

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032019\
 Data File : BG040052.D
 Acq On : 21 Mar 2019 1:46
 Operator : JU/SJ
 Sample : K1941-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T-1

Quant Time: Mar 21 11:45:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	42271	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	186039	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	128838	20.00	ng	-0.03
64) Phenanthrene-d10	17.51	188	283500	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	273420	20.00	ng	-0.03
87) Perylene-d12	25.15	264	280304	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	146898	59.29	ng	-0.02
7) Phenol-d6	7.29	99	130791	35.40	ng	-0.03
23) Nitrobenzene-d5	9.32	82	347140	100.92	ng	-0.03
42) 2,4,6-Tribromophenol	16.26	330	221885	147.76	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	861031	95.16	ng	-0.03
79) Terphenyl-d14	20.11	244	1116705	89.93	ng	-0.02

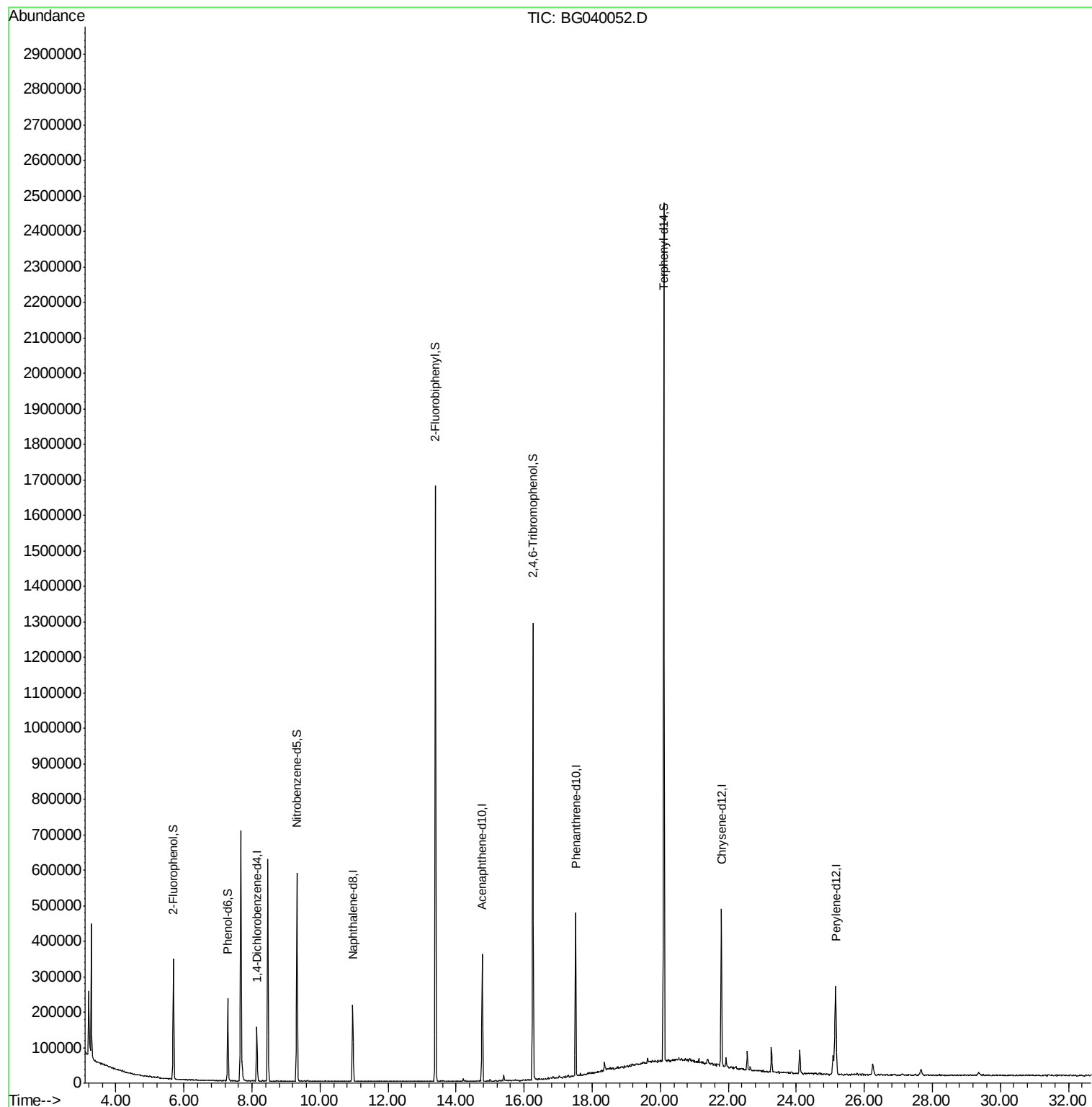
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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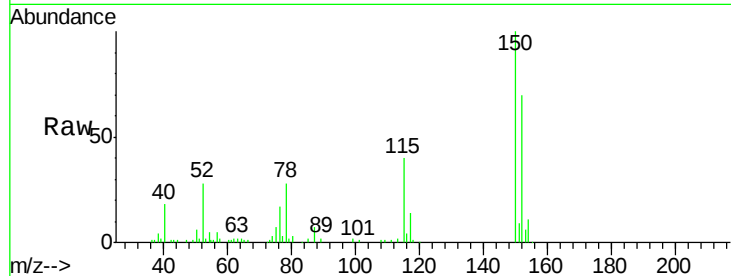


