

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
 Data File : BG036722.D
 Acq On : 15 Sep 2018 1:53
 Operator : JU/SJ
 Sample : J4892-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-01-091218

Quant Time: Sep 15 03:47:54 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

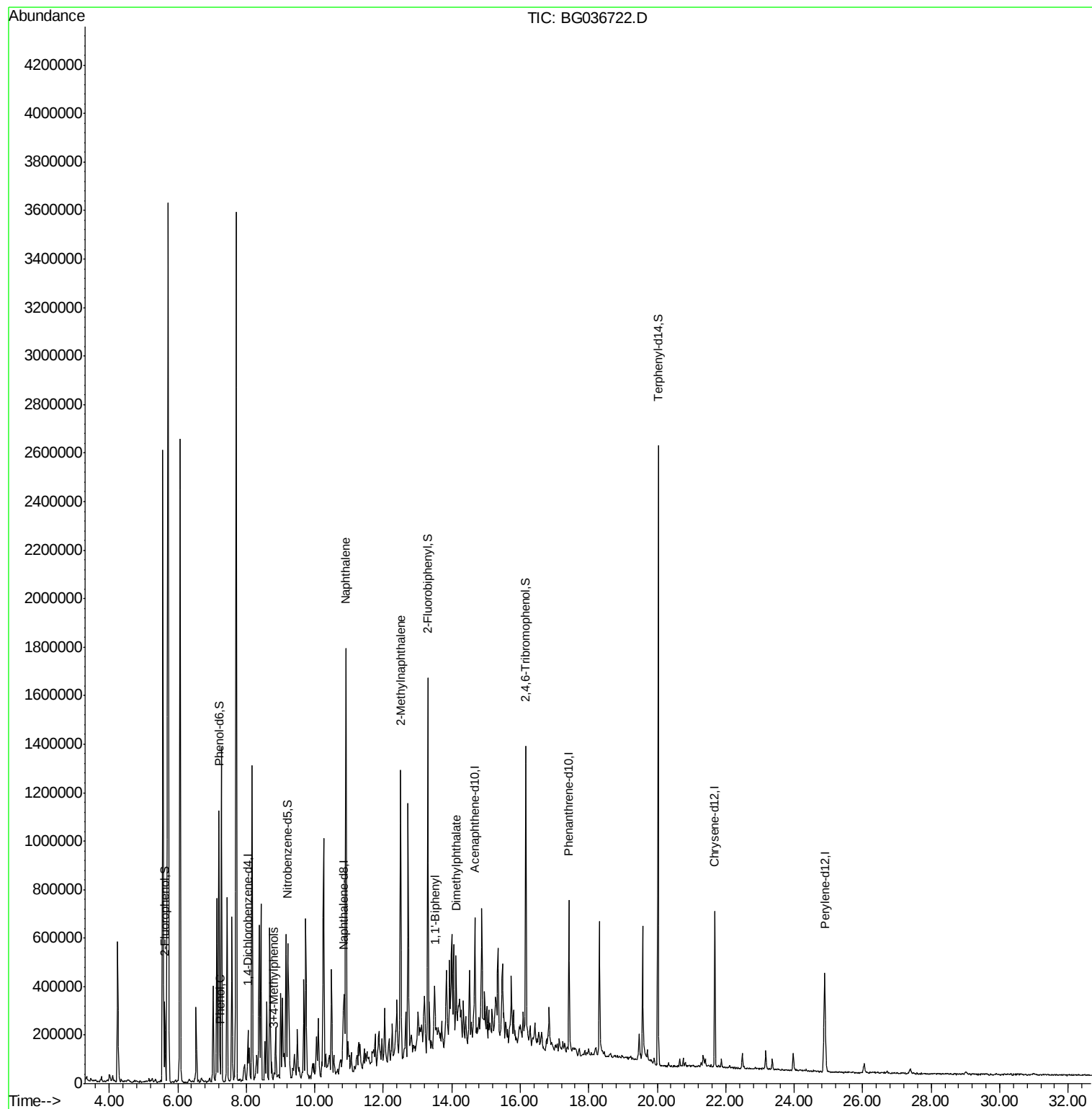
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	56782	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	230655	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	152007	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	360951	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	401802	20.00	ng	-0.02
86) Perylene-d12	24.89	264	419309	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	139136	38.87	ng	0.00
7) Phenol-d6	7.21	99	121539	23.71	ng	-0.01
23) Nitrobenzene-d5	9.21	82	333483	78.44	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	236190	130.22	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	762351	71.61	ng	-0.01
78) Terphenyl-d14	20.03	244	1243418	72.33	ng	0.00
Target Compounds						
10) Phenol	7.24	94	14770	2.754	ng	96
20) 3+4-Methylphenols	8.81	107	11428	2.298	ng	83
31) Naphthalene	10.91	128	1328790	115.244	ng	97
37) 2-Methylnaphthalene	12.51	142	573658	67.996	ng	98
45) 1,1'-Biphenyl	13.51	154	69083	5.475	ng	97
49) Dimethylphthalate	14.12	163	181369	14.612	ng	97

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
Data File : BG036722.D
Acq On : 15 Sep 2018 1:53
Operator : JU/SJ
Sample : J4892-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR-MW-01-091218

Quant Time: Sep 15 03:47:54 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



