

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040919\
 Data File : BG040397.D
 Acq On : 9 Apr 2019 13:43
 Operator : JU/SJ
 Sample : K2317-14
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1

Quant Time: Apr 10 03:46:51 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

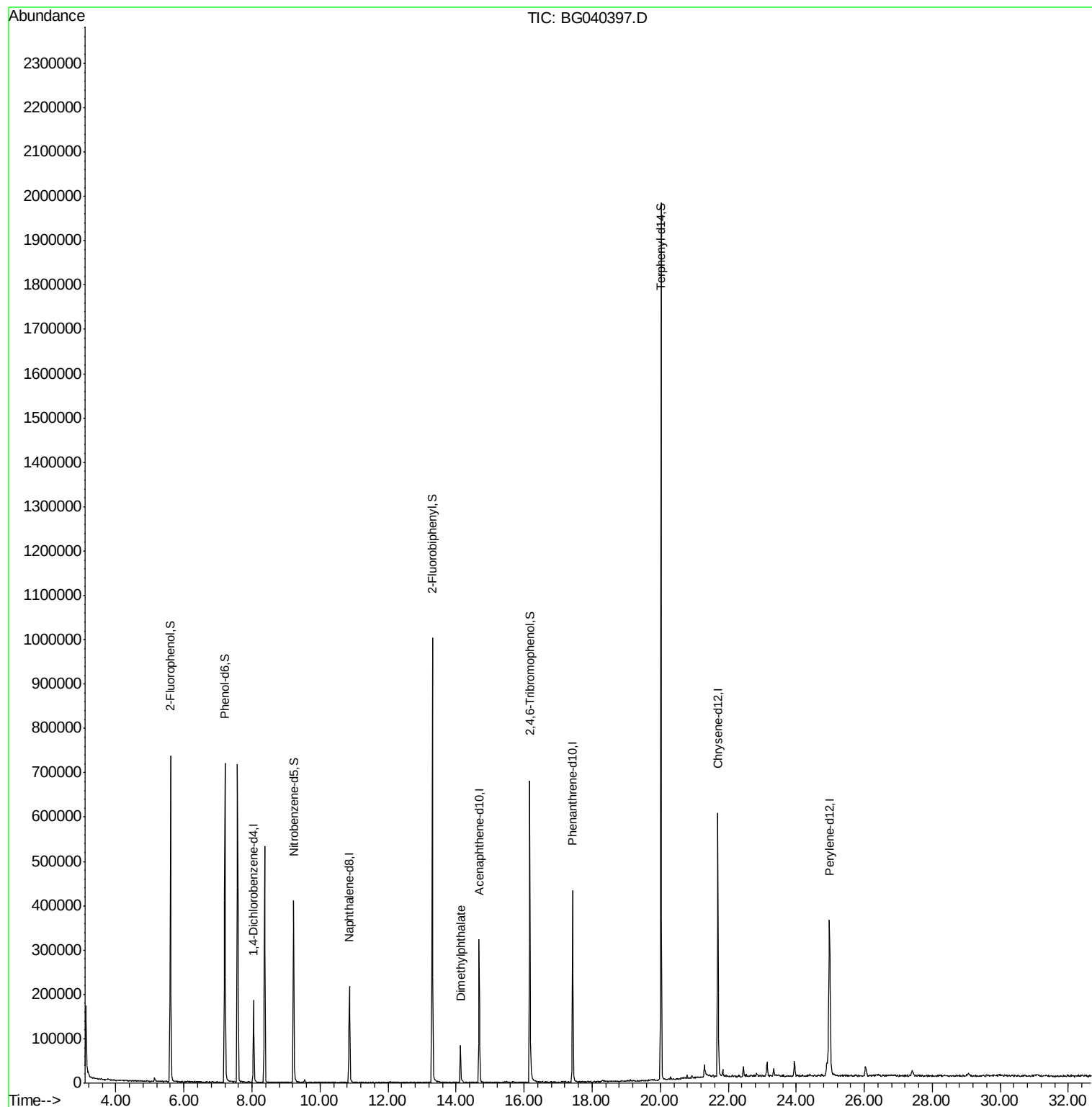
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	51965	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	202720	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	115709	20.00	ng	-0.02
64) Phenanthrene-d10	17.42	188	285834	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	383924	20.00	ng	-0.03
87) Perylene-d12	24.98	264	416095	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	332087	106.24	ng	-0.02
7) Phenol-d6	7.20	99	452243	104.69	ng	-0.02
23) Nitrobenzene-d5	9.22	82	256940	67.37	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	127570	102.01	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	554631	71.03	ng	-0.02
79) Terphenyl-d14	20.03	244	964652	56.53	ng	-0.02
Target Compounds						
50) Dimethylphthalate	14.13	163	66834	7.380	ng	Qvalue 96

