

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091018\
 Data File : BG036650.D
 Acq On : 11 Sep 2018 7:21
 Operator : JU/SJ
 Sample : J4821-07
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ENY-WC-S-01-0-62

Quant Time: Sep 11 08:31:20 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	53886	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	231549	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	155396	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	391032	20.00	ng	0.00
75) Chrysene-d12	21.69	240	396473	20.00	ng	0.00
86) Perylene-d12	24.90	264	306917	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	347942	102.43	ng	0.00
7) Phenol-d6	7.21	99	434982	89.44	ng	0.00
23) Nitrobenzene-d5	9.21	82	351194	82.29	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	177305	95.62	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	816279	75.00	ng	0.00
78) Terphenyl-d14	20.03	244	1421587	83.81	ng	0.00

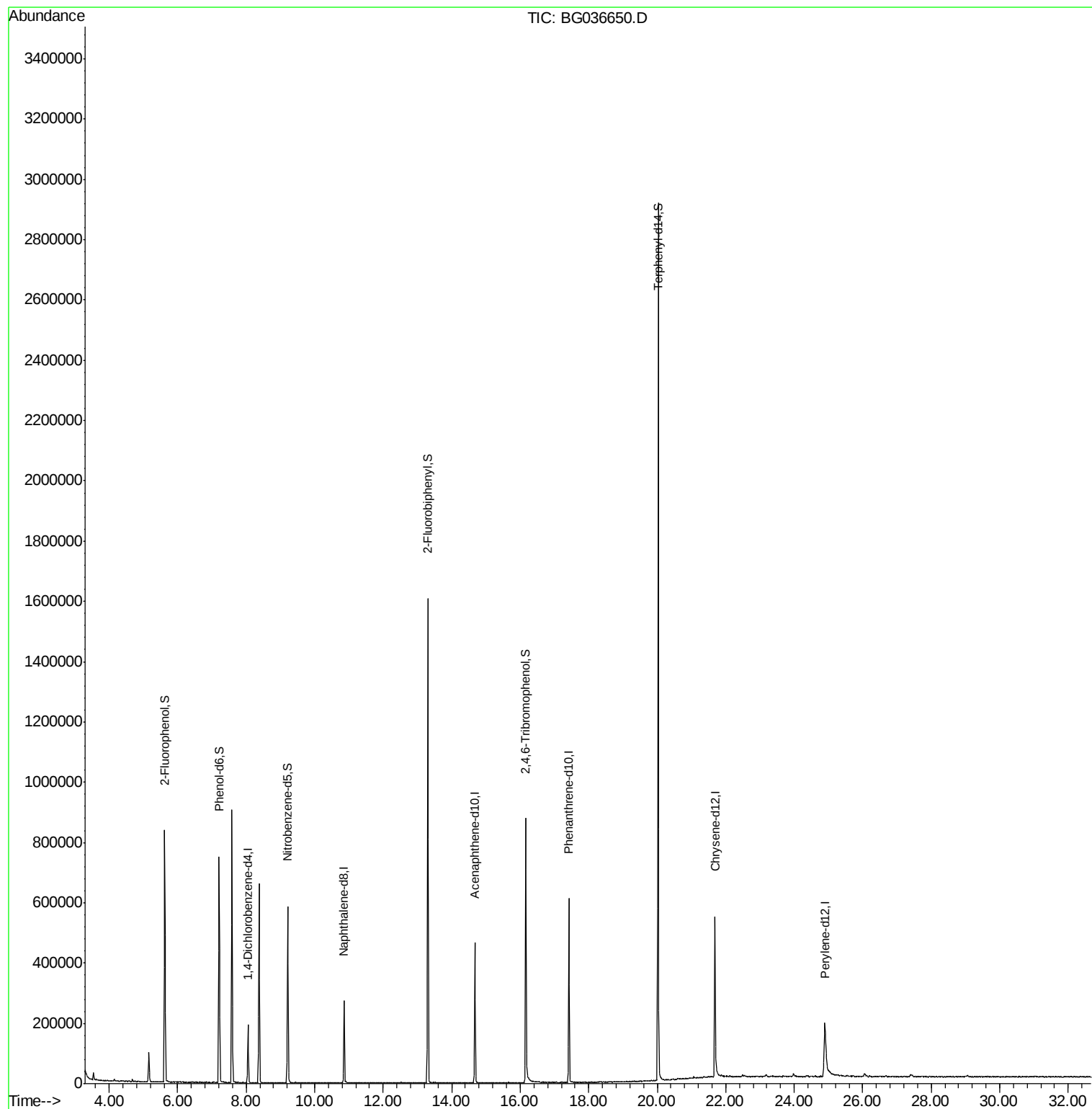
Target Compounds Qvalue

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

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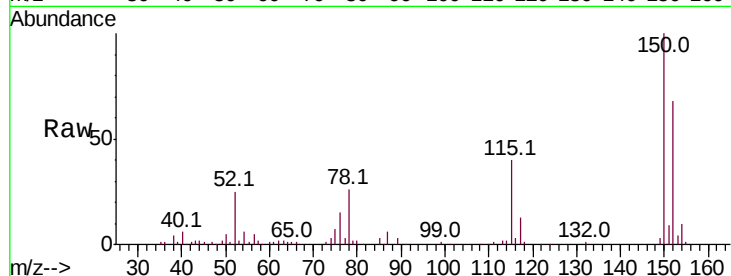


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036650.D
Acq: 11 Sep 2018 7:21

Instrument :
BNA_G
ClientSampleId :
ENY-WC-S-01-0-62

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.6	119.5	179.3
115	58.9	44.5	66.7

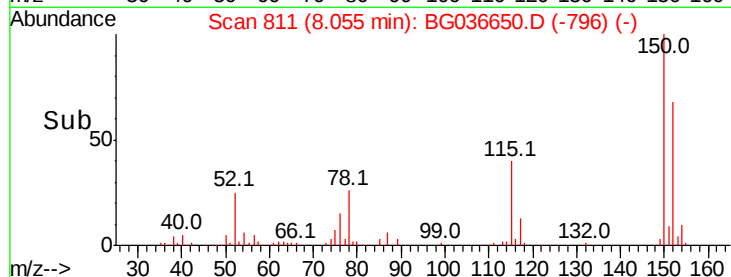
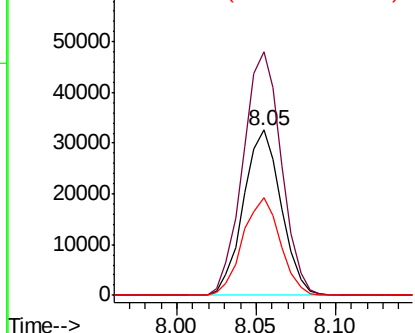


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

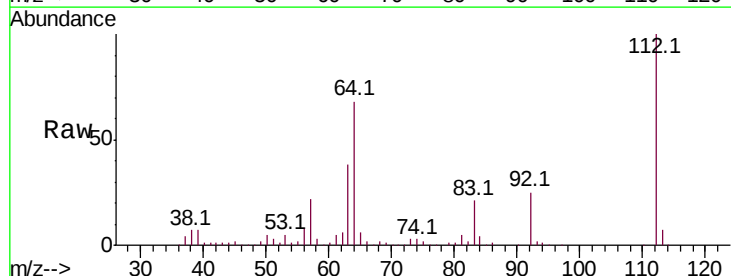
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 102.427 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036650.D
Acq: 11 Sep 2018 7:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.2	57.2	85.8
63	37.7	30.8	46.2

