

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030419\
 Data File : BG039752.D
 Acq On : 5 Mar 2019 5:34
 Operator : JU/SJ
 Sample : PB117574BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117574BL

Quant Time: Mar 05 07:09:23 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	8.16	152	43532	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	190147	20.00	ng	0.00
39) Acenaphthene-d10	14.78	164	131376	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	343168	20.00	ng	0.00
76) Chrysene-d12	21.82	240	363441	20.00	ng	-0.01
87) Perylene-d12	25.19	264	368941	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	362983	142.25	ng	0.00
7) Phenol-d6	7.31	99	518201	136.20	ng	0.00
23) Nitrobenzene-d5	9.34	82	293840	83.58	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	209861	137.05	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	758717	82.23	ng	0.00
79) Terphenyl-d14	20.12	244	1359558	82.37	ng	0.00

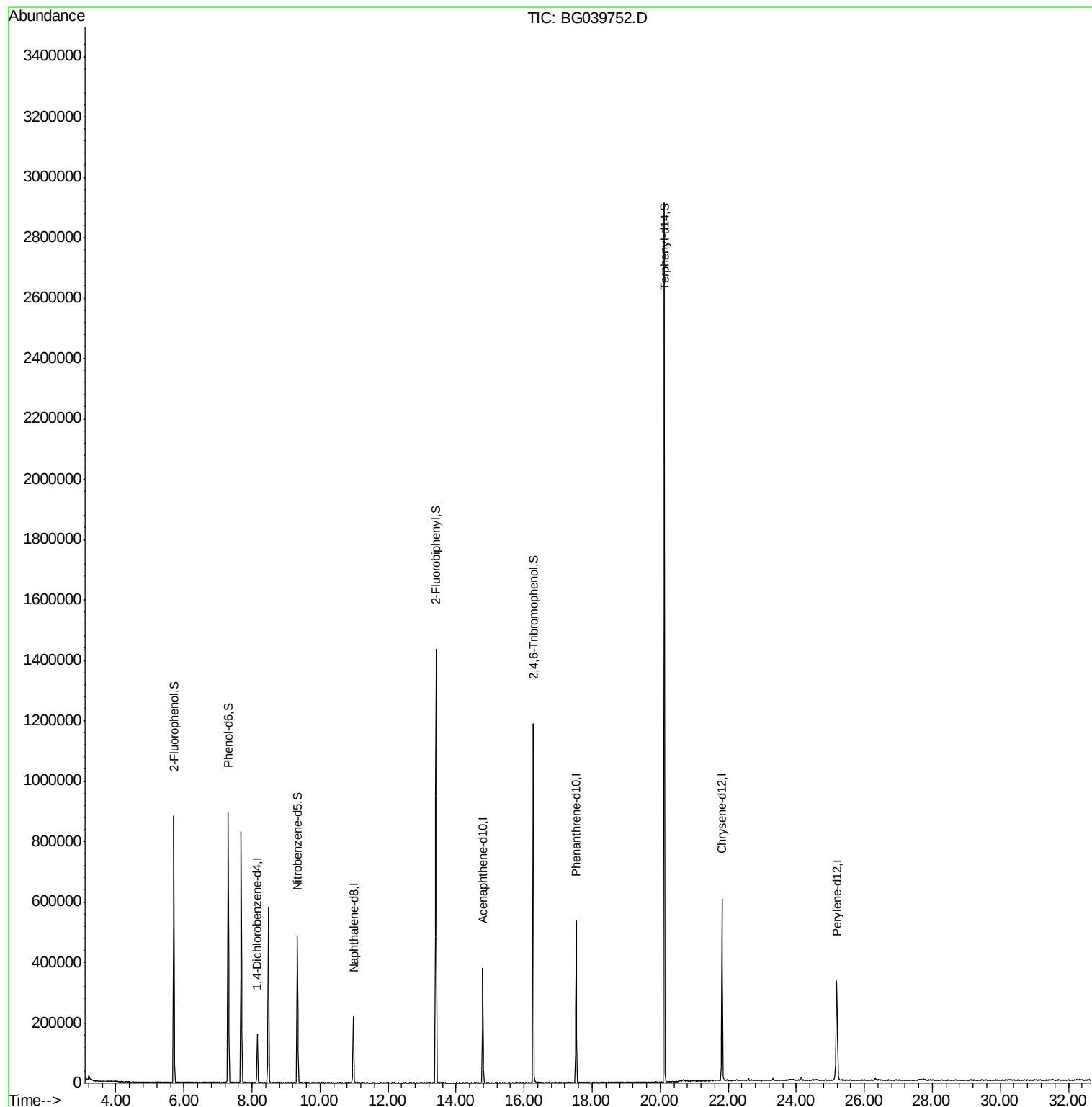
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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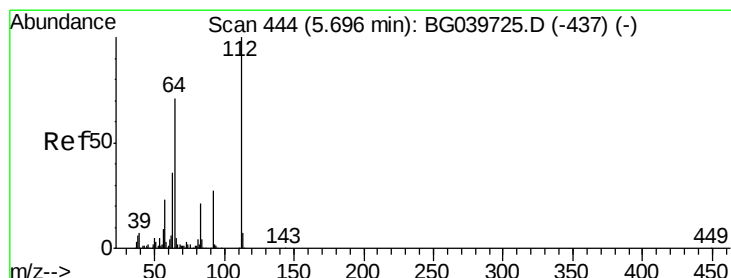
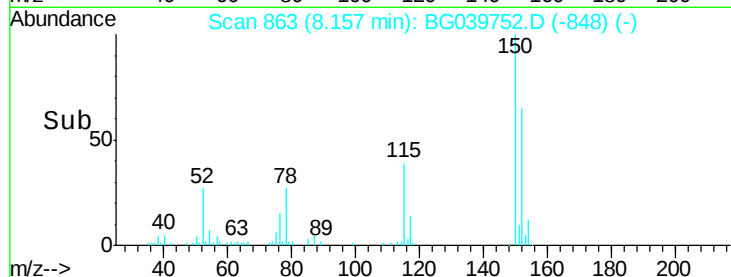
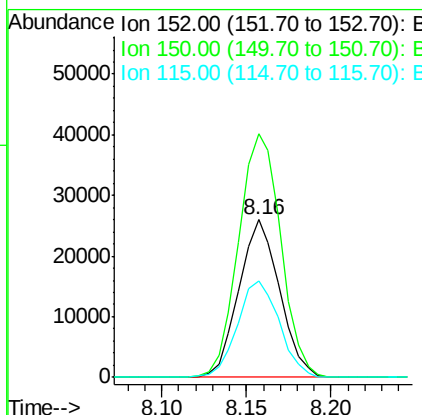
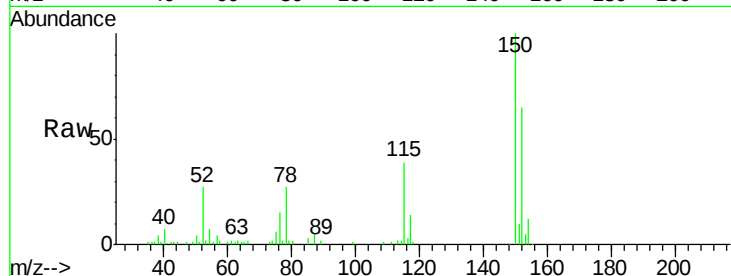


