

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
 Data File : BG036712.D
 Acq On : 14 Sep 2018 19:21
 Operator : JU/SJ
 Sample : PB112835BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB112835BL

Quant Time: Sep 15 02:31:53 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	55177	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	217679	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	148495	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	406147	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	428634	20.00	ng	-0.02
86) Perylene-d12	24.89	264	425618	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	408356	117.40	ng	0.00
7) Phenol-d6	7.21	99	563299	113.11	ng	-0.01
23) Nitrobenzene-d5	9.21	82	345492	86.11	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	250815	141.55	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	828200	79.63	ng	-0.01
78) Terphenyl-d14	20.03	244	1541622	84.06	ng	0.00

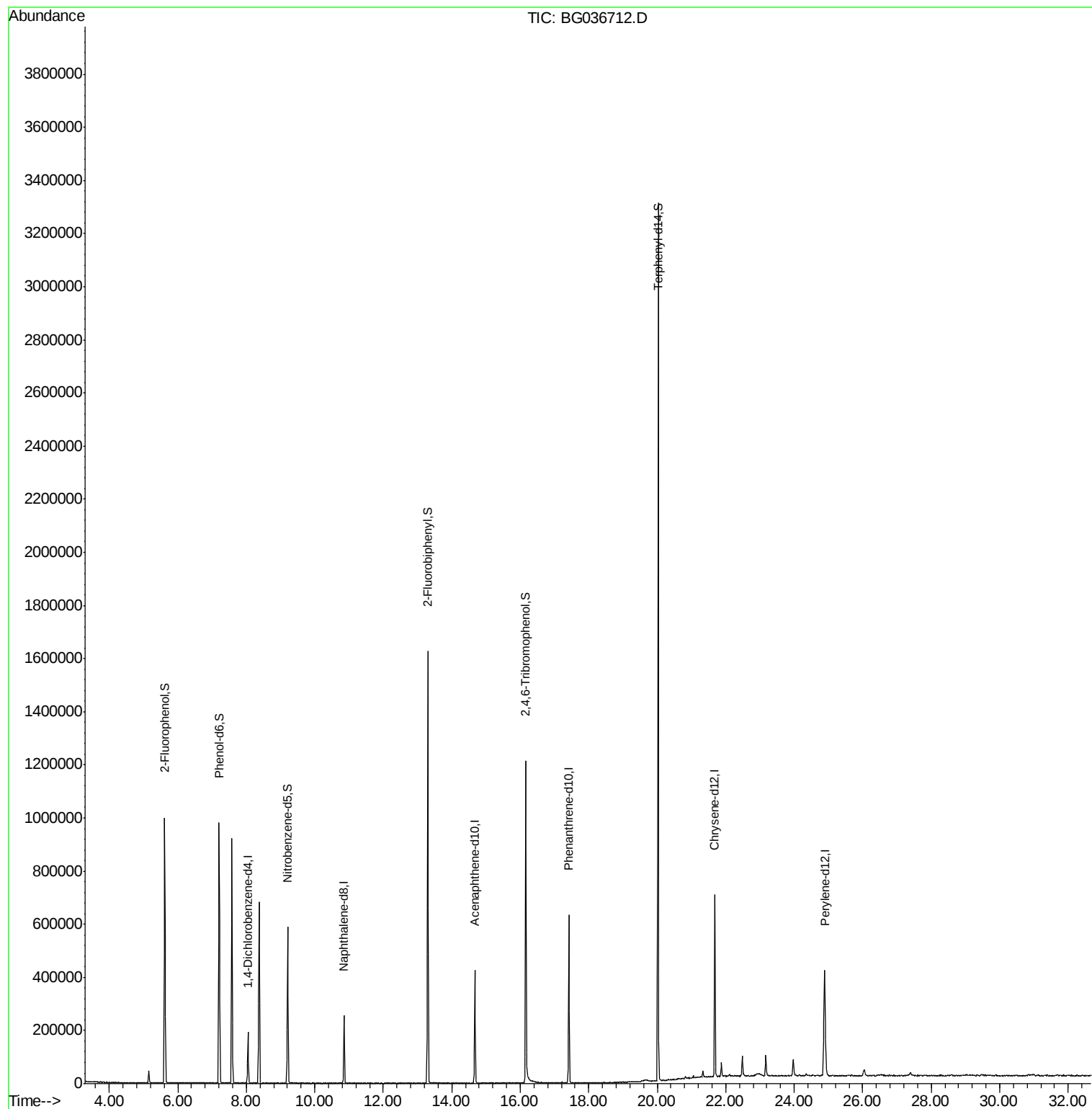
Target Compounds Qvalue

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
Data File : BG036712.D
Acq On : 14 Sep 2018 19:21
Operator : JU/SJ
Sample : PB112835BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB112835BL

