

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062218\
 Data File : BG035355.D
 Acq On : 23 Jun 2018 6:28
 Operator : JU/SJ
 Sample : J3587-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 061818-DBRI-E-U-B

Quant Time: Jun 25 05:47:32 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

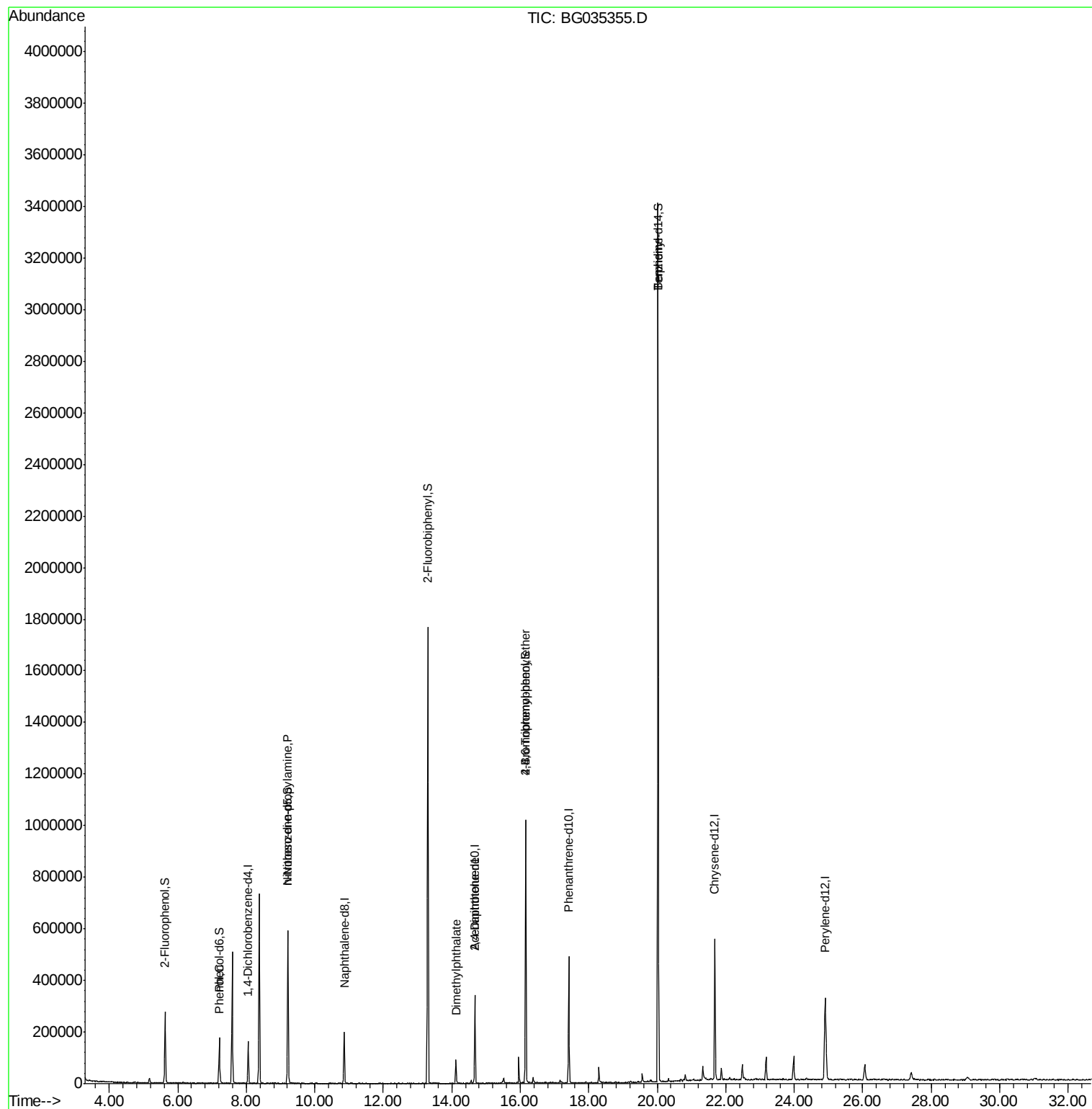
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	47851	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	169498	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	114046	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	315407	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	345987	20.00	ng	-0.04
86) Perylene-d12	24.90	264	338981	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	124584	43.94	ng	-0.01
7) Phenol-d6	7.21	99	110528	26.41	ng	-0.01
23) Nitrobenzene-d5	9.21	82	409789	114.92	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	181053	124.01	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	966112	110.13	ng	-0.03
78) Terphenyl-d14	20.02	244	1609260	97.43	ng	-0.02
Target Compounds						
10) Phenol	7.23	94	11540	2.665	ng	Qvalue 87
19) n-Nitroso-di-n-propylamine	9.21	70	56471	15.883	ng	# 69
49) Dimethylphthalate	14.12	163	60504	6.084	ng	# 95
56) 2,4-Dinitrotoluene	14.67	165	16838	6.986	ng	# 21
66) 4-Bromophenyl-phenylether	16.16	248	13551	3.568	ng	# 1
76) Benzidine	20.02	184	27669	2.150	ng	# 91

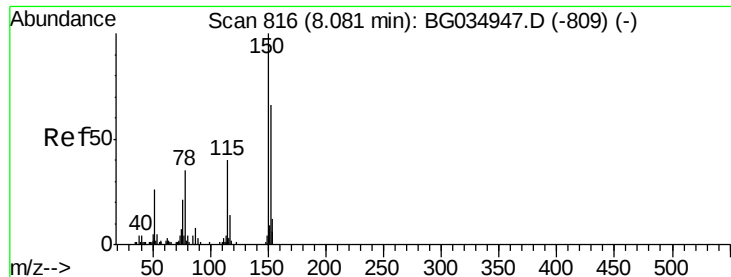
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 811

Delta R.T. -0.02 min

Lab File: BG035355.D

Acq: 23 Jun 2018 6:28

Instrument :

BNA_G

ClientSampleId :

