

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012519\
 Data File : BG039286.D
 Acq On : 25 Jan 2019 20:00
 Operator : JU/SJ
 Sample : K1016-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-RO-3-012319

Quant Time: Jan 28 03:41:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 04:20:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	15079	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	58325	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	40542	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	107666	20.00	ng	0.00
76) Chrysene-d12	21.67	240	143641	20.00	ng	-0.01
87) Perylene-d12	24.92	264	135121	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	116712	146.83	ng	0.00
7) Phenol-d6	7.17	99	159439	139.38	ng	0.00
23) Nitrobenzene-d5	9.18	82	100593	94.37	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	100336	147.64	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	281295	94.96	ng	0.00
79) Terphenyl-d14	20.00	244	791764	101.97	ng	0.00

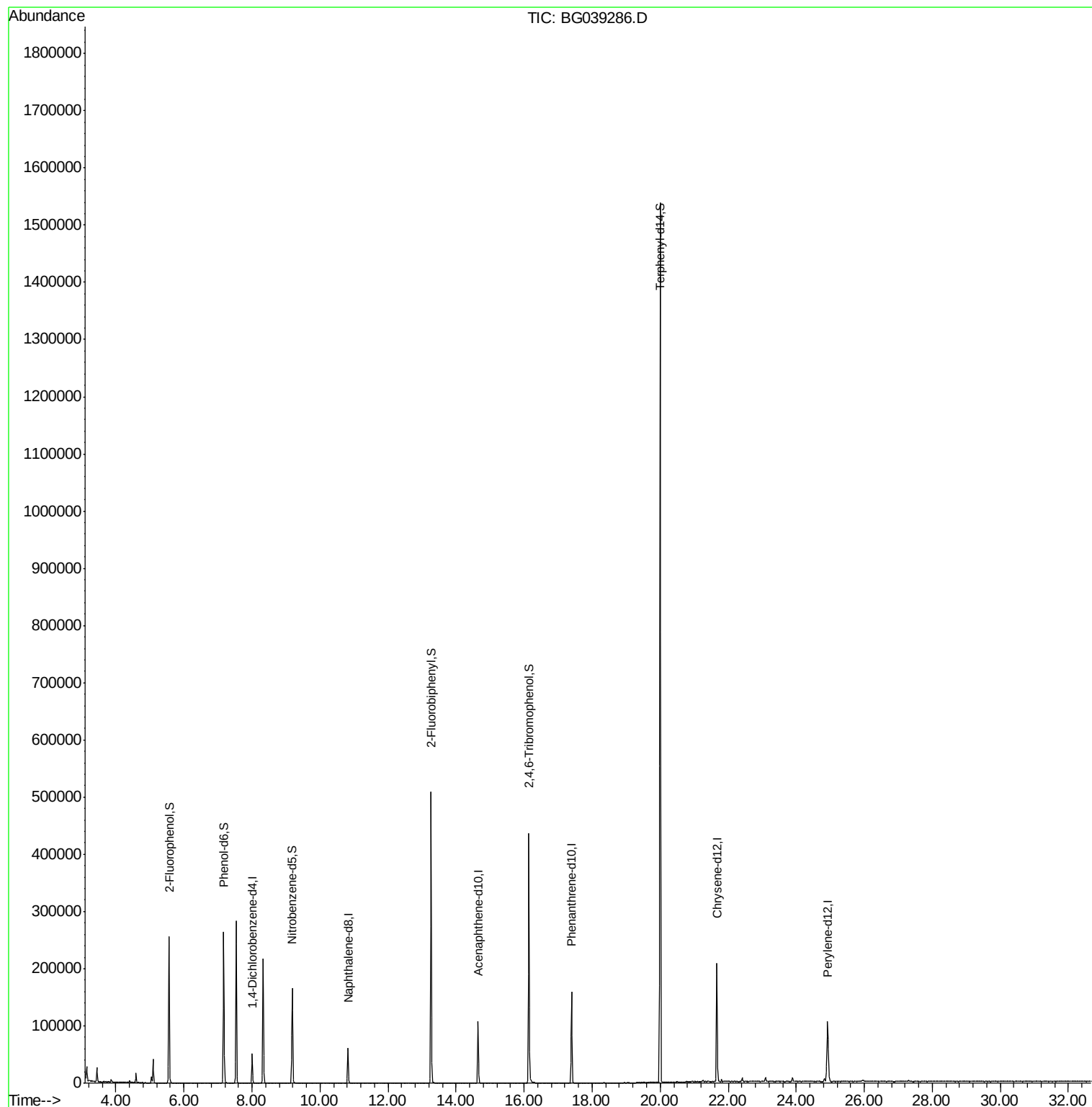
Target Compounds Qvalue

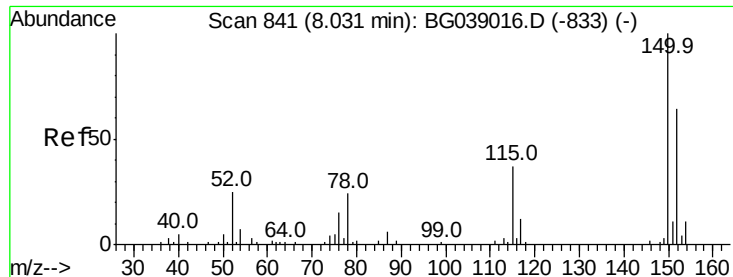
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012519\
Data File : BG039286.D
Acq On : 25 Jan 2019 20:00
Operator : JU/SJ
Sample : K1016-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-05-RO-3-012319

Quant Time: Jan 28 03:41:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 04:20:14 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BG039286.D

Acq: 25 Jan 2019 20:00

Instrument :

BNA_G

ClientSampleId :

TR-05-RO-3-012319

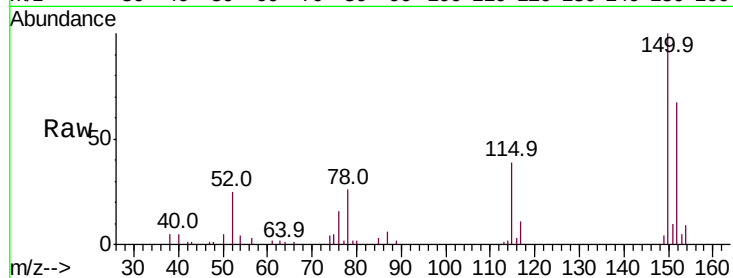
Tot Ion:152 Resp: 15079

Ion Ratio Lower Upper

152 100

150 149.7 124.7 187.1

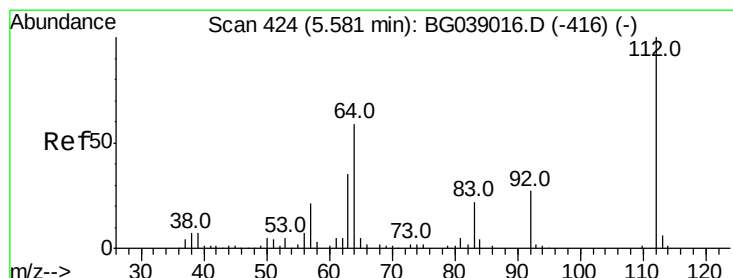
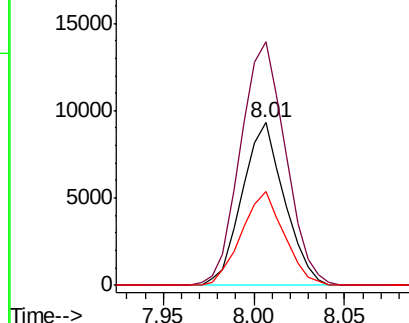
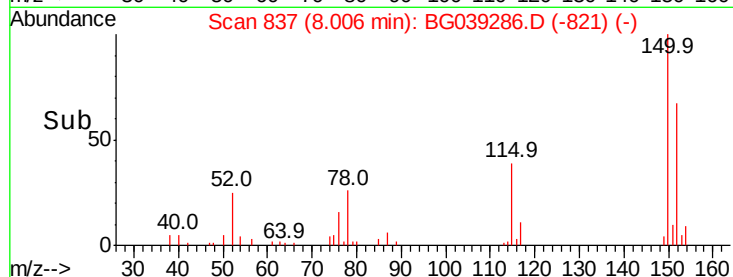
115 58.1 46.5 69.7



