

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 10 23:07:00 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

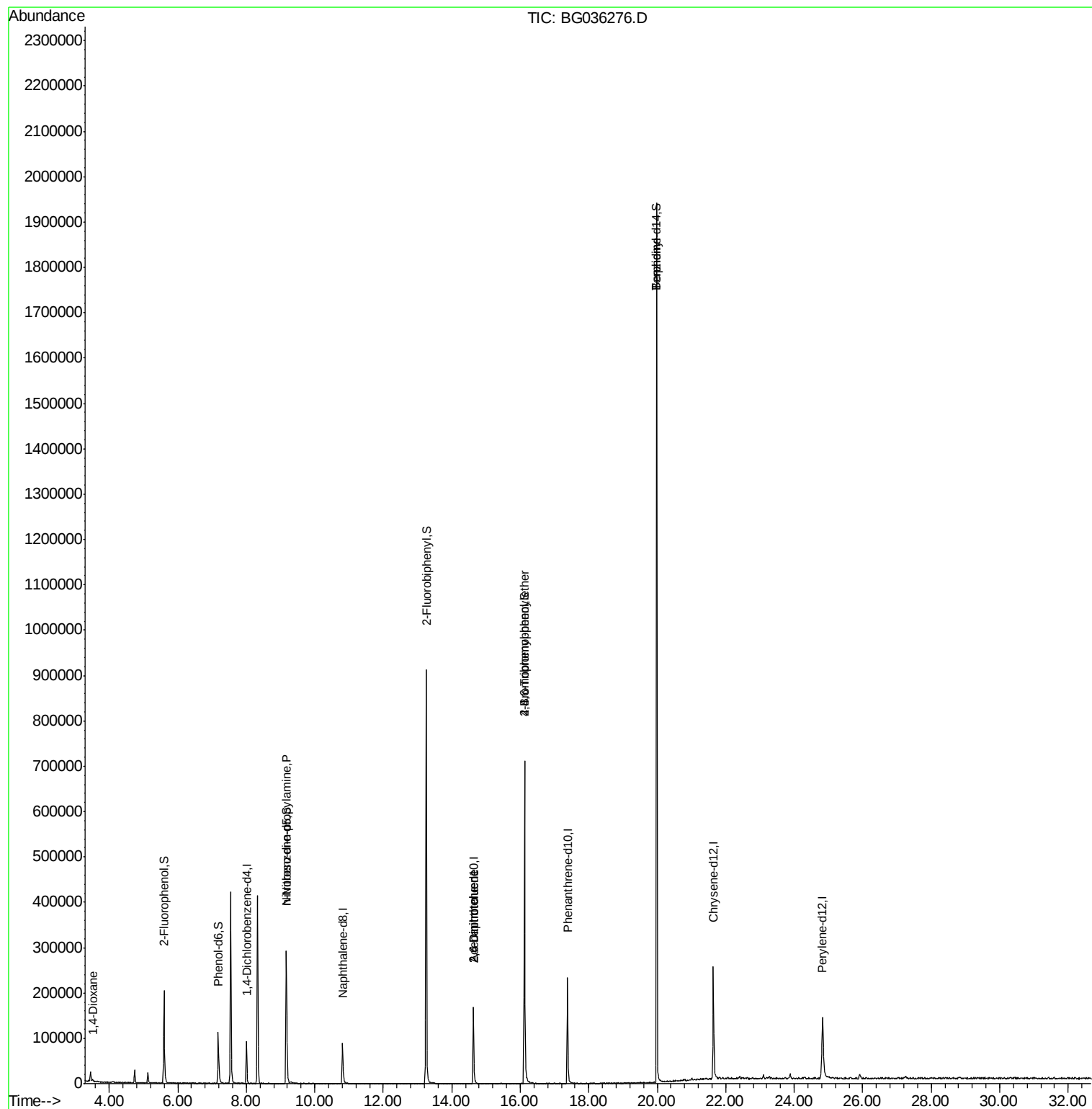
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	26865	20.00	ng	-0.01
21) Naphthalene-d8	10.81	136	96922	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	69562	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	177640	20.00	ng	-0.01
75) Chrysene-d12	21.64	240	190916	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	# 89
19) n-Nitroso-di-n-propylamine	9.17	70	31243	15.368	ng	# 67
50) 2,6-Dinitrotoluene	14.63	165	9747	7.854	ng	# 21
56) 2,4-Dinitrotoluene	14.63	165	9747	5.474	ng	# 19
66) 4-Bromophenyl-phenylether	16.12	248	11304	5.485	ng	# 1
76) Benzidine	19.98	184	16700	3.327	ng	# 83

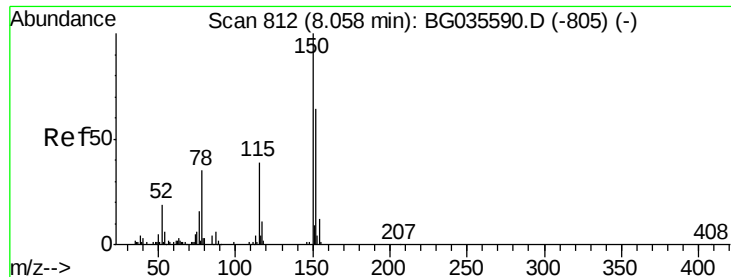
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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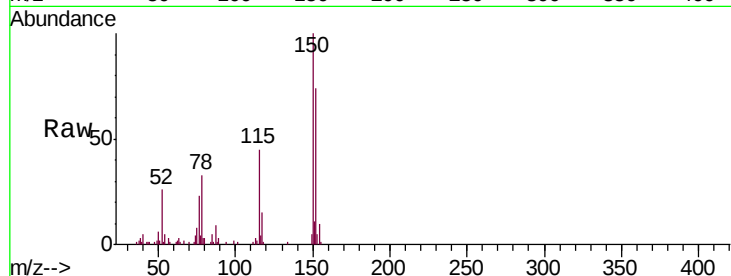