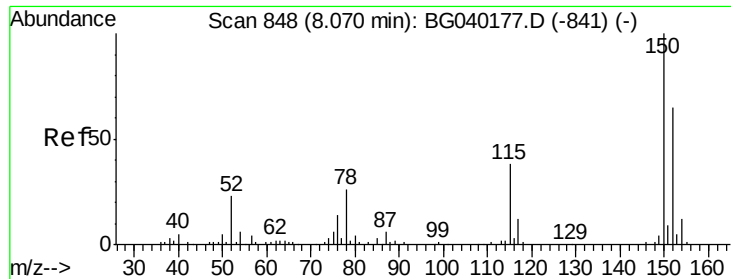
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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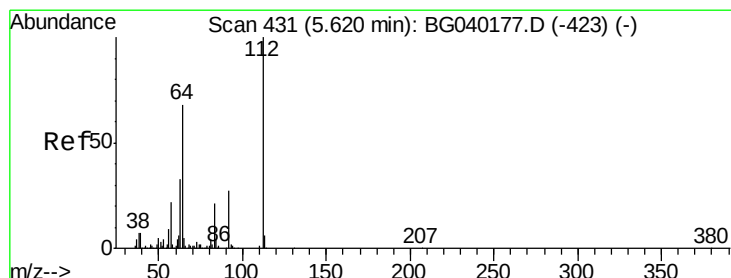
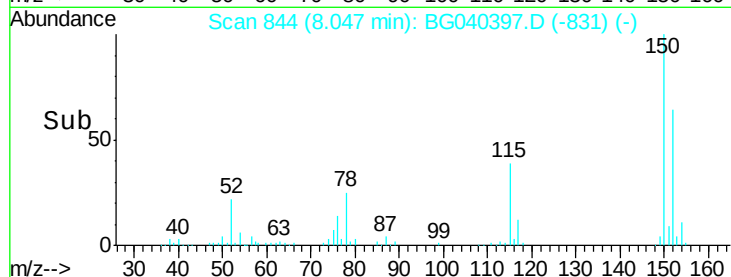
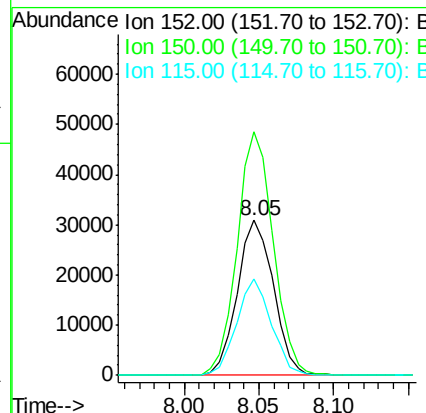
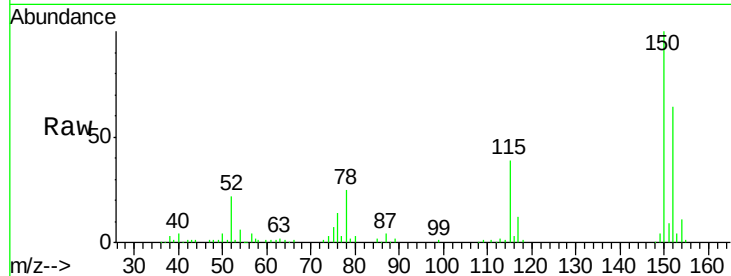


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040397.D
Acq: 9 Apr 2019 13:43

Instrument :
BNA_G
ClientSampleId :
COMP-1

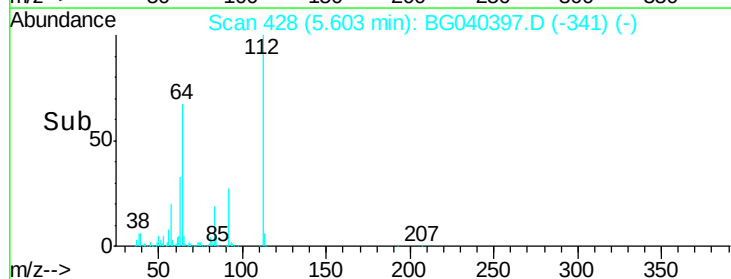
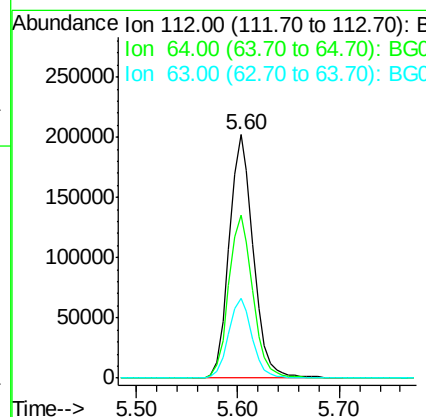
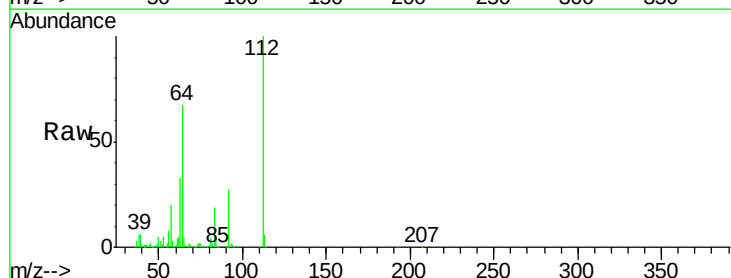
Tgt Ion:152 Resp: 51965
Ion Ratio Lower Upper
152 100
150 156.9 123.7 185.5
115 62.0 46.9 70.3

