

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092718\
 Data File : BG037046.D
 Acq On : 28 Sep 2018 12:08
 Operator : JU/SJ
 Sample : J5090-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-4

Quant Time: Sep 28 14:00:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	42103	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	165284	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	103406	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	266770	20.00	ng	0.00
75) Chrysene-d12	21.68	240	299149	20.00	ng	-0.01
86) Perylene-d12	24.87	264	299683	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	131636	59.96	ng	0.00
7) Phenol-d6	7.20	99	118836	34.99	ng	-0.01
23) Nitrobenzene-d5	9.20	82	362152	117.34	ng	-0.01
41) 2,4,6-Tribromophenol	16.15	330	134122	108.41	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	756650	108.98	ng	-0.01
78) Terphenyl-d14	20.02	244	1339640	117.75	ng	0.00

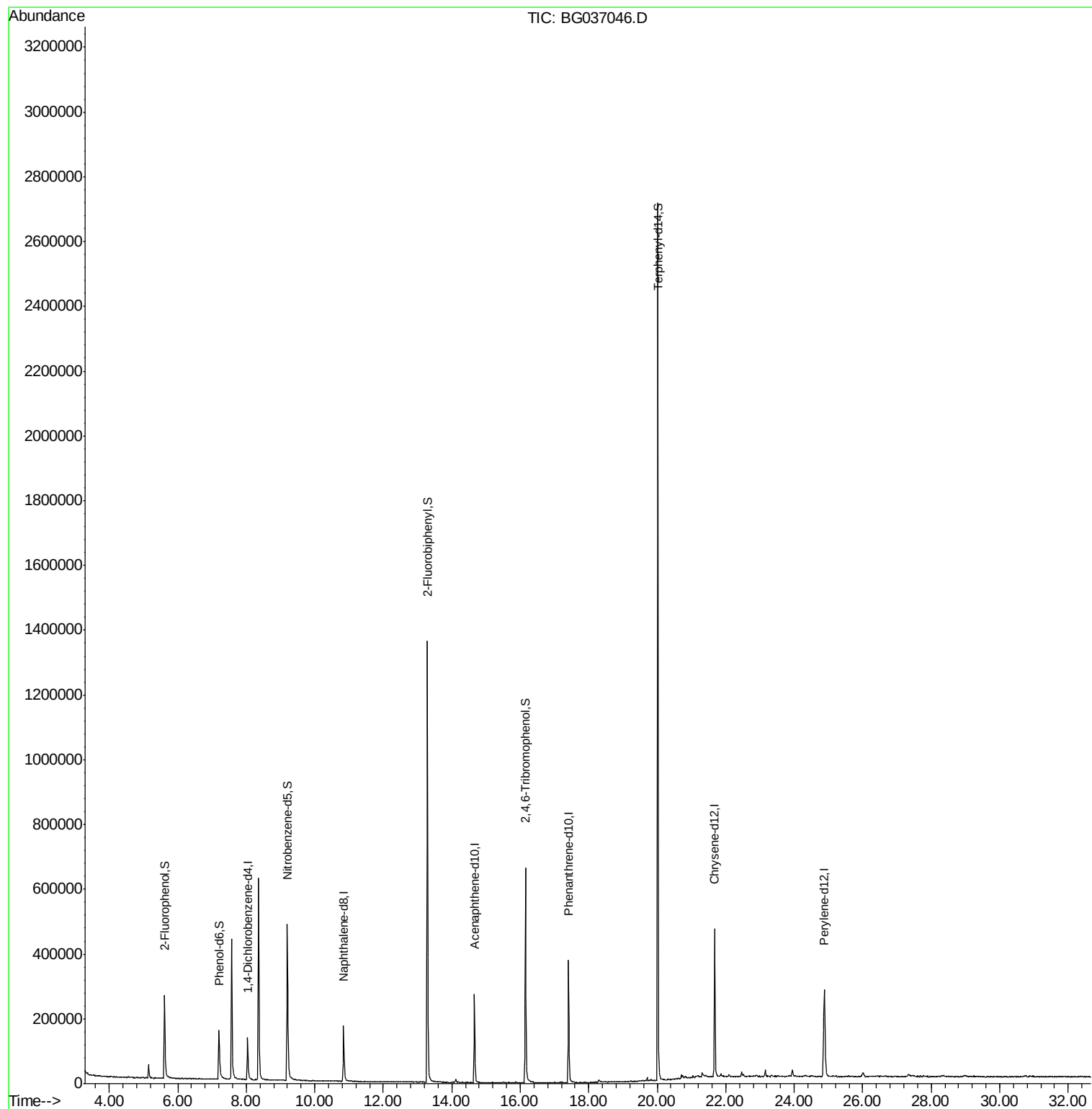
