

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112618\
 Data File : BG038146.D
 Acq On : 26 Nov 2018 22:02
 Operator : JU/SJ
 Sample : J6032-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MMTW-03

Quant Time: Nov 27 07:09:12 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

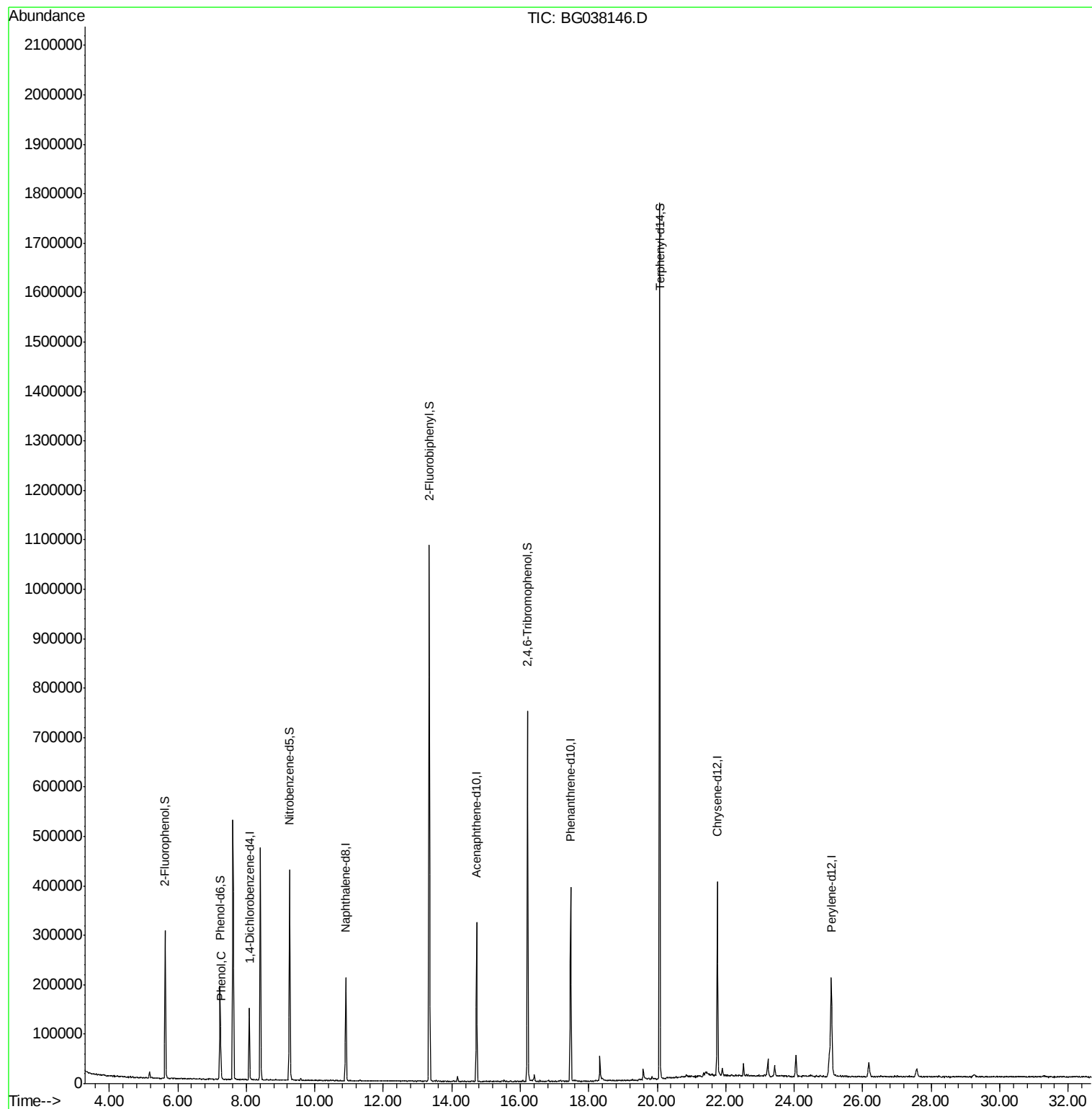
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	42101	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	184183	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	114547	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	255136	20.00	ng	0.00
76) Chrysene-d12	21.75	240	232522	20.00	ng	0.00
87) Perylene-d12	25.08	264	235540	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	134835	55.30	ng	0.00
7) Phenol-d6	7.23	99	120171	34.52	ng	0.00
23) Nitrobenzene-d5	9.26	82	272704	79.26	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	140233	107.34	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	605194	76.97	ng	0.00
79) Terphenyl-d14	20.07	244	873593	88.40	ng	0.00
Target Compounds						
10) Phenol	7.26	94	16061	4.356	ng	Qvalue 93

