

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071318\
 Data File : BG035644.D
 Acq On : 14 Jul 2018 00:37
 Operator : JU/SJ
 Sample : J3980-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-E-MH-S

Quant Time: Jul 14 04:00:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 12 14:43:32 2018
 Response via : Initial Calibration

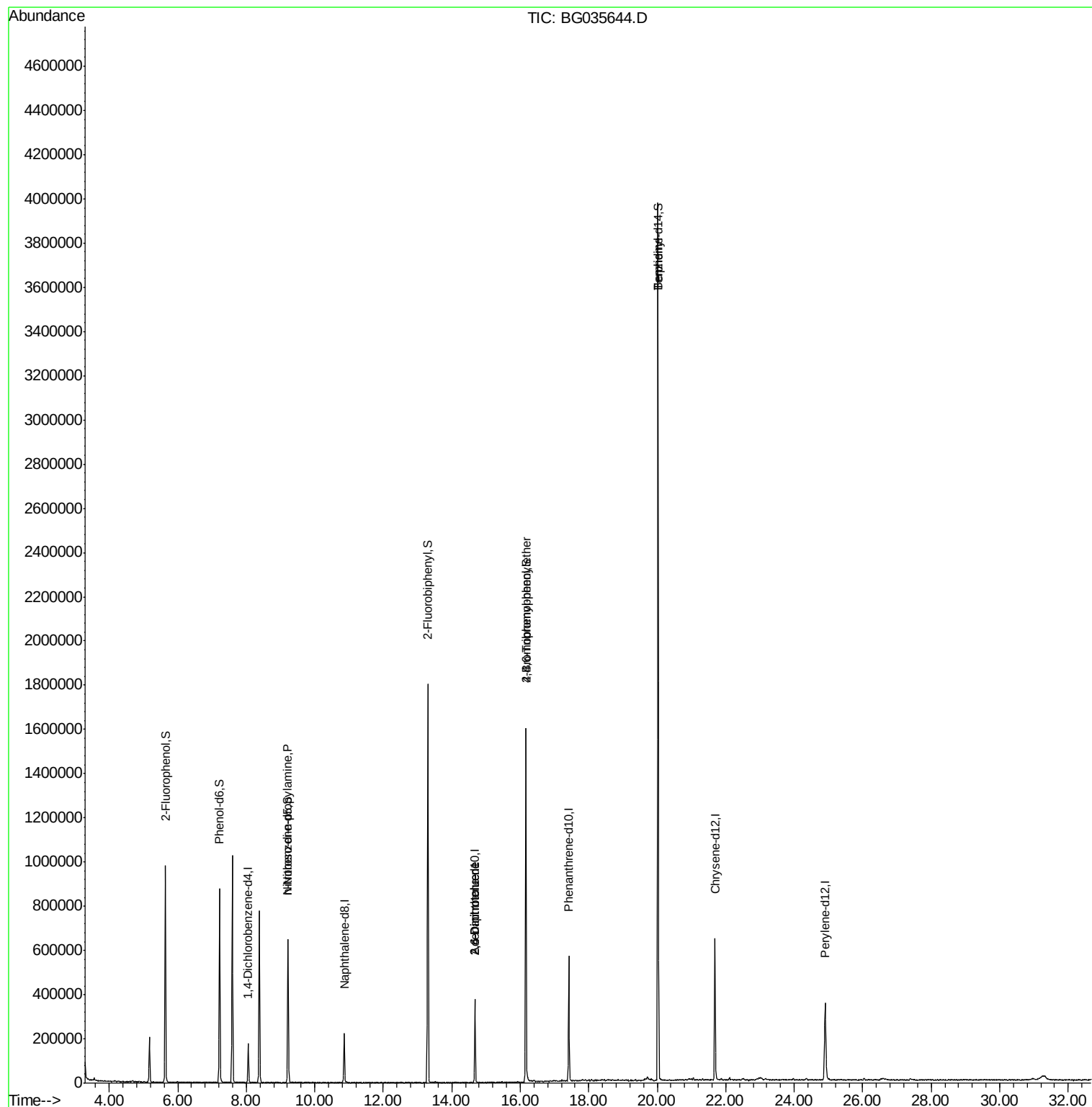
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	48636	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	179842	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	128405	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	371484	20.00	ng	0.00
75) Chrysene-d12	21.69	240	416645	20.00	ng	0.00
86) Perylene-d12	24.90	264	389763	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	406561	138.78	ng	0.00
7) Phenol-d6	7.22	99	525203	120.16	ng	0.00
23) Nitrobenzene-d5	9.21	82	432511	100.47	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	291306	172.12	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	963638	100.54	ng	0.00
78) Terphenyl-d14	20.02	244	1807857	95.65	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	62255	16.915	ng	# 66
50) 2,6-Dinitrotoluene	14.68	165	18889	8.245	ng	# 22
56) 2,4-Dinitrotoluene	14.68	165	18889	5.747	ng	# 20
66) 4-Bromophenyl-phenylether	16.16	248	23049	5.348	ng	# 1
76) Benzidine	20.02	184	35287	3.221	ng	# 88