Quant Time: Sep 15 02:31:53 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



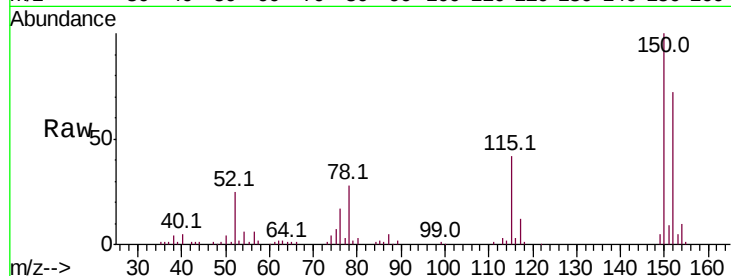


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BG036712.D
 Acq: 14 Sep 2018 19:21

Instrument :
 BNA_G
 ClientSampleId :
 PB112835BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	139.4	119.5	179.3
115	58.5	44.5	66.7

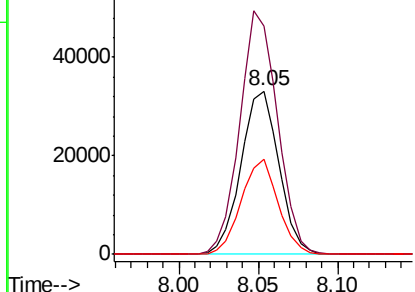
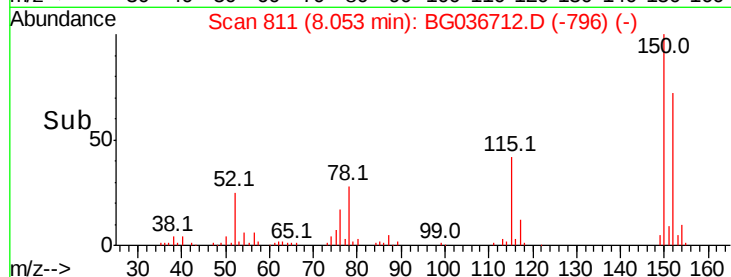


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

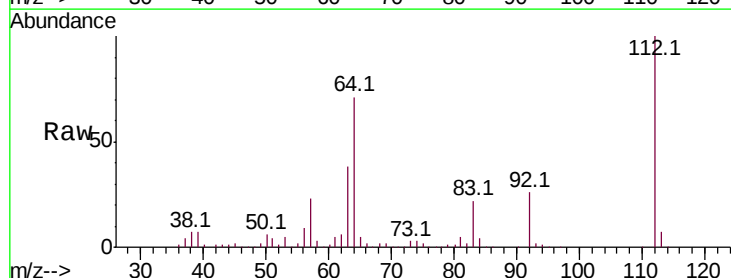
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 117.399 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.00 min
 Lab File: BG036712.D
 Acq: 14 Sep 2018 19:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.8	57.2	85.8
63	37.6	30.8	46.2

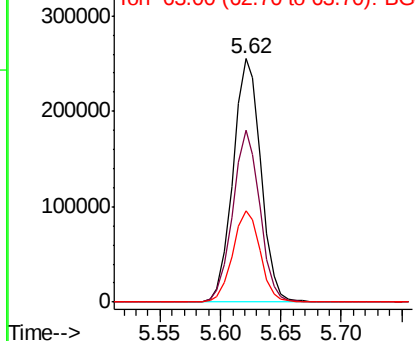
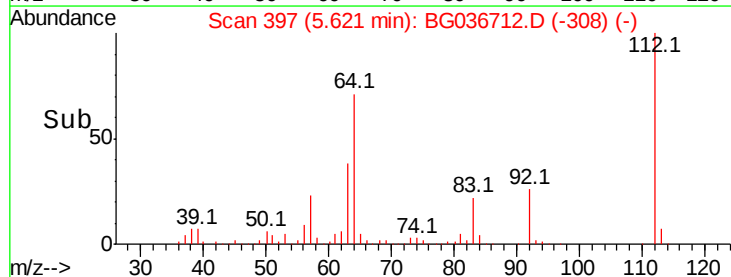


