

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040919\
 Data File : BG040402.D
 Acq On : 9 Apr 2019 17:05
 Operator : JU/SJ
 Sample : K2338-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-DEEP

Quant Time: Apr 10 04:05:33 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

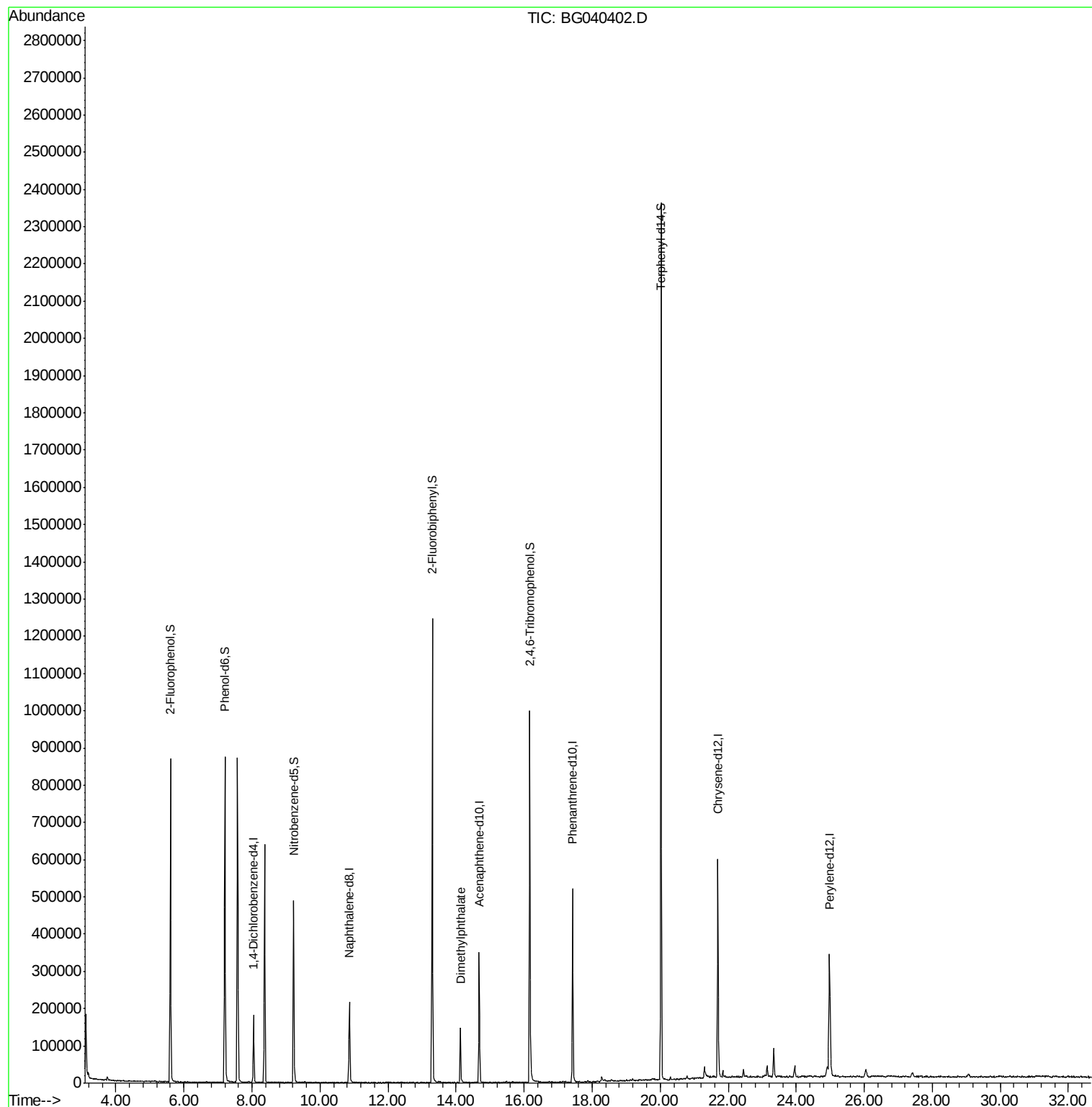
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	51415	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	202666	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	128506	20.00	ng	-0.02
64) Phenanthrene-d10	17.42	188	341685	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	376664	20.00	ng	-0.03
87) Perylene-d12	24.98	264	378673	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	390975	126.41	ng	-0.02
7) Phenol-d6	7.20	99	537934	125.85	ng	-0.02
23) Nitrobenzene-d5	9.22	82	320242	83.99	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	197816	142.44	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	686608	79.17	ng	-0.02
79) Terphenyl-d14	20.03	244	1187648	70.93	ng	-0.02
Target Compounds						
50) Dimethylphthalate	14.13	163	115703	11.504	ng	Qvalue # 99

