

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121818\
 Data File : BG038719.D
 Acq On : 19 Dec 2018 8:29
 Operator : JU/SJ
 Sample : J6398-06
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-01_121218

Quant Time: Dec 19 10:21:07 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

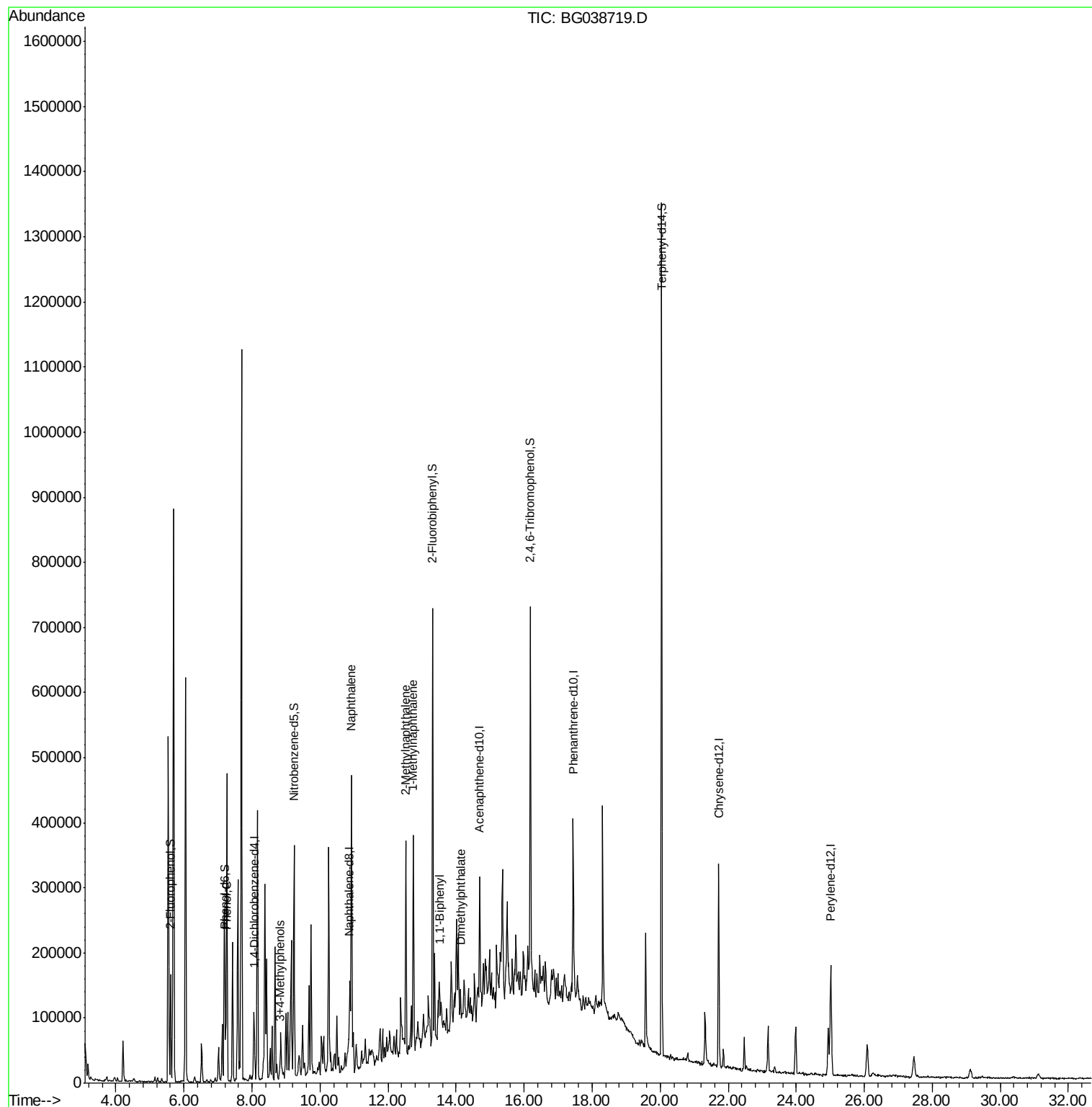
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	26486	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	102726	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	67831	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	170232	20.00	ng	0.00
76) Chrysene-d12	21.72	240	190586	20.00	ng	0.00
87) Perylene-d12	25.02	264	201451	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	74058	49.59	ng	0.00
7) Phenol-d6	7.21	99	61320	29.91	ng	0.00
23) Nitrobenzene-d5	9.23	82	140576	69.91	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	120565	128.97	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	351963	71.18	ng	0.00
79) Terphenyl-d14	20.05	244	657165	75.04	ng	0.00
Target Compounds						
10) Phenol	7.24	94	16311	7.489	ng	Qvalue 97
20) 3+4-Methylphenols	8.82	107	6135	3.044	ng	95
31) Naphthalene	10.93	128	361886	71.499	ng	100
37) 2-Methylnaphthalene	12.52	142	148711	41.184	ng	98
38) 1-Methylnaphthalene	12.74	142	144789	41.322	ng	93
46) 1,1'-Biphenyl	13.53	154	11941	2.100	ng	96
50) Dimethylphthalate	14.14	163	18916	3.415	ng	# 94

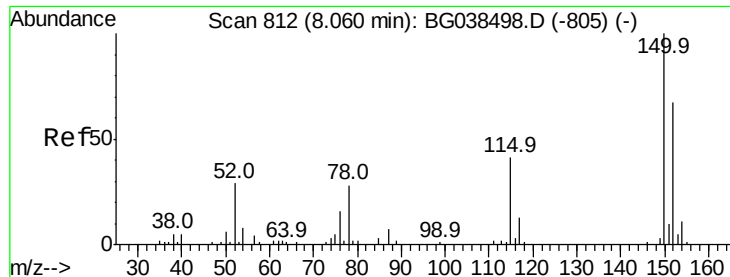
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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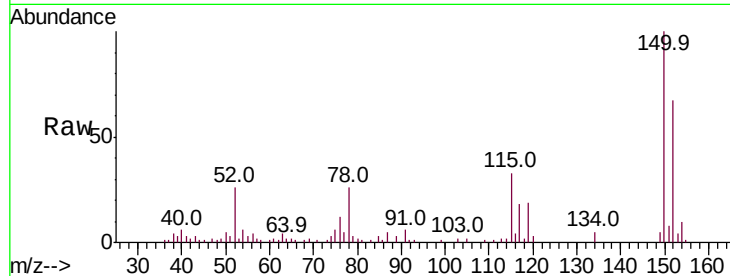