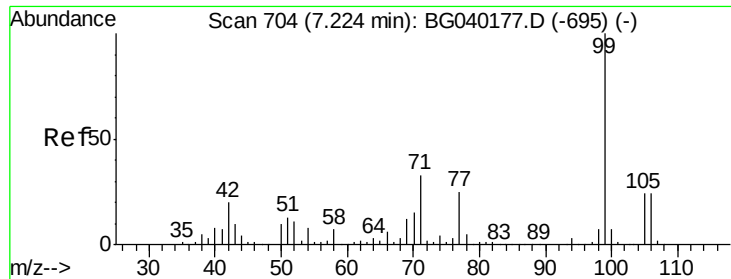


#5

2-Fluorophenol
Concen: 106.238 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.02 min
Lab File: BG040397.D
Acq: 9 Apr 2019 13:43

Tgt Ion:112 Resp: 332087
Ion Ratio Lower Upper
112 100
64 66.7 54.2 81.2
63 32.6 26.4 39.6





#7

Phenol-d6

Concen: 104.685 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040397.D

Acq: 9 Apr 2019 13:43

Instrument :

BNA_G

ClientSampleId :

COMP-1

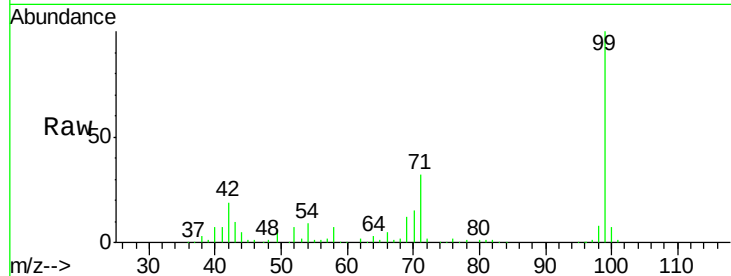
Tgt Ion: 99 Resp: 452243

Ion Ratio Lower Upper

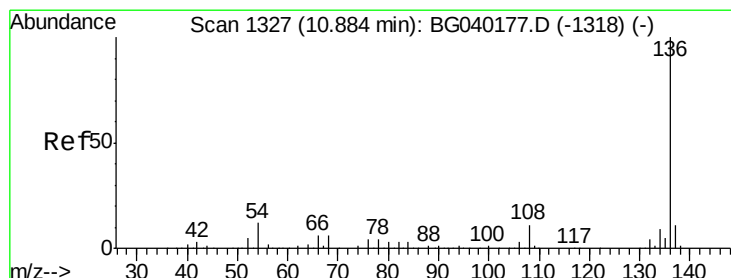
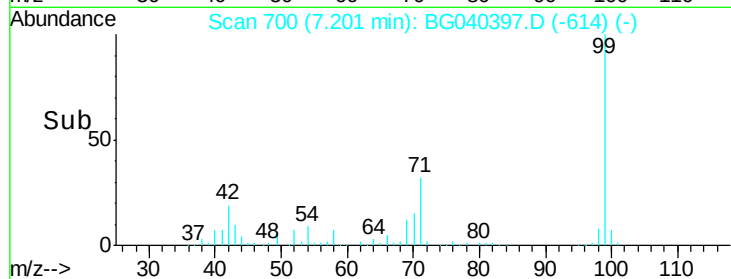
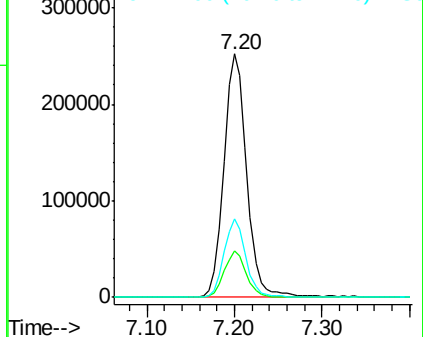
99 100