061818-DBRI-E-U-B

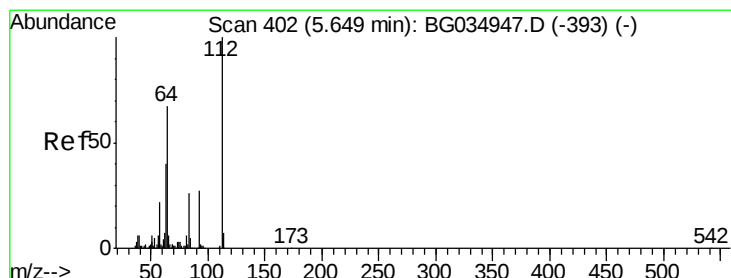
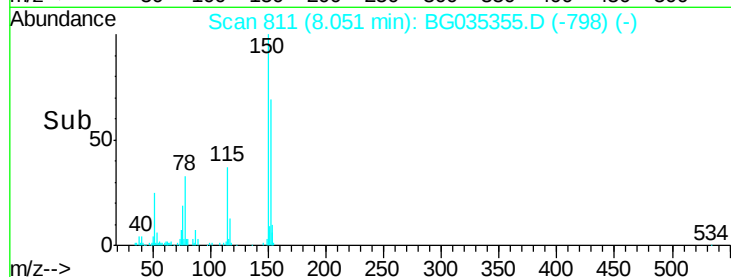
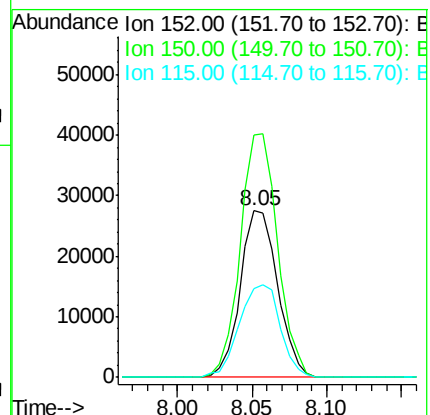
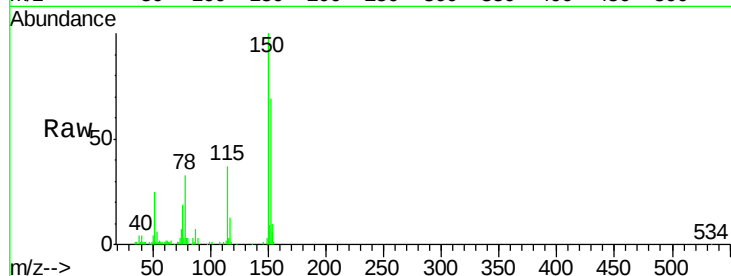
Tgt Ion:152 Resp: 47851

Ion Ratio Lower Upper

152 100

150 146.0 126.6 189.8

115 53.7 53.0 79.4



#5

2-Fluorophenol

Concen: 43.938 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.01 min

Lab File: BG035355.D

Acq: 23 Jun 2018 6:28

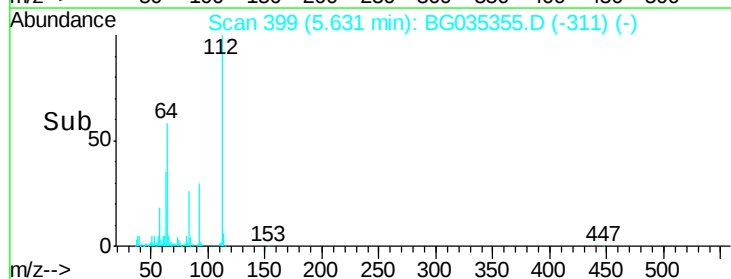
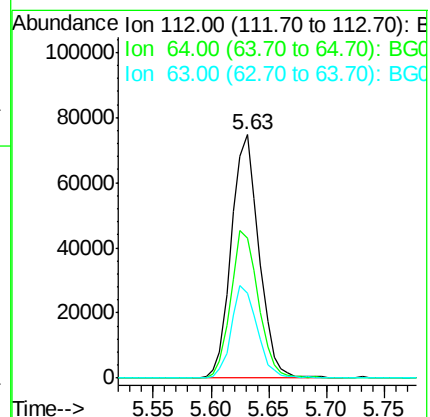
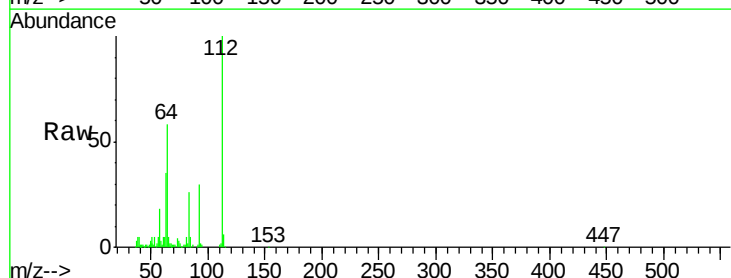
Tgt Ion:112 Resp: 124584

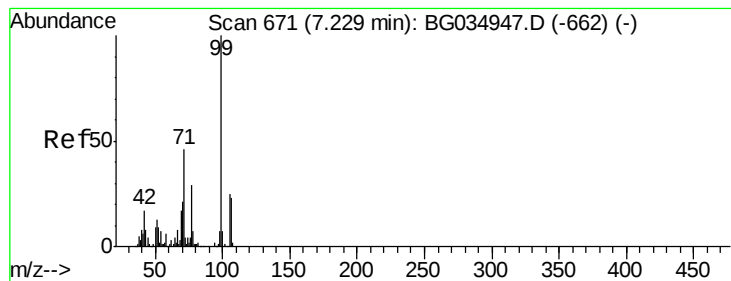
Ion Ratio Lower Upper

112 100

64 57.5 56.3 84.5

63 34.7 30.1 45.1





#7

Phenol-d6

Concen: 26.411 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035355.D

Acq: 23 Jun 2018 6:28

Instrument :

BNA_G

ClientSampleId :

061818-DBRI-E-U-B

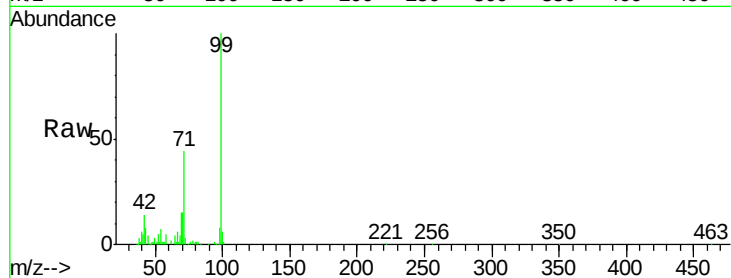
Tgt Ion: 99 Resp: 110528

Ion Ratio Lower Upper

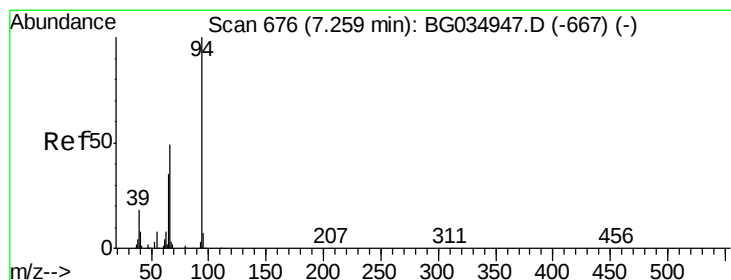
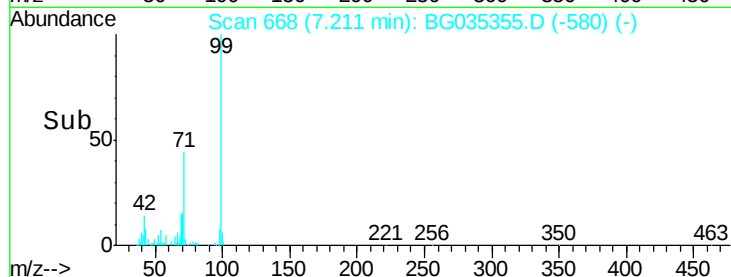
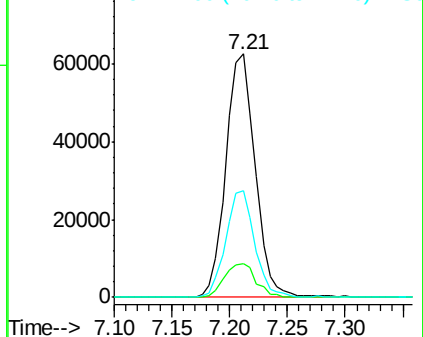
99 100