#1

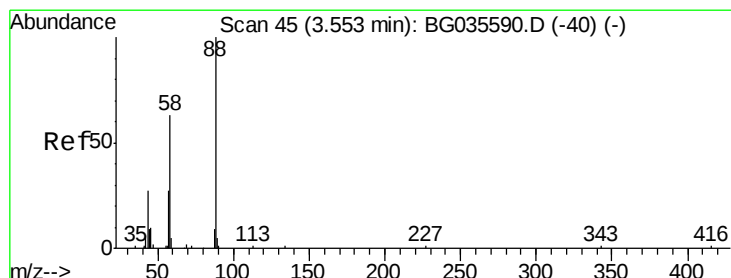
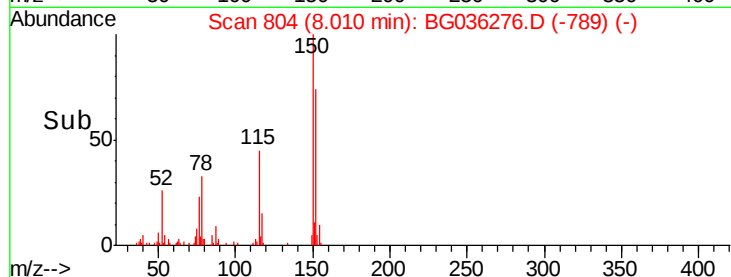
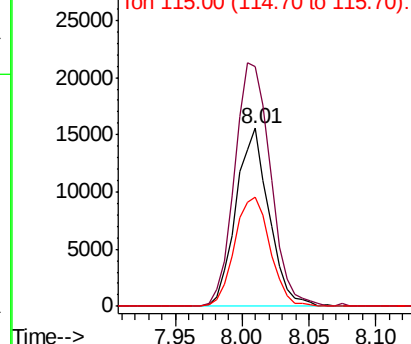
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 804
Delta R.T. -0.01 min
Lab File: BG036276.D
Acq: 10 Aug 2018 20:41

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



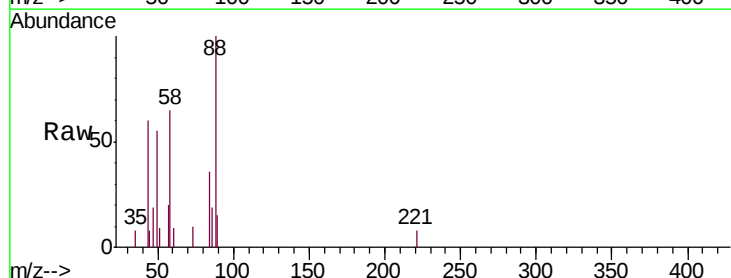
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



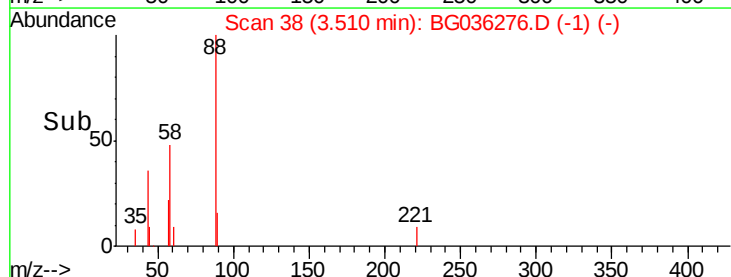
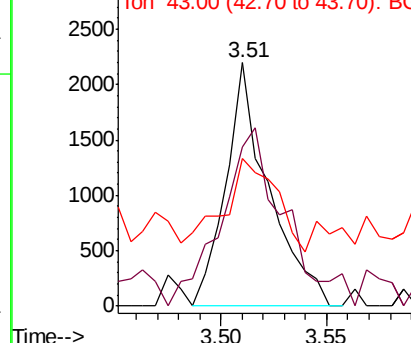
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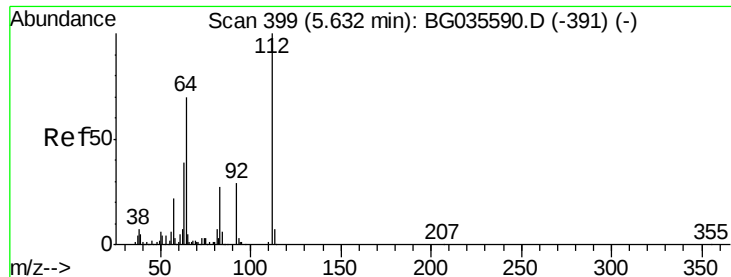
1,4-Dioxane
Concen: 3.756 ng
RT: 3.51 min Scan# 38
Delta R.T. -0.01 min
Lab File: BG036276.D
Acq: 10 Aug 2018 20:41

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

Acq: 10 Aug 2018 20:41

Instrument :

BNA_G

ClientSampleId :

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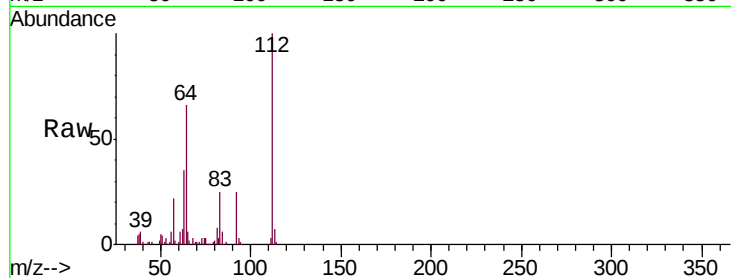
Tgt Ion: 112 Resp: 95884

Ion Ratio Lower Upper

112 100

64 66.3 56.3 84.5

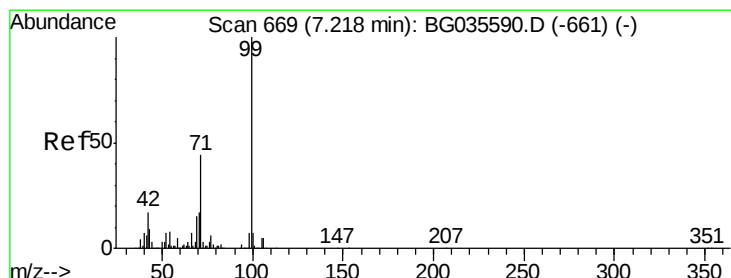
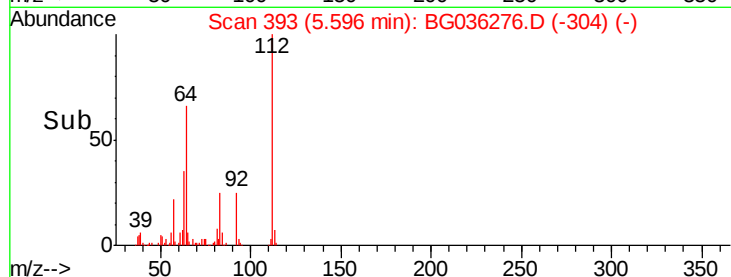
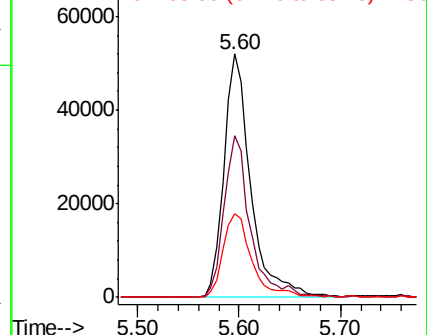
63 34.5 30.1 45.1



