

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121818\
 Data File : BG038696.D
 Acq On : 18 Dec 2018 16:01
 Operator : JU/SJ
 Sample : J6398-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-05_121218

Quant Time: Dec 19 07:16:33 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	8.06	152	21391	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	90158	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	63486	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	170469	20.00	ng	0.00
76) Chrysene-d12	21.72	240	176645	20.00	ng	0.00
87) Perylene-d12	25.01	264	184776	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	78719	65.27	ng	0.00
7) Phenol-d6	7.21	99	67055	40.50	ng	0.00
23) Nitrobenzene-d5	9.23	82	165879	93.99	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	136634	156.16	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	424154	91.65	ng	0.00
79) Terphenyl-d14	20.04	244	823074	101.41	ng	0.00

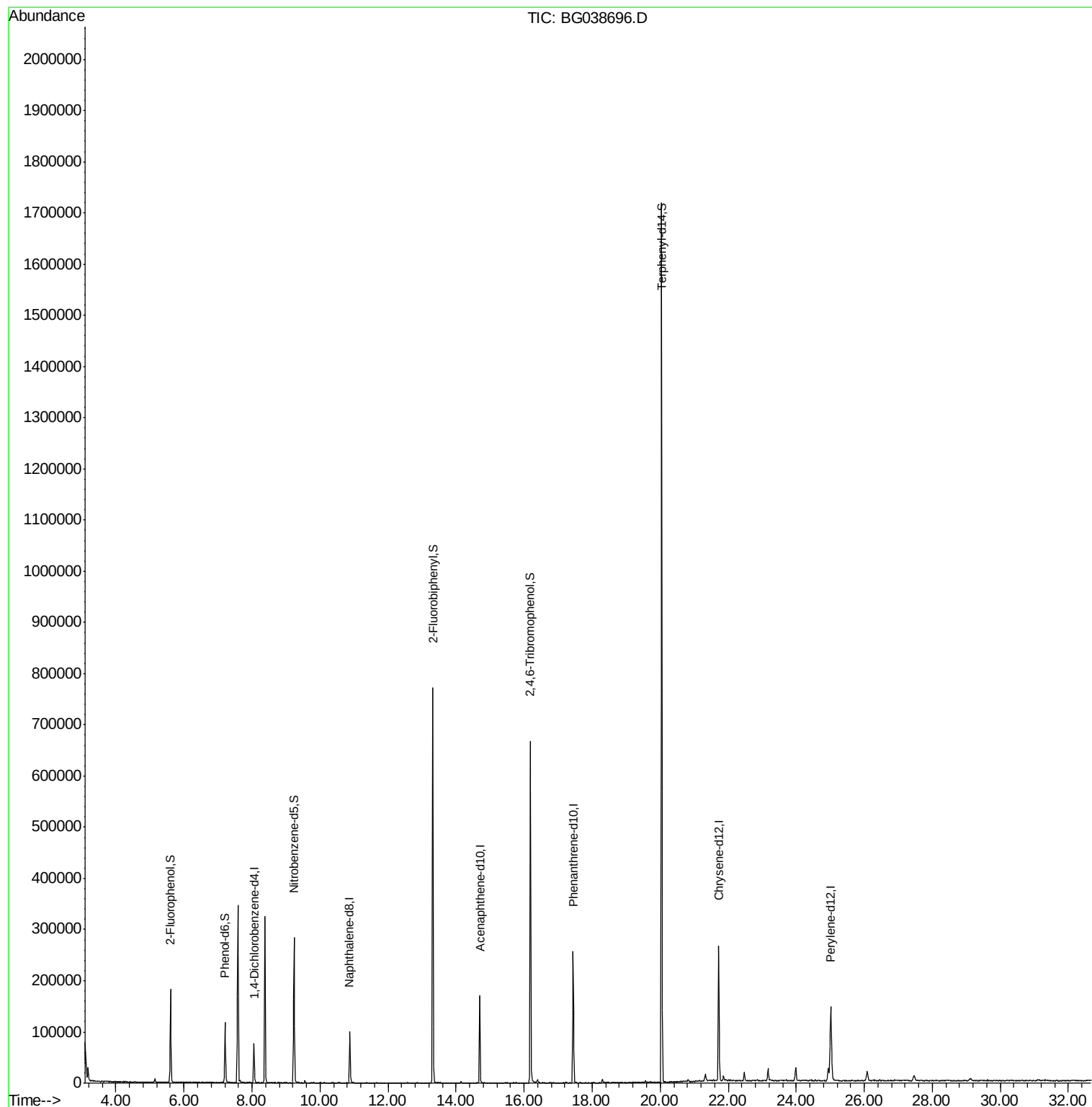
Target Compounds Qvalue

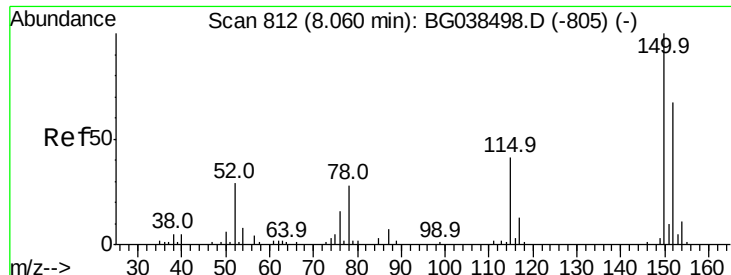
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BG038696.D

Acq: 18 Dec 2018 16:01

Instrument :

BNA_G

ClientSampleId :

PR-MW-05_121218

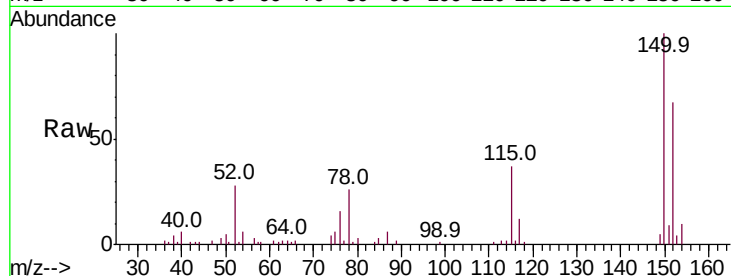
Tot Ion:152 Resp: 21391

Ion Ratio Lower Upper

152 100

150 149.5 119.5 179.3

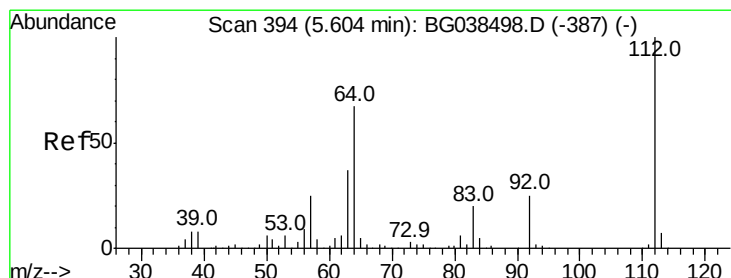
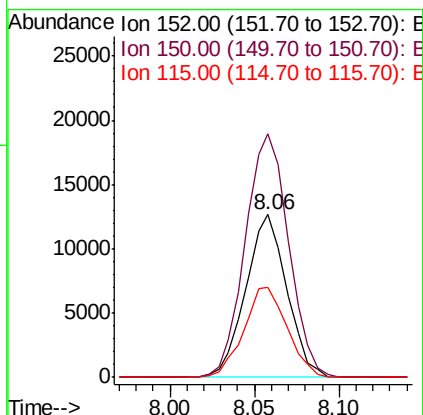
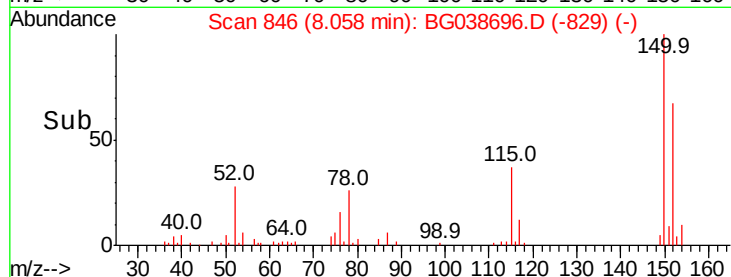
115 55.0 49.6 74.4



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: 65.270 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG038696.D

