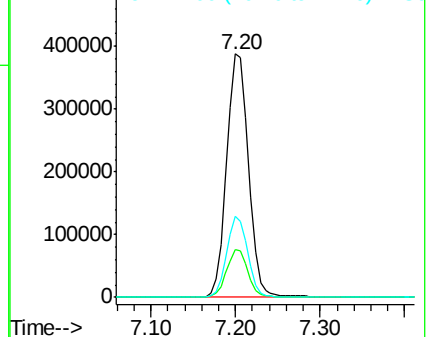
99 100

42 19.4 16.2 24.2

71 33.6 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



#10

Phenol

Concen: 3.158 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.02 min

Lab File: BG040351.D

Acq: 4 Apr 2019 8:35

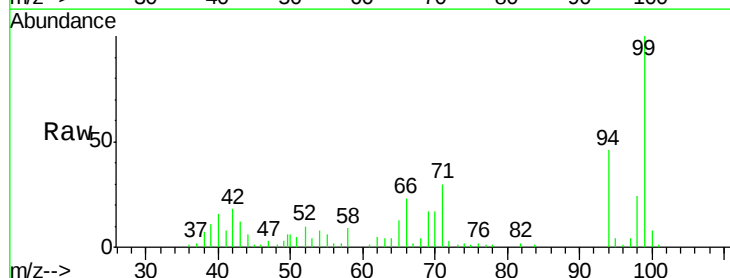
Tgt Ion: 94 Resp: 18312

Ion Ratio Lower Upper

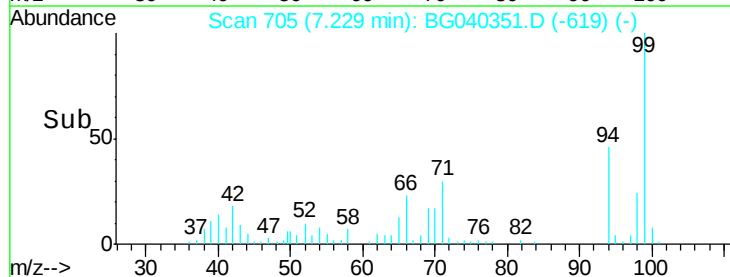
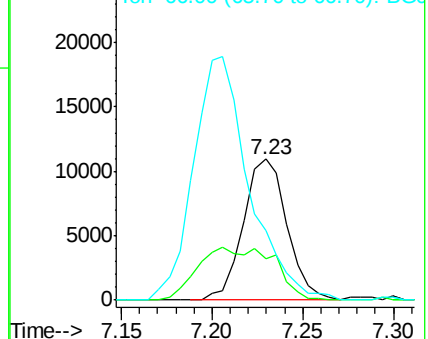
94 100

