

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080818\
 Data File : BG036227.D
 Acq On : 9 Aug 2018 11:06
 Operator : JU/SJ
 Sample : J4330-08
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 073018-TIPC-F-D-S

Quant Time: Aug 09 11:58:48 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

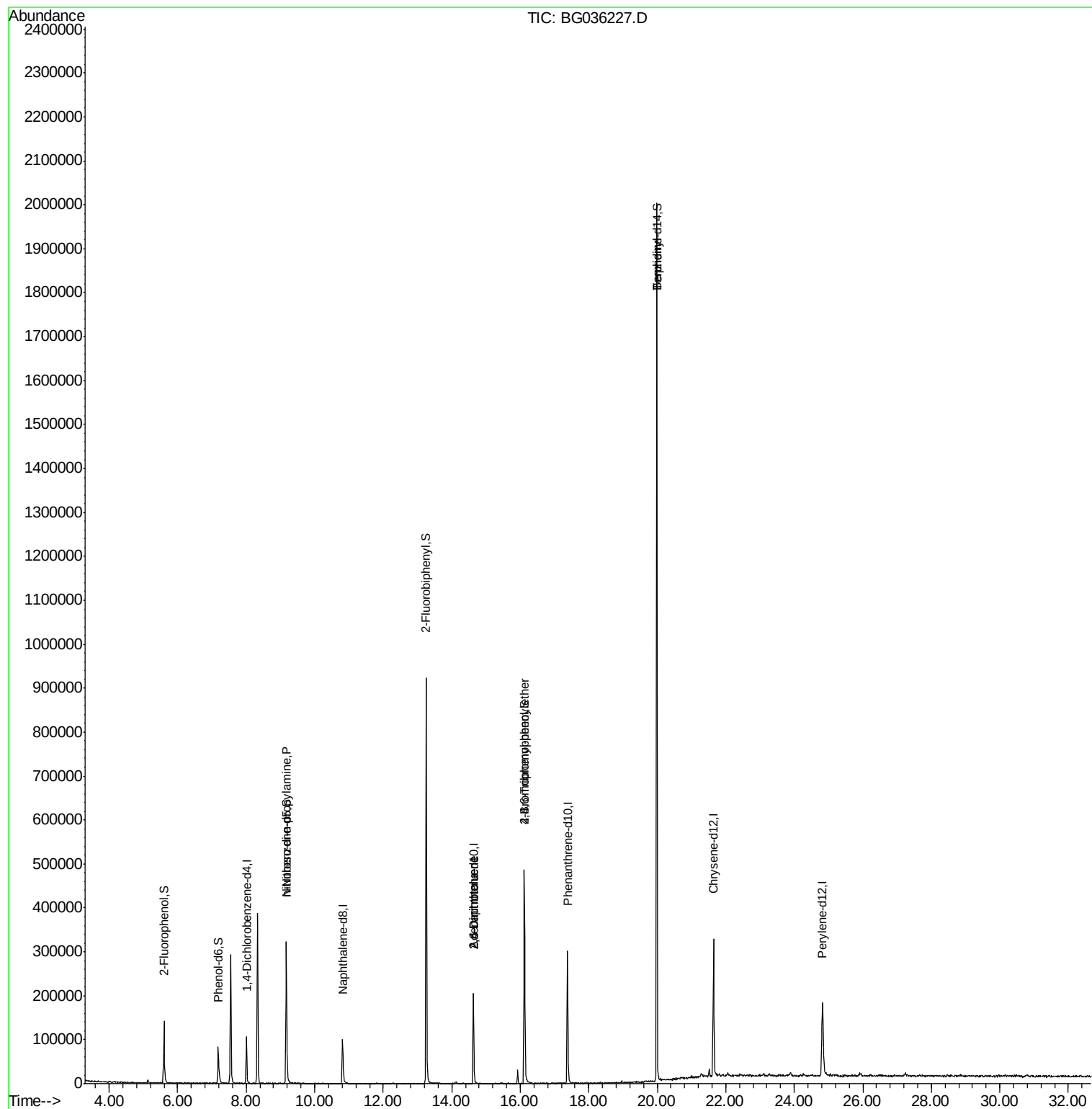
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	30083	20.00	ng	-0.02
21) Naphthalene-d8	10.81	136	103016	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	77674	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	218871	20.00	ng	-0.02
75) Chrysene-d12	21.64	240	222714	20.00	ng	-0.02
86) Perylene-d12	24.83	264	204108	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	72189	39.84	ng	0.00
7) Phenol-d6	7.18	99	60801	22.49	ng	-0.02
23) Nitrobenzene-d5	9.17	82	236326	95.83	ng	-0.02
41) 2,4,6-Tribromophenol	16.13	330	104995	102.55	ng	-0.02
44) 2-Fluorobiphenyl	13.25	172	524159	90.41	ng	-0.02
78) Terphenyl-d14	19.99	244	944706	93.50	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.17	70	32754	14.388	ng	# 71
50) 2,6-Dinitrotoluene	14.63	165	10747	7.755	ng	# 18
56) 2,4-Dinitrotoluene	14.63	165	10747	5.405	ng	# 16
66) 4-Bromophenyl-phenylether	16.13	248	8459	3.331	ng	# 1
76) Benzidine	19.99	184	17059	2.913	ng	# 89