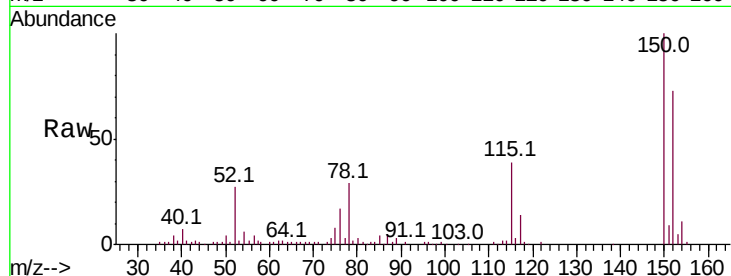


#1

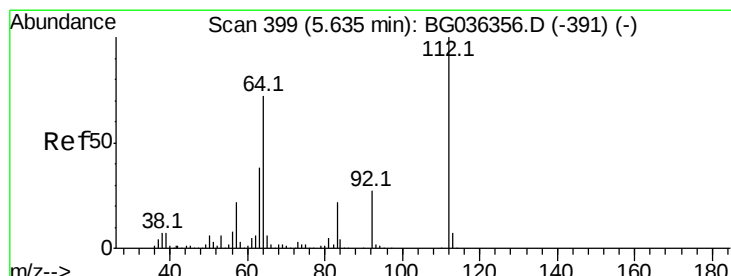
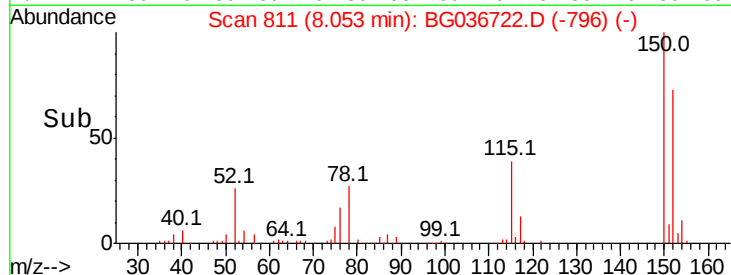
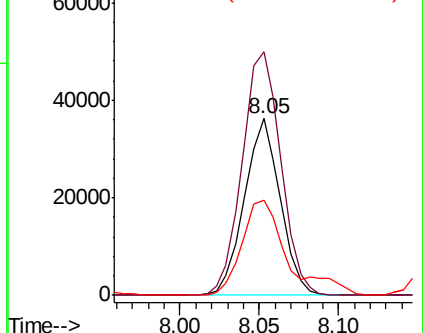
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BG036722.D
 Acq: 15 Sep 2018 1:53

Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-01-091218

Tot Ion:152 Resp: 56782
 Ion Ratio Lower Upper
 152 100
 150 137.8 119.5 179.3
 115 54.2 44.5 66.7



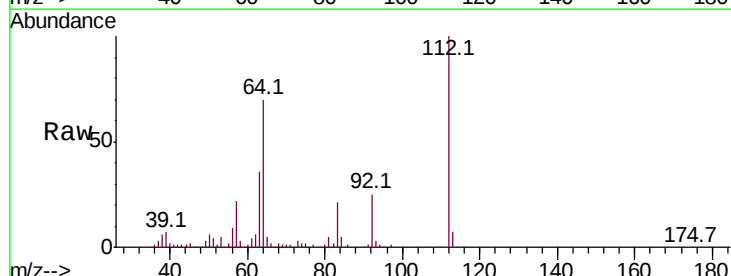
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



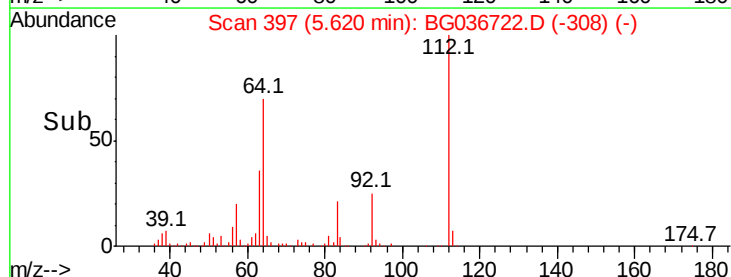
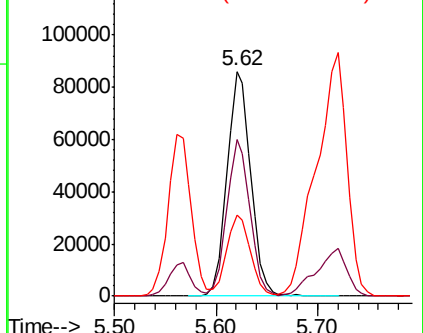
#5

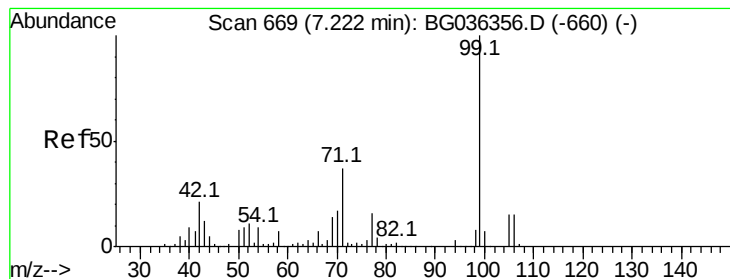
2-Fluorophenol
 Concen: 38.870 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.01 min
 Lab File: BG036722.D
 Acq: 15 Sep 2018 1:53

Tgt Ion:112 Resp: 139136
 Ion Ratio Lower Upper
 112 100
 64 69.8 57.2 85.8
 63 36.3 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: 23.715 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036722.D

Acq: 15 Sep 2018 1:53

Instrument :

BNA_G

ClientSampleId :

PR-MW-01-091218

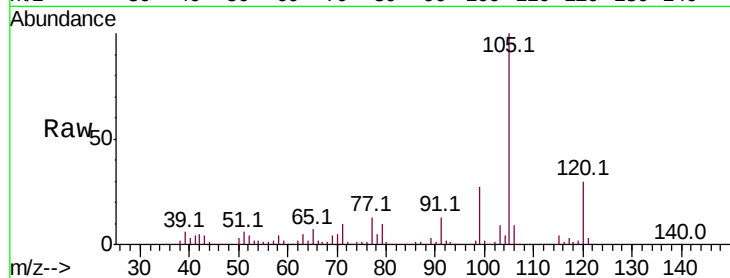
Tot Ion: 99 Resp: 121539

Ion Ratio Lower Upper

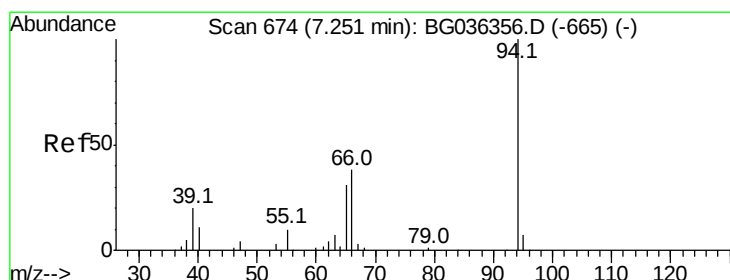
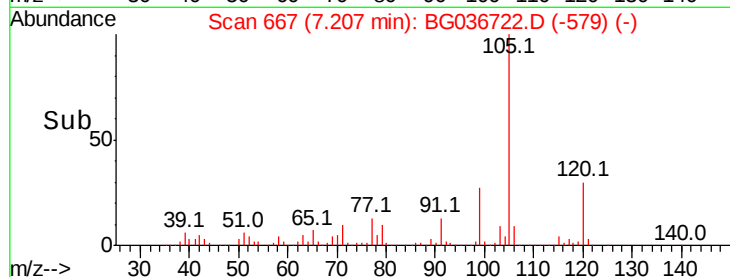
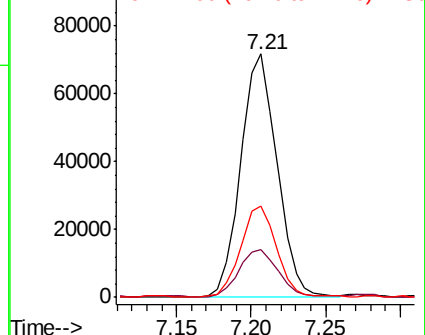
99 100

