

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030419\
 Data File : BG039735.D
 Acq On : 4 Mar 2019 17:32
 Operator : JU/SJ
 Sample : PB117572BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117572BL

Quant Time: Mar 05 06:37:43 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	42534	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	182161	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	126854	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	335127	20.00	ng	0.00
76) Chrysene-d12	21.82	240	373736	20.00	ng	-0.01
87) Perylene-d12	25.19	264	369672	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	310886	124.69	ng	0.00
7) Phenol-d6	7.30	99	449689	120.97	ng	-0.01
23) Nitrobenzene-d5	9.33	82	256889	76.27	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	177482	120.04	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	670960	75.31	ng	-0.01
79) Terphenyl-d14	20.12	244	1244119	73.30	ng	0.00

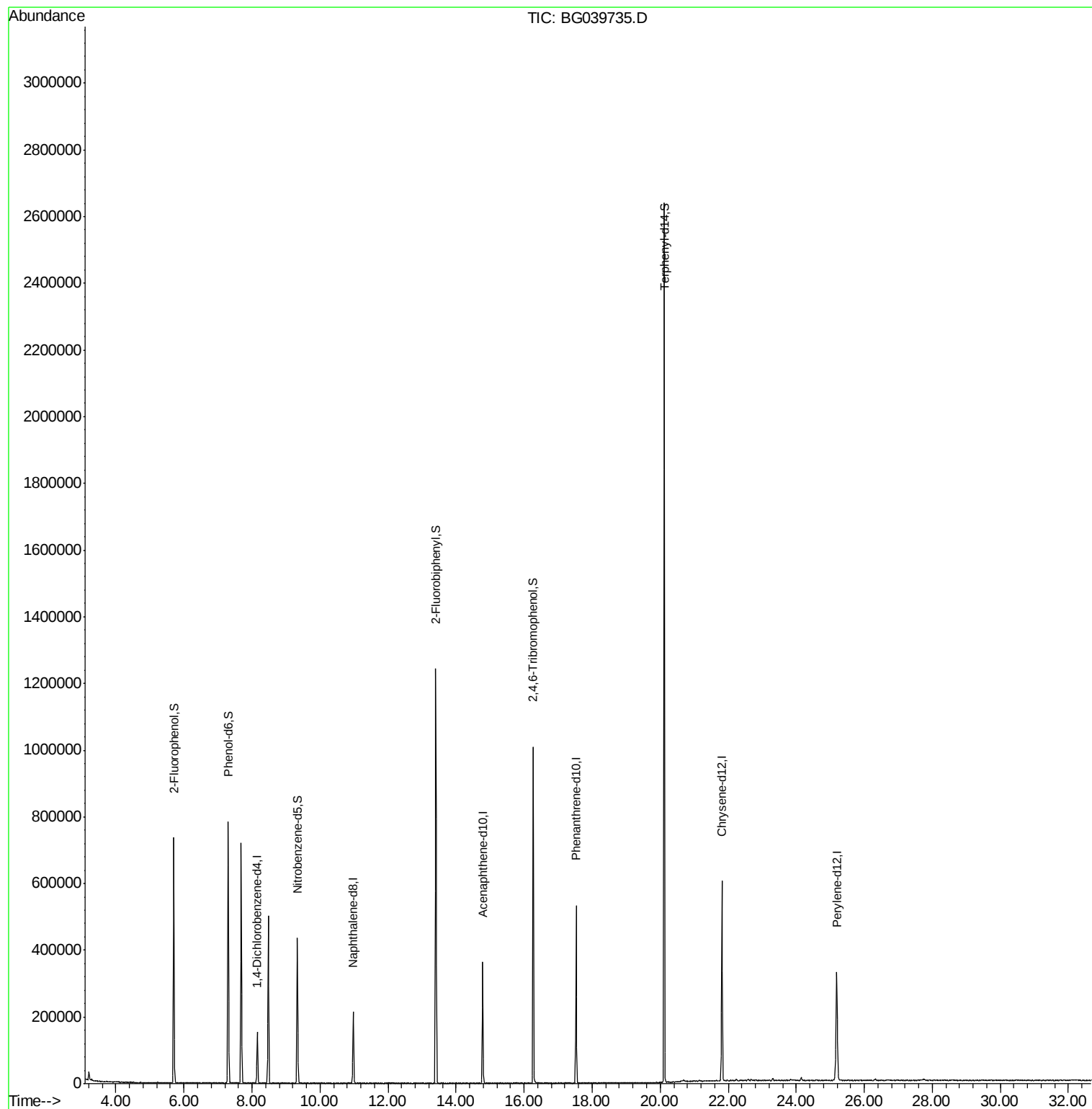
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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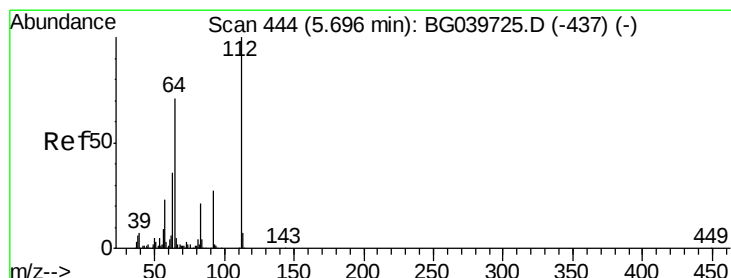
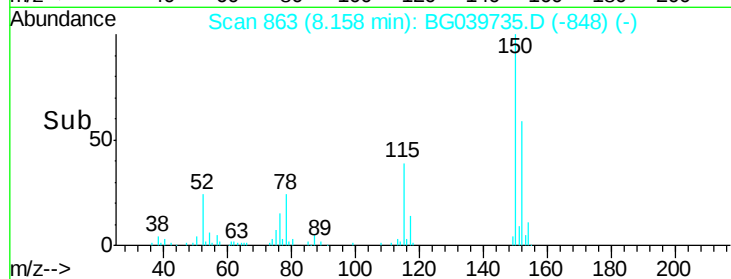
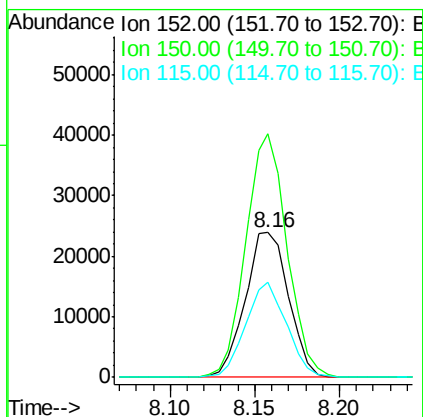
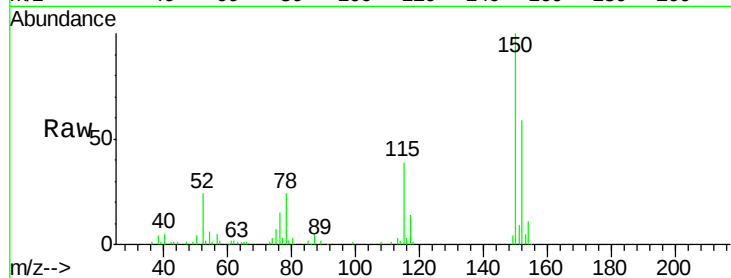


