

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091918\
 Data File : BG036842.D
 Acq On : 20 Sep 2018 10:09
 Operator : JU/SJ
 Sample : PB112998BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB112998BL

Quant Time: Sep 20 11:38:31 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	59552	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	242968	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	160817	20.00	ng	-0.02
63) Phenanthrene-d10	17.41	188	409061	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	371420	20.00	ng	-0.02
86) Perylene-d12	24.88	264	366058	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	401904	107.06	ng	0.00
7) Phenol-d6	7.21	99	564234	104.97	ng	-0.01
23) Nitrobenzene-d5	9.20	82	351439	78.48	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	218468	113.85	ng	-0.02
44) 2-Fluorobiphenyl	13.29	172	811408	72.04	ng	-0.02
78) Terphenyl-d14	20.02	244	1256903	79.10	ng	-0.01

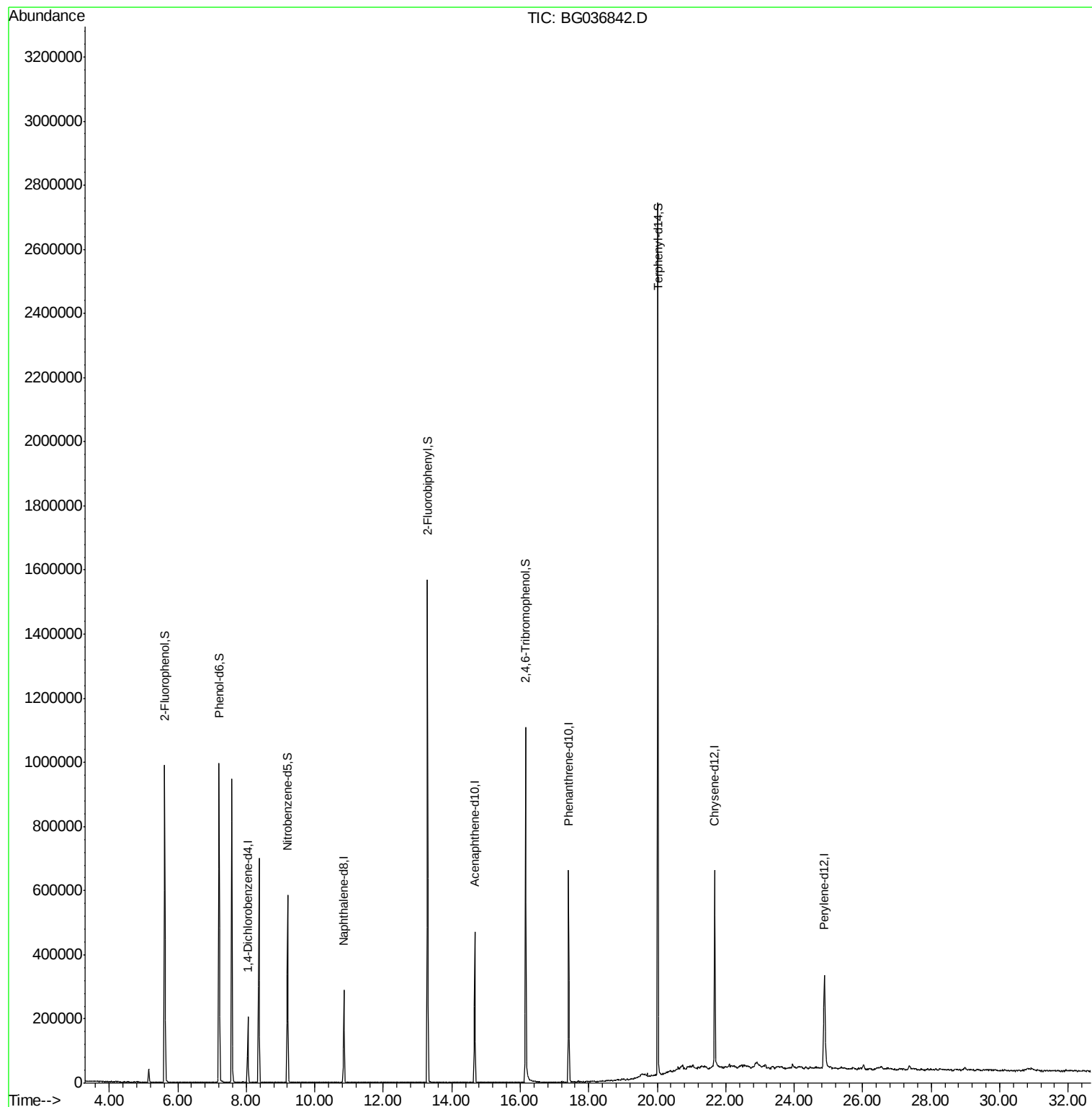
Target Compounds Qvalue

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

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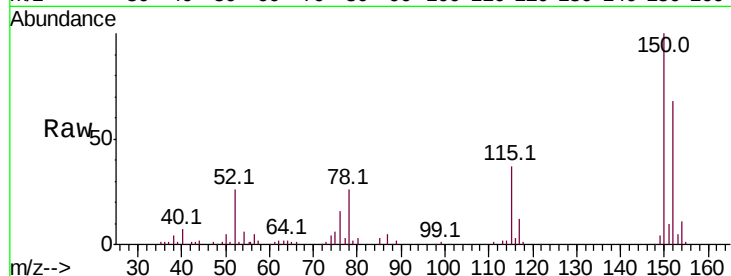


#1

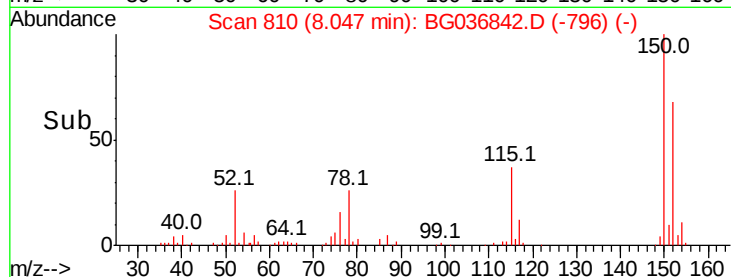
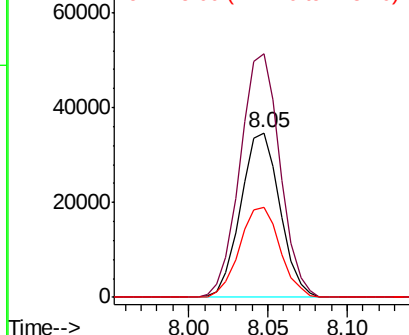
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.02 min
Lab File: BG036842.D
Acq: 20 Sep 2018 10:09

Instrument :
BNA_G
ClientSampleId :
PB112998BL

Tot Ion:152 Resp: 59552
Ion Ratio Lower Upper
152 100
150 147.7 119.5 179.3
115 54.4 44.5 66.7



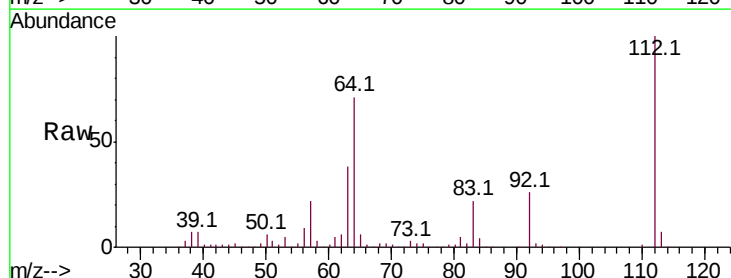
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



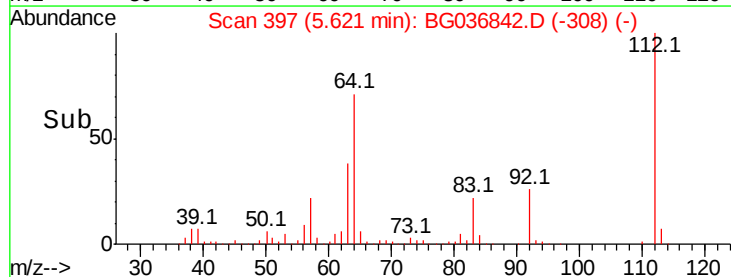
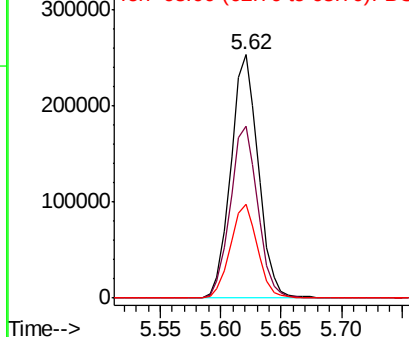
#5

