

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022819\
 Data File : BG039678.D
 Acq On : 1 Mar 2019 3:36
 Operator : JU/SJ
 Sample : K1340-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-022719

Quant Time: Mar 01 07:07:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 06:15:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	64072	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	278171	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	187427	20.00	ng	0.00
64) Phenanthrene-d10	17.54	188	452131	20.00	ng	0.00
76) Chrysene-d12	21.82	240	465026	20.00	ng	0.00
87) Perylene-d12	25.20	264	456636	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	528616	141.21	ng	0.00
7) Phenol-d6	7.31	99	701862	127.37	ng	0.00
23) Nitrobenzene-d5	9.35	82	490486	110.15	ng	0.00
42) 2,4,6-Tribromophenol	16.28	330	301505	149.39	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	1163085	89.02	ng	0.00
79) Terphenyl-d14	20.13	244	1775726	80.83	ng	0.00

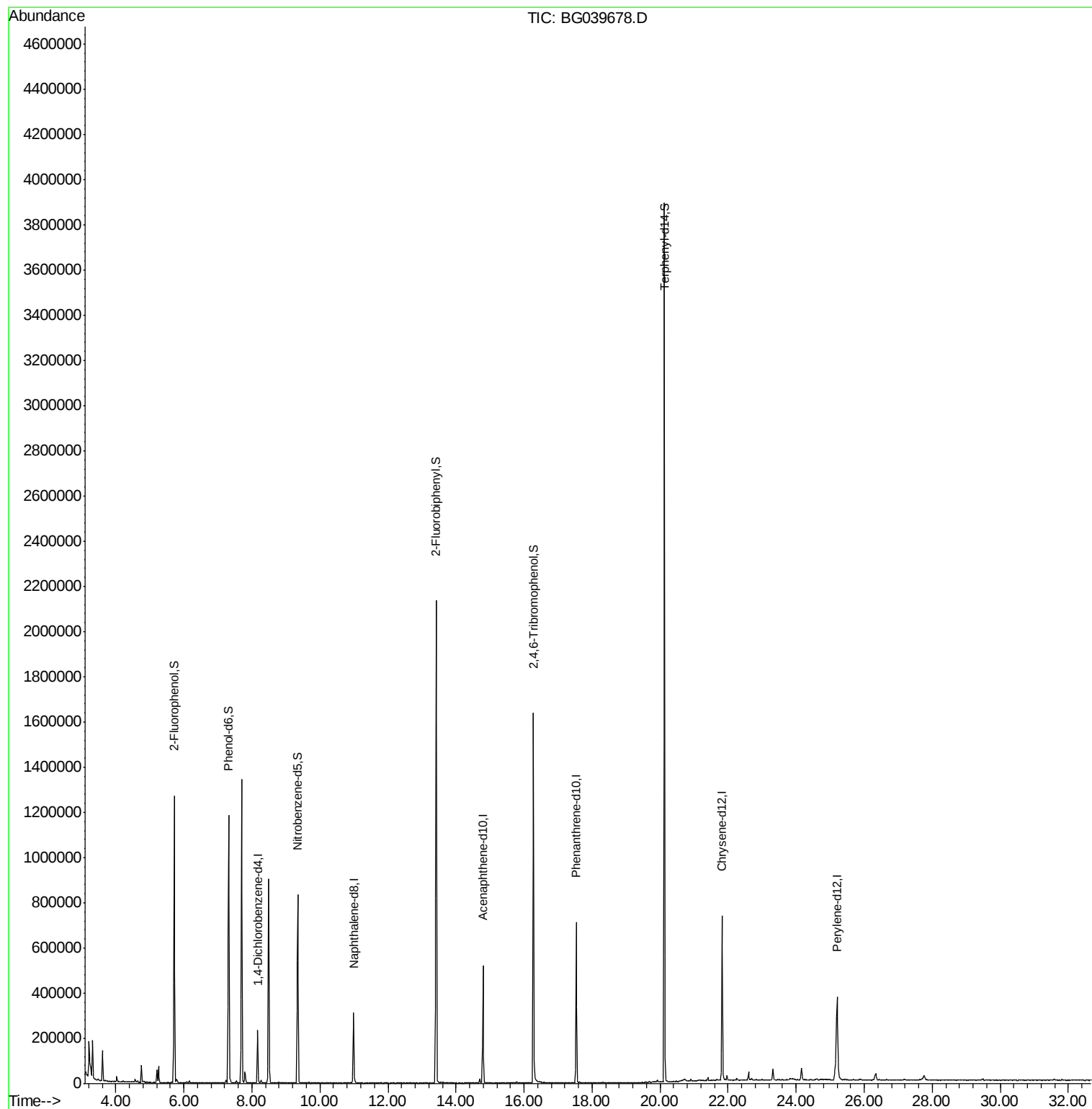
Target Compounds Qvalue

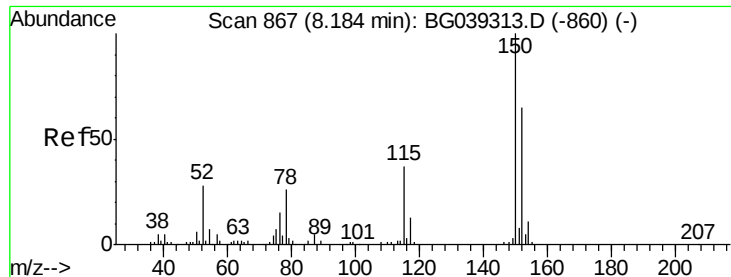
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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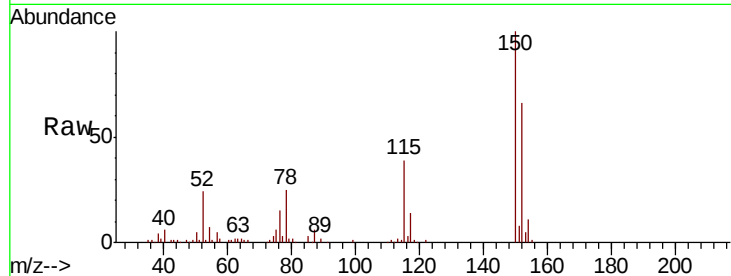


#1

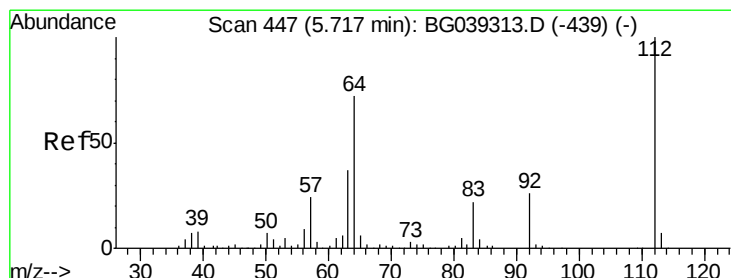
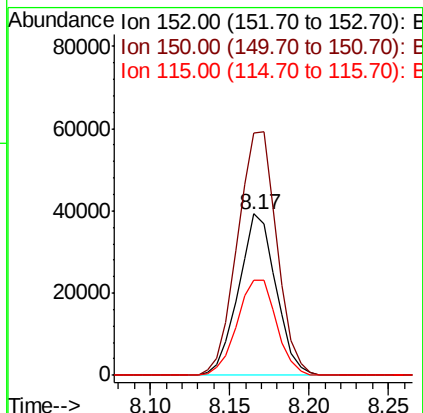
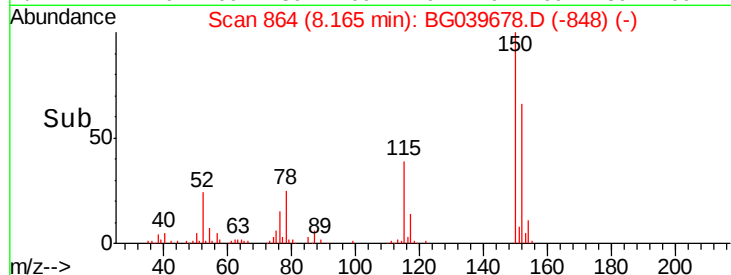
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: BG039678.D
Acq: 1 Mar 2019 3:36

Instrument :
BNA_G
ClientSampleId :
BU-03-022719

Tot Ion:152 Resp: 64072
Ion Ratio Lower Upper
152 100
150 150.6 123.7 185.5
115 58.7 45.9 68.9



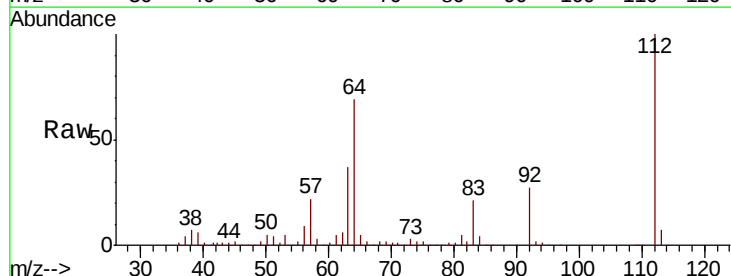
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



