

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062218\
 Data File : BG035364.D
 Acq On : 23 Jun 2018 12:15
 Operator : JU/SJ
 Sample : J3623-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 061918-DBRI-F-D-B

Quant Time: Jun 25 05:49:13 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

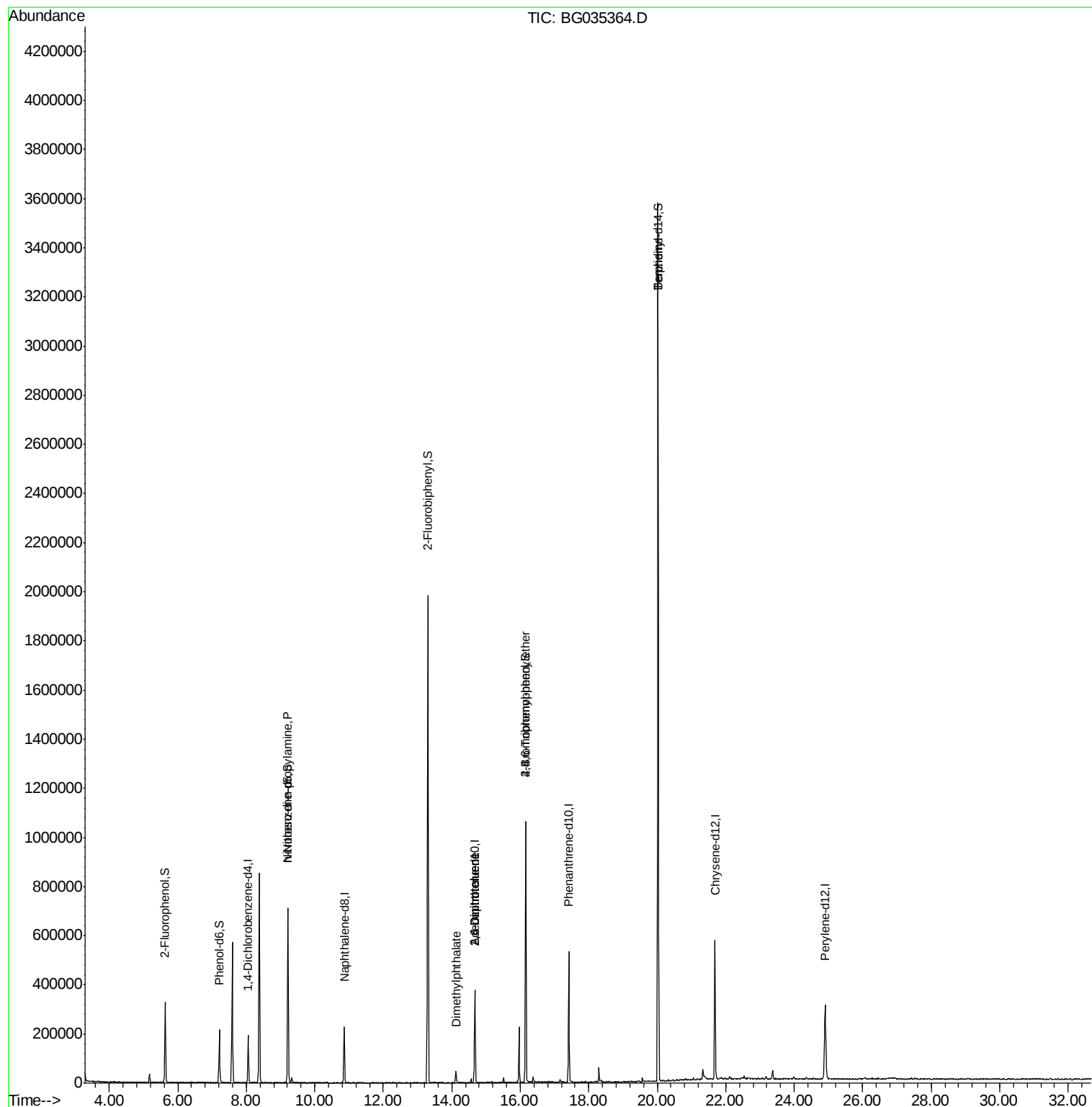
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	54985	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	193307	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	132648	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	338331	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	372971	20.00	ng	-0.04
86) Perylene-d12	24.90	264	357322	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	144849	44.46	ng	-0.01
7) Phenol-d6	7.21	99	131033	27.25	ng	-0.01
23) Nitrobenzene-d5	9.21	82	469964	115.56	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	195800	115.31	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	1087978	106.63	ng	-0.02
78) Terphenyl-d14	20.02	244	1735421	97.46	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	65636	16.066	ng	# 64
49) Dimethylphthalate	14.12	163	33713	2.915	ng	# 95
50) 2,6-Dinitrotoluene	14.67	165	17601	8.341	ng	# 20
56) 2,4-Dinitrotoluene	14.67	165	17601	6.279	ng	# 18
66) 4-Bromophenyl-phenylether	16.16	248	15098	3.706	ng	# 1
76) Benzidine	20.02	184	29245	2.108	ng	# 89