#1

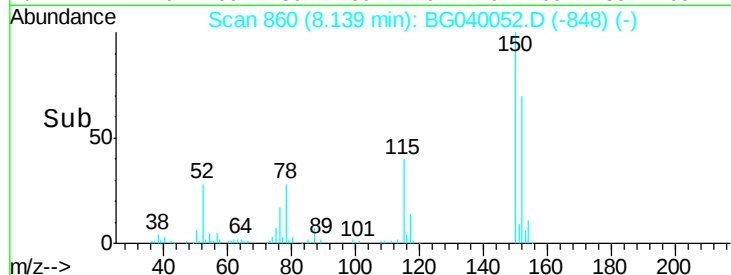
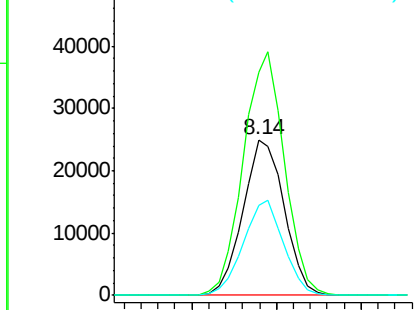
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.03 min
Lab File: BG040052.D
Acq: 21 Mar 2019 1:46

Instrument :
BNA_G
ClientSampleId :
T-1

Tgt Ion:152 Resp: 42271
Ion Ratio Lower Upper
152 100
150 143.7 123.7 185.5
115 57.8 45.9 68.9



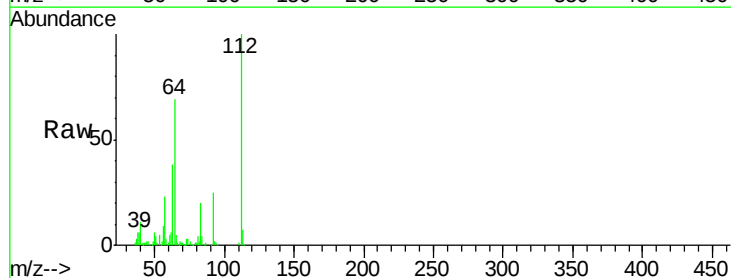
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



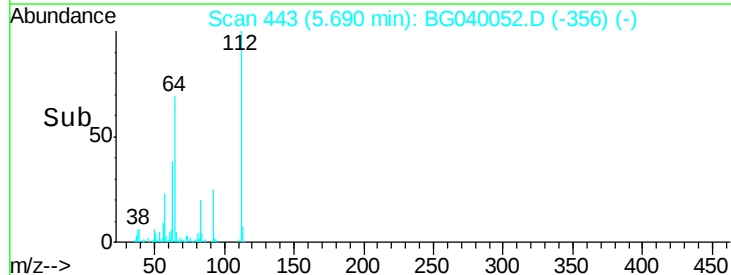
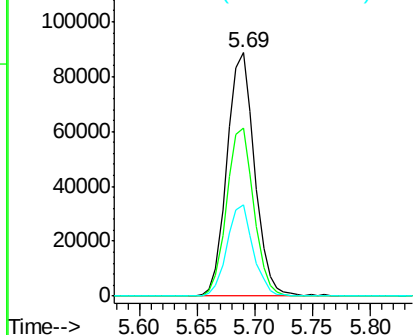
#5

