

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091118\
 Data File : BG036672.D
 Acq On : 12 Sep 2018 1:19
 Operator : JU/SJ
 Sample : PB112760BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB112760BL

Quant Time: Sep 12 04:36:36 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	58051	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	240300	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	160560	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	414695	20.00	ng	0.00
75) Chrysene-d12	21.68	240	440436	20.00	ng	0.00
86) Perylene-d12	24.89	264	375233	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	349907	95.62	ng	0.00
7) Phenol-d6	7.21	99	494100	94.30	ng	0.00
23) Nitrobenzene-d5	9.21	82	434150	98.03	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	185287	96.71	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	1040112	92.49	ng	0.00
78) Terphenyl-d14	20.03	244	1814594	96.30	ng	0.00

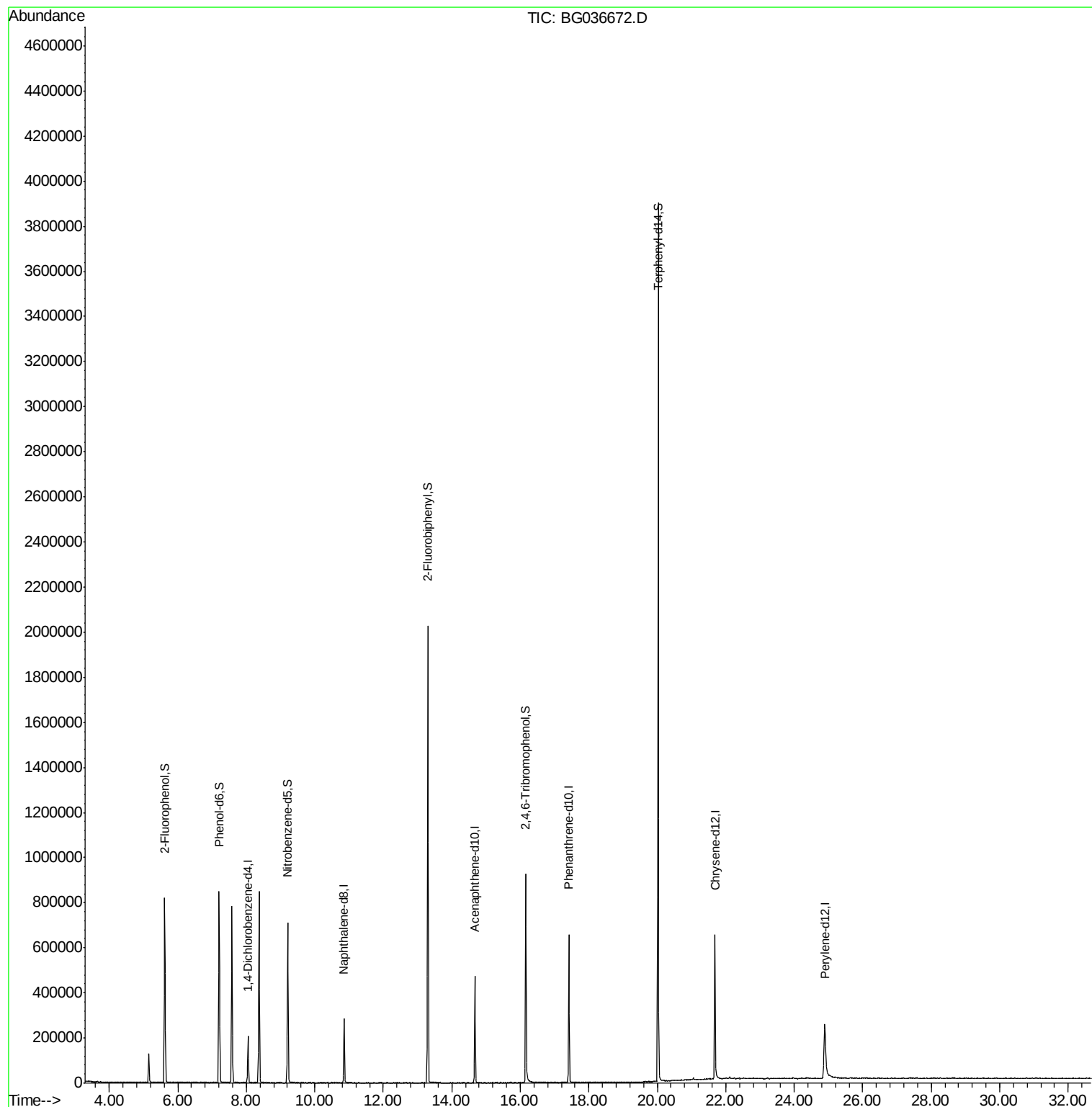
Target Compounds Qvalue

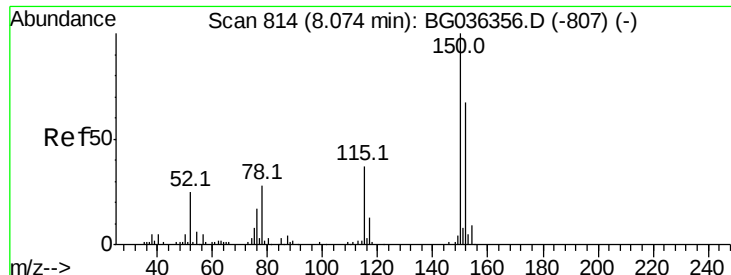
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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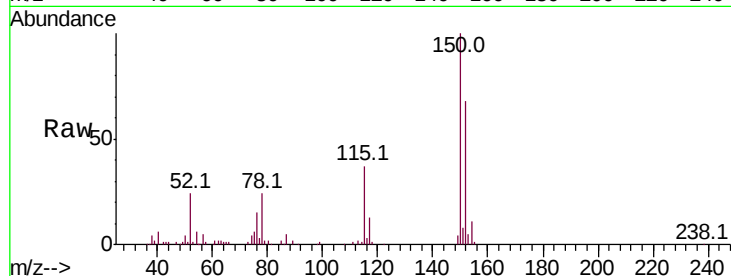


#1

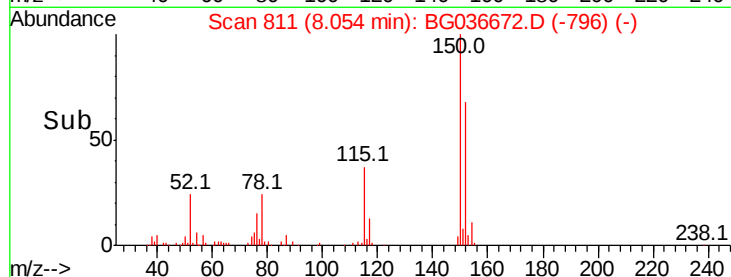
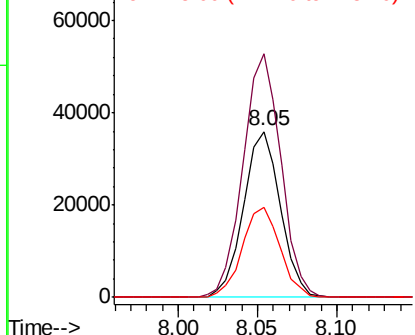
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036672.D
Acq: 12 Sep 2018 1:19

Instrument :
BNA_G
ClientSampleId :
PB112760BL

Tot Ion:152 Resp: 58051
Ion Ratio Lower Upper
152 100
150 146.9 119.5 179.3
115 54.0 44.5 66.7



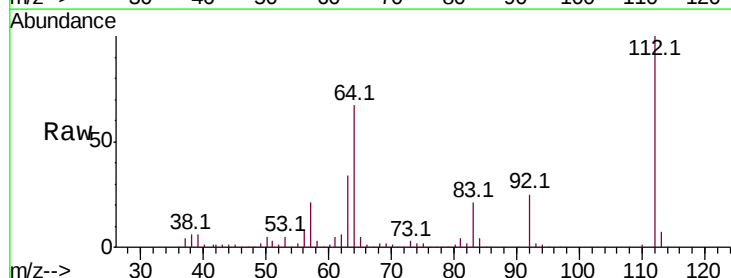
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