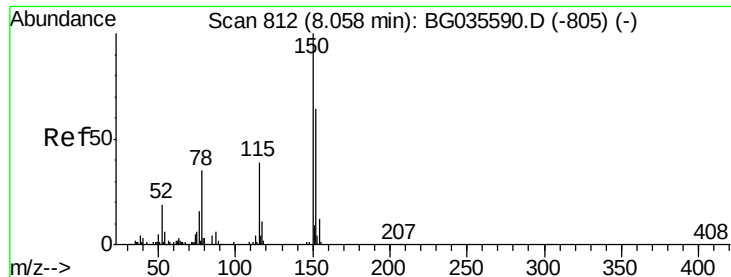
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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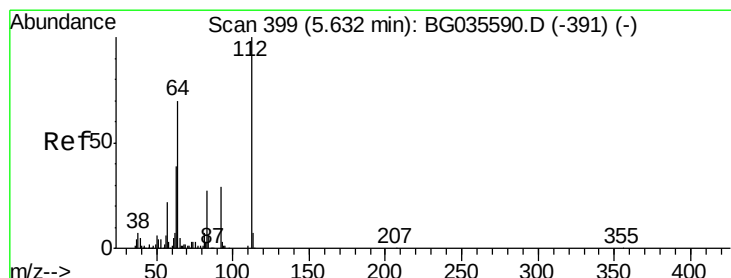
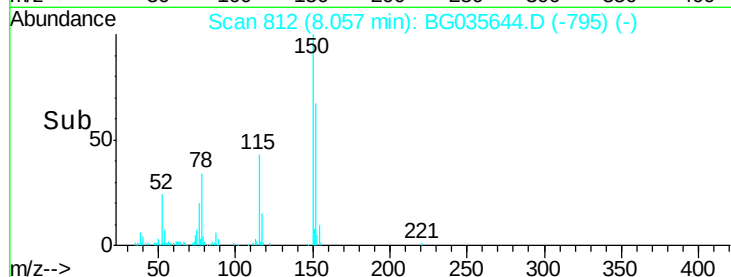
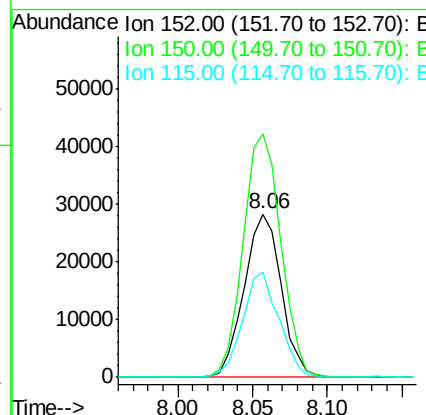
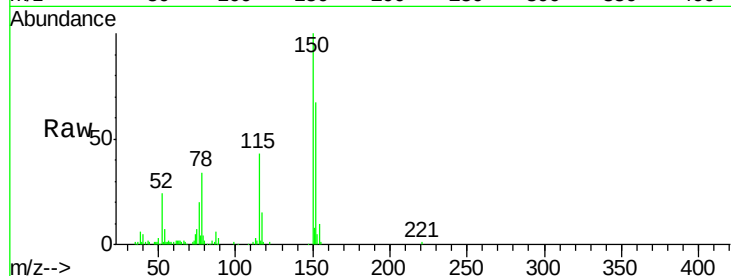


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.00 min
Lab File: BG035644.D
Acq: 14 Jul 2018 00:37

Instrument :
BNA_G
ClientSampleId :
TP-E-MH-S

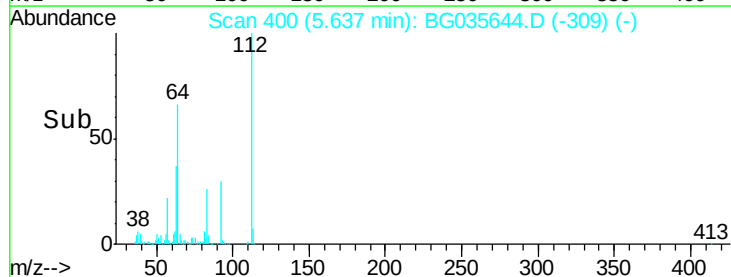
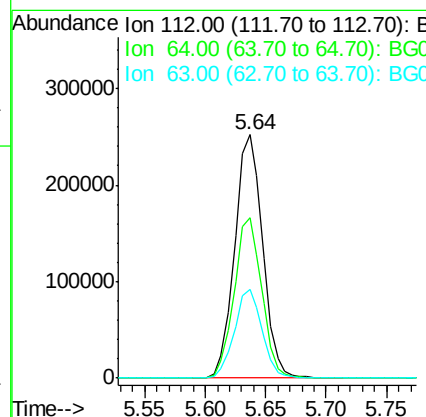
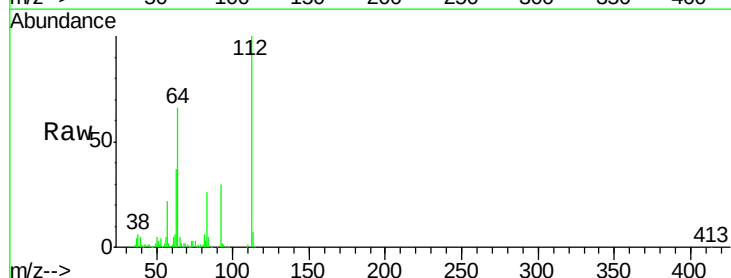
Tgt Ion:152 Resp: 48636
Ion Ratio Lower Upper
152 100
150 149.3 126.6 189.8
115 64.3 53.0 79.4

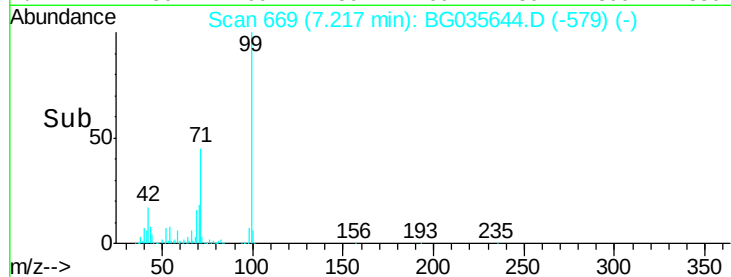
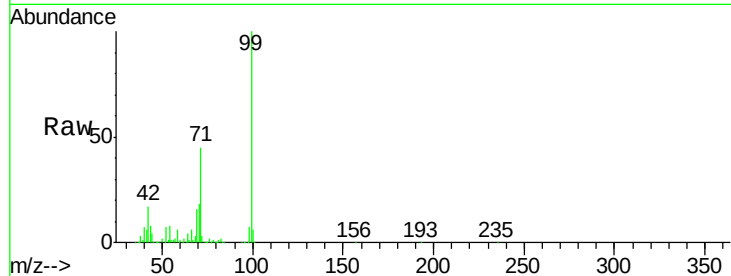
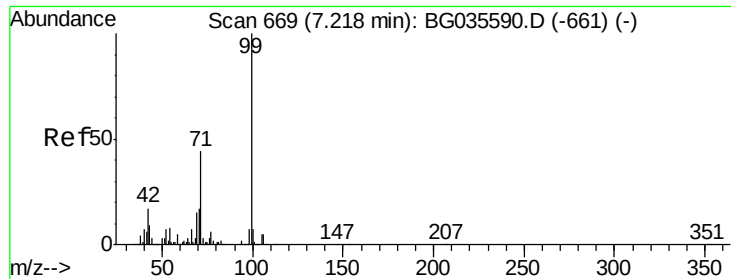


#5

2-Fluorophenol
Concen: 138.783 ng
RT: 5.64 min Scan# 400
Delta R.T. 0.00 min
Lab File: BG035644.D
Acq: 14 Jul 2018 00:37

Tgt Ion:112 Resp: 406561
Ion Ratio Lower Upper
112 100
64 66.1 56.3 84.5
63 36.5 30.1 45.1





#7

Phenol-d6

Concen: 120.164 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG035644.D

Acq: 14 Jul 2018 00:37

Instrument :

BNA_G

ClientSampleId :