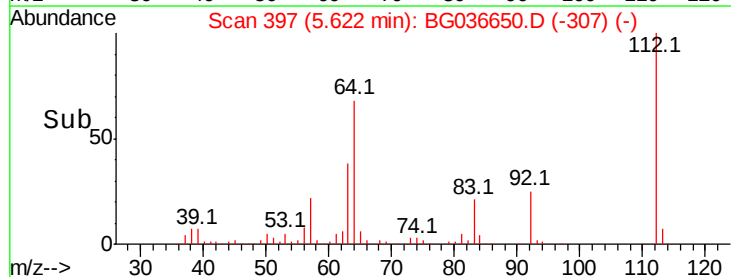
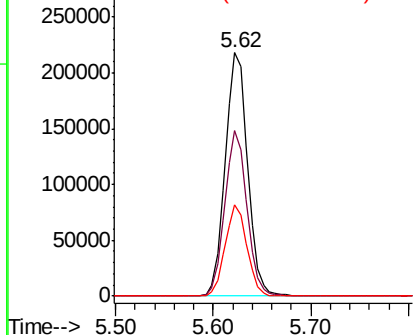


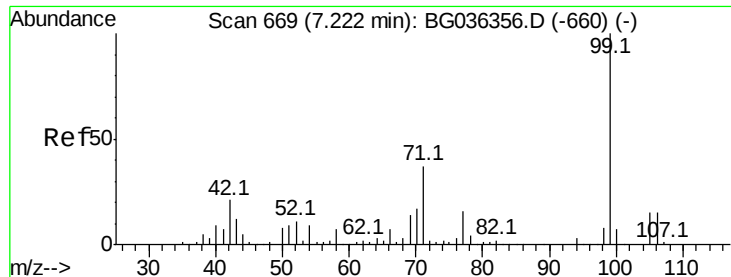
Abundance

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: 89.436 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036650.D

Acq: 11 Sep 2018 7:21

Instrument :

BNA_G

ClientSampleId :

ENY-WC-S-01-0-62

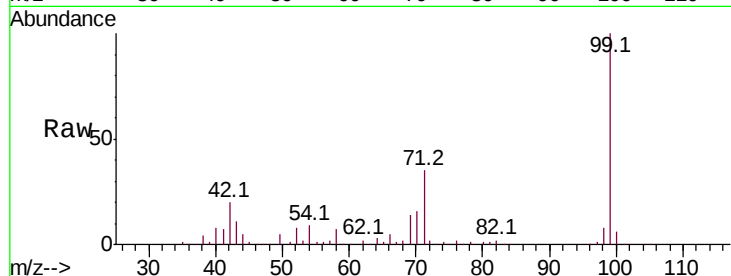
Tot Ion: 99 Resp: 434982

Ion Ratio Lower Upper

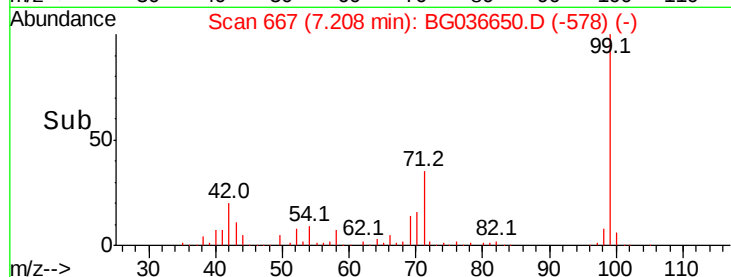
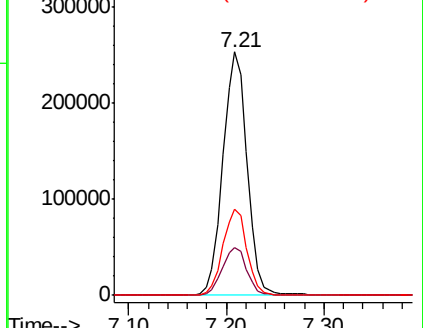
99 100