42 13.8 14.1 21.1#

71 43.7 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



#10

Phenol

Concen: 2.665 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.02 min

Lab File: BG035355.D

Acq: 23 Jun 2018 6:28

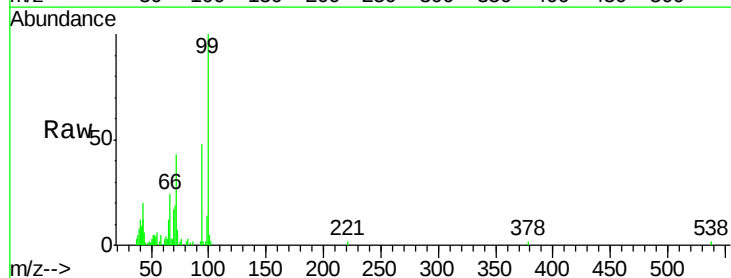
Tgt Ion: 94 Resp: 11540

Ion Ratio Lower Upper

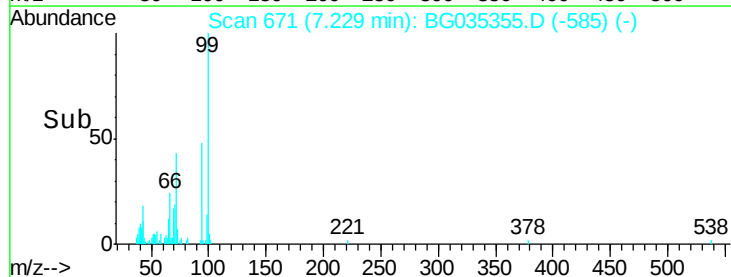
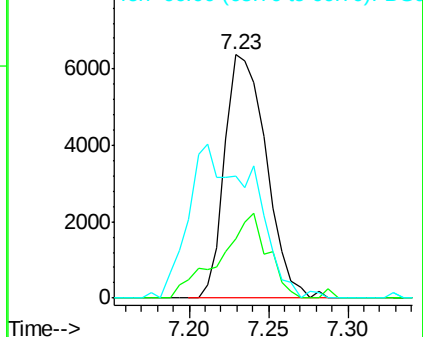
94 100

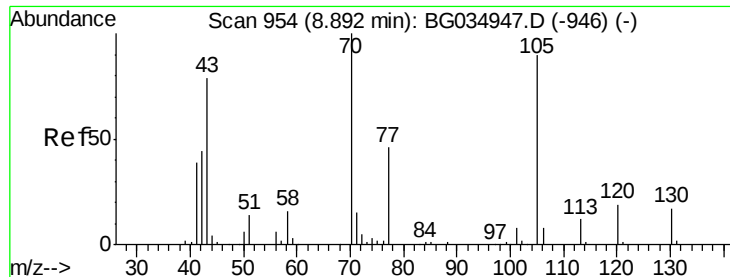
65 24.4 11.9 51.9

66 50.2 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

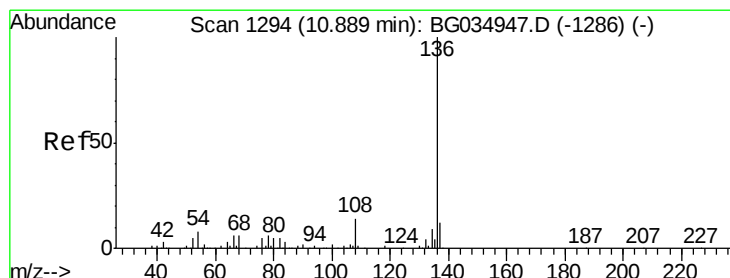
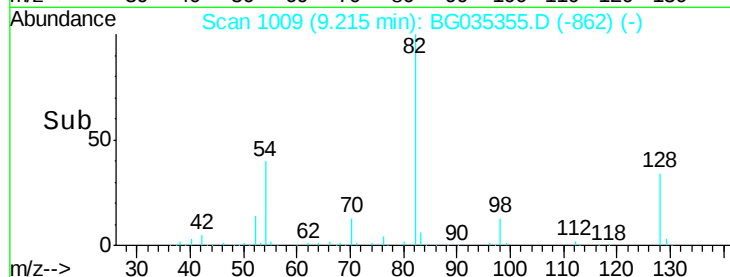
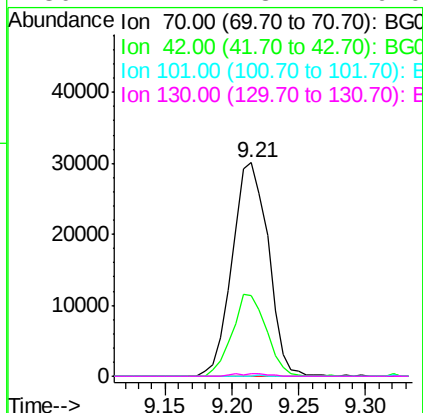
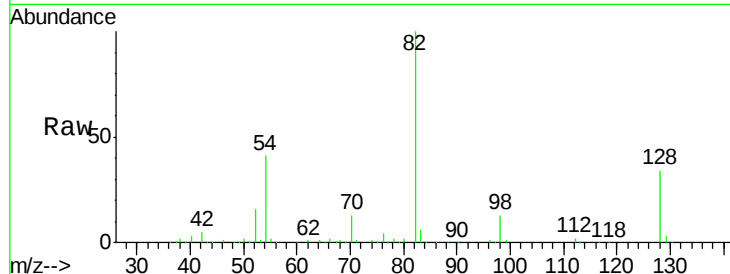




#19
n-Nitroso-di-n-propylamine
Concen: 15.883 ng
RT: 9.21 min Scan# 1009
Delta R.T. 0.33 min
Lab File: BG035355.D
Acq: 23 Jun 2018 6:28