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: 146.827 ng

RT: 5.56 min Scan# 421

Delta R.T. -0.00 min

Lab File: BG039286.D

Acq: 25 Jan 2019 20:00

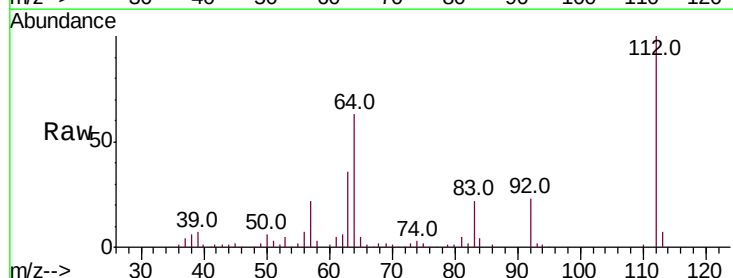
Tgt Ion:112 Resp: 116712

Ion Ratio Lower Upper

112 100

64 62.7 47.0 70.6

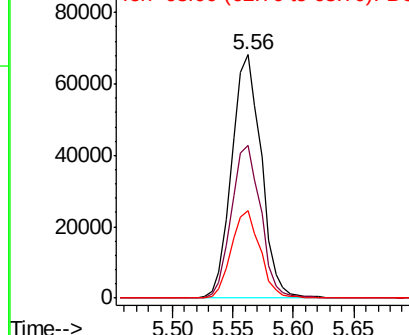
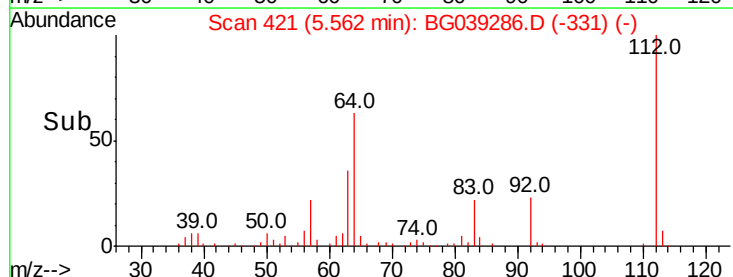
63 35.9 28.0 42.0

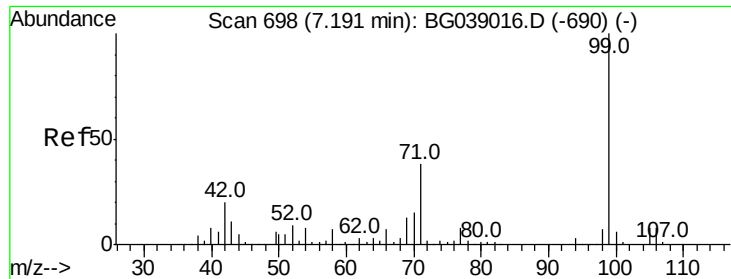


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 139.375 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG039286.D

Acq: 25 Jan 2019 20:00

Instrument :

BNA_G

ClientSampleId :

TR-05-RO-3-012319

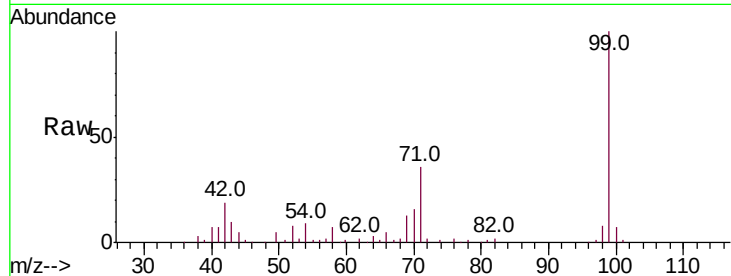
Tot Ion: 99 Resp: 159439

Ion Ratio Lower Upper

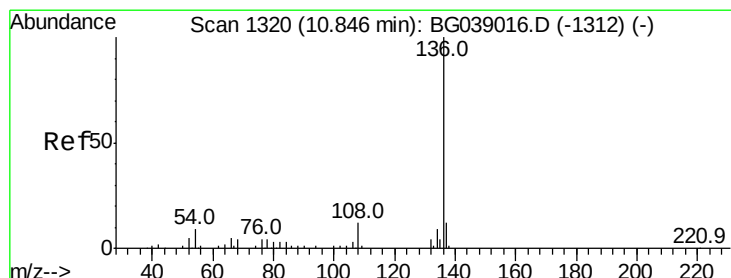
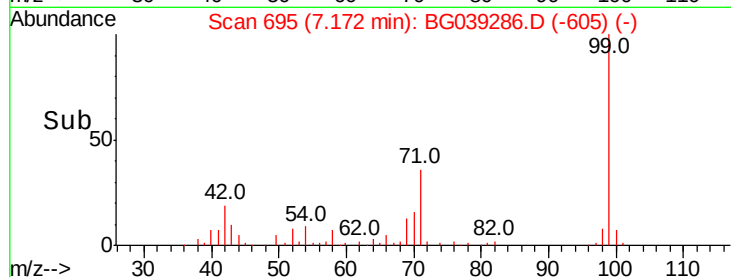
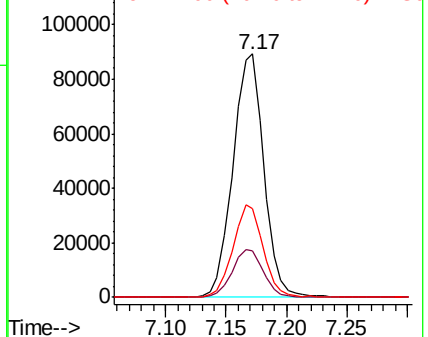
99 100

42 19.3 15.8 23.6

71 36.4 30.2 45.4



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: 10.82 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BG039286.D