TP-E-MH-S

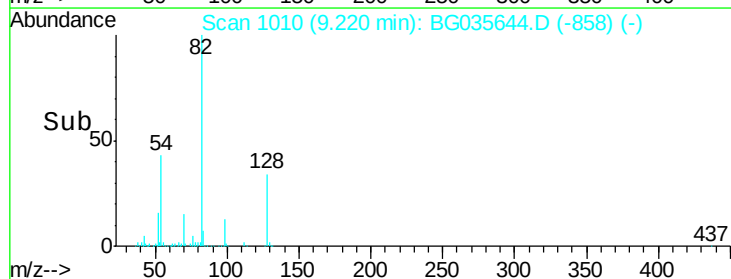
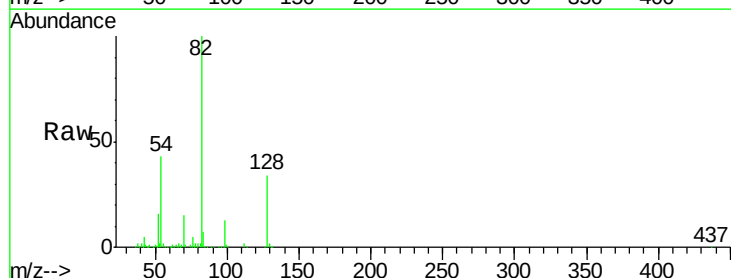
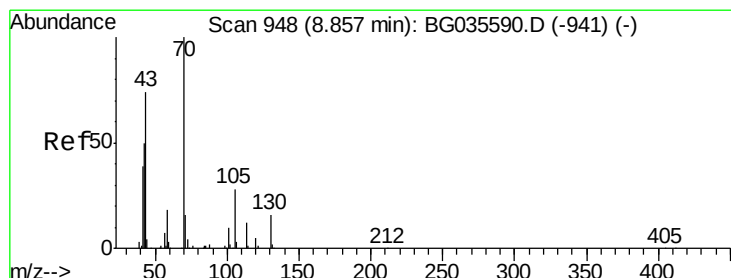
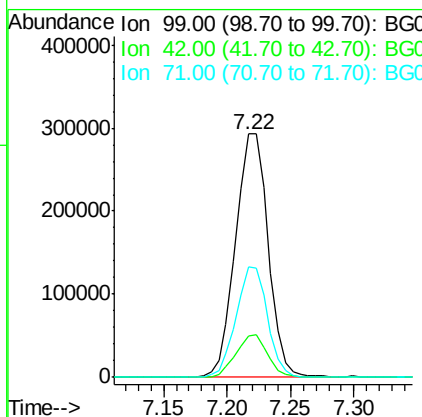
Tgt Ion: 99 Resp: 525203

Ion Ratio Lower Upper

99 100

42 17.2 14.1 21.1

71 45.4 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 16.915 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.36 min

Lab File: BG035644.D

Acq: 14 Jul 2018 00:37

Tgt Ion: 70 Resp: 62255

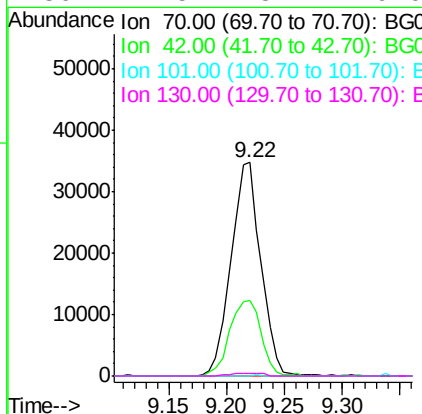
Ion Ratio Lower Upper

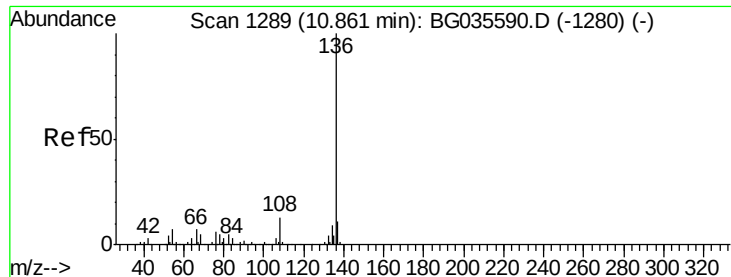
70 100

42 35.1 49.1 73.7#

101 0.0 8.5 12.7#

130 1.5 13.4 20.0#

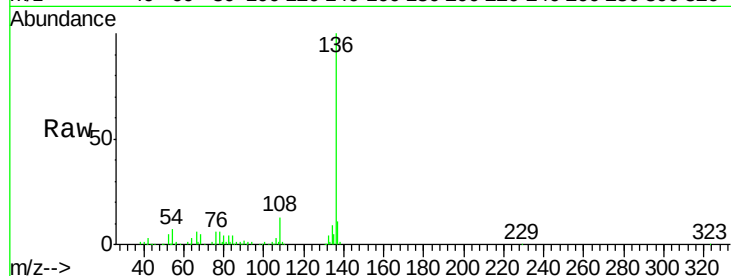




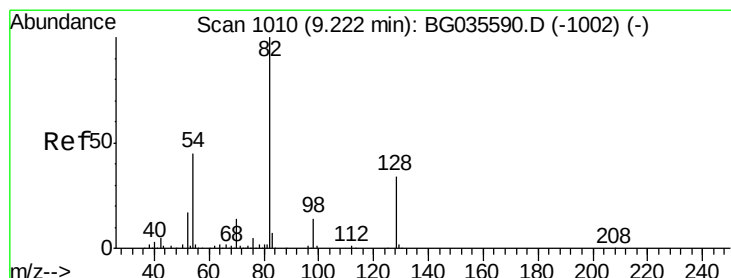
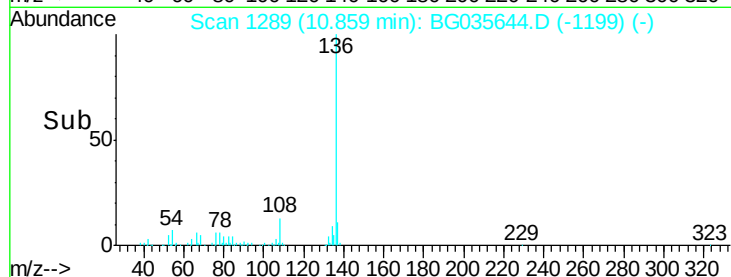
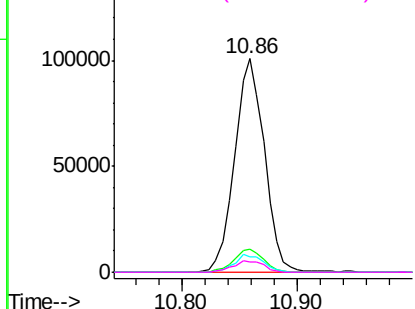
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG035644.D
Acq: 14 Jul 2018 00:37