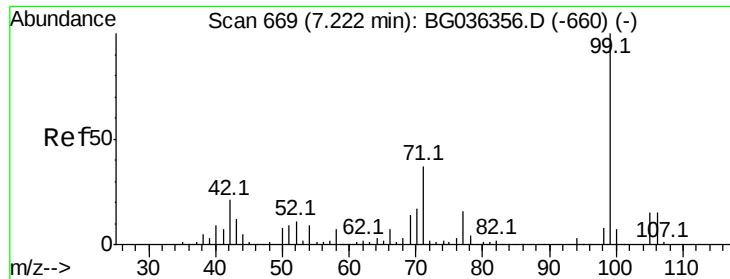
2-Fluorophenol
Concen: 107.056 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036842.D
Acq: 20 Sep 2018 10:09

Tgt Ion:112 Resp: 401904
Ion Ratio Lower Upper
112 100
64 70.8 57.2 85.8
63 38.3 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: 104.973 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036842.D

Acq: 20 Sep 2018 10:09

Instrument :

BNA_G

ClientSampleId :

PB112998BL

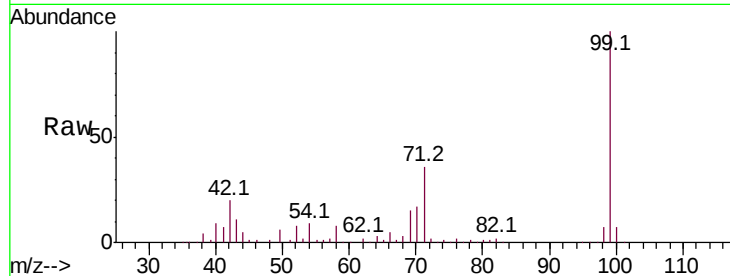
Tot Ion: 99 Resp: 564234

Ion Ratio Lower Upper

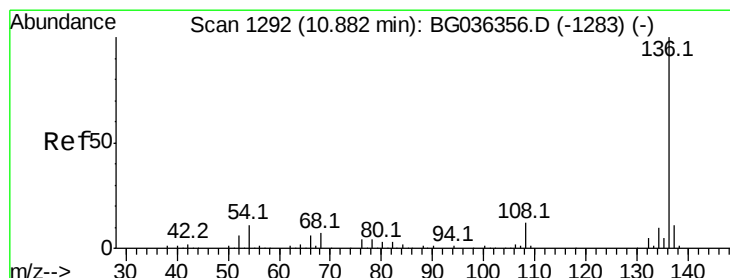
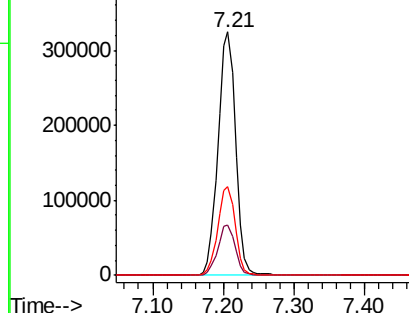
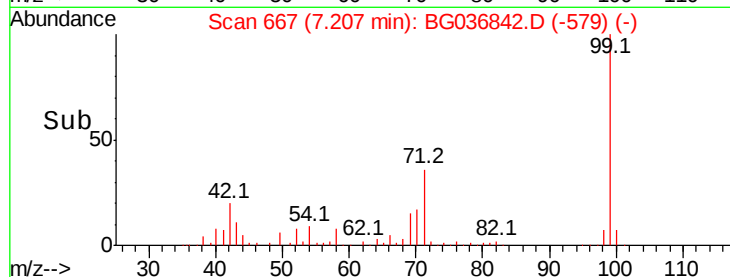
99 100

