

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081018\
 Data File : BG036285.D
 Acq On : 11 Aug 2018 2:37
 Operator : JU/SJ
 Sample : PB111938BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111938BL

Quant Time: Aug 11 04:38:26 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

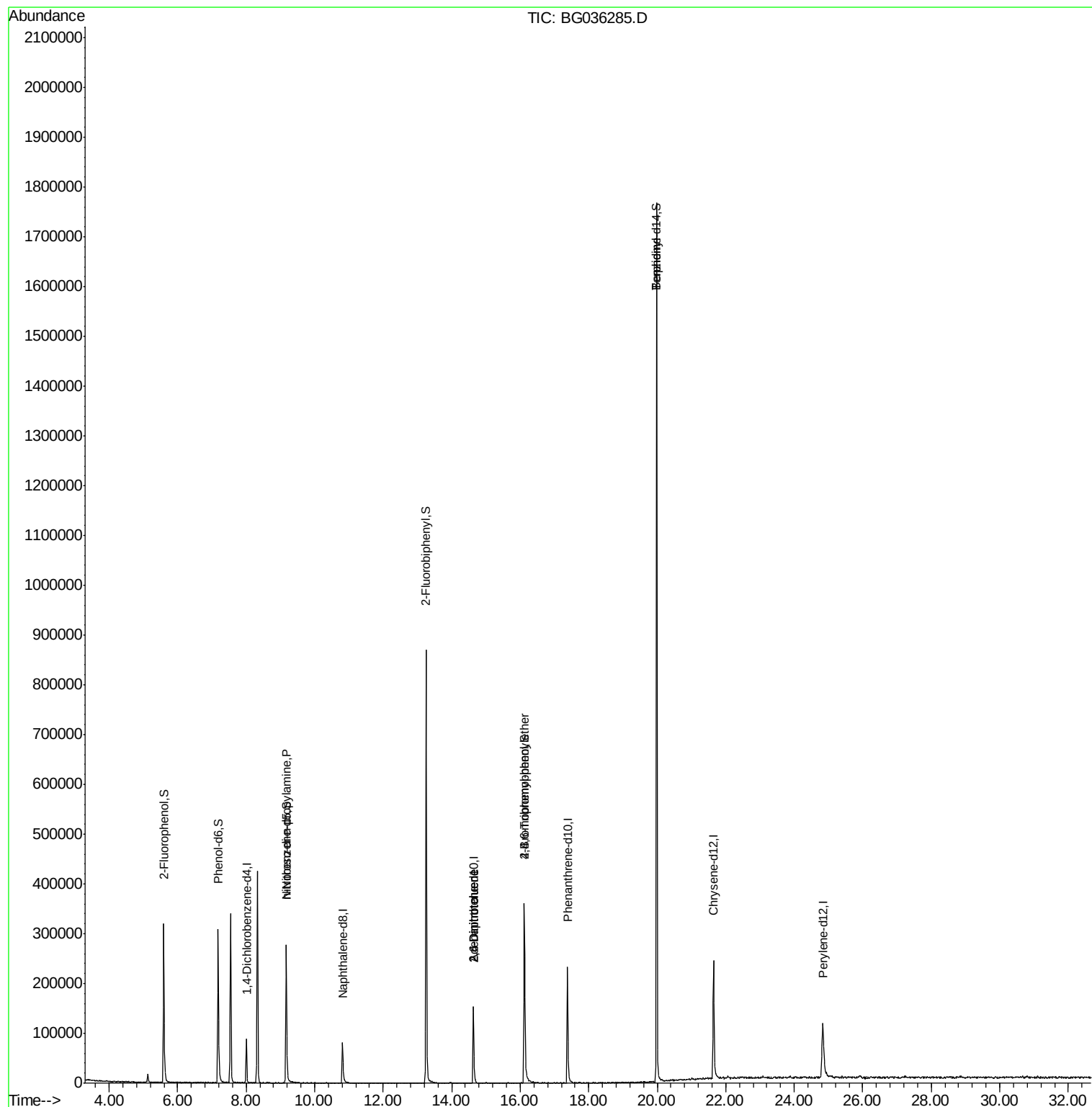
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	25158	20.00	ng	-0.02
21) Naphthalene-d8	10.81	136	90074	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	62046	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	181811	20.00	ng	-0.02
75) Chrysene-d12	21.64	240	199602	20.00	ng	-0.02
86) Perylene-d12	24.83	264	173439	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	149273	98.51	ng	0.00
7) Phenol-d6	7.18	99	208044	92.02	ng	-0.02
23) Nitrobenzene-d5	9.17	82	216810	100.55	ng	-0.02
41) 2,4,6-Tribromophenol	16.13	330	95819	117.17	ng	-0.02
44) 2-Fluorobiphenyl	13.25	172	516954	111.62	ng	-0.02
78) Terphenyl-d14	19.98	244	938698	103.66	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.17	70	29780	15.642	ng	# 70
50) 2,6-Dinitrotoluene	14.63	165	8110	7.326	ng	# 18
56) 2,4-Dinitrotoluene	14.63	165	8110	5.107	ng	# 16
66) 4-Bromophenyl-phenylether	16.12	248	7648	3.626	ng	# 1
76) Benzidine	19.98	184	16871	3.215	ng	# 95

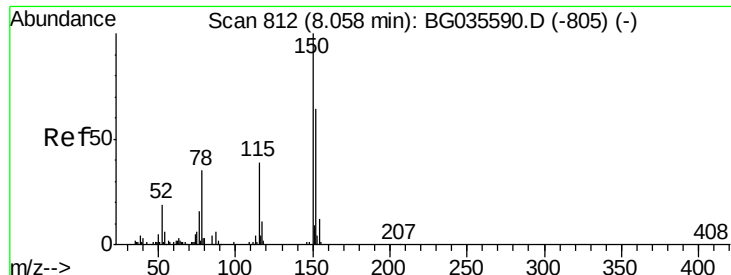
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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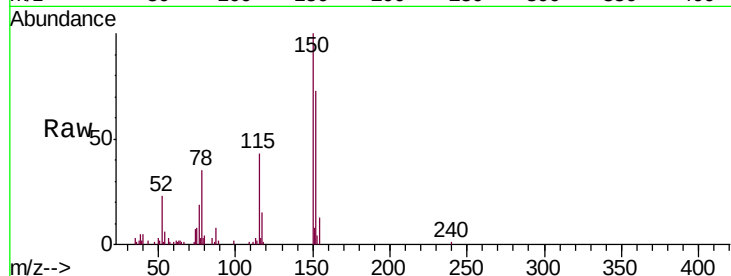