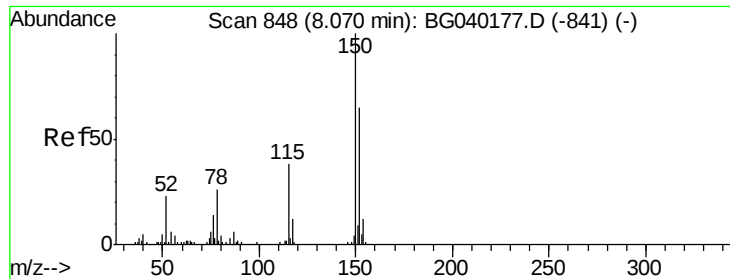
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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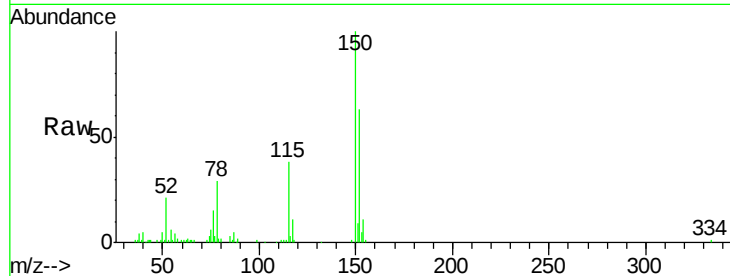


#1

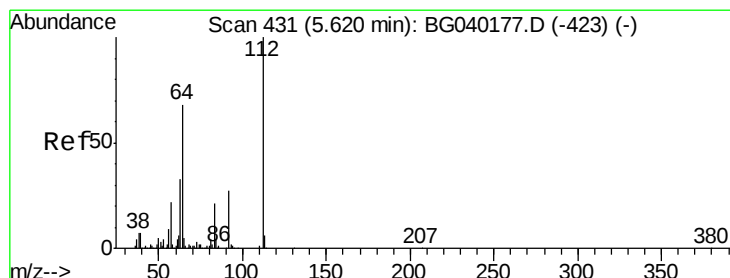
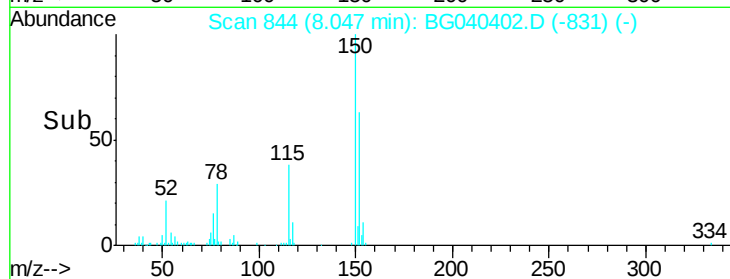
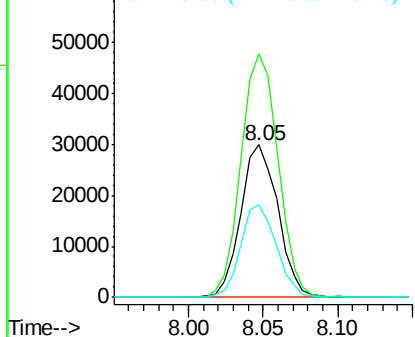
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040402.D
Acq: 9 Apr 2019 17:05

Instrument :
BNA_G
ClientSampleId :
TP-1-DEEP

Tgt Ion:152 Resp: 51415
Ion Ratio Lower Upper
152 100
150 159.5 123.7 185.5
115 61.1 46.9 70.3



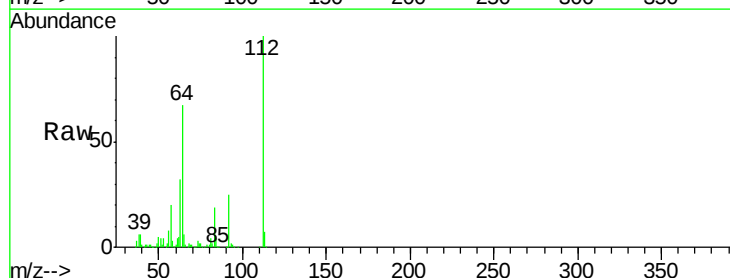
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