Acq: 18 Dec 2018 16:01

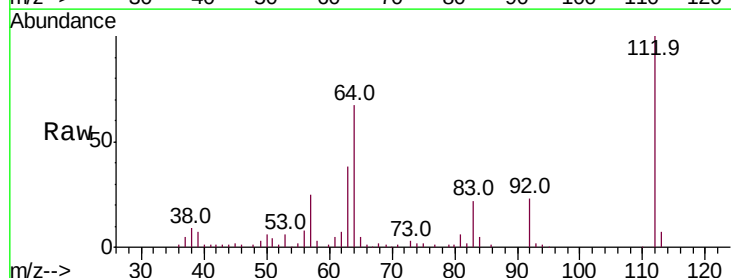
Tgt Ion:112 Resp: 78719

Ion Ratio Lower Upper

112 100

64 66.8 53.4 80.2

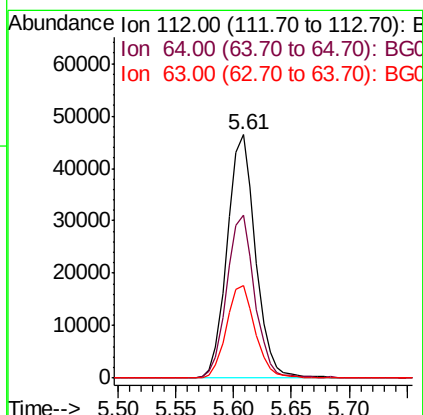
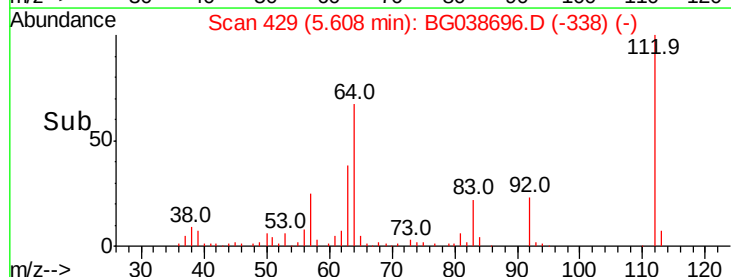
63 38.1 29.3 43.9

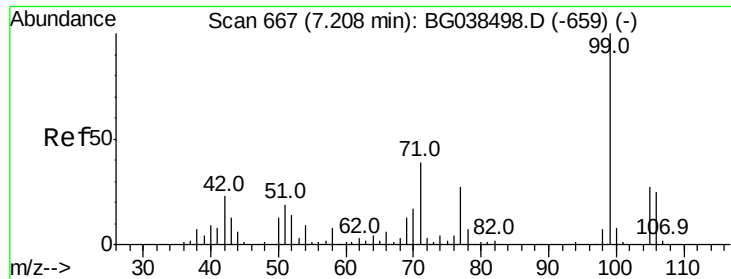


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 40.500 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038696.D

Acq: 18 Dec 2018 16:01

Instrument :

BNA_G

ClientSampleId :

PR-MW-05_121218

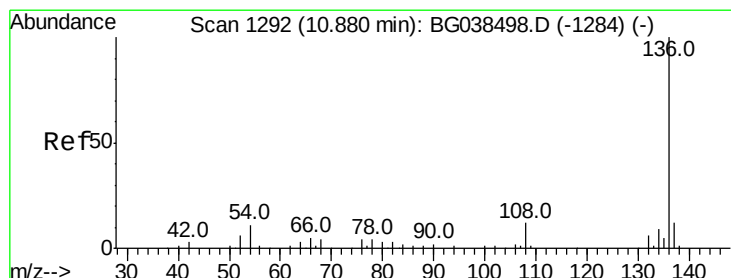
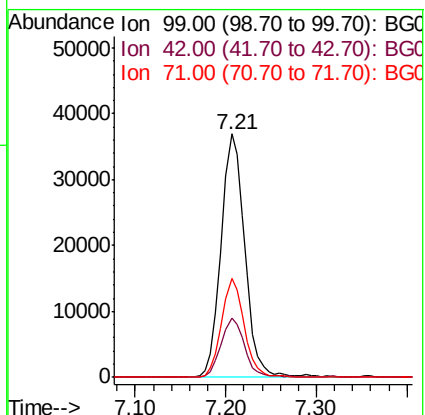
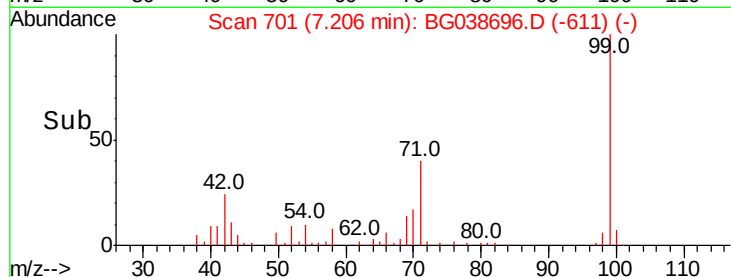
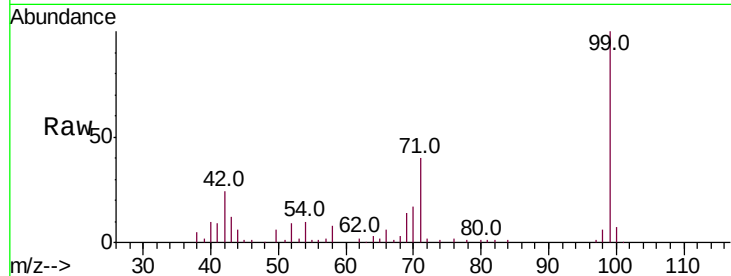
Tot Ion: 99 Resp: 67055