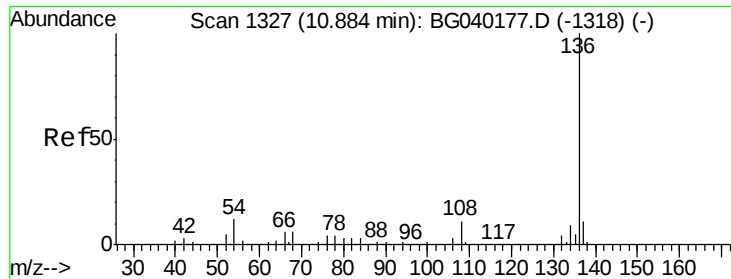
65 29.3 10.5 50.5

66 49.7 16.9 56.9



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

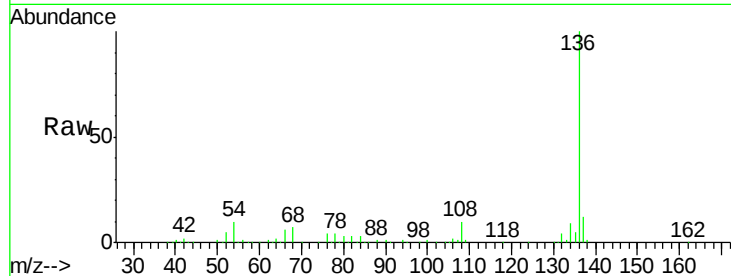




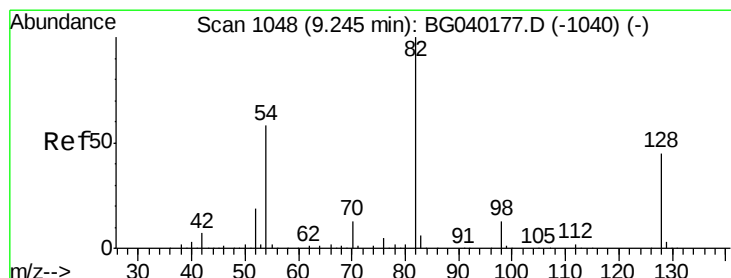
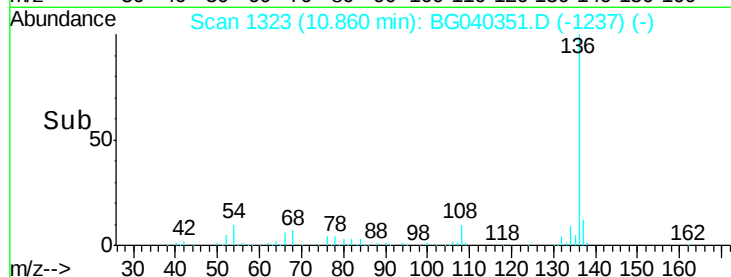
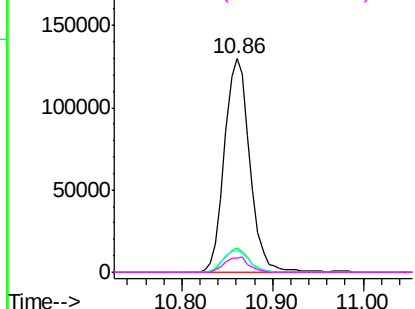
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG040351.D
Acq: 4 Apr 2019 8:35

Instrument :
BNA_G
ClientSampleId :
TP-2-D

Tgt Ion:	136	Resp:	251915
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.9	13.3
54	10.4	9.6	14.4
68	6.7	5.1	7.7

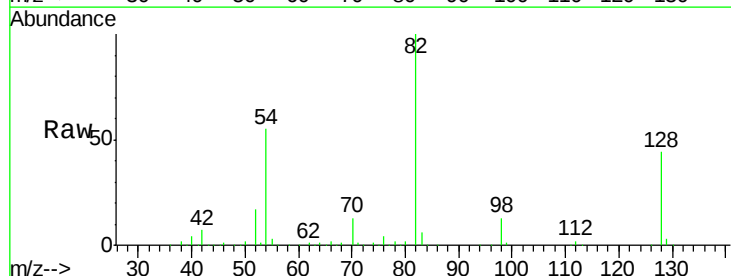


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

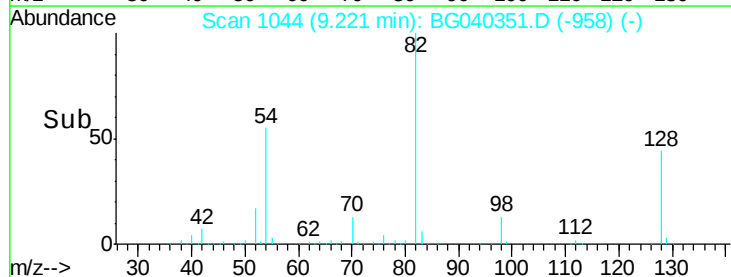
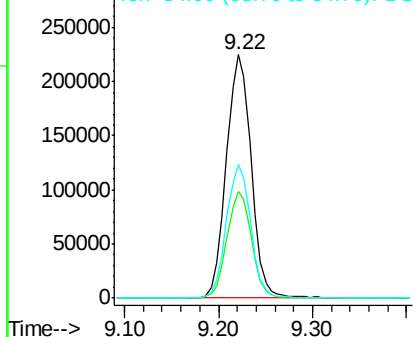


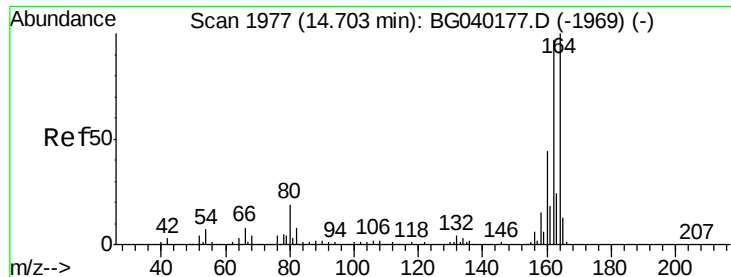
#23
Nitrobenzene-d5
Concen: 87.152 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG040351.D
Acq: 4 Apr 2019 8:35

