

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111618\
 Data File : BG038034.D
 Acq On : 16 Nov 2018 15:24
 Operator : JU/SJ
 Sample : J5965-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-4

Quant Time: Nov 16 18:15:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	48834	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	216536	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	134719	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	304414	20.00	ng	0.00
76) Chrysene-d12	21.75	240	283905	20.00	ng	0.00
87) Perylene-d12	25.07	264	285141	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	171643	60.69	ng	0.00
7) Phenol-d6	7.23	99	153934	38.13	ng	0.00
23) Nitrobenzene-d5	9.26	82	343149	84.83	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	188144	122.45	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	783987	84.78	ng	0.00
79) Terphenyl-d14	20.07	244	1051826	87.18	ng	0.00

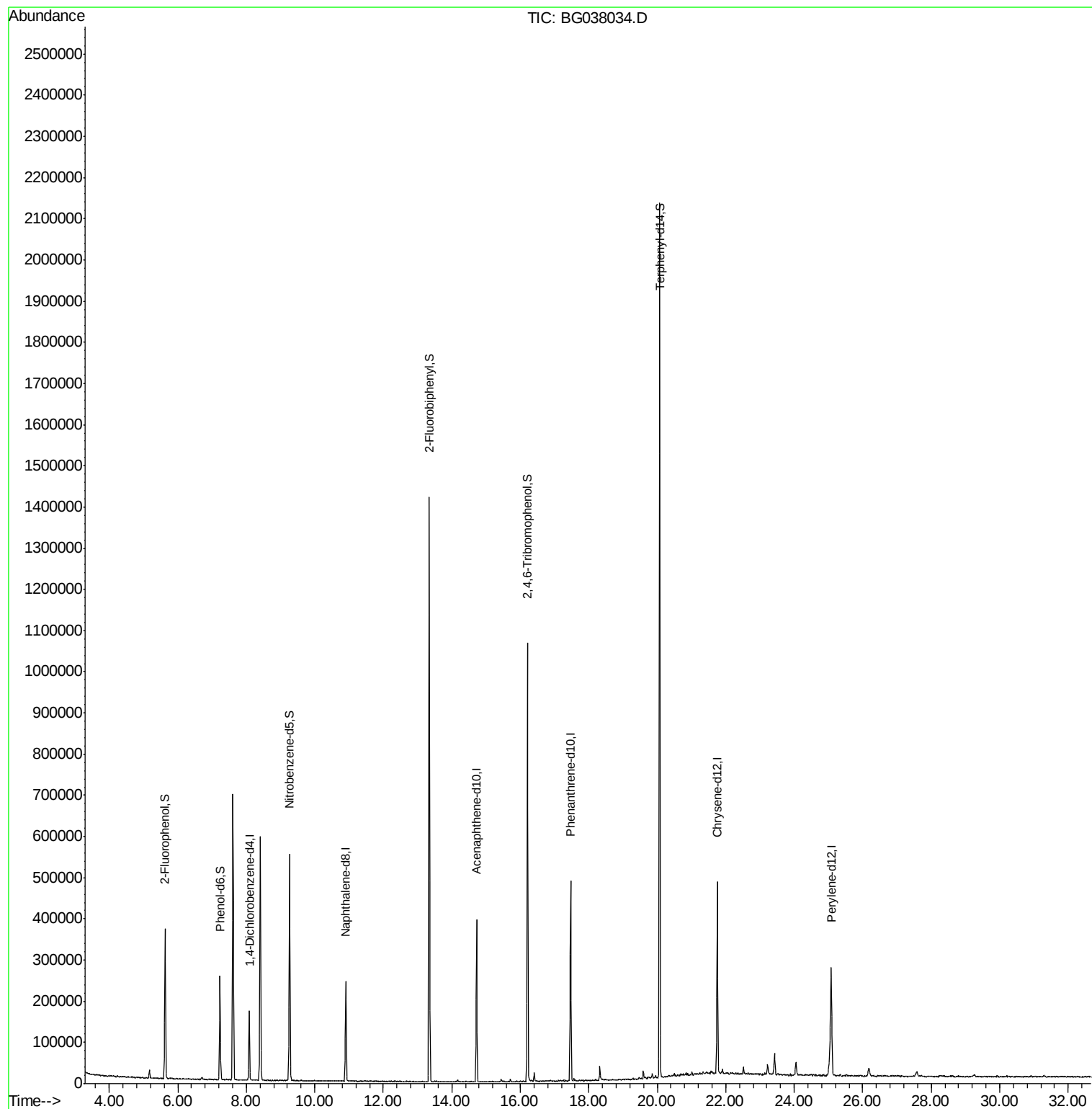
Target Compounds Qvalue

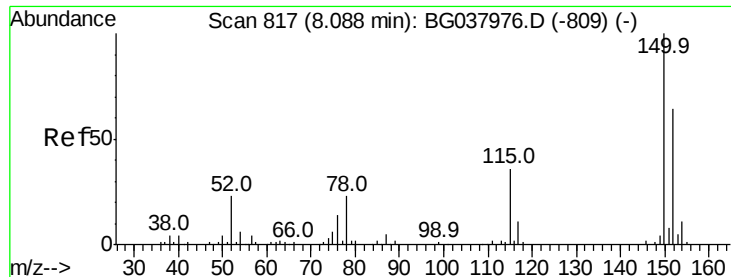
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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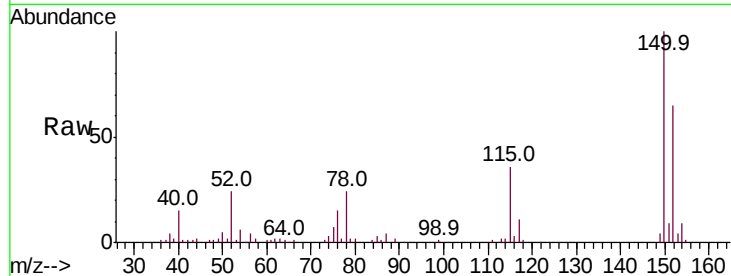


#1

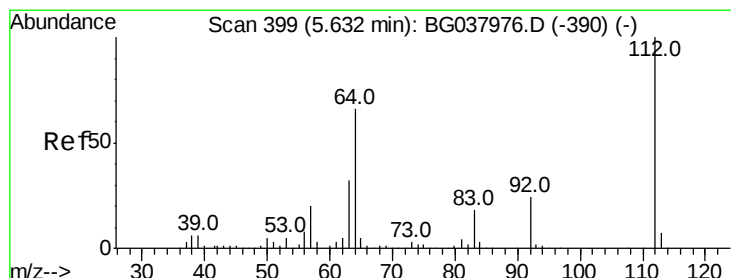
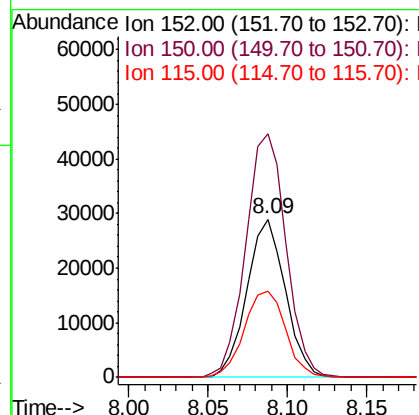
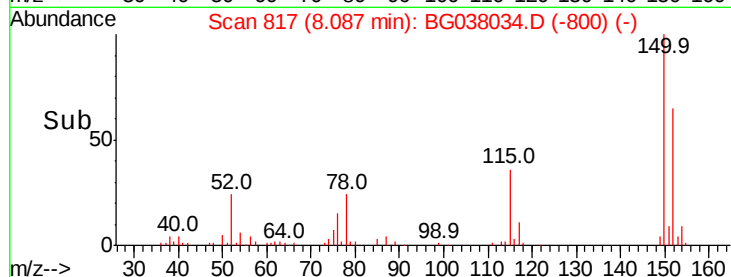
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.00 min
Lab File: BG038034.D
Acq: 16 Nov 2018 15:24

Instrument :
BNA_G
ClientSampleId :
MW-4

Tot Ion:152 Resp: 48834
Ion Ratio Lower Upper
152 100
150 154.3 126.0 189.0
115 55.0 45.5 68.3



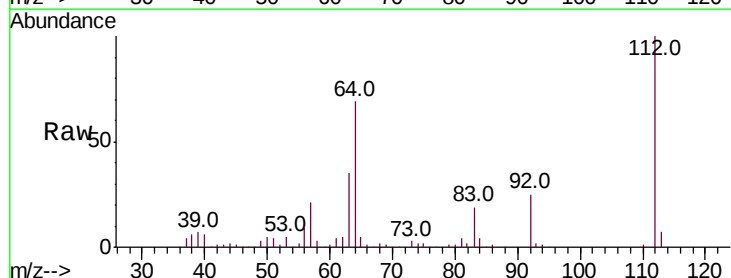
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



