

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011119\
 Data File : BG039116.D
 Acq On : 12 Jan 2019 13:06
 Operator : JU/SJ
 Sample : K1119-08
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DS-D

Quant Time: Jan 14 10:47:25 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	19834	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	84409	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	69910	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	195109	20.00	ng	0.00
76) Chrysene-d12	21.69	240	180386	20.00	ng	-0.02
87) Perylene-d12	24.97	264	188791	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	150533	143.97	ng	0.00
7) Phenol-d6	7.19	99	191062	126.98	ng	0.00
23) Nitrobenzene-d5	9.20	82	146249	94.81	ng	-0.01
42) 2,4,6-Tribromophenol	16.16	330	158452	135.21	ng	-0.01
45) 2-Fluorobiphenyl	13.29	172	445356	87.18	ng	0.00
79) Terphenyl-d14	20.02	244	947794	97.20	ng	0.00

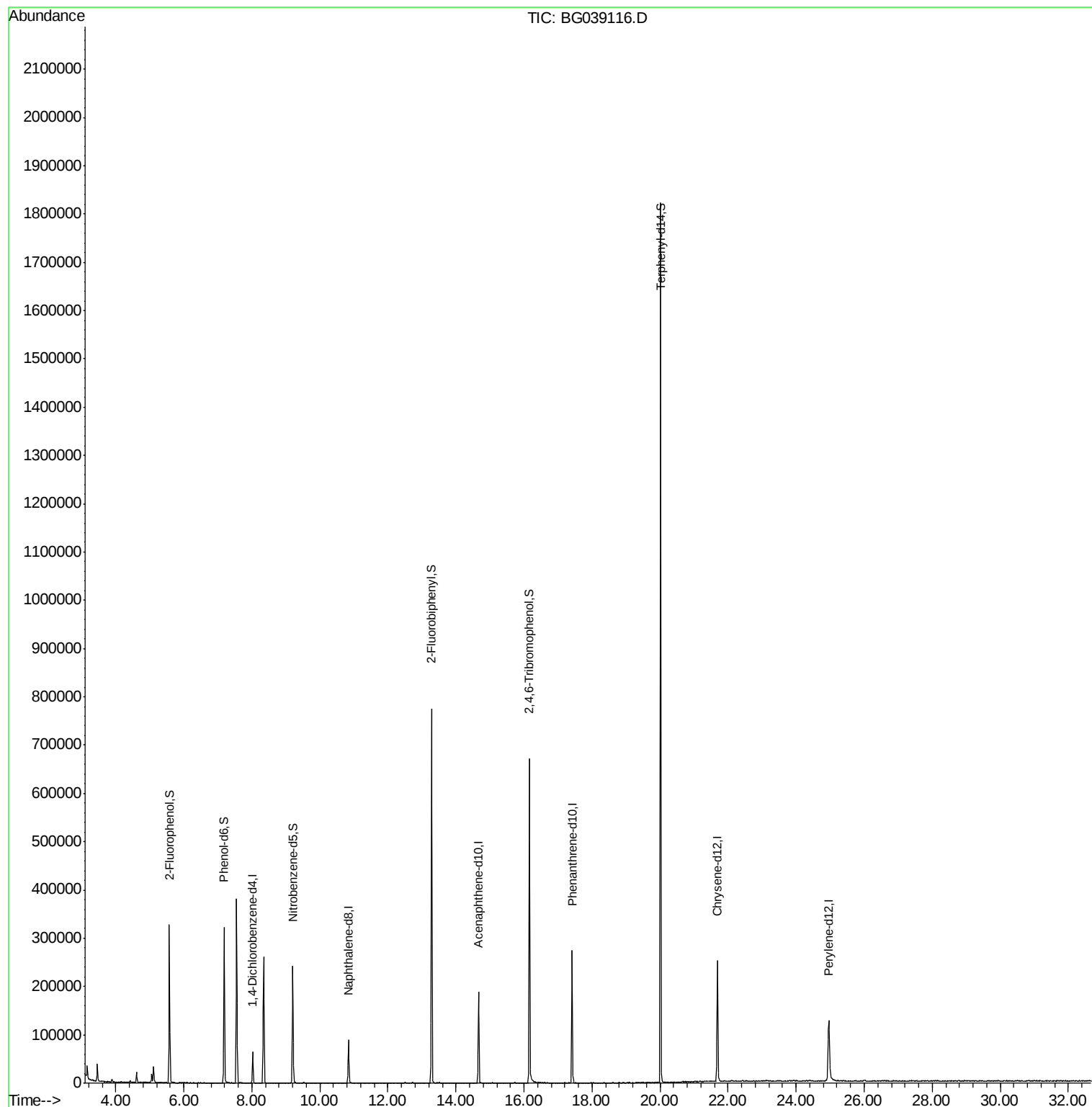
Target Compounds Qvalue

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

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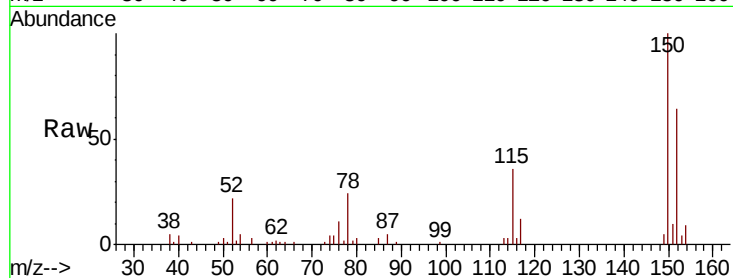


#1

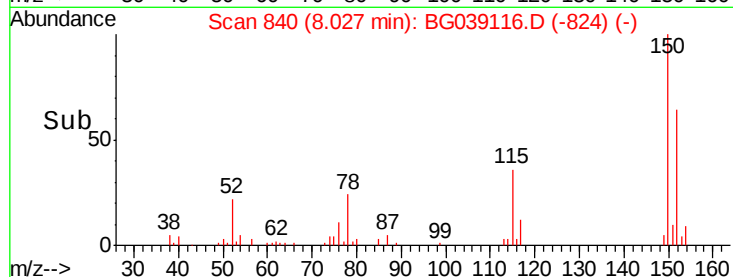
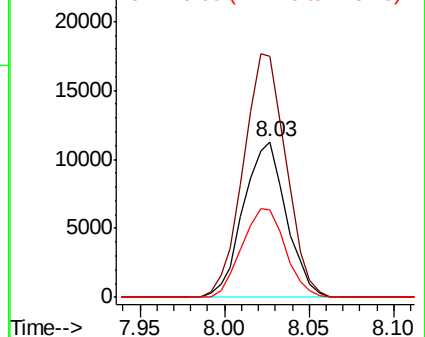
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG039116.D
Acq: 12 Jan 2019 13:06

Instrument :
BNA_G
ClientSampleId :
DS-D

Tot Ion:152 Resp: 19834
Ion Ratio Lower Upper
152 100
150 155.1 124.7 187.1
115 56.3 46.5 69.7



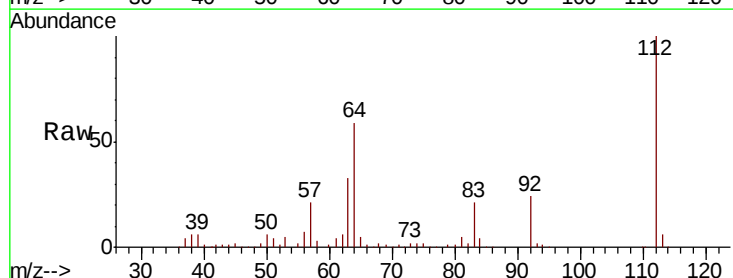
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



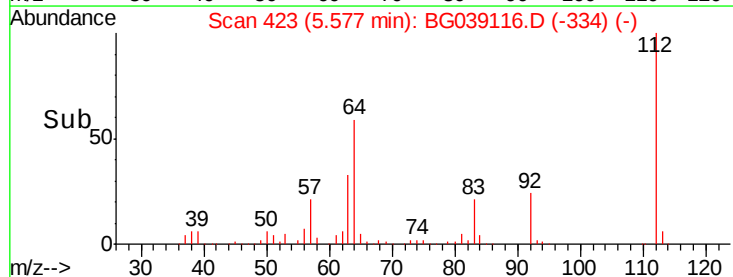
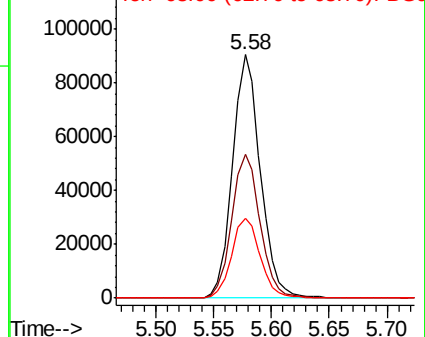
#5