Ion Ratio Lower Upper

99 100

42 24.3 18.5 27.7

71 40.4 31.1 46.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BG038696.D

Acq: 18 Dec 2018 16:01

Tgt Ion: 136 Resp: 90158

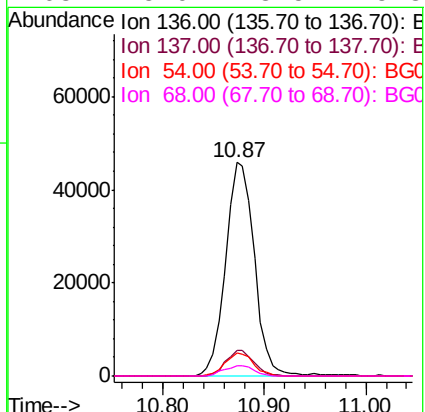
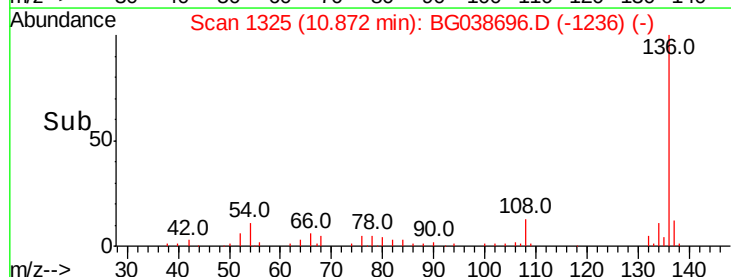
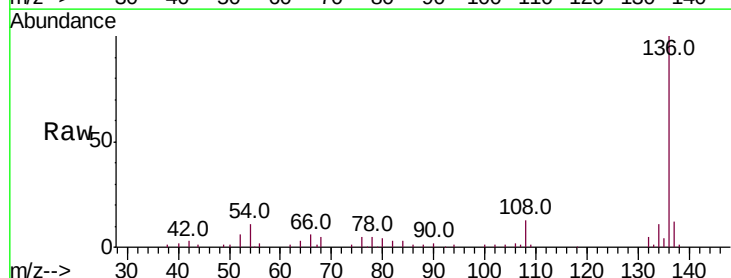
Ion Ratio Lower Upper

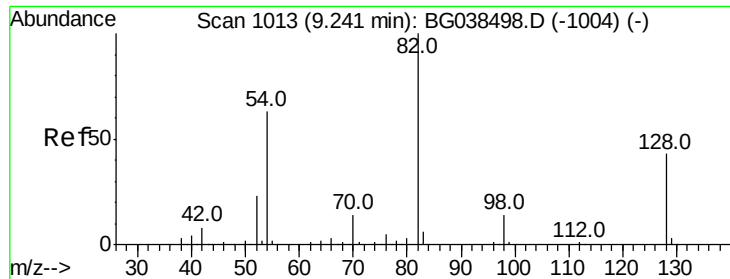
136 100

137 12.0 9.3 13.9

54 10.8 8.5 12.7

68 5.0 3.5 5.3





#23

Nitrobenzene-d5

Concen: 93.994 ng

RT: 9.23 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BG038696.D

Acq: 18 Dec 2018 16:01

Instrument :

BNA_G

ClientSampleId :

