

Data Path : Z:\HPCHEM1\BNA_G\Data\BG041118\
 Data File : BG033772.D
 Acq On : 12 Apr 2018 8:49
 Operator : SJ/JU
 Sample : J2321-10
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 041018-DBRI-E-U-S

Quant Time: Apr 12 10:18:49 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 16:51:36 2018
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

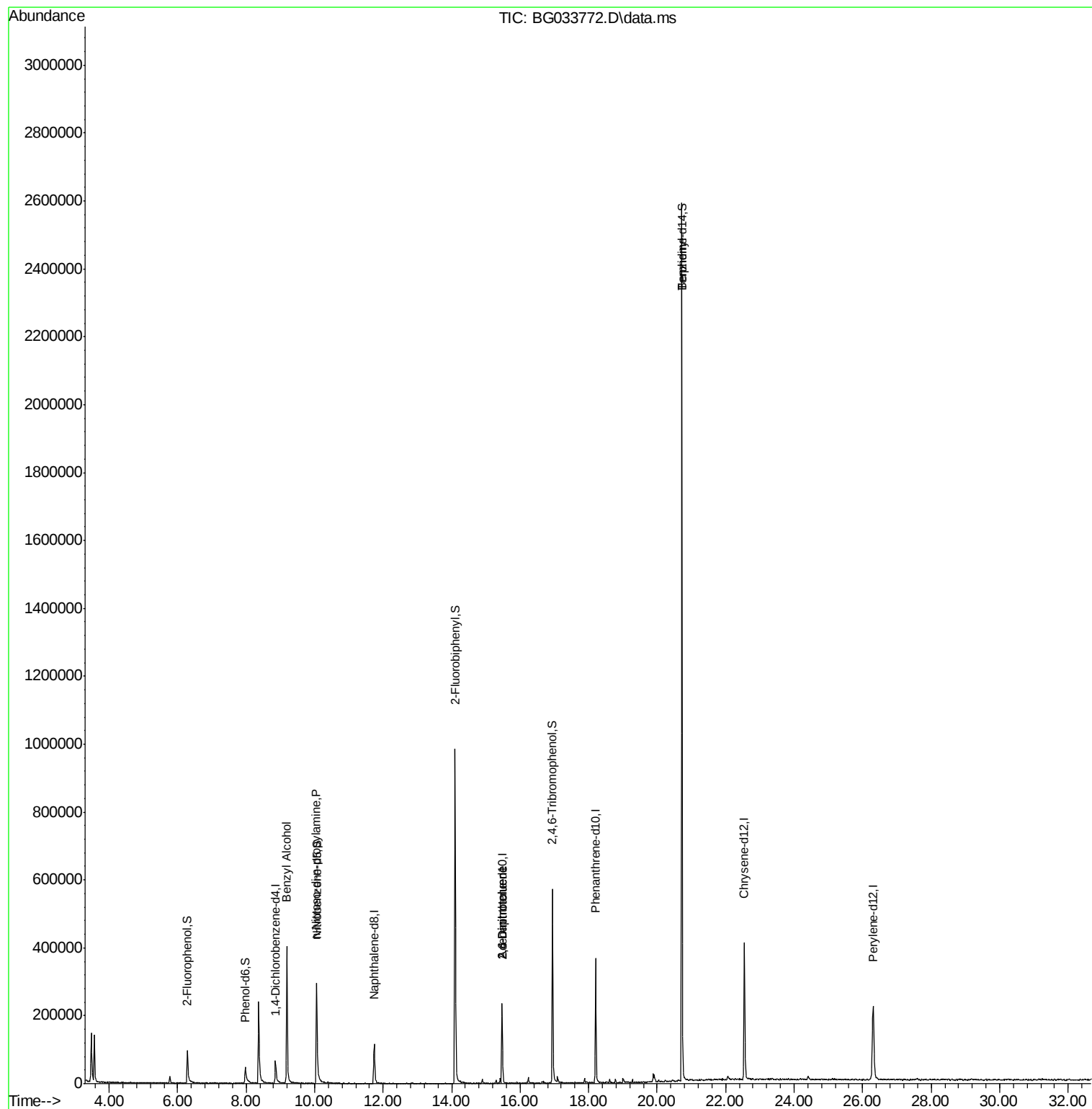
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.861	152	25866	20.00	ng	0.00
21) Naphthalene-d8	11.740	136	121942	20.00	ng	0.00
38) Acenaphthene-d10	15.471	164	91235	20.00	ng	0.00
63) Phenanthrene-d10	18.203	188	258891	20.00	ng	0.00
75) Chrysene-d12	22.545	240	290267	20.00	ng	0.00
86) Perylene-d12	26.305	264	307200	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.282	112	56602	41.03	ng	0.00
7) Phenol-d6	7.968	99	47758	20.15	ng	0.00
23) Nitrobenzene-d5	10.059	82	250099	94.23	ng	0.00
41) 2,4,6-Tribromophenol	16.946	330	113920	83.49	ng	0.00
44) 2-Fluorobiphenyl	14.102	172	582192	92.12	ng	0.00
78) Terphenyl-d14	20.723	244	1249761	92.08	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.190	79	3884	2.08	ng	Qvalue # 48
19) n-Nitroso-di-n-propyla...	10.054	70	33048	19.03	ng	# 73
50) 2,6-Dinitrotoluene	15.471	165	11416	7.03	ng	# 18
56) 2,4-Dinitrotoluene	15.471	165	11416	4.78	ng	# 16
76) Benizidine	20.723	184	21641	2.75	ng	95

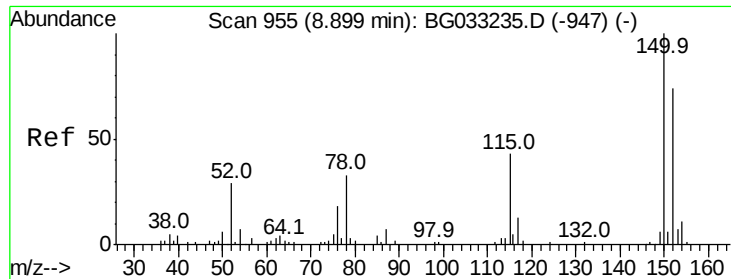
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.861 min Scan# 94

Delta R.T. 0.004 min

Lab File: BG033772.D

Acq: 12 Apr 2018 8:49

Instrument :

BNA_G

ClientSampleId :

