

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081018\
 Data File : BG036276.D
 Acq On : 10 Aug 2018 20:41
 Operator : JU/SJ
 Sample : J4379-22
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-101S

Quant Time: Aug 11 00:00:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

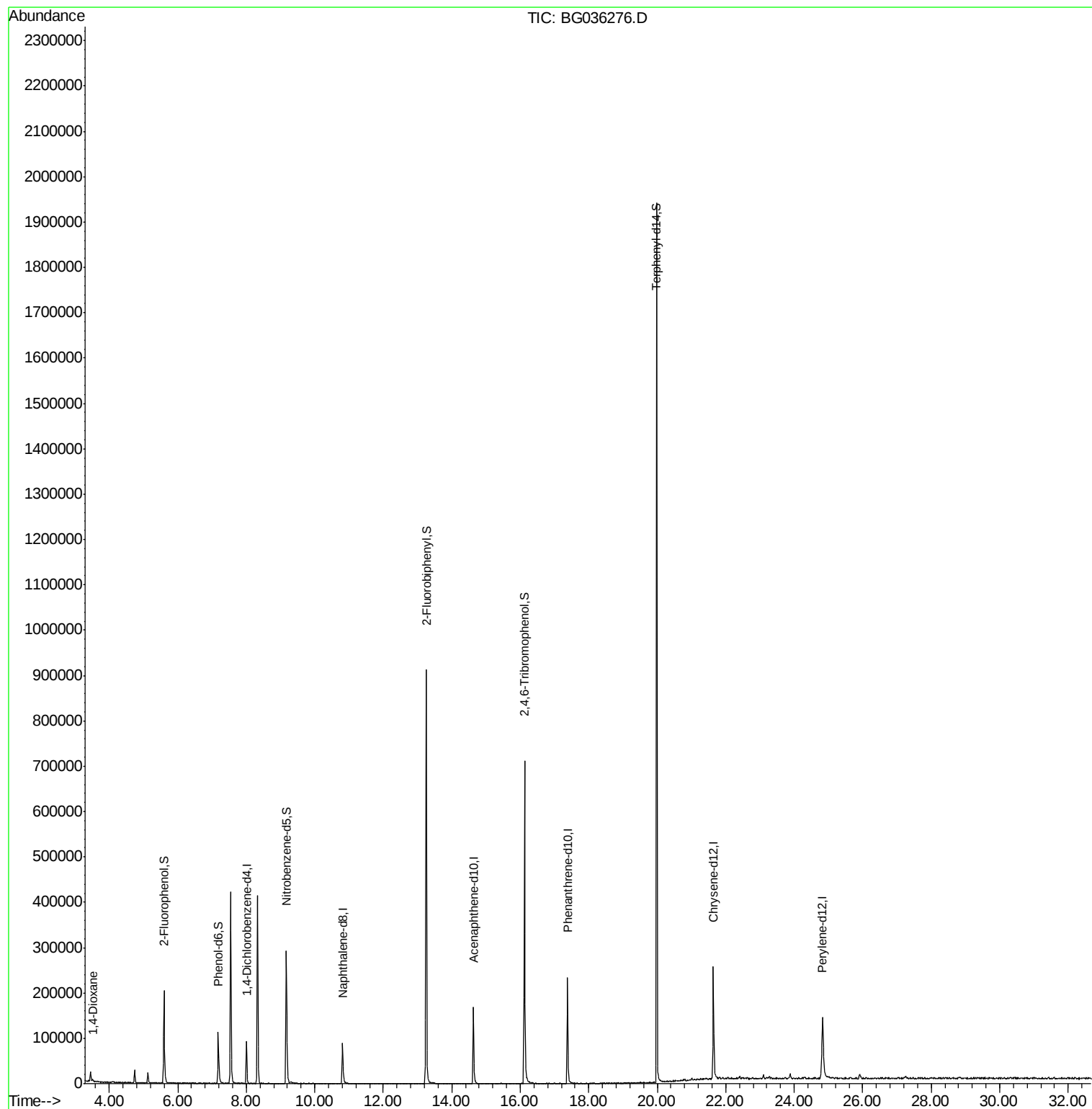
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	26865	20.00	ng	-0.01
21) Naphthalene-d8	10.81	136	96922	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	69562	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	177640	20.00	ng	-0.01
75) Chrysene-d12	21.64	240	190916	20.00	ng	-0.02
86) Perylene-d12	24.83	264	178587	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	95884	59.26	ng	0.00
7) Phenol-d6	7.18	99	81722	33.85	ng	-0.01
23) Nitrobenzene-d5	9.17	82	225462	97.18	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	146924	160.24	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	546065	105.17	ng	-0.02
78) Terphenyl-d14	19.98	244	960910	110.95	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.51	88	3093	3.756	ng	Qvalue # 89