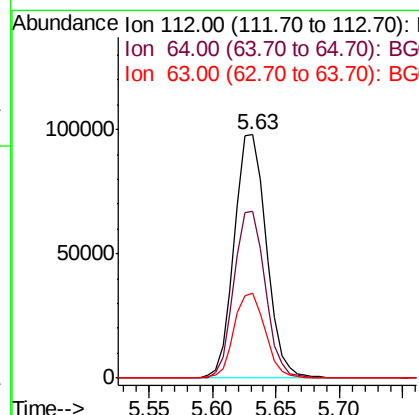
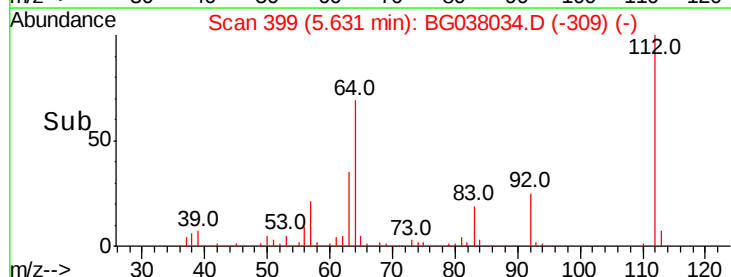
#5

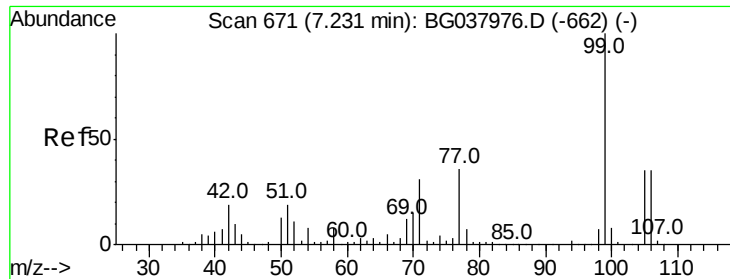
2-Fluorophenol
Concen: 60.686 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG038034.D
Acq: 16 Nov 2018 15:24

Tgt Ion:112 Resp: 171643
Ion Ratio Lower Upper
112 100
64 68.6 53.1 79.7
63 34.7 27.3 40.9



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: 38.127 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG038034.D

Acq: 16 Nov 2018 15:24

Instrument :

BNA_G

ClientSampleId :

MW-4

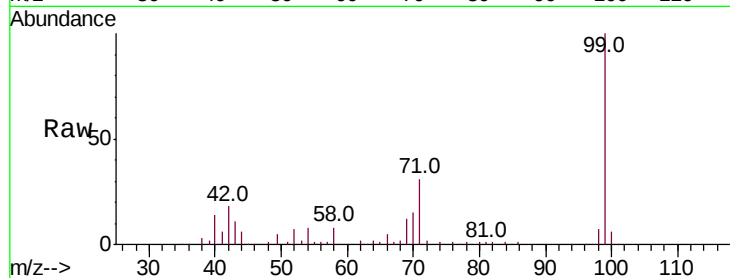
Tot Ion: 99 Resp: 153934

Ion Ratio Lower Upper

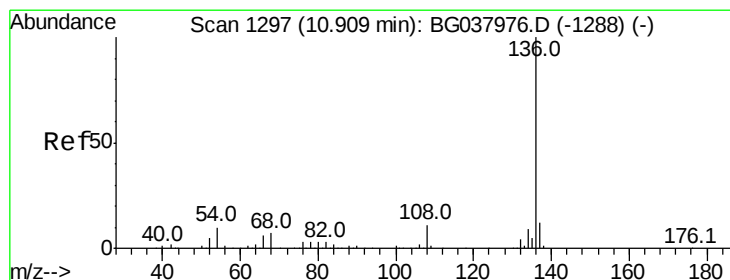
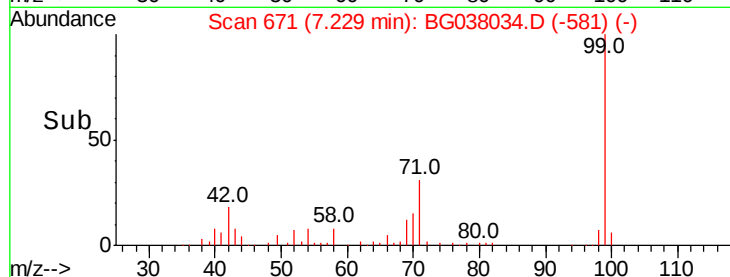
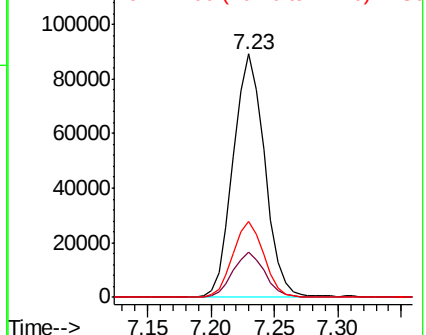
99 100