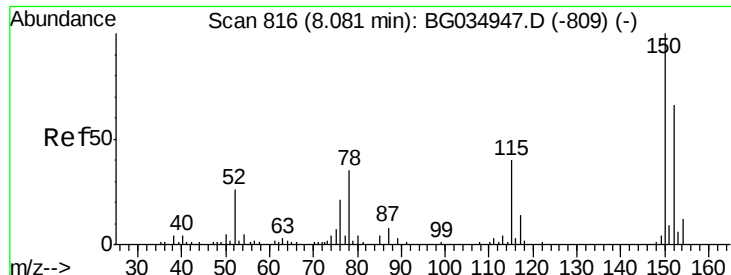
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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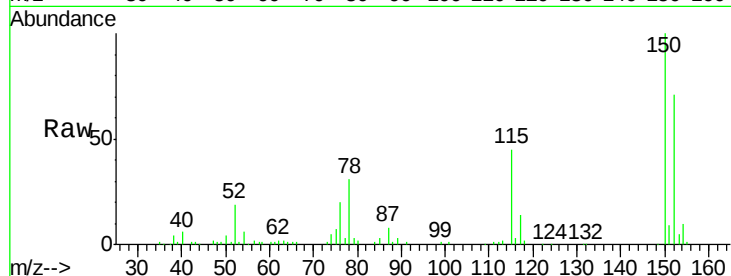


#1

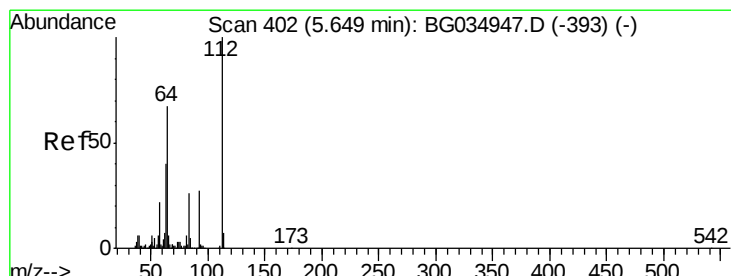
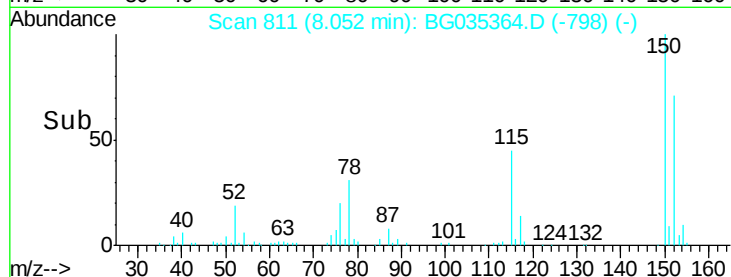
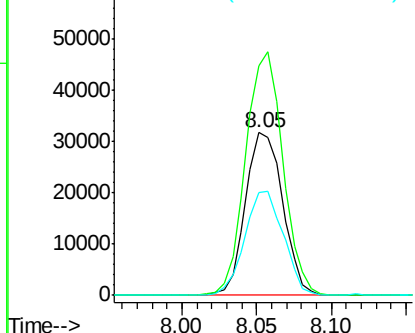
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035364.D
Acq: 23 Jun 2018 12:15

Instrument :
BNA_G
ClientSampleId :
061918-DBRI-F-D-B

Tgt Ion:152 Resp: 54985
Ion Ratio Lower Upper
152 100
150 140.6 126.6 189.8
115 62.9 53.0 79.4



