

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121818\
 Data File : BG038697.D
 Acq On : 18 Dec 2018 16:41
 Operator : JU/SJ
 Sample : J6398-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-03_121218

Quant Time: Dec 19 07:17:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	26524	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	108578	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	73117	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	179553	20.00	ng	0.00
76) Chrysene-d12	21.72	240	188088	20.00	ng	0.00
87) Perylene-d12	25.02	264	194138	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	103894	69.47	ng	0.00
7) Phenol-d6	7.21	99	90243	43.96	ng	0.00
23) Nitrobenzene-d5	9.24	82	203520	95.76	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	157375	156.17	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	507868	95.29	ng	0.00
79) Terphenyl-d14	20.05	244	911726	105.49	ng	0.00

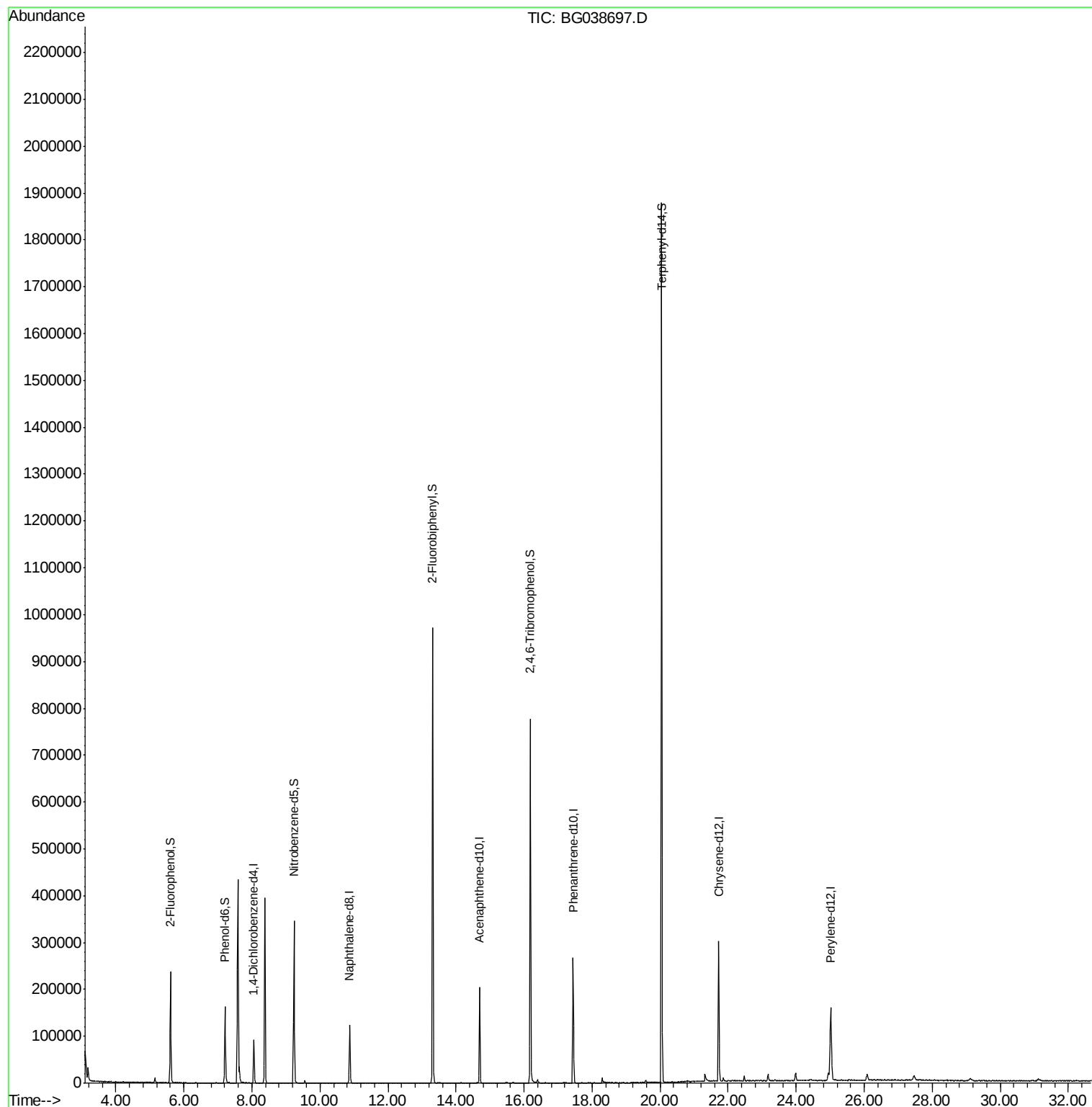
Target Compounds Qvalue

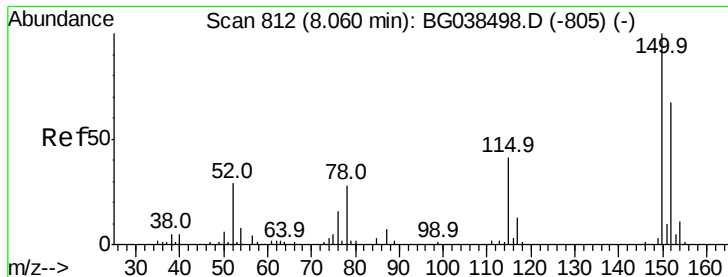
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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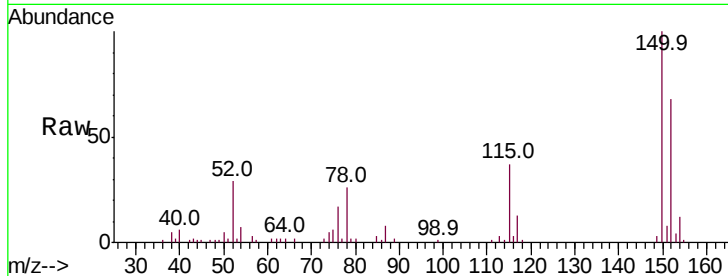


#1

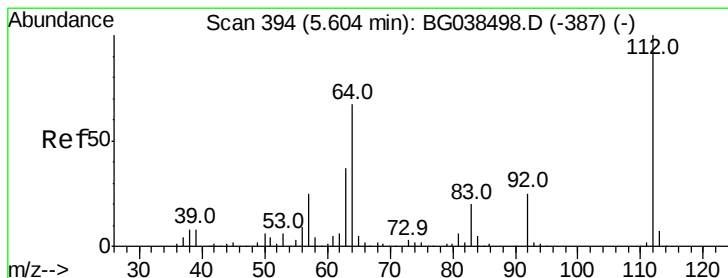
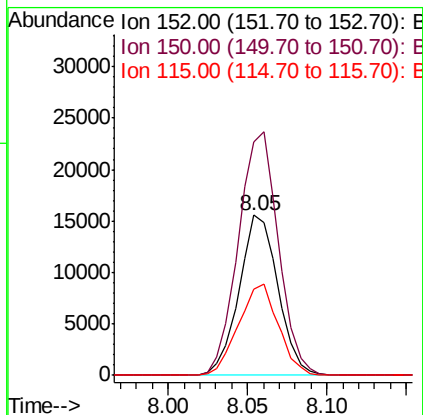
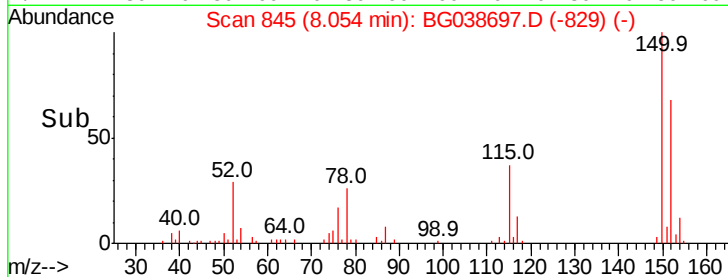
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG038697.D
Acq: 18 Dec 2018 16:41

Instrument :
BNA_G
ClientSampleId :
PR-MW-03_121218

Tot Ion:152 Resp: 26524
Ion Ratio Lower Upper
152 100
150 146.1 119.5 179.3
115 53.8 49.6 74.4



