

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111618\
 Data File : BG038056.D
 Acq On : 17 Nov 2018 5:48
 Operator : JU/SJ
 Sample : J5968-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-3-111418

Quant Time: Nov 19 05:53:53 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

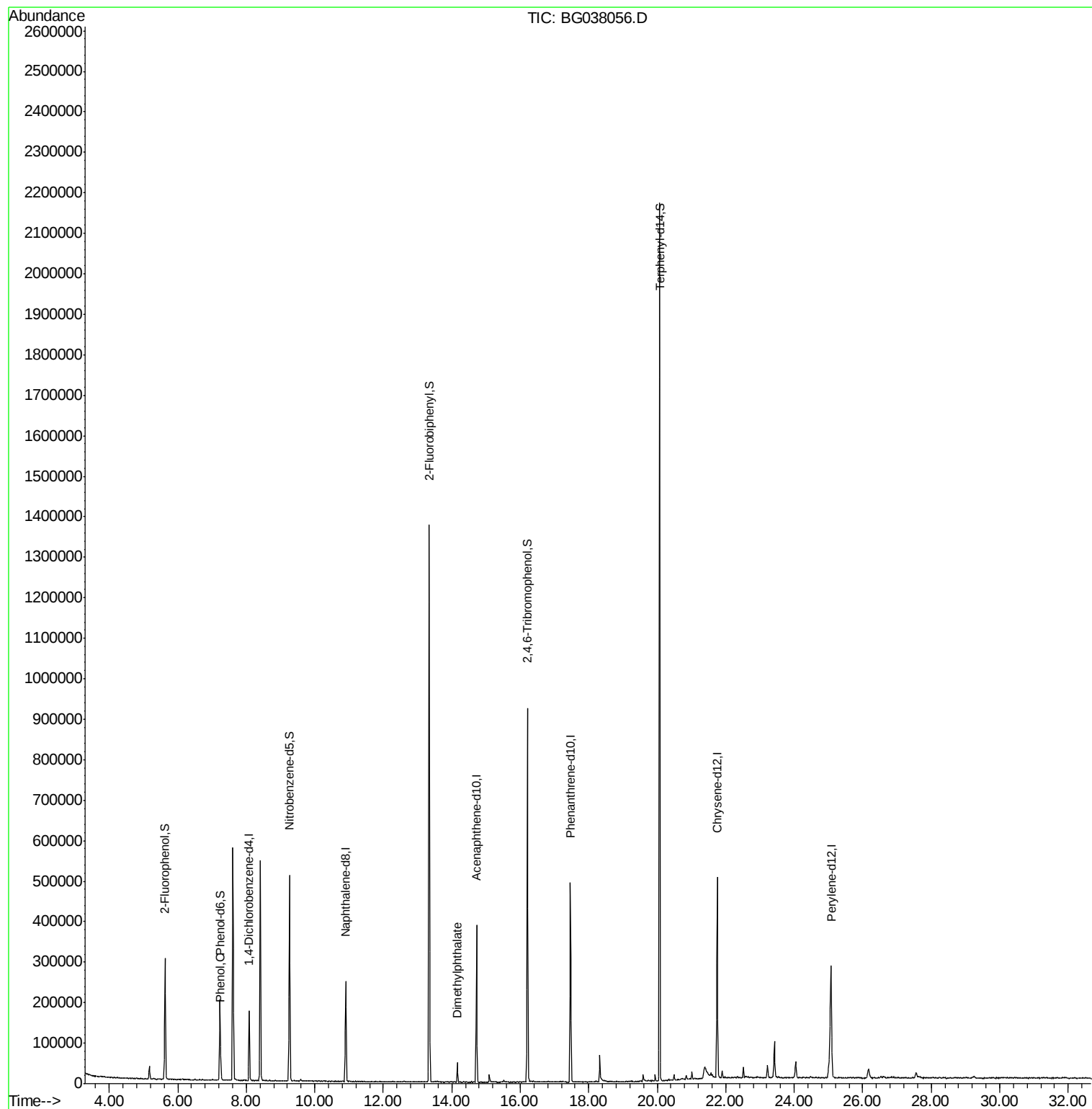
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	51047	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	217176	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	137476	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	309405	20.00	ng	0.00
76) Chrysene-d12	21.75	240	292173	20.00	ng	0.00
87) Perylene-d12	25.07	264	298730	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	139672	47.24	ng	0.00
7) Phenol-d6	7.23	99	119964	28.43	ng	0.00
23) Nitrobenzene-d5	9.26	82	315961	77.88	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	162733	103.79	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	718470	76.14	ng	0.00
79) Terphenyl-d14	20.07	244	1003114	80.79	ng	0.00
Target Compounds						
10) Phenol	7.25	94	21762	4.868	ng	97
50) Dimethylphthalate	14.16	163	32832	3.012	ng	# 98

