

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011019\
 Data File : BG039064.D
 Acq On : 10 Jan 2019 22:35
 Operator : JU/SJ
 Sample : K1087-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-447-C

Quant Time: Jan 11 05:49:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	19613	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	80415	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	58720	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	159676	20.00	ng	0.00
76) Chrysene-d12	21.70	240	152605	20.00	ng	0.00
87) Perylene-d12	24.97	264	166779	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	149220	144.33	ng	0.00
7) Phenol-d6	7.19	99	186554	125.38	ng	0.00
23) Nitrobenzene-d5	9.20	82	140155	95.37	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	162176	164.76	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	424912	99.03	ng	0.00
79) Terphenyl-d14	20.02	244	816947	99.03	ng	0.00

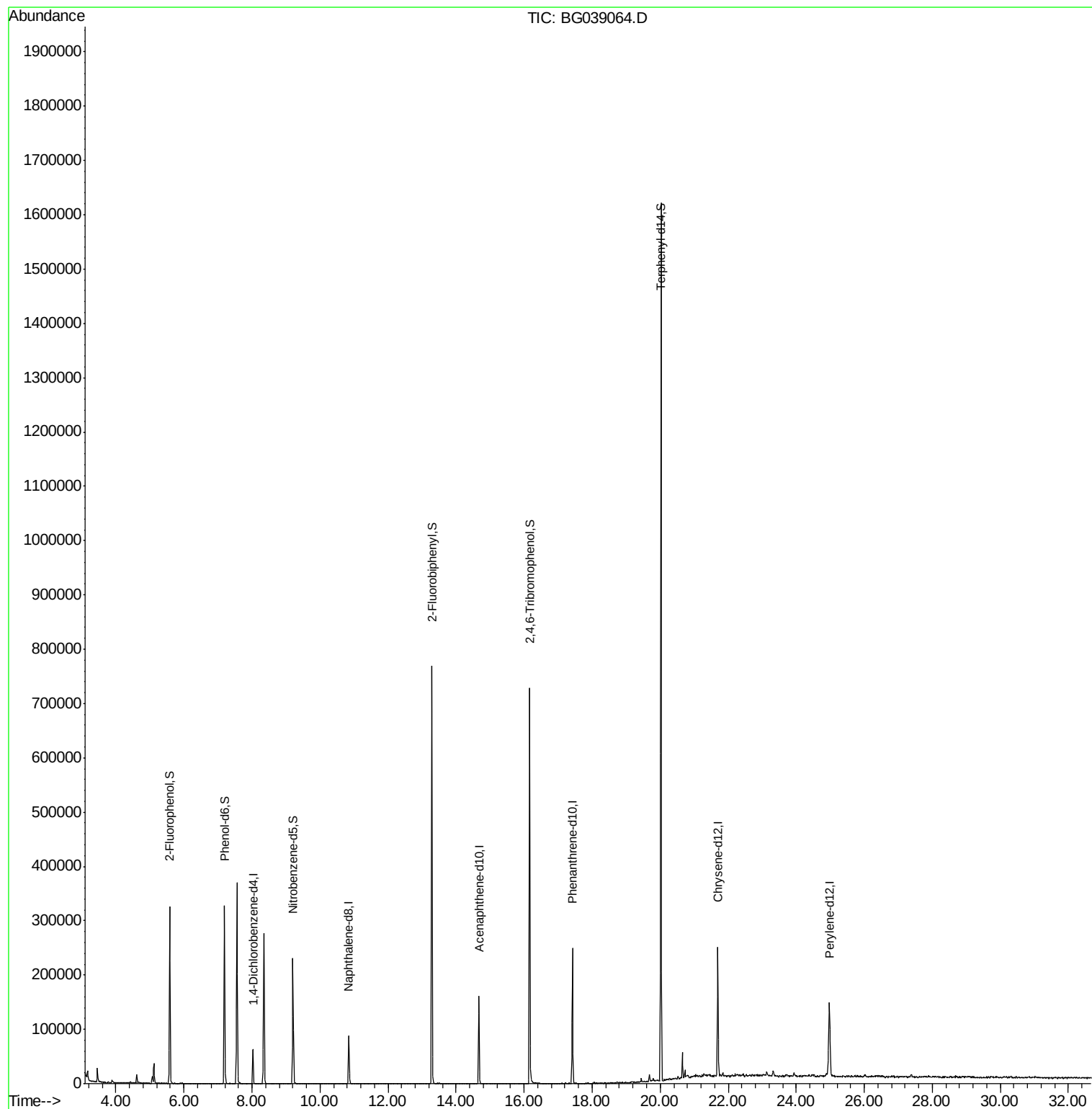
Target Compounds Qvalue

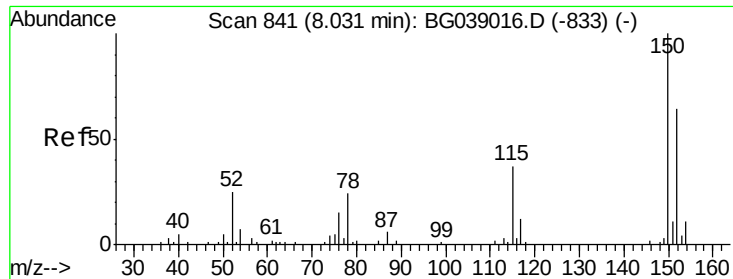
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011019\
Data File : BG039064.D
Acq On : 10 Jan 2019 22:35
Operator : JU/SJ
Sample : K1087-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-447-C

Quant Time: Jan 11 05:49:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 09 14:23:53 2019
Response via : Initial Calibration



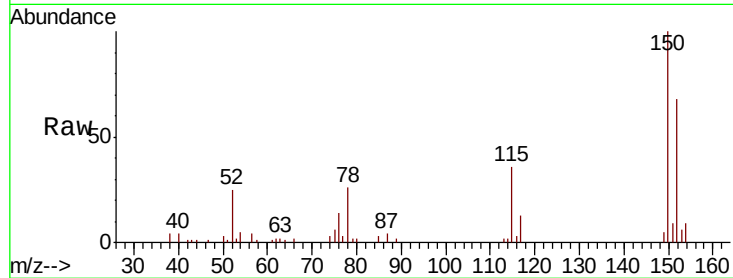


#1

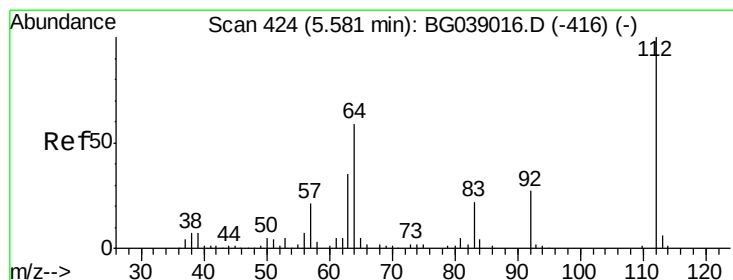
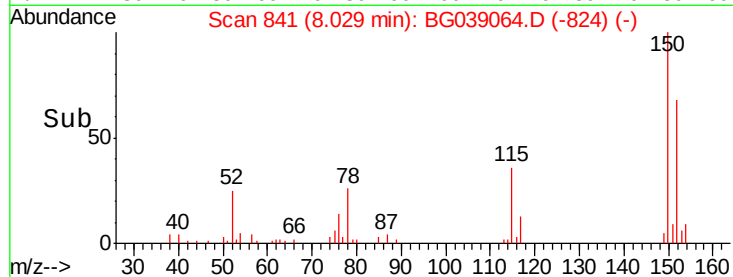
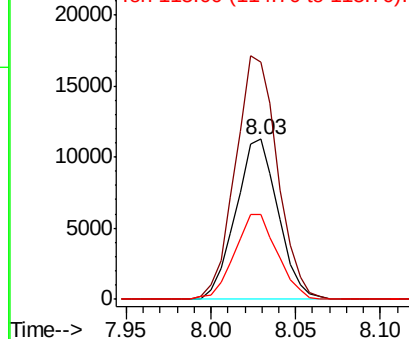
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG039064.D
Acq: 10 Jan 2019 22:35

Instrument :
BNA_G
ClientSampleId :
MH-447-C

Tot Ion:152 Resp: 19613
Ion Ratio Lower Upper
152 100
150 147.6 124.7 187.1
115 52.9 46.5 69.7



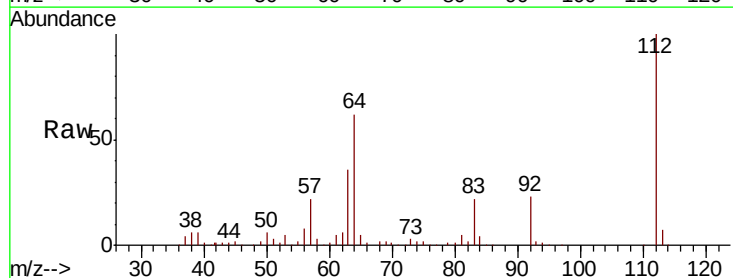
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



