

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092118\
 Data File : BG036860.D
 Acq On : 21 Sep 2018 16:01
 Operator : JU/SJ
 Sample : PB113056BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113056BL

Quant Time: Sep 21 17:02:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 20 20:07:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	37511	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	158562	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	111541	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	323956	20.00	ng	0.00
75) Chrysene-d12	21.69	240	377380	20.00	ng	0.00
86) Perylene-d12	24.90	264	364938	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	282342	144.35	ng	0.00
7) Phenol-d6	7.21	99	397073	131.21	ng	0.00
23) Nitrobenzene-d5	9.21	82	255821	86.40	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	200210	150.02	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	654475	87.39	ng	0.00
78) Terphenyl-d14	20.03	244	1429195	99.58	ng	0.00

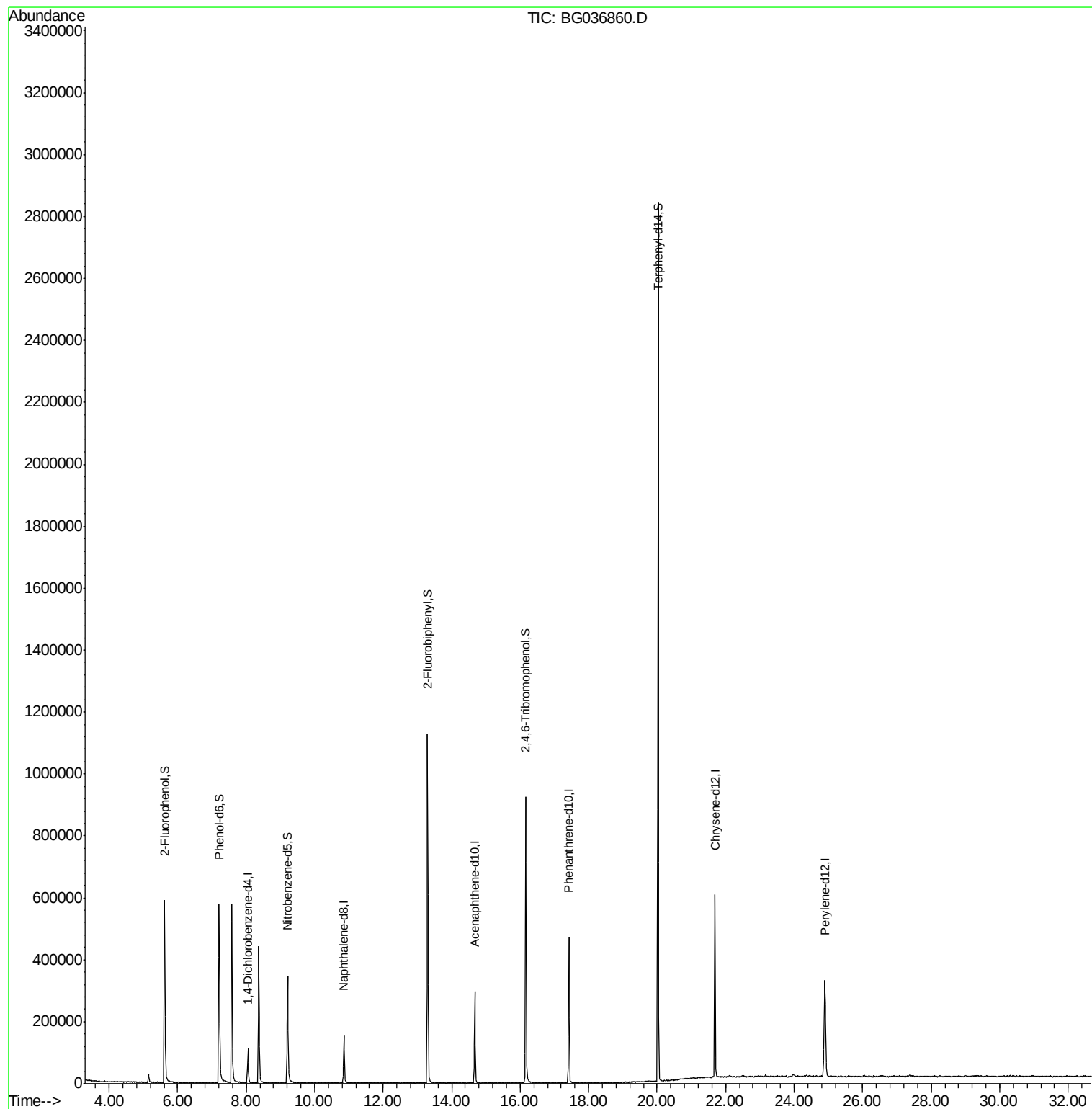
Target Compounds Qvalue

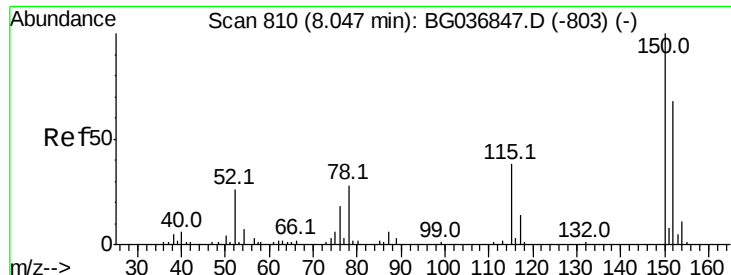
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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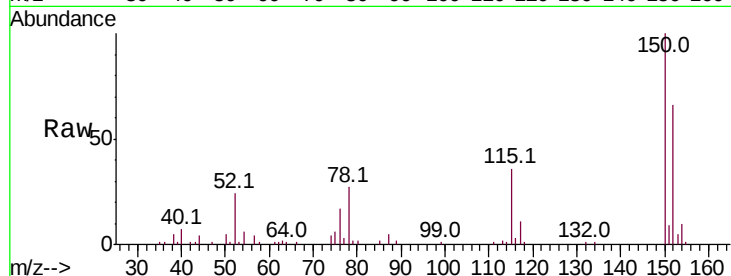


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. 0.00 min
Lab File: BG036860.D
Acq: 21 Sep 2018 16:01

Instrument :
BNA_G
ClientSampleId :
PB113056BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.4	119.5	179.3
115	55.2	44.5	66.7

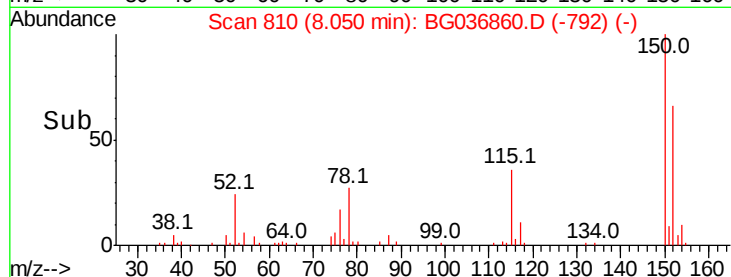
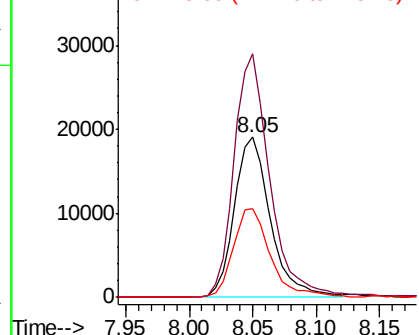


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

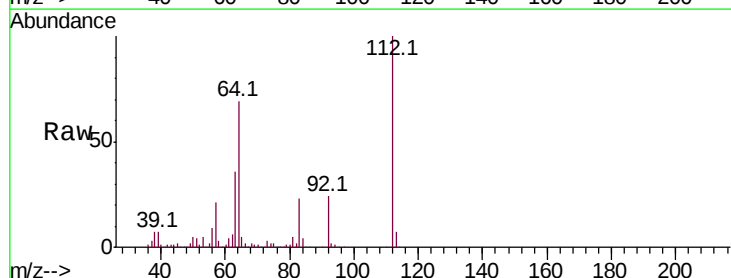
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 144.350 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG036860.D
Acq: 21 Sep 2018 16:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.6	57.2	85.8
63	36.5	30.8	46.2