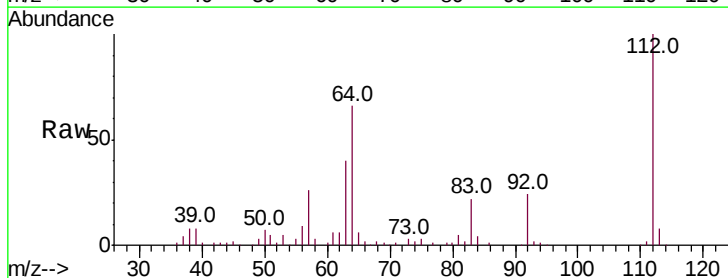
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



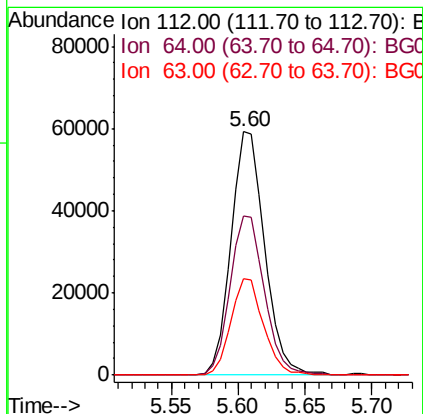
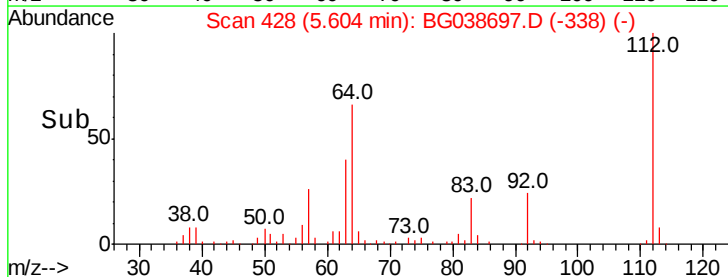
#5

2-Fluorophenol
Concen: 69.474 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG038697.D
Acq: 18 Dec 2018 16:41

Tgt Ion:112 Resp: 103894
Ion Ratio Lower Upper
112 100
64 65.6 53.4 80.2
63 39.5 29.3 43.9



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: 43.958 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG038697.D

Acq: 18 Dec 2018 16:41

Instrument :

BNA_G

ClientSampleId :

PR-MW-03_121218

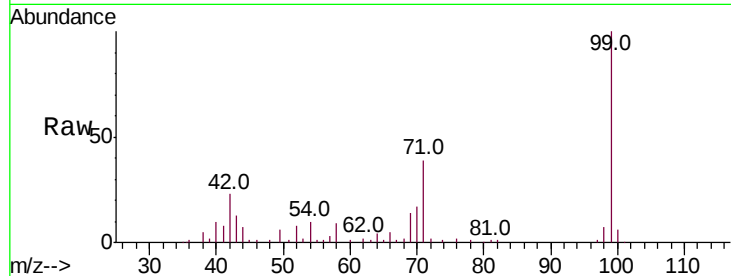
Tot Ion: 99 Resp: 90243

Ion Ratio Lower Upper

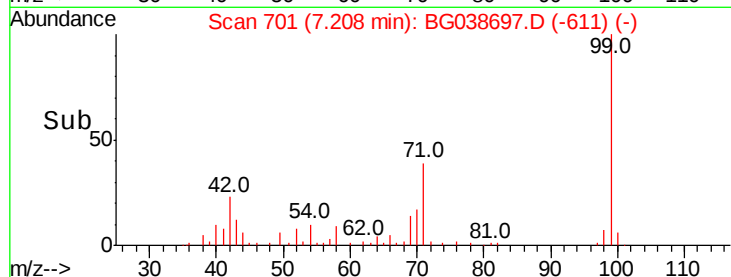
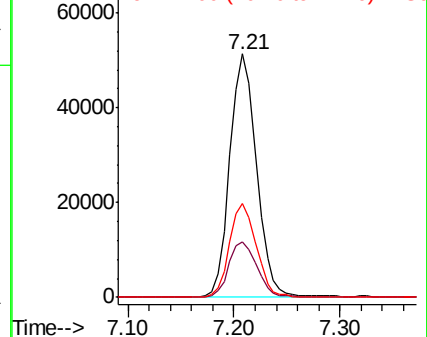
99 100

42 22.6 18.5 27.7

71 38.7 31.1 46.7



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: 10.87 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BG038697.D