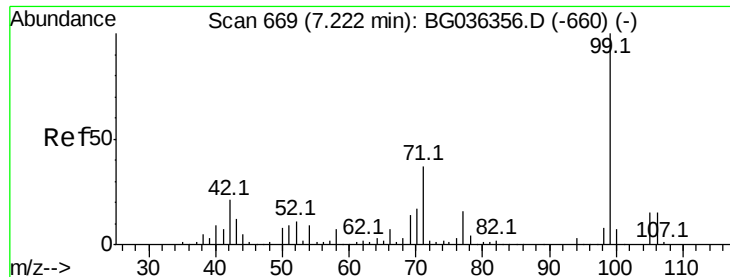
Abundance

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: 113.109 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036712.D

Acq: 14 Sep 2018 19:21

Instrument :

BNA_G

ClientSampleId :

PB112835BL

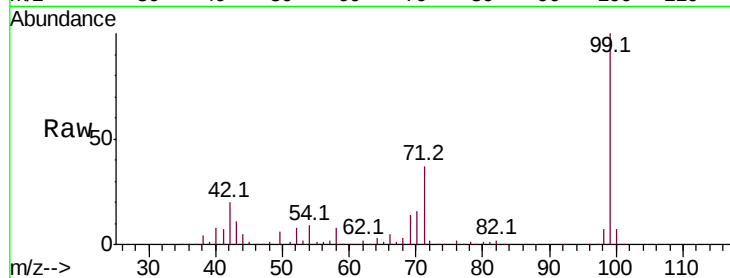
Tot Ion: 99 Resp: 563299

Ion Ratio Lower Upper

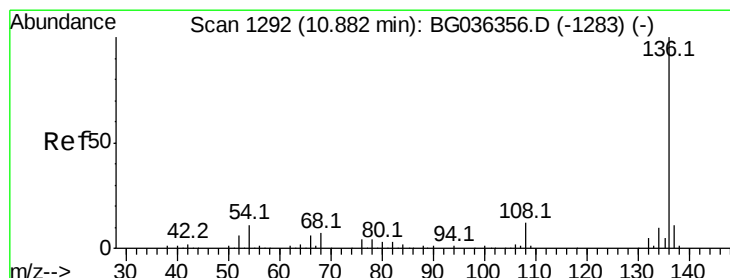
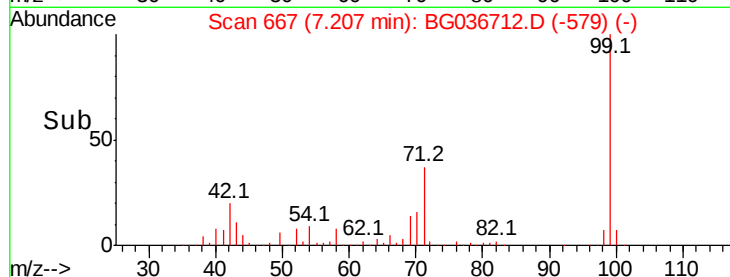
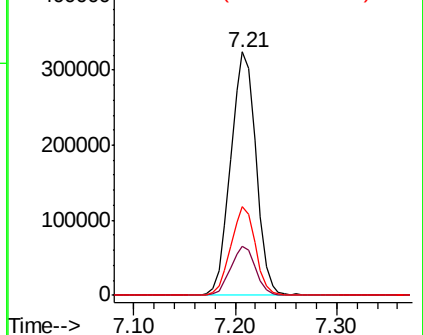
99 100