2-Fluorophenol
Concen: 143.974 ng
RT: 5.58 min Scan# 423
Delta R.T. -0.00 min
Lab File: BG039116.D
Acq: 12 Jan 2019 13:06

Tgt Ion:112 Resp: 150533
Ion Ratio Lower Upper
112 100
64 59.2 47.0 70.6
63 32.7 28.0 42.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 126.978 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG039116.D

Acq: 12 Jan 2019 13:06

Instrument :

BNA_G

ClientSampleId :

DS-D

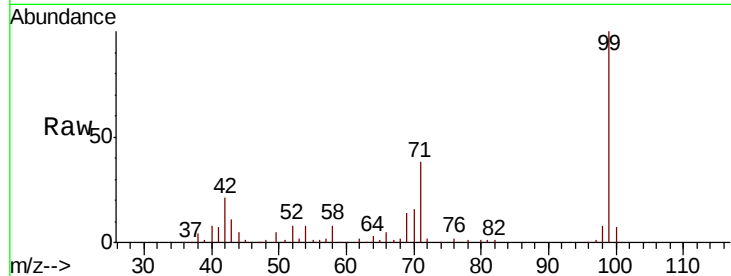
Tot Ion: 99 Resp: 191062

Ion Ratio Lower Upper

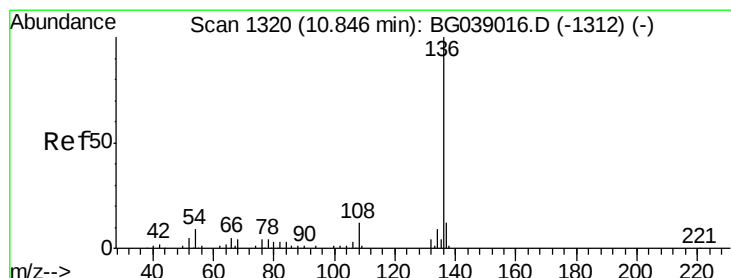
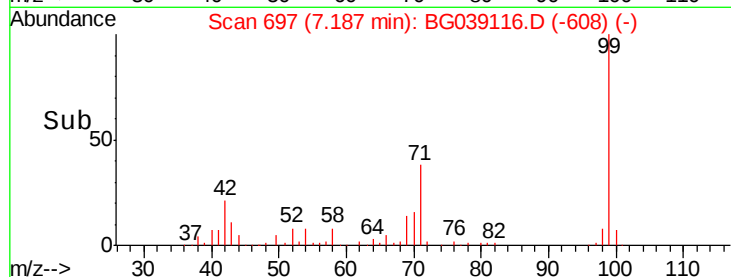
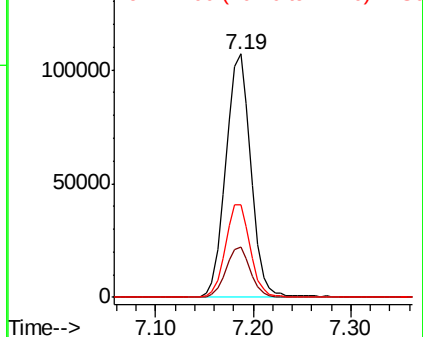
99 100