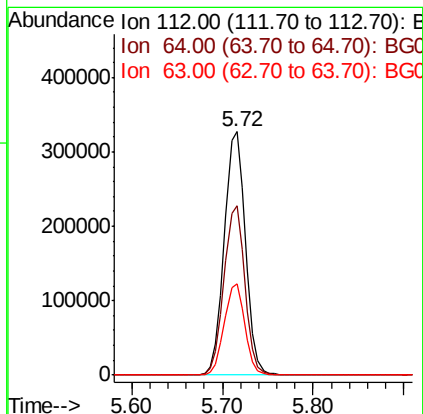
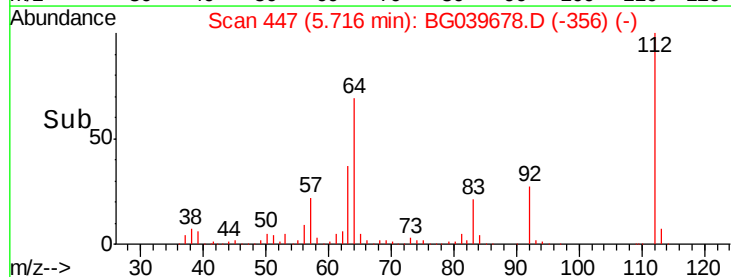
#5

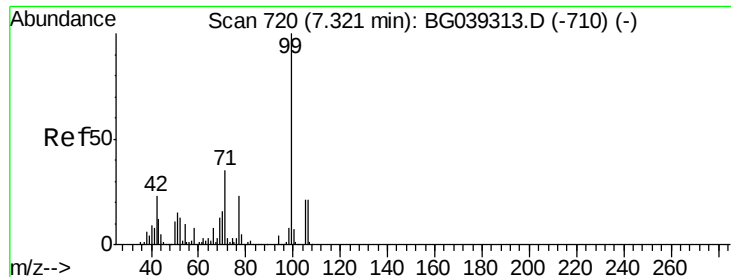
2-Fluorophenol
Concen: 141.205 ng
RT: 5.72 min Scan# 447
Delta R.T. 0.01 min
Lab File: BG039678.D
Acq: 1 Mar 2019 3:36

Tgt Ion:112 Resp: 528616
Ion Ratio Lower Upper
112 100
64 69.4 57.8 86.8
63 37.4 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: 127.369 ng

RT: 7.31 min Scan# 719

Delta R.T. 0.00 min

Lab File: BG039678.D

Acq: 1 Mar 2019 3:36

Instrument :

BNA_G

ClientSampleId :

BU-03-022719

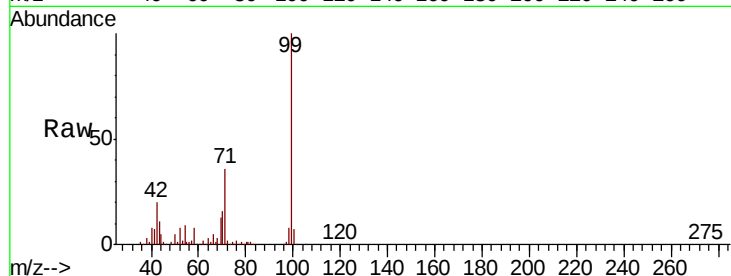
Tot Ion: 99 Resp: 701862

Ion Ratio Lower Upper

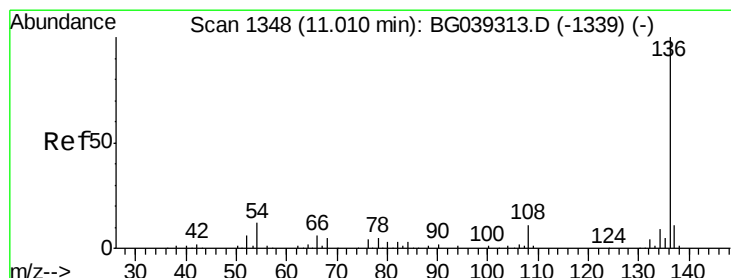
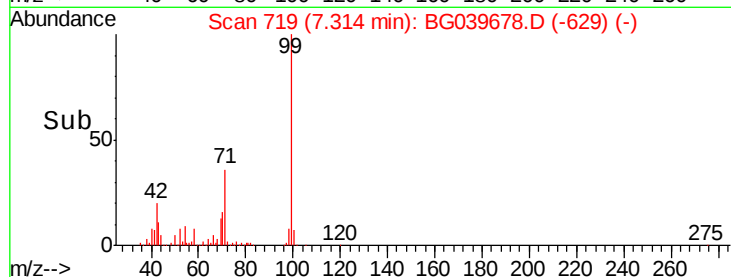
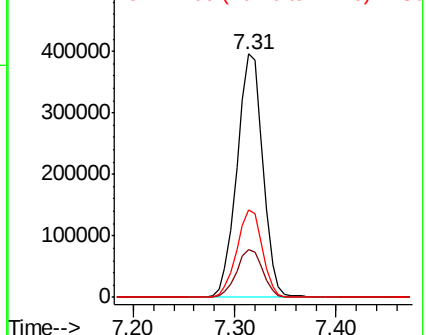
99 100

