

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072318\
 Data File : BG035828.D
 Acq On : 23 Jul 2018 15:19
 Operator : JU/SJ
 Sample : PB111350BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111350BL

Quant Time: Jul 23 17:51:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 15:28:54 2018
 Response via : Initial Calibration

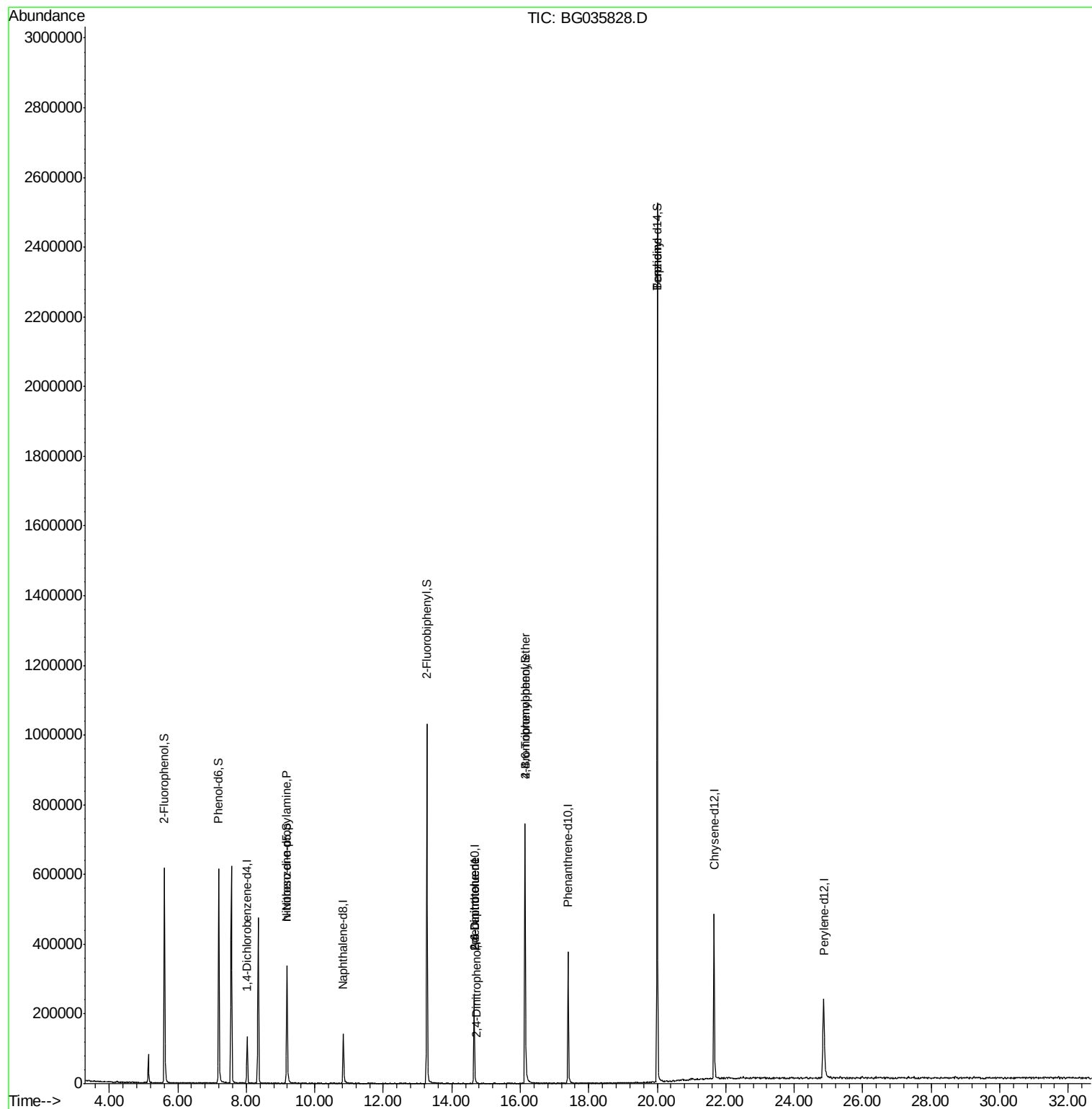
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	37873	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	138071	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	99038	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	282544	20.00	ng	0.00
75) Chrysene-d12	21.66	240	332844	20.00	ng	0.00
86) Perylene-d12	24.86	264	305788	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	277938	121.84	ng	0.00
7) Phenol-d6	7.19	99	393866	115.72	ng	0.00
23) Nitrobenzene-d5	9.19	82	245325	74.23	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	158768	121.63	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	585325	79.18	ng	0.00
78) Terphenyl-d14	20.00	244	1223175	81.01	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	34220	11.940	ng	# 67
50) 2,6-Dinitrotoluene	14.65	165	13776	7.796	ng	# 18
53) 2,4-Dinitrophenol	14.72	184	65	6.648	ng	# 1
56) 2,4-Dinitrotoluene	14.65	165	13775	5.434	ng	# 16
66) 4-Bromophenyl-phenylether	16.13	248	12389	3.779	ng	# 1
76) Benzidine	20.00	184	20194	2.308	ng	# 91

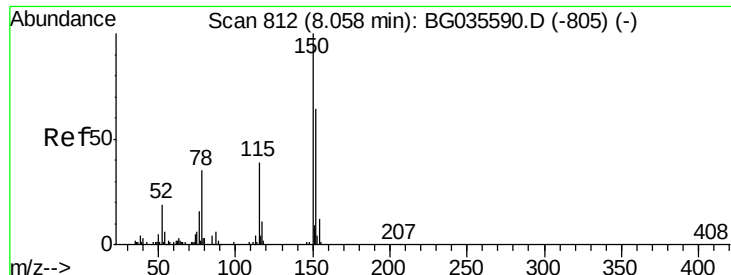
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 23 17:51:41 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 15:28:54 2018
Response via : Initial Calibration