42 20.4 16.5 24.7

71 36.5 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. -0.01 min

Lab File: BG036712.D

Acq: 14 Sep 2018 19:21

Tgt Ion: 136 Resp: 217679

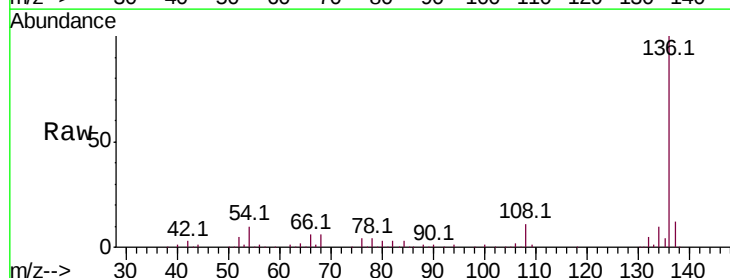
Ion Ratio Lower Upper

136 100

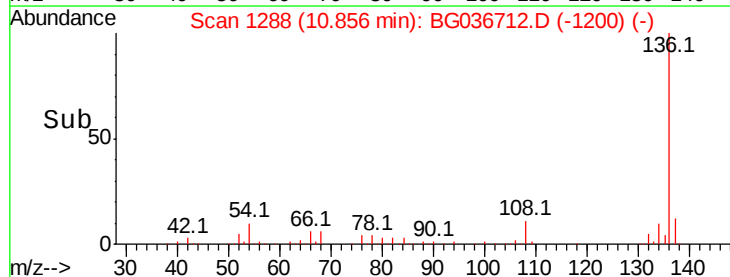
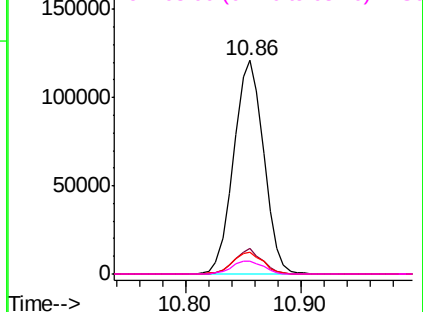
137 11.8 8.8 13.2

54 10.2 9.2 13.8

68 6.2 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

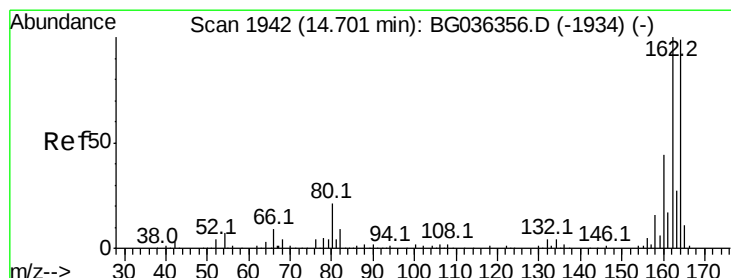
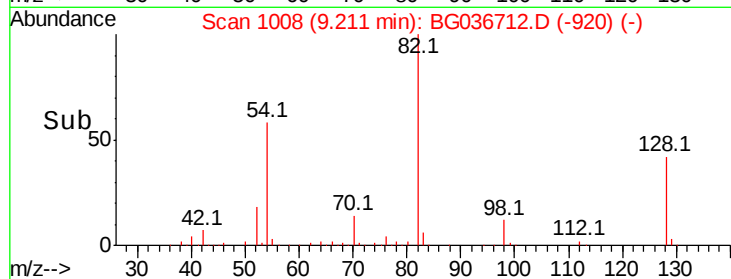
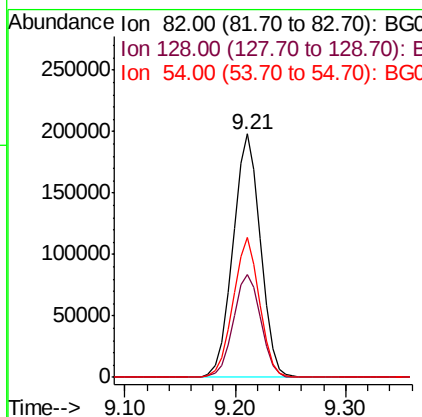
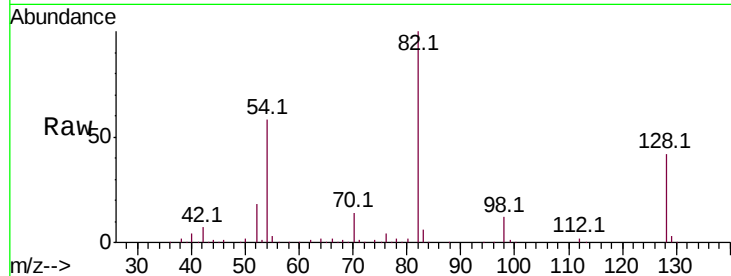