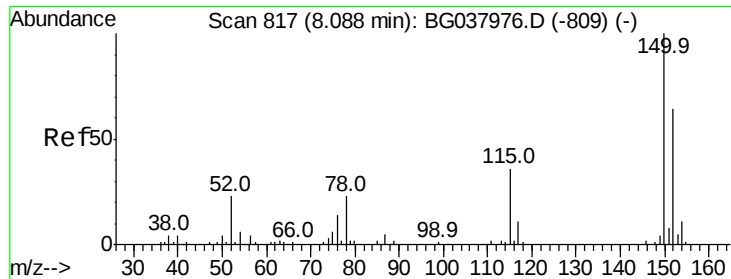
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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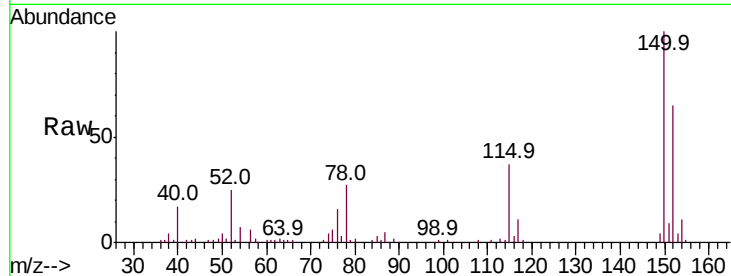


#1

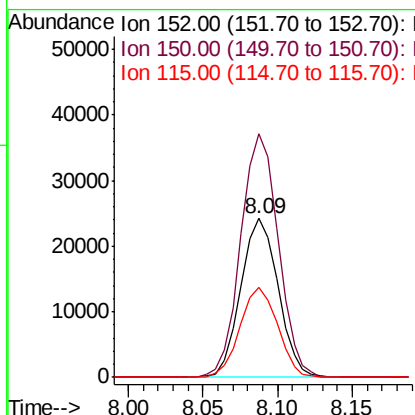
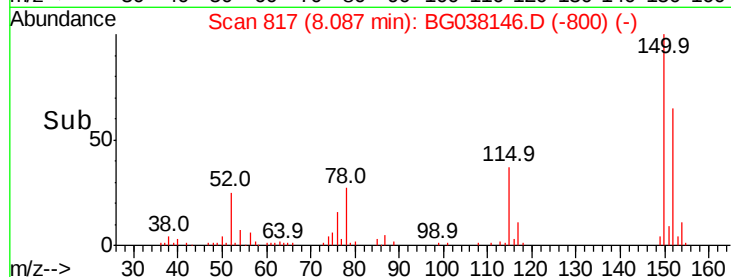
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.00 min
Lab File: BG038146.D
Acq: 26 Nov 2018 22:02

Instrument :
BNA_G
ClientSampleId :
MMTW-03

Tot Ion:152 Resp: 42101
Ion Ratio Lower Upper
152 100
150 153.2 126.0 189.0
115 56.6 45.5 68.3



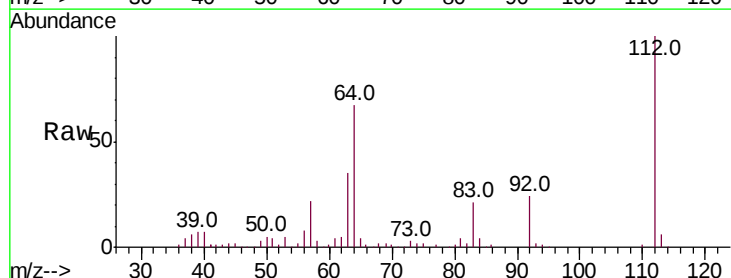
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



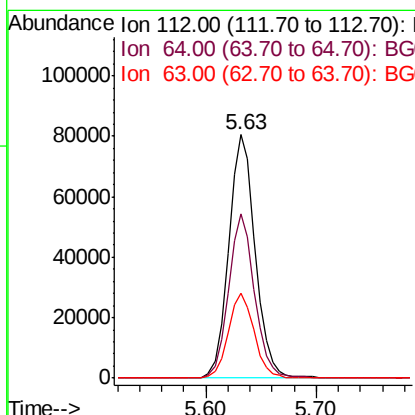
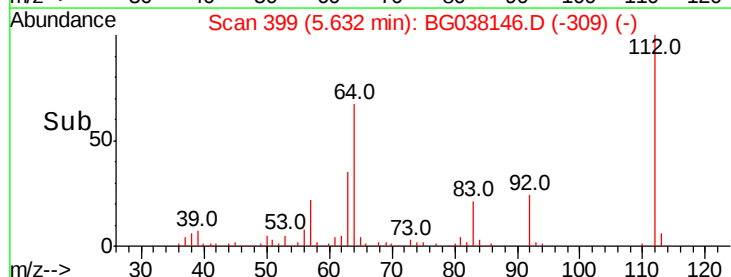
#5