Acq: 25 Jan 2019 20:00

Tgt Ion: 136 Resp: 58325

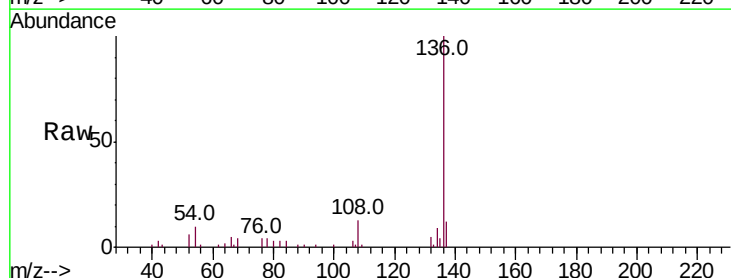
Ion Ratio Lower Upper

136 100

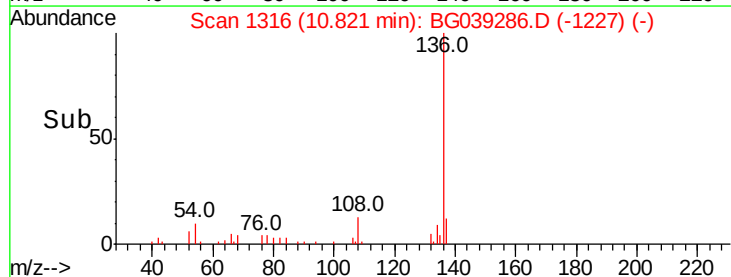
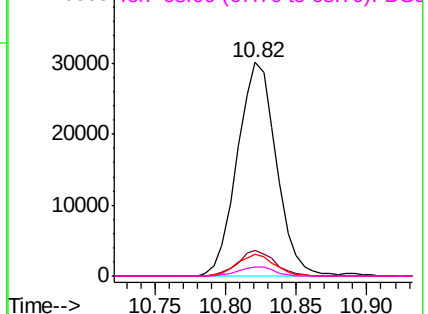
137 12.2 9.4 14.2

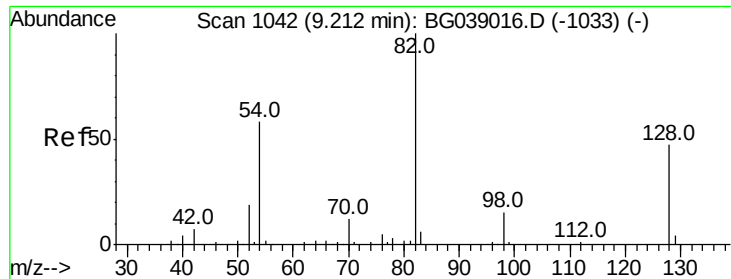
54 10.1 7.2 10.8

68 4.2 3.5 5.3



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

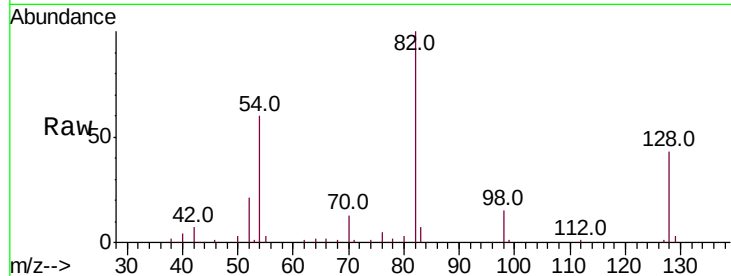




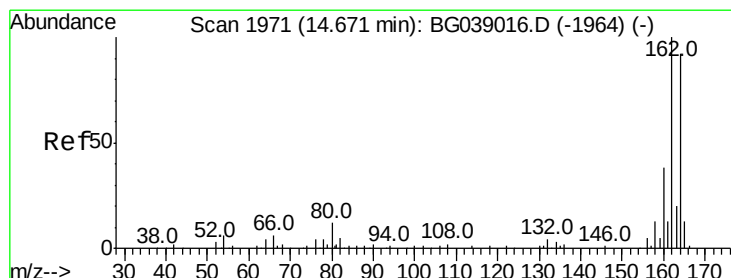
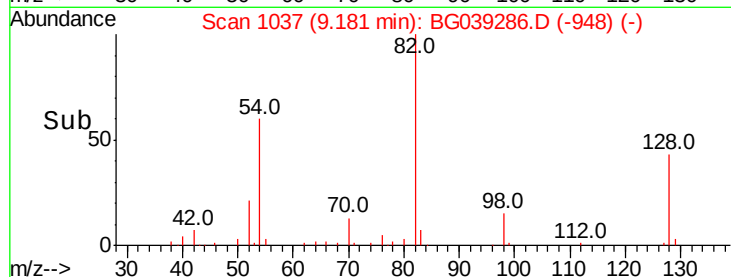
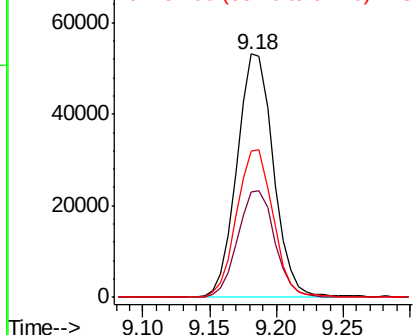
#23
 Nitrobenzene-d5
 Concen: 94.375 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BG039286.D
 Acq: 25 Jan 2019 20:00

