

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010919\
 Data File : BG039051.D
 Acq On : 10 Jan 2019 12:09
 Operator : JU/SJ
 Sample : K1006-14
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-010819-G

Quant Time: Jan 10 13:38:23 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	21725	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	88343	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	66258	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	182847	20.00	ng	0.00
76) Chrysene-d12	21.70	240	191677	20.00	ng	0.00
87) Perylene-d12	24.97	264	213494	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	113100	98.76	ng	0.00
7) Phenol-d6	7.18	99	144109	87.44	ng	0.00
23) Nitrobenzene-d5	9.20	82	106185	65.77	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	114077	102.71	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	315296	65.12	ng	0.00
79) Terphenyl-d14	20.02	244	658185	63.52	ng	0.00

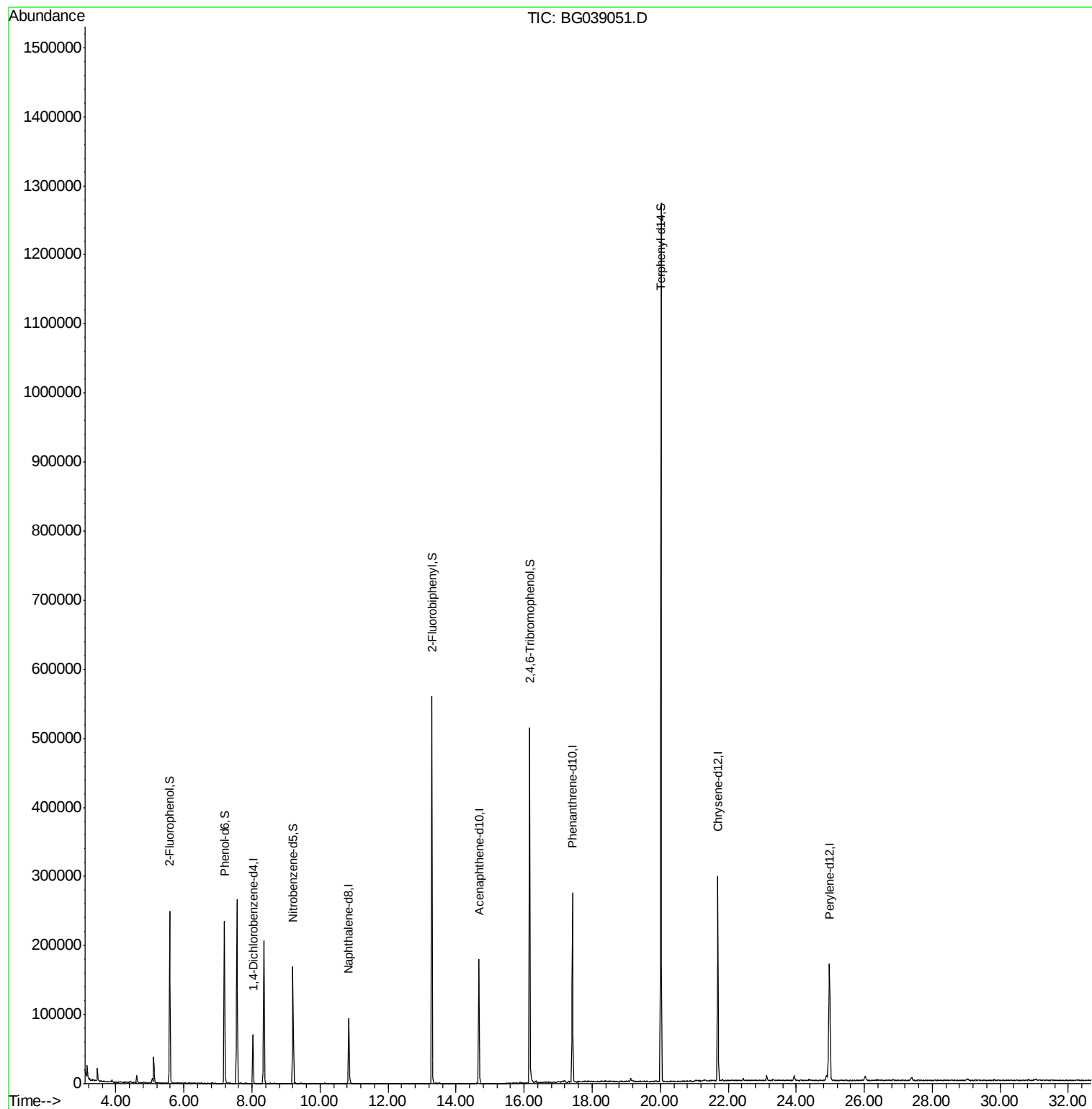
Target Compounds Qvalue

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

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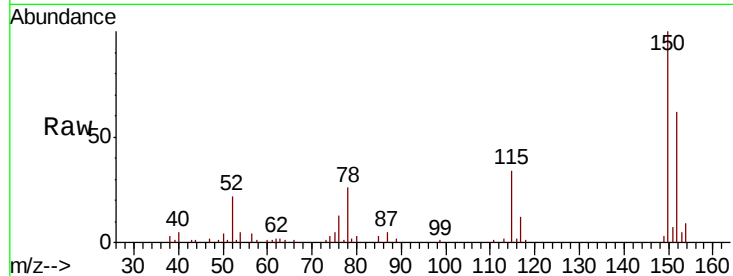


#1

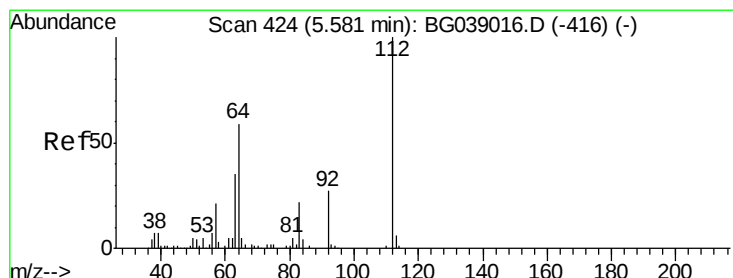
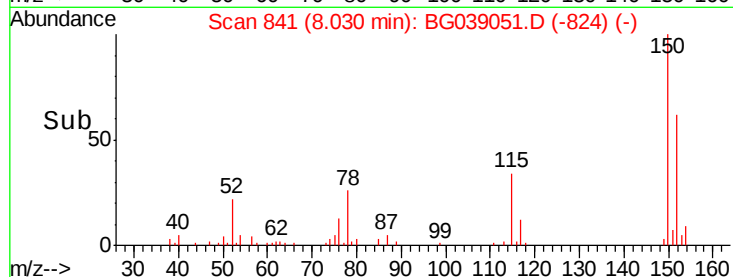
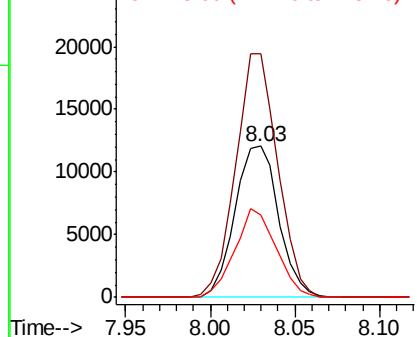
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG039051.D
Acq: 10 Jan 2019 12:09

Instrument :
BNA_G
ClientSampleId :
JC-03-010819-G

Tot Ion:152 Resp: 21725
Ion Ratio Lower Upper
152 100
150 161.3 124.7 187.1
115 54.5 46.5 69.7



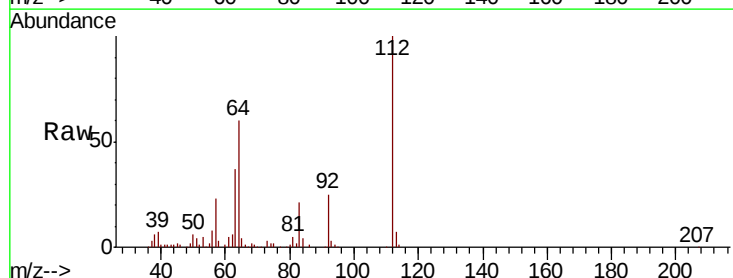
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



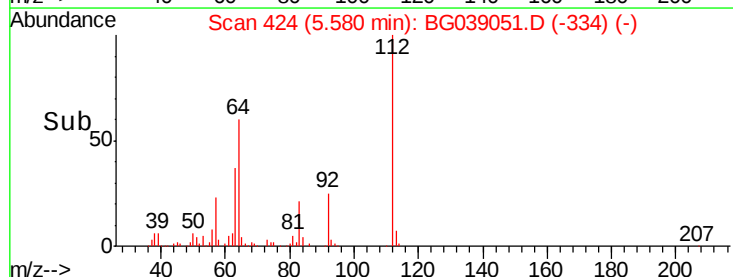
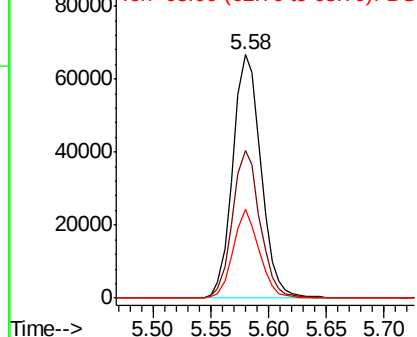
#5

