

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112718\
 Data File : BG038172.D
 Acq On : 27 Nov 2018 18:18
 Operator : JU/SJ
 Sample : J6047-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EP2-MW-101

Quant Time: Nov 28 04:10:20 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

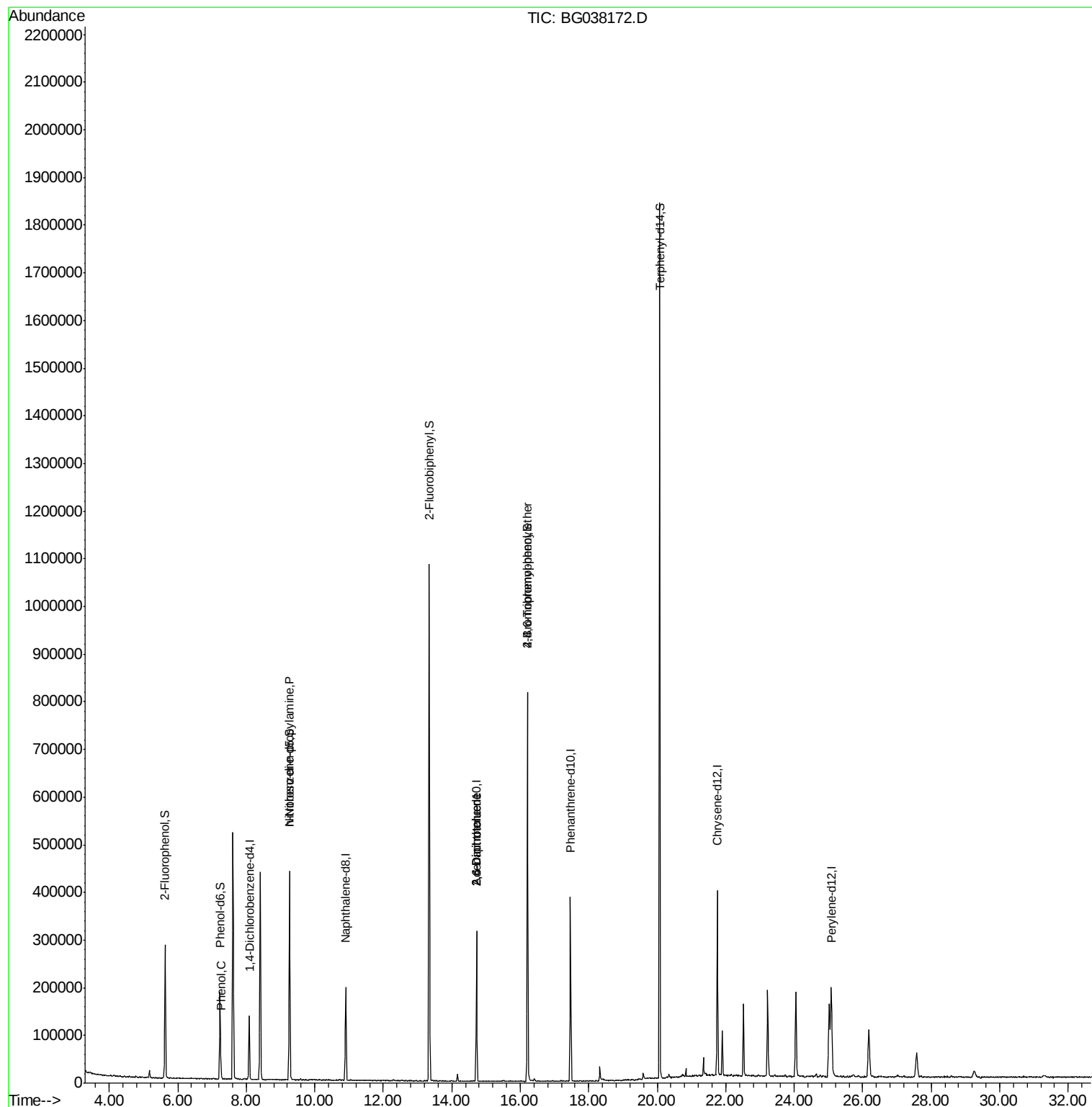
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	38522	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	174854	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	111421	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	250992	20.00	ng	0.00
76) Chrysene-d12	21.76	240	229384	20.00	ng	0.00
87) Perylene-d12	25.08	264	227797	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	127740	57.25	ng	0.00
7) Phenol-d6	7.23	99	116237	36.50	ng	0.00
23) Nitrobenzene-d5	9.26	82	268010	82.05	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	144099	113.40	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	587660	76.84	ng	0.00
79) Terphenyl-d14	20.07	244	867123	88.95	ng	0.00
Target Compounds						
10) Phenol	7.26	94	8987	2.664	ng	93
19) n-Nitroso-di-n-propylamine	9.26	70	33994	14.751	ng	# 74
51) 2,6-Dinitrotoluene	14.72	165	14343	7.174	ng	# 23
57) 2,4-Dinitrotoluene	14.72	165	14343	5.273	ng	# 23
67) 4-Bromophenyl-phenylether	16.21	248	10436	3.788	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112718\
Data File : BG038172.D
Acq On : 27 Nov 2018 18:18
Operator : JU/SJ
Sample : J6047-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EP2-MW-101

Quant Time: Nov 28 04:10:20 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