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 802
Delta R.T. -0.02 min
Lab File: BG036285.D
Acq: 11 Aug 2018 2:37

Instrument :
BNA_G
ClientSampleId :
PB111938BL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	137.4	126.6	189.8
115	59.7	53.0	79.4

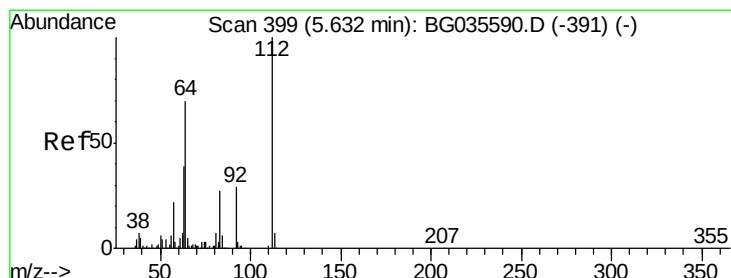
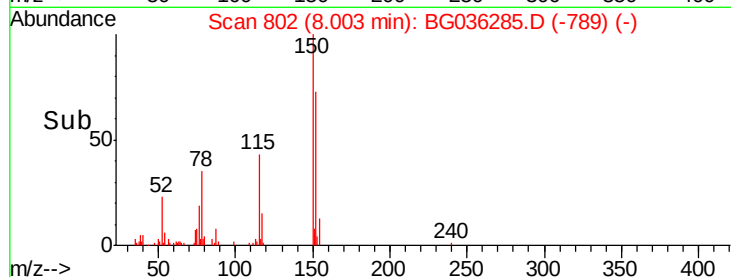
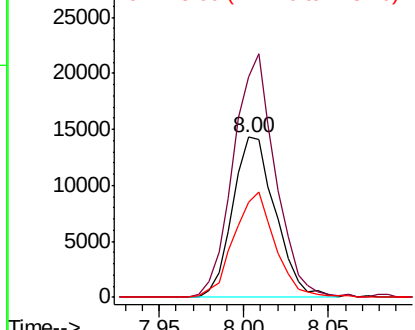


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

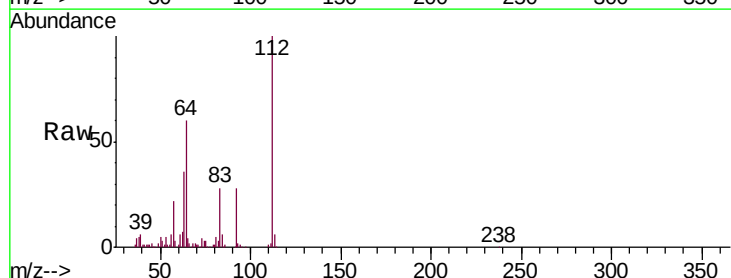
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 98.509 ng
RT: 5.59 min Scan# 392
Delta R.T. -0.01 min
Lab File: BG036285.D
Acq: 11 Aug 2018 2:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.8	56.3	84.5
63	36.0	30.1	45.1

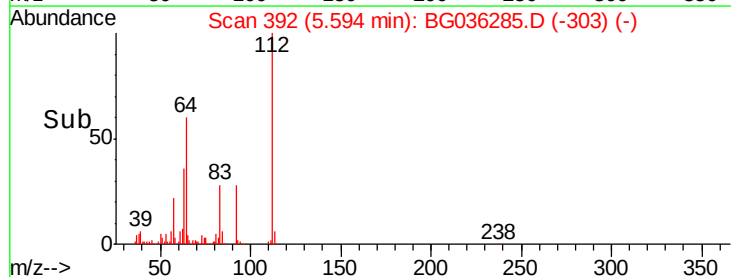
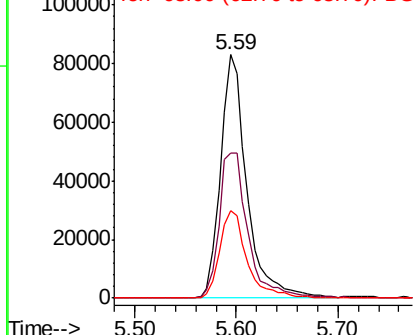


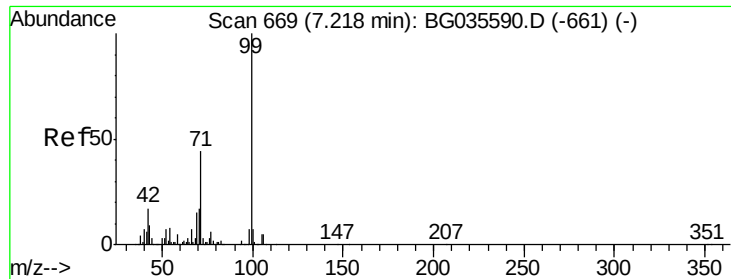
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 92.020 ng

RT: 7.18 min Scan# 662

Delta R.T. -0.02 min

Lab File: BG036285.D

Acq: 11 Aug 2018 2:37

Instrument :

BNA_G

ClientSampleId :

