

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022619\
 Data File : BG039618.D
 Acq On : 27 Feb 2019 3:19
 Operator : JU/SJ
 Sample : K1597-16
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-23

Quant Time: Feb 27 06:48:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	55197	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	230909	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	154199	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	401311	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	433994	20.00	ng	-0.03
87) Perylene-d12	25.20	264	431591	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	431365	133.75	ng	0.00
7) Phenol-d6	7.31	99	550247	115.91	ng	0.00
23) Nitrobenzene-d5	9.34	82	408268	110.46	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	266011	160.20	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	961535	89.45	ng	-0.02
79) Terphenyl-d14	20.12	244	1687169	82.29	ng	-0.03

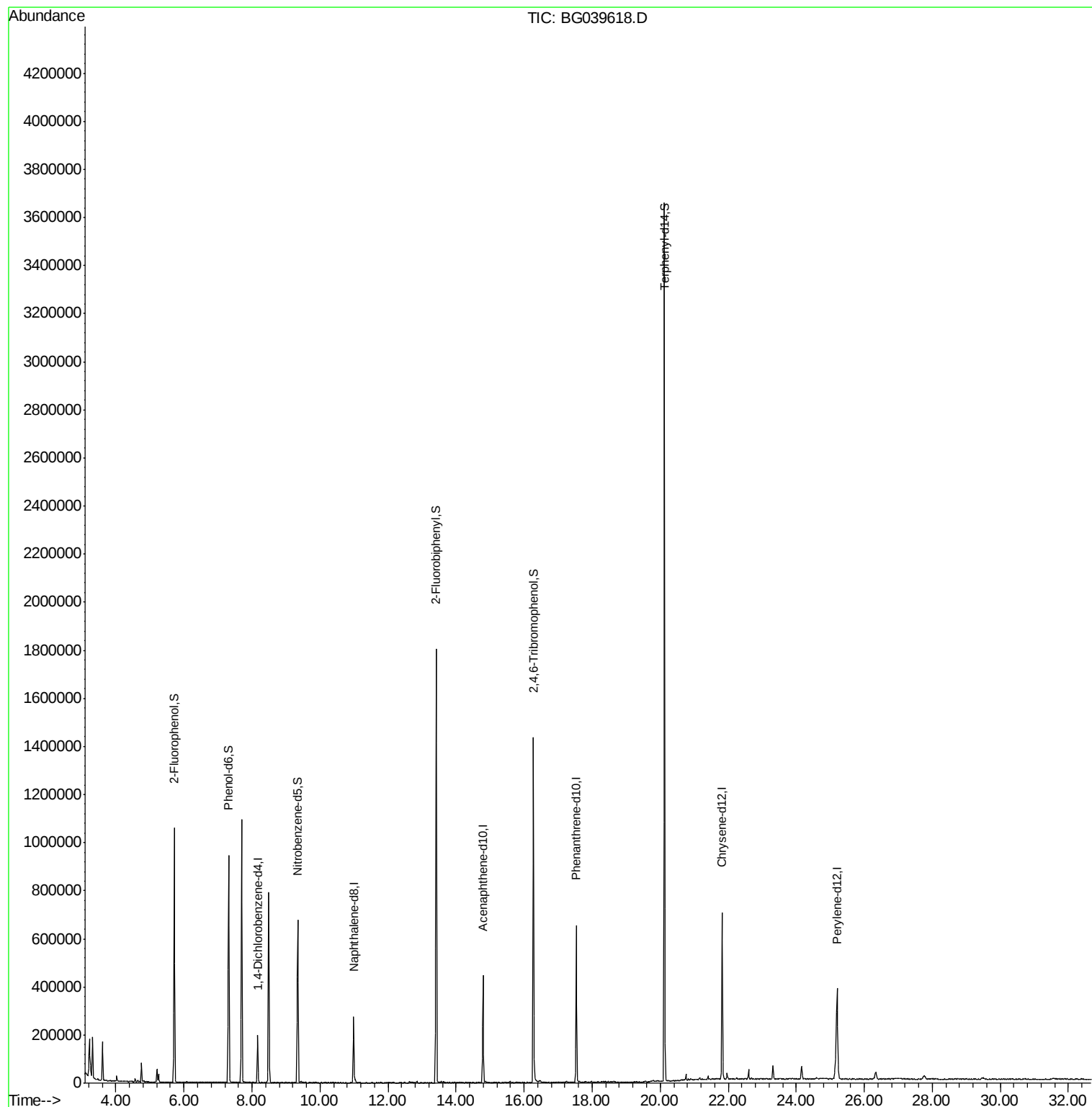
Target Compounds Qvalue

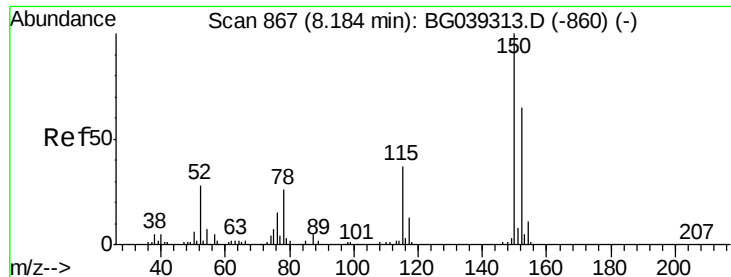
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.16 min Scan# 864

