

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022119\
 Data File : BG039580.D
 Acq On : 21 Feb 2019 20:46
 Operator : JU/SJ
 Sample : K1344-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NB-07-022019-B

Quant Time: Feb 22 00:40:19 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	8.17	152	48461	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	217438	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	148607	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	363878	20.00	ng	-0.02
76) Chrysene-d12	21.83	240	369840	20.00	ng	-0.02
87) Perylene-d12	25.21	264	299619	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	379338	133.97	ng	0.00
7) Phenol-d6	7.32	99	489314	117.40	ng	0.00
23) Nitrobenzene-d5	9.34	82	376863	108.28	ng	-0.02
42) 2,4,6-Tribromophenol	16.27	330	178395	111.48	ng	-0.02
45) 2-Fluorobiphenyl	13.41	172	890125	85.93	ng	-0.02
79) Terphenyl-d14	20.13	244	1490510	85.31	ng	-0.02

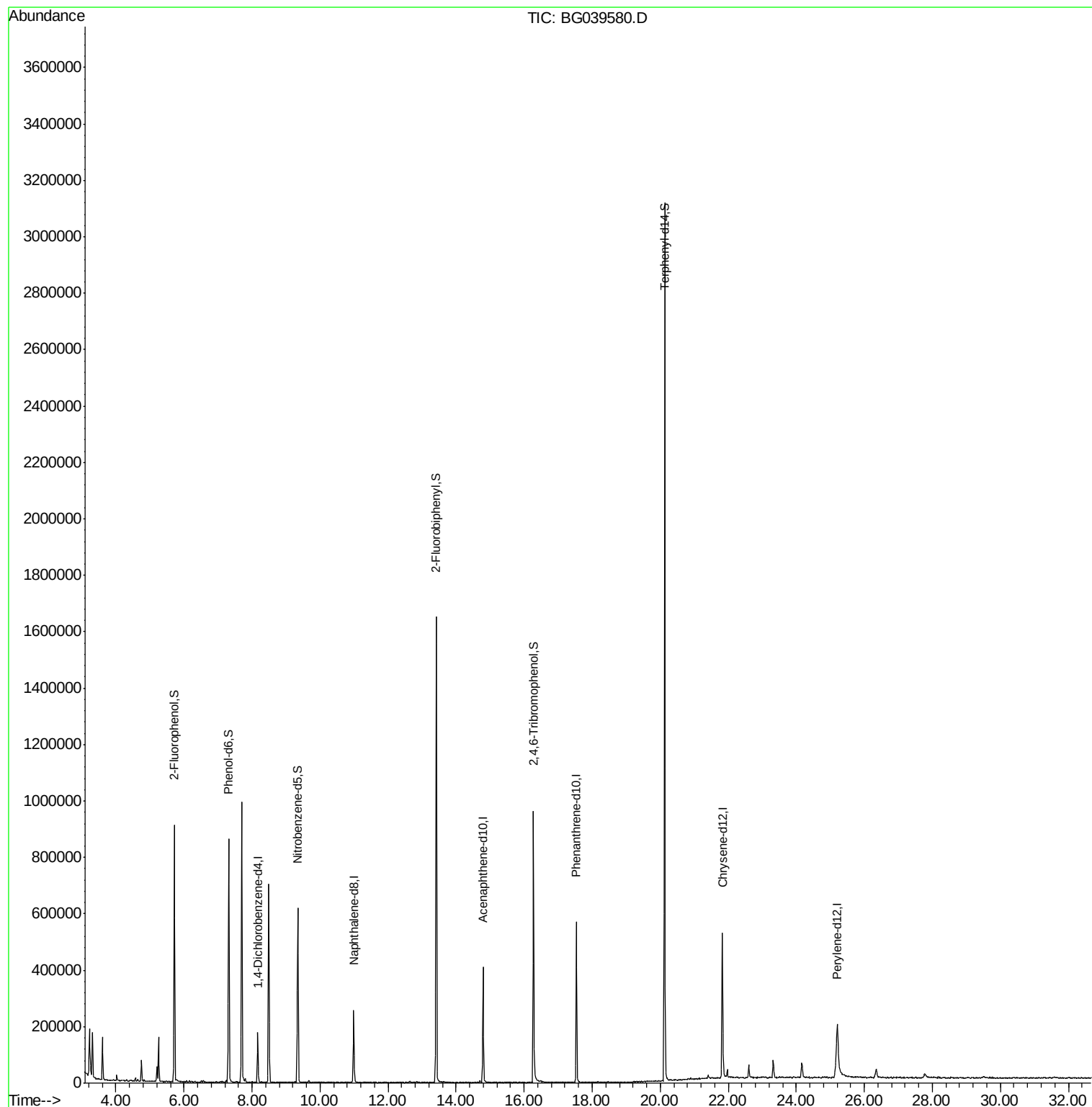
Target Compounds Qvalue

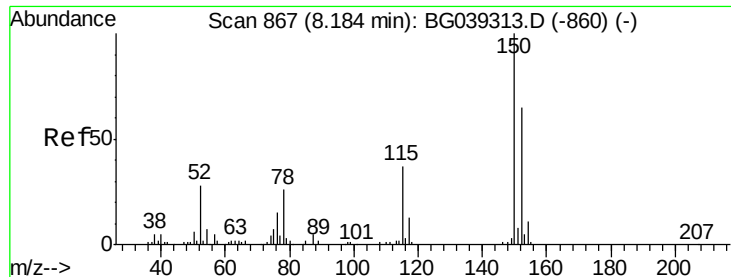
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022119\
Data File : BG039580.D
Acq On : 21 Feb 2019 20:46
Operator : JU/SJ
Sample : K1344-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NB-07-022019-B

Quant Time: Feb 22 00:40:19 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.17 min Scan# 865

Delta R.T. -0.02 min

Lab File: BG039580.D

Acq: 21 Feb 2019 20:46

Instrument :

BNA_G

ClientSampleId :

NB-07-022019-B

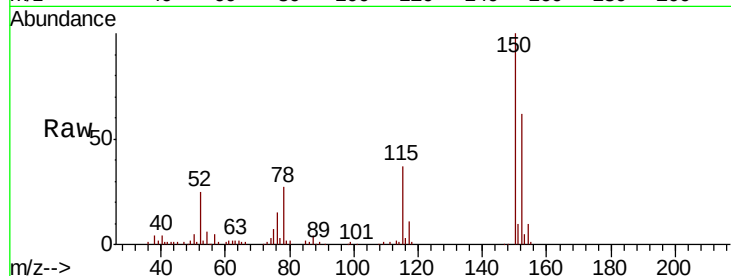
Tot Ion:152 Resp: 48461

Ion Ratio Lower Upper

152 100

150 161.0 123.7 185.5

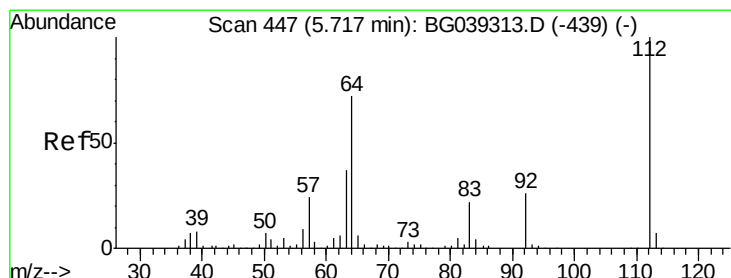
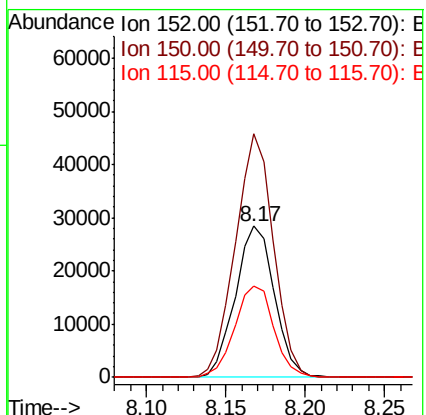
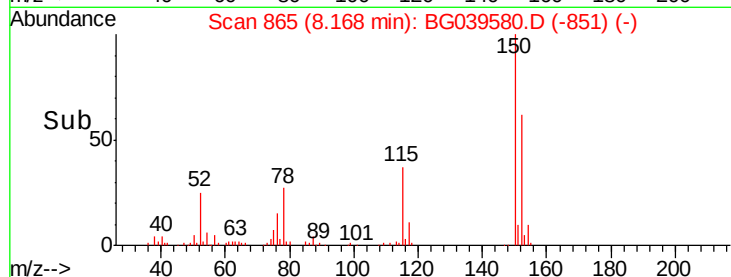
115 60.0 45.9 68.9