PB111938BL

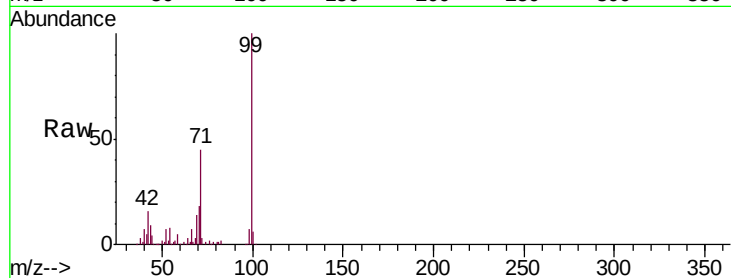
Tgt Ion: 99 Resp: 208044

Ion Ratio Lower Upper

99 100

42 16.5 14.1 21.1

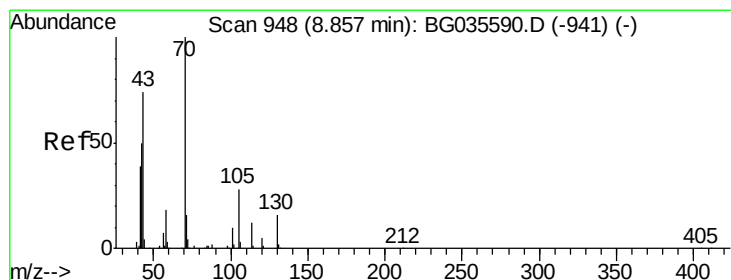
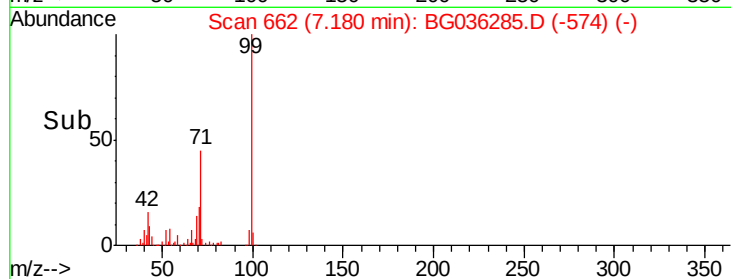
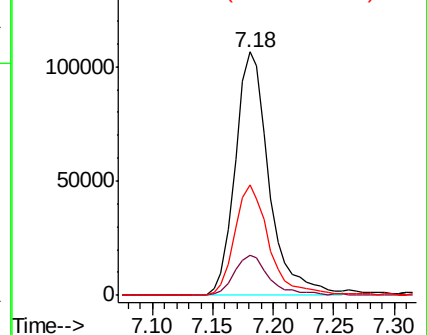
71 45.2 26.1 39.1#



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: 15.642 ng

RT: 9.17 min Scan# 1000

Delta R.T. 0.34 min

Lab File: BG036285.D

Acq: 11 Aug 2018 2:37

Tgt Ion: 70 Resp: 29780

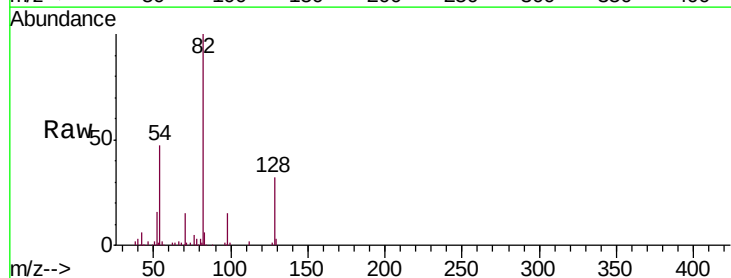
Ion Ratio Lower Upper

70 100

42 40.3 49.1 73.7#

101 0.0 8.5 12.7#

130 0.0 13.4 20.0#

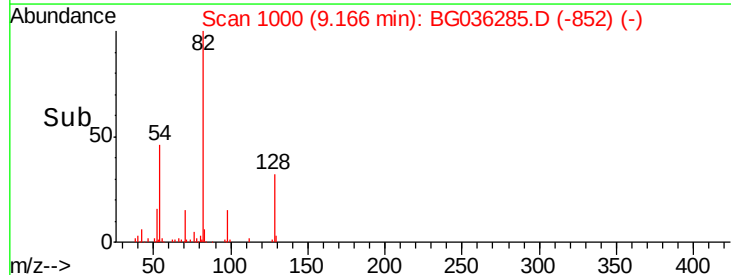
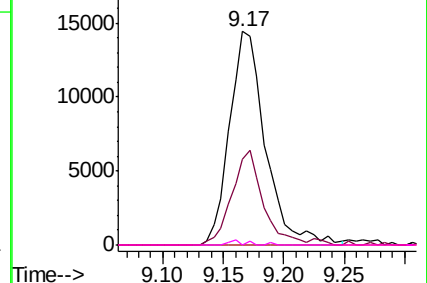


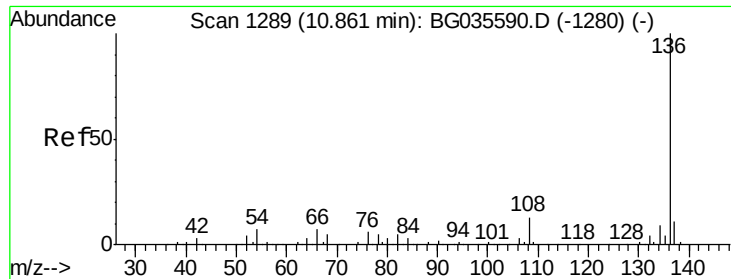
Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

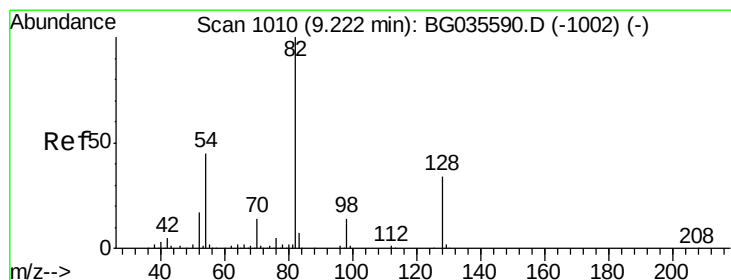
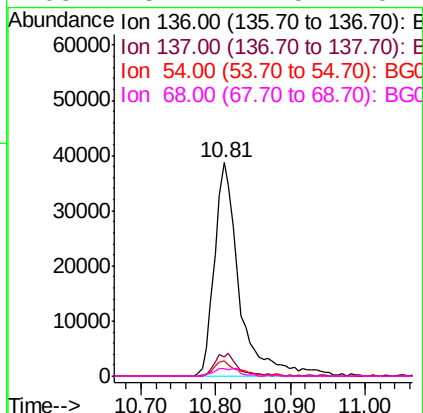
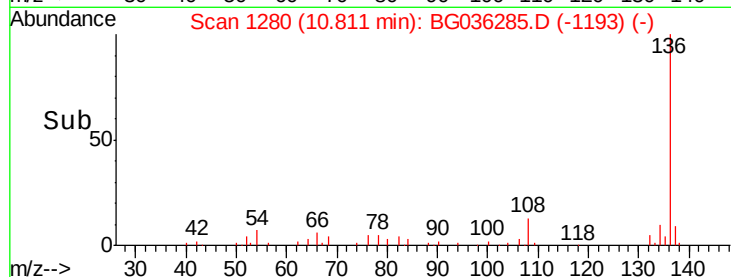
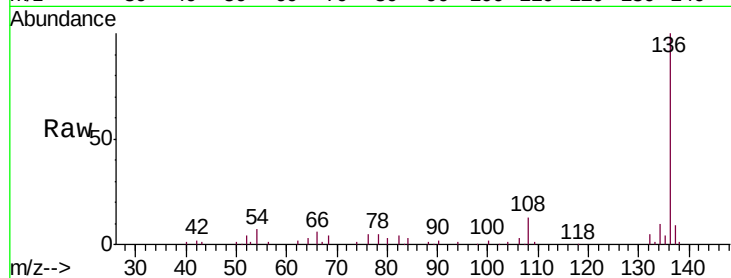




