

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011019\
 Data File : BG039066.D
 Acq On : 10 Jan 2019 23:54
 Operator : JU/SJ
 Sample : K1005-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-010918-A

Quant Time: Jan 11 05:53:16 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	21371	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	90389	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	69857	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	186056	20.00	ng	0.00
76) Chrysene-d12	21.70	240	174750	20.00	ng	0.00
87) Perylene-d12	24.97	264	185121	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	158251	140.47	ng	0.00
7) Phenol-d6	7.19	99	201343	124.19	ng	0.00
23) Nitrobenzene-d5	9.20	82	146663	88.79	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	166153	141.89	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	437793	85.77	ng	0.00
79) Terphenyl-d14	20.02	244	824369	87.27	ng	0.00

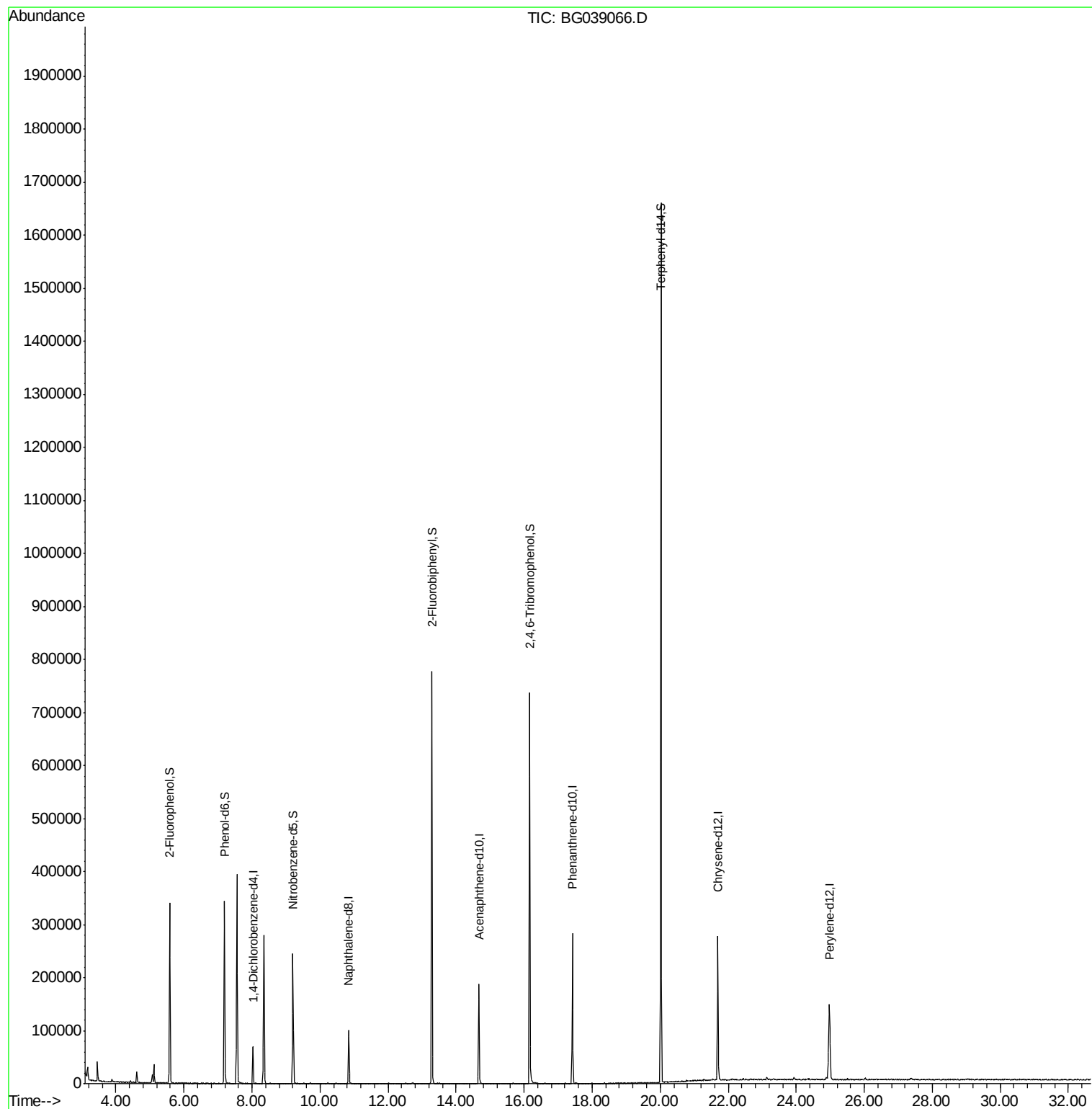
Target Compounds Qvalue

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

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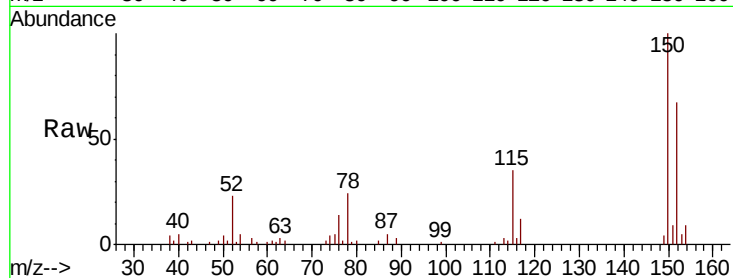


#1

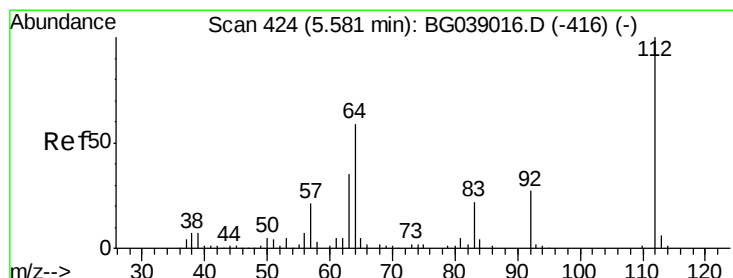
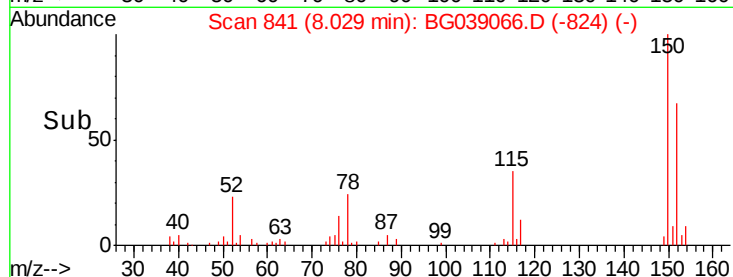
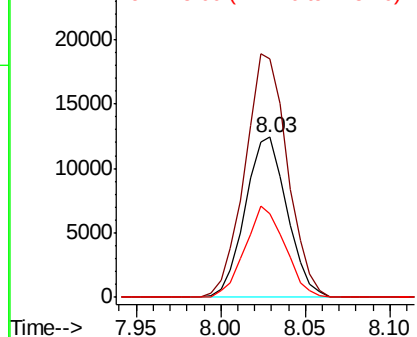
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG039066.D
Acq: 10 Jan 2019 23:54

Instrument :
BNA_G
ClientSampleId :
HR-06-010918-A

Tot Ion:152 Resp: 21371
Ion Ratio Lower Upper
152 100
150 149.2 124.7 187.1
115 52.6 46.5 69.7



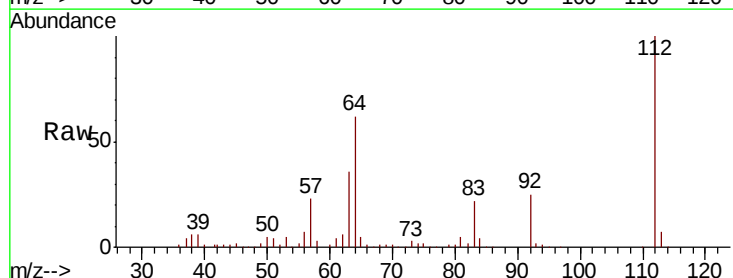
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



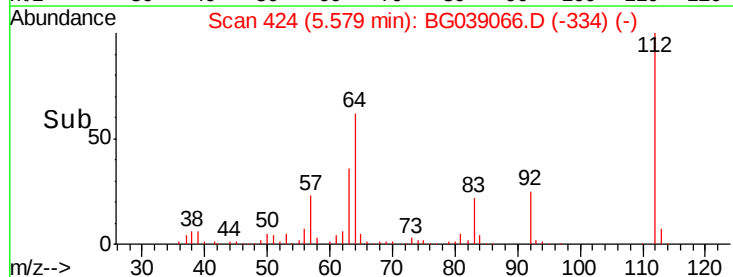
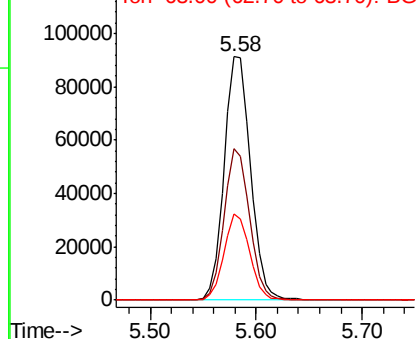
#5