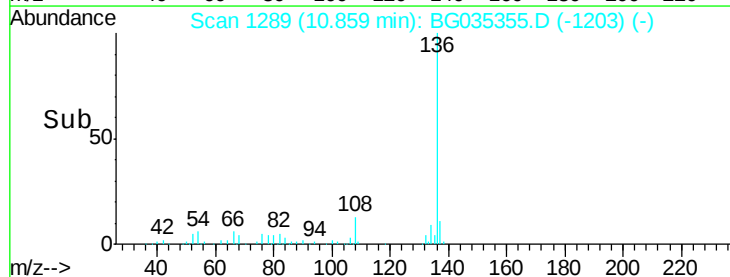
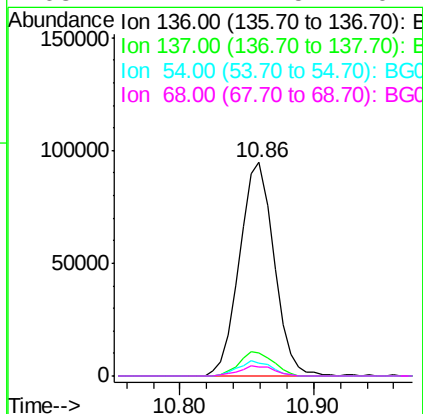
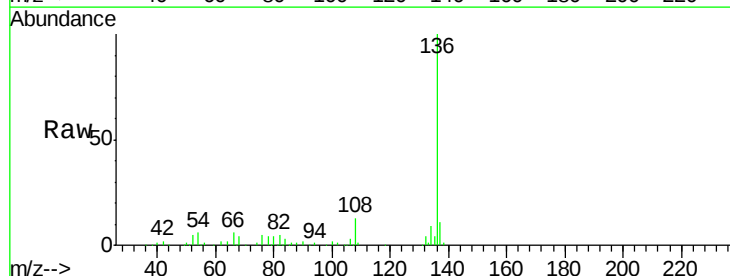
Instrument :
BNA_G
ClientSampleId :
061818-DBRI-E-U-B

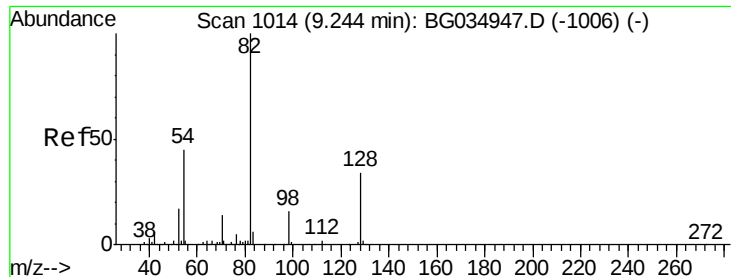
Tgt Ion: 70 Resp: 56471
Ion Ratio Lower Upper
70 100
42 37.9 49.1 73.7#
101 0.0 8.5 12.7#
130 1.4 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BG035355.D
Acq: 23 Jun 2018 6:28

Tgt Ion: 136 Resp: 169498
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 6.1 10.3 15.5#
68 4.2 4.5 6.7#

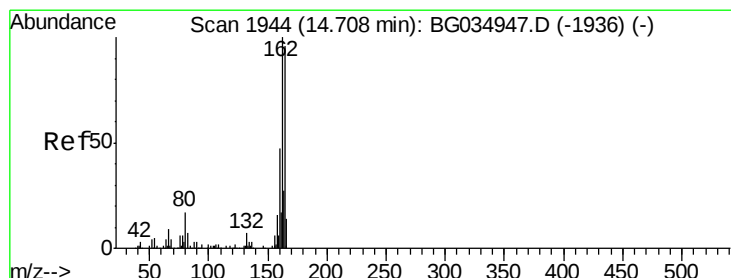
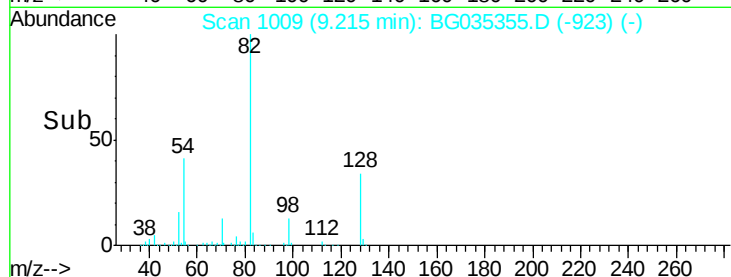
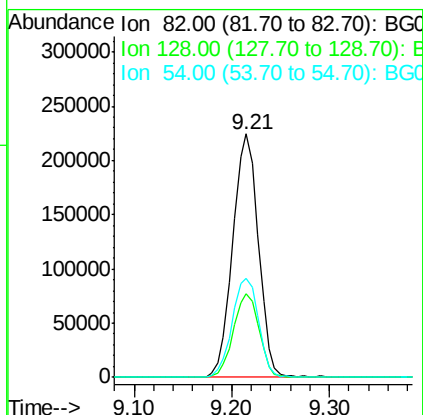
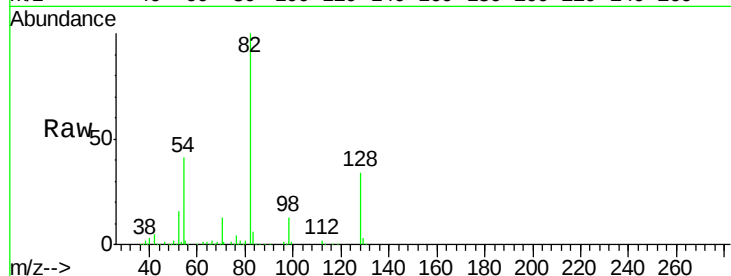




#23
 Nitrobenzene-d5
 Concen: 114.922 ng
 RT: 9.21 min Scan# 1009
 Delta R.T. -0.02 min
 Lab File: BG035355.D
 Acq: 23 Jun 2018 6:28

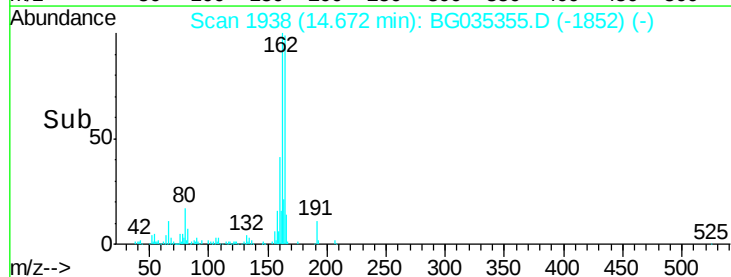
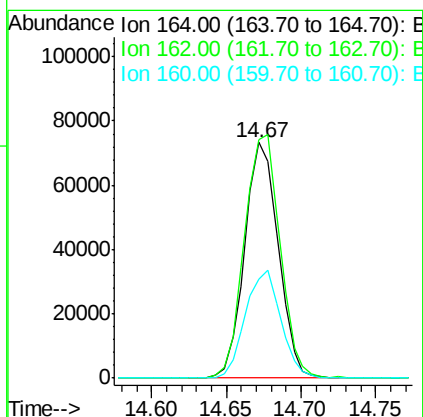
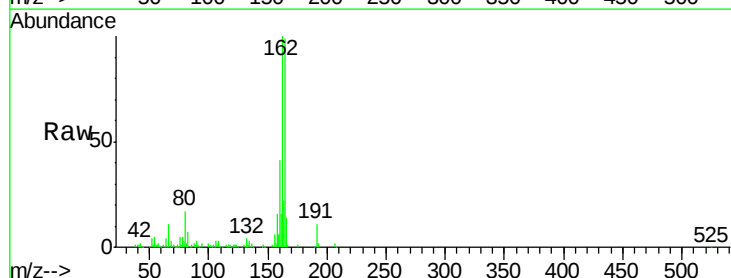
Instrument :
 BNA_G
 ClientSampleId :
 061818-DBRI-E-U-B

