

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031819\
 Data File : BG039976.D
 Acq On : 18 Mar 2019 19:16
 Operator : JU/SJ
 Sample : PB117991BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117991BL

Quant Time: Mar 19 08:04:33 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	8.15	152	37633	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	153908	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	106761	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	263204	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	270956	20.00	ng	-0.03
87) Perylene-d12	25.16	264	256990	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	236464	107.20	ng	-0.02
7) Phenol-d6	7.29	99	339973	103.36	ng	-0.02
23) Nitrobenzene-d5	9.32	82	203392	71.47	ng	-0.03
42) 2,4,6-Tribromophenol	16.26	330	119793	96.27	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	524026	69.89	ng	-0.03
79) Terphenyl-d14	20.11	244	847538	68.87	ng	-0.02

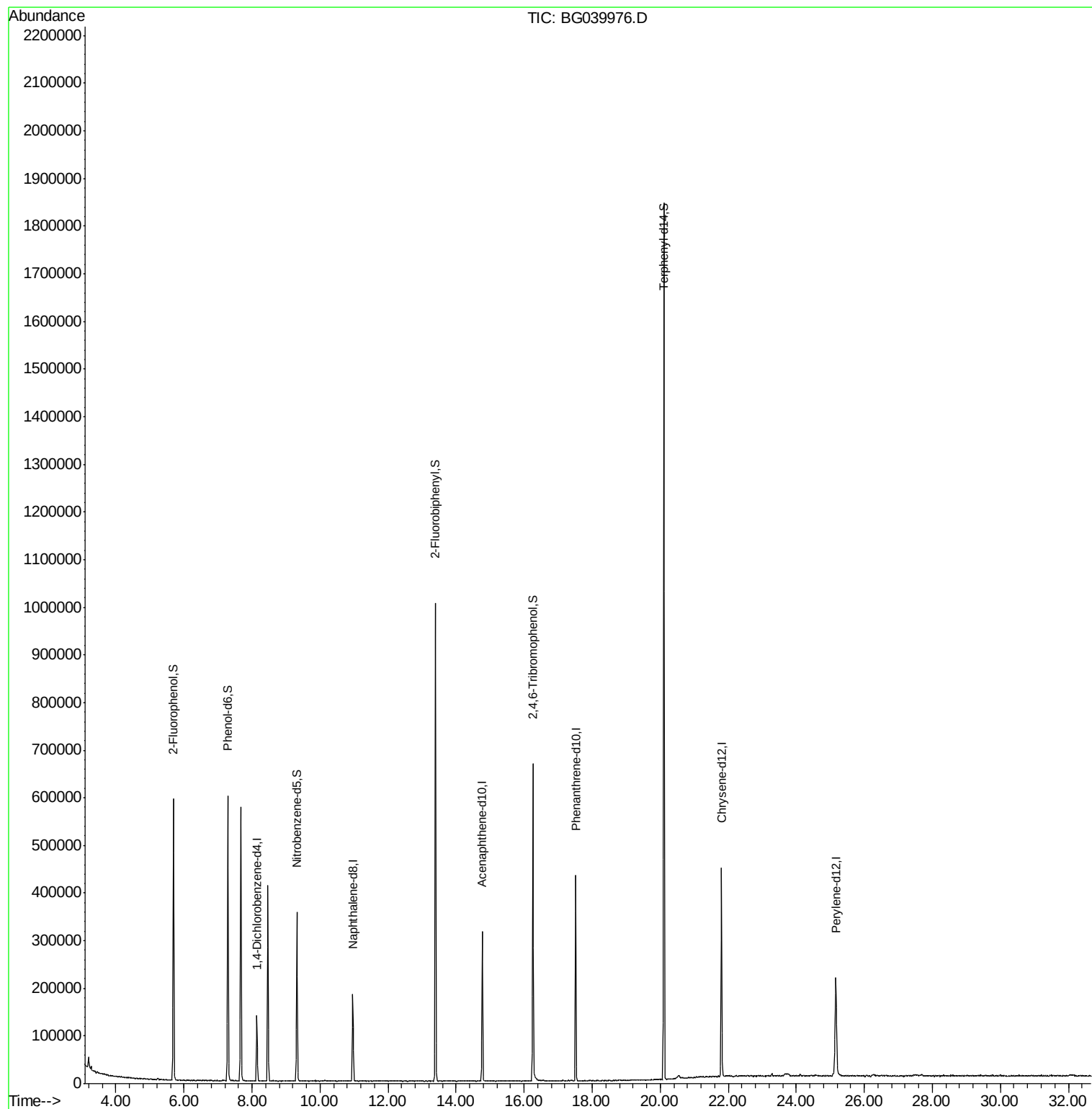
Target Compounds Qvalue

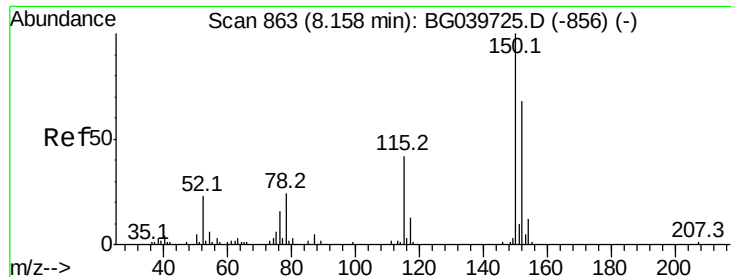
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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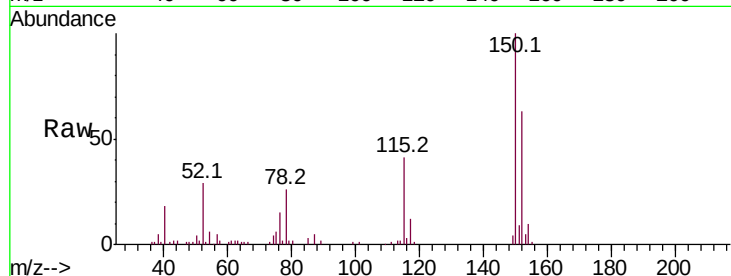


#1

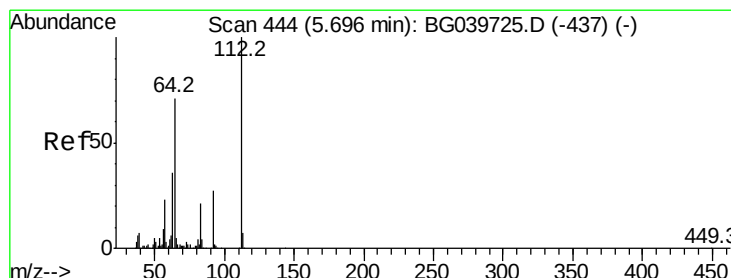
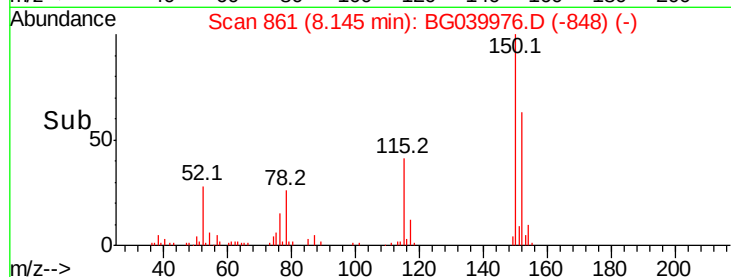
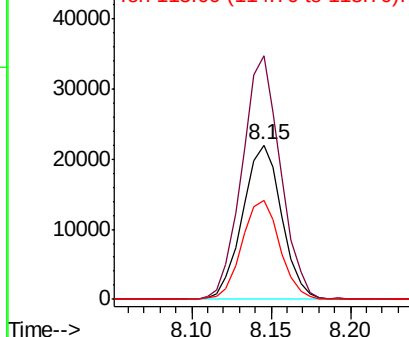
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.03 min
Lab File: BG039976.D
Acq: 18 Mar 2019 19:16

Instrument :
BNA_G
ClientSampleId :
PB117991BL

Tot Ion:152 Resp: 37633
Ion Ratio Lower Upper
152 100
150 157.8 123.7 185.5
115 64.2 45.9 68.9



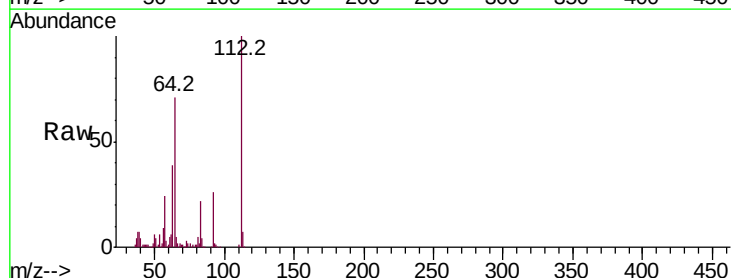
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