#1

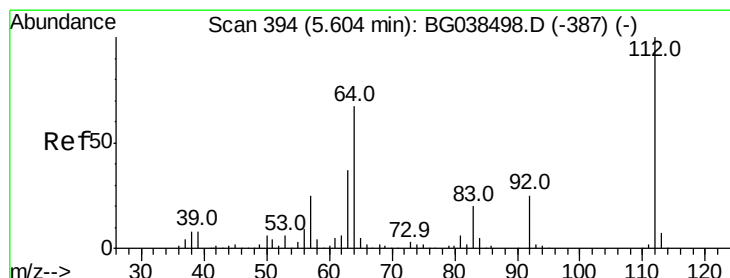
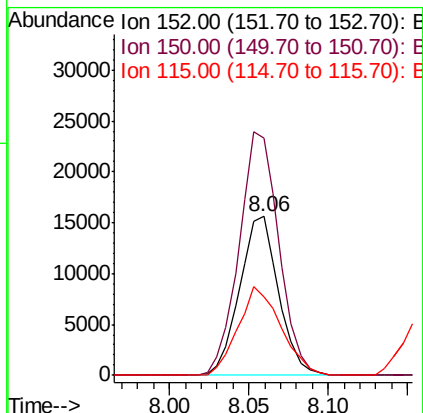
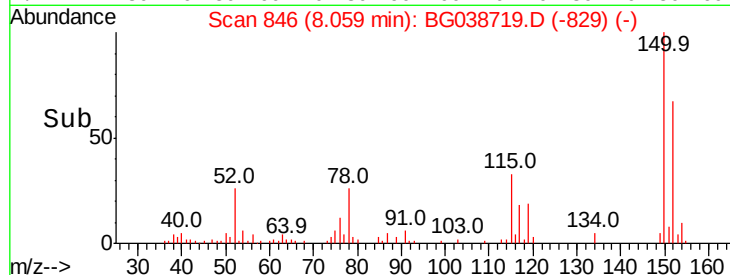
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BG038719.D
 Acq: 19 Dec 2018 8:29

Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-01_121218

Tot Ion:152 Resp: 26486
 Ion Ratio Lower Upper
 152 100
 150 149.2 119.5 179.3
 115 49.2 49.6 74.4#



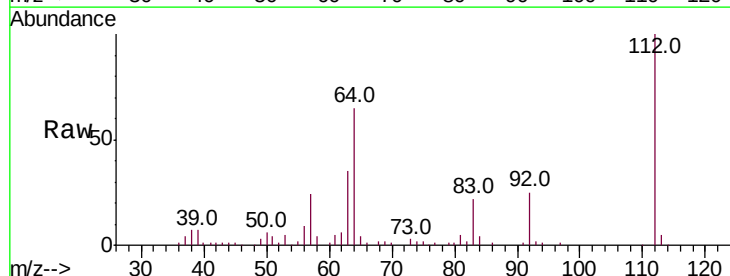
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



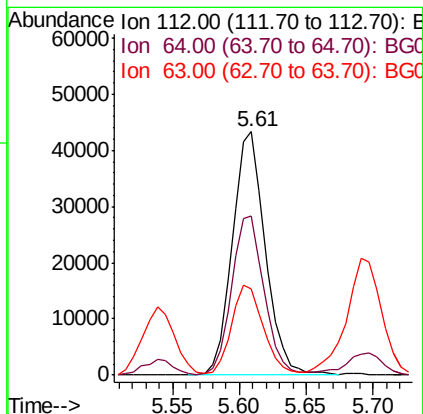
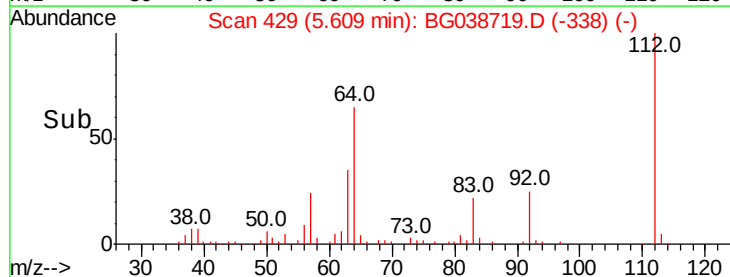
#5

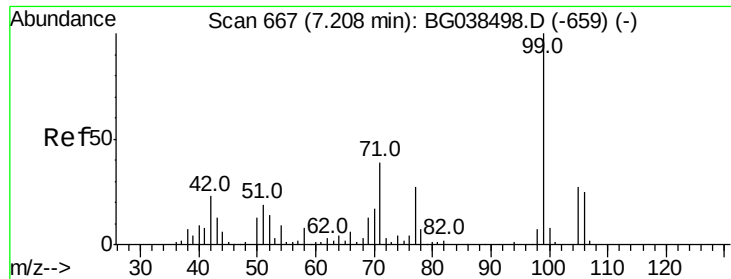
2-Fluorophenol
 Concen: 49.593 ng
 RT: 5.61 min Scan# 429
 Delta R.T. 0.01 min
 Lab File: BG038719.D
 Acq: 19 Dec 2018 8:29

Tgt Ion:112 Resp: 74058
 Ion Ratio Lower Upper
 112 100
 64 65.1 53.4 80.2
 63 35.2 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: 29.912 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038719.D

Acq: 19 Dec 2018 8:29

Instrument :

BNA_G

ClientSampleId :

PR-MW-01_121218

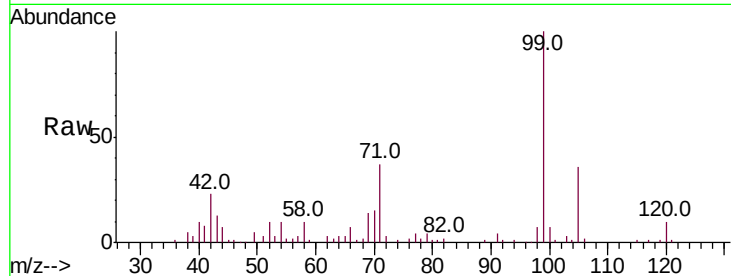
Tot Ion: 99 Resp: 61320

Ion Ratio Lower Upper

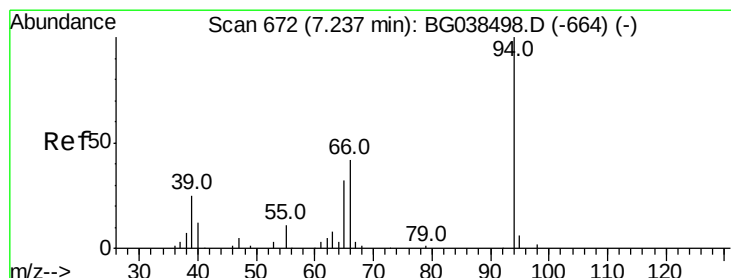
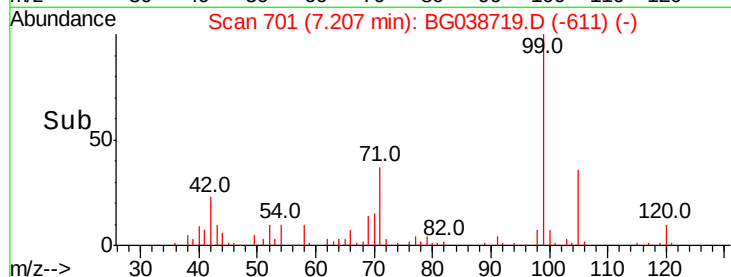
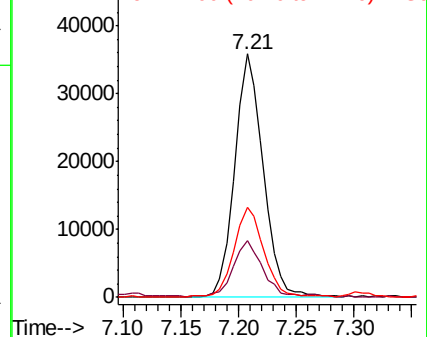
99 100