Instrument :
BNA_G
ClientSampleId :
TP-E-MH-S

Tgt Ion:	136	Resp:	179842
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	7.4	10.3	15.5
68	4.7	4.5	6.7

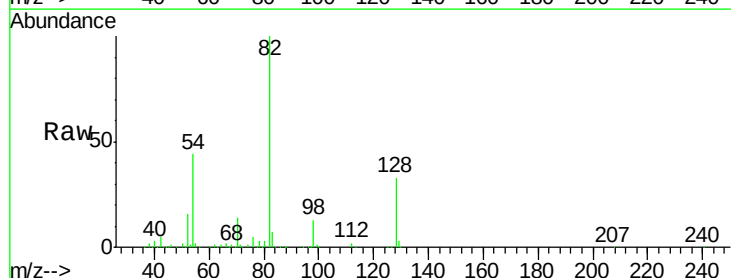


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

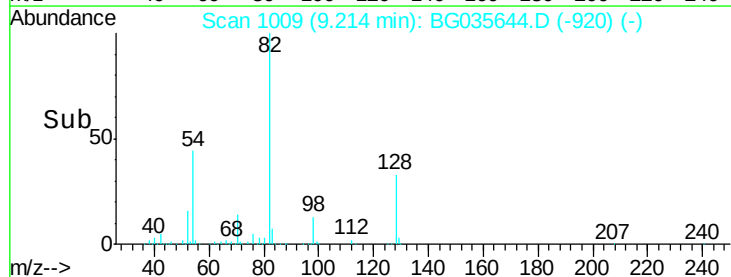
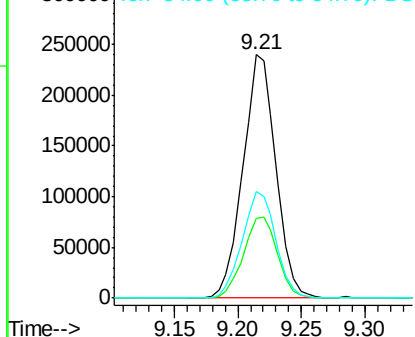


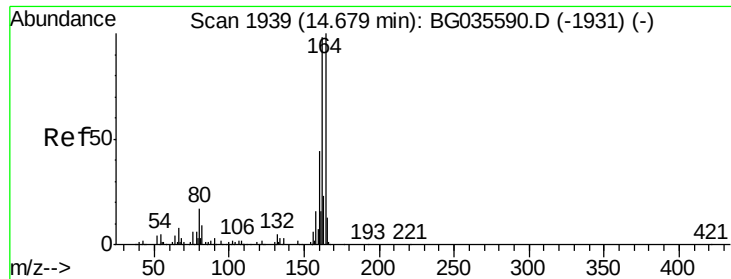
#23
Nitrobenzene-d5
Concen: 100.466 ng
RT: 9.21 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BG035644.D
Acq: 14 Jul 2018 00:37

Tgt Ion:	82	Resp:	432511
Ion	Ratio	Lower	Upper
82	100		
128	32.8	29.7	44.5
54	44.0	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: 14.68 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BG035644.D

Acq: 14 Jul 2018 00:37

Instrument :

BNA_G

ClientSampleId :

TP-E-MH-S

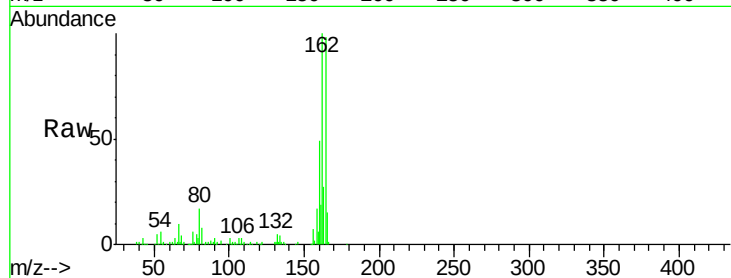
Tgt Ion:164 Resp: 128405

Ion Ratio Lower Upper

164 100

162 101.9 78.8 118.2

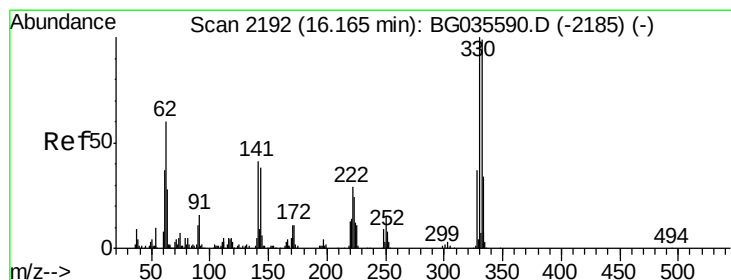
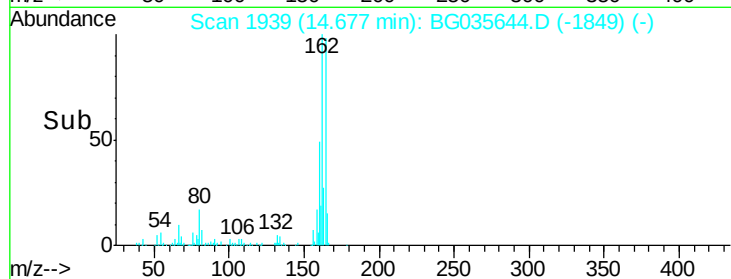
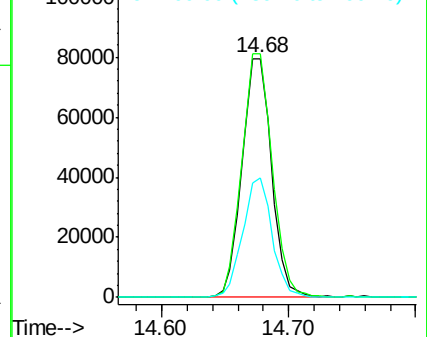
160 49.8 35.4 53.0