42 19.9 16.5 24.7

71 37.3 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



#10

Phenol

Concen: 2.754 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG036722.D

Acq: 15 Sep 2018 1:53

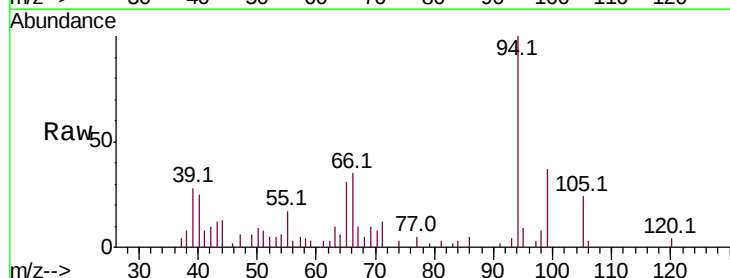
Tgt Ion: 94 Resp: 14770

Ion Ratio Lower Upper

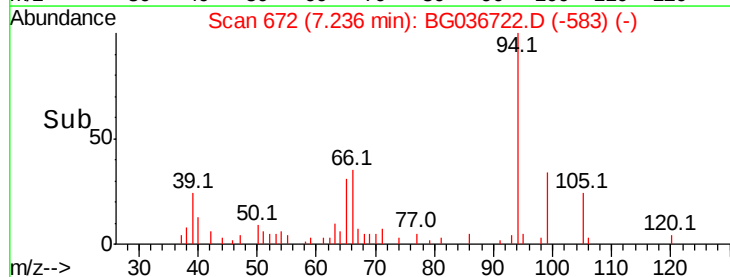
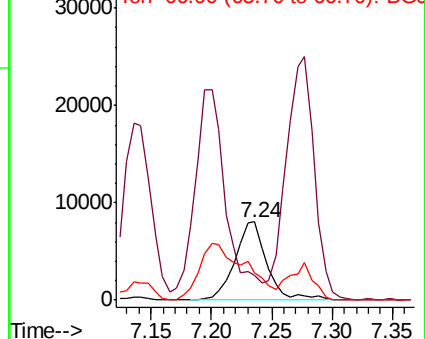
94 100

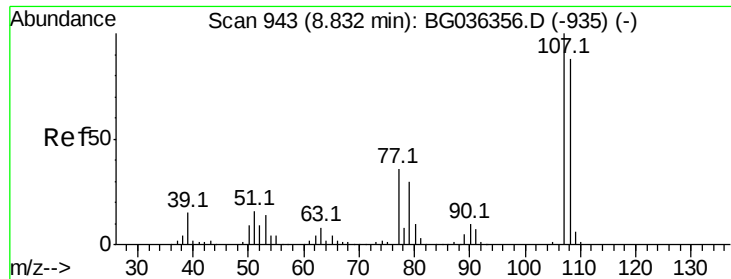
65 31.5 11.5 51.5

66 34.9 19.5 59.5



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

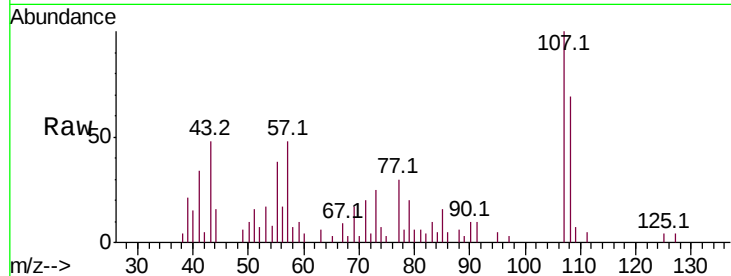




#20
3+4-Methylphenols
Concen: 2.298 ng
RT: 8.81 min Scan# 940
Delta R.T. -0.01 min
Lab File: BG036722.D
Acq: 15 Sep 2018 1:53

Instrument :
BNA_G
ClientSampleId :
PR-MW-01-091218

Tot Ion:	107	Resp:	11428
Ion	Ratio	Lower	Upper
107	100		
108	69.1	68.0	108.0
77	30.2	15.6	55.6
79	20.2	9.9	49.9



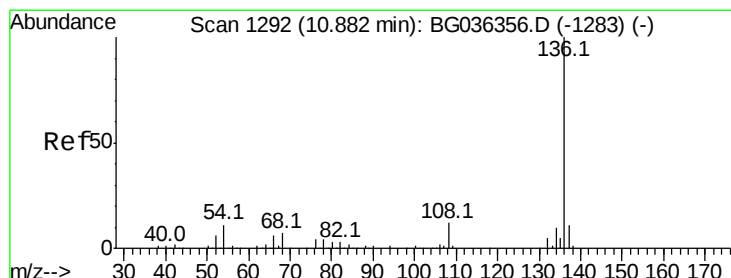
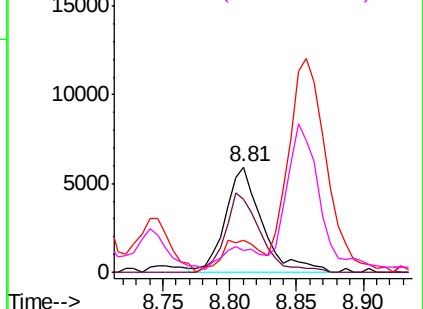
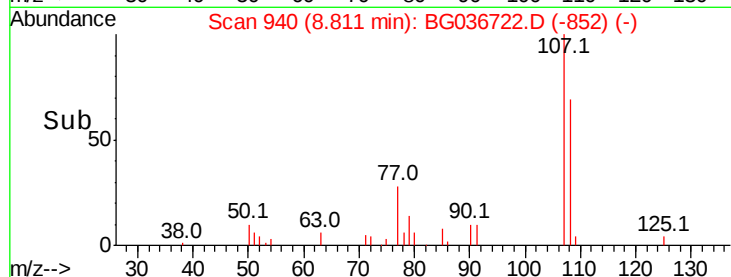
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

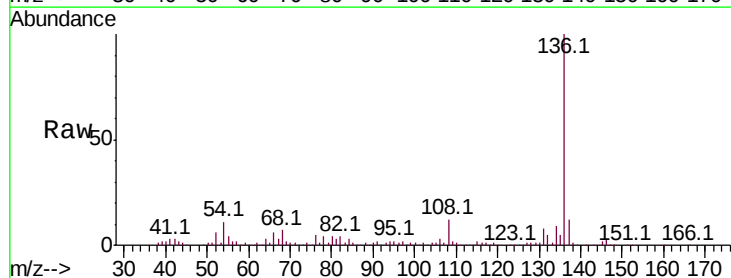
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG036722.D
Acq: 15 Sep 2018 1:53

Tgt Ion:	136	Resp:	230655
Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.8	13.2
54	11.3	9.2	13.8
68	7.4	5.8	8.6