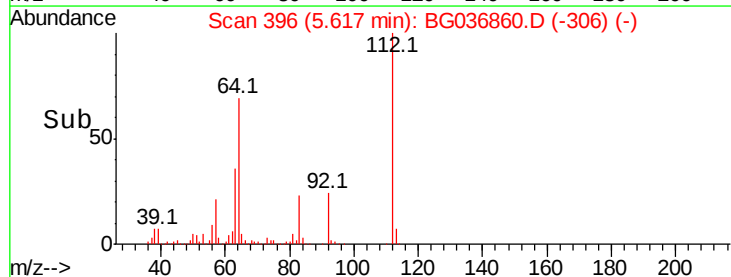
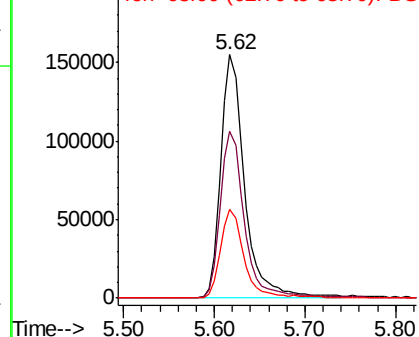


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 131.212 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.00 min

Lab File: BG036860.D

Acq: 21 Sep 2018 16:01

Instrument :

BNA_G

ClientSampleId :

PB113056BL

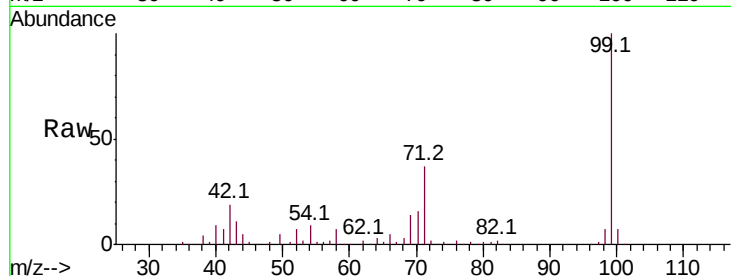
Tot Ion: 99 Resp: 397073

Ion Ratio Lower Upper

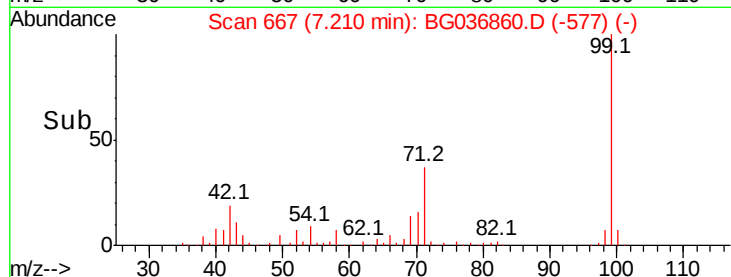
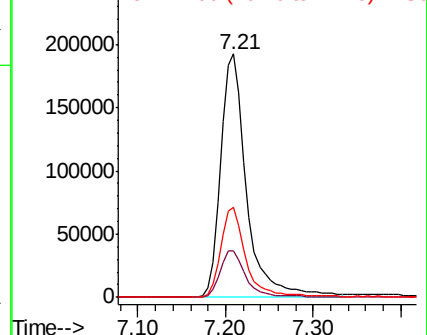
99 100