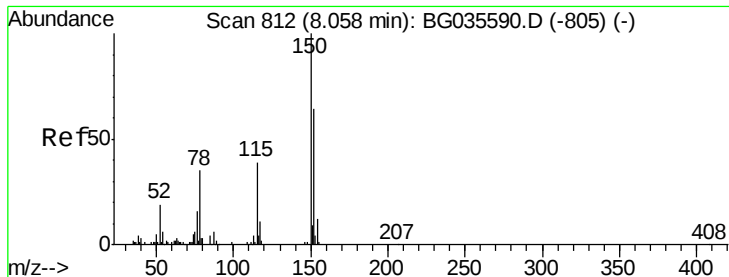
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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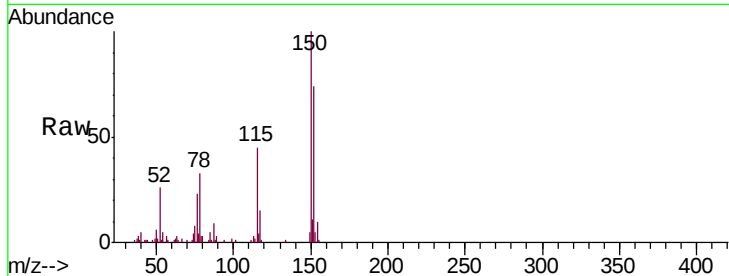


#1

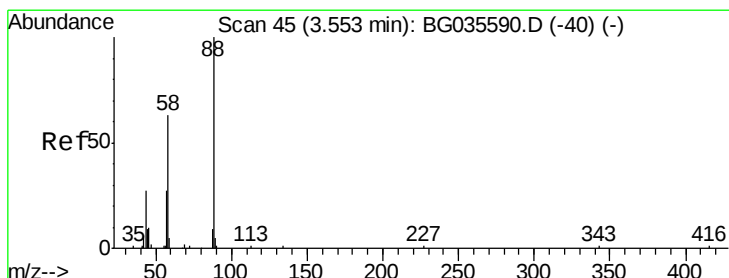
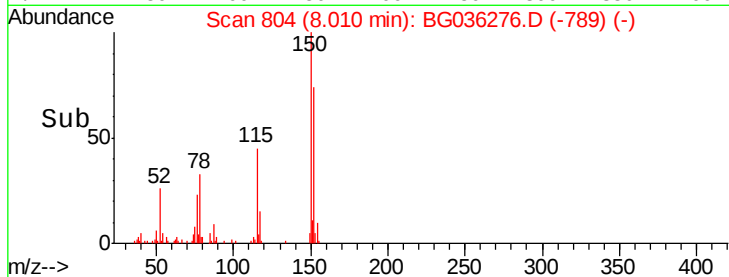
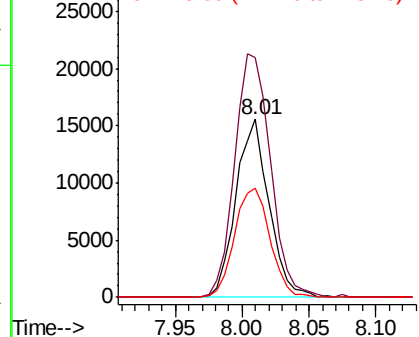
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 804
Delta R.T. -0.01 min
Lab File: BG036276.D
Acq: 10 Aug 2018 20:41

Instrument :
BNA_G
ClientSampleId :
MW-101S

Tgt Ion:152 Resp: 26865
Ion Ratio Lower Upper
152 100
150 134.9 126.6 189.8
115 61.1 53.0 79.4



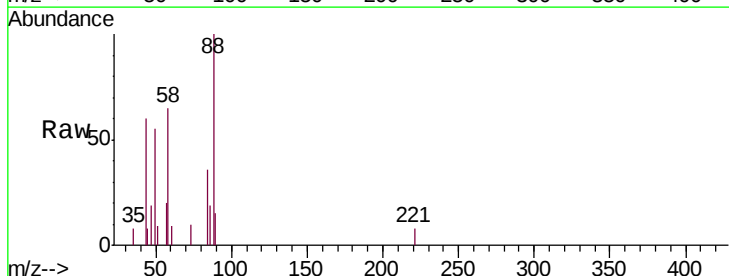
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