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: 172.120 ng

RT: 16.16 min Scan# 2192

Delta R.T. -0.00 min

Lab File: BG035644.D

Acq: 14 Jul 2018 00:37

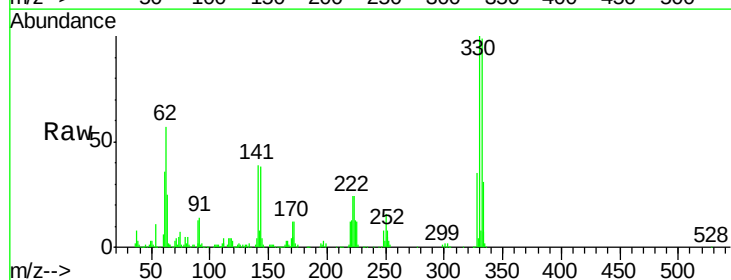
Tgt Ion:330 Resp: 291306

Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.6

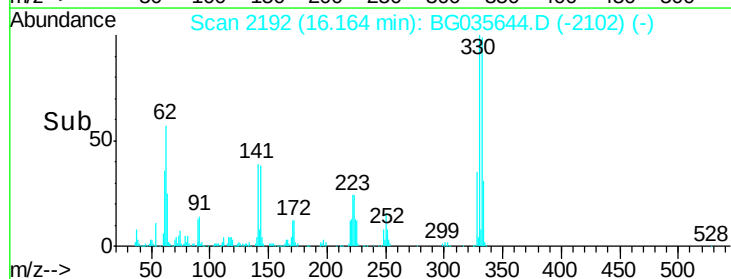
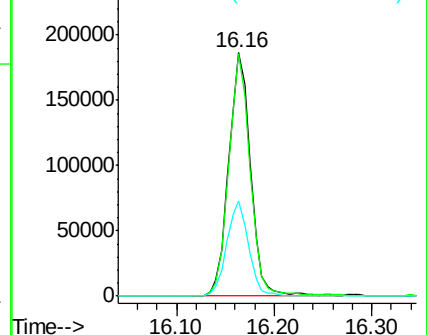
141 38.7 25.2 37.8#

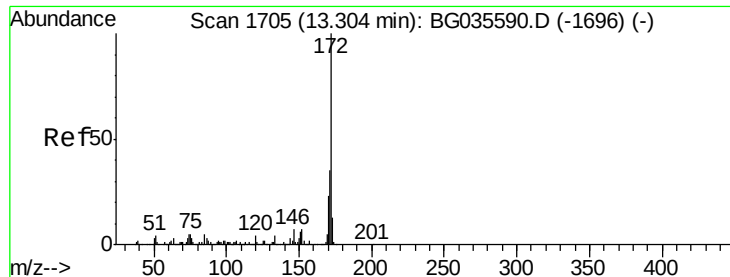


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

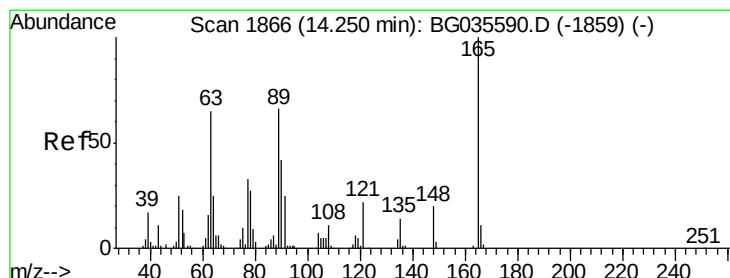
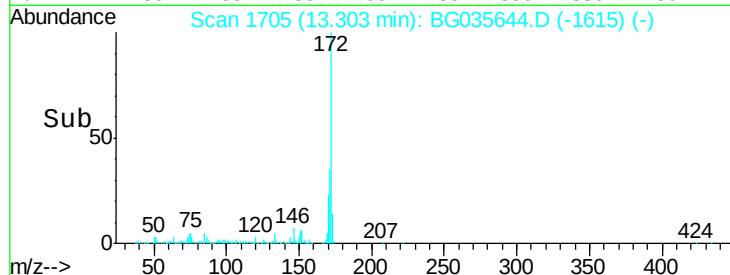
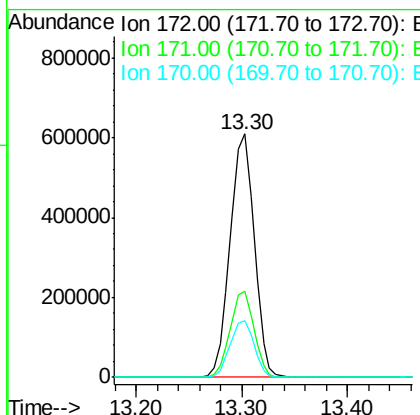
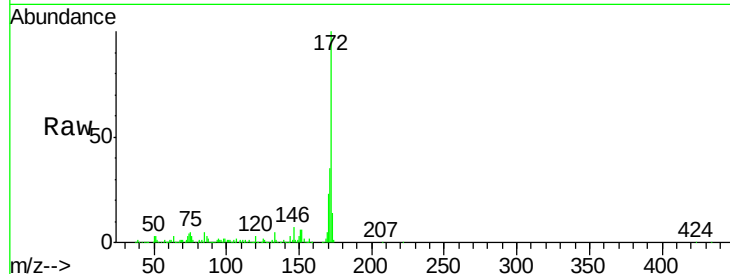




#44
 2-Fluorobiphenyl
 Concen: 100.543 ng
 RT: 13.30 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG035644.D
 Acq: 14 Jul 2018 00:37

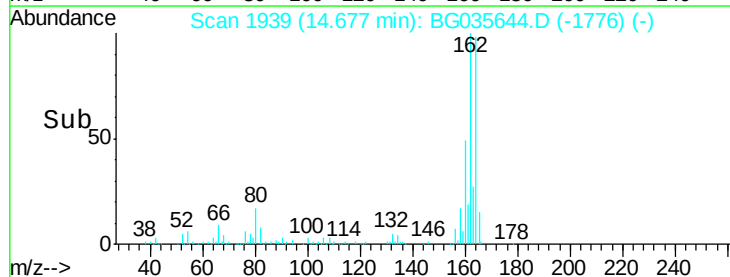
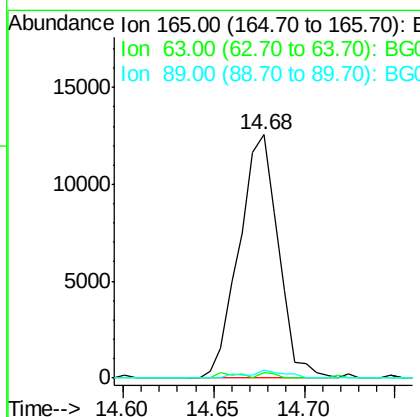
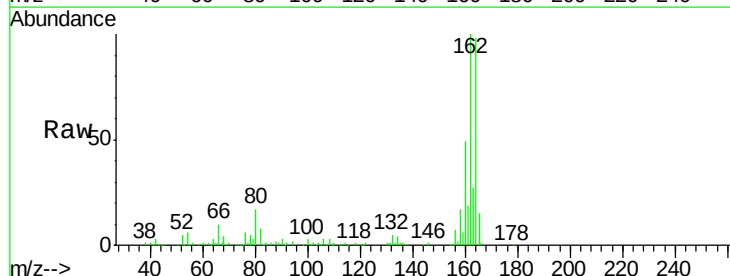
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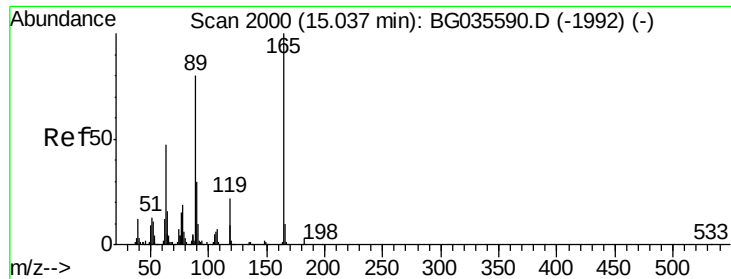
Tgt Ion:172 Resp: 963638
 Ion Ratio Lower Upper
 172 100
 171 35.3 30.0 45.0
 170 23.5 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 8.245 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. 0.43 min
 Lab File: BG035644.D
 Acq: 14 Jul 2018 00:37