42 19.0 16.2 24.2

71 32.2 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: BG040397.D

Acq: 9 Apr 2019 13:43

Tgt Ion: 136 Resp: 202720

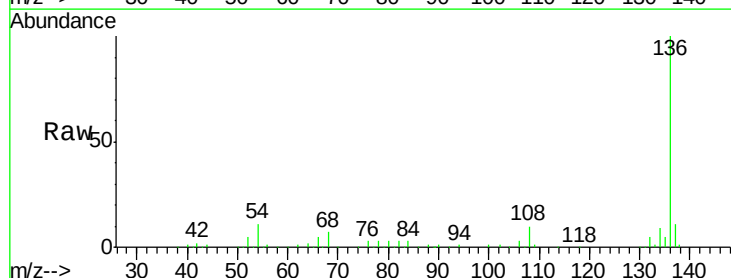
Ion Ratio Lower Upper

136 100

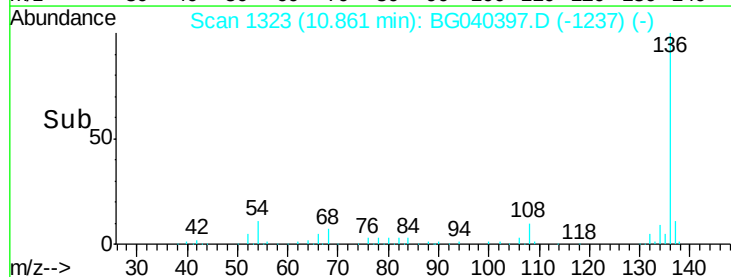
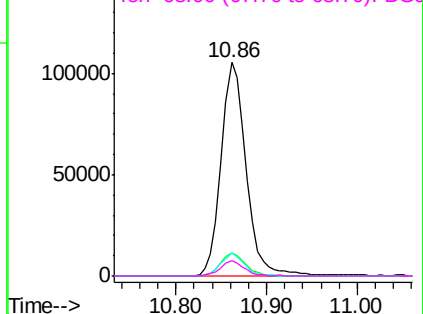
137 10.7 8.9 13.3

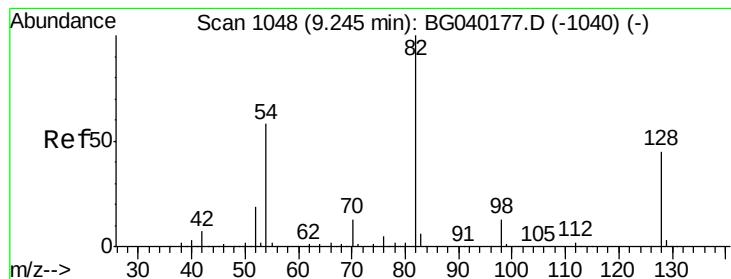
54 10.7 9.6 14.4

68 7.1 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: 67.370 ng

RT: 9.22 min Scan# 1044

Delta R.T. -0.02 min

Lab File: BG040397.D

Acq: 9 Apr 2019 13:43

Instrument :

BNA_G

ClientSampled :

COMP-1

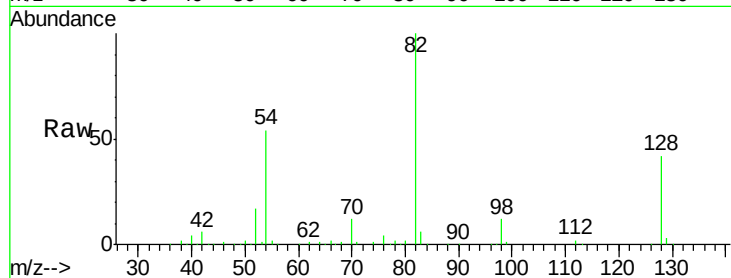
Tgt Ion: 82 Resp: 256940

Ion Ratio Lower Upper

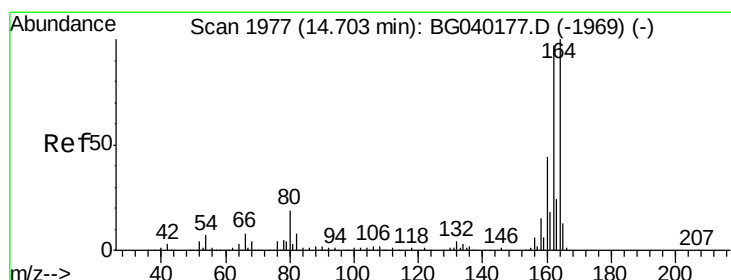
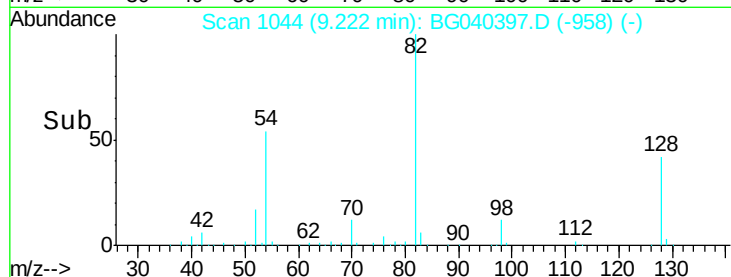
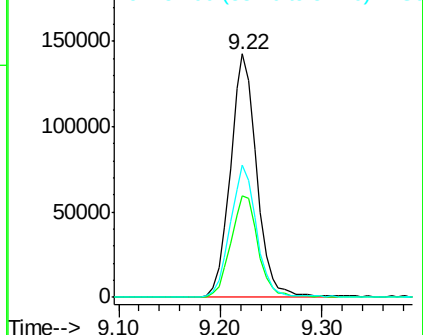
82 100

128 41.9 35.8 53.8

54 54.5 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: 14.68 min Scan# 1973

