

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011119\
 Data File : BG039093.D
 Acq On : 11 Jan 2019 20:06
 Operator : JU/SJ
 Sample : K1099-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-15

Quant Time: Jan 12 00:38:26 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	8.02	152	30352	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	117244	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	77816	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	209261	20.00	ng	0.00
76) Chrysene-d12	21.69	240	222209	20.00	ng	-0.01
87) Perylene-d12	24.96	264	231073	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	221808	138.63	ng	0.00
7) Phenol-d6	7.18	99	267347	116.11	ng	0.00
23) Nitrobenzene-d5	9.20	82	205276	95.81	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	163473	125.32	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	523852	92.13	ng	0.00
79) Terphenyl-d14	20.02	244	1062299	88.44	ng	0.00

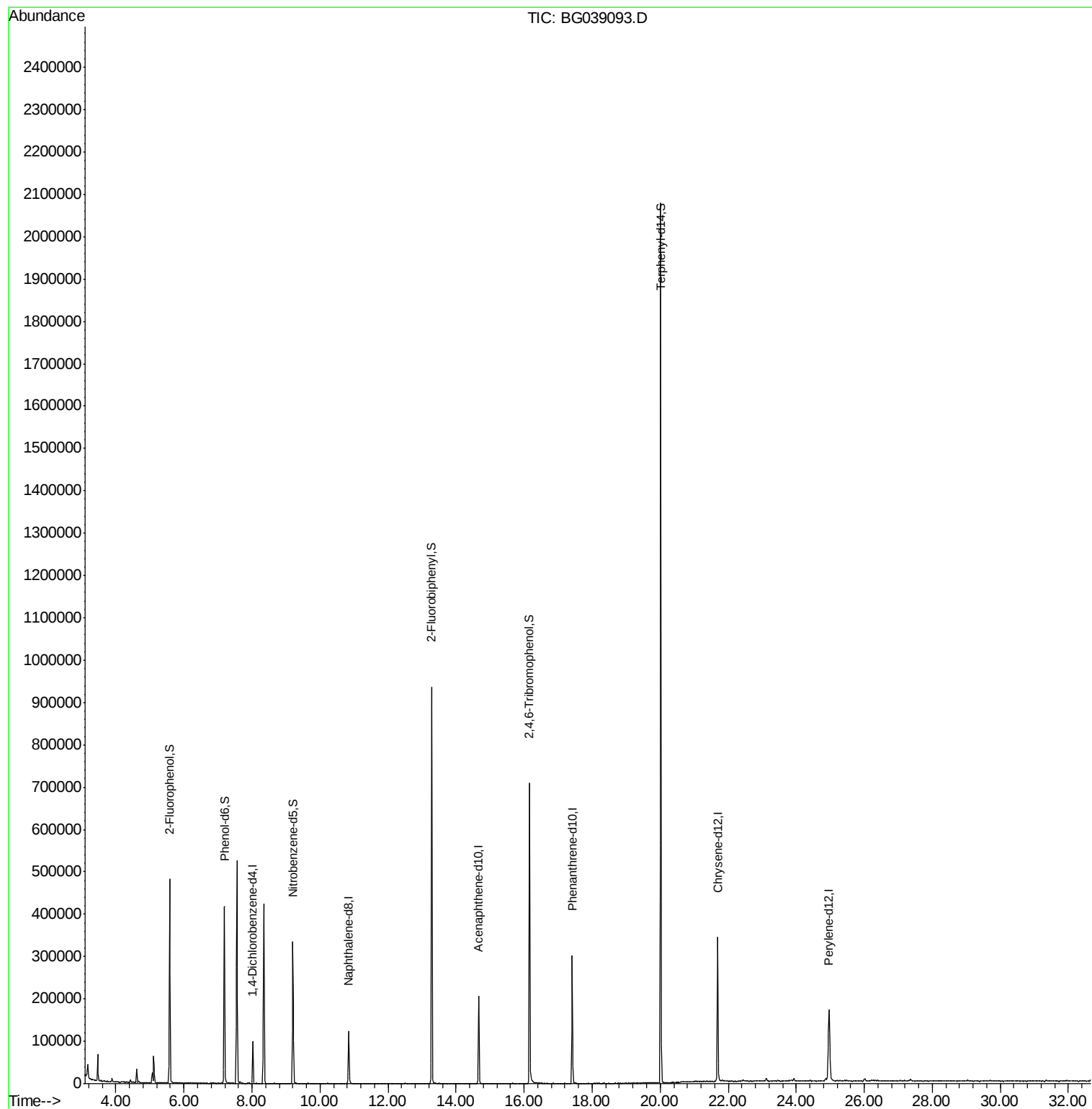
Target Compounds Qvalue

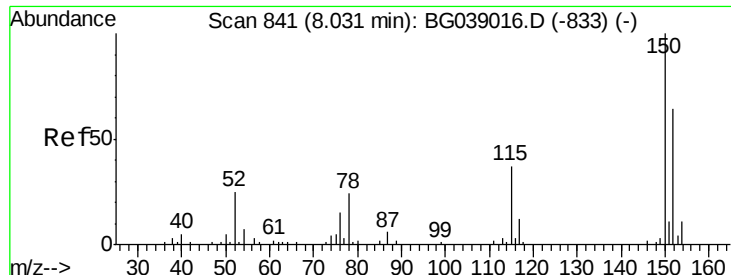
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011119\
Data File : BG039093.D
Acq On : 11 Jan 2019 20:06
Operator : JU/SJ
Sample : K1099-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-15

Quant Time: Jan 12 00:38:26 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



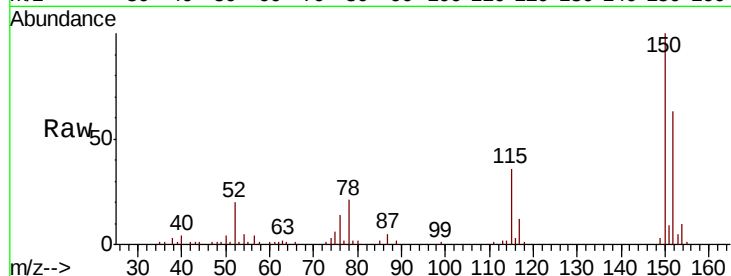


#1

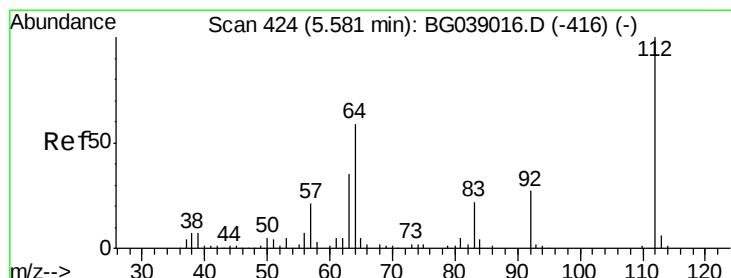
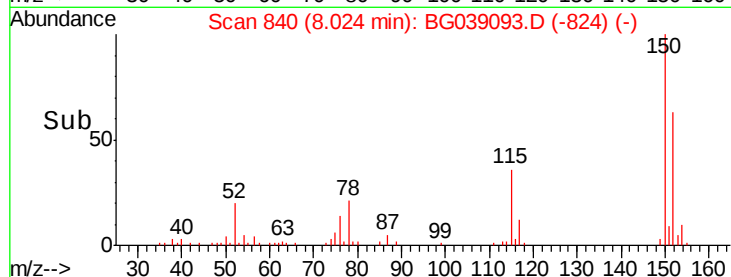
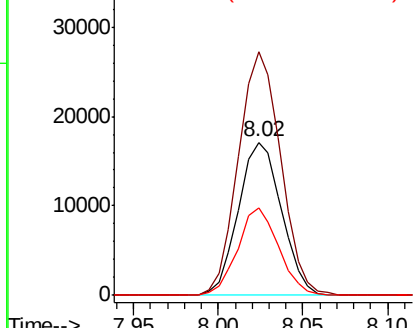
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG039093.D
Acq: 11 Jan 2019 20:06

Instrument :
BNA_G
ClientSampleId :
TP-15

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	124.7	187.1
115	57.2	46.5	69.7



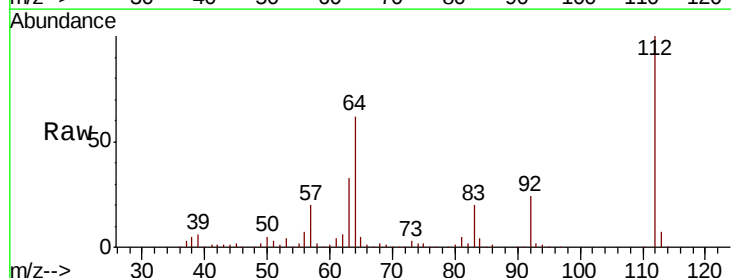
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