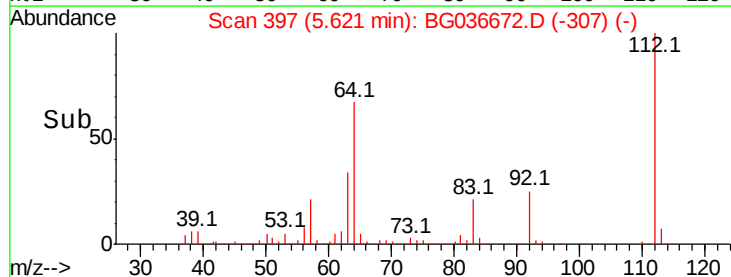
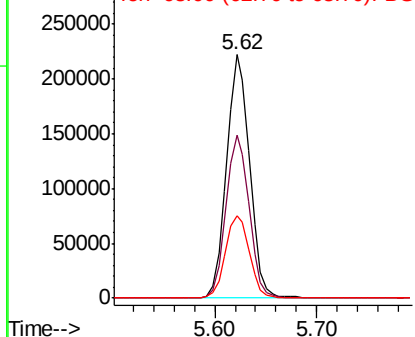
#5

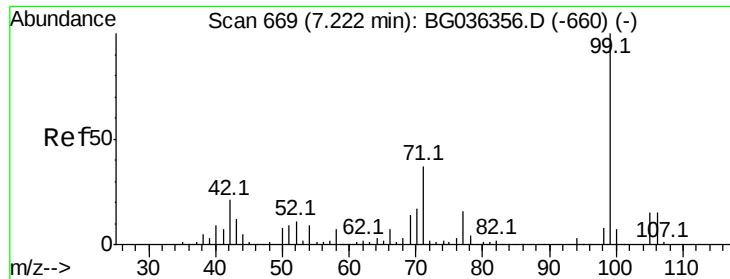
2-Fluorophenol
Concen: 95.615 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036672.D
Acq: 12 Sep 2018 1:19

Tgt Ion:112 Resp: 349907
Ion Ratio Lower Upper
112 100
64 66.8 57.2 85.8
63 33.7 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: 94.302 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036672.D

Acq: 12 Sep 2018 1:19

Instrument :

BNA_G

ClientSampleId :

PB112760BL

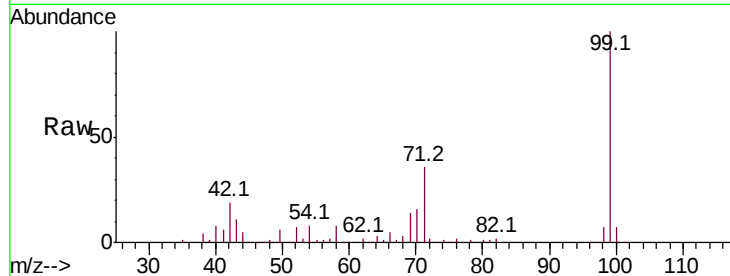
Tot Ion: 99 Resp: 494100

Ion Ratio Lower Upper

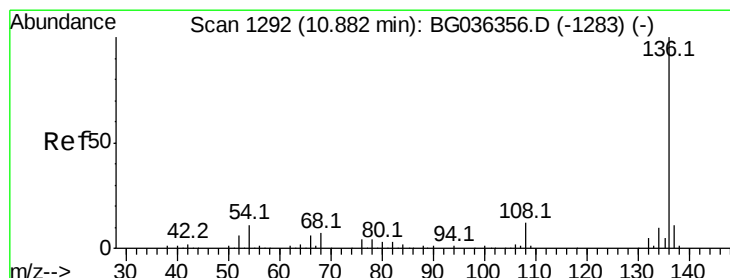
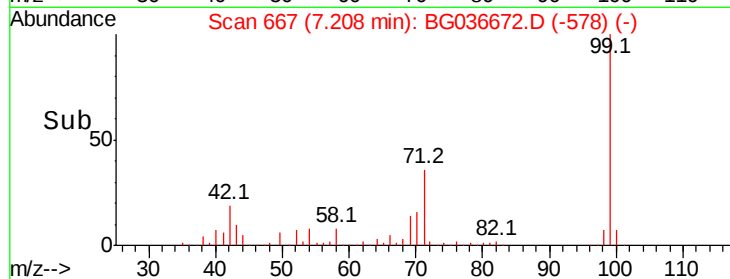
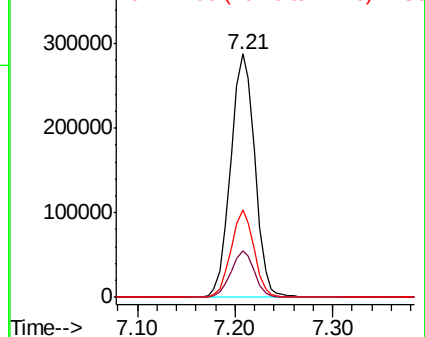
99 100