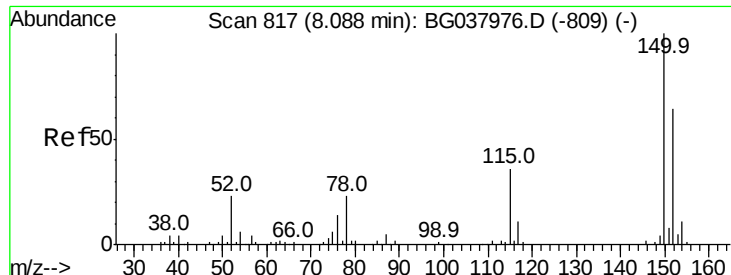
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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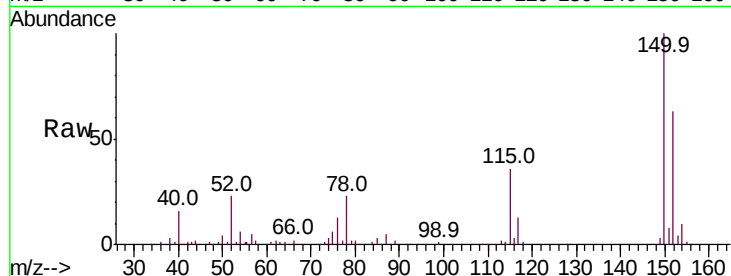


#1

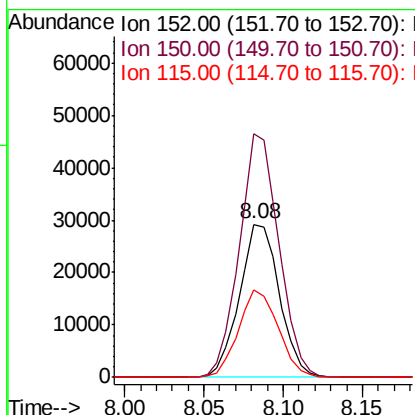
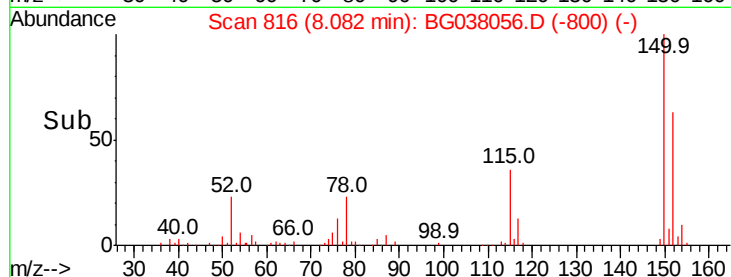
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.08 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BG038056.D
 Acq: 17 Nov 2018 5:48

Instrument :
 BNA_G
 ClientSampleId :
 MW-3-111418

Tot Ion:152 Resp: 51047
 Ion Ratio Lower Upper
 152 100
 150 158.8 126.0 189.0
 115 56.8 45.5 68.3



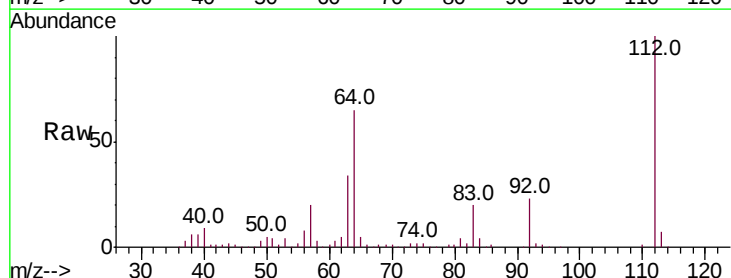
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



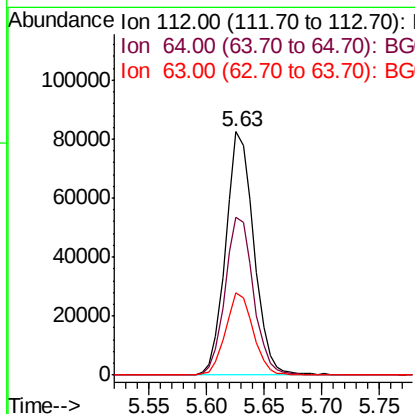
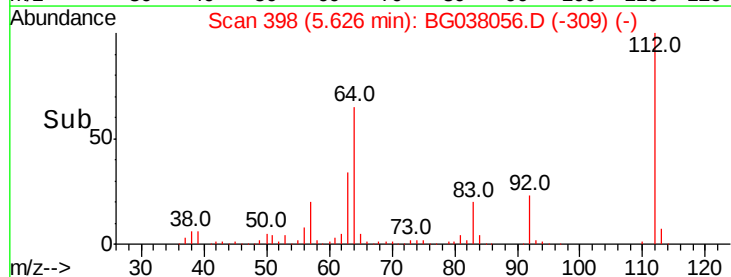
#5

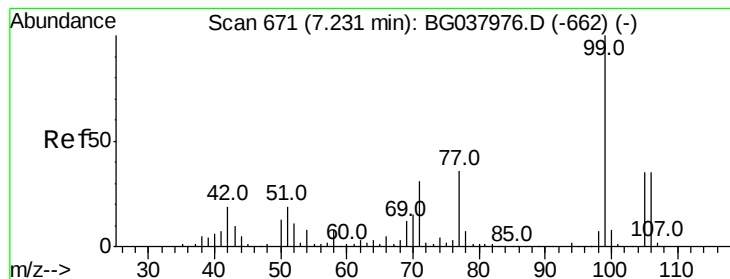
2-Fluorophenol
 Concen: 47.241 ng
 RT: 5.63 min Scan# 398
 Delta R.T. -0.01 min
 Lab File: BG038056.D
 Acq: 17 Nov 2018 5:48