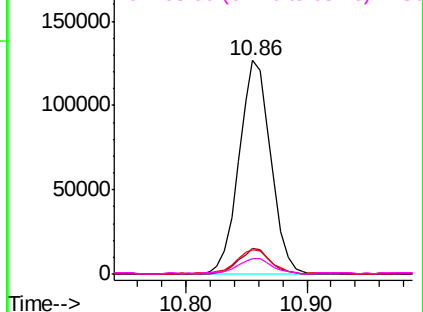
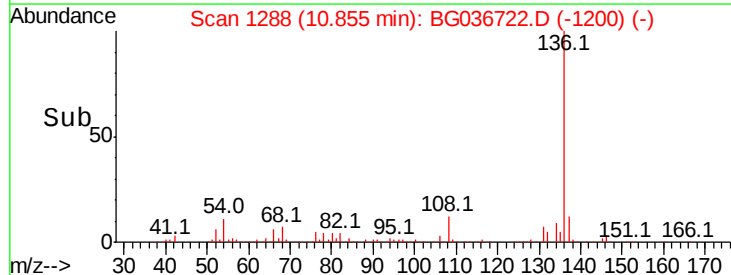
Abundance

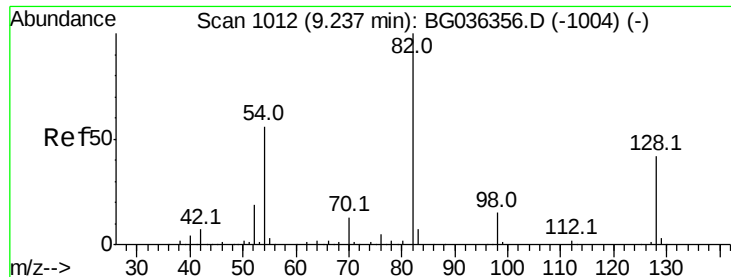
Ion 136.00 (135.70 to 136.70): E

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

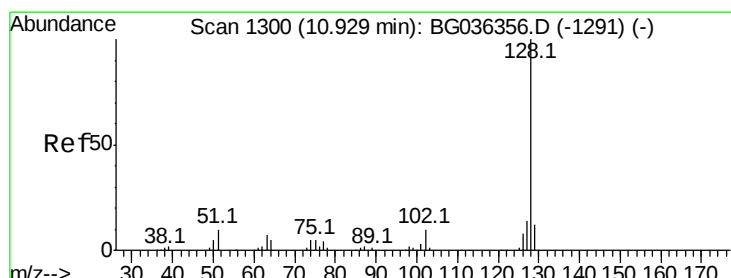
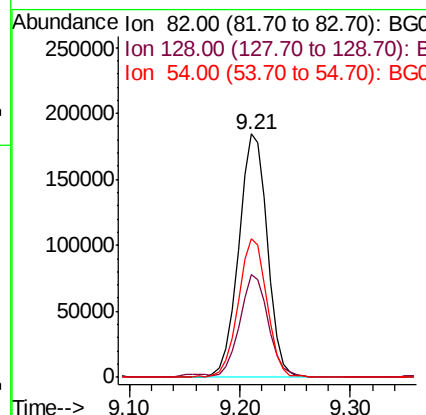
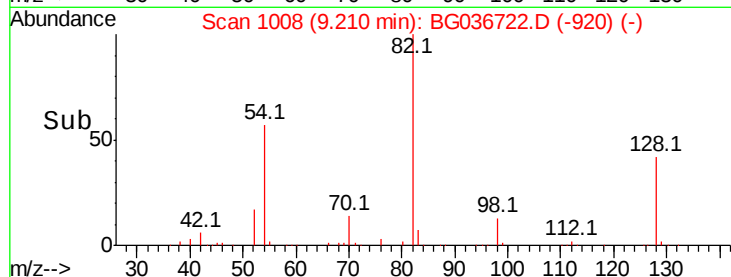
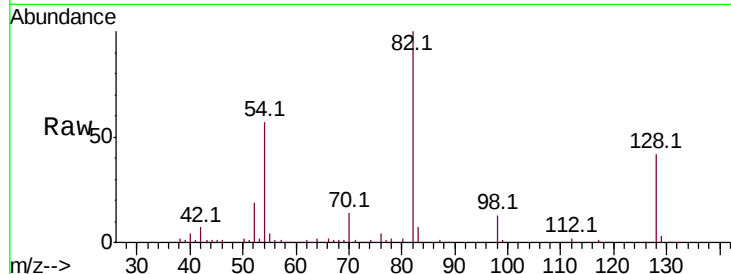




#23
 Nitrobenzene-d5
 Concen: 78.445 ng
 RT: 9.21 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BG036722.D
 Acq: 15 Sep 2018 1:53

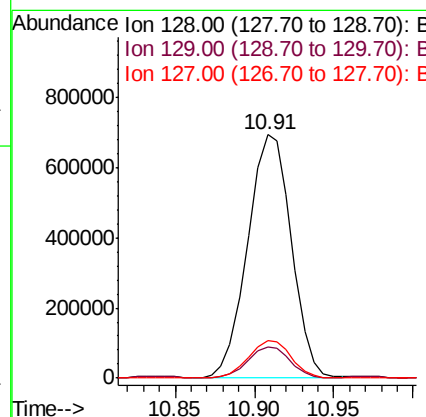
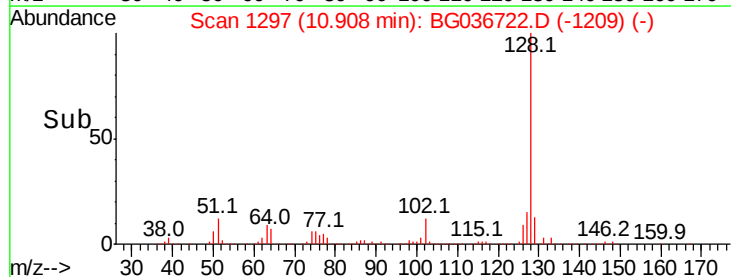
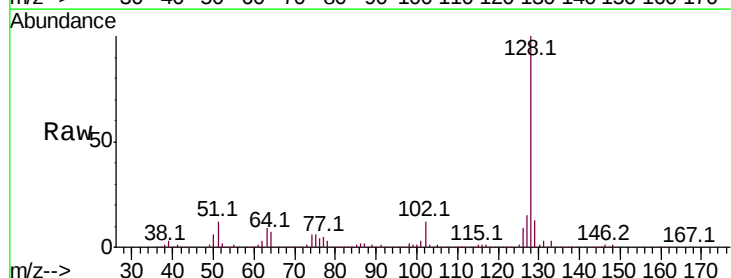
Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-01-091218