Tgt Ion:	82	Resp:	413046
Ion	Ratio	Lower	Upper
82	100		
128	43.9	35.8	53.8
54	55.0	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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.03 min

Lab File: BG040351.D

Acq: 4 Apr 2019 8:35

Instrument :

BNA_G

ClientSampleId :

TP-2-D

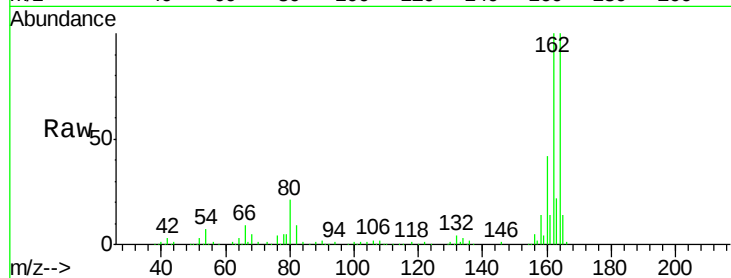
Tgt Ion:164 Resp: 154362

Ion Ratio Lower Upper

164 100

162 100.1 77.4 116.2

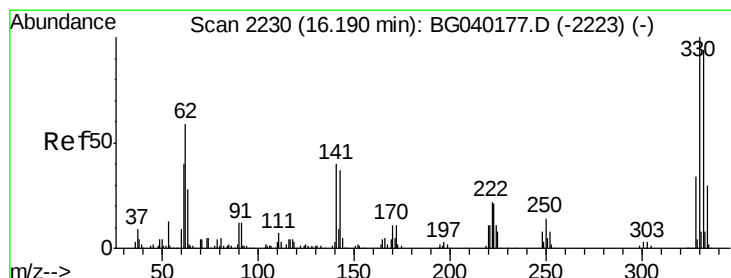
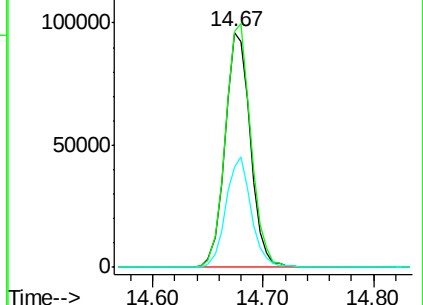
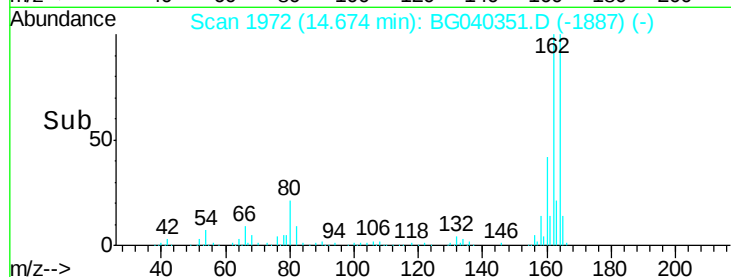
160 42.5 35.3 52.9



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: 145.762 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.02 min