2-Fluorophenol
Concen: 59.286 ng
RT: 5.69 min Scan# 443
Delta R.T. -0.02 min
Lab File: BG040052.D
Acq: 21 Mar 2019 1:46

Tgt Ion:112 Resp: 146898
Ion Ratio Lower Upper
112 100
64 68.8 57.8 86.8
63 37.7 29.8 44.6



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: 35.402 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.03 min

Lab File: BG040052.D

Acq: 21 Mar 2019 1:46

Instrument :

BNA_G

ClientSampleId :

T-1

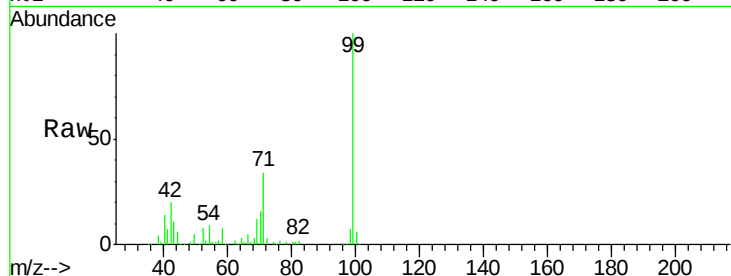
Tgt Ion: 99 Resp: 130791

Ion Ratio Lower Upper

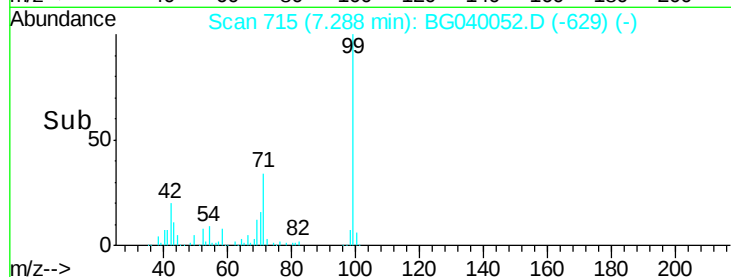
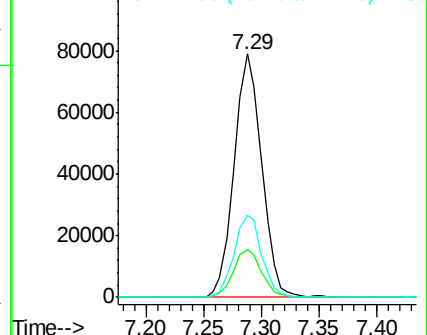
99 100

42 19.6 18.2 27.2

71 33.6 28.0 42.0



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: 10.96 min Scan# 1341

Delta R.T. -0.03 min

Lab File: BG040052.D

Acq: 21 Mar 2019 1:46

Tgt Ion: 136 Resp: 186039

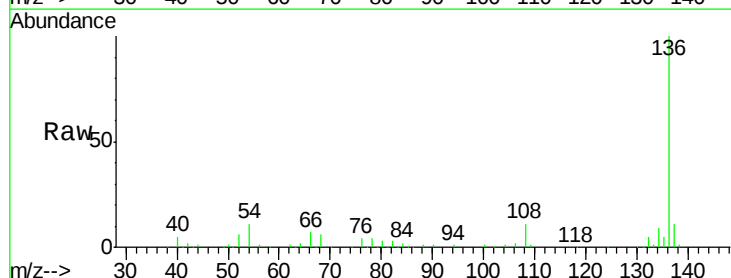
Ion Ratio Lower Upper

136 100

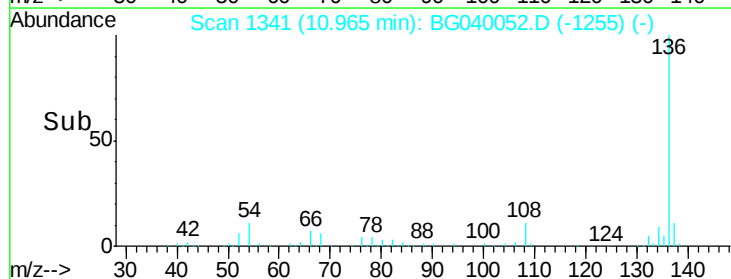
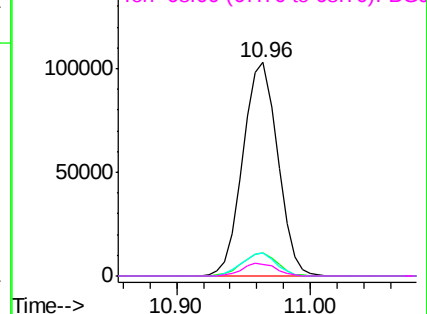
137 10.9 9.1 13.7