42 19.4 16.5 24.7

71 37.0 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. -0.00 min

Lab File: BG036860.D

Acq: 21 Sep 2018 16:01

Tgt Ion:136 Resp: 158562

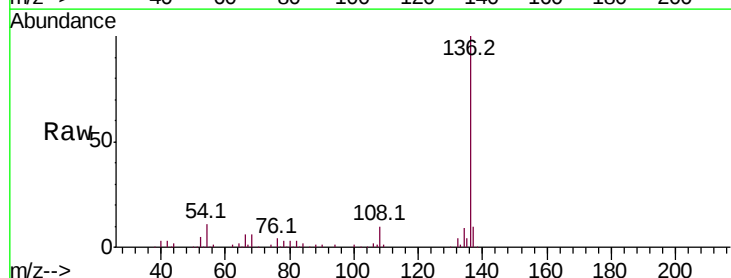
Ion Ratio Lower Upper

136 100

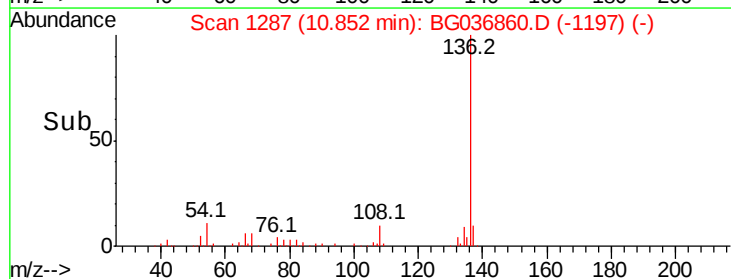
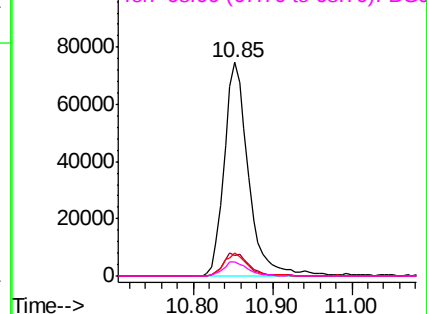
137 9.7 8.8 13.2

54 10.8 9.2 13.8

68 6.4 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

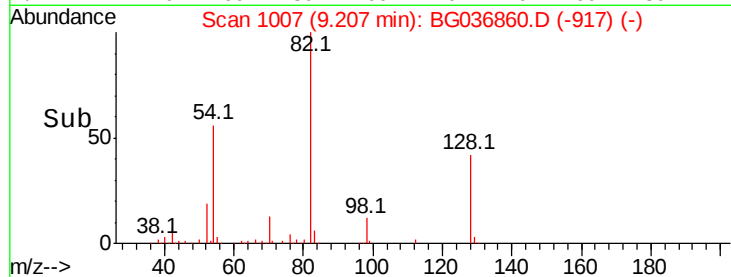
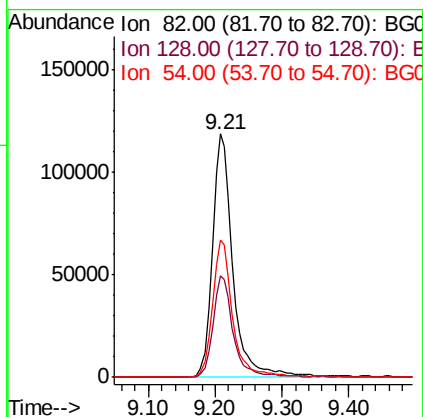
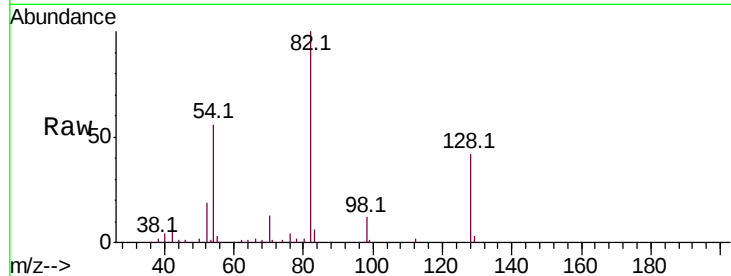