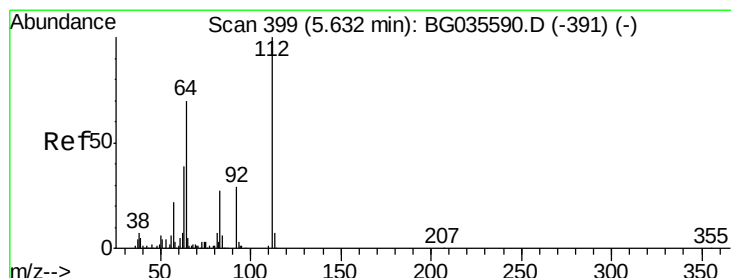
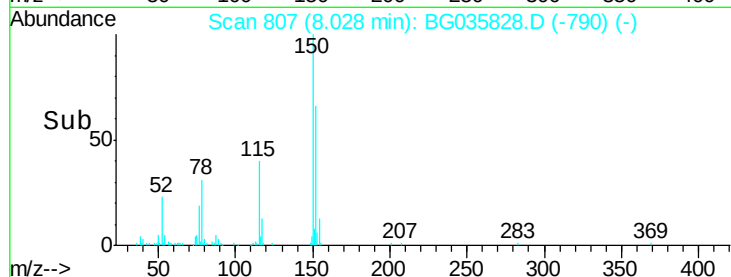
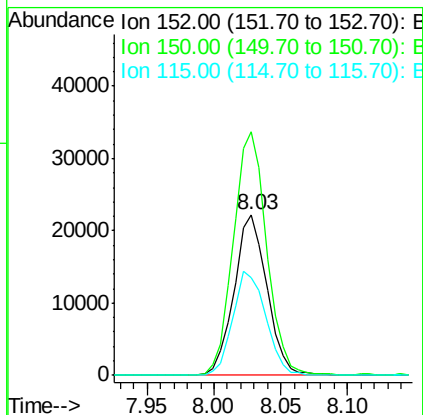
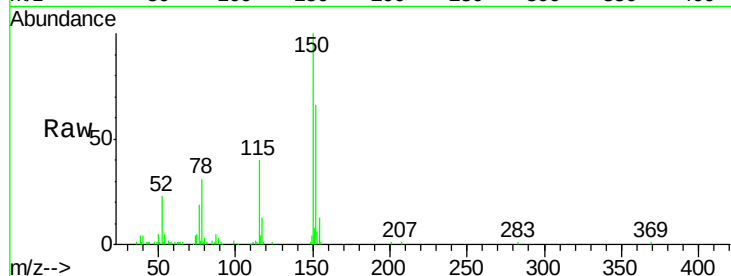


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. 0.00 min
Lab File: BG035828.D
Acq: 23 Jul 2018 15:19

Instrument :
BNA_G
ClientSampleId :
PB111350BL

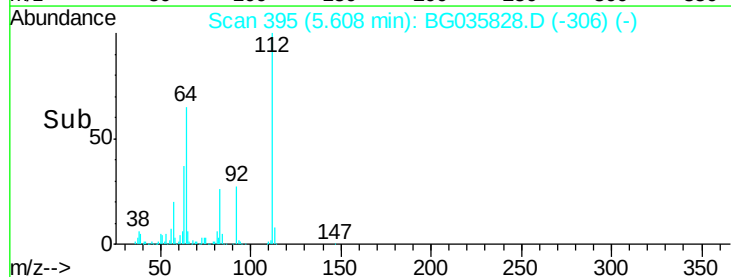
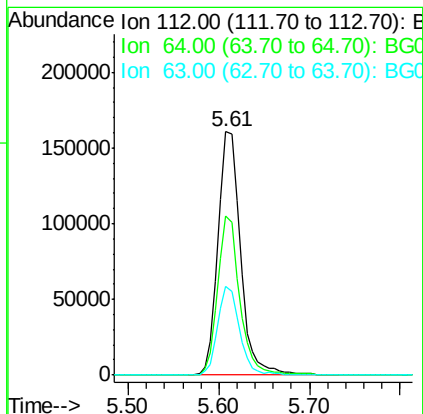
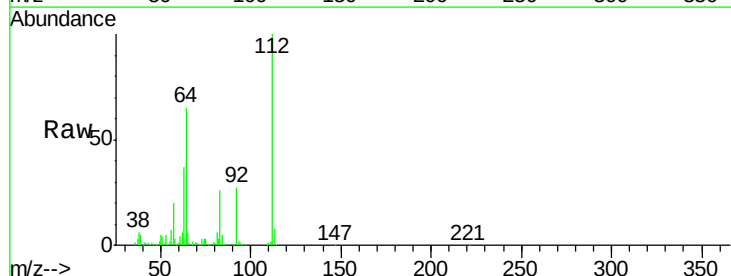
Tgt Ion:152 Resp: 37873
Ion Ratio Lower Upper
152 100
150 151.4 126.6 189.8
115 60.4 53.0 79.4

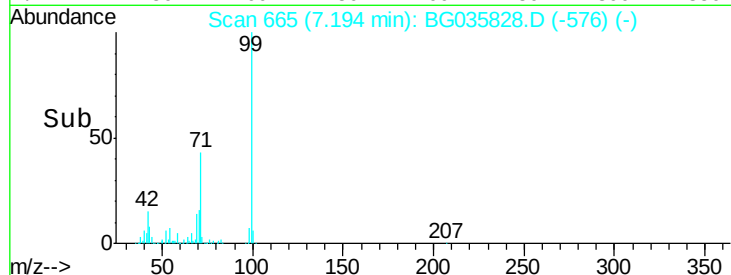
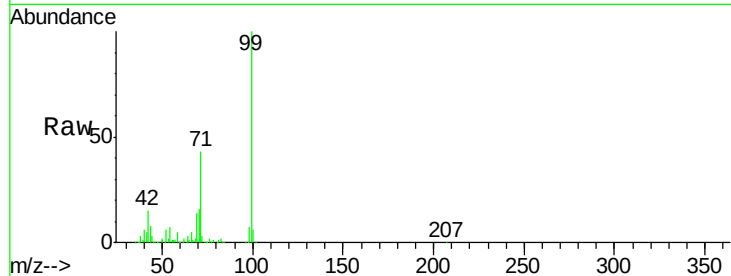
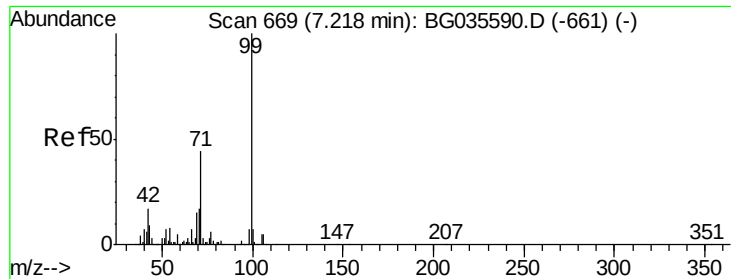


#5

2-Fluorophenol
Concen: 121.839 ng
RT: 5.61 min Scan# 395
Delta R.T. -0.01 min
Lab File: BG035828.D
Acq: 23 Jul 2018 15:19

Tgt Ion:112 Resp: 277938
Ion Ratio Lower Upper
112 100
64 65.3 56.3 84.5
63 36.6 30.1 45.1





#7

Phenol-d6

Concen: 115.724 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.01 min

Lab File: BG035828.D

Acq: 23 Jul 2018 15:19

Instrument :

BNA_G

ClientSampleId :