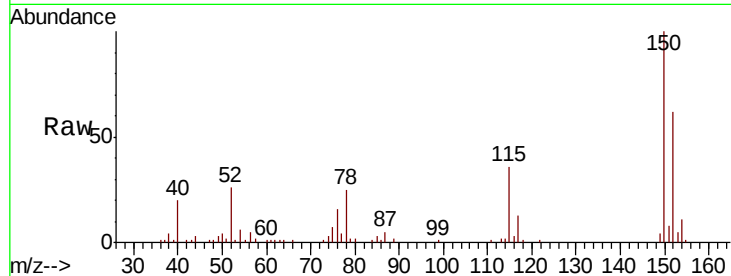


#1

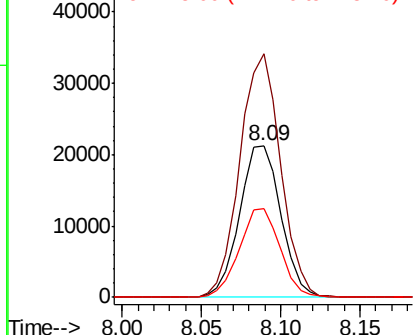
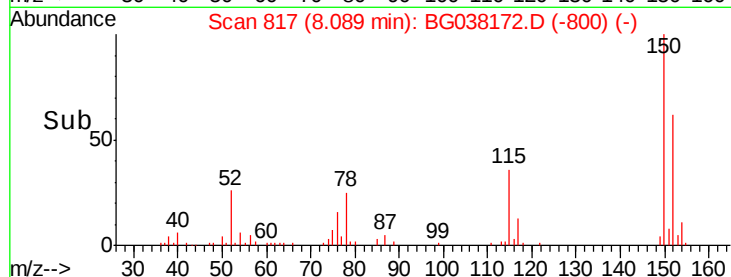
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. 0.00 min
Lab File: BG038172.D
Acq: 27 Nov 2018 18:18

Instrument :
BNA_G
ClientSampleId :
EP2-MW-101

Tgt Ion:152 Resp: 38522
Ion Ratio Lower Upper
152 100
150 160.4 126.0 189.0
115 58.4 45.5 68.3



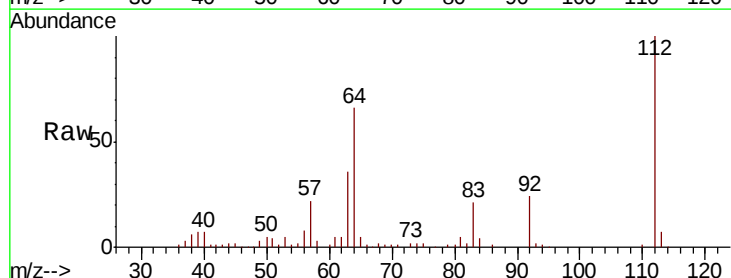
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



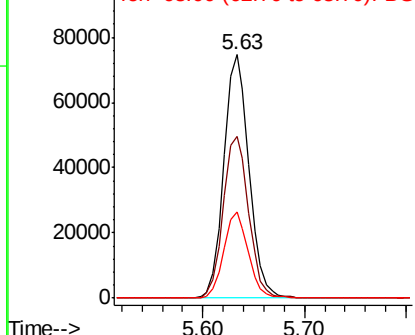
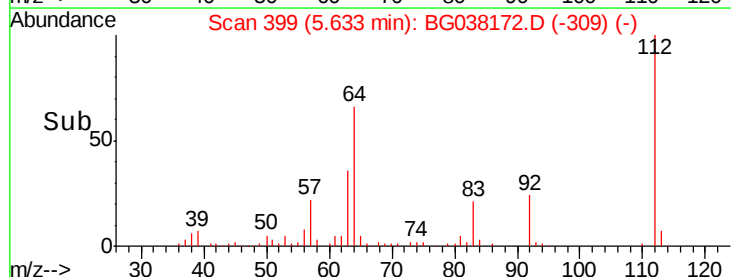
#5

2-Fluorophenol
Concen: 57.253 ng
RT: 5.63 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG038172.D
Acq: 27 Nov 2018 18:18

Tgt Ion:112 Resp: 127740
Ion Ratio Lower Upper
112 100
64 66.4 53.1 79.7
63 35.5 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: 36.497 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038172.D

Acq: 27 Nov 2018 18:18

Instrument :

BNA_G

ClientSampleId :

EP2-MW-101

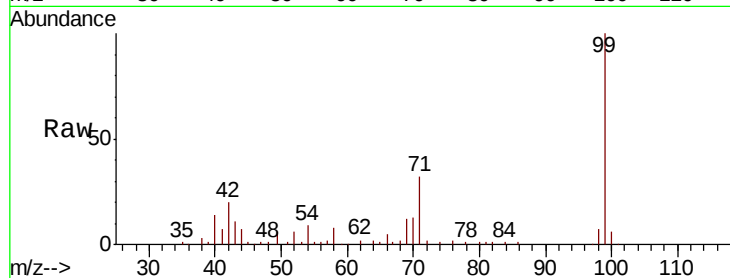
Tgt Ion: 99 Resp: 116237

Ion Ratio Lower Upper

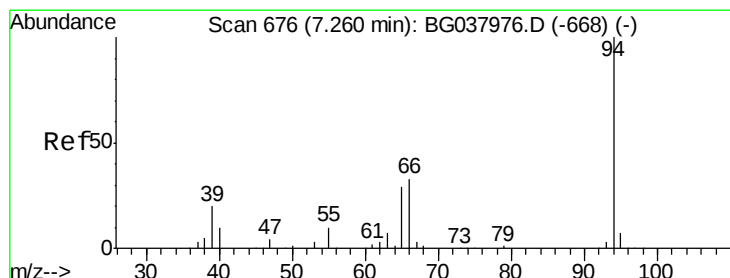
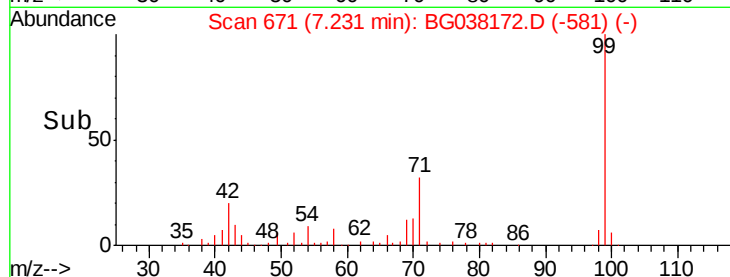
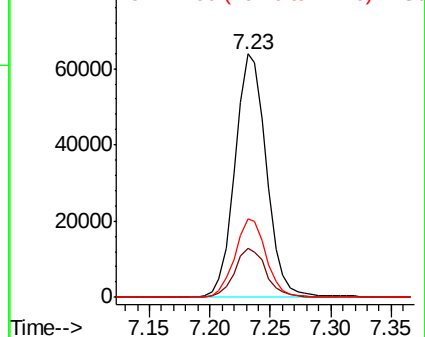
99 100