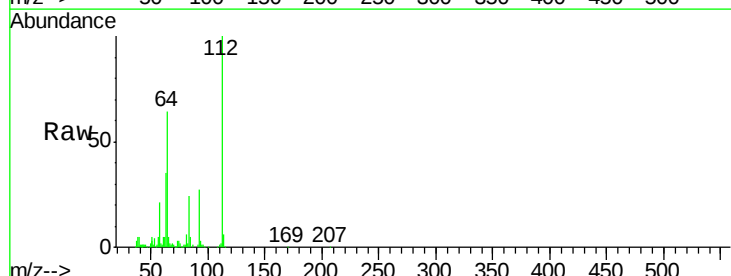
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



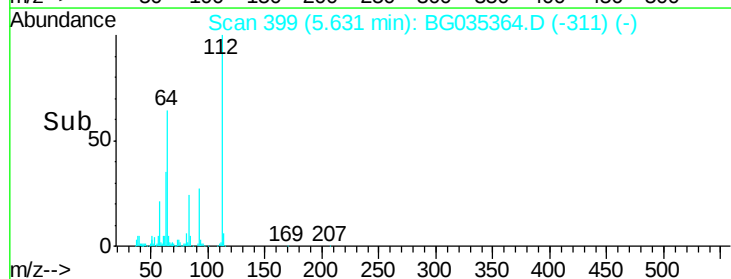
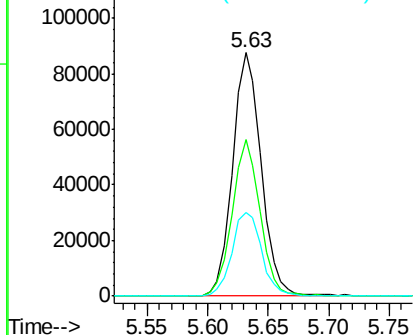
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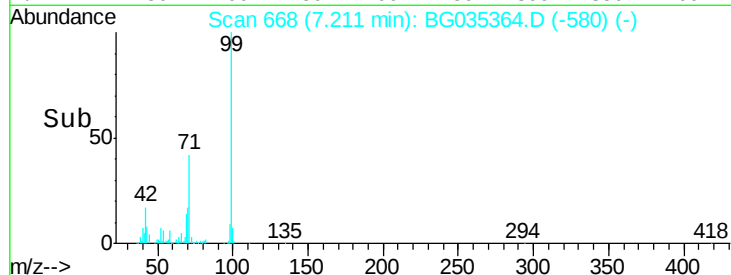
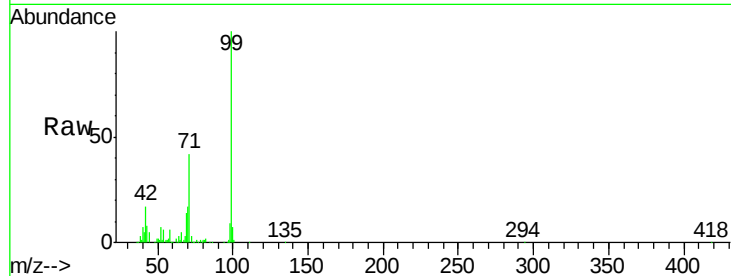
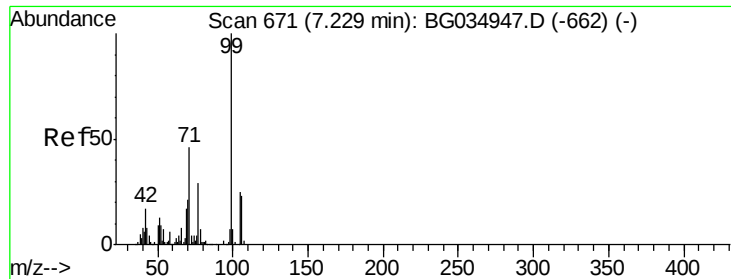
2-Fluorophenol
Concen: 44.457 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035364.D
Acq: 23 Jun 2018 12:15

Tgt Ion:112 Resp: 144849
Ion Ratio Lower Upper
112 100
64 64.3 56.3 84.5
63 34.5 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: 27.248 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035364.D

Acq: 23 Jun 2018 12:15

Instrument :

BNA_G

ClientSampleId :