42 20.8 15.8 23.6

71 38.1 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# 1319

Delta R.T. -0.00 min

Lab File: BG039116.D

Acq: 12 Jan 2019 13:06

Tgt Ion: 136 Resp: 84409

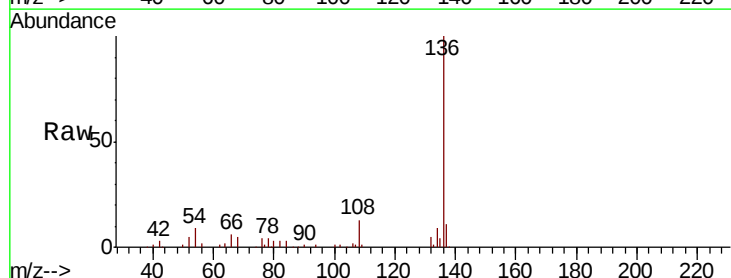
Ion Ratio Lower Upper

136 100

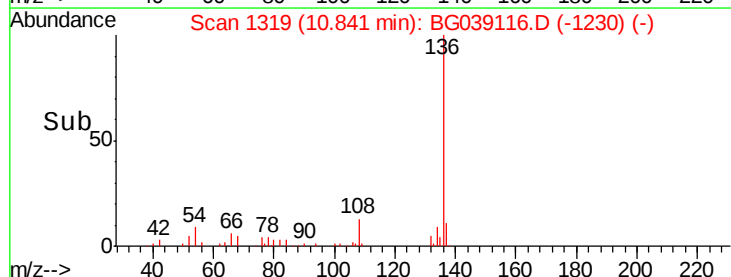
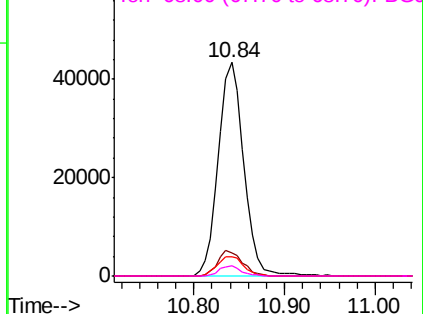
137 10.6 9.4 14.2

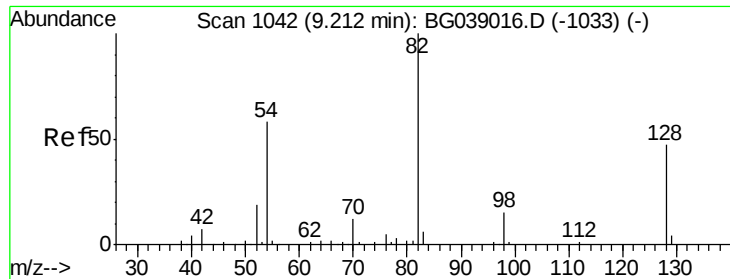
54 8.7 7.2 10.8

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

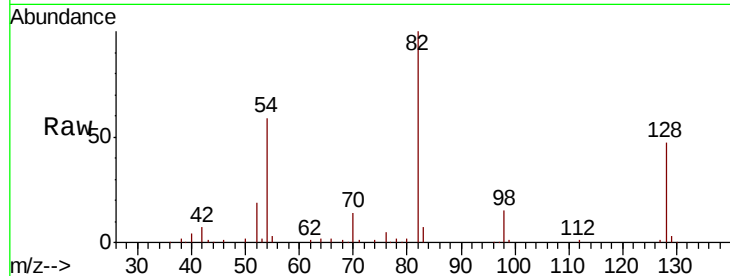




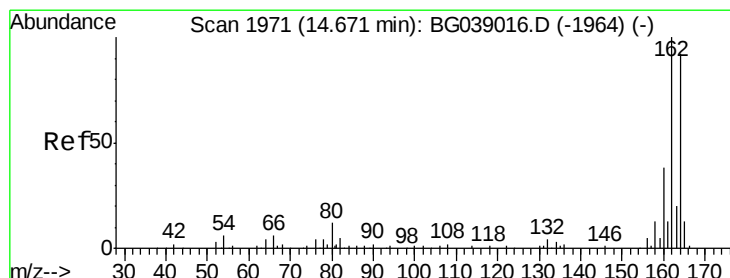
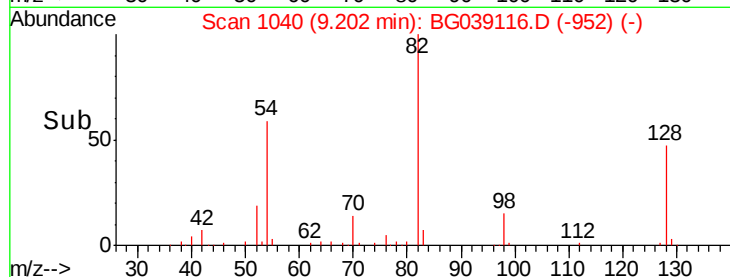
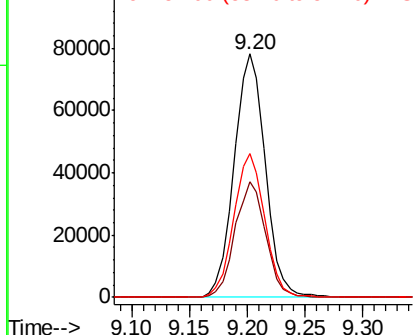
#23
Nitrobenzene-d5
Concen: 94.808 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG039116.D
Acq: 12 Jan 2019 13:06

Instrument :
BNA_G
ClientSampled :
DS-D

Tot Ion: 82 Resp: 146249
Ion Ratio Lower Upper
82 100
128 47.4 37.3 55.9
54 59.1 46.4 69.6