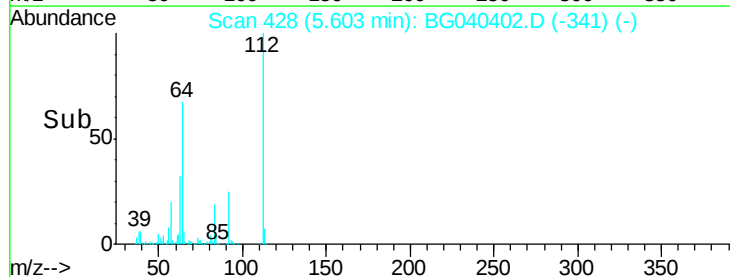
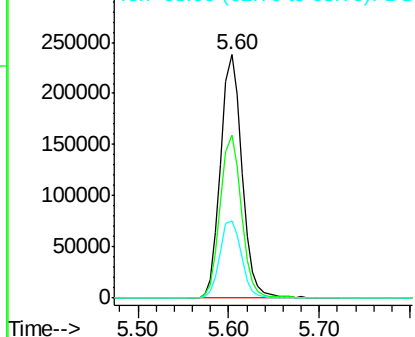
#5

2-Fluorophenol
Concen: 126.415 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.02 min
Lab File: BG040402.D
Acq: 9 Apr 2019 17:05

Tgt Ion:112 Resp: 390975
Ion Ratio Lower Upper
112 100
64 67.0 54.2 81.2
63 31.8 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 125.853 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040402.D

Acq: 9 Apr 2019 17:05

Instrument :

BNA_G

ClientSampleId :

TP-1-DEEP

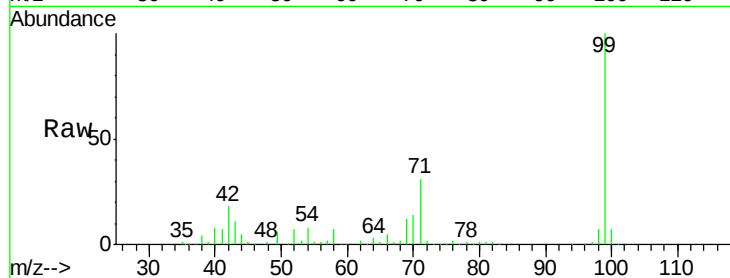
Tgt Ion: 99 Resp: 537934

Ion Ratio Lower Upper

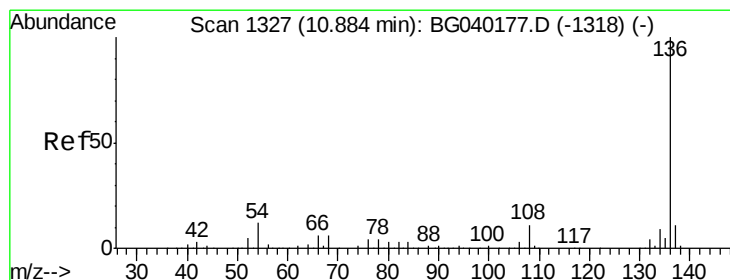
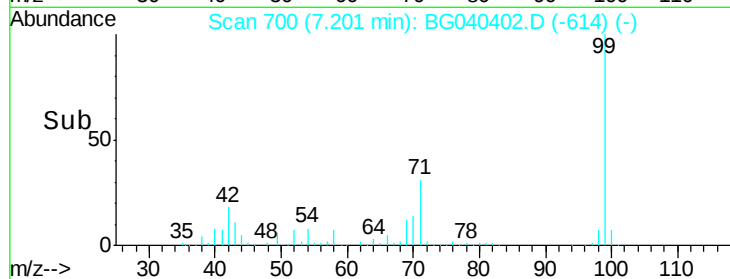
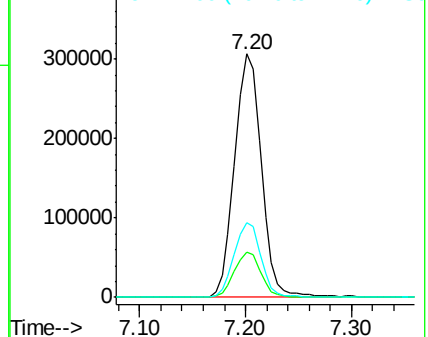
99 100