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039752.D
Acq: 5 Mar 2019 5:34

Instrument :
BNA_G
ClientSampleId :
PB117574BL

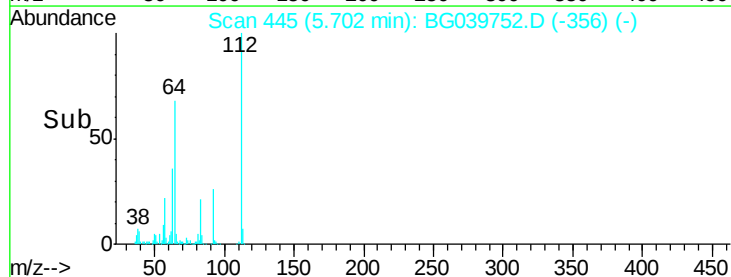
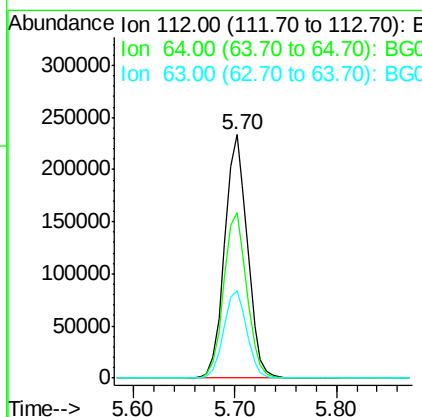
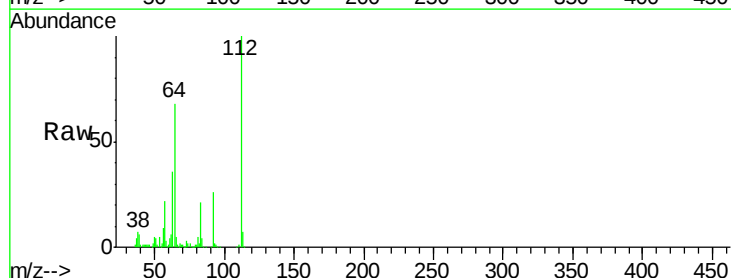
Tgt Ion:152 Resp: 43532
Ion Ratio Lower Upper
152 100
150 154.7 123.7 185.5
115 61.1 45.9 68.9