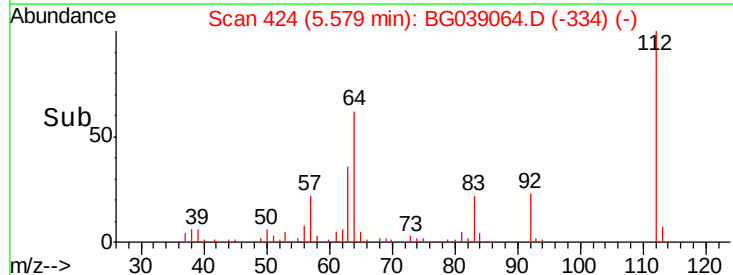
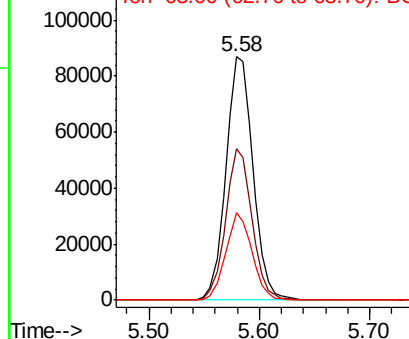
#5

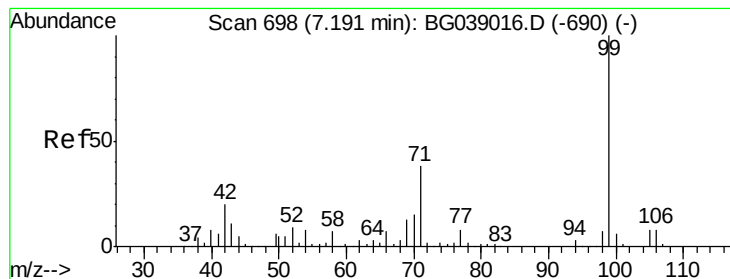
2-Fluorophenol
Concen: 144.327 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG039064.D
Acq: 10 Jan 2019 22:35

Tgt Ion:112 Resp: 149220
Ion Ratio Lower Upper
112 100
64 62.2 47.0 70.6
63 36.1 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: 125.379 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG039064.D

Acq: 10 Jan 2019 22:35

Instrument :

BNA_G

ClientSampled :

MH-447-C

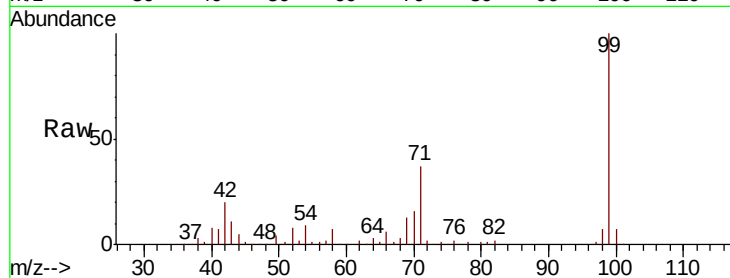
Tot Ion: 99 Resp: 186554

Ion Ratio Lower Upper

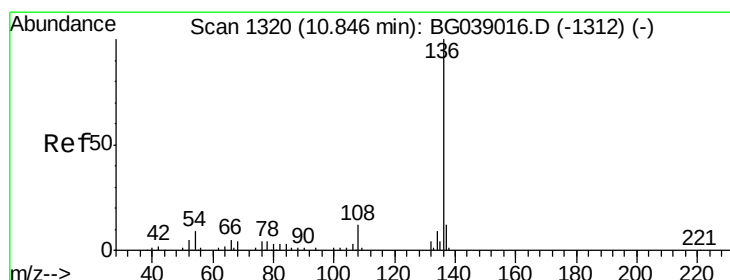
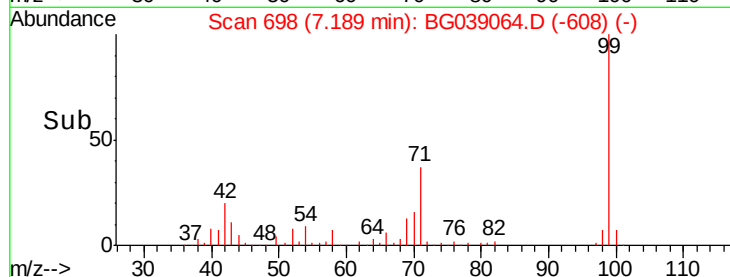
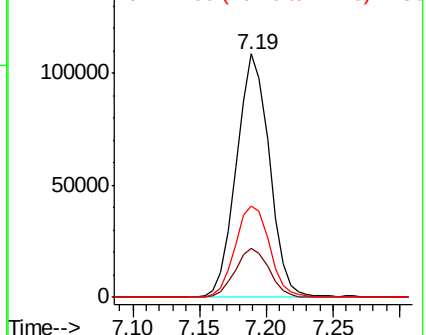
99 100

42 20.2 15.8 23.6

71 37.5 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: 10.84 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BG039064.D