Delta R.T. -0.02 min

Lab File: BG039618.D

Acq: 27 Feb 2019 3:19

Instrument :

BNA_G

ClientSampleId :

TP-23

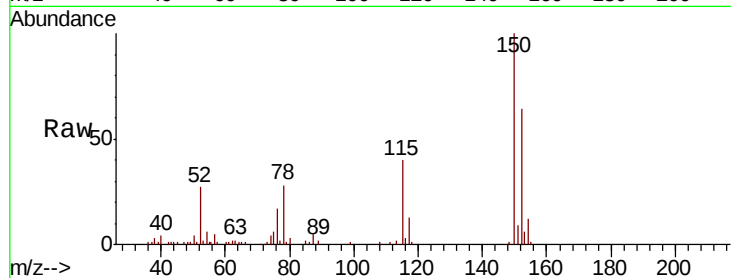
Tot Ion:152 Resp: 55197

Ion Ratio Lower Upper

152 100

150 155.5 123.7 185.5

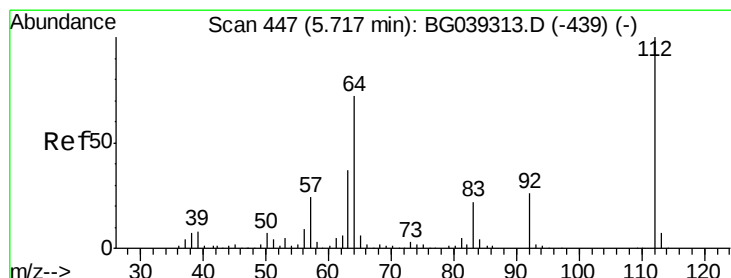
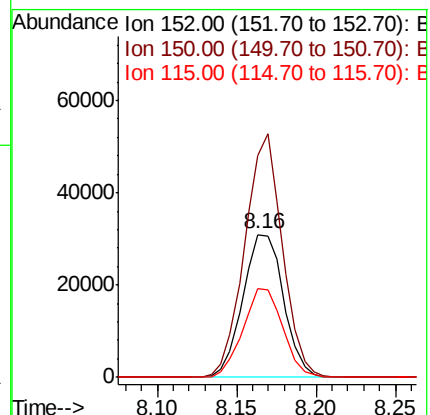
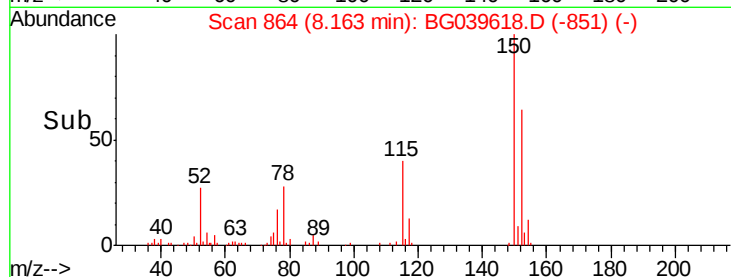
115 61.8 45.9 68.9