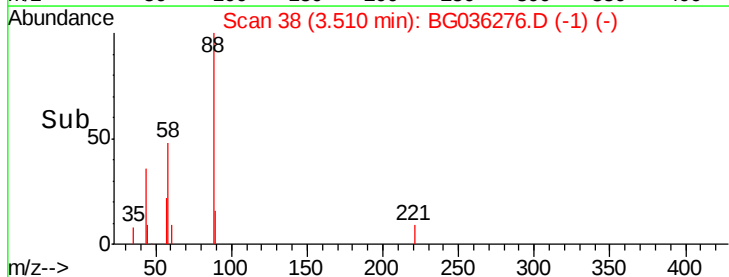
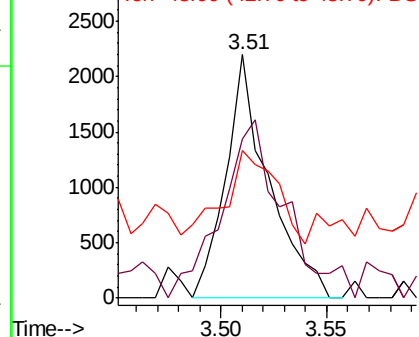
#2

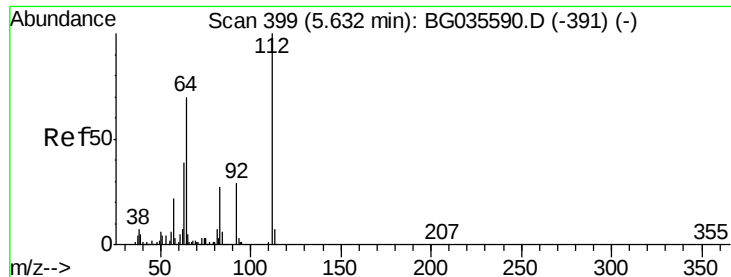
1,4-Dioxane
Concen: 3.756 ng
RT: 3.51 min Scan# 38
Delta R.T. -0.01 min
Lab File: BG036276.D
Acq: 10 Aug 2018 20:41

Tgt Ion: 88 Resp: 3093
Ion Ratio Lower Upper
88 100
58 106.8 79.6 119.4
43 47.3 27.4 41.0#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 59.256 ng

RT: 5.60 min Scan# 393

Delta R.T. -0.01 min

Lab File: BG036276.D

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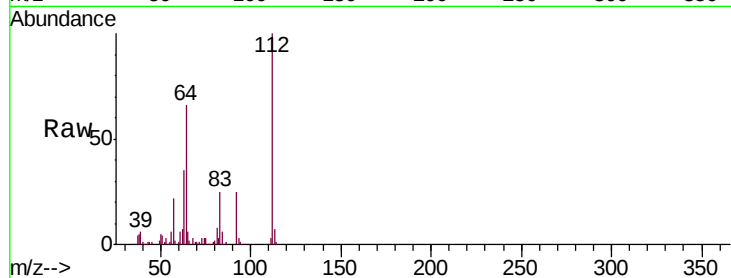
Tgt Ion: 112 Resp: 95884

Ion Ratio Lower Upper

112 100

64 66.3 56.3 84.5

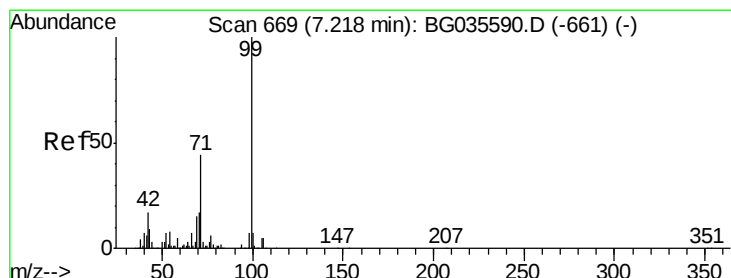
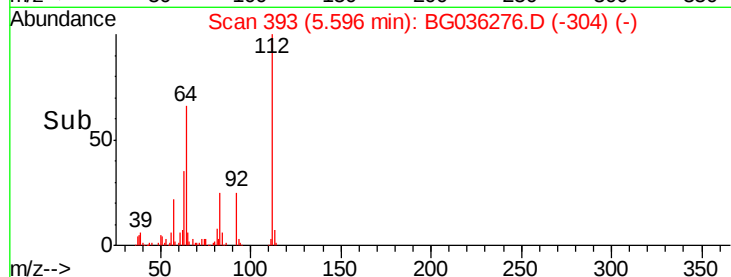
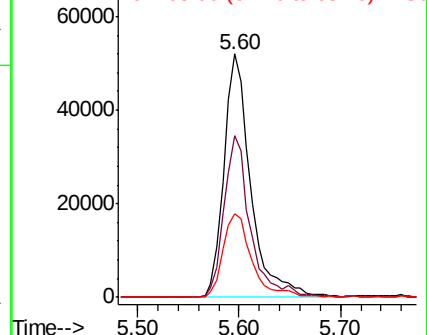
63 34.5 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 33.850 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036276.D