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BG036285.D
Acq: 11 Aug 2018 2:37

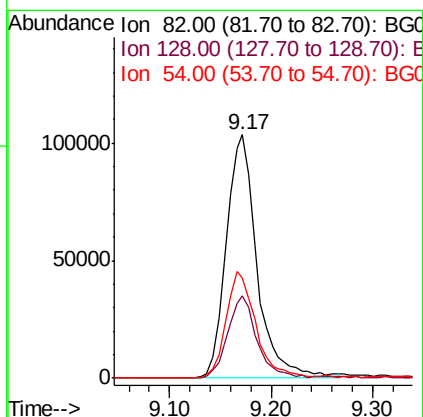
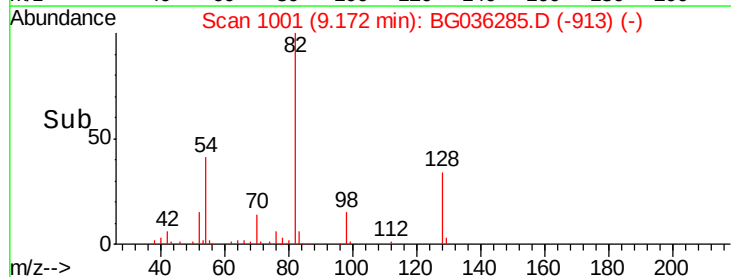
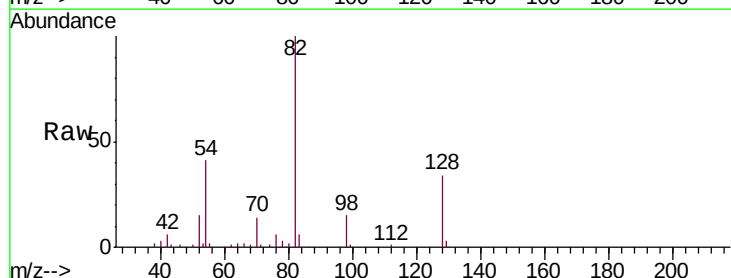
Instrument :
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PB111938BL

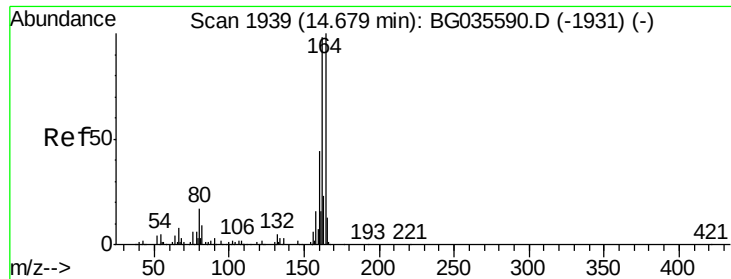
Tgt Ion: 136 Resp: 90074
Ion Ratio Lower Upper
136 100
137 8.8 9.2 13.8#
54 7.1 10.3 15.5#
68 3.7 4.5 6.7#



#23
Nitrobenzene-d5
Concen: 100.553 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BG036285.D
Acq: 11 Aug 2018 2:37

Tgt Ion: 82 Resp: 216810
Ion Ratio Lower Upper
82 100
128 33.9 29.7 44.5
54 41.1 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: BG036285.D

Acq: 11 Aug 2018 2:37

Instrument :

BNA_G

ClientSampleId :

PB111938BL

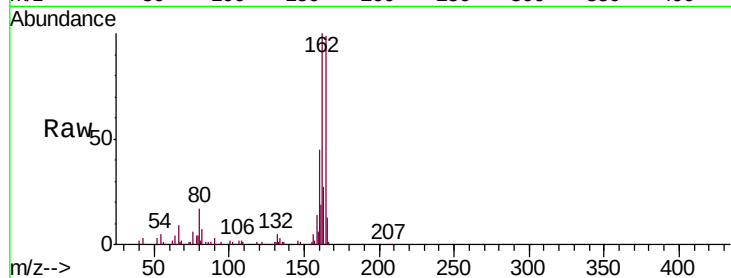
Tgt Ion:164 Resp: 62046

Ion Ratio Lower Upper

164 100

162 101.5 78.8 118.2

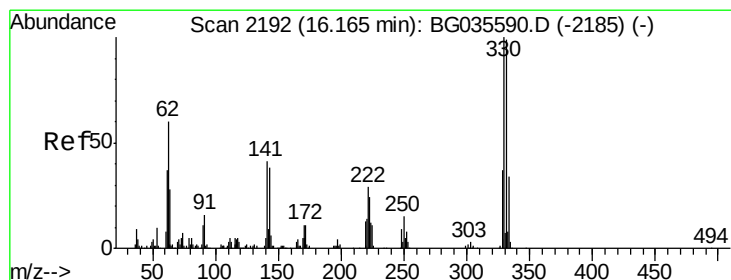
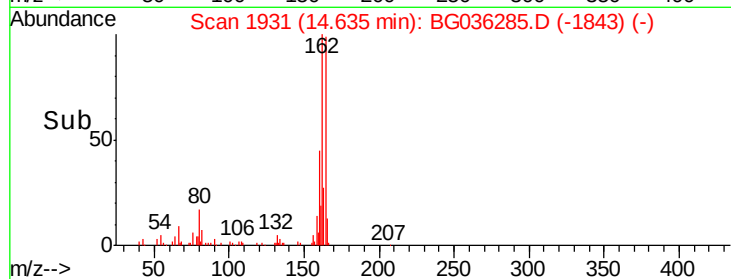
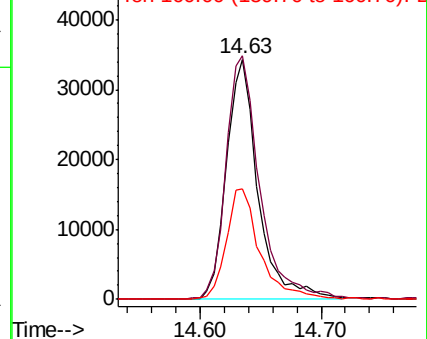
160 46.0 35.4 53.0