PB111350BL

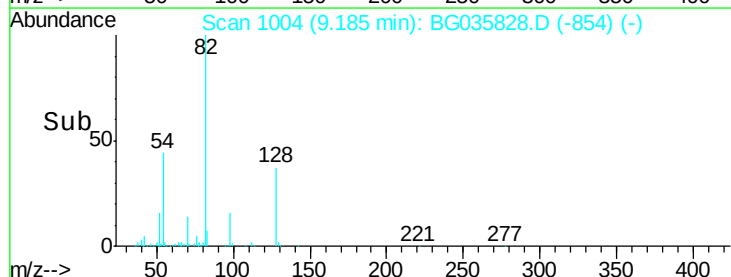
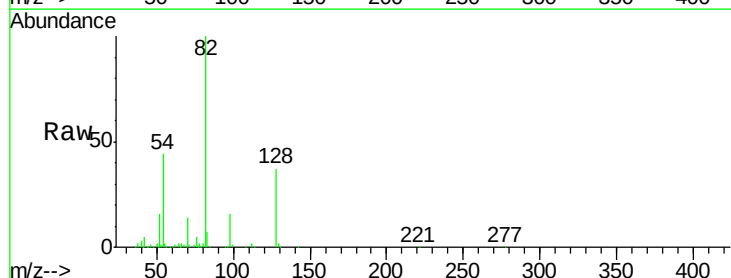
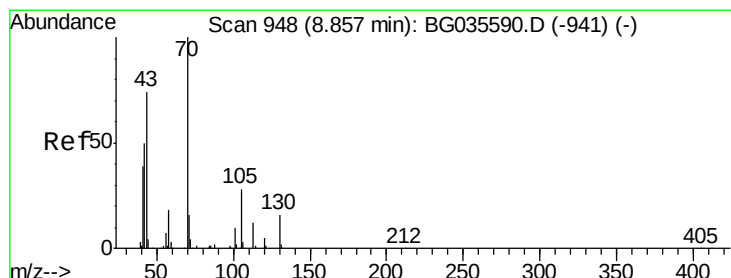
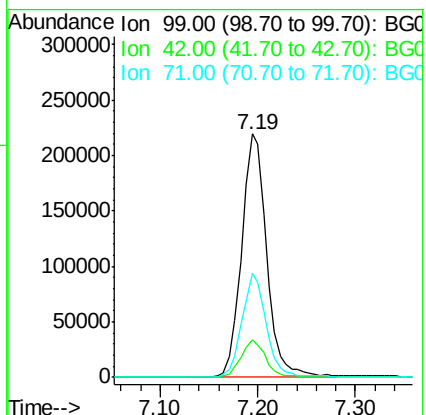
Tgt Ion: 99 Resp: 393866

Ion Ratio Lower Upper

99 100

42 15.2 14.1 21.1

71 42.8 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 11.940 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.35 min

Lab File: BG035828.D

Acq: 23 Jul 2018 15:19

Tgt Ion: 70 Resp: 34220

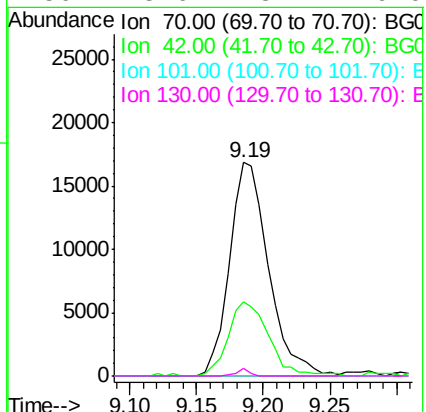
Ion Ratio Lower Upper

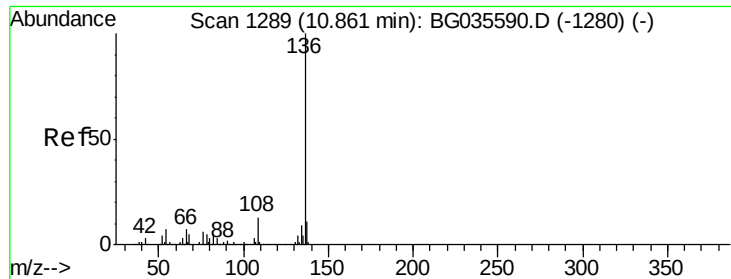
70 100

42 34.9 49.1 73.7#

101 0.0 8.5 12.7#

130 3.6 13.4 20.0#

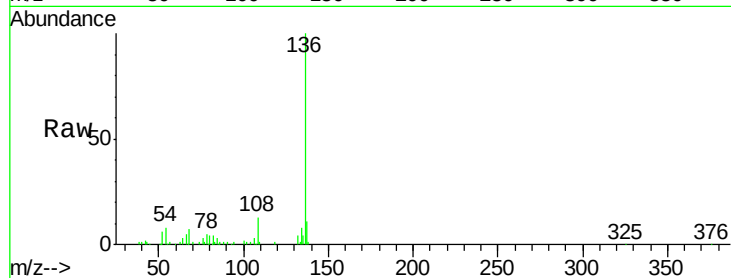




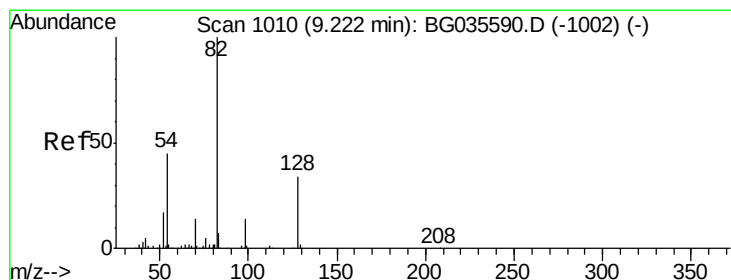
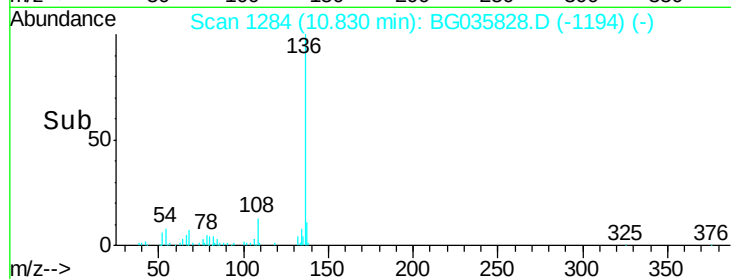
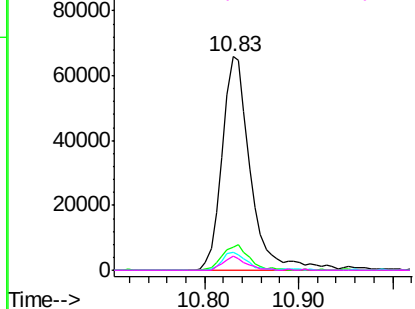
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BG035828.D
Acq: 23 Jul 2018 15:19

Instrument :
BNA_G
ClientSampleId :
PB111350BL

Tgt Ion:	136	Resp:	138071
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	8.2	10.3	15.5#
68	6.6	4.5	6.7