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: 133.755 ng

RT: 5.71 min Scan# 447

Delta R.T. -0.00 min

Lab File: BG039618.D

Acq: 27 Feb 2019 3:19

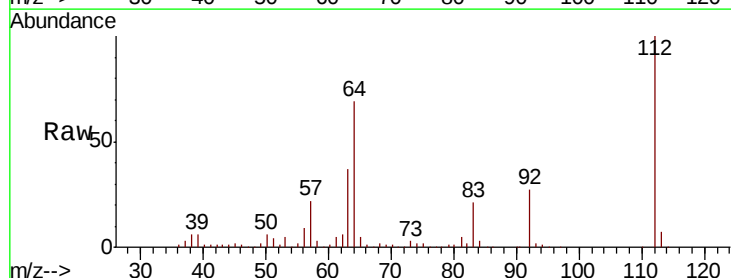
Tgt Ion:112 Resp: 431365

Ion Ratio Lower Upper

112 100

64 69.2 57.8 86.8

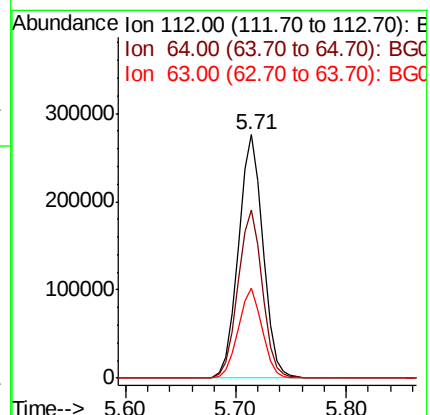
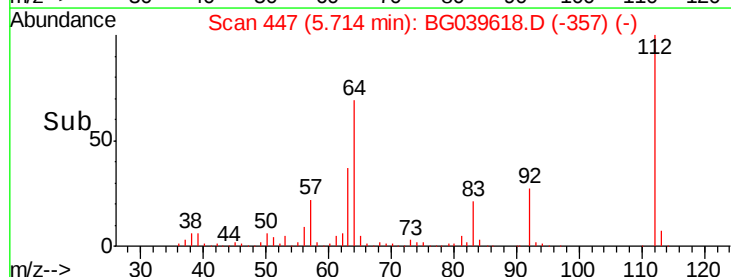
63 36.7 29.8 44.6

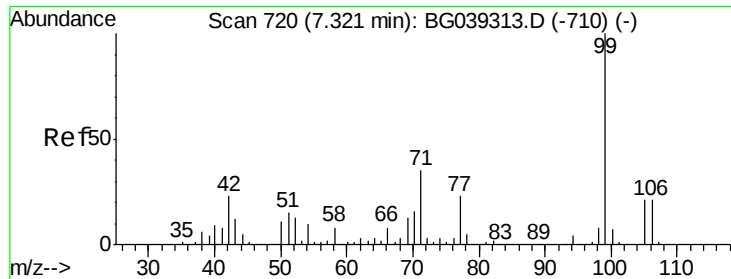


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 115.910 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039618.D

Acq: 27 Feb 2019 3:19

Instrument :

BNA_G

ClientSampleId :

TP-23

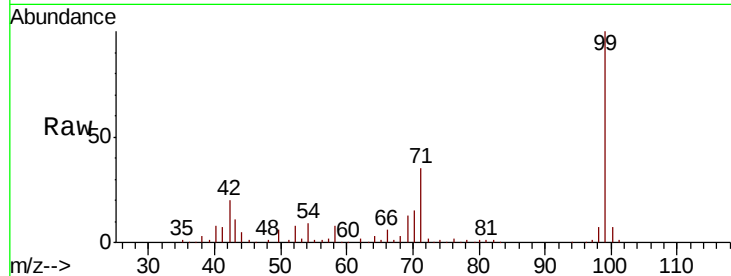
Tot Ion: 99 Resp: 550247

Ion Ratio Lower Upper

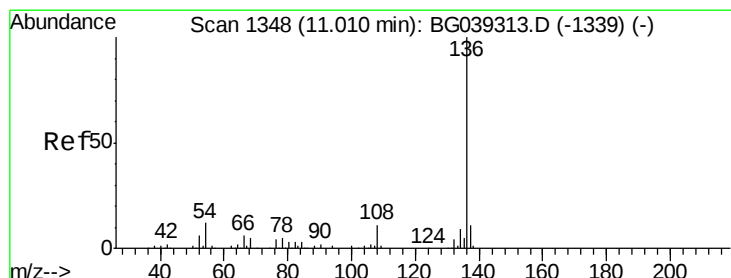
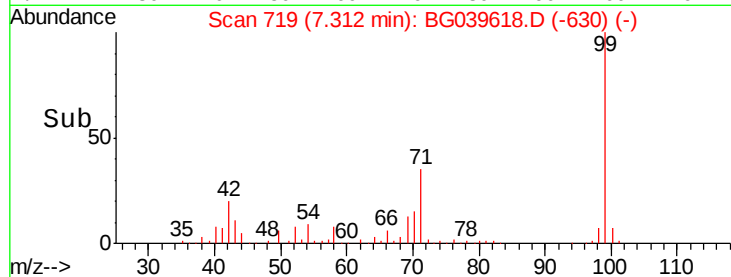
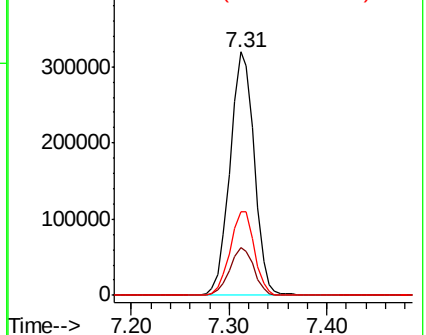
99 100

42 19.9 18.2 27.2

71 34.6 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: 10.99 min Scan# 1345