42 19.1 16.5 24.7

71 36.1 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: 10.86 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BG036672.D

Acq: 12 Sep 2018 1:19

Tgt Ion: 136 Resp: 240300

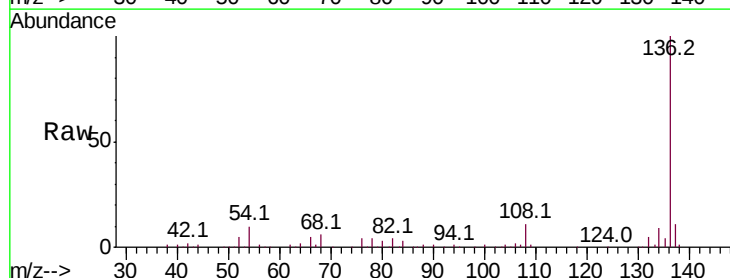
Ion Ratio Lower Upper

136 100

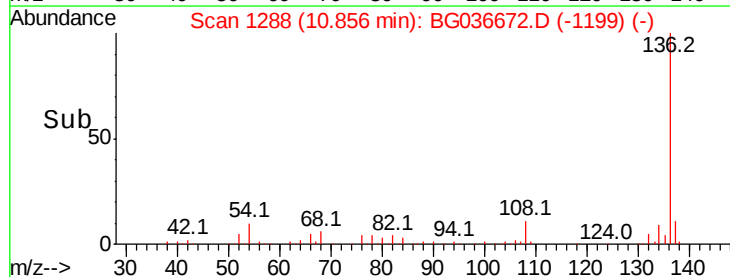
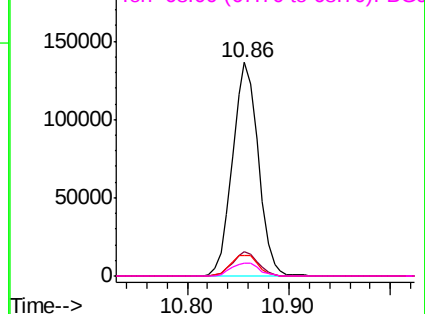
137 11.1 8.8 13.2

54 9.9 9.2 13.8

68 6.1 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

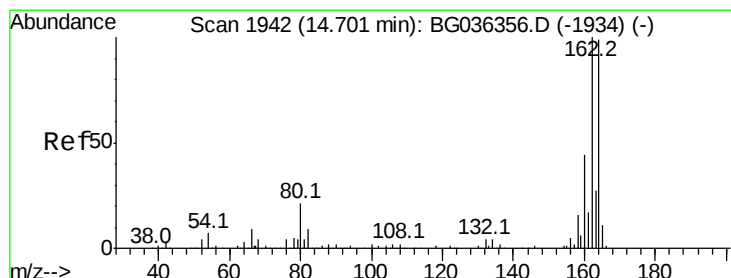
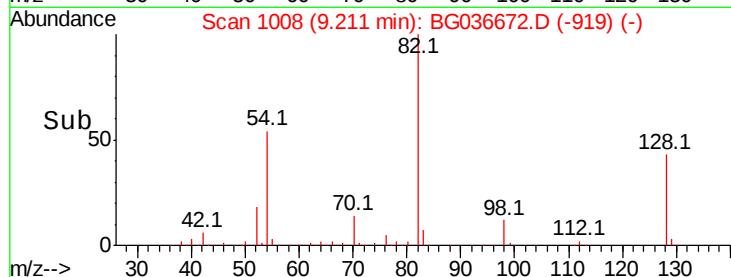
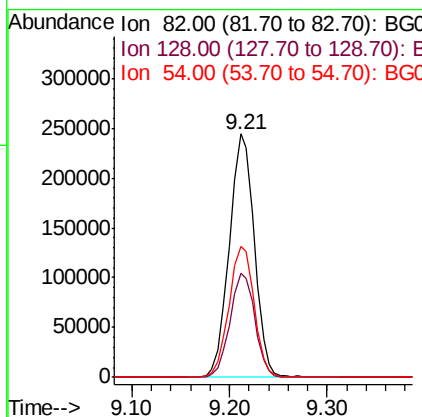
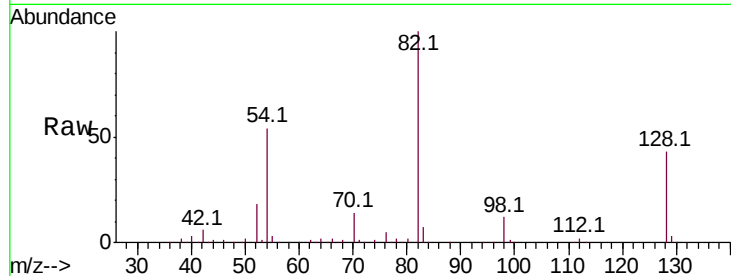