42 20.0 15.0 22.4

71 32.3 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: 2.664 ng

RT: 7.26 min Scan# 676

Delta R.T. 0.00 min

Lab File: BG038172.D

Acq: 27 Nov 2018 18:18

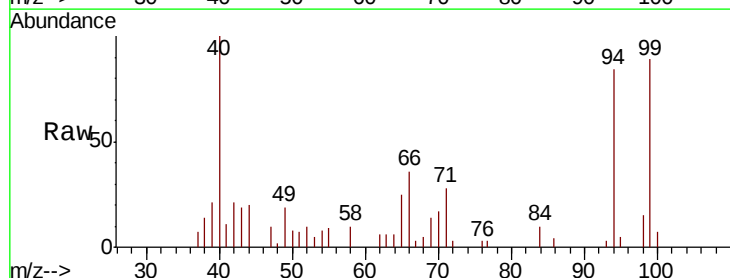
Tgt Ion: 94 Resp: 8987

Ion Ratio Lower Upper

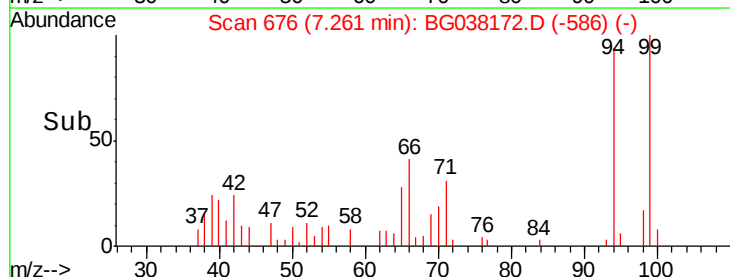
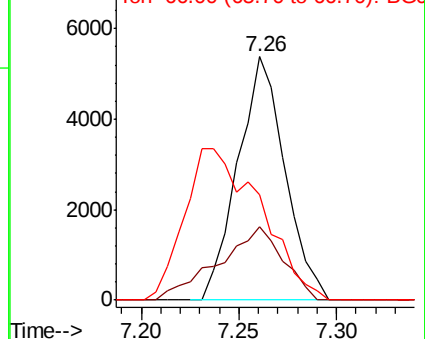
94 100

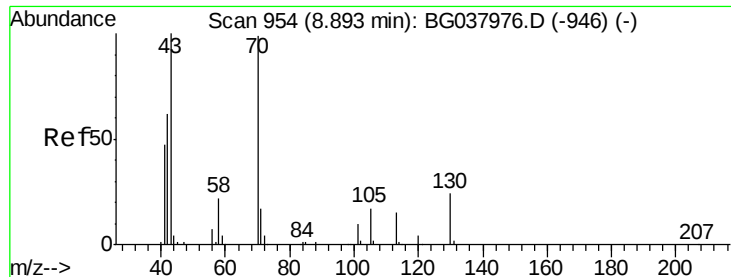
65 30.0 9.7 49.7

66 43.4 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

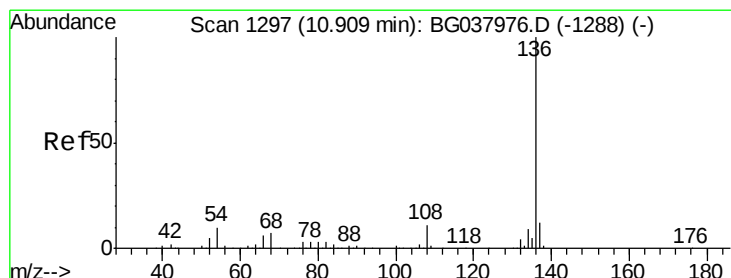
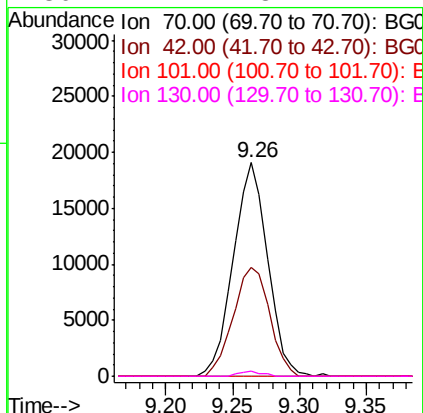
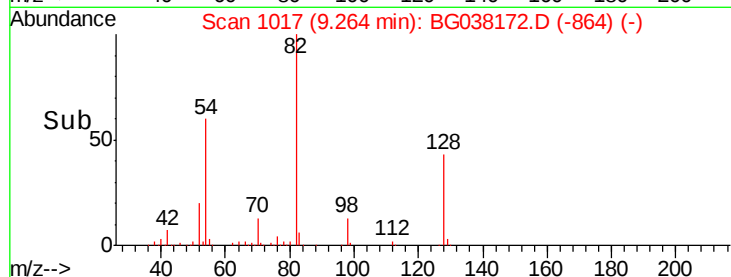
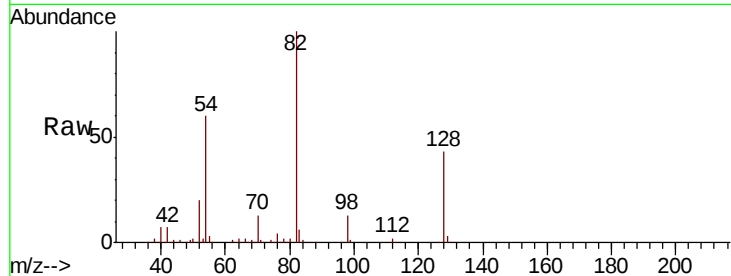




#19
n-Nitroso-di-n-propylamine
Concen: 14.751 ng
RT: 9.26 min Scan# 1017
Delta R.T. 0.37 min
Lab File: BG038172.D
Acq: 27 Nov 2018 18:18