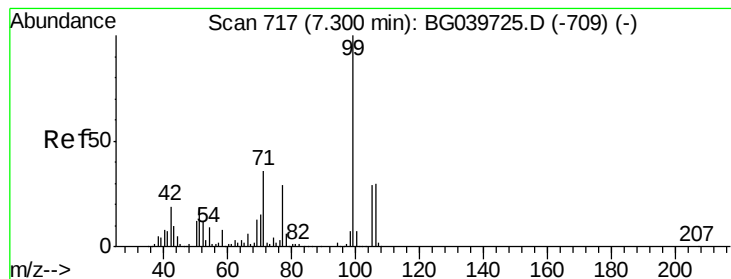


#5

2-Fluorophenol
Concen: 142.252 ng
RT: 5.70 min Scan# 445
Delta R.T. -0.01 min
Lab File: BG039752.D
Acq: 5 Mar 2019 5:34

Tgt Ion:112 Resp: 362983
Ion Ratio Lower Upper
112 100
64 68.1 57.8 86.8
63 35.8 29.8 44.6





#7

Phenol-d6

Concen: 136.200 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BG039752.D

Acq: 5 Mar 2019 5:34

Instrument :

BNA_G

ClientSampleId :

PB117574BL

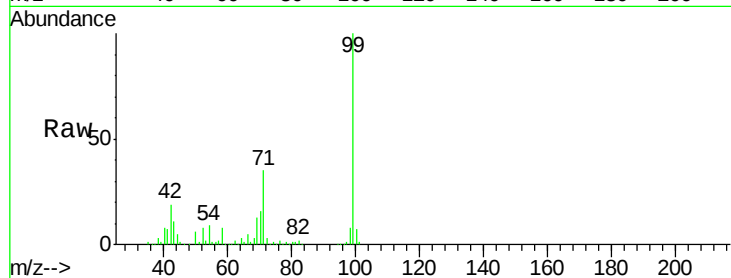
Tgt Ion: 99 Resp: 518201

Ion Ratio Lower Upper

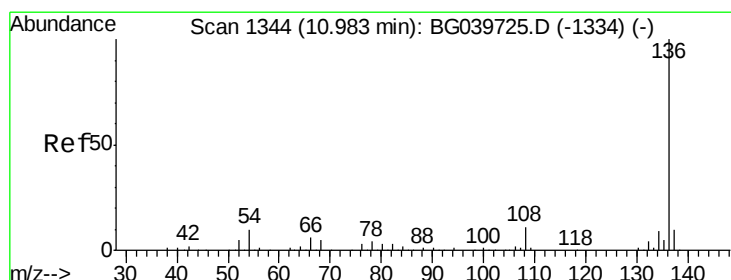
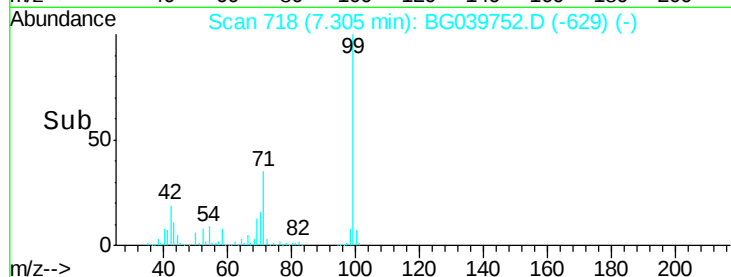
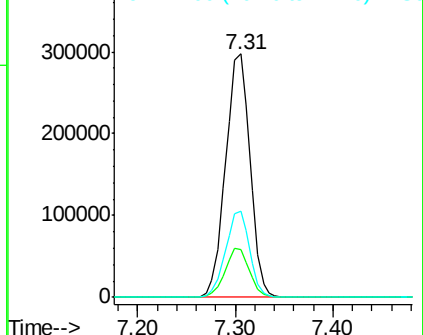
99 100

42 19.4 18.2 27.2

71 35.2 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: 10.98 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BG039752.D

