

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080818\
 Data File : BG036199.D
 Acq On : 8 Aug 2018 15:56
 Operator : JU/SJ
 Sample : PB111868BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111868BL

Quant Time: Aug 08 17:30:29 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

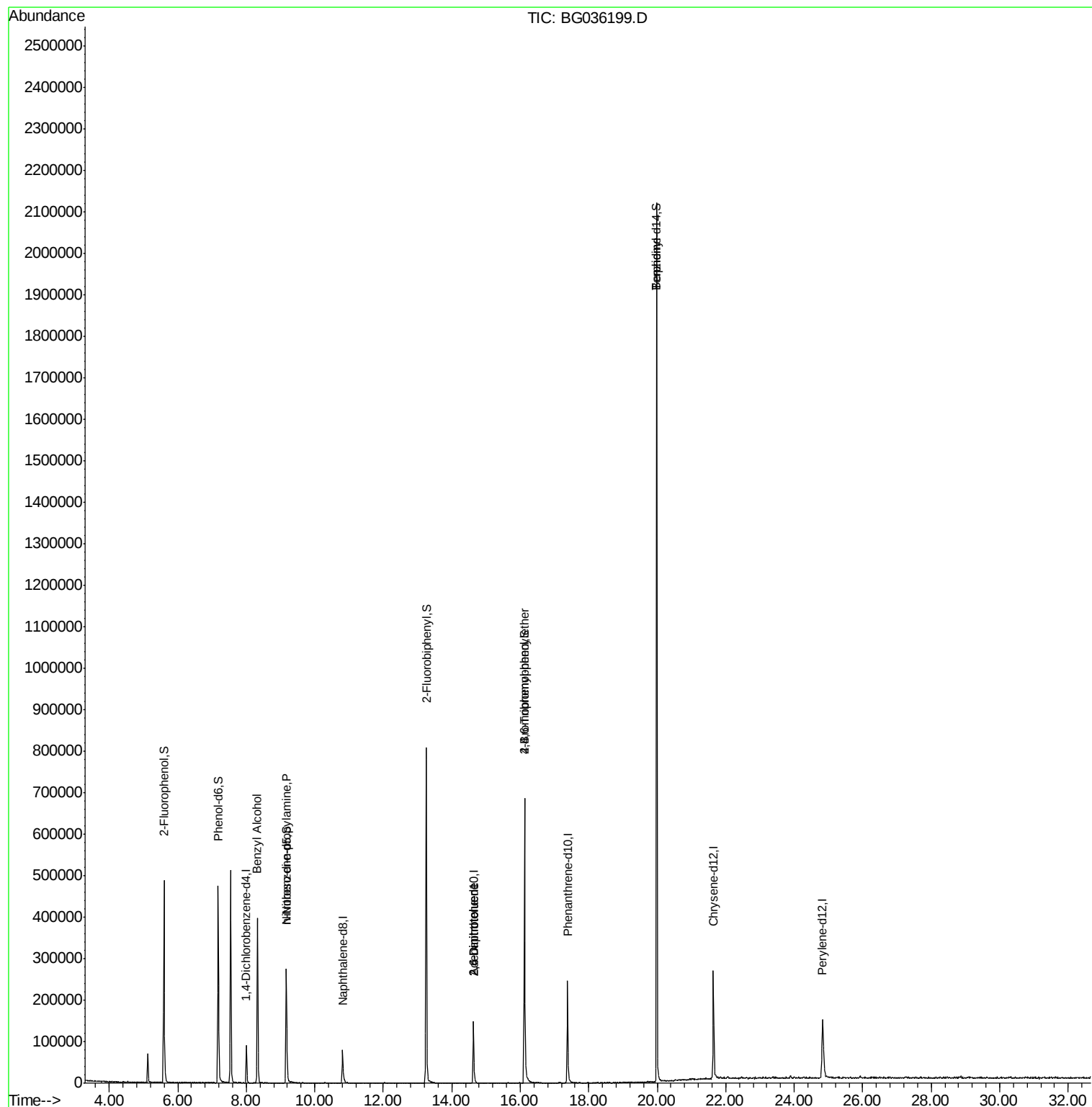
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	26044	20.00	ng	-0.02
21) Naphthalene-d8	10.81	136	85363	20.00	ng	-0.02
38) Acenaphthene-d10	14.64	164	63827	20.00	ng	-0.01
63) Phenanthrene-d10	17.38	188	188033	20.00	ng	-0.01
75) Chrysene-d12	21.64	240	214042	20.00	ng	-0.02
86) Perylene-d12	24.84	264	197549	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	227161	144.81	ng	0.00
7) Phenol-d6	7.18	99	310991	132.88	ng	-0.01
23) Nitrobenzene-d5	9.17	82	211871	103.68	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	155611	184.97	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	498299	104.59	ng	-0.02
78) Terphenyl-d14	19.98	244	1080950	111.32	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	8.33	79	4634	2.180	ng	# 67
19) n-Nitroso-di-n-propylamine	9.17	70	28465	14.443	ng	# 67
50) 2,6-Dinitrotoluene	14.64	165	8683	7.625	ng	# 18
56) 2,4-Dinitrotoluene	14.64	165	8683	5.315	ng	# 16
66) 4-Bromophenyl-phenylether	16.12	248	11265	5.164	ng	# 1
76) Benzidine	19.98	184	17987	3.196	ng	# 91

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

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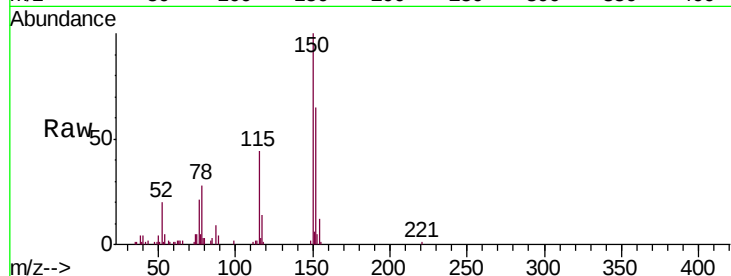


#1

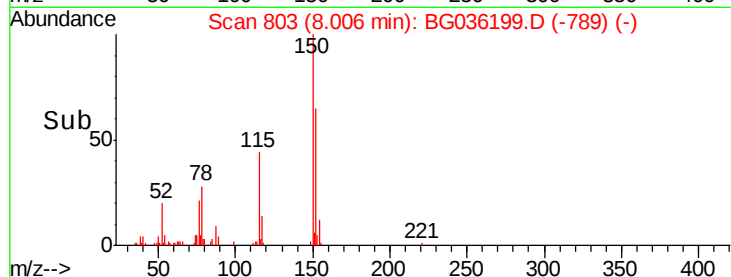
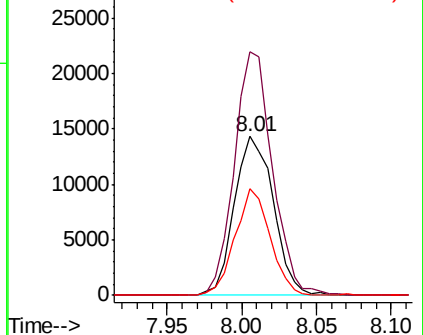
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 803
Delta R.T. -0.02 min
Lab File: BG036199.D
Acq: 8 Aug 2018 15:56