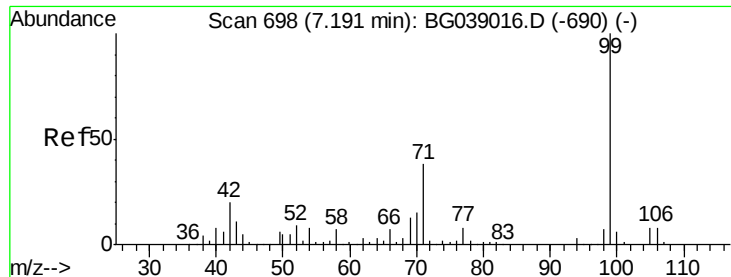
2-Fluorophenol
Concen: 98.757 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG039051.D
Acq: 10 Jan 2019 12:09

Tgt Ion:112 Resp: 113100
Ion Ratio Lower Upper
112 100
64 60.4 47.0 70.6
63 36.6 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: 87.437 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG039051.D

Acq: 10 Jan 2019 12:09

Instrument :

BNA_G

ClientSampleId :

JC-03-010819-G

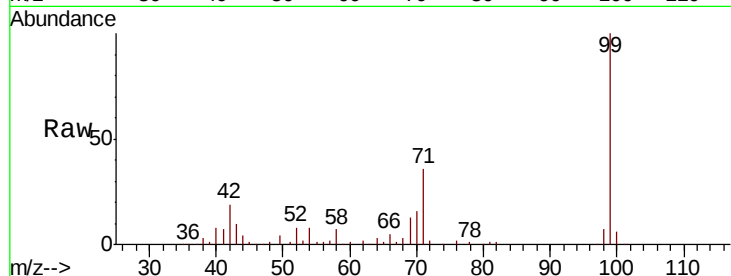
Tot Ion: 99 Resp: 144109

Ion Ratio Lower Upper

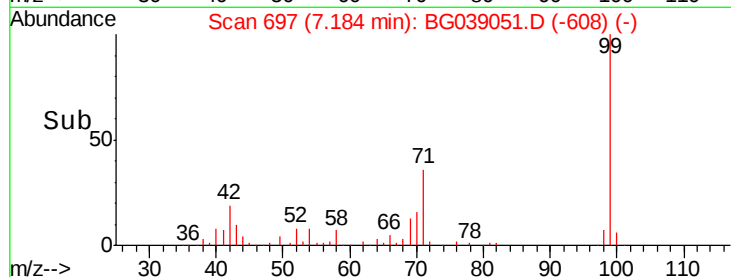
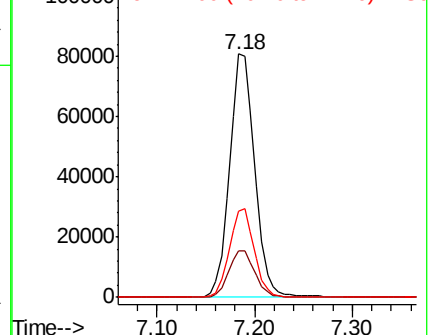
99 100