061918-DBRI-F-D-B

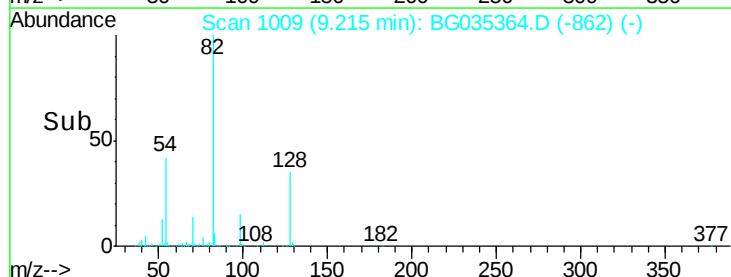
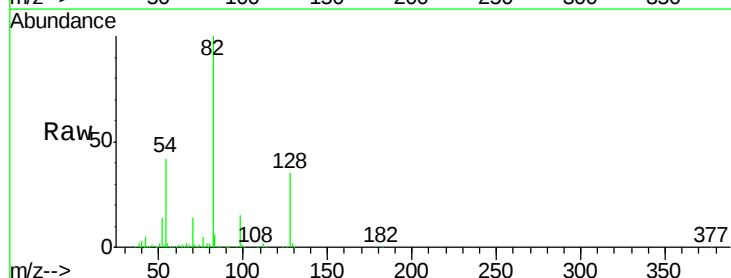
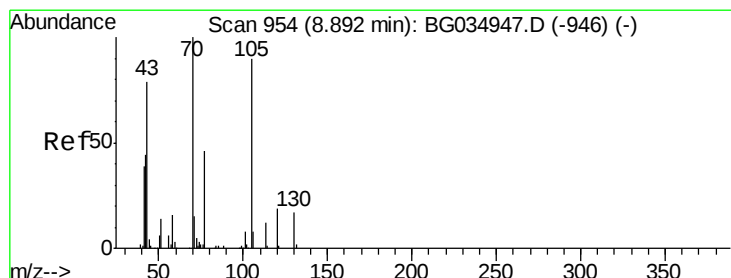
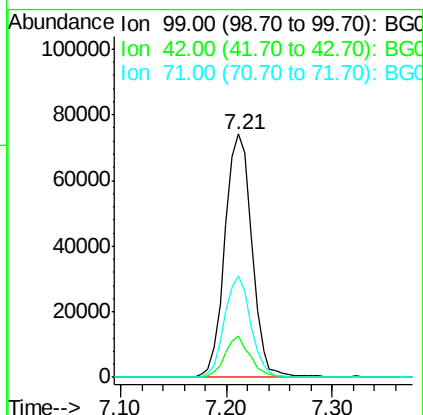
Tgt Ion: 99 Resp: 131033