Delta R.T. -0.02 min

Lab File: BG039618.D

Acq: 27 Feb 2019 3:19

Tgt Ion: 136 Resp: 230909

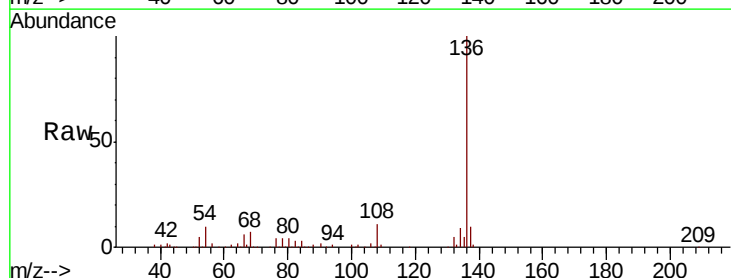
Ion Ratio Lower Upper

136 100

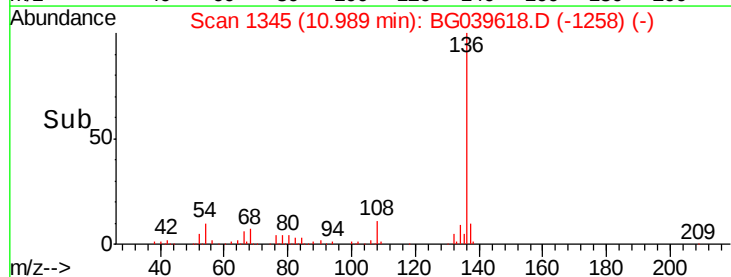
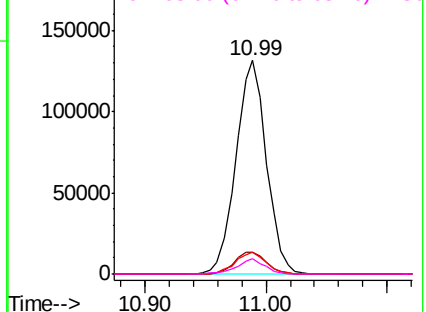
137 10.4 9.1 13.7

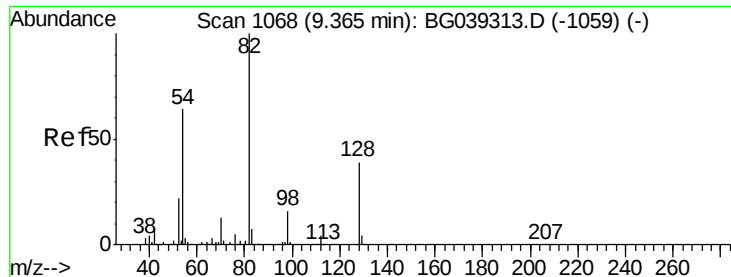
54 10.3 9.4 14.2

68 7.2 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: 110.455 ng

RT: 9.34 min Scan# 1065

Delta R.T. -0.02 min

Lab File: BG039618.D

Acq: 27 Feb 2019 3:19

Instrument :

BNA_G

ClientSampled :

TP-23

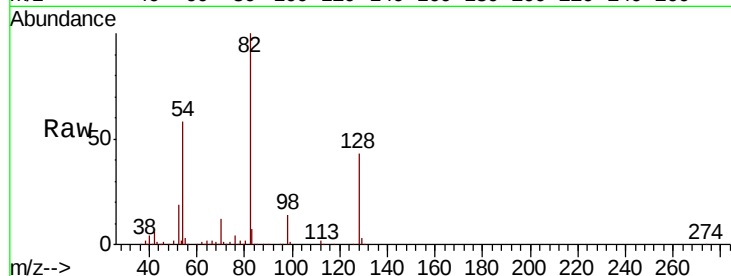
Tot Ion: 82 Resp: 408268

Ion Ratio Lower Upper

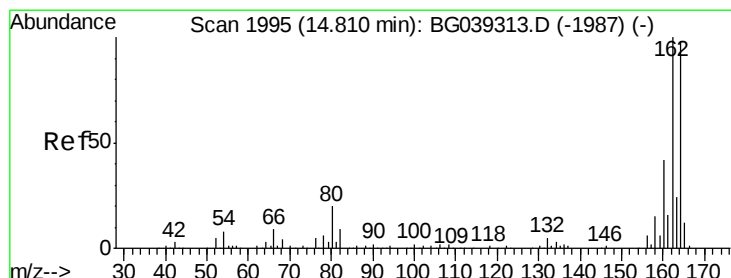
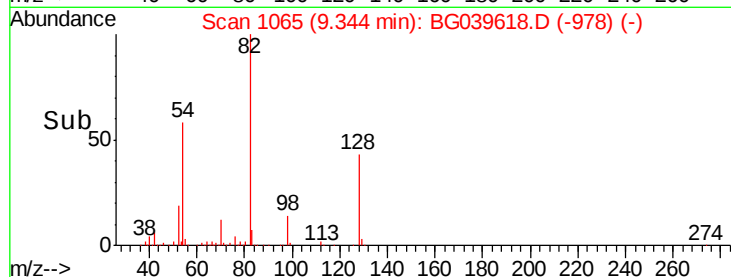
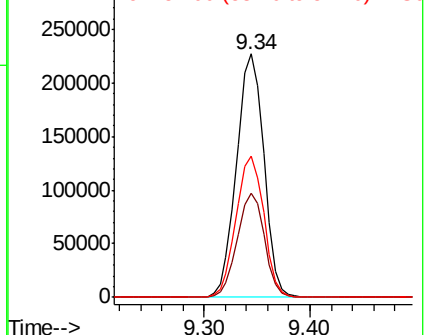
82 100