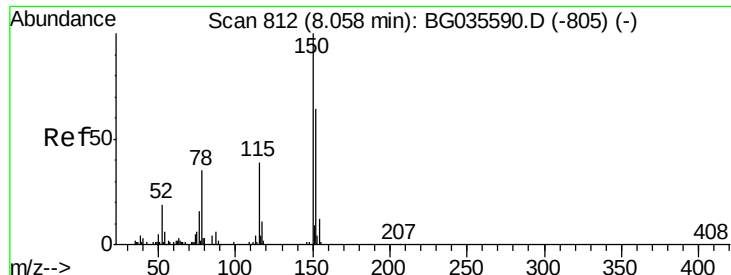
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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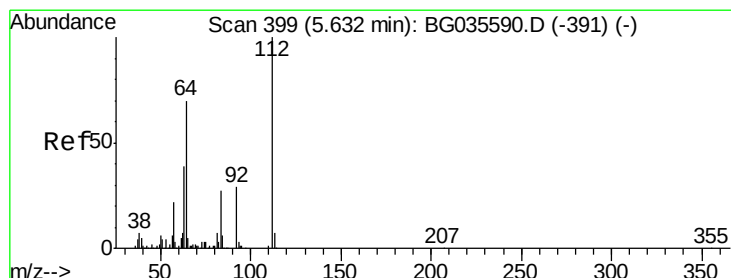
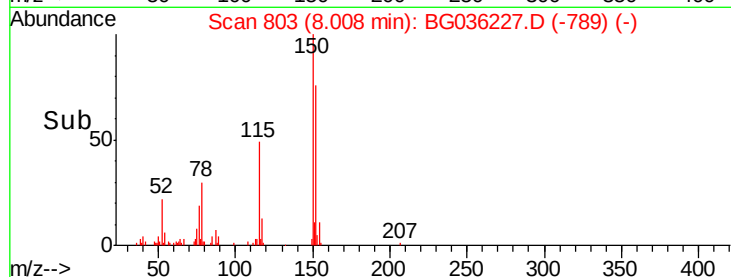
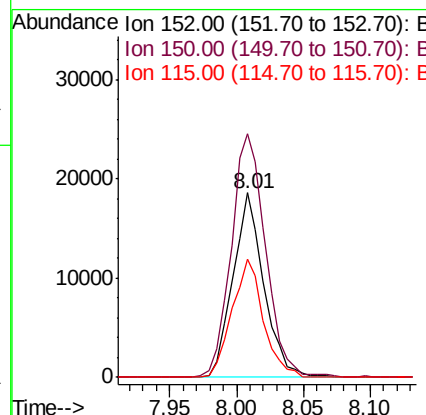
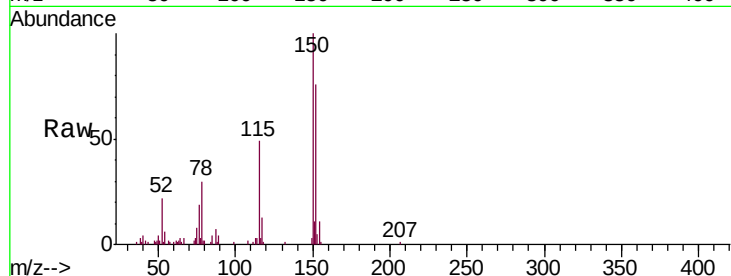


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 803
Delta R.T. -0.02 min
Lab File: BG036227.D
Acq: 9 Aug 2018 11:06

Instrument :
BNA_G
ClientSampleId :
073018-TIPC-F-D-S

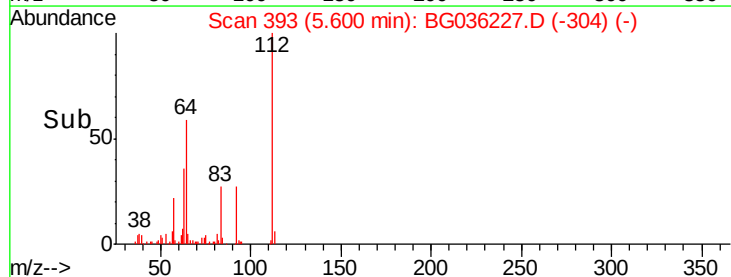
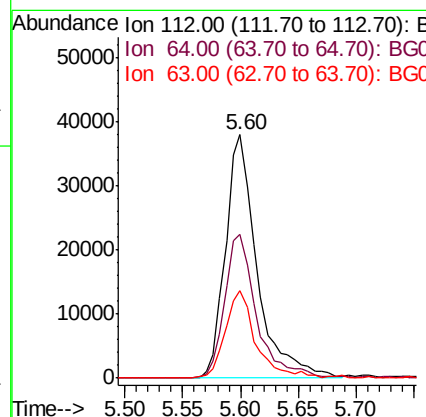
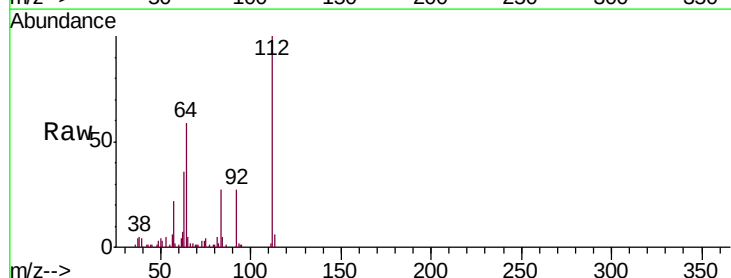
Tgt Ion:152 Resp: 30083
Ion Ratio Lower Upper
152 100
150 132.2 126.6 189.8
115 64.4 53.0 79.4

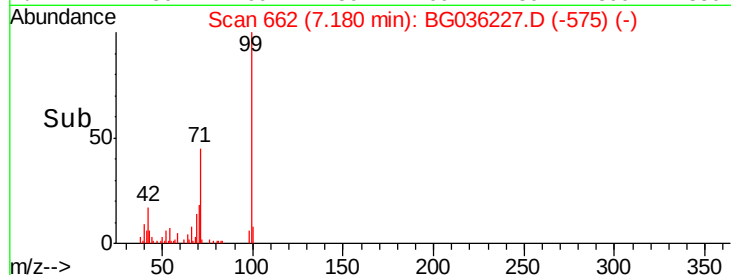
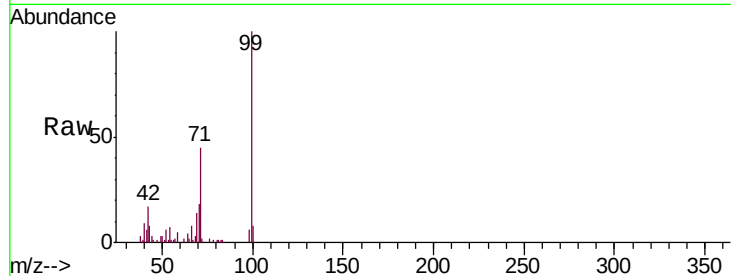
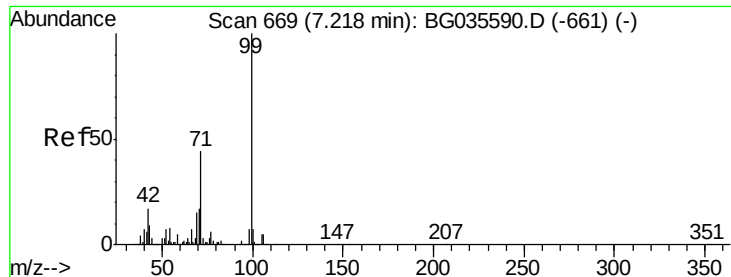


#5

2-Fluorophenol
Concen: 39.840 ng
RT: 5.60 min Scan# 393
Delta R.T. -0.00 min
Lab File: BG036227.D
Acq: 9 Aug 2018 11:06

Tgt Ion:112 Resp: 72189
Ion Ratio Lower Upper
112 100
64 59.1 56.3 84.5
63 35.7 30.1 45.1