Ion Ratio Lower Upper

99 100

42 17.1 14.1 21.1

71 41.6 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 16.066 ng

RT: 9.21 min Scan# 1009

Delta R.T. 0.33 min

Lab File: BG035364.D

Acq: 23 Jun 2018 12:15

Tgt Ion: 70 Resp: 65636

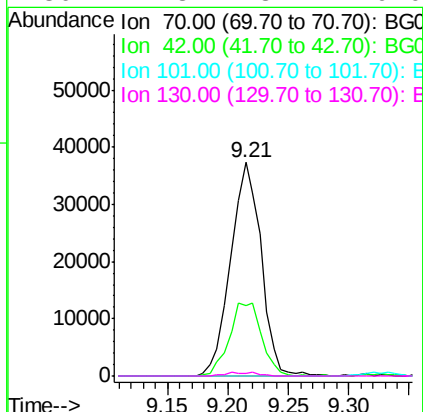
Ion Ratio Lower Upper

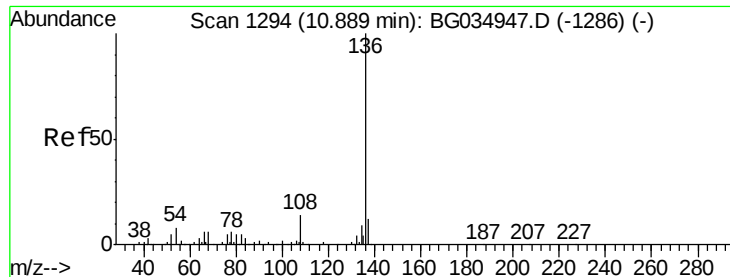
70 100

42 33.3 49.1 73.7#

101 0.0 8.5 12.7#

130 1.3 13.4 20.0#

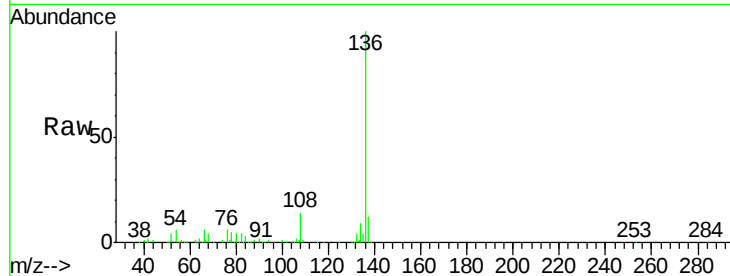




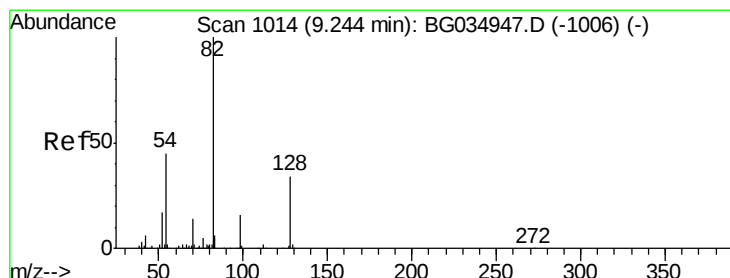
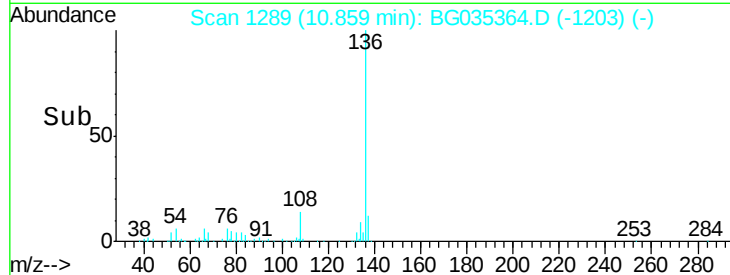
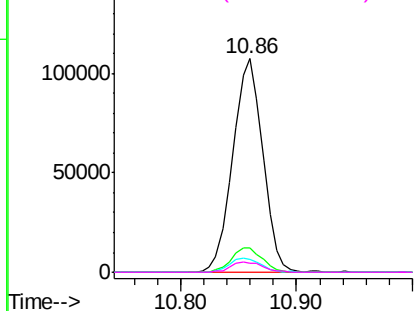
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BG035364.D
Acq: 23 Jun 2018 12:15

Instrument :
BNA_G
ClientSampleId :
061918-DBRI-F-D-B

Tgt Ion:	136	Resp:	193307
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	6.0	10.3	15.5#
68	4.2	4.5	6.7#

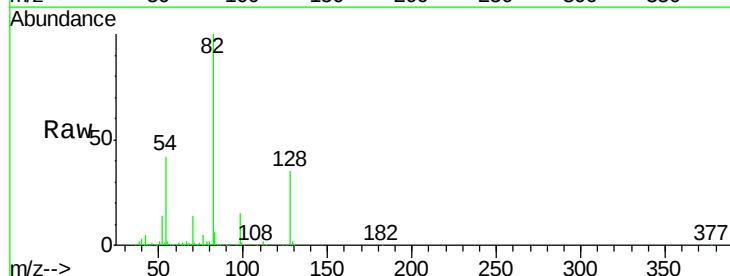


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

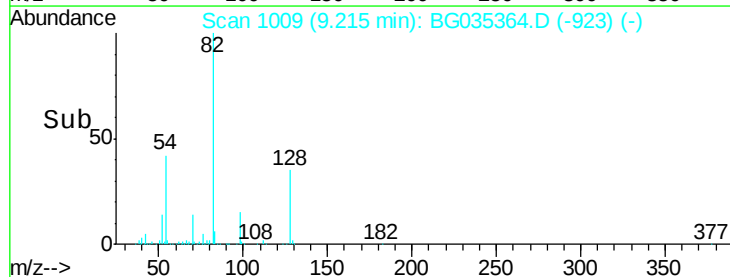
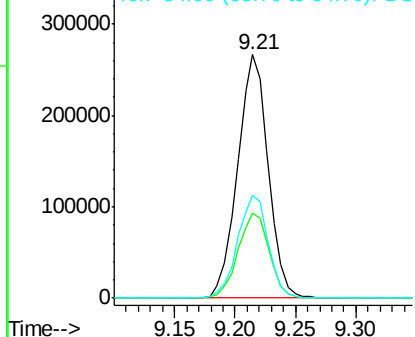