128 42.7 31.3 46.9

54 57.7 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: 14.79 min Scan# 1992

Delta R.T. -0.02 min

Lab File: BG039618.D

Acq: 27 Feb 2019 3:19

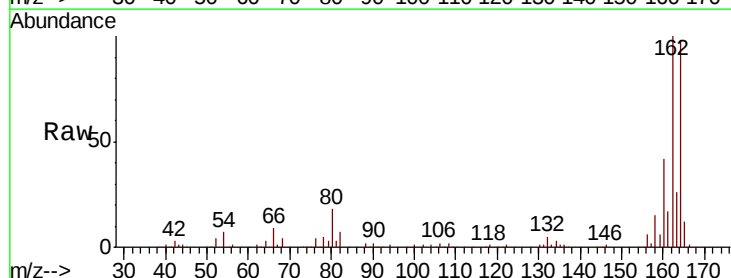
Tgt Ion: 164 Resp: 154199

Ion Ratio Lower Upper

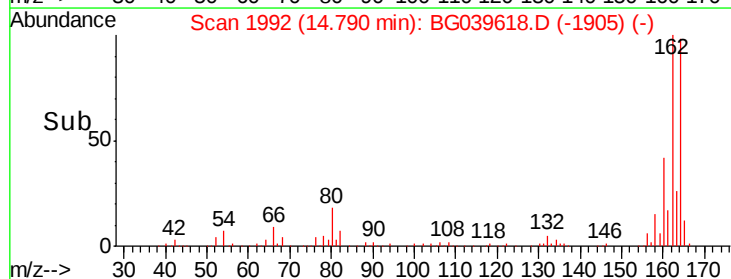
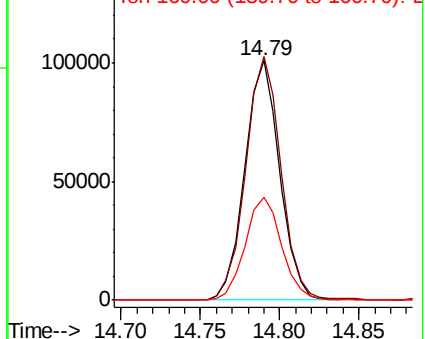
164 100

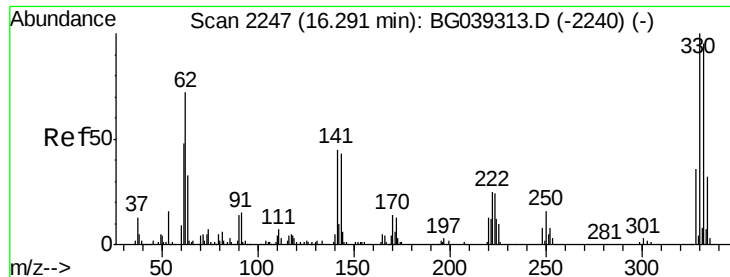
162 101.6 81.6 122.4

160 43.2 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: 160.203 ng

RT: 16.28 min Scan# 2245

Delta R.T. -0.01 min

Lab File: BG039618.D

Acq: 27 Feb 2019 3:19

Instrument :

BNA_G

ClientSampled :