#23
 Nitrobenzene-d5
 Concen: 86.114 ng
 RT: 9.21 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BG036712.D
 Acq: 14 Sep 2018 19:21

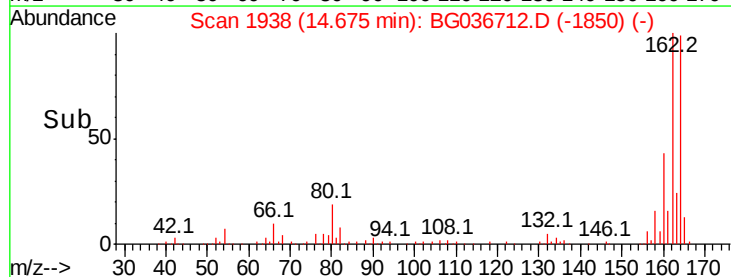
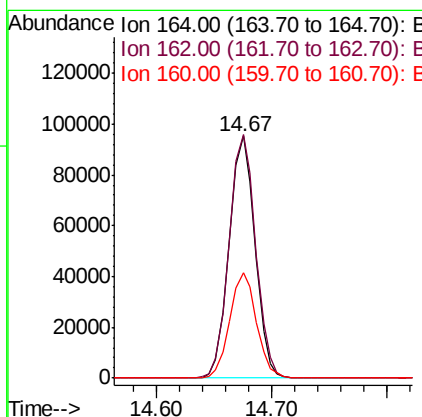
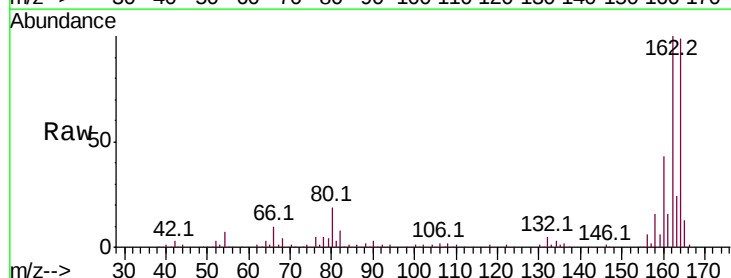
Instrument :
 BNA_G
 ClientSampleId :
 PB112835BL

Tot Ion	82	Resp	345492
Ion	Ratio	Lower	Upper
82	100		
128	42.4	33.3	49.9
54	57.7	45.1	67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.01 min
 Lab File: BG036712.D
 Acq: 14 Sep 2018 19:21

Tgt Ion	164	Resp	148495
Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.7	121.1
160	43.7	35.3	52.9

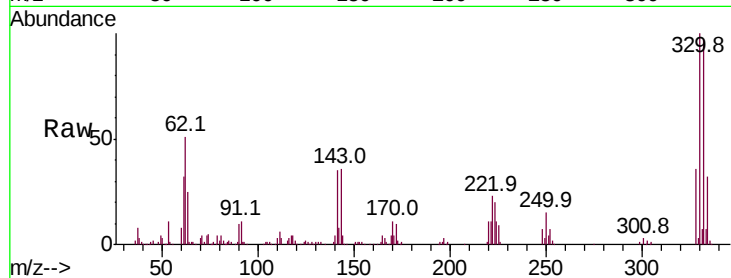




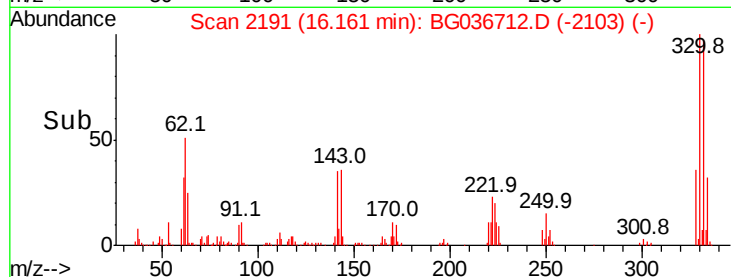
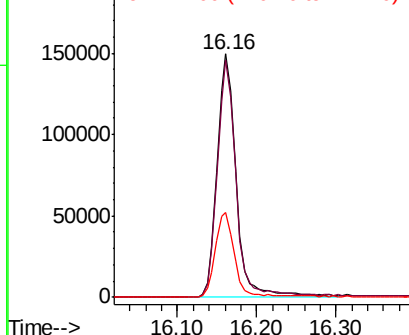
#41
 2,4,6-Tribromophenol
 Concen: 141.553 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036712.D
 Acq: 14 Sep 2018 19:21