#7

Phenol-d6

Concen: 22.490 ng

RT: 7.18 min Scan# 662

Delta R.T. -0.02 min

Lab File: BG036227.D

Acq: 9 Aug 2018 11:06

Instrument :

BNA_G

ClientSampleId :

073018-TIPC-F-D-S

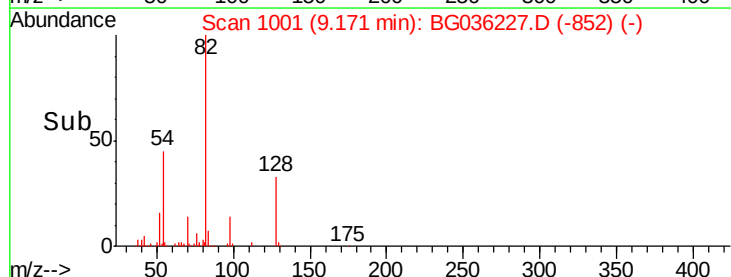
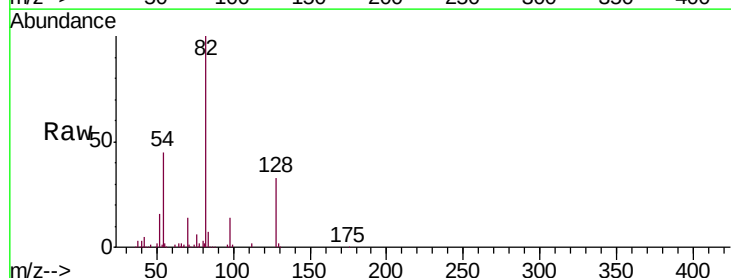
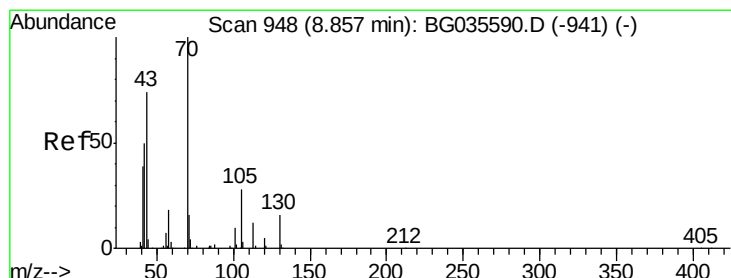
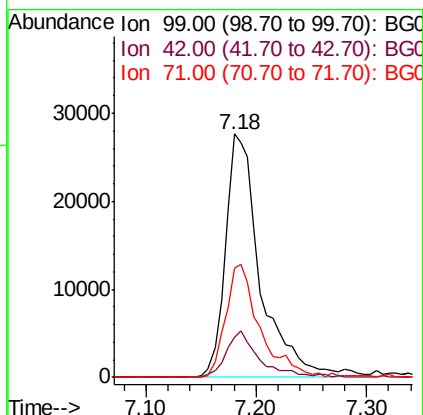
Tgt Ion: 99 Resp: 60801

Ion Ratio Lower Upper

99 100

42 16.7 14.1 21.1

71 44.9 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 14.388 ng

RT: 9.17 min Scan# 1001

Delta R.T. 0.34 min

Lab File: BG036227.D

Acq: 9 Aug 2018 11:06

Tgt Ion: 70 Resp: 32754

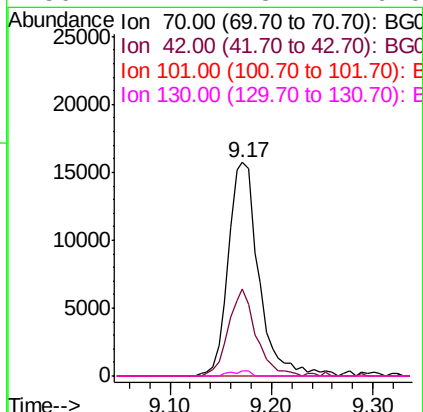
Ion Ratio Lower Upper

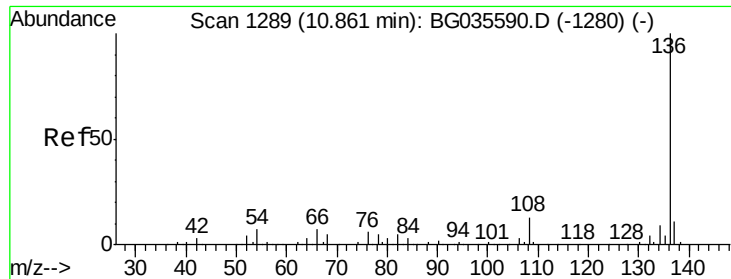
70 100

42 40.5 49.1 73.7#

101 0.0 8.5 12.7#

130 2.4 13.4 20.0#

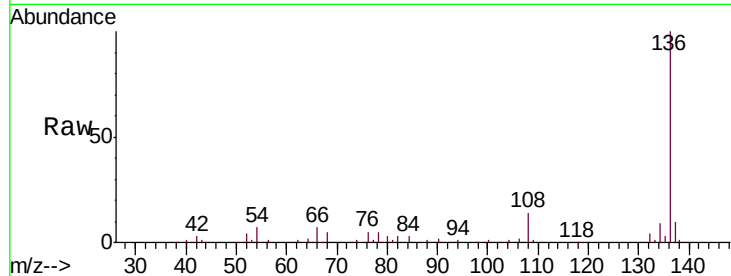




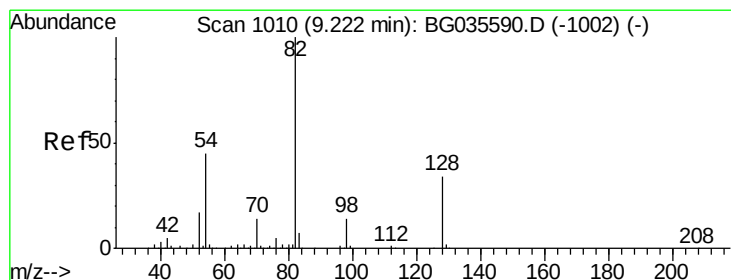
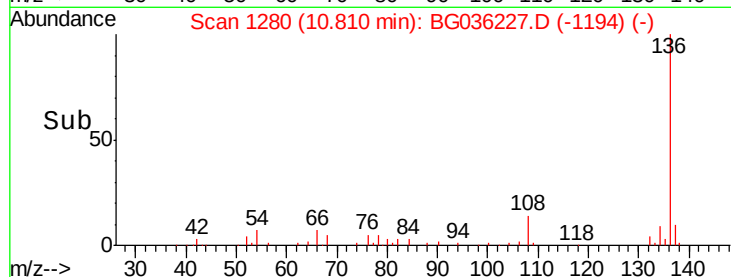
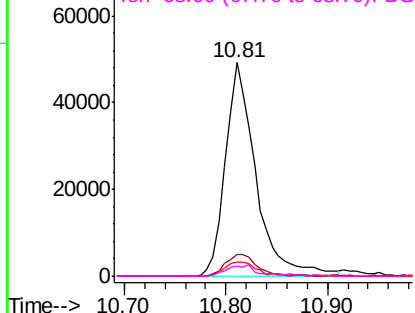
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BG036227.D
Acq: 9 Aug 2018 11:06