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039735.D
Acq: 4 Mar 2019 17:32

Instrument :
BNA_G
ClientSampleId :
PB117572BL

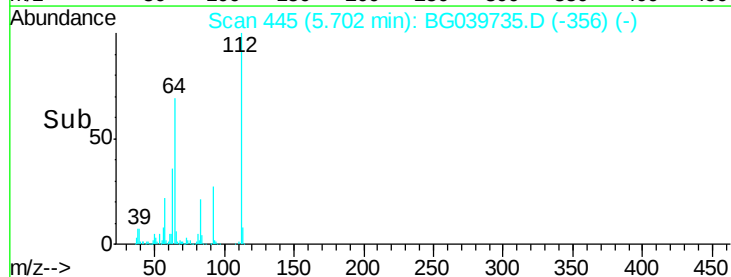
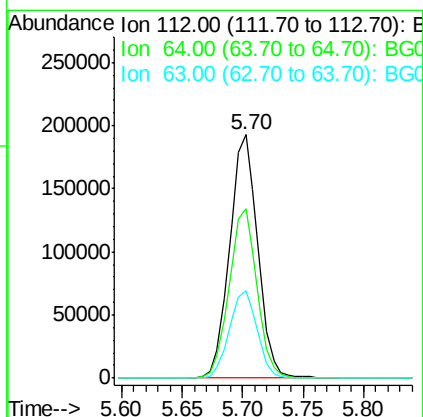
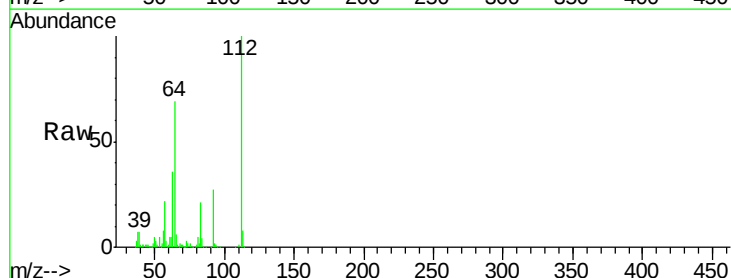
Tgt Ion:152 Resp: 42534
Ion Ratio Lower Upper
152 100
150 168.6 123.7 185.5
115 66.1 45.9 68.9