PR-MW-05_121218

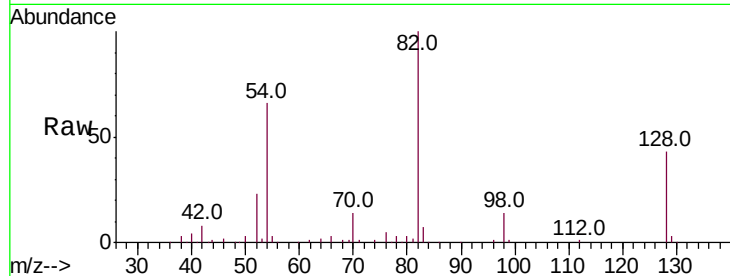
Tot Ion: 82 Resp: 165879

Ion Ratio Lower Upper

82 100

128 42.6 34.6 52.0

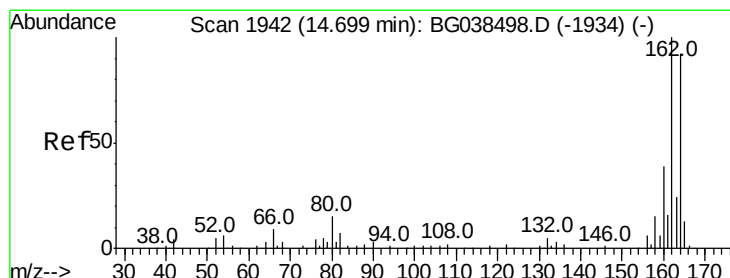
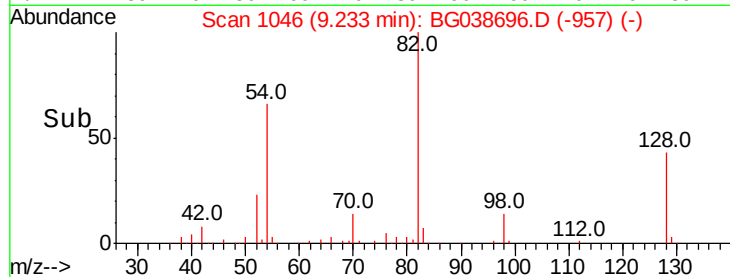
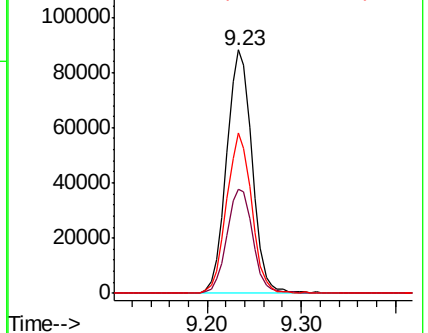
54 66.1 50.6 76.0



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG038696.D

Acq: 18 Dec 2018 16:01

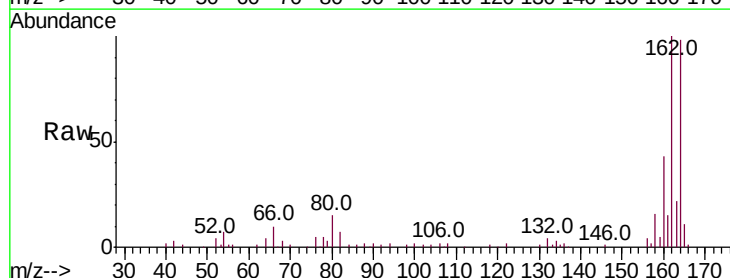
Tgt Ion: 164 Resp: 63486

Ion Ratio Lower Upper

164 100

162 102.3 86.6 130.0

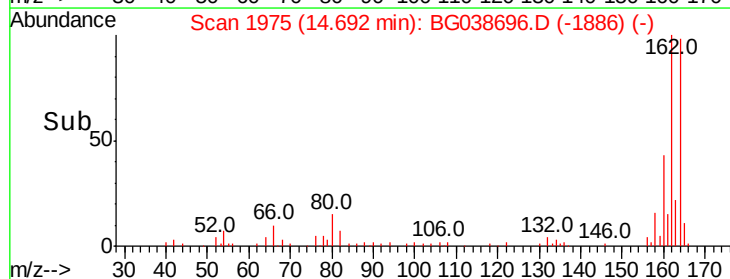
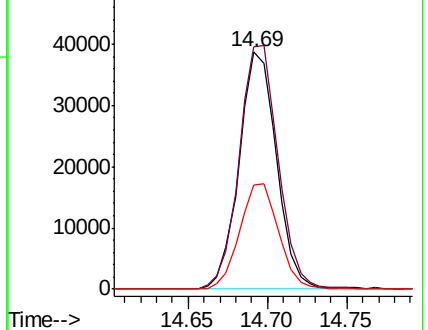
160 43.9 34.2 51.2