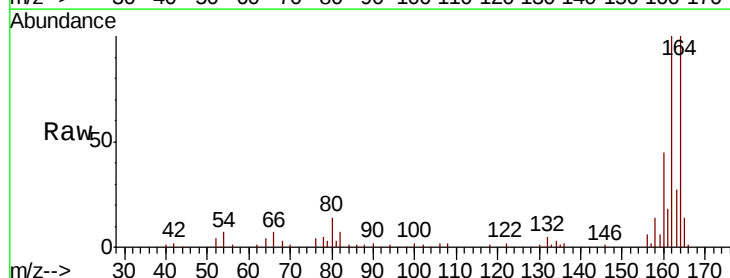


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

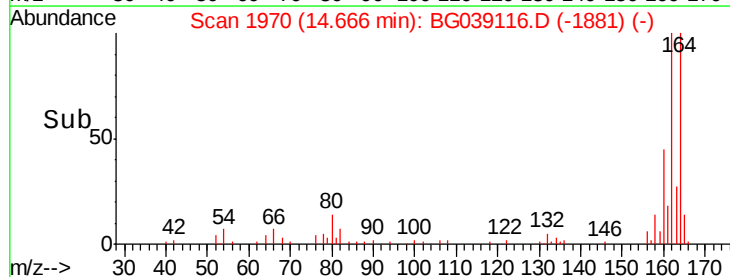
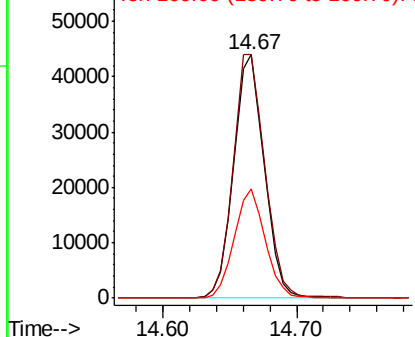


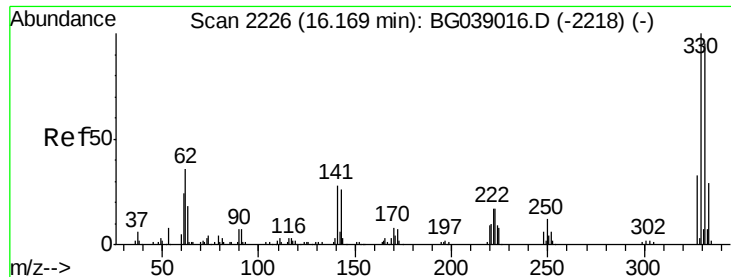
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG039116.D
Acq: 12 Jan 2019 13:06

Tgt Ion:164 Resp: 69910
Ion Ratio Lower Upper
164 100
162 100.1 87.2 130.8
160 44.8 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: 135.211 ng

RT: 16.16 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG039116.D

Acq: 12 Jan 2019 13:06

Instrument :

BNA_G

ClientSampleId :

DS-D

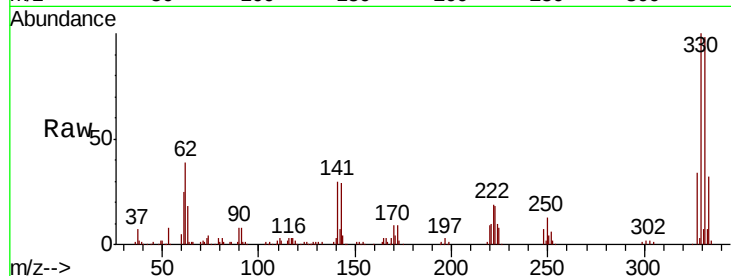
Tot Ion:330 Resp: 158452

Ion Ratio Lower Upper

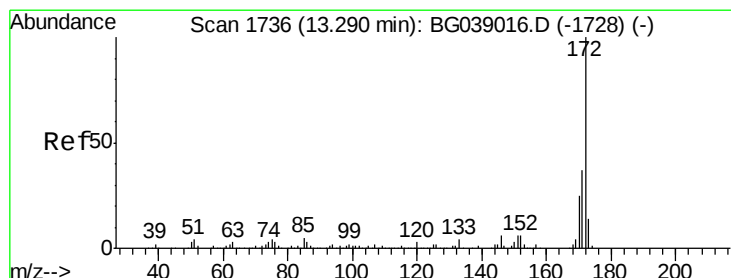
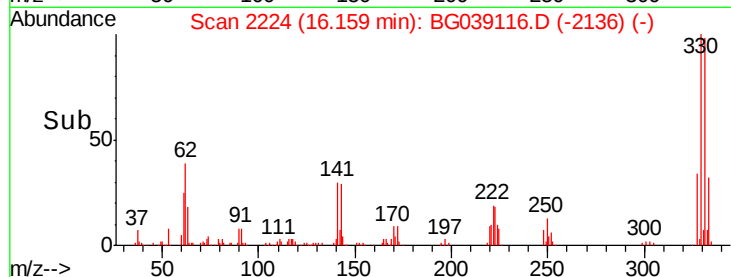
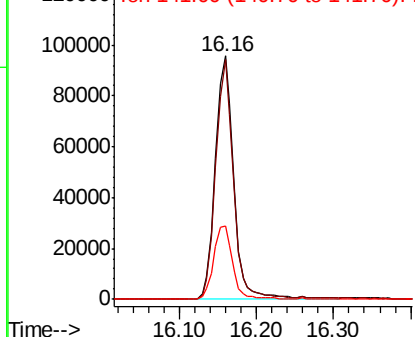
330 100

