

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090618\
 Data File : BG036591.D
 Acq On : 7 Sep 2018 11:11
 Operator : JU/SJ
 Sample : PB112623TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB112623TB

Quant Time: Sep 07 12:26:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 23 12:07:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	58287	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	245458	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	172560	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	451319	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	470998	20.00	ng	-0.02
86) Perylene-d12	24.90	264	435498	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	436753	118.86	ng	-0.01
7) Phenol-d6	7.21	99	620045	117.86	ng	-0.01
23) Nitrobenzene-d5	9.21	82	373851	82.64	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	258653	125.62	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	918321	75.98	ng	-0.02
78) Terphenyl-d14	20.03	244	1589580	78.88	ng	-0.02

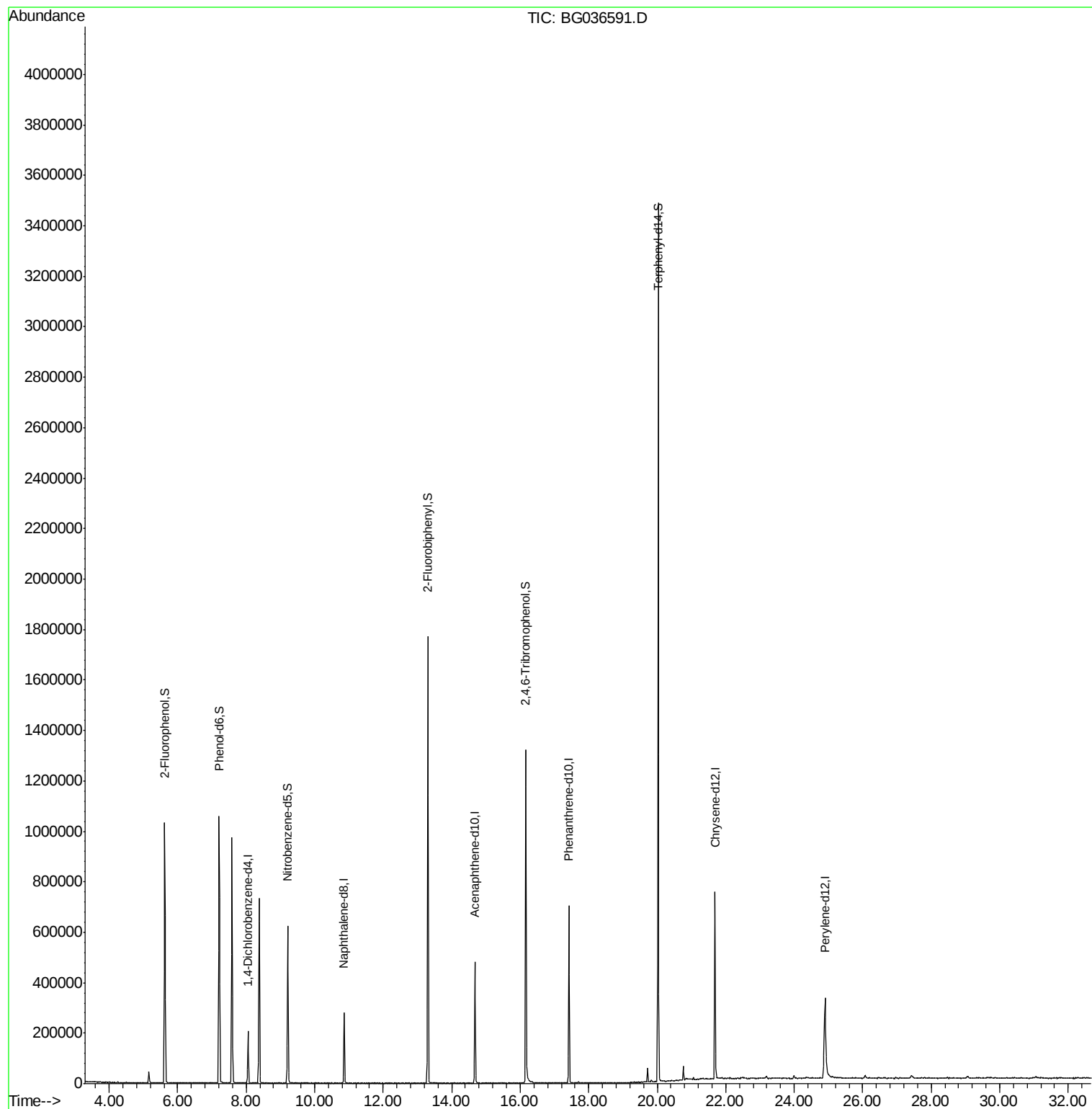
Target Compounds Qvalue

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

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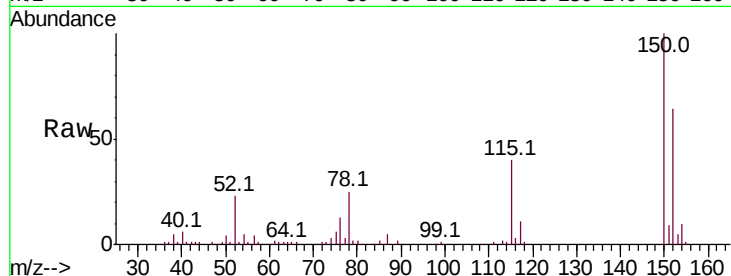




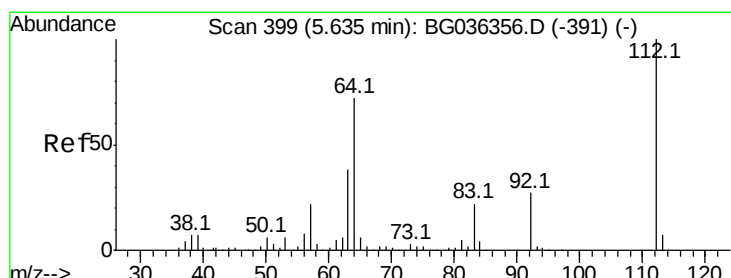
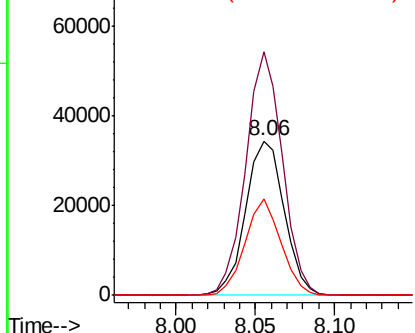
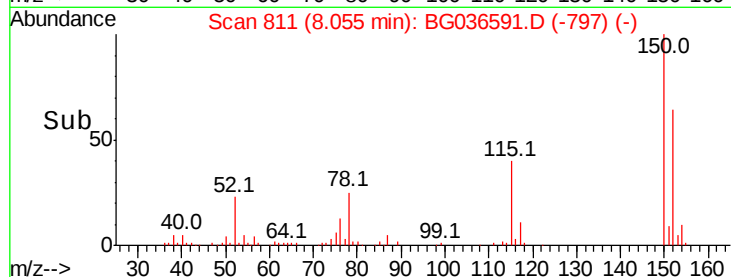
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 811
 Delta R.T. -0.02 min
 Lab File: BG036591.D
 Acq: 7 Sep 2018 11:11

Instrument :
 BNA_G
 ClientSampleId :
 PB112623TB

Tot Ion:152 Resp: 58287
 Ion Ratio Lower Upper
 152 100
 150 157.4 119.5 179.3
 115 62.4 44.5 66.7