Acq: 10 Aug 2018 20:41

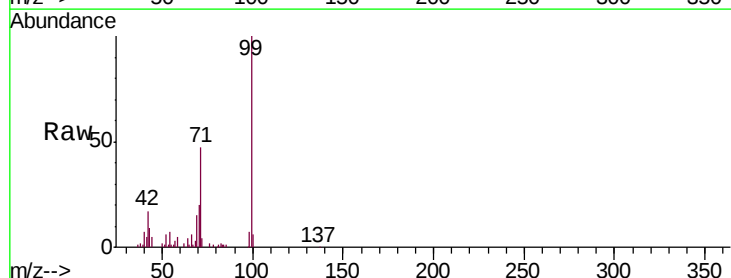
Tgt Ion: 99 Resp: 81722

Ion Ratio Lower Upper

99 100

42 17.1 14.1 21.1

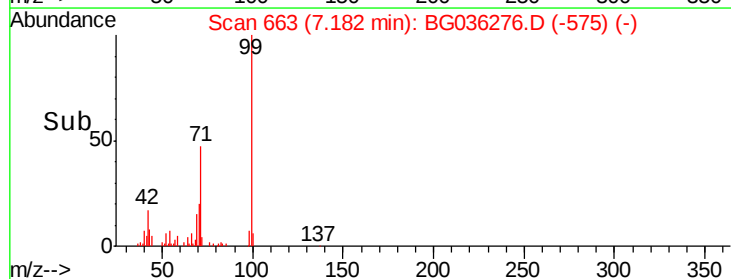
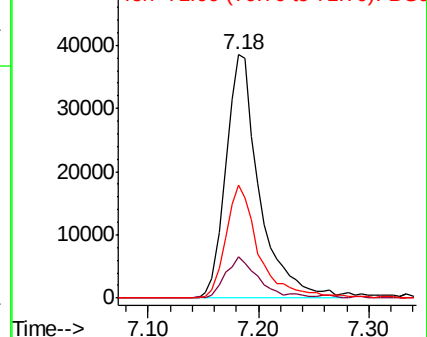
71 46.6 26.1 39.1#



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

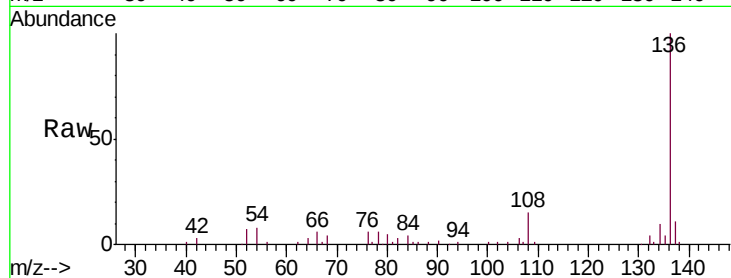




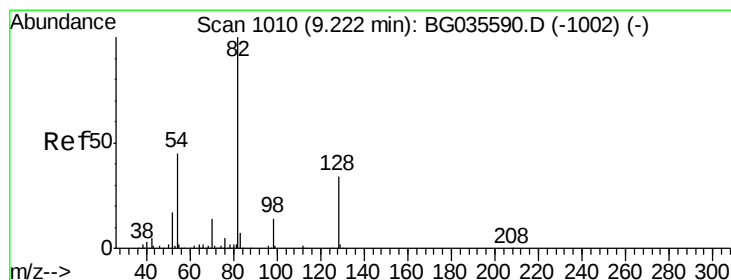
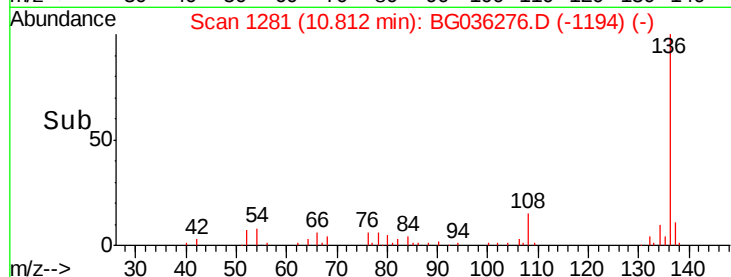
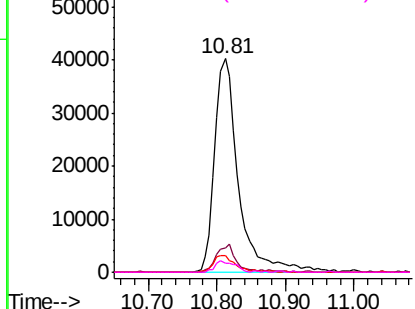
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BG036276.D
Acq: 10 Aug 2018 20:41

Instrument :
BNA_G
ClientSampleId :
MW-101S

Tgt Ion: 136 Resp: 96922
Ion Ratio Lower Upper
136 100
137 11.4 9.2 13.8
54 7.5 10.3 15.5#
68 4.3 4.5 6.7#