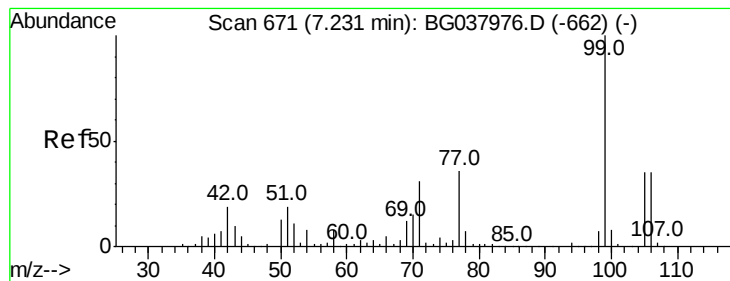
2-Fluorophenol
Concen: 55.296 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG038146.D
Acq: 26 Nov 2018 22:02

Tgt Ion:112 Resp: 134835
Ion Ratio Lower Upper
112 100
64 67.3 53.1 79.7
63 35.1 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: 34.525 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG038146.D

Acq: 26 Nov 2018 22:02

Instrument :

BNA_G

ClientSampleId :

MMTW-03

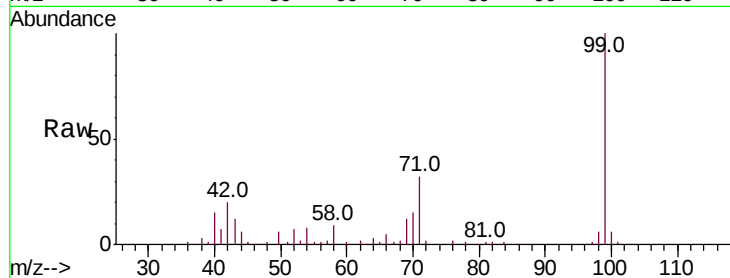
Tot Ion: 99 Resp: 120171

Ion Ratio Lower Upper

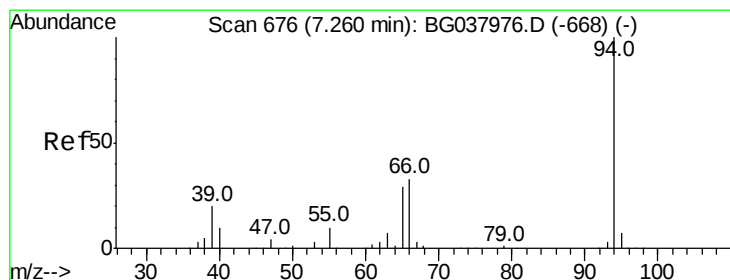
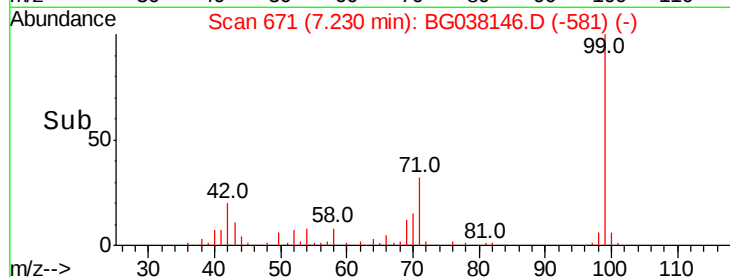
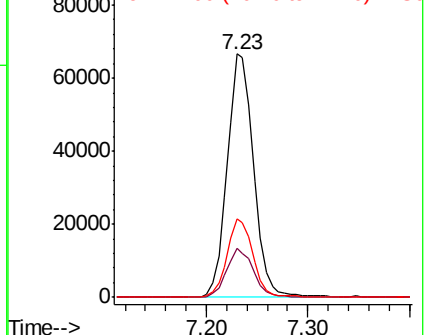
99 100