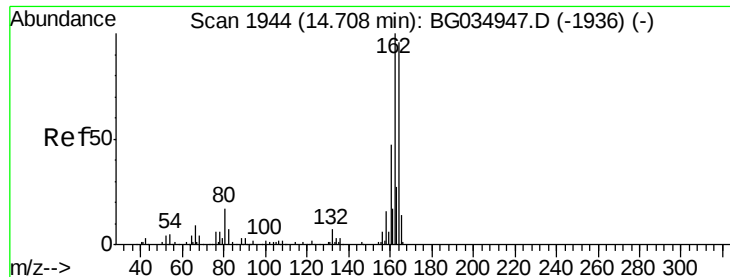
#23
Nitrobenzene-d5
Concen: 115.565 ng
RT: 9.21 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BG035364.D
Acq: 23 Jun 2018 12:15

Tgt Ion:	82	Resp:	469964
Ion	Ratio	Lower	Upper
82	100		
128	35.0	29.7	44.5
54	42.3	43.1	64.7#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1938

Delta R.T. -0.02 min

Lab File: BG035364.D

Acq: 23 Jun 2018 12:15

Instrument :

BNA_G

ClientSampleId :

061918-DBRI-F-D-B

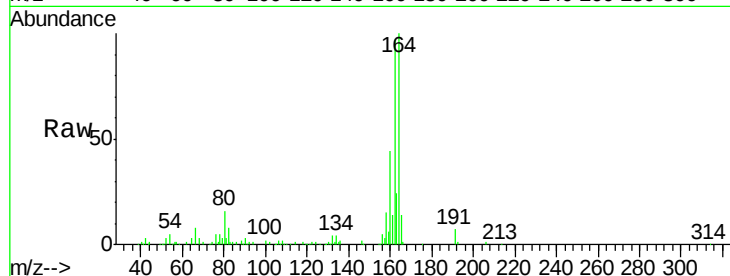
Tgt Ion:164 Resp: 132648

Ion Ratio Lower Upper

164 100

162 96.9 78.8 118.2

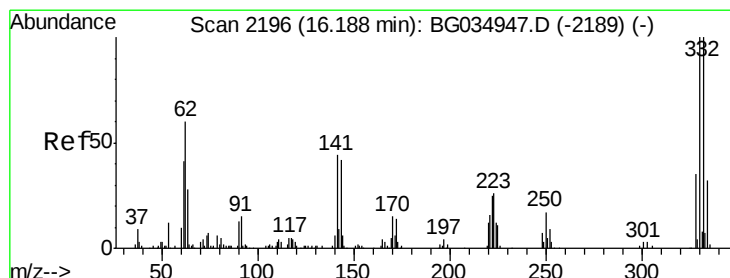
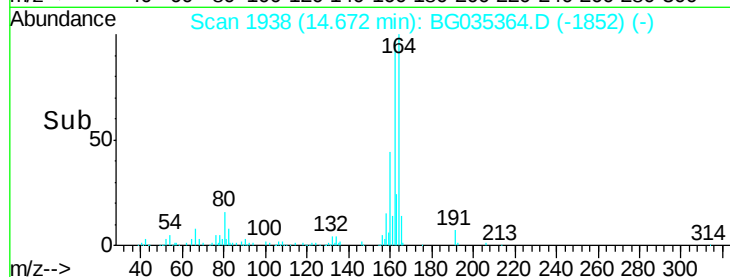
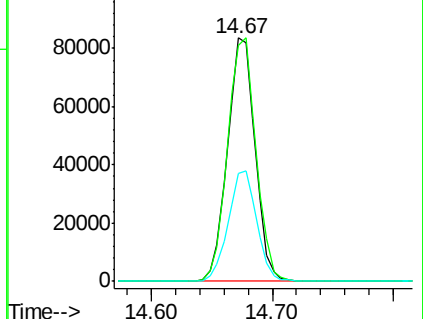
160 44.2 35.4 53.0



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: 115.308 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.02 min