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-RO-3-012319

Tot Ion: 82 Resp: 100593
 Ion Ratio Lower Upper
 82 100
 128 43.3 37.3 55.9
 54 60.1 46.4 69.6

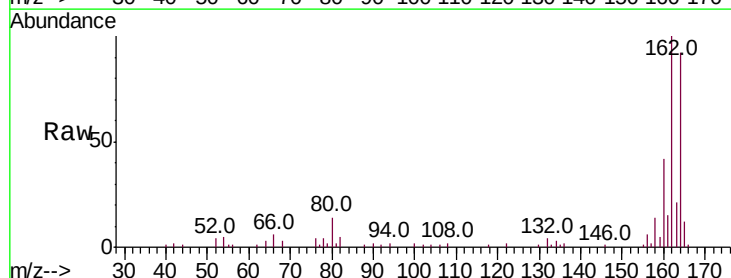


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

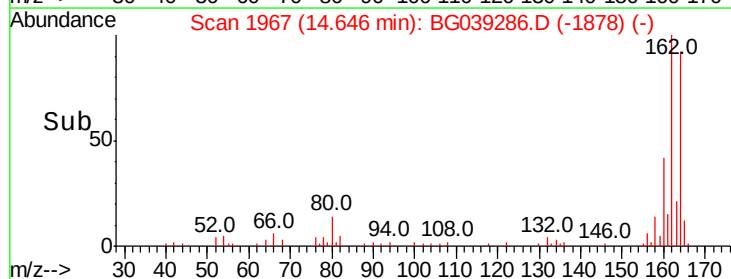
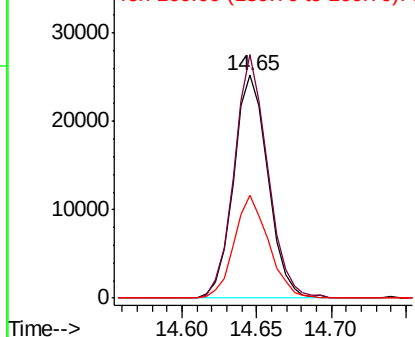


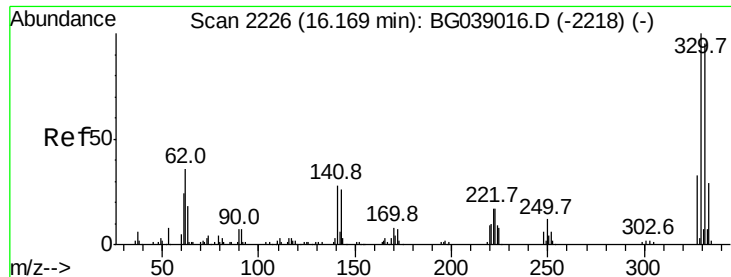
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1967
 Delta R.T. -0.01 min
 Lab File: BG039286.D
 Acq: 25 Jan 2019 20:00

Tgt Ion: 164 Resp: 40542
 Ion Ratio Lower Upper
 164 100
 162 109.2 87.2 130.8
 160 46.2 33.3 49.9



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: 147.641 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.01 min

Lab File: BG039286.D

Acq: 25 Jan 2019 20:00

Instrument :

BNA_G

ClientSampleId :