Tgt Ion:112 Resp: 139672
 Ion Ratio Lower Upper
 112 100
 64 65.0 53.1 79.7
 63 33.9 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: 28.425 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG038056.D

Acq: 17 Nov 2018 5:48

Instrument :

BNA_G

ClientSampleId :

MW-3-111418

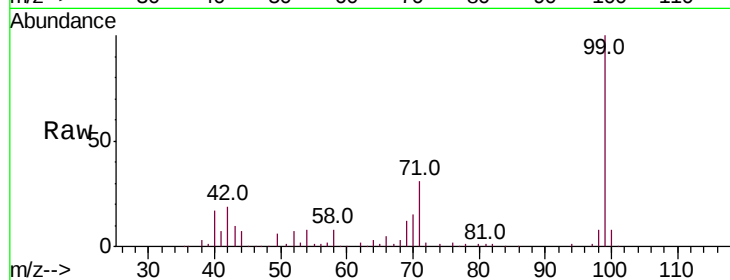
Tot Ion: 99 Resp: 119964

Ion Ratio Lower Upper

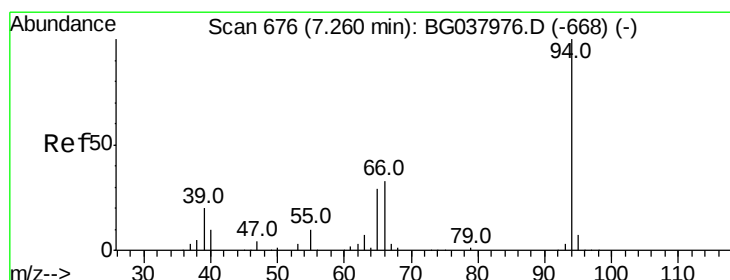
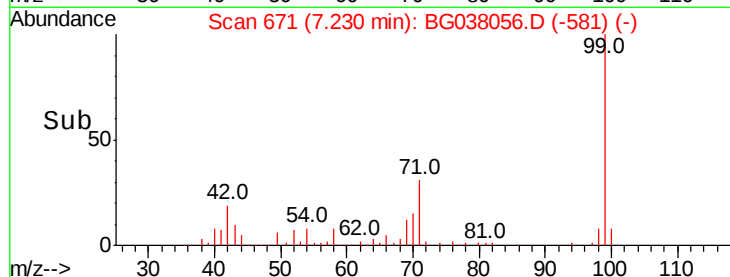
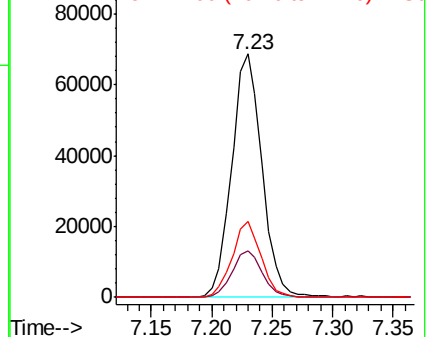
99 100

42 19.1 15.0 22.4

71 31.2 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: 4.868 ng

RT: 7.25 min Scan# 675

Delta R.T. -0.01 min

Lab File: BG038056.D

Acq: 17 Nov 2018 5:48

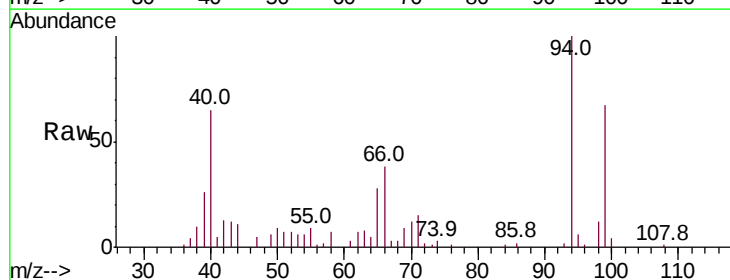
Tgt Ion: 94 Resp: 21762

Ion Ratio Lower Upper

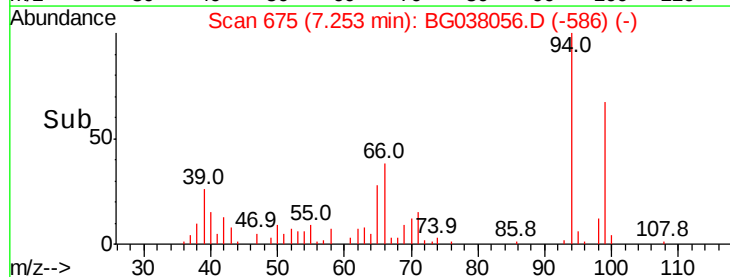
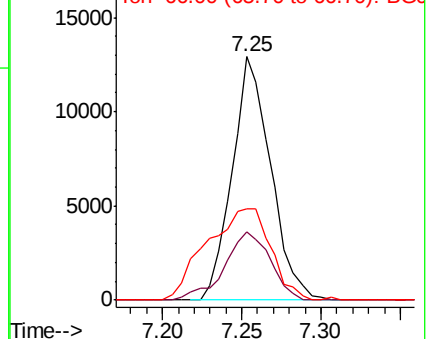
94 100

