

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091918\
 Data File : BG036826.D
 Acq On : 19 Sep 2018 19:19
 Operator : JU/SJ
 Sample : J4772-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-091718

Quant Time: Sep 20 07:22:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	63313	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	267143	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	170793	20.00	ng	-0.02
63) Phenanthrene-d10	17.41	188	412323	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	417621	20.00	ng	-0.02
86) Perylene-d12	24.89	264	399610	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	379105	94.98	ng	0.00
7) Phenol-d6	7.21	99	476362	83.36	ng	-0.01
23) Nitrobenzene-d5	9.21	82	386010	78.40	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	198537	97.42	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	832180	69.57	ng	-0.02
78) Terphenyl-d14	20.02	244	1363286	76.30	ng	-0.01

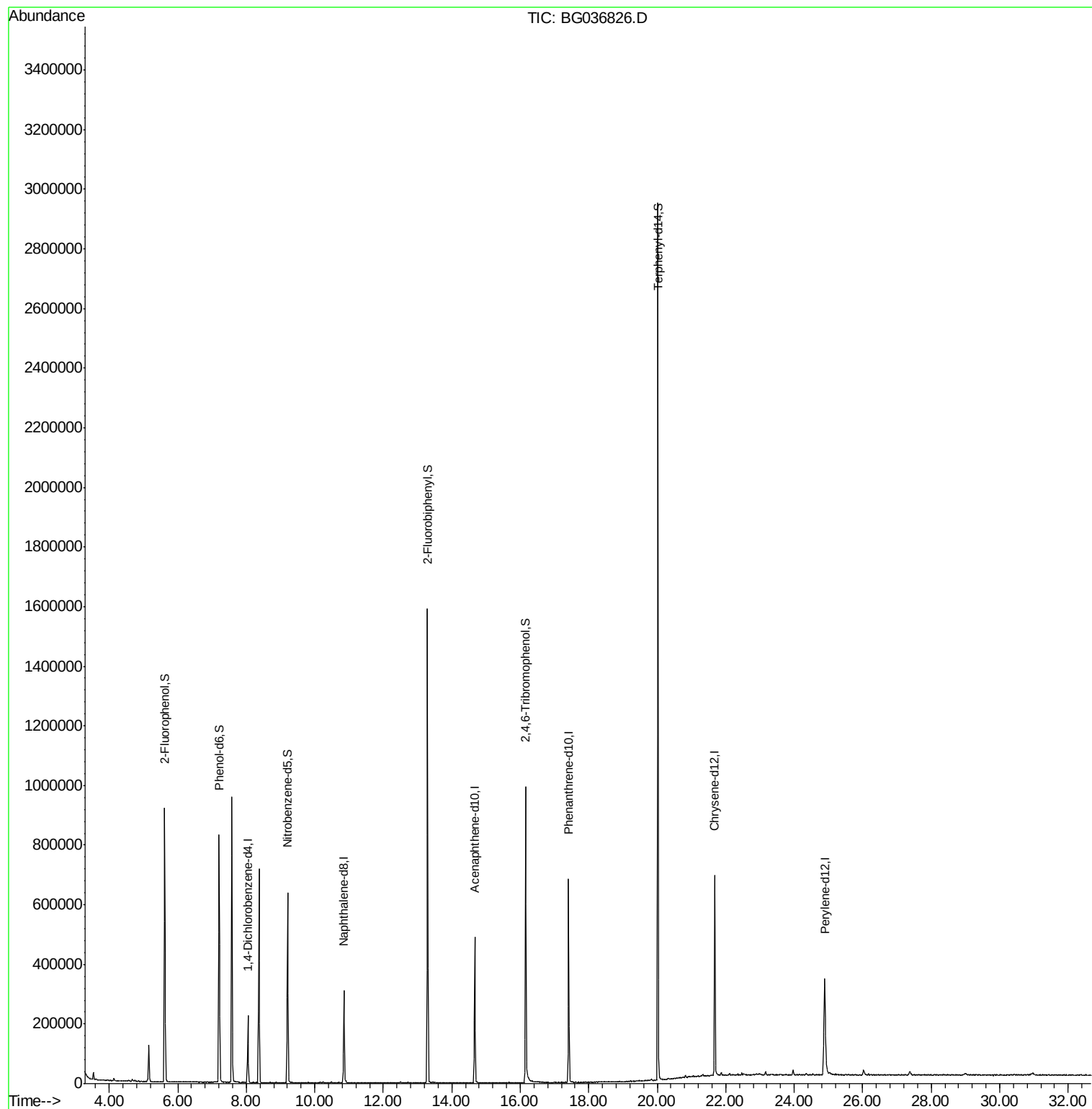
Target Compounds Qvalue

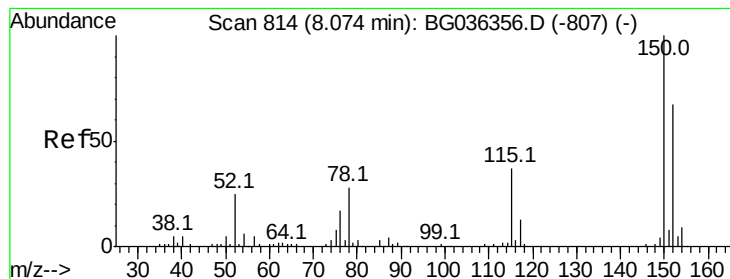
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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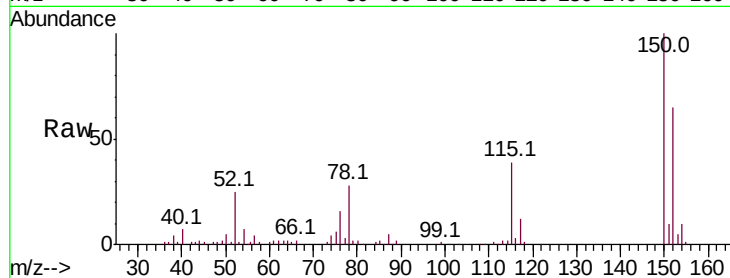


#1

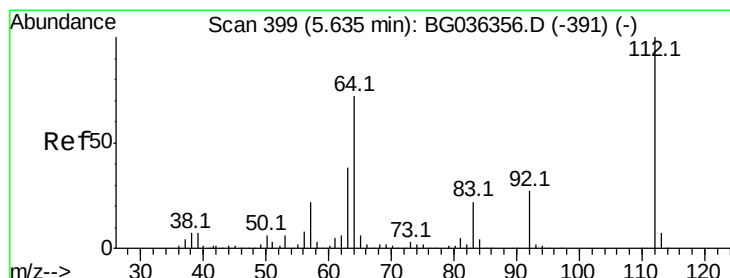
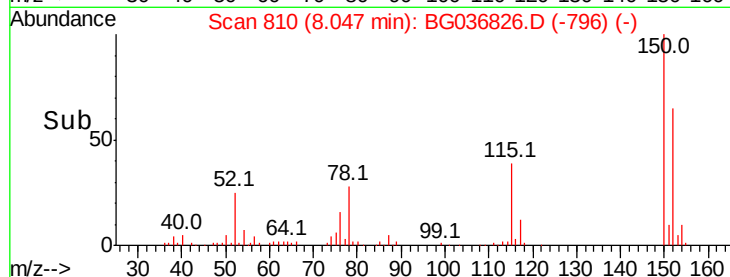
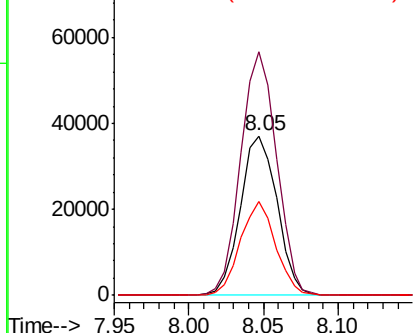
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 810
 Delta R.T. -0.02 min
 Lab File: BG036826.D
 Acq: 19 Sep 2018 19:19

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-091718

Tot Ion:152 Resp: 63313
 Ion Ratio Lower Upper
 152 100
 150 152.8 119.5 179.3
 115 59.1 44.5 66.7



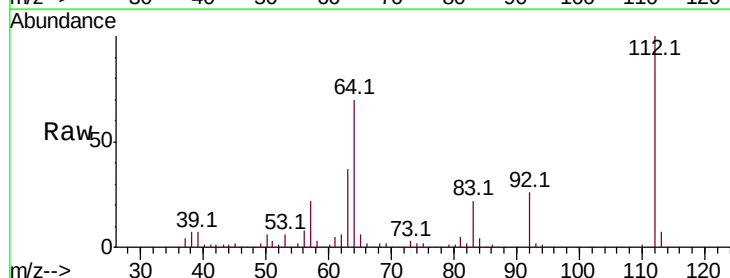
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



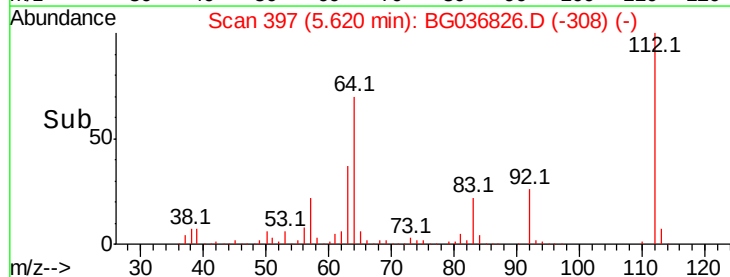
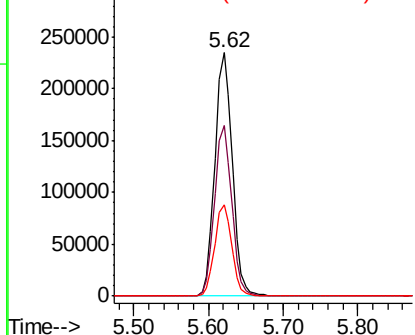
#5