Acq: 10 Jan 2019 22:35

Tgt Ion: 136 Resp: 80415

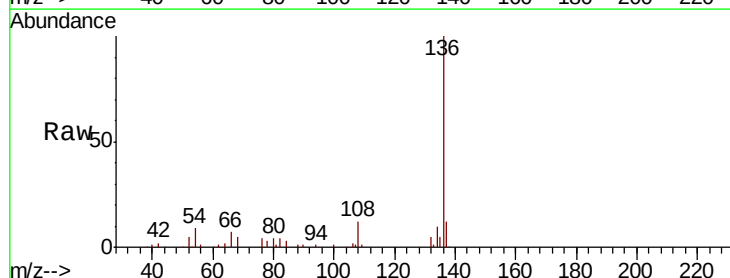
Ion Ratio Lower Upper

136 100

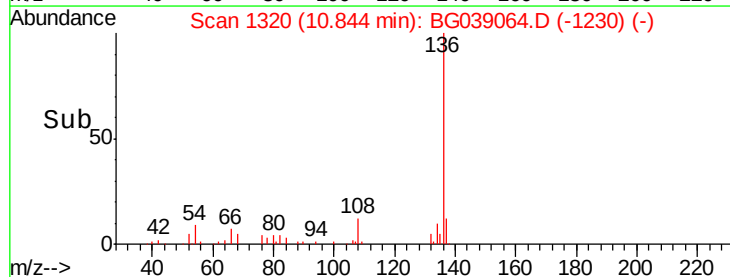
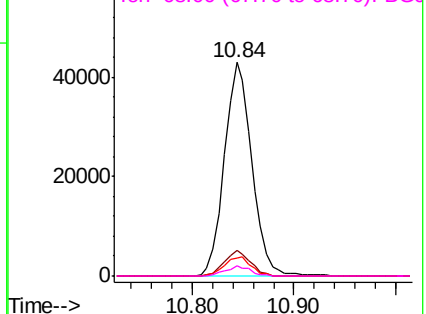
137 11.7 9.4 14.2

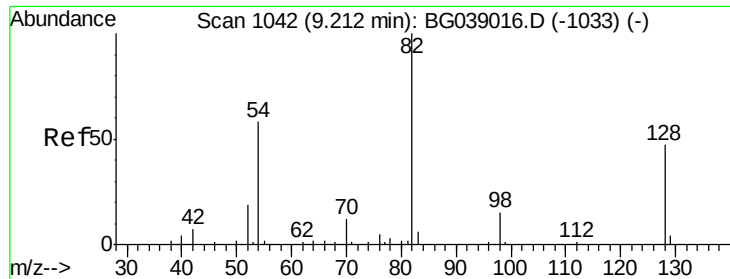
54 8.6 7.2 10.8

68 4.5 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

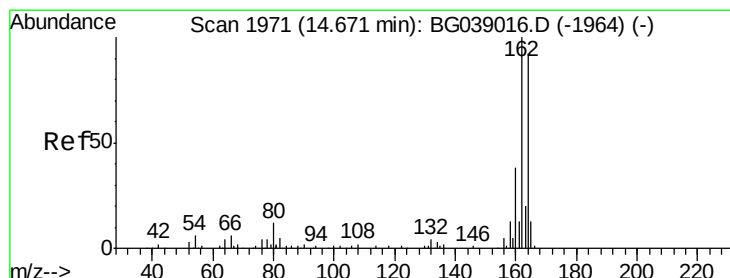
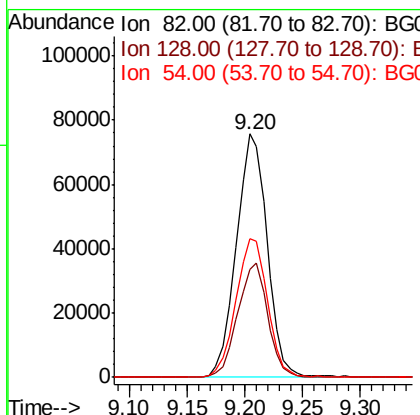
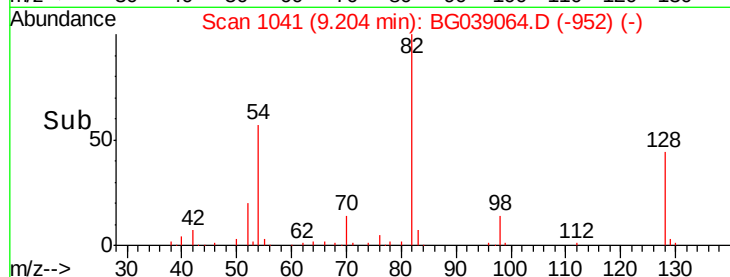
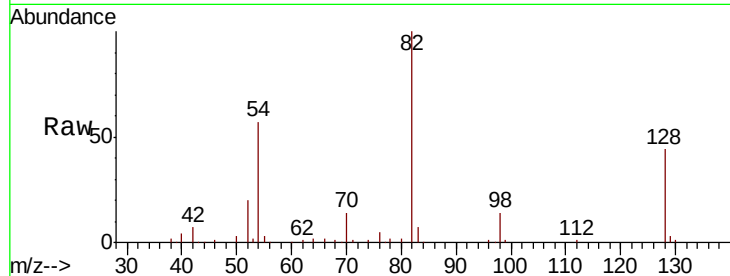