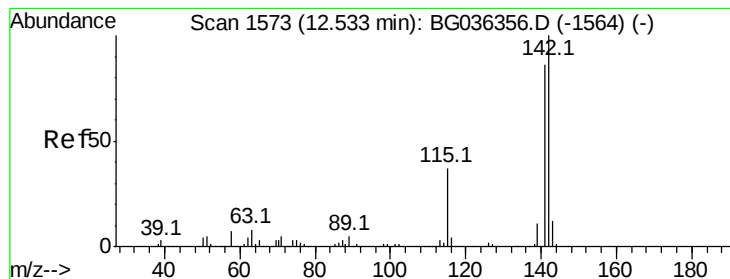
Tot Ion	82	Resp	333483
Ion Ratio	100	Lower	Upper
128	42.4	33.3	49.9
54	56.9	45.1	67.7



#31
 Naphthalene
 Concen: 115.244 ng
 RT: 10.91 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BG036722.D
 Acq: 15 Sep 2018 1:53

Tgt Ion	128	Resp	1328790
Ion Ratio	100	Lower	Upper
129	12.7	9.4	14.2
127	15.4	11.0	16.4





#37

2-Methylnaphthalene

Concen: 67.996 ng

RT: 12.51 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BG036722.D

Acq: 15 Sep 2018 1:53

Instrument :

BNA_G

ClientSampleId :

PR-MW-01-091218

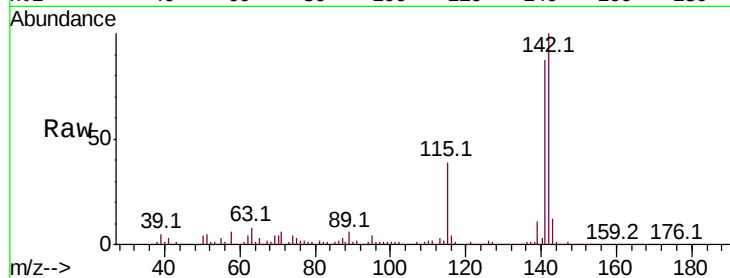
Tot Ion:142 Resp: 573658

Ion Ratio Lower Upper

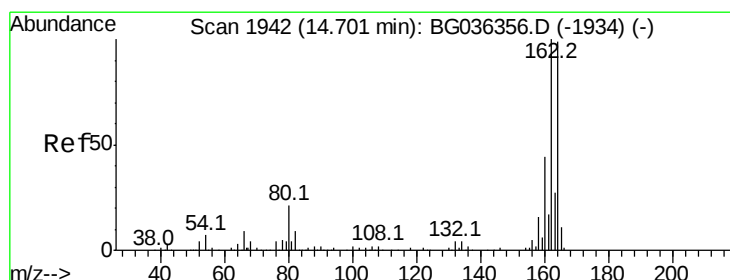
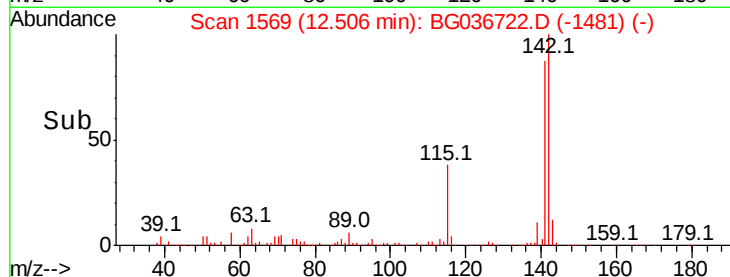
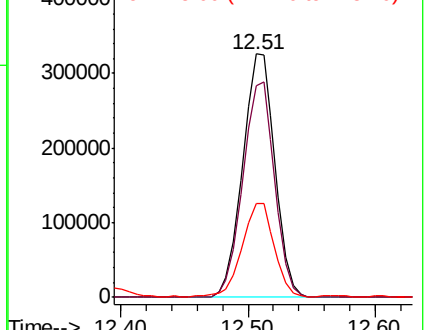
142 100

141 87.0 68.5 102.7

115 38.6 29.8 44.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG036722.D

Acq: 15 Sep 2018 1:53

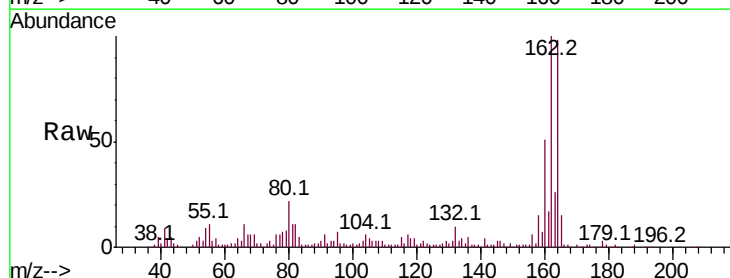
Tgt Ion:164 Resp: 152007

Ion Ratio Lower Upper

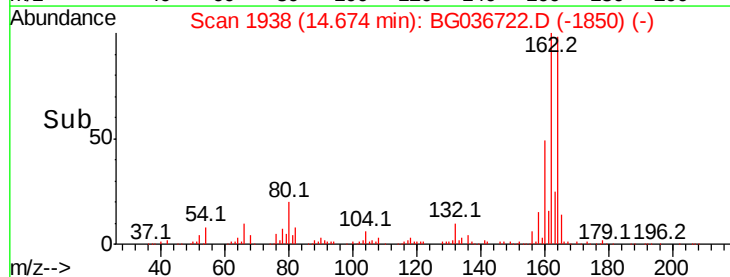
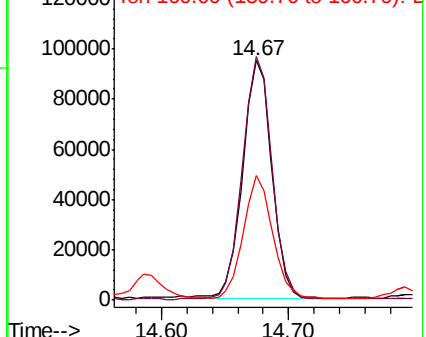
164 100

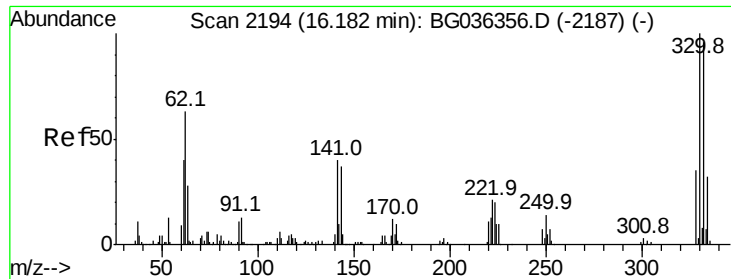
162 101.6 80.7 121.1

160 51.8 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

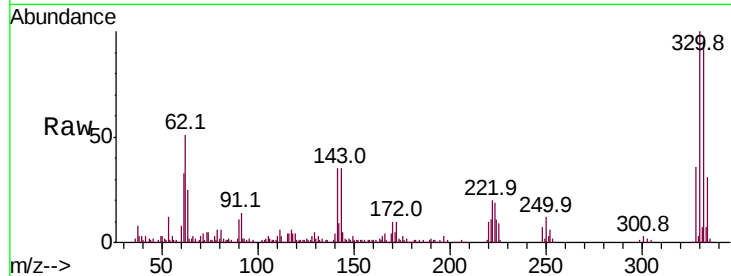




#41
 2,4,6-Tribromophenol
 Concen: 130.220 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.01 min
 Lab File: BG036722.D
 Acq: 15 Sep 2018 1:53

Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-01-091218

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	75.4	113.2
141	37.0	30.7	46.1

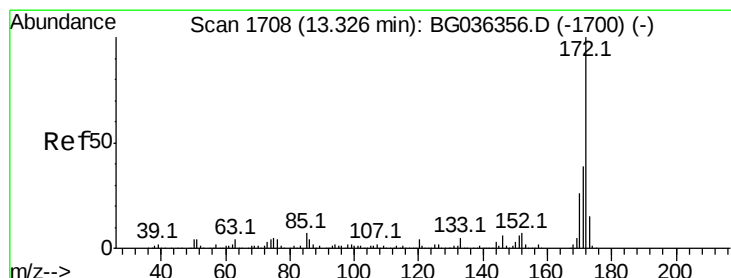
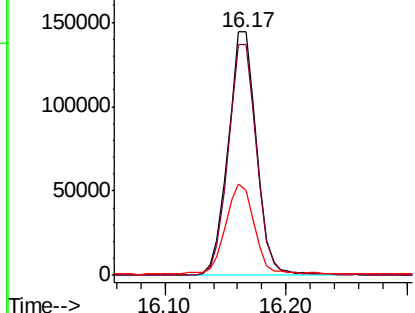
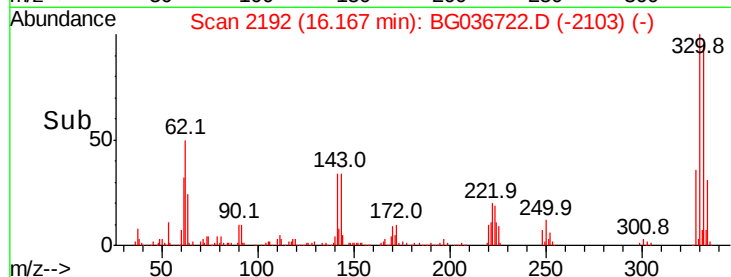


Abundance

Ion 329.80 (329.50 to 330.50): E

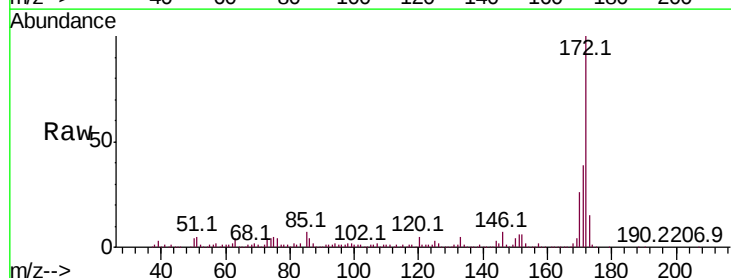
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 71.608 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036722.D
 Acq: 15 Sep 2018 1:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.6	31.3	46.9
170	26.2	21.0	31.6

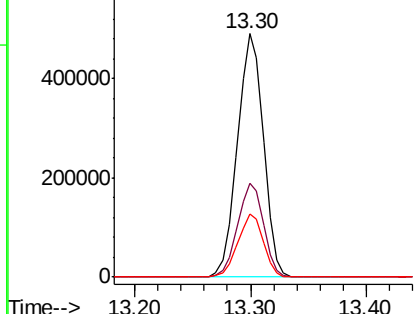
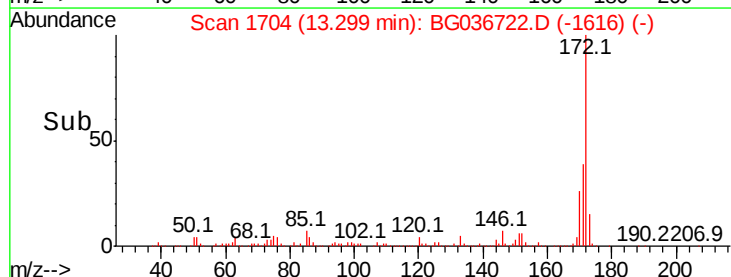


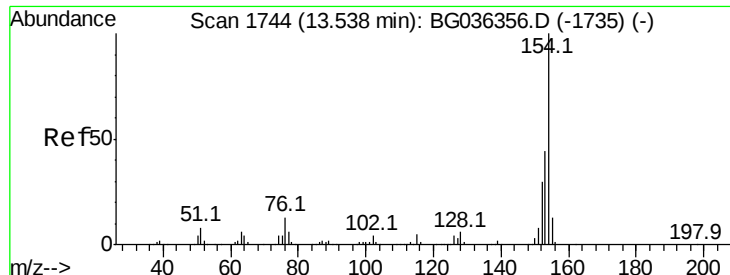
Abundance

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





#45

1,1'-Biphenyl

Concen: 5.475 ng

RT: 13.51 min Scan# 1740

Delta R.T. -0.01 min

Lab File: BG036722.D

Acq: 15 Sep 2018 1:53

Instrument :

BNA_G

ClientSampleId :