Acq: 5 Mar 2019 5:34

Tgt Ion: 136 Resp: 190147

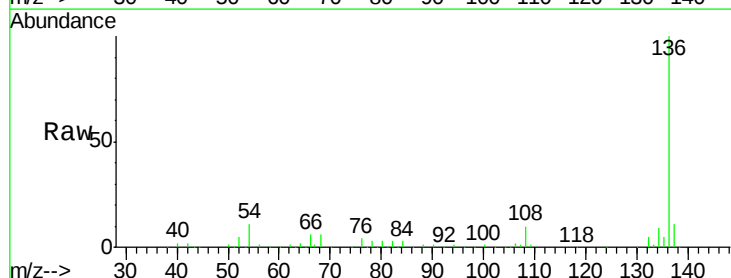
Ion Ratio Lower Upper

136 100

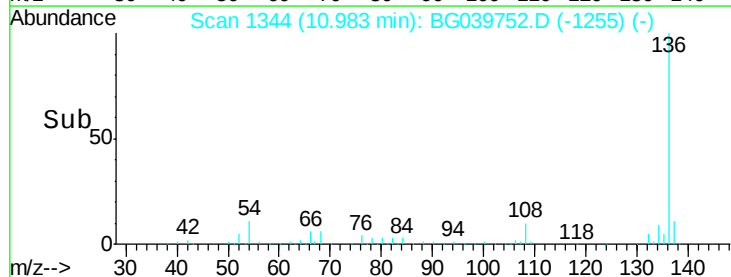
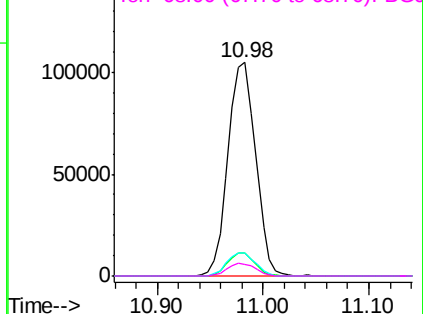
137 11.0 9.1 13.7

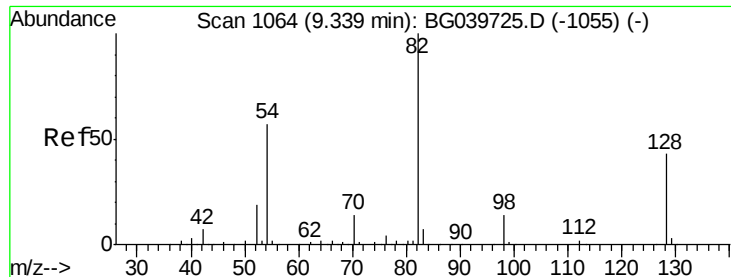
54 10.6 9.4 14.2

68 5.7 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

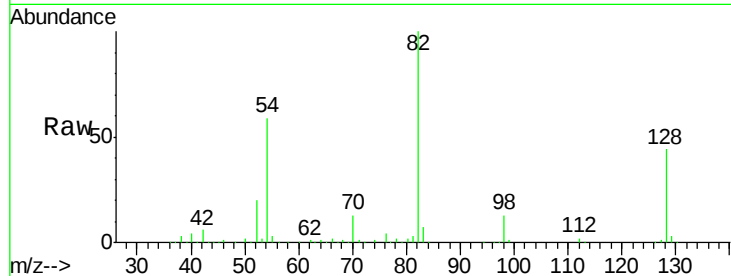




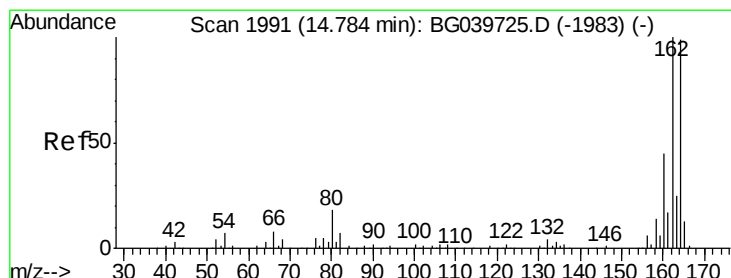
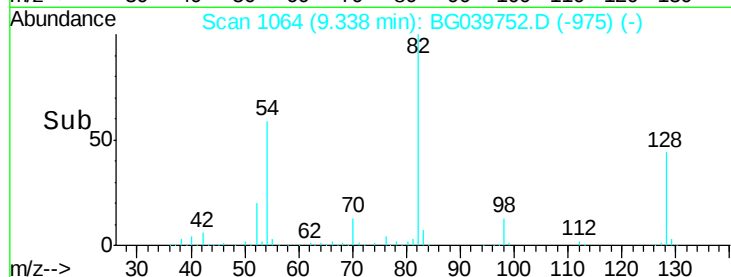
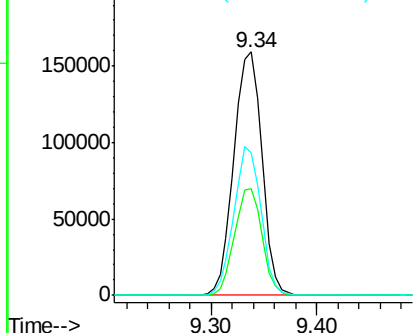
#23
Nitrobenzene-d5
Concen: 83.578 ng
RT: 9.34 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BG039752.D
Acq: 5 Mar 2019 5:34