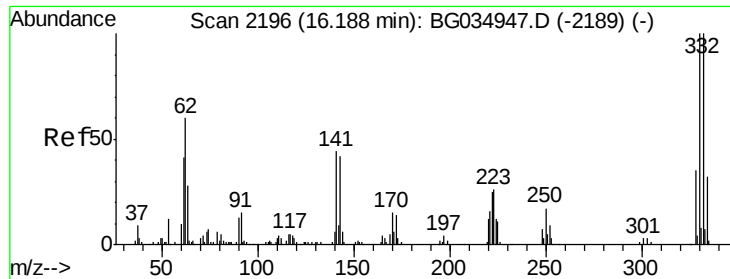
Tgt Ion: 82 Resp: 409789
 Ion Ratio Lower Upper
 82 100
 128 34.2 29.7 44.5
 54 40.8 43.1 64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.02 min
 Lab File: BG035355.D
 Acq: 23 Jun 2018 6:28

Tgt Ion: 164 Resp: 114046
 Ion Ratio Lower Upper
 164 100
 162 101.0 78.8 118.2
 160 41.9 35.4 53.0

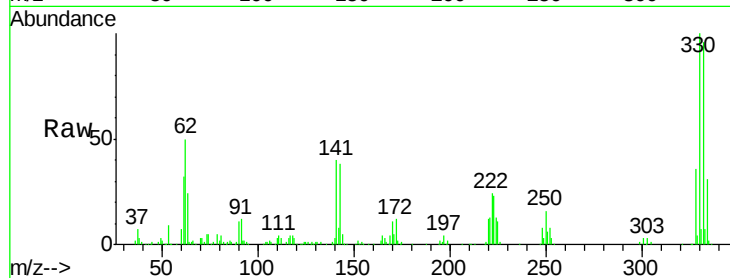




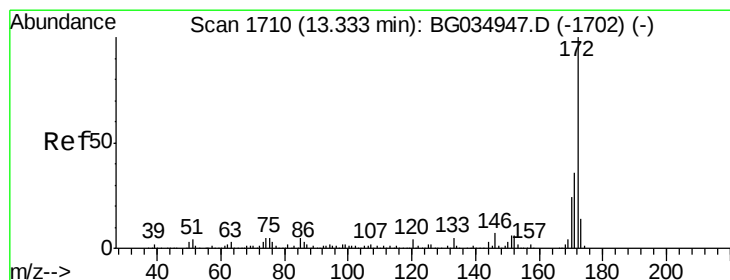
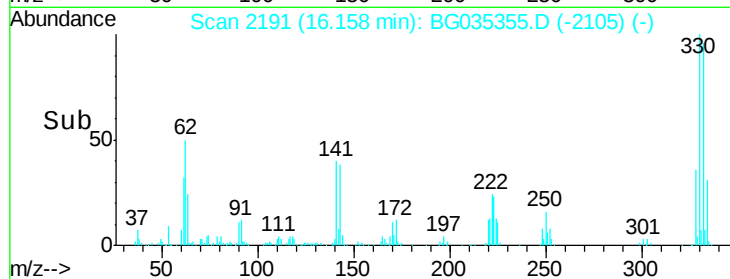
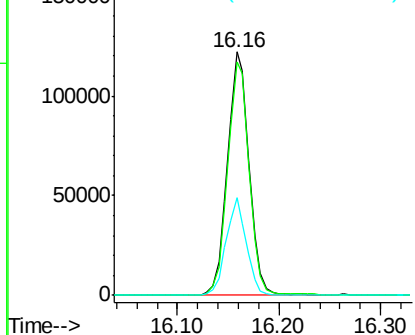
#41
 2,4,6-Tribromophenol
 Concen: 124.015 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.02 min
 Lab File: BG035355.D
 Acq: 23 Jun 2018 6:28

Instrument :
 BNA_G
 ClientSampleId :
 061818-DBRI-E-U-B

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	37.4	25.2	37.8

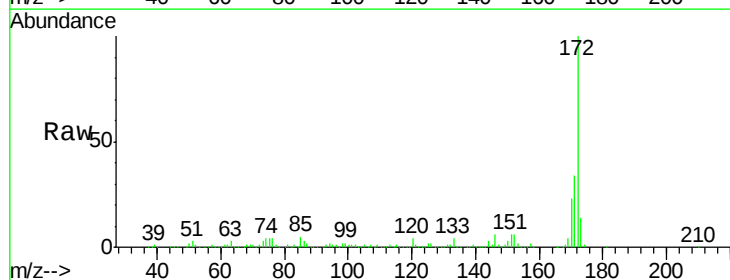


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

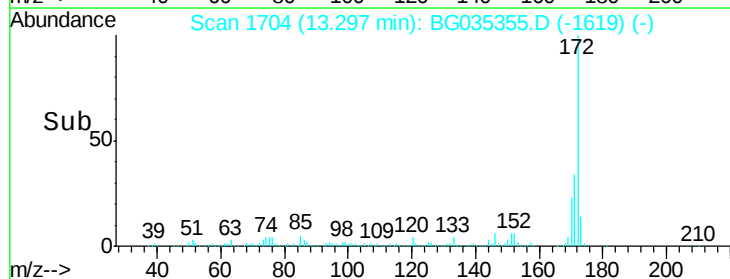
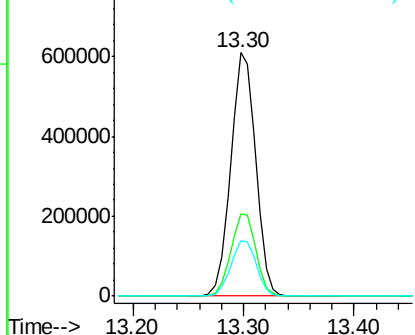


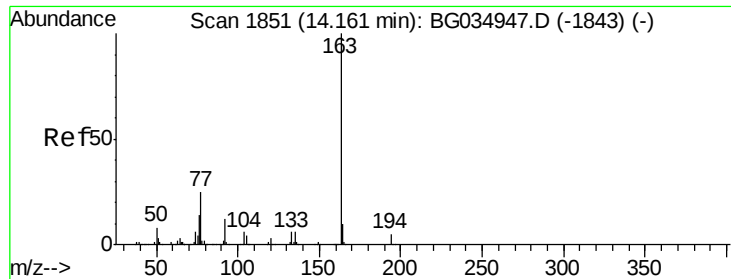
#44
 2-Fluorobiphenyl
 Concen: 110.126 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035355.D
 Acq: 23 Jun 2018 6:28