Tgt Ion:165 Resp: 18889
 Ion Ratio Lower Upper
 165 100
 63 2.2 52.7 79.1#
 89 3.2 49.2 73.8#

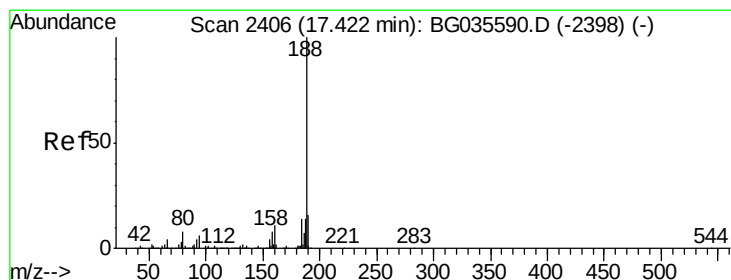
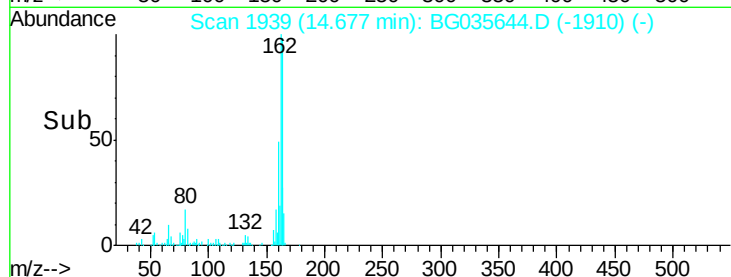
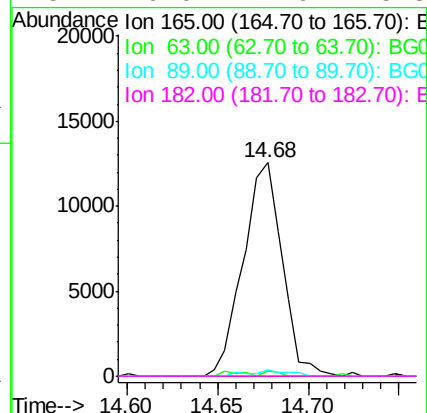
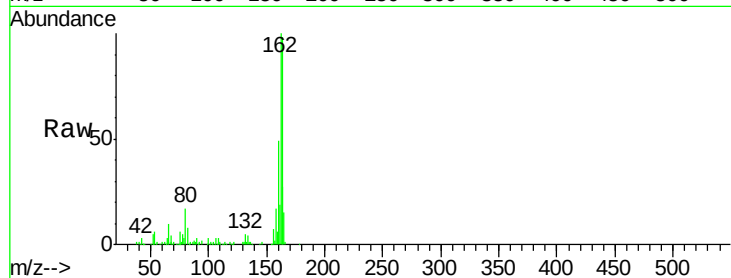




#56
 2,4-Dinitrotoluene
 Concen: 5.747 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.36 min
 Lab File: BG035644.D
 Acq: 14 Jul 2018 00:37

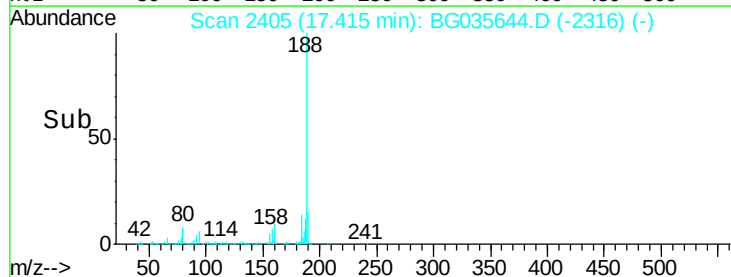
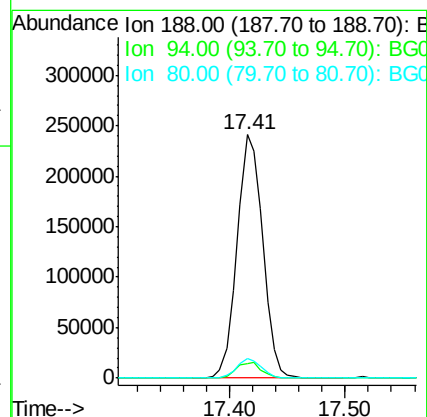
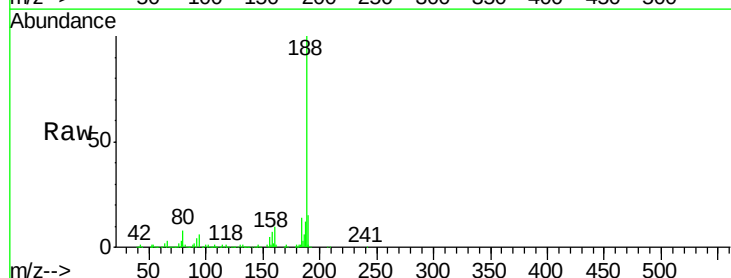
Instrument :
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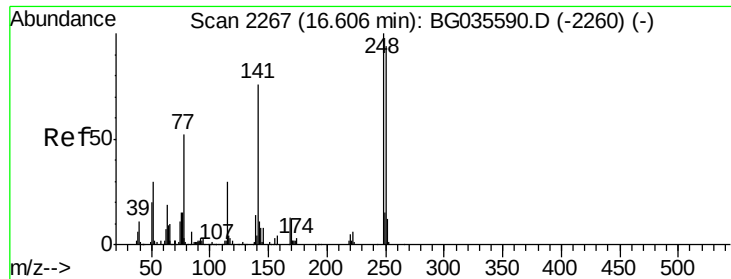
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.2	42.0	63.0#
89	3.2	66.9	100.3#
182	0.0	2.6	3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2405
 Delta R.T. -0.01 min
 Lab File: BG035644.D
 Acq: 14 Jul 2018 00:37