42 19.8 16.5 24.7

71 35.3 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: BG036650.D

Acq: 11 Sep 2018 7:21

Tgt Ion: 136 Resp: 231549

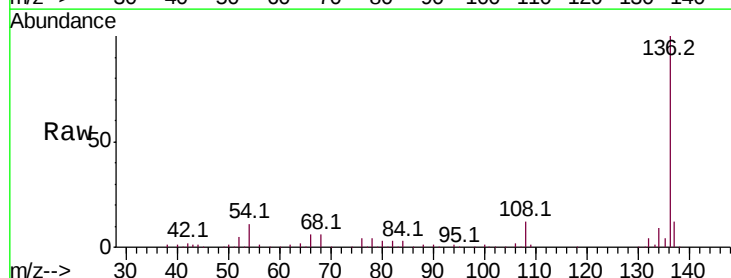
Ion Ratio Lower Upper

136 100

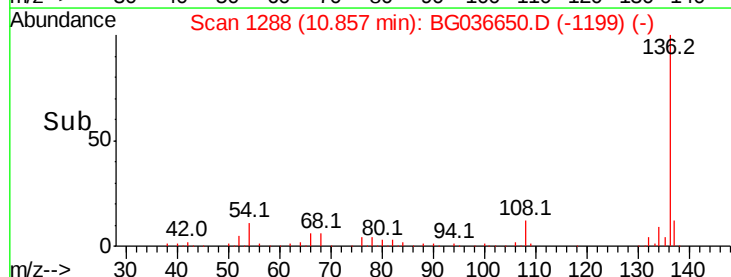
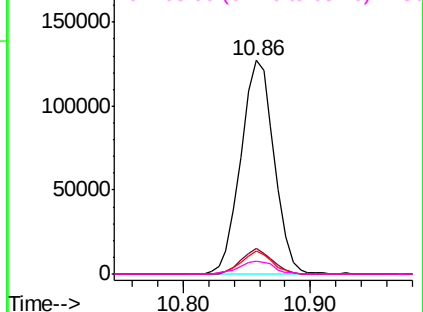
137 12.1 8.8 13.2

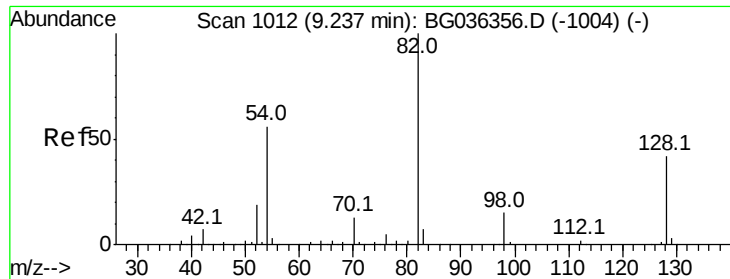
54 10.8 9.2 13.8

68 5.8 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

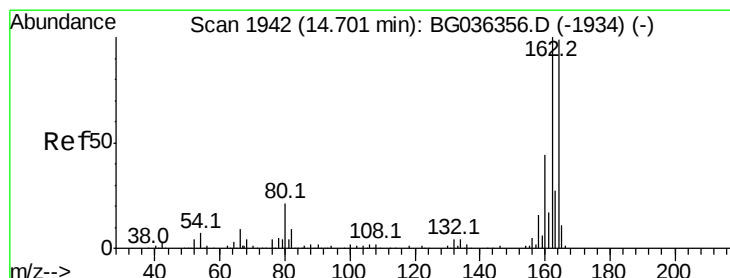
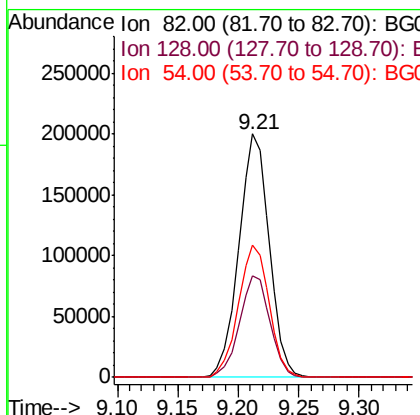
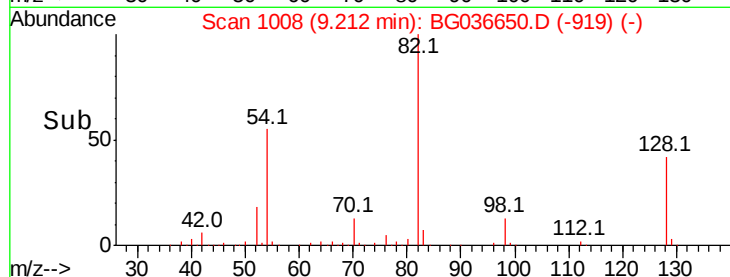
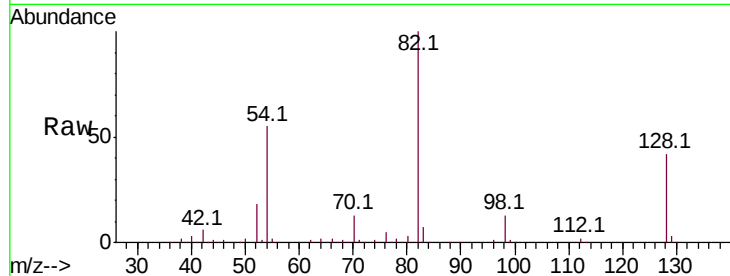