Instrument :
BNA_G
ClientSampleId :
PB117574BL

Tgt Ion: 82 Resp: 293840
Ion Ratio Lower Upper
82 100
128 43.7 31.3 46.9
54 58.7 50.9 76.3

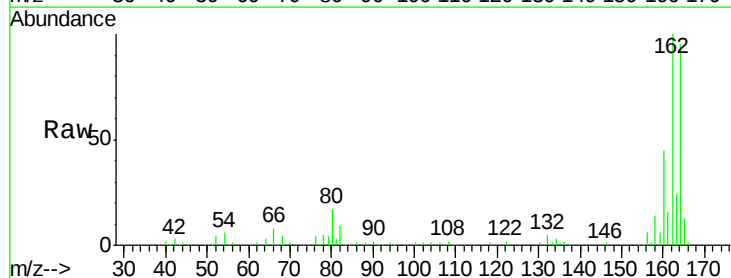


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

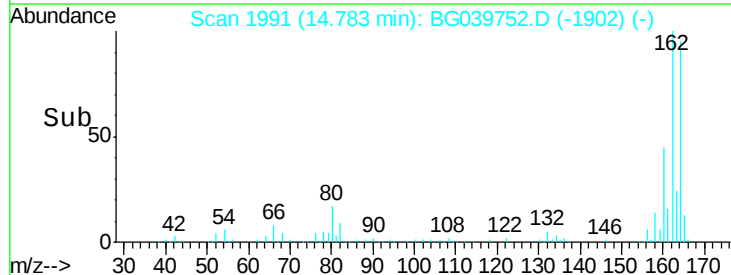
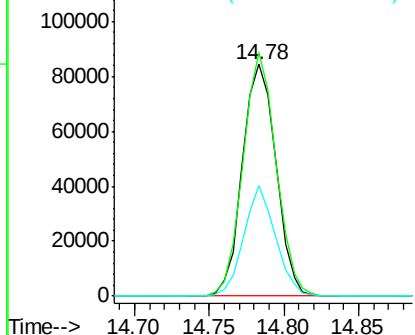


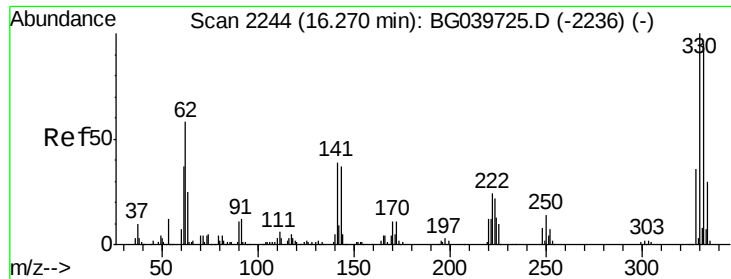
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BG039752.D
Acq: 5 Mar 2019 5:34

Tgt Ion: 164 Resp: 131376
Ion Ratio Lower Upper
164 100
162 105.0 81.6 122.4
160 47.5 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