PR-MW-01-091218

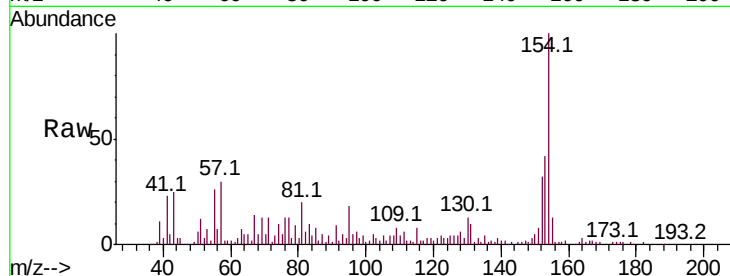
Tot Ion:154 Resp: 69083

Ion Ratio Lower Upper

154 100

153 41.8 24.0 64.0

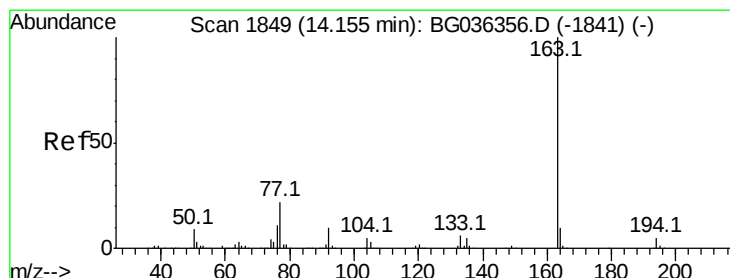
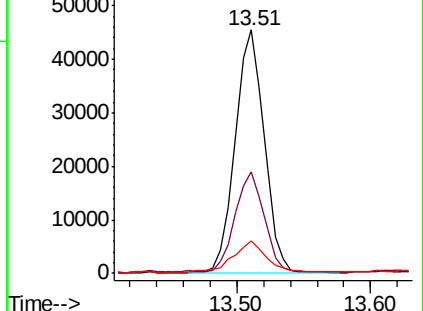
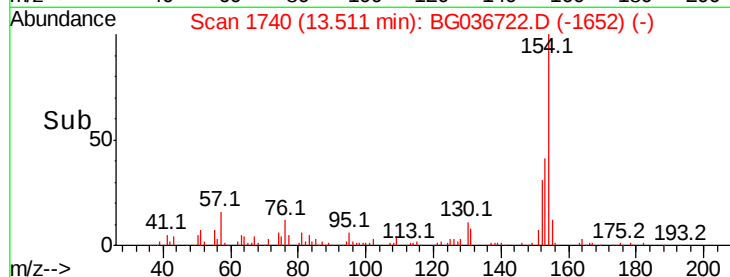
76 13.1 0.0 32.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#49

Dimethylphthalate

Concen: 14.612 ng

RT: 14.12 min Scan# 1844

Delta R.T. -0.02 min

Lab File: BG036722.D

Acq: 15 Sep 2018 1:53

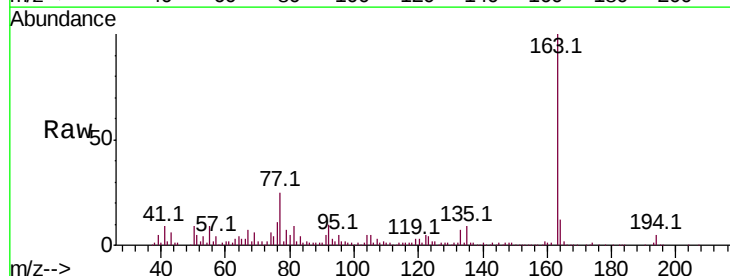
Tgt Ion:163 Resp: 181369

Ion Ratio Lower Upper

163 100

194 5.1 4.0 6.0

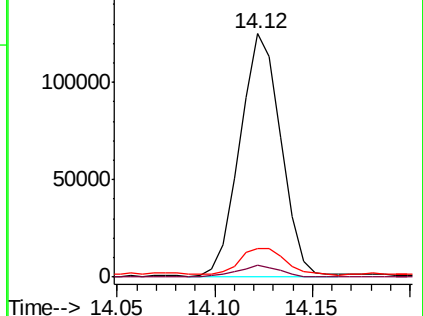
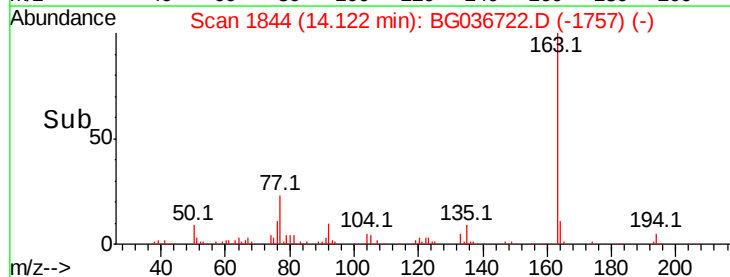
164 11.5 8.1 12.1

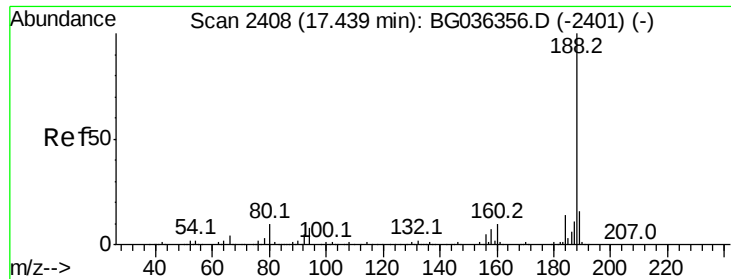


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

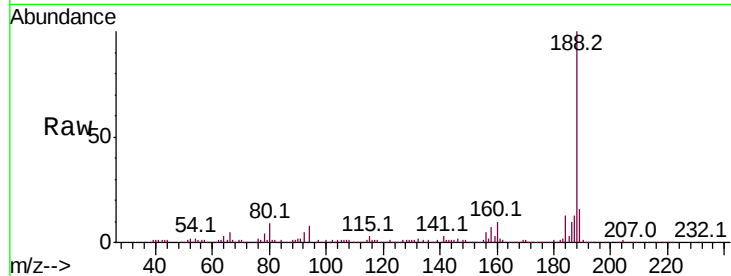




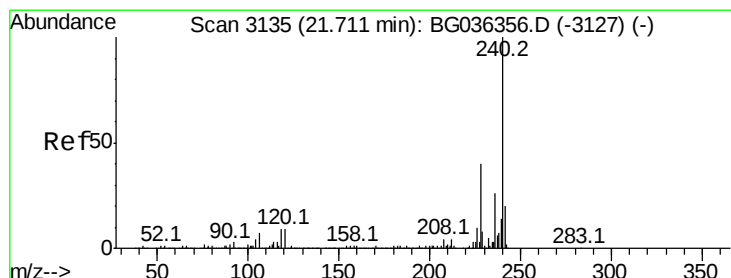
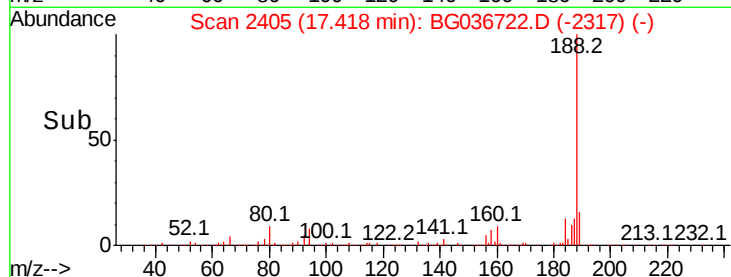
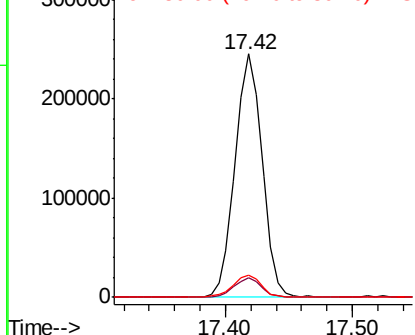
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036722.D
Acq: 15 Sep 2018 1:53