42 20.5 16.5 24.7

71 36.2 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: BG036842.D

Acq: 20 Sep 2018 10:09

Tgt Ion: 136 Resp: 242968

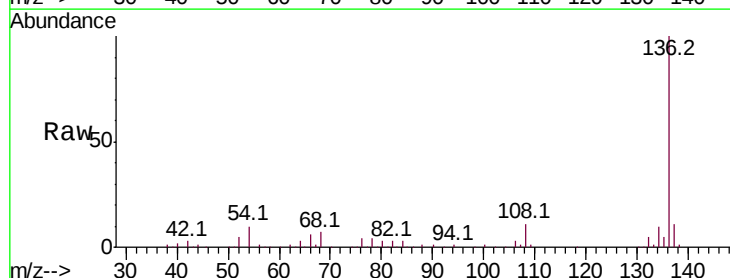
Ion Ratio Lower Upper

136 100

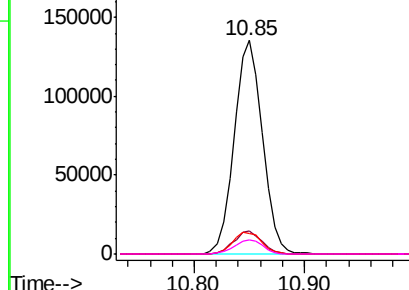
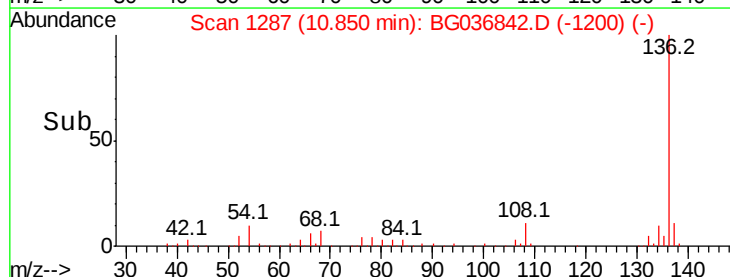
137 10.6 8.8 13.2

54 9.9 9.2 13.8

68 6.7 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

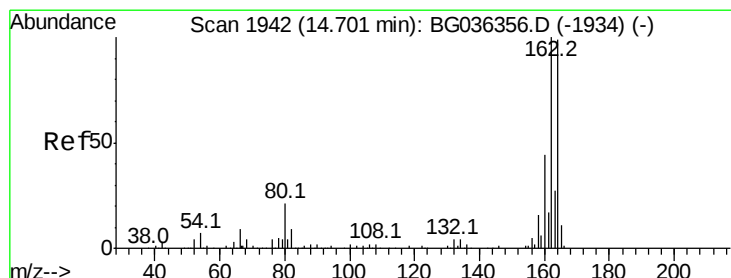
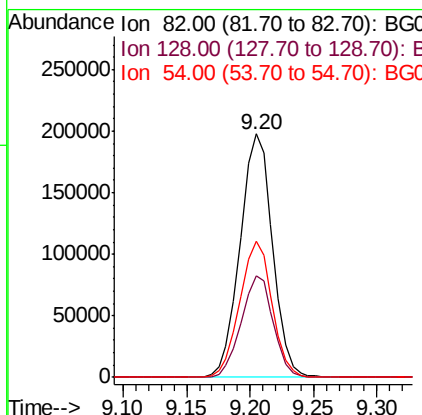
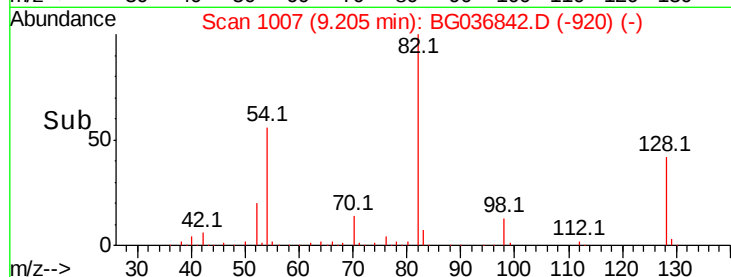
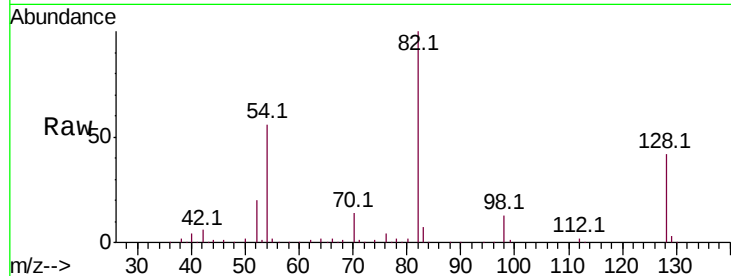