42 23.5 18.5 27.7

71 37.1 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



#10

Phenol

Concen: 7.489 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG038719.D

Acq: 19 Dec 2018 8:29

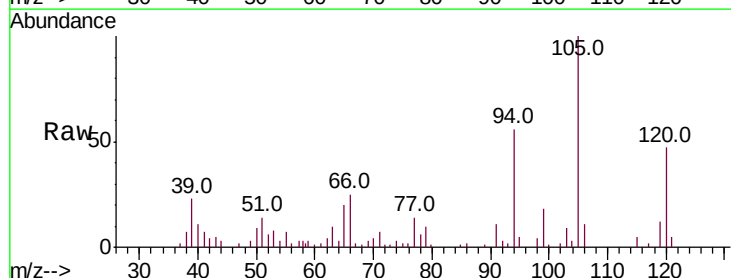
Tgt Ion: 94 Resp: 16311

Ion Ratio Lower Upper

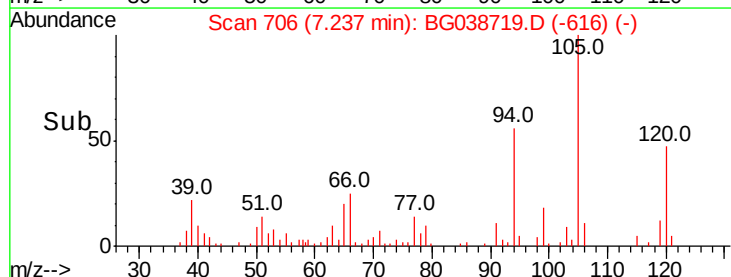
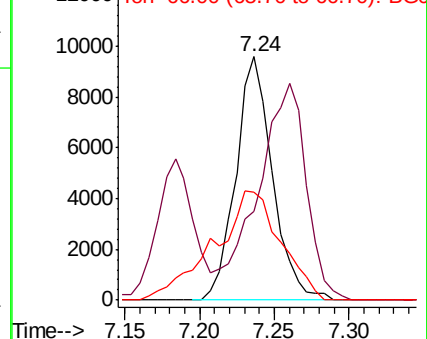
94 100

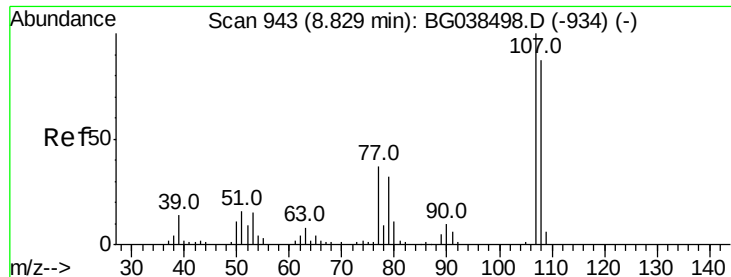
65 36.3 12.6 52.6

66 44.3 24.1 64.1



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: 3.044 ng

RT: 8.82 min Scan# 975

Delta R.T. -0.01 min

Lab File: BG038719.D

Acq: 19 Dec 2018 8:29

Instrument :

BNA_G

ClientSampleId :

PR-MW-01_121218

Tot Ion:107 Resp: 6135

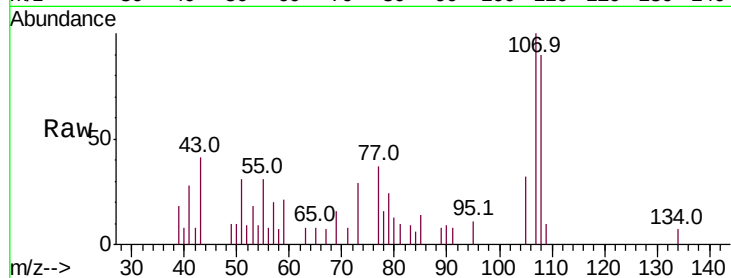
Ion Ratio Lower Upper

107 100

108 89.9 66.7 106.7

77 36.8 17.3 57.3

79 24.0 12.3 52.3

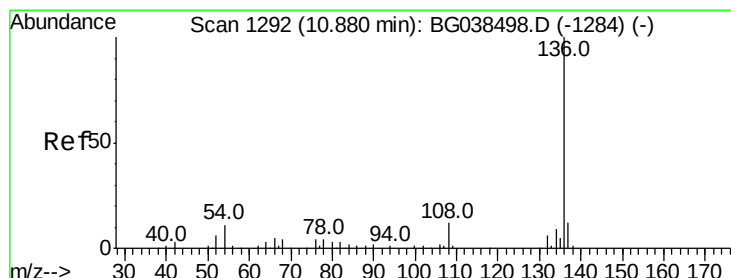
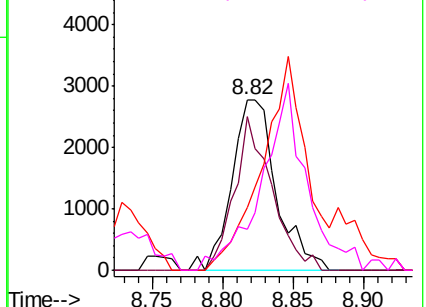
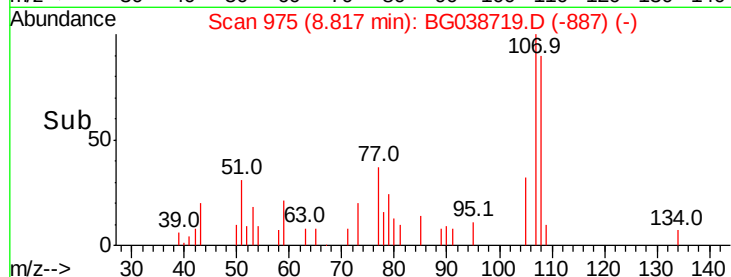


Abundance Ion 107.00 (106.70 to 107.70): E

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: 10.87 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BG038719.D

Acq: 19 Dec 2018 8:29

Tgt Ion:136 Resp: 102726

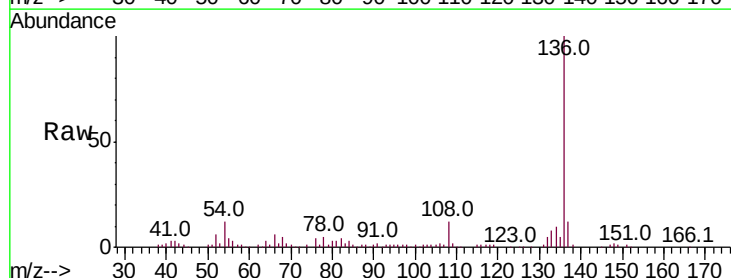
Ion Ratio Lower Upper

136 100

137 12.3 9.3 13.9

54 12.0 8.5 12.7

68 4.8 3.5 5.3

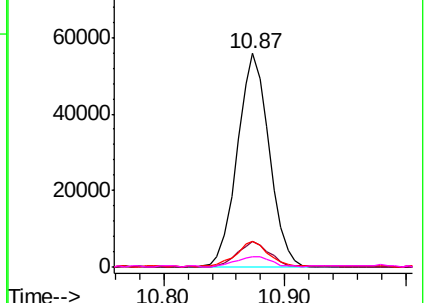
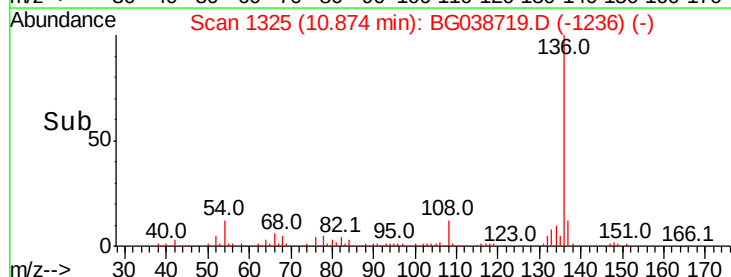