#5

2-Fluorophenol
Concen: 124.694 ng
RT: 5.70 min Scan# 445
Delta R.T. -0.01 min
Lab File: BG039735.D
Acq: 4 Mar 2019 17:32

Tgt Ion:112 Resp: 310886
Ion Ratio Lower Upper
112 100
64 69.5 57.8 86.8
63 36.1 29.8 44.6





#7

Phenol-d6

Concen: 120.966 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039735.D

Acq: 4 Mar 2019 17:32

Instrument :

BNA_G

ClientSampleId :

PB117572BL

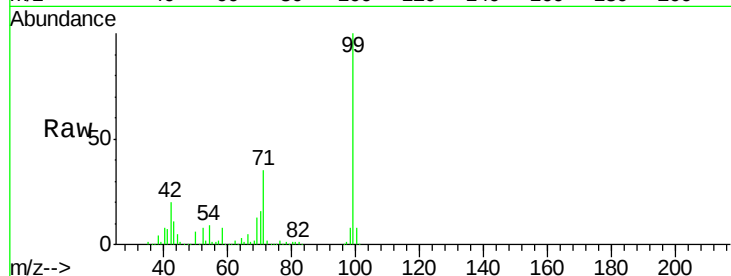
Tgt Ion: 99 Resp: 449689

Ion Ratio Lower Upper

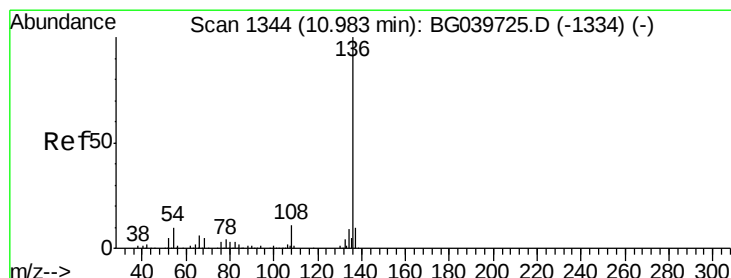
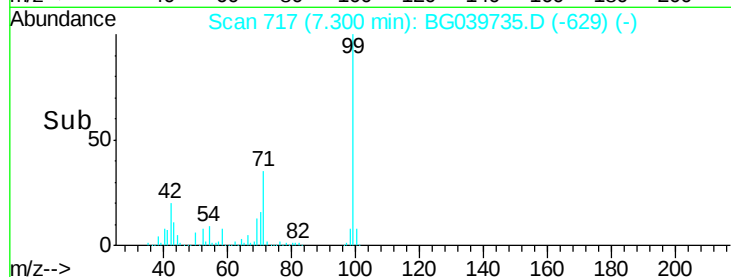
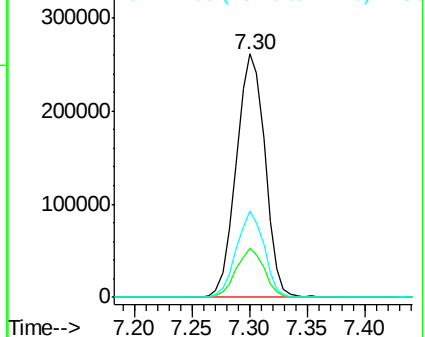
99 100