42 20.0 15.0 22.4

71 32.0 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



#10

Phenol

Concen: 4.356 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.00 min

Lab File: BG038146.D

Acq: 26 Nov 2018 22:02

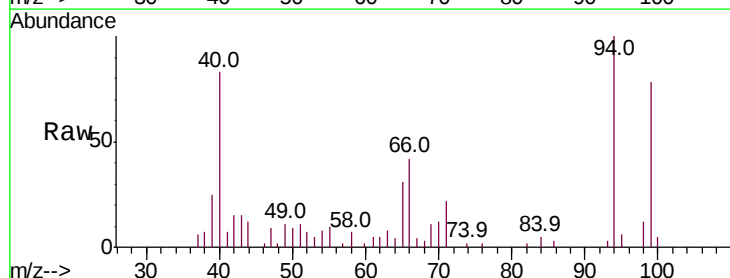
Tgt Ion: 94 Resp: 16061

Ion Ratio Lower Upper

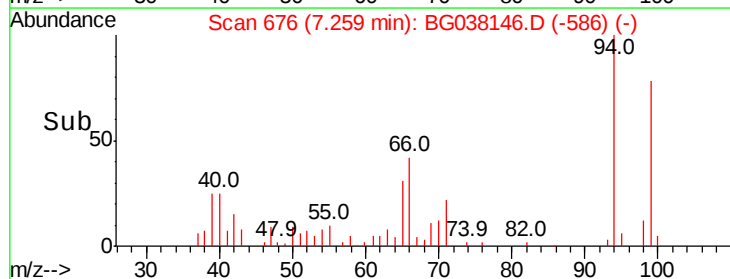
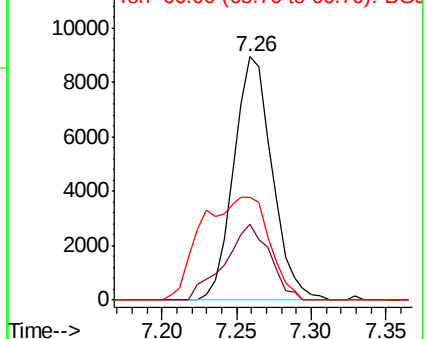
94 100

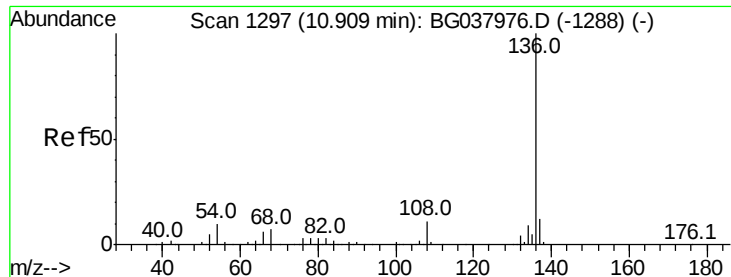
65 31.0 9.7 49.7

66 42.4 15.9 55.9



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.91 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BG038146.D

Acq: 26 Nov 2018 22:02

Instrument :

BNA_G

ClientSampleId :

MMTW-03

Tot Ion:136 Resp: 184183

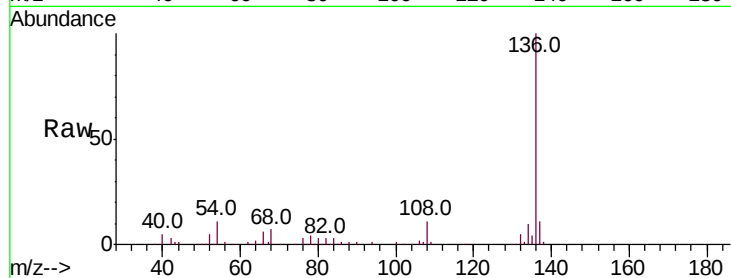
Ion Ratio Lower Upper

136 100

137 10.5 9.6 14.4

54 11.0 7.9 11.9

68 6.6 4.8 7.2

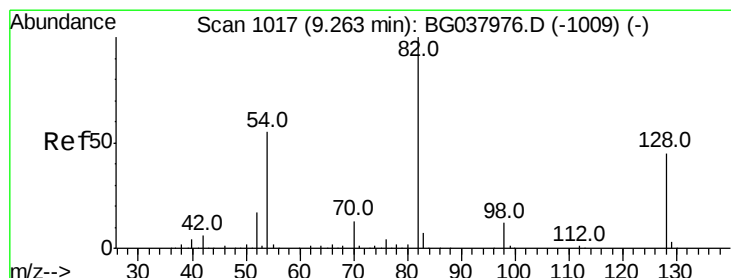
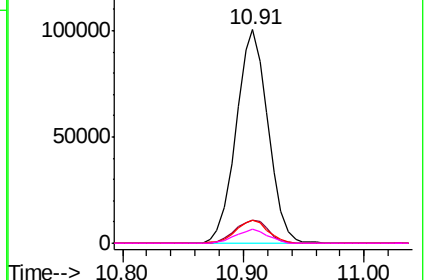
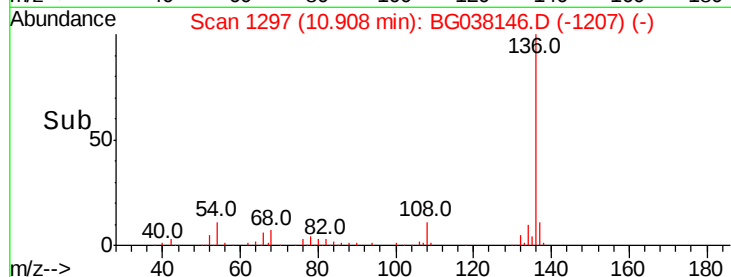