TP-23

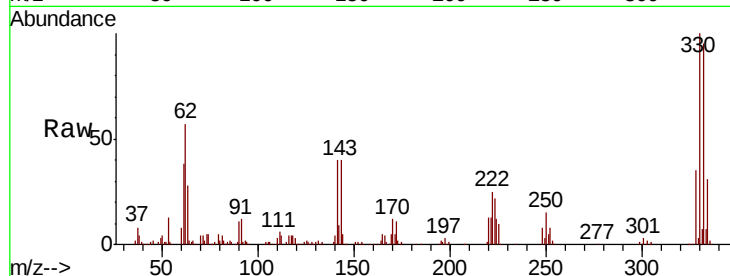
Tot Ion:330 Resp: 266011

Ion Ratio Lower Upper

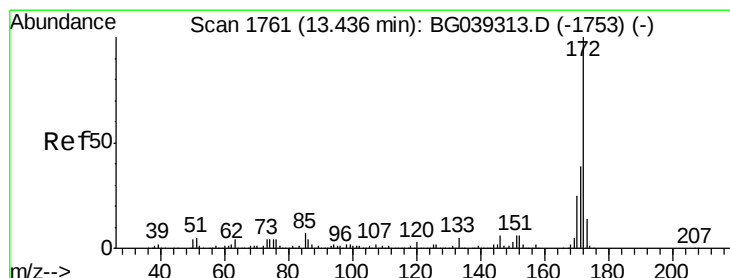
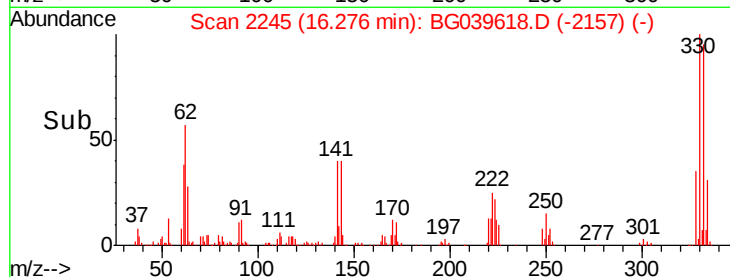
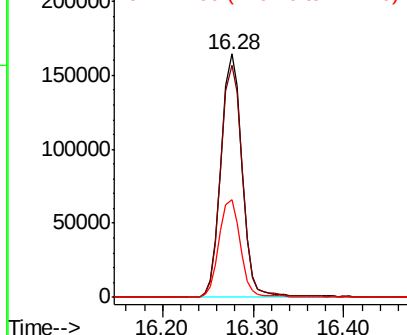
330 100

332 97.8 75.7 113.5

141 40.3 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: 89.454 ng

RT: 13.42 min Scan# 1758

Delta R.T. -0.02 min

Lab File: BG039618.D

Acq: 27 Feb 2019 3:19

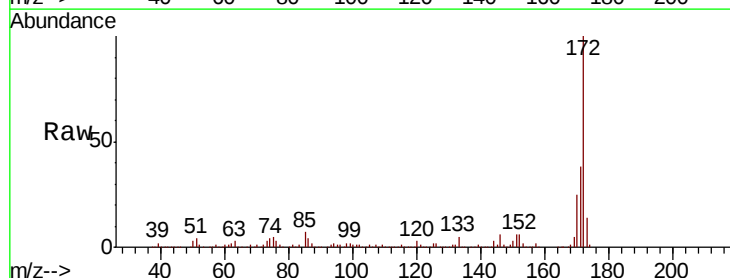
Tgt Ion:172 Resp: 961535

Ion Ratio Lower Upper

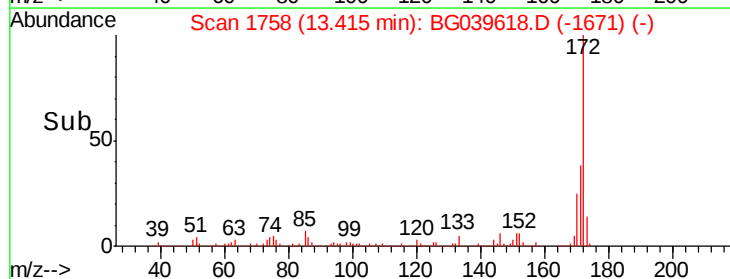
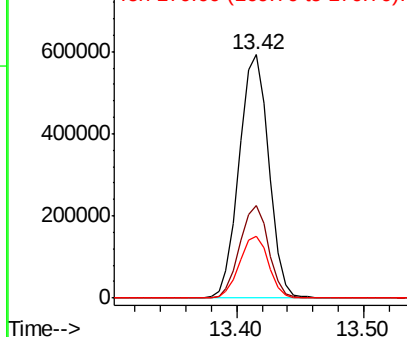
172 100

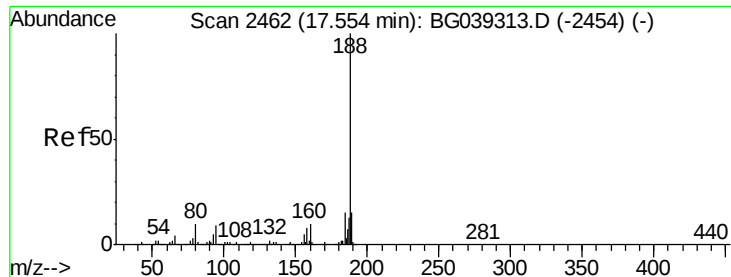
171 38.2 30.8 46.2

170 25.4 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# 2459

Delta R.T. -0.02 min

Lab File: BG039618.D

Acq: 27 Feb 2019 3:19

Instrument :