42 20.4 18.2 27.2

71 35.4 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# 1343

Delta R.T. -0.01 min

Lab File: BG039735.D

Acq: 4 Mar 2019 17:32

Tgt Ion: 136 Resp: 182161

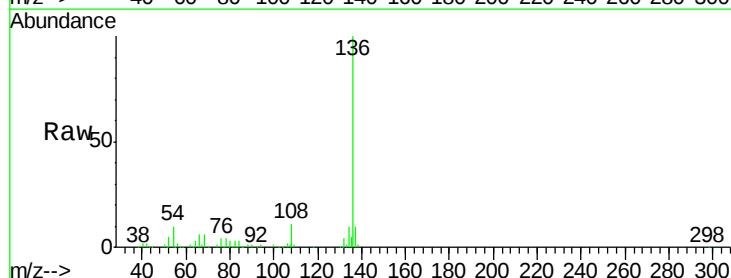
Ion Ratio Lower Upper

136 100

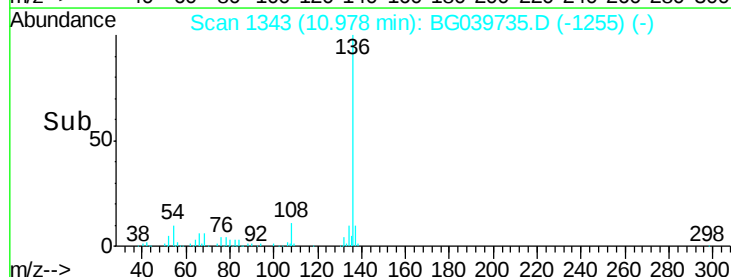
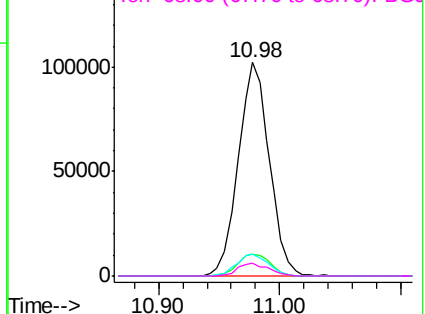
137 10.4 9.1 13.7

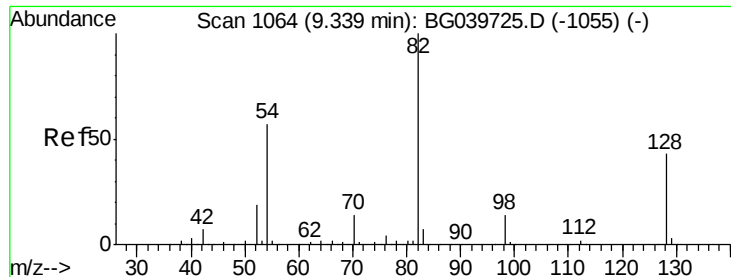
54 10.3 9.4 14.2

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

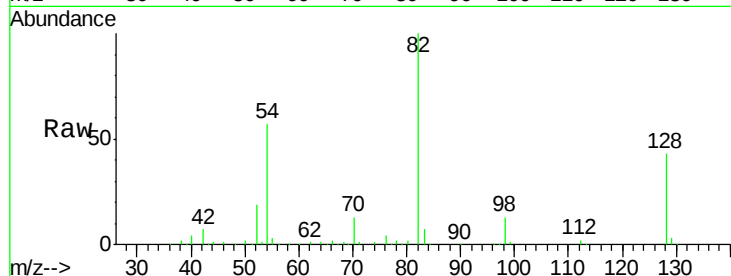




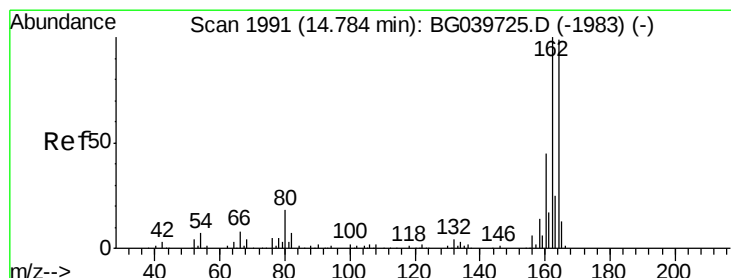
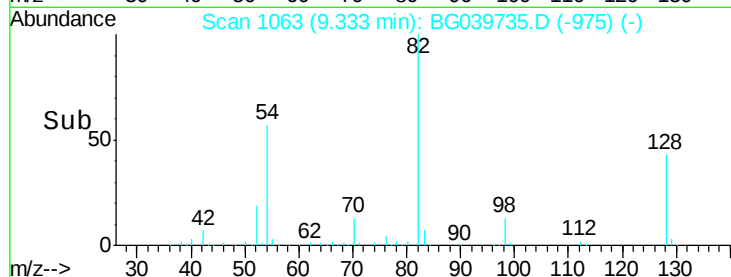
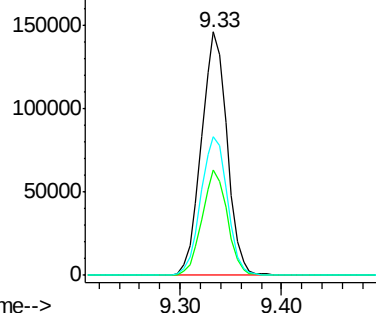
#23
Nitrobenzene-d5
Concen: 76.271 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039735.D
Acq: 4 Mar 2019 17:32