42 18.4 16.2 24.2

71 30.8 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: BG040402.D

Acq: 9 Apr 2019 17:05

Tgt Ion: 136 Resp: 202666

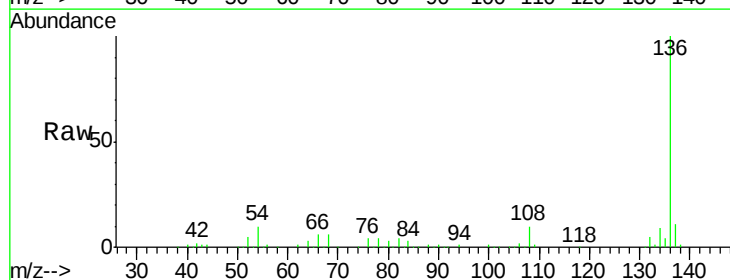
Ion Ratio Lower Upper

136 100

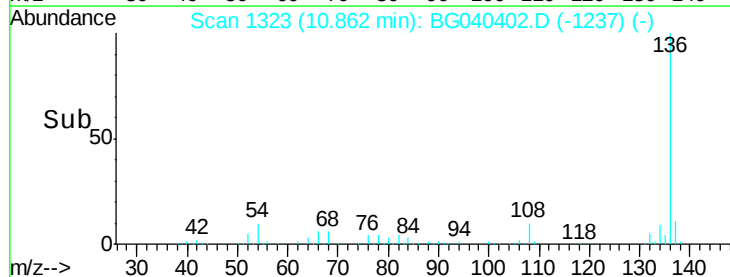
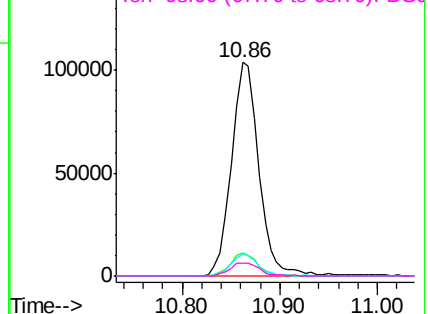
137 10.7 8.9 13.3

54 10.1 9.6 14.4

68 6.0 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

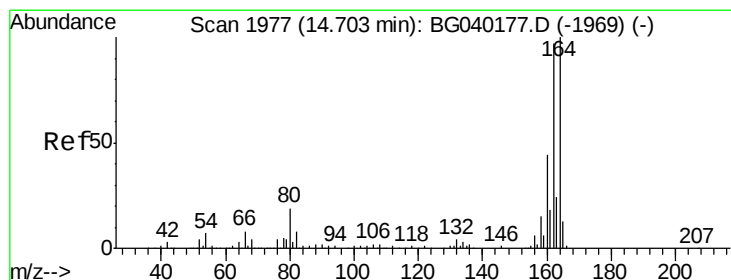
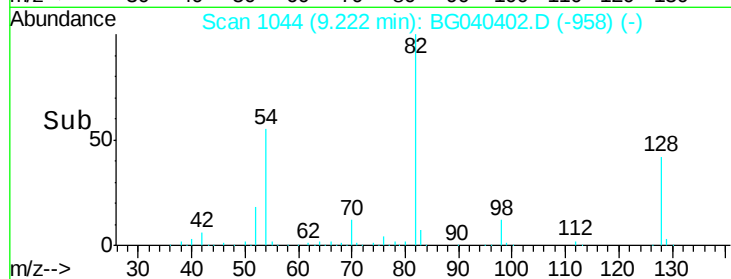
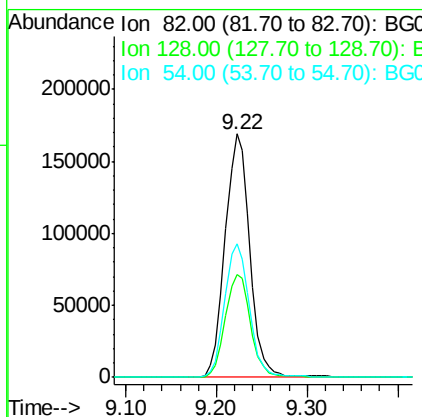
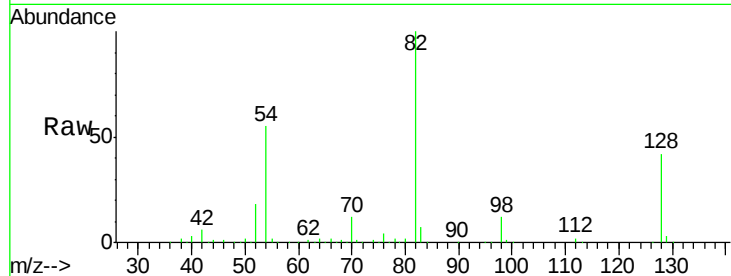




#23
 Nitrobenzene-d5
 Concen: 83.990 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BG040402.D
 Acq: 9 Apr 2019 17:05