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



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 6.084 ng

RT: 14.12 min Scan# 1844

Delta R.T. -0.04 min

Lab File: BG035355.D

Acq: 23 Jun 2018 6:28

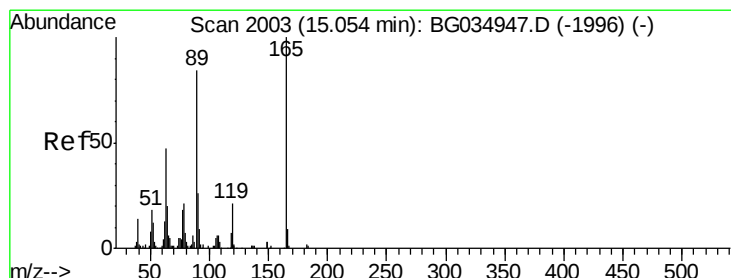
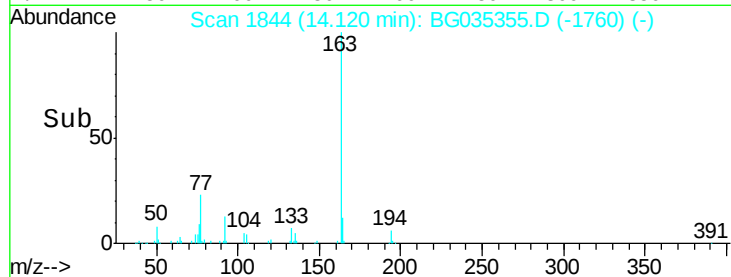
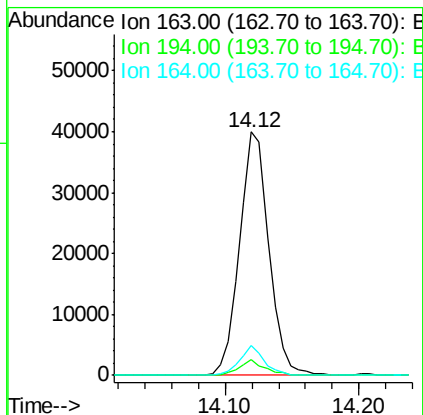
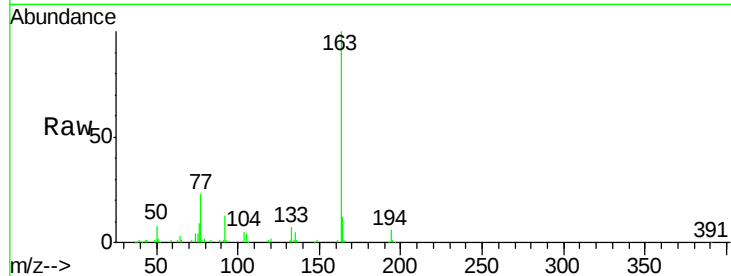
Instrument :

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Tgt Ion:	163	Resp:	60504
Ion	Ratio	Lower	Upper
163	100		
194	6.3	3.4	5.2#
164	12.2	8.2	12.4



#56

2,4-Dinitrotoluene

Concen: 6.986 ng

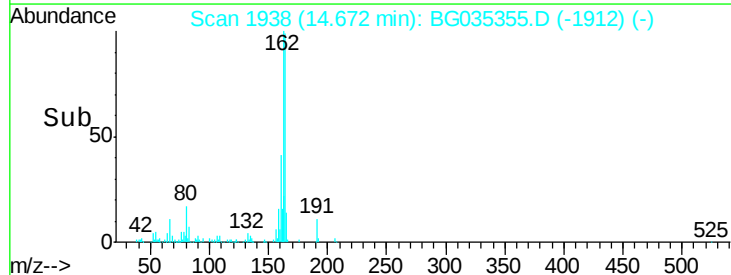
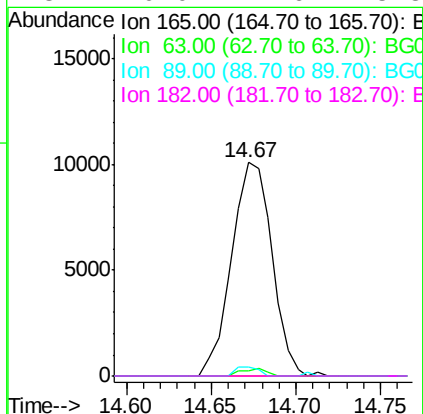
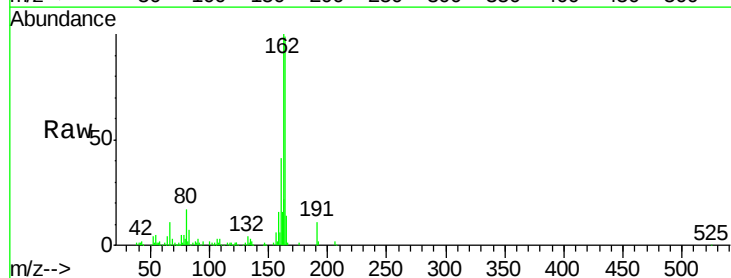
RT: 14.67 min Scan# 1938

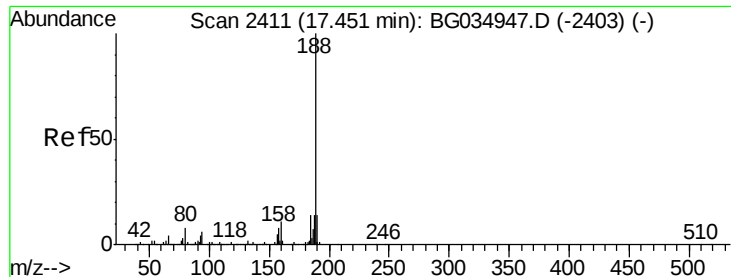
Delta R.T. -0.38 min

Lab File: BG035355.D

Acq: 23 Jun 2018 6:28

Tgt Ion:	165	Resp:	16838
Ion	Ratio	Lower	Upper
165	100		
63	2.5	42.0	63.0#
89	4.4	66.9	100.3#
182	0.0	2.6	3.8#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2405

Delta R.T. -0.02 min

Lab File: BG035355.D

Acq: 23 Jun 2018 6:28

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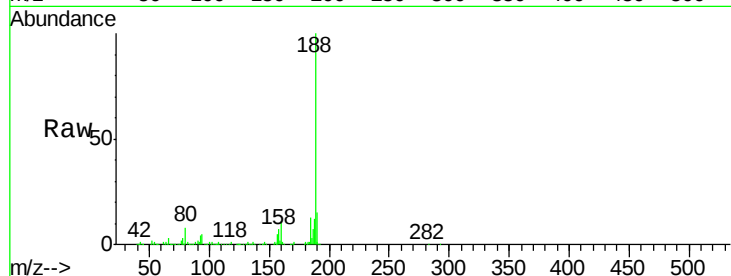
Tgt Ion:188 Resp: 315407