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

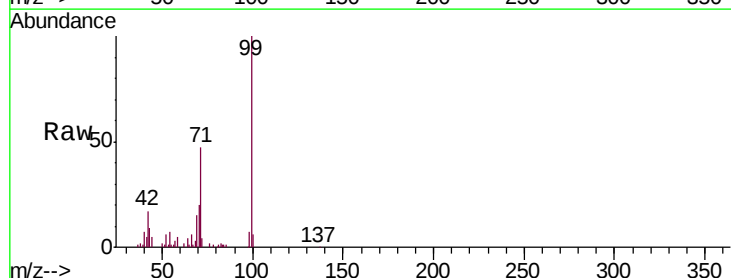
Tgt Ion: 99 Resp: 81722

Ion Ratio Lower Upper

99 100

42 17.1 14.1 21.1

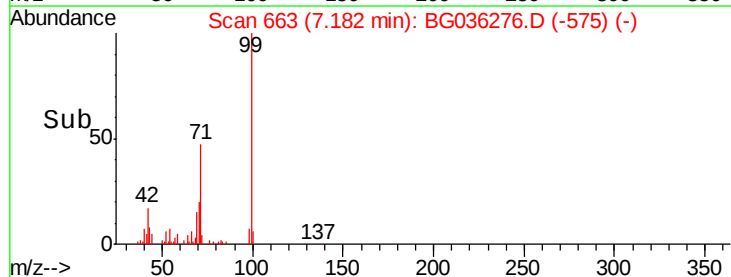
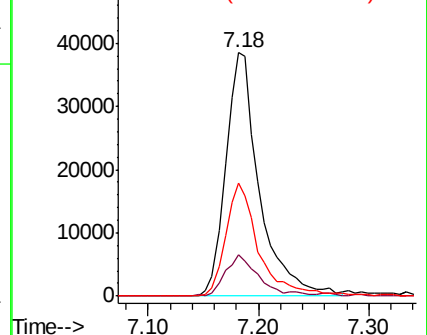
71 46.6 26.1 39.1#

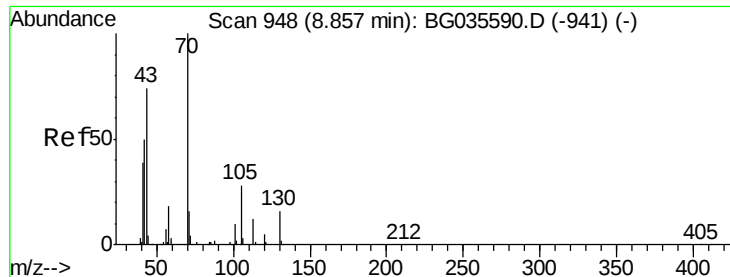


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC

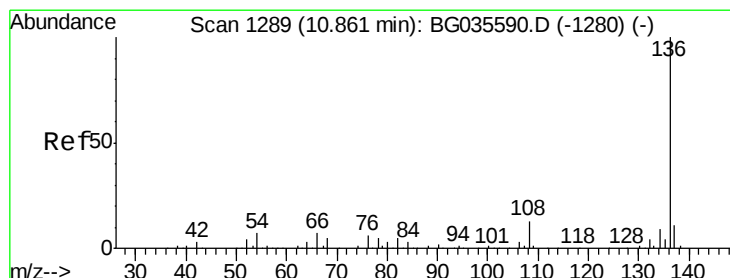
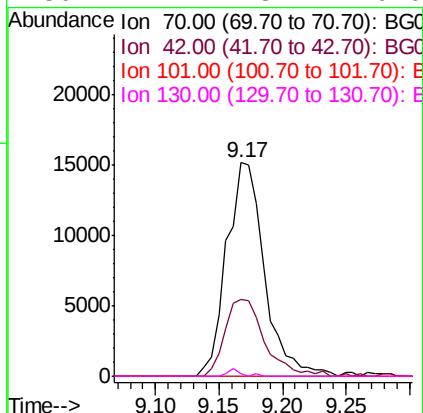
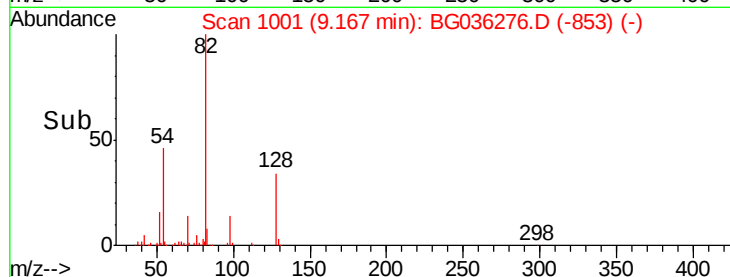
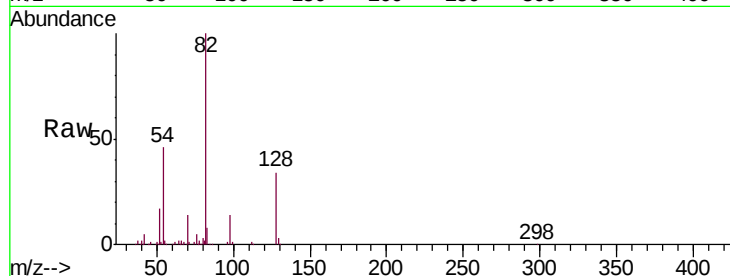




#19
n-Nitroso-di-n-propylamine
Concen: 15.368 ng
RT: 9.17 min Scan# 1001
Delta R.T. 0.34 min
Lab File: BG036276.D
Acq: 10 Aug 2018 20:41