Acq: 18 Dec 2018 16:41

Tgt Ion: 136 Resp: 108578

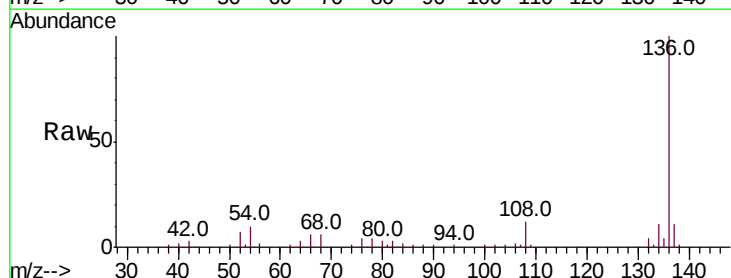
Ion Ratio Lower Upper

136 100

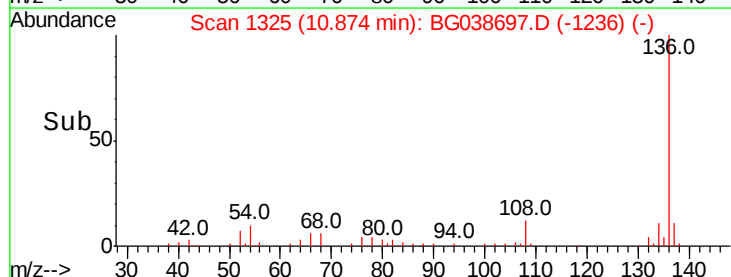
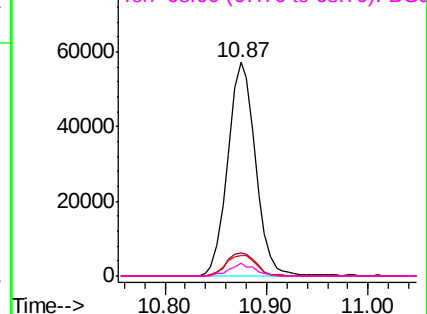
137 11.1 9.3 13.9

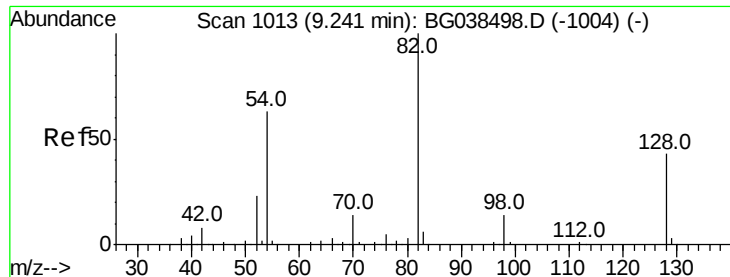
54 9.7 8.5 12.7

68 5.9 3.5 5.3#



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: 95.758 ng

RT: 9.24 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BG038697.D

Acq: 18 Dec 2018 16:41

Instrument :

BNA_G

ClientSampleId :

PR-MW-03_121218

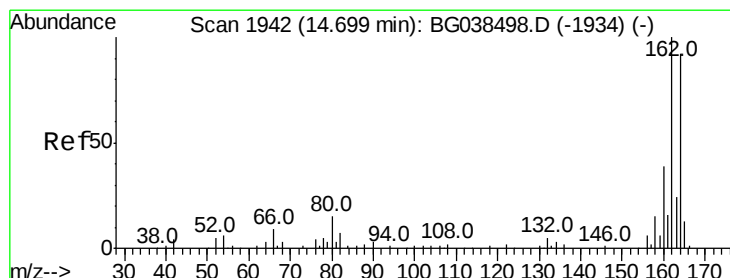
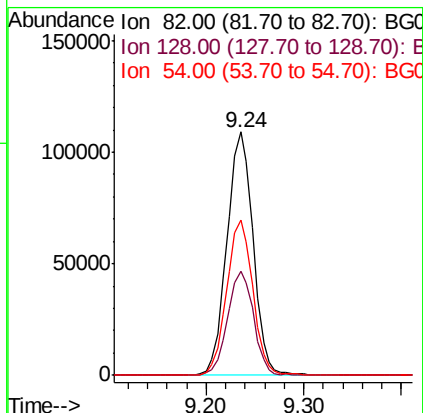
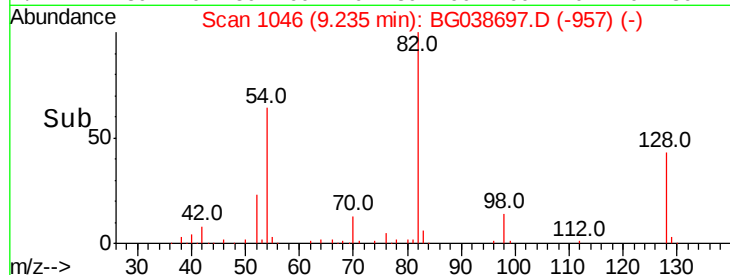
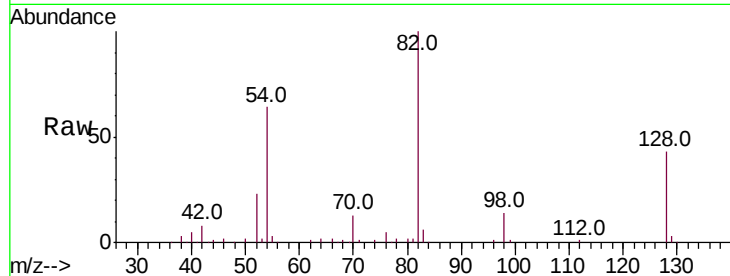
Tot Ion: 82 Resp: 203520