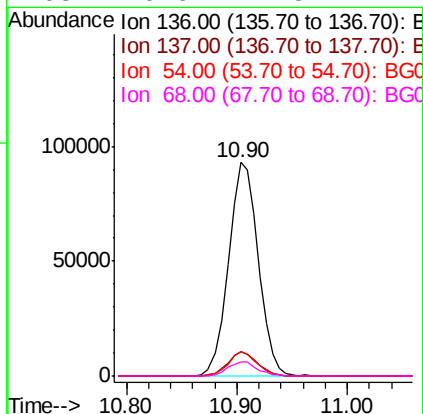
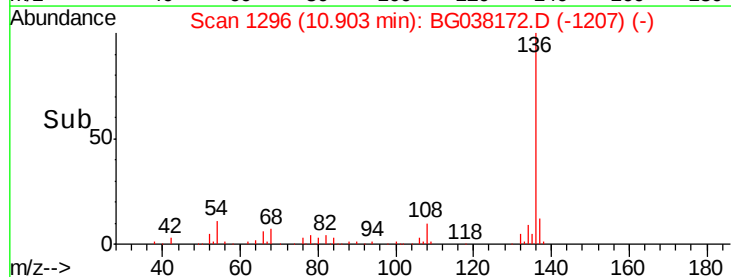
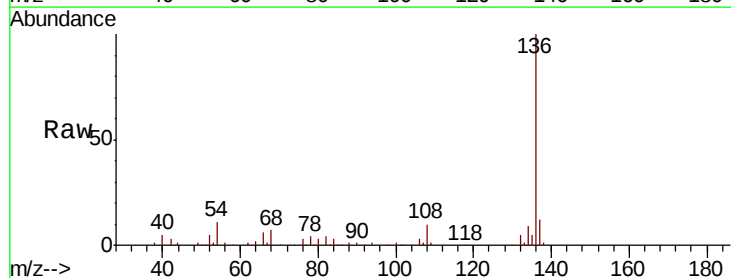
Instrument :
BNA_G
ClientSampleId :
EP2-MW-101

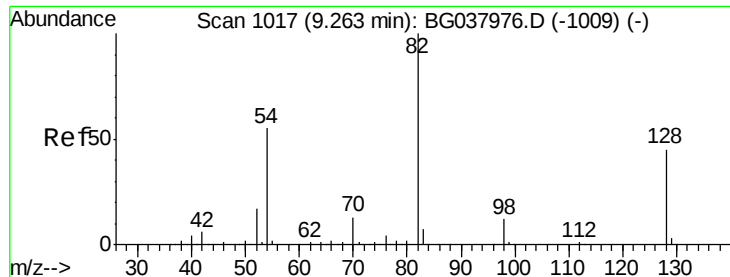
Tgt Ion: 70 Resp: 33994
Ion Ratio Lower Upper
70 100
42 51.0 53.9 80.9#
101 0.0 8.2 12.2#
130 2.1 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BG038172.D
Acq: 27 Nov 2018 18:18

Tgt Ion: 136 Resp: 174854
Ion Ratio Lower Upper
136 100
137 11.7 9.6 14.4
54 11.5 7.9 11.9
68 6.6 4.8 7.2

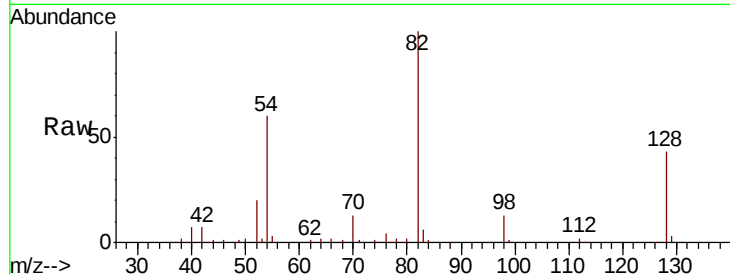




#23
 Nitrobenzene-d5
 Concen: 82.049 ng
 RT: 9.26 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BG038172.D
 Acq: 27 Nov 2018 18:18

Instrument :
 BNA_G
 ClientSampleId :
 EP2-MW-101

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.0	34.6	51.8
54	59.8	45.3	67.9

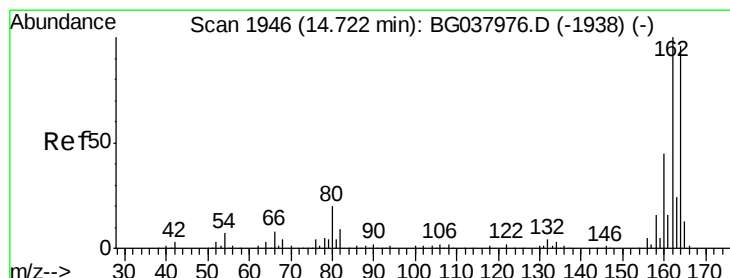
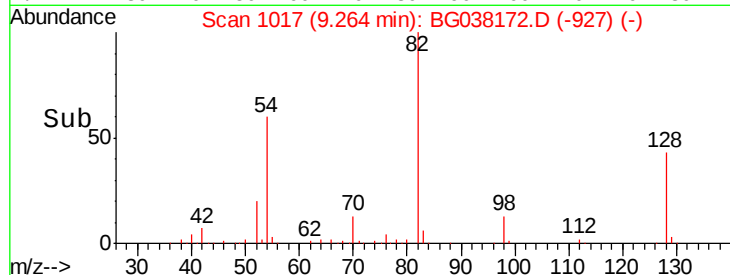
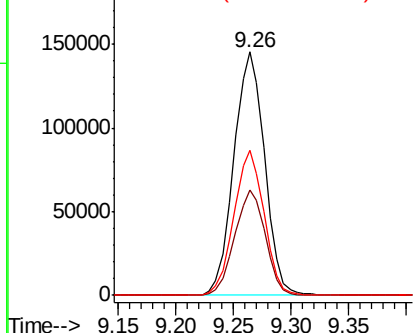


Abundance

Ion 82.00 (81.70 to 82.70): BGC

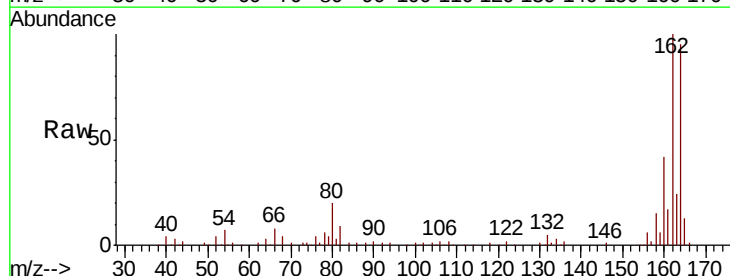
Ion 128.00 (127.70 to 128.70): BGC

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: BG038172.D
 Acq: 27 Nov 2018 18:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	81.3	121.9
160	43.9	36.3	54.5