Target Compounds Qvalue

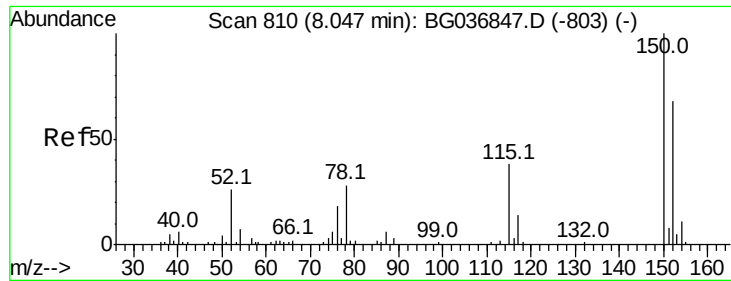
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092718\
Data File : BG037046.D
Acq On : 28 Sep 2018 12:08
Operator : JU/SJ
Sample : J5090-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-4

Quant Time: Sep 28 14:00:23 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 10:41:23 2018
Response via : Initial Calibration



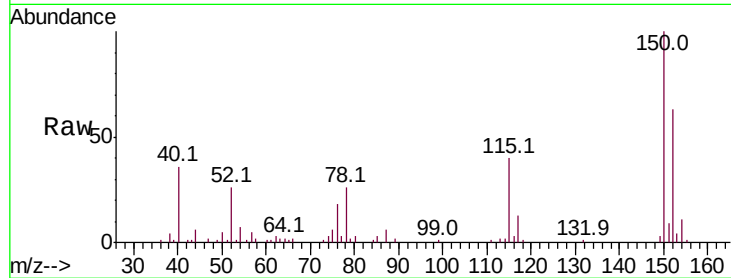


#1

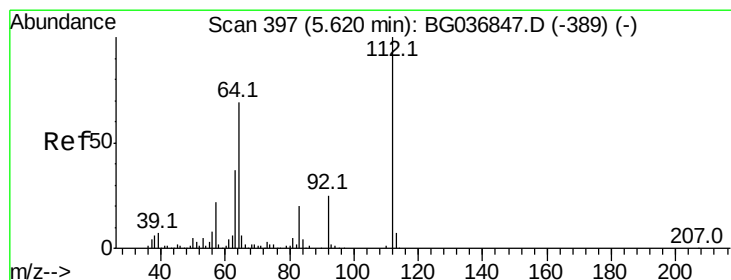
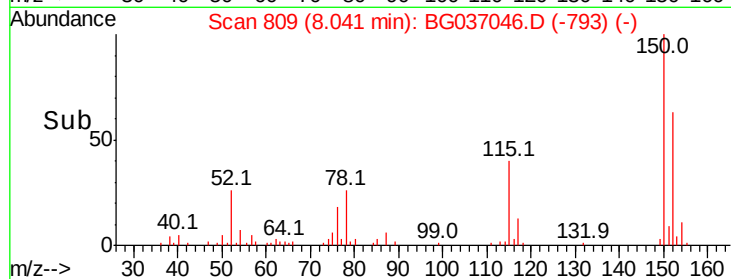
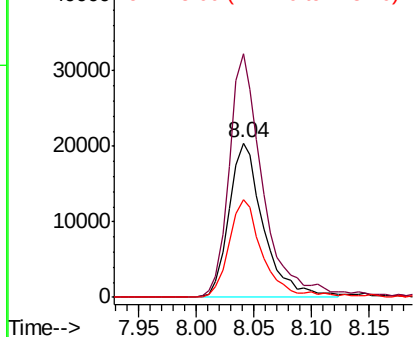
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.04 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BG037046.D
 Acq: 28 Sep 2018 12:08

Instrument :
 BNA_G
 ClientSampleId :
 MW-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	119.5	179.3
115	63.1	44.5	66.7



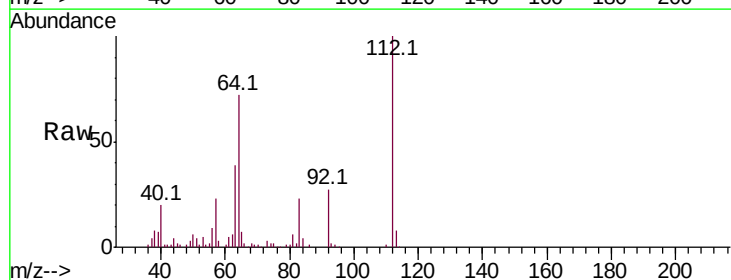
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