Instrument :
BNA_G
ClientSampleId :
073018-TIPC-F-D-S

Tgt Ion:	136	Resp:	103016
Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.2	13.8
54	6.6	10.3	15.5#
68	4.8	4.5	6.7

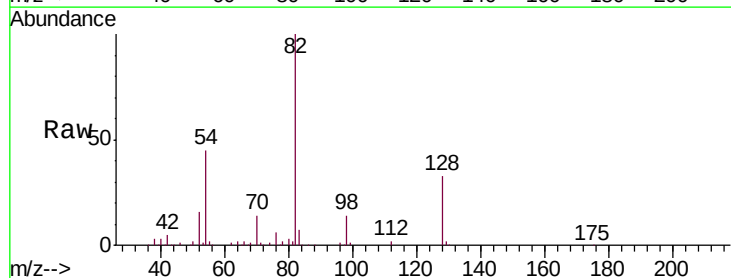


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

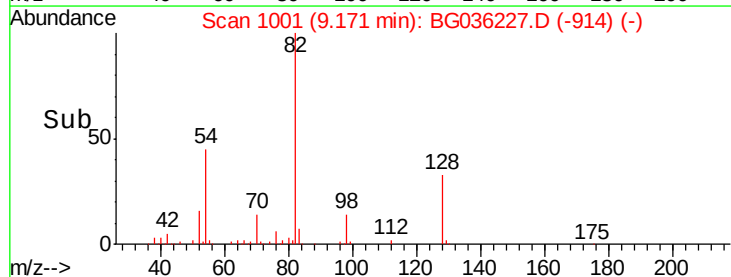
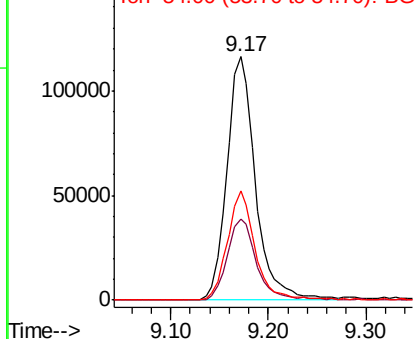


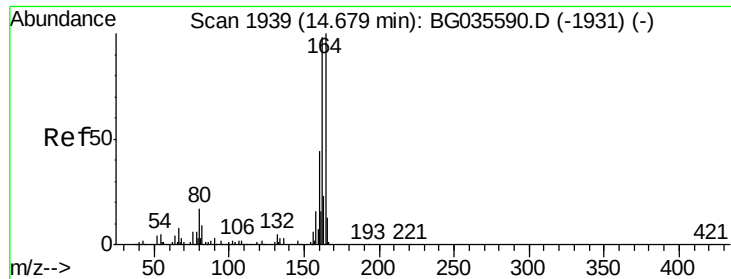
#23
Nitrobenzene-d5
Concen: 95.834 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BG036227.D
Acq: 9 Aug 2018 11:06

Tgt Ion:	82	Resp:	236326
Ion	Ratio	Lower	Upper
82	100		
128	33.3	29.7	44.5
54	44.8	43.1	64.7



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1931

Delta R.T. -0.02 min

Lab File: BG036227.D

Acq: 9 Aug 2018 11:06

Instrument :

BNA_G

ClientSampleId :

073018-TIPC-F-D-S

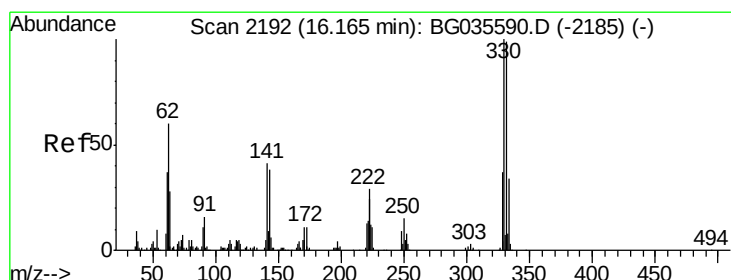
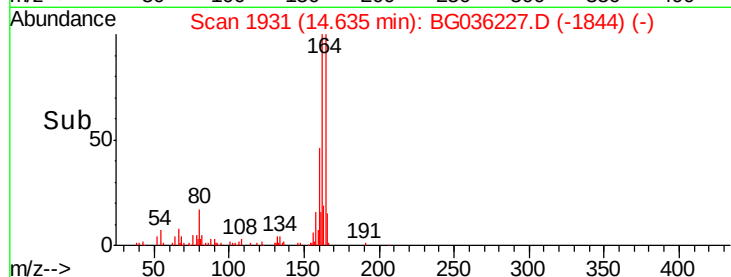
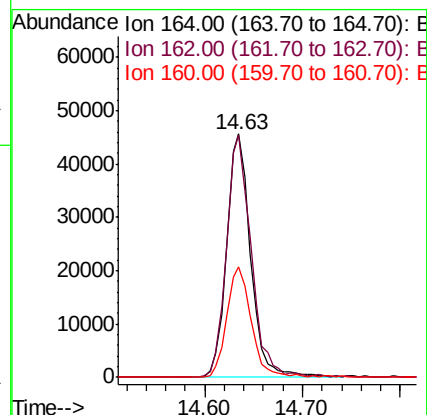
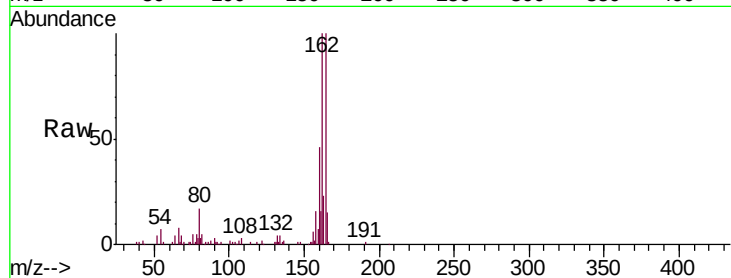
Tgt Ion:164 Resp: 77674