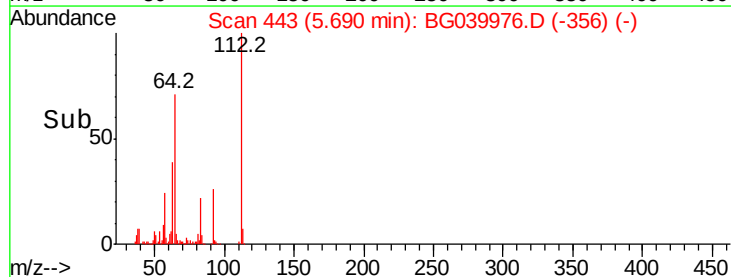
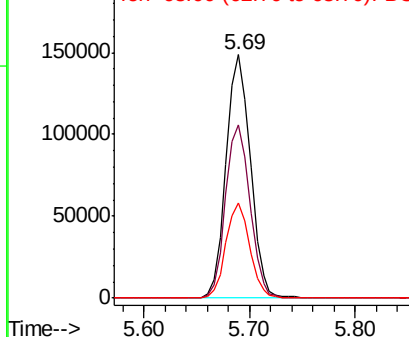
#5

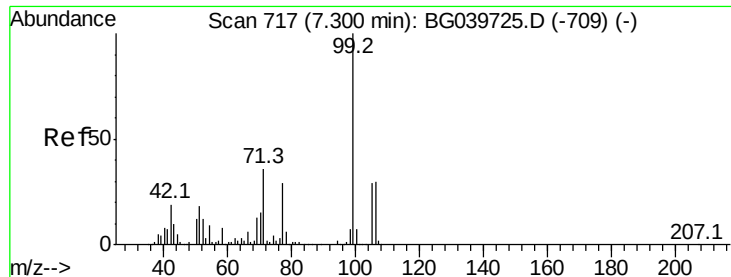
2-Fluorophenol
Concen: 107.196 ng
RT: 5.69 min Scan# 443
Delta R.T. -0.02 min
Lab File: BG039976.D
Acq: 18 Mar 2019 19:16

Tgt Ion:112 Resp: 236464
Ion Ratio Lower Upper
112 100
64 71.3 57.8 86.8
63 38.9 29.8 44.6



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





#7

Phenol-d6

Concen: 103.362 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039976.D

Acq: 18 Mar 2019 19:16

Instrument :

BNA_G

ClientSampled :

PB117991BL

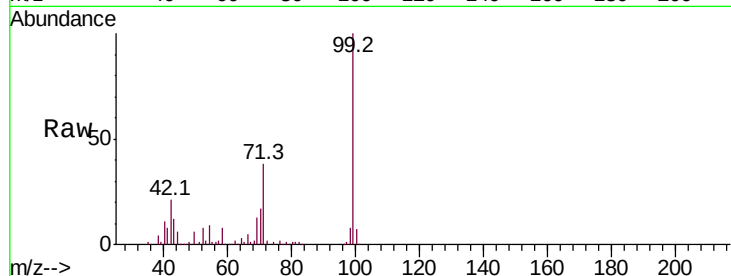
Tot Ion: 99 Resp: 339973

Ion Ratio Lower Upper

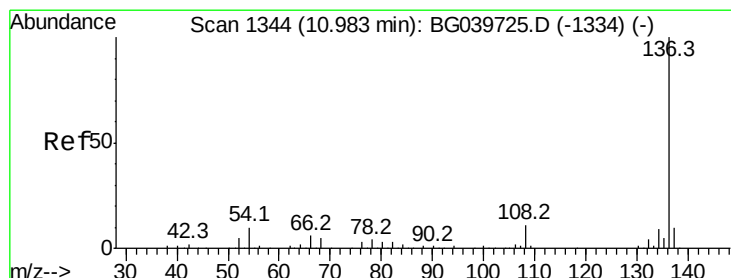
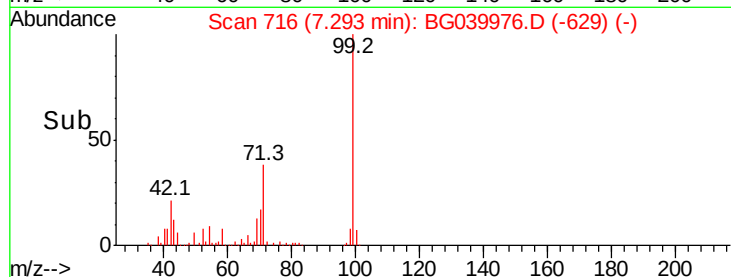
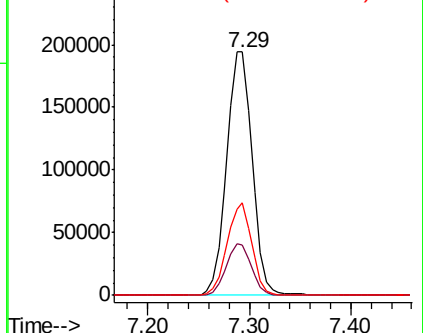
99 100