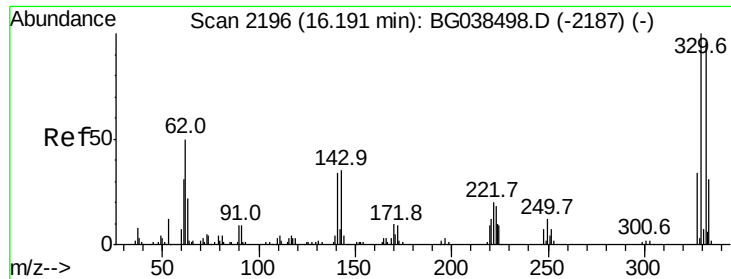


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

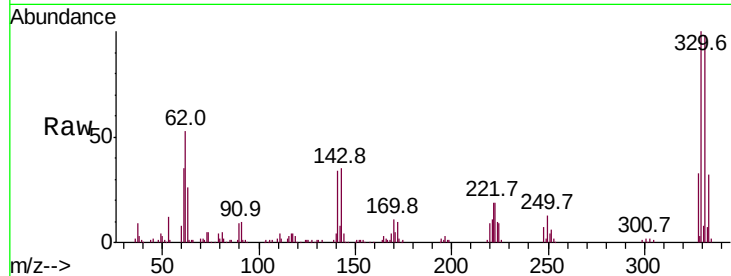




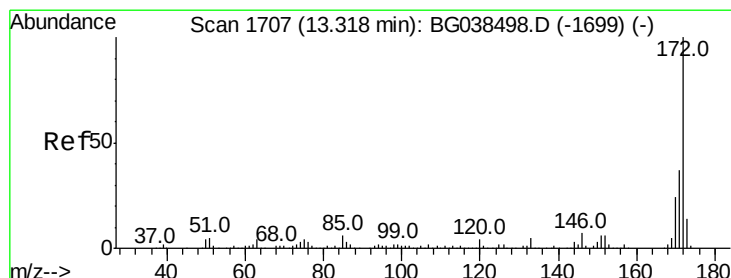
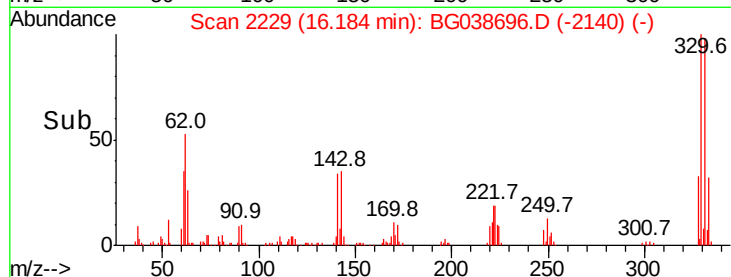
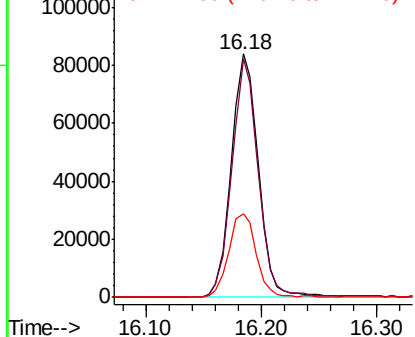
#42
 2,4,6-Tribromophenol
 Concen: 156.162 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BG038696.D
 Acq: 18 Dec 2018 16:01

Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-05_121218

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.9	115.3
141	35.3	28.8	43.2

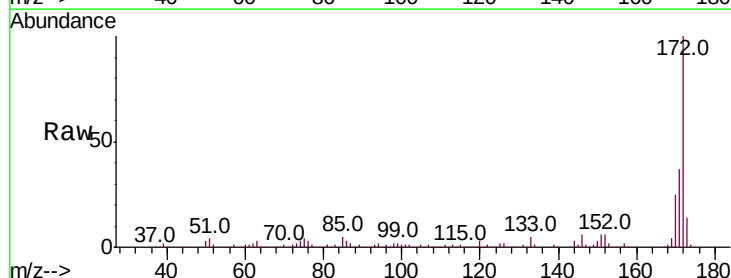


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

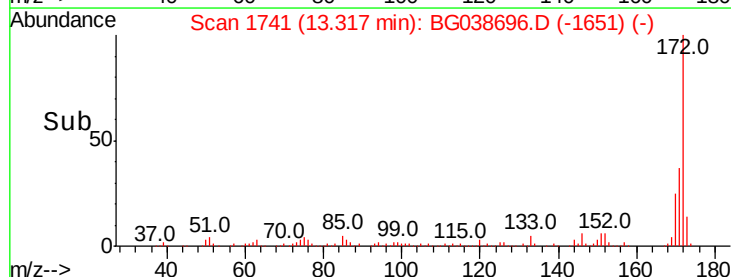
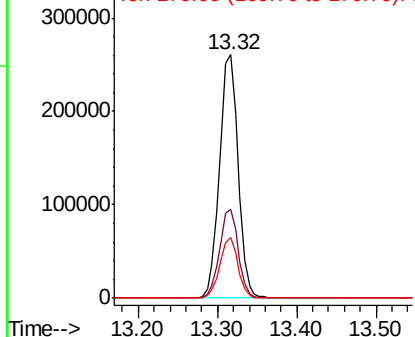