#23
Nitrobenzene-d5
Concen: 98.026 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036672.D
Acq: 12 Sep 2018 1:19

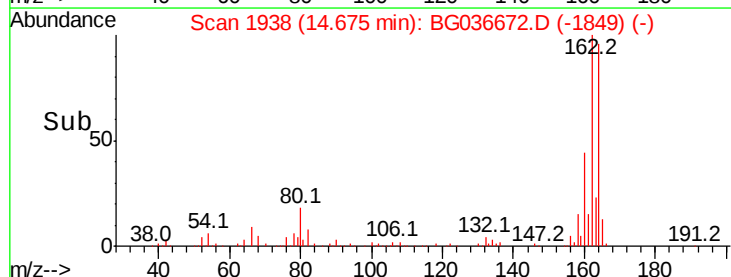
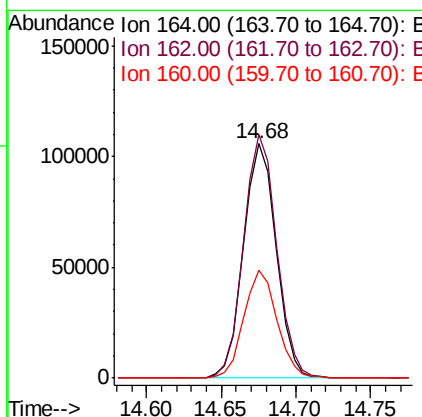
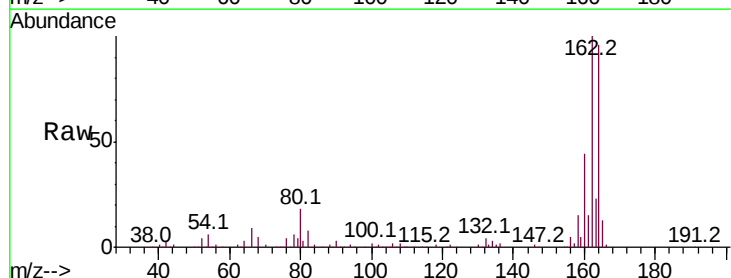
Instrument :
BNA_G
ClientSampleId :
PB112760BL

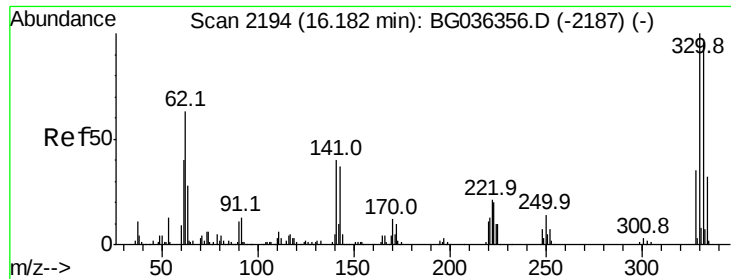
Tot Ion: 82 Resp: 434150
Ion Ratio Lower Upper
82 100
128 42.8 33.3 49.9
54 53.8 45.1 67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG036672.D
Acq: 12 Sep 2018 1:19