Lab File: BG040351.D

Acq: 4 Apr 2019 8:35

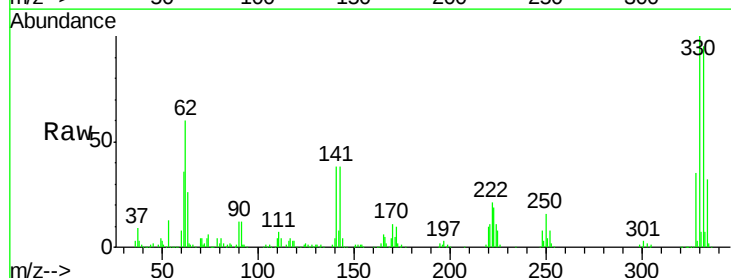
Tgt Ion:330 Resp: 243168

Ion Ratio Lower Upper

330 100

332 97.8 76.6 115.0

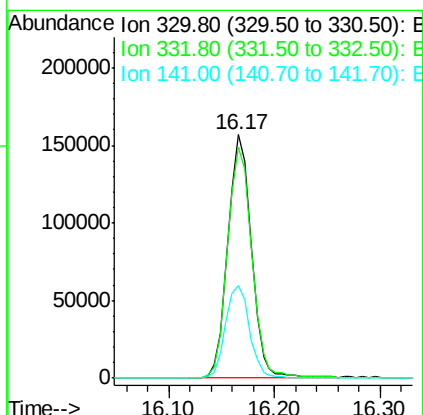
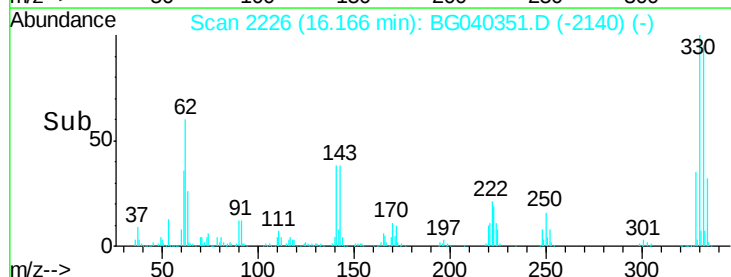
141 39.0 32.6 48.8

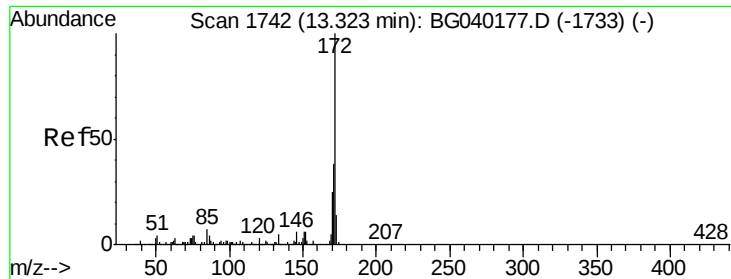


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

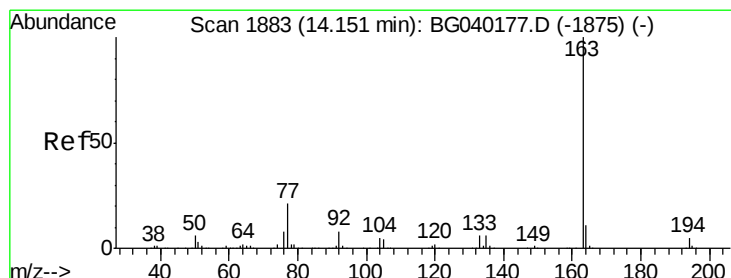
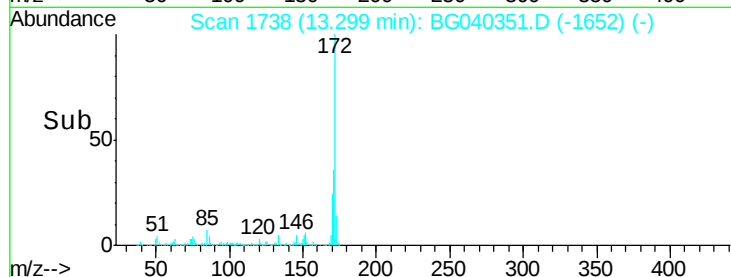
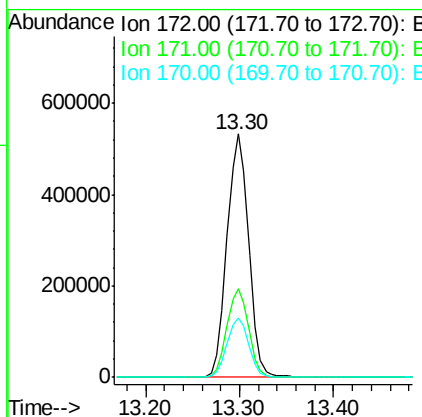
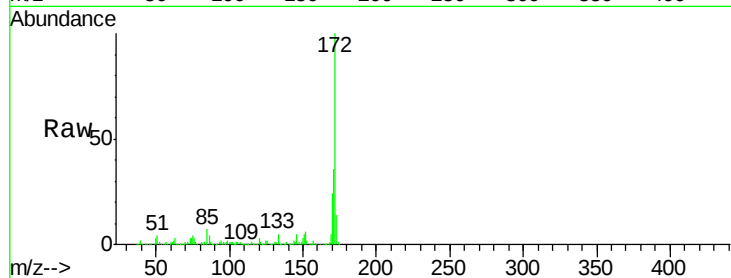