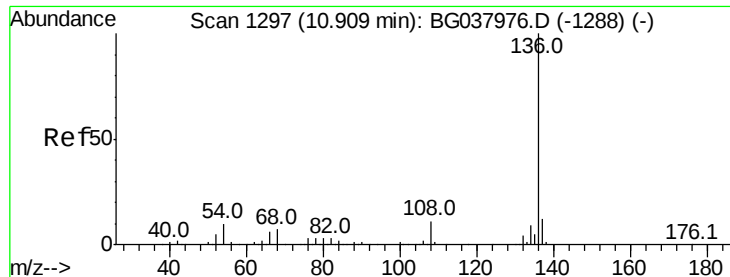
65 28.0 9.7 49.7

66 37.6 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

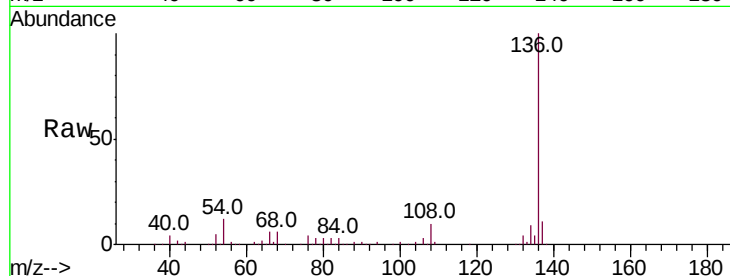




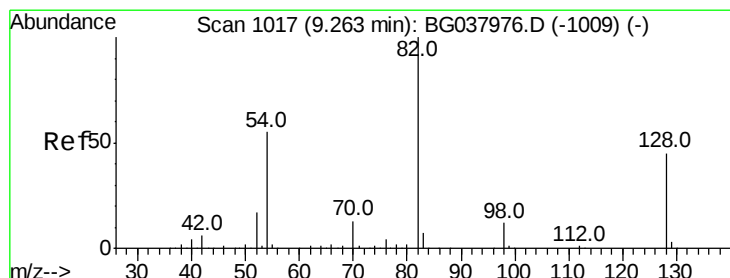
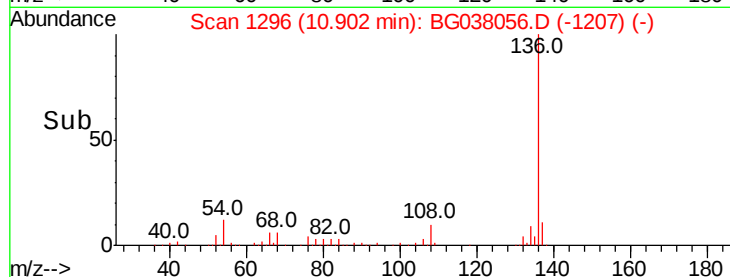
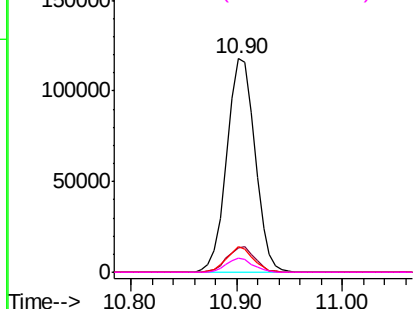
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BG038056.D
Acq: 17 Nov 2018 5:48

Instrument :
BNA_G
ClientSampleId :
MW-3-111418

Tot Ion:136	Resp:	217176
Ion	Ratio	Lower Upper
136	100	
137	11.2	9.6 14.4
54	11.7	7.9 11.9
68	6.5	4.8 7.2