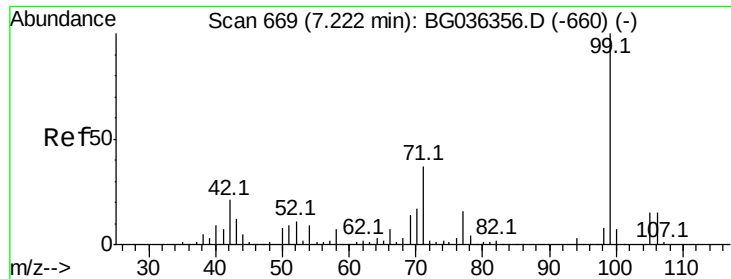
2-Fluorophenol
 Concen: 94.984 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.00 min
 Lab File: BG036826.D
 Acq: 19 Sep 2018 19:19

Tgt Ion:112 Resp: 379105
 Ion Ratio Lower Upper
 112 100
 64 70.3 57.2 85.8
 63 37.5 30.8 46.2



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: 83.360 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036826.D

Acq: 19 Sep 2018 19:19

Instrument :

BNA_G

ClientSampleId :

HD-02-091718

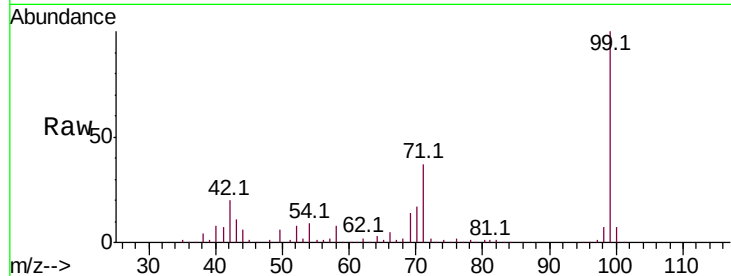
Tot Ion: 99 Resp: 476362

Ion Ratio Lower Upper

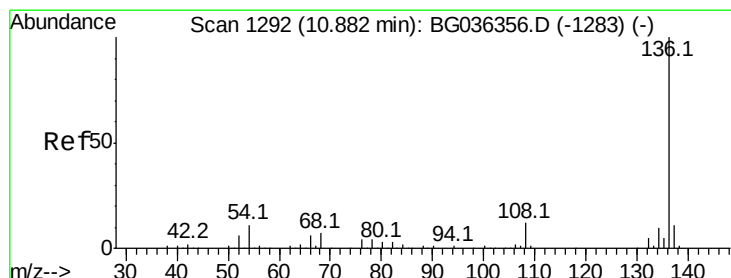
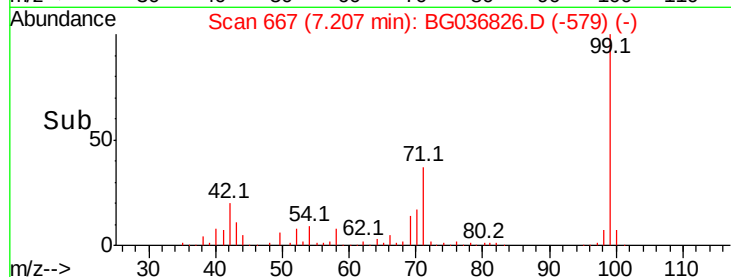
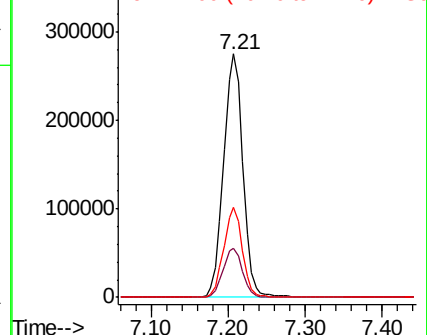
99 100