Instrument :
BNA_G
ClientSampleId :
PB117572BL

Tgt Ion: 82 Resp: 256889
Ion Ratio Lower Upper
82 100
128 43.2 31.3 46.9
54 56.8 50.9 76.3

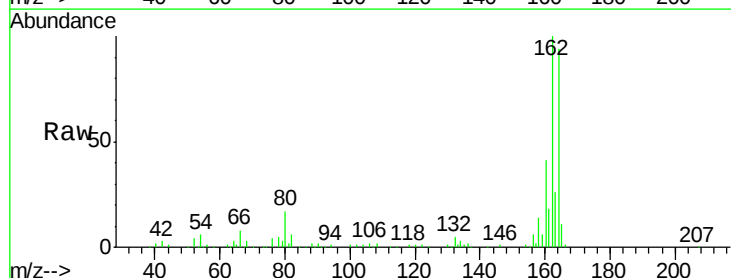


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

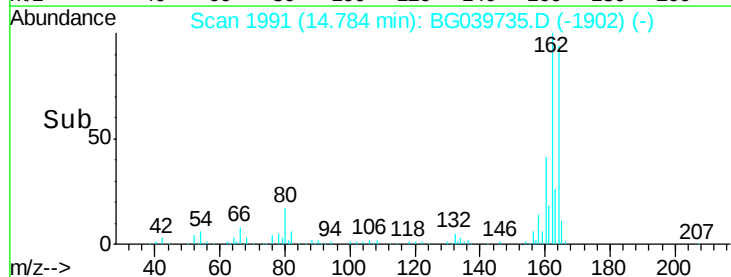
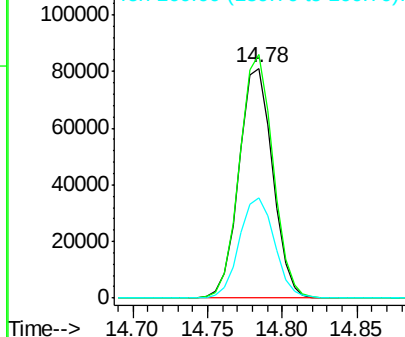


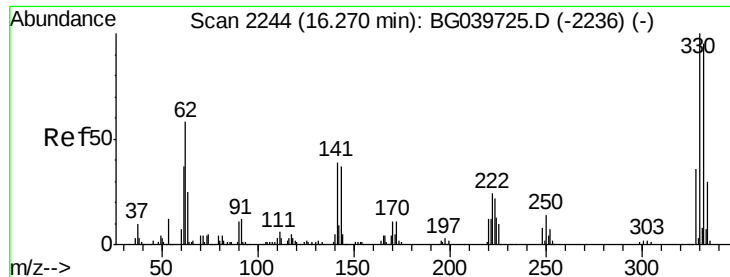
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BG039735.D
Acq: 4 Mar 2019 17:32

Tgt Ion: 164 Resp: 126854
Ion Ratio Lower Upper
164 100
162 105.9 81.6 122.4
160 43.8 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