#45
 2-Fluorobiphenyl
 Concen: 81.684 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.02 min
 Lab File: BG040351.D
 Acq: 4 Apr 2019 8:35

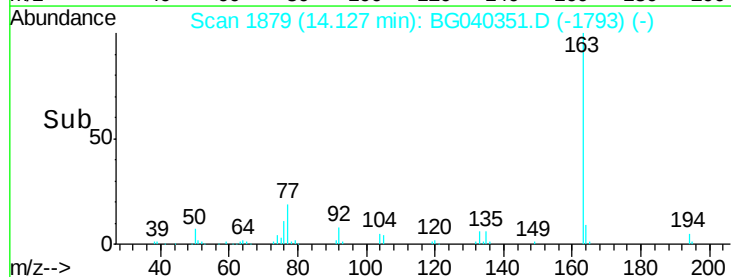
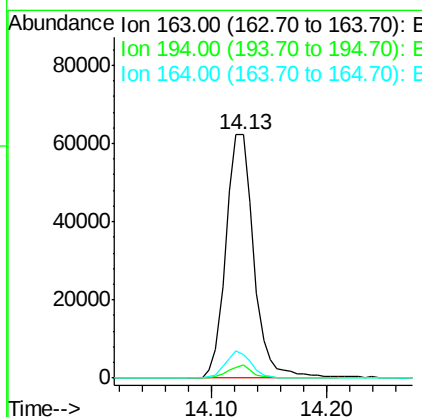
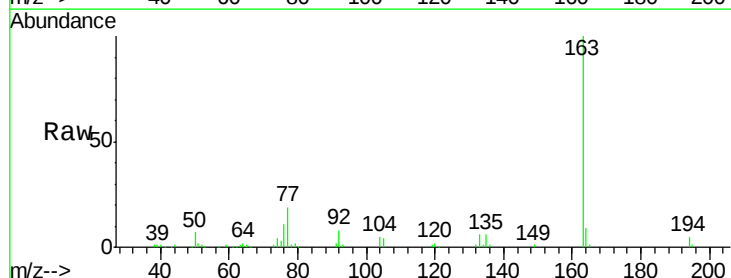
Instrument :
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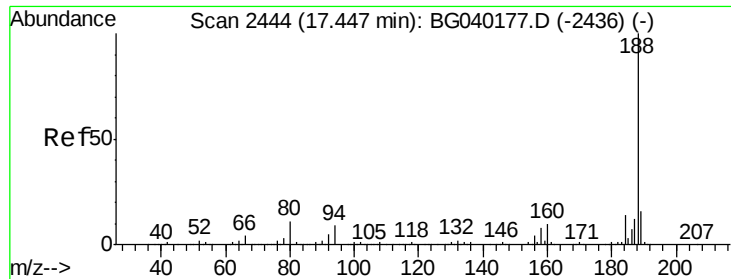
Tgt Ion:172 Resp: 850941
 Ion Ratio Lower Upper
 172 100
 171 36.5 30.5 45.7
 170 24.4 20.1 30.1



#50
 Dimethylphthalate
 Concen: 8.666 ng
 RT: 14.13 min Scan# 1879
 Delta R.T. -0.02 min
 Lab File: BG040351.D
 Acq: 4 Apr 2019 8:35

Tgt Ion:163 Resp: 104698
 Ion Ratio Lower Upper
 163 100
 194 5.5 4.1 6.1
 164 9.4 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: BG040351.D

Acq: 4 Apr 2019 8:35

Instrument :

BNA_G

ClientSampleId :