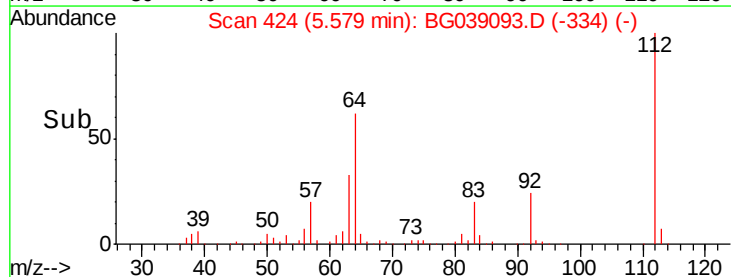
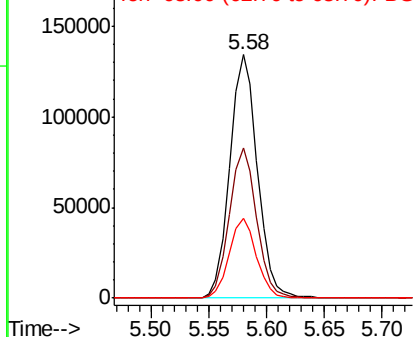
#5

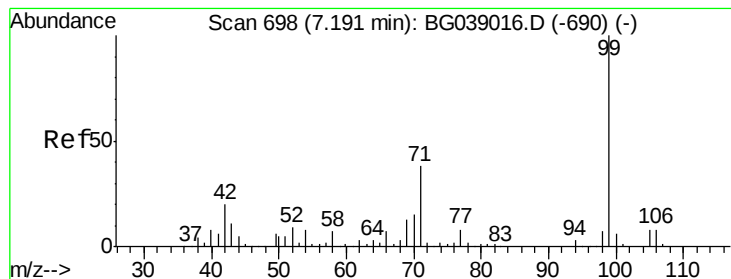
2-Fluorophenol
Concen: 138.629 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG039093.D
Acq: 11 Jan 2019 20:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.9	47.0	70.6
63	33.0	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: 116.105 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG039093.D

Acq: 11 Jan 2019 20:06

Instrument :

BNA_G

ClientSampleId :

TP-15

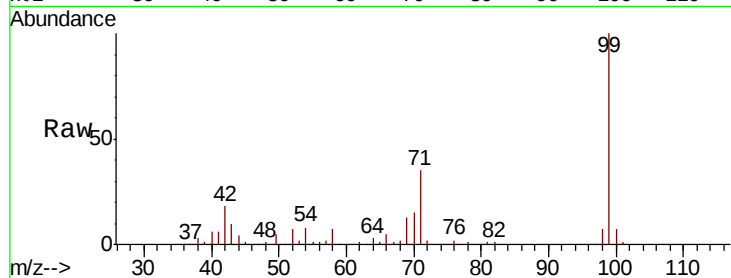
Tot Ion: 99 Resp: 267347

Ion Ratio Lower Upper

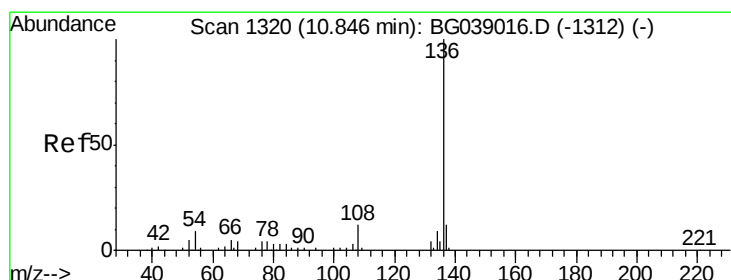
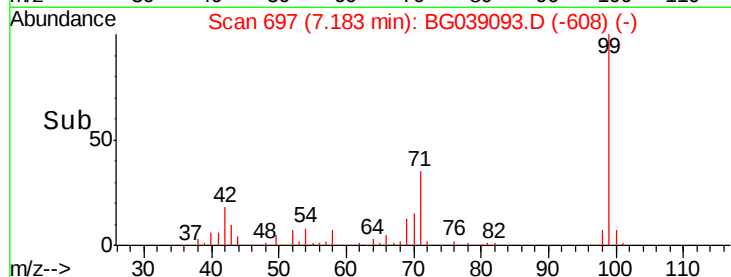
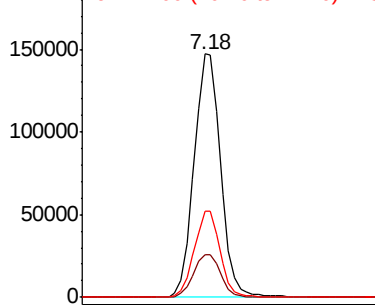
99 100

42 17.6 15.8 23.6

71 35.4 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: 10.84 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BG039093.D