42 20.8 18.2 27.2

71 37.9 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: BG039976.D

Acq: 18 Mar 2019 19:16

Tgt Ion: 136 Resp: 153908

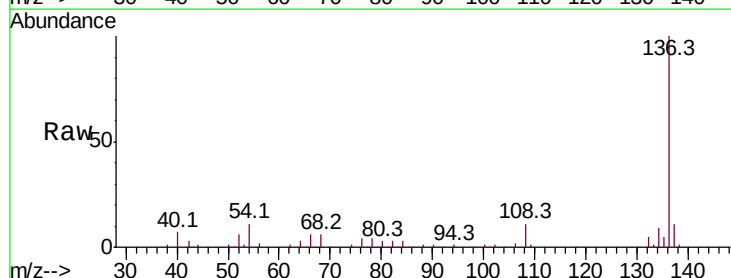
Ion Ratio Lower Upper

136 100

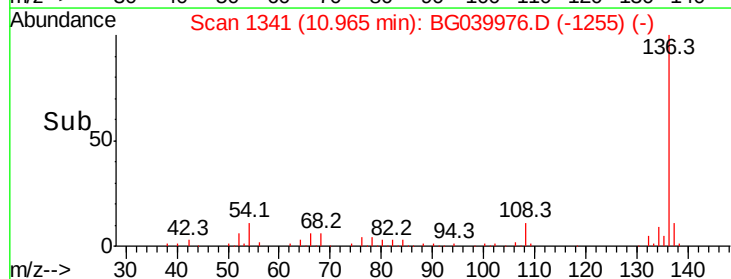
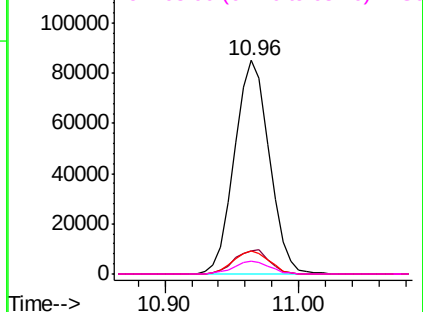
137 10.8 9.1 13.7

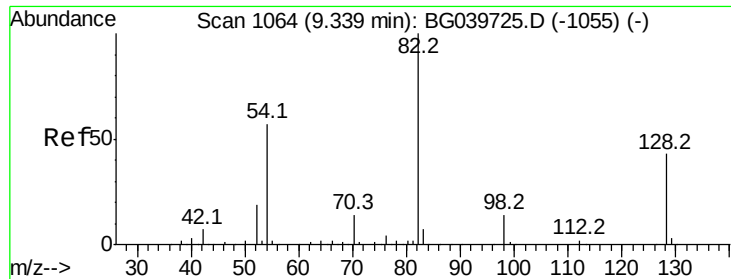
54 10.9 9.4 14.2

68 6.2 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: 71.473 ng

RT: 9.32 min Scan# 1061

Delta R.T. -0.03 min

Lab File: BG039976.D

Acq: 18 Mar 2019 19:16

Instrument :

BNA_G

ClientSampleId :

PB117991BL

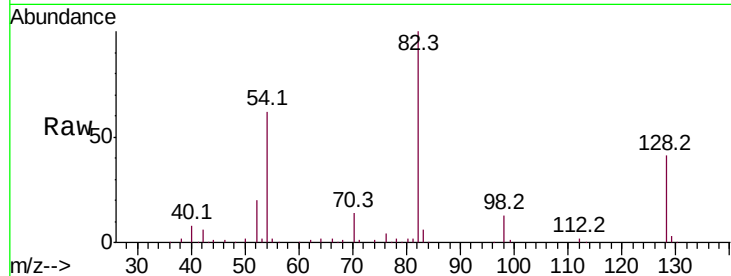
Tot Ion: 82 Resp: 203392

Ion Ratio Lower Upper

82 100

128 41.5 31.3 46.9

54 62.1 50.9 76.3

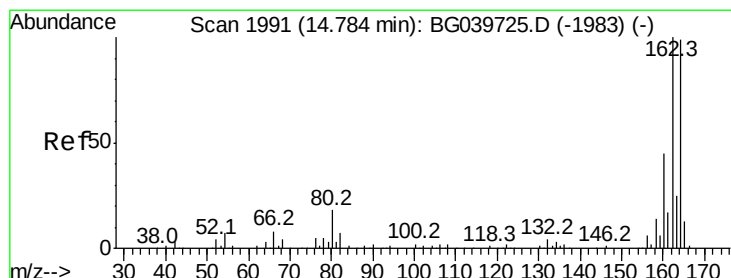
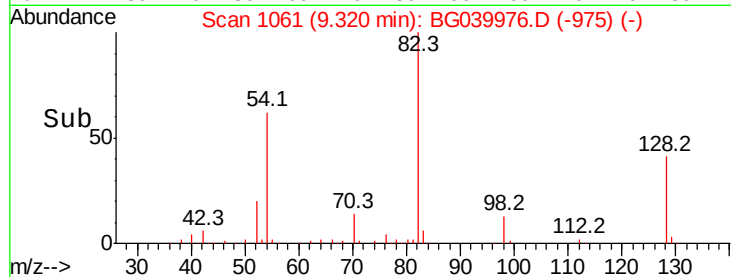
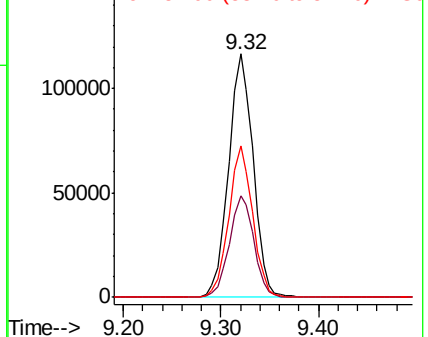