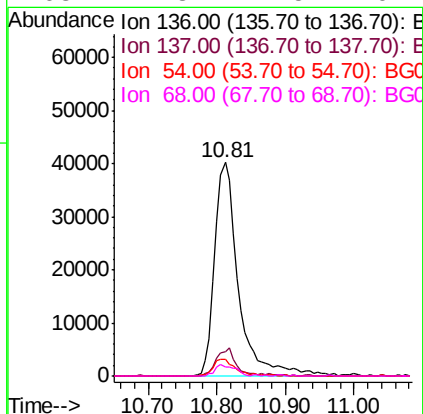
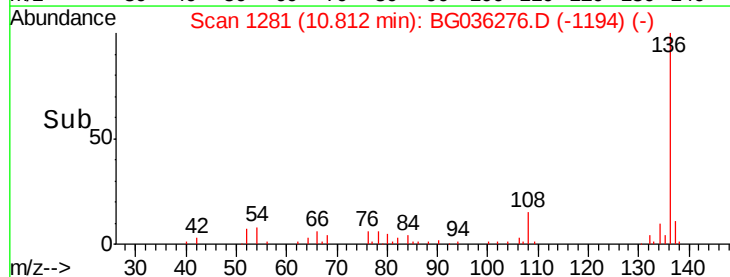
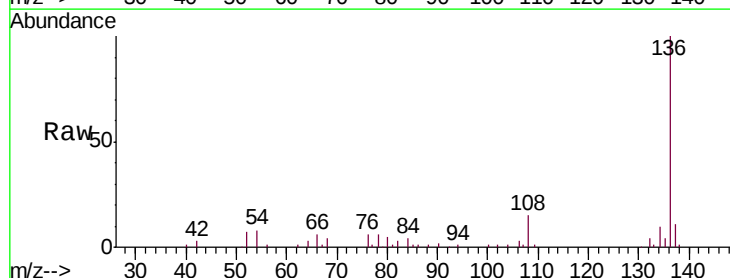
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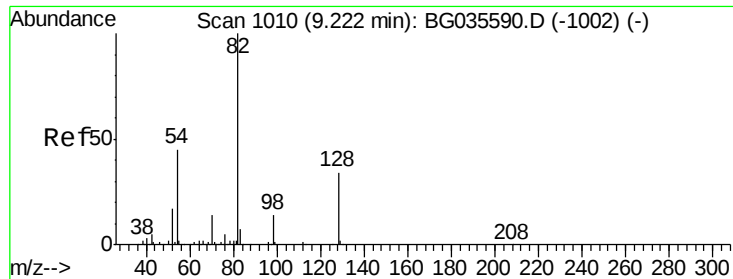
Tgt Ion: 70 Resp: 31243
Ion Ratio Lower Upper
70 100
42 35.8 49.1 73.7#
101 0.0 8.5 12.7#
130 1.2 13.4 20.0#



#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

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#

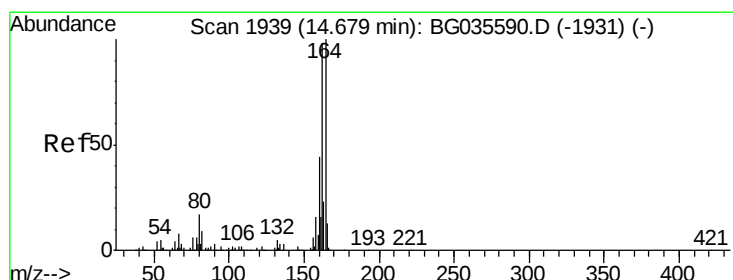
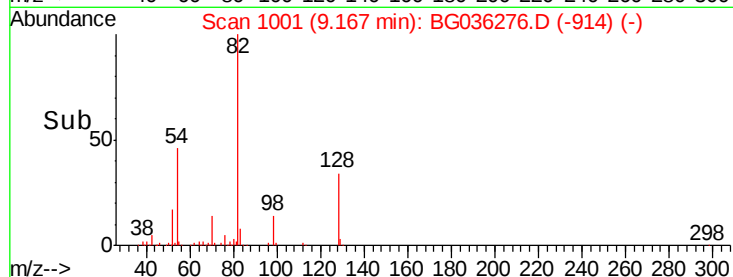
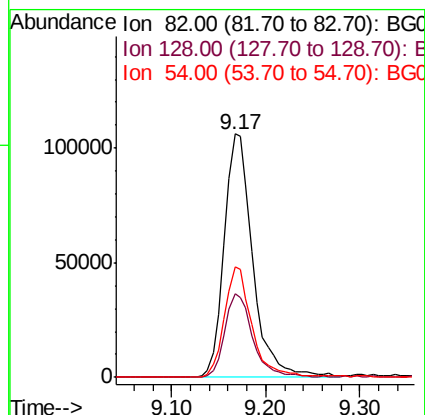
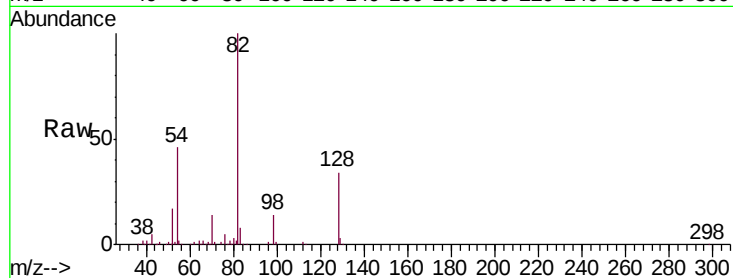




#23
Nitrobenzene-d5
Concen: 97.177 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BG036276.D
Acq: 10 Aug 2018 20:41

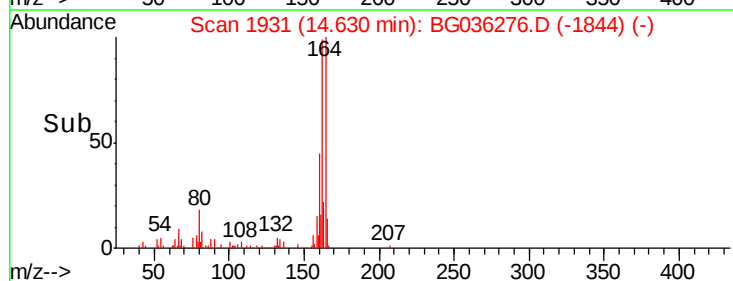
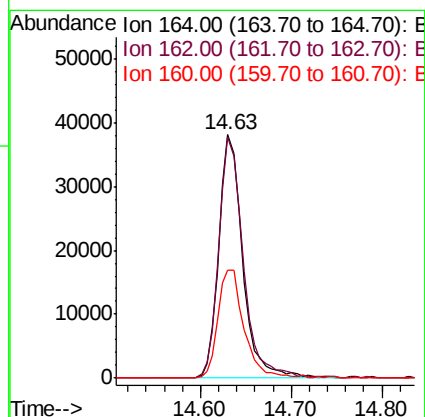
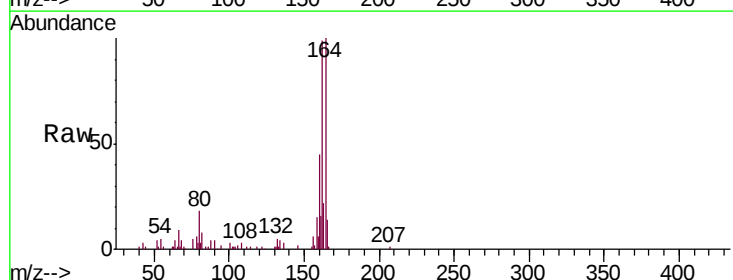
Instrument :
BNA_G
ClientSampleId :
MW-101S

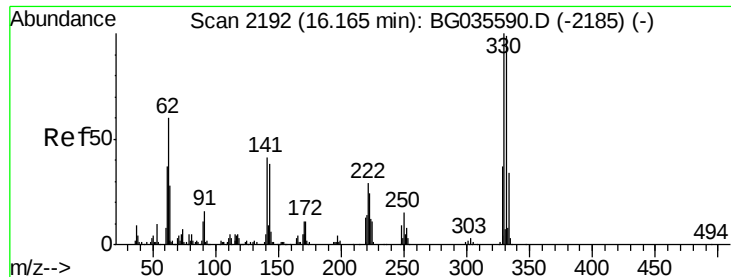
Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.5	29.7	44.5
54	45.6	43.1	64.7