332 94.2 75.7 113.5

141 30.8 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: 87.183 ng

RT: 13.29 min Scan# 1735

Delta R.T. -0.00 min

Lab File: BG039116.D

Acq: 12 Jan 2019 13:06

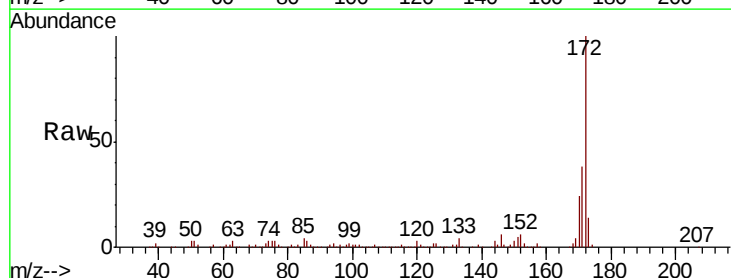
Tgt Ion:172 Resp: 445356

Ion Ratio Lower Upper

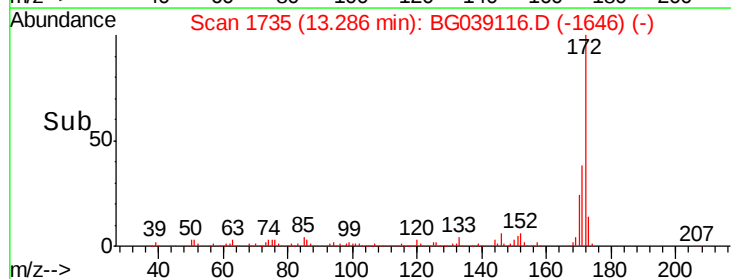
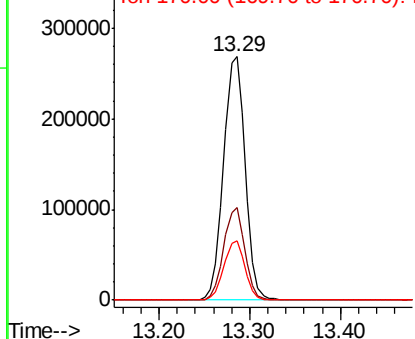
172 100