041018-DBRI-E-U-S

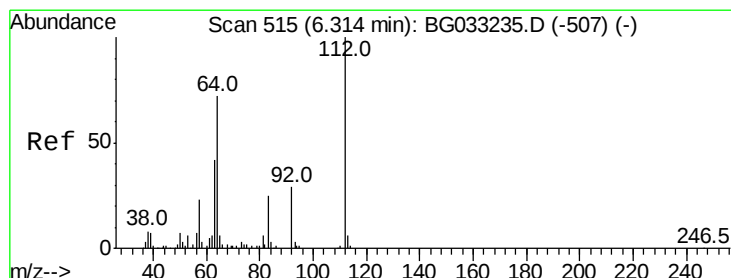
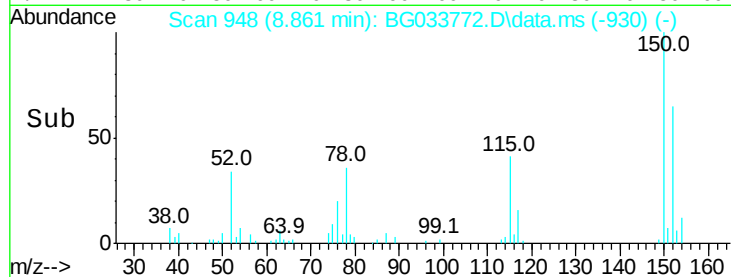
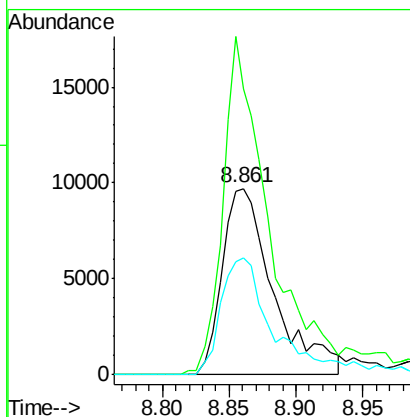
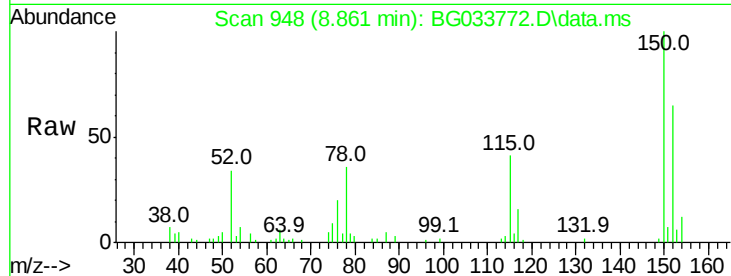
Tgt Ion:152 Resp: 25866

Ion Ratio Lower Upper

152 100

150 153.1 126.6 189.8

115 62.8 53.0 79.4



#5

2-Fluorophenol

Concen: 41.03 ng

RT: 6.282 min Scan# 509

Delta R.T. -0.002 min

Lab File: BG033772.D

Acq: 12 Apr 2018 8:49

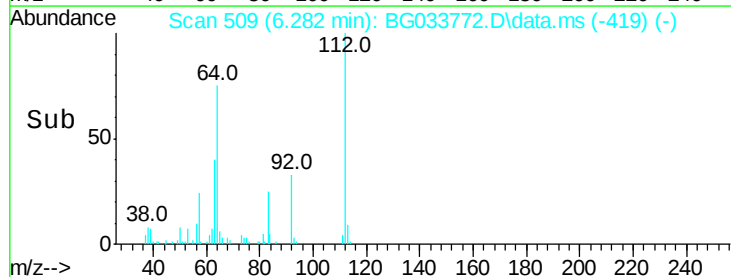
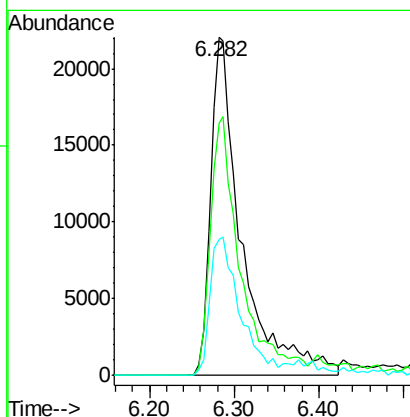
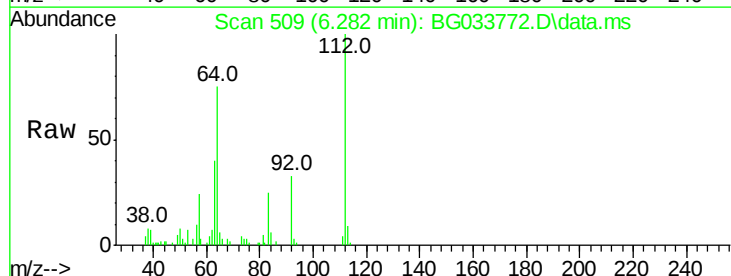
Tgt Ion:112 Resp: 56602

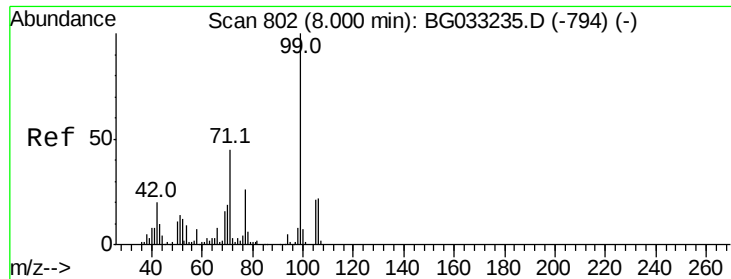
Ion Ratio Lower Upper

112 100

64 74.7 56.3 84.5

63 40.1 30.1 45.1





#7

Phenol-d6

Concen: 20.15 ng

RT: 7.968 min Scan# 79

Delta R.T. -0.002 min

Lab File: BG033772.D

Acq: 12 Apr 2018 8:49

Instrument :

BNA_G

ClientSampleId :