Instrument :
 BNA_G
 ClientSampleId :
 PB112835BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	75.4	113.2
141	34.7	30.7	46.1

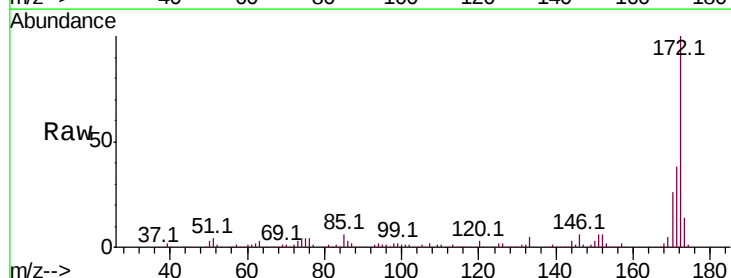


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

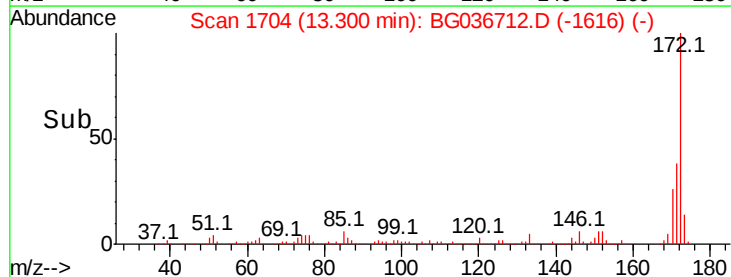
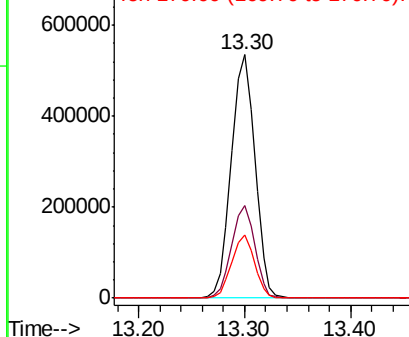


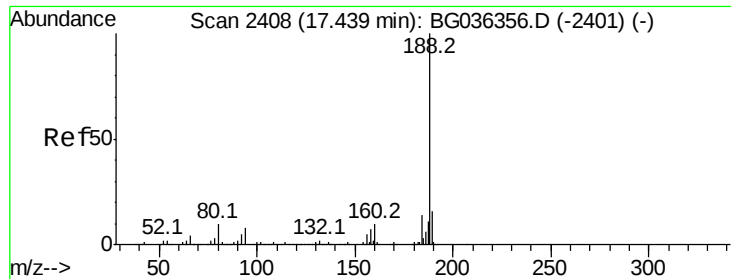
#44
 2-Fluorobiphenyl
 Concen: 79.634 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036712.D
 Acq: 14 Sep 2018 19:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.3	46.9
170	25.7	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. -0.01 min

Lab File: BG036712.D

Acq: 14 Sep 2018 19:21

Instrument :

BNA_G

ClientSampleId :