Ion Ratio Lower Upper

82 100

128 42.6 34.6 52.0

54 63.9 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG038697.D

Acq: 18 Dec 2018 16:41

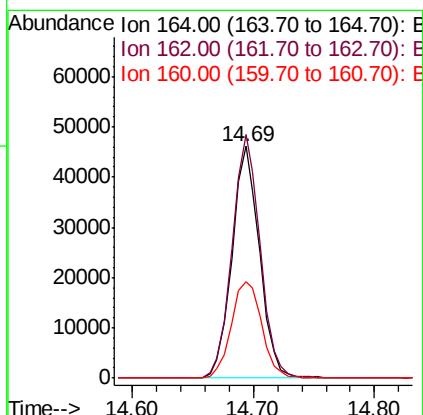
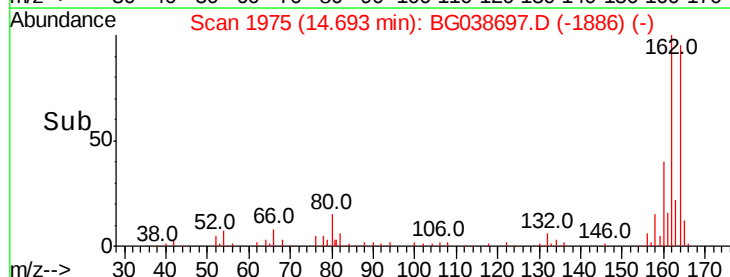
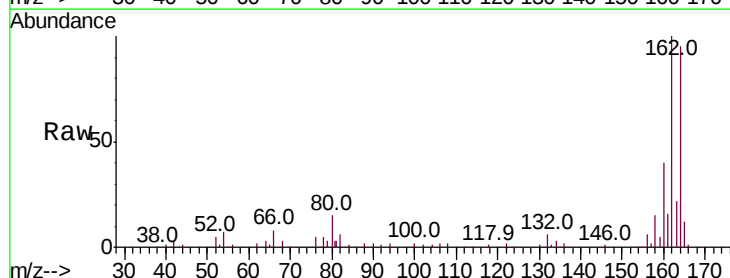
Tgt Ion: 164 Resp: 73117