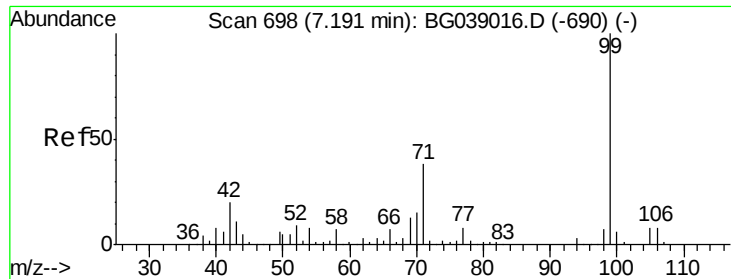
2-Fluorophenol
Concen: 140.470 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG039066.D
Acq: 10 Jan 2019 23:54

Tgt Ion:112 Resp: 158251
Ion Ratio Lower Upper
112 100
64 62.1 47.0 70.6
63 35.6 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: 124.187 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG039066.D

Acq: 10 Jan 2019 23:54

Instrument :

BNA_G

ClientSampleId :

HR-06-010918-A

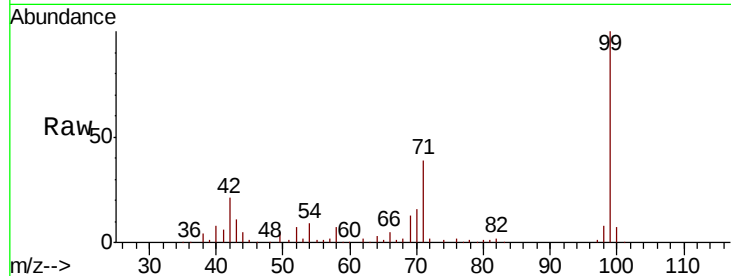
Tot Ion: 99 Resp: 201343

Ion Ratio Lower Upper

99 100

42 20.7 15.8 23.6

71 38.8 30.2 45.4

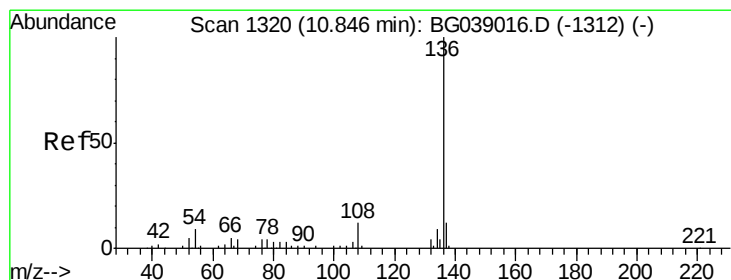
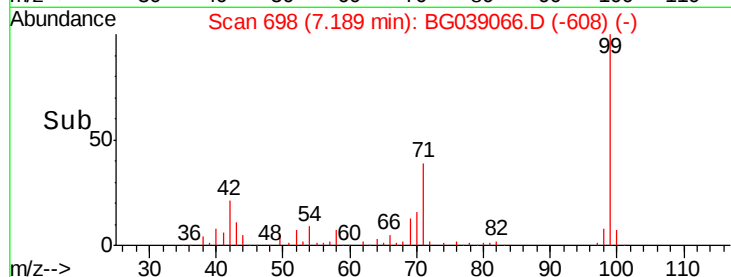
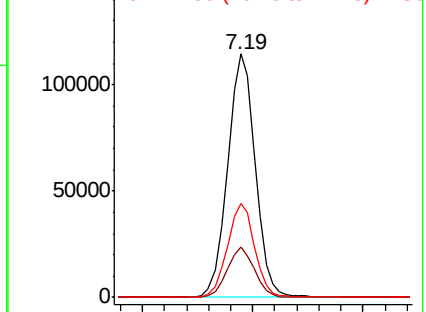