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: 117.166 ng

RT: 16.13 min Scan# 2185

Delta R.T. -0.02 min

Lab File: BG036285.D

Acq: 11 Aug 2018 2:37

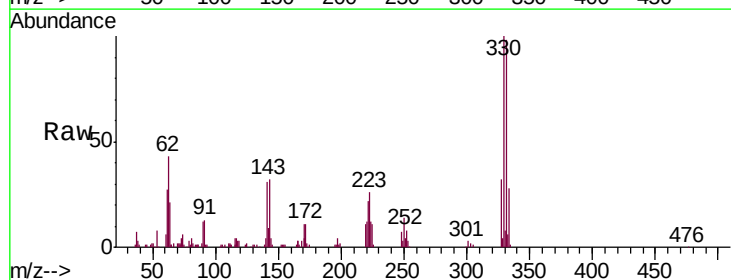
Tgt Ion:330 Resp: 95819

Ion Ratio Lower Upper

330 100

332 92.5 77.0 115.6

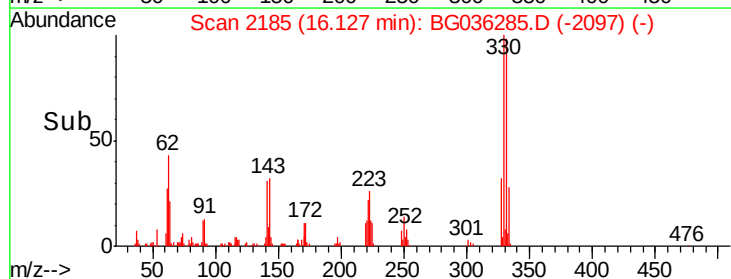
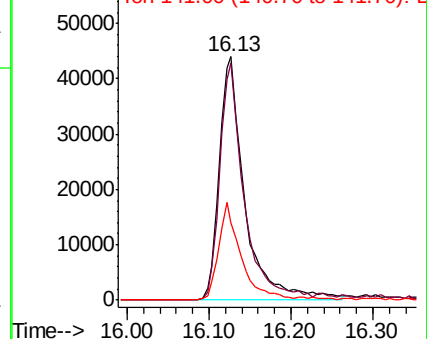
141 35.0 25.2 37.8

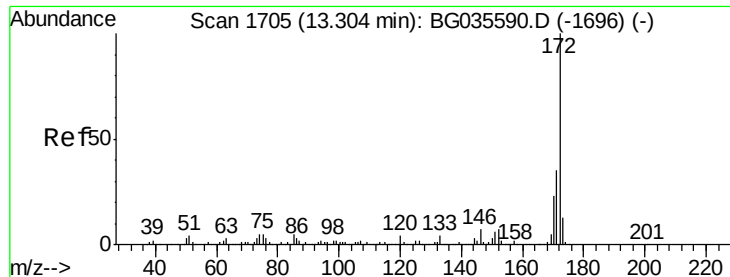


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

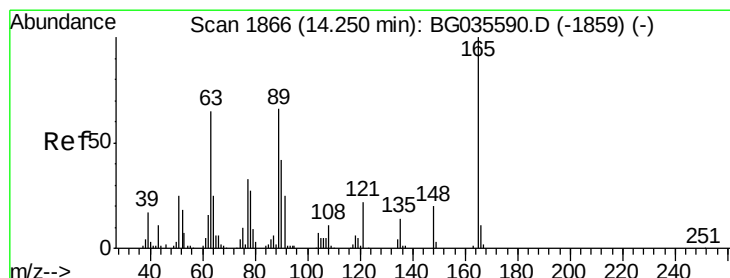
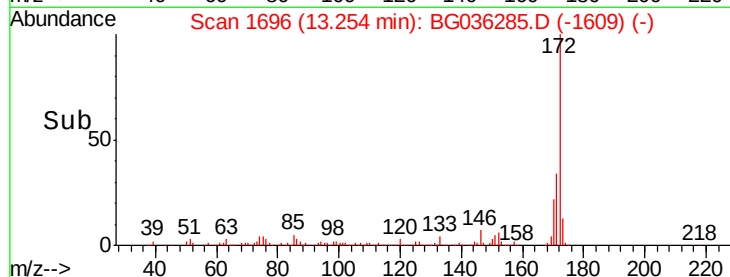
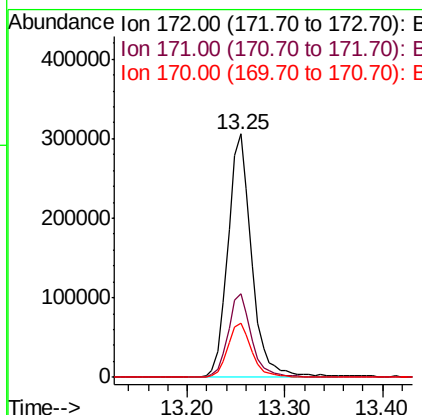
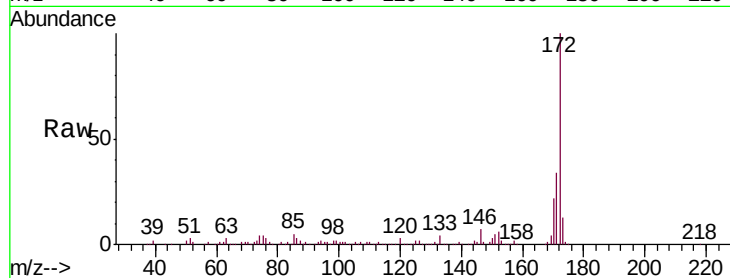




#44
 2-Fluorobiphenyl
 Concen: 111.624 ng
 RT: 13.25 min Scan# 1696
 Delta R.T. -0.02 min
 Lab File: BG036285.D
 Acq: 11 Aug 2018 2:37

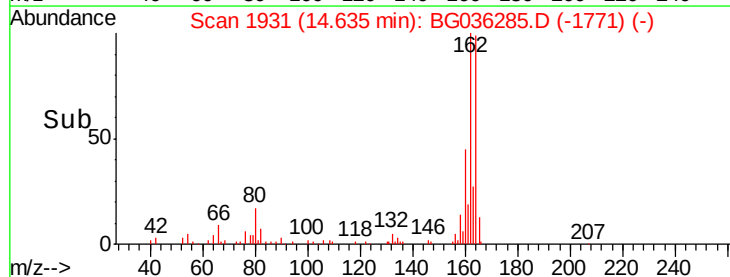
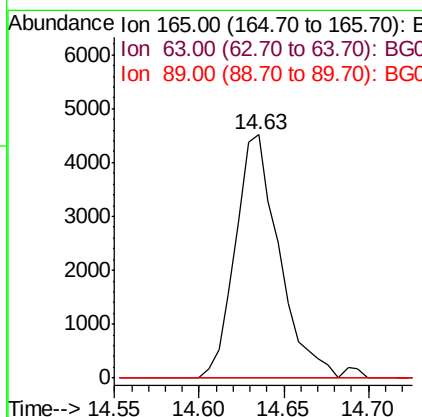
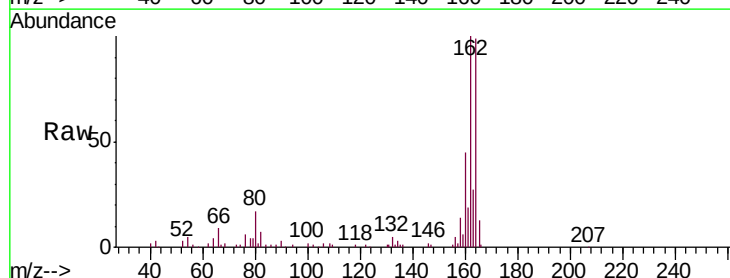
Instrument :
 BNA_G
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 PB111938BL