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: 133.972 ng

RT: 5.71 min Scan# 447

Delta R.T. -0.00 min

Lab File: BG039580.D

Acq: 21 Feb 2019 20:46

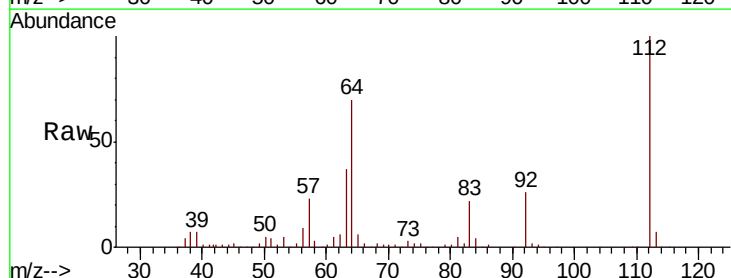
Tgt Ion:112 Resp: 379338

Ion Ratio Lower Upper

112 100

64 69.5 57.8 86.8

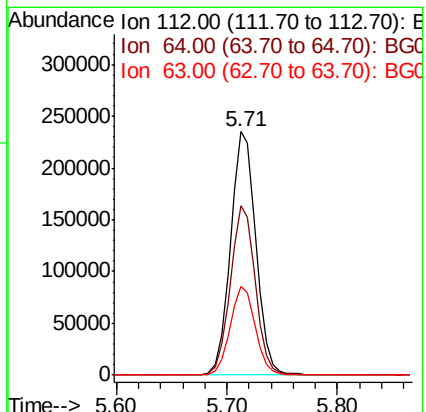
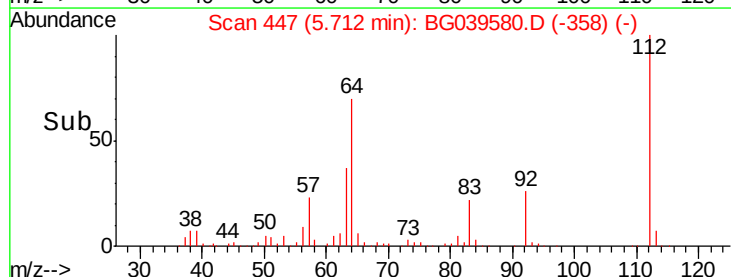
63 36.6 29.8 44.6

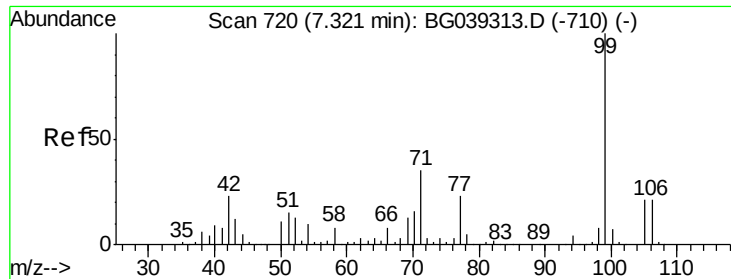


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 117.402 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039580.D

Acq: 21 Feb 2019 20:46

Instrument :

BNA_G

ClientSampleId :

NB-07-022019-B

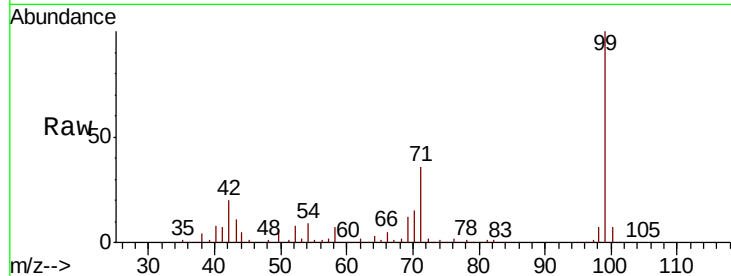
Tot Ion: 99 Resp: 489314

Ion Ratio Lower Upper

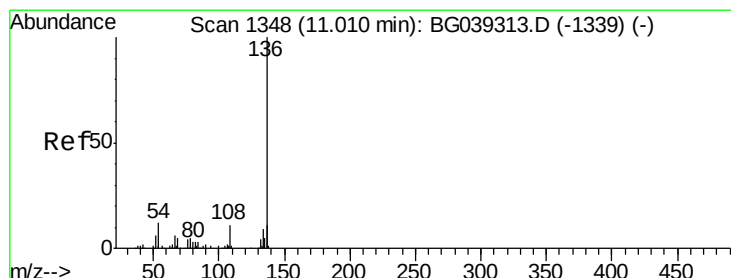
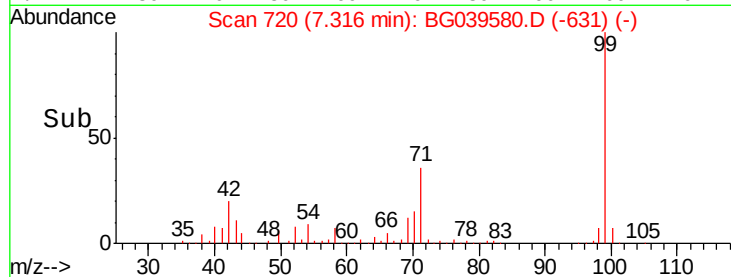
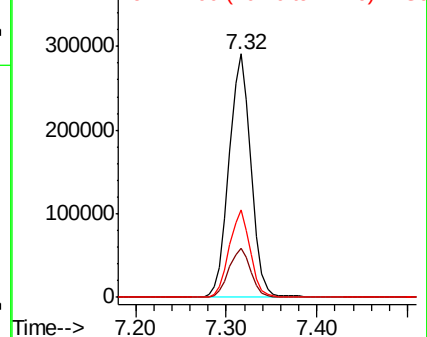
99 100