Abundance

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: BG039066.D

Acq: 10 Jan 2019 23:54

Tgt Ion: 136 Resp: 90389

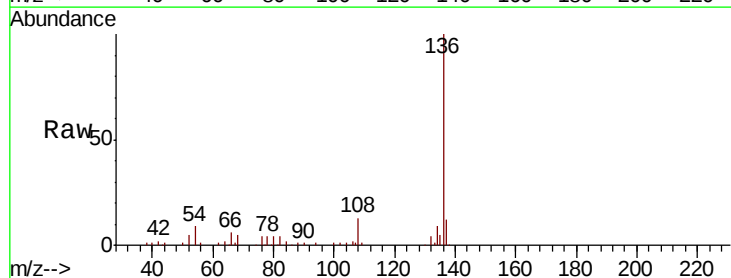
Ion Ratio Lower Upper

136 100

137 12.0 9.4 14.2

54 9.2 7.2 10.8

68 4.8 3.5 5.3



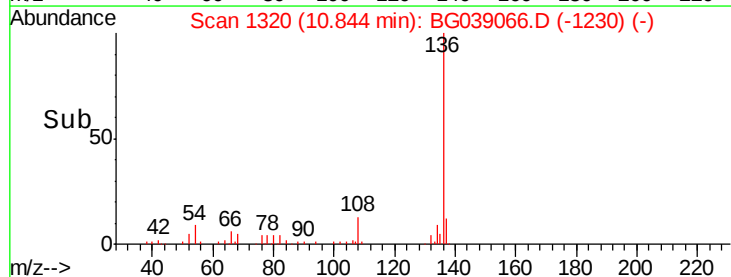
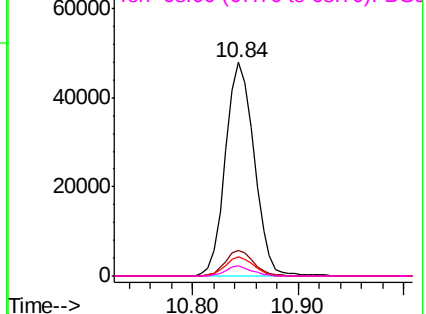
Abundance

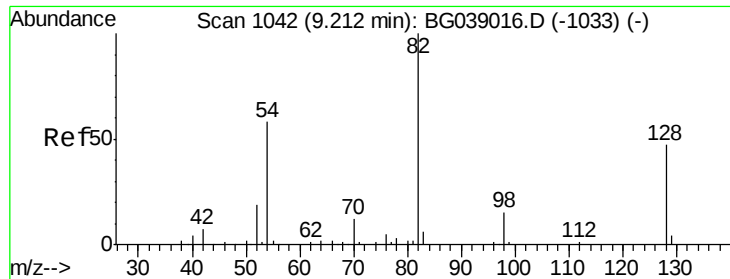
Ion 136.00 (135.70 to 136.70): BGC

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

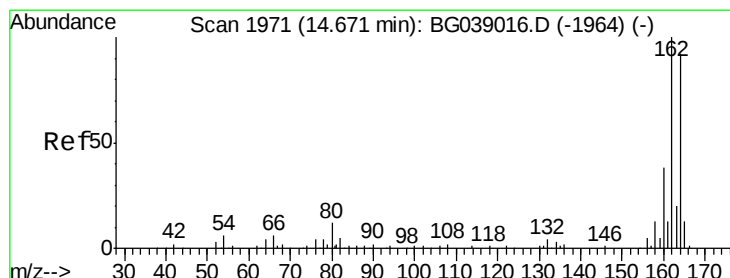
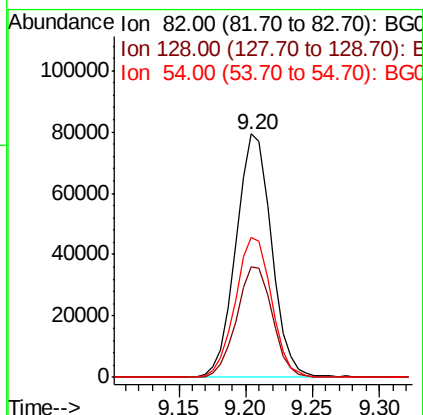
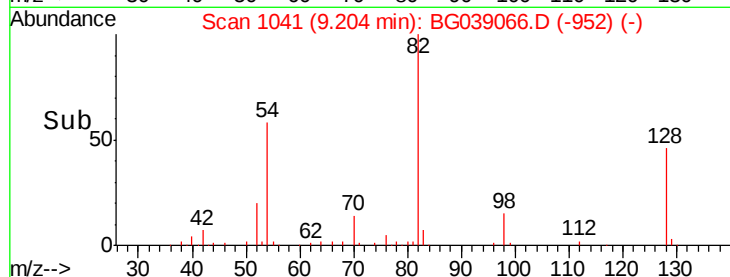
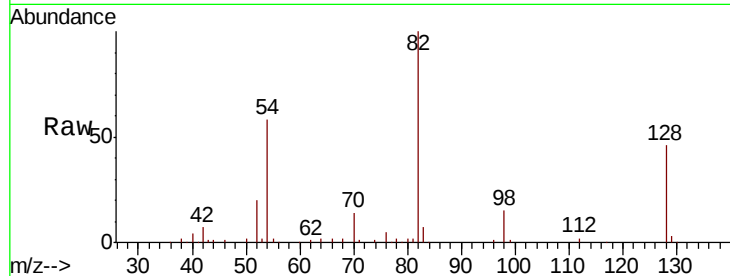