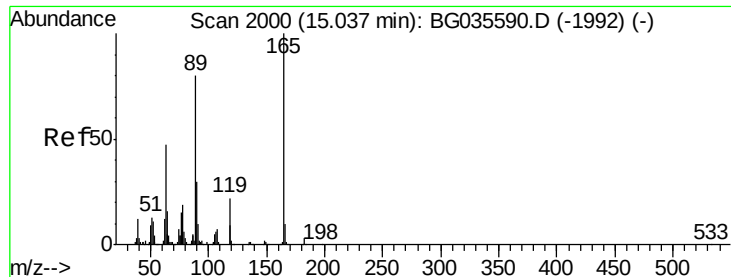
Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.2	30.0	45.0
170	22.2	19.5	29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.326 ng
 RT: 14.63 min Scan# 1931
 Delta R.T. 0.41 min
 Lab File: BG036285.D
 Acq: 11 Aug 2018 2:37

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

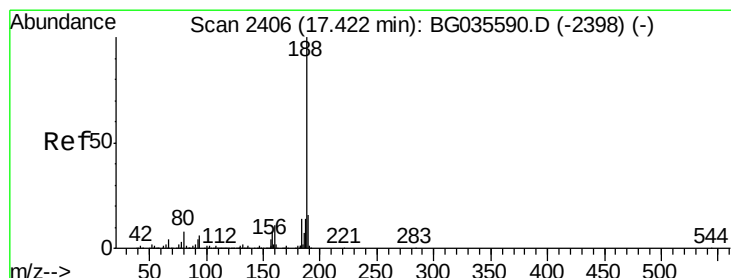
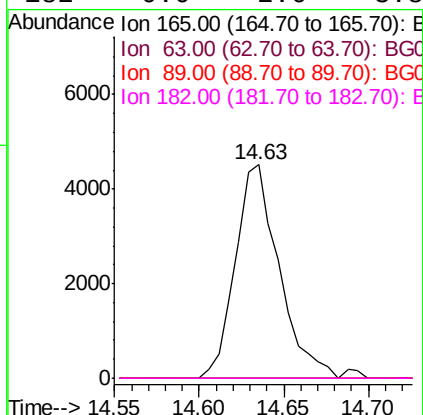
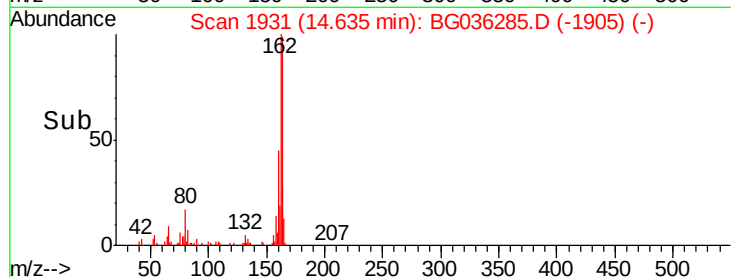
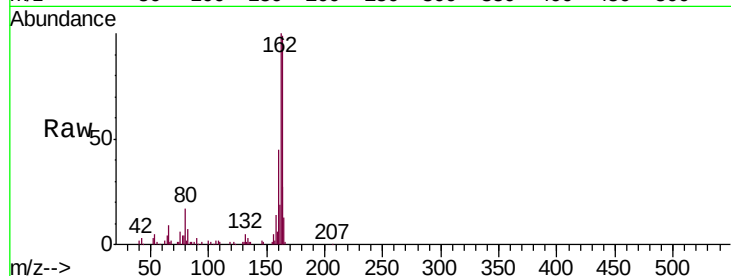




#56
 2,4-Dinitrotoluene
 Concen: 5.107 ng
 RT: 14.63 min Scan# 1931
 Delta R.T. -0.38 min
 Lab File: BG036285.D
 Acq: 11 Aug 2018 2:37

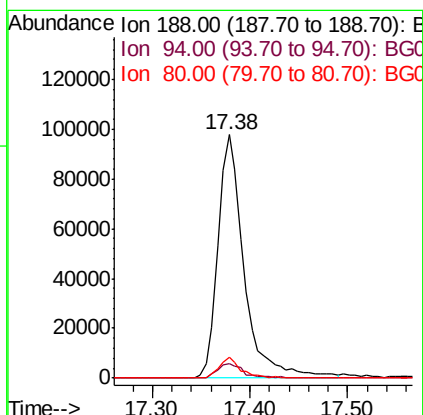
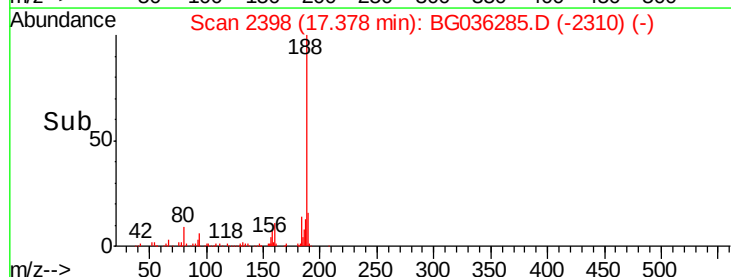
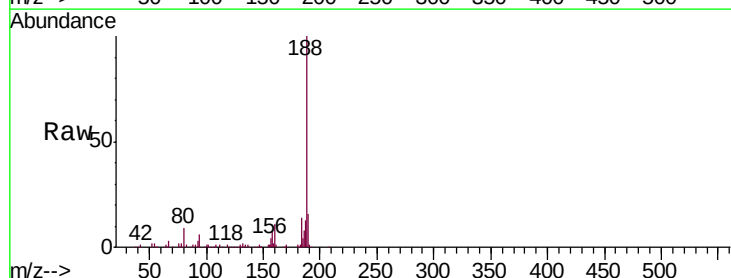
Instrument :
 BNA_G
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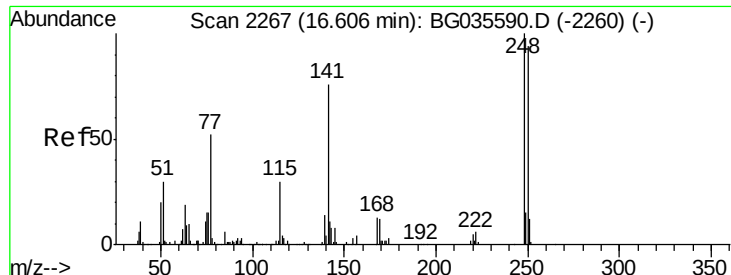
Tgt Ion:165 Resp: 8110
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 0.0 66.9 100.3#
 182 0.0 2.6 3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.38 min Scan# 2398
 Delta R.T. -0.02 min
 Lab File: BG036285.D
 Acq: 11 Aug 2018 2:37

