

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091818\
 Data File : BG036815.D
 Acq On : 19 Sep 2018 10:45
 Operator : JU/SJ
 Sample : J4946-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RB12983RT

Quant Time: Sep 19 11:59:21 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	54167	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	225857	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	142574	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	359818	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	361168	20.00	ng	-0.01
86) Perylene-d12	24.89	264	353121	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	358561	105.01	ng	0.00
7) Phenol-d6	7.21	99	463827	94.87	ng	0.00
23) Nitrobenzene-d5	9.21	82	359531	86.37	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	201767	118.60	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	801347	80.25	ng	-0.01
78) Terphenyl-d14	20.02	244	1301250	84.21	ng	0.00

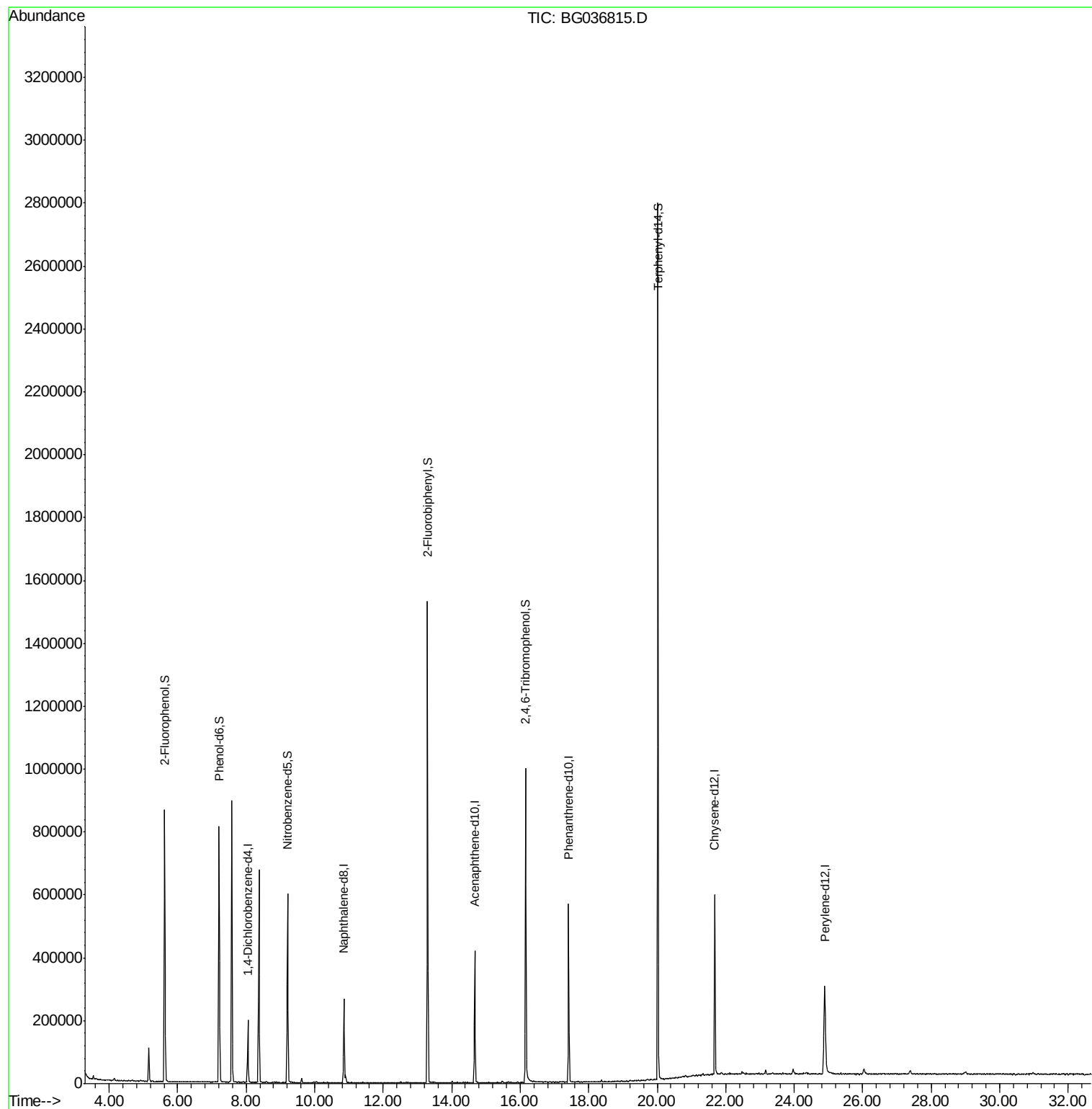
Target Compounds Qvalue

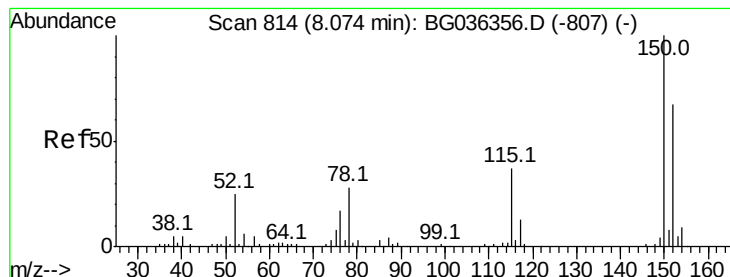
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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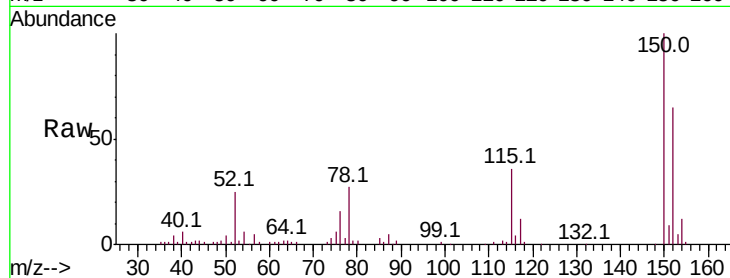


#1

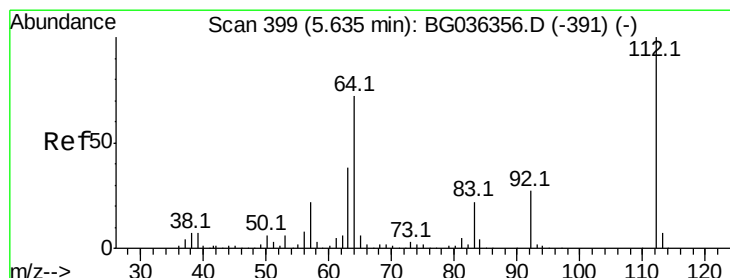
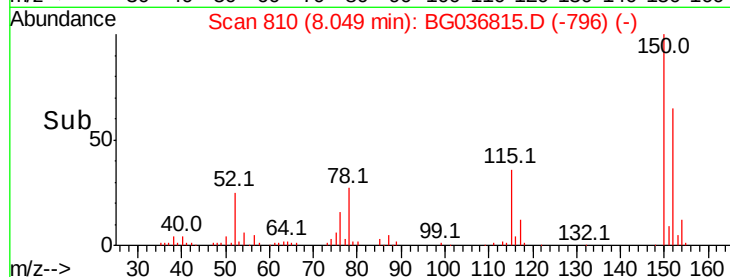
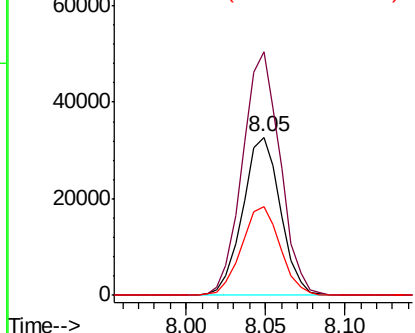
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BG036815.D
 Acq: 19 Sep 2018 10:45

Instrument :
 BNA_G
 ClientSampleId :
 RB12983RT

Tot Ion:152 Resp: 54167
 Ion Ratio Lower Upper
 152 100
 150 153.9 119.5 179.3
 115 55.7 44.5 66.7



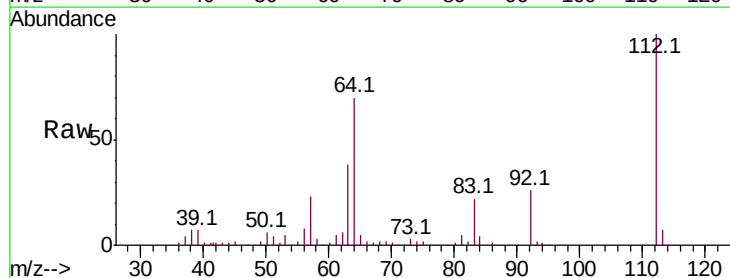
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