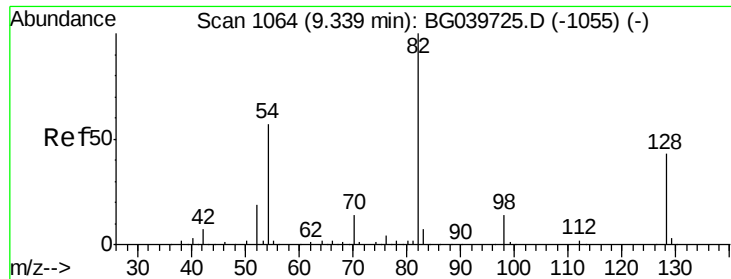
54 10.6 9.4 14.2

68 5.6 4.2 6.4



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

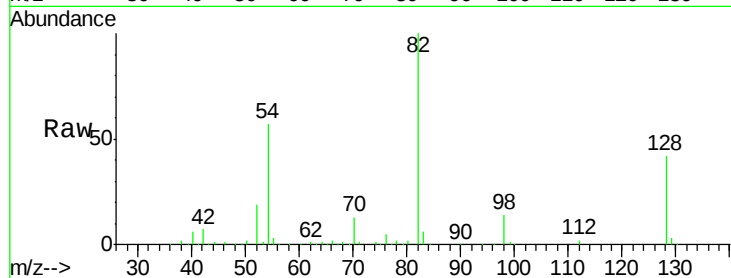




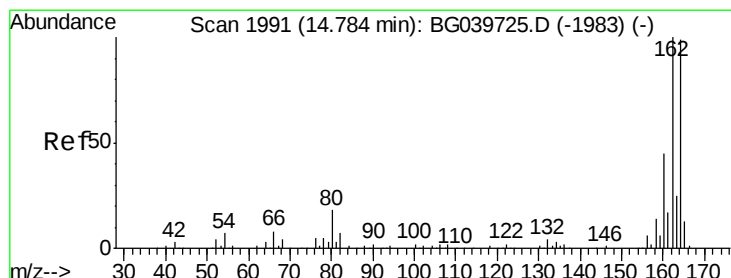
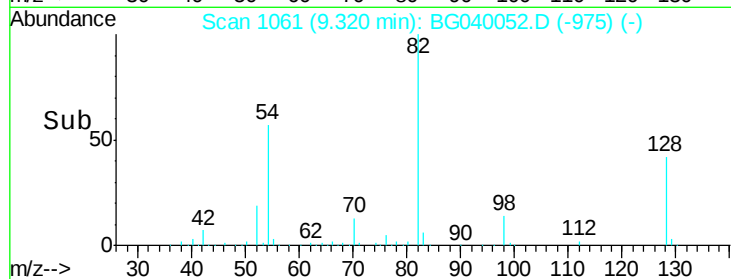
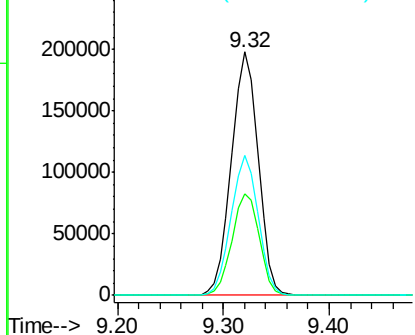
#23
Nitrobenzene-d5
Concen: 100.918 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.03 min
Lab File: BG040052.D
Acq: 21 Mar 2019 1:46

Instrument :
BNA_G
ClientSampleId :
T-1

Tgt Ion: 82 Resp: 347140
Ion Ratio Lower Upper
82 100
128 41.9 31.3 46.9
54 57.5 50.9 76.3