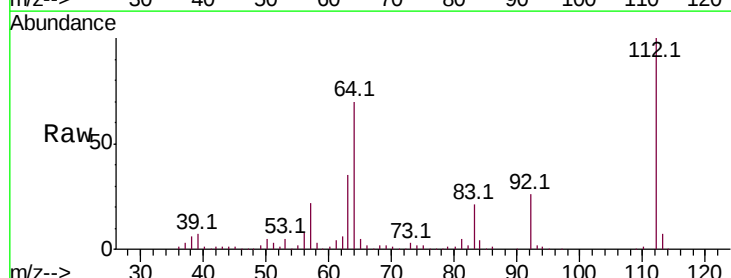


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

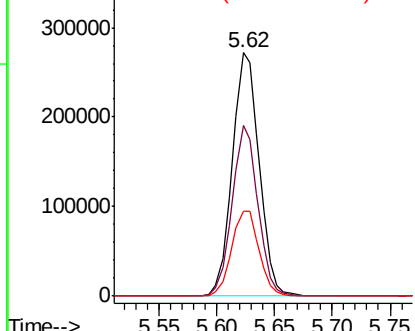
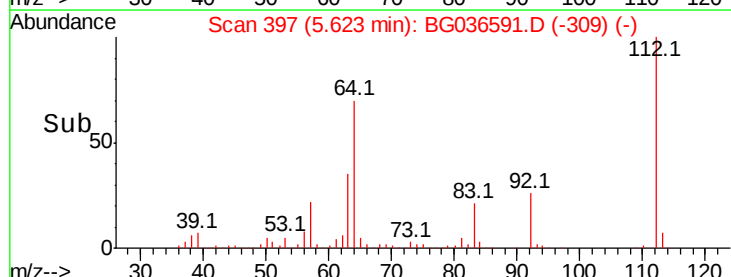


#5
 2-Fluorophenol
 Concen: 118.863 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.01 min
 Lab File: BG036591.D
 Acq: 7 Sep 2018 11:11

Tgt Ion:112 Resp: 436753
 Ion Ratio Lower Upper
 112 100
 64 69.9 57.2 85.8
 63 34.9 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: 117.860 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036591.D

Acq: 7 Sep 2018 11:11

Instrument :

BNA_G

ClientSampleId :

PB112623TB

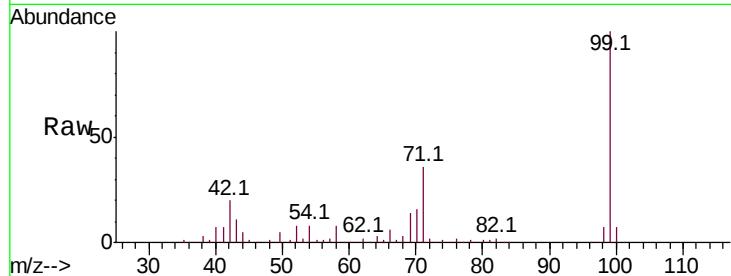
Tot Ion: 99 Resp: 620045

Ion Ratio Lower Upper

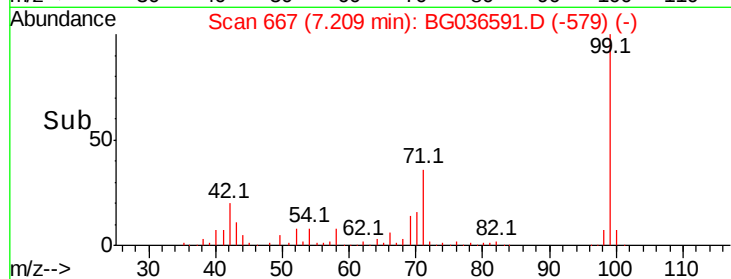
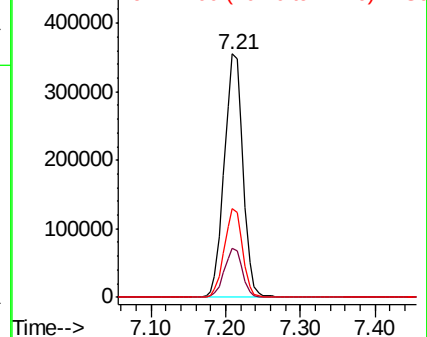
99 100

42 20.2 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: 10.86 min Scan# 1288