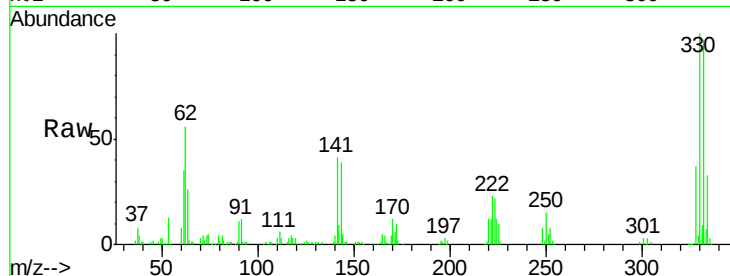




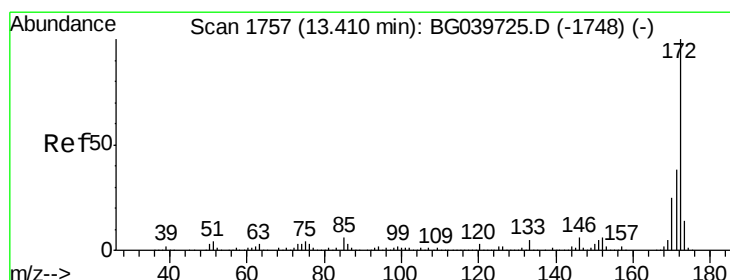
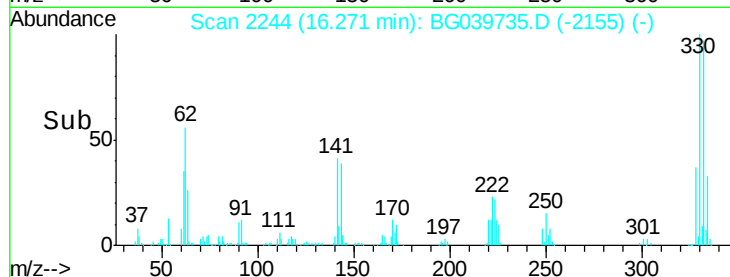
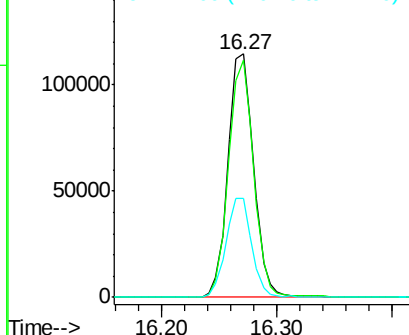
#42
 2,4,6-Tribromophenol
 Concen: 120.036 ng
 RT: 16.27 min Scan# 2244
 Delta R.T. -0.01 min
 Lab File: BG039735.D
 Acq: 4 Mar 2019 17:32

Instrument :
 BNA_G
 ClientSampleId :
 PB117572BL

Tgt Ion:330 Resp: 177482
 Ion Ratio Lower Upper
 330 100
 332 95.3 75.7 113.5
 141 40.7 35.6 53.4

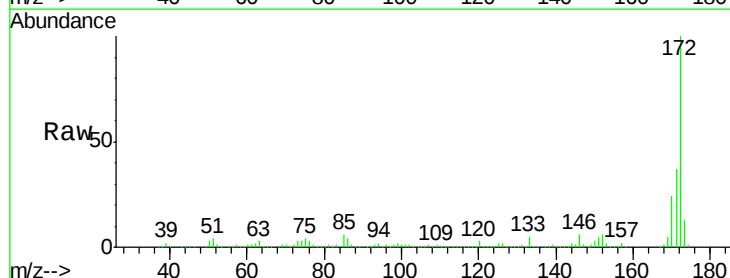


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

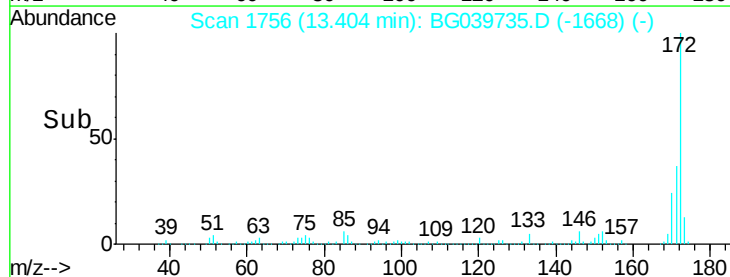
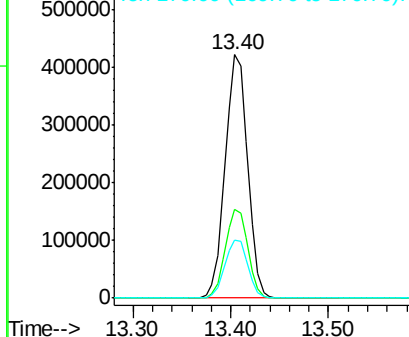


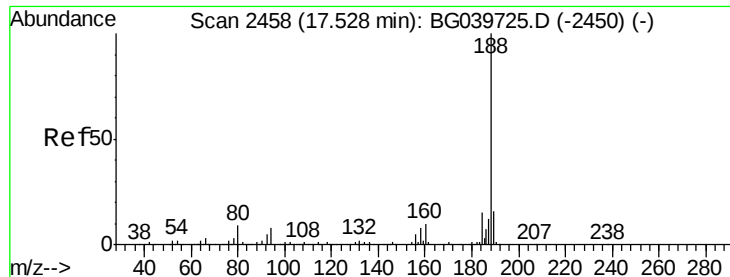
#45
 2-Fluorobiphenyl
 Concen: 75.310 ng
 RT: 13.40 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG039735.D
 Acq: 4 Mar 2019 17:32