Tgt Ion:188 Resp: 181811
 Ion Ratio Lower Upper
 188 100
 94 6.1 6.9 10.3#
 80 8.8 7.7 11.5

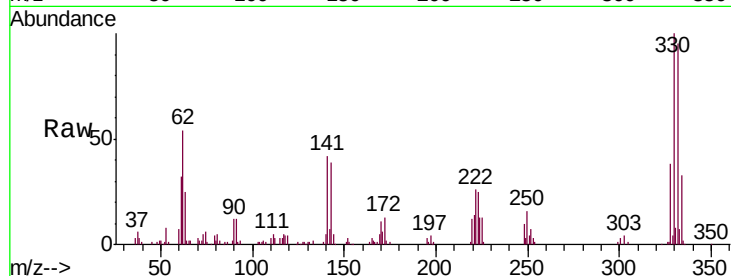




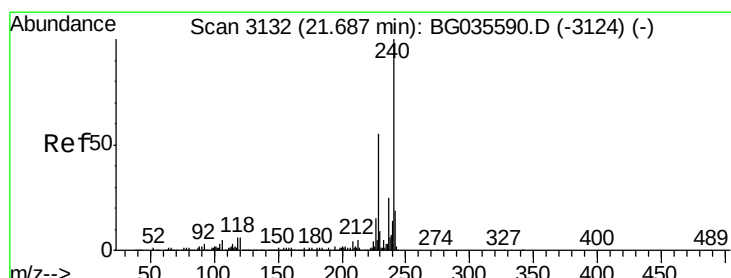
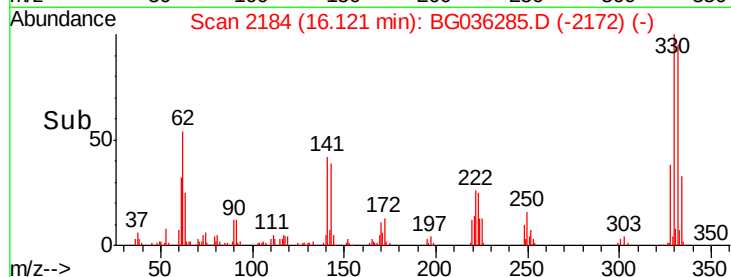
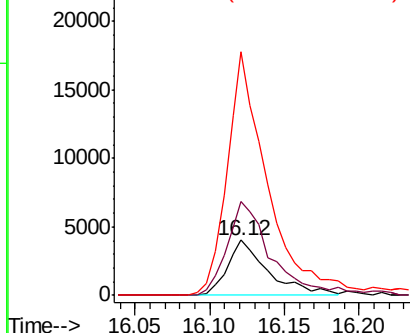
#66
 4-Bromophenyl-phenylether
 Concen: 3.626 ng
 RT: 16.12 min Scan# 2184
 Delta R.T. -0.46 min
 Lab File: BG036285.D
 Acq: 11 Aug 2018 2:37

Instrument :
 BNA_G
 ClientSampleId :
 PB111938BL

Tgt Ion:248 Resp: 7648
 Ion Ratio Lower Upper
 248 100
 250 171.7 77.1 115.7#
 141 443.9 50.8 76.2#

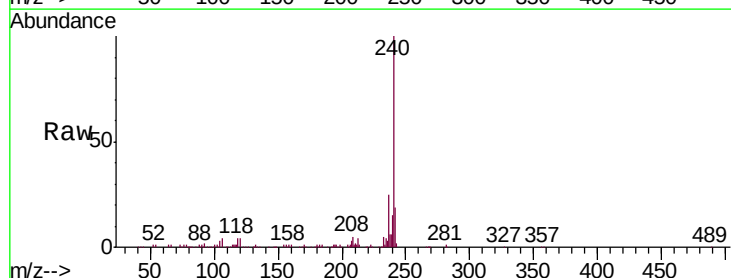


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

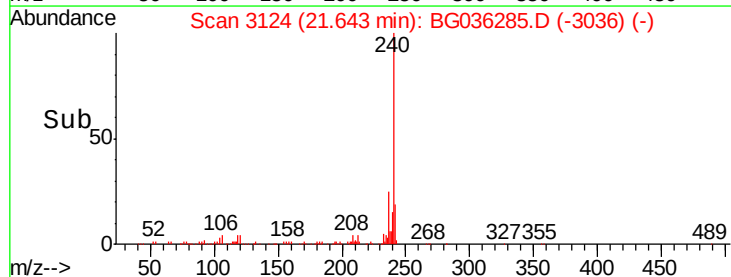
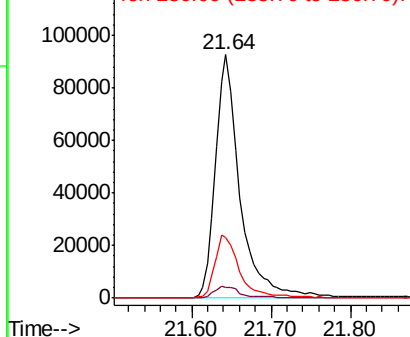