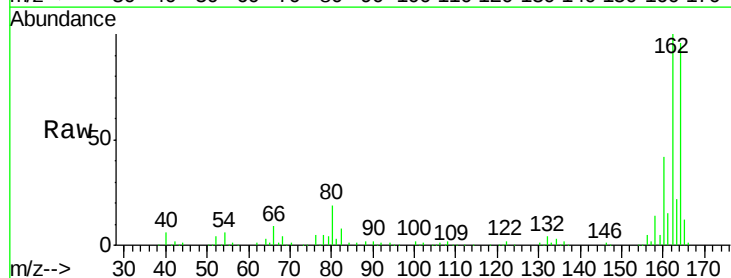


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

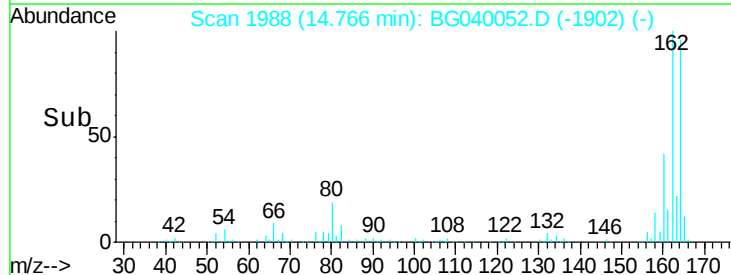
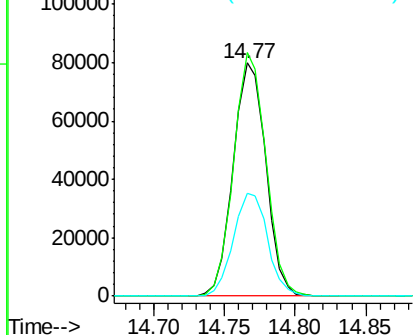


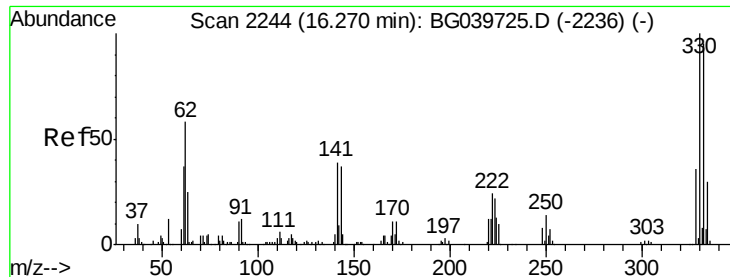
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.03 min
Lab File: BG040052.D
Acq: 21 Mar 2019 1:46

Tgt Ion: 164 Resp: 128838
Ion Ratio Lower Upper
164 100
162 104.4 81.6 122.4
160 44.1 34.2 51.2



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: 147.756 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BG040052.D

Acq: 21 Mar 2019 1:46

Instrument :

BNA_G

ClientSampleId :