#23
 Nitrobenzene-d5
 Concen: 88.786 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG039066.D
 Acq: 10 Jan 2019 23:54

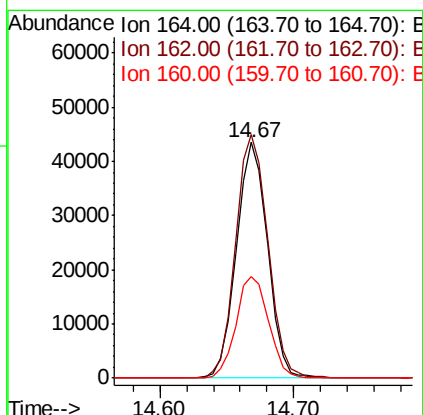
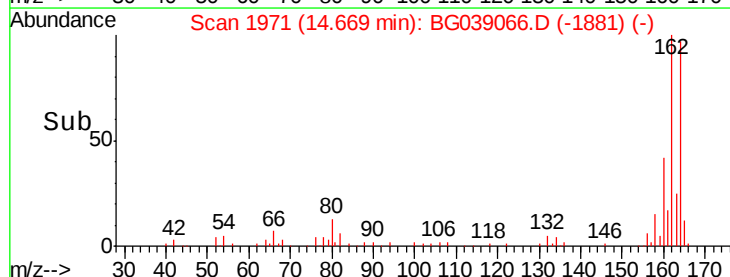
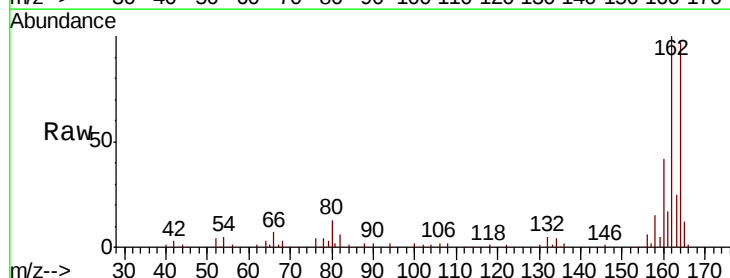
Instrument :
 BNA_G
 ClientSampleId :
 HR-06-010918-A

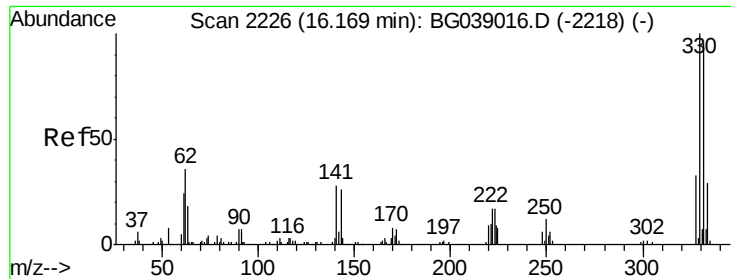
Tot Ion: 82 Resp: 146663
 Ion Ratio Lower Upper
 82 100
 128 45.6 37.3 55.9
 54 57.6 46.4 69.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.00 min
 Lab File: BG039066.D
 Acq: 10 Jan 2019 23:54

Tgt Ion: 164 Resp: 69857
 Ion Ratio Lower Upper
 164 100
 162 103.3 87.2 130.8
 160 43.0 33.3 49.9





#42

2,4,6-Tribromophenol

Concen: 141.890 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG039066.D

Acq: 10 Jan 2019 23:54

Instrument :

BNA_G

ClientSampleId :