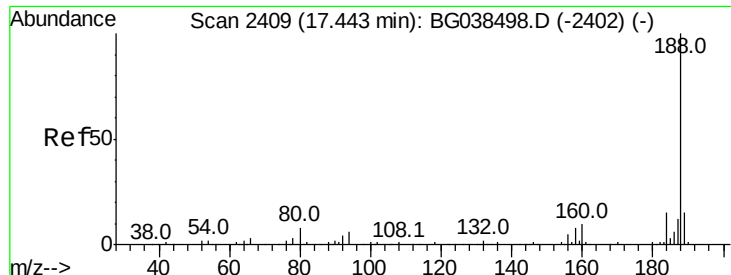
#45
 2-Fluorobiphenyl
 Concen: 91.654 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG038696.D
 Acq: 18 Dec 2018 16:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.8	44.6
170	25.1	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

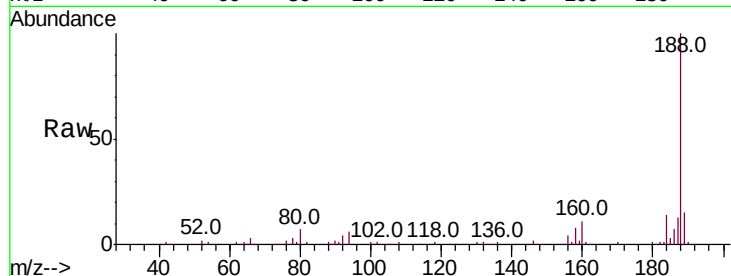




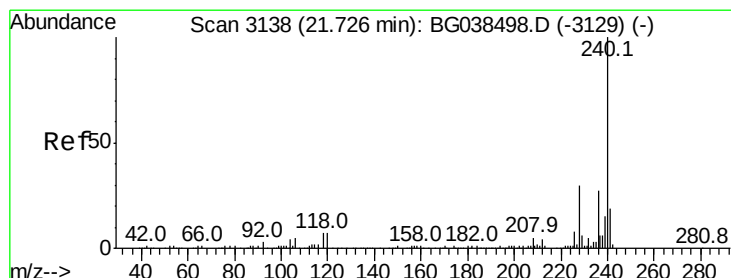
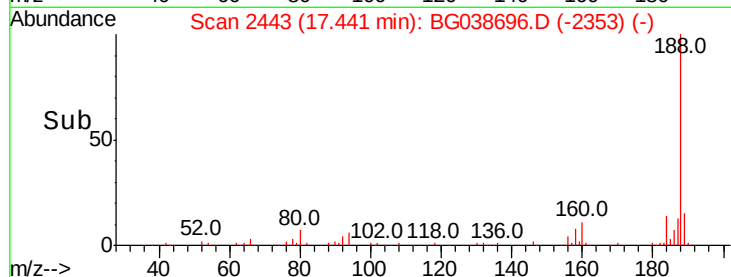
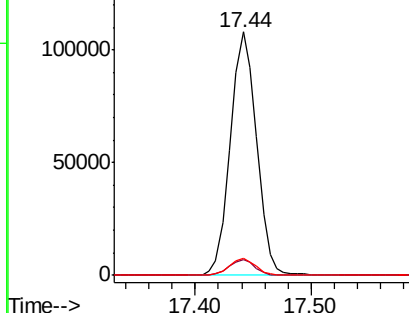
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038696.D
Acq: 18 Dec 2018 16:01

Instrument :
BNA_G
ClientSampleId :
PR-MW-05_121218

Tot Ion	Ratio	Lower	Upper
188	100		
94	6.5	5.1	7.7
80	7.2	6.1	9.1

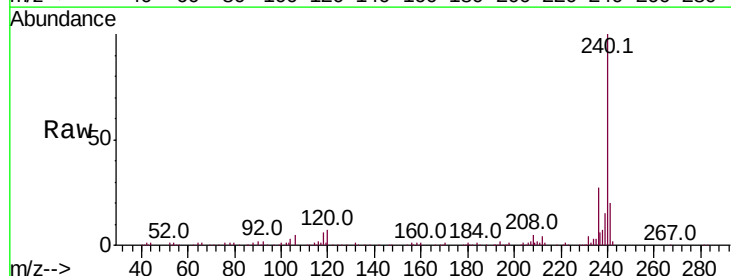


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

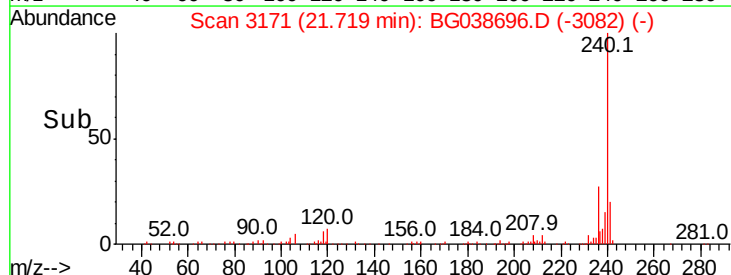
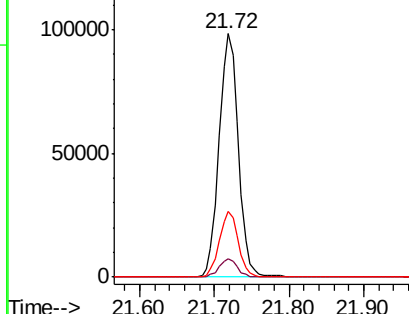