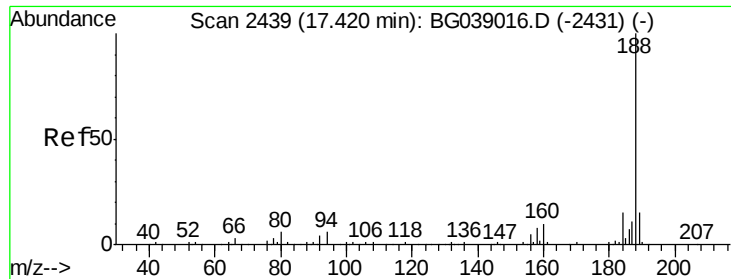
171 38.0 29.4 44.0

170 24.4 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

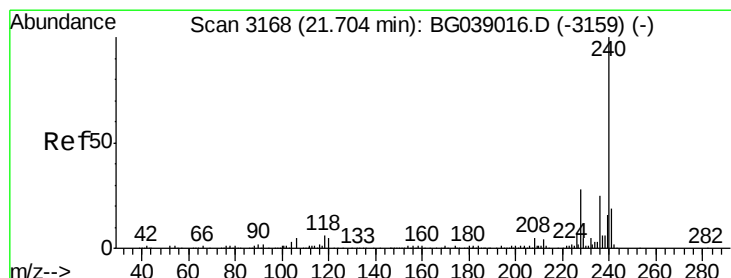
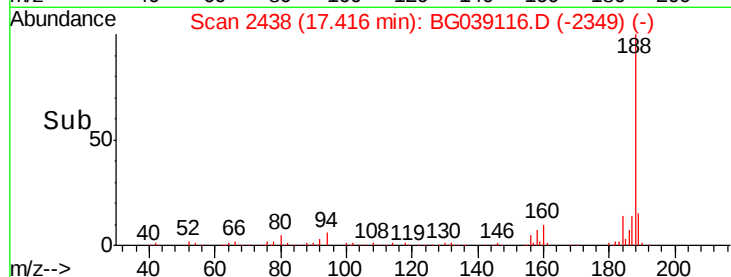
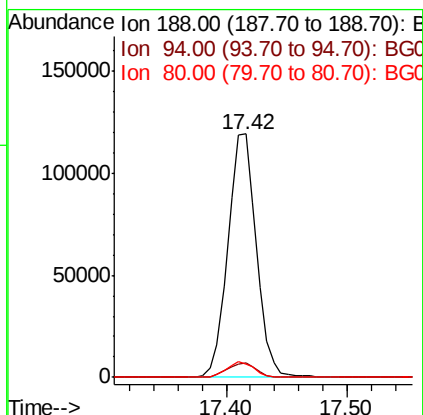
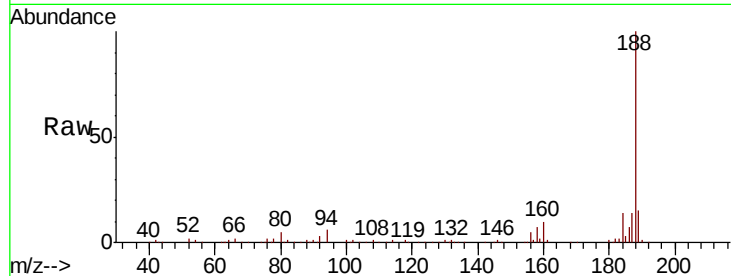




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BG039116.D
Acq: 12 Jan 2019 13:06

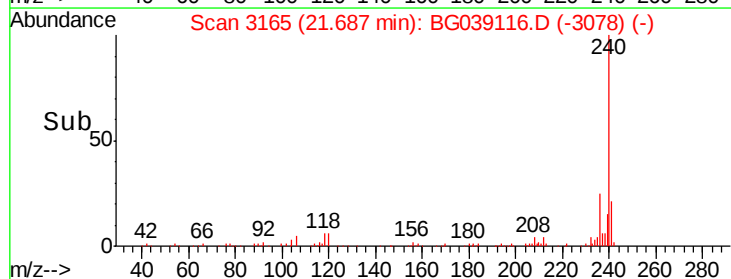
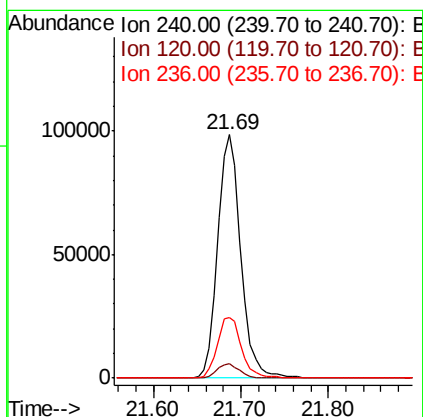
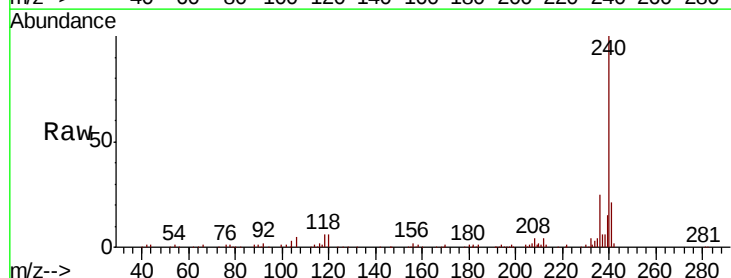
Instrument :
BNA_G
ClientSampleId :
DS-D

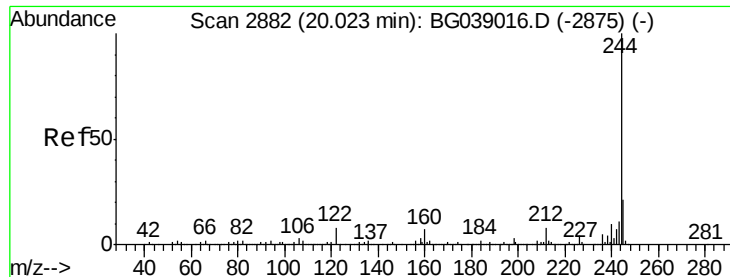
Tot Ion:188 Resp: 195109
Ion Ratio Lower Upper
188 100
94 5.9 5.0 7.4
80 5.4 4.7 7.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3165
Delta R.T. -0.02 min
Lab File: BG039116.D
Acq: 12 Jan 2019 13:06