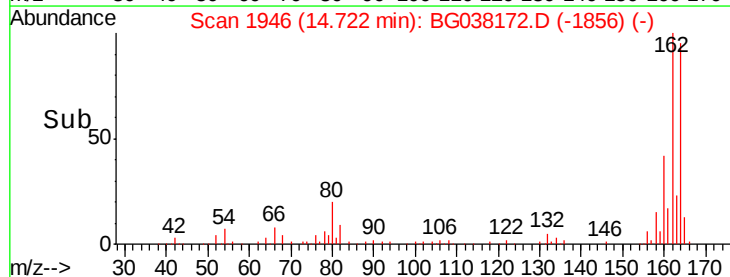
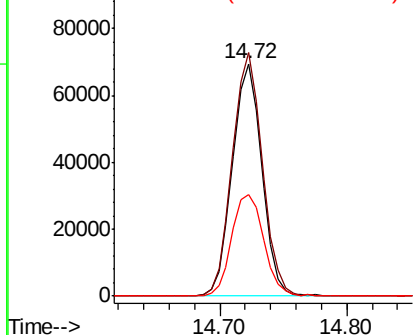


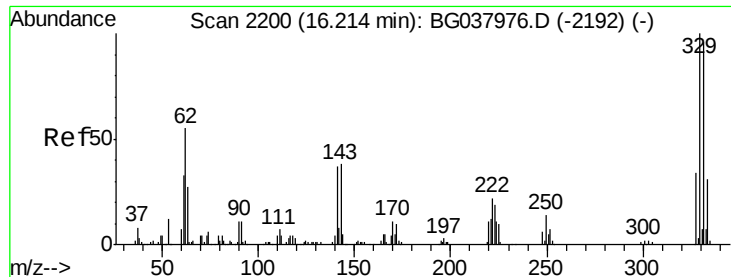
Abundance

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: 113.399 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG038172.D

Acq: 27 Nov 2018 18:18

Instrument :

BNA_G

ClientSampleId :

EP2-MW-101

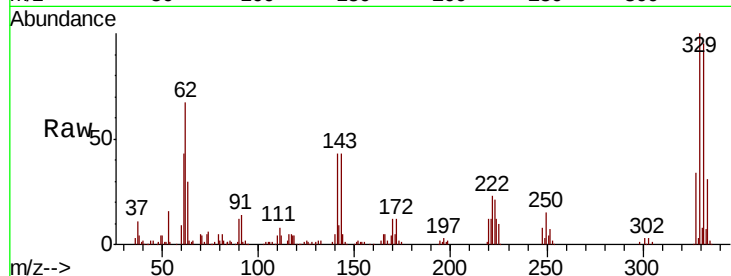
Tgt Ion:330 Resp: 144099

Ion Ratio Lower Upper

330 100

332 96.0 78.4 117.6

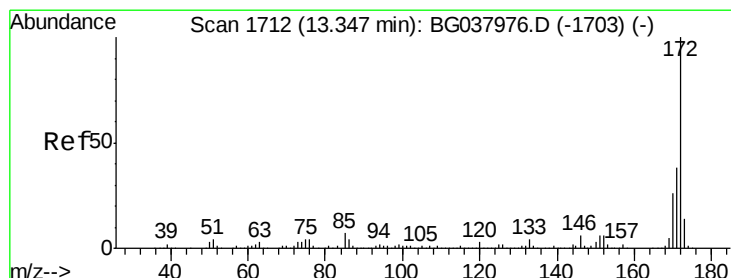
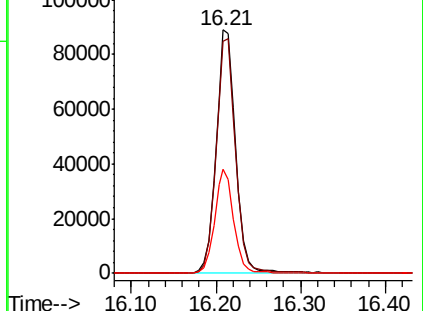
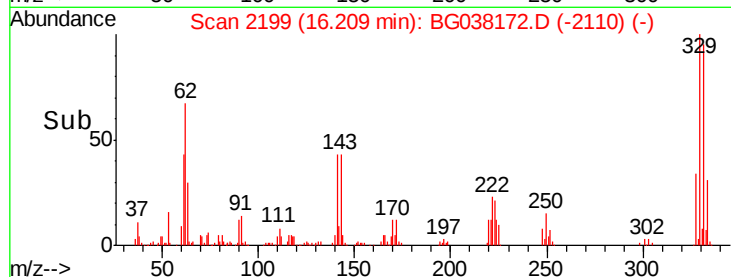
141 41.6 32.2 48.2



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: 76.838 ng

RT: 13.34 min Scan# 1711

Delta R.T. -0.01 min

Lab File: BG038172.D

Acq: 27 Nov 2018 18:18

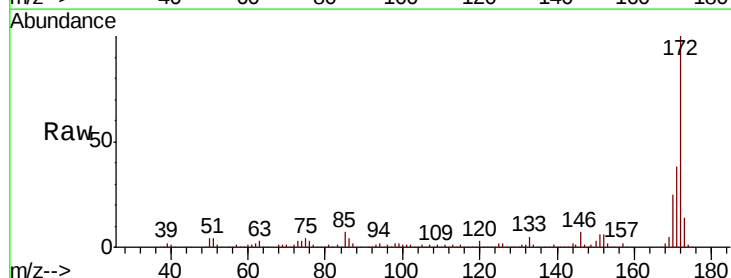
Tgt Ion:172 Resp: 587660

Ion Ratio Lower Upper

172 100

171 37.7 31.0 46.4

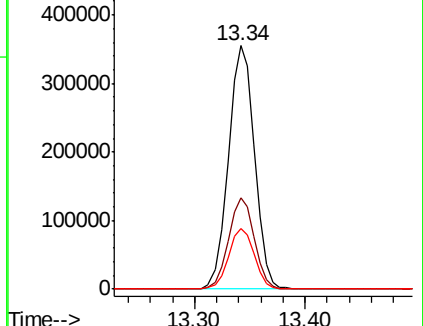
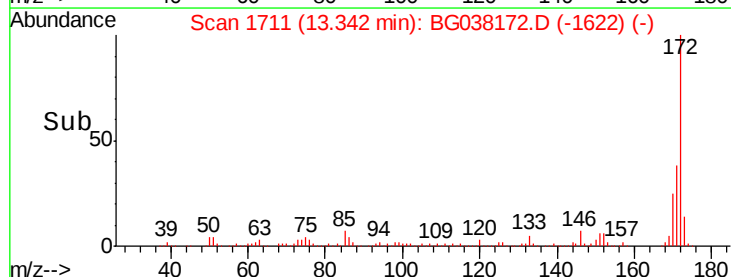
170 24.8 20.2 30.2