Instrument :
BNA_G
ClientSampleId :
PB111868BL

Tgt Ion:152 Resp: 26044
Ion Ratio Lower Upper
152 100
150 153.0 126.6 189.8
115 66.9 53.0 79.4



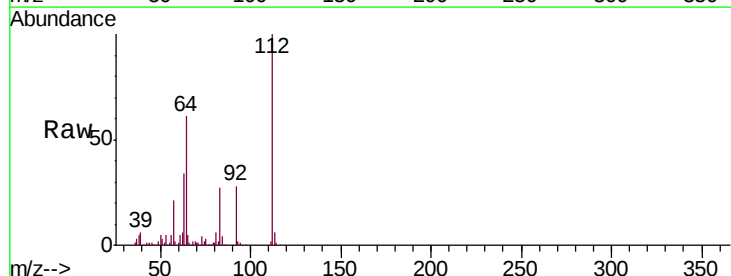
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



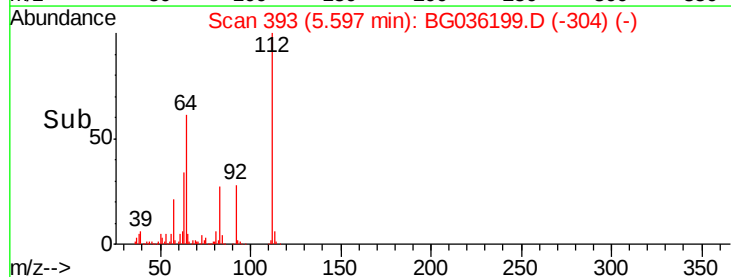
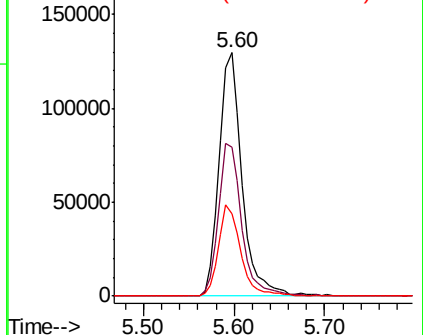
#5

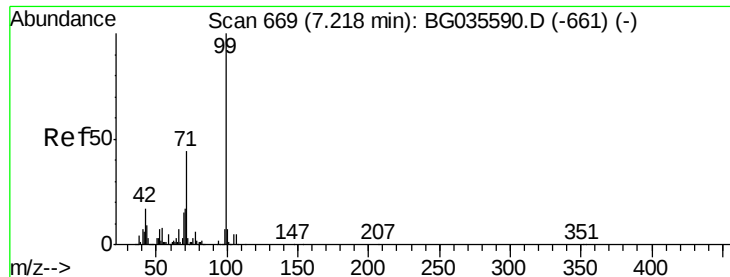
2-Fluorophenol
Concen: 144.809 ng
RT: 5.60 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG036199.D
Acq: 8 Aug 2018 15:56

Tgt Ion:112 Resp: 227161
Ion Ratio Lower Upper
112 100
64 61.0 56.3 84.5
63 33.8 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 132.875 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036199.D

Acq: 8 Aug 2018 15:56

Instrument :

BNA_G

ClientSampleId :

PB111868BL

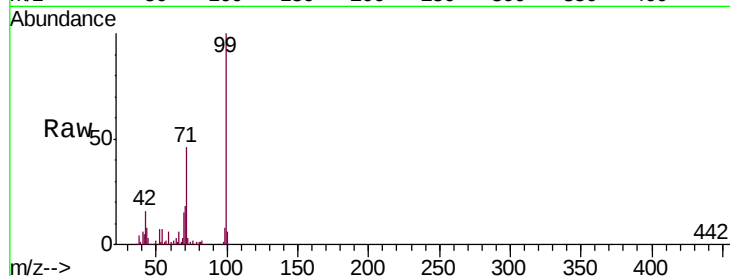
Tgt Ion: 99 Resp: 310991

Ion Ratio Lower Upper

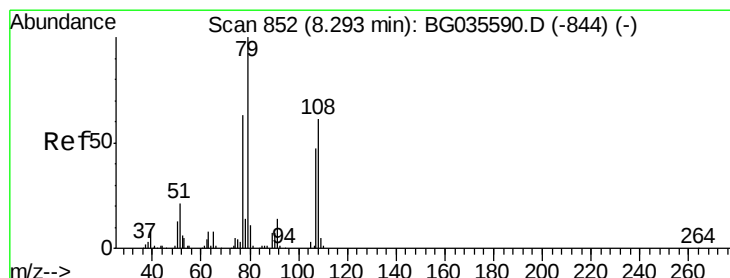
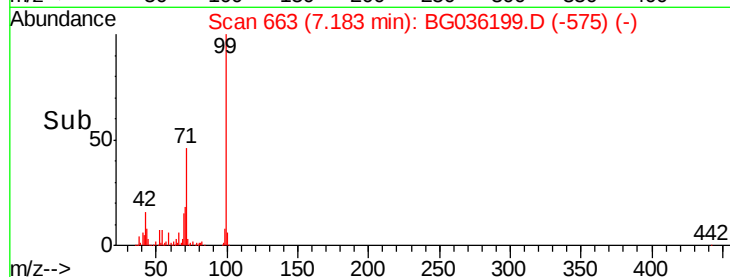
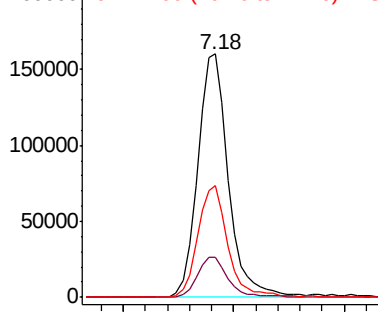
99 100