#23
 Nitrobenzene-d5
 Concen: 82.292 ng
 RT: 9.21 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BG036650.D
 Acq: 11 Sep 2018 7:21

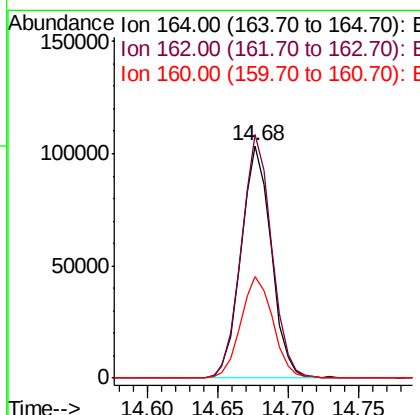
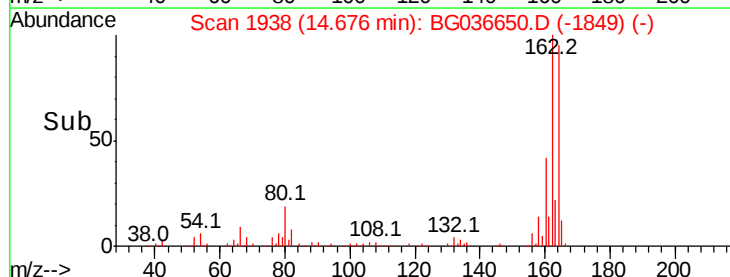
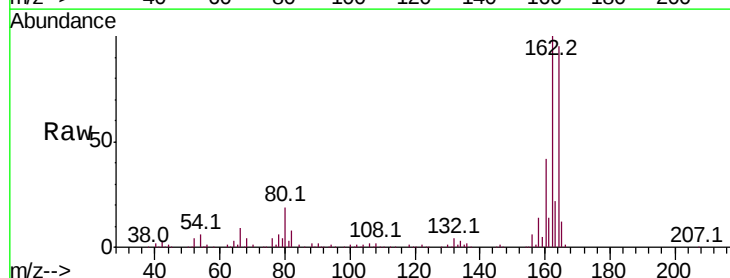
Instrument :
 BNA_G
 ClientSampleId :
 ENY-WC-S-01-0-62

Tot Ion: 82 Resp: 351194
 Ion Ratio Lower Upper
 82 100
 128 41.6 33.3 49.9
 54 54.6 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: BG036650.D
 Acq: 11 Sep 2018 7:21

Tgt Ion:164 Resp: 155396
 Ion Ratio Lower Upper
 164 100
 162 104.8 80.7 121.1
 160 43.8 35.3 52.9