Acq: 11 Jan 2019 20:06

Tgt Ion: 136 Resp: 117244

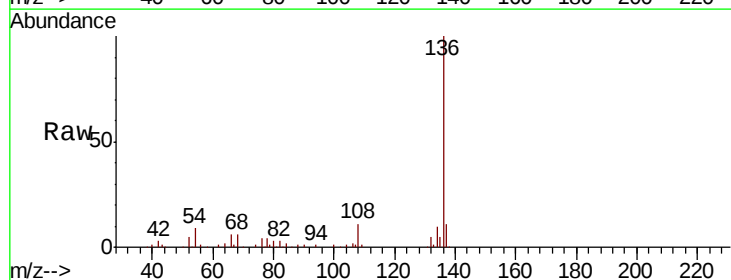
Ion Ratio Lower Upper

136 100

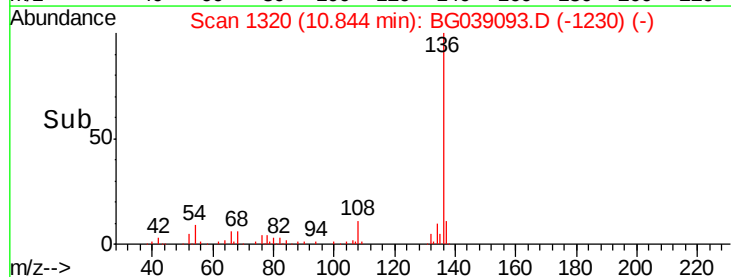
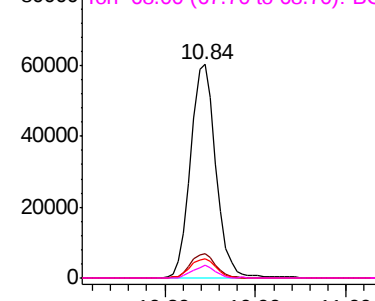
137 11.5 9.4 14.2

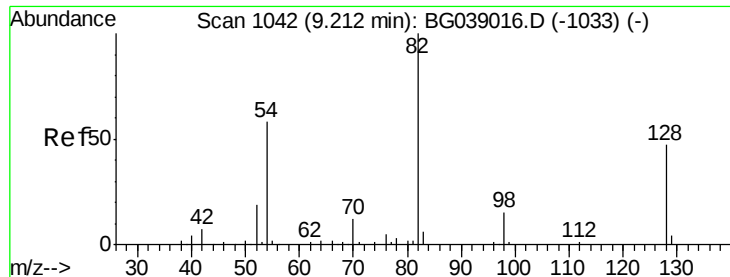
54 8.8 7.2 10.8

68 5.8 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

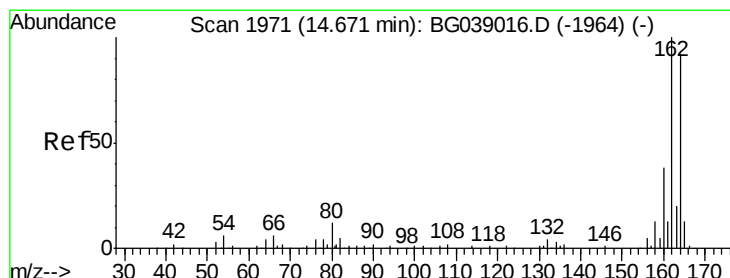
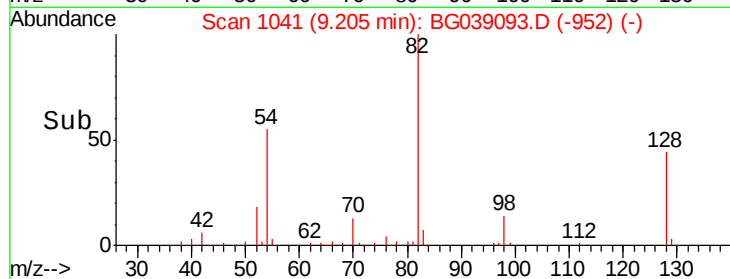
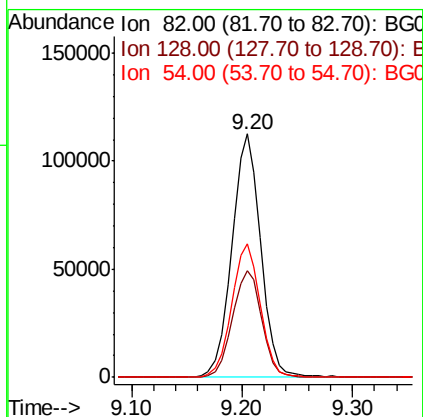
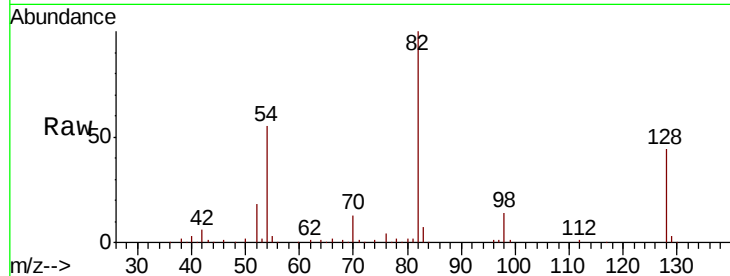