#23
Nitrobenzene-d5
Concen: 95.370 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG039064.D
Acq: 10 Jan 2019 22:35

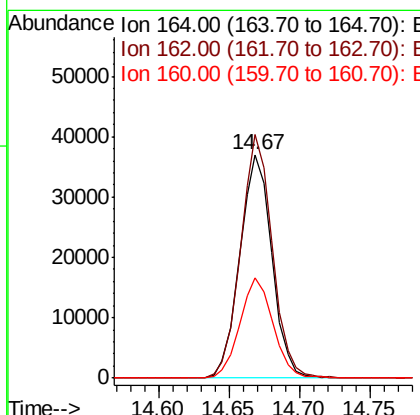
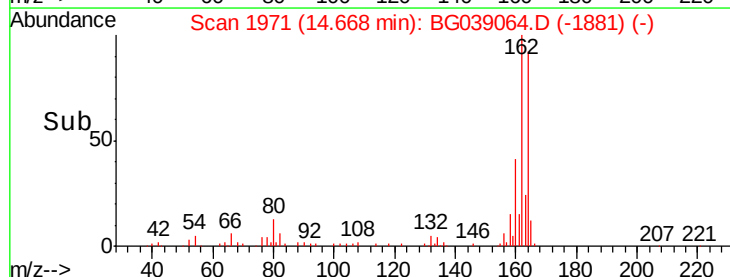
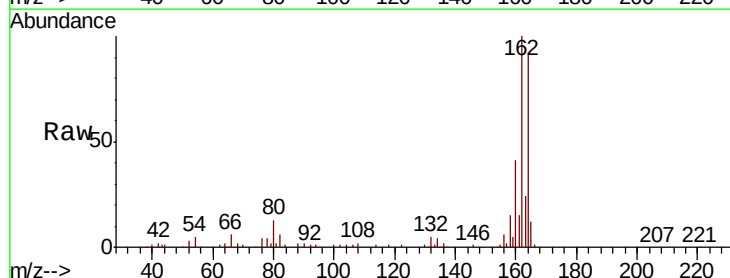
Instrument :
BNA_G
ClientSampleId :
MH-447-C

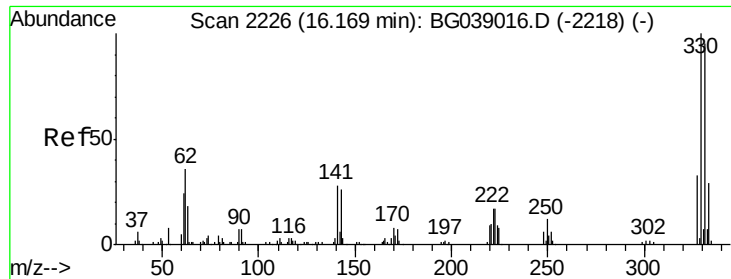
Tot Ion: 82 Resp: 140155
Ion Ratio Lower Upper
82 100
128 44.4 37.3 55.9
54 57.1 46.4 69.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BG039064.D
Acq: 10 Jan 2019 22:35

Tgt Ion:164 Resp: 58720
Ion Ratio Lower Upper
164 100
162 109.0 87.2 130.8
160 44.9 33.3 49.9





#42

2,4,6-Tribromophenol

Concen: 164.761 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG039064.D

Acq: 10 Jan 2019 22:35

Instrument :

BNA_G

ClientSampleId :