TP-2-D

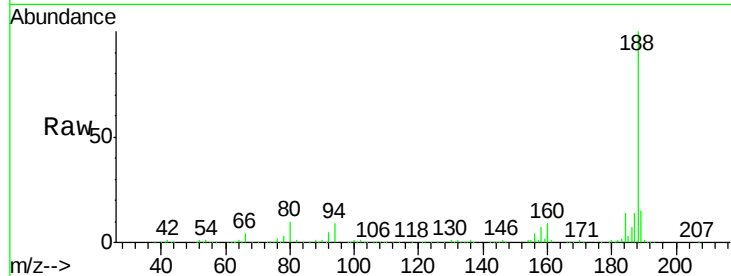
Tgt Ion:188 Resp: 379236

Ion Ratio Lower Upper

188 100

94 8.7 7.0 10.4

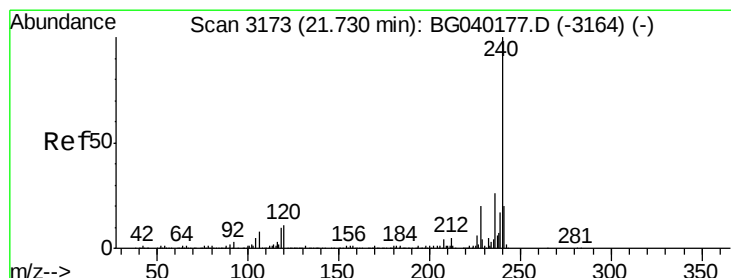
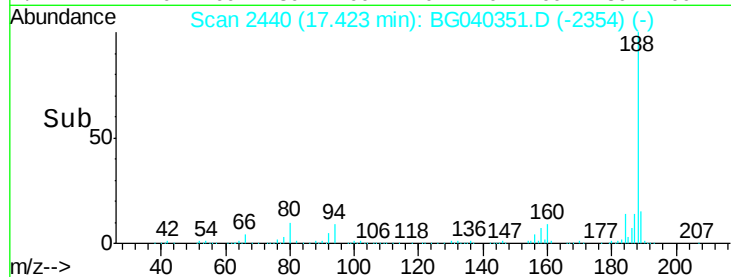
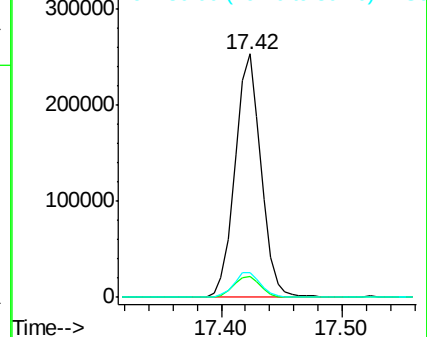
80 10.2 8.6 13.0



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: BG040351.D

Acq: 4 Apr 2019 8:35

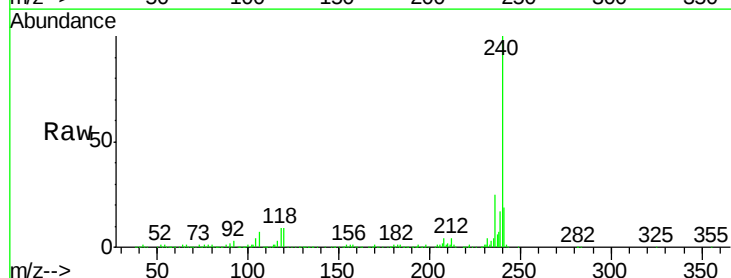
Tgt Ion:240 Resp: 434384

Ion Ratio Lower Upper

240 100

120 9.4 8.4 12.6

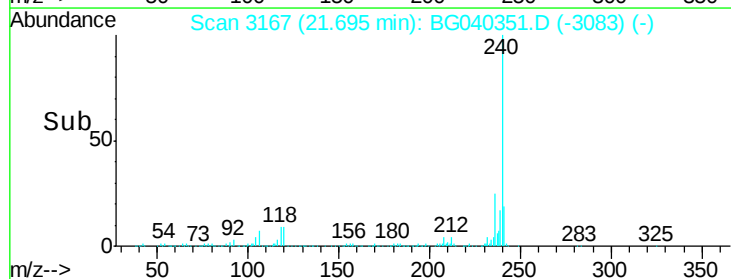
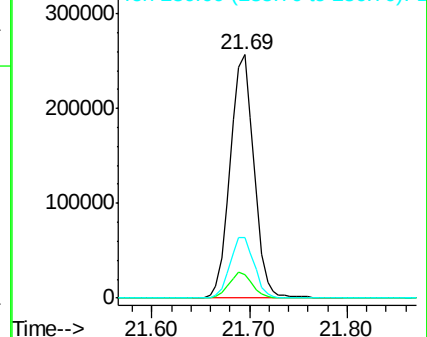
236 24.9 20.8 31.2