T-1

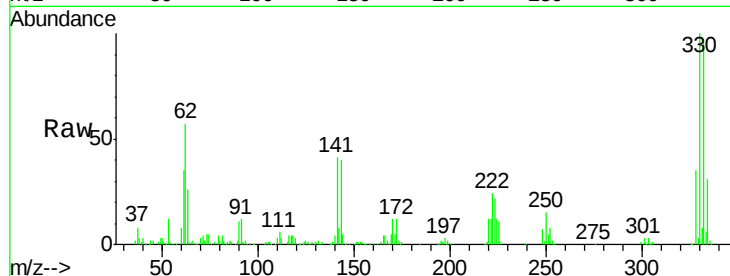
Tgt Ion:330 Resp: 221885

Ion Ratio Lower Upper

330 100

332 95.8 75.7 113.5

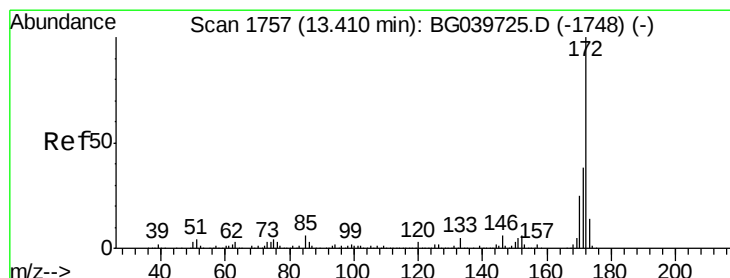
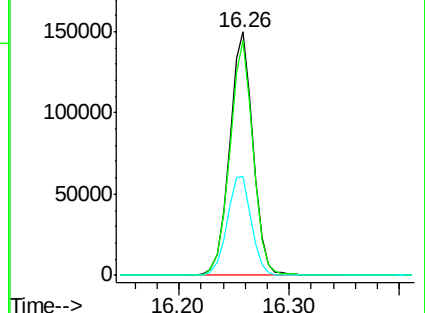
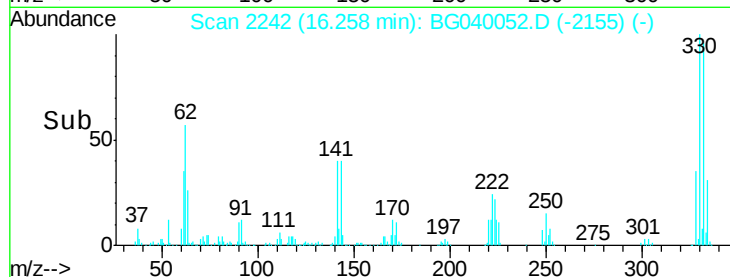
141 42.3 35.6 53.4



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: 95.155 ng

RT: 13.39 min Scan# 1754

Delta R.T. -0.03 min

Lab File: BG040052.D

Acq: 21 Mar 2019 1:46

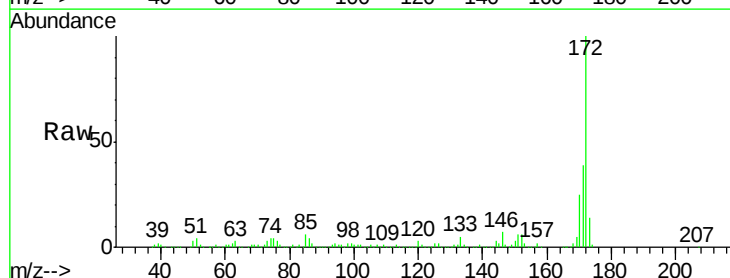
Tgt Ion:172 Resp: 861031

Ion Ratio Lower Upper

172 100

171 38.7 30.8 46.2

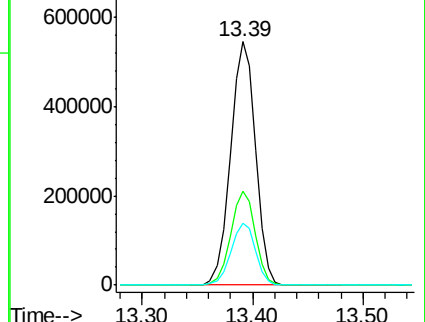
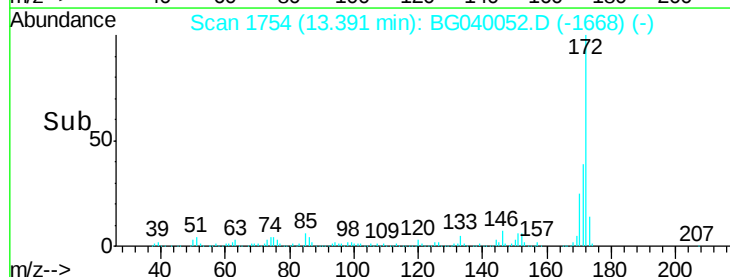
170 25.3 20.2 30.4



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.51 min Scan# 2456

Delta R.T. -0.02 min

Lab File: BG040052.D

Acq: 21 Mar 2019 1:46

Instrument :

BNA_G

ClientSampleId :