42 18.5 15.0 22.4

71 31.4 25.5 38.3



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: 10.91 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BG038034.D

Acq: 16 Nov 2018 15:24

Tgt Ion: 136 Resp: 216536

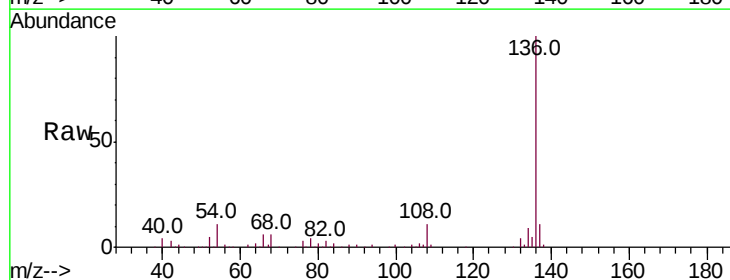
Ion Ratio Lower Upper

136 100

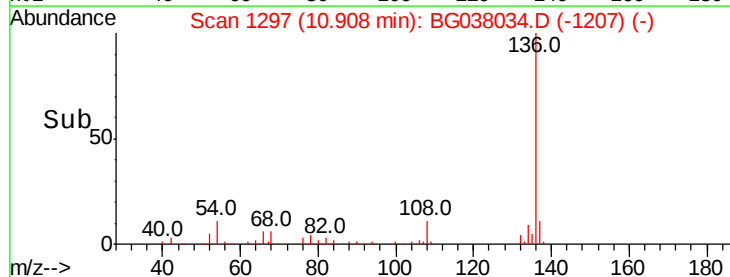
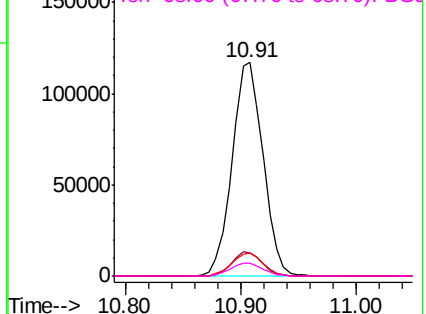
137 11.0 9.6 14.4