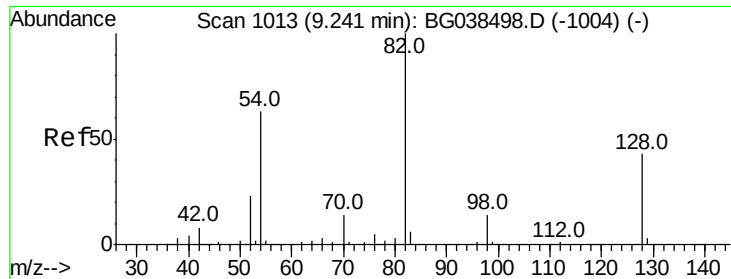
Abundance Ion 136.00 (135.70 to 136.70): E

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: 69.910 ng

RT: 9.23 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BG038719.D

Acq: 19 Dec 2018 8:29

Instrument :

BNA_G

ClientSampleId :

PR-MW-01_121218

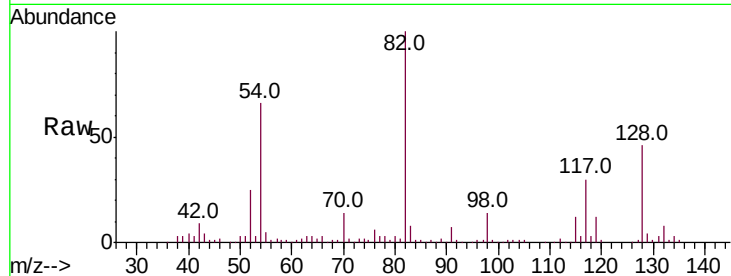
Tot Ion: 82 Resp: 140576

Ion Ratio Lower Upper

82 100

128 45.6 34.6 52.0

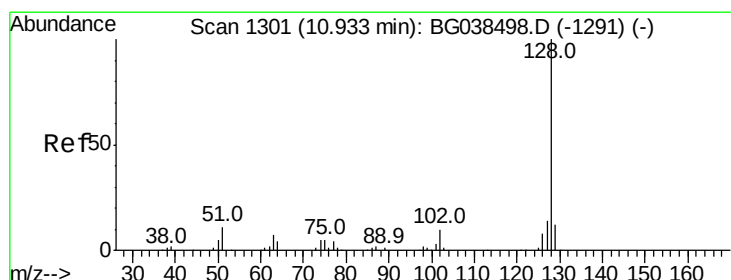
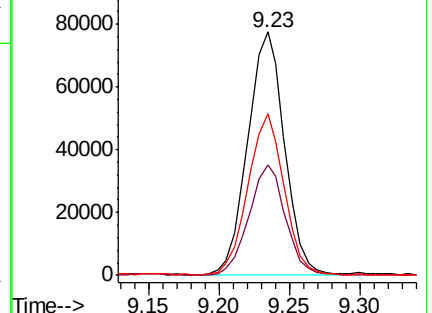
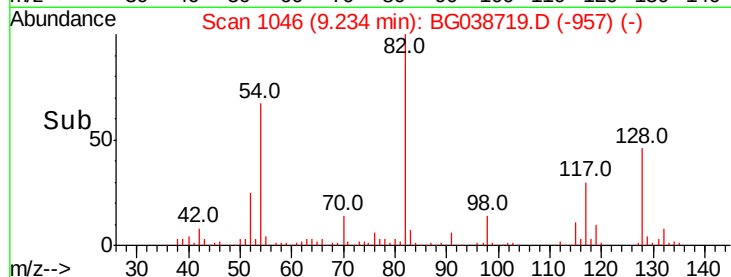
54 66.4 50.6 76.0



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



#31

Naphthalene

Concen: 71.499 ng

RT: 10.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BG038719.D

Acq: 19 Dec 2018 8:29

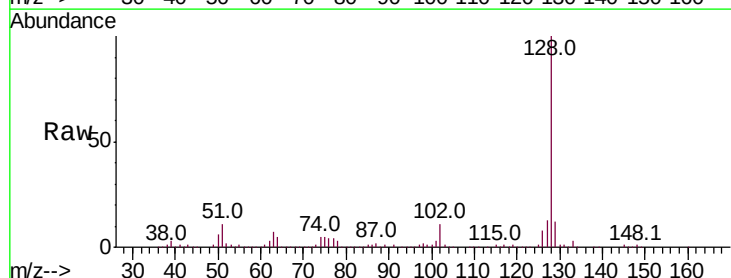
Tgt Ion:128 Resp: 361886

Ion Ratio Lower Upper

128 100

129 11.6 9.5 14.3

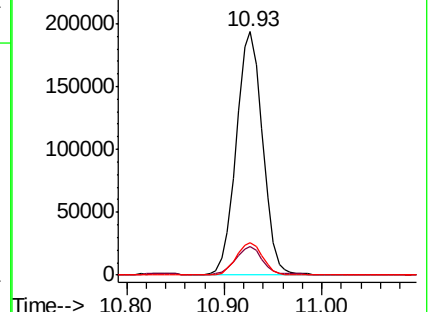
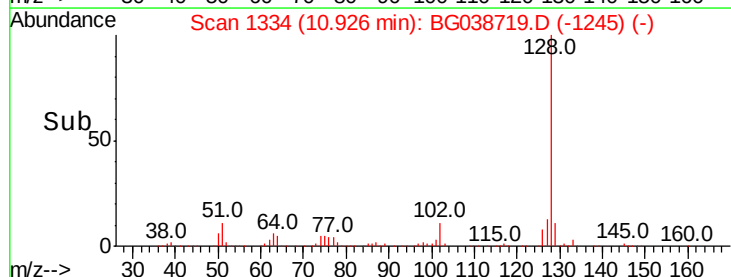
127 13.5 10.9 16.3

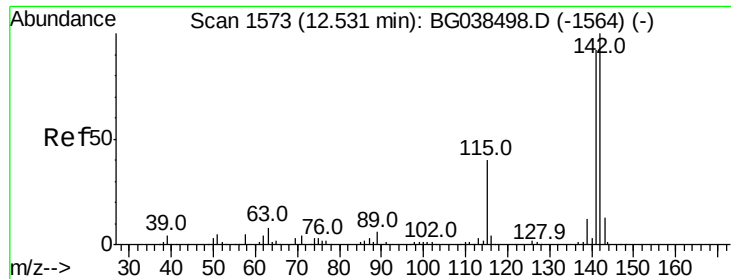


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 129.00 (128.70 to 129.70): BGC