Abundance Ion 136.00 (135.70 to 136.70): E

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: 79.258 ng

RT: 9.26 min Scan# 1017

Delta R.T. -0.00 min

Lab File: BG038146.D

Acq: 26 Nov 2018 22:02

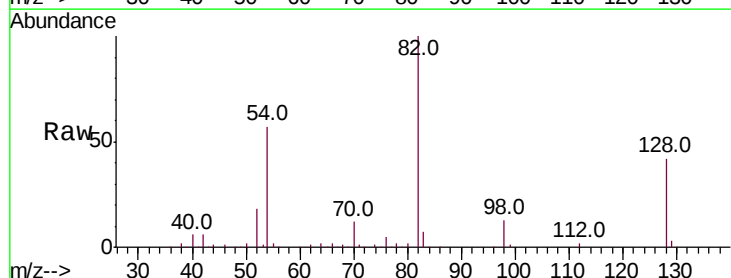
Tgt Ion: 82 Resp: 272704

Ion Ratio Lower Upper

82 100

128 42.3 34.6 51.8

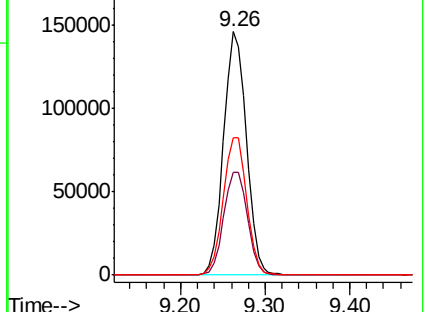
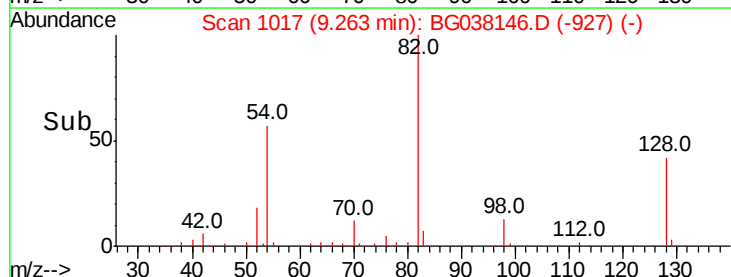
54 56.6 45.3 67.9



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

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: BG038146.D

Acq: 26 Nov 2018 22:02

Instrument :

BNA_G

ClientSampleId :

MMTW-03

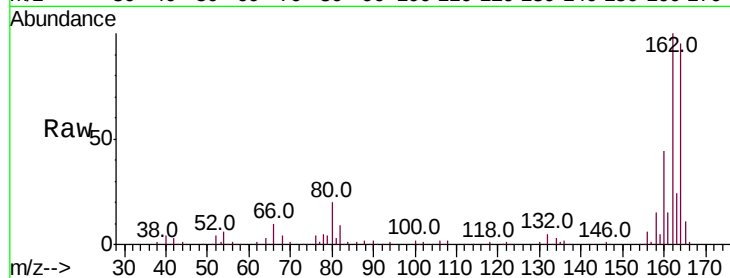
Tot Ion:164 Resp: 114547

Ion Ratio Lower Upper

164 100

162 105.5 81.3 121.9

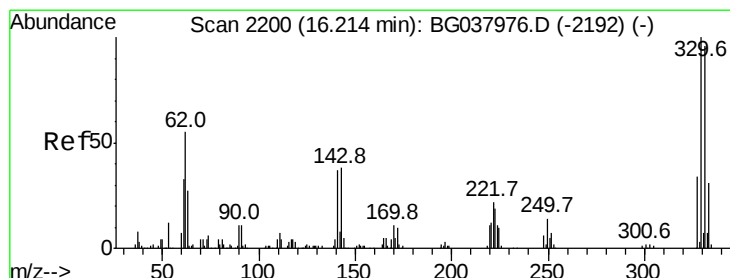
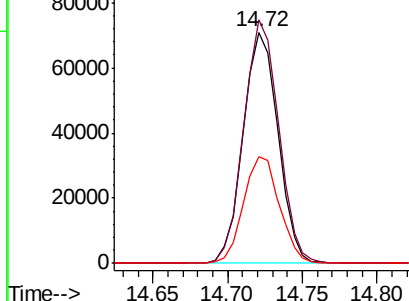
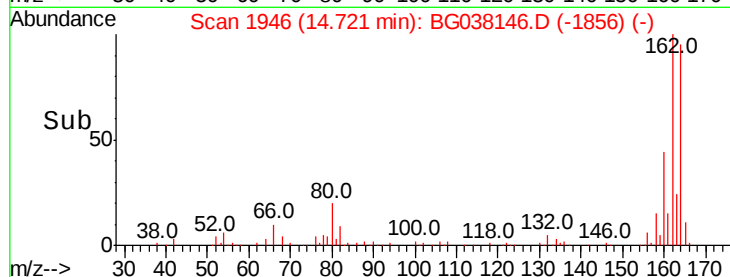
160 46.0 36.3 54.5