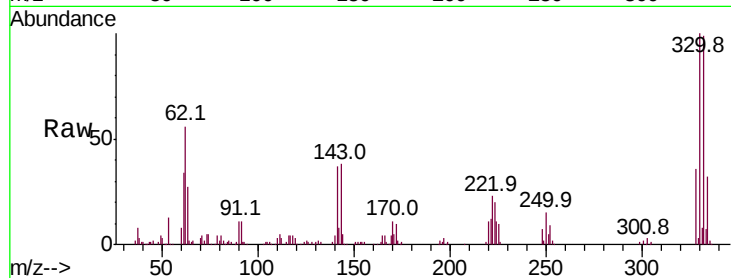




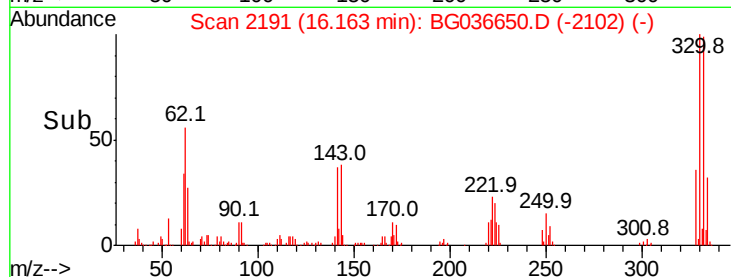
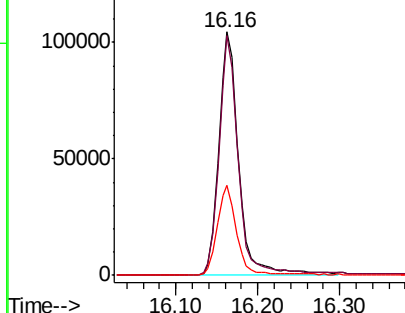
#41
 2,4,6-Tribromophenol
 Concen: 95.622 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036650.D
 Acq: 11 Sep 2018 7:21

Instrument :
 BNA_G
 ClientSampleId :
 ENY-WC-S-01-0-62

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	75.4	113.2
141	36.4	30.7	46.1

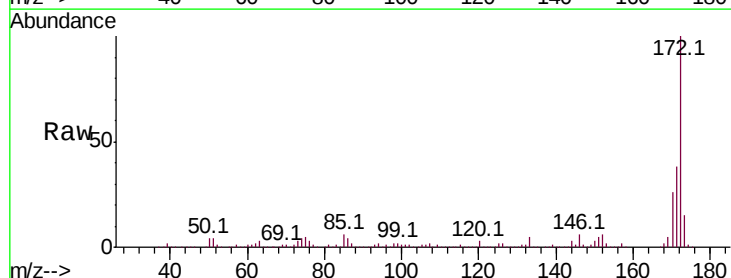


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

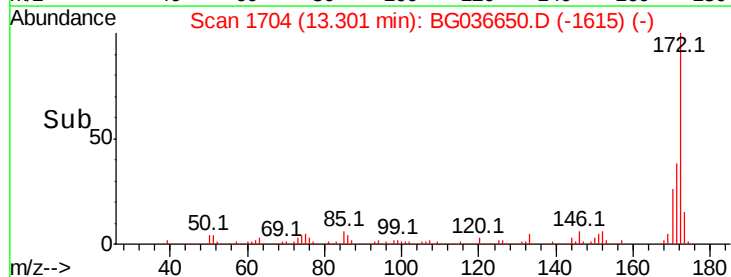
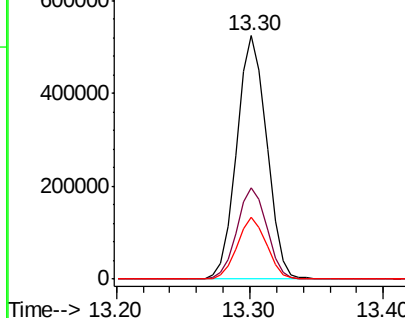


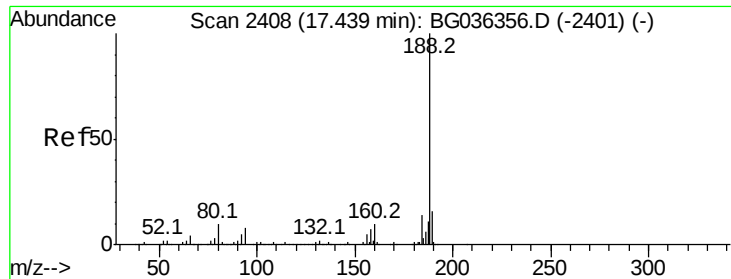
#44
 2-Fluorobiphenyl
 Concen: 75.002 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036650.D
 Acq: 11 Sep 2018 7:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	31.3	46.9
170	25.6	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