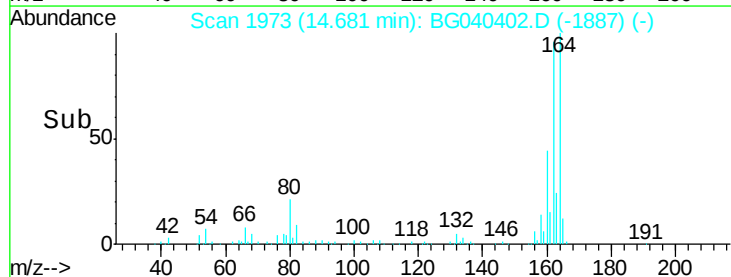
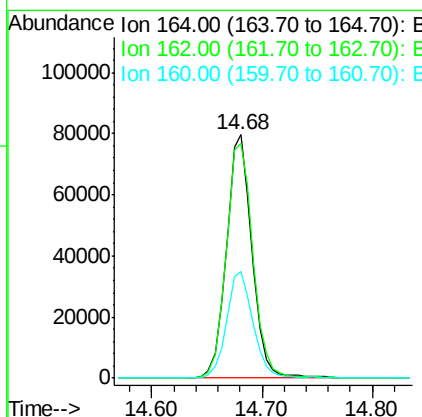
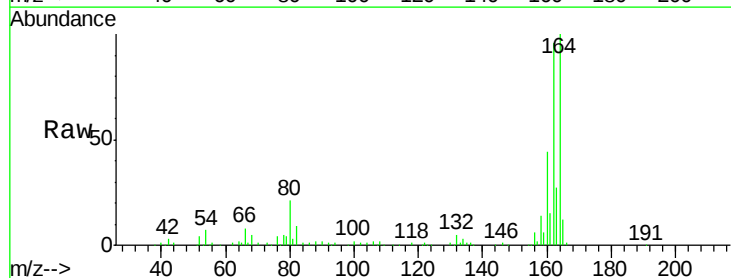
Instrument :
 BNA_G
 ClientSampleId :
 TP-1-DEEP

Tgt Ion: 82 Resp: 320242
 Ion Ratio Lower Upper
 82 100
 128 42.1 35.8 53.8
 54 54.8 46.2 69.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.02 min
 Lab File: BG040402.D
 Acq: 9 Apr 2019 17:05

Tgt Ion: 164 Resp: 128506
 Ion Ratio Lower Upper
 164 100
 162 96.2 77.4 116.2
 160 43.8 35.3 52.9

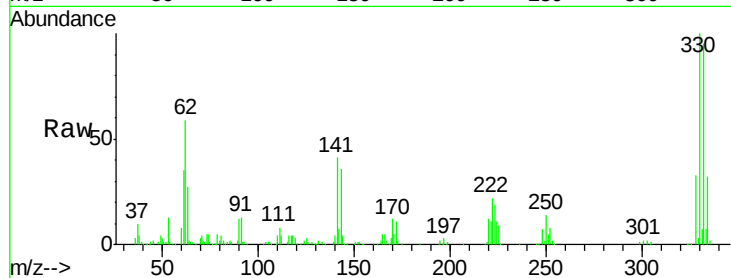




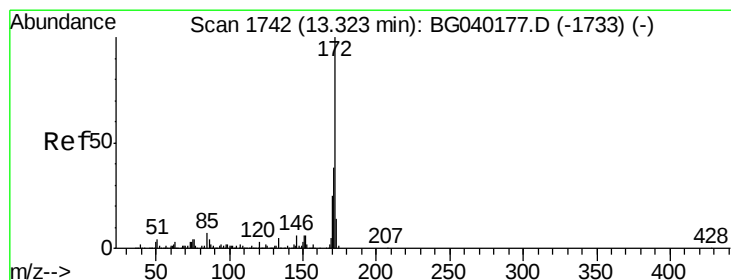
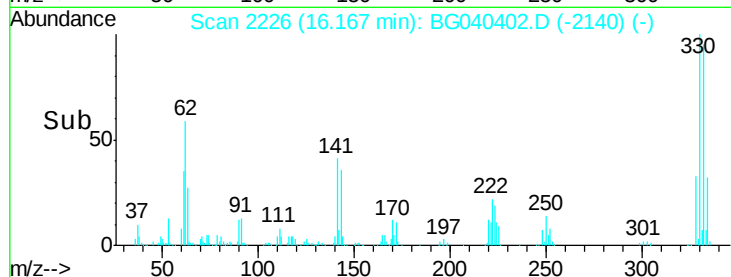
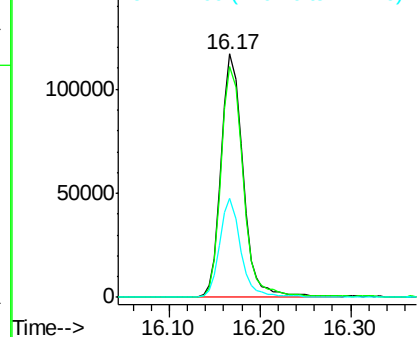
#42
 2,4,6-Tribromophenol
 Concen: 142.435 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.02 min
 Lab File: BG040402.D
 Acq: 9 Apr 2019 17:05

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-DEEP

Tgt Ion:330 Resp: 197816
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 115.0
 141 39.0 32.6 48.8