Ion Ratio Lower Upper

164 100

162 99.5 78.8 118.2

160 45.5 35.4 53.0



#41

2,4,6-Tribromophenol

Concen: 102.555 ng

RT: 16.13 min Scan# 2185

Delta R.T. -0.02 min

Lab File: BG036227.D

Acq: 9 Aug 2018 11:06

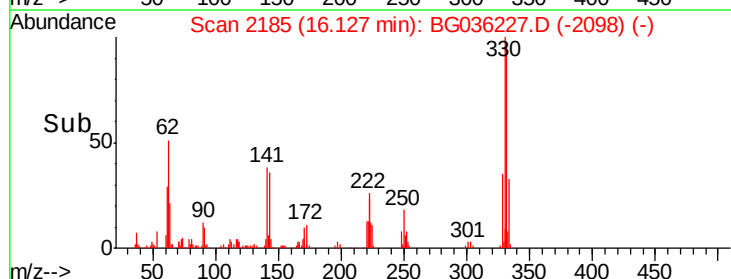
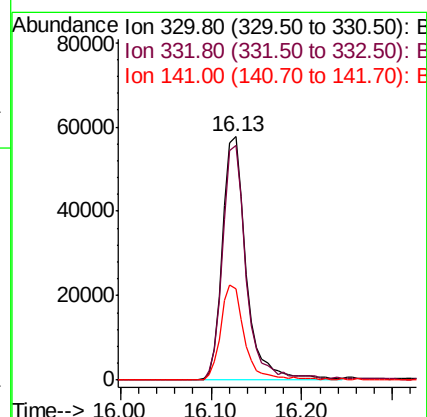
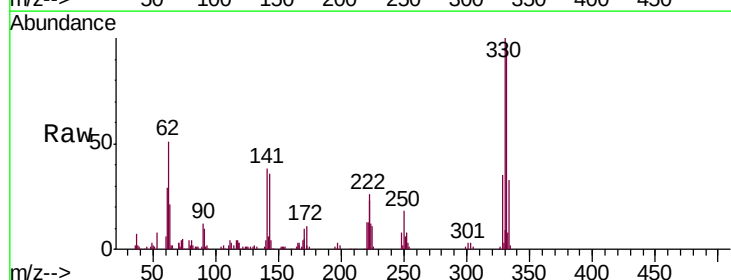
Tgt Ion:330 Resp: 104995

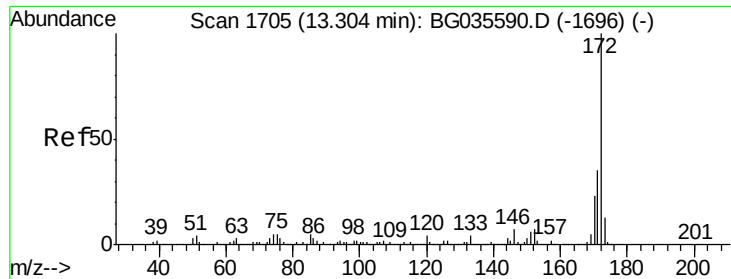
Ion Ratio Lower Upper

330 100

332 95.5 77.0 115.6

141 38.8 25.2 37.8#

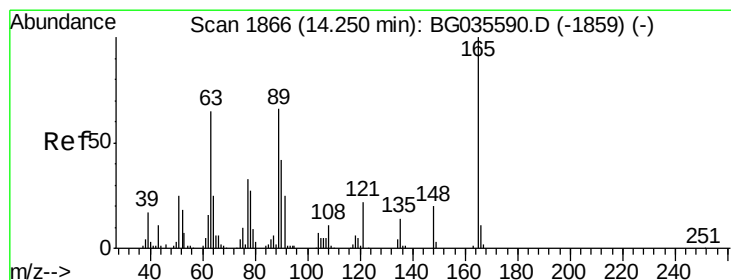
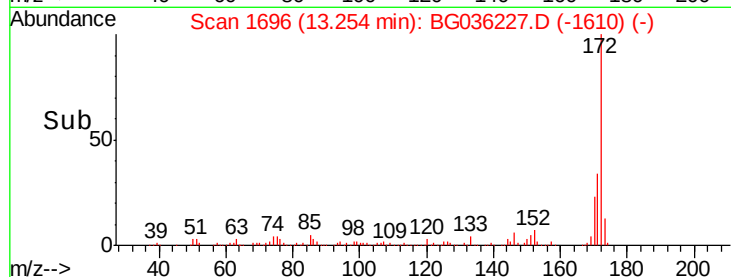
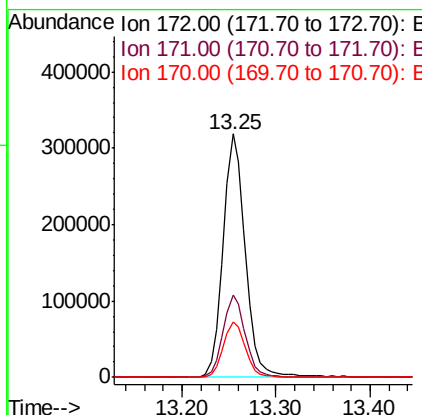
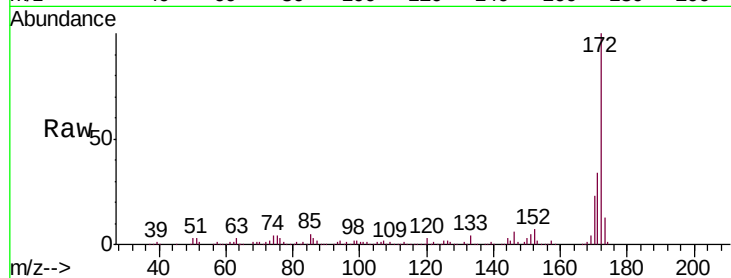




#44
 2-Fluorobiphenyl
 Concen: 90.408 ng
 RT: 13.25 min Scan# 1696
 Delta R.T. -0.02 min
 Lab File: BG036227.D
 Acq: 9 Aug 2018 11:06