#23
 Nitrobenzene-d5
 Concen: 78.479 ng
 RT: 9.20 min Scan# 1007
 Delta R.T. -0.02 min
 Lab File: BG036842.D
 Acq: 20 Sep 2018 10:09

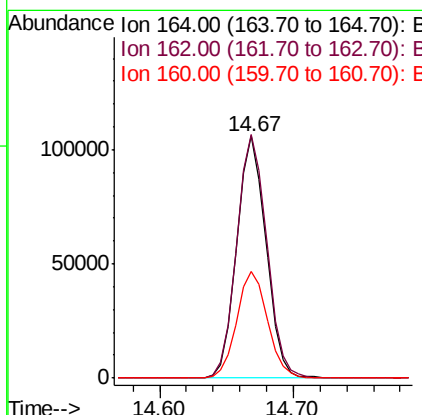
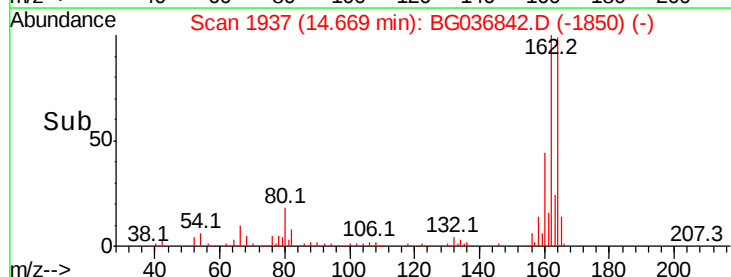
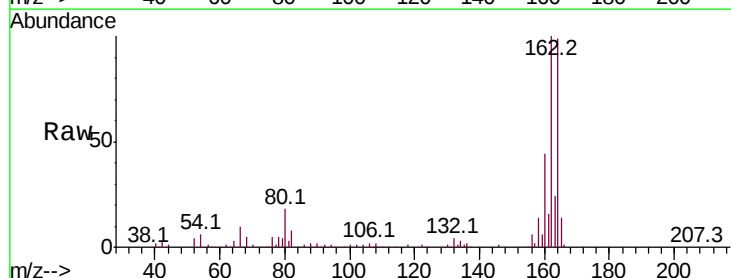
Instrument :
 BNA_G
 ClientSampleId :
 PB112998BL

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.6	33.3	49.9
54	56.0	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: BG036842.D
 Acq: 20 Sep 2018 10:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.6	80.7	121.1
160	43.8	35.3	52.9