Delta R.T. -0.02 min

Lab File: BG036591.D

Acq: 7 Sep 2018 11:11

Tgt Ion: 136 Resp: 245458

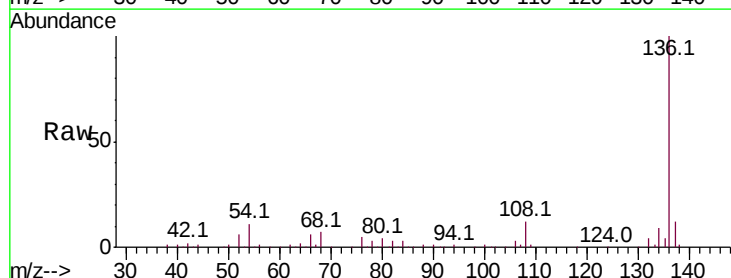
Ion Ratio Lower Upper

136 100

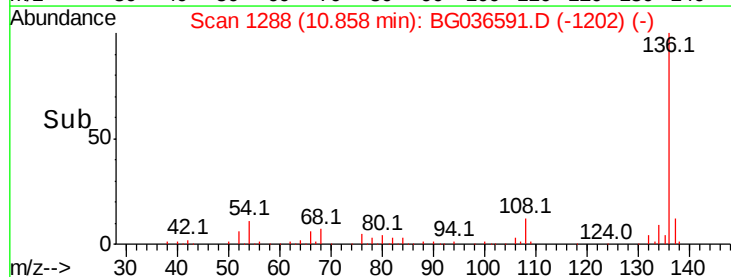
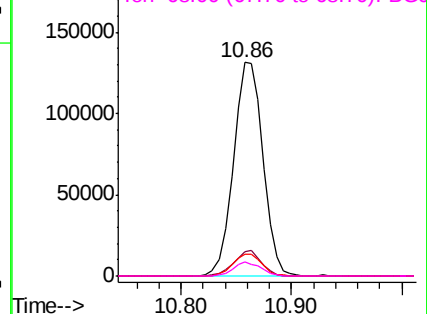
137 11.6 8.8 13.2

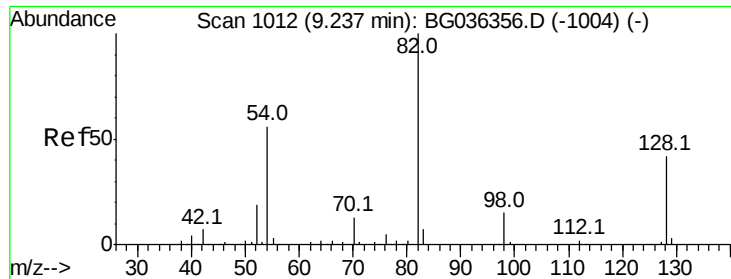
54 10.5 9.2 13.8

68 6.6 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

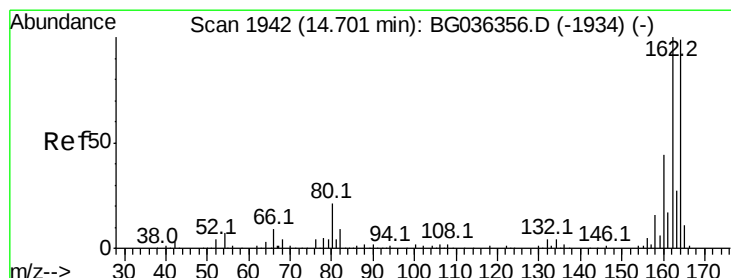
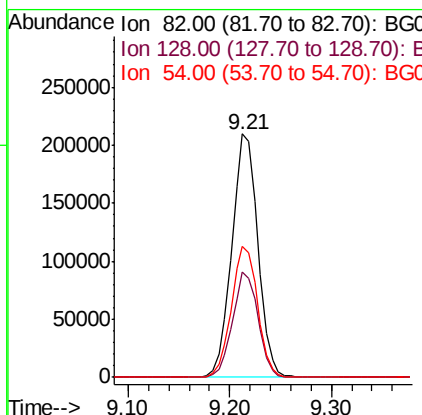
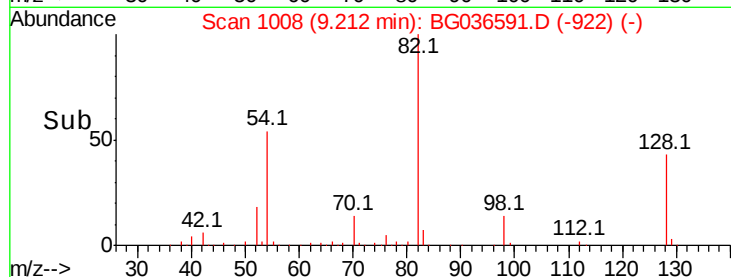
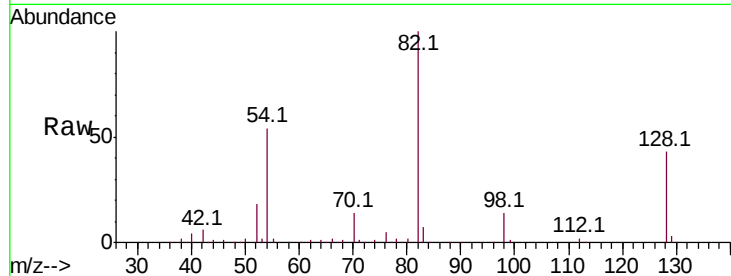