42 19.0 15.8 23.6

71 35.6 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: BG039051.D

Acq: 10 Jan 2019 12:09

Tgt Ion: 136 Resp: 88343

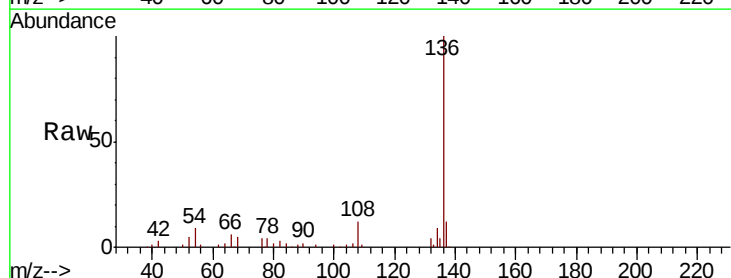
Ion Ratio Lower Upper

136 100

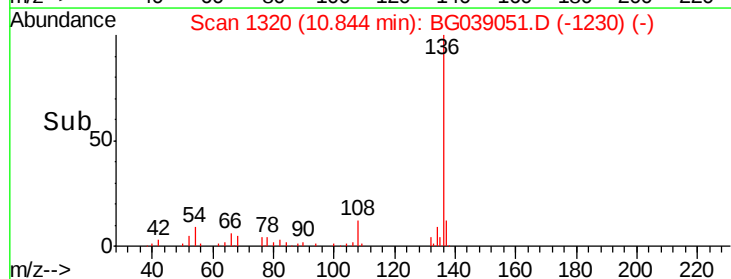
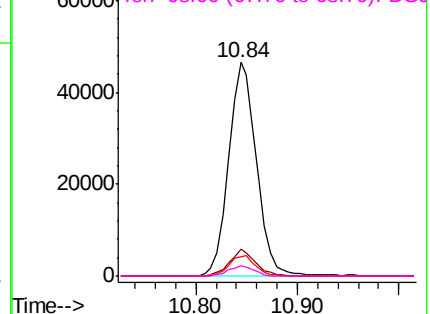
137 12.3 9.4 14.2

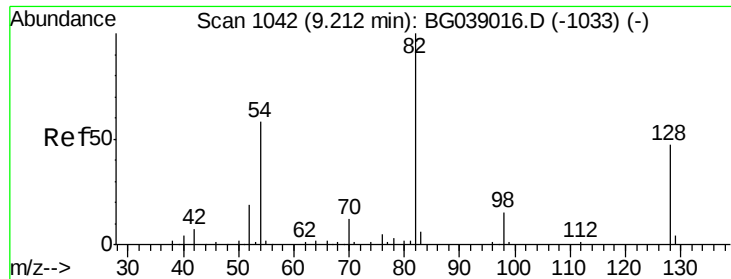
54 9.1 7.2 10.8

68 4.6 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

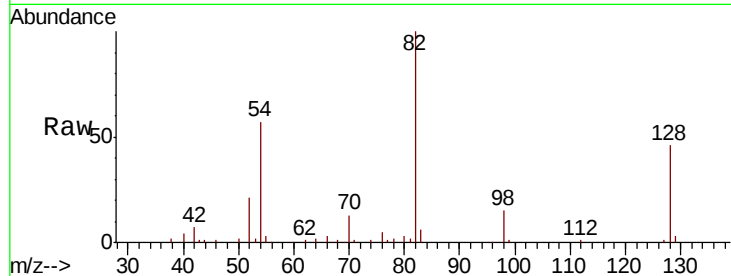




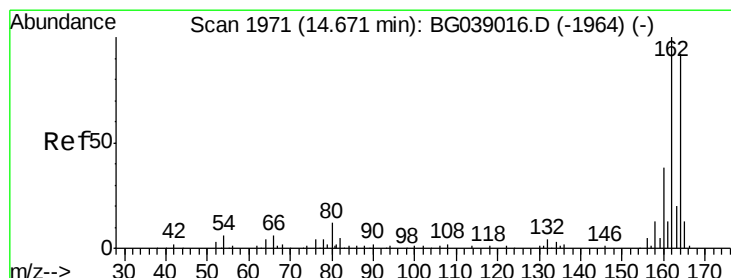
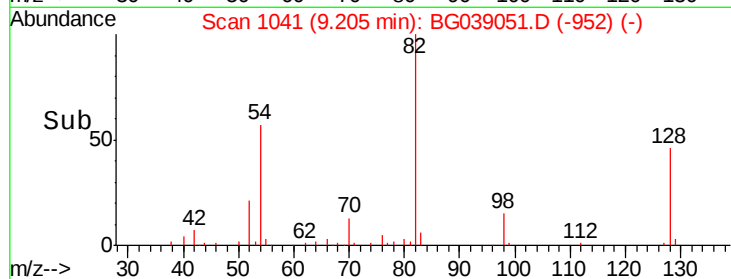
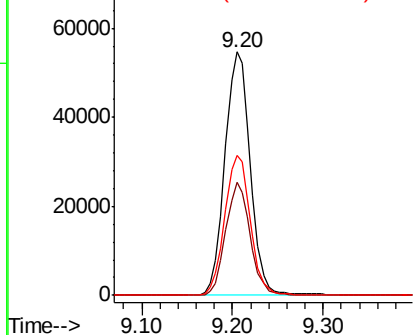
#23
 Nitrobenzene-d5
 Concen: 65.771 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG039051.D
 Acq: 10 Jan 2019 12:09