#23
Nitrobenzene-d5
Concen: 86.398 ng
RT: 9.21 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BG036860.D
Acq: 21 Sep 2018 16:01

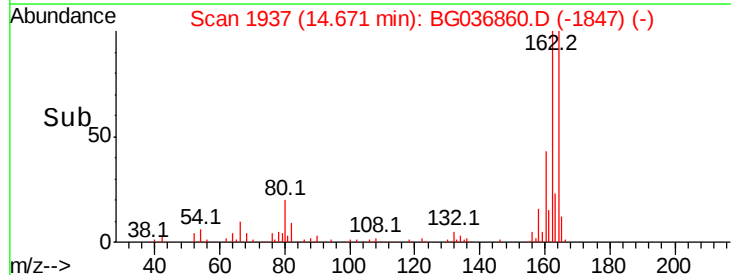
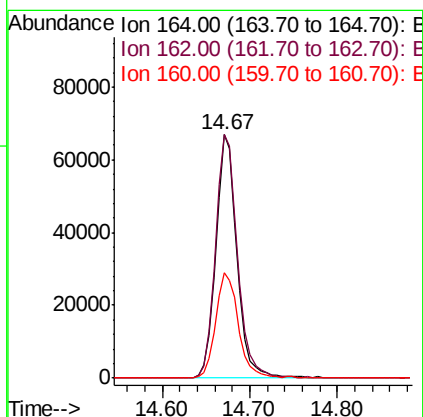
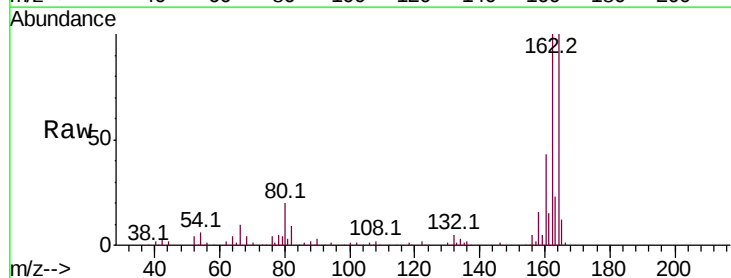
Instrument :
BNA_G
ClientSampleId :
PB113056BL

Tot Ion: 82 Resp: 255821
Ion Ratio Lower Upper
82 100
128 41.9 33.3 49.9
54 56.2 45.1 67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.00 min
Lab File: BG036860.D
Acq: 21 Sep 2018 16:01

Tgt Ion: 164 Resp: 111541
Ion Ratio Lower Upper
164 100
162 99.8 80.7 121.1
160 43.5 35.3 52.9

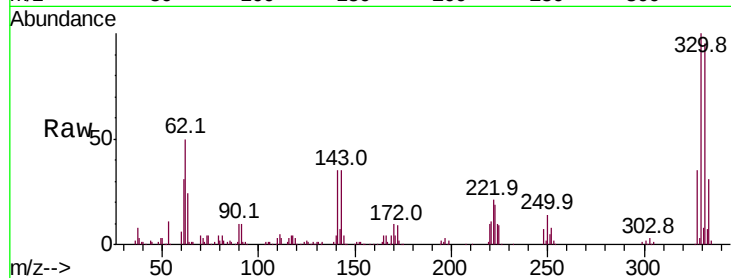




#41
 2,4,6-Tribromophenol
 Concen: 150.024 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.00 min
 Lab File: BG036860.D
 Acq: 21 Sep 2018 16:01

Instrument :
 BNA_G
 ClientSampleId :
 PB113056BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	75.4	113.2
141	36.0	30.7	46.1