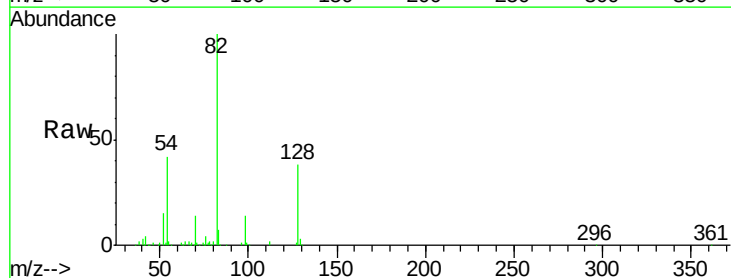


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

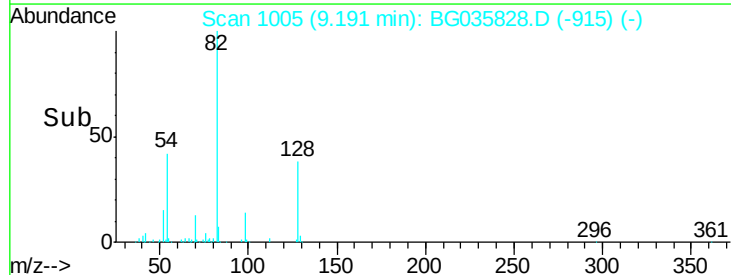
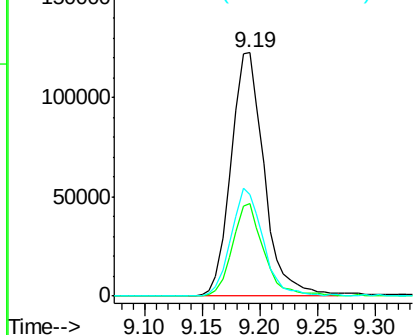


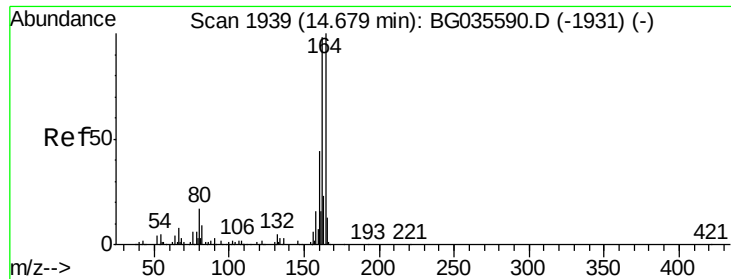
#23
Nitrobenzene-d5
Concen: 74.225 ng
RT: 9.19 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BG035828.D
Acq: 23 Jul 2018 15:19

Tgt Ion:	82	Resp:	245325
Ion	Ratio	Lower	Upper
82	100		
128	38.1	29.7	44.5
54	41.6	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: 14.65 min Scan# 1935

Delta R.T. 0.00 min

Lab File: BG035828.D

Acq: 23 Jul 2018 15:19

Instrument :

BNA_G

ClientSampleId :

PB111350BL

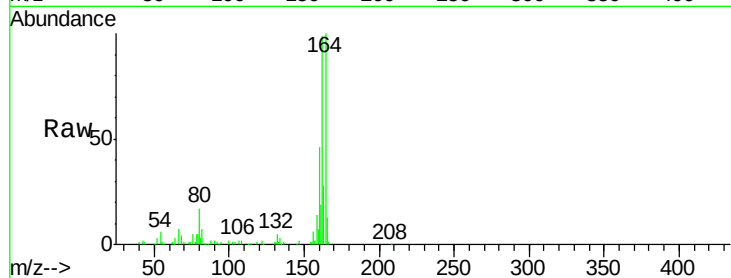
Tgt Ion:164 Resp: 99038

Ion Ratio Lower Upper

164 100

162 99.4 78.8 118.2

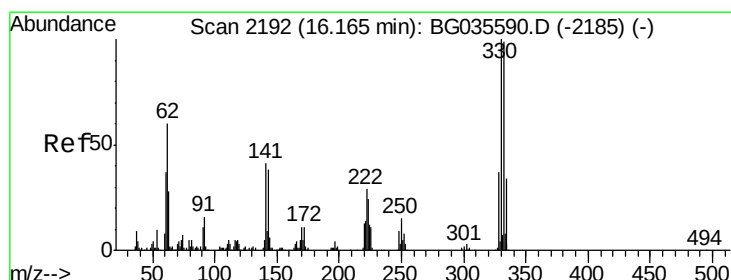
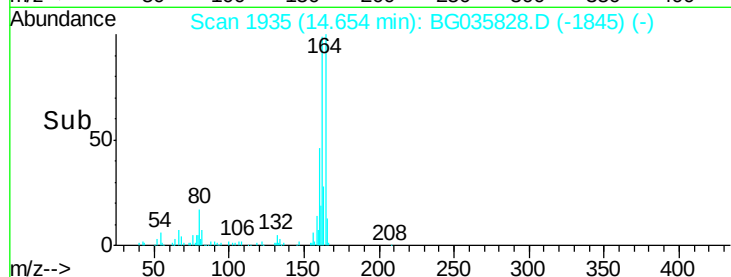
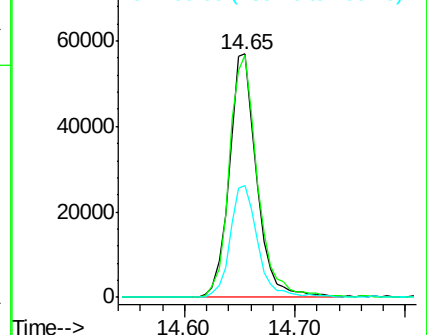
160 45.7 35.4 53.0



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: 121.625 ng

RT: 16.14 min Scan# 2188

Delta R.T. 0.00 min

Lab File: BG035828.D

Acq: 23 Jul 2018 15:19

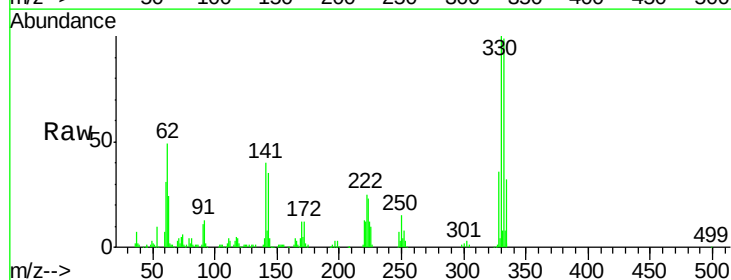
Tgt Ion:330 Resp: 158768

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.6

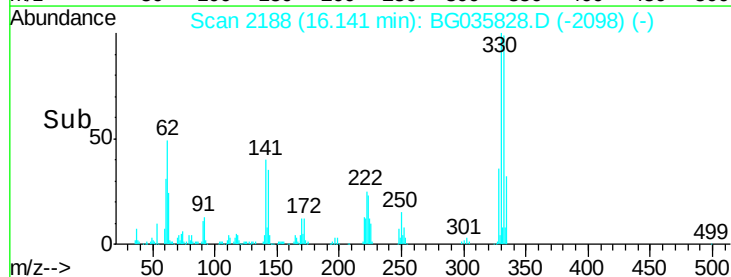
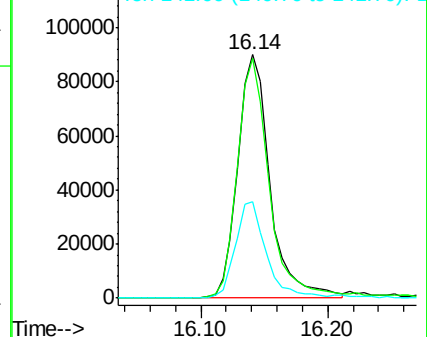
141 37.5 25.2 37.8