Abundance

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# 1989

Delta R.T. -0.02 min

Lab File: BG039976.D

Acq: 18 Mar 2019 19:16

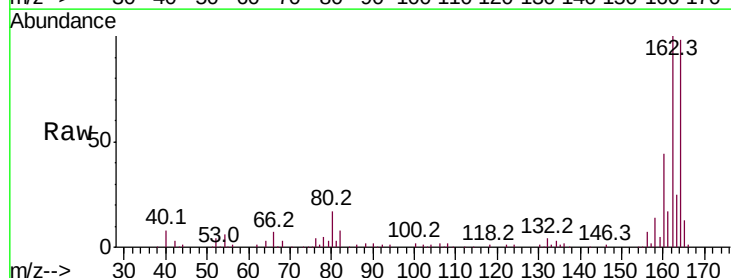
Tgt Ion:164 Resp: 106761

Ion Ratio Lower Upper

164 100

162 101.6 81.6 122.4

160 44.4 34.2 51.2

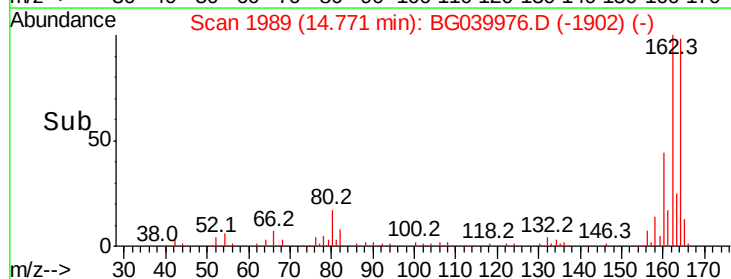
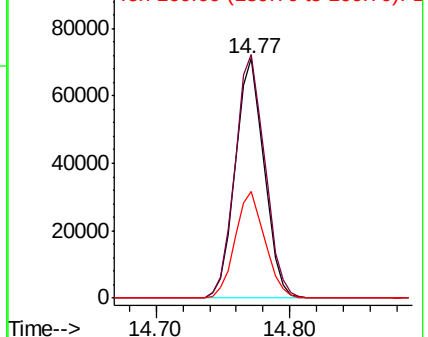


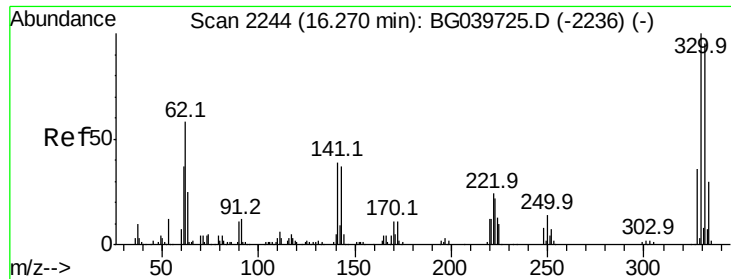
Abundance

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: 96.267 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BG039976.D

Acq: 18 Mar 2019 19:16

Instrument :

BNA_G

ClientSampleId :