#23
Nitrobenzene-d5
Concen: 82.637 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BG036591.D
Acq: 7 Sep 2018 11:11

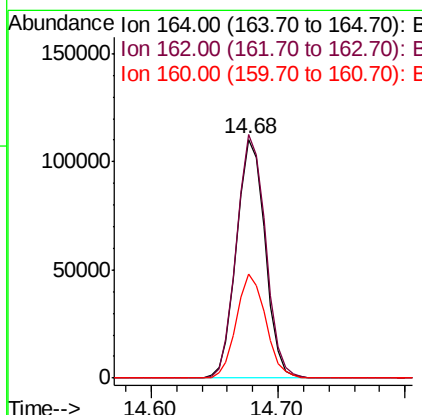
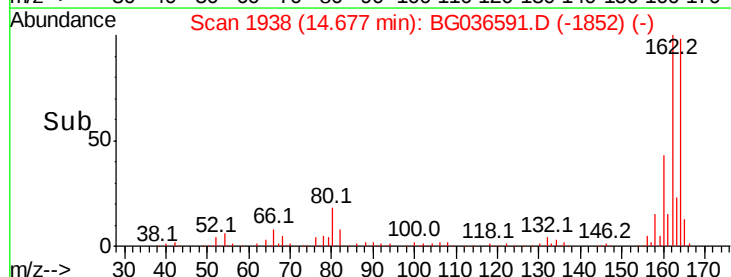
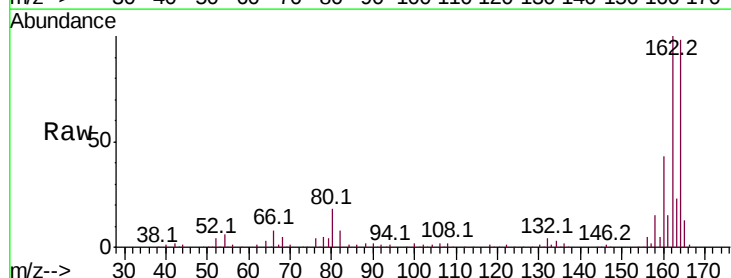
Instrument :
BNA_G
ClientSampled :
PB112623TB

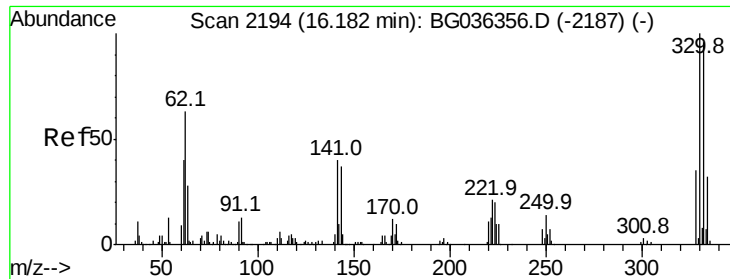
Tot Ion: 82 Resp: 373851
Ion Ratio Lower Upper
82 100
128 43.2 33.3 49.9
54 53.9 45.1 67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1938
Delta R.T. -0.02 min
Lab File: BG036591.D
Acq: 7 Sep 2018 11:11

Tgt Ion:164 Resp: 172560
Ion Ratio Lower Upper
164 100
162 101.9 80.7 121.1
160 43.4 35.3 52.9