42 19.9 16.5 24.7

71 36.8 29.4 44.2



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: 10.85 min Scan# 1287

Delta R.T. -0.02 min

Lab File: BG036826.D

Acq: 19 Sep 2018 19:19

Tgt Ion: 136 Resp: 267143

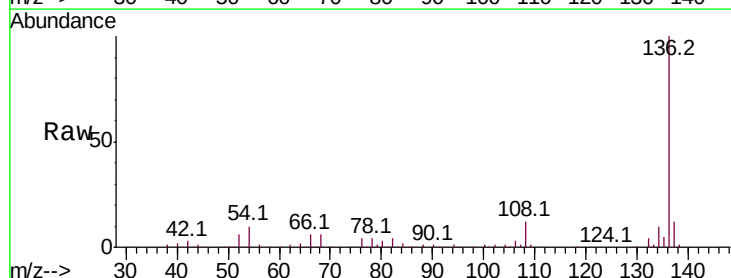
Ion Ratio Lower Upper

136 100

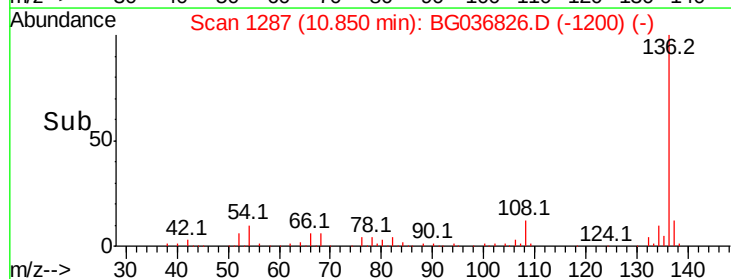
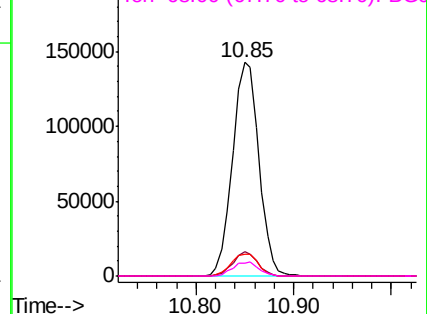
137 11.6 8.8 13.2

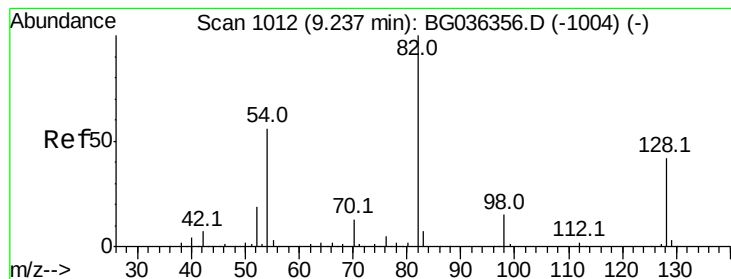
54 10.2 9.2 13.8

68 6.0 5.8 8.6



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: 78.399 ng

RT: 9.21 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BG036826.D

Acq: 19 Sep 2018 19:19

Instrument :

BNA_G

ClientSampleId :

HD-02-091718

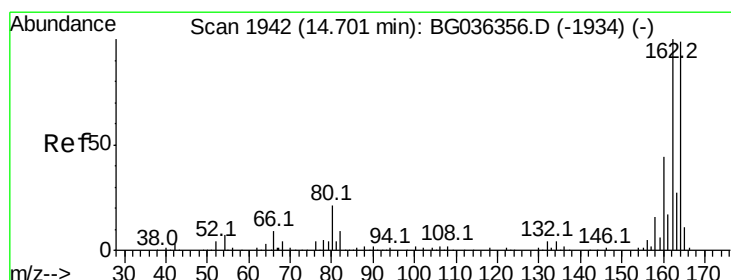
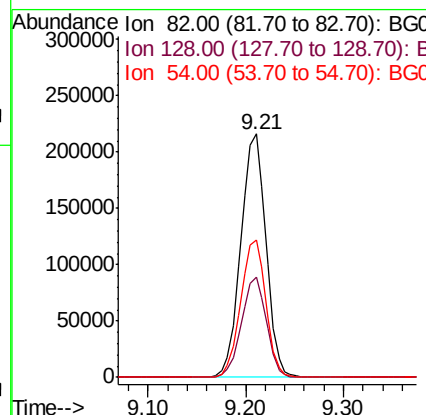
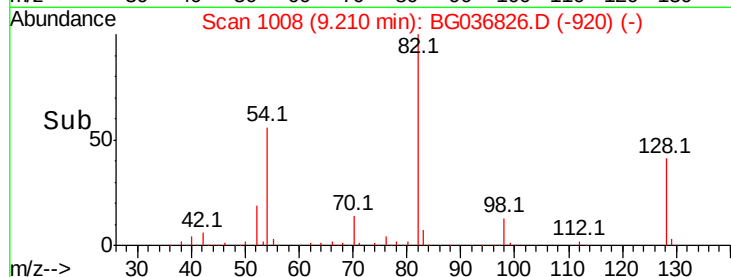
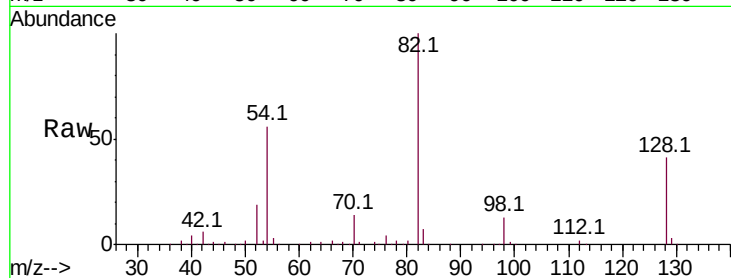
Tot Ion: 82 Resp: 386010