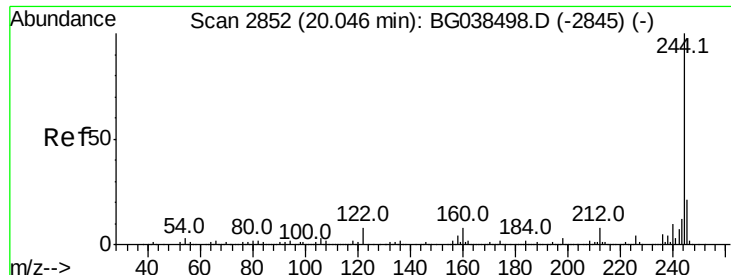
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038696.D
Acq: 18 Dec 2018 16:01

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.3	5.3	7.9
236	27.1	21.4	32.2



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





#79

Terphenyl-d14

Concen: 101.406 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038696.D

Acq: 18 Dec 2018 16:01

Instrument :

BNA_G

ClientSampleId :

PR-MW-05_121218

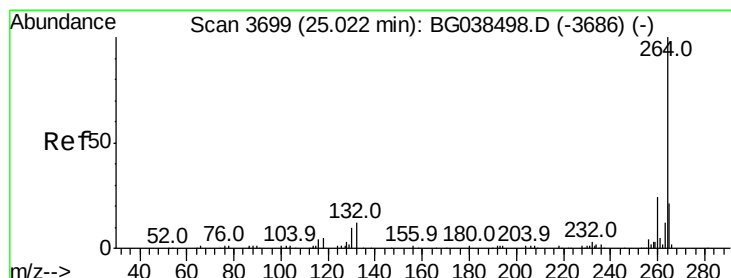
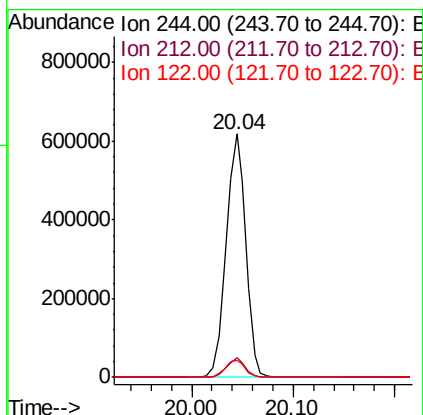
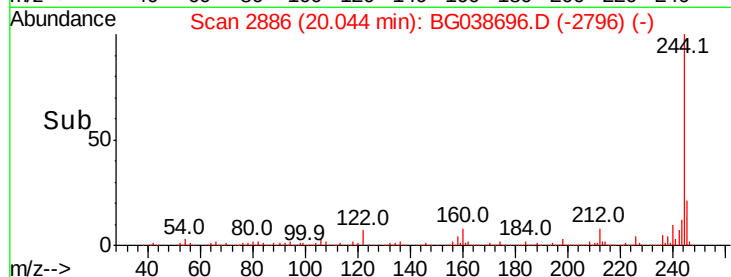
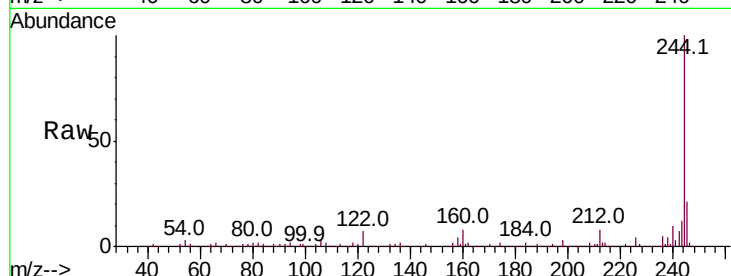
Tot Ion:244 Resp: 823074

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

122 7.2 6.3 9.5



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.01 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG038696.D

Acq: 18 Dec 2018 16:01

Tgt Ion:264 Resp: 184776

Ion Ratio Lower Upper

264 100

260 23.8 18.9 28.3

265 20.8 17.0 25.4