Ion Ratio Lower Upper

188 100

94 5.0 6.9 10.3#

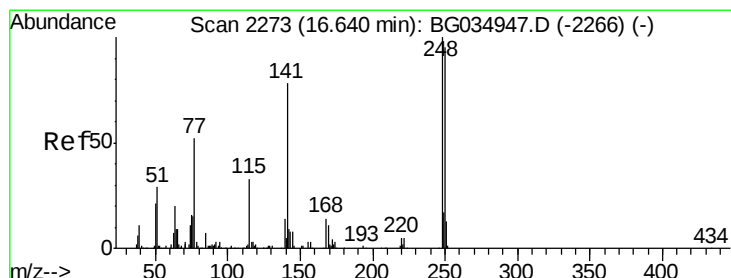
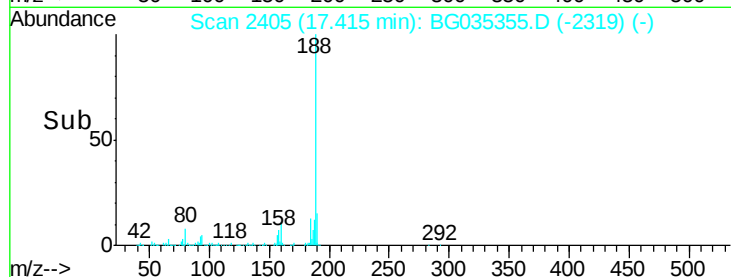
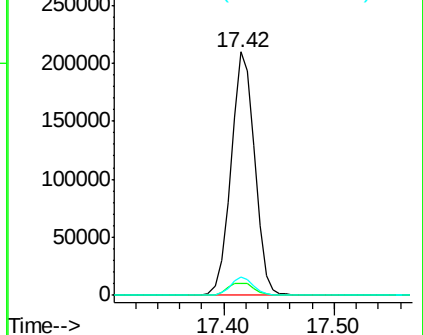
80 7.8 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#66

4-Bromophenyl-phenylether

Concen: 3.568 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.48 min

Lab File: BG035355.D

Acq: 23 Jun 2018 6:28

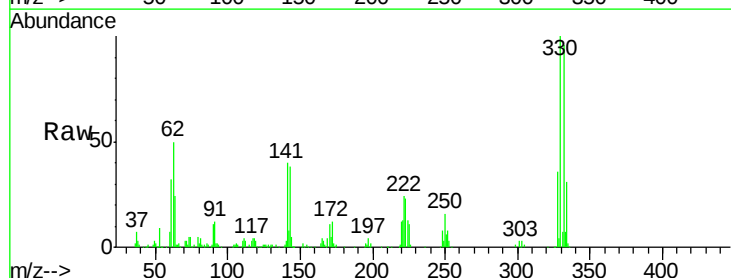
Tgt Ion:248 Resp: 13551

Ion Ratio Lower Upper

248 100

250 193.8 77.1 115.7#

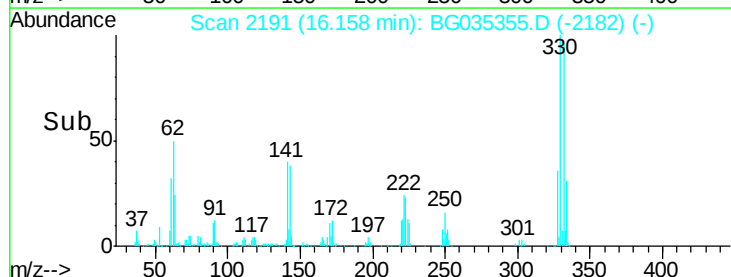
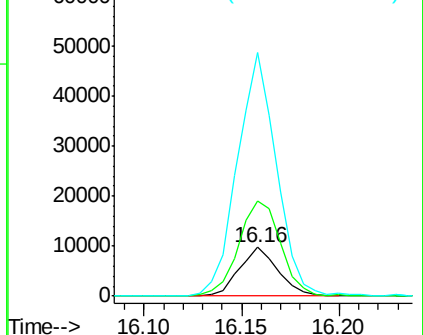
141 497.7 50.8 76.2#

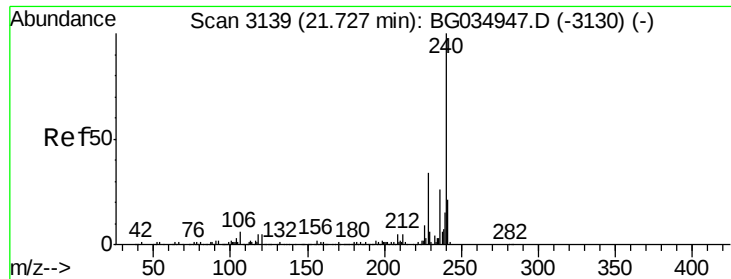


Abundance Ion 248.00 (247.70 to 248.70): E

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: 21.68 min Scan# 3131

Delta R.T. -0.04 min

Lab File: BG035355.D

Acq: 23 Jun 2018 6:28

Instrument :

BNA_G

ClientSampleId :

061818-DBRI-E-U-B

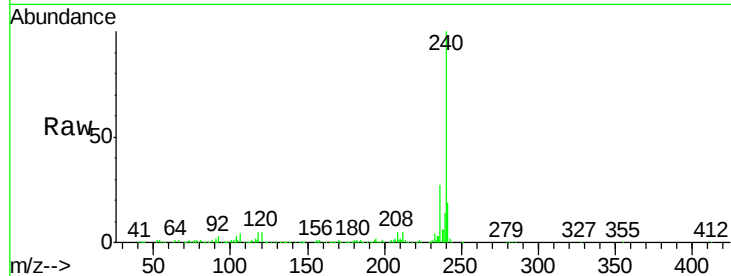
Tgt Ion:240 Resp: 345987

Ion Ratio Lower Upper

240 100

120 5.0 6.8 10.2#

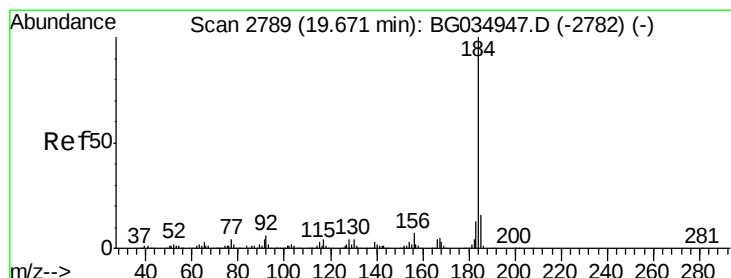
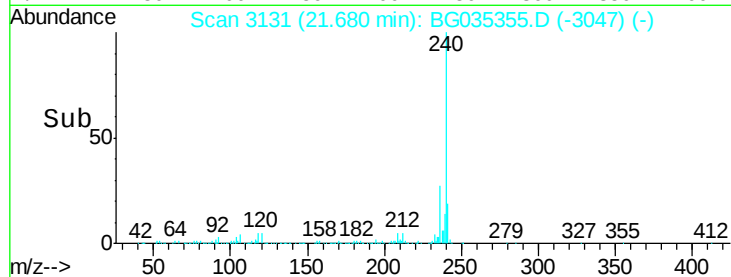
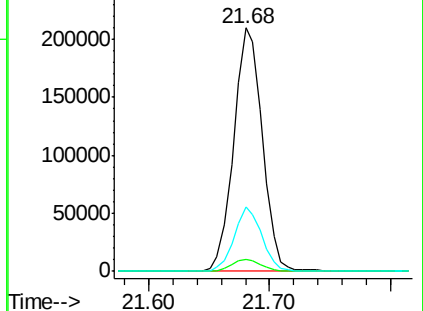
236 26.7 20.9 31.3