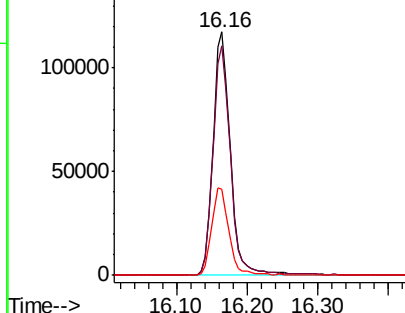
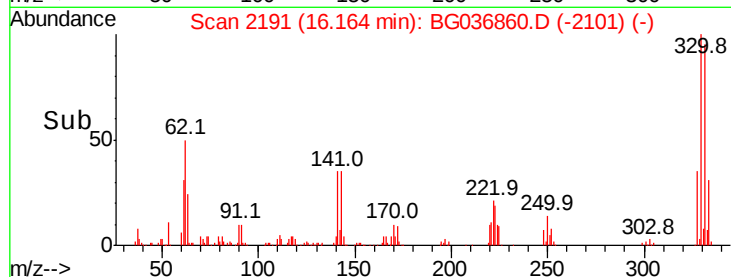


Abundance

Ion 329.80 (329.50 to 330.50): E

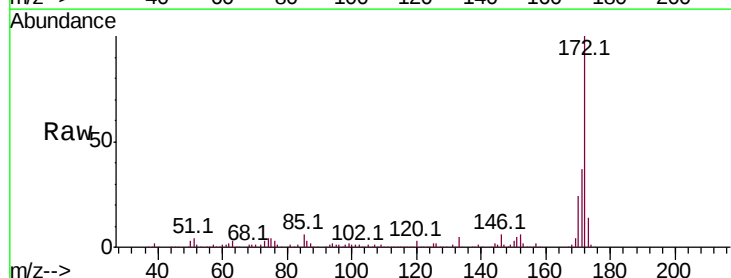
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 87.391 ng
 RT: 13.30 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG036860.D
 Acq: 21 Sep 2018 16:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	31.3	46.9
170	24.4	21.0	31.6

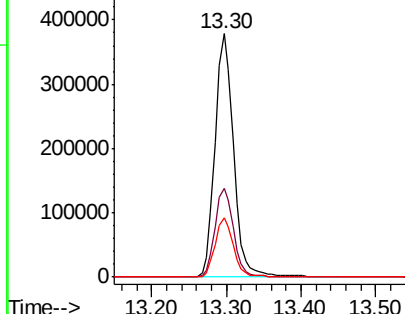
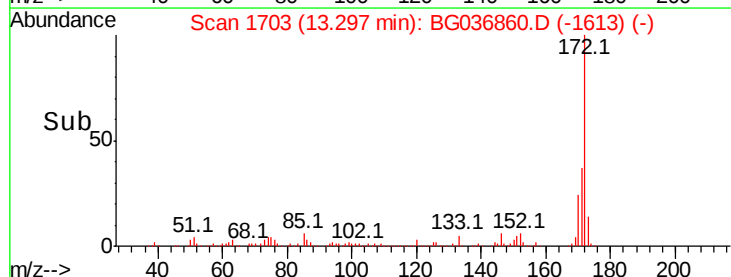