MH-447-C

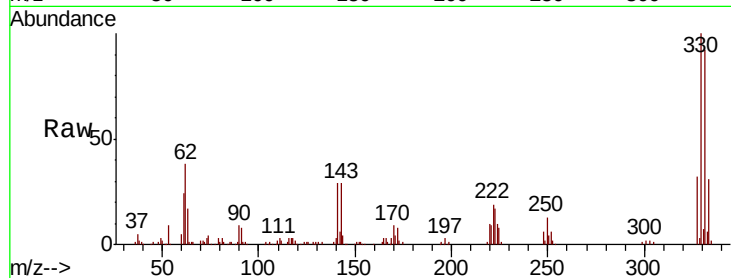
Tot Ion:330 Resp: 162176

Ion Ratio Lower Upper

330 100

332 97.2 75.7 113.5

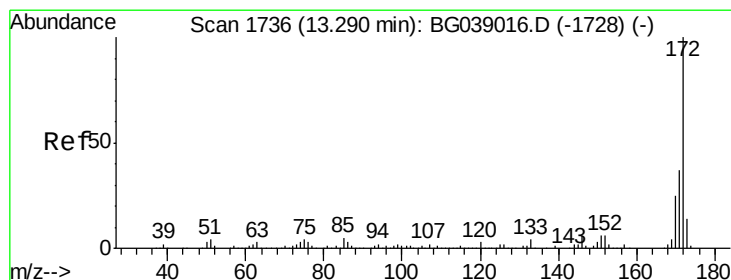
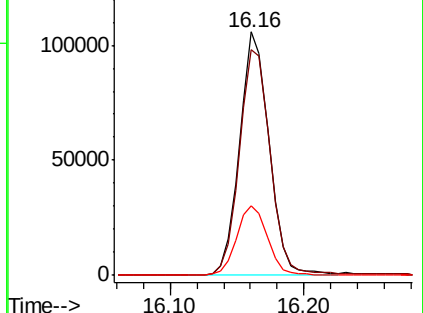
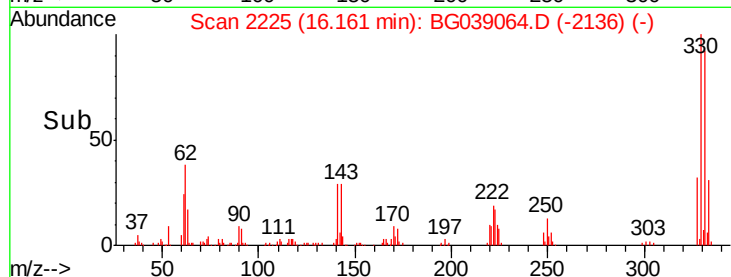
141 30.0 24.9 37.3



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: 99.033 ng

RT: 13.29 min Scan# 1736

Delta R.T. -0.00 min

Lab File: BG039064.D

Acq: 10 Jan 2019 22:35

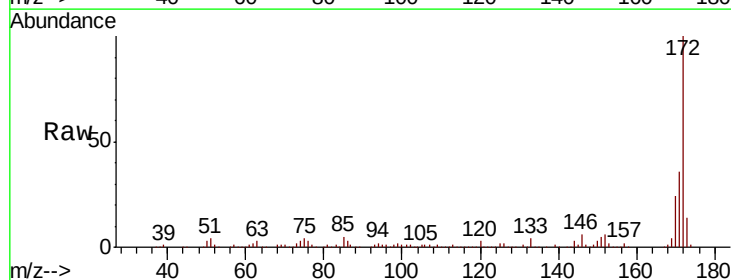
Tgt Ion:172 Resp: 424912

Ion Ratio Lower Upper

172 100

171 36.4 29.4 44.0

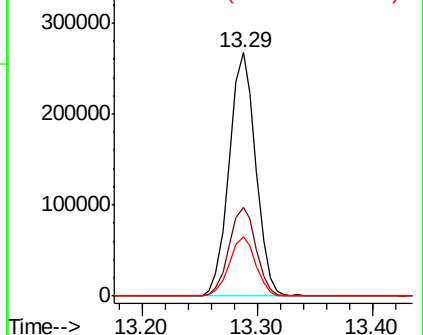
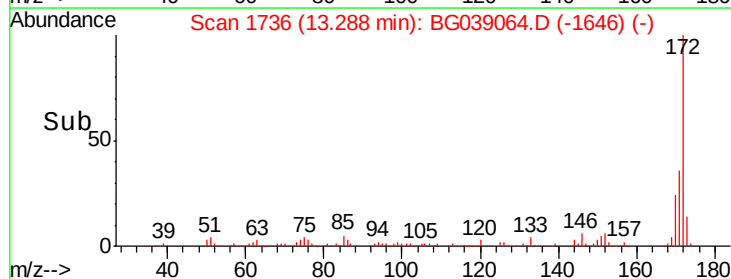
170 24.2 20.1 30.1

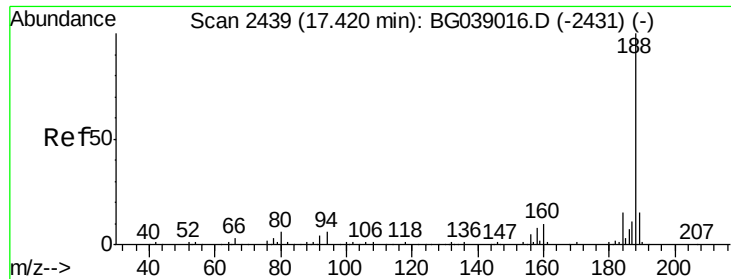


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.42 min Scan# 2439

Delta R.T. -0.00 min

Lab File: BG039064.D

Acq: 10 Jan 2019 22:35

Instrument :