Tgt Ion:164 Resp: 160560
Ion Ratio Lower Upper
164 100
162 103.9 80.7 121.1
160 46.0 35.3 52.9

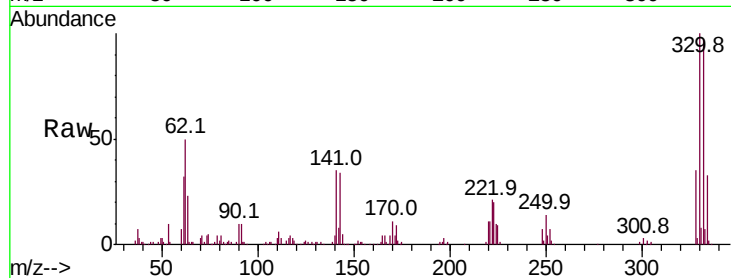




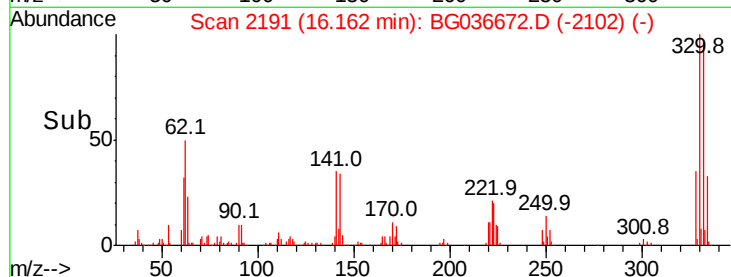
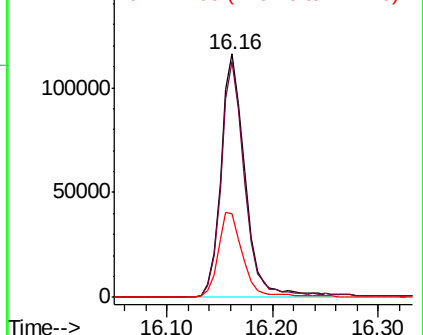
#41
 2,4,6-Tribromophenol
 Concen: 96.713 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036672.D
 Acq: 12 Sep 2018 1:19

Instrument :
 BNA_G
 ClientSampleId :
 PB112760BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	75.4	113.2
141	35.5	30.7	46.1

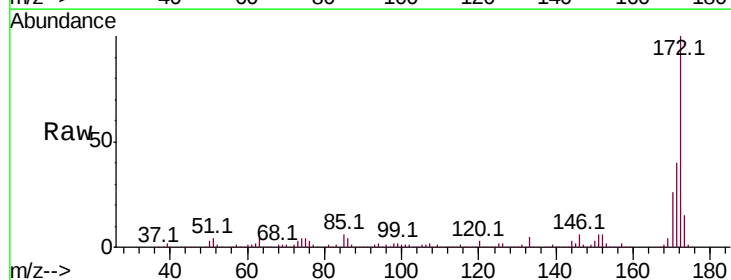


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

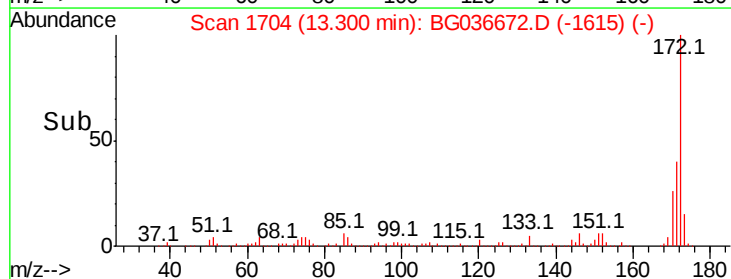
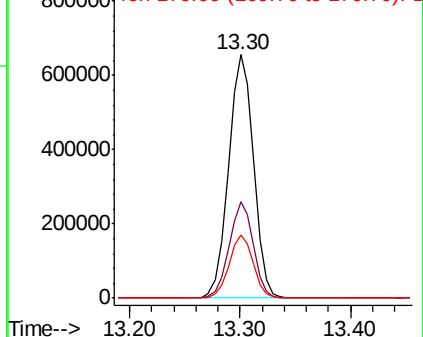