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-010819-G

Tot Ion	82	Resp	106185
Ion Ratio	100	Lower	Upper
128	46.4	37.3	55.9
54	57.3	46.4	69.6

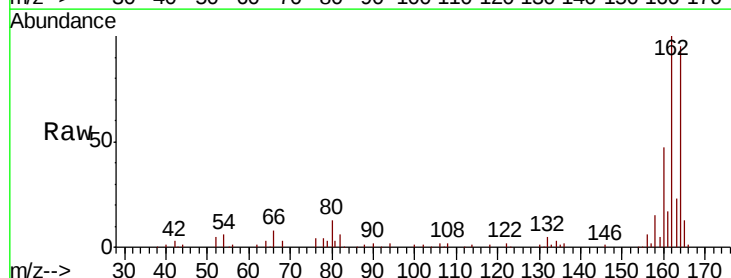


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

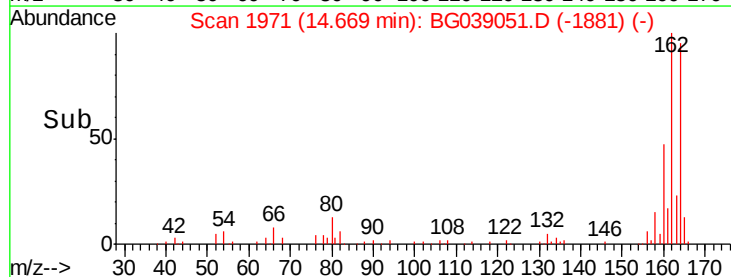
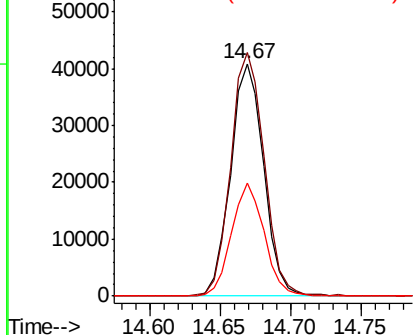


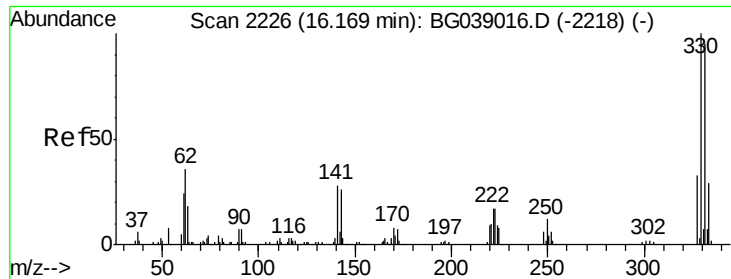
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.00 min
 Lab File: BG039051.D
 Acq: 10 Jan 2019 12:09

Tgt Ion	164	Resp	66258
Ion Ratio	100	Lower	Upper
162	104.9	87.2	130.8
160	48.9	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: 102.710 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG039051.D

Acq: 10 Jan 2019 12:09

Instrument :

BNA_G

ClientSampleId :