Ion Ratio Lower Upper

82 100

128 41.4 33.3 49.9

54 56.3 45.1 67.7



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1937

Delta R.T. -0.02 min

Lab File: BG036826.D

Acq: 19 Sep 2018 19:19

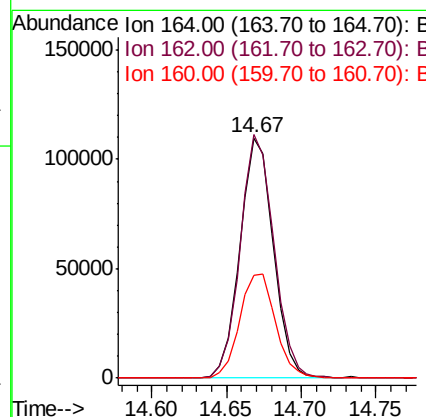
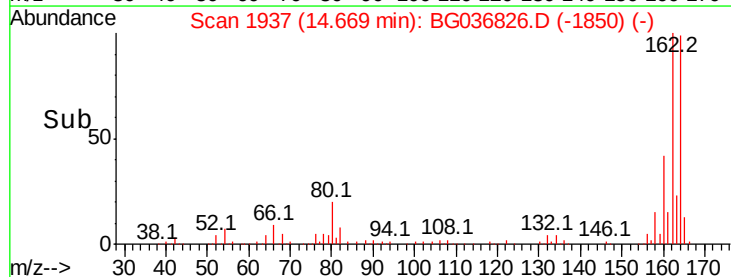
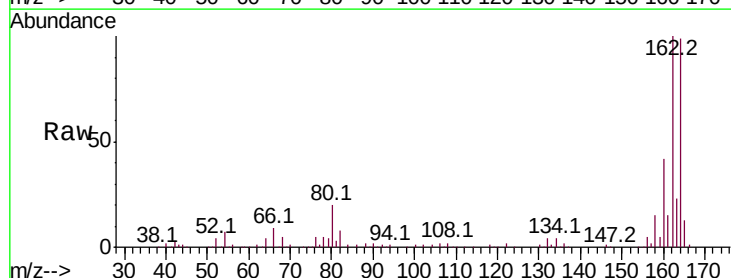
Tgt Ion: 164 Resp: 170793