Delta R.T. -0.02 min

Lab File: BG040397.D

Acq: 9 Apr 2019 13:43

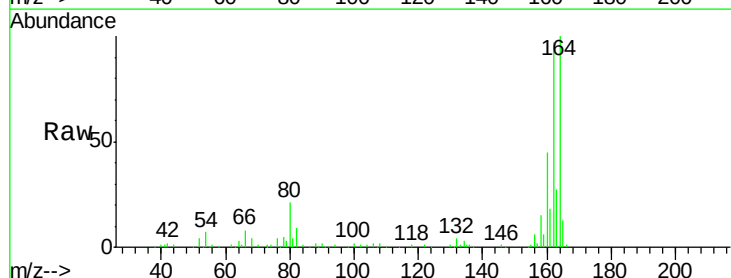
Tgt Ion: 164 Resp: 115709

Ion Ratio Lower Upper

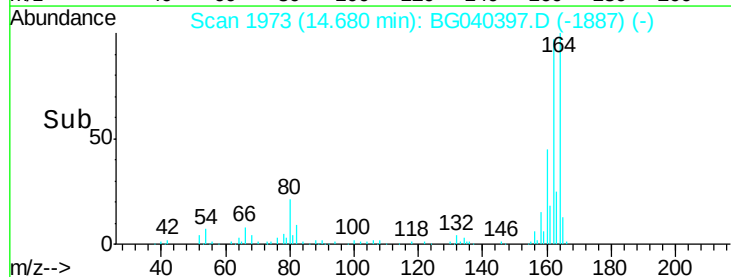
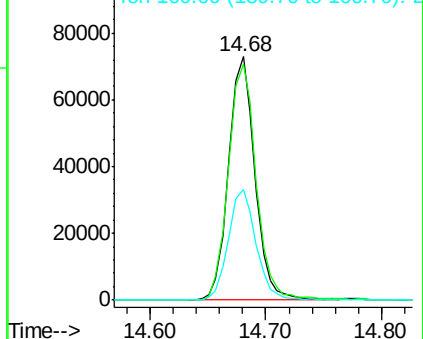
164 100

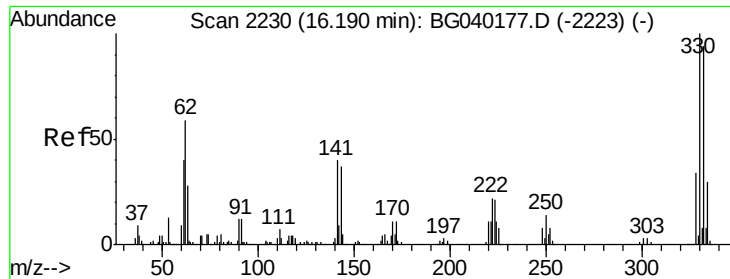
162 96.7 77.4 116.2

160 45.1 35.3 52.9



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

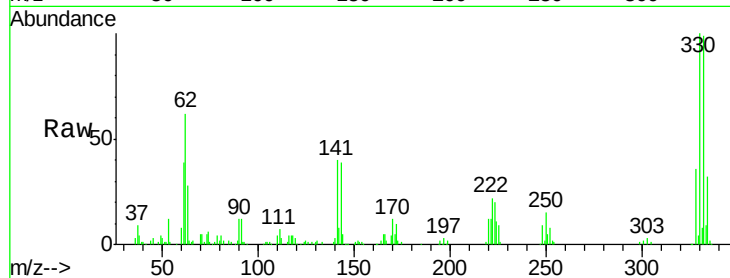




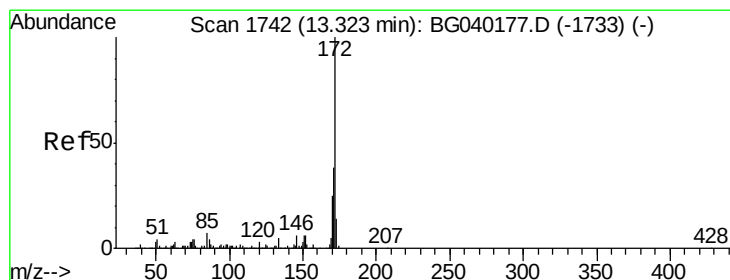
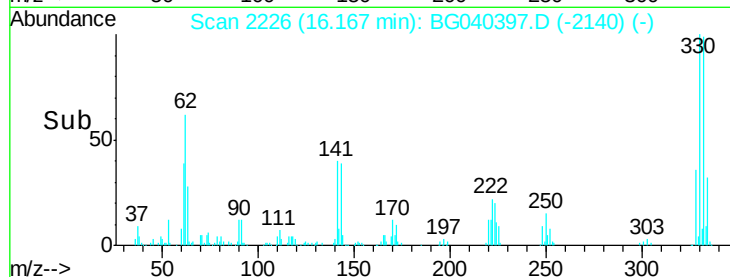
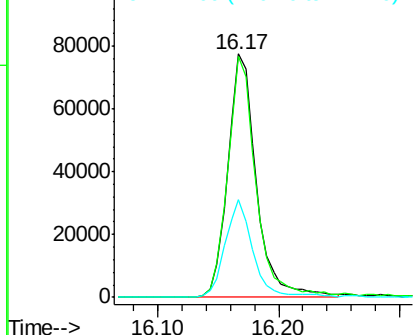
#42
 2,4,6-Tribromophenol
 Concen: 102.014 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.02 min
 Lab File: BG040397.D
 Acq: 9 Apr 2019 13:43