42 16.2 14.1 21.1

71 45.9 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



#15

Benzyl Alcohol

Concen: 2.180 ng

RT: 8.33 min Scan# 858

Delta R.T. 0.06 min

Lab File: BG036199.D

Acq: 8 Aug 2018 15:56

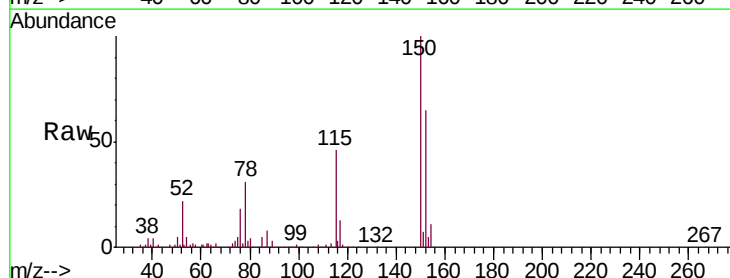
Tgt Ion: 79 Resp: 4634

Ion Ratio Lower Upper

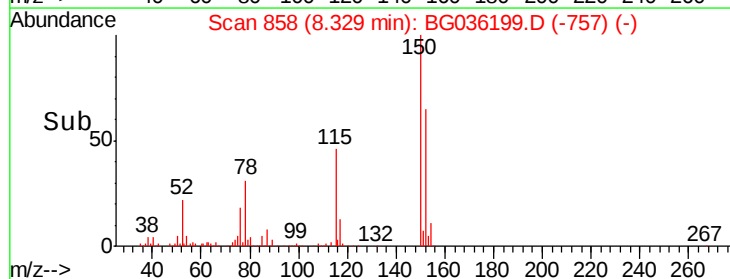
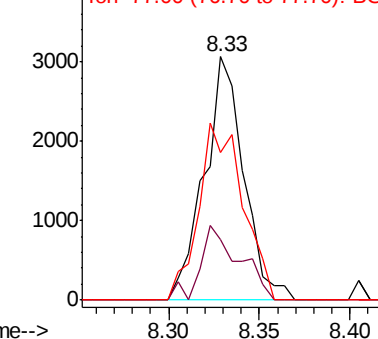
79 100

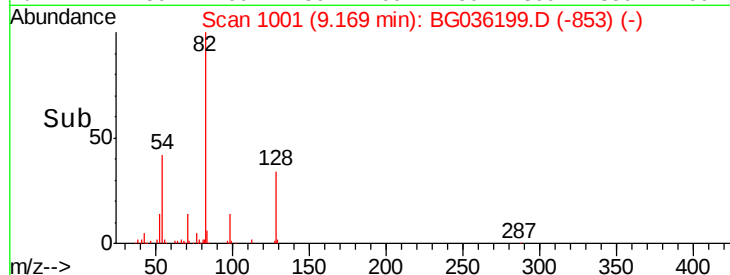
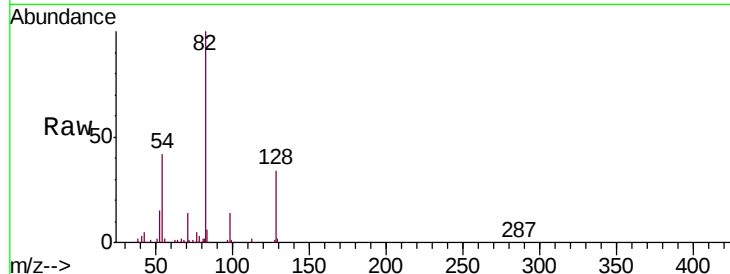
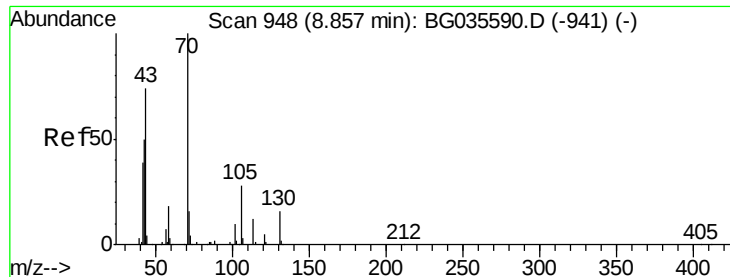
108 25.0 57.2 85.8#

77 60.6 46.1 69.1



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

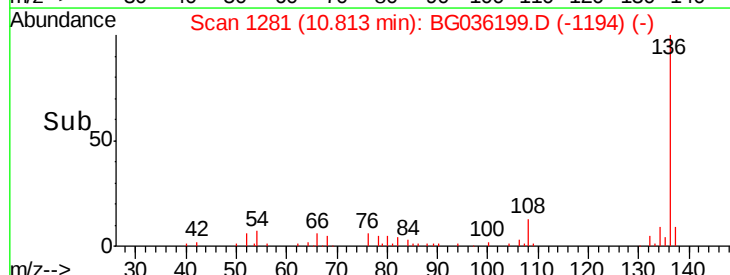
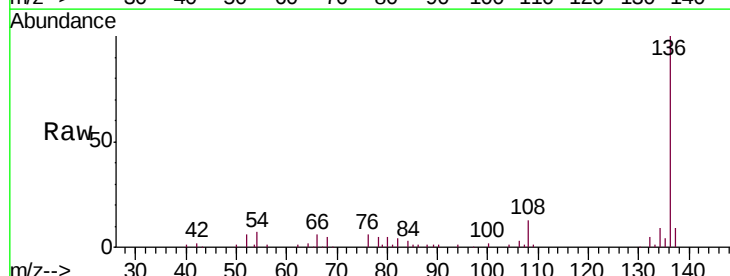
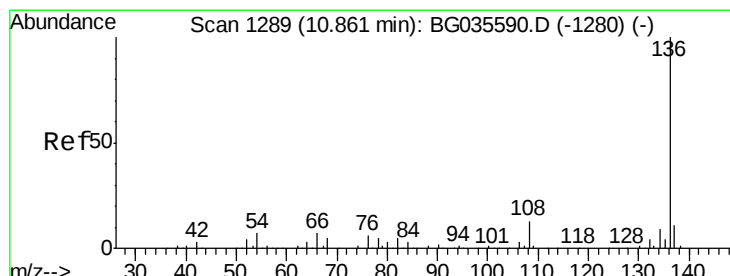
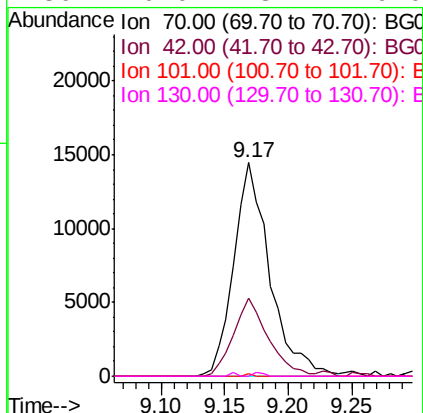




#19
n-Nitroso-di-n-propylamine
Concen: 14.443 ng
RT: 9.17 min Scan# 1001
Delta R.T. 0.34 min
Lab File: BG036199.D
Acq: 8 Aug 2018 15:56