#23
 Nitrobenzene-d5
 Concen: 95.805 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG039093.D
 Acq: 11 Jan 2019 20:06

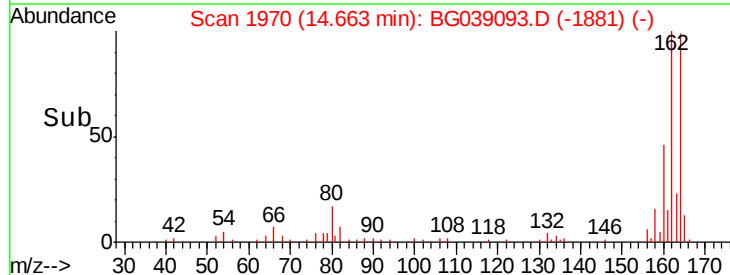
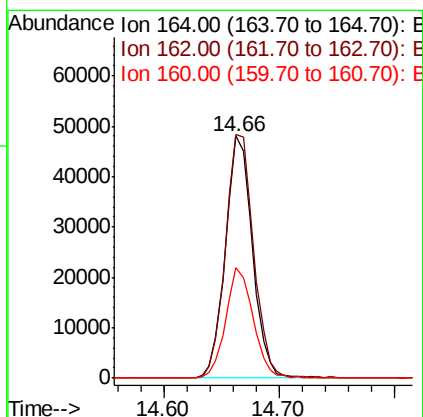
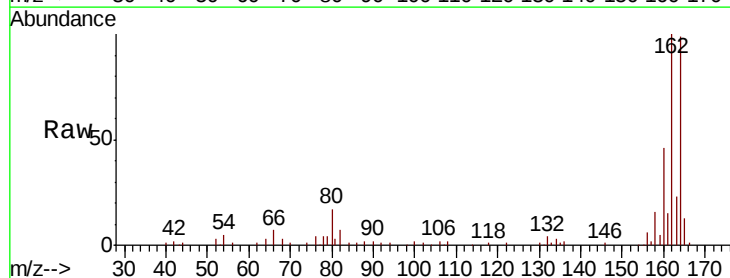
Instrument :
 BNA_G
 ClientSampleId :
 TP-15

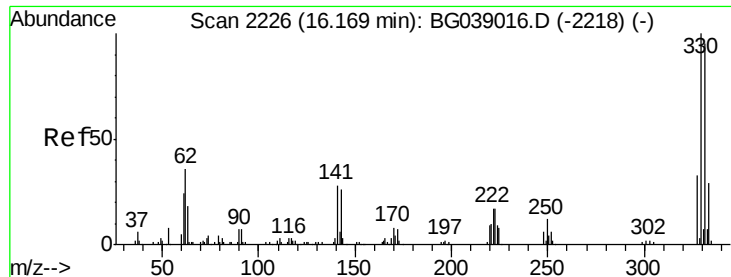
Tot Ion: 82 Resp: 205276
 Ion Ratio Lower Upper
 82 100
 128 43.9 37.3 55.9
 54 55.0 46.4 69.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.01 min
 Lab File: BG039093.D
 Acq: 11 Jan 2019 20:06

Tgt Ion: 164 Resp: 77816
 Ion Ratio Lower Upper
 164 100
 162 100.7 87.2 130.8
 160 45.9 33.3 49.9





#42

2,4,6-Tribromophenol

Concen: 125.323 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG039093.D

Acq: 11 Jan 2019 20:06

Instrument :

BNA_G

ClientSampleId :