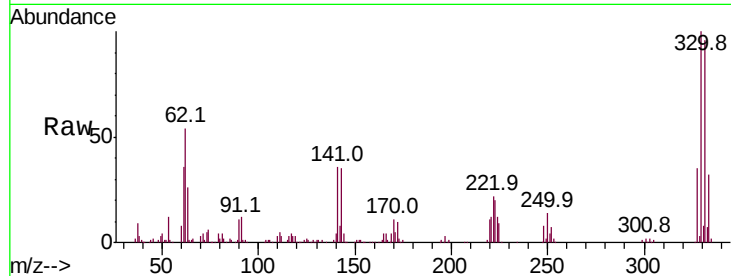




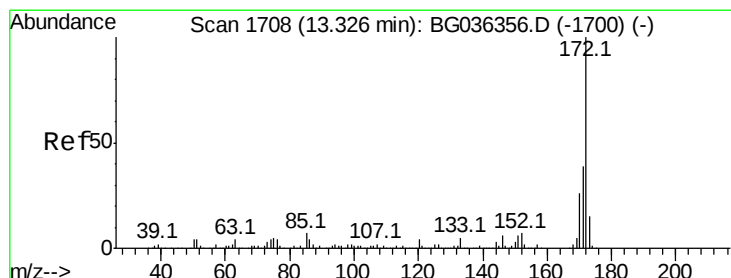
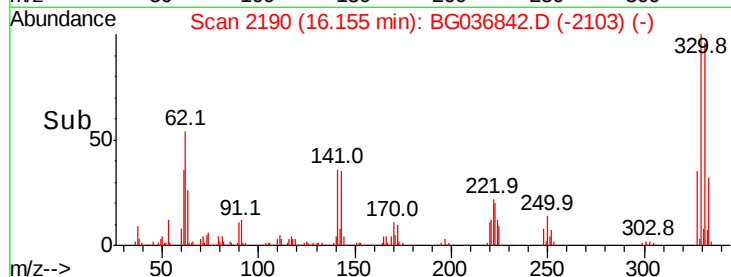
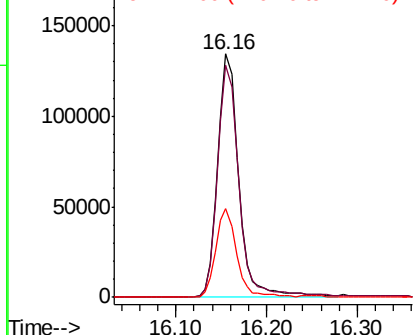
#41
 2,4,6-Tribromophenol
 Concen: 113.850 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.02 min
 Lab File: BG036842.D
 Acq: 20 Sep 2018 10:09

Instrument :
 BNA_G
 ClientSampleId :
 PB112998BL

Tot Ion:330 Resp: 218468
 Ion Ratio Lower Upper
 330 100
 332 97.1 75.4 113.2
 141 35.8 30.7 46.1

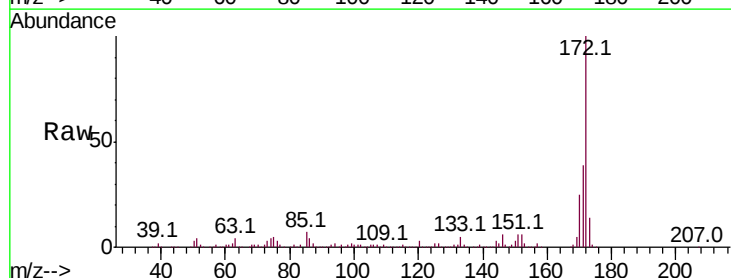


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

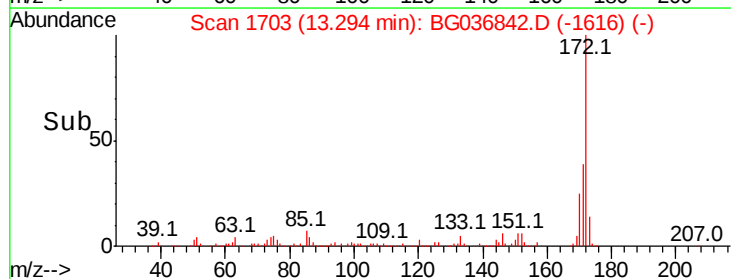
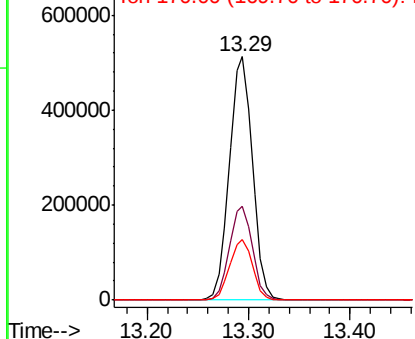


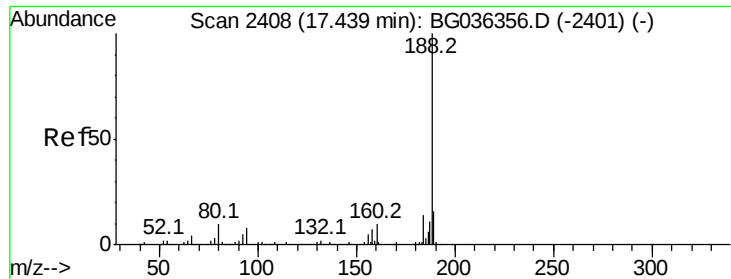
#44
 2-Fluorobiphenyl
 Concen: 72.041 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.02 min
 Lab File: BG036842.D
 Acq: 20 Sep 2018 10:09