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: 107.345 ng

RT: 16.21 min Scan# 2200

Delta R.T. -0.00 min

Lab File: BG038146.D

Acq: 26 Nov 2018 22:02

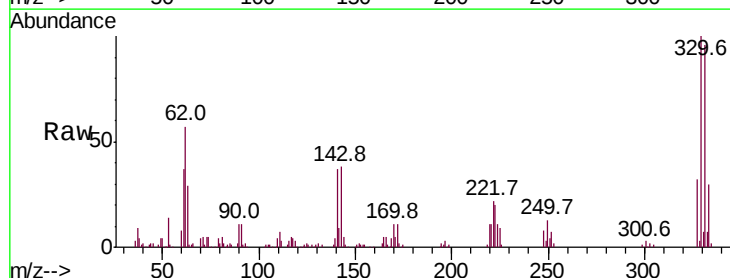
Tgt Ion:330 Resp: 140233

Ion Ratio Lower Upper

330 100

332 96.7 78.4 117.6

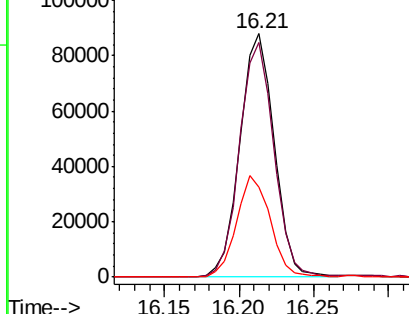
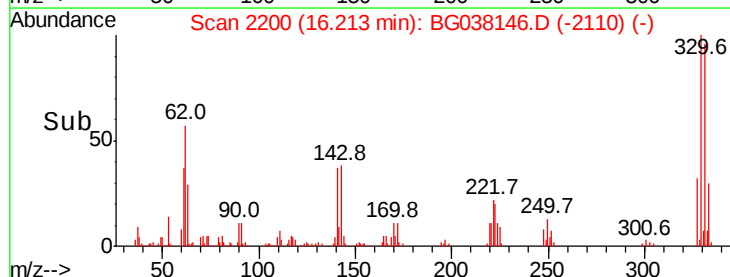
141 41.6 32.2 48.2

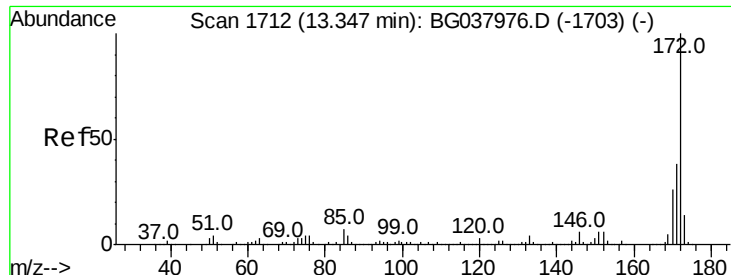


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

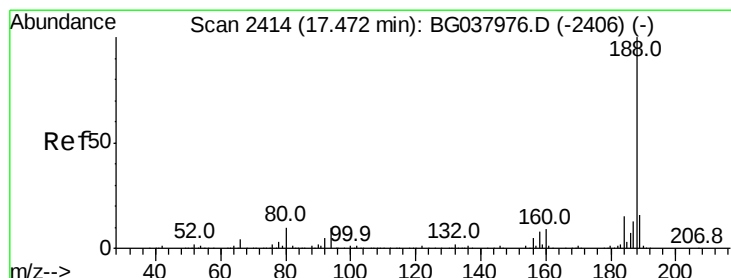
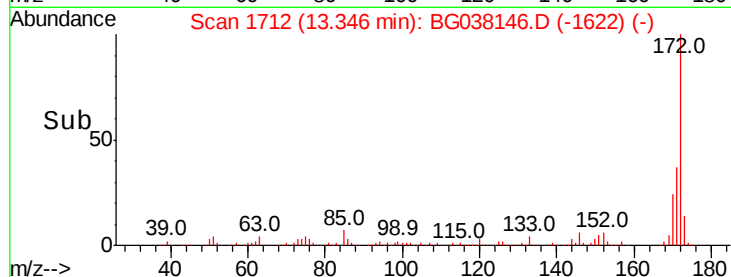
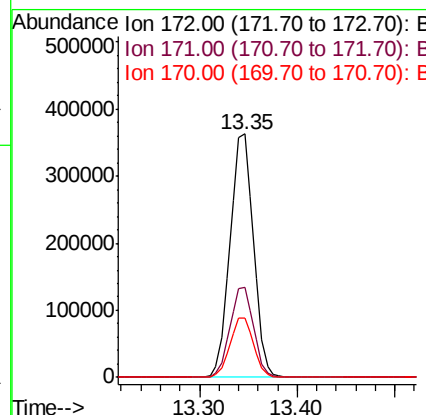
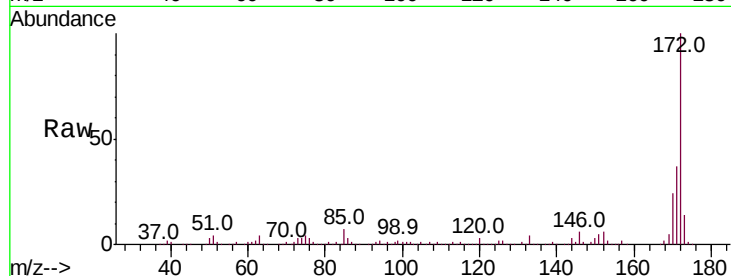