42 20.1 18.2 27.2

71 36.0 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: BG039580.D

Acq: 21 Feb 2019 20:46

Tgt Ion: 136 Resp: 217438

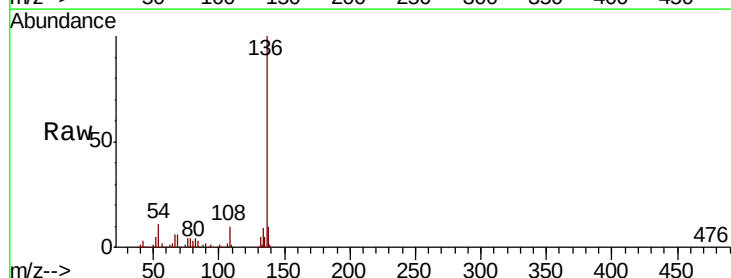
Ion Ratio Lower Upper

136 100

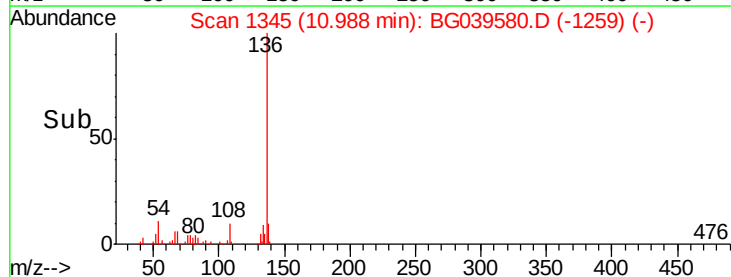
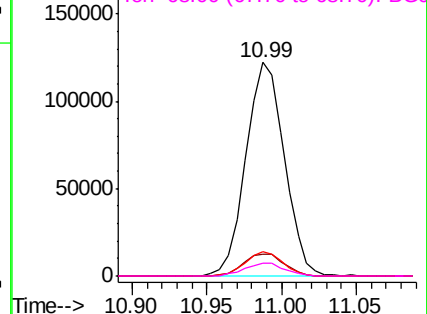
137 10.0 9.1 13.7

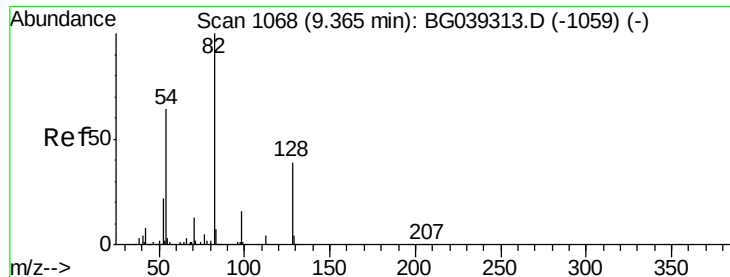
54 11.4 9.4 14.2

68 6.1 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: 108.276 ng

RT: 9.34 min Scan# 1065

Delta R.T. -0.02 min

Lab File: BG039580.D

Acq: 21 Feb 2019 20:46

Instrument :

BNA_G

ClientSampleId :