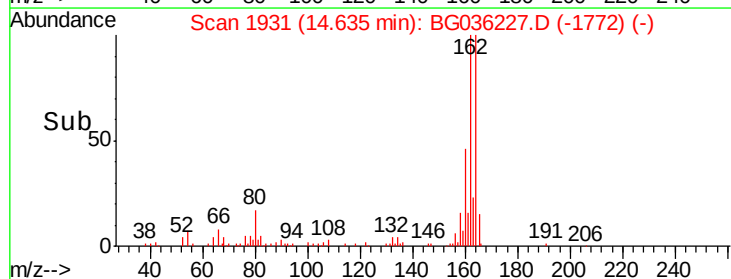
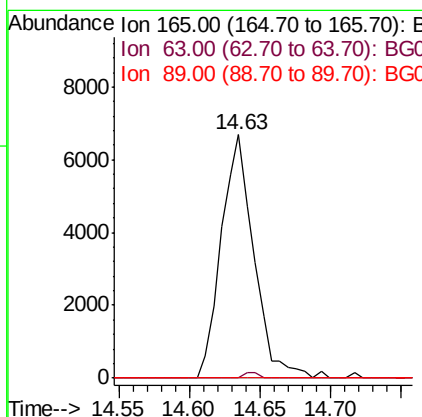
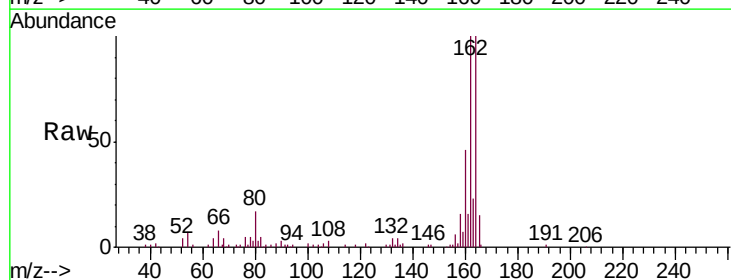
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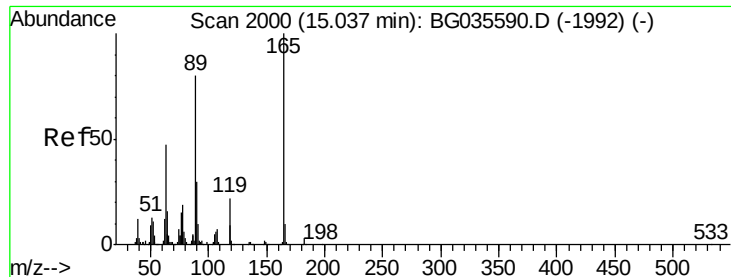
Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.7	30.0	45.0
170	22.8	19.5	29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.755 ng
 RT: 14.63 min Scan# 1931
 Delta R.T. 0.41 min
 Lab File: BG036227.D
 Acq: 9 Aug 2018 11:06

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	0.0	49.2	73.8#

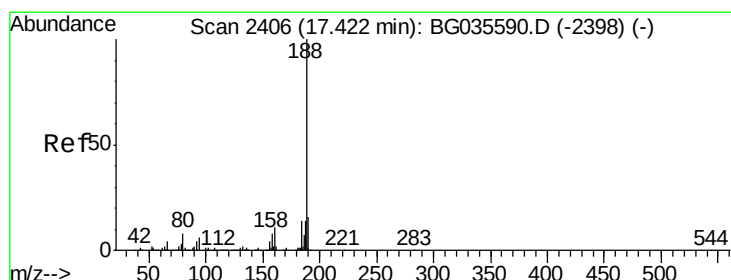
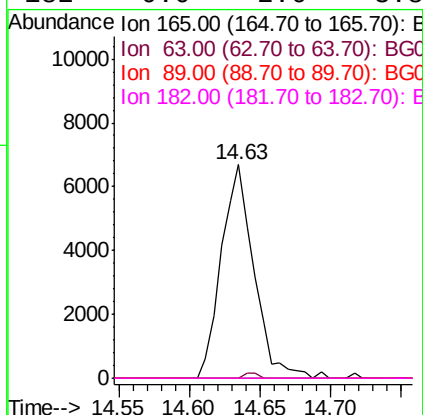
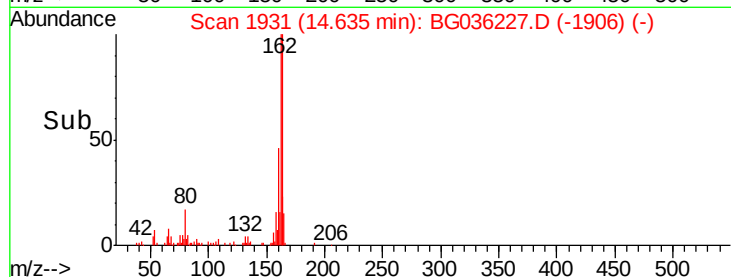
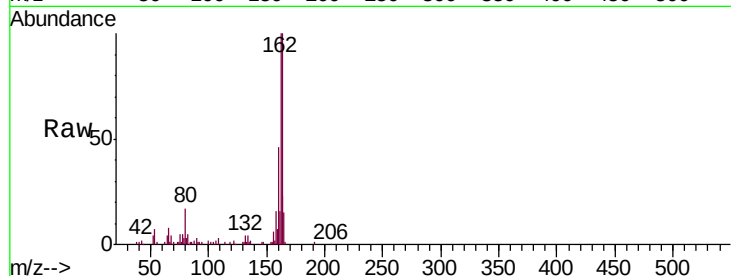




#56
 2,4-Dinitrotoluene
 Concen: 5.405 ng
 RT: 14.63 min Scan# 1931
 Delta R.T. -0.38 min
 Lab File: BG036227.D
 Acq: 9 Aug 2018 11:06

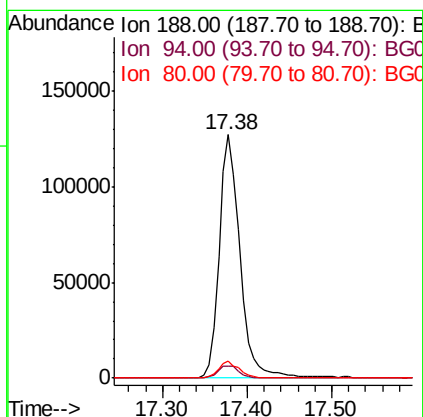
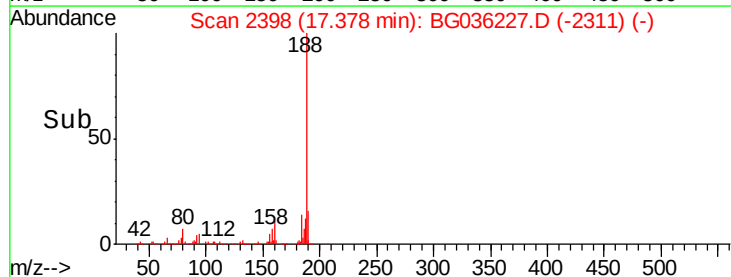
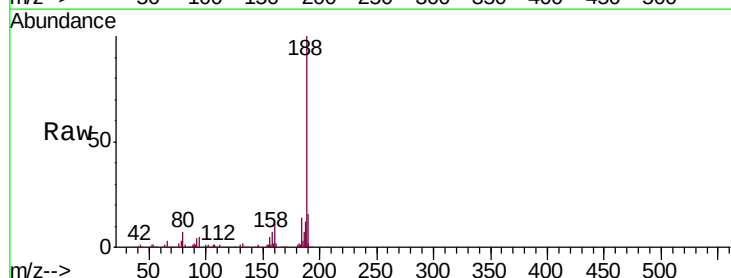
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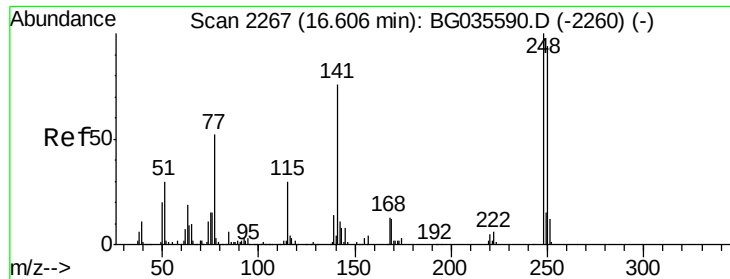
Tgt Ion:165 Resp: 10747
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 0.0 66.9 100.3#
 182 0.0 2.6 3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.38 min Scan# 2398
 Delta R.T. -0.02 min
 Lab File: BG036227.D
 Acq: 9 Aug 2018 11:06