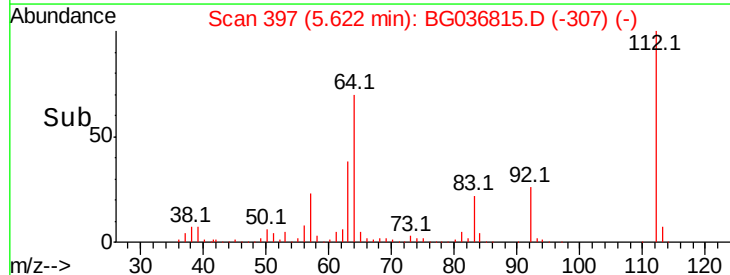
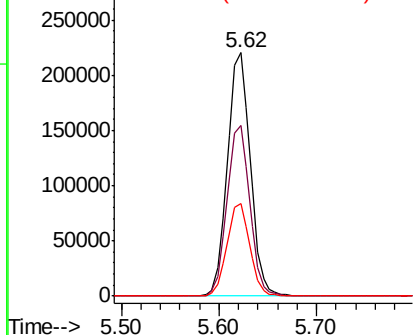
#5

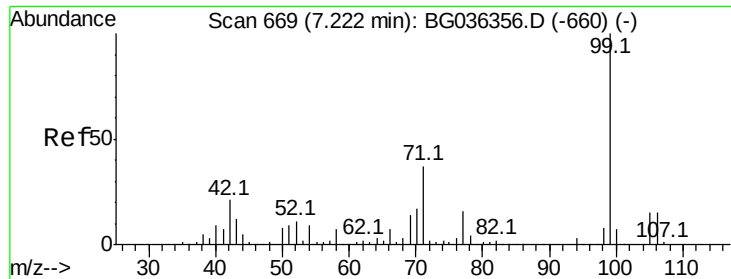
2-Fluorophenol
 Concen: 105.006 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.00 min
 Lab File: BG036815.D
 Acq: 19 Sep 2018 10:45

Tgt Ion:112 Resp: 358561
 Ion Ratio Lower Upper
 112 100
 64 70.2 57.2 85.8
 63 37.9 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: 94.872 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036815.D

Acq: 19 Sep 2018 10:45

Instrument :

BNA_G

ClientSampleId :

RB12983RT

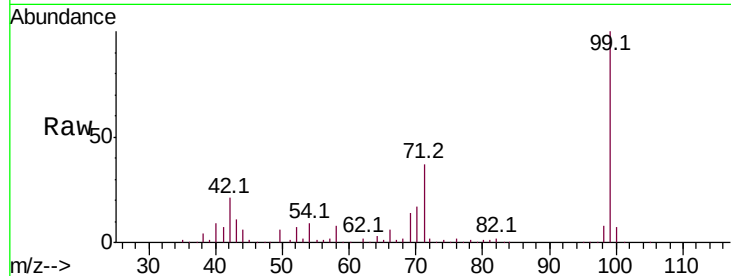
Tot Ion: 99 Resp: 463827

Ion Ratio Lower Upper

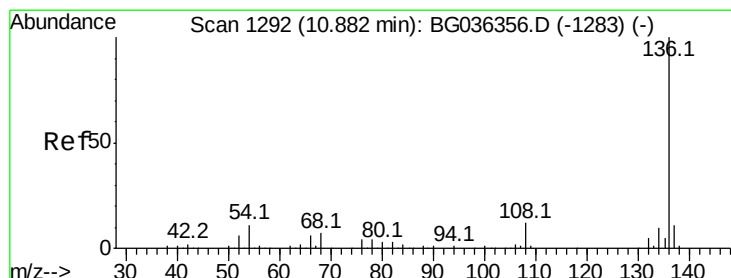
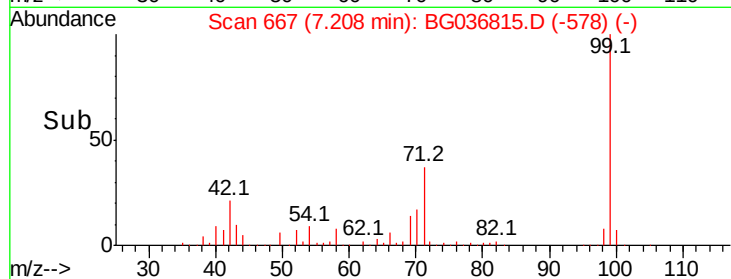
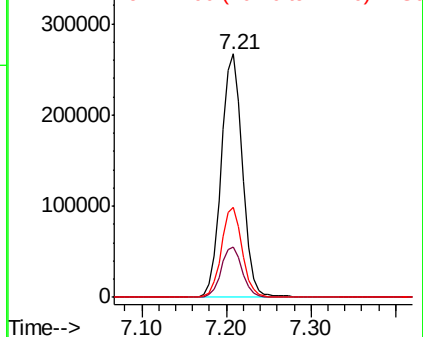
99 100