Ion 127.00 (126.70 to 127.70): BGC

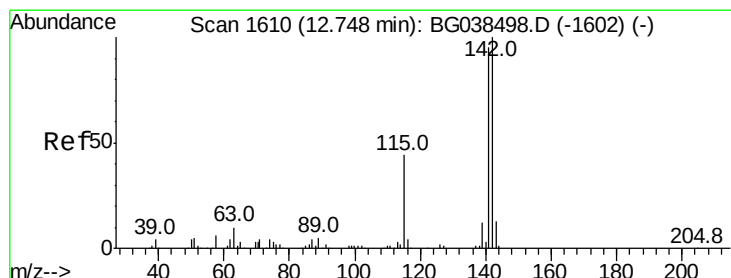
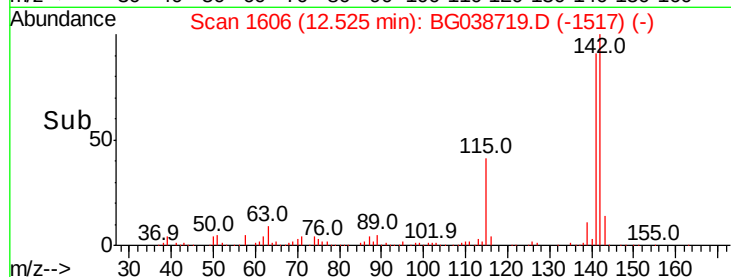
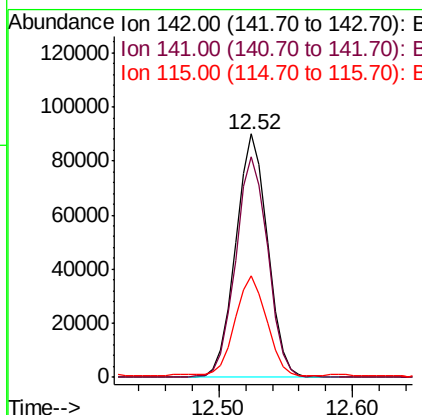
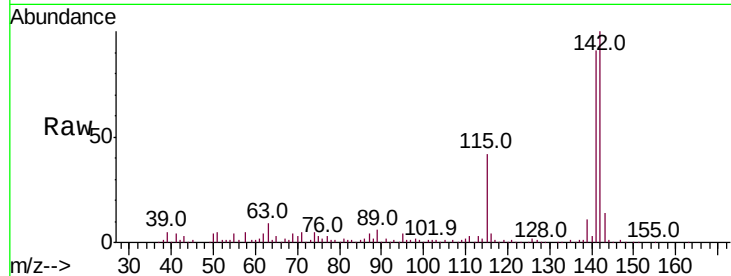




#37
2-Methylnaphthalene
Concen: 41.184 ng
RT: 12.52 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BG038719.D
Acq: 19 Dec 2018 8:29

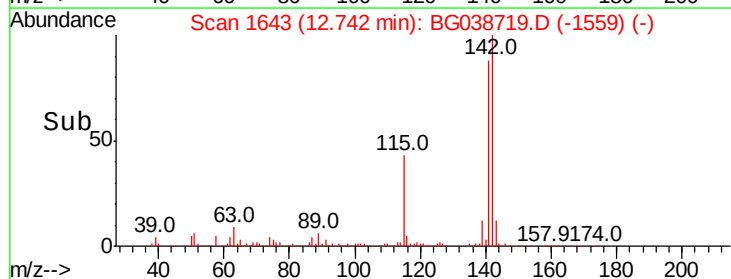
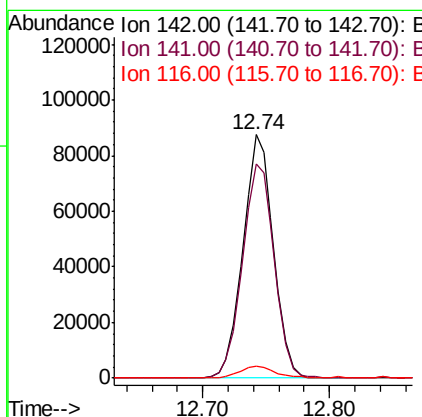
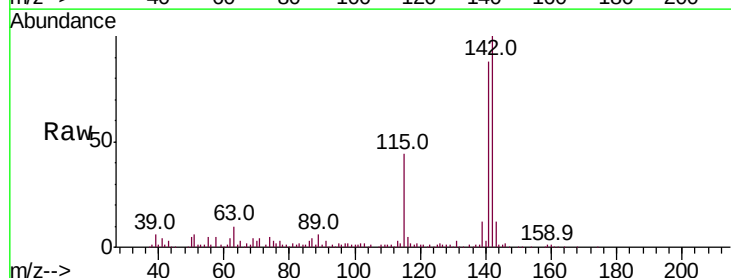
Instrument :
BNA_G
ClientSampleId :
PR-MW-01_121218

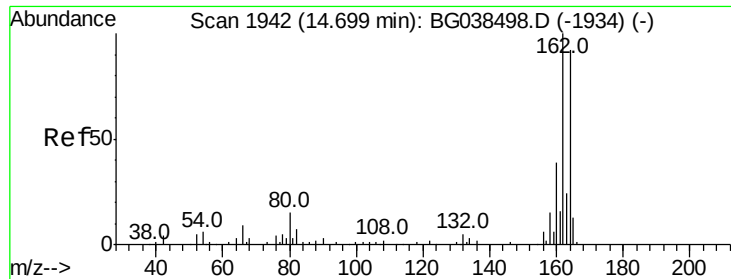
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.8	73.5	110.3
115	41.9	31.7	47.5



#38
1-Methylnaphthalene
Concen: 41.322 ng
RT: 12.74 min Scan# 1643
Delta R.T. -0.01 min
Lab File: BG038719.D
Acq: 19 Dec 2018 8:29

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.1	75.8	113.8
116	4.9	3.6	5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG038719.D

Acq: 19 Dec 2018 8:29

Instrument :

BNA_G

ClientSampleId :