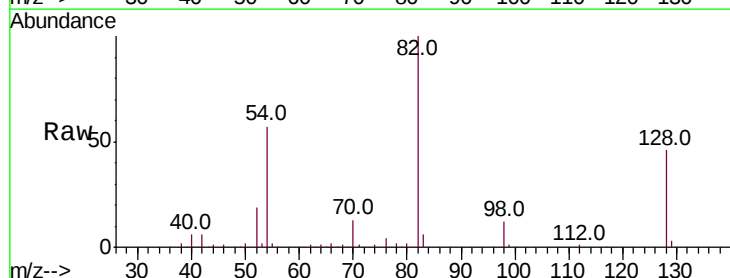


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

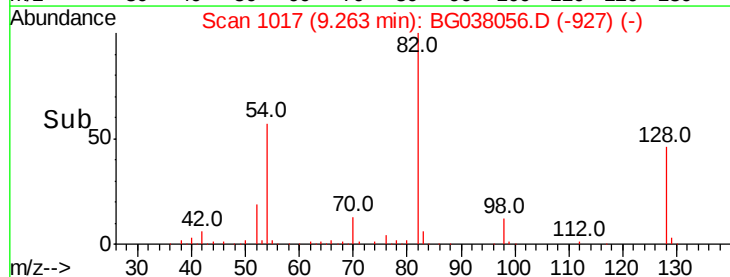
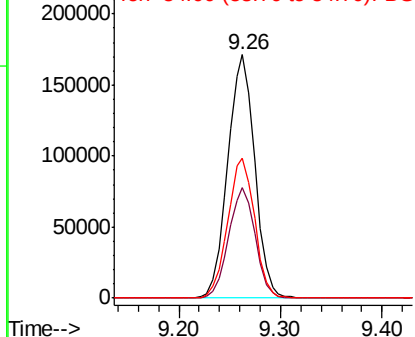


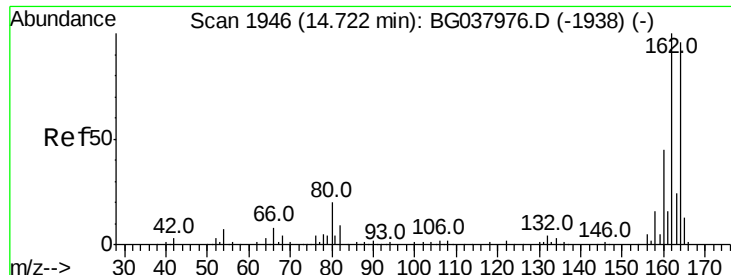
#23
Nitrobenzene-d5
Concen: 77.879 ng
RT: 9.26 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BG038056.D
Acq: 17 Nov 2018 5:48

Tgt Ion: 82	Resp:	315961
Ion	Ratio	Lower Upper
82	100	
128	45.6	34.6 51.8
54	57.4	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: BG038056.D

Acq: 17 Nov 2018 5:48

Instrument :

BNA_G

ClientSampleId :

MW-3-111418

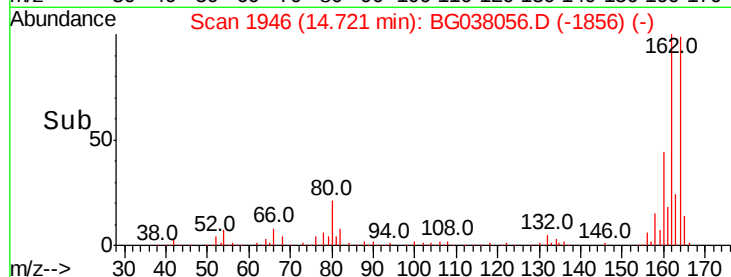
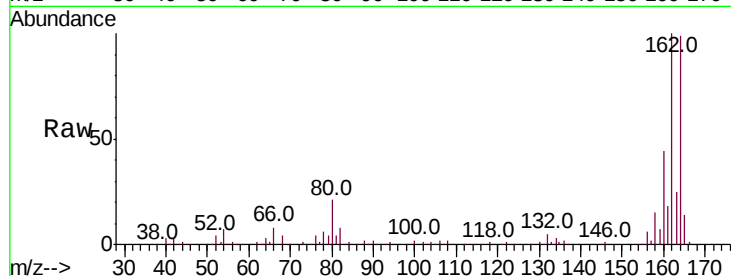
Tot Ion:164 Resp: 137476

Ion Ratio Lower Upper

164 100

162 100.8 81.3 121.9

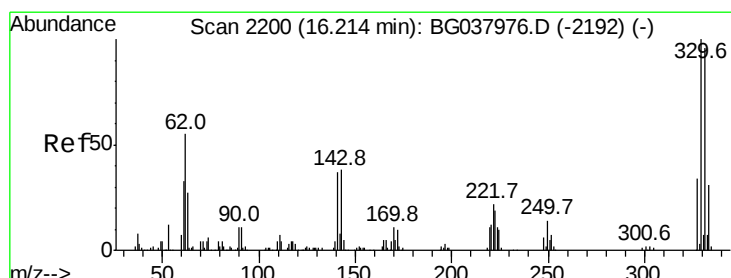
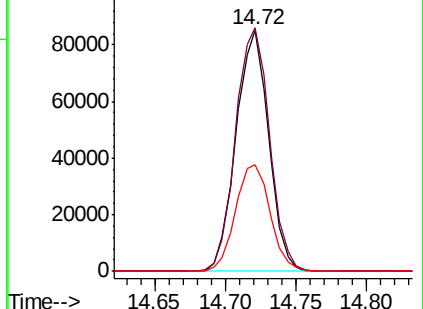
160 44.4 36.3 54.5



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: 103.792 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG038056.D