Instrument :
 BNA_G
 ClientSampled :
 COMP-1

Tgt Ion:330 Resp: 127570
 Ion Ratio Lower Upper
 330 100
 332 98.9 76.6 115.0
 141 38.9 32.6 48.8

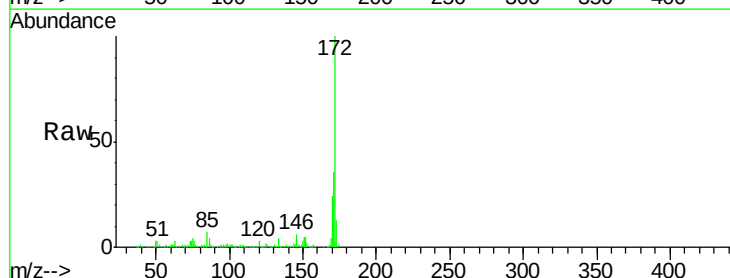


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

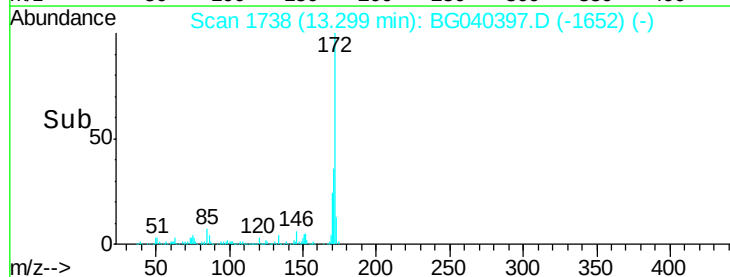
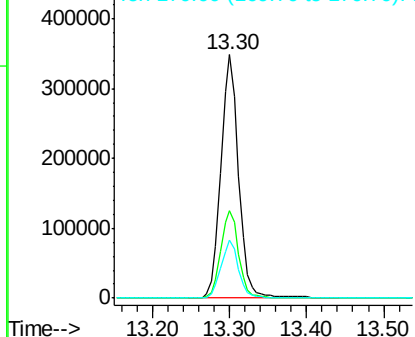


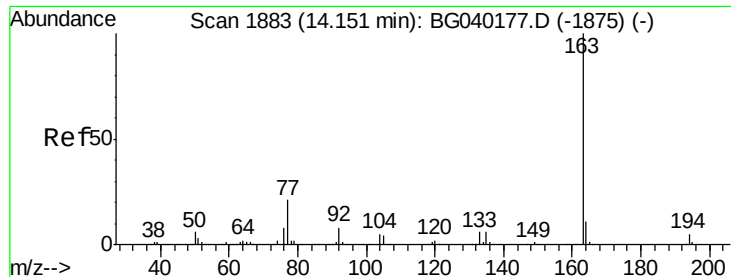
#45
 2-Fluorobiphenyl
 Concen: 71.026 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.02 min
 Lab File: BG040397.D
 Acq: 9 Apr 2019 13:43

Tgt Ion:172 Resp: 554631
 Ion Ratio Lower Upper
 172 100
 171 36.1 30.5 45.7
 170 23.7 20.1 30.1



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

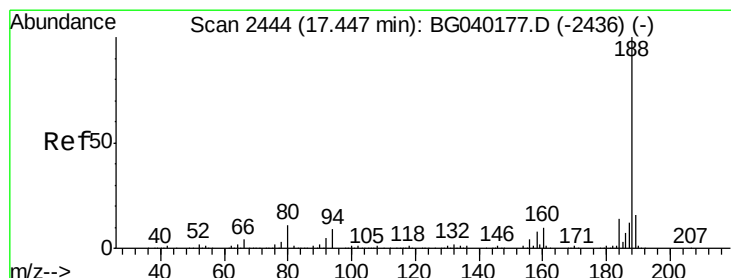
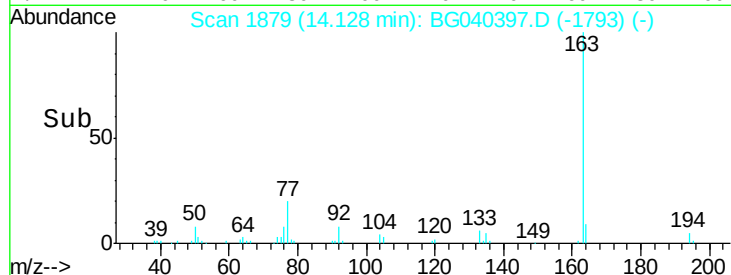
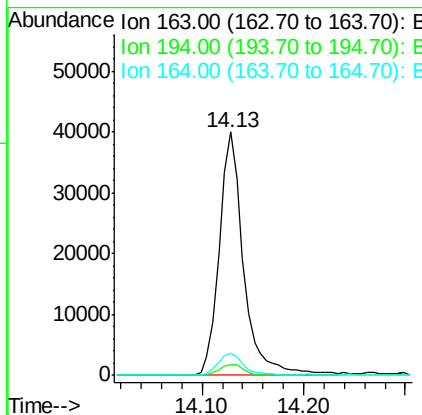
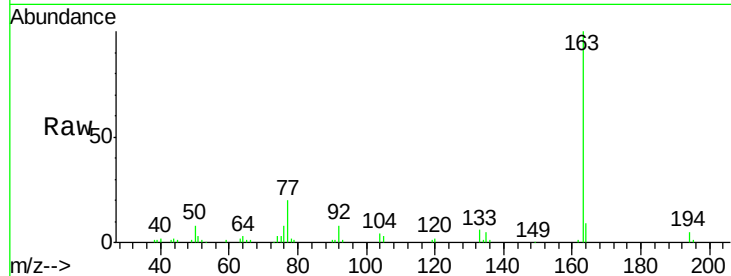