HR-06-010918-A

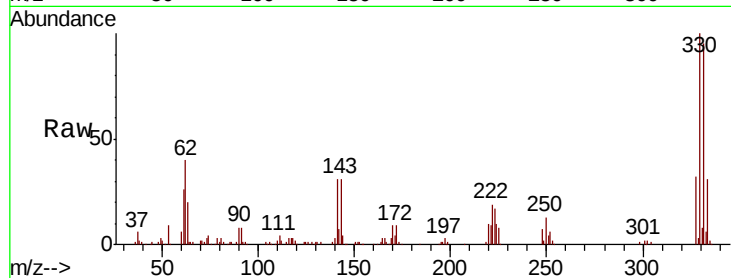
Tot Ion:330 Resp: 166153

Ion Ratio Lower Upper

330 100

332 96.8 75.7 113.5

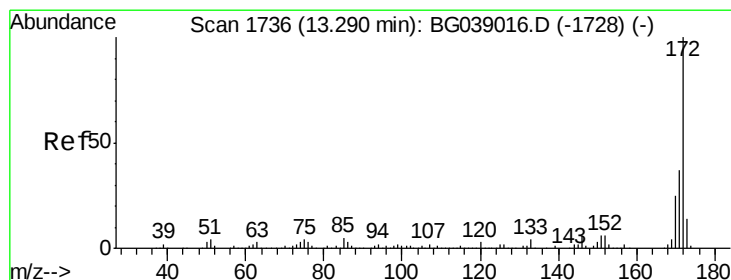
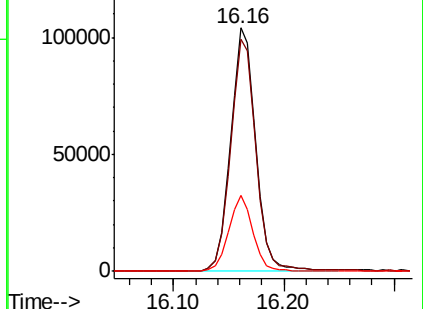
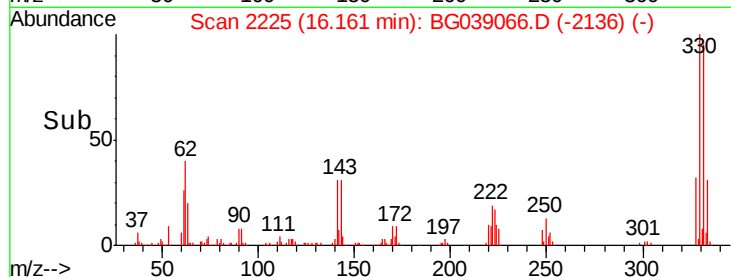
141 30.3 24.9 37.3



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: 85.768 ng

RT: 13.29 min Scan# 1736

Delta R.T. -0.00 min

Lab File: BG039066.D

Acq: 10 Jan 2019 23:54

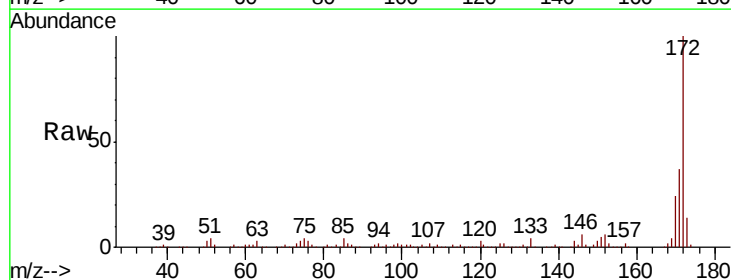
Tgt Ion:172 Resp: 437793

Ion Ratio Lower Upper

172 100

171 36.9 29.4 44.0

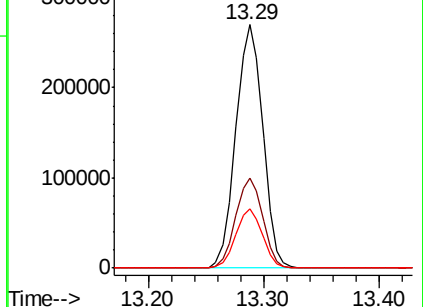
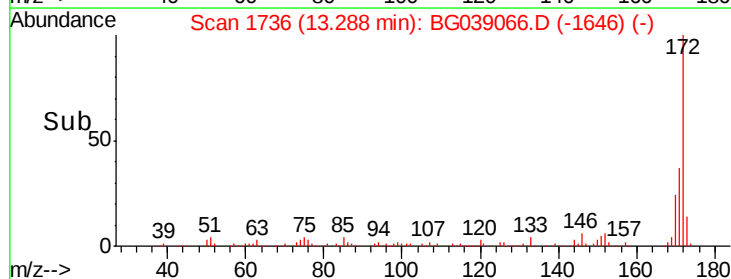
170 24.3 20.1 30.1

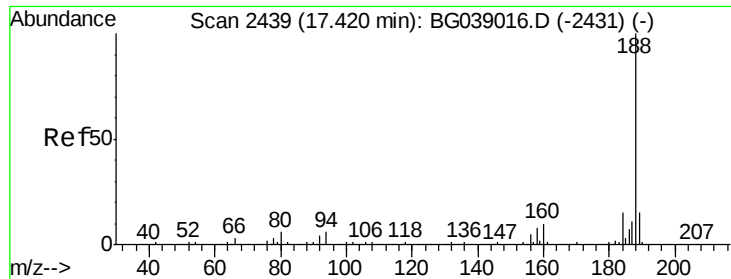


Abundance Ion 172.00 (171.70 to 172.70): E

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: BG039066.D

Acq: 10 Jan 2019 23:54

Instrument :