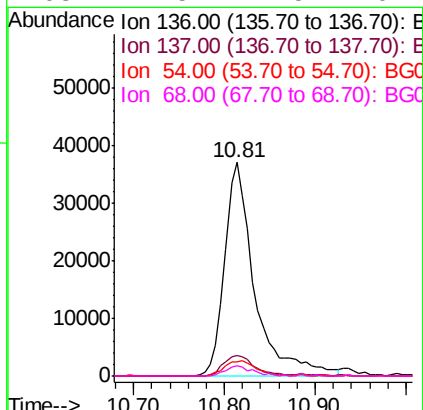
Instrument :
BNA_G
ClientSampleId :
PB111868BL

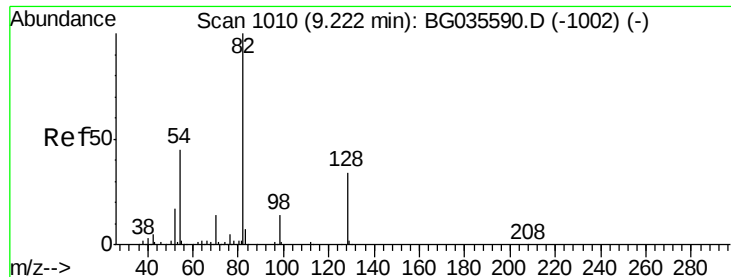
Tgt Ion: 70 Resp: 28465
Ion Ratio Lower Upper
70 100
42 36.6 49.1 73.7#
101 1.2 8.5 12.7#
130 0.0 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BG036199.D
Acq: 8 Aug 2018 15:56

Tgt Ion: 136 Resp: 85363
Ion Ratio Lower Upper
136 100
137 9.4 9.2 13.8
54 6.6 10.3 15.5#
68 4.5 4.5 6.7

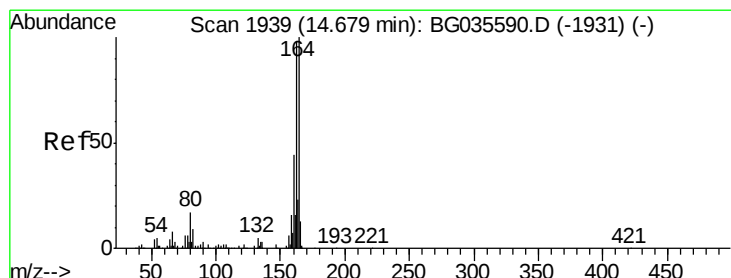
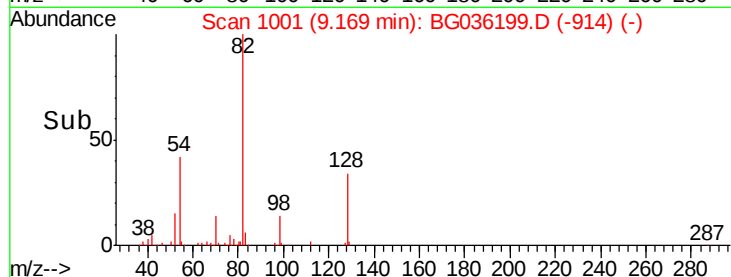
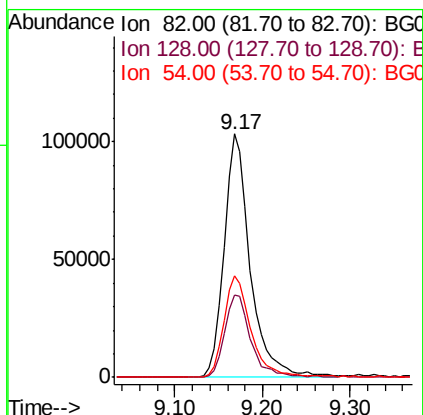
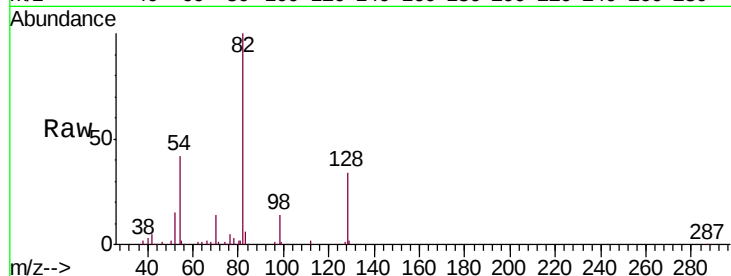




#23
 Nitrobenzene-d5
 Concen: 103.685 ng
 RT: 9.17 min Scan# 1001
 Delta R.T. -0.02 min
 Lab File: BG036199.D
 Acq: 8 Aug 2018 15:56

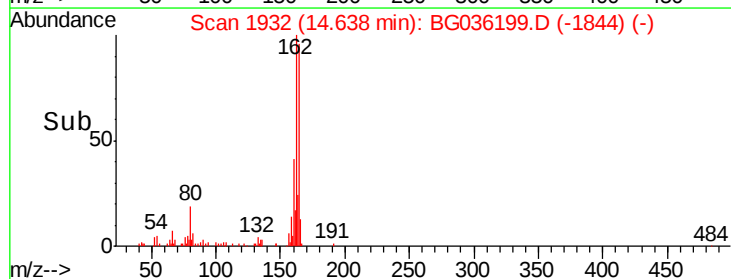
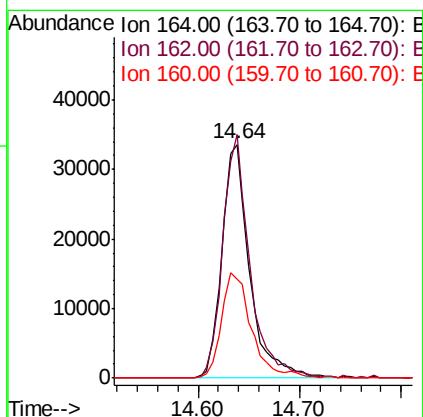
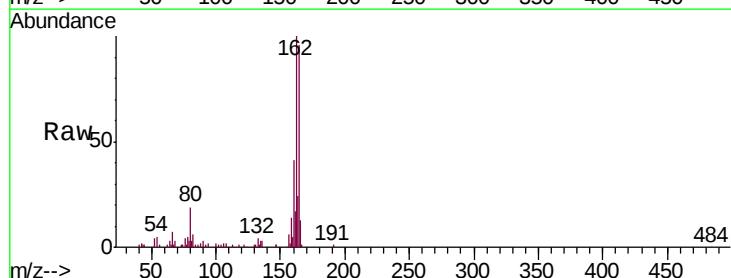
Instrument :
 BNA_G
 ClientSampleId :
 PB111868BL