#50
Dimethylphthalate
Concen: 7.380 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.02 min
Lab File: BG040397.D
Acq: 9 Apr 2019 13:43

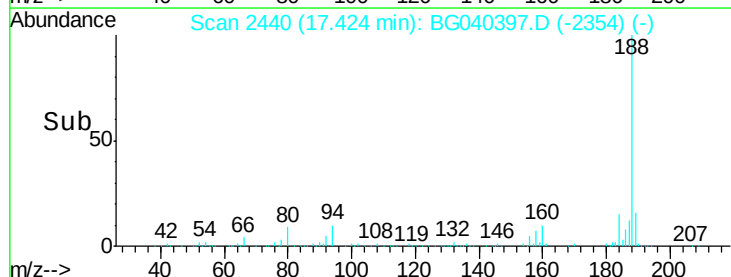
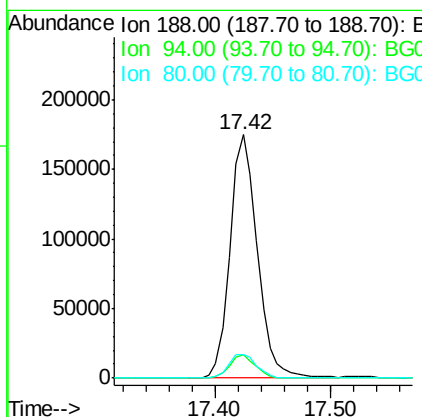
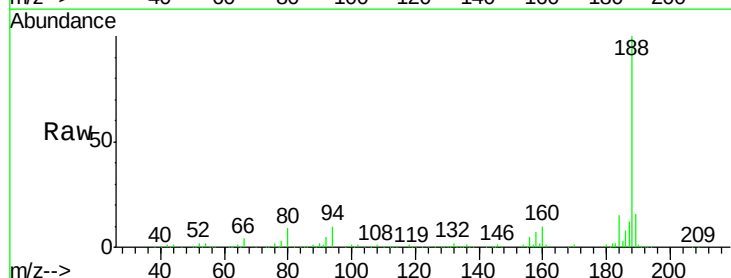
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BNA_G
ClientSampled :
COMP-1

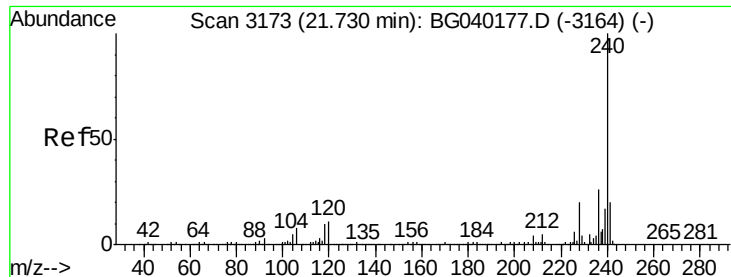
Tgt Ion:163 Resp: 66834
Ion Ratio Lower Upper
163 100
194 4.6 4.1 6.1
164 9.0 8.6 13.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.02 min
Lab File: BG040397.D
Acq: 9 Apr 2019 13:43

Tgt Ion:188 Resp: 285834
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.4
80 9.5 8.6 13.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.03 min

Lab File: BG040397.D

Acq: 9 Apr 2019 13:43

Instrument :

BNA_G

ClientSampleId :