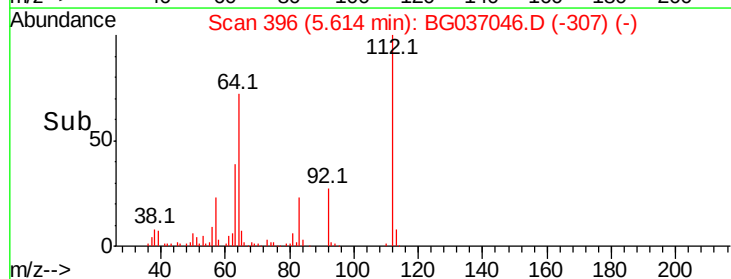
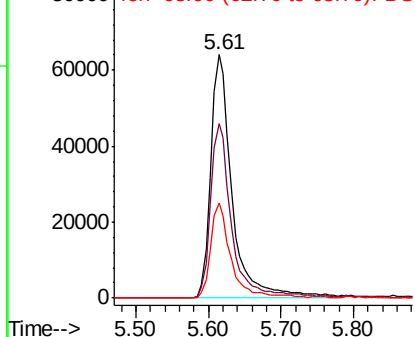
#5

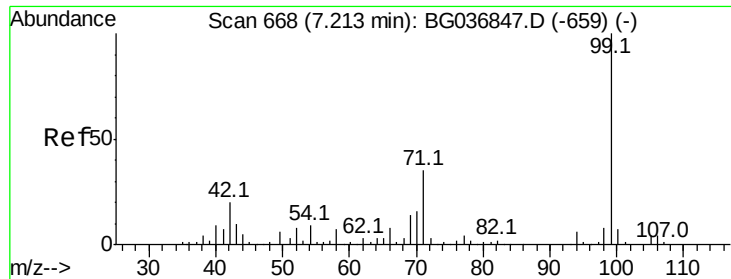
2-Fluorophenol
 Concen: 59.960 ng
 RT: 5.61 min Scan# 396
 Delta R.T. -0.01 min
 Lab File: BG037046.D
 Acq: 28 Sep 2018 12:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.9	57.2	85.8
63	39.0	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: 34.986 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037046.D

Acq: 28 Sep 2018 12:08

Instrument :

BNA_G

ClientSampled :

MW-4

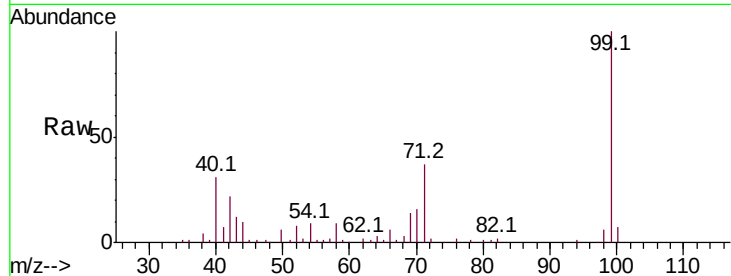
Tot Ion: 99 Resp: 118836

Ion Ratio Lower Upper

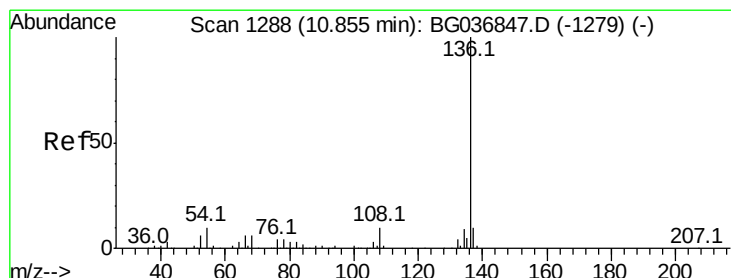
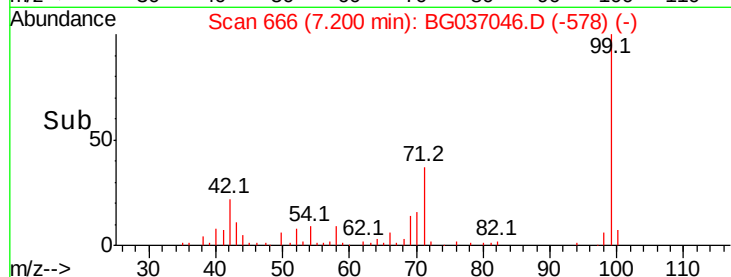
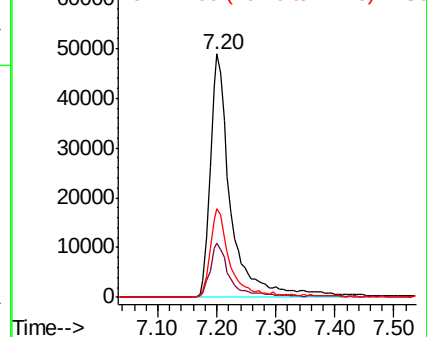
99 100