Lab File: BG035364.D

Acq: 23 Jun 2018 12:15

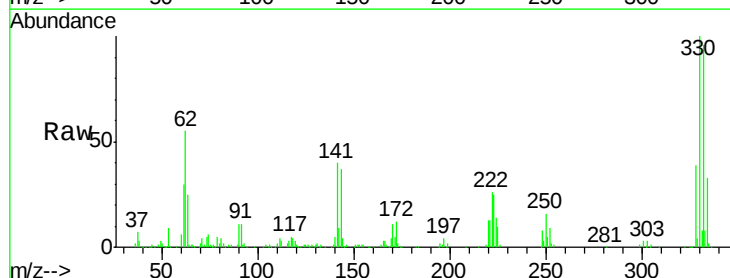
Tgt Ion:330 Resp: 195800

Ion Ratio Lower Upper

330 100

332 95.0 77.0 115.6

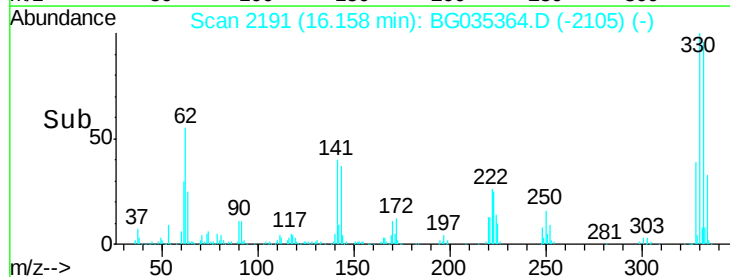
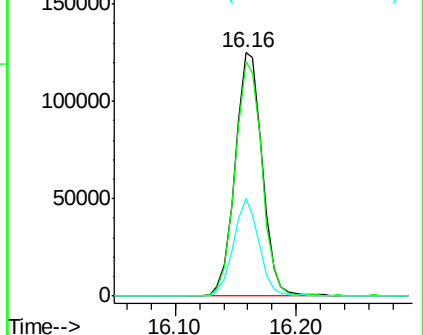
141 37.8 25.2 37.8

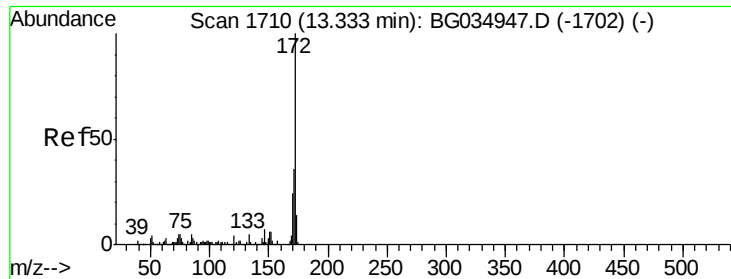


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

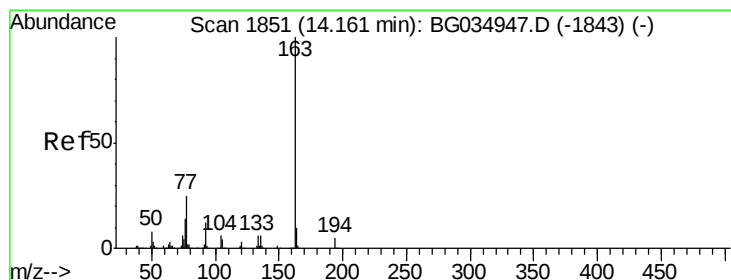
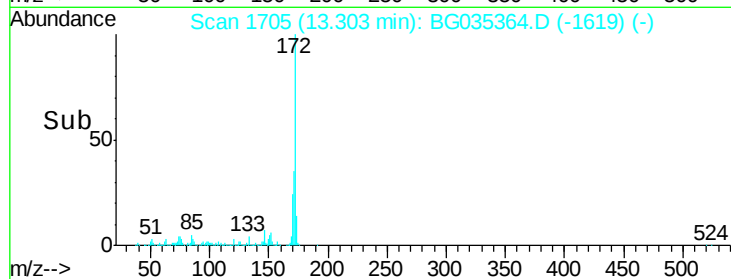
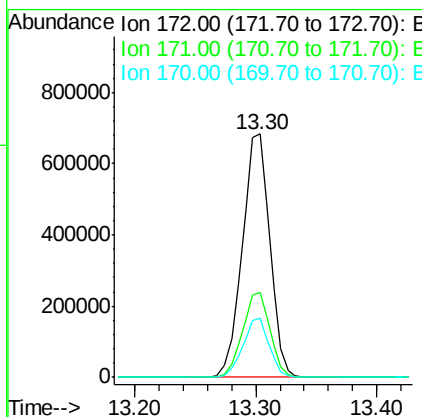
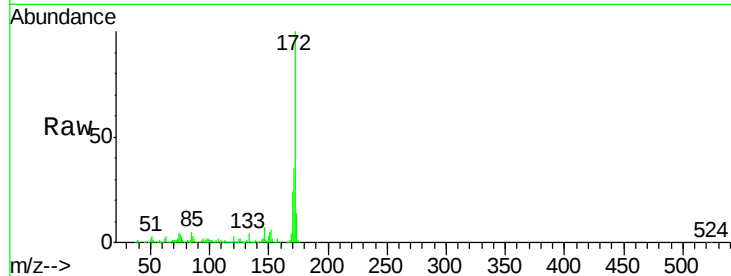