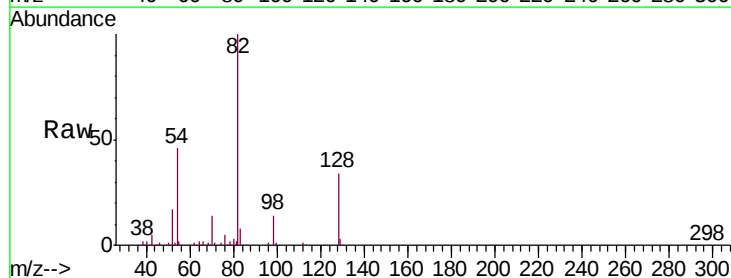


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

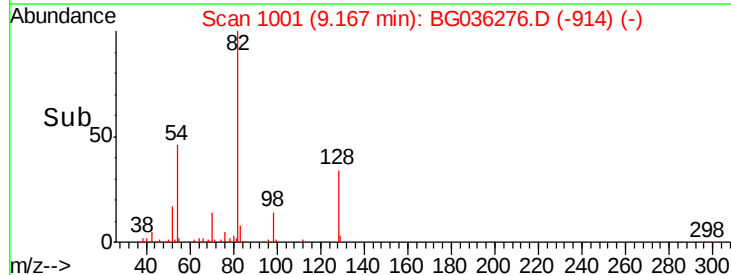
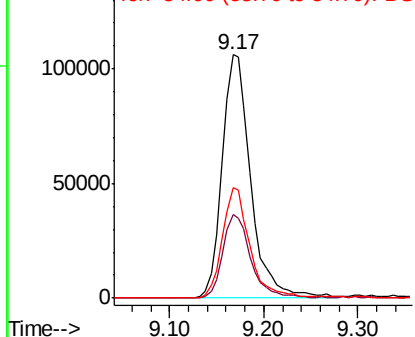


#23
Nitrobenzene-d5
Concen: 97.177 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BG036276.D
Acq: 10 Aug 2018 20:41

Tgt Ion: 82 Resp: 225462
Ion Ratio Lower Upper
82 100
128 34.5 29.7 44.5
54 45.6 43.1 64.7



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1931

Delta R.T. -0.02 min

Lab File: BG036276.D

Acq: 10 Aug 2018 20:41

Instrument :

BNA_G

ClientSampleId :

MW-101S

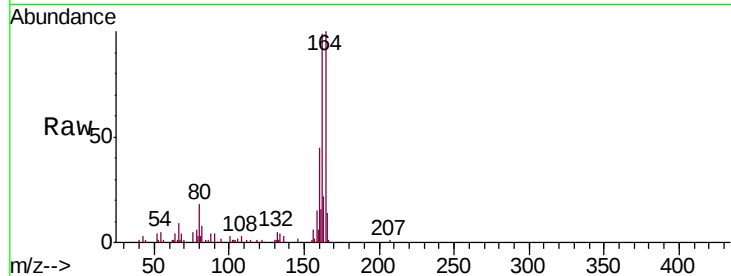
Tgt Ion:164 Resp: 69562

Ion Ratio Lower Upper

164 100

162 99.1 78.8 118.2

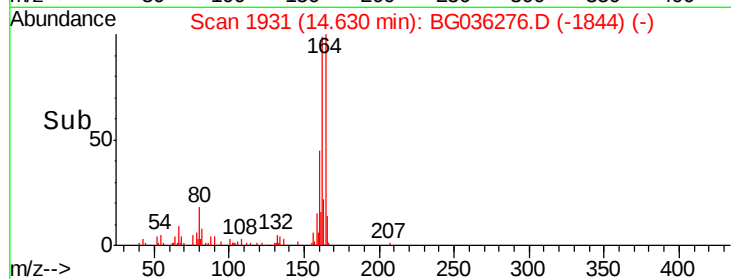
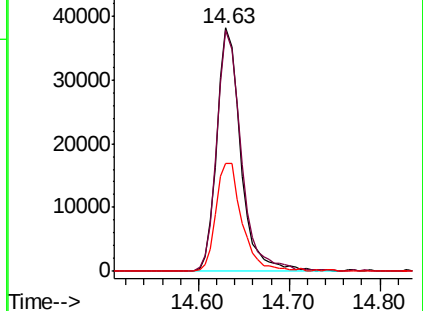
160 44.6 35.4 53.0