42 22.1 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: 10.84 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BG037046.D

Acq: 28 Sep 2018 12:08

Tgt Ion: 136 Resp: 165284

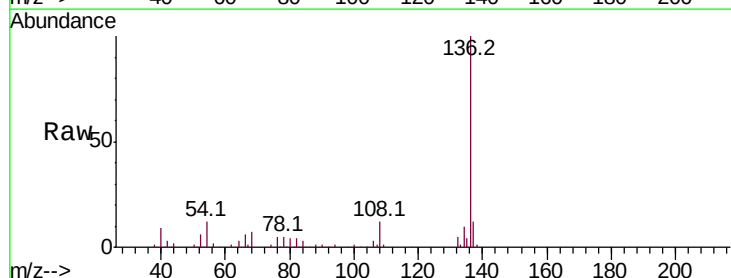
Ion Ratio Lower Upper

136 100

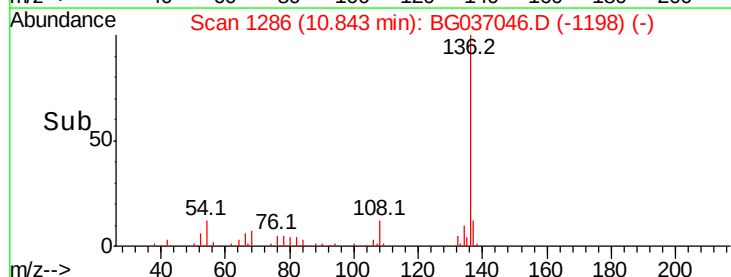
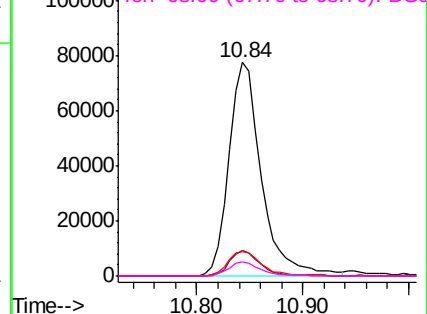
137 11.9 8.8 13.2

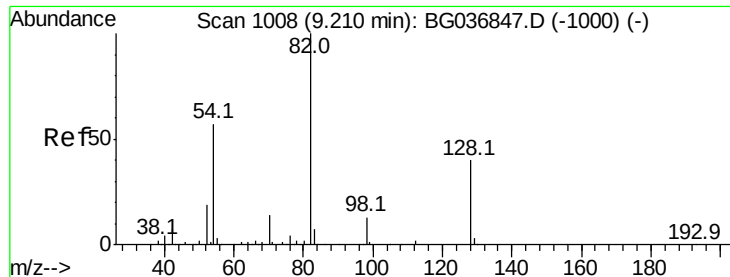
54 11.5 9.2 13.8

68 6.6 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

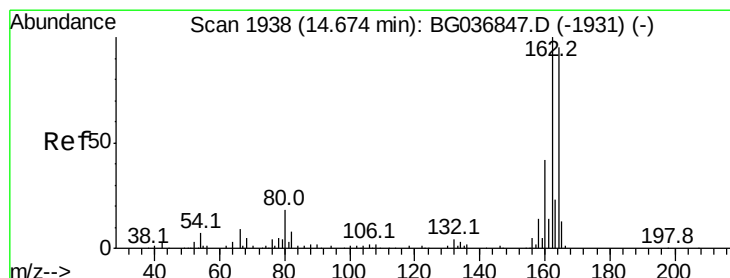
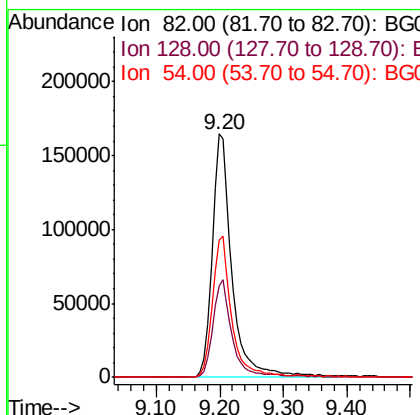
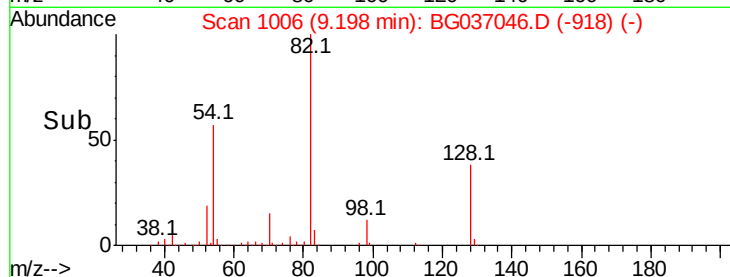
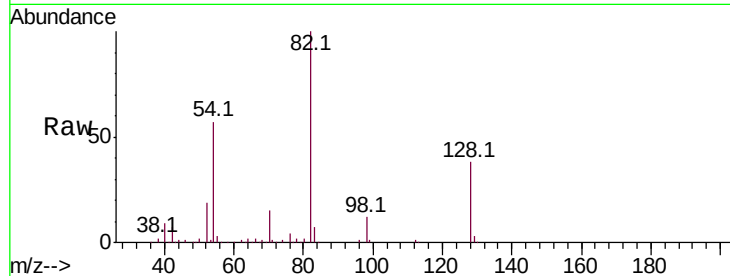