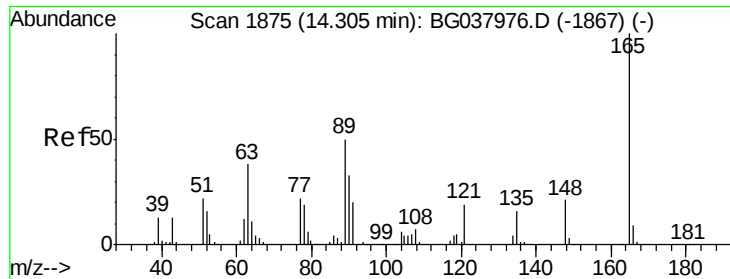


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

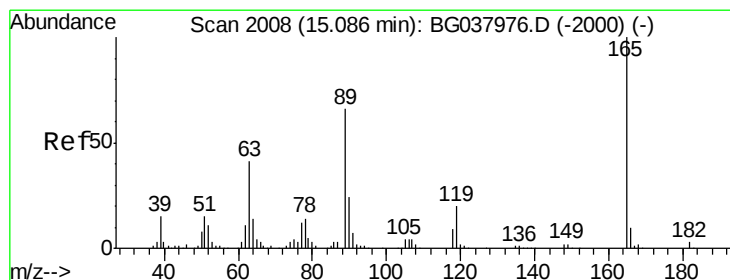
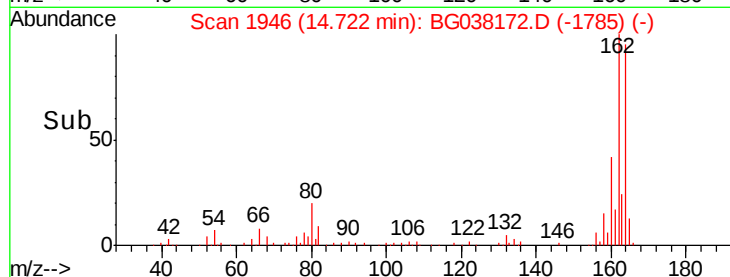
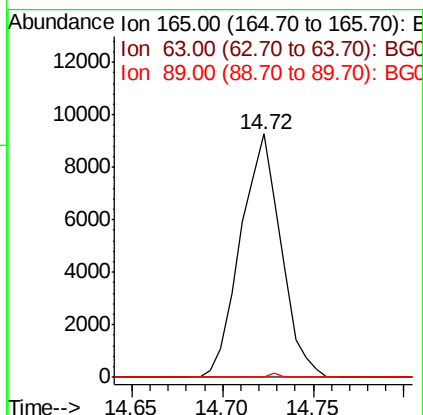
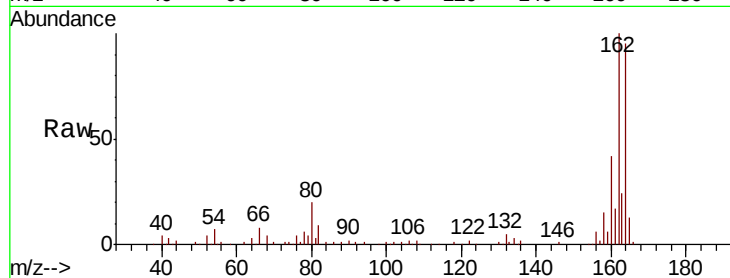




#51
 2,6-Dinitrotoluene
 Concen: 7.174 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. 0.42 min
 Lab File: BG038172.D
 Acq: 27 Nov 2018 18:18

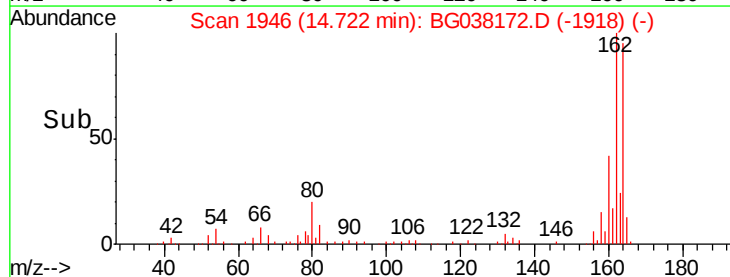
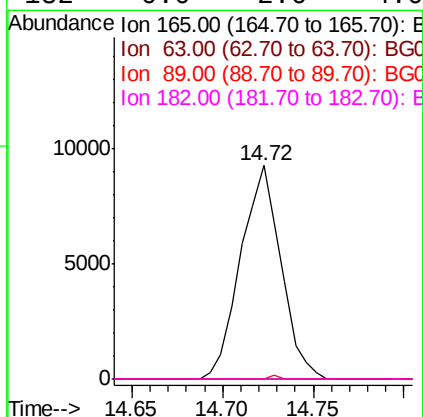
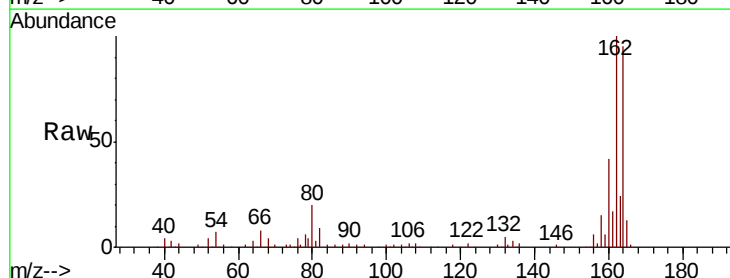
Instrument :
 BNA_G
 ClientSampleId :
 EP2-MW-101