42 20.9 16.5 24.7

71 37.1 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. -0.01 min

Lab File: BG036815.D

Acq: 19 Sep 2018 10:45

Tgt Ion: 136 Resp: 225857

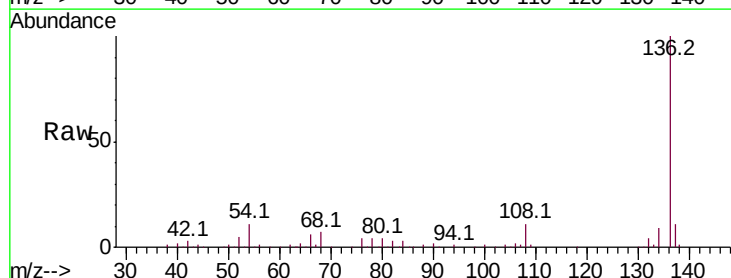
Ion Ratio Lower Upper

136 100

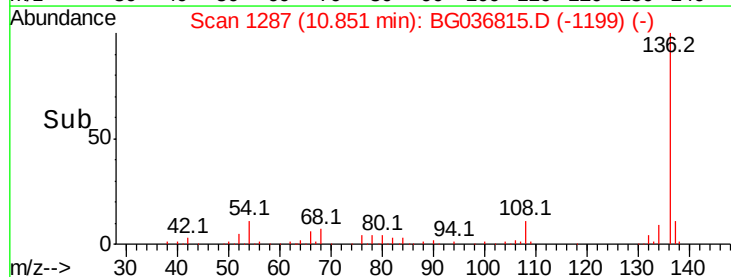
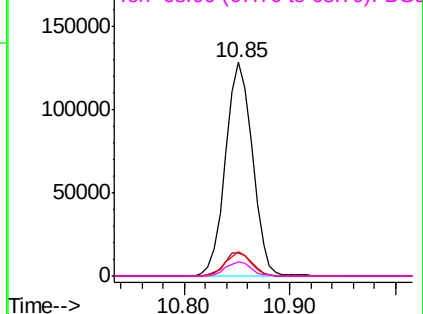
137 10.8 8.8 13.2

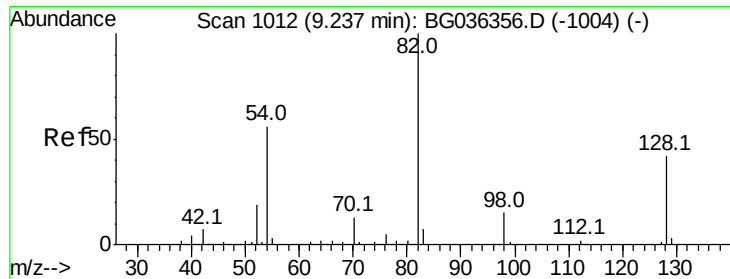
54 11.2 9.2 13.8

68 6.5 5.8 8.6



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

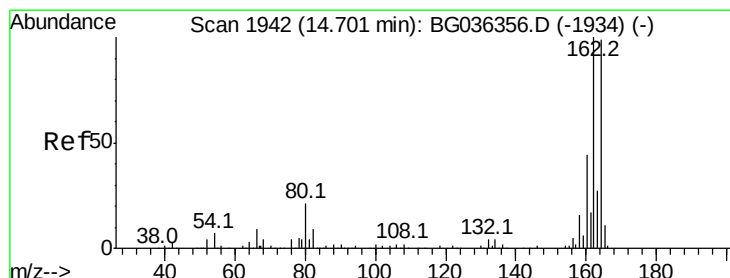
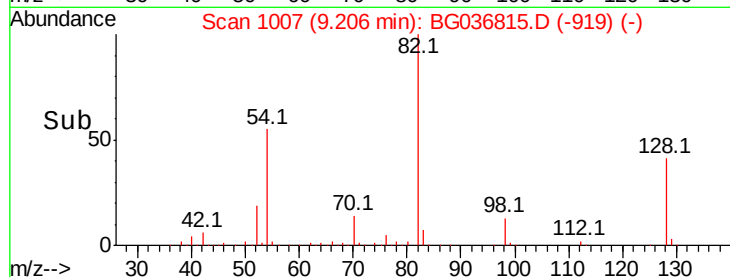
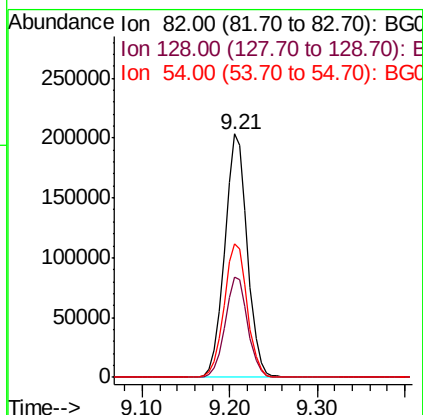
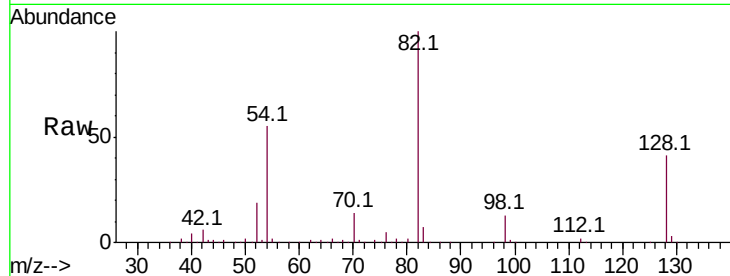