#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

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.1	78.8	118.2
160	44.6	35.4	53.0

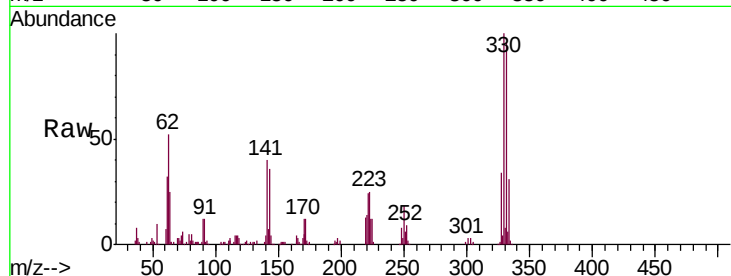




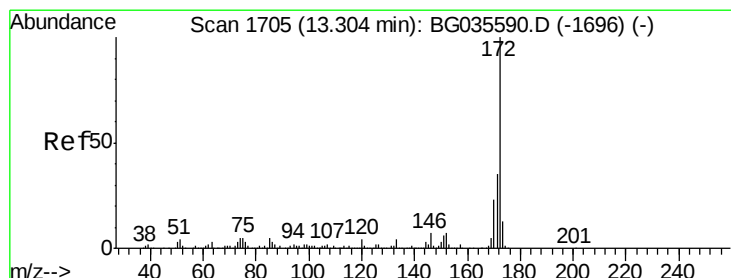
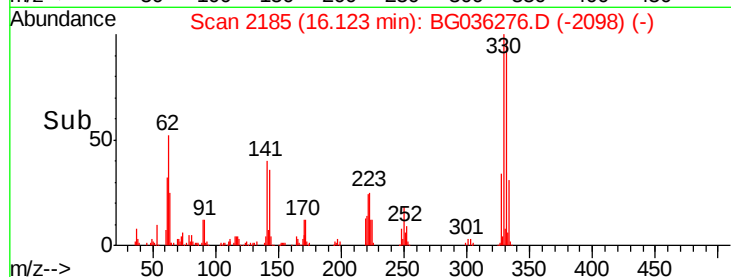
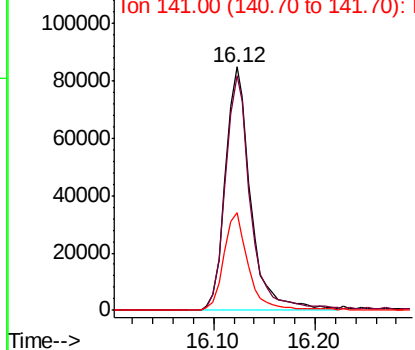
#41
 2,4,6-Tribromophenol
 Concen: 160.245 ng
 RT: 16.12 min Scan# 2185
 Delta R.T. -0.02 min
 Lab File: BG036276.D
 Acq: 10 Aug 2018 20:41

Instrument :
 BNA_G
 ClientSampleId :
 MW-101S

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	38.5	25.2	37.8#

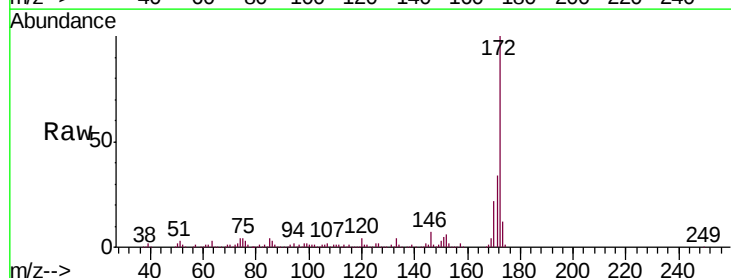


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

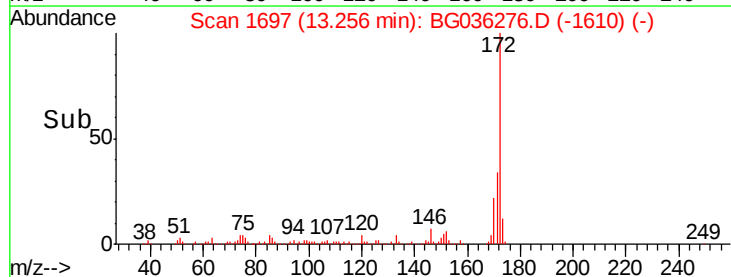
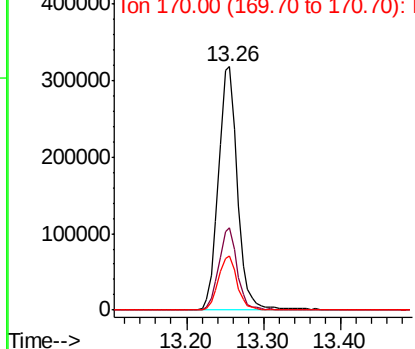


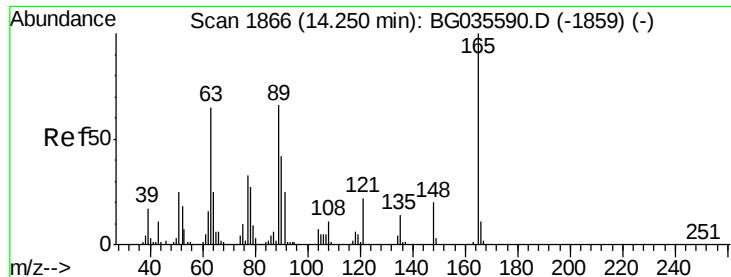
#44
 2-Fluorobiphenyl
 Concen: 105.170 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. -0.02 min
 Lab File: BG036276.D
 Acq: 10 Aug 2018 20:41