BNA_G

ClientSampleId :

TP-23

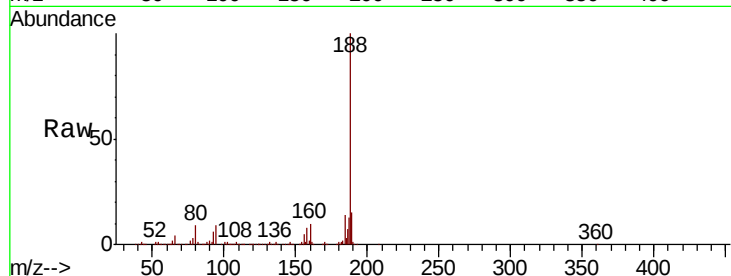
Tot Ion:188 Resp: 401311

Ion Ratio Lower Upper

188 100

94 9.0 6.9 10.3

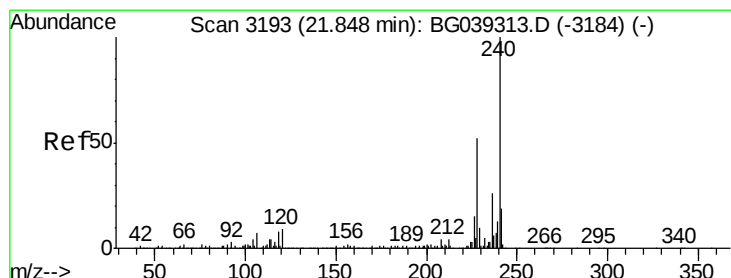
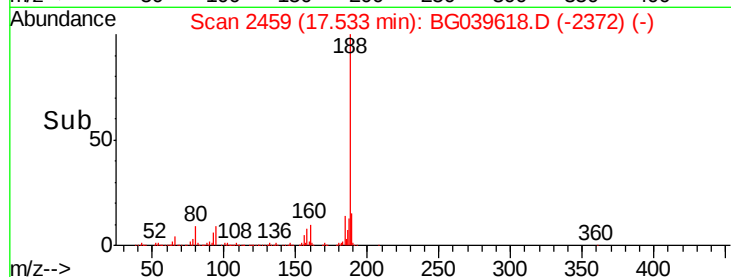
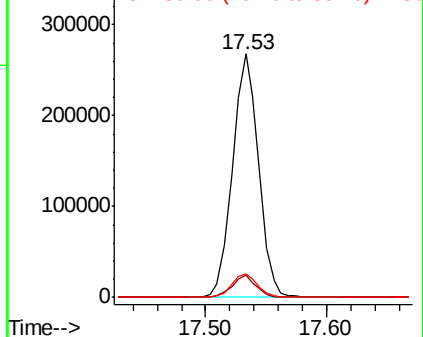
80 9.4 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.82 min Scan# 3189

Delta R.T. -0.03 min

Lab File: BG039618.D

Acq: 27 Feb 2019 3:19

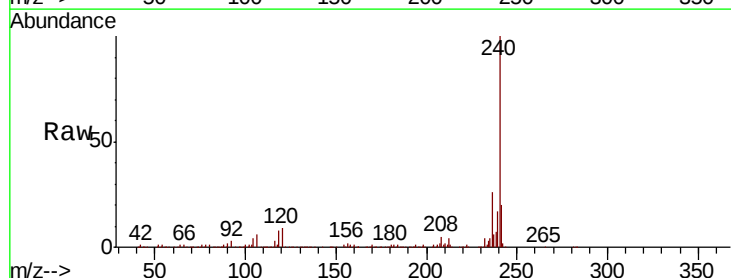
Tgt Ion:240 Resp: 433994

Ion Ratio Lower Upper

240 100

120 9.1 7.0 10.6

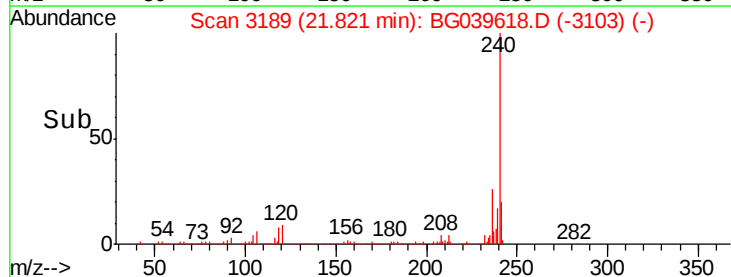
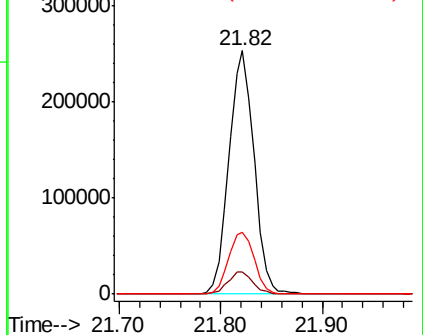
236 25.7 21.0 31.4