Acq: 17 Nov 2018 5:48

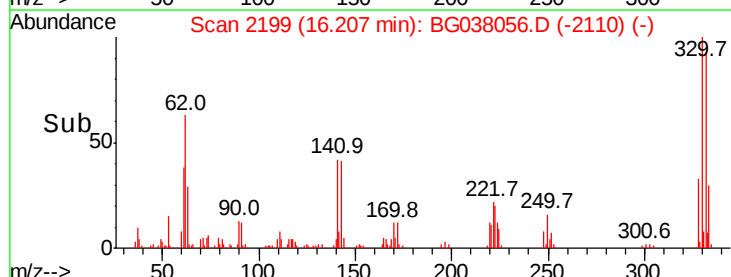
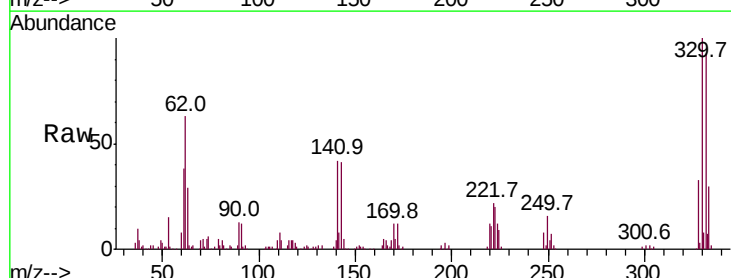
Tgt Ion:330 Resp: 162733

Ion Ratio Lower Upper

330 100

332 94.3 78.4 117.6

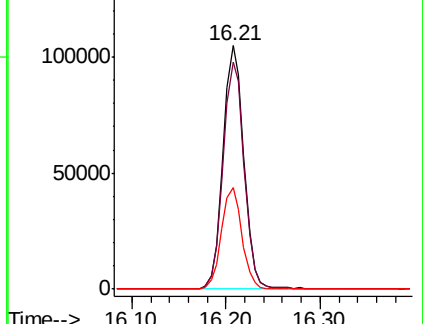
141 41.2 32.2 48.2



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: 76.137 ng

RT: 13.34 min Scan# 1711

Delta R.T. -0.01 min

Lab File: BG038056.D

Acq: 17 Nov 2018 5:48

Instrument :

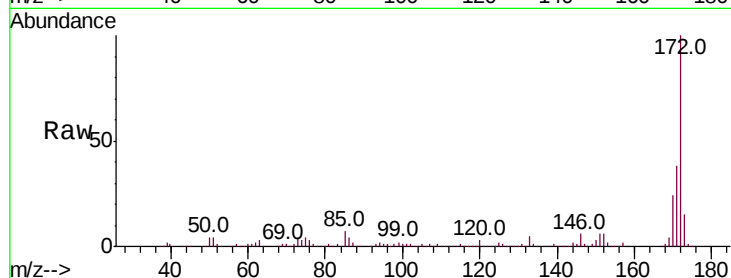
BNA_G

ClientSampleId :

MW-3-111418

Tot Ion:172 Resp: 718470

Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.0	46.4
170	24.2	20.2	30.2



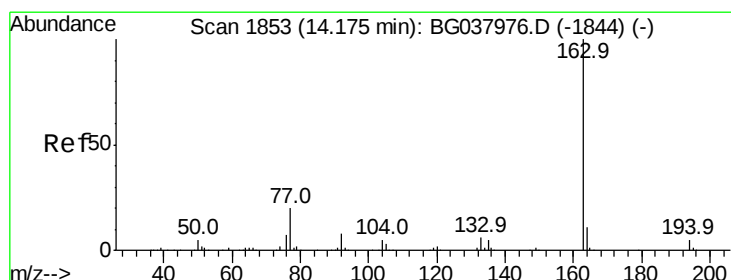
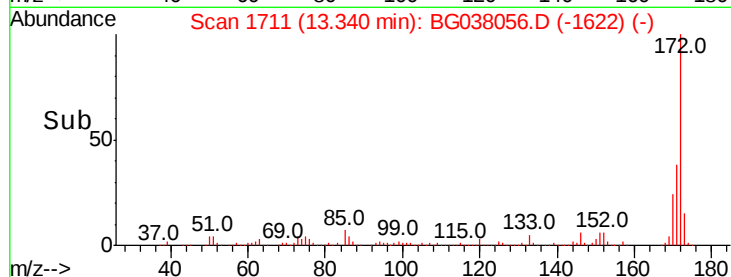
Abundance