PB117991BL

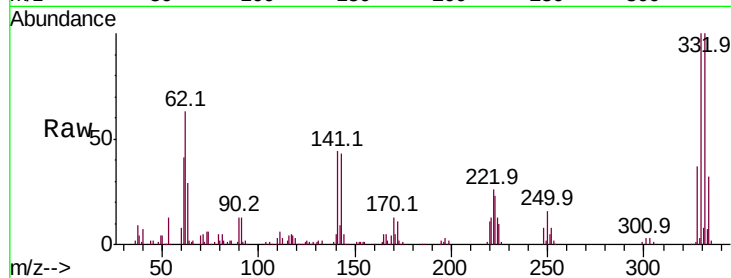
Tot Ion:330 Resp: 119793

Ion Ratio Lower Upper

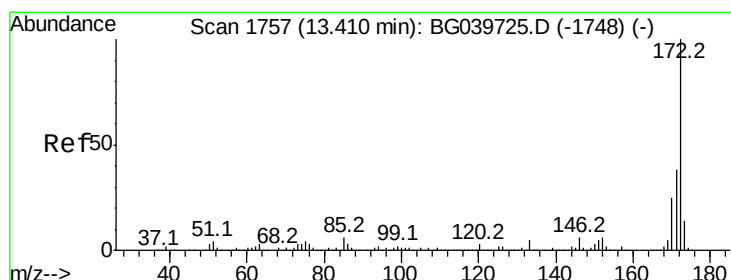
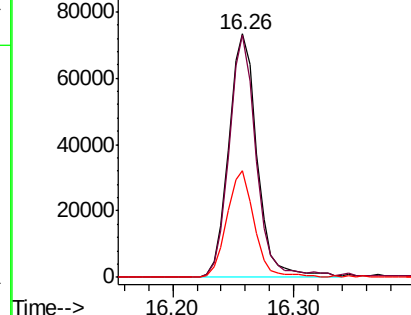
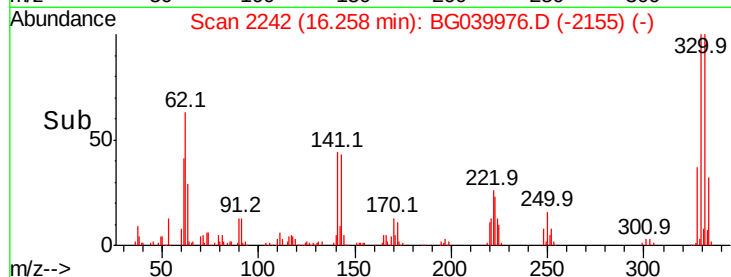
330 100

332 95.1 75.7 113.5

141 42.1 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: 69.887 ng

RT: 13.39 min Scan# 1754

Delta R.T. -0.03 min

Lab File: BG039976.D

Acq: 18 Mar 2019 19:16

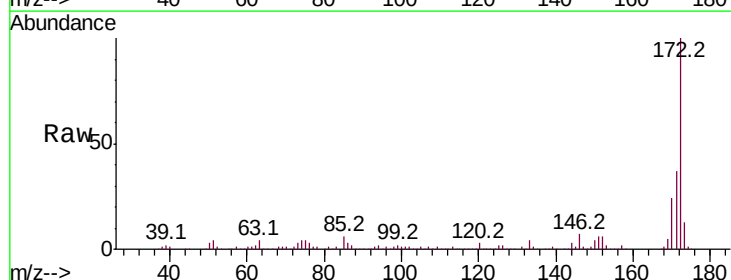
Tgt Ion:172 Resp: 524026

Ion Ratio Lower Upper

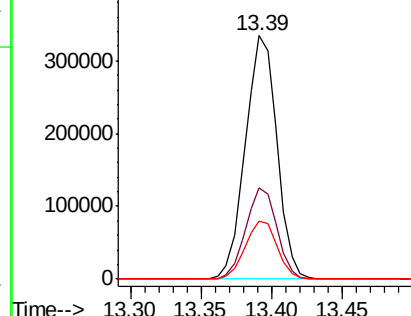
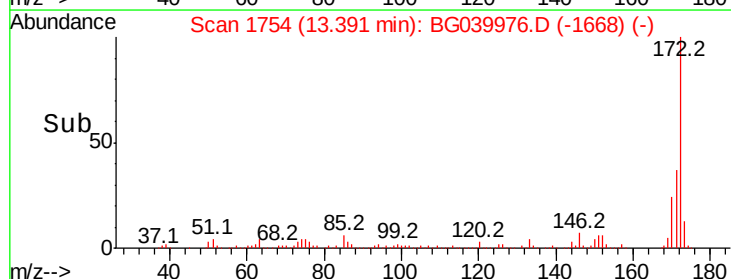
172 100