#23
 Nitrobenzene-d5
 Concen: 117.335 ng
 RT: 9.20 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BG037046.D
 Acq: 28 Sep 2018 12:08

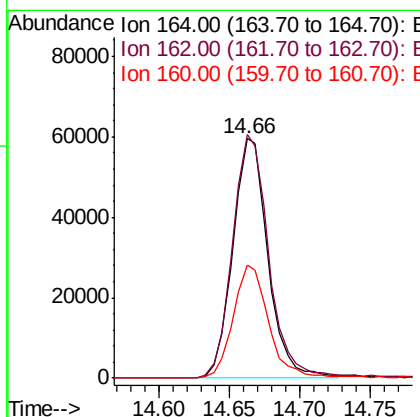
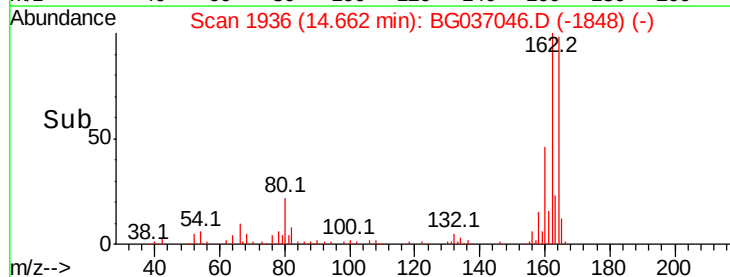
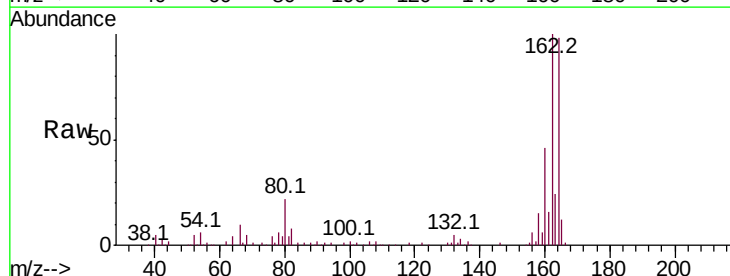
Instrument :
 BNA_G
 ClientSampleId :
 MW-4

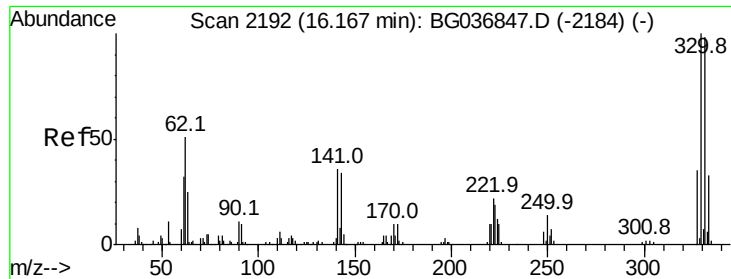
Tot Ion: 82 Resp: 362152
 Ion Ratio Lower Upper
 82 100
 128 37.6 33.3 49.9
 54 56.7 45.1 67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: BG037046.D
 Acq: 28 Sep 2018 12:08

Tgt Ion: 164 Resp: 103406
 Ion Ratio Lower Upper
 164 100
 162 101.8 80.7 121.1
 160 47.2 35.3 52.9