TR-05-RO-3-012319

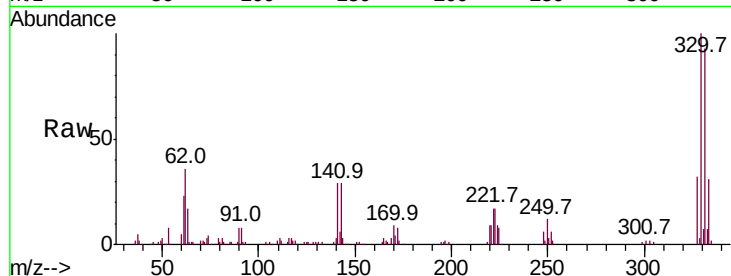
Tot Ion:330 Resp: 100336

Ion Ratio Lower Upper

330 100

332 95.3 75.7 113.5

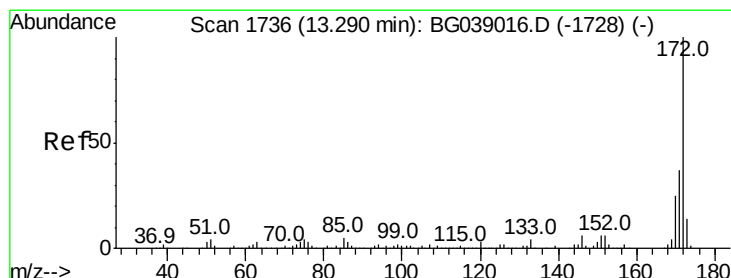
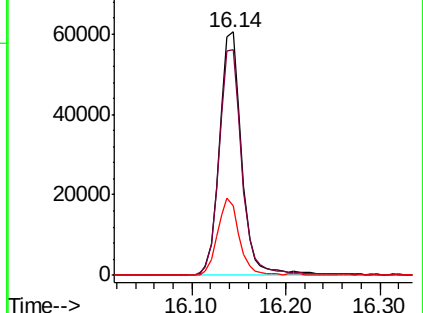
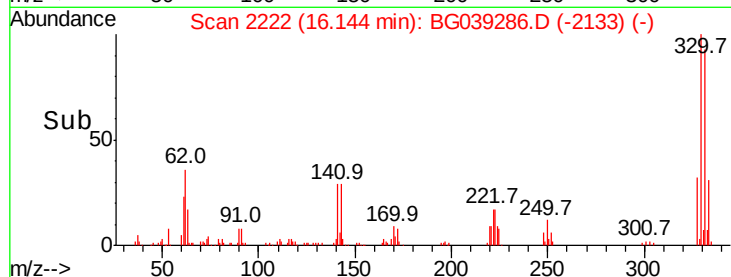
141 30.9 24.9 37.3



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: 94.956 ng

RT: 13.26 min Scan# 1732

Delta R.T. -0.01 min

Lab File: BG039286.D

Acq: 25 Jan 2019 20:00

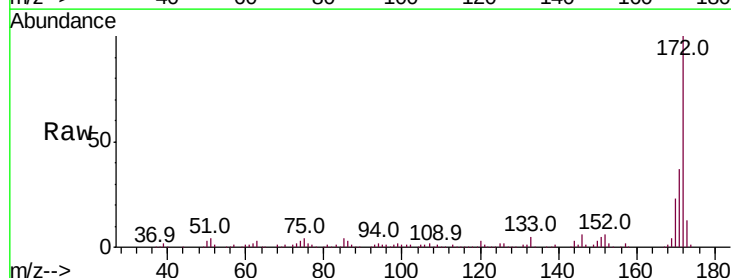
Tgt Ion:172 Resp: 281295

Ion Ratio Lower Upper

172 100

171 36.7 29.4 44.0

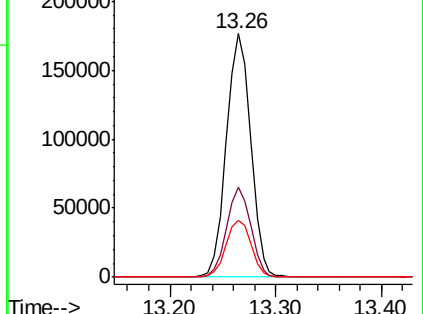
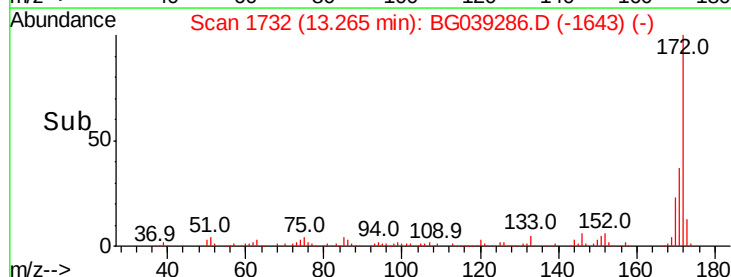
170 23.4 20.1 30.1

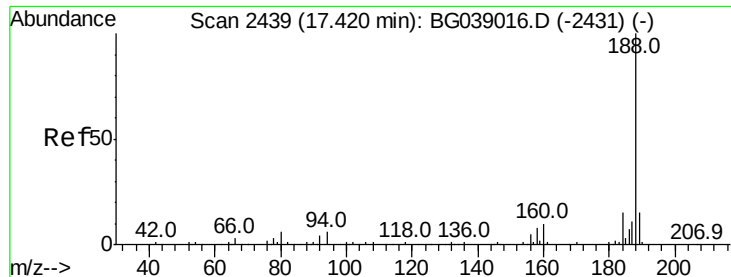


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.40 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG039286.D