041018-DBRI-E-U-S

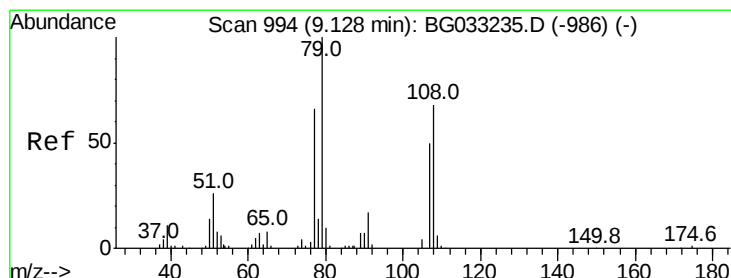
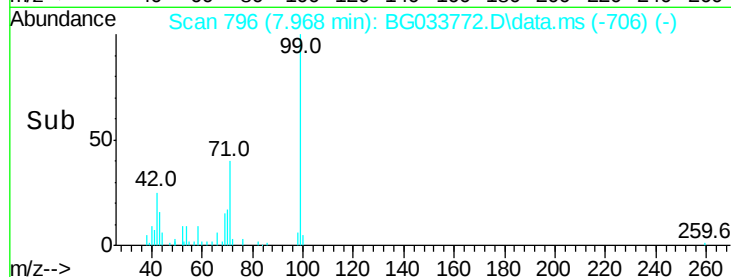
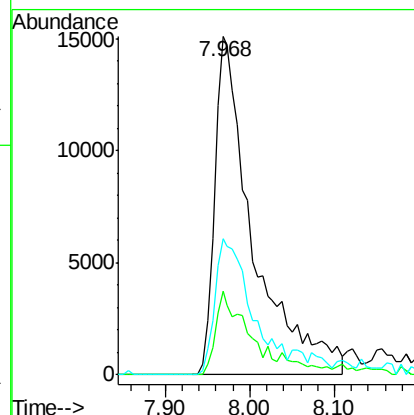
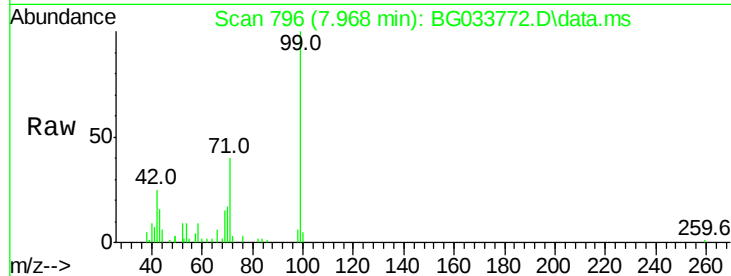
Tgt Ion: 99 Resp: 47758

Ion Ratio Lower Upper

99 100

42 24.7 14.1 21.1#

71 40.1 26.1 39.1#



#15

Benzyl Alcohol

Concen: 2.08 ng

RT: 9.190 min Scan# 1004

Delta R.T. 0.098 min

Lab File: BG033772.D

Acq: 12 Apr 2018 8:49

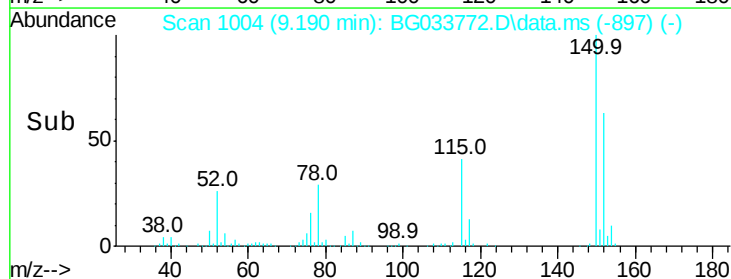
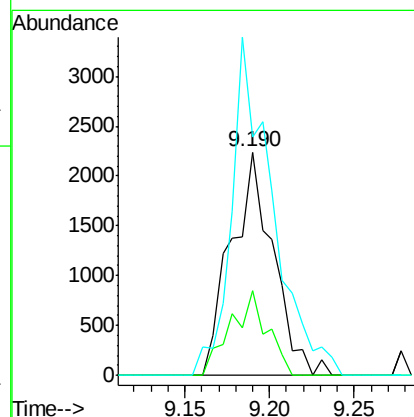
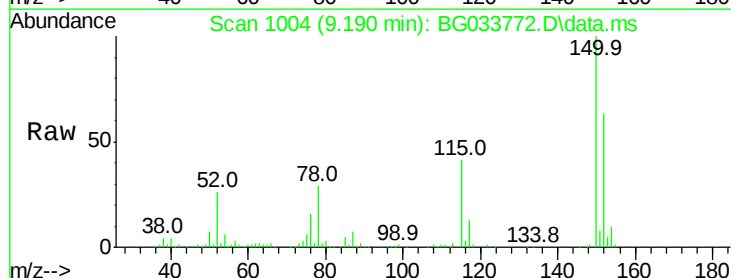
Tgt Ion: 79 Resp: 3884

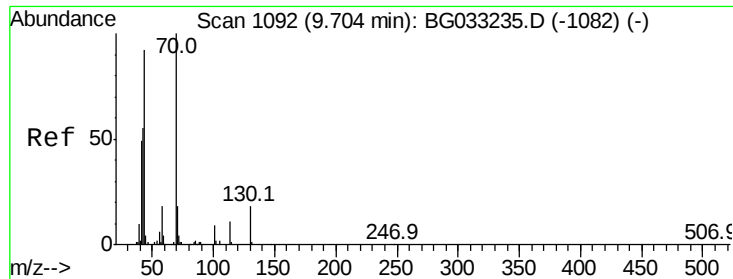
Ion Ratio Lower Upper

79 100

108 38.1 57.2 85.8#

77 106.5 46.1 69.1#





#19

n-Nitroso-di-n-propylamine

Concen: 19.03 ng

RT: 10.054 min Scan# 11

Delta R.T. 0.391 min

Lab File: BG033772.D

Acq: 12 Apr 2018 8:49

Instrument :

BNA_G

ClientSampleId :

041018-DBRI-E-U-S

Tgt Ion: 70 Resp: 33048

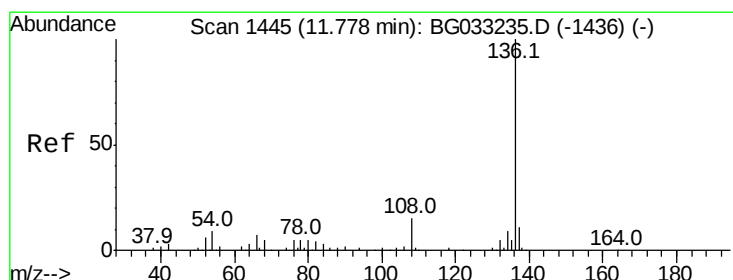
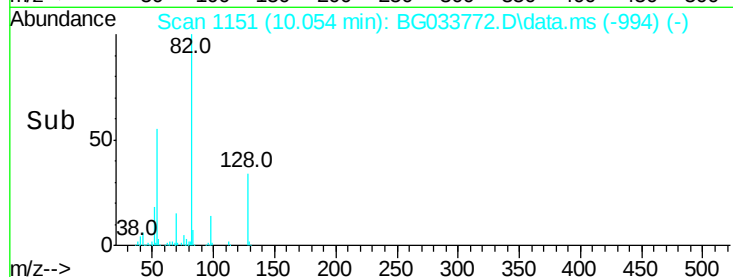
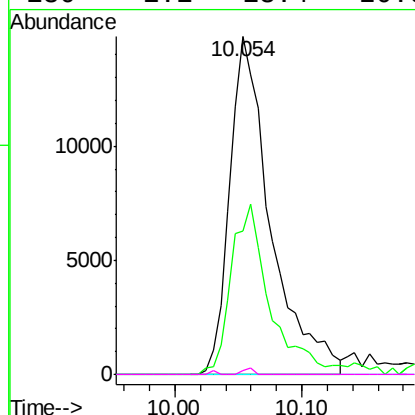
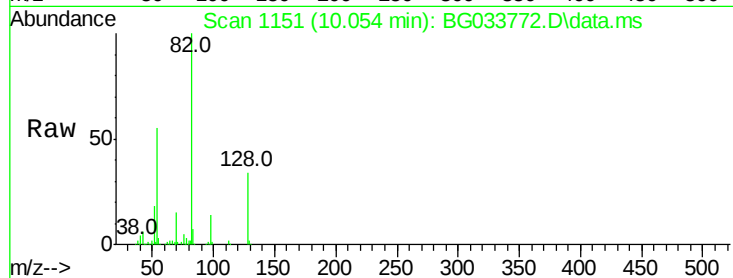
Ion Ratio Lower Upper