BNA_G

ClientSampleId :

MH-447-C

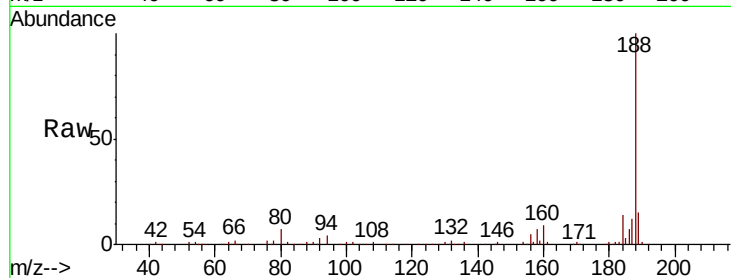
Tot Ion:188 Resp: 159676

Ion Ratio Lower Upper

188 100

94 4.5 5.0 7.4#

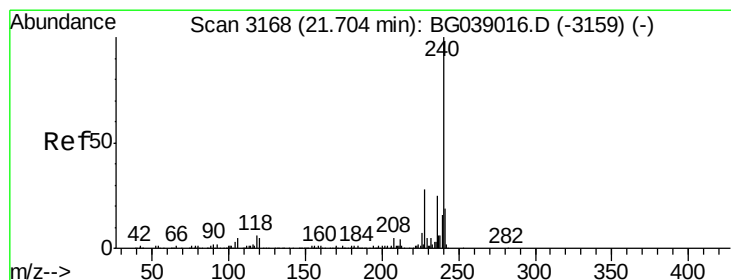
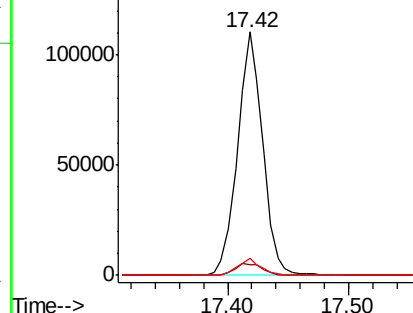
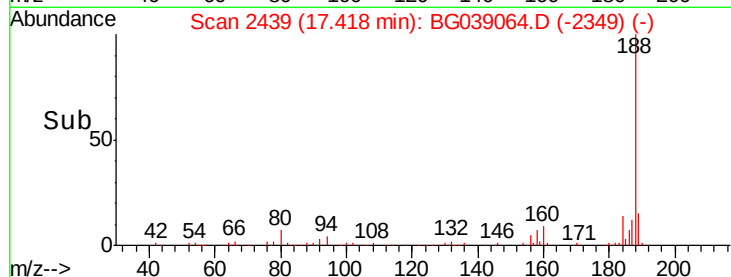
80 6.8 4.7 7.1



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: 21.70 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG039064.D

Acq: 10 Jan 2019 22:35

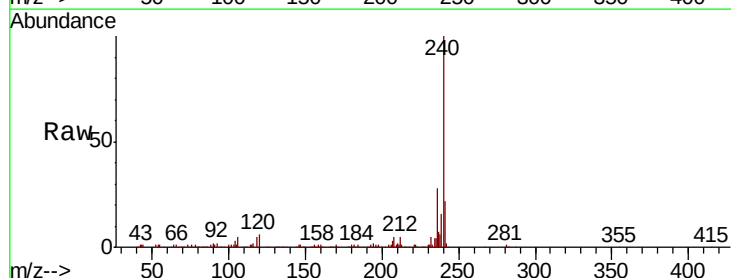
Tgt Ion:240 Resp: 152605

Ion Ratio Lower Upper

240 100

120 6.1 4.3 6.5

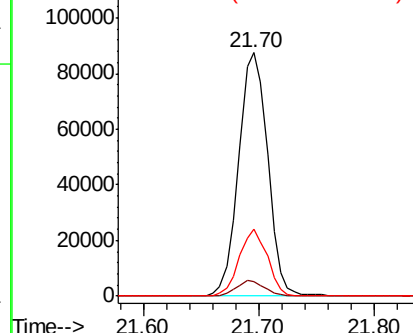
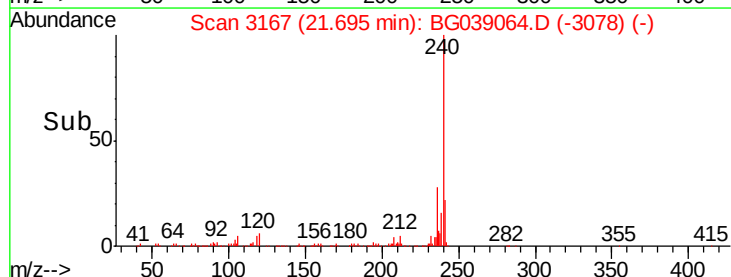
236 27.6 20.1 30.1