#23
Nitrobenzene-d5
Concen: 86.369 ng
RT: 9.21 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG036815.D
Acq: 19 Sep 2018 10:45

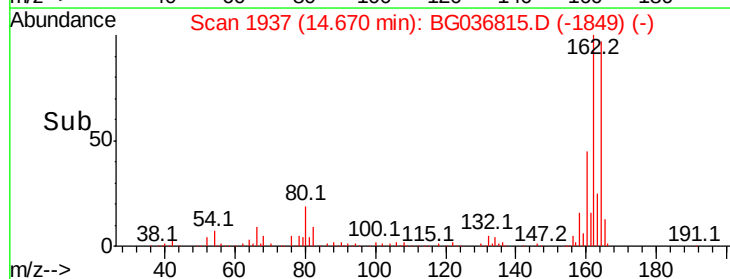
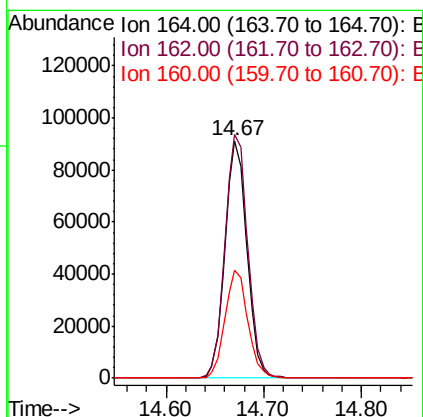
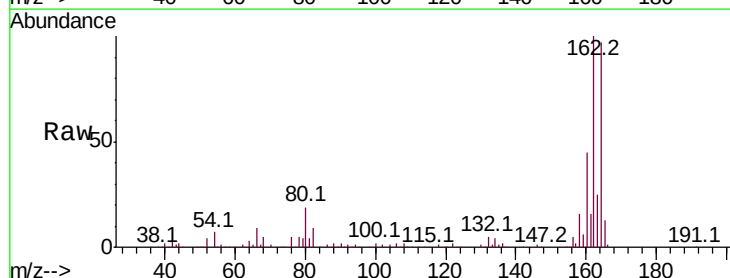
Instrument :
BNA_G
ClientSampleId :
RB12983RT

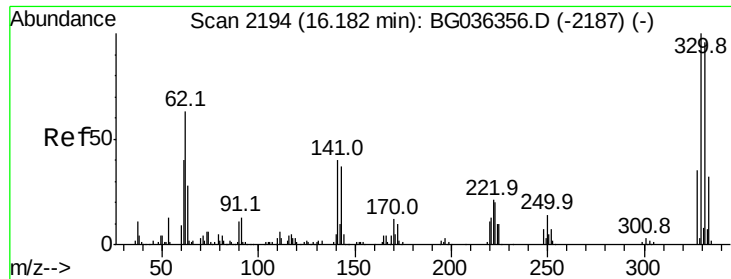
Tot Ion: 82 Resp: 359531
Ion Ratio Lower Upper
82 100
128 41.4 33.3 49.9
54 55.1 45.1 67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BG036815.D
Acq: 19 Sep 2018 10:45

Tgt Ion:164 Resp: 142574
Ion Ratio Lower Upper
164 100
162 102.6 80.7 121.1
160 45.7 35.3 52.9