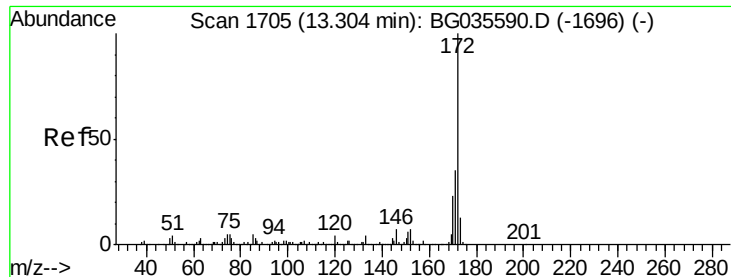


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

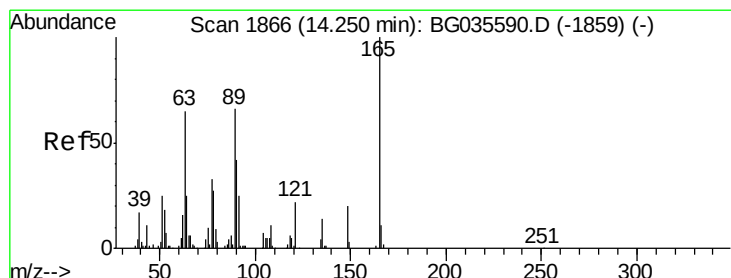
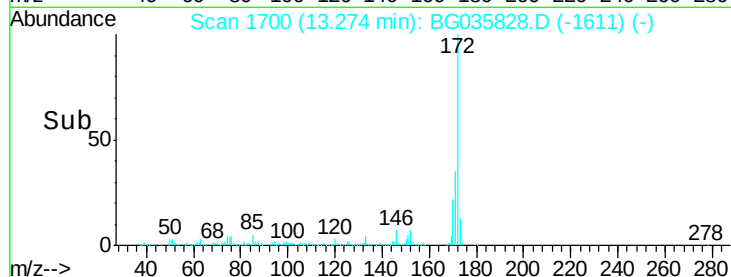
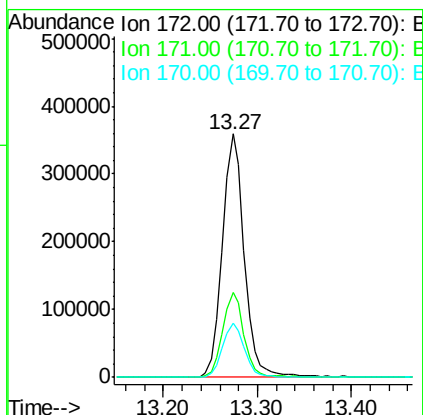
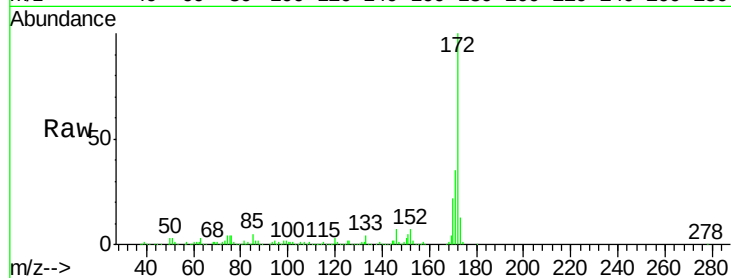




#44
 2-Fluorobiphenyl
 Concen: 79.180 ng
 RT: 13.27 min Scan# 1700
 Delta R.T. -0.01 min
 Lab File: BG035828.D
 Acq: 23 Jul 2018 15:19

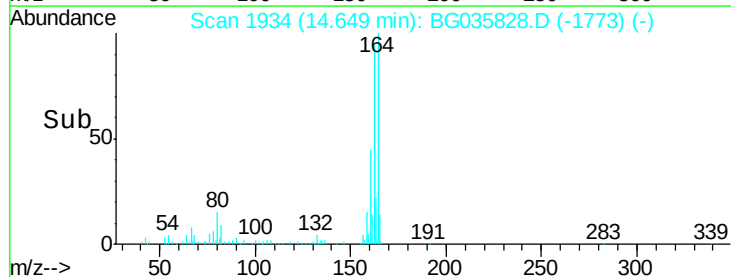
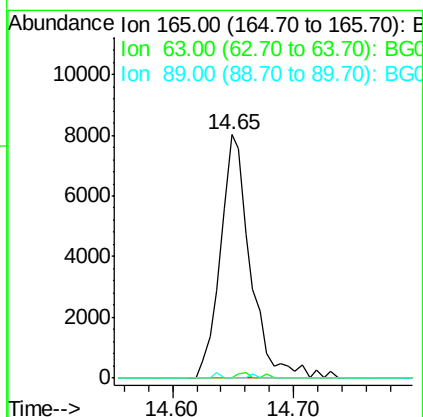
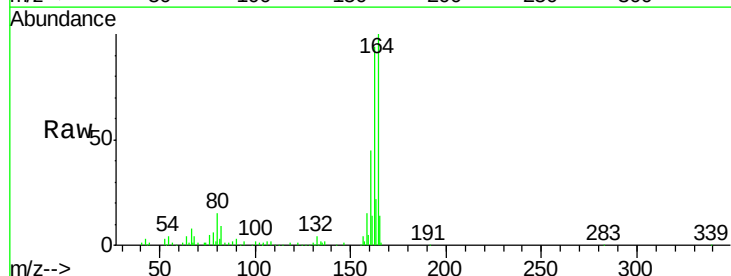
Instrument :
 BNA_G
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 PB111350BL

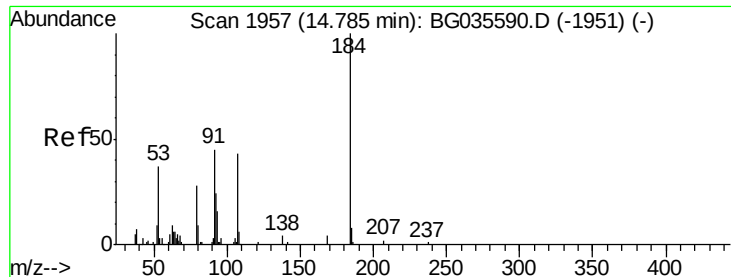
Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	30.0	45.0
170	22.5	19.5	29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.796 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. 0.42 min
 Lab File: BG035828.D
 Acq: 23 Jul 2018 15:19