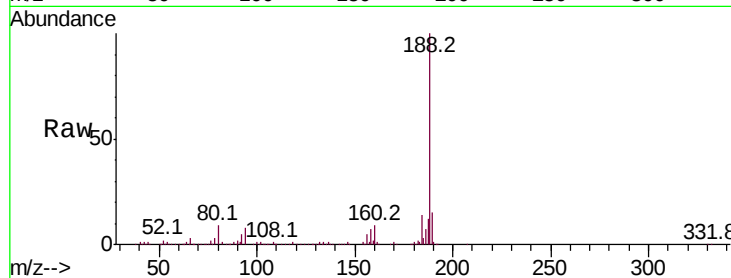




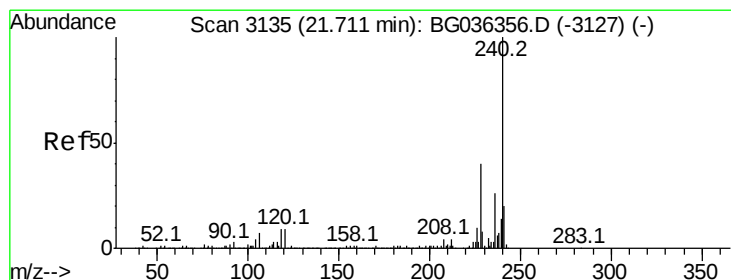
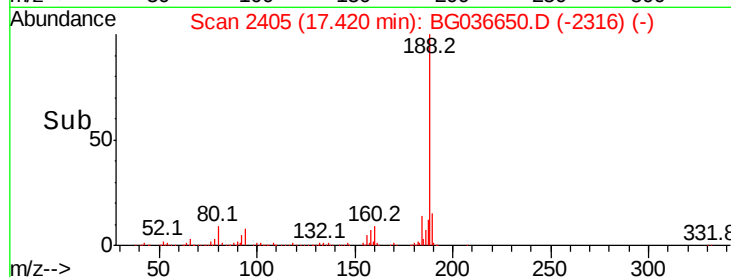
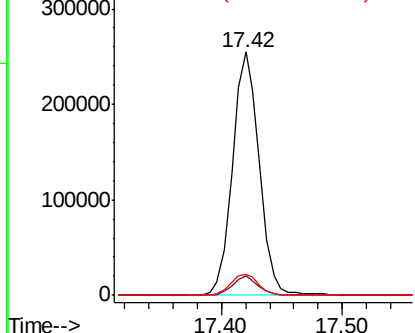
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036650.D
Acq: 11 Sep 2018 7:21