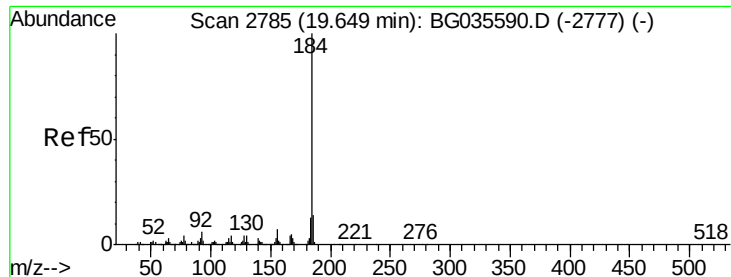
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.64 min Scan# 3124
 Delta R.T. -0.02 min
 Lab File: BG036285.D
 Acq: 11 Aug 2018 2:37

Tgt Ion:240 Resp: 199602
 Ion Ratio Lower Upper
 240 100
 120 4.3 6.8 10.2#
 236 25.0 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: 3.215 ng

RT: 19.98 min Scan# 2841

Delta R.T. 0.35 min

Lab File: BG036285.D

Acq: 11 Aug 2018 2:37

Instrument :

BNA_G

ClientSampleId :

PB111938BL

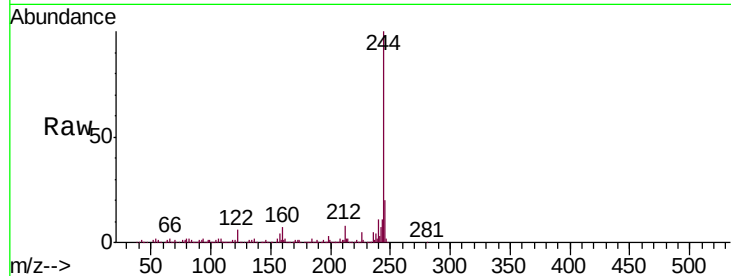
Tgt Ion:184 Resp: 16871

Ion Ratio Lower Upper

184 100

185 14.6 11.1 16.7

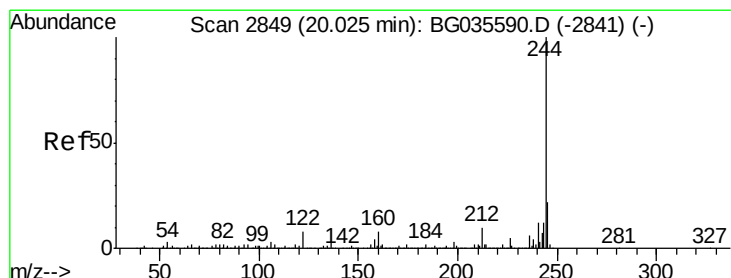
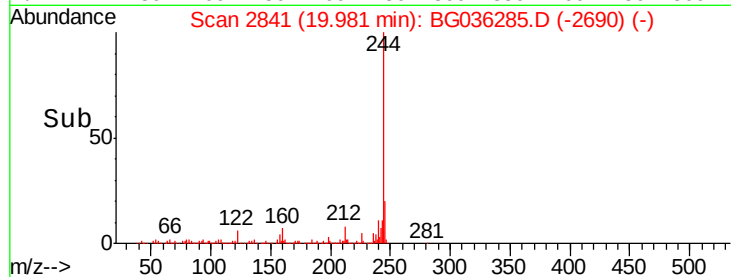
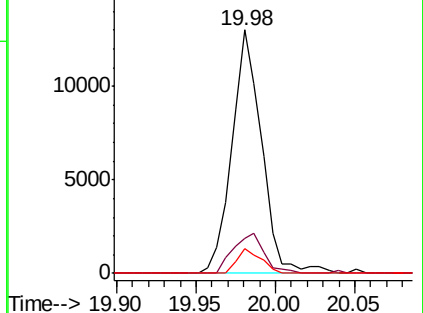
183 10.1 10.6 16.0#



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: 103.665 ng

RT: 19.98 min Scan# 2841

Delta R.T. -0.02 min

Lab File: BG036285.D

Acq: 11 Aug 2018 2:37

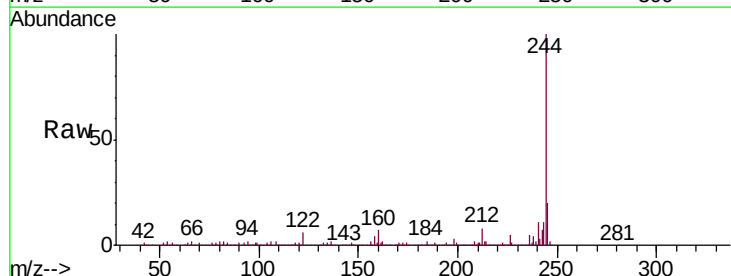
Tgt Ion:244 Resp: 938698

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

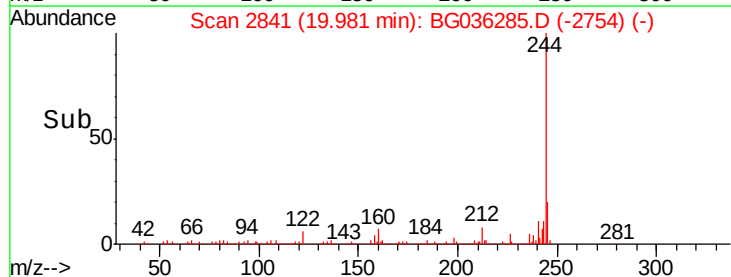
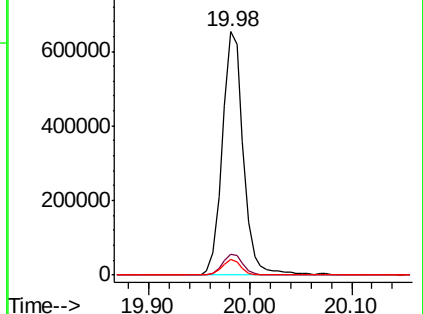
122 6.4 7.0 10.4#

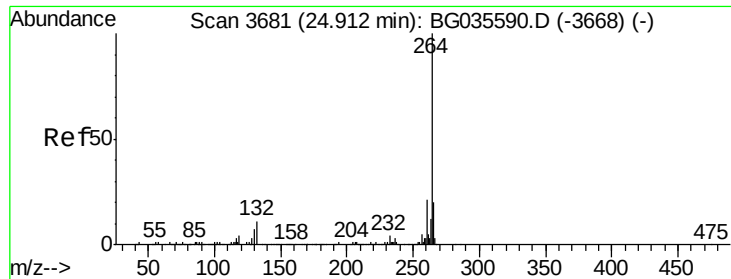


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG036285.D
Acq: 11 Aug 2018 2:37

Instrument :
BNA_G
ClientSampleId :
PB111938BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.4	26.0
265	20.8	17.7	26.5