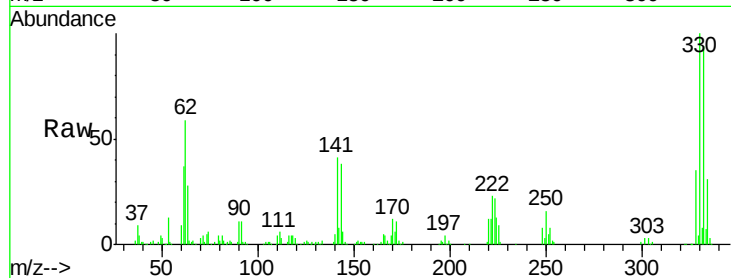




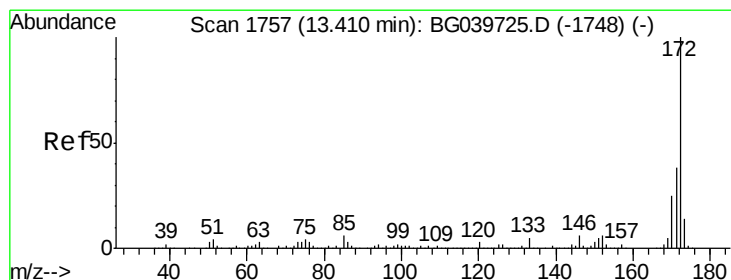
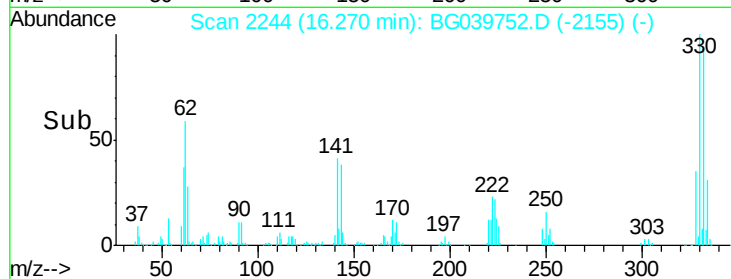
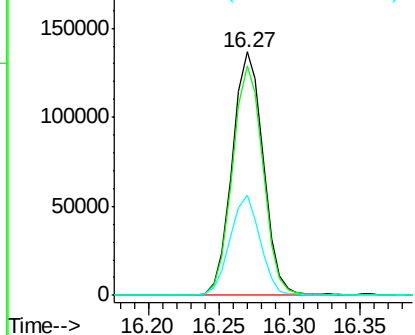
#42
 2,4,6-Tribromophenol
 Concen: 137.049 ng
 RT: 16.27 min Scan# 2244
 Delta R.T. -0.01 min
 Lab File: BG039752.D
 Acq: 5 Mar 2019 5:34

Instrument :
 BNA_G
 ClientSampleId :
 PB117574BL

Tgt Ion:330 Resp: 209861
 Ion Ratio Lower Upper
 330 100
 332 92.8 75.7 113.5
 141 40.1 35.6 53.4

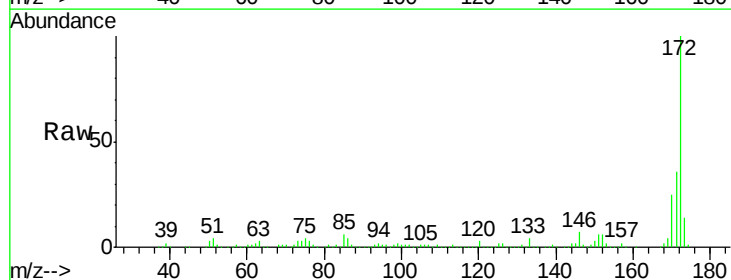


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

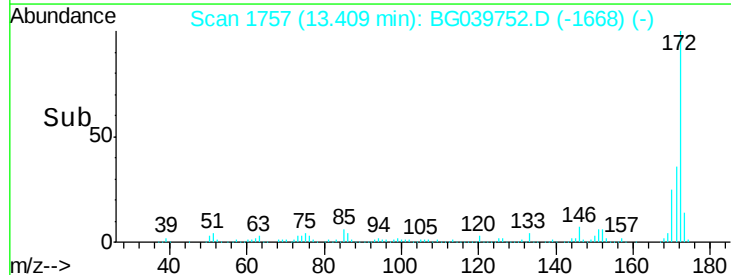
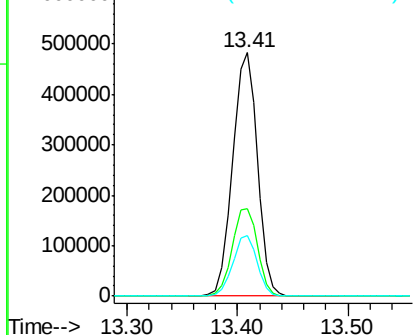


#45
 2-Fluorobiphenyl
 Concen: 82.228 ng
 RT: 13.41 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: BG039752.D
 Acq: 5 Mar 2019 5:34

Tgt Ion:172 Resp: 758717
 Ion Ratio Lower Upper
 172 100
 171 36.0 30.8 46.2
 170 25.1 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