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



#41

2,4,6-Tribromophenol

Concen: 160.245 ng

RT: 16.12 min Scan# 2185

Delta R.T. -0.02 min

Lab File: BG036276.D

Acq: 10 Aug 2018 20:41

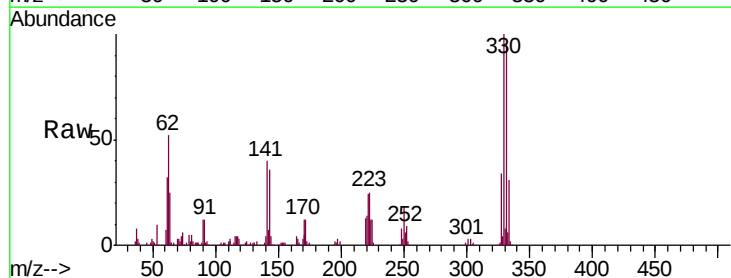
Tgt Ion:330 Resp: 146924

Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.6

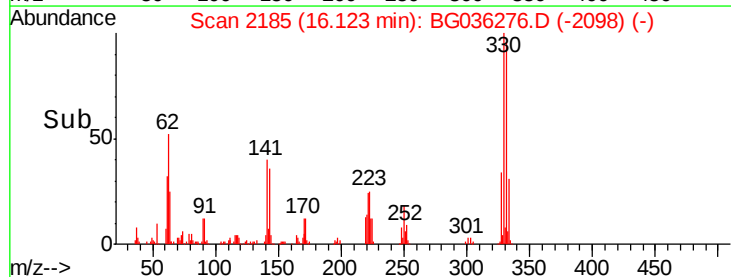
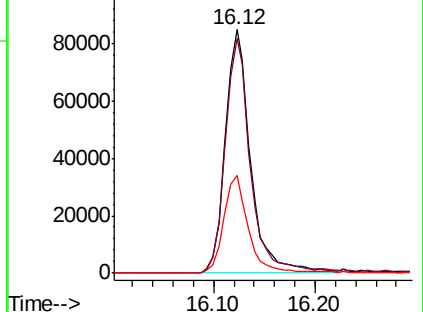
141 38.5 25.2 37.8#

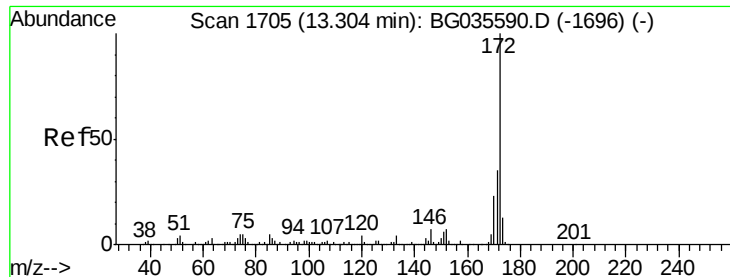


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

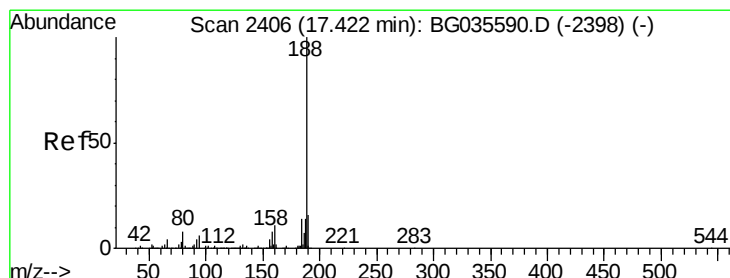
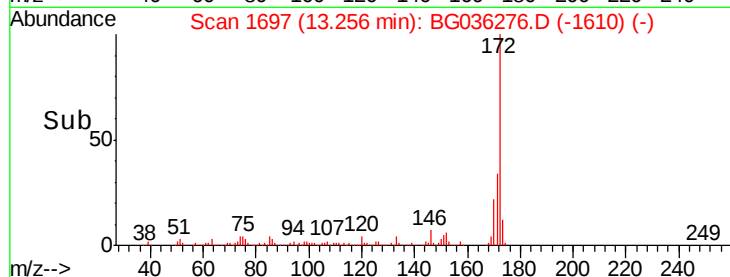
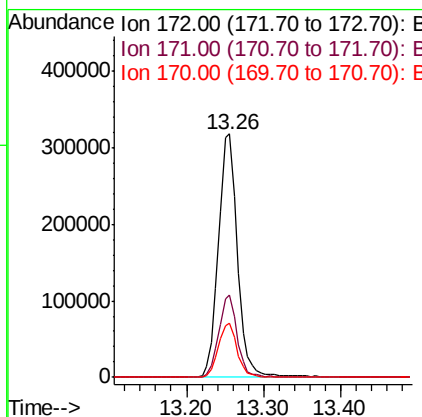
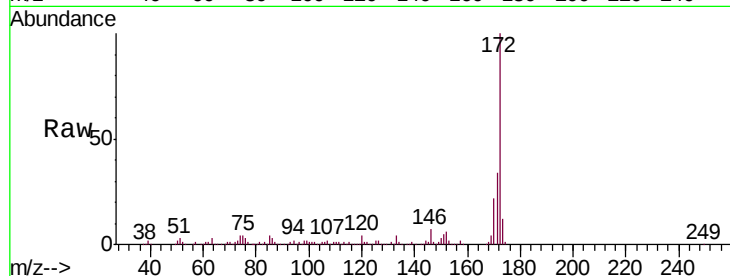