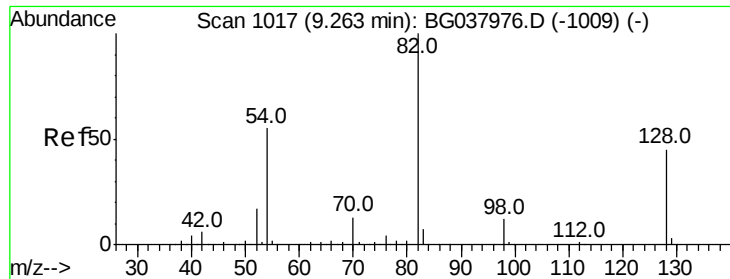
54 11.0 7.9 11.9

68 6.1 4.8 7.2



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

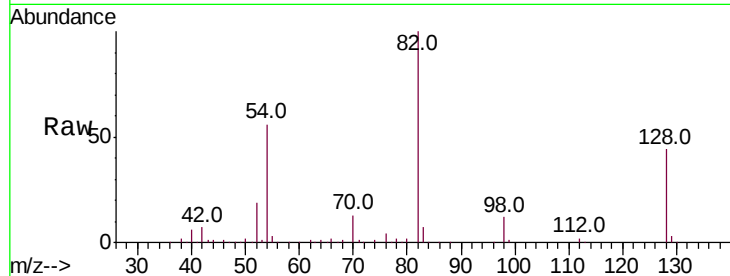




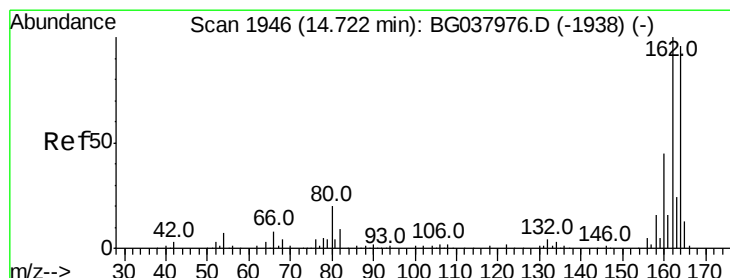
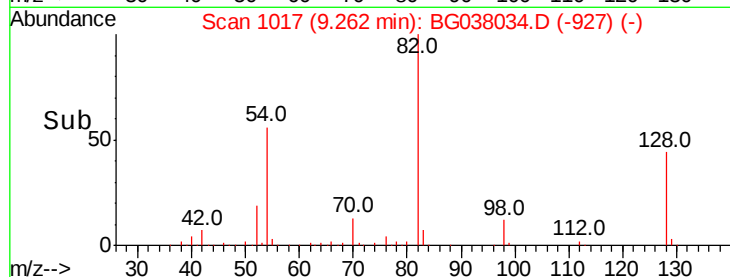
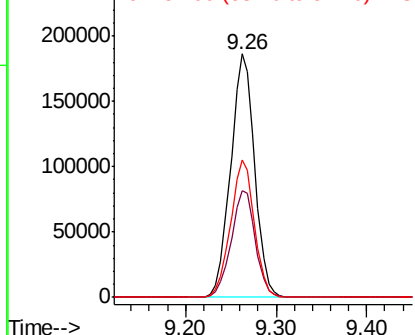
#23
Nitrobenzene-d5
Concen: 84.831 ng
RT: 9.26 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BG038034.D
Acq: 16 Nov 2018 15:24

Instrument :
BNA_G
ClientSampled :
MW-4

Tot Ion	82	Resp	343149
Ion Ratio	100	Lower	Upper
128	44.0	34.6	51.8
54	56.3	45.3	67.9

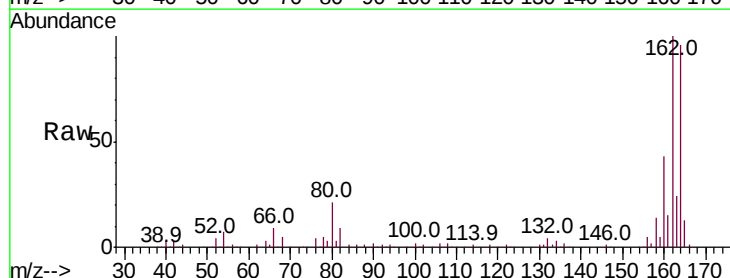


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

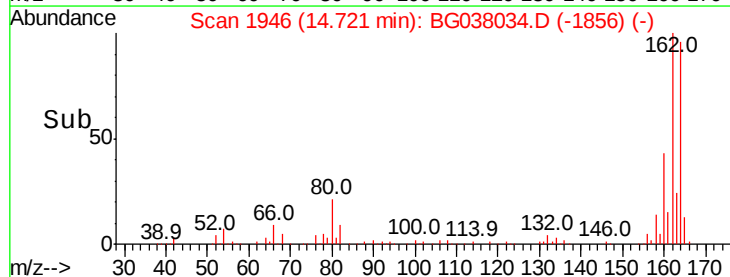
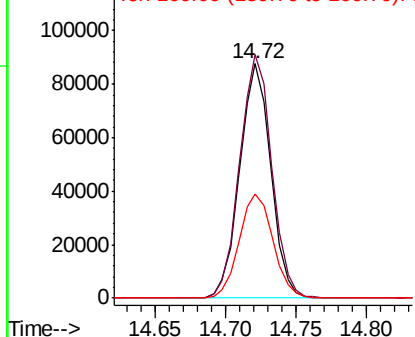


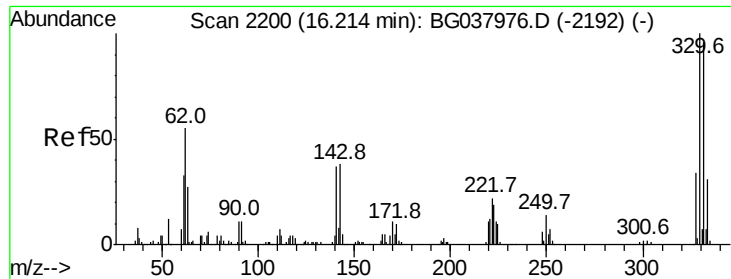
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BG038034.D
Acq: 16 Nov 2018 15:24

Tgt Ion	164	Resp	134719
Ion Ratio	100	Lower	Upper
162	103.9	81.3	121.9
160	44.6	36.3	54.5



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: 122.455 ng

RT: 16.21 min Scan# 2200

Delta R.T. -0.00 min

Lab File: BG038034.D

Acq: 16 Nov 2018 15:24

Instrument :

BNA_G

ClientSampleId :