Abundance

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

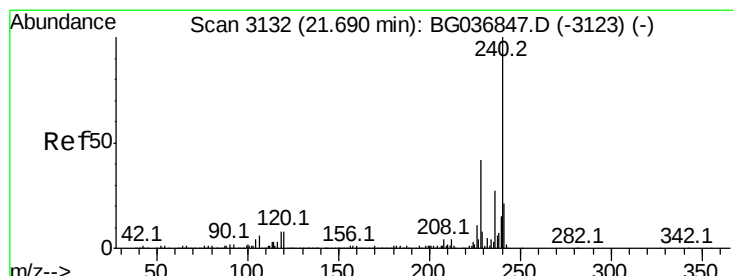
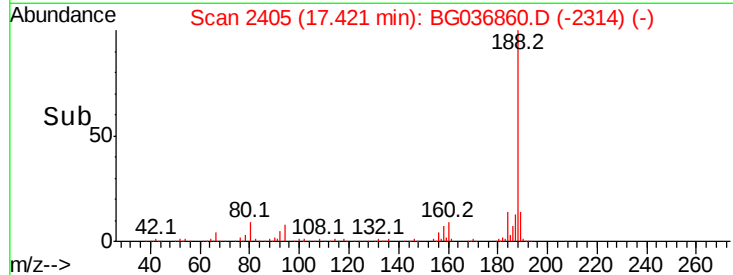
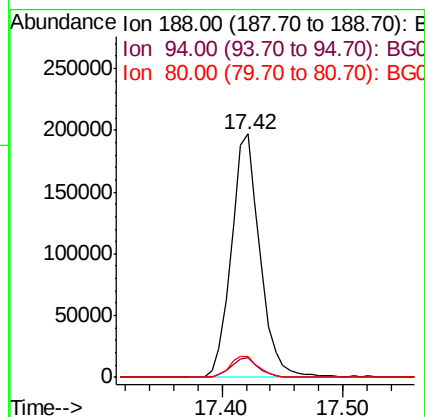
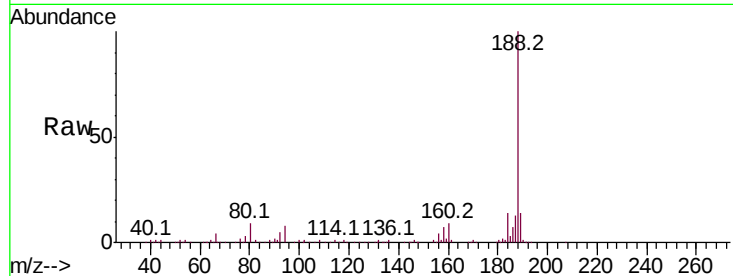




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. 0.00 min
Lab File: BG036860.D
Acq: 21 Sep 2018 16:01

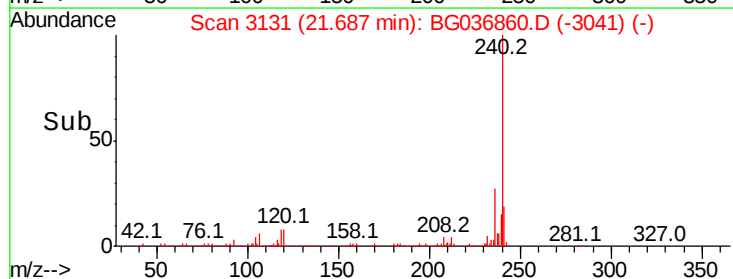
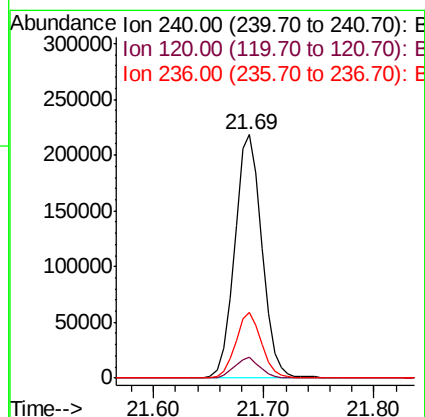
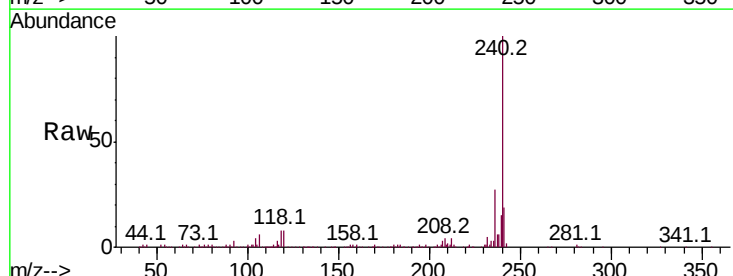
Instrument :
BNA_G
ClientSampleId :
PB113056BL