42 19.6 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# 1344

Delta R.T. -0.00 min

Lab File: BG039678.D

Acq: 1 Mar 2019 3:36

Tgt Ion: 136 Resp: 278171

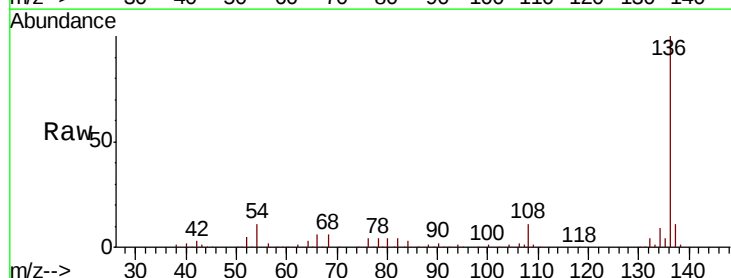
Ion Ratio Lower Upper

136 100

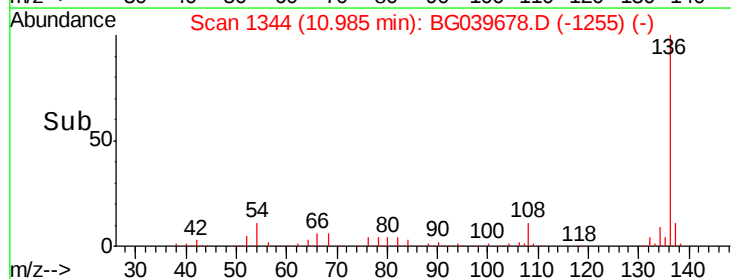
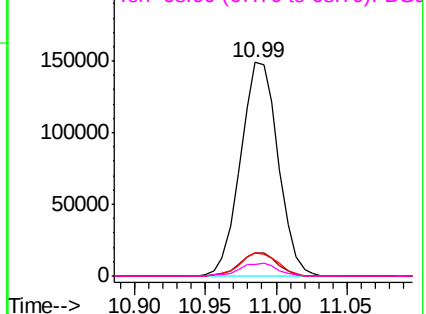
137 10.8 9.1 13.7

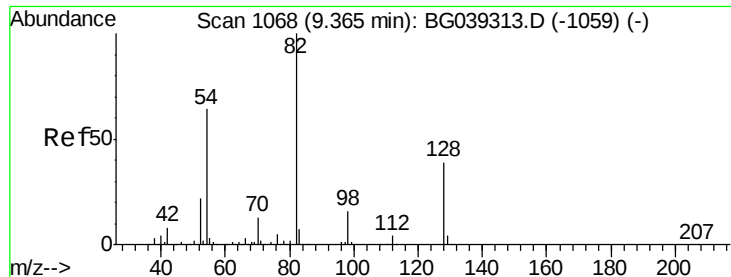
54 10.5 9.4 14.2

68 5.6 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

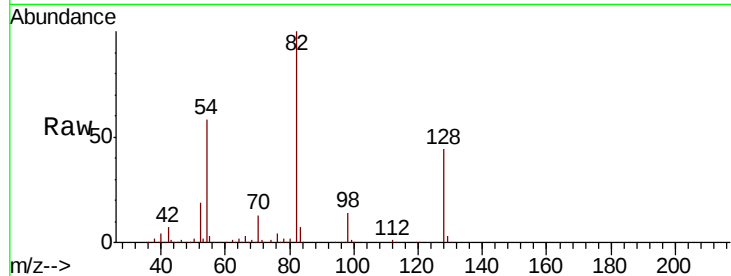




#23
Nitrobenzene-d5
Concen: 110.153 ng
RT: 9.35 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BG039678.D
Acq: 1 Mar 2019 3:36

Instrument :
BNA_G
ClientSampleId :
BU-03-022719

Tot Ion	82	Resp	490486
Ion Ratio	100	Lower	Upper
128	44.2	31.3	46.9
54	57.5	50.9	76.3

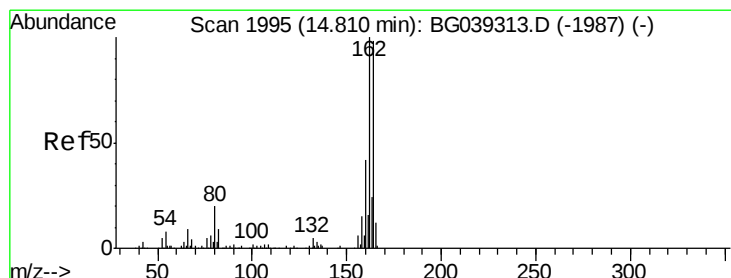
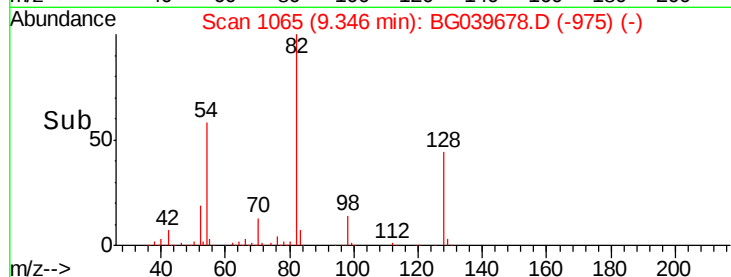
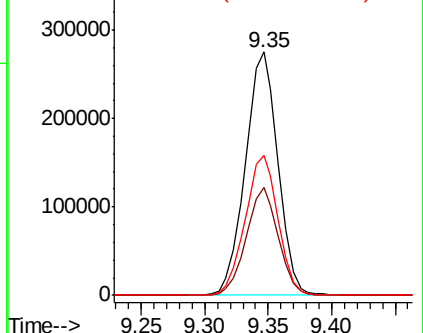