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

Time-->



#50

Dimethylphthalate

Concen: 3.012 ng

RT: 14.16 min Scan# 1851

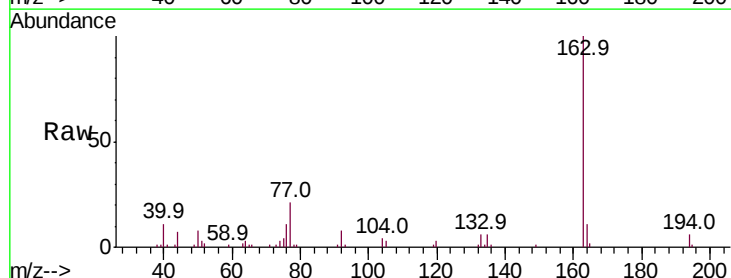
Delta R.T. -0.01 min

Lab File: BG038056.D

Acq: 17 Nov 2018 5:48

Tgt Ion:163 Resp: 32832

Ion	Ratio	Lower	Upper
163	100		
194	5.5	3.5	5.3#
164	11.0	8.5	12.7



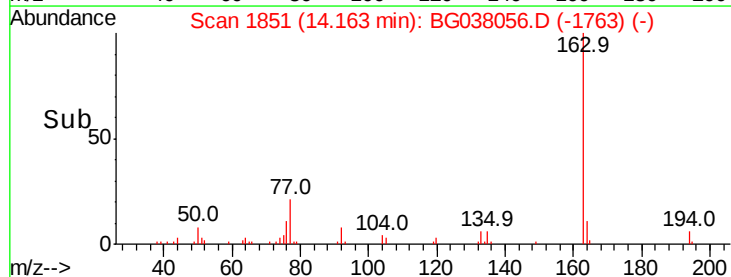
Abundance

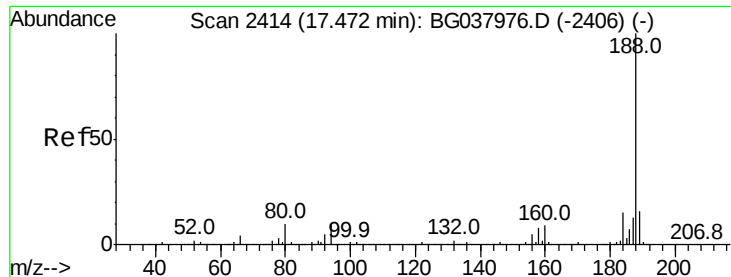
Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

Time-->





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.46 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BG038056.D

Acq: 17 Nov 2018 5:48

Instrument :

BNA_G

ClientSampleId :

MW-3-111418

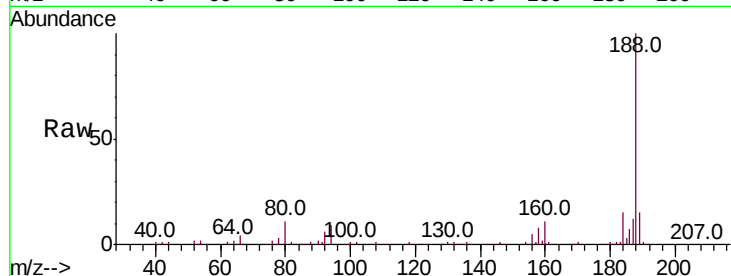
Tot Ion:188 Resp: 309405

Ion Ratio Lower Upper

188 100

94 8.8 7.2 10.8

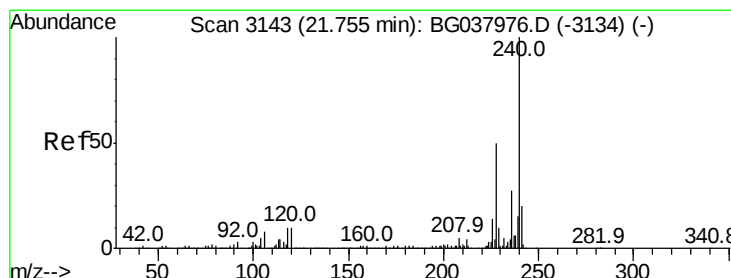
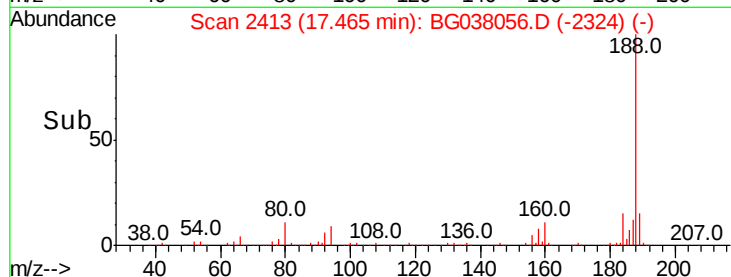
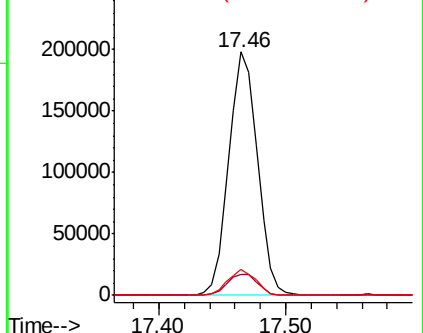
80 10.5 7.7 11.5