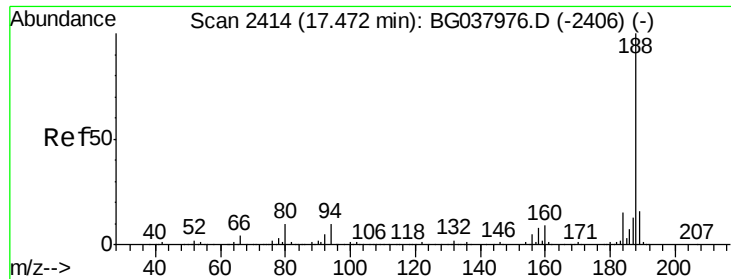
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	0.0	45.8	68.6#



#57
 2,4-Dinitrotoluene
 Concen: 5.273 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.36 min
 Lab File: BG038172.D
 Acq: 27 Nov 2018 18:18

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#

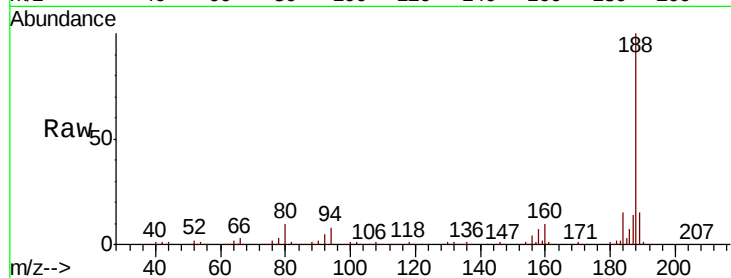




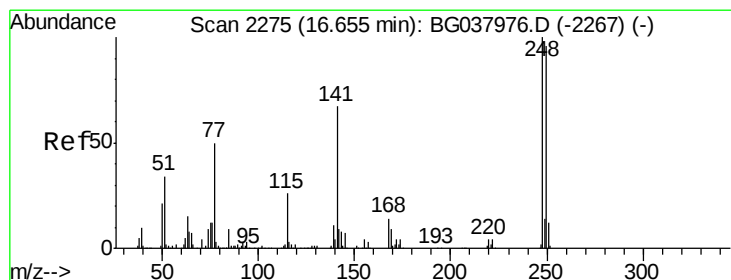
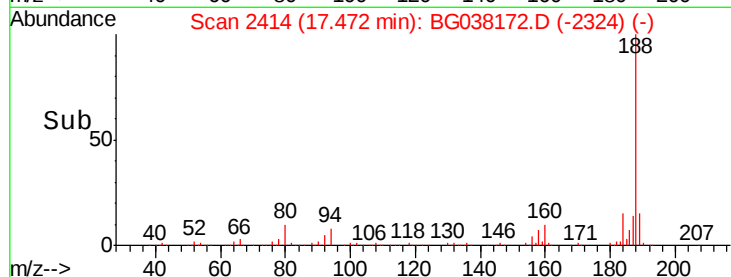
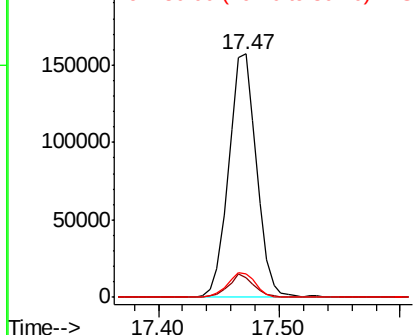
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. 0.00 min
Lab File: BG038172.D
Acq: 27 Nov 2018 18:18

Instrument :
BNA_G
ClientSampleId :
EP2-MW-101

Tgt Ion:188 Resp: 250992
Ion Ratio Lower Upper
188 100
94 8.1 7.2 10.8
80 9.6 7.7 11.5

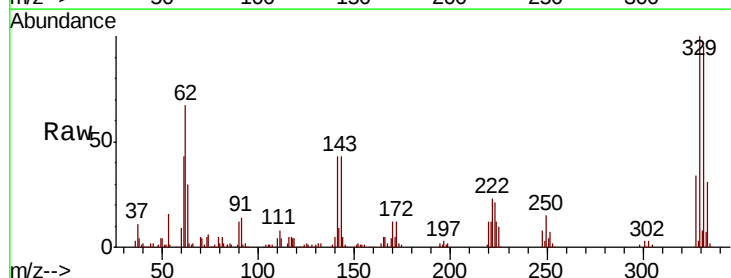


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

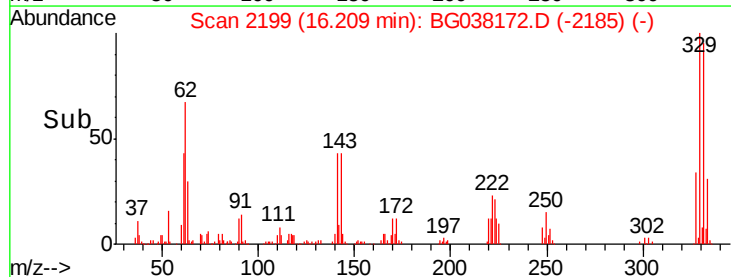
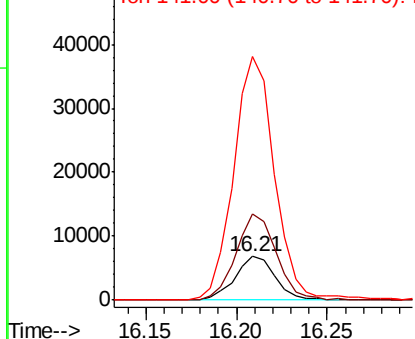


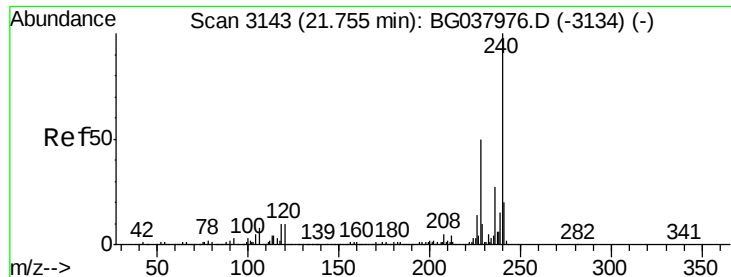
#67
4-Bromophenyl-phenylether
Concen: 3.788 ng
RT: 16.21 min Scan# 2199
Delta R.T. -0.45 min
Lab File: BG038172.D
Acq: 27 Nov 2018 18:18