Ion Ratio Lower Upper

164 100

162 105.1 86.6 130.0

160 41.7 34.2 51.2

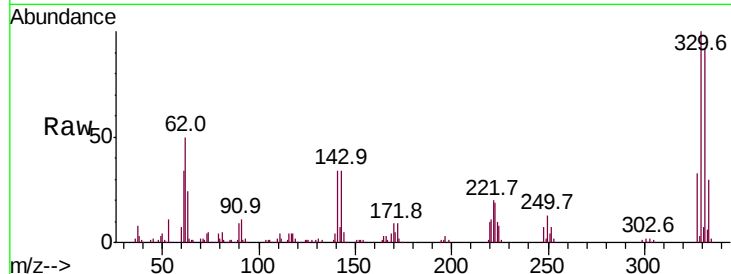




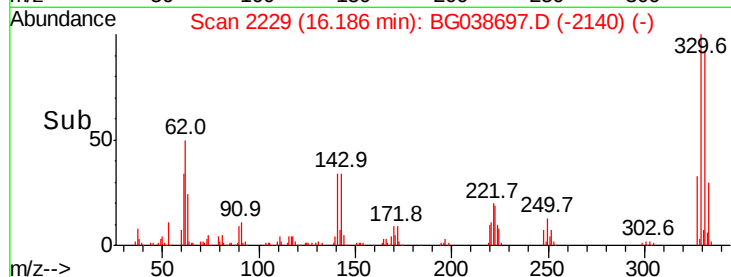
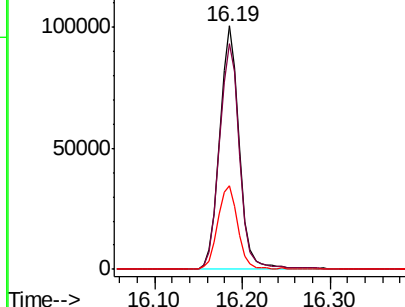
#42
 2,4,6-Tribromophenol
 Concen: 156.175 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BG038697.D
 Acq: 18 Dec 2018 16:41

Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-03_121218

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.9	115.3
141	35.0	28.8	43.2

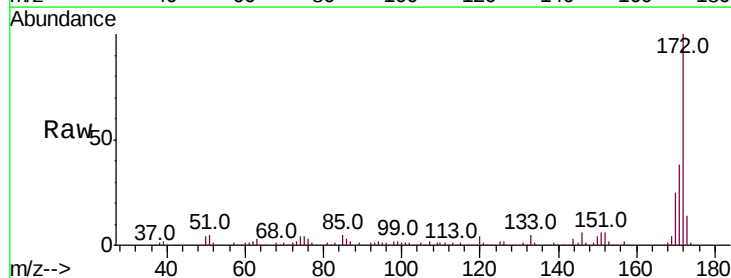


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

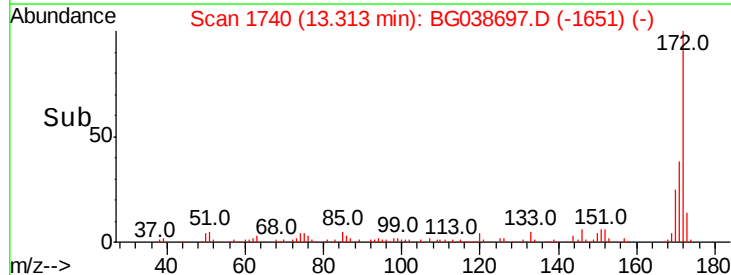
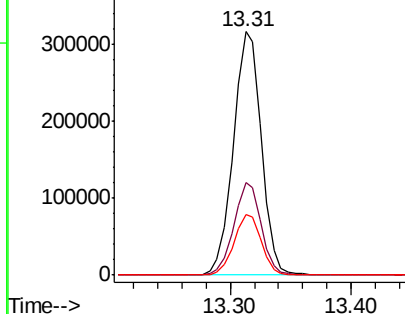


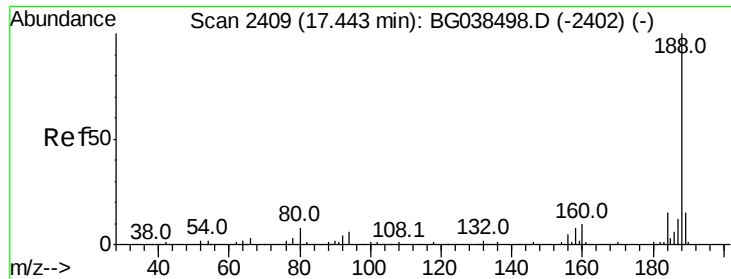
#45
 2-Fluorobiphenyl
 Concen: 95.288 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG038697.D
 Acq: 18 Dec 2018 16:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	29.8	44.6
170	24.7	19.5	29.3