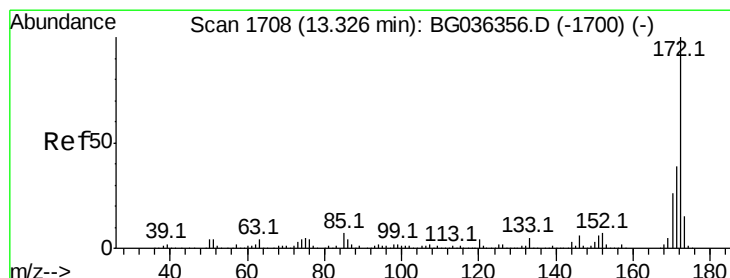
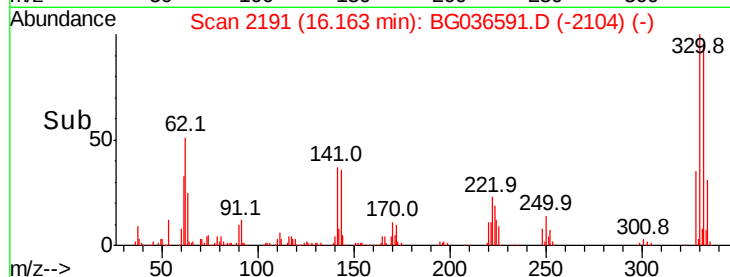
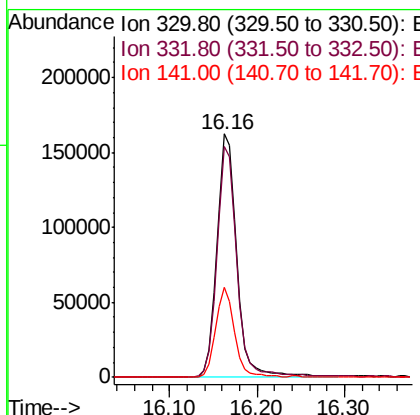
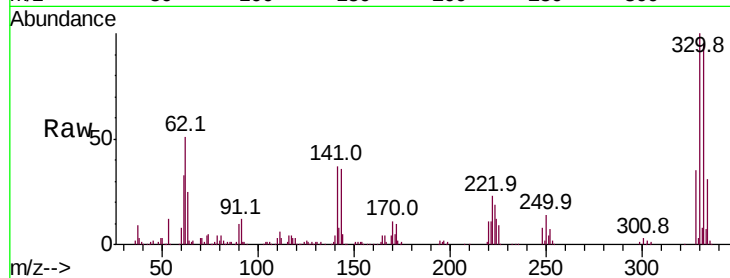




#41
 2,4,6-Tribromophenol
 Concen: 125.619 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.02 min
 Lab File: BG036591.D
 Acq: 7 Sep 2018 11:11

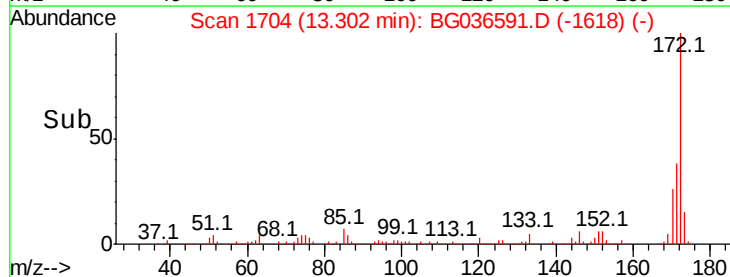
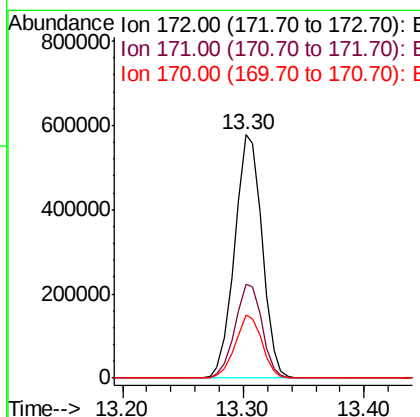
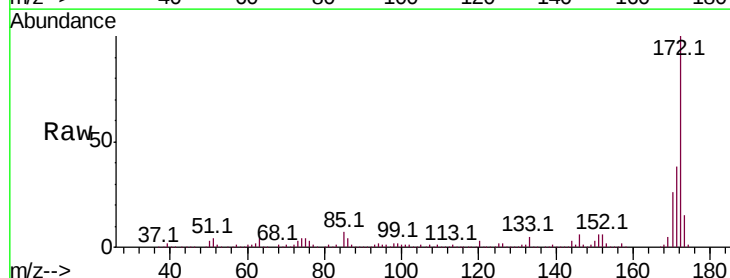
Instrument :
 BNA_G
 ClientSampleId :
 PB112623TB

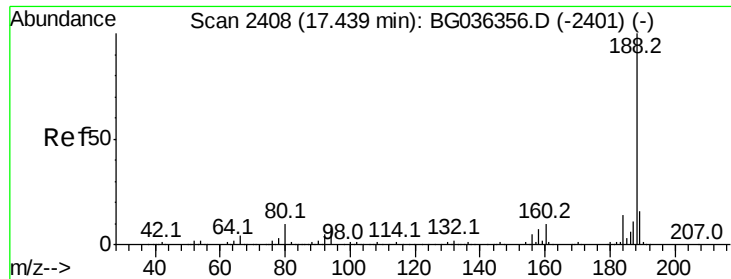
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	75.4	113.2
141	34.8	30.7	46.1