#44
 2-Fluorobiphenyl
 Concen: 105.170 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. -0.02 min
 Lab File: BG036276.D
 Acq: 10 Aug 2018 20:41

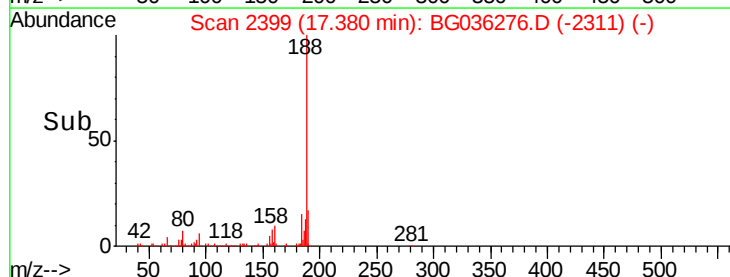
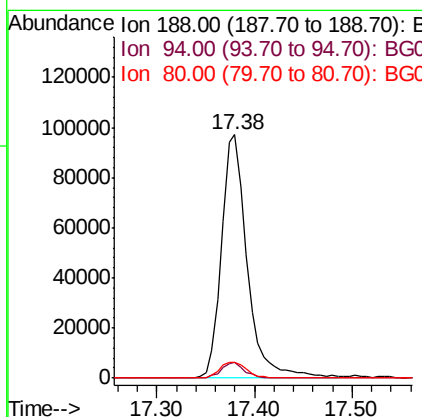
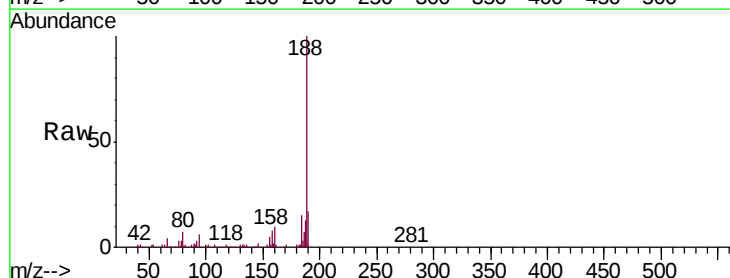
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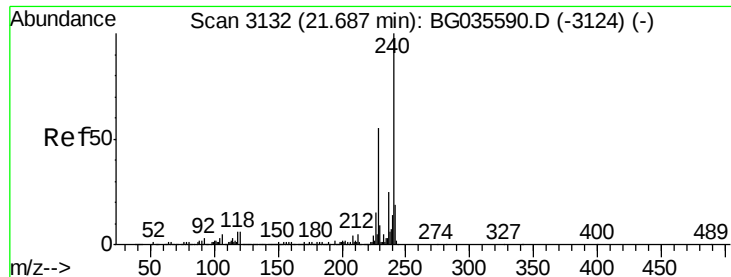
Tgt Ion:172 Resp: 546065
 Ion Ratio Lower Upper
 172 100
 171 33.9 30.0 45.0
 170 22.4 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.38 min Scan# 2399
 Delta R.T. -0.01 min
 Lab File: BG036276.D
 Acq: 10 Aug 2018 20:41

Tgt Ion:188 Resp: 177640
 Ion Ratio Lower Upper
 188 100
 94 6.4 6.9 10.3#
 80 6.5 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3124

Delta R.T. -0.02 min

Lab File: BG036276.D

Acq: 10 Aug 2018 20:41

Instrument :

BNA_G

ClientSampleId :