Instrument :
BNA_G
ClientSampleId :
ENY-WC-S-01-0-62

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

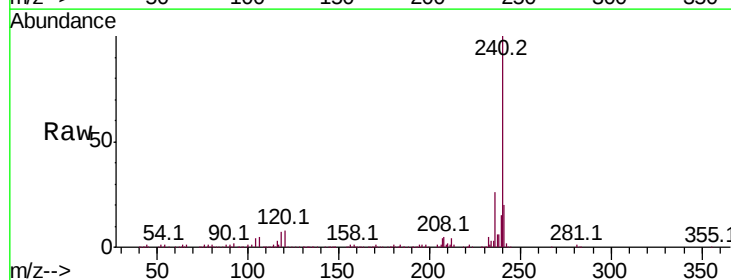


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

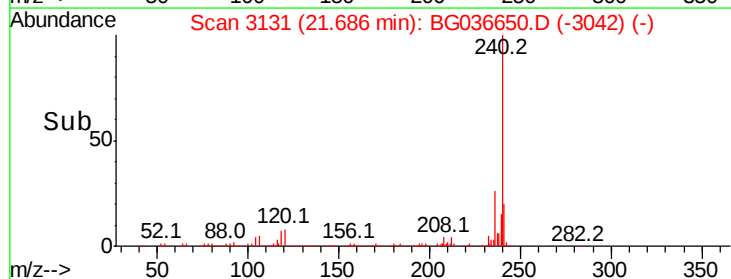
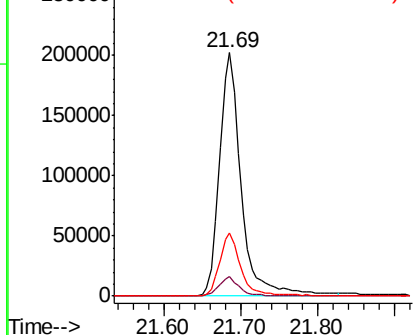


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036650.D
Acq: 11 Sep 2018 7:21

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.9	6.9	10.3
236	26.0	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



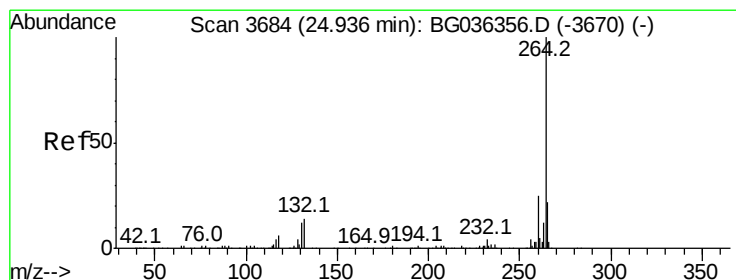
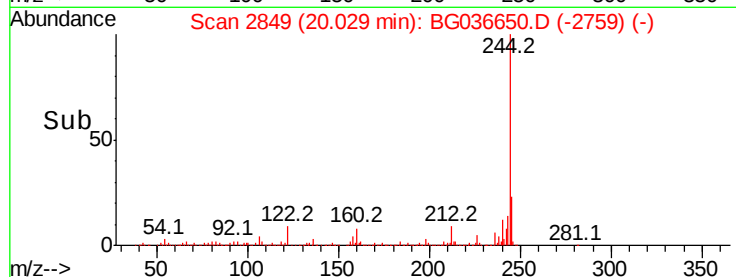
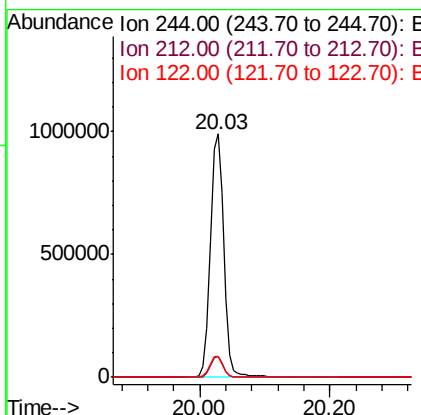
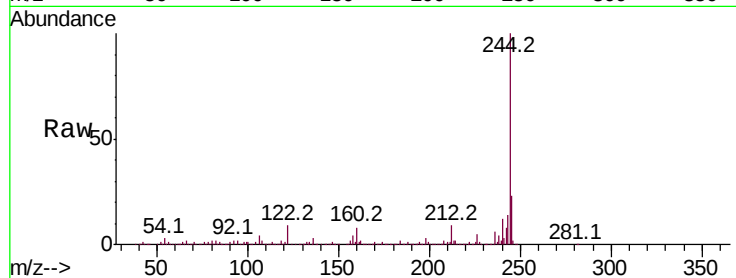


#78
 Terphenyl-d14
 Concen: 83.807 ng
 RT: 20.03 min Scan# 2849
 Delta R.T. -0.00 min
 Lab File: BG036650.D
 Acq: 11 Sep 2018 7:21

Instrument :
 BNA_G
 ClientSampleId :
 ENY-WC-S-01-0-62

Tot Ion:244 Resp: 1421587

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.0	10.6
122	8.6	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: BG036650.D
 Acq: 11 Sep 2018 7:21

Tgt Ion:264 Resp: 306917

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.6	29.4
265	21.8	17.4	26.0