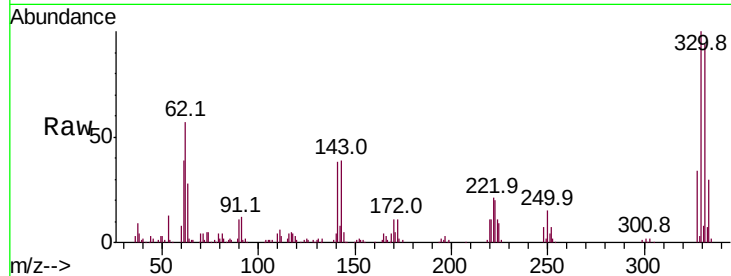




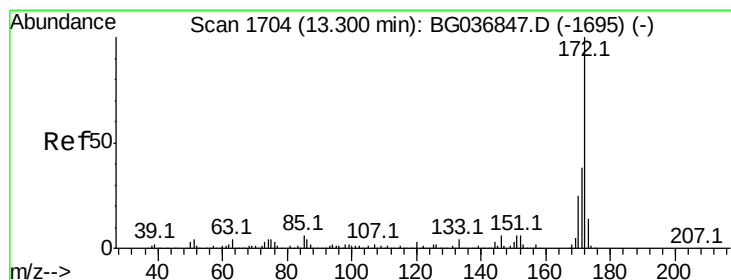
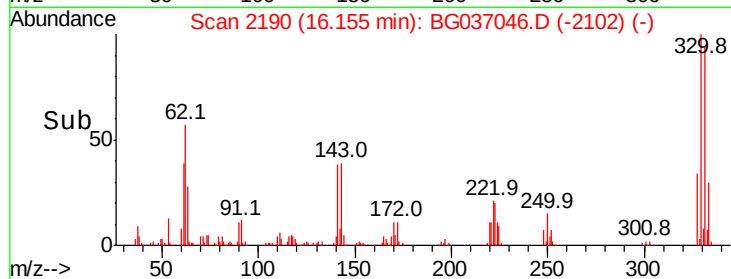
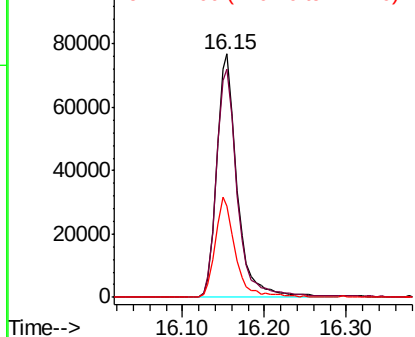
#41
 2,4,6-Tribromophenol
 Concen: 108.409 ng
 RT: 16.15 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG037046.D
 Acq: 28 Sep 2018 12:08

Instrument :
 BNA_G
 ClientSampled :
 MW-4

Tot Ion:330 Resp: 134122
 Ion Ratio Lower Upper
 330 100
 332 96.1 75.4 113.2
 141 40.5 30.7 46.1

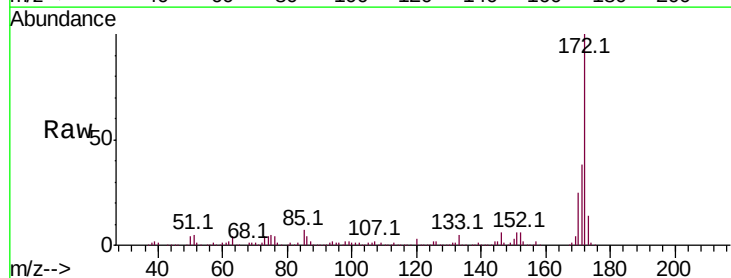


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

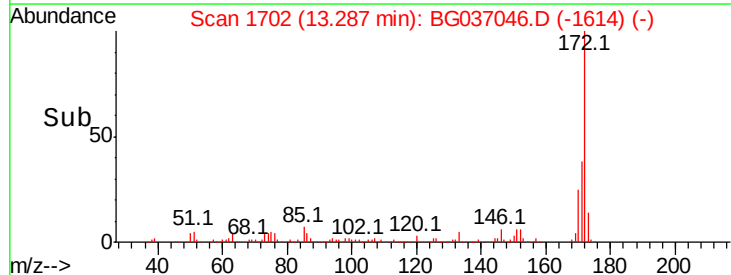
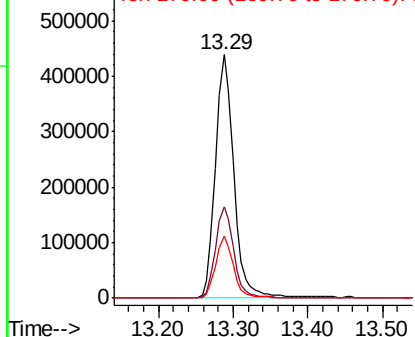


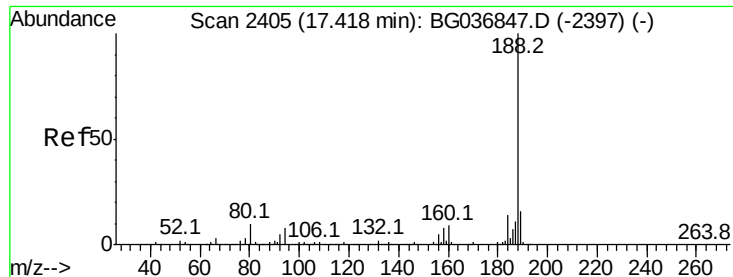
#44
 2-Fluorobiphenyl
 Concen: 108.983 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG037046.D
 Acq: 28 Sep 2018 12:08