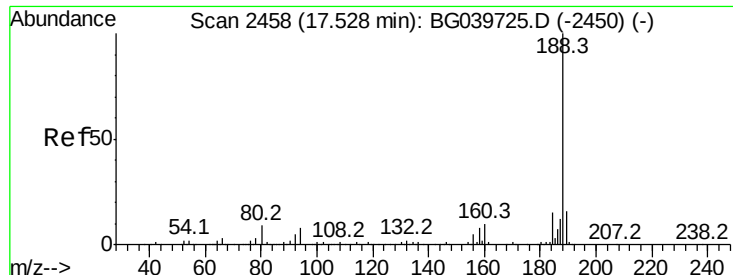
171 37.4 30.8 46.2

170 23.9 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

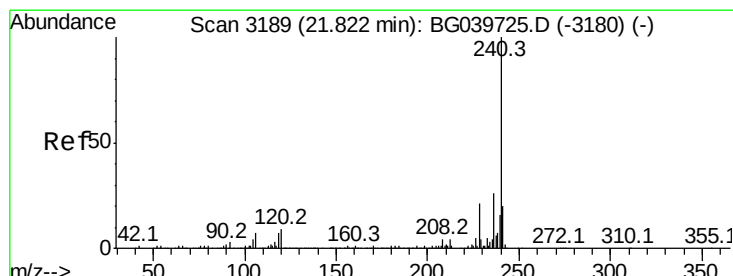
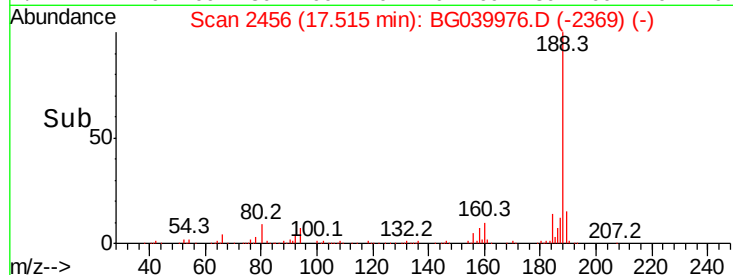
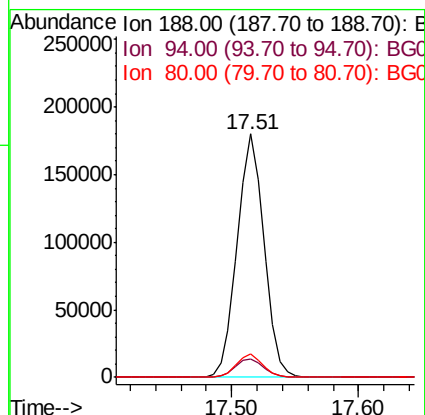
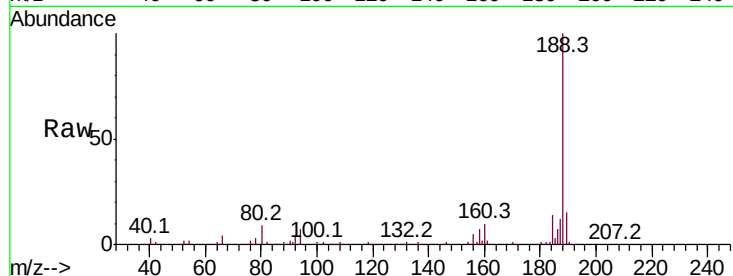




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG039976.D
Acq: 18 Mar 2019 19:16

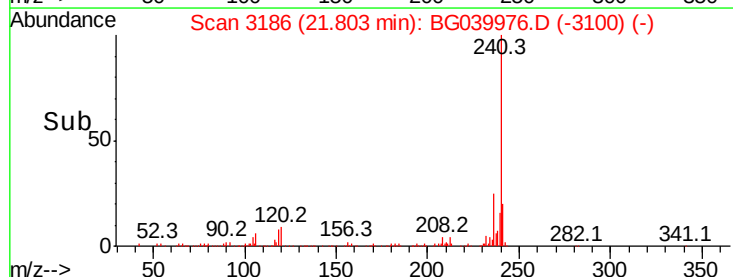
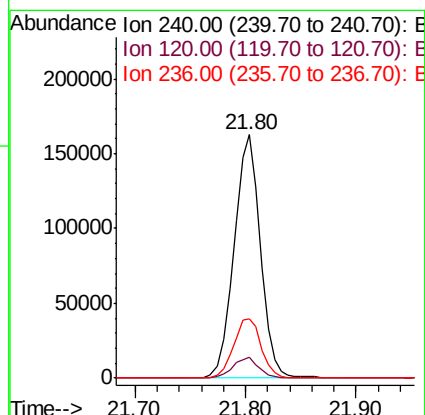
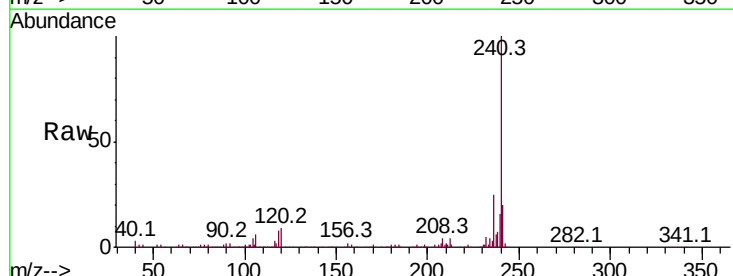
Instrument :
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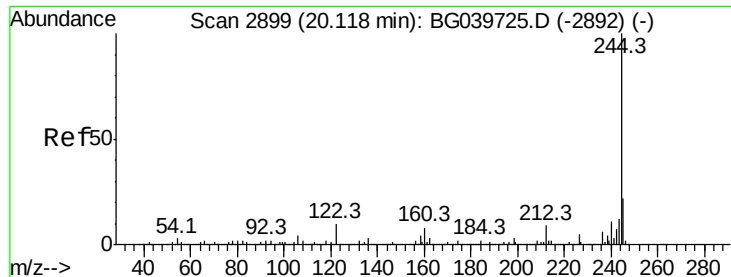
Tot Ion:188 Resp: 263204
Ion Ratio Lower Upper
188 100
94 7.4 6.9 10.3
80 9.4 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3186
Delta R.T. -0.03 min
Lab File: BG039976.D
Acq: 18 Mar 2019 19:16