PR-MW-01_121218

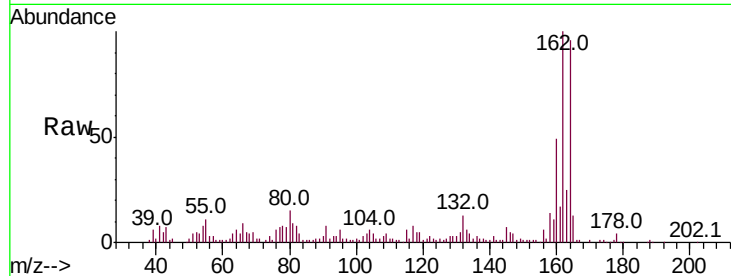
Tot Ion:164 Resp: 67831

Ion Ratio Lower Upper

164 100

162 104.6 86.6 130.0

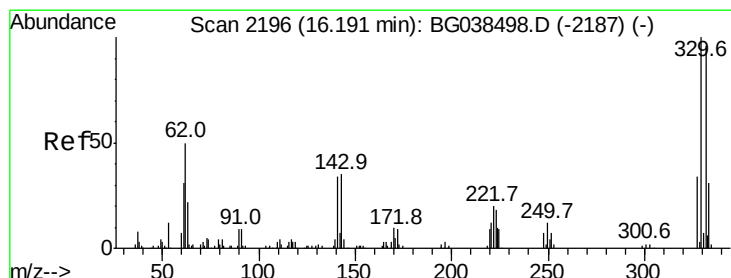
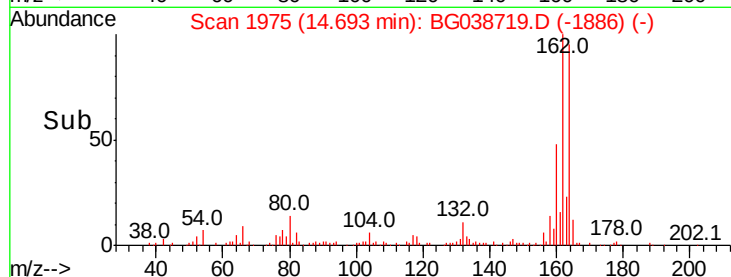
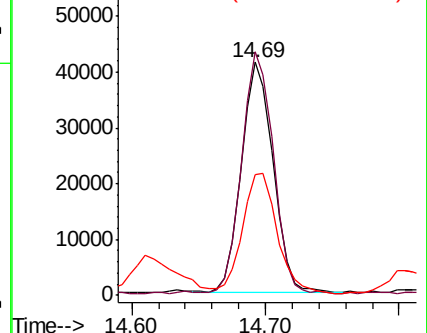
160 51.6 34.2 51.2#



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



#42

2,4,6-Tribromophenol

Concen: 128.970 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038719.D

Acq: 19 Dec 2018 8:29

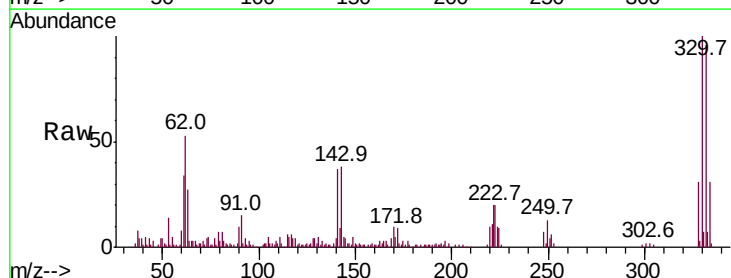
Tgt Ion:330 Resp: 120565

Ion Ratio Lower Upper

330 100

332 94.0 76.9 115.3

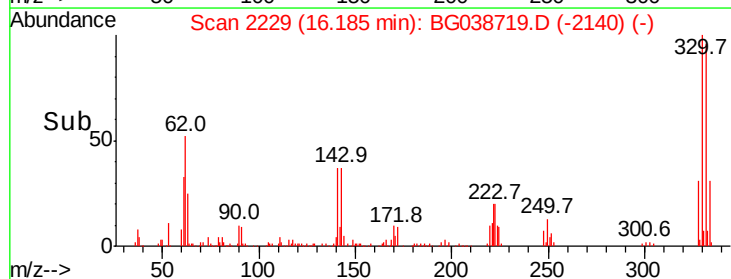
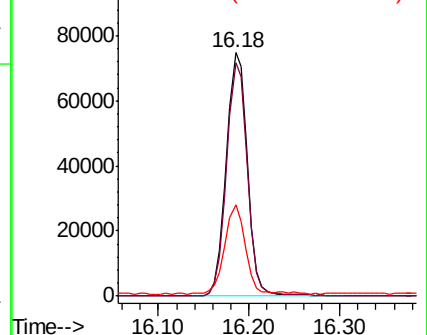
141 35.4 28.8 43.2

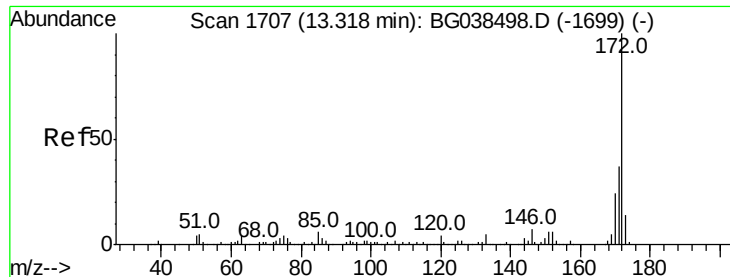


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

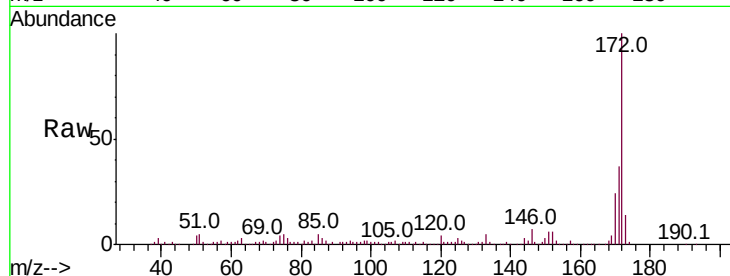




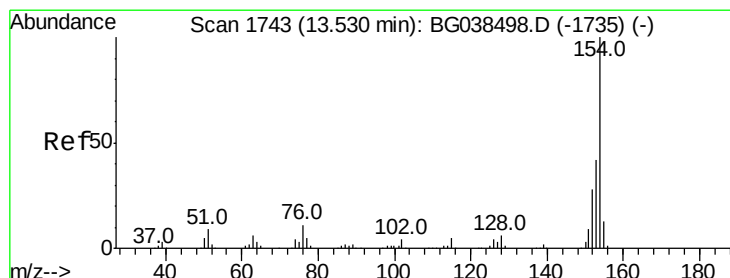
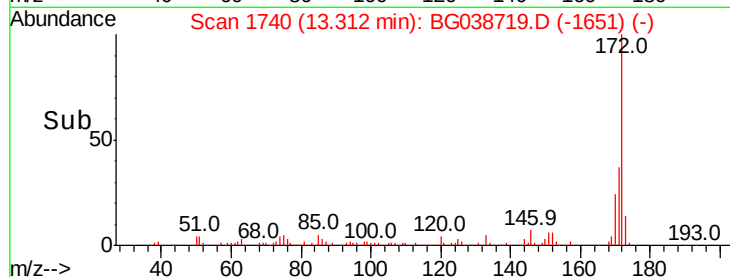
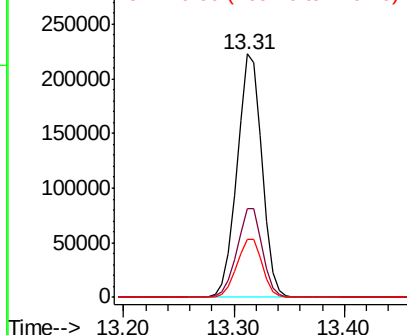
#45
2-Fluorobiphenyl
Concen: 71.183 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG038719.D
Acq: 19 Dec 2018 8:29