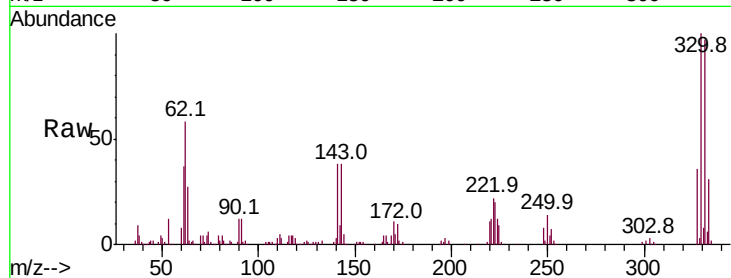




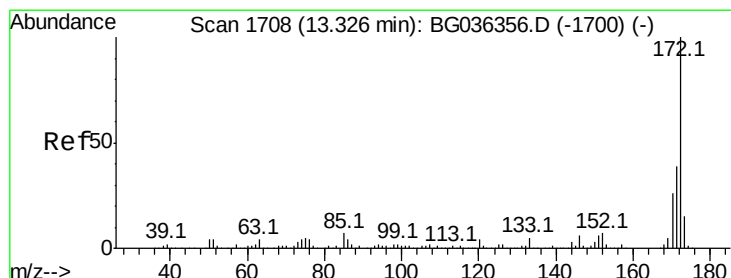
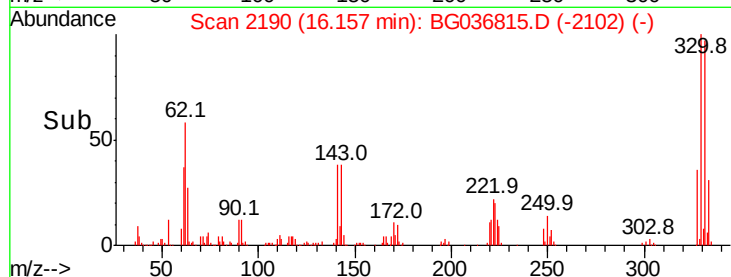
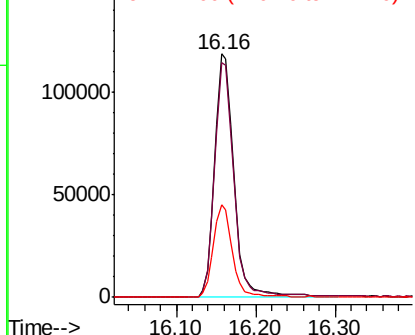
#41
 2,4,6-Tribromophenol
 Concen: 118.601 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG036815.D
 Acq: 19 Sep 2018 10:45

Instrument :
 BNA_G
 ClientSampleId :
 RB12983RT

Tot Ion:330 Resp: 201767
 Ion Ratio Lower Upper
 330 100
 332 94.9 75.4 113.2
 141 36.6 30.7 46.1

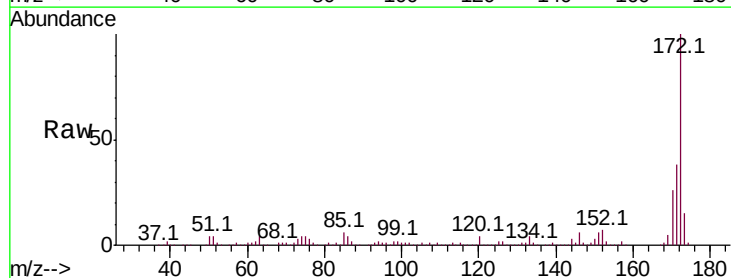


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

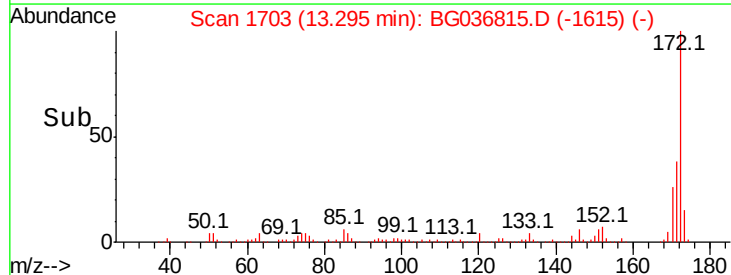
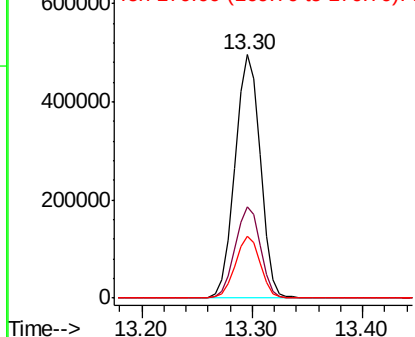


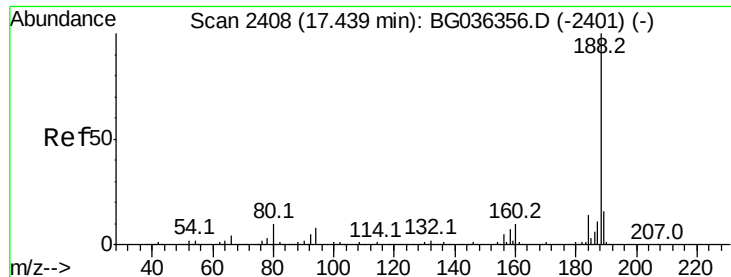
#44
 2-Fluorobiphenyl
 Concen: 80.252 ng
 RT: 13.30 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG036815.D
 Acq: 19 Sep 2018 10:45