TP-15

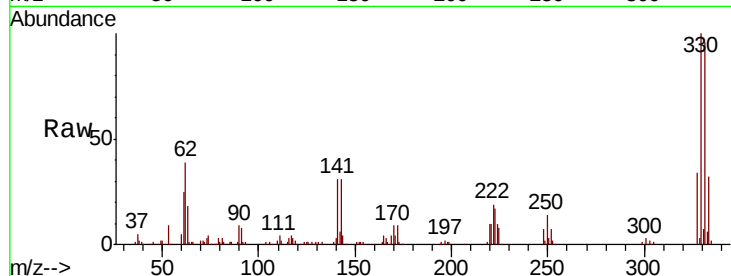
Tot Ion:330 Resp: 163473

Ion Ratio Lower Upper

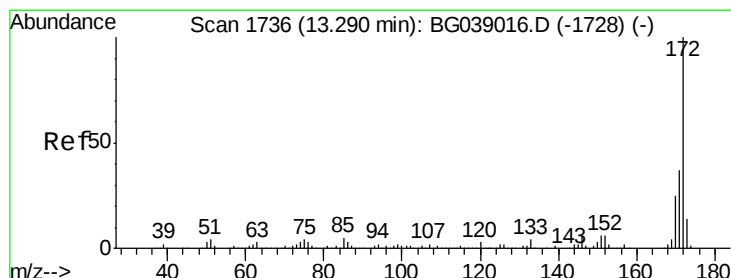
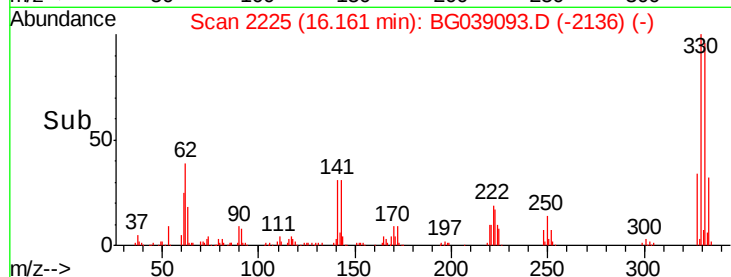
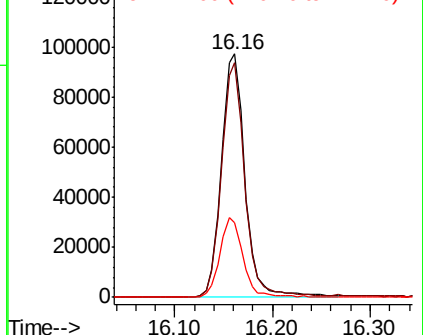
330 100

332 95.0 75.7 113.5

141 32.2 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: 92.131 ng

RT: 13.28 min Scan# 1735

Delta R.T. -0.01 min

Lab File: BG039093.D

Acq: 11 Jan 2019 20:06

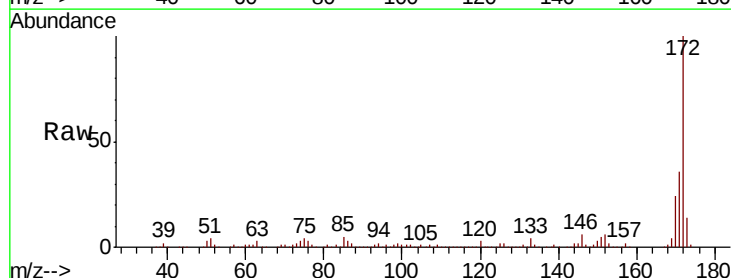
Tgt Ion:172 Resp: 523852

Ion Ratio Lower Upper

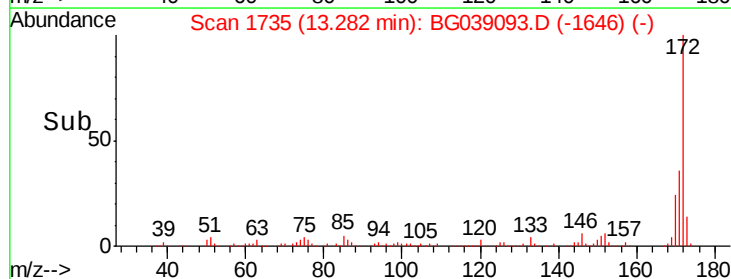
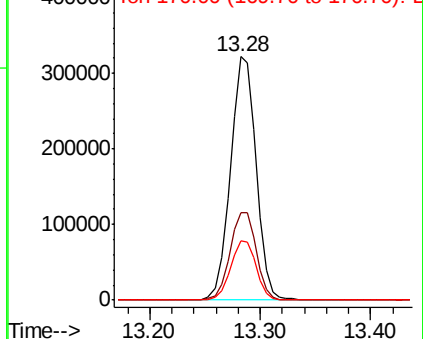
172 100

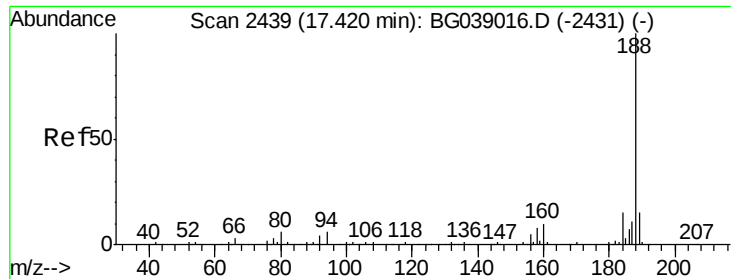
171 36.0 29.4 44.0

170 24.5 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: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG039093.D