Tgt Ion:172 Resp: 756650
 Ion Ratio Lower Upper
 172 100
 171 37.6 31.3 46.9
 170 25.3 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: 17.41 min Scan# 2404

Delta R.T. -0.01 min

Lab File: BG037046.D

Acq: 28 Sep 2018 12:08

Instrument :

BNA_G

ClientSampleId :

MW-4

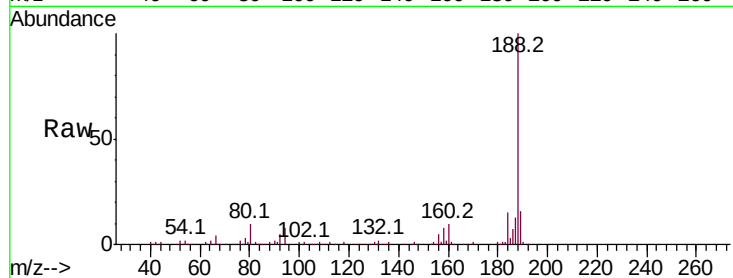
Tot Ion:188 Resp: 266770

Ion Ratio Lower Upper

188 100

94 7.6 6.7 10.1

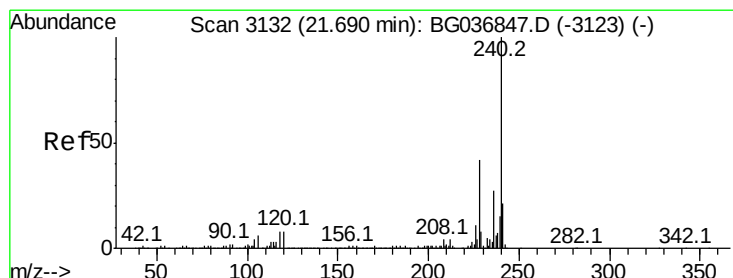
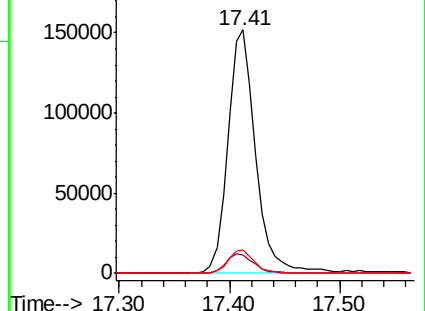
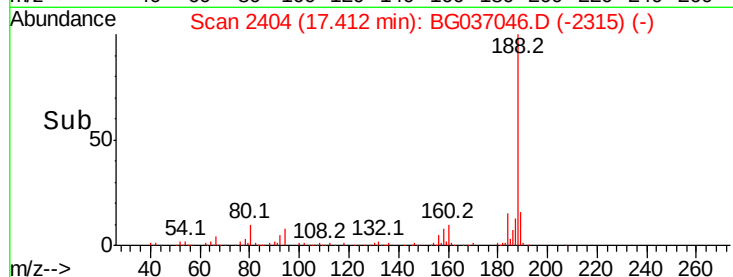
80 9.7 8.1 12.1