Tgt Ion:172 Resp: 801347
 Ion Ratio Lower Upper
 172 100
 171 37.5 31.3 46.9
 170 25.6 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

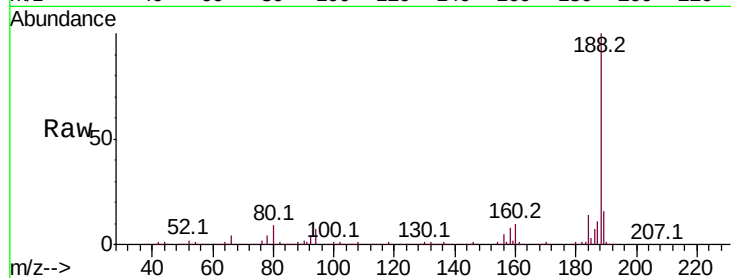




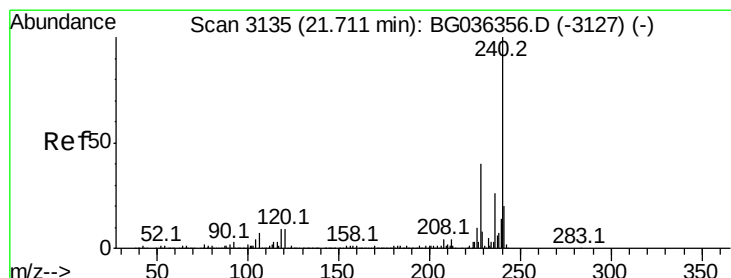
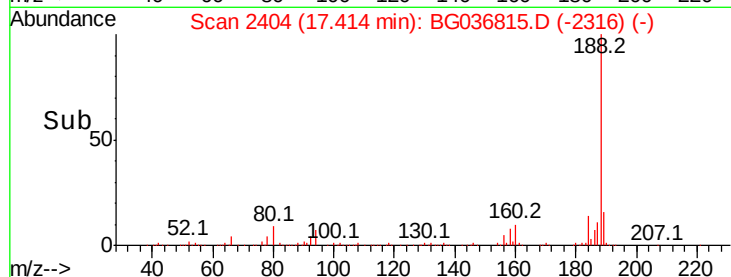
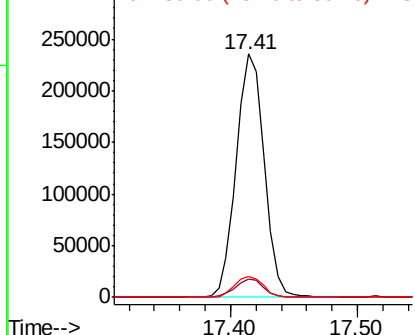
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BG036815.D
Acq: 19 Sep 2018 10:45

Instrument :
BNA_G
ClientSampleId :
RB12983RT

Tot Ion:188 Resp: 359818
Ion Ratio Lower Upper
188 100
94 7.3 6.7 10.1
80 8.7 8.1 12.1

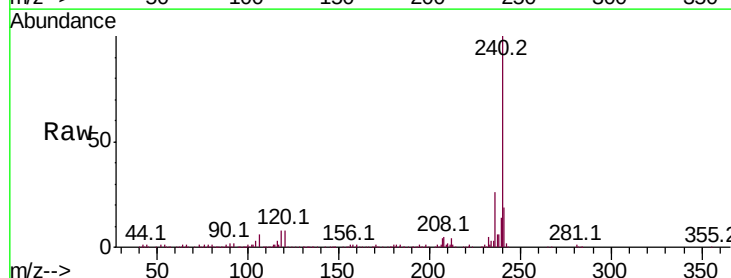


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

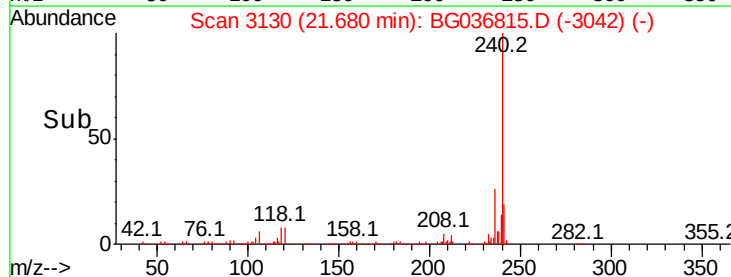
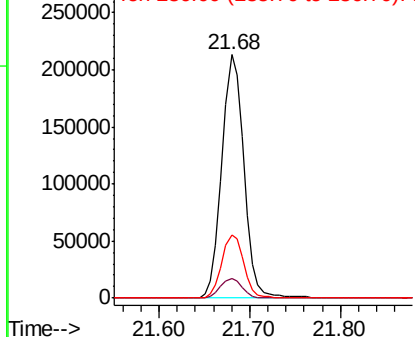