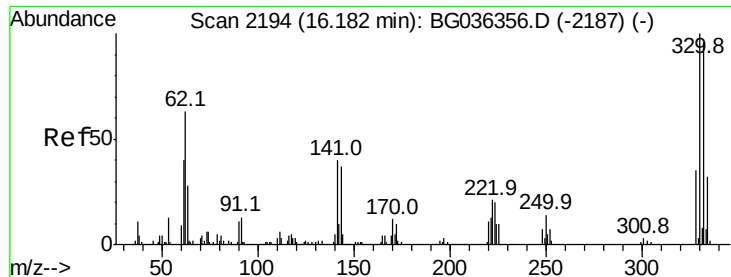
Ion Ratio Lower Upper

164 100

162 101.4 80.7 121.1

160 42.9 35.3 52.9

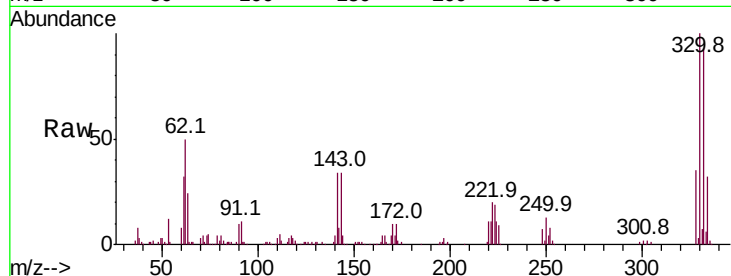




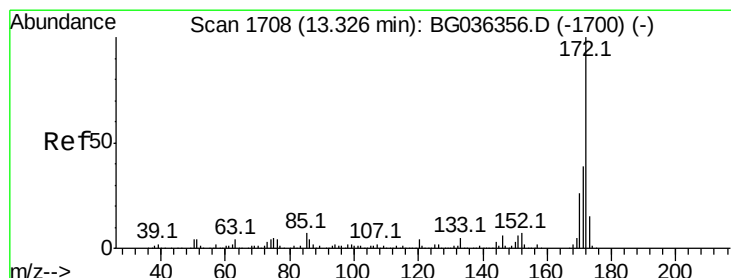
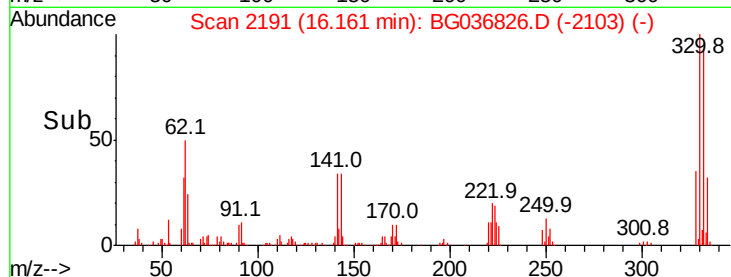
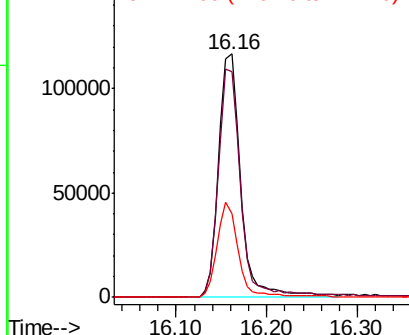
#41
2,4,6-Tribromophenol
Concen: 97.420 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BG036826.D
Acq: 19 Sep 2018 19:19

Instrument :
BNA_G
ClientSampleId :
HD-02-091718

Tot Ion:330 Resp: 198537
Ion Ratio Lower Upper
330 100
332 94.7 75.4 113.2
141 37.7 30.7 46.1

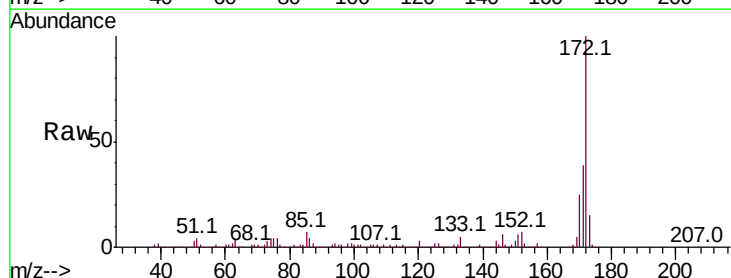


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

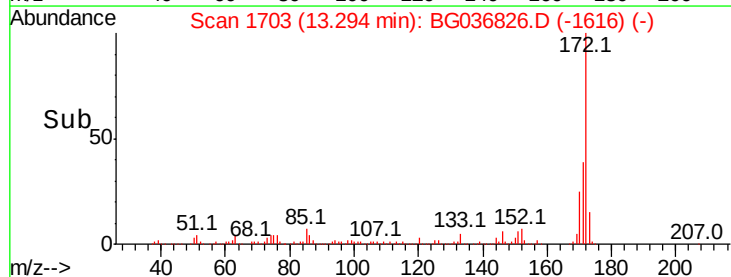
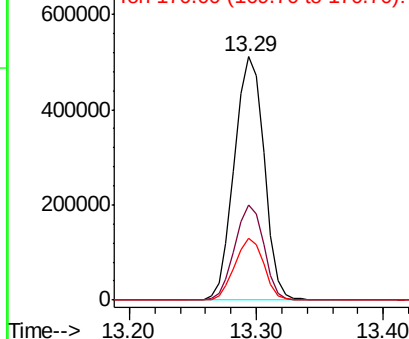


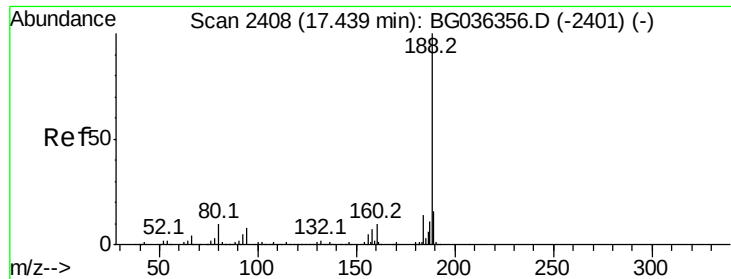
#44
2-Fluorobiphenyl
Concen: 69.570 ng
RT: 13.29 min Scan# 1703
Delta R.T. -0.02 min
Lab File: BG036826.D
Acq: 19 Sep 2018 19:19

Tgt Ion:172 Resp: 832180
Ion Ratio Lower Upper
172 100
171 39.0 31.3 46.9
170 25.3 21.0 31.6