Acq: 25 Jan 2019 20:00

Instrument :

BNA_G

ClientSampleId :

TR-05-RO-3-012319

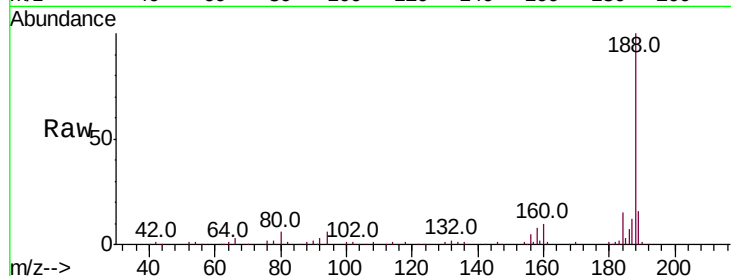
Tot Ion:188 Resp: 107666

Ion Ratio Lower Upper

188 100

94 5.8 5.0 7.4

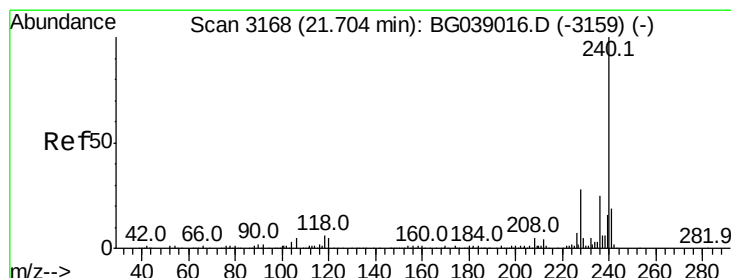
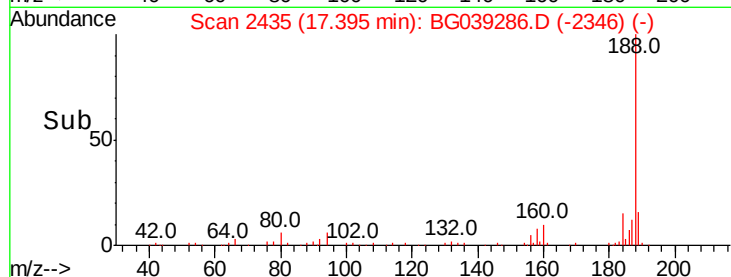
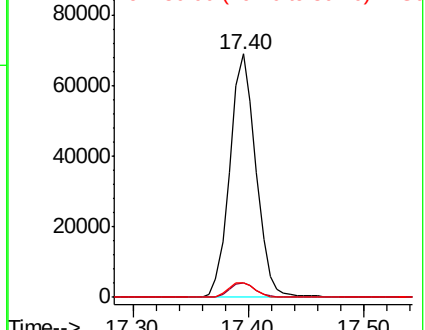
80 5.9 4.7 7.1



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: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG039286.D

Acq: 25 Jan 2019 20:00

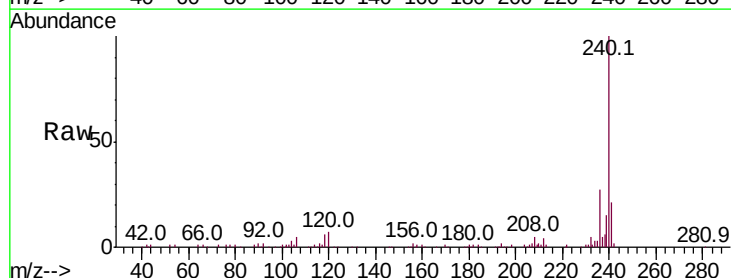
Tgt Ion:240 Resp: 143641

Ion Ratio Lower Upper

240 100

120 6.5 4.3 6.5#

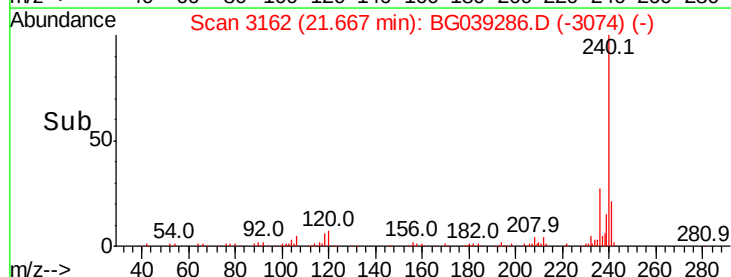
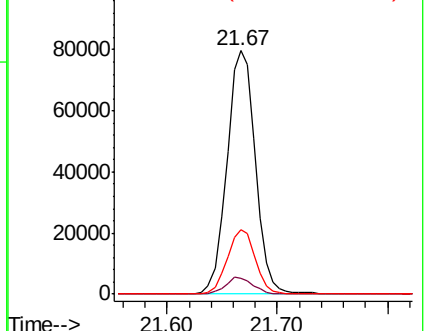
236 26.7 20.1 30.1