BNA_G

ClientSampleId :

HR-06-010918-A

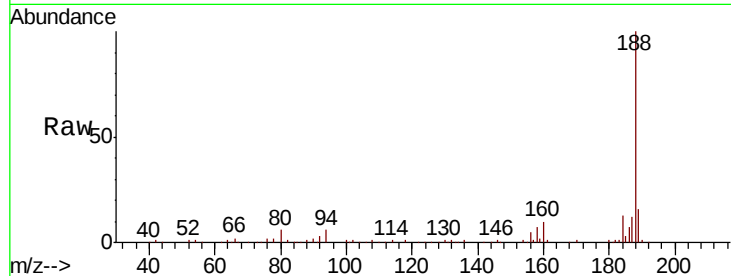
Tot Ion:188 Resp: 186056

Ion Ratio Lower Upper

188 100

94 6.4 5.0 7.4

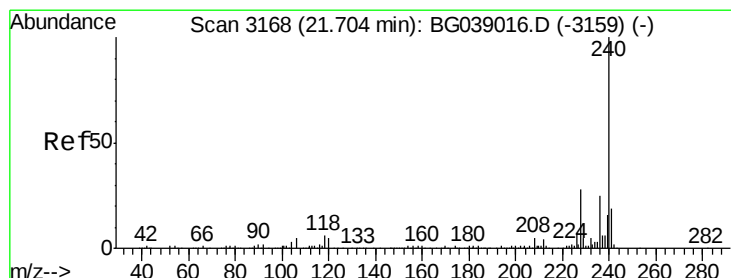
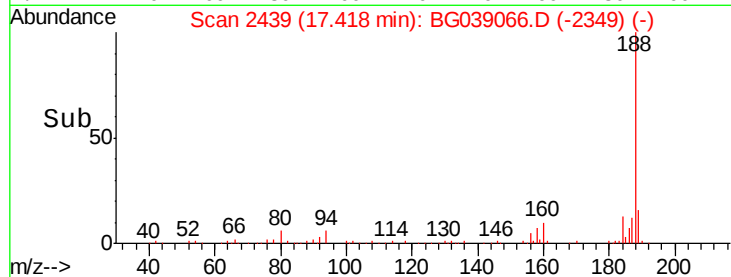
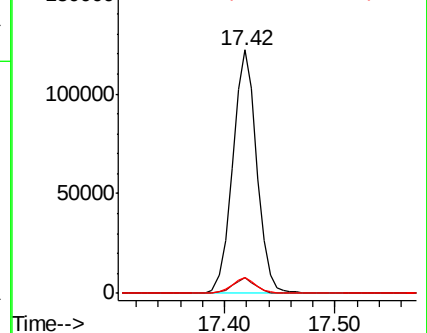
80 6.4 4.7 7.1



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: 21.70 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG039066.D

Acq: 10 Jan 2019 23:54

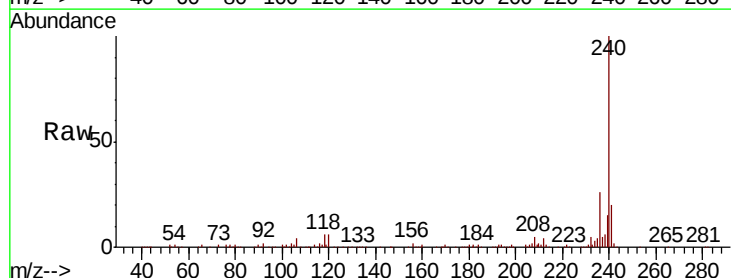
Tgt Ion:240 Resp: 174750

Ion Ratio Lower Upper

240 100

120 6.2 4.3 6.5

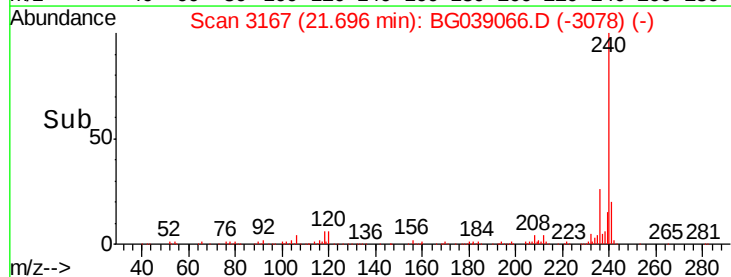
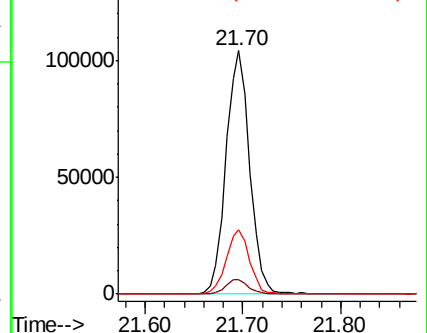
236 26.3 20.1 30.1