MW-4

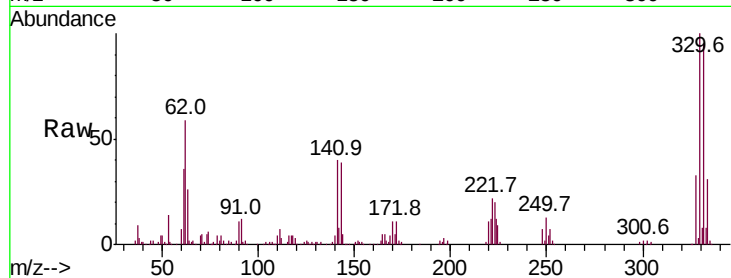
Tot Ion:330 Resp: 188144

Ion Ratio Lower Upper

330 100

332 95.9 78.4 117.6

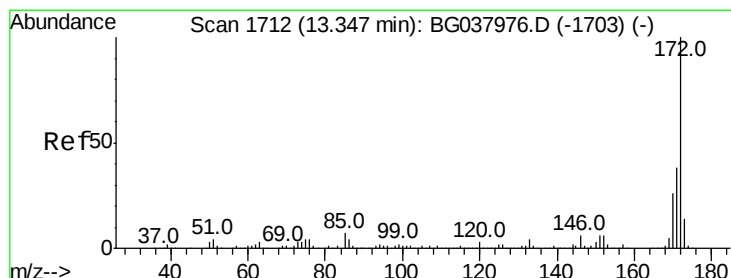
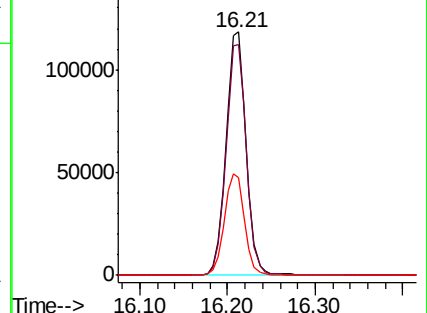
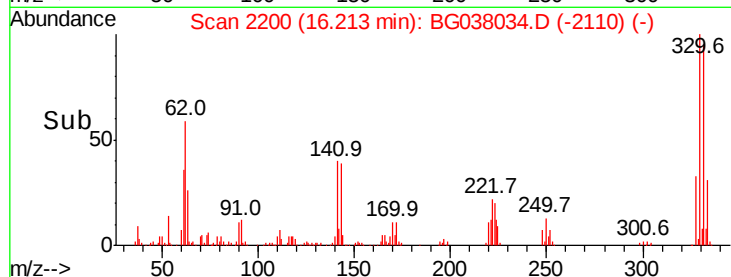
141 41.6 32.2 48.2



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: 84.780 ng

RT: 13.34 min Scan# 1711

Delta R.T. -0.01 min

Lab File: BG038034.D

Acq: 16 Nov 2018 15:24

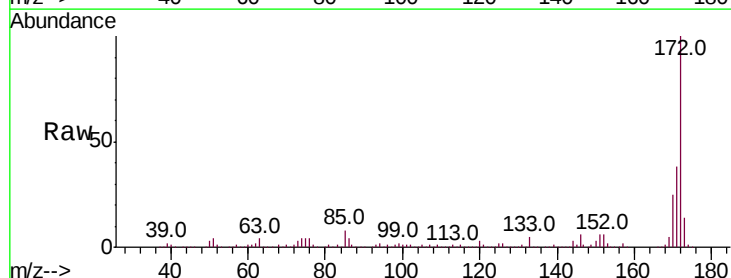
Tgt Ion:172 Resp: 783987

Ion Ratio Lower Upper

172 100

171 38.2 31.0 46.4

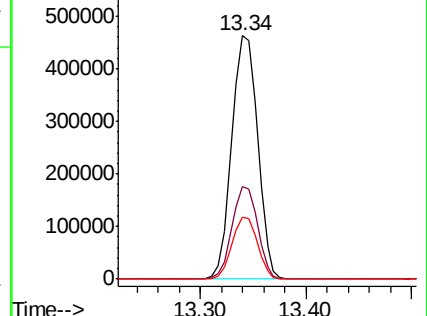
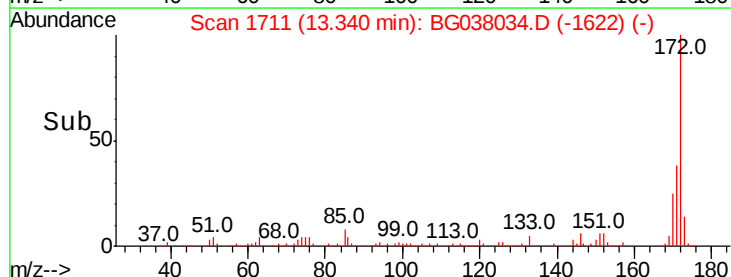
170 25.2 20.2 30.2