Instrument :
BNA_G
ClientSampleId :
PR-MW-01_121218

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.8	44.6
170	24.0	19.5	29.3

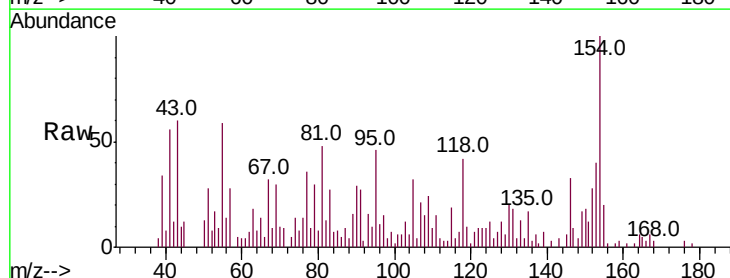


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

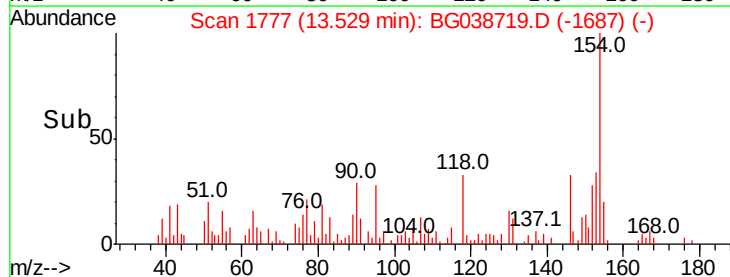
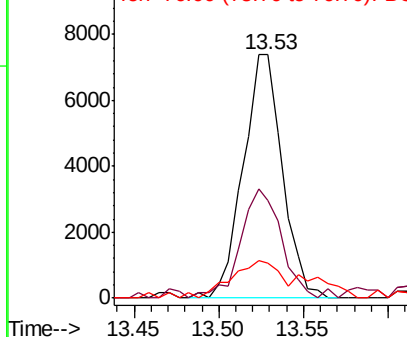


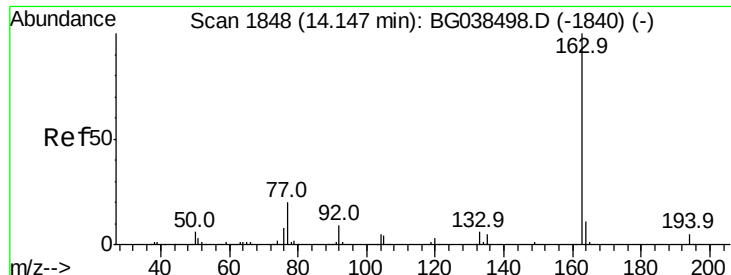
#46
1,1'-Biphenyl
Concen: 2.100 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BG038719.D
Acq: 19 Dec 2018 8:29

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.0	22.1	62.1
76	14.3	0.0	31.2



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





#50

Dimethylphthalate

Concen: 3.415 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BG038719.D

Acq: 19 Dec 2018 8:29

Instrument :

BNA_G

ClientSampleId :

PR-MW-01_121218

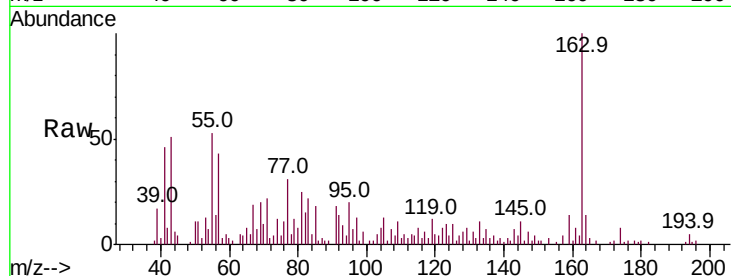
Tot Ion:163 Resp: 18916

Ion Ratio Lower Upper

163 100

194 4.6 3.7 5.5

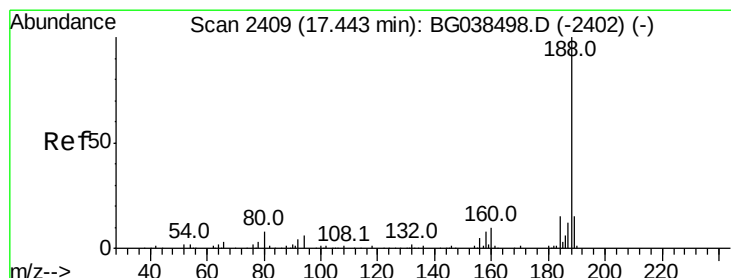
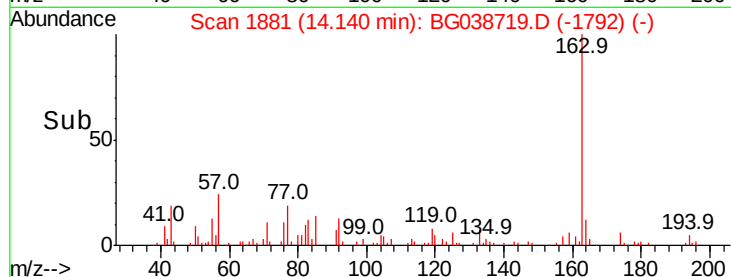
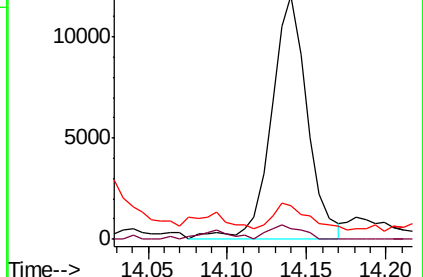
164 14.0 8.6 12.8#



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BG038719.D

Acq: 19 Dec 2018 8:29

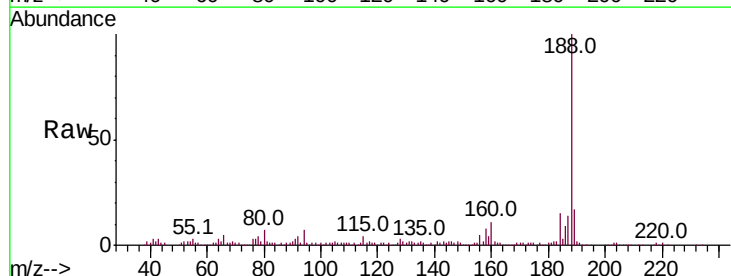
Tgt Ion:188 Resp: 170232

Ion Ratio Lower Upper

188 100

94 6.5 5.1 7.7

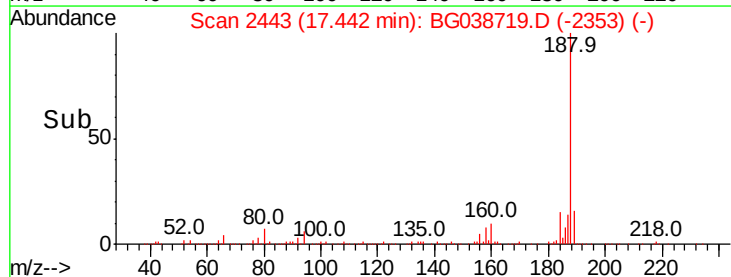
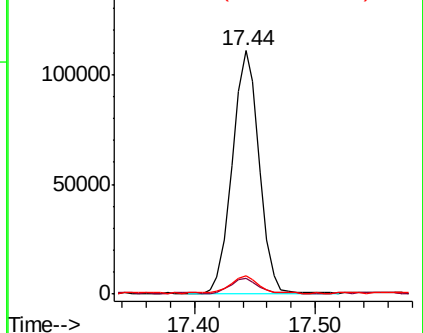
80 7.3 6.1 9.1