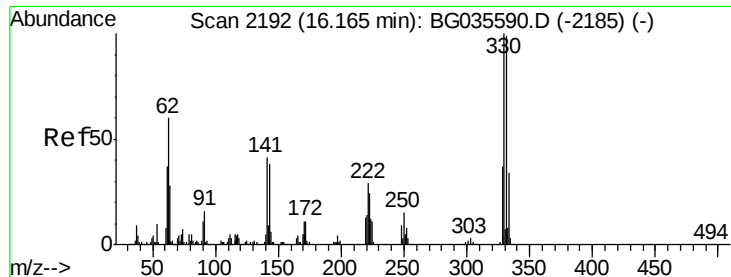
Tgt Ion: 82 Resp: 211871
 Ion Ratio Lower Upper
 82 100
 128 33.6 29.7 44.5
 54 41.9 43.1 64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.64 min Scan# 1932
 Delta R.T. -0.01 min
 Lab File: BG036199.D
 Acq: 8 Aug 2018 15:56

Tgt Ion: 164 Resp: 63827
 Ion Ratio Lower Upper
 164 100
 162 104.3 78.8 118.2
 160 42.6 35.4 53.0

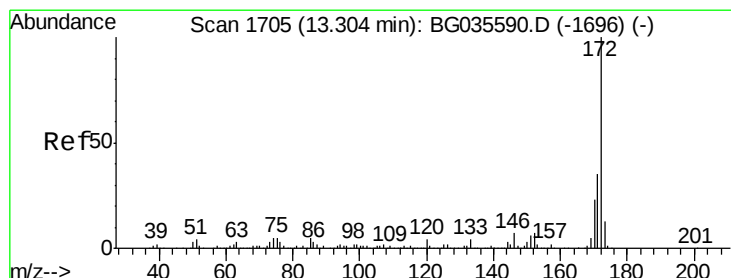
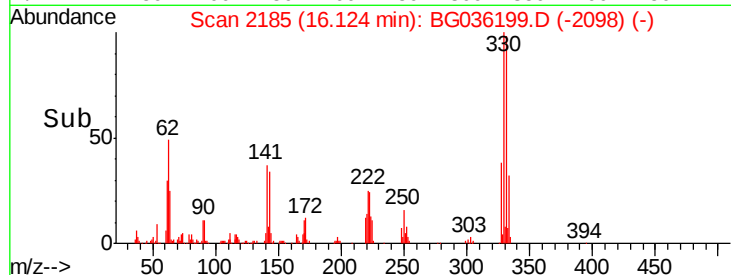
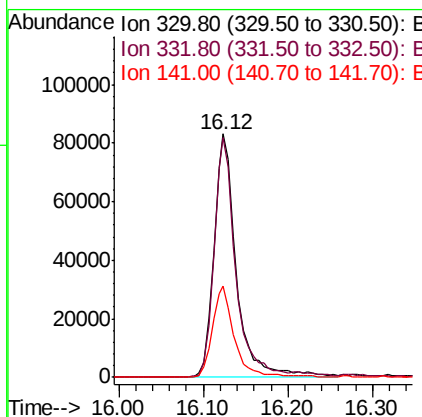
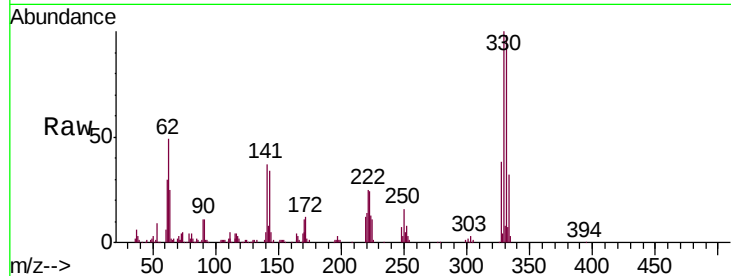




#41
 2,4,6-Tribromophenol
 Concen: 184.969 ng
 RT: 16.12 min Scan# 2185
 Delta R.T. -0.02 min
 Lab File: BG036199.D
 Acq: 8 Aug 2018 15:56

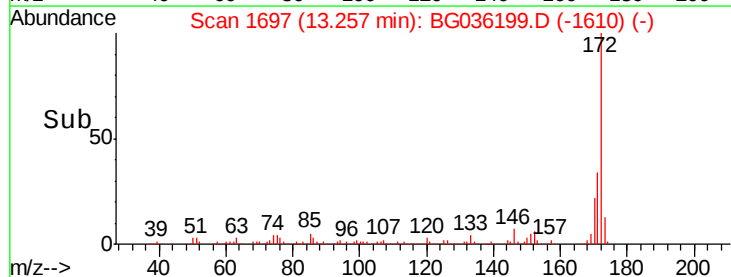
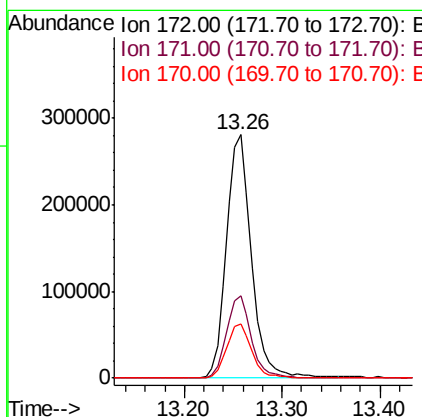
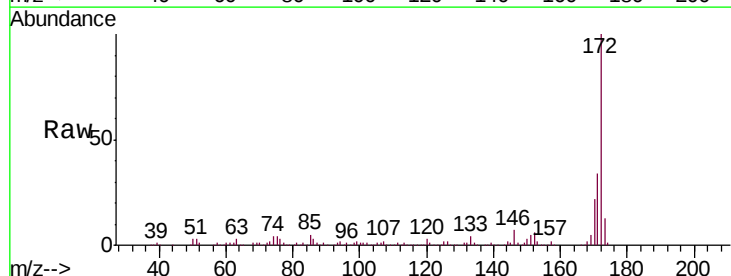
Instrument :
 BNA_G
 ClientSampleID :
 PB111868BL

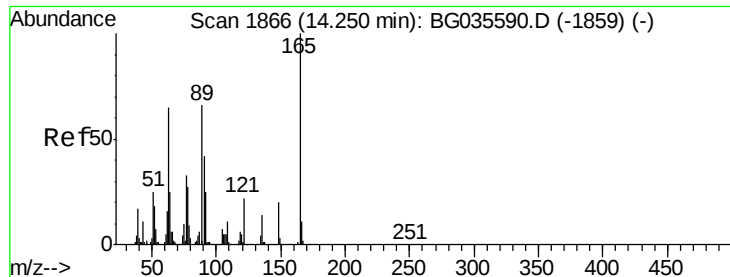
Tgt Ion:330 Resp: 155611
 Ion Ratio Lower Upper
 330 100
 332 94.0 77.0 115.6
 141 35.9 25.2 37.8



#44
 2-Fluorobiphenyl
 Concen: 104.594 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. -0.02 min
 Lab File: BG036199.D
 Acq: 8 Aug 2018 15:56

Tgt Ion:172 Resp: 498299
 Ion Ratio Lower Upper
 172 100
 171 33.6 30.0 45.0
 170 22.1 19.5 29.3