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

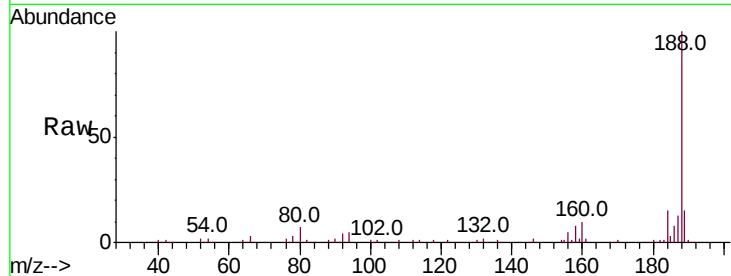




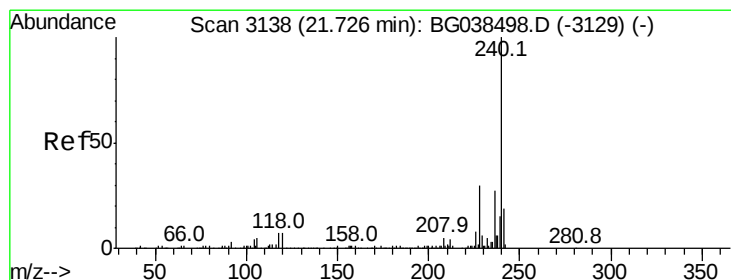
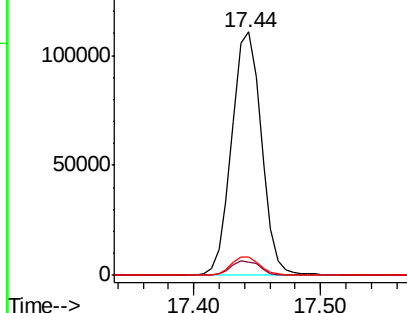
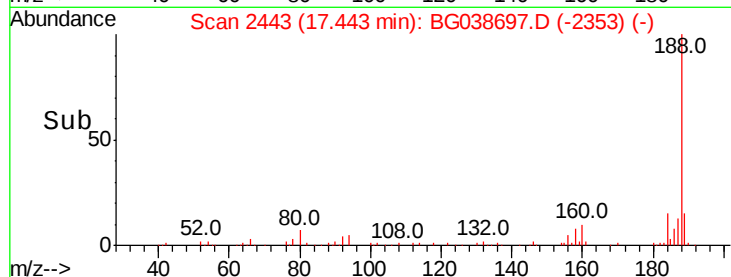
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BG038697.D
Acq: 18 Dec 2018 16:41

Instrument :
BNA_G
ClientSampleId :
PR-MW-03_121218

Tot Ion:188 Resp: 179553
Ion Ratio Lower Upper
188 100
94 5.2 5.1 7.7
80 7.4 6.1 9.1

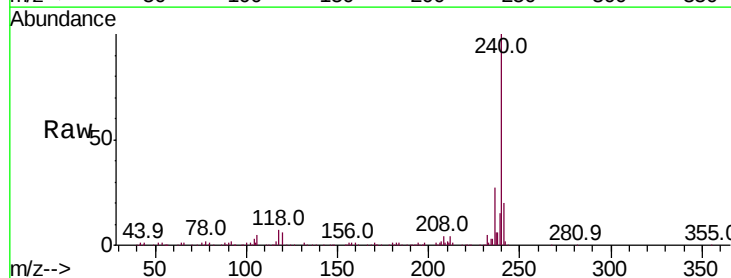


Abundance Ion 188.00 (187.70 to 188.70): E
150000 Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

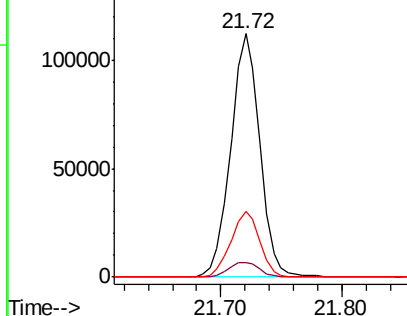
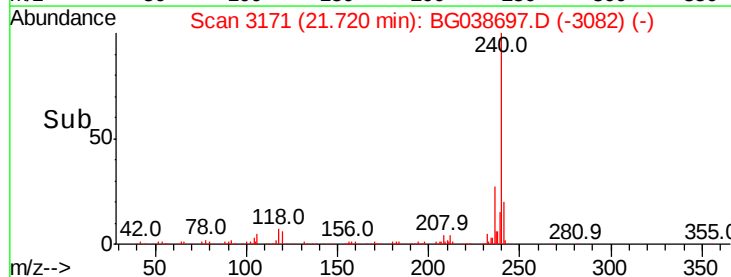