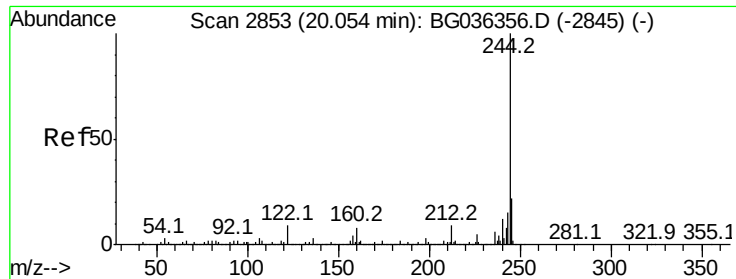
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG036815.D
Acq: 19 Sep 2018 10:45

Tgt Ion:240 Resp: 361168
Ion Ratio Lower Upper
240 100
120 8.0 6.9 10.3
236 25.9 21.2 31.8



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





#78

Terphenyl-d14

Concen: 84.212 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036815.D

Acq: 19 Sep 2018 10:45

Instrument :

BNA_G

ClientSampleId :

RB12983RT

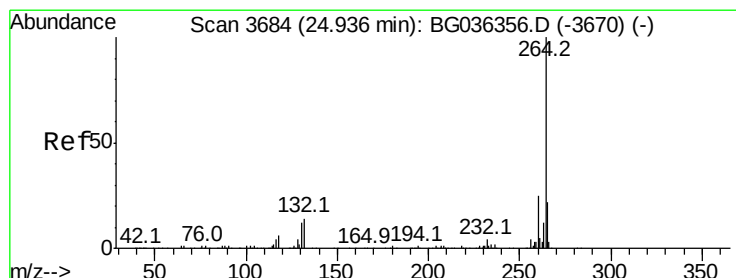
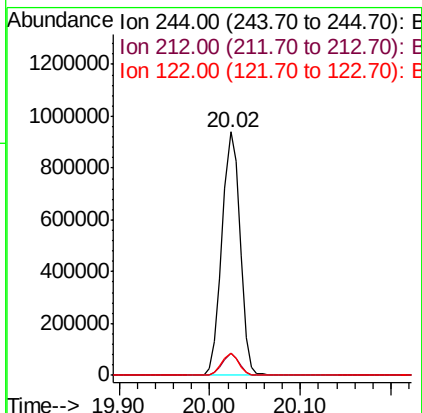
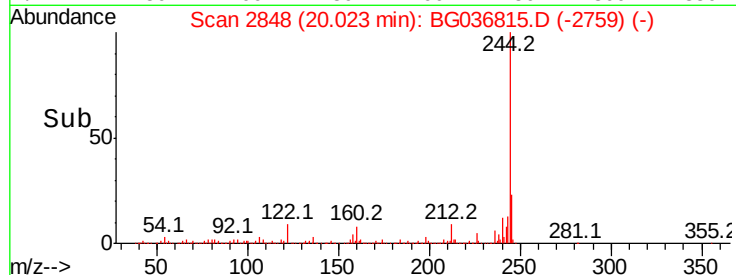
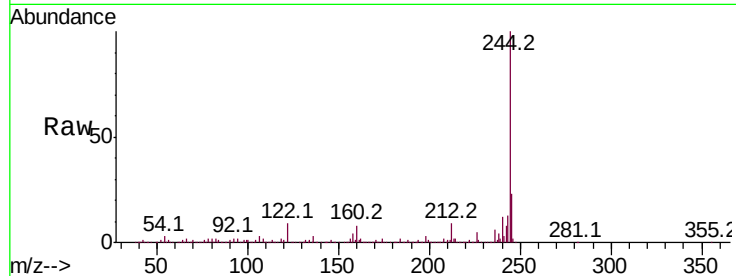
Tot Ion:244 Resp: 1301250

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.6

122 8.9 7.1 10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.89 min Scan# 3676

Delta R.T. -0.01 min

Lab File: BG036815.D

Acq: 19 Sep 2018 10:45

Tgt Ion:264 Resp: 353121

Ion Ratio Lower Upper

264 100

260 22.1 19.6 29.4

265 21.1 17.4 26.0