JC-03-010819-G

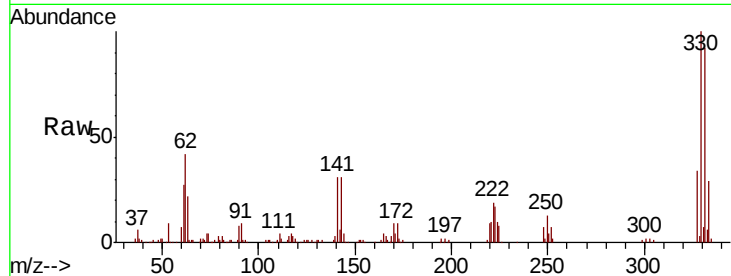
Tot Ion:330 Resp: 114077

Ion Ratio Lower Upper

330 100

332 93.2 75.7 113.5

141 30.4 24.9 37.3

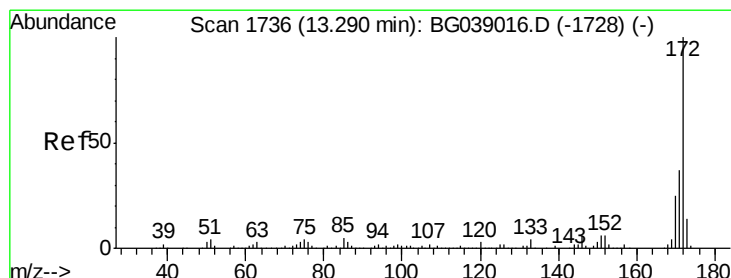
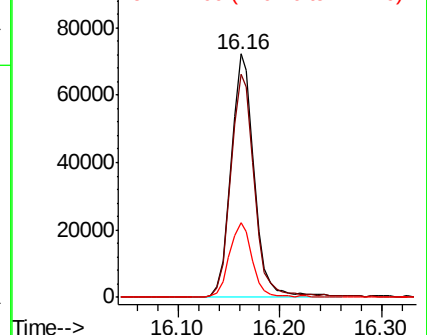
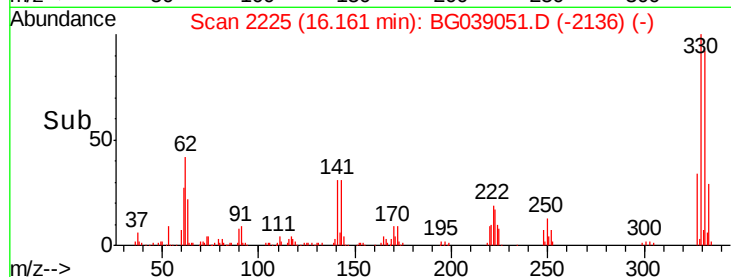


Abundance

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: 65.125 ng

RT: 13.29 min Scan# 1736

Delta R.T. -0.00 min

Lab File: BG039051.D

Acq: 10 Jan 2019 12:09

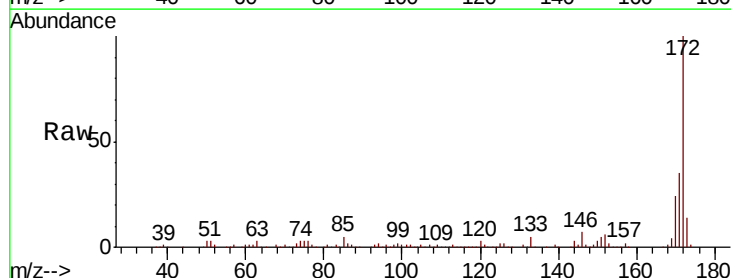
Tgt Ion:172 Resp: 315296

Ion Ratio Lower Upper

172 100

171 35.5 29.4 44.0

170 24.1 20.1 30.1

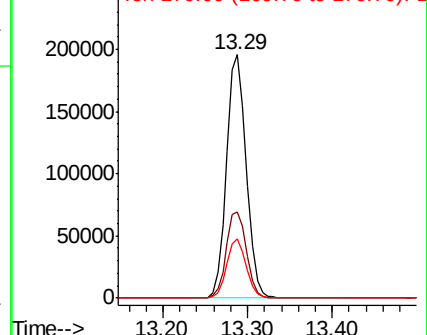
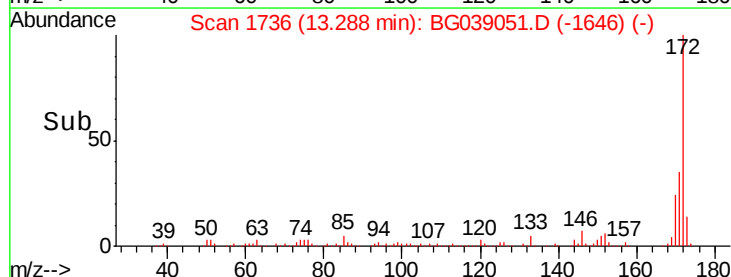