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: 2.150 ng

RT: 20.02 min Scan# 2849

Delta R.T. 0.36 min

Lab File: BG035355.D

Acq: 23 Jun 2018 6:28

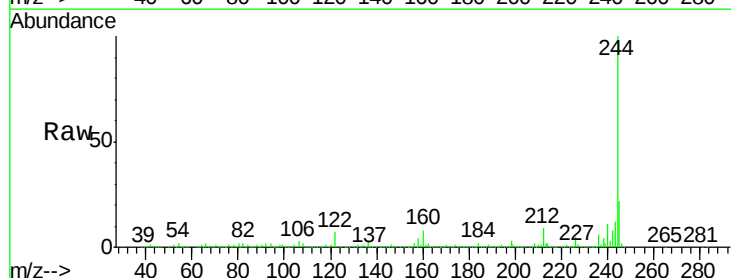
Tgt Ion:184 Resp: 27669

Ion Ratio Lower Upper

184 100

185 20.3 11.1 16.7#

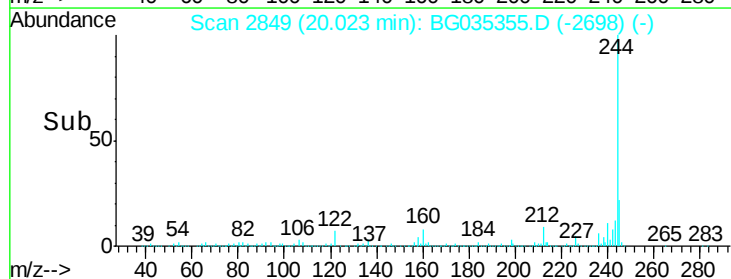
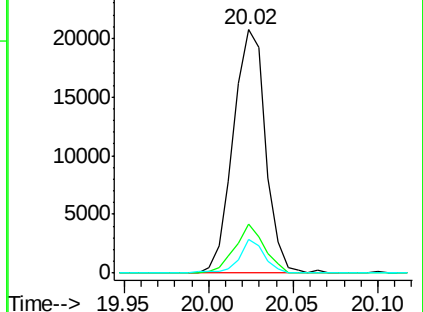
183 13.9 10.6 16.0

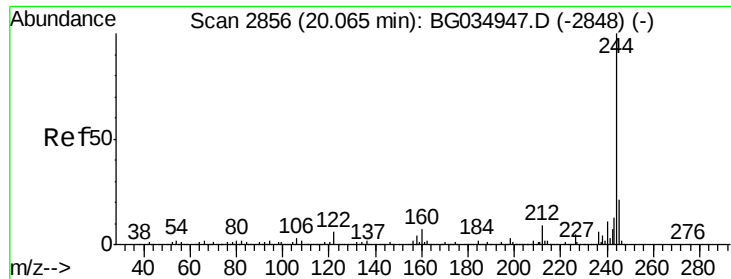


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 97.428 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035355.D

Acq: 23 Jun 2018 6:28

Instrument :

BNA_G

ClientSampleId :

061818-DBRI-E-U-B

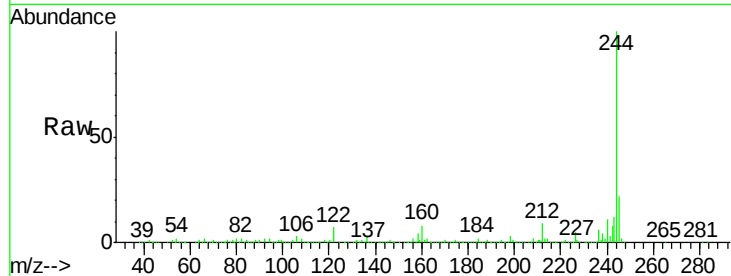
Tgt Ion:244 Resp: 1609260

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

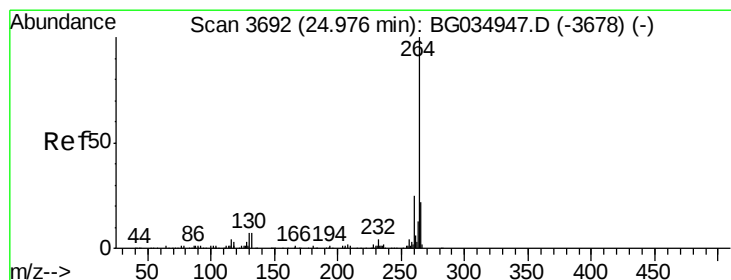
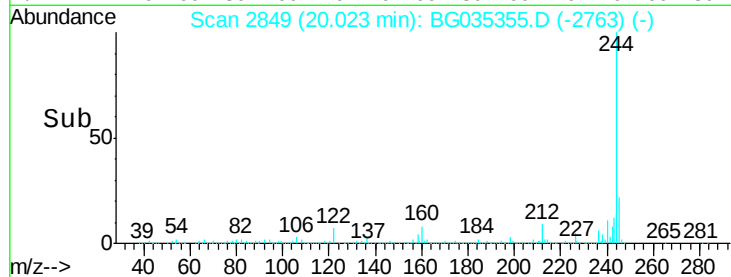
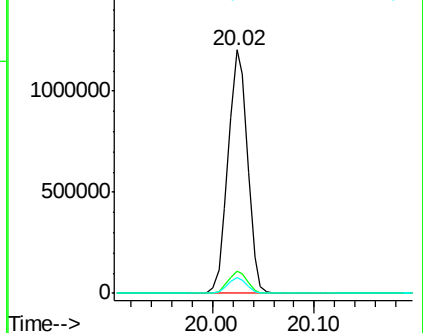
122 6.5 7.0 10.4#



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: 24.90 min Scan# 3679

Delta R.T. -0.05 min

Lab File: BG035355.D

Acq: 23 Jun 2018 6:28

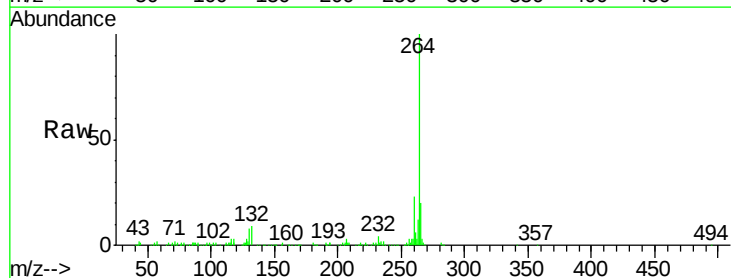
Tgt Ion:264 Resp: 338981

Ion Ratio Lower Upper

264 100

260 22.9 17.4 26.0

265 19.7 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