Tgt Ion:240 Resp: 180386
Ion Ratio Lower Upper
240 100
120 6.0 4.3 6.5
236 24.7 20.1 30.1





#79

Terphenyl-d14

Concen: 97.198 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.00 min

Lab File: BG039116.D

Acq: 12 Jan 2019 13:06

Instrument :

BNA_G

ClientSampled :

DS-D

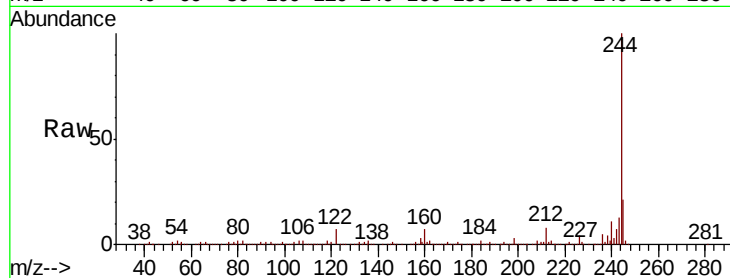
Tot Ion:244 Resp: 947794

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

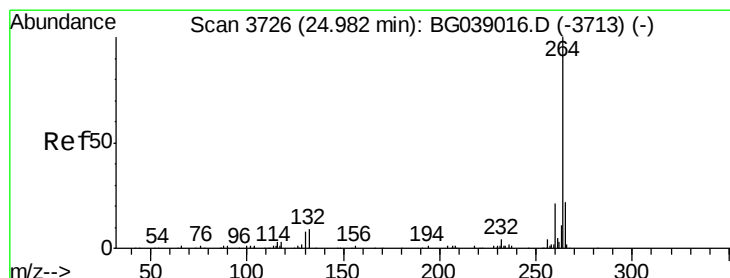
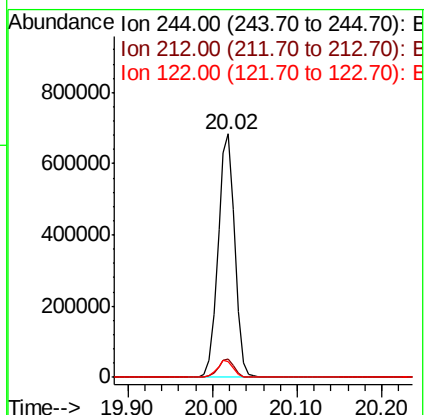
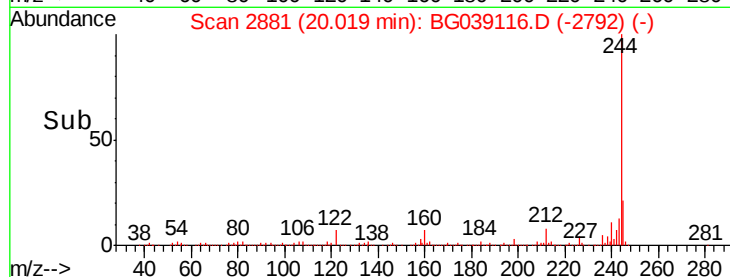
122 6.5 6.1 9.1



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: 24.97 min Scan# 3723

Delta R.T. -0.02 min

Lab File: BG039116.D

Acq: 12 Jan 2019 13:06

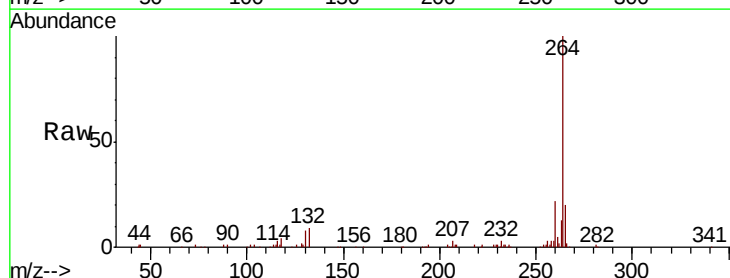
Tgt Ion:264 Resp: 188791

Ion Ratio Lower Upper

264 100

260 22.0 17.0 25.6

265 20.3 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