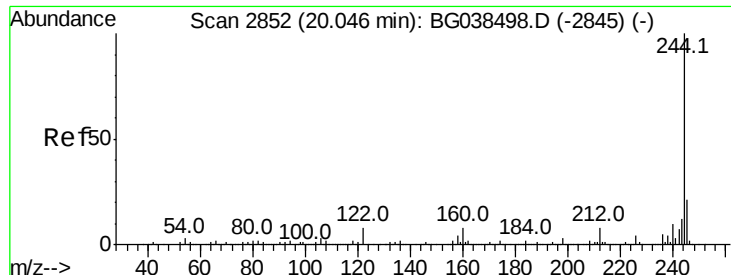
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038697.D
Acq: 18 Dec 2018 16:41

Tgt Ion:240 Resp: 188088
Ion Ratio Lower Upper
240 100
120 6.0 5.3 7.9
236 27.2 21.4 32.2



Abundance Ion 240.00 (239.70 to 240.70): E
150000 Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 105.494 ng

RT: 20.05 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG038697.D

Acq: 18 Dec 2018 16:41

Instrument :

BNA_G

ClientSampleId :

PR-MW-03_121218

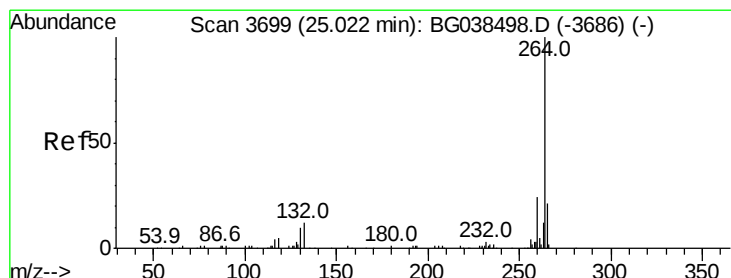
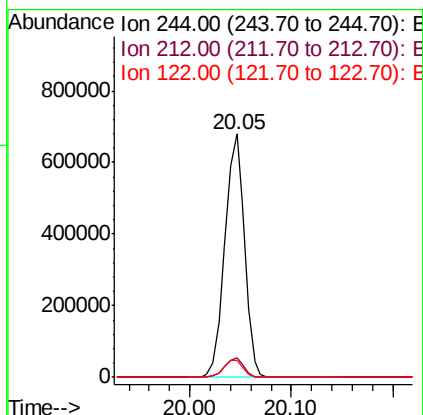
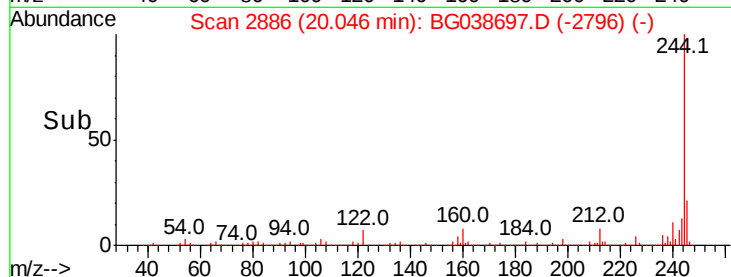
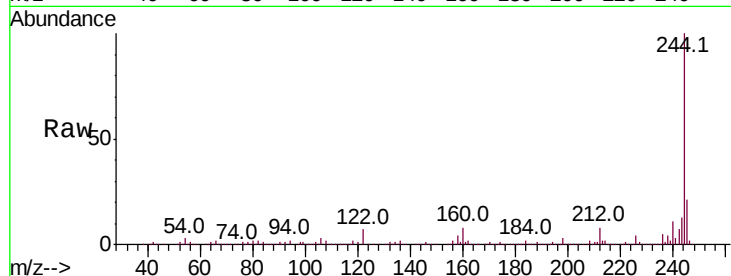
Tot Ion:244 Resp: 911726

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

122 7.1 6.3 9.5



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG038697.D

Acq: 18 Dec 2018 16:41

Tgt Ion:264 Resp: 194138

Ion Ratio Lower Upper

264 100

260 24.7 18.9 28.3

265 22.9 17.0 25.4