T-1

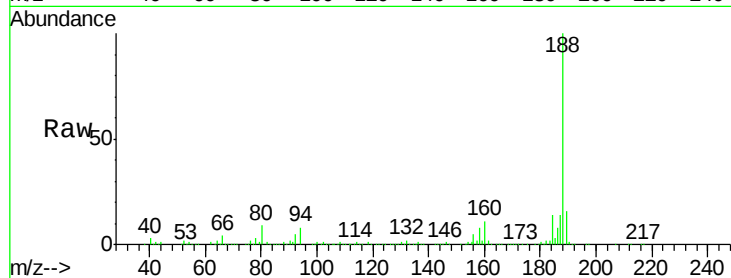
Tgt Ion:188 Resp: 283500

Ion Ratio Lower Upper

188 100

94 7.7 6.9 10.3

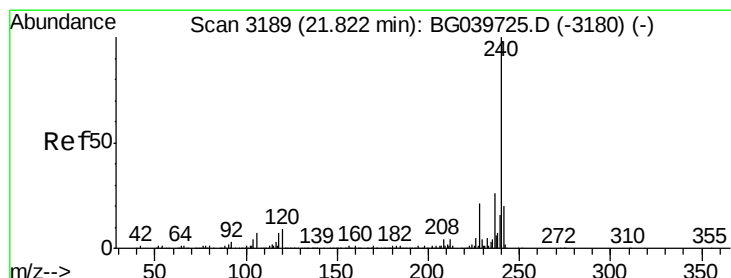
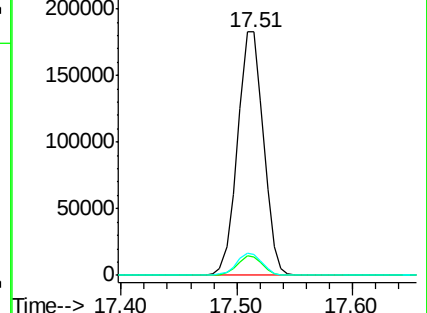
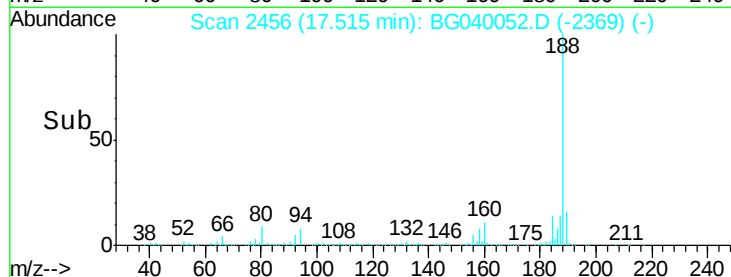
80 8.6 8.1 12.1



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: 21.80 min Scan# 3185

Delta R.T. -0.03 min

Lab File: BG040052.D

Acq: 21 Mar 2019 1:46

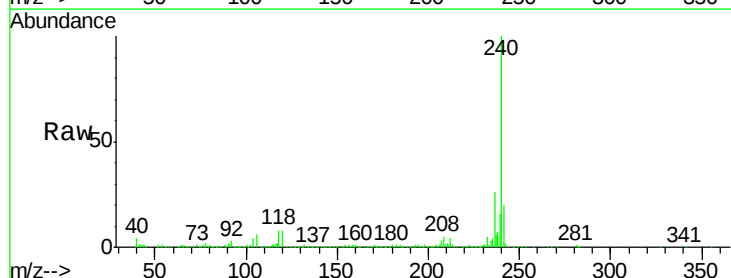
Tgt Ion:240 Resp: 273420

Ion Ratio Lower Upper

240 100

120 7.6 7.0 10.6

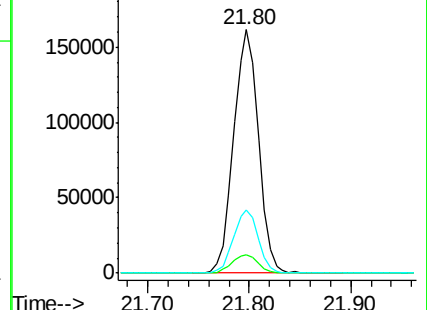
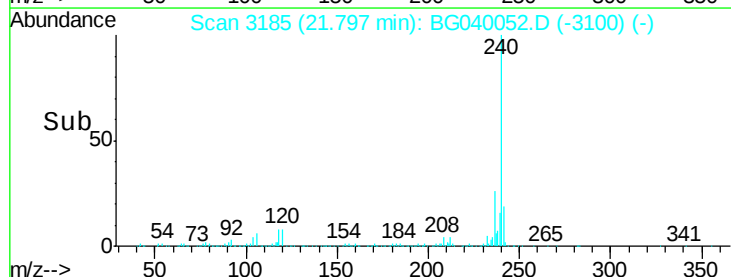
236 25.7 21.0 31.4