Abundance

Ion 82.00 (81.70 to 82.70): BGC

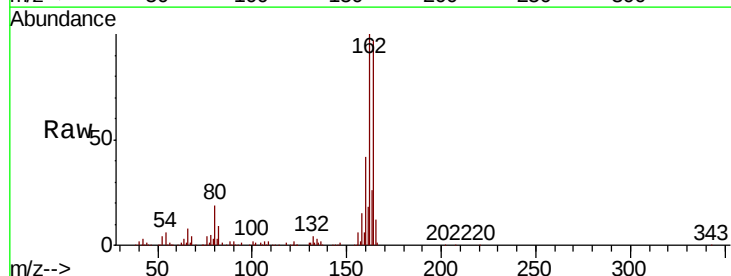
Ion 128.00 (127.70 to 128.70): BGC

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. 0.00 min
Lab File: BG039678.D
Acq: 1 Mar 2019 3:36

Tgt Ion	164	Resp	187427
Ion Ratio	100	Lower	Upper
162	102.7	81.6	122.4
160	43.5	34.2	51.2

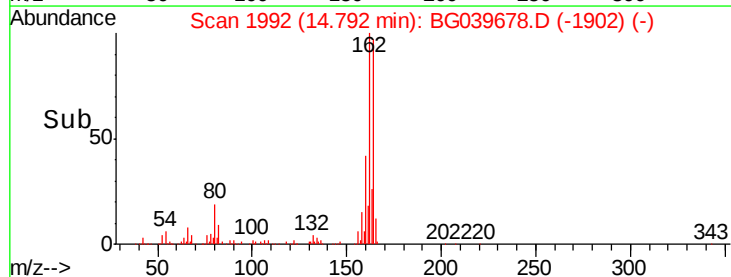
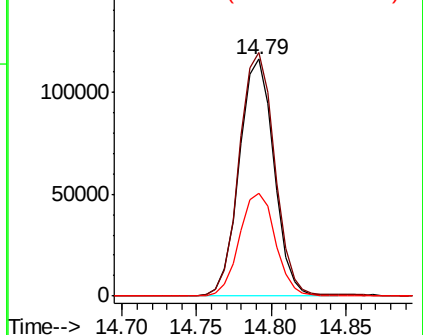


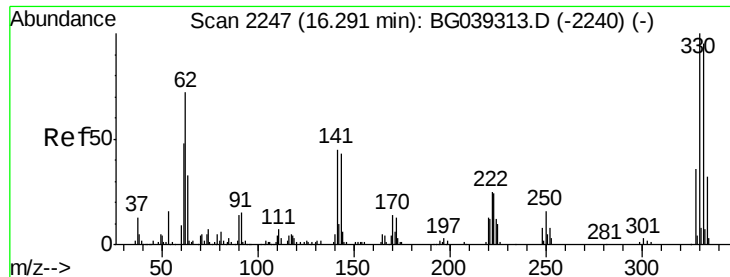
Abundance

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: 149.388 ng

RT: 16.28 min Scan# 2245

Delta R.T. 0.00 min

Lab File: BG039678.D

Acq: 1 Mar 2019 3:36

Instrument :

BNA_G

ClientSampleId :