70 100

42 42.6 49.1 73.7#

101 0.0 8.5 12.7#

130 1.1 13.4 20.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.740 min Scan# 1438

Delta R.T. 0.004 min

Lab File: BG033772.D

Acq: 12 Apr 2018 8:49

Tgt Ion: 136 Resp: 121942

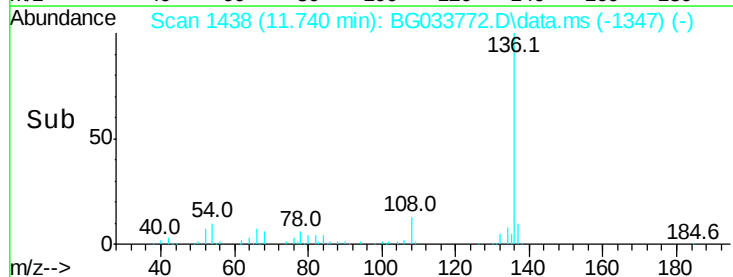
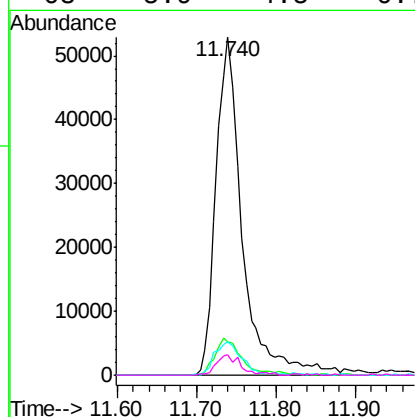
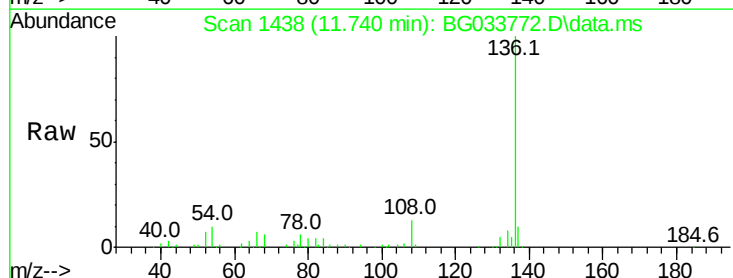
Ion Ratio Lower Upper

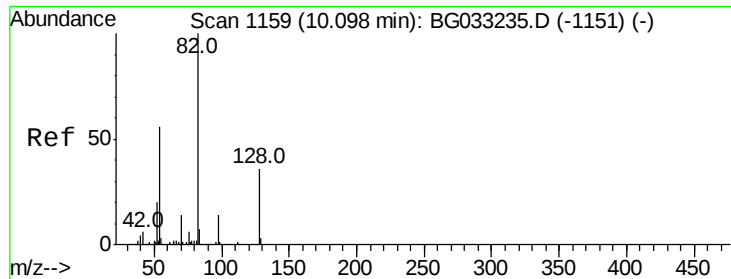
136 100

137 9.9 9.2 13.8

54 10.0 10.3 15.5#

68 5.9 4.5 6.7

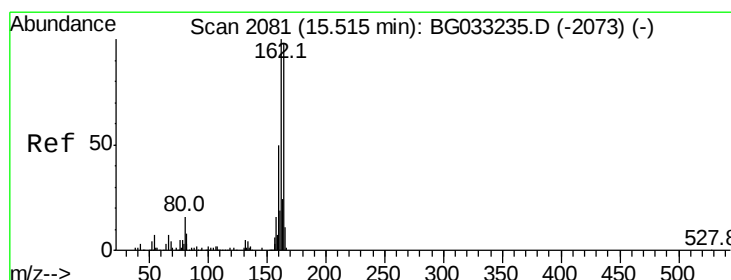
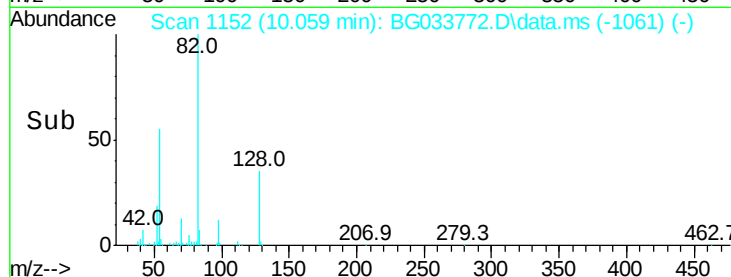
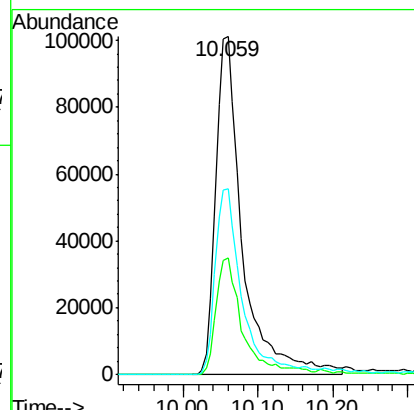
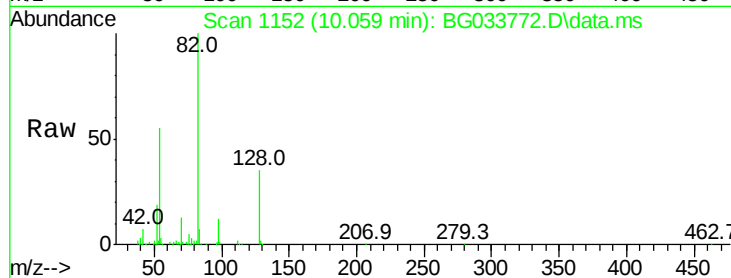




#23
 Nitrobenzene-d5
 Concen: 94.23 ng
 RT: 10.059 min Scan# 11
 Delta R.T. 0.004 min
 Lab File: BG033772.D
 Acq: 12 Apr 2018 8:49