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: 21.75 min Scan# 3142

Delta R.T. -0.01 min

Lab File: BG038056.D

Acq: 17 Nov 2018 5:48

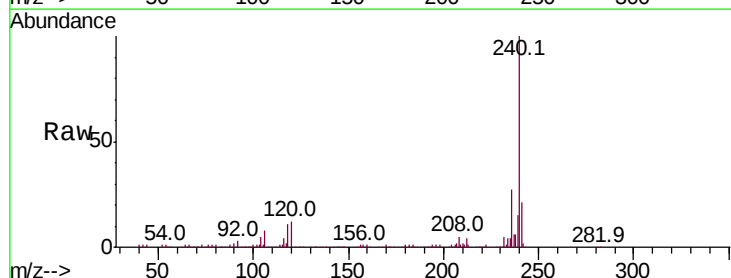
Tgt Ion:240 Resp: 292173

Ion Ratio Lower Upper

240 100

120 11.7 8.1 12.1

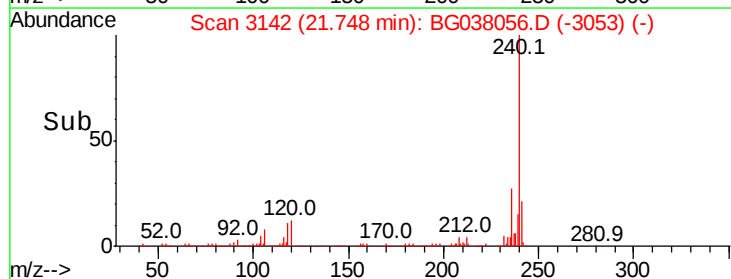
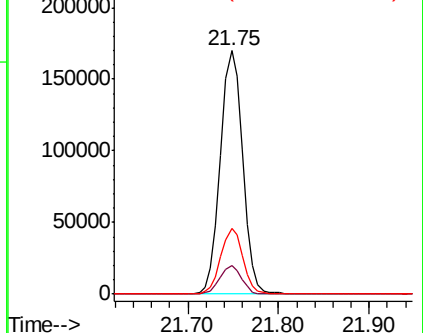
236 27.2 21.4 32.0

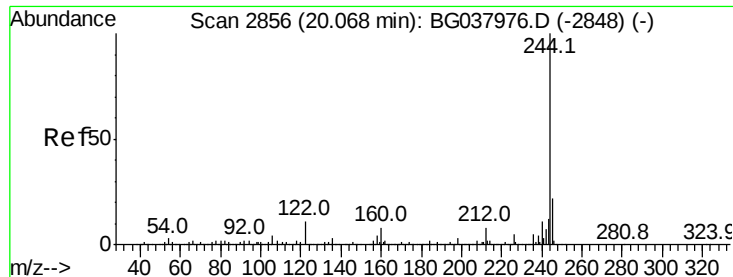


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



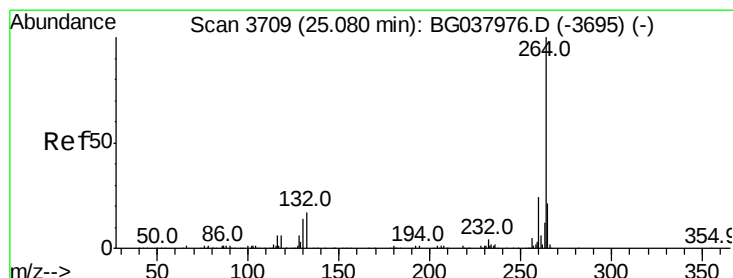
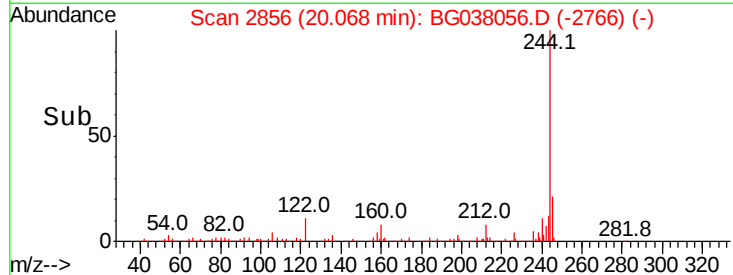
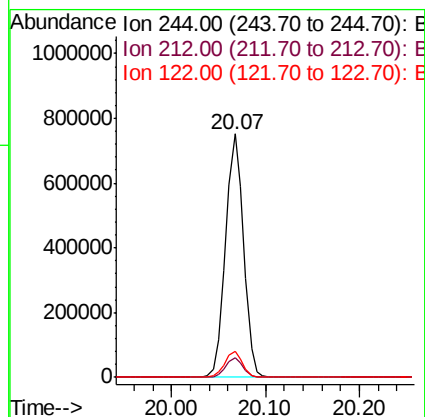
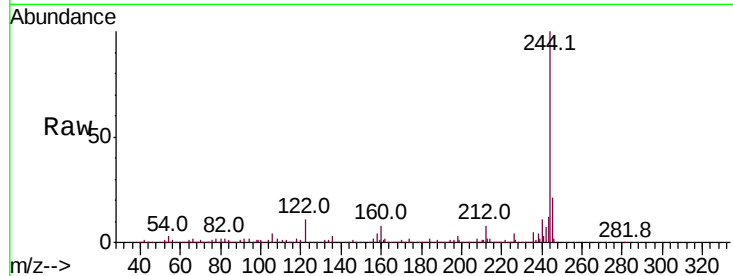


#79
 Terphenyl-d14
 Concen: 80.786 ng
 RT: 20.07 min Scan# 2856
 Delta R.T. -0.00 min
 Lab File: BG038056.D
 Acq: 17 Nov 2018 5:48

Instrument :
 BNA_G
 ClientSampleId :
 MW-3-111418

Tot Ion:244 Resp: 1003114

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	10.6	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: BG038056.D
 Acq: 17 Nov 2018 5:48

Tgt Ion:264 Resp: 298730

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.4
265	21.6	17.9	26.9