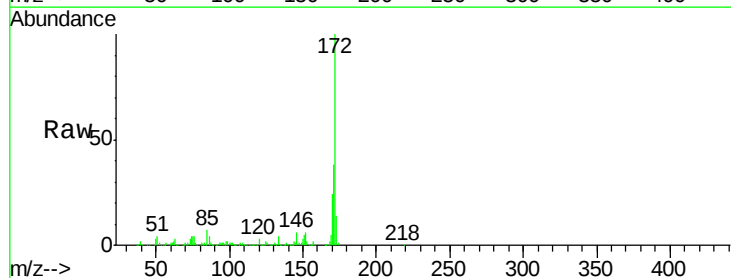


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

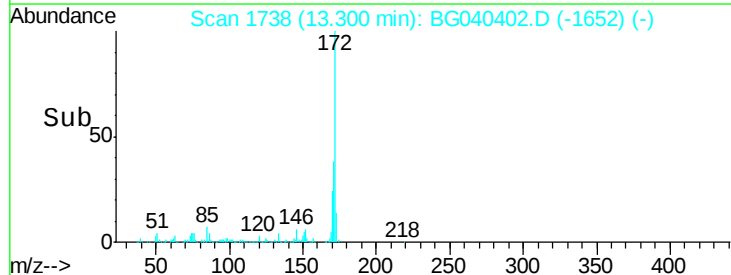
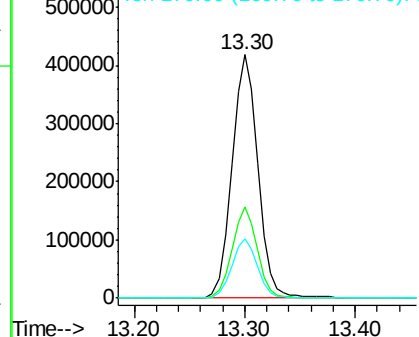


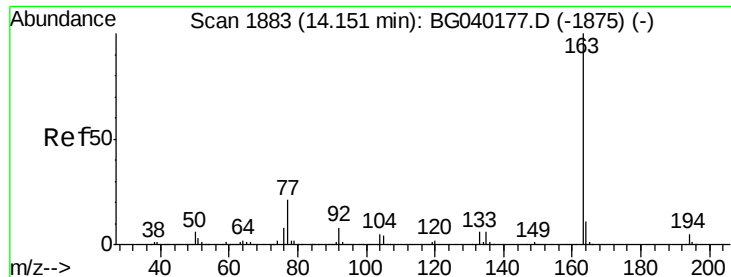
#45
 2-Fluorobiphenyl
 Concen: 79.171 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.02 min
 Lab File: BG040402.D
 Acq: 9 Apr 2019 17:05

Tgt Ion:172 Resp: 686608
 Ion Ratio Lower Upper
 172 100
 171 37.7 30.5 45.7
 170 24.5 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: 11.504 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BG040402.D

Acq: 9 Apr 2019 17:05

Instrument :

BNA_G

ClientSampleId :

TP-1-DEEP

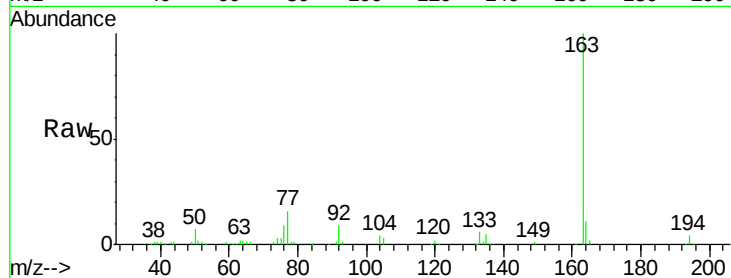
Tgt Ion:163 Resp: 115703

Ion Ratio Lower Upper

163 100

194 3.7 4.1 6.1#

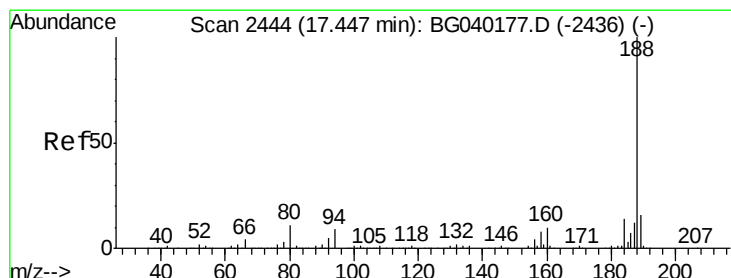
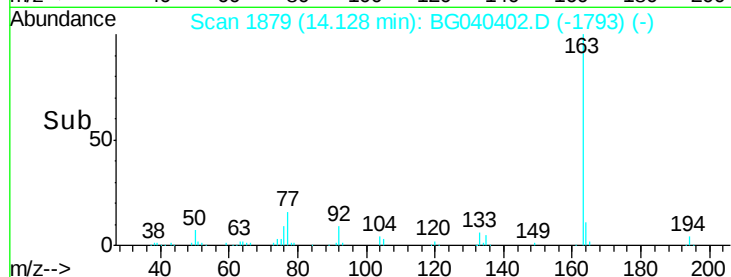
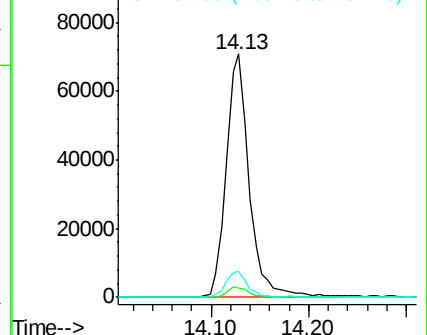
164 10.8 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2440