PB112835BL

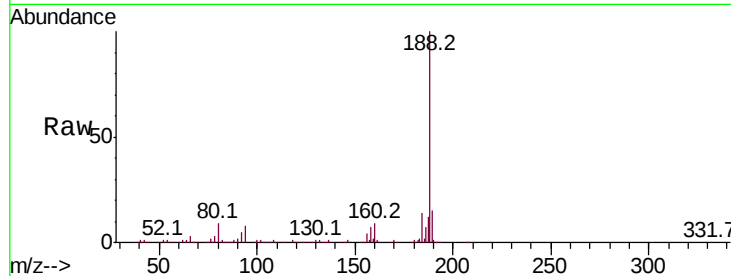
Tot Ion:188 Resp: 406147

Ion Ratio Lower Upper

188 100

94 7.8 6.7 10.1

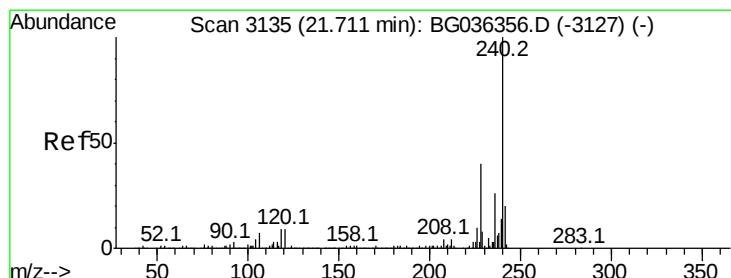
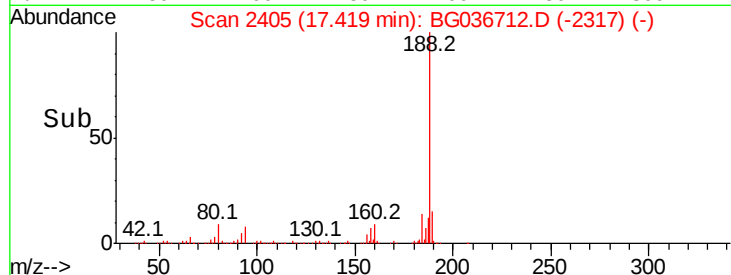
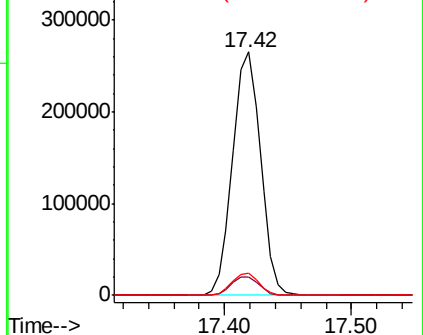
80 9.3 8.1 12.1



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: BG036712.D

Acq: 14 Sep 2018 19:21

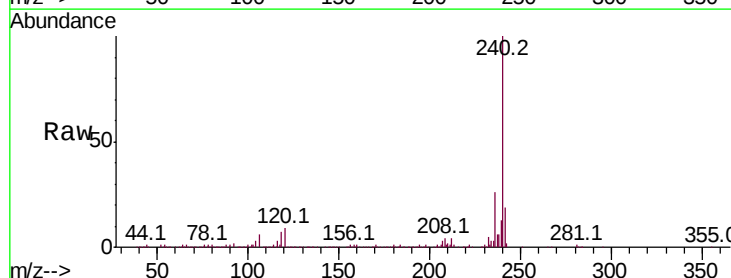
Tgt Ion:240 Resp: 428634

Ion Ratio Lower Upper

240 100

120 8.6 6.9 10.3

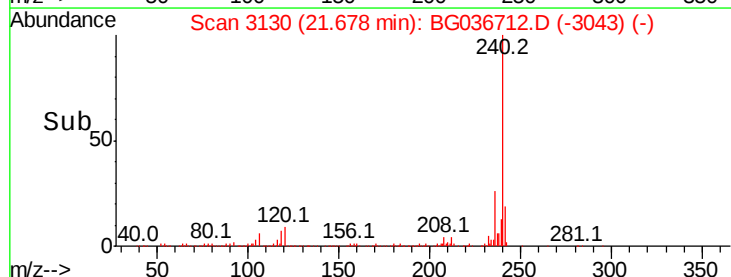
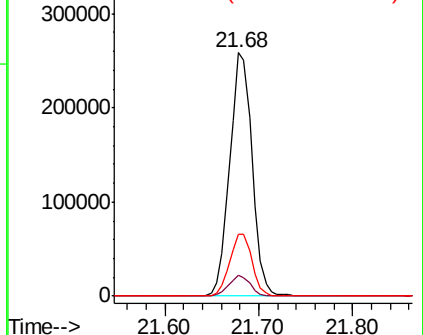
236 25.5 21.2 31.8