Tgt Ion:188 Resp: 218871
 Ion Ratio Lower Upper
 188 100
 94 5.1 6.9 10.3#
 80 6.8 7.7 11.5#





#66

4-Bromophenyl-phenylether

Concen: 3.331 ng

RT: 16.13 min Scan# 2185

Delta R.T. -0.46 min

Lab File: BG036227.D

Acq: 9 Aug 2018 11:06

Instrument :

BNA_G

ClientSampleId :

073018-TIPC-F-D-S

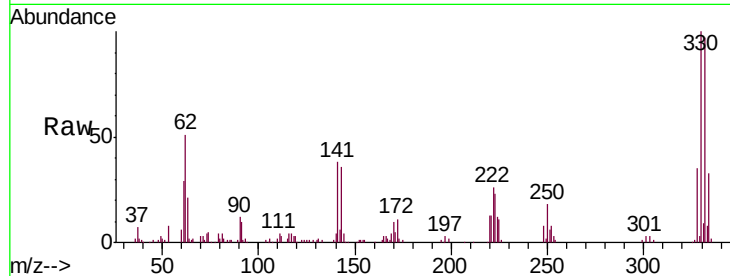
Tgt Ion:248 Resp: 8459

Ion Ratio Lower Upper

248 100

250 209.5 77.1 115.7#

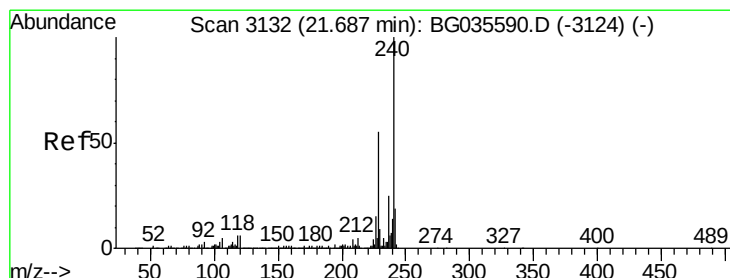
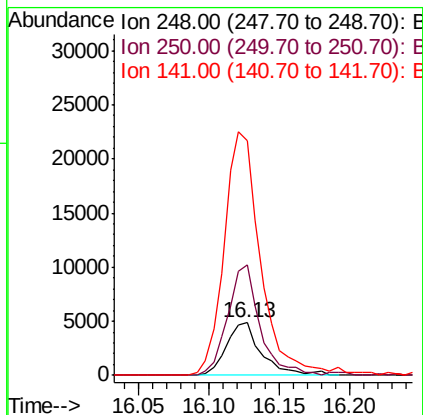
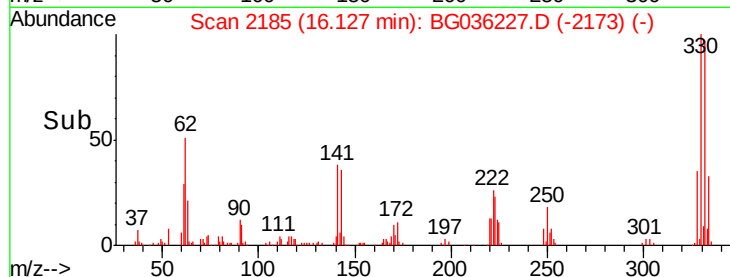
141 444.9 50.8 76.2#



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: 21.64 min Scan# 3124

Delta R.T. -0.02 min

Lab File: BG036227.D

Acq: 9 Aug 2018 11:06

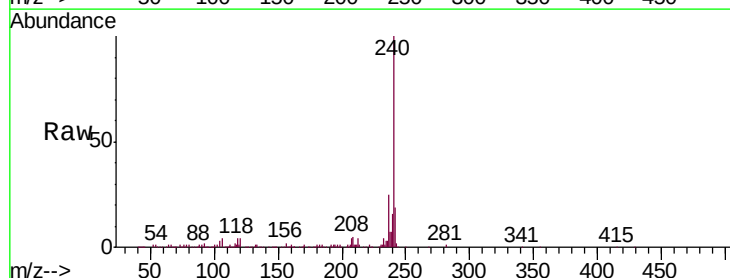
Tgt Ion:240 Resp: 222714

Ion Ratio Lower Upper

240 100

120 4.4 6.8 10.2#

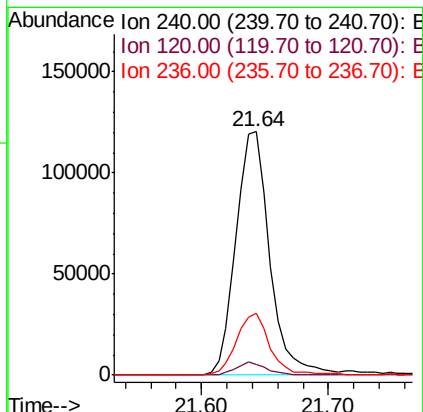
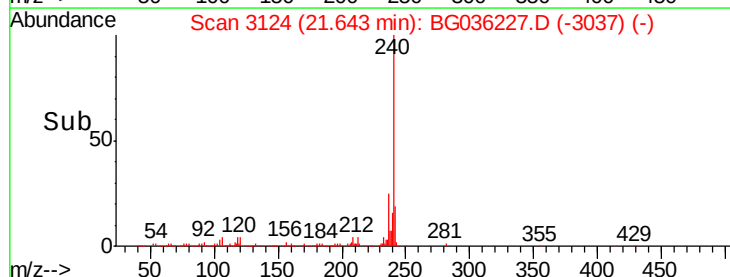
236 25.2 20.9 31.3