Tgt Ion:240 Resp: 270956
Ion Ratio Lower Upper
240 100
120 8.7 7.0 10.6
236 24.6 21.0 31.4





#79

Terphenyl-d14

Concen: 68.871 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG039976.D

Acq: 18 Mar 2019 19:16

Instrument :

BNA_G

ClientSampleId :

PB117991BL

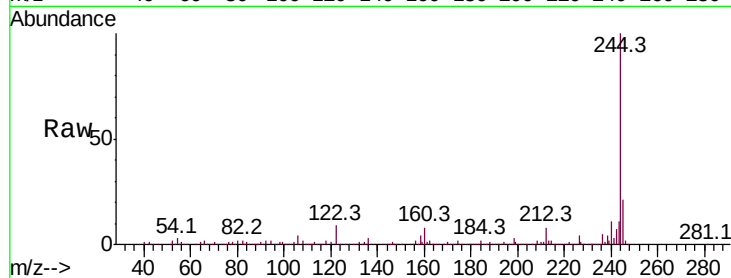
Tot Ion:244 Resp: 847538

Ion Ratio Lower Upper

244 100

212 8.5 7.3 10.9

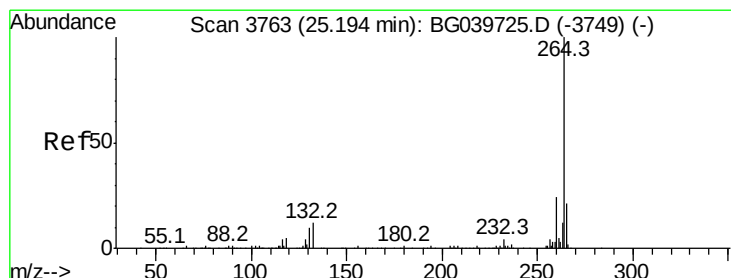
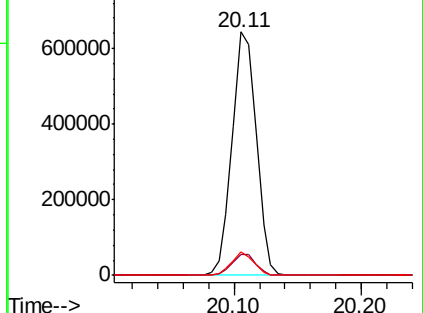
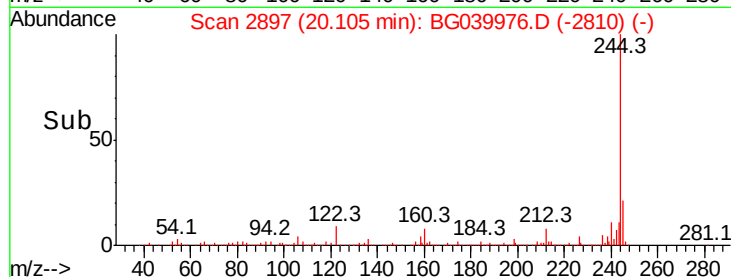
122 9.4 8.4 12.6



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: 25.16 min Scan# 3758

Delta R.T. -0.04 min

Lab File: BG039976.D

Acq: 18 Mar 2019 19:16

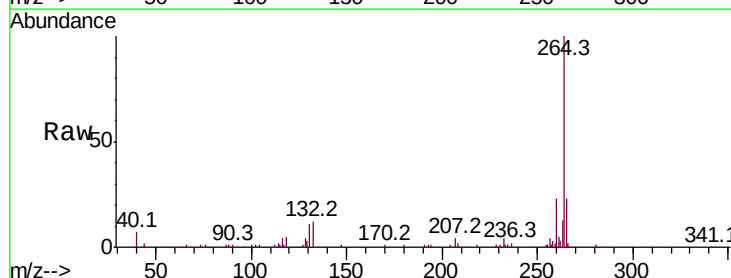
Tgt Ion:264 Resp: 256990

Ion Ratio Lower Upper

264 100

260 23.2 18.2 27.4

265 22.6 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