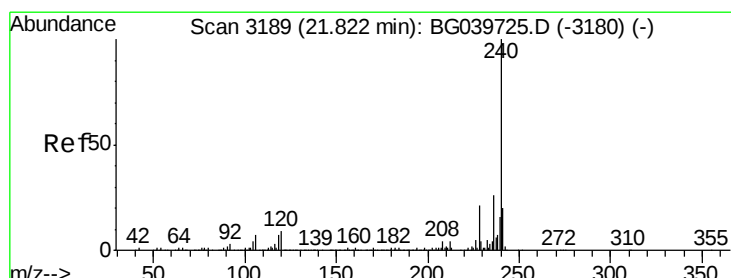
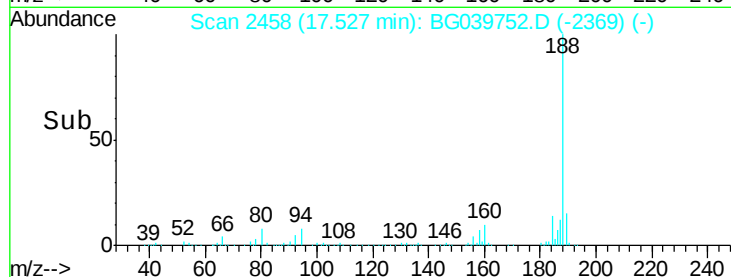
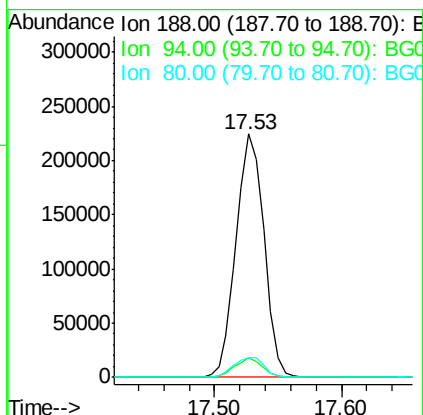
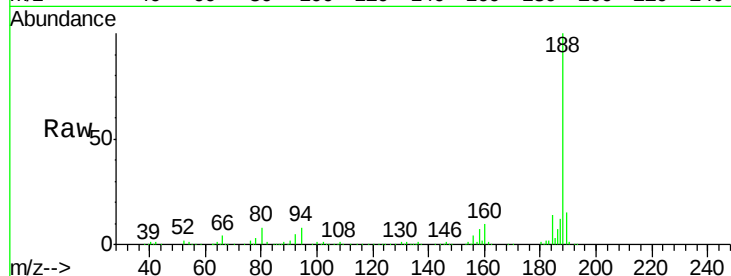




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BG039752.D
Acq: 5 Mar 2019 5:34

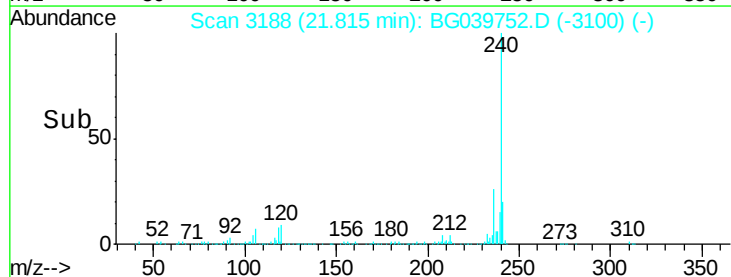
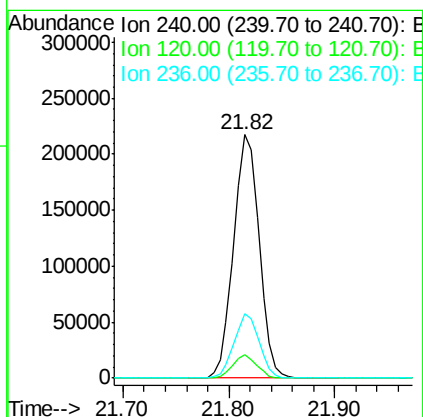
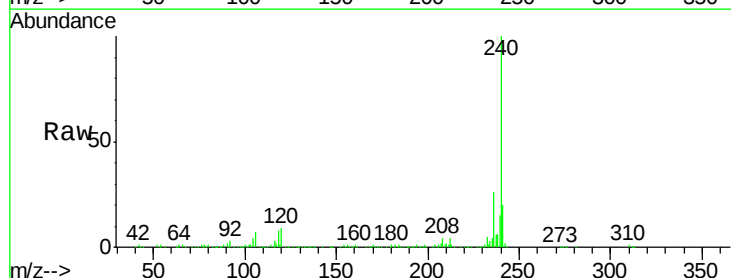
Instrument :
BNA_G
ClientSampleId :
PB117574BL