Acq: 11 Jan 2019 20:06

Instrument :

BNA_G

ClientSampleId :

TP-15

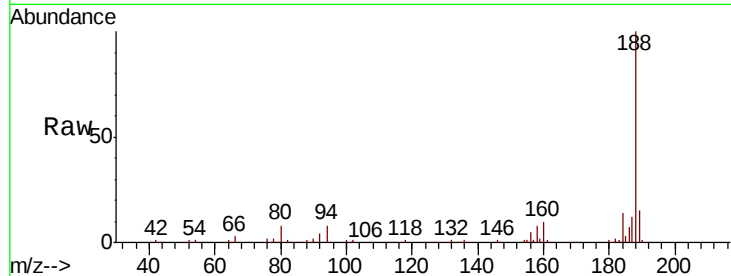
Tot Ion:188 Resp: 209261

Ion Ratio Lower Upper

188 100

94 7.6 5.0 7.4#

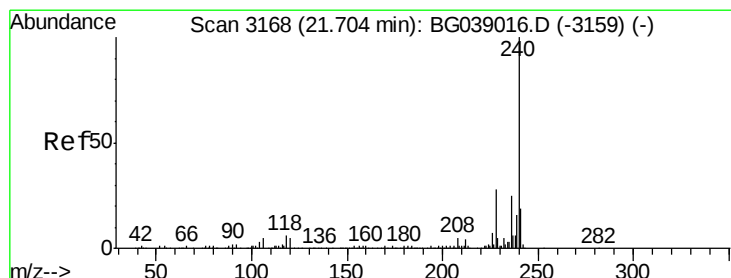
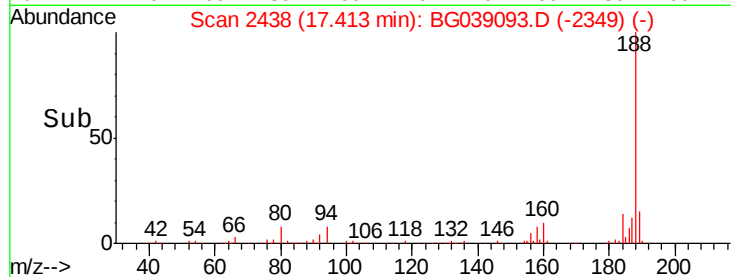
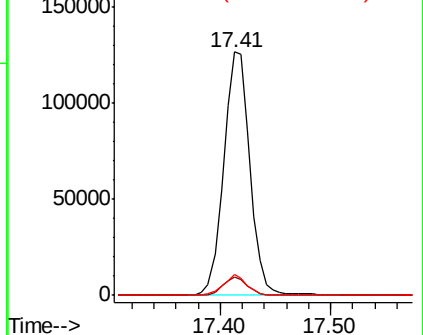
80 8.4 4.7 7.1#



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: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG039093.D

Acq: 11 Jan 2019 20:06

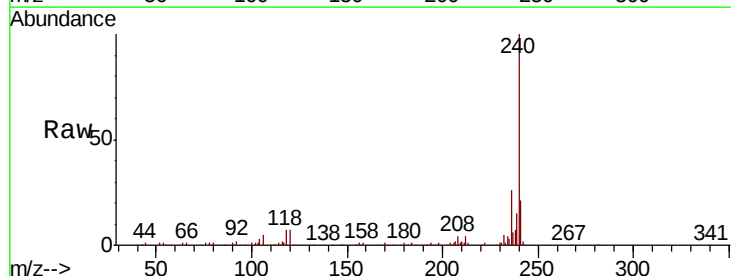
Tgt Ion:240 Resp: 222209

Ion Ratio Lower Upper

240 100

120 7.4 4.3 6.5#

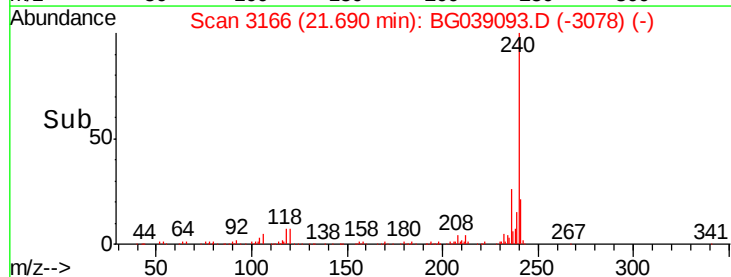
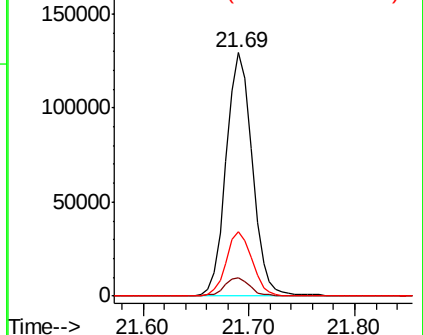
236 26.5 20.1 30.1