#44
 2-Fluorobiphenyl
 Concen: 92.494 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036672.D
 Acq: 12 Sep 2018 1:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.6	31.3	46.9
170	25.9	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

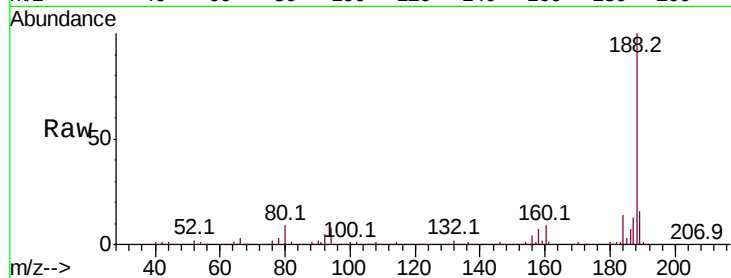




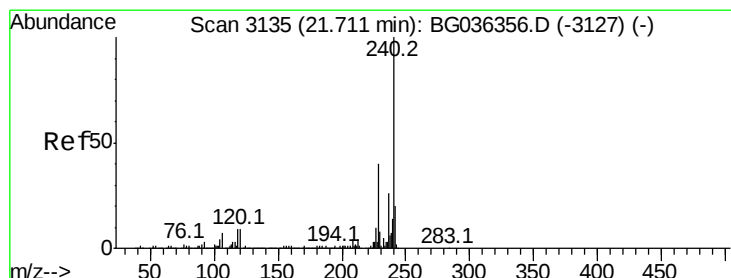
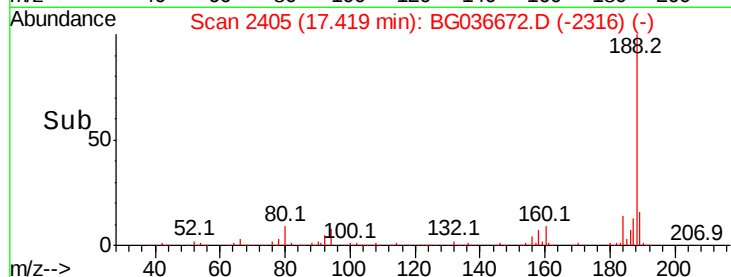
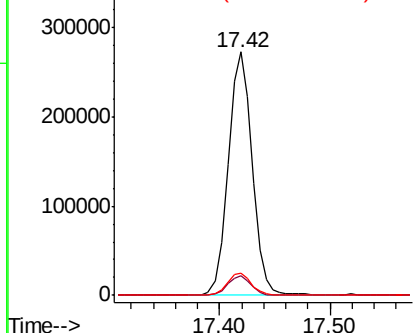
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.01 min
 Lab File: BG036672.D
 Acq: 12 Sep 2018 1:19

Instrument :
 BNA_G
 ClientSampleId :
 PB112760BL

Tot Ion:188 Resp: 414695
 Ion Ratio Lower Upper
 188 100
 94 7.8 6.7 10.1
 80 9.3 8.1 12.1