BU-03-022719

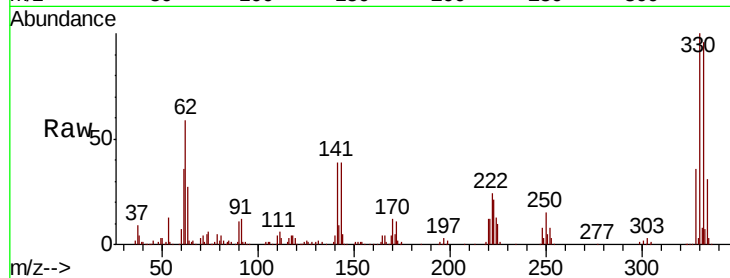
Tot Ion:330 Resp: 301505

Ion Ratio Lower Upper

330 100

332 95.3 75.7 113.5

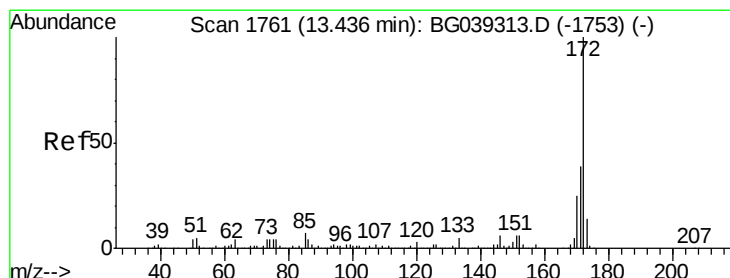
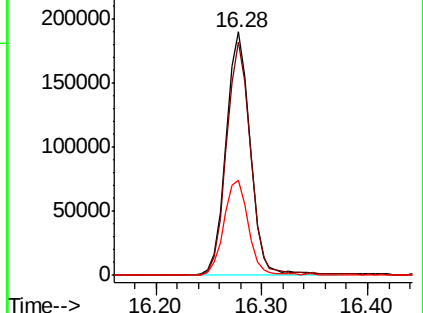
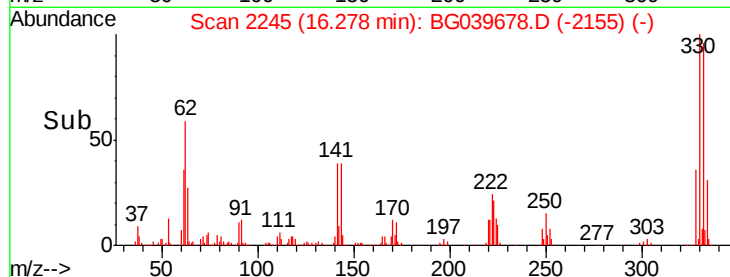
141 40.0 35.6 53.4



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: 89.022 ng

RT: 13.42 min Scan# 1758

Delta R.T. 0.00 min

Lab File: BG039678.D

Acq: 1 Mar 2019 3:36

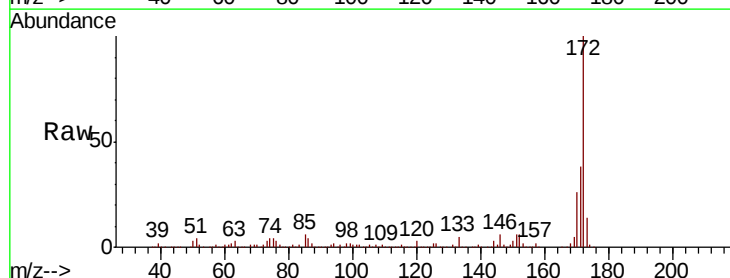
Tgt Ion:172 Resp: 1163085

Ion Ratio Lower Upper

172 100

171 37.5 30.8 46.2

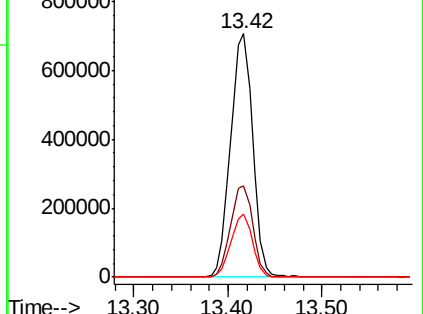
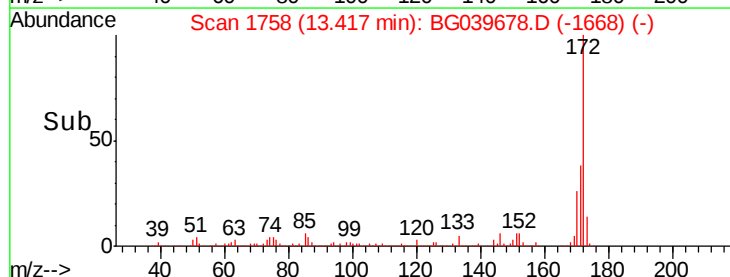
170 25.9 20.2 30.4

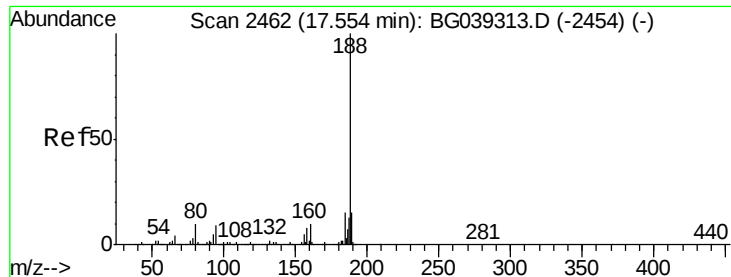


Abundance Ion 172.00 (171.70 to 172.70): E

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# 2459

Delta R.T. 0.00 min

Lab File: BG039678.D

Acq: 1 Mar 2019 3:36

Instrument :