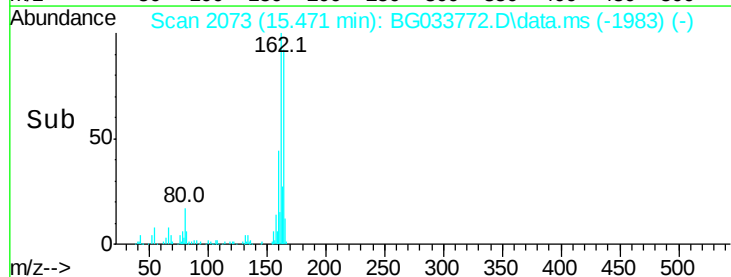
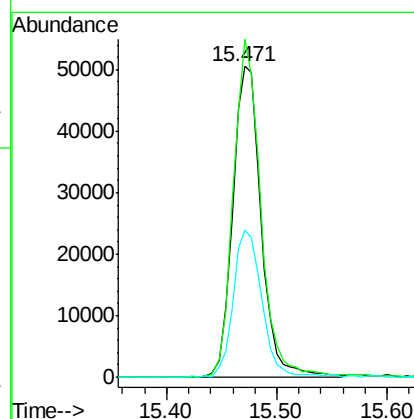
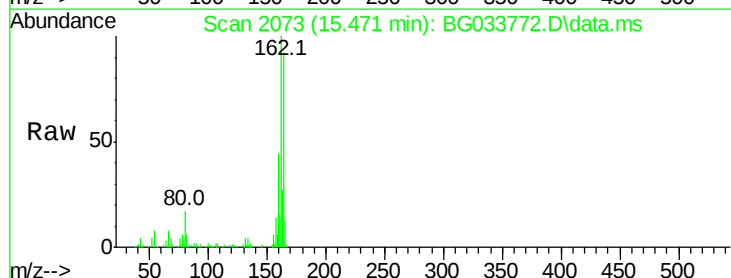
Instrument :
 BNA_G
 ClientSampleId :
 041018-DBRI-E-U-S

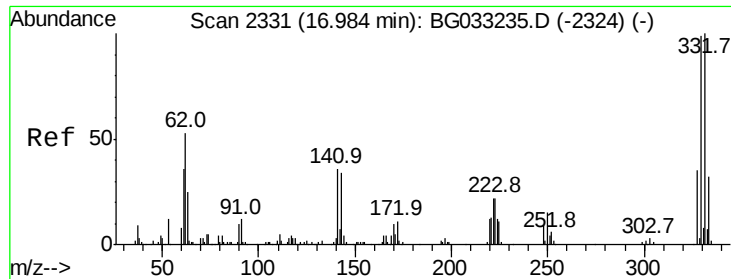
Tgt Ion: 82 Resp: 250099
 Ion Ratio Lower Upper
 82 100
 128 34.5 29.7 44.5
 54 55.1 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.471 min Scan# 2073
 Delta R.T. -0.002 min
 Lab File: BG033772.D
 Acq: 12 Apr 2018 8:49

Tgt Ion: 164 Resp: 91235
 Ion Ratio Lower Upper
 164 100
 162 108.7 78.8 118.2
 160 47.4 35.4 53.0

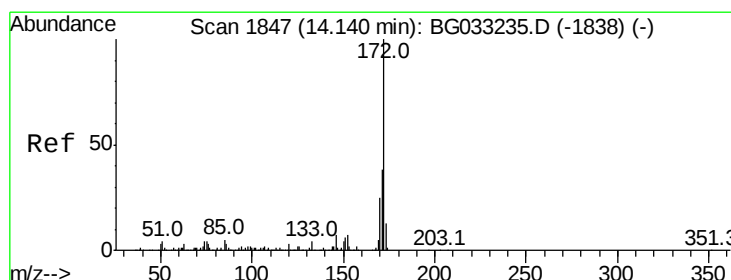
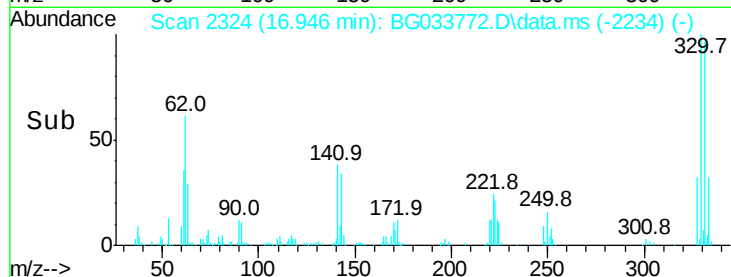
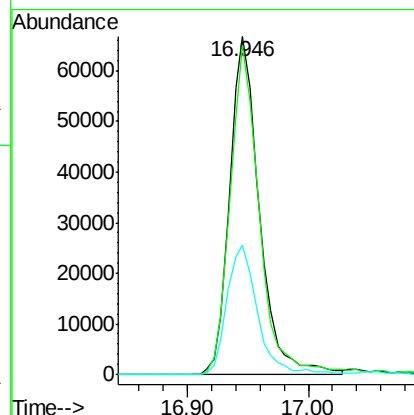
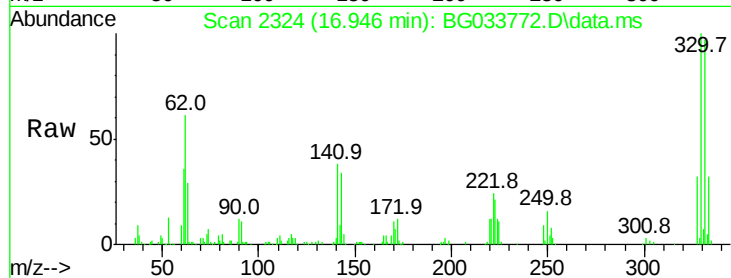




#41
 2,4,6-Tribromophenol
 Concen: 83.49 ng
 RT: 16.946 min Scan# 2331
 Delta R.T. -0.002 min
 Lab File: BG033772.D
 Acq: 12 Apr 2018 8:49