NB-07-022019-B

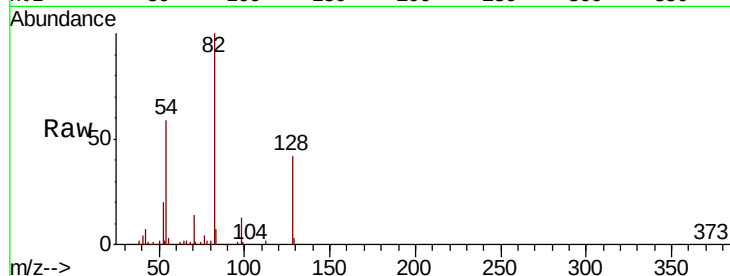
Tot Ion: 82 Resp: 376863

Ion Ratio Lower Upper

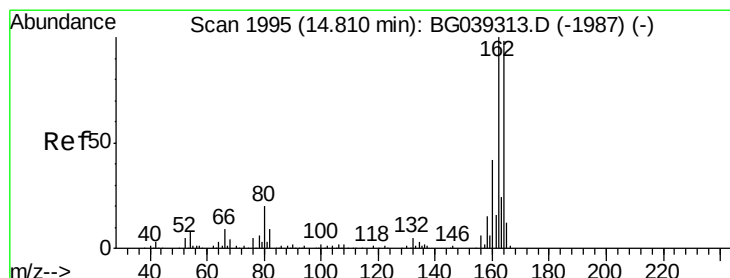
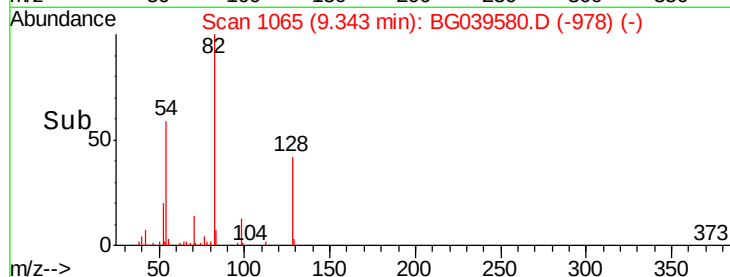
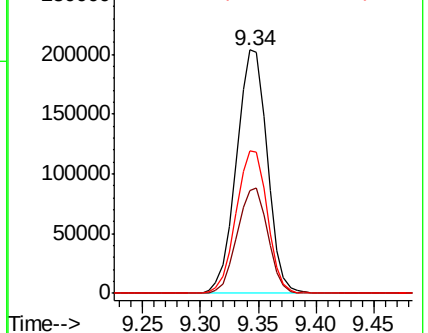
82 100

128 42.4 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: 14.79 min Scan# 1992

Delta R.T. -0.02 min

Lab File: BG039580.D

Acq: 21 Feb 2019 20:46

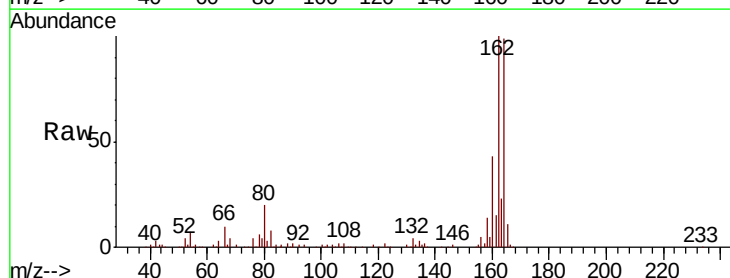
Tgt Ion:164 Resp: 148607

Ion Ratio Lower Upper

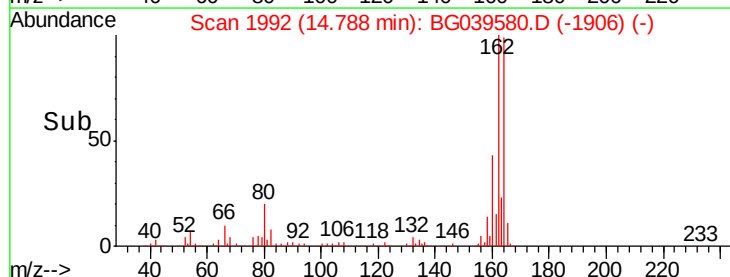
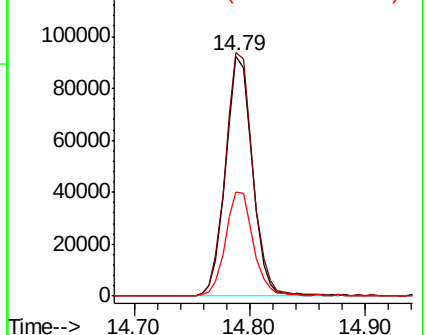
164 100

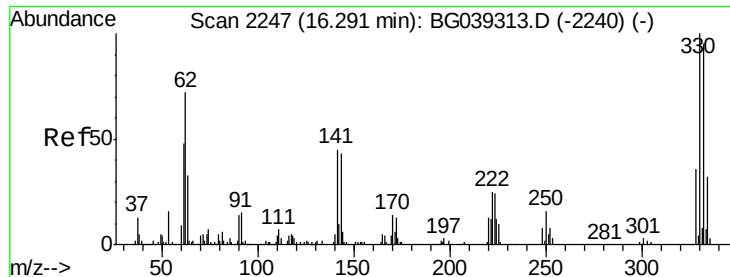
162 101.4 81.6 122.4

160 43.6 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: 111.480 ng

RT: 16.27 min Scan# 2245

Delta R.T. -0.02 min

Lab File: BG039580.D

Acq: 21 Feb 2019 20:46

Instrument :

BNA_G

ClientSampleId :