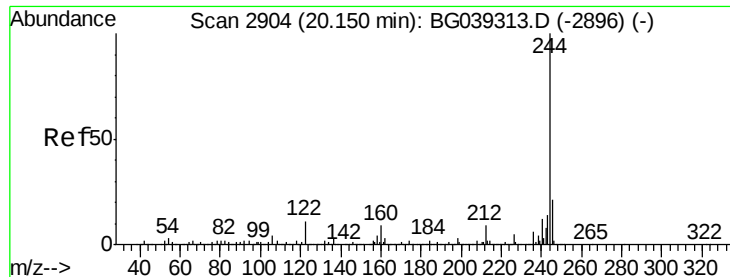


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 82.287 ng

RT: 20.12 min Scan# 2900

Delta R.T. -0.03 min

Lab File: BG039618.D

Acq: 27 Feb 2019 3:19

Instrument :

BNA_G

ClientSampleId :

TP-23

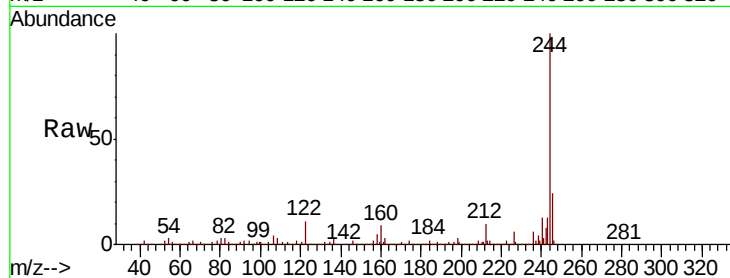
Tot Ion:244 Resp: 1687169

Ion Ratio Lower Upper

244 100

212 9.8 7.3 10.9

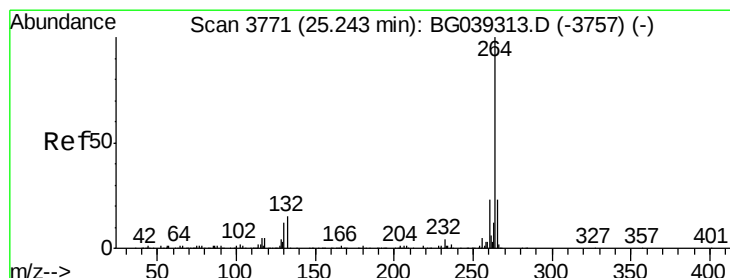
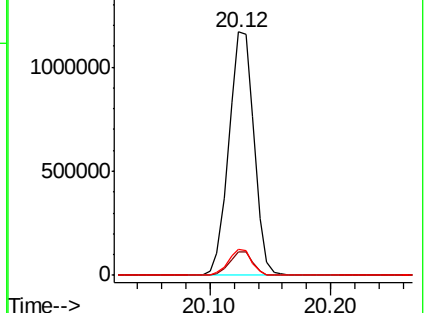
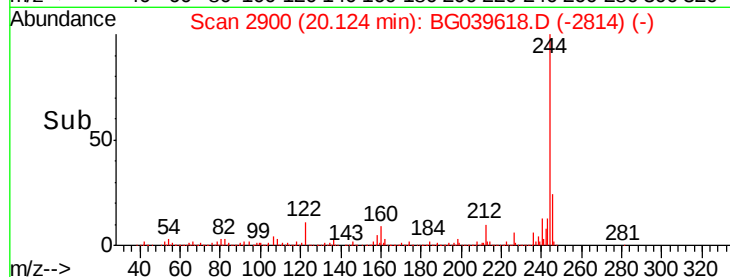
122 10.9 8.4 12.6



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: 25.20 min Scan# 3764

Delta R.T. -0.04 min

Lab File: BG039618.D

Acq: 27 Feb 2019 3:19

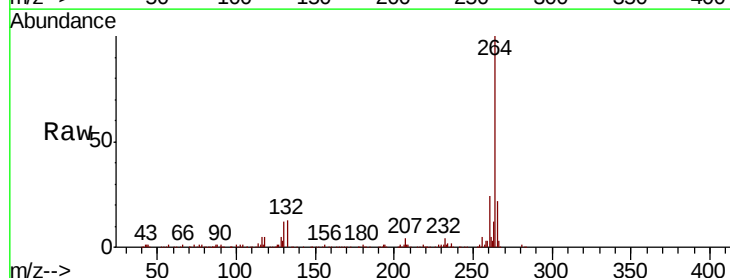
Tgt Ion:264 Resp: 431591

Ion Ratio Lower Upper

264 100

260 23.8 18.2 27.4

265 21.7 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