Tgt Ion:248 Resp: 10436
Ion Ratio Lower Upper
248 100
250 190.5 77.0 115.6#
141 416.2 55.5 83.3#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

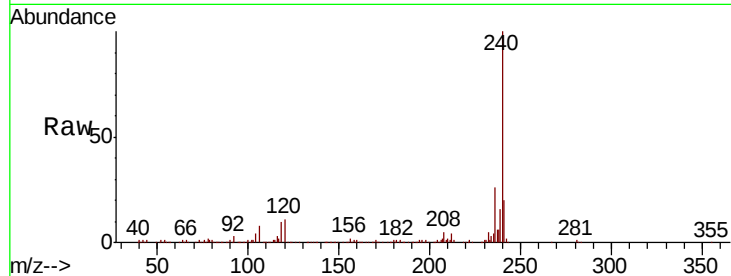




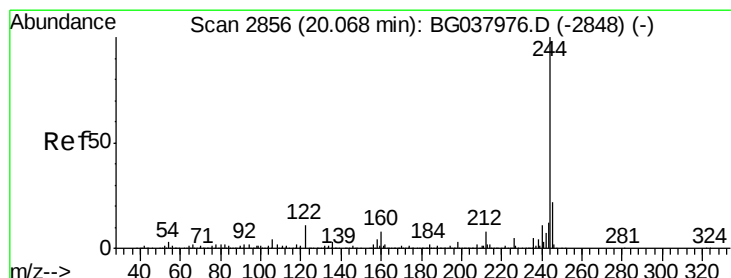
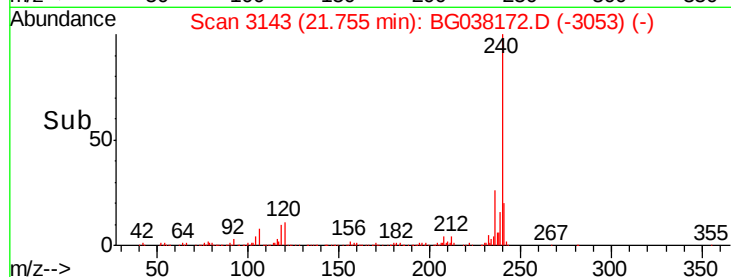
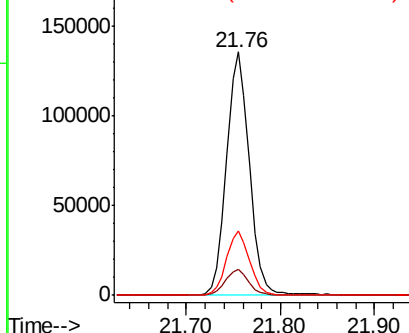
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3143
Delta R.T. 0.00 min
Lab File: BG038172.D
Acq: 27 Nov 2018 18:18

Instrument :
BNA_G
ClientSampleId :
EP2-MW-101

Tgt Ion:240 Resp: 229384
Ion Ratio Lower Upper
240 100
120 10.6 8.1 12.1
236 26.5 21.4 32.0

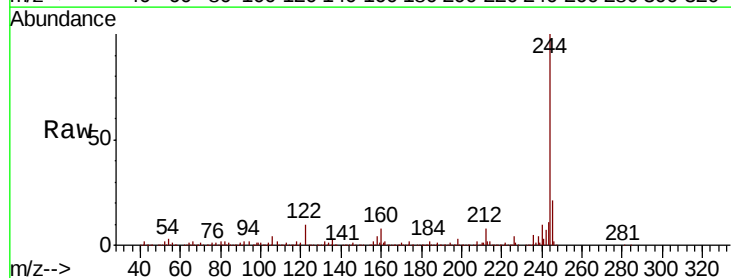


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

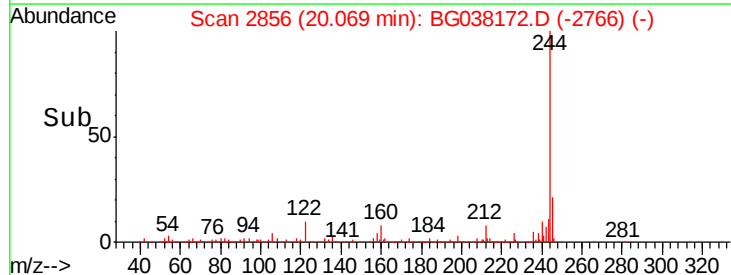
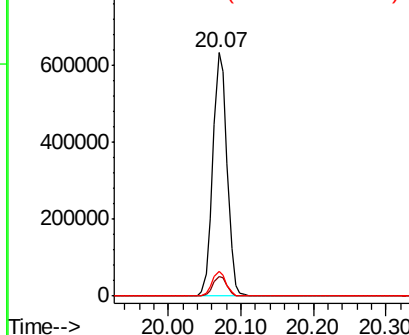


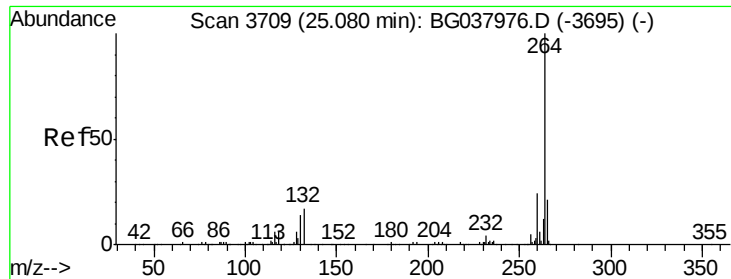
#79
Terphenyl-d14
Concen: 88.949 ng
RT: 20.07 min Scan# 2856
Delta R.T. 0.00 min
Lab File: BG038172.D
Acq: 27 Nov 2018 18:18

Tgt Ion:244 Resp: 867123
Ion Ratio Lower Upper
244 100
212 8.1 6.5 9.7
122 10.3 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
Perylene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3709
Delta R.T. 0.00 min
Lab File: BG038172.D
Acq: 27 Nov 2018 18:18

Instrument :
BNA_G
ClientSampleId :
EP2-MW-101

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.2	27.4
265	21.4	17.9	26.9