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

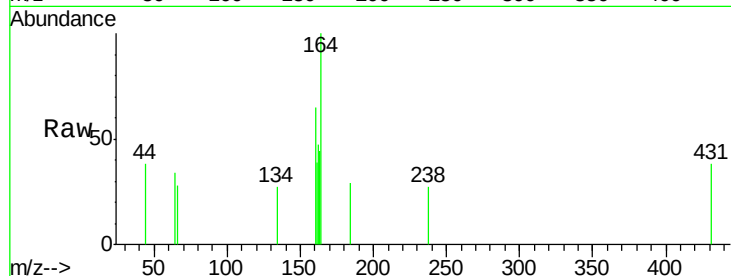




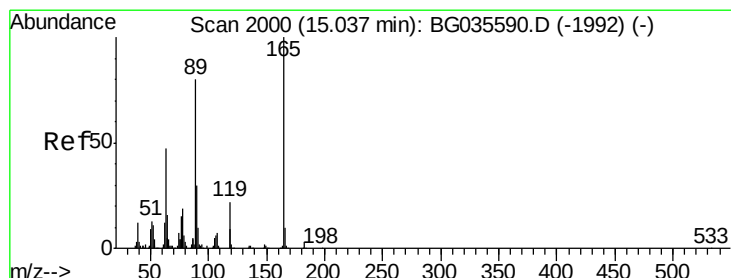
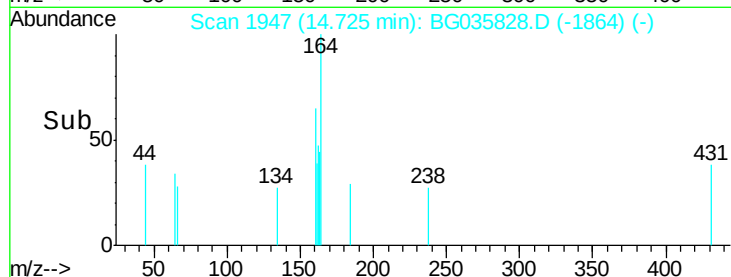
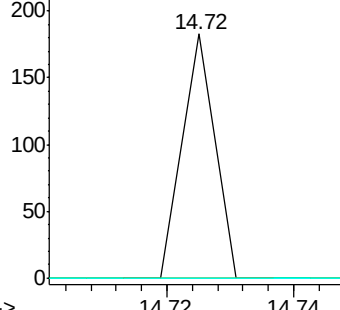
#53
2,4-Dinitrophenol
Concen: 6.648 ng
RT: 14.72 min Scan# 1947
Delta R.T. -0.04 min
Lab File: BG035828.D
Acq: 23 Jul 2018 15:19

Instrument :
BNA_G
ClientSampleId :
PB111350BL

Tgt Ion:184 Resp: 65
Ion Ratio Lower Upper
184 100
63 0.0 59.8 89.8#
154 0.0 101.8 152.8#

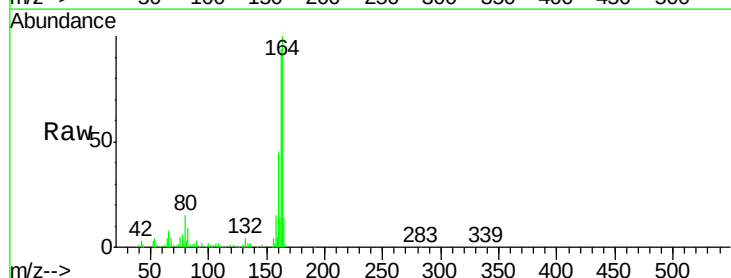


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

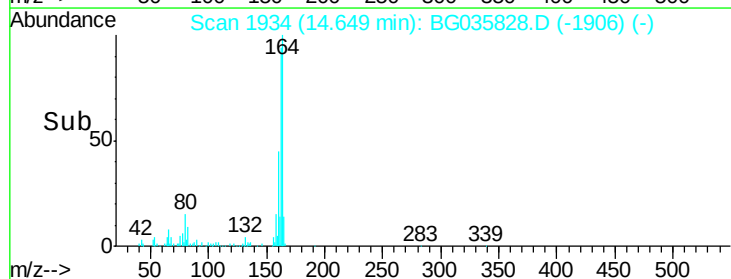
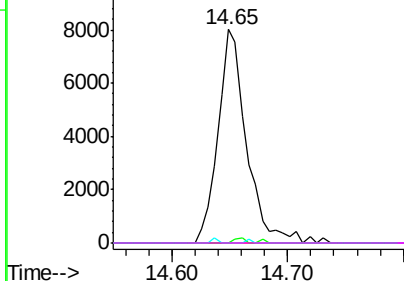


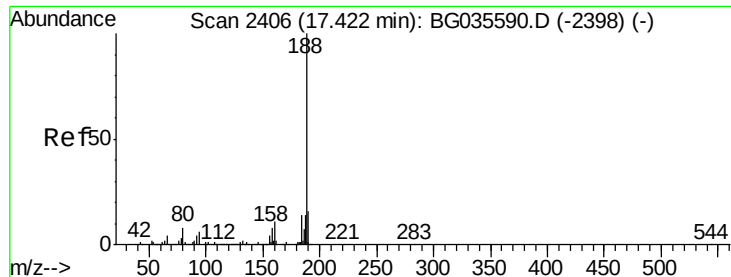
#56
2,4-Dinitrotoluene
Concen: 5.434 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.36 min
Lab File: BG035828.D
Acq: 23 Jul 2018 15:19

Tgt Ion:165 Resp: 13775
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#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

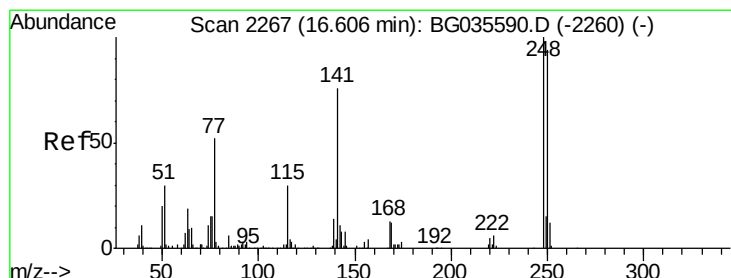
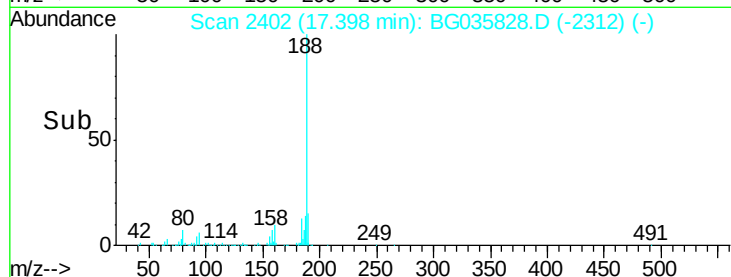
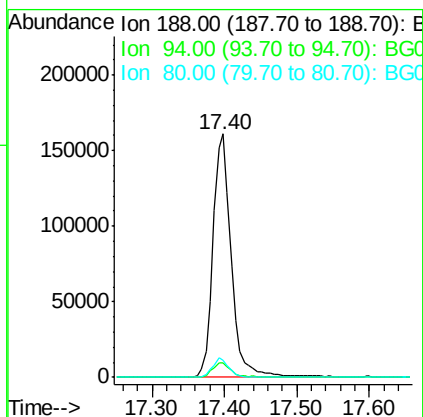
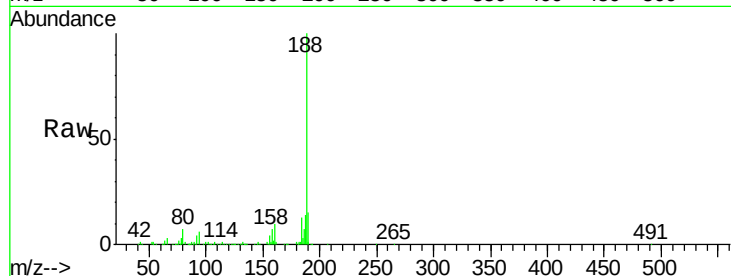