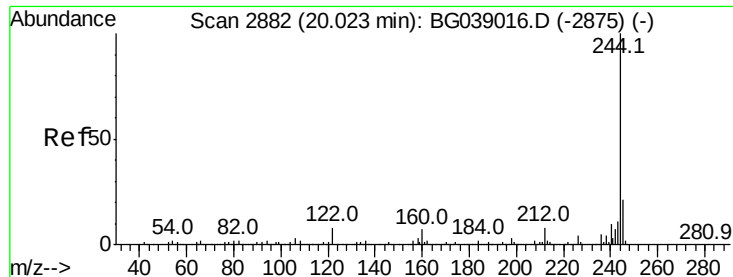


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 101.968 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BG039286.D

Acq: 25 Jan 2019 20:00

Instrument :

BNA_G

ClientSampleId :

TR-05-RO-3-012319

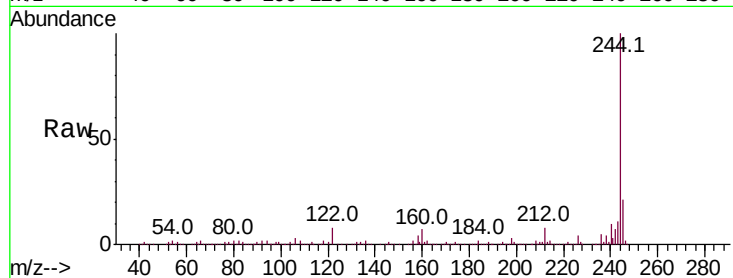
Tot Ion:244 Resp: 791764

Ion Ratio Lower Upper

244 100

212 8.2 6.1 9.1

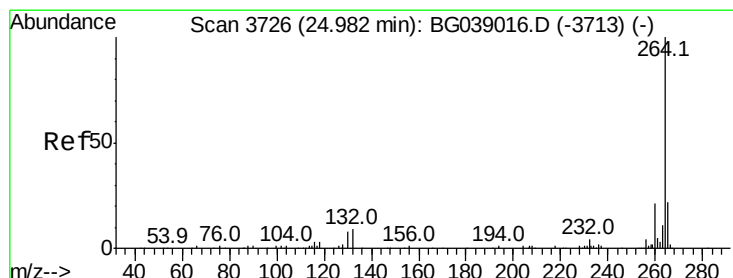
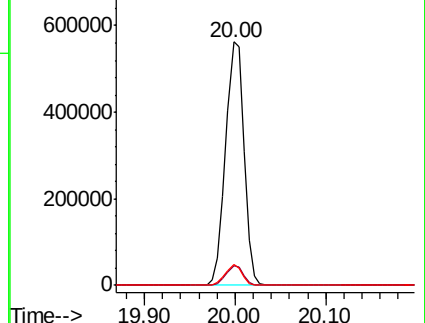
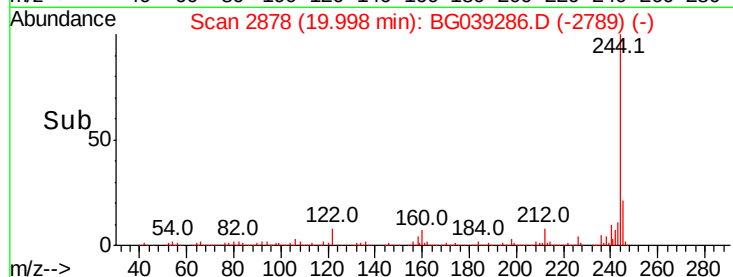
122 8.4 6.1 9.1



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: 24.92 min Scan# 3716

Delta R.T. -0.03 min

Lab File: BG039286.D

Acq: 25 Jan 2019 20:00

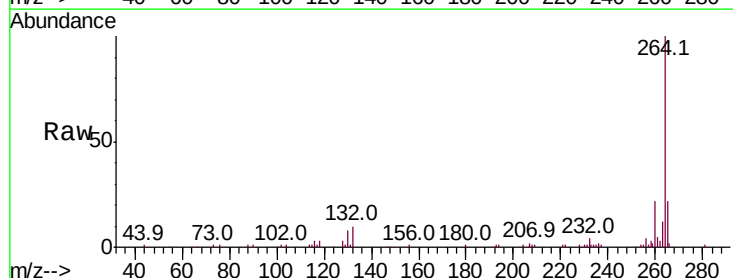
Tgt Ion:264 Resp: 135121

Ion Ratio Lower Upper

264 100

260 22.3 17.0 25.6

265 22.2 17.2 25.8



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