BNA_G

ClientSampleId :

BU-03-022719

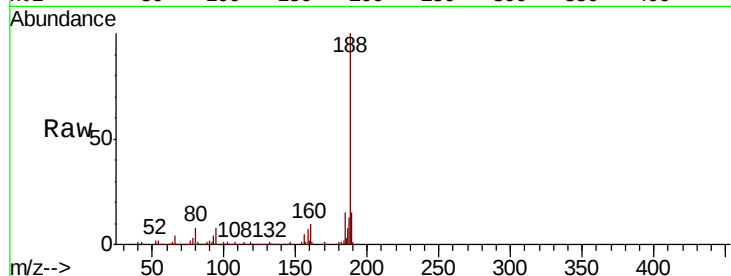
Tot Ion:188 Resp: 452131

Ion Ratio Lower Upper

188 100

94 8.1 6.9 10.3

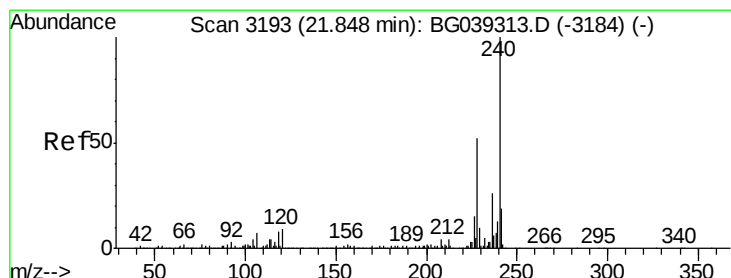
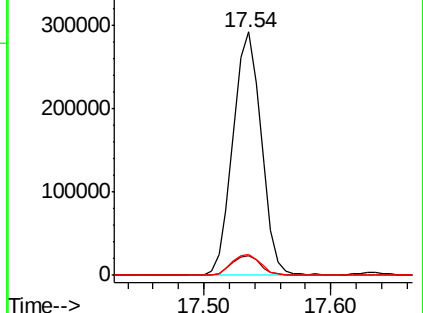
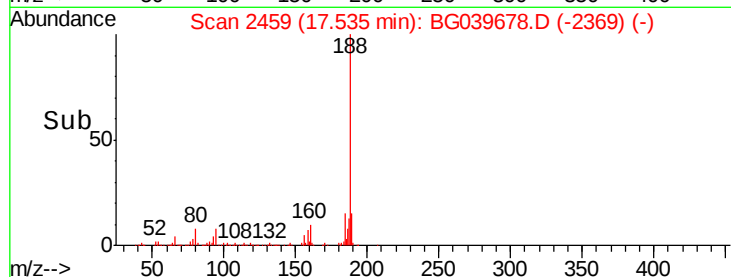
80 8.4 8.1 12.1



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. -0.00 min

Lab File: BG039678.D

Acq: 1 Mar 2019 3:36

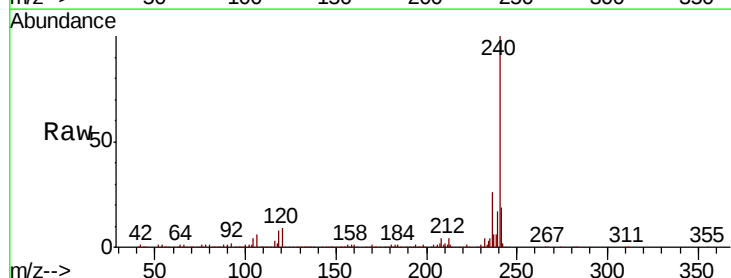
Tgt Ion:240 Resp: 465026

Ion Ratio Lower Upper

240 100

120 8.5 7.0 10.6

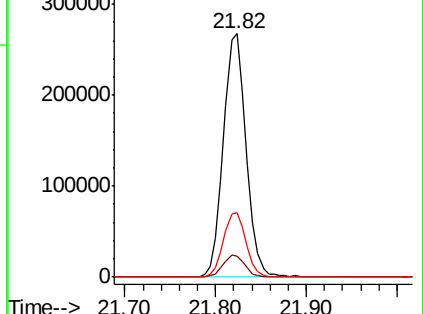
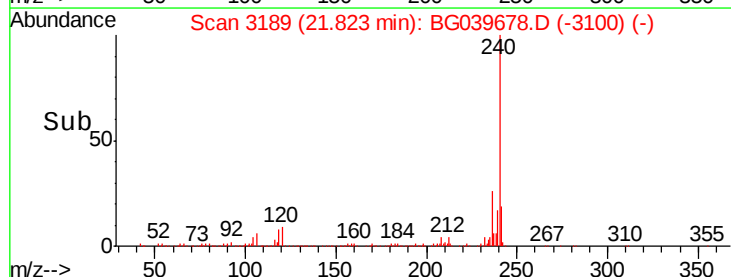
236 26.2 21.0 31.4