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2402
Delta R.T. 0.00 min
Lab File: BG035828.D
Acq: 23 Jul 2018 15:19

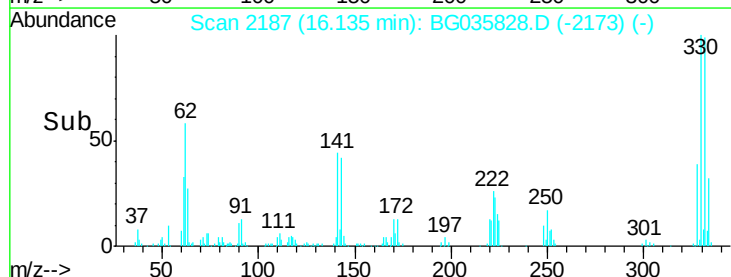
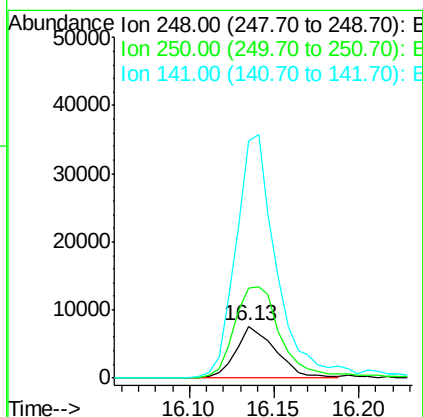
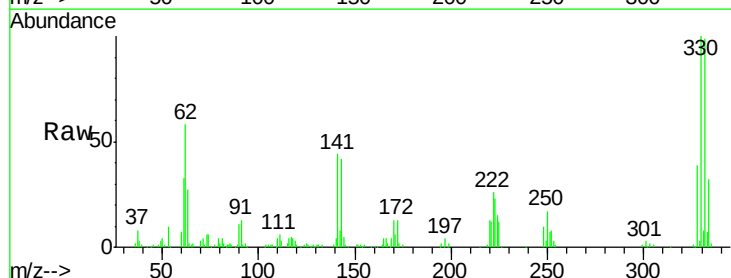
Instrument :
BNA_G
ClientSampleId :
PB111350BL

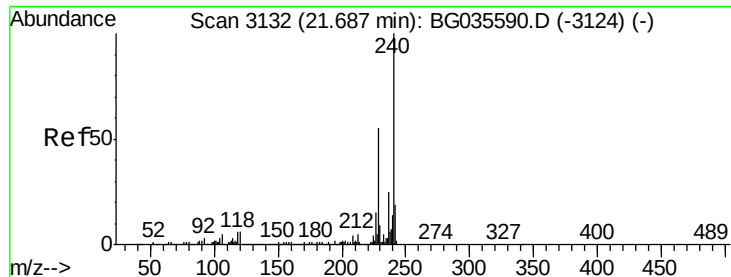
Tgt Ion:188 Resp: 282544
Ion Ratio Lower Upper
188 100
94 6.2 6.9 10.3#
80 7.2 7.7 11.5#



#66
4-Bromophenyl-phenylether
Concen: 3.779 ng
RT: 16.13 min Scan# 2187
Delta R.T. -0.45 min
Lab File: BG035828.D
Acq: 23 Jul 2018 15:19

Tgt Ion:248 Resp: 12389
Ion Ratio Lower Upper
248 100
250 172.9 77.1 115.7#
141 454.9 50.8 76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.01 min

Lab File: BG035828.D

Acq: 23 Jul 2018 15:19

Instrument :

BNA_G

ClientSampleId :

PB111350BL

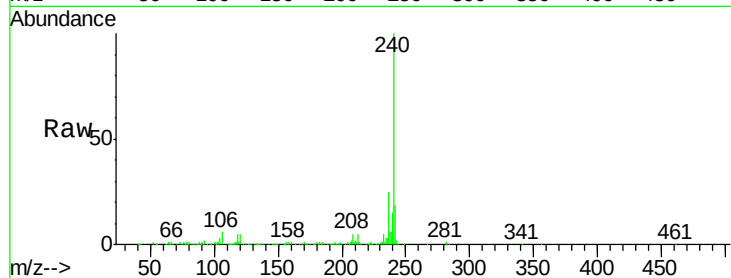
Tgt Ion:240 Resp: 332844

Ion Ratio Lower Upper

240 100

120 5.4 6.8 10.2#

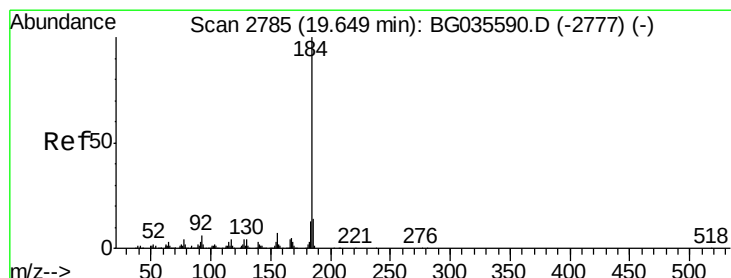
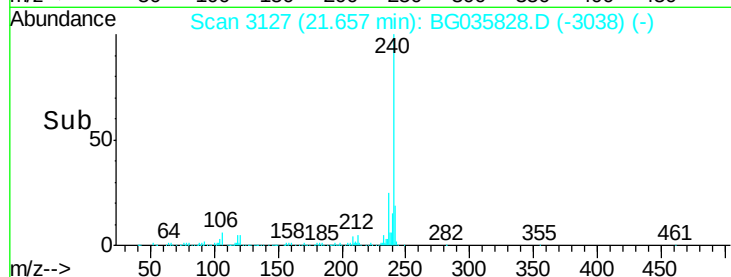
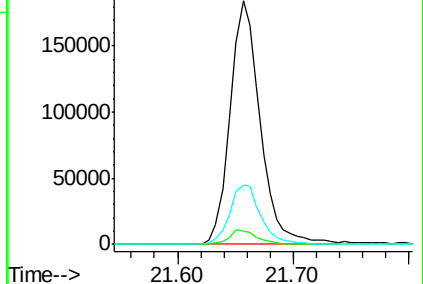
236 24.6 20.9 31.3