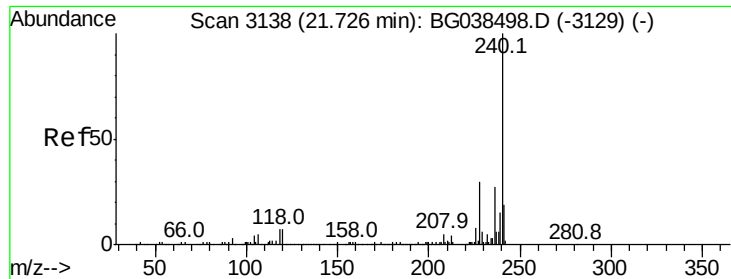


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.72 min Scan# 3171

Delta R.T. -0.01 min

Lab File: BG038719.D

Acq: 19 Dec 2018 8:29

Instrument :

BNA_G

ClientSampleId :

PR-MW-01_121218

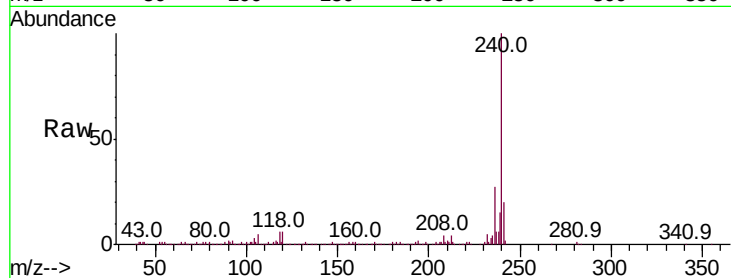
Tot Ion:240 Resp: 190586

Ion Ratio Lower Upper

240 100

120 6.2 5.3 7.9

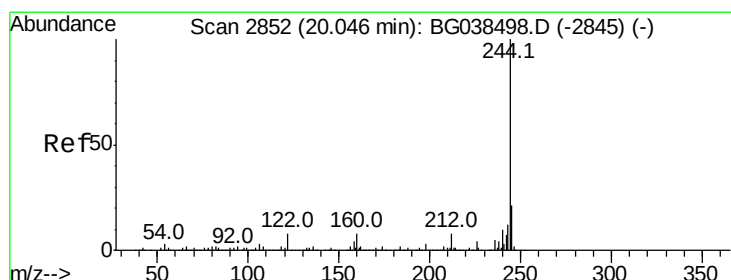
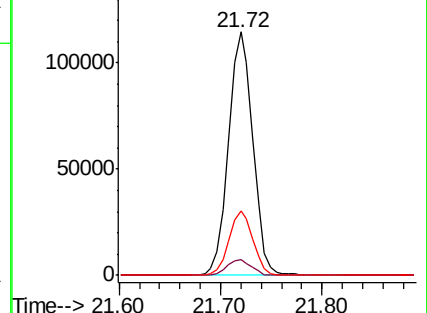
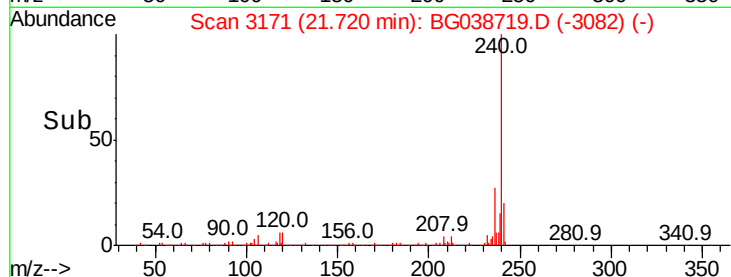
236 26.7 21.4 32.2



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: 75.043 ng

RT: 20.05 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG038719.D

Acq: 19 Dec 2018 8:29

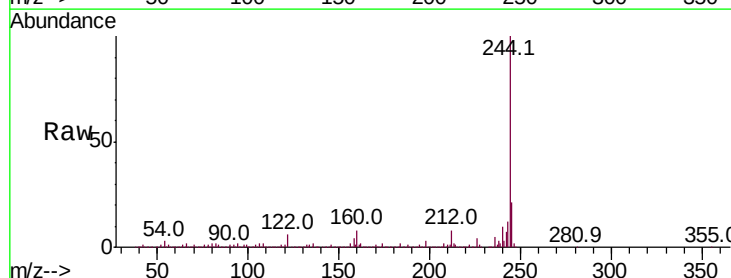
Tgt Ion:244 Resp: 657165

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

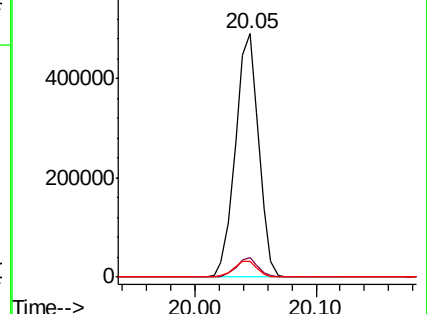
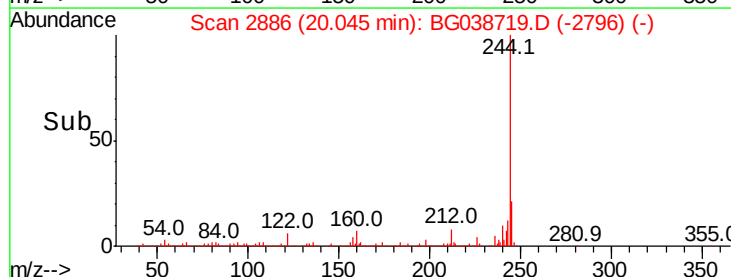
122 6.3 6.3 9.5#

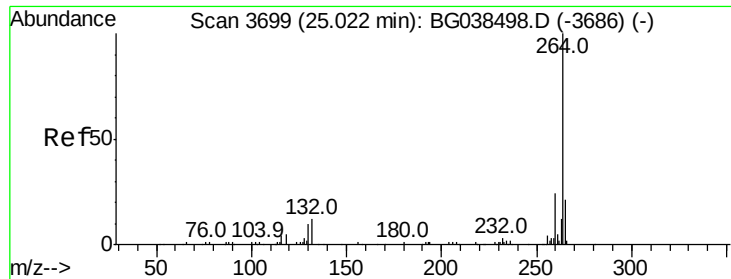


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3732
Delta R.T. -0.01 min
Lab File: BG038719.D
Acq: 19 Dec 2018 8:29

Instrument :
BNA_G
ClientSampleId :
PR-MW-01_121218

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.9	28.3
265	22.1	17.0	25.4