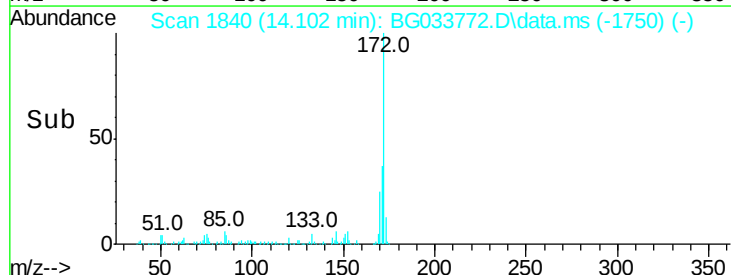
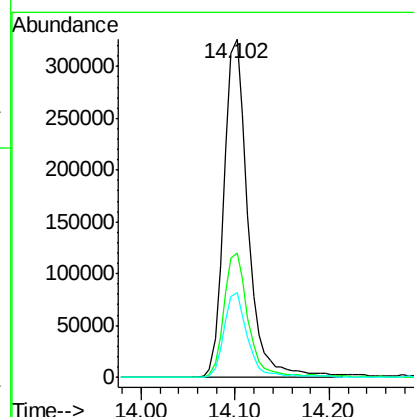
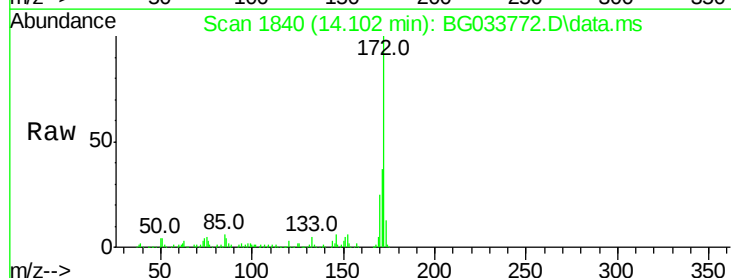
Instrument :
 BNA_G
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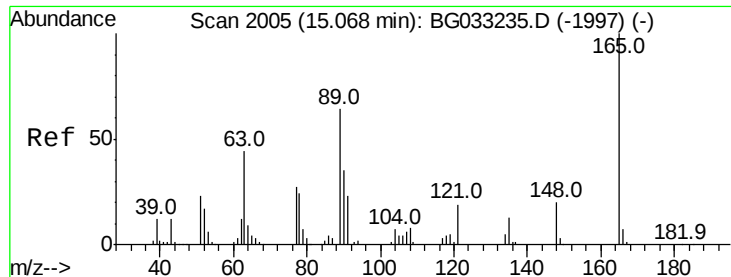
Tgt Ion:330 Resp: 113920
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 39.6 25.2 37.8#



#44
 2-Fluorobiphenyl
 Concen: 92.12 ng
 RT: 14.102 min Scan# 1840
 Delta R.T. -0.002 min
 Lab File: BG033772.D
 Acq: 12 Apr 2018 8:49

Tgt Ion:172 Resp: 582192
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.0 45.0
 170 25.0 19.5 29.3

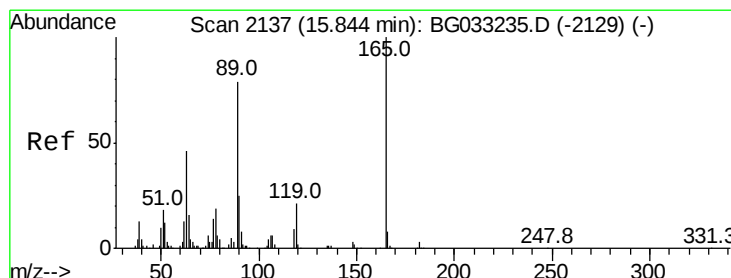
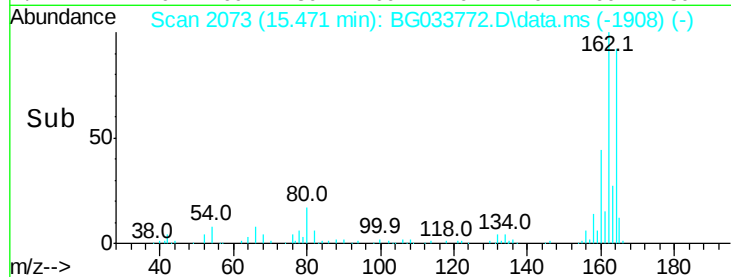
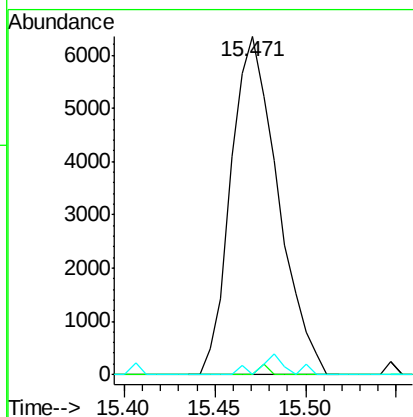
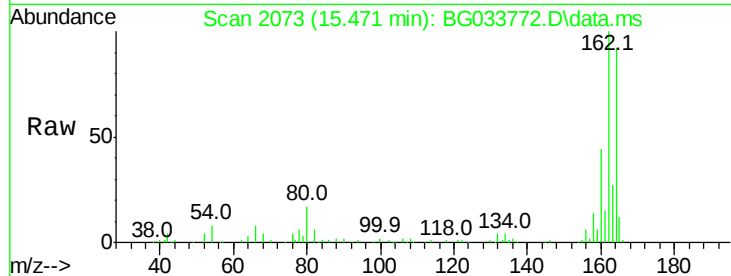




#50
 2,6-Dinitrotoluene
 Concen: 7.03 ng
 RT: 15.471 min Scan# 2073
 Delta R.T. 0.438 min
 Lab File: BG033772.D
 Acq: 12 Apr 2018 8:49

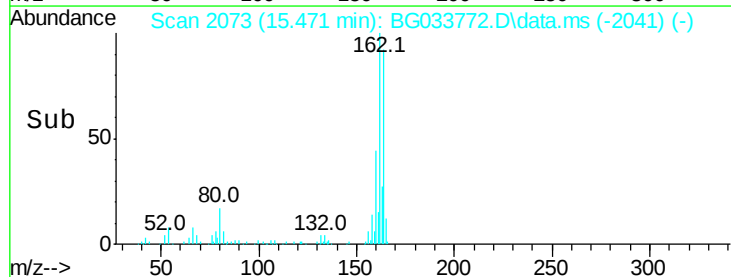
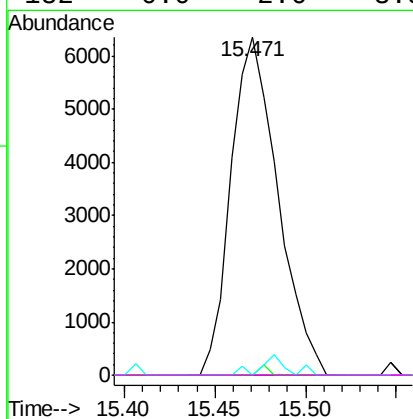
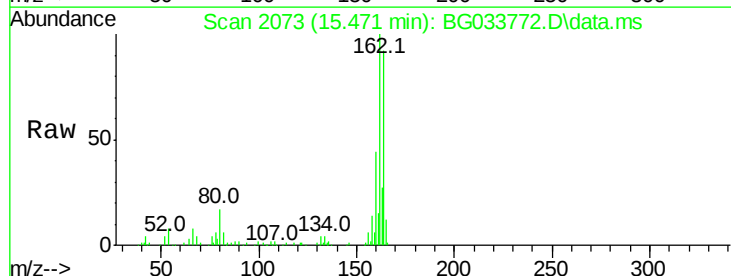
Instrument :
 BNA_G
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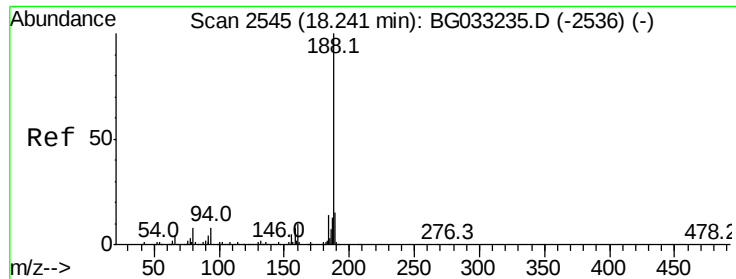
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	0.0	49.2	73.8#