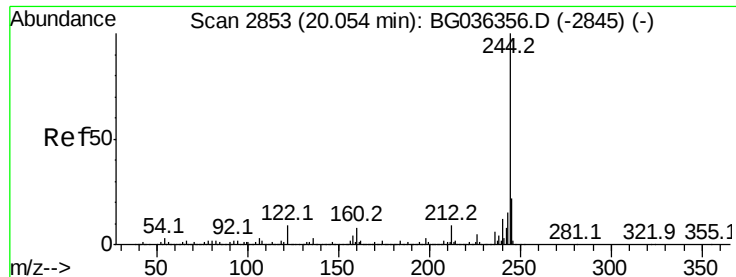


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 84.065 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG036712.D

Acq: 14 Sep 2018 19:21

Instrument :

BNA_G

ClientSampled :

PB112835BL

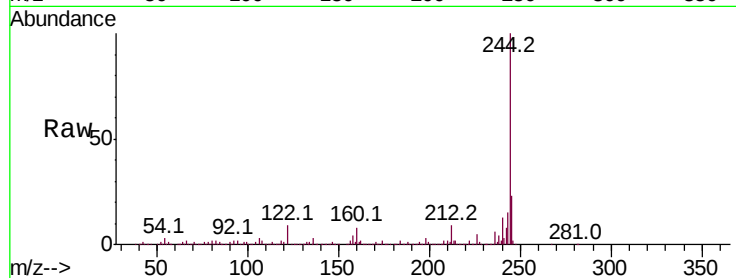
Tot Ion:244 Resp: 1541622

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.6

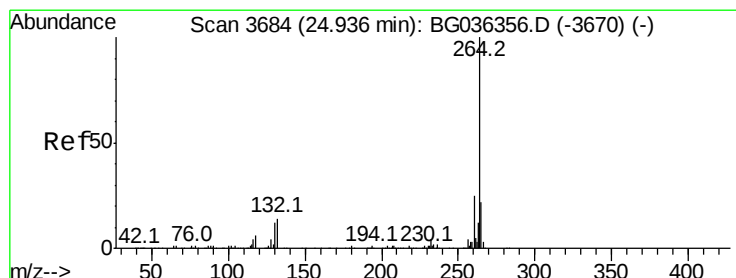
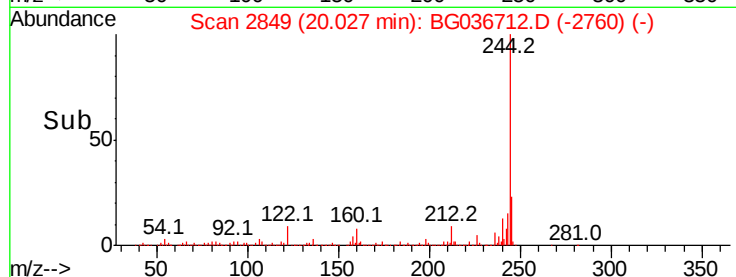
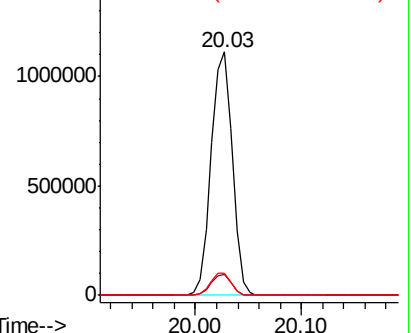
122 8.9 7.1 10.7



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: BG036712.D

Acq: 14 Sep 2018 19:21

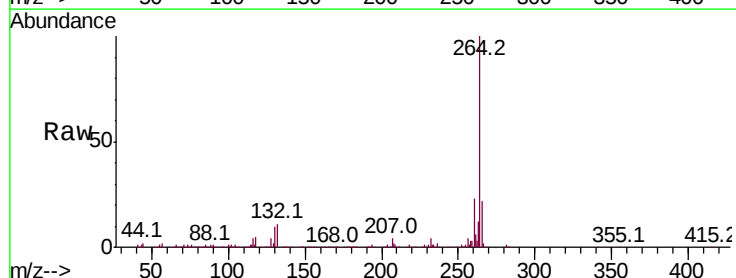
Tgt Ion:264 Resp: 425618

Ion Ratio Lower Upper

264 100

260 23.4 19.6 29.4

265 22.4 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