Delta R.T. -0.02 min

Lab File: BG040402.D

Acq: 9 Apr 2019 17:05

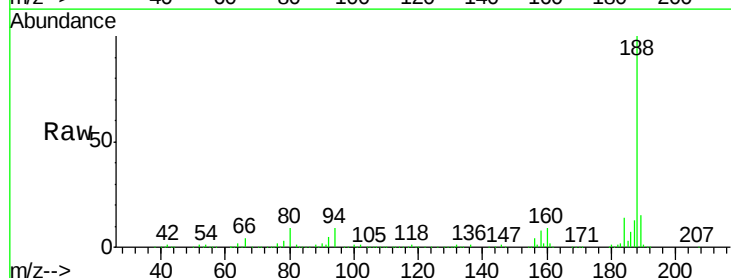
Tgt Ion:188 Resp: 341685

Ion Ratio Lower Upper

188 100

94 8.6 7.0 10.4

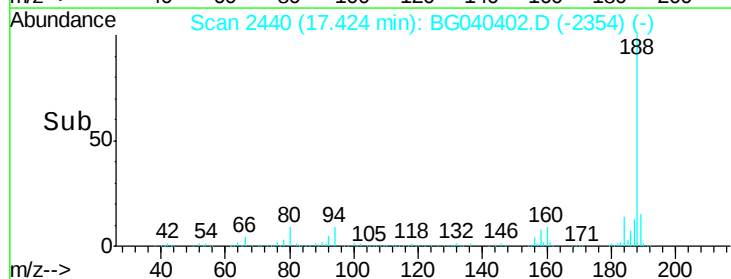
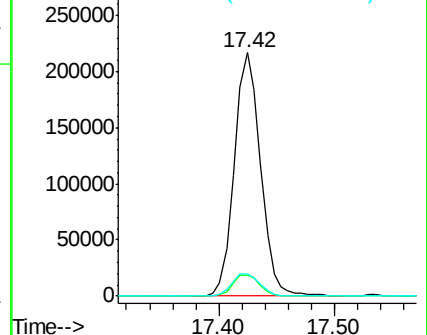
80 9.2 8.6 13.0

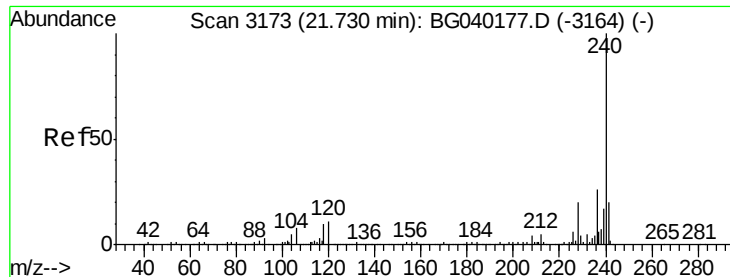


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.70 min Scan# 3167

Delta R.T. -0.03 min

Lab File: BG040402.D

Acq: 9 Apr 2019 17:05

Instrument :

BNA_G

ClientSampleId :