Tgt Ion:172 Resp: 670960
 Ion Ratio Lower Upper
 172 100
 171 36.7 30.8 46.2
 170 24.0 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: BG039735.D

Acq: 4 Mar 2019 17:32

Instrument :

BNA_G

ClientSampleId :

PB117572BL

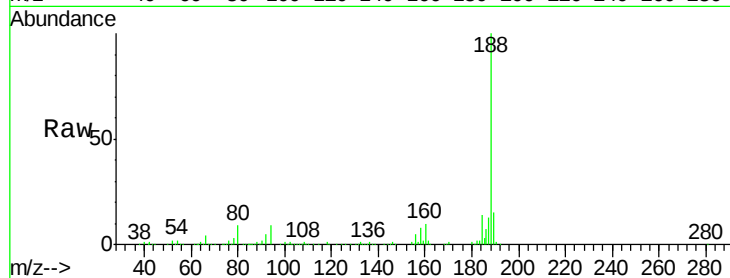
Tgt Ion:188 Resp: 335127

Ion Ratio Lower Upper

188 100

94 8.6 6.9 10.3

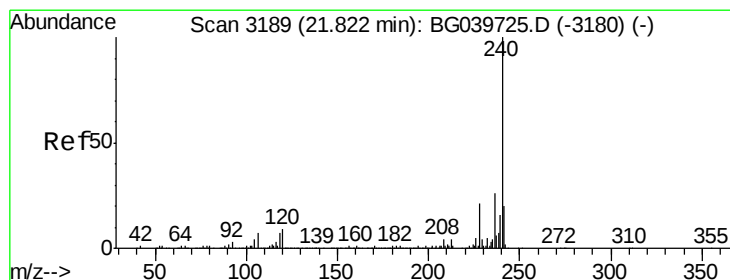
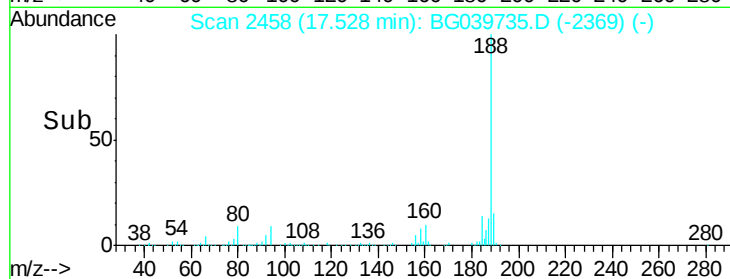
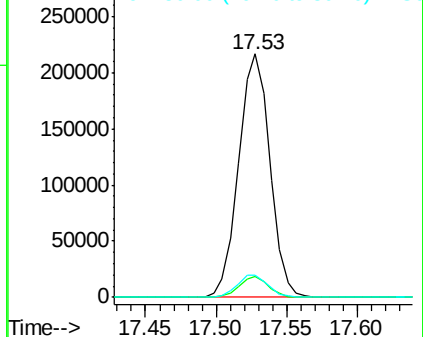
80 9.0 8.1 12.1