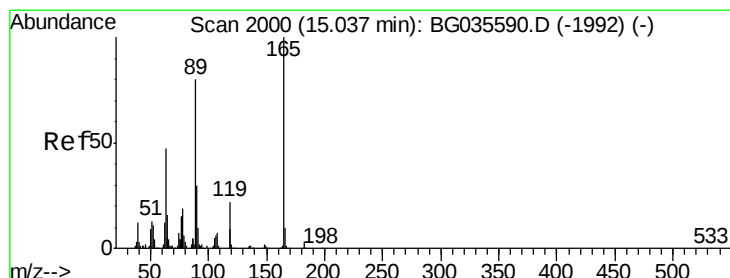
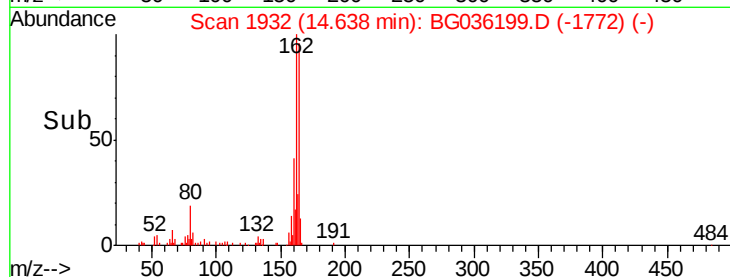
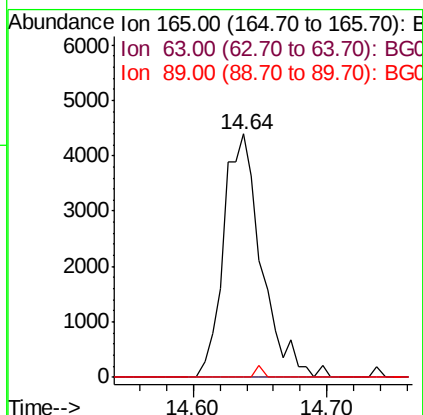
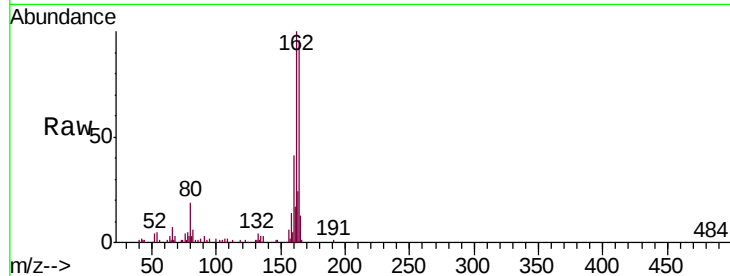




#50
 2,6-Dinitrotoluene
 Concen: 7.625 ng
 RT: 14.64 min Scan# 1932
 Delta R.T. 0.41 min
 Lab File: BG036199.D
 Acq: 8 Aug 2018 15:56

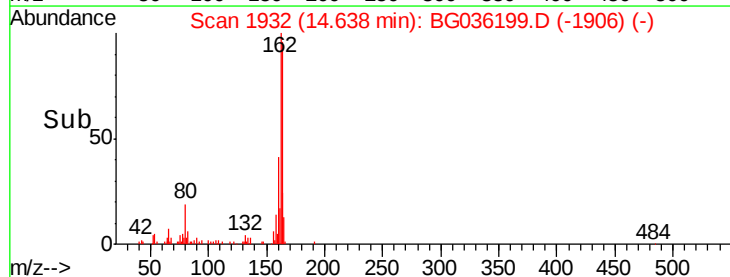
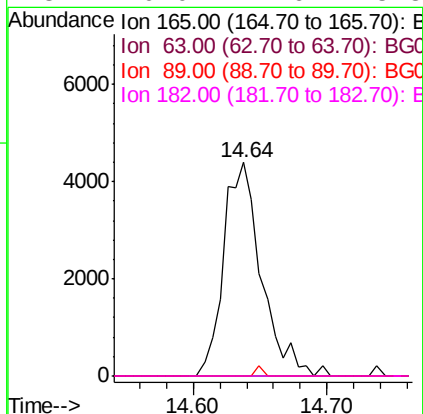
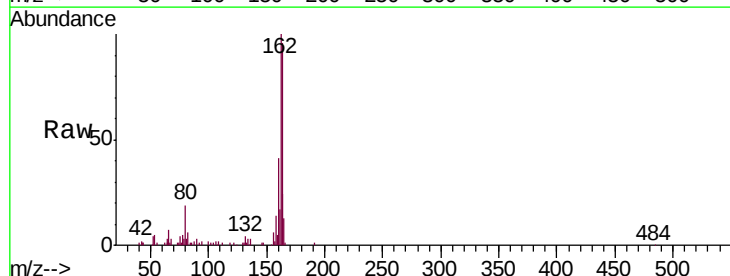
Instrument :
 BNA_G
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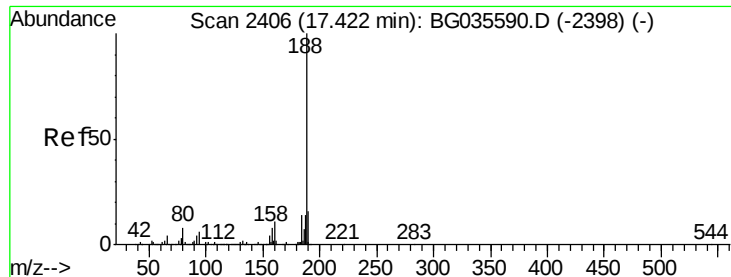
Tgt Ion:165 Resp: 8683
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#



#56
 2,4-Dinitrotoluene
 Concen: 5.315 ng
 RT: 14.64 min Scan# 1932
 Delta R.T. -0.38 min
 Lab File: BG036199.D
 Acq: 8 Aug 2018 15:56

Tgt Ion:165 Resp: 8683
 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# 2399

Delta R.T. -0.01 min

Lab File: BG036199.D

Acq: 8 Aug 2018 15:56

Instrument :

BNA_G

ClientSampleId :