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: 2.308 ng

RT: 20.00 min Scan# 2845

Delta R.T. 0.38 min

Lab File: BG035828.D

Acq: 23 Jul 2018 15:19

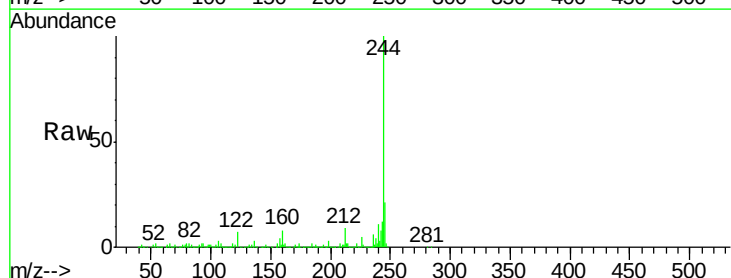
Tgt Ion:184 Resp: 20194

Ion Ratio Lower Upper

184 100

185 18.5 11.1 16.7#

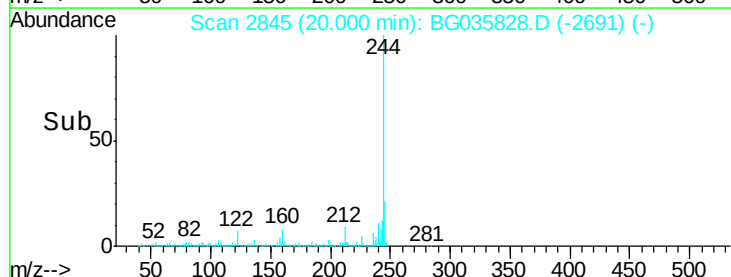
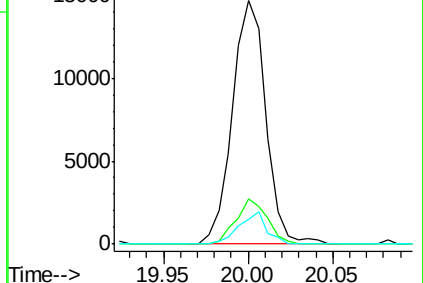
183 10.3 10.6 16.0#

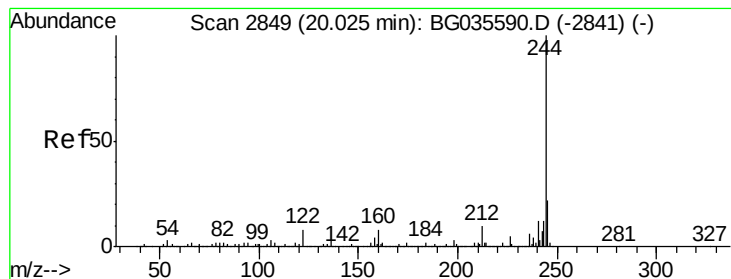


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 81.006 ng

RT: 20.00 min Scan# 2845

Delta R.T. 0.00 min

Lab File: BG035828.D

Acq: 23 Jul 2018 15:19

Instrument :

BNA_G

ClientSampleId :

PB111350BL

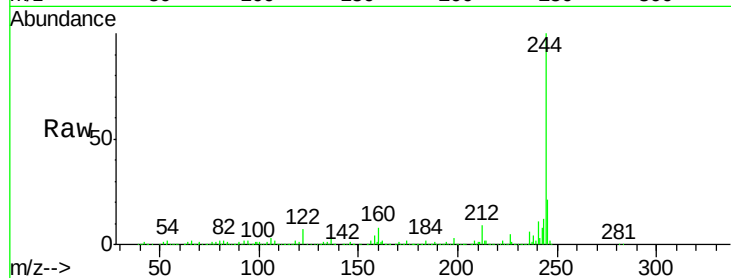
Tgt Ion:244 Resp: 1223175

Ion Ratio Lower Upper

244 100

212 9.4 5.8 8.8#

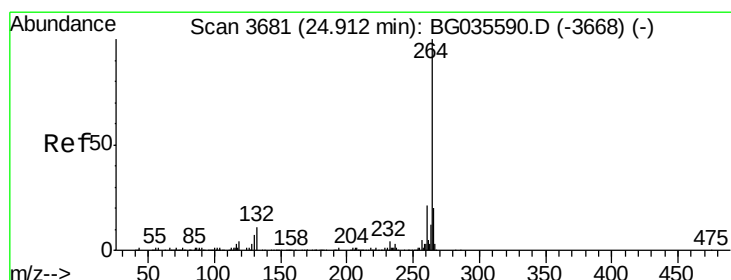
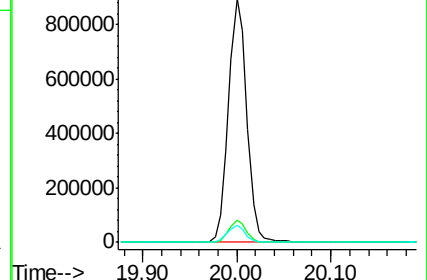
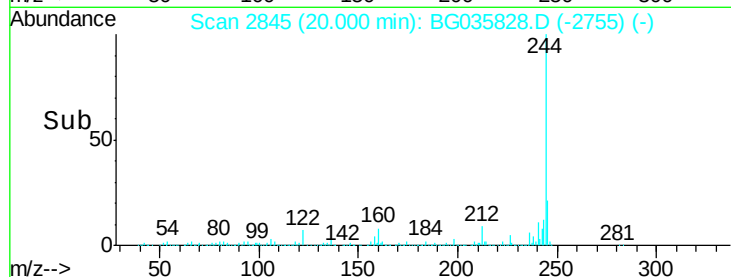
122 6.8 7.0 10.4#



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: 24.86 min Scan# 3673

Delta R.T. 0.01 min

Lab File: BG035828.D

Acq: 23 Jul 2018 15:19

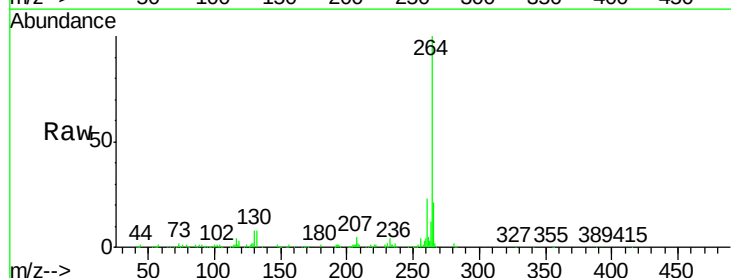
Tgt Ion:264 Resp: 305788

Ion Ratio Lower Upper

264 100

260 22.9 17.4 26.0

265 20.5 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