COMP-1

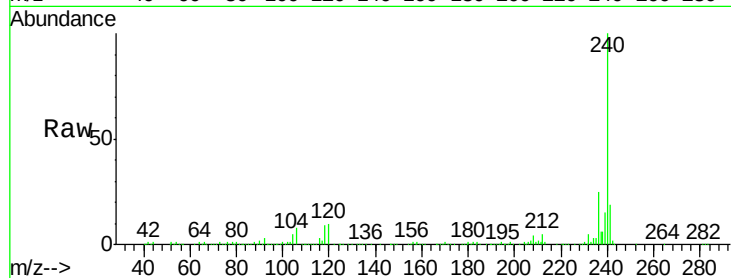
Tgt Ion:240 Resp: 383924

Ion Ratio Lower Upper

240 100

120 10.3 8.4 12.6

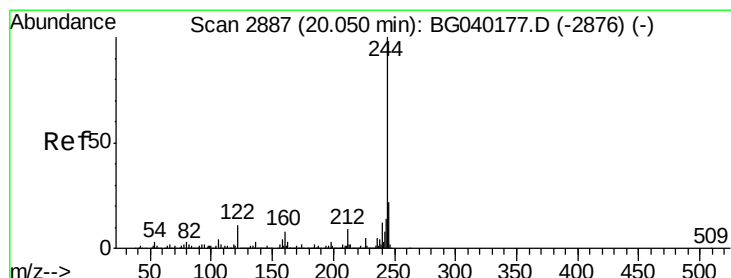
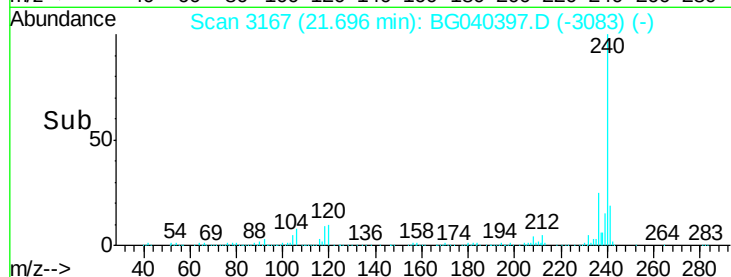
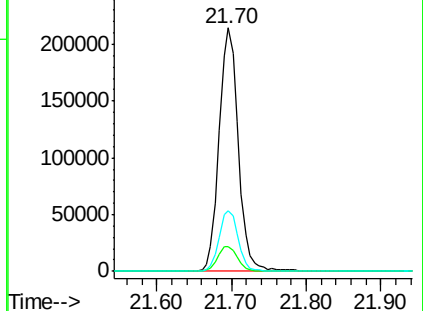
236 24.8 20.8 31.2



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: 56.525 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.02 min

Lab File: BG040397.D

Acq: 9 Apr 2019 13:43

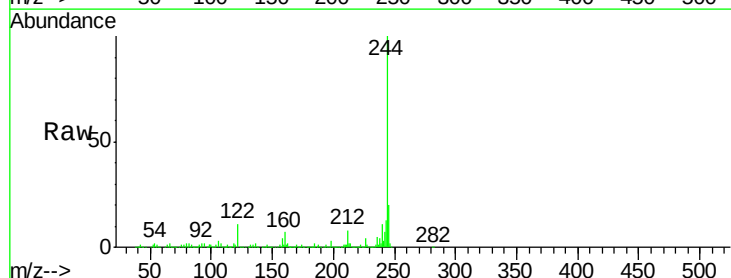
Tgt Ion:244 Resp: 964652

Ion Ratio Lower Upper

244 100

212 8.0 7.0 10.6

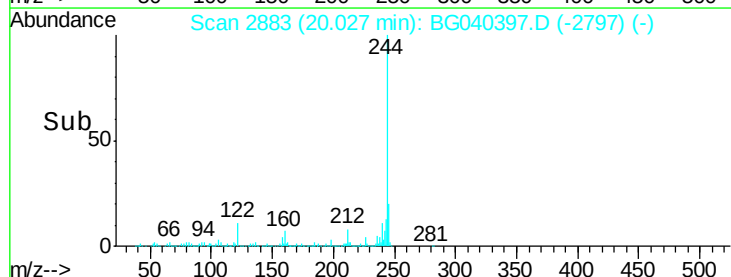
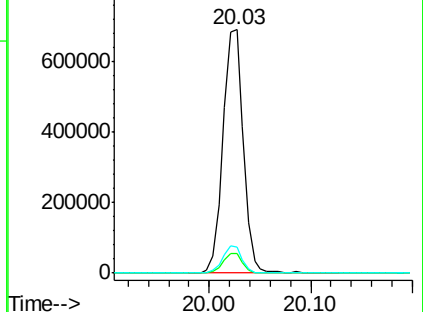
122 10.7 8.5 12.7

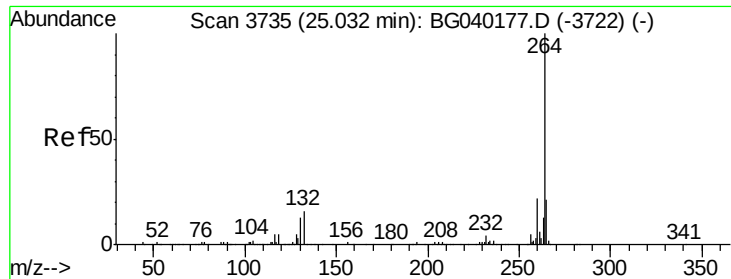


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.98 min Scan# 3726
Delta R.T. -0.05 min
Lab File: BG040397.D
Acq: 9 Apr 2019 13:43

Instrument :
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Tgt Ion: 264 Resp: 416095
Ion Ratio Lower Upper
264 100
260 22.5 17.9 26.9
265 20.7 16.8 25.2