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: 21.82 min Scan# 3188

Delta R.T. -0.01 min

Lab File: BG039735.D

Acq: 4 Mar 2019 17:32

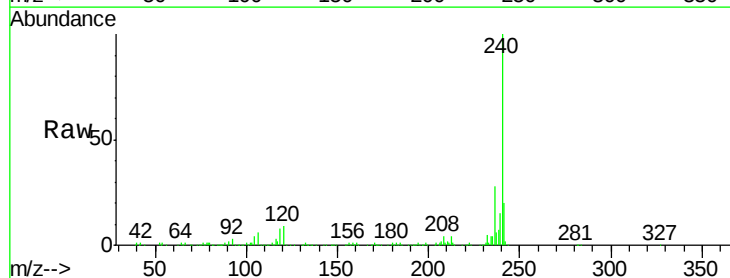
Tgt Ion:240 Resp: 373736

Ion Ratio Lower Upper

240 100

120 9.0 7.0 10.6

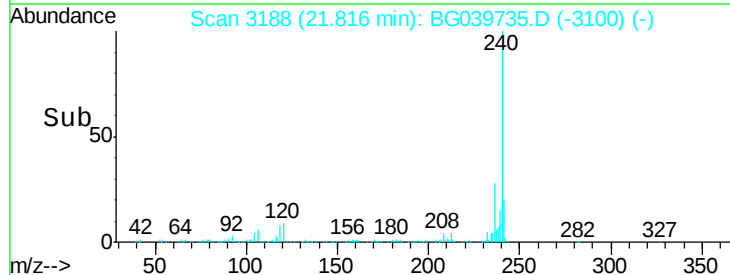
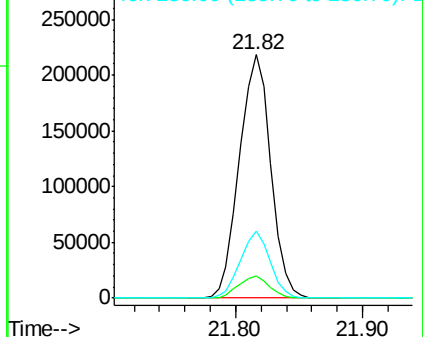
236 27.7 21.0 31.4



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: 73.295 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG039735.D

Acq: 4 Mar 2019 17:32

Instrument :

BNA_G

ClientSampleId :

PB117572BL

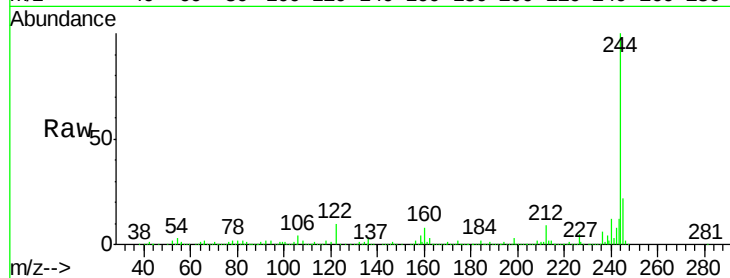
Tgt Ion:244 Resp: 1244119

Ion Ratio Lower Upper

244 100

212 8.8 7.3 10.9

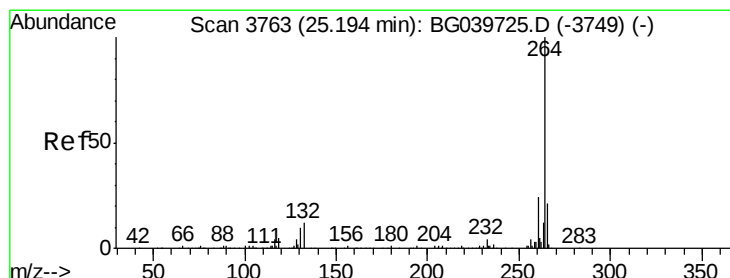
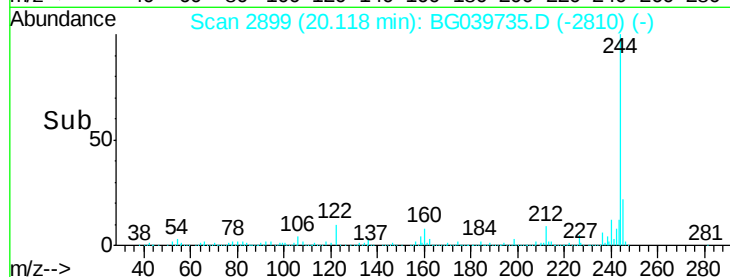
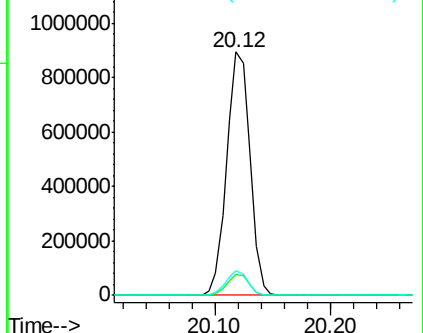
122 9.9 8.4 12.6



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: 25.19 min Scan# 3762

Delta R.T. -0.01 min

Lab File: BG039735.D

Acq: 4 Mar 2019 17:32

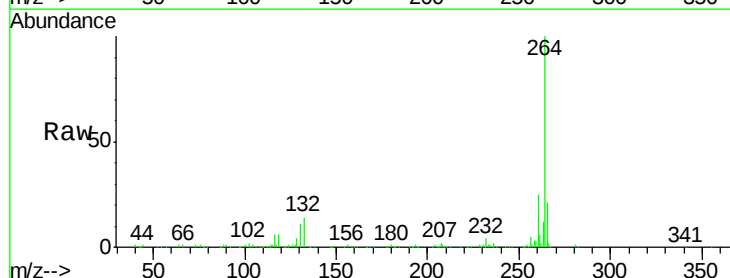
Tgt Ion:264 Resp: 369672

Ion Ratio Lower Upper

264 100

260 24.5 18.2 27.4

265 20.6 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