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



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

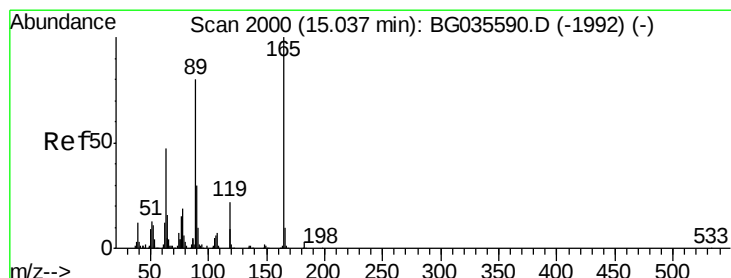
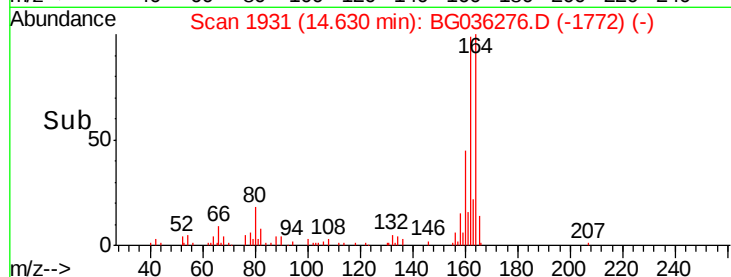
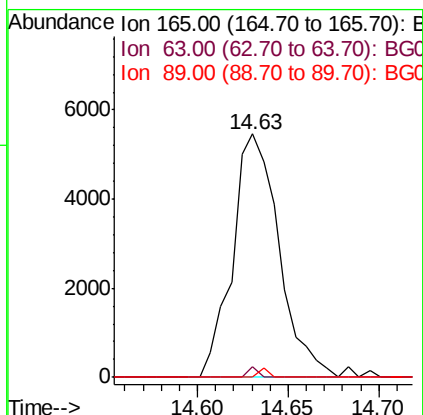
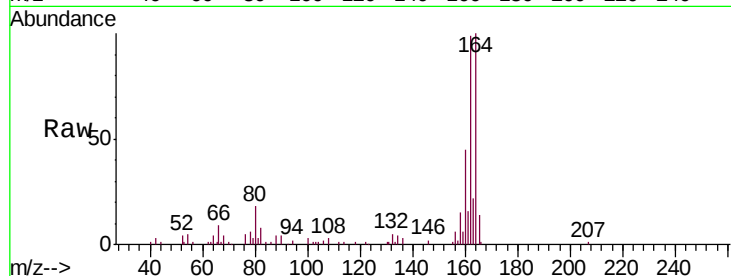




#50
 2,6-Dinitrotoluene
 Concen: 7.854 ng
 RT: 14.63 min Scan# 1931
 Delta R.T. 0.40 min
 Lab File: BG036276.D
 Acq: 10 Aug 2018 20:41

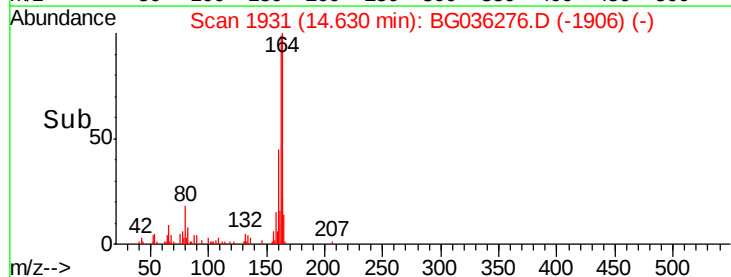
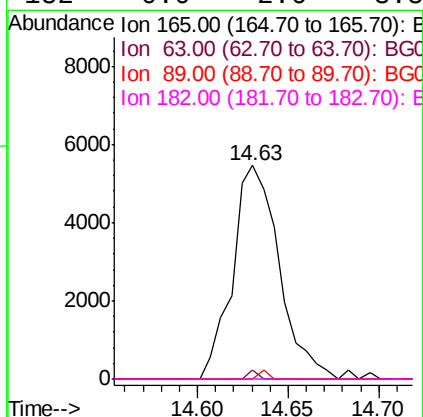
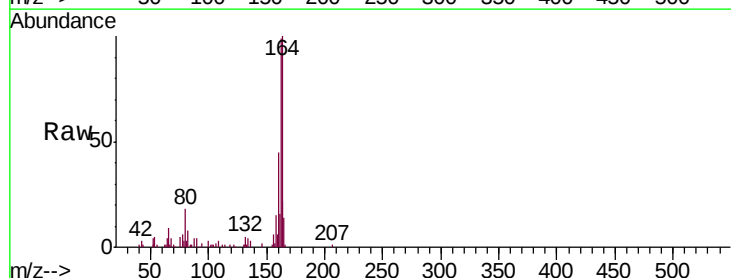
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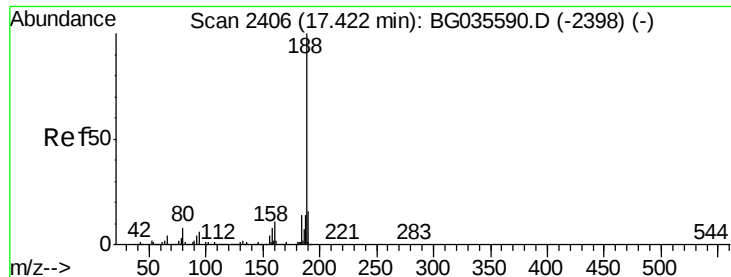
Tgt Ion:165 Resp: 9747
 Ion Ratio Lower Upper
 165 100
 63 4.5 52.7 79.1#
 89 0.0 49.2 73.8#



#56
 2,4-Dinitrotoluene
 Concen: 5.474 ng
 RT: 14.63 min Scan# 1931
 Delta R.T. -0.38 min
 Lab File: BG036276.D
 Acq: 10 Aug 2018 20:41

Tgt Ion:165 Resp: 9747
 Ion Ratio Lower Upper
 165 100
 63 4.5 42.0 63.0#
 89 0.0 66.9 100.3#
 182 0.0 2.6 3.8#

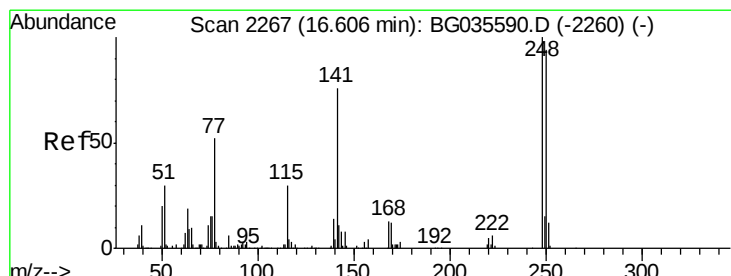
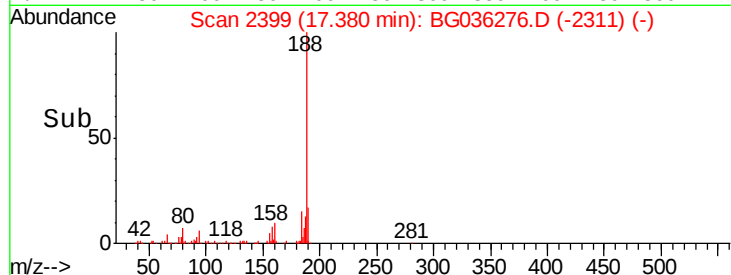
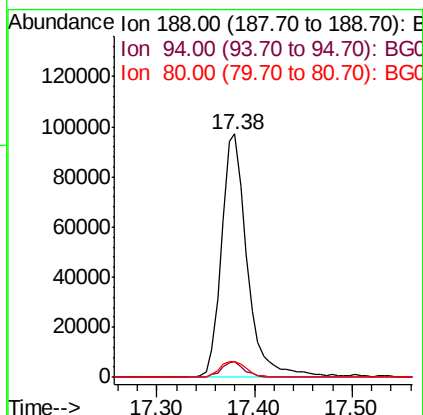
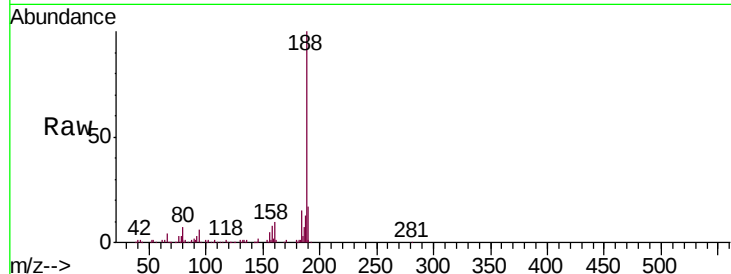