#56
 2,4-Dinitrotoluene
 Concen: 4.78 ng
 RT: 15.471 min Scan# 2073
 Delta R.T. -0.343 min
 Lab File: BG033772.D
 Acq: 12 Apr 2018 8:49

Tgt 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: 20.00 ng

RT: 18.203 min Scan# 25

Delta R.T. -0.002 min

Lab File: BG033772.D

Acq: 12 Apr 2018 8:49

Instrument :

BNA_G

ClientSampleId :

041018-DBRI-E-U-S

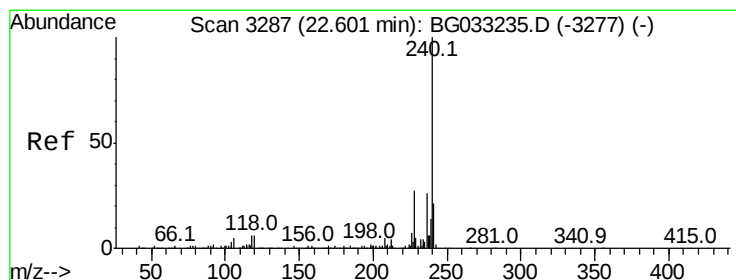
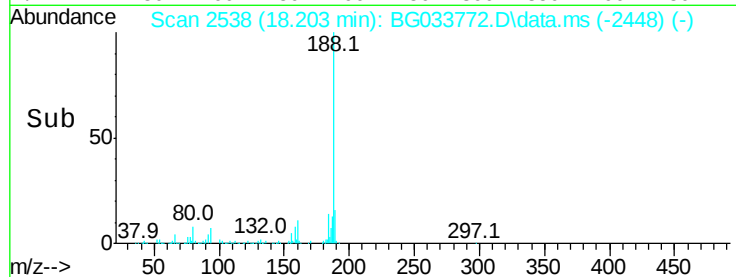
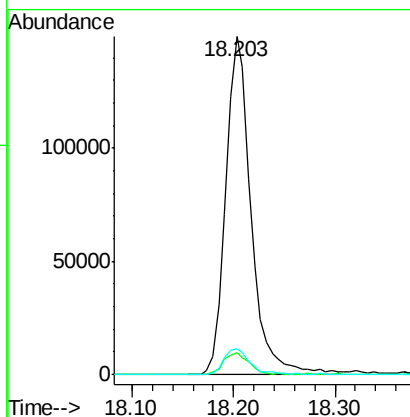
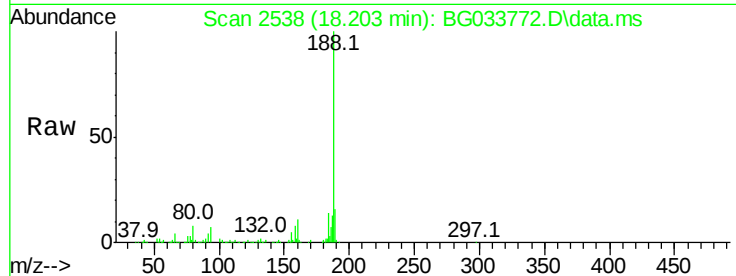
Tgt Ion:188 Resp: 258891

Ion Ratio Lower Upper

188 100

94 6.6 6.9 10.3#

80 7.6 7.7 11.5#



#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.545 min Scan# 3277

Delta R.T. -0.008 min

Lab File: BG033772.D

Acq: 12 Apr 2018 8:49

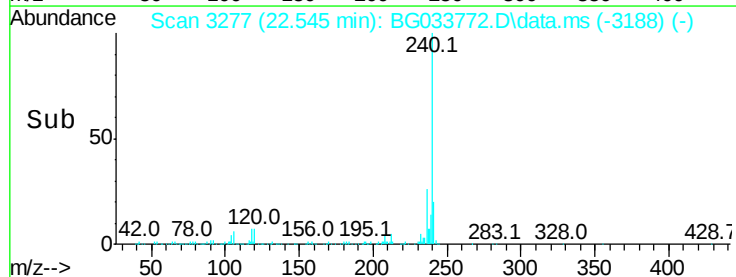
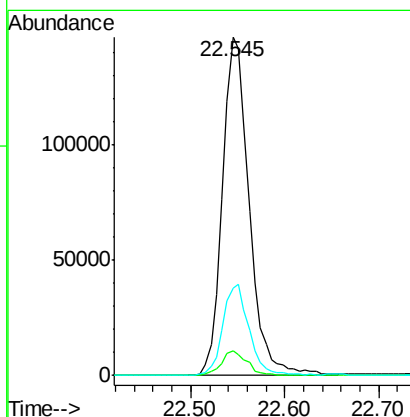
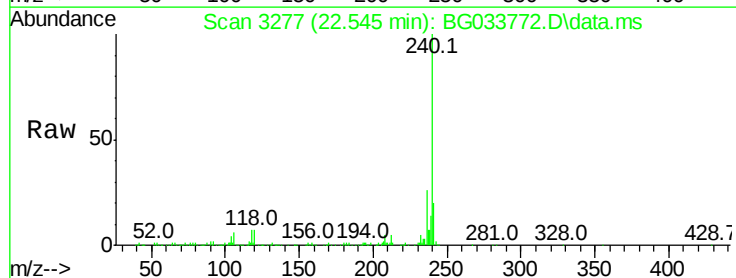
Tgt Ion:240 Resp: 290267