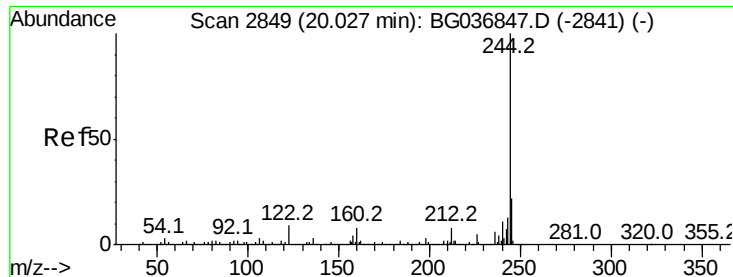
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.7	10.1
80	8.6	8.1	12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3131
Delta R.T. -0.00 min
Lab File: BG036860.D
Acq: 21 Sep 2018 16:01

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.4	6.9	10.3
236	26.7	21.2	31.8



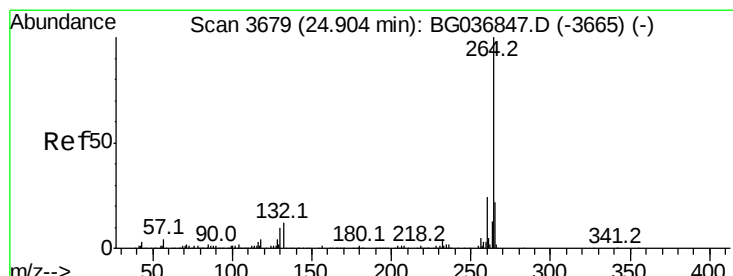
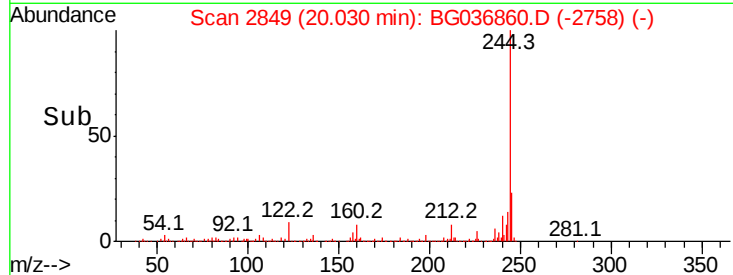
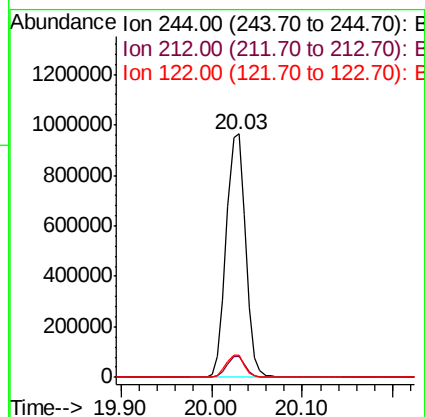
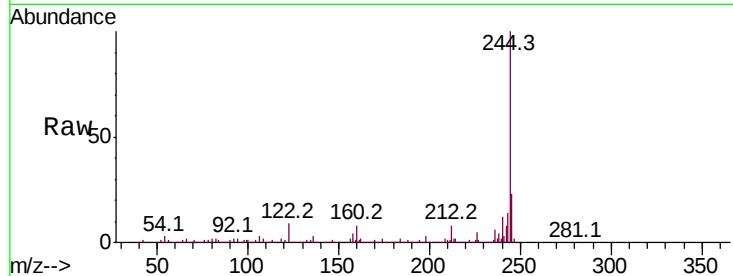


#78
 Terphenyl-d14
 Concen: 99.583 ng
 RT: 20.03 min Scan# 2849
 Delta R.T. 0.00 min
 Lab File: BG036860.D
 Acq: 21 Sep 2018 16:01

Instrument :
 BNA_G
 ClientSampleId :
 PB113056BL

Tot Ion:244 Resp: 1429195

Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.0	10.6
122	9.0	7.1	10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.90 min Scan# 3678
 Delta R.T. -0.00 min
 Lab File: BG036860.D
 Acq: 21 Sep 2018 16:01

Tgt Ion:264 Resp: 364938

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.6	29.4
265	21.7	17.4	26.0