Tgt Ion:172 Resp: 811408
 Ion Ratio Lower Upper
 172 100
 171 38.8 31.3 46.9
 170 25.0 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: BG036842.D

Acq: 20 Sep 2018 10:09

Instrument :

BNA_G

ClientSampleId :

PB112998BL

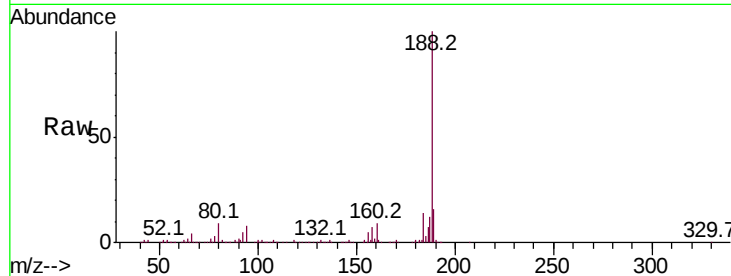
Tot Ion:188 Resp: 409061

Ion Ratio Lower Upper

188 100

94 8.0 6.7 10.1

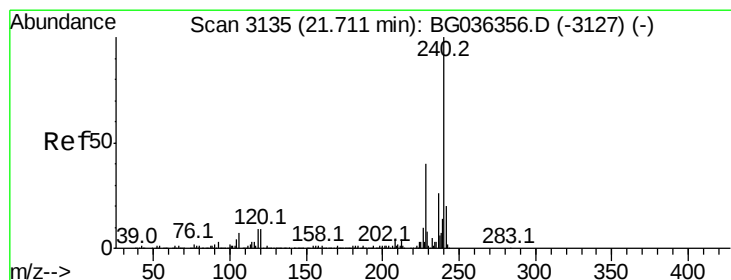
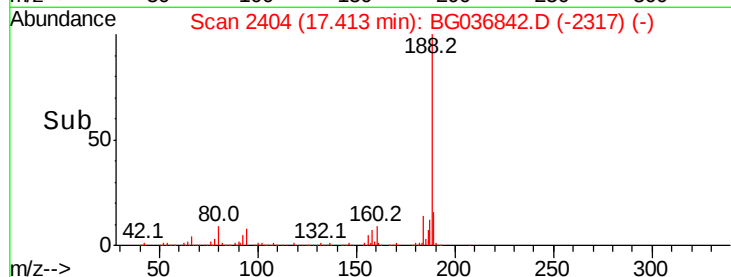
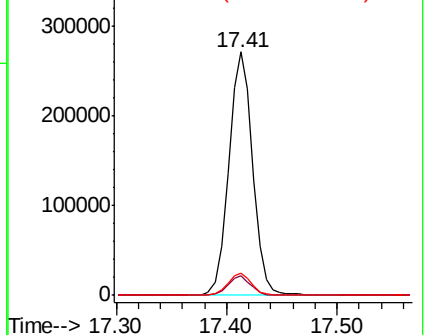
80 9.2 8.1 12.1