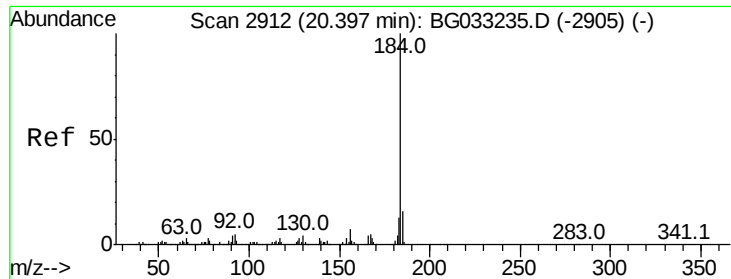
Ion Ratio Lower Upper

240 100

120 7.1 6.8 10.2

236 25.9 20.9 31.3

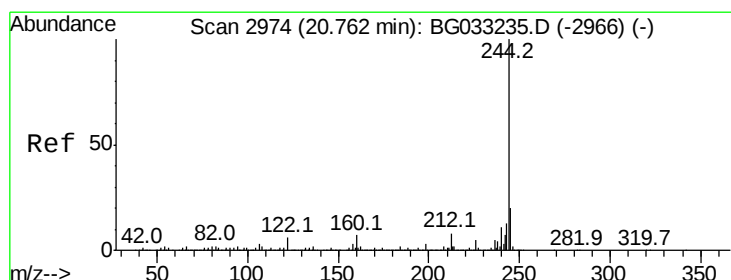
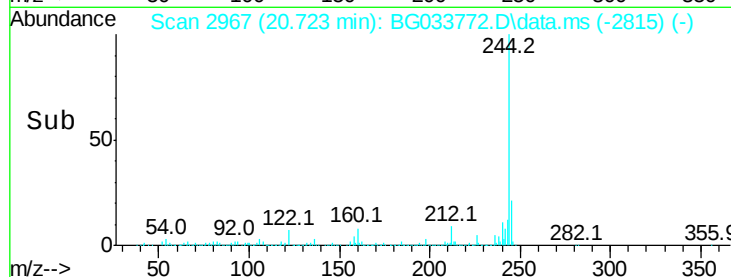
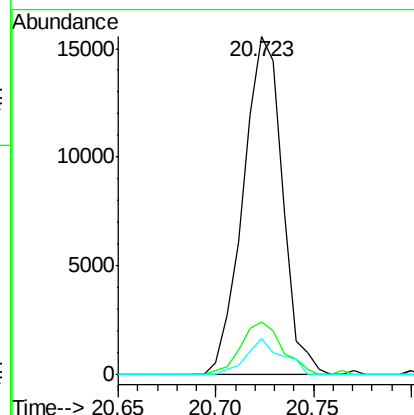
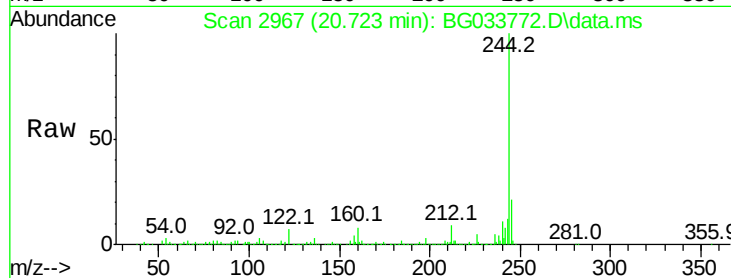




#76
Benzidine
Concen: 2.75 ng
RT: 20.723 min Scan# 2912
Delta R.T. 0.362 min
Lab File: BG033772.D
Acq: 12 Apr 2018 8:49

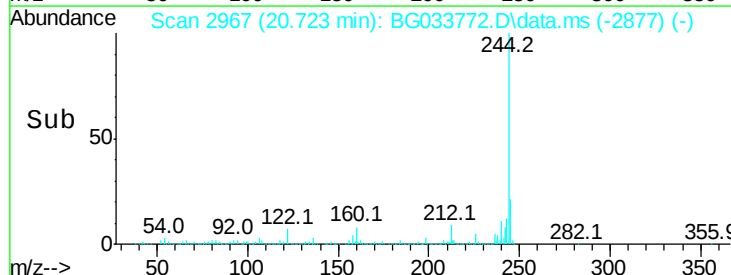
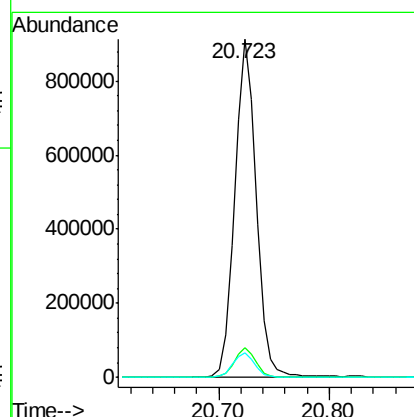
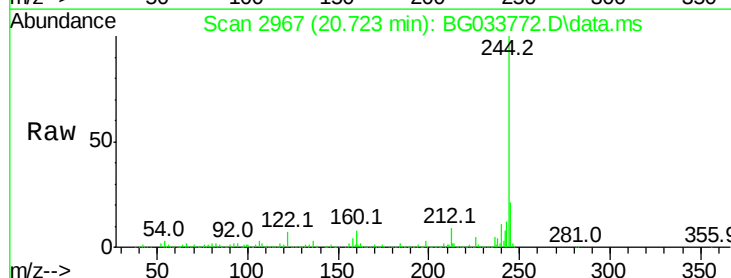
Instrument :
BNA_G
ClientSampleId :
041018-DBRI-E-U-S

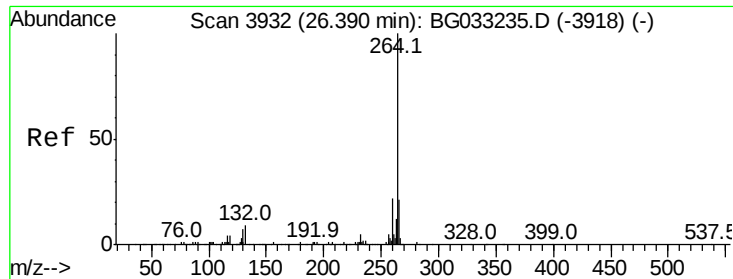
Tgt Ion:184 Resp: 21641
Ion Ratio Lower Upper
184 100
185 15.7 11.1 16.7
183 10.7 10.6 16.0



#78
Terphenyl-d14
Concen: 92.08 ng
RT: 20.723 min Scan# 2967
Delta R.T. -0.002 min
Lab File: BG033772.D
Acq: 12 Apr 2018 8:49

Tgt Ion:244 Resp: 1249761
Ion Ratio Lower Upper
244 100
212 8.7 5.8 8.8
122 7.3 7.0 10.4





#86

Perylene-d12

Concen: 20.00 ng

RT: 26.305 min Scan# 39

Delta R.T. -0.002 min

Lab File: BG033772.D

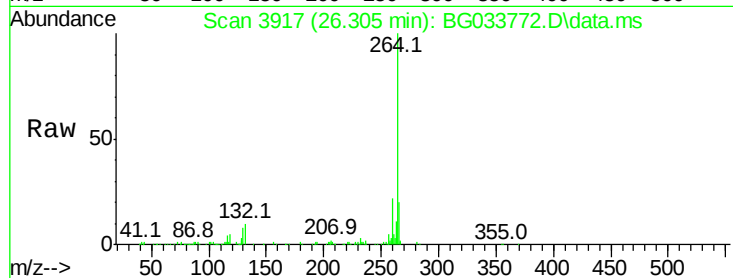
Acq: 12 Apr 2018 8:49

Instrument :

BNA_G

ClientSampleId :

041018-DBRI-E-U-S



Tgt Ion: 264 Resp: 307200

Ion Ratio Lower Upper

264 100

260 21.9 17.4 26.0

265 20.2 17.7 26.5