#44
 2-Fluorobiphenyl
 Concen: 75.985 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.02 min
 Lab File: BG036591.D
 Acq: 7 Sep 2018 11:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.3	46.9
170	26.1	21.0	31.6

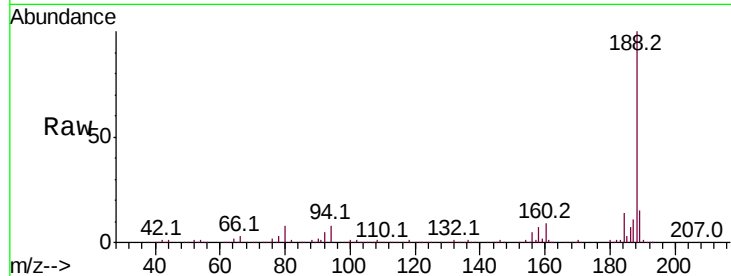




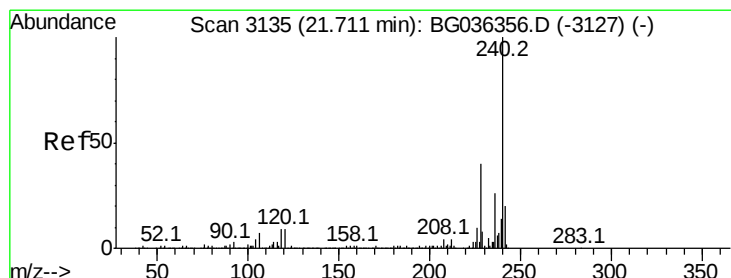
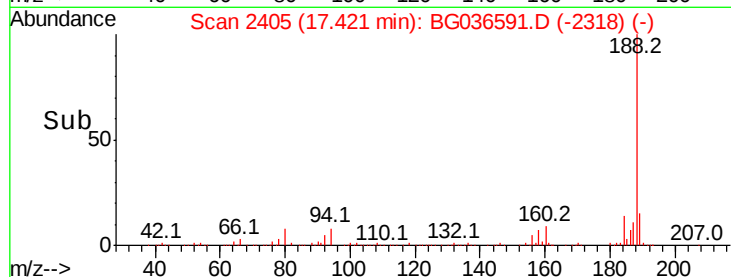
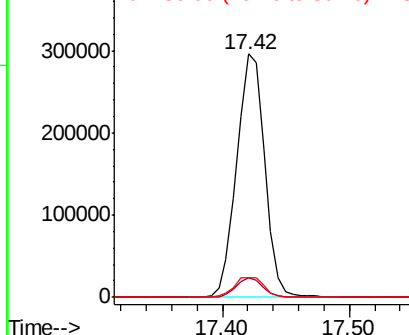
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.02 min
Lab File: BG036591.D
Acq: 7 Sep 2018 11:11

Instrument :
BNA_G
ClientSampleId :
PB112623TB

Tot Ion:188 Resp: 451319
Ion Ratio Lower Upper
188 100
94 7.9 6.7 10.1
80 8.3 8.1 12.1