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.8	6.9	10.3#
80	7.9	7.7	11.5

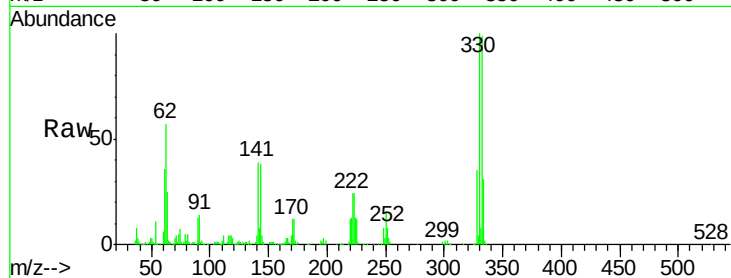




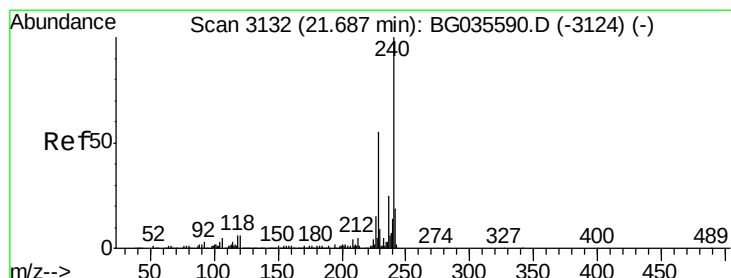
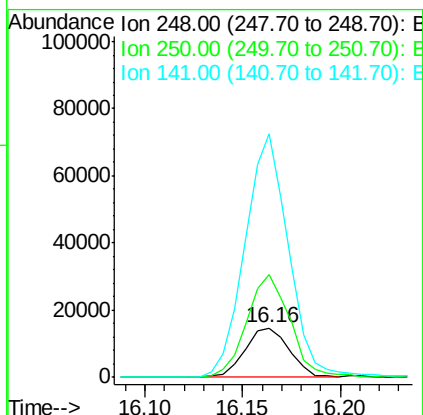
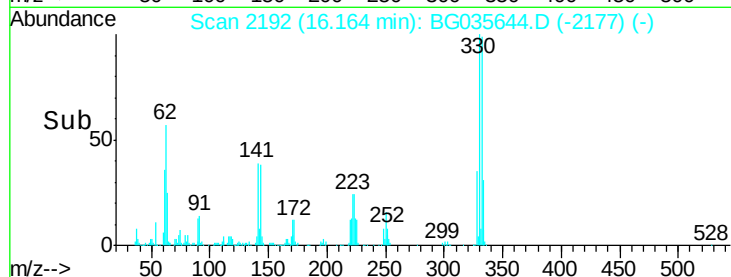
#66
 4-Bromophenyl-phenylether
 Concen: 5.348 ng
 RT: 16.16 min Scan# 2192
 Delta R.T. -0.44 min
 Lab File: BG035644.D
 Acq: 14 Jul 2018 00:37

Instrument :
 BNA_G
 ClientSampleId :
 TP-E-MH-S

Tgt Ion:248 Resp: 23049
 Ion Ratio Lower Upper
 248 100
 250 206.8 77.1 115.7#
 141 490.1 50.8 76.2#

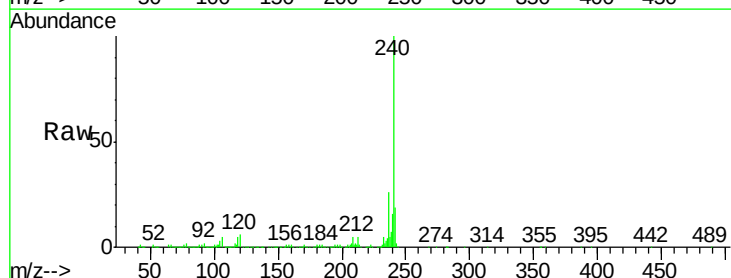


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

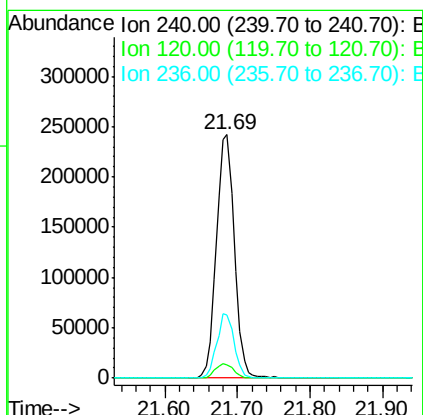
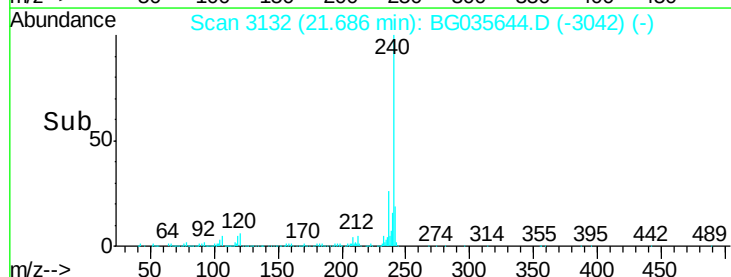


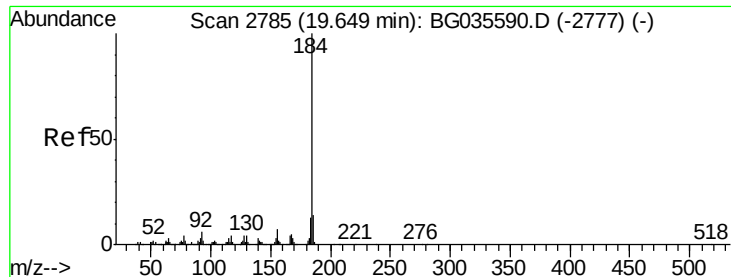
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3132
 Delta R.T. -0.00 min
 Lab File: BG035644.D
 Acq: 14 Jul 2018 00:37

Tgt Ion:240 Resp: 416645
 Ion Ratio Lower Upper
 240 100
 120 5.6 6.8 10.2#
 236 26.0 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: 3.221 ng