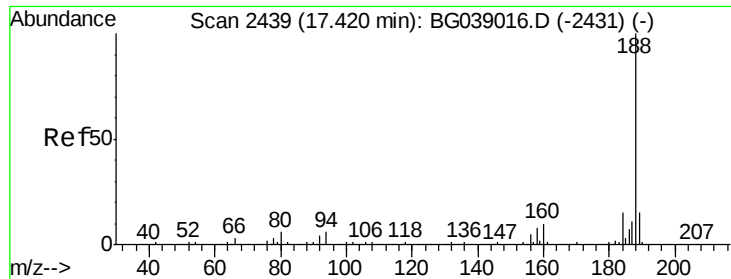
Abundance

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

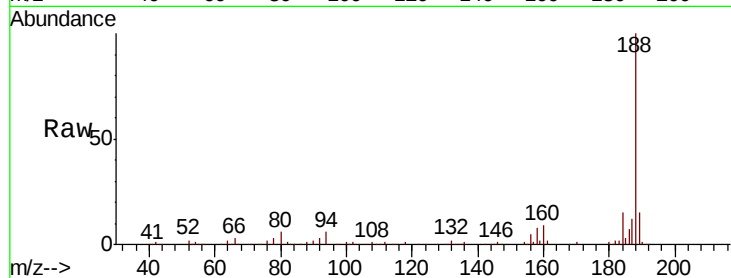




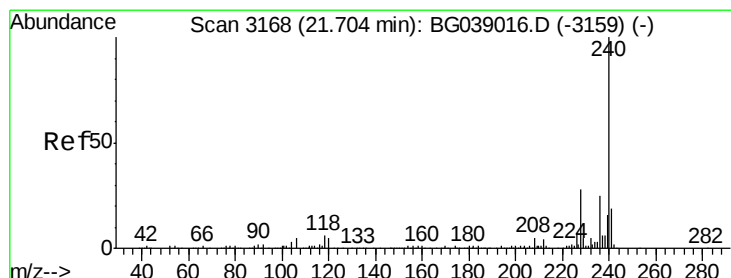
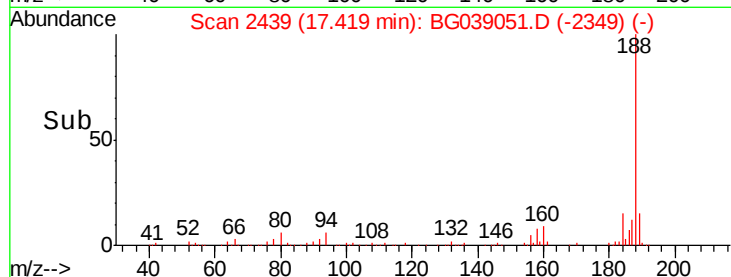
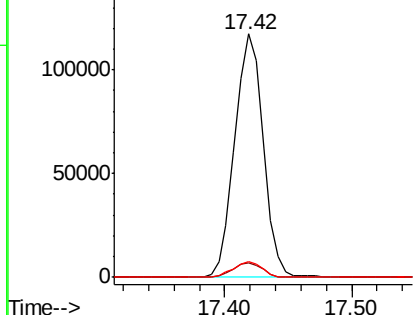
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG039051.D
Acq: 10 Jan 2019 12:09

Instrument :
BNA_G
ClientSampleId :
JC-03-010819-G

Tot Ion:188 Resp: 182847
Ion Ratio Lower Upper
188 100
94 5.8 5.0 7.4
80 6.3 4.7 7.1

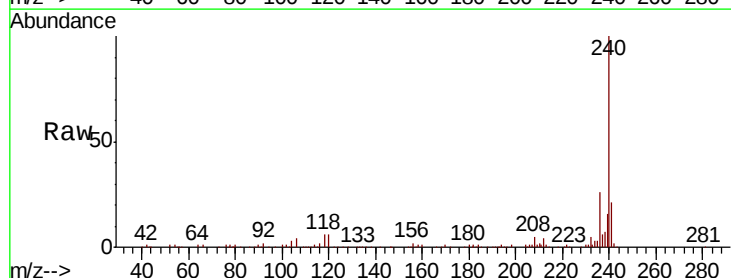


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

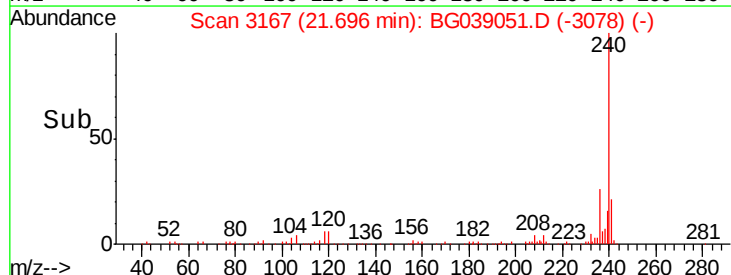
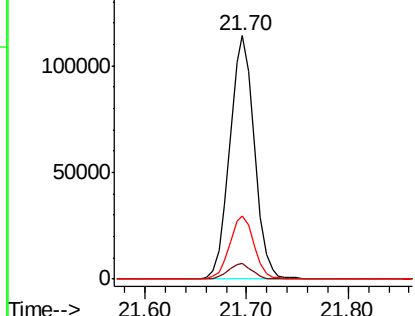