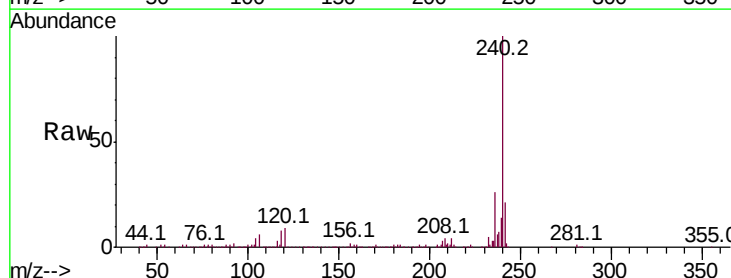


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

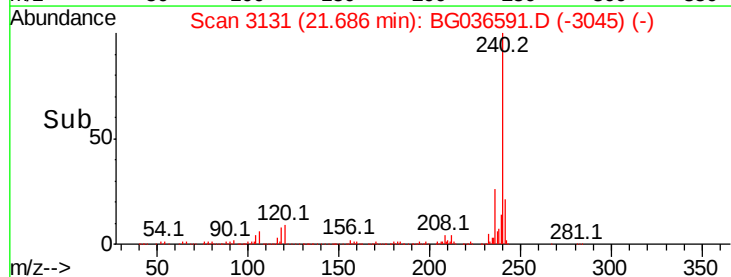
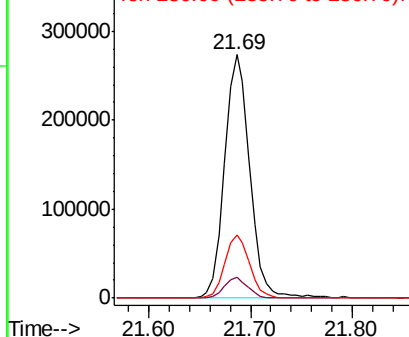


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3131
Delta R.T. -0.02 min
Lab File: BG036591.D
Acq: 7 Sep 2018 11:11

Tgt Ion:240 Resp: 470998
Ion Ratio Lower Upper
240 100
120 8.8 6.9 10.3
236 25.8 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



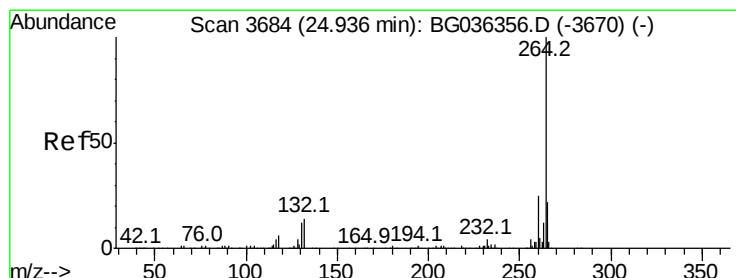
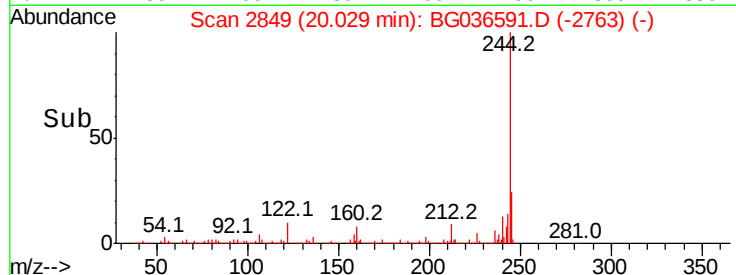
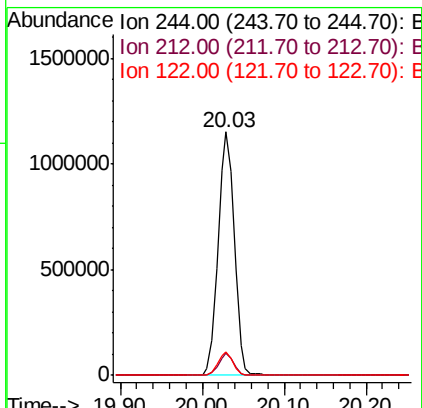
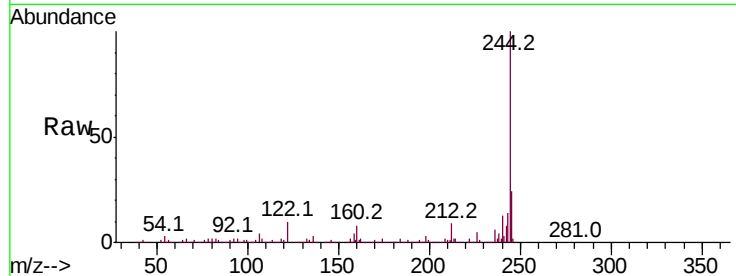


#78
 Terphenyl-d14
 Concen: 78.883 ng
 RT: 20.03 min Scan# 2849
 Delta R.T. -0.02 min
 Lab File: BG036591.D
 Acq: 7 Sep 2018 11:11

Instrument :
 BNA_G
 ClientSampleId :
 PB112623TB

Tot Ion:244 Resp: 1589580

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.6
122	9.8	7.1	10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.90 min Scan# 3678
 Delta R.T. -0.04 min
 Lab File: BG036591.D
 Acq: 7 Sep 2018 11:11

Tgt Ion:264 Resp: 435498

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.6	29.4
265	20.5	17.4	26.0