RT: 20.02 min Scan# 2849

Delta R.T. 0.37 min

Lab File: BG035644.D

Acq: 14 Jul 2018 00:37

Instrument :

BNA_G

ClientSampleId :

TP-E-MH-S

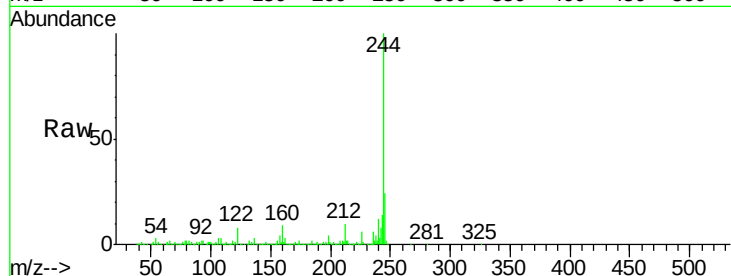
Tgt Ion:184 Resp: 35287

Ion Ratio Lower Upper

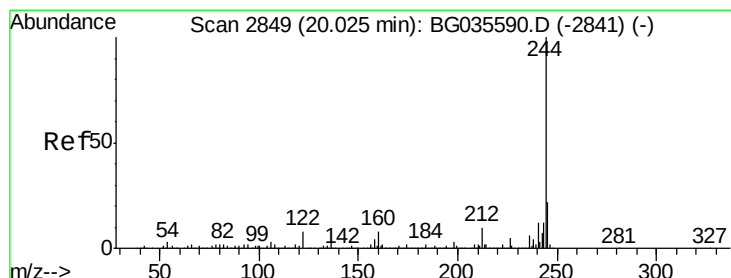
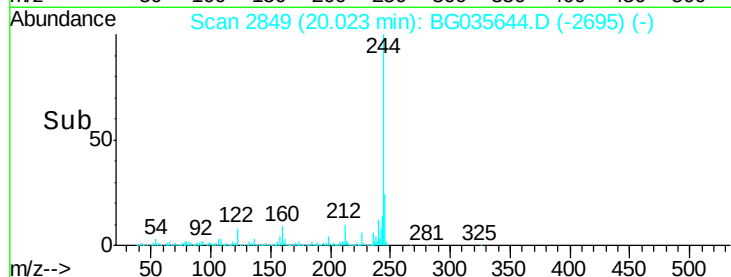
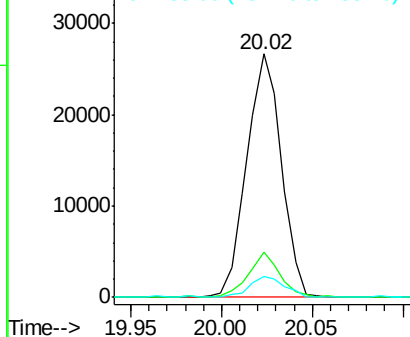
184 100

185 18.6 11.1 16.7#

183 8.6 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: 95.646 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG035644.D

Acq: 14 Jul 2018 00:37

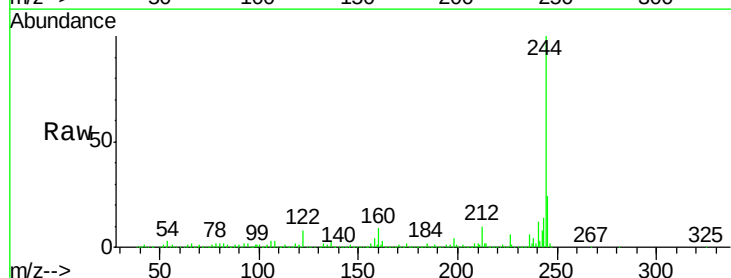
Tgt Ion:244 Resp: 1807857

Ion Ratio Lower Upper

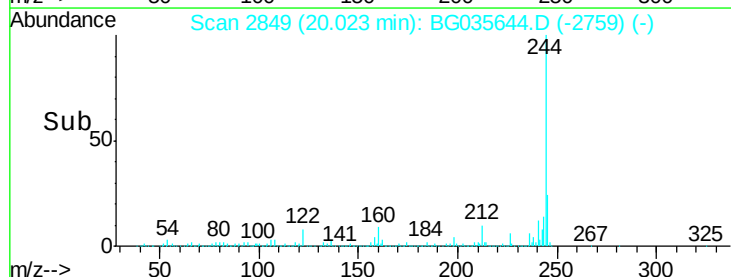
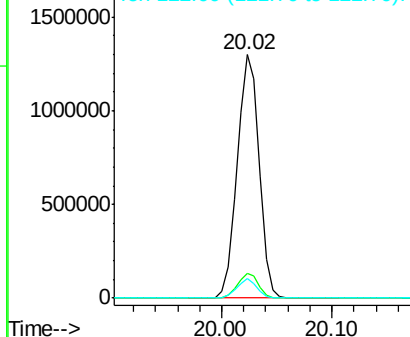
244 100

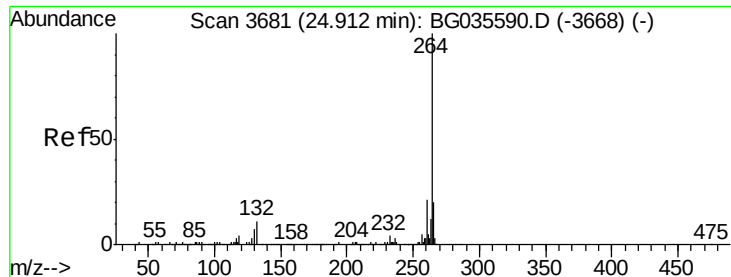
212 10.0 5.8 8.8#

122 7.8 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

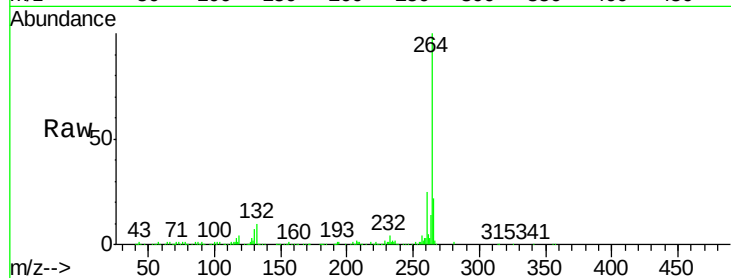




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3680
Delta R.T. -0.01 min
Lab File: BG035644.D
Acq: 14 Jul 2018 00:37

Instrument :
BNA_G
ClientSampleId :
TP-E-MH-S

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	17.4	26.0
265	21.8	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