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. -0.01 min

Lab File: BG037046.D

Acq: 28 Sep 2018 12:08

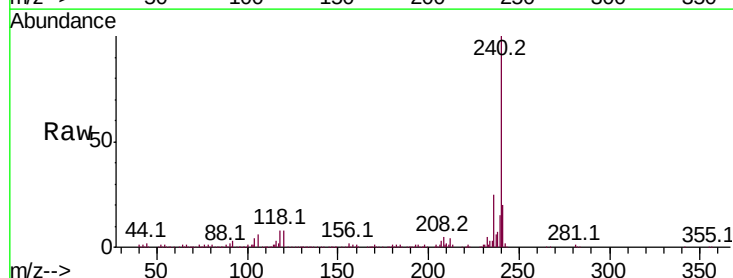
Tgt Ion:240 Resp: 299149

Ion Ratio Lower Upper

240 100

120 8.4 6.9 10.3

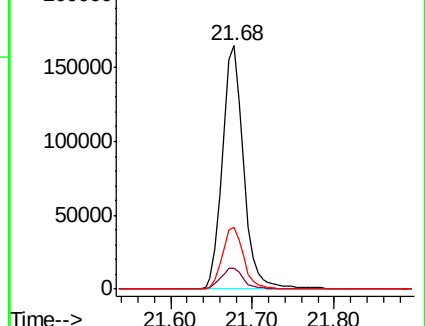
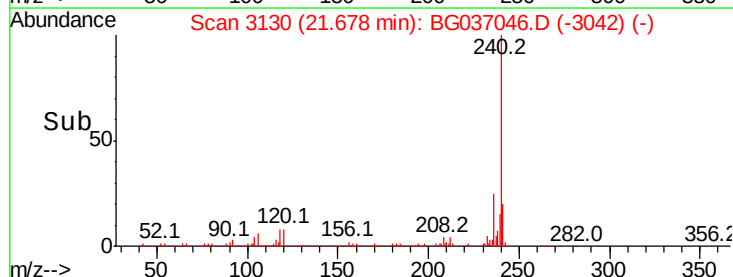
236 25.5 21.2 31.8

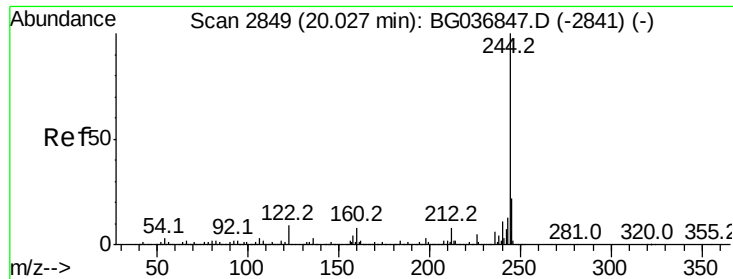


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 117.753 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG037046.D

Acq: 28 Sep 2018 12:08

Instrument :

BNA_G

ClientSampleId :

MW-4

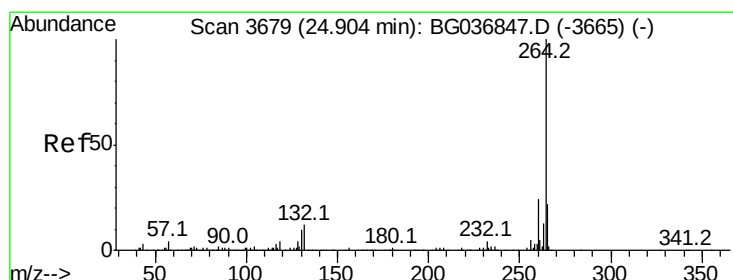
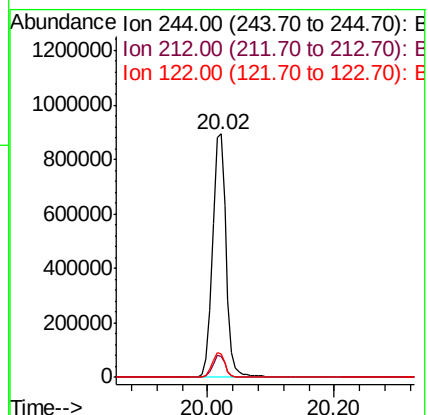
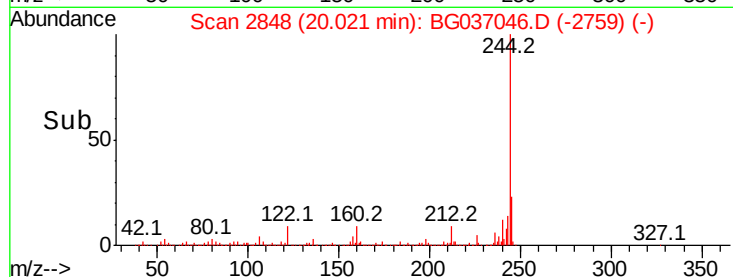
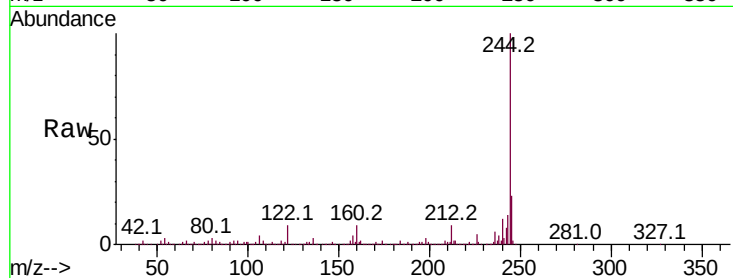
Tot Ion:244 Resp: 1339640

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.0	10.6
122	9.4	7.1	10.7

244 100

212 8.7 7.0 10.6

122 9.4 7.1 10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.87 min Scan# 3674

Delta R.T. -0.03 min

Lab File: BG037046.D

Acq: 28 Sep 2018 12:08

Tgt Ion:264 Resp: 299683

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.6	29.4
265	20.1	17.4	26.0

264 100

260 23.3 19.6 29.4

265 20.1 17.4 26.0