MW-101S

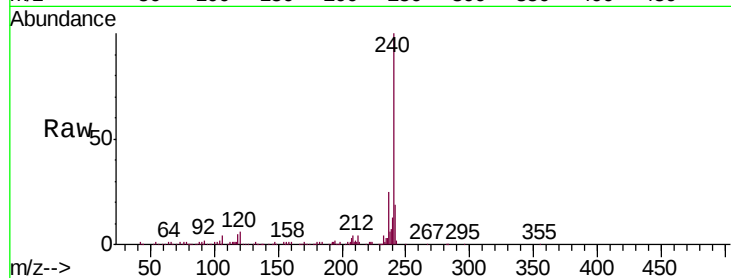
Tgt Ion:240 Resp: 190916

Ion Ratio Lower Upper

240 100

120 6.1 6.8 10.2#

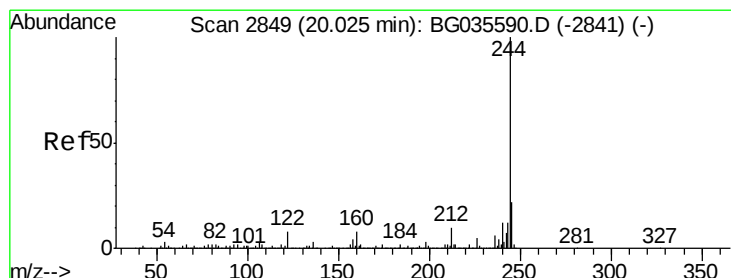
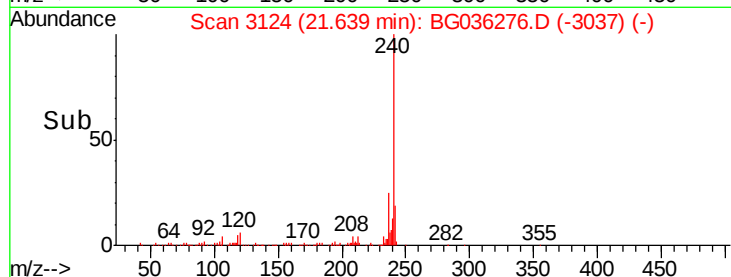
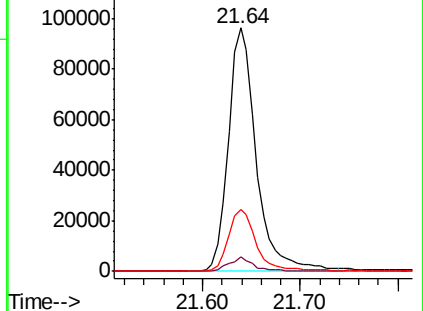
236 25.3 20.9 31.3



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



#78

Terphenyl-d14

Concen: 110.946 ng

RT: 19.98 min Scan# 2842

Delta R.T. -0.02 min

Lab File: BG036276.D

Acq: 10 Aug 2018 20:41

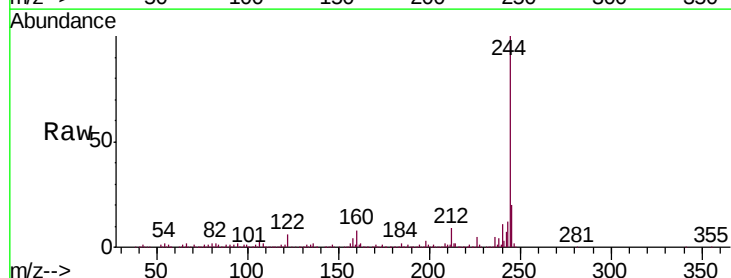
Tgt Ion:244 Resp: 960910

Ion Ratio Lower Upper

244 100

212 9.3 5.8 8.8#

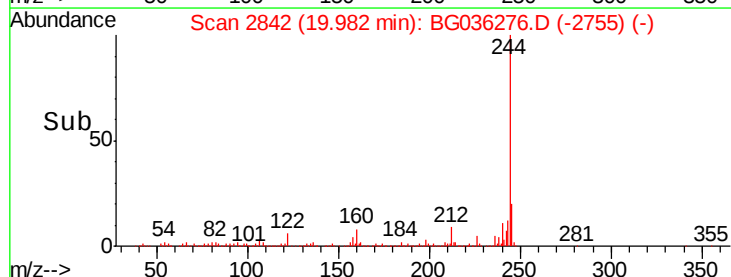
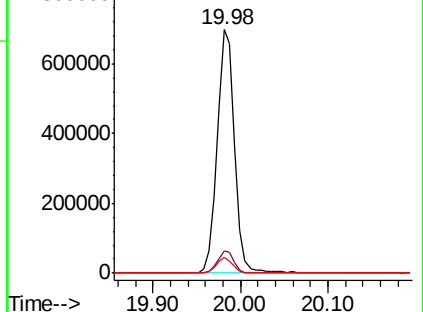
122 6.4 7.0 10.4#

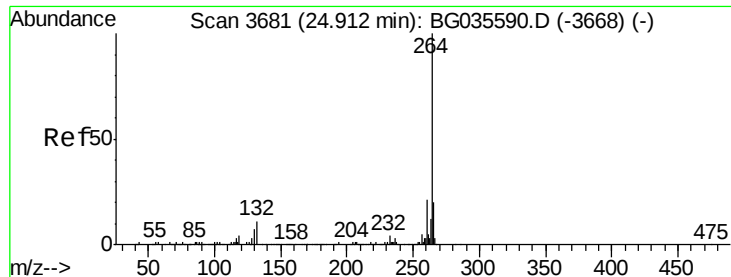


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.83 min Scan# 3667
Delta R.T. -0.03 min
Lab File: BG036276.D
Acq: 10 Aug 2018 20:41

Instrument :
BNA_G
ClientSampleId :
MW-101S

Tgt Ion:	264	Resp:	178587
Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.4	26.0
265	22.1	17.7	26.5