PB111868BL

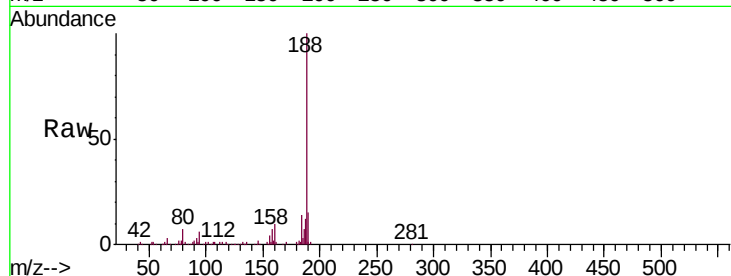
Tgt Ion:188 Resp: 188033

Ion Ratio Lower Upper

188 100

94 5.6 6.9 10.3#

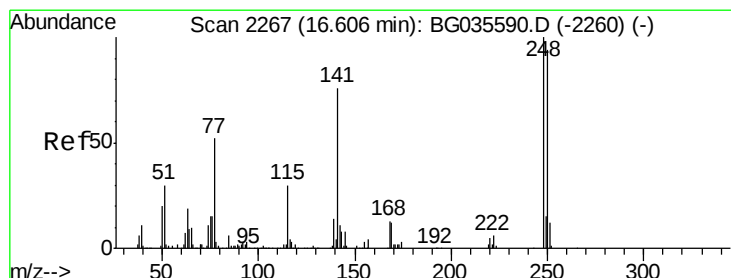
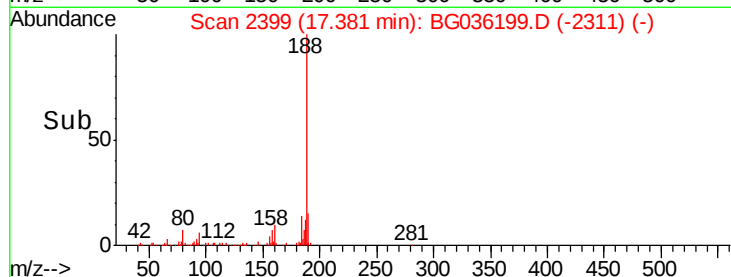
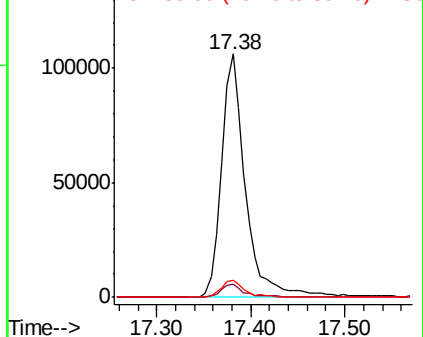
80 7.0 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#66

4-Bromophenyl-phenylether

Concen: 5.164 ng

RT: 16.12 min Scan# 2184

Delta R.T. -0.47 min

Lab File: BG036199.D

Acq: 8 Aug 2018 15:56

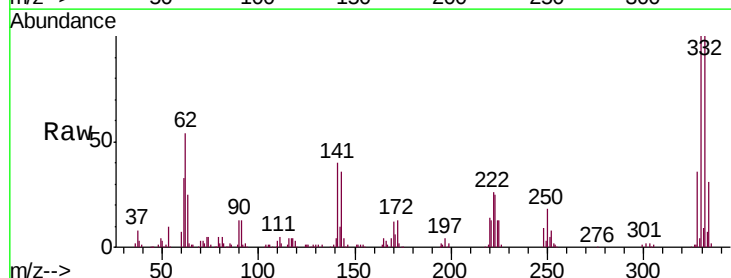
Tgt Ion:248 Resp: 11265

Ion Ratio Lower Upper

248 100

250 210.0 77.1 115.7#

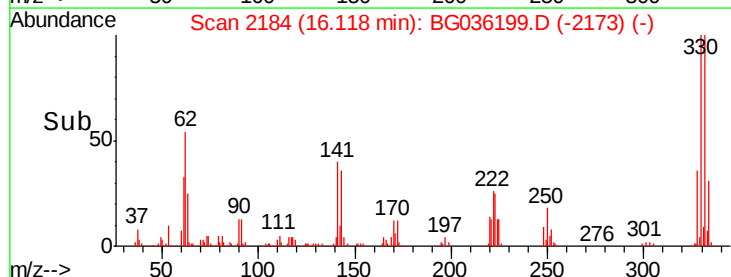
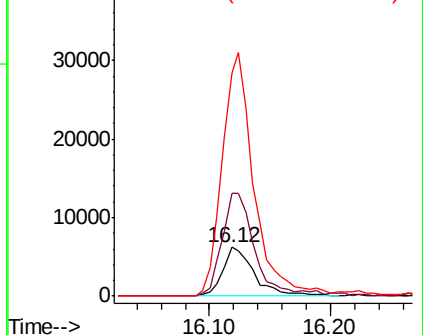
141 457.8 50.8 76.2#



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: BG036199.D

Acq: 8 Aug 2018 15:56

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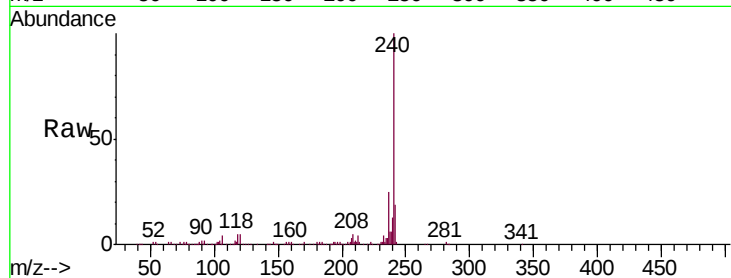
Tgt Ion:240 Resp: 214042

Ion Ratio Lower Upper

240 100

120 5.0 6.8 10.2#

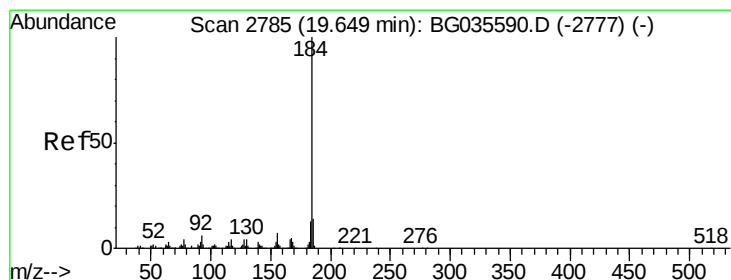
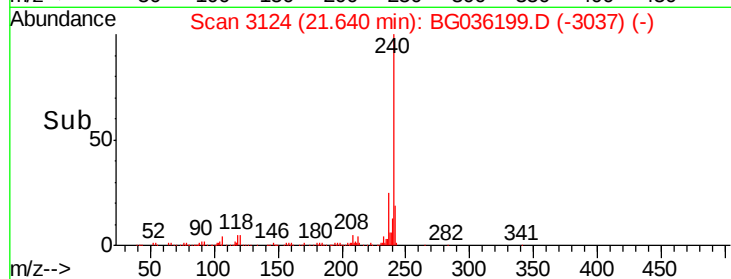
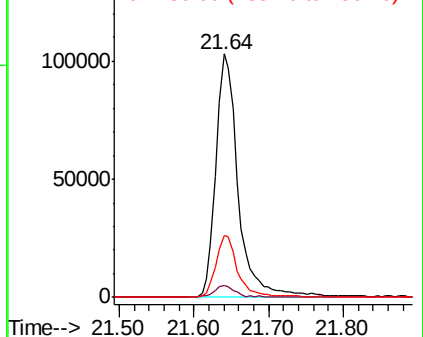
236 25.4 20.9 31.3