#45
 2-Fluorobiphenyl
 Concen: 76.971 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.00 min
 Lab File: BG038146.D
 Acq: 26 Nov 2018 22:02

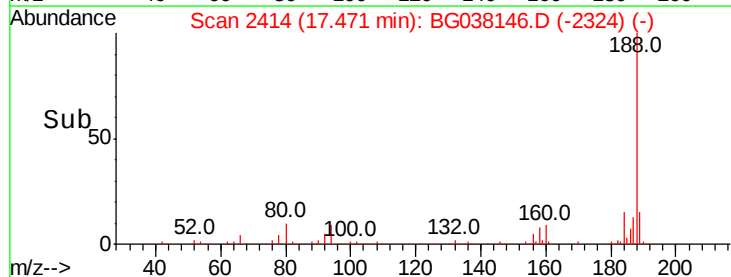
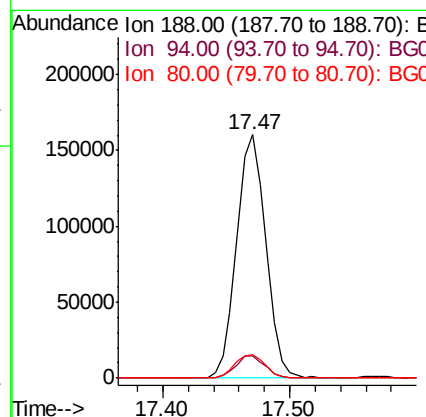
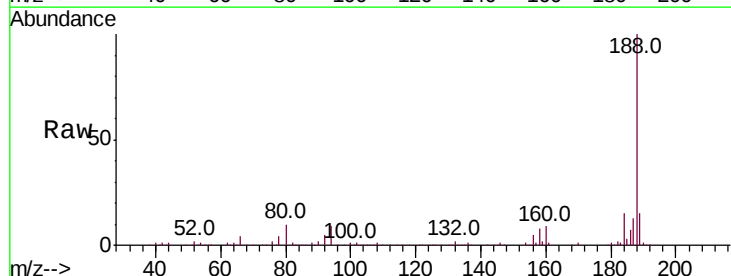
Instrument :
 BNA_G
 ClientSampleId :
 MMTW-03

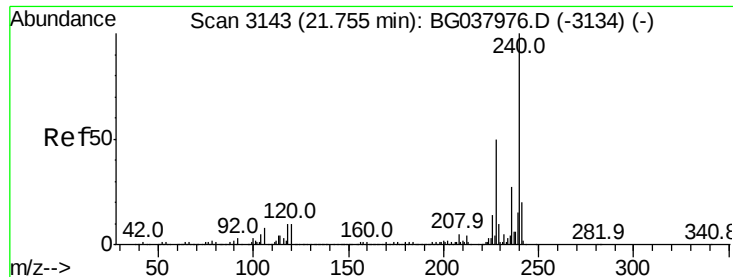
Tot Ion:172 Resp: 605194
 Ion Ratio Lower Upper
 172 100
 171 36.7 31.0 46.4
 170 24.4 20.2 30.2



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2414
 Delta R.T. -0.00 min
 Lab File: BG038146.D
 Acq: 26 Nov 2018 22:02

Tgt Ion:188 Resp: 255136
 Ion Ratio Lower Upper
 188 100
 94 8.9 7.2 10.8
 80 9.6 7.7 11.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3143

Delta R.T. -0.00 min

Lab File: BG038146.D

Acq: 26 Nov 2018 22:02

Instrument :

BNA_G

ClientSampleId :