NB-07-022019-B

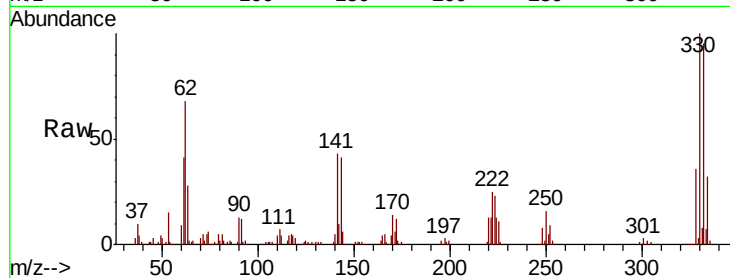
Tot Ion:330 Resp: 178395

Ion Ratio Lower Upper

330 100

332 95.1 75.7 113.5

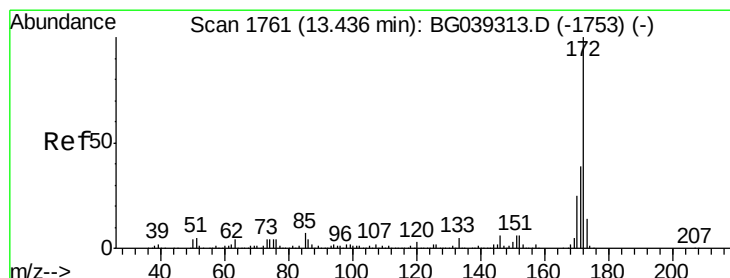
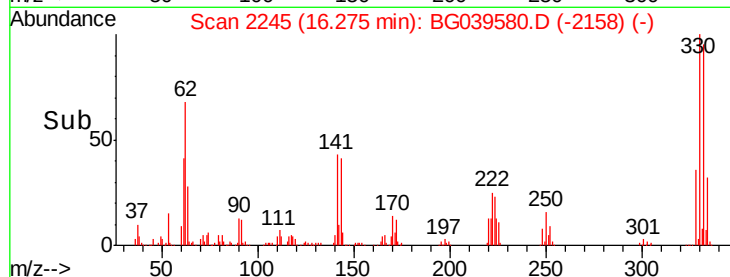
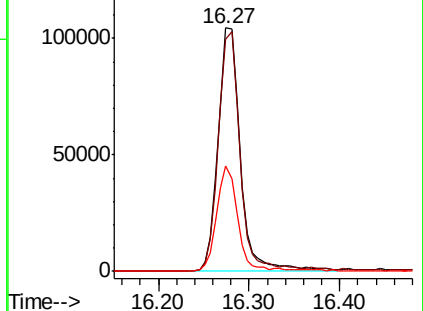
141 40.9 35.6 53.4



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: 85.927 ng

RT: 13.41 min Scan# 1758

Delta R.T. -0.02 min

Lab File: BG039580.D

Acq: 21 Feb 2019 20:46

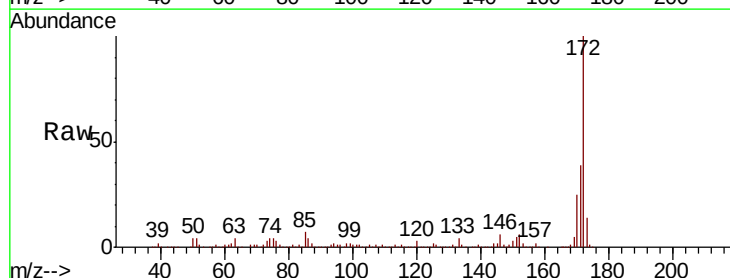
Tgt Ion:172 Resp: 890125

Ion Ratio Lower Upper

172 100

171 38.7 30.8 46.2

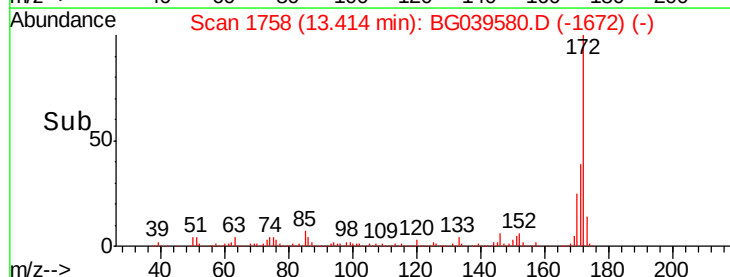
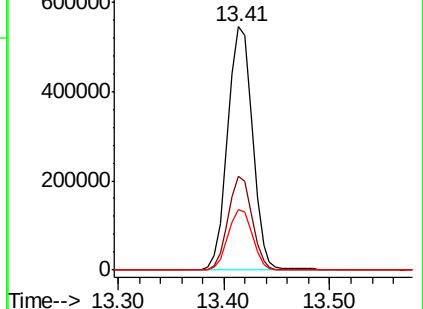
170 24.9 20.2 30.4

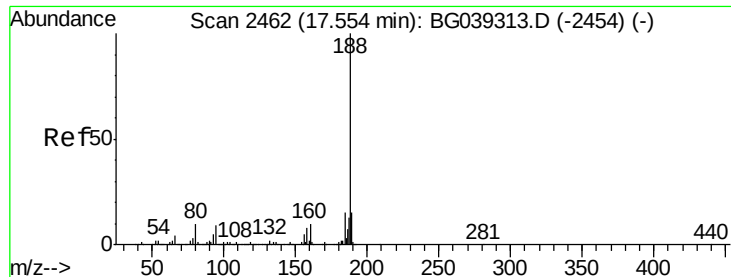


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.54 min Scan# 2460

Delta R.T. -0.02 min

Lab File: BG039580.D

Acq: 21 Feb 2019 20:46

Instrument :