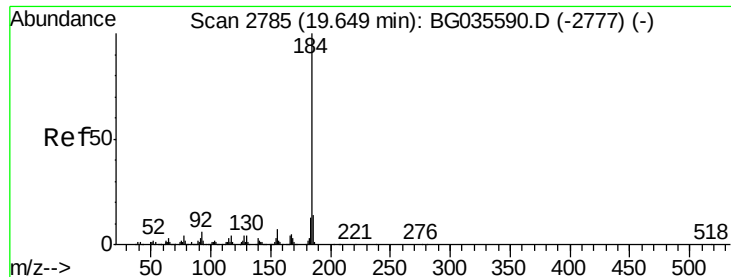


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 2.913 ng

RT: 19.99 min Scan# 2842

Delta R.T. 0.36 min

Lab File: BG036227.D

Acq: 9 Aug 2018 11:06

Instrument :

BNA_G

ClientSampleId :

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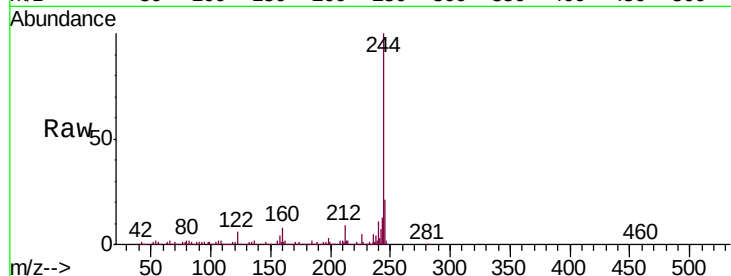
Tgt Ion:184 Resp: 17059

Ion Ratio Lower Upper

184 100

185 18.4 11.1 16.7#

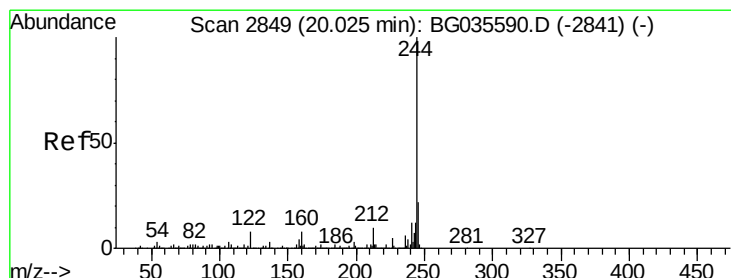
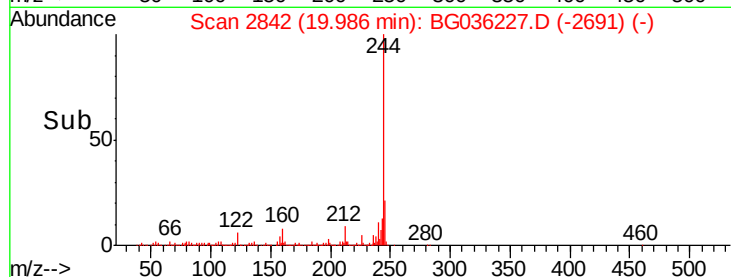
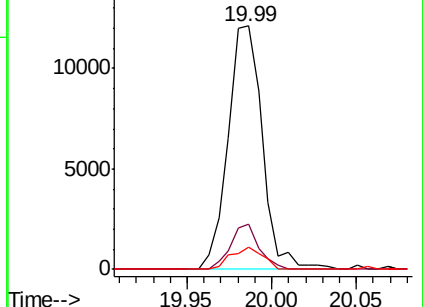
183 9.0 10.6 16.0#



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: 93.502 ng

RT: 19.99 min Scan# 2842

Delta R.T. -0.02 min

Lab File: BG036227.D

Acq: 9 Aug 2018 11:06

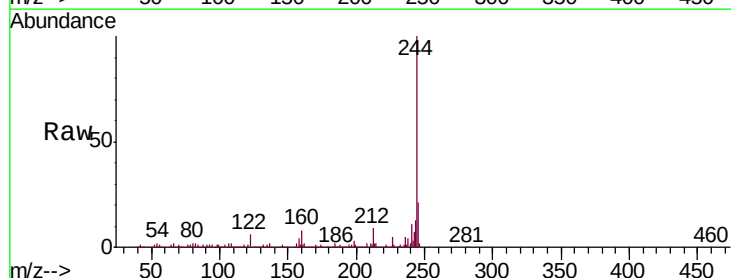
Tgt Ion:244 Resp: 944706

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

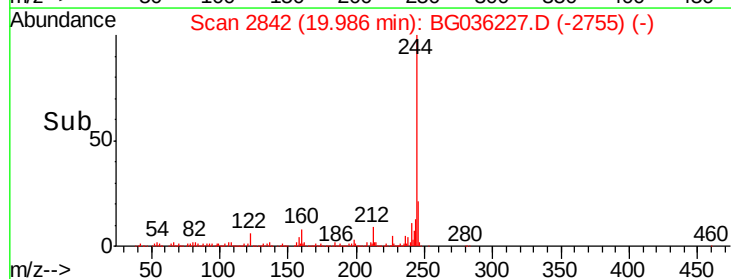
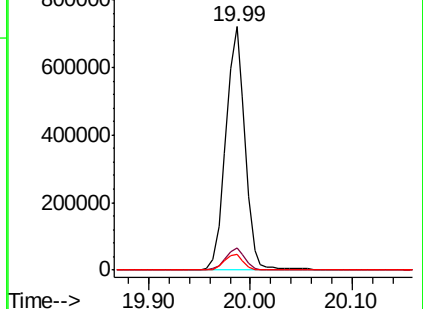
122 6.3 7.0 10.4#

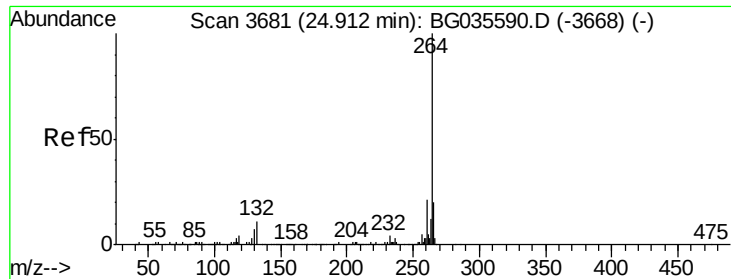


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3666
 Delta R.T. -0.03 min
 Lab File: BG036227.D
 Acq: 9 Aug 2018 11:06

Instrument :
 BNA_G
 ClientSampleId :
 073018-TIPC-F-D-S

Tgt Ion:	264	Resp:	204108
Ion	Ratio	Lower	Upper
264	100		
260	24.5	17.4	26.0
265	21.8	17.7	26.5