MMTW-03

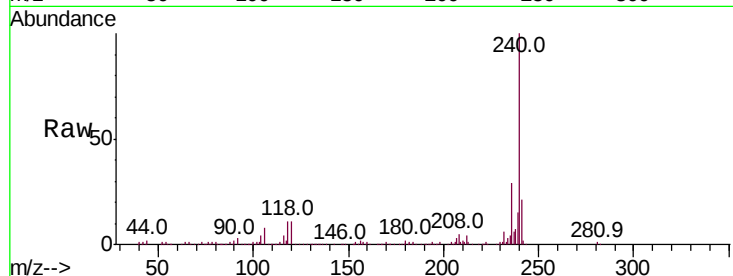
Tot Ion:240 Resp: 232522

Ion Ratio Lower Upper

240 100

120 10.7 8.1 12.1

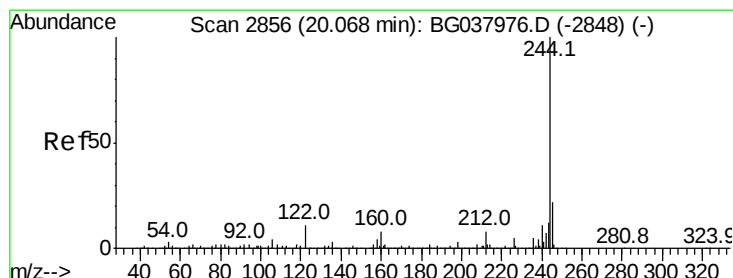
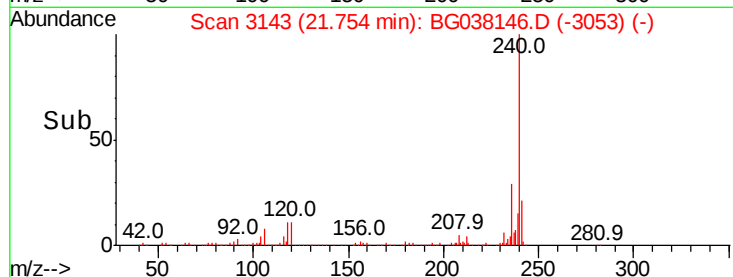
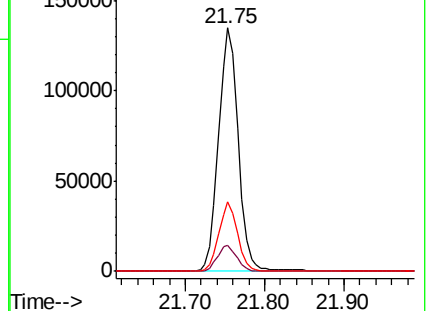
236 28.7 21.4 32.0



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: 88.403 ng

RT: 20.07 min Scan# 2857

Delta R.T. 0.01 min

Lab File: BG038146.D

Acq: 26 Nov 2018 22:02

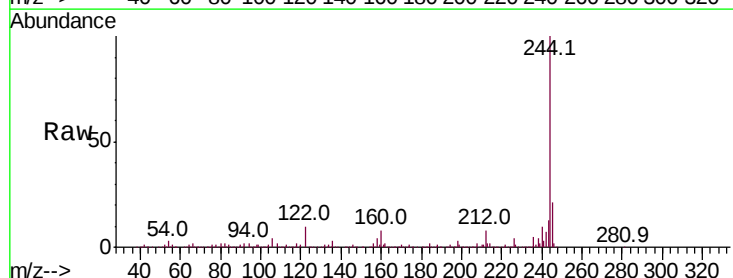
Tgt Ion:244 Resp: 873593

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

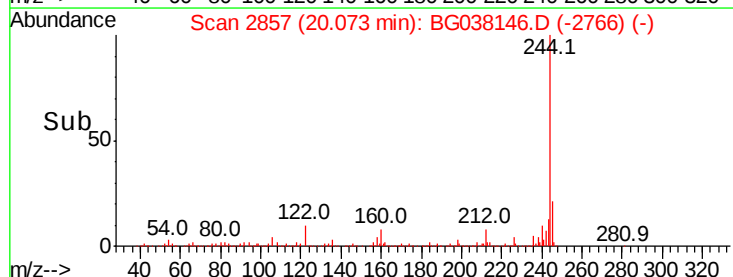
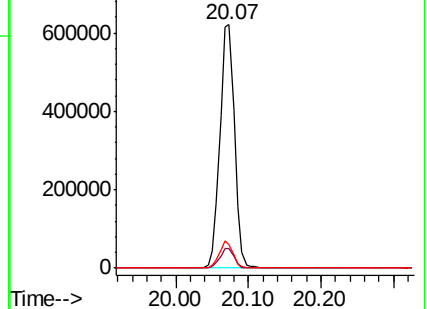
122 9.7 9.0 13.4

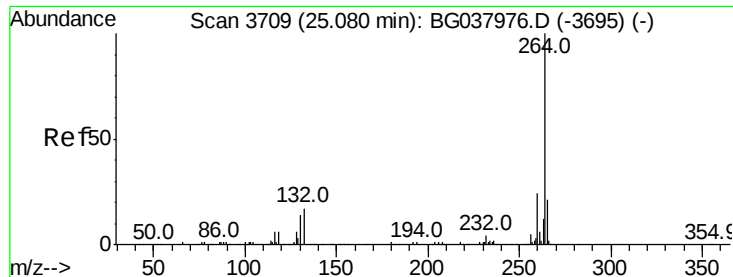


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.08 min Scan# 3709
Delta R.T. -0.00 min
Lab File: BG038146.D
Acq: 26 Nov 2018 22:02

Instrument :
BNA_G
ClientSampleId :
MMTW-03

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.4
265	21.0	17.9	26.9