BNA_G

ClientSampleId :

NB-07-022019-B

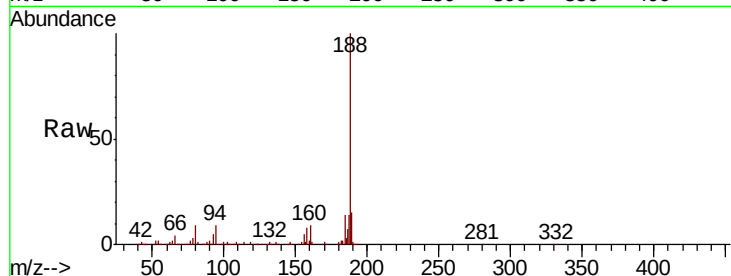
Tot Ion:188 Resp: 363878

Ion Ratio Lower Upper

188 100

94 8.8 6.9 10.3

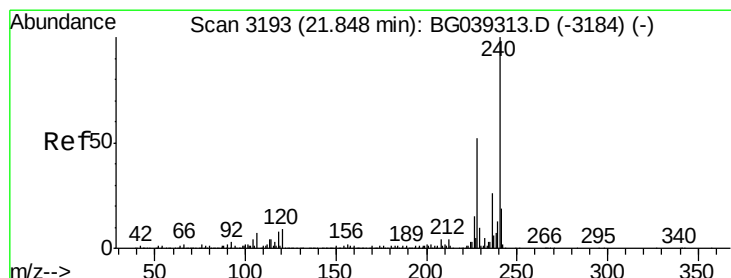
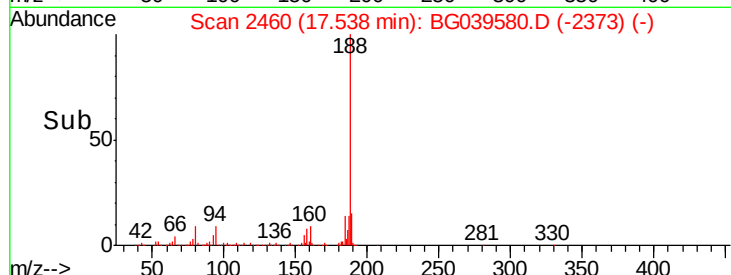
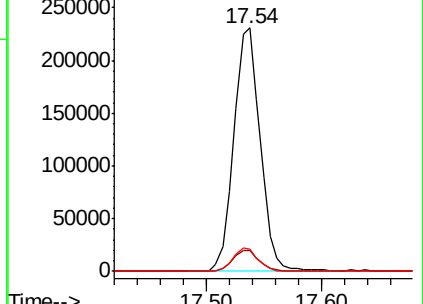
80 9.0 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.83 min Scan# 3190

Delta R.T. -0.02 min

Lab File: BG039580.D

Acq: 21 Feb 2019 20:46

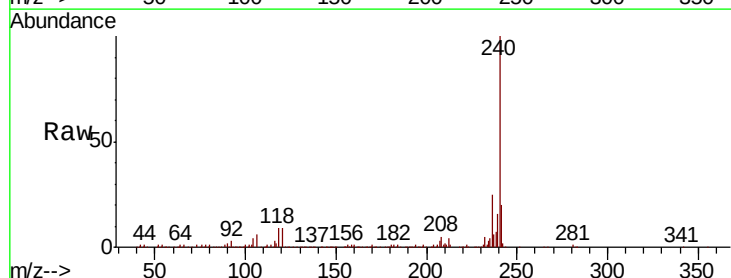
Tgt Ion:240 Resp: 369840

Ion Ratio Lower Upper

240 100

120 9.1 7.0 10.6

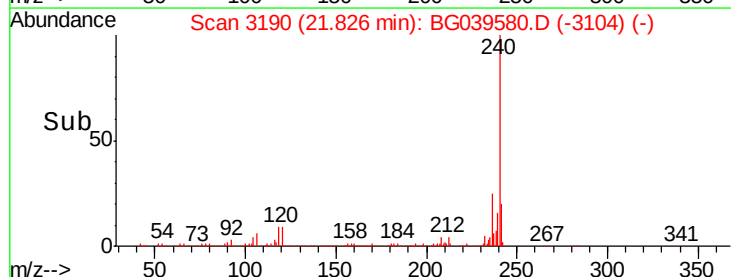
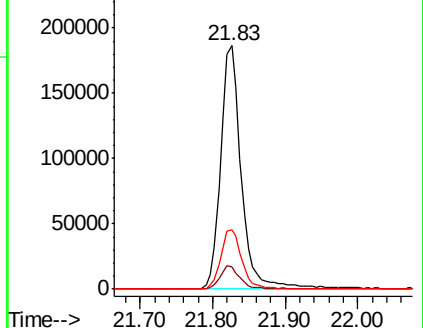
236 24.6 21.0 31.4