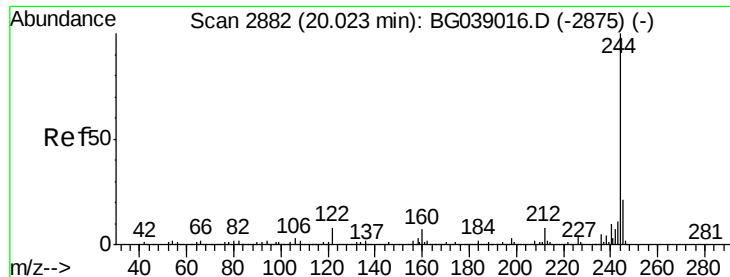


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 87.267 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG039066.D

Acq: 10 Jan 2019 23:54

Instrument :

BNA_G

ClientSampleId :

HR-06-010918-A

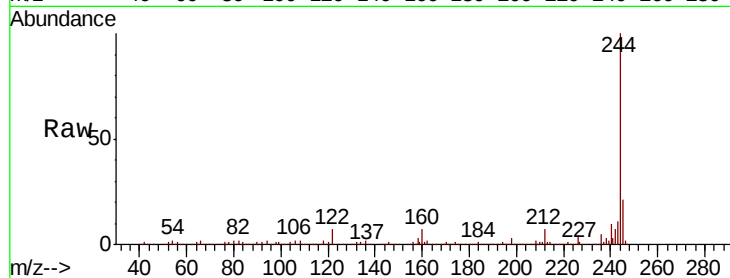
Tot Ion:244 Resp: 824369

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

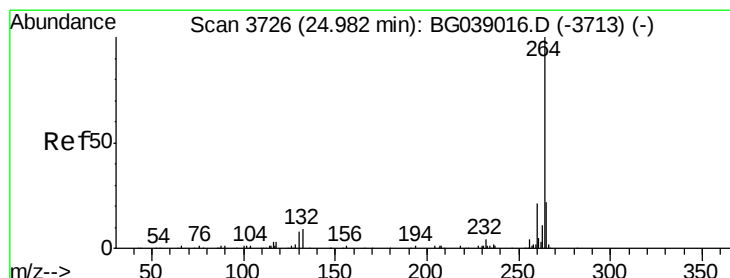
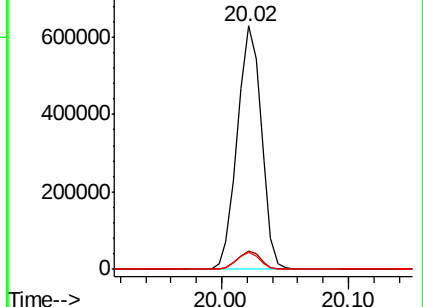
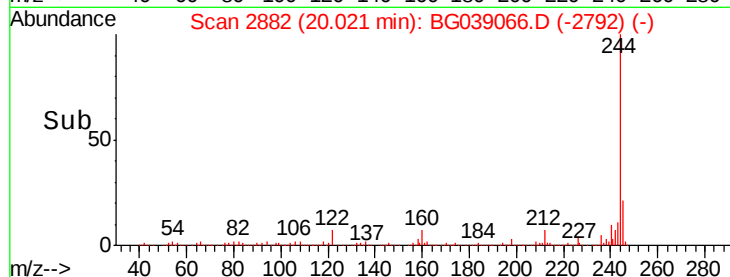
122 7.1 6.1 9.1



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: BG039066.D

Acq: 10 Jan 2019 23:54

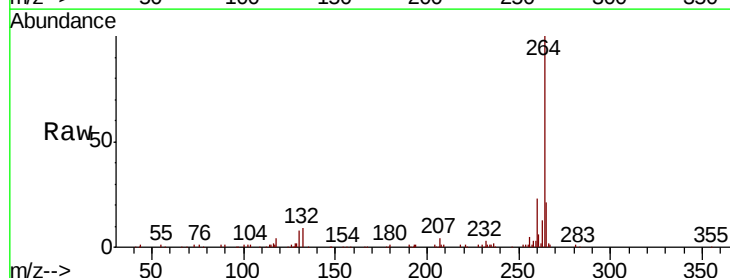
Tgt Ion:264 Resp: 185121

Ion Ratio Lower Upper

264 100

260 22.8 17.0 25.6

265 21.1 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