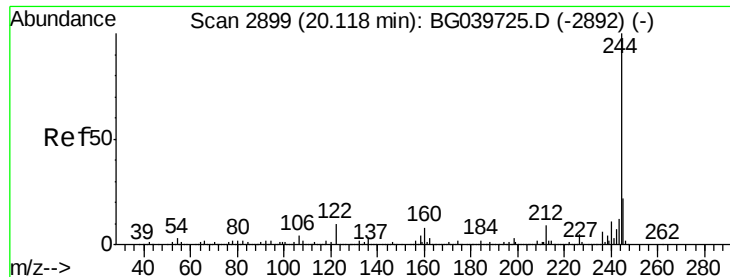


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 89.926 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040052.D

Acq: 21 Mar 2019 1:46

Instrument :

BNA_G

ClientSampled :

T-1

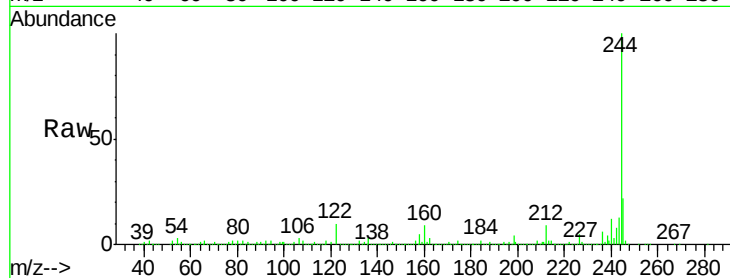
Tgt Ion:244 Resp: 1116705

Ion Ratio Lower Upper

244 100

212 9.2 7.3 10.9

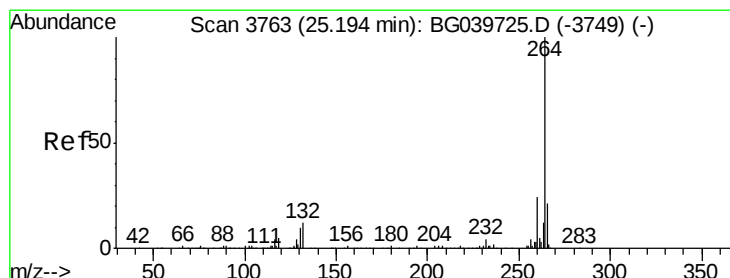
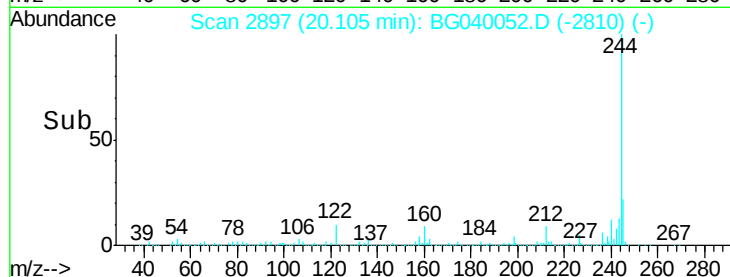
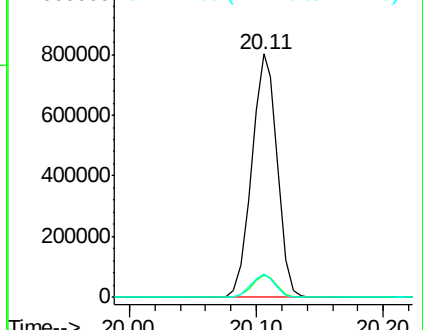
122 9.6 8.4 12.6



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: 25.15 min Scan# 3756

Delta R.T. -0.05 min

Lab File: BG040052.D

Acq: 21 Mar 2019 1:46

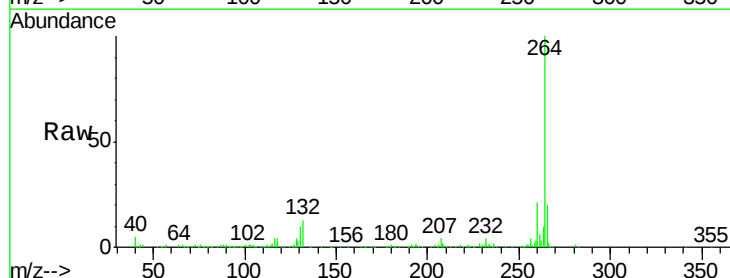
Tgt Ion:264 Resp: 280304

Ion Ratio Lower Upper

264 100

260 21.0 18.2 27.4

265 19.7 18.5 27.7



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