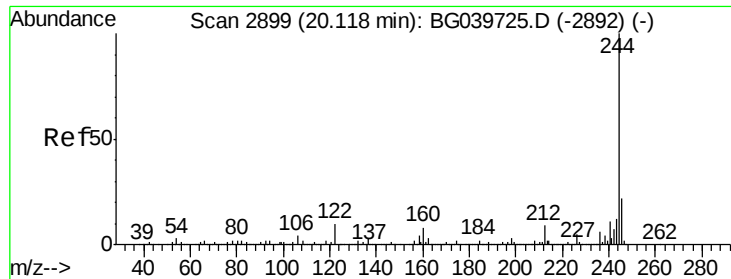
Tgt Ion:188 Resp: 343168
Ion Ratio Lower Upper
188 100
94 8.1 6.9 10.3
80 8.3 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3188
Delta R.T. -0.01 min
Lab File: BG039752.D
Acq: 5 Mar 2019 5:34

Tgt Ion:240 Resp: 363441
Ion Ratio Lower Upper
240 100
120 9.4 7.0 10.6
236 26.2 21.0 31.4

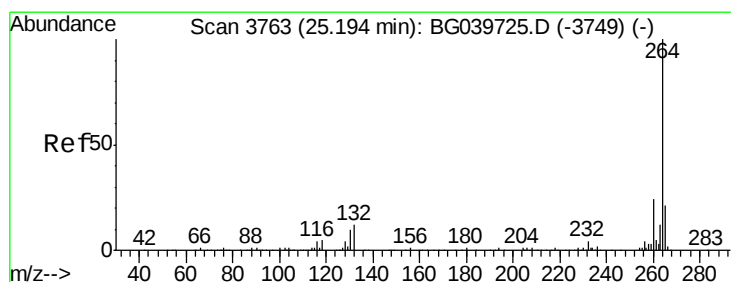
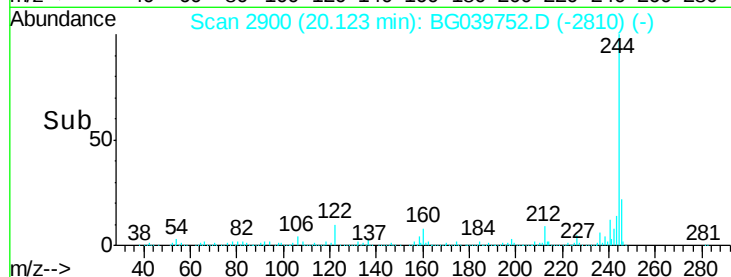
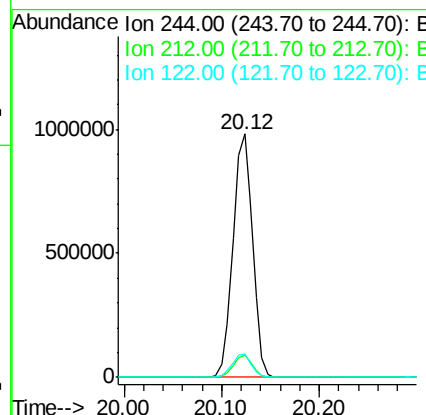
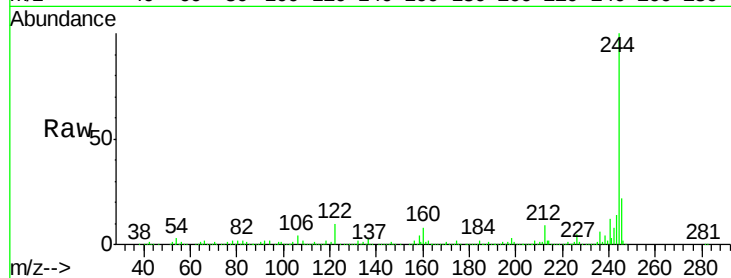




#79
 Terphenyl-d14
 Concen: 82.365 ng
 RT: 20.12 min Scan# 2900
 Delta R.T. -0.00 min
 Lab File: BG039752.D
 Acq: 5 Mar 2019 5:34

Instrument :
 BNA_G
 ClientSampleId :
 PB117574BL

Tgt Ion:244 Resp: 1359558
 Ion Ratio Lower Upper
 244 100
 212 9.1 7.3 10.9
 122 9.9 8.4 12.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.19 min Scan# 3763
 Delta R.T. -0.01 min
 Lab File: BG039752.D
 Acq: 5 Mar 2019 5:34

Tgt Ion:264 Resp: 368941
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.2 27.4
 265 21.7 18.5 27.7