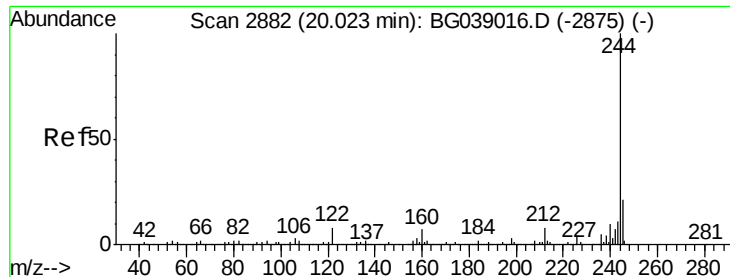
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BG039051.D
Acq: 10 Jan 2019 12:09

Tgt Ion:240 Resp: 191677
Ion Ratio Lower Upper
240 100
120 6.2 4.3 6.5
236 26.1 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: 63.522 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG039051.D

Acq: 10 Jan 2019 12:09

Instrument :

BNA_G

ClientSampleId :

JC-03-010819-G

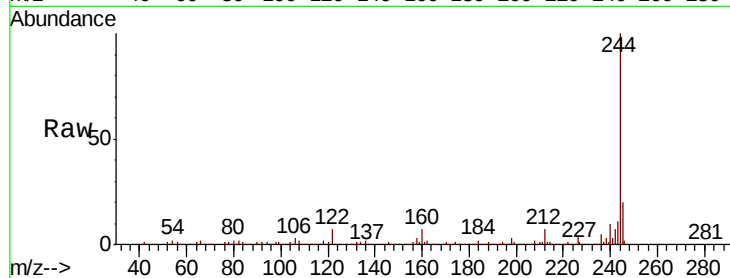
Tot Ion:244 Resp: 658185

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

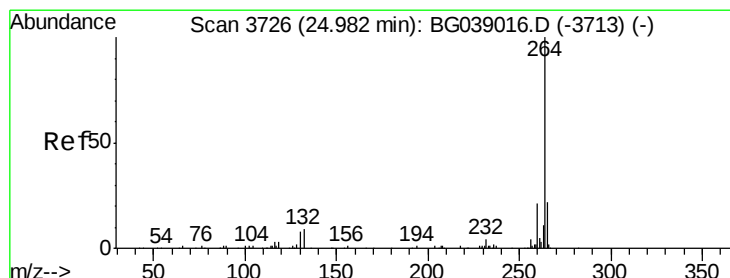
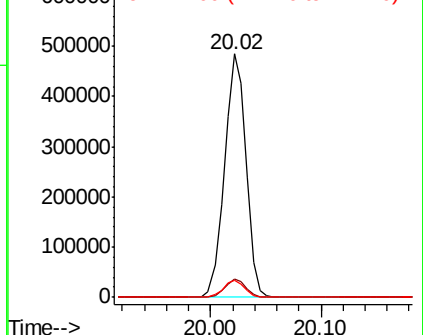
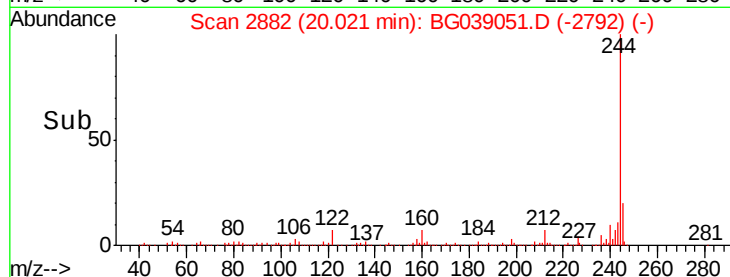
122 7.2 6.1 9.1



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: BG039051.D

Acq: 10 Jan 2019 12:09

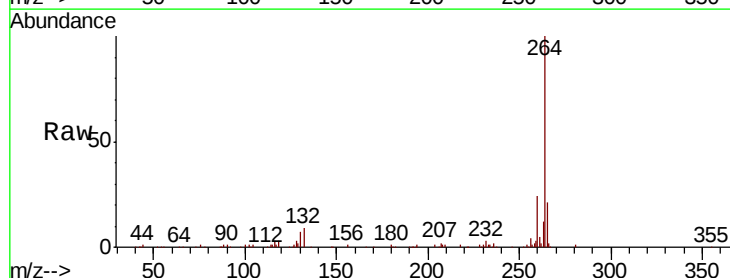
Tgt Ion:264 Resp: 213494

Ion Ratio Lower Upper

264 100

260 23.5 17.0 25.6

265 21.3 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