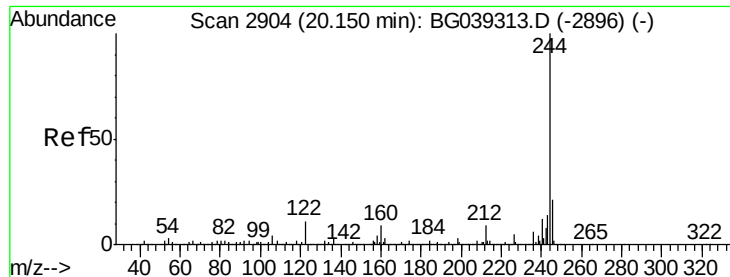


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 85.306 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BG039580.D

Acq: 21 Feb 2019 20:46

Instrument :

BNA_G

ClientSampleId :

NB-07-022019-B

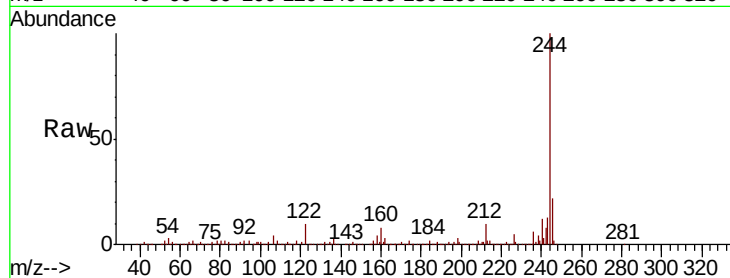
Tot Ion:244 Resp: 1490510

Ion Ratio Lower Upper

244 100

212 9.5 7.3 10.9

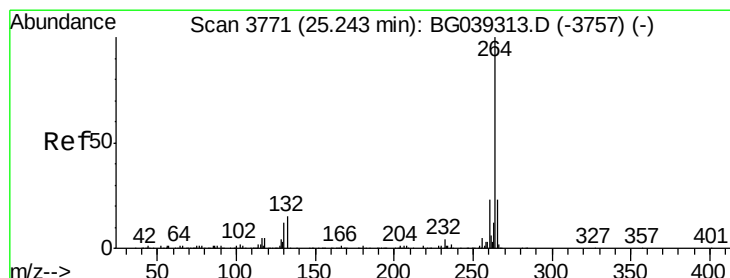
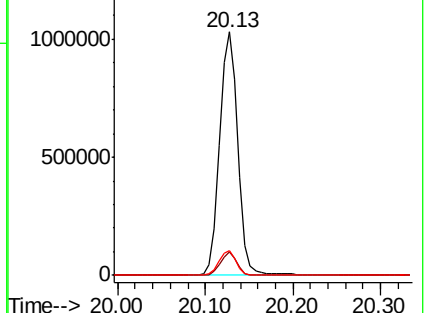
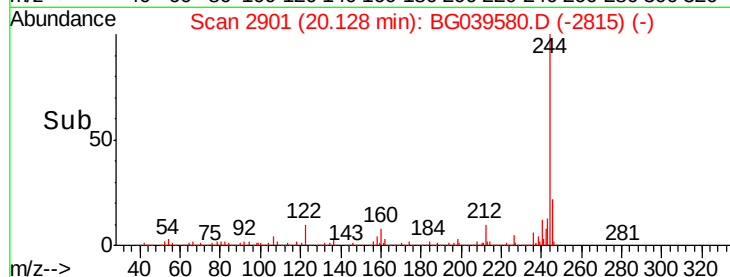
122 10.0 8.4 12.6



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: 25.21 min Scan# 3766

Delta R.T. -0.03 min

Lab File: BG039580.D

Acq: 21 Feb 2019 20:46

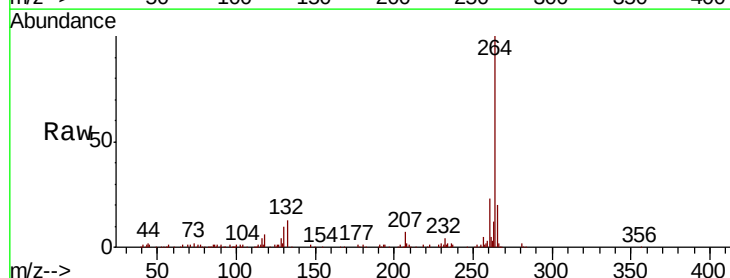
Tgt Ion:264 Resp: 299619

Ion Ratio Lower Upper

264 100

260 22.7 18.2 27.4

265 20.3 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