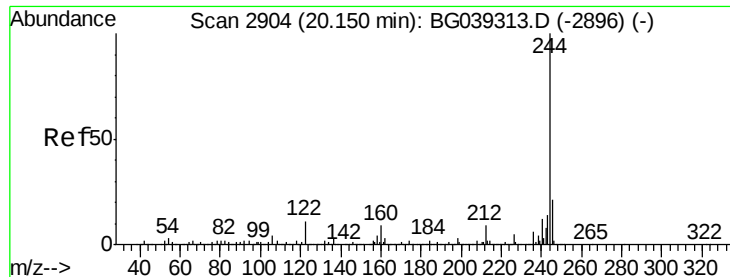


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 80.827 ng

RT: 20.13 min Scan# 2900

Delta R.T. 0.00 min

Lab File: BG039678.D

Acq: 1 Mar 2019 3:36

Instrument :

BNA_G

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BU-03-022719

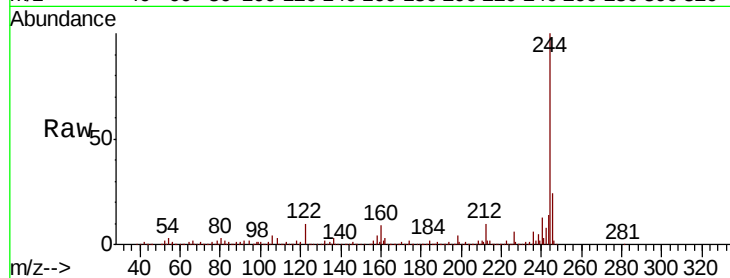
Tot Ion:244 Resp: 1775726

Ion Ratio Lower Upper

244 100

212 10.0 7.3 10.9

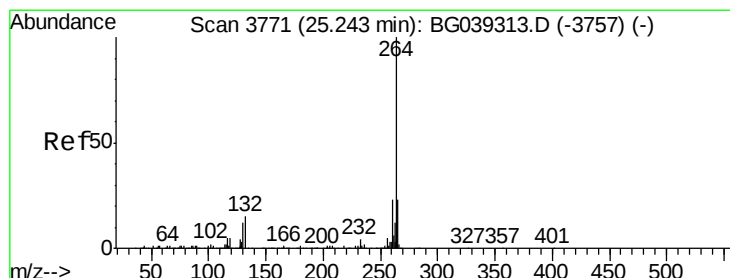
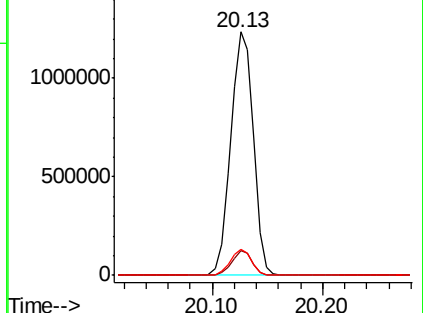
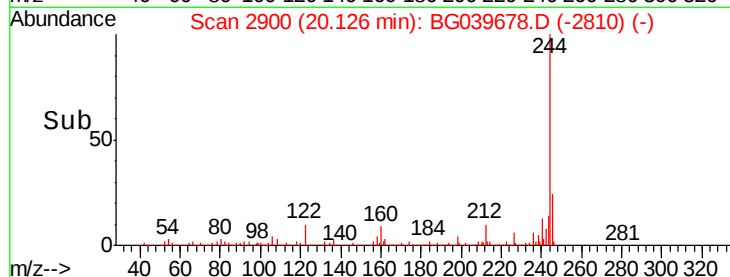
122 10.5 8.4 12.6



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# 3763

Delta R.T. -0.00 min

Lab File: BG039678.D

Acq: 1 Mar 2019 3:36

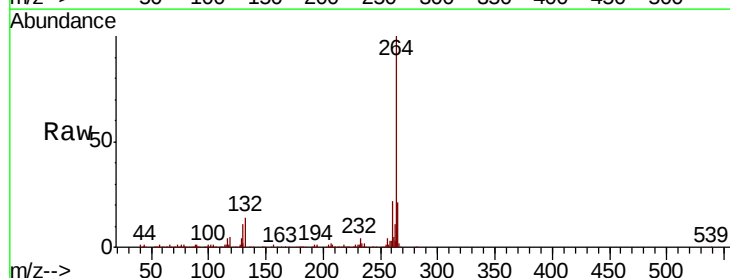
Tgt Ion:264 Resp: 456636

Ion Ratio Lower Upper

264 100

260 22.4 18.2 27.4

265 20.7 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