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

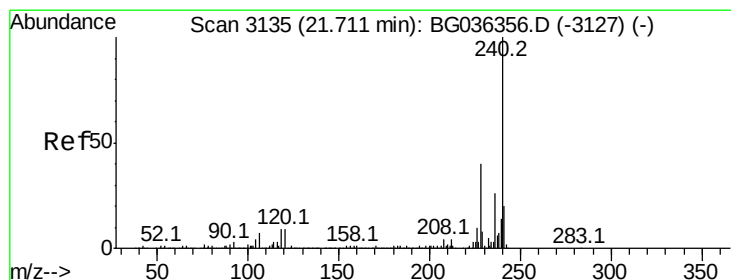
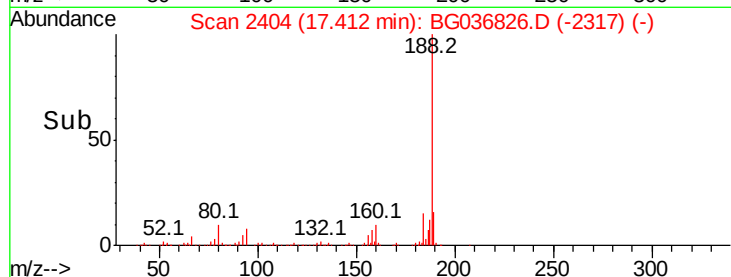
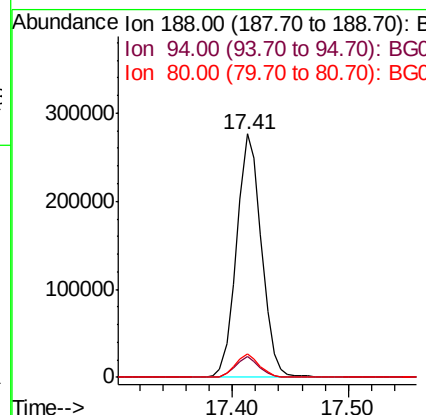
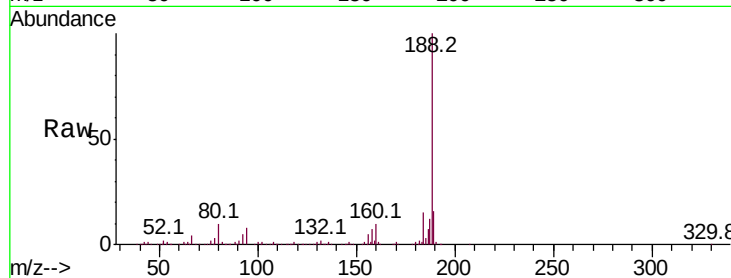




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.02 min
Lab File: BG036826.D
Acq: 19 Sep 2018 19:19

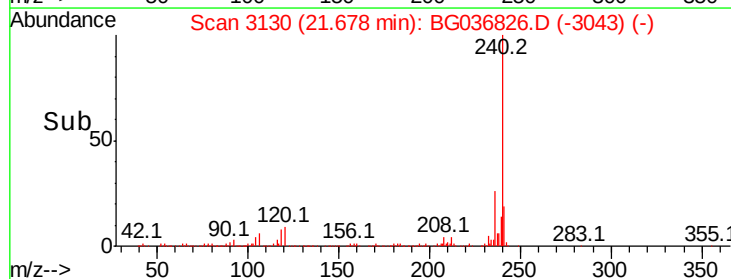
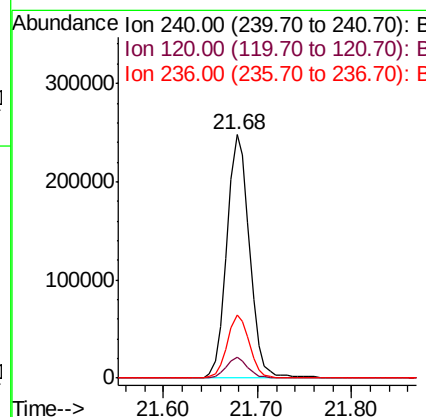
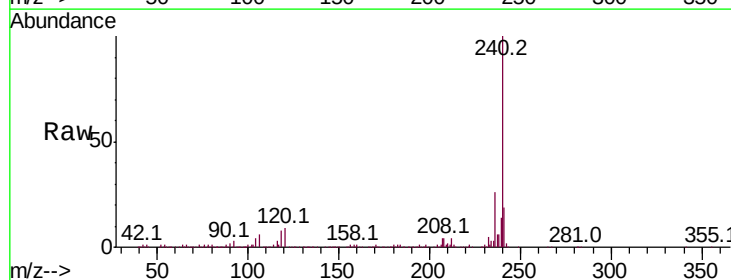
Instrument :
BNA_G
ClientSampleId :
HD-02-091718