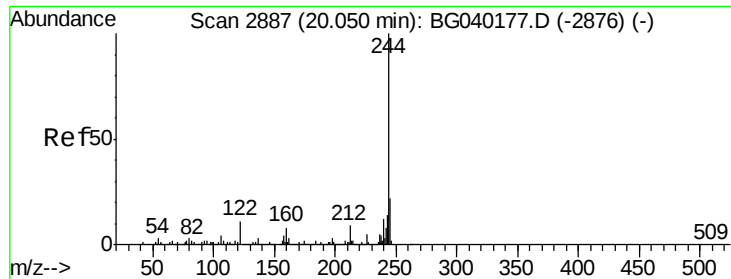


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 67.424 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040351.D

Acq: 4 Apr 2019 8:35

Instrument :

BNA_G

ClientSampleId :

TP-2-D

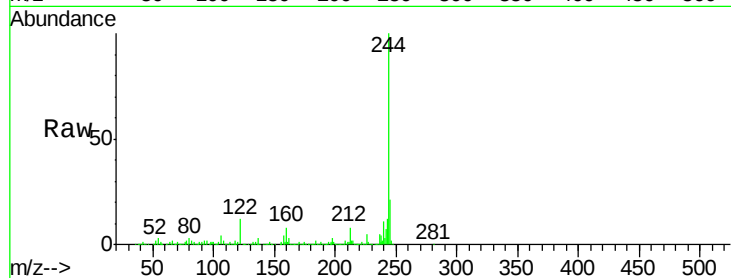
Tgt Ion:244 Resp: 1301895

Ion Ratio Lower Upper

244 100

212 8.3 7.0 10.6

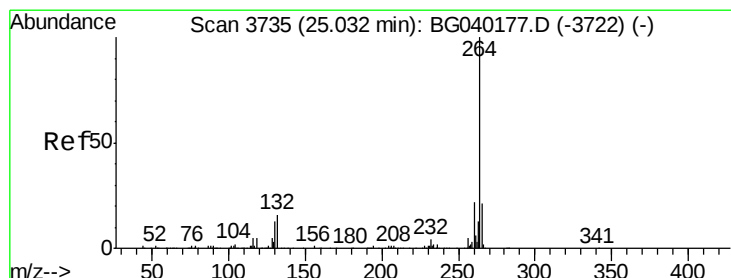
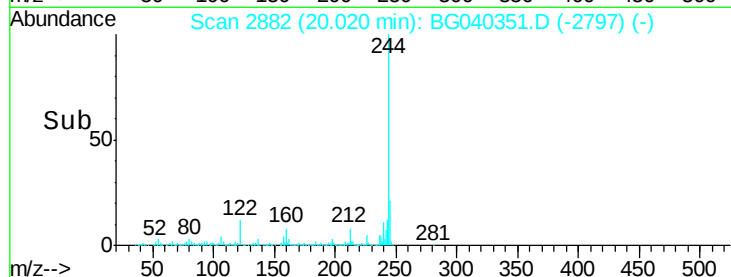
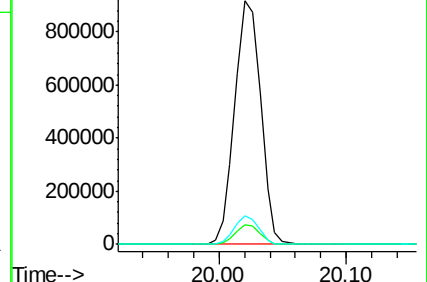
122 11.7 8.5 12.7



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: BG040351.D

Acq: 4 Apr 2019 8:35

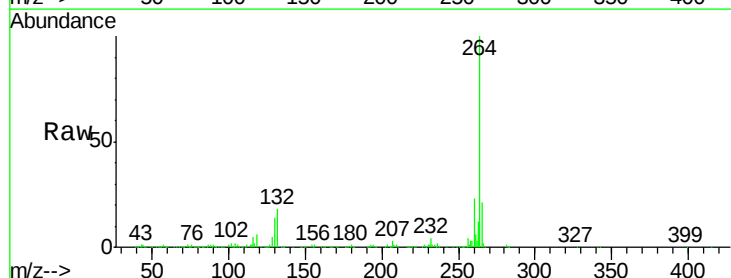
Tgt Ion:264 Resp: 448090

Ion Ratio Lower Upper

264 100

260 23.2 17.9 26.9

265 21.5 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