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3130

Delta R.T. -0.02 min

Lab File: BG036842.D

Acq: 20 Sep 2018 10:09

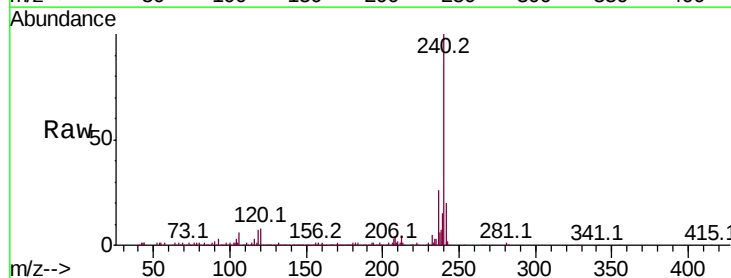
Tgt Ion:240 Resp: 371420

Ion Ratio Lower Upper

240 100

120 7.7 6.9 10.3

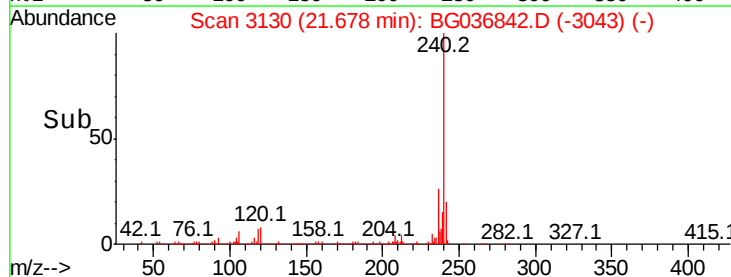
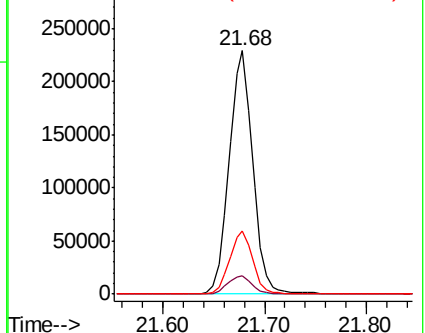
236 25.9 21.2 31.8



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



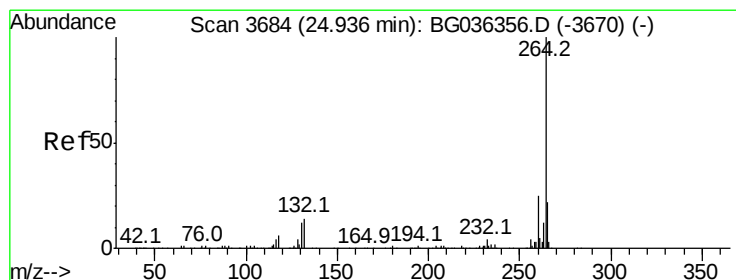
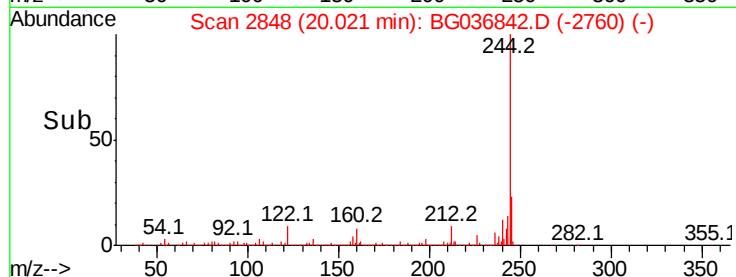
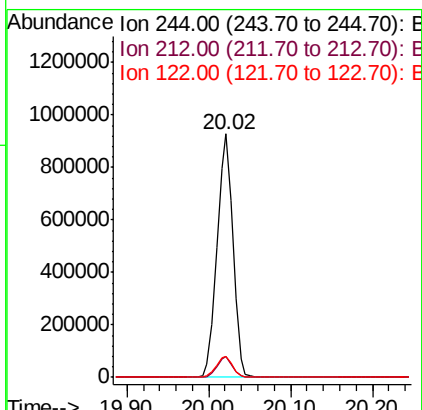
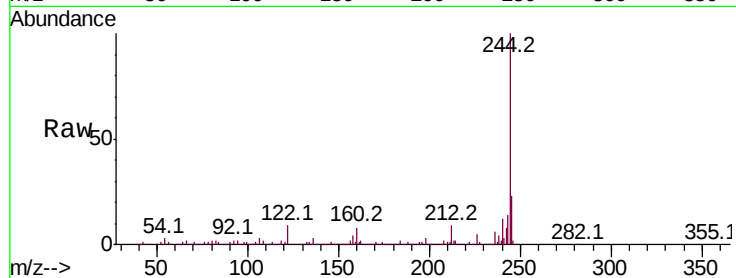


#78
 Terphenyl-d14
 Concen: 79.097 ng
 RT: 20.02 min Scan# 2848
 Delta R.T. -0.01 min
 Lab File: BG036842.D
 Acq: 20 Sep 2018 10:09

Instrument :
 BNA_G
 ClientSampleId :
 PB112998BL

Tot Ion:244 Resp: 1256903

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.0	10.6
122	8.6	7.1	10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.88 min Scan# 3675
 Delta R.T. -0.02 min
 Lab File: BG036842.D
 Acq: 20 Sep 2018 10:09

Tgt Ion:264 Resp: 366058

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.6	29.4
265	21.6	17.4	26.0