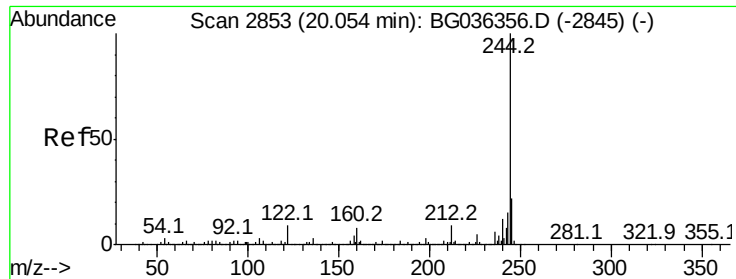
Tot Ion:188 Resp: 412323
Ion Ratio Lower Upper
188 100
94 8.4 6.7 10.1
80 9.7 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.02 min
Lab File: BG036826.D
Acq: 19 Sep 2018 19:19

Tgt Ion:240 Resp: 417621
Ion Ratio Lower Upper
240 100
120 8.8 6.9 10.3
236 26.1 21.2 31.8





#78

Terphenyl-d14

Concen: 76.300 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036826.D

Acq: 19 Sep 2018 19:19

Instrument :

BNA_G

ClientSampleId :

HD-02-091718

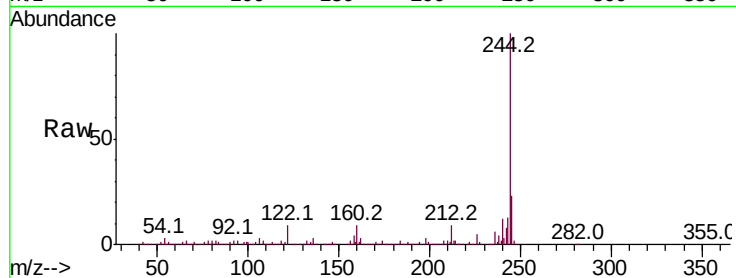
Tot Ion:244 Resp: 1363286

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.6

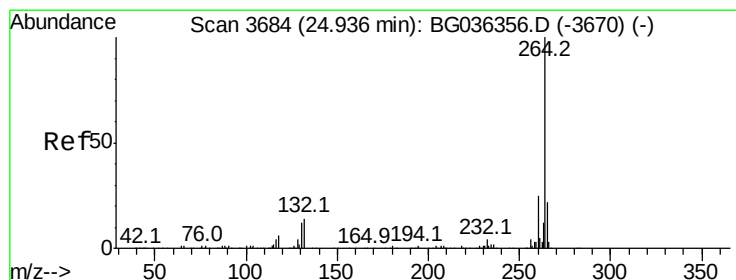
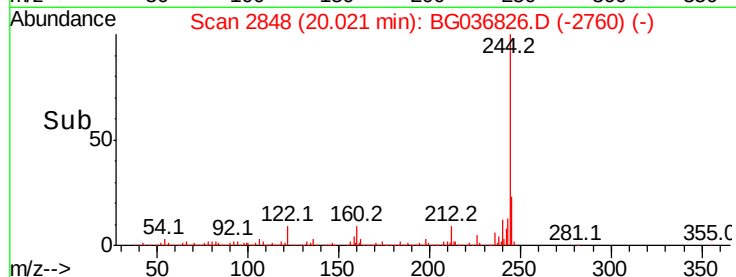
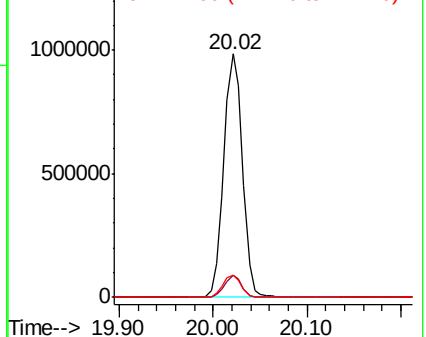
122 9.2 7.1 10.7



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.89 min Scan# 3676

Delta R.T. -0.02 min

Lab File: BG036826.D

Acq: 19 Sep 2018 19:19

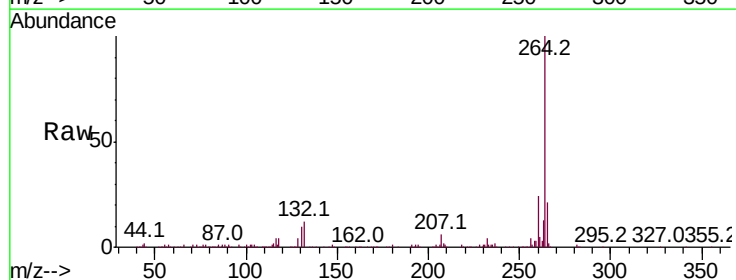
Tgt Ion:264 Resp: 399610

Ion Ratio Lower Upper

264 100

260 24.5 19.6 29.4

265 20.9 17.4 26.0



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