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: 3.196 ng

RT: 19.98 min Scan# 2842

Delta R.T. 0.36 min

Lab File: BG036199.D

Acq: 8 Aug 2018 15:56

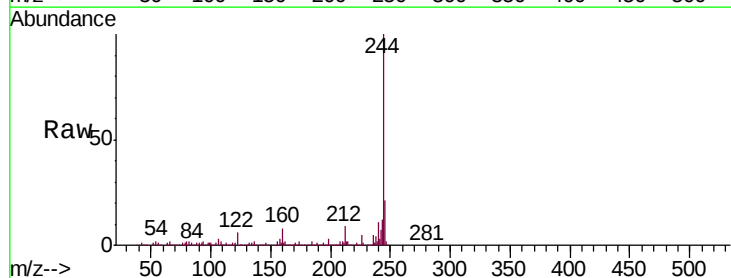
Tgt Ion:184 Resp: 17987

Ion Ratio Lower Upper

184 100

185 15.1 11.1 16.7

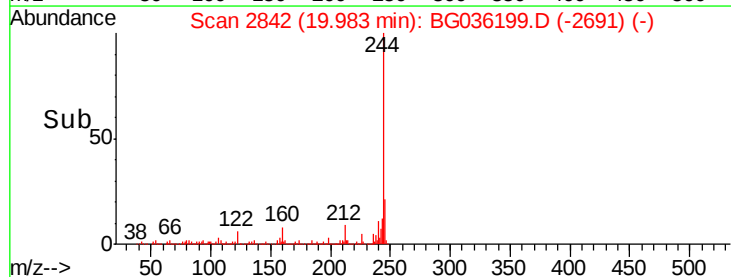
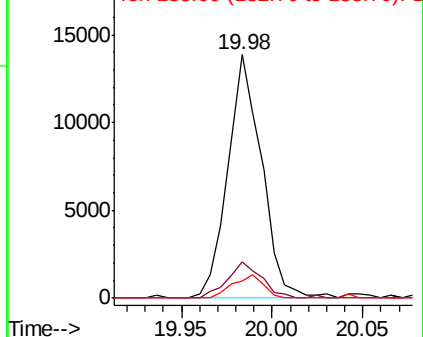
183 7.0 10.6 16.0#

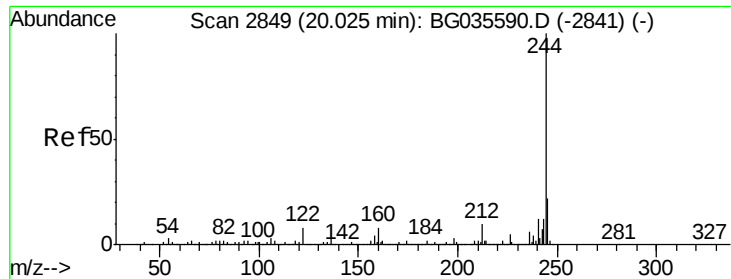


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 111.321 ng

RT: 19.98 min Scan# 2842

Delta R.T. -0.02 min

Lab File: BG036199.D

Acq: 8 Aug 2018 15:56

Instrument :

BNA_G

ClientSampleId :

PB111868BL

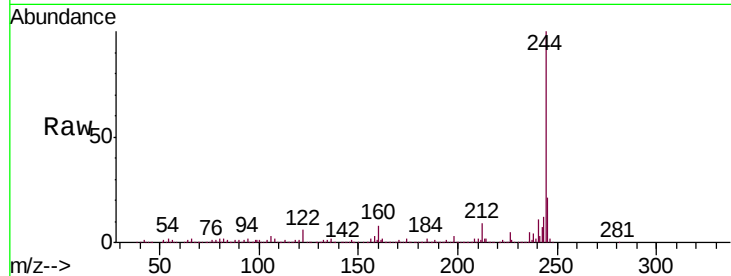
Tgt Ion:244 Resp: 1080950

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

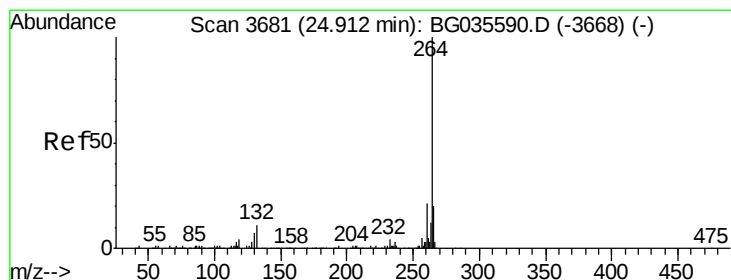
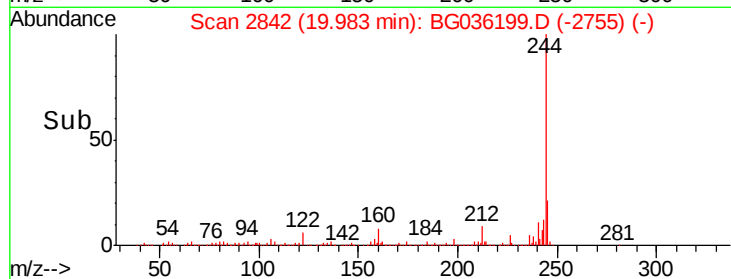
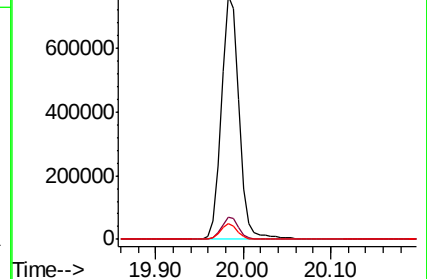
122 6.3 7.0 10.4#



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: 24.84 min Scan# 3668

Delta R.T. -0.02 min

Lab File: BG036199.D

Acq: 8 Aug 2018 15:56

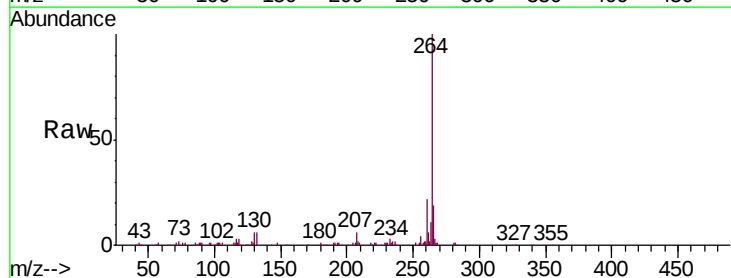
Tgt Ion:264 Resp: 197549

Ion Ratio Lower Upper

264 100

260 22.4 17.4 26.0

265 19.5 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