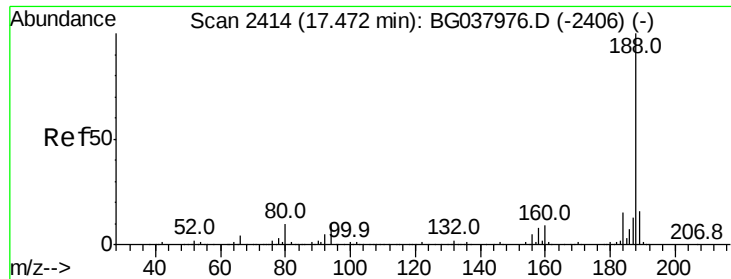


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.47 min Scan# 2414

Delta R.T. -0.00 min

Lab File: BG038034.D

Acq: 16 Nov 2018 15:24

Instrument :

BNA_G

ClientSampleId :

MW-4

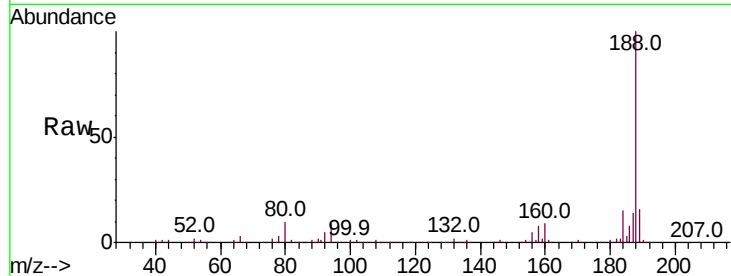
Tot Ion:188 Resp: 304414

Ion Ratio Lower Upper

188 100

94 8.7 7.2 10.8

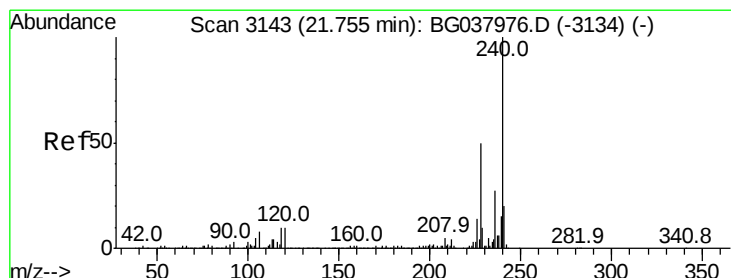
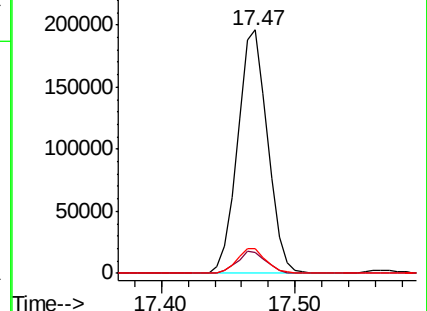
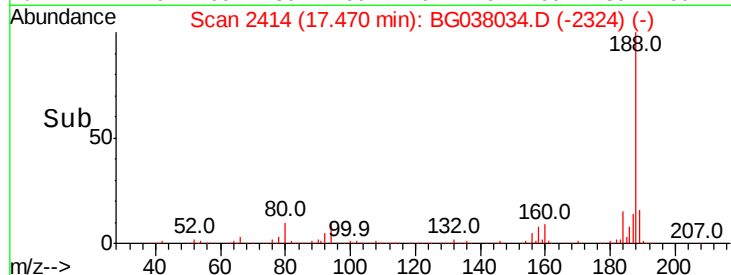
80 9.9 7.7 11.5