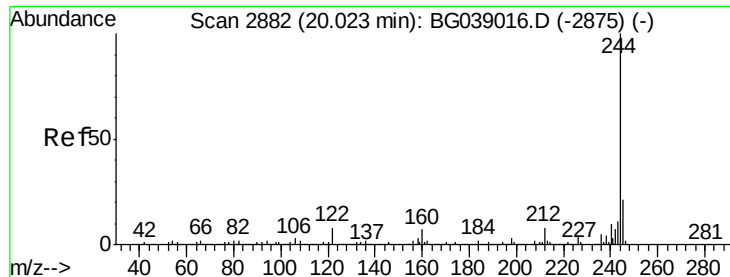


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 99.031 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG039064.D

Acq: 10 Jan 2019 22:35

Instrument :

BNA_G

ClientSampleId :

MH-447-C

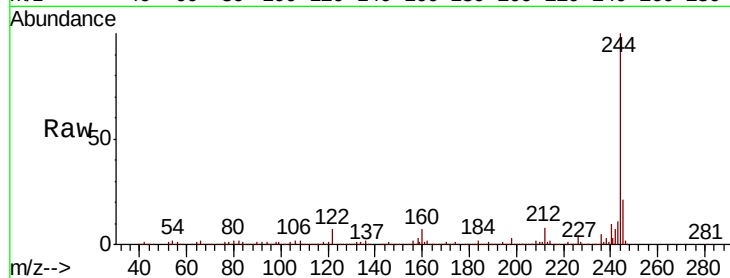
Tot Ion:244 Resp: 816947

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

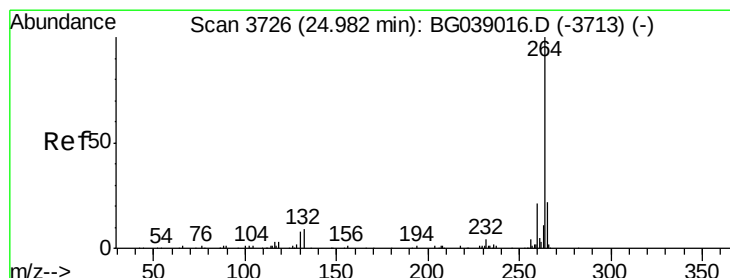
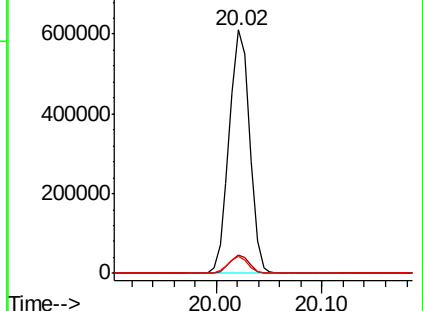
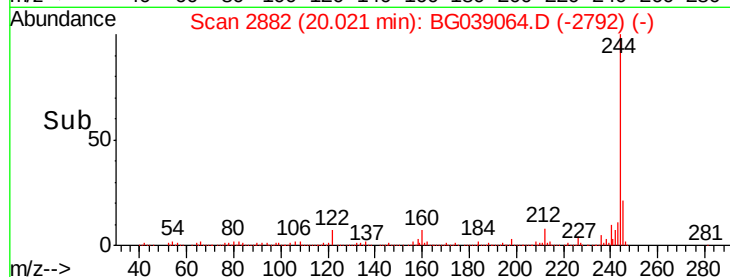
122 6.9 6.1 9.1



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: 24.97 min Scan# 3725

Delta R.T. -0.01 min

Lab File: BG039064.D

Acq: 10 Jan 2019 22:35

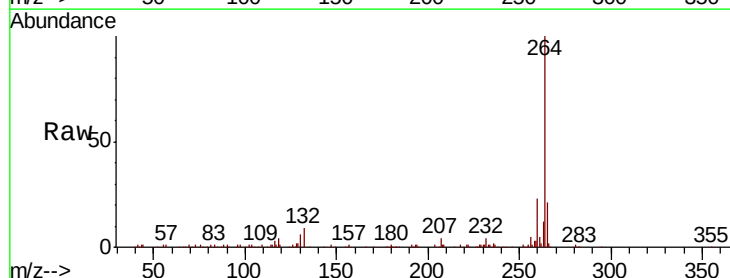
Tgt Ion:264 Resp: 166779

Ion Ratio Lower Upper

264 100

260 22.7 17.0 25.6

265 20.6 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