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BG036276.D
Acq: 10 Aug 2018 20:41

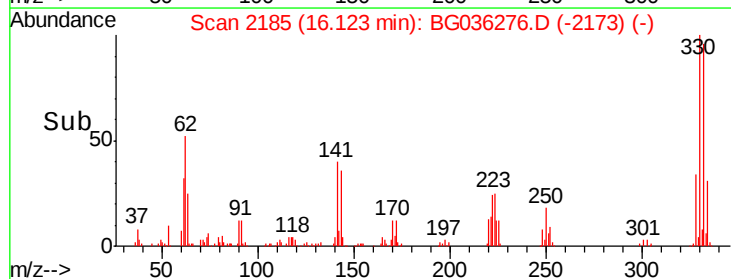
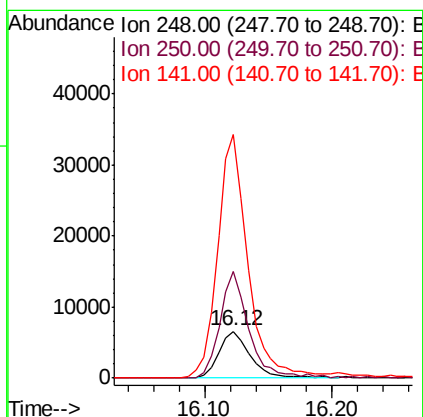
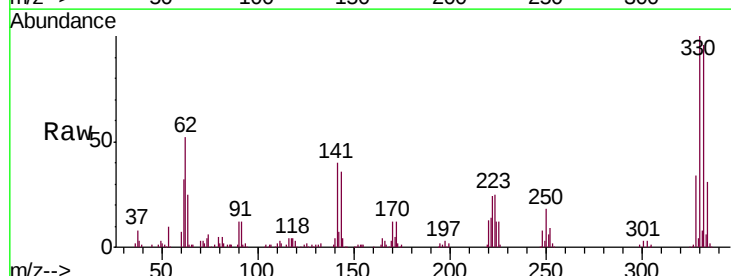
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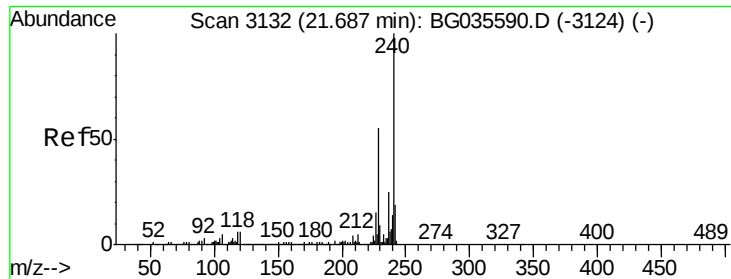
Tgt Ion:188 Resp: 177640
Ion Ratio Lower Upper
188 100
94 6.4 6.9 10.3#
80 6.5 7.7 11.5#



#66
4-Bromophenyl-phenylether
Concen: 5.485 ng
RT: 16.12 min Scan# 2185
Delta R.T. -0.46 min
Lab File: BG036276.D
Acq: 10 Aug 2018 20:41

Tgt Ion:248 Resp: 11304
Ion Ratio Lower Upper
248 100
250 228.2 77.1 115.7#
141 522.1 50.8 76.2#





#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

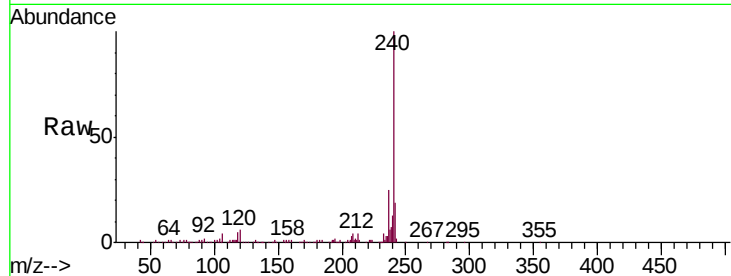
Tgt Ion:240 Resp: 190916

Ion Ratio Lower Upper

240 100

120 6.1 6.8 10.2#

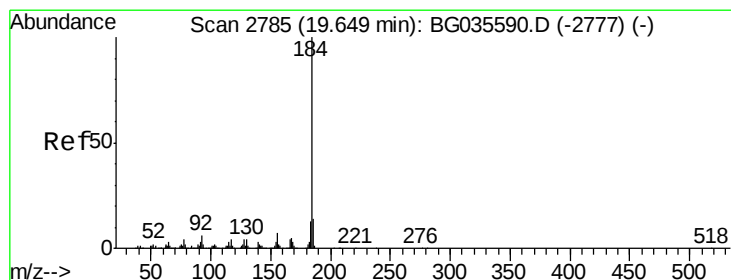
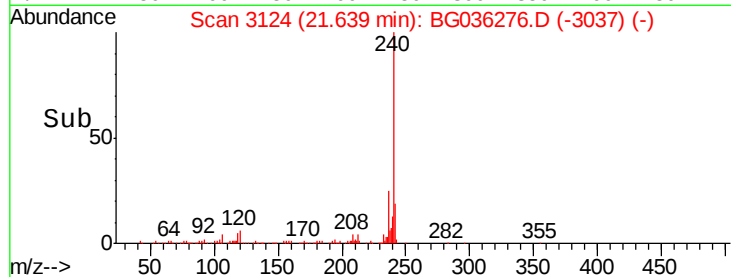
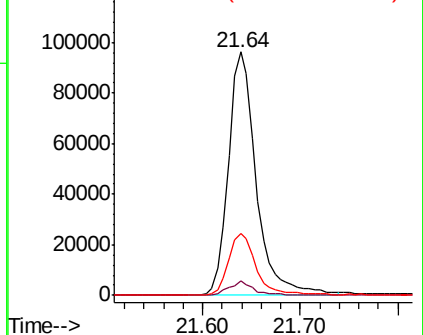
236 25.3 20.9 31.3