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: 21.75 min Scan# 3143

Delta R.T. -0.00 min

Lab File: BG038034.D

Acq: 16 Nov 2018 15:24

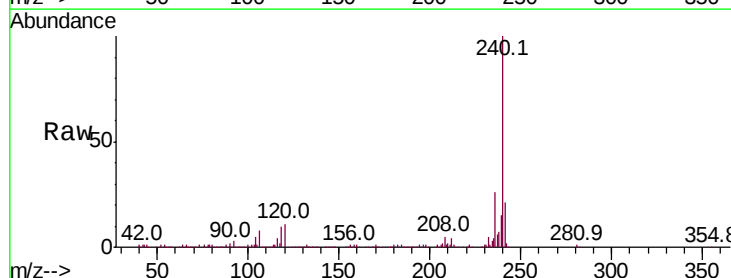
Tgt Ion:240 Resp: 283905

Ion Ratio Lower Upper

240 100

120 10.9 8.1 12.1

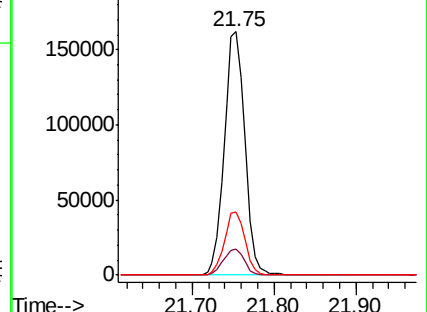
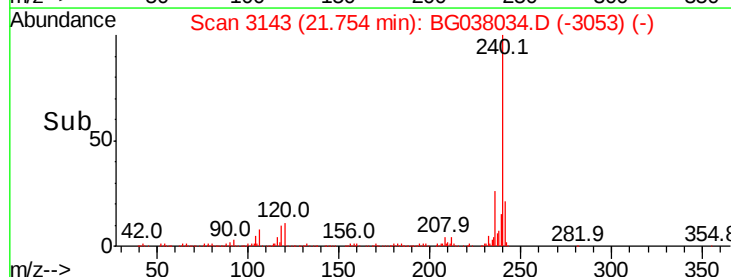
236 25.8 21.4 32.0



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



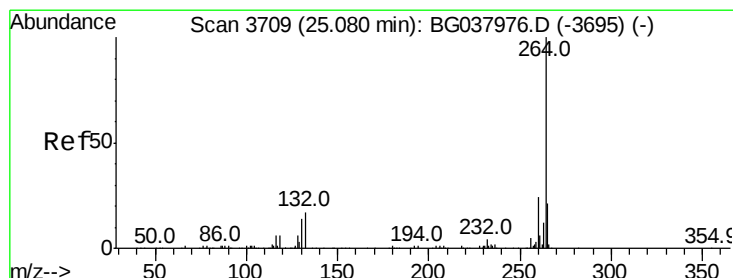
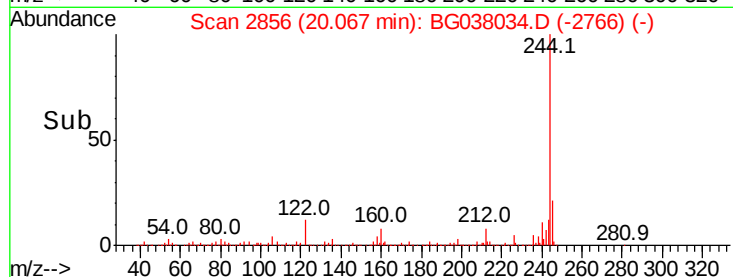
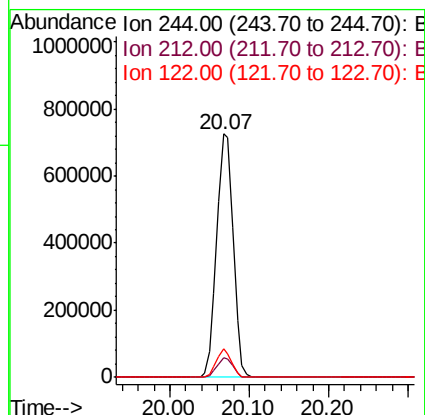
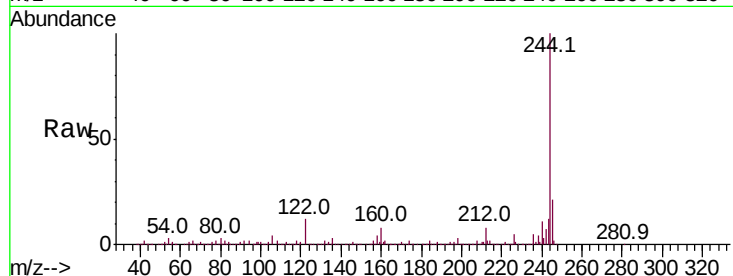


#79
 Terphenyl-d14
 Concen: 87.175 ng
 RT: 20.07 min Scan# 2856
 Delta R.T. -0.00 min
 Lab File: BG038034.D
 Acq: 16 Nov 2018 15:24

Instrument :
 BNA_G
 ClientSampleId :
 MW-4

Tot Ion:244 Resp: 1051826

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.5	9.7
122	11.6	9.0	13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.07 min Scan# 3708
 Delta R.T. -0.01 min
 Lab File: BG038034.D
 Acq: 16 Nov 2018 15:24

Tgt Ion:264 Resp: 285141

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.4
265	22.3	17.9	26.9