Instrument :
BNA_G
ClientSampleId :
PR-MW-01-091218

Tot Ion:188 Resp: 360951
Ion Ratio Lower Upper
188 100
94 8.2 6.7 10.1
80 9.0 8.1 12.1

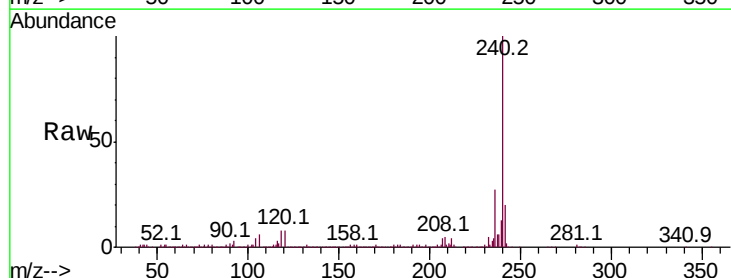


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

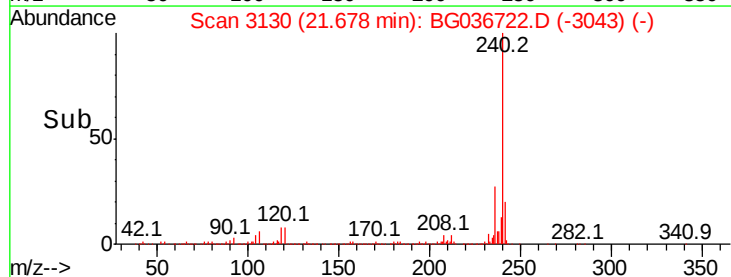
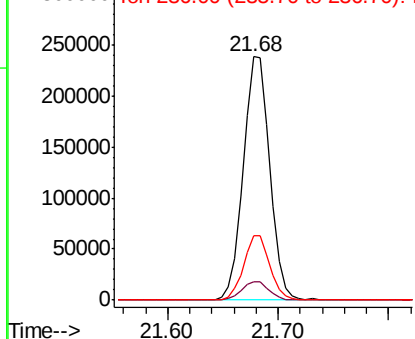


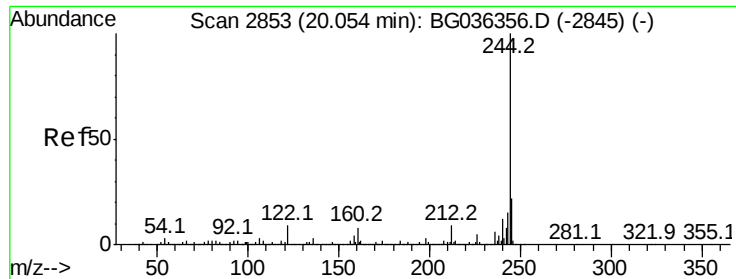
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.02 min
Lab File: BG036722.D
Acq: 15 Sep 2018 1:53

Tgt Ion:240 Resp: 401802
Ion Ratio Lower Upper
240 100
120 7.7 6.9 10.3
236 26.6 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: 72.331 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG036722.D

Acq: 15 Sep 2018 1:53

Instrument :

BNA_G

ClientSampleId :

PR-MW-01-091218

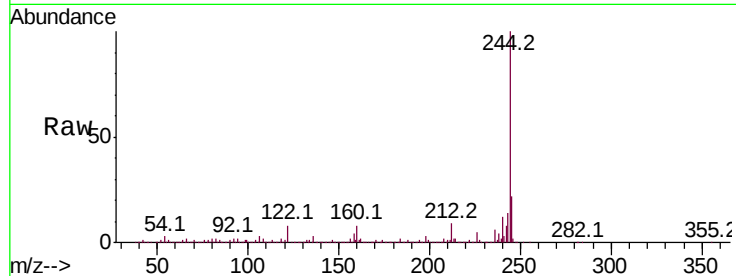
Tot Ion:244 Resp: 1243418

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.6

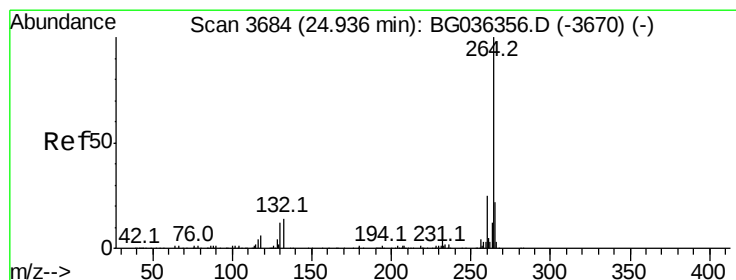
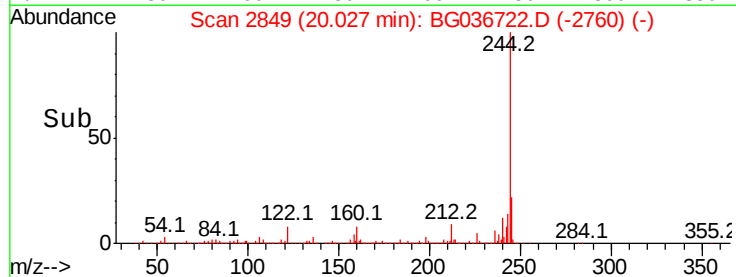
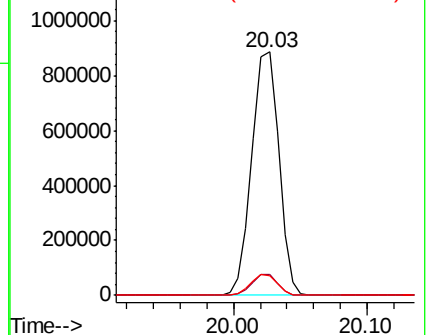
122 8.2 7.1 10.7



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: BG036722.D

Acq: 15 Sep 2018 1:53

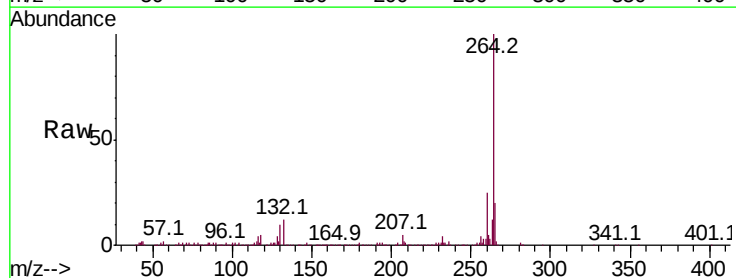
Tgt Ion:264 Resp: 419309

Ion Ratio Lower Upper

264 100

260 24.8 19.6 29.4

265 20.2 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