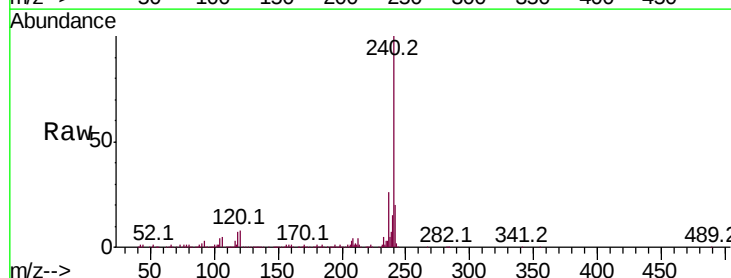


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG

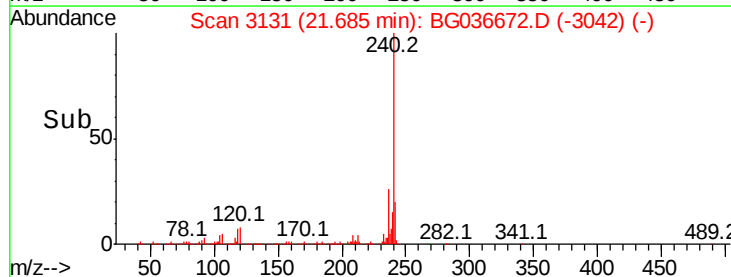
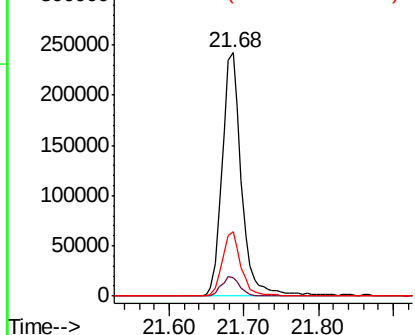


#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3131
 Delta R.T. -0.01 min
 Lab File: BG036672.D
 Acq: 12 Sep 2018 1:19

Tgt Ion:240 Resp: 440436
 Ion Ratio Lower Upper
 240 100
 120 7.6 6.9 10.3
 236 26.4 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



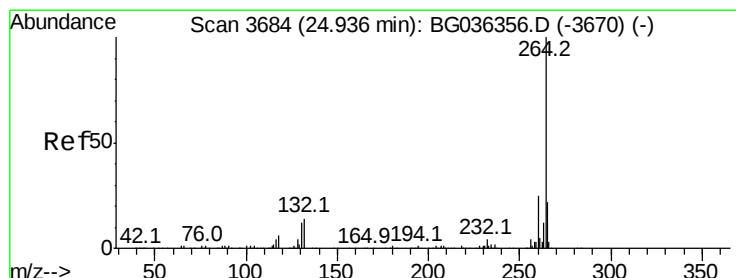
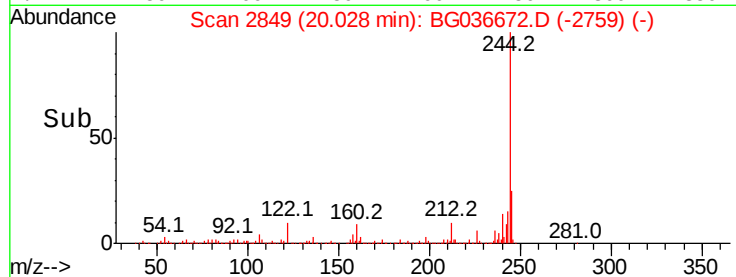
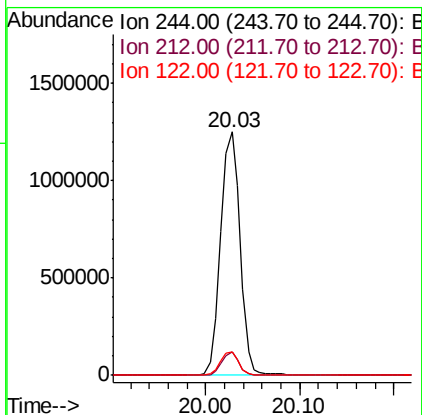
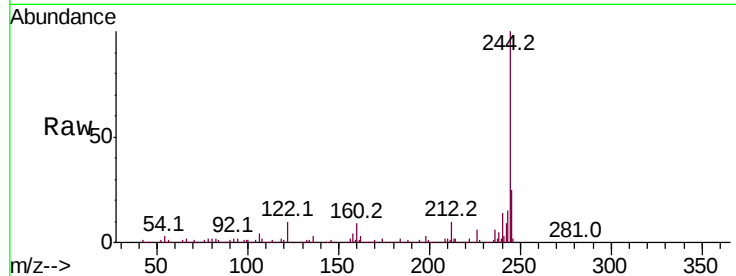


#78
 Terphenyl-d14
 Concen: 96.298 ng
 RT: 20.03 min Scan# 2849
 Delta R.T. -0.00 min
 Lab File: BG036672.D
 Acq: 12 Sep 2018 1:19

Instrument :
 BNA_G
 ClientSampleId :
 PB112760BL

Tot Ion:244 Resp: 1814594

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.0	10.6
122	9.6	7.1	10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3677
 Delta R.T. -0.01 min
 Lab File: BG036672.D
 Acq: 12 Sep 2018 1:19

Tgt Ion:264 Resp: 375233

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.6	29.4
265	21.6	17.4	26.0