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



#76

Benzidine

Concen: 3.327 ng

RT: 19.98 min Scan# 2842

Delta R.T. 0.36 min

Lab File: BG036276.D

Acq: 10 Aug 2018 20:41

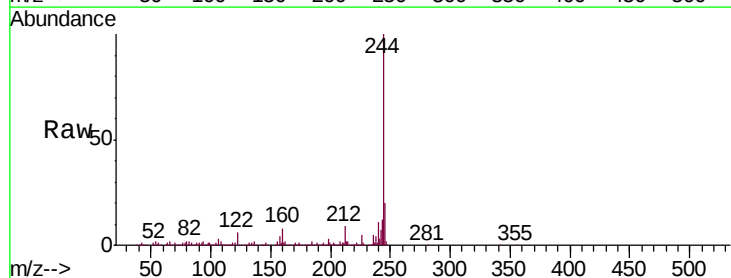
Tgt Ion:184 Resp: 16700

Ion Ratio Lower Upper

184 100

185 20.7 11.1 16.7#

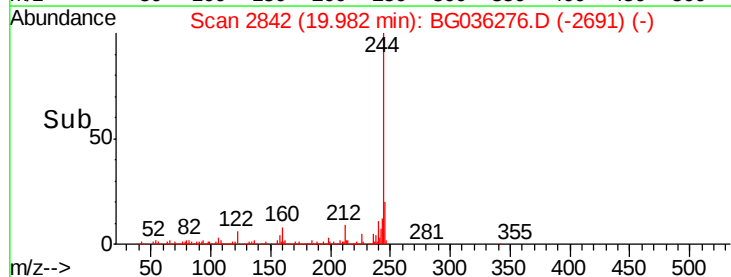
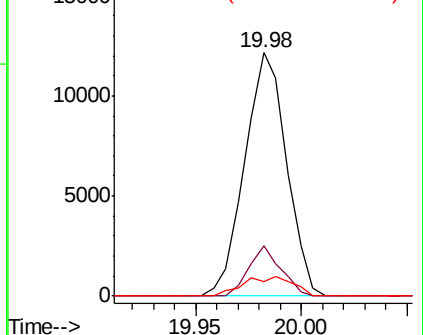
183 6.1 10.6 16.0#

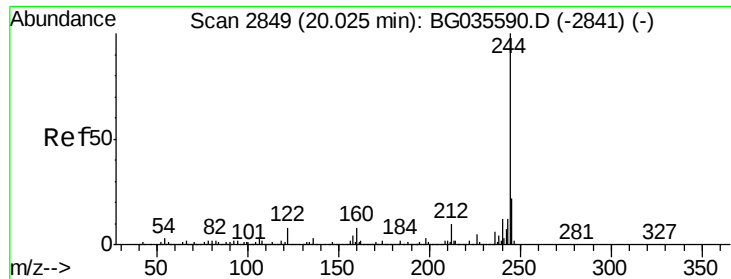


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): 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

Instrument :

BNA_G

ClientSampleId :

MW-101S

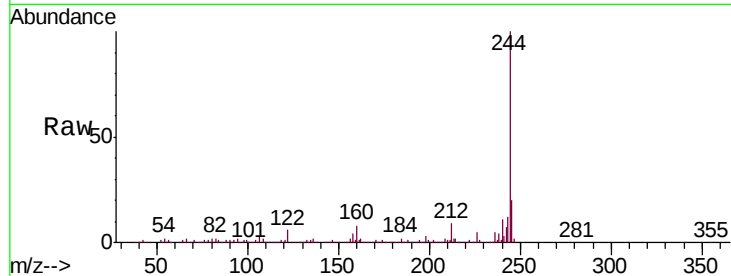
Tgt Ion:244 Resp: 960910

Ion Ratio Lower Upper

244 100

212 9.3 5.8 8.8#

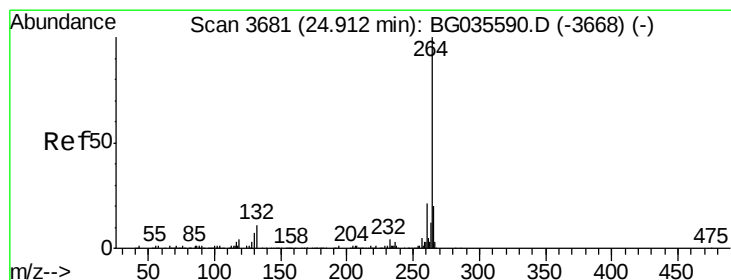
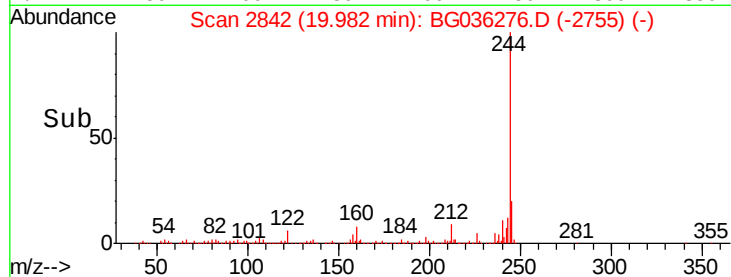
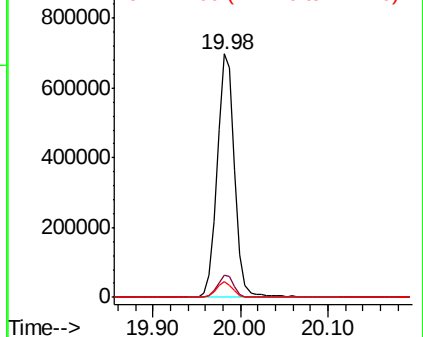
122 6.4 7.0 10.4#



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

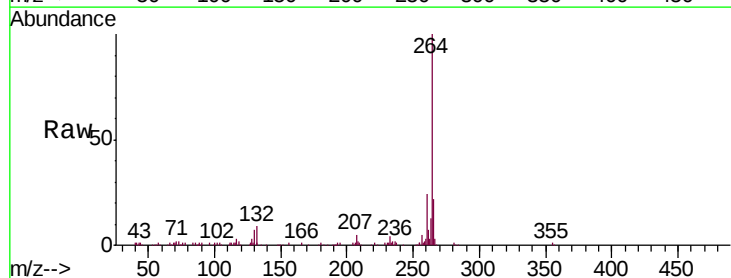
Tgt Ion:264 Resp: 178587

Ion Ratio Lower Upper

264 100

260 23.6 17.4 26.0

265 22.1 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