TP-1-DEEP

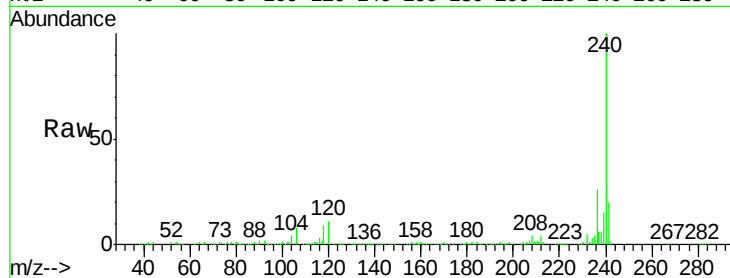
Tgt Ion:240 Resp: 376664

Ion Ratio Lower Upper

240 100

120 10.9 8.4 12.6

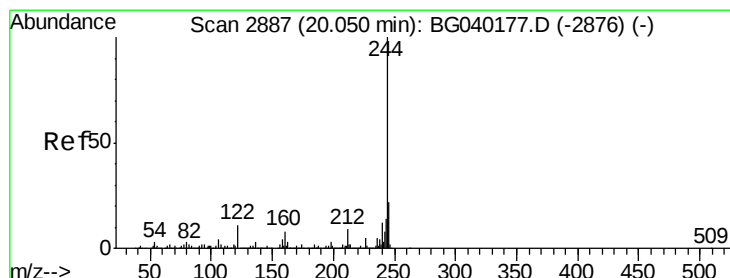
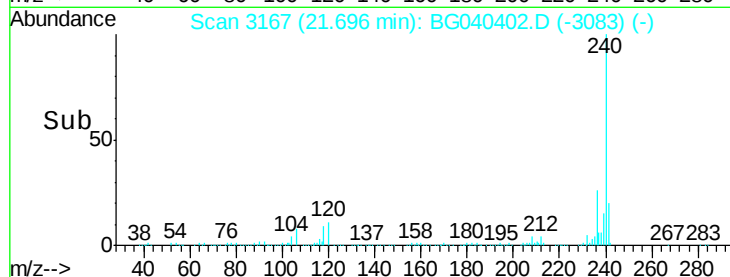
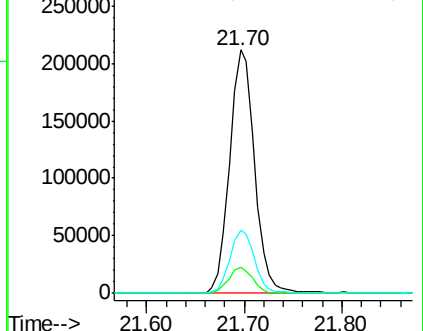
236 26.0 20.8 31.2



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: 70.933 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.02 min

Lab File: BG040402.D

Acq: 9 Apr 2019 17:05

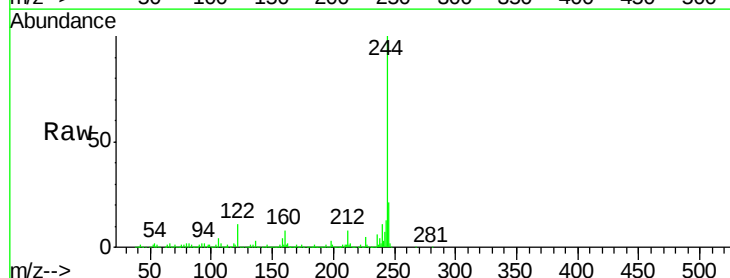
Tgt Ion:244 Resp: 1187648

Ion Ratio Lower Upper

244 100

212 8.1 7.0 10.6

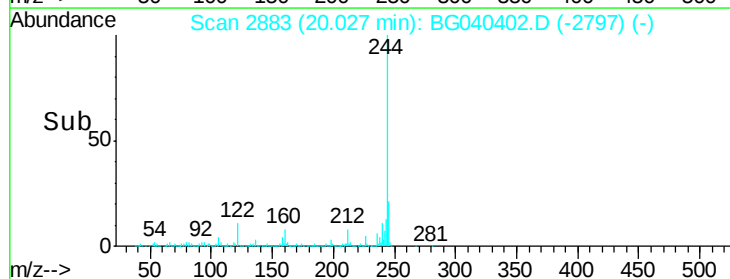
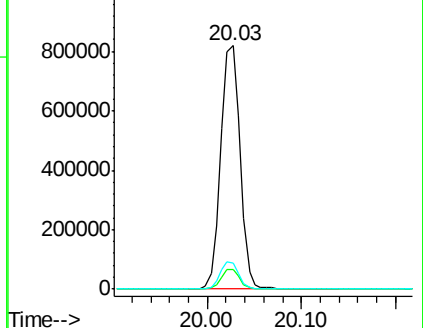
122 10.9 8.5 12.7

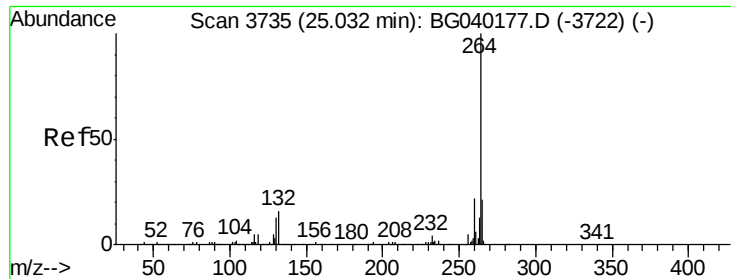


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG040402.D
Acq: 9 Apr 2019 17:05

Instrument :
BNA_G
ClientSampleId :
TP-1-DEEP

Tgt Ion: 264 Resp: 378673

Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.9	26.9
265	19.9	16.8	25.2