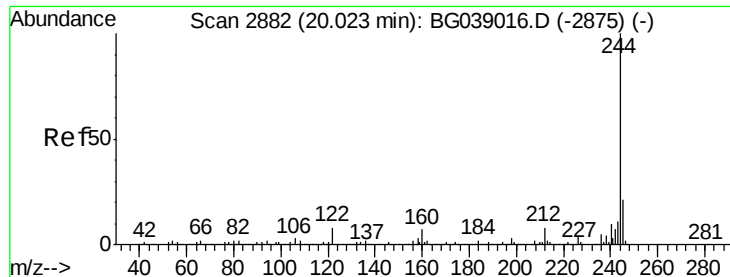


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 88.437 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG039093.D

Acq: 11 Jan 2019 20:06

Instrument :

BNA_G

ClientSampled :

TP-15

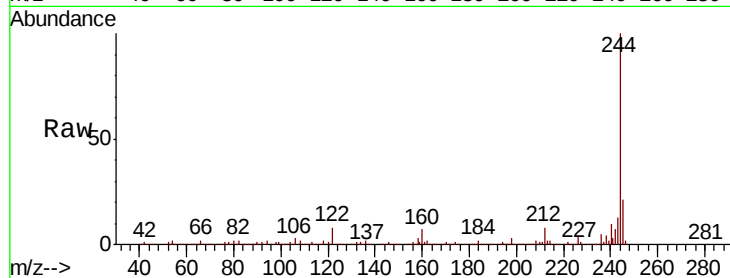
Tot Ion:244 Resp: 1062299

Ion Ratio Lower Upper

244 100

212 7.7 6.1 9.1

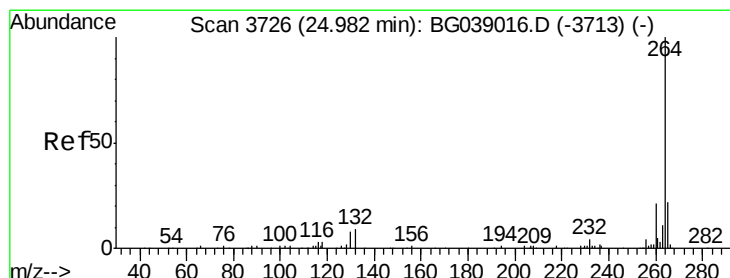
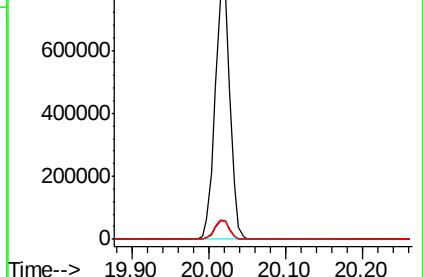
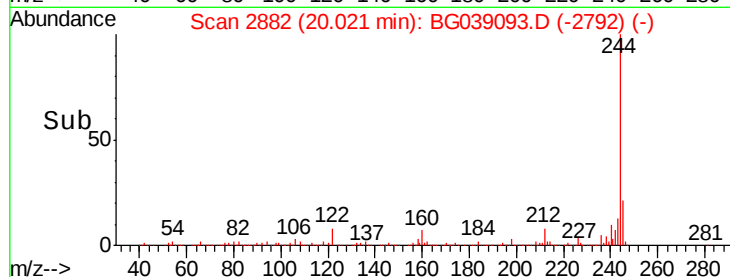
122 7.5 6.1 9.1



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: 24.96 min Scan# 3723

Delta R.T. -0.02 min

Lab File: BG039093.D

Acq: 11 Jan 2019 20:06

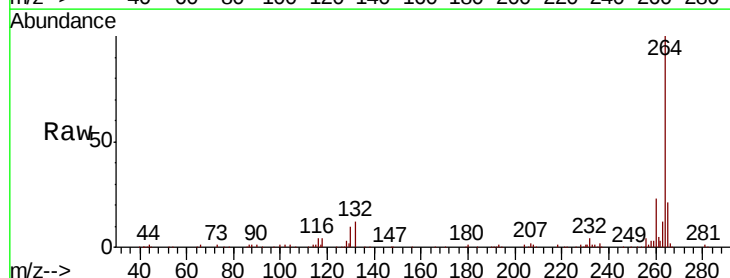
Tgt Ion:264 Resp: 231073

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