#44
2-Fluorobiphenyl
Concen: 106.626 ng
RT: 13.30 min Scan# 1705
Delta R.T. -0.02 min
Lab File: BG035364.D
Acq: 23 Jun 2018 12:15

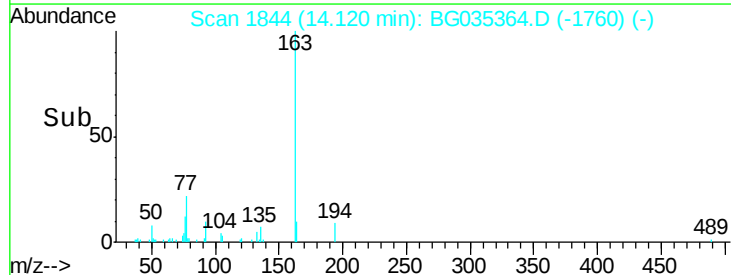
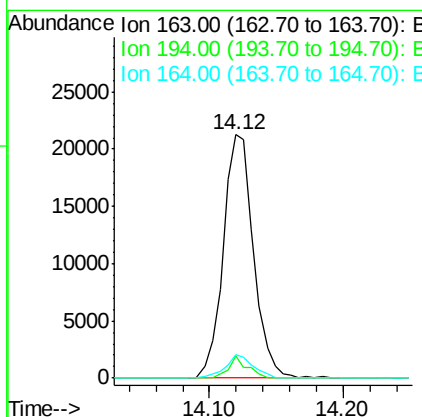
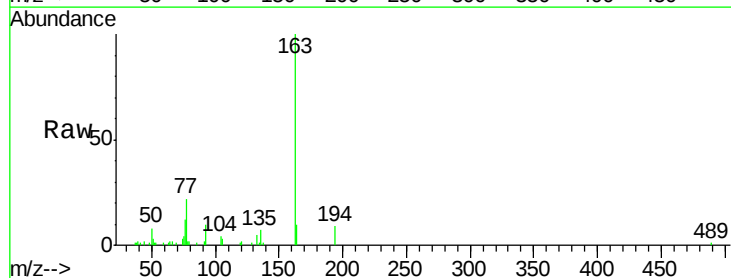
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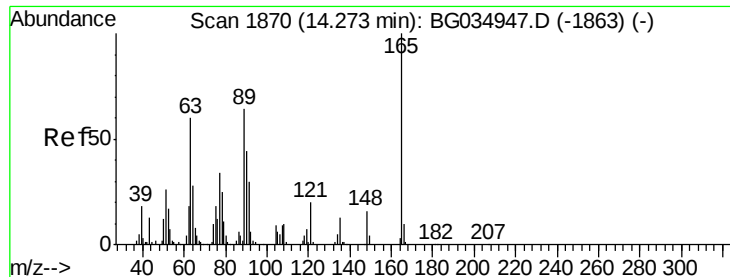
Tgt Ion:172 Resp: 1087978
Ion Ratio Lower Upper
172 100
171 34.9 30.0 45.0
170 24.4 19.5 29.3



#49
Dimethylphthalate
Concen: 2.915 ng
RT: 14.12 min Scan# 1844
Delta R.T. -0.04 min
Lab File: BG035364.D
Acq: 23 Jun 2018 12:15

Tgt Ion:163 Resp: 33713
Ion Ratio Lower Upper
163 100
194 9.3 3.4 5.2#
164 9.8 8.2 12.4





#50

2,6-Dinitrotoluene

Concen: 8.341 ng

RT: 14.67 min Scan# 1938

Delta R.T. 0.40 min

Lab File: BG035364.D

Acq: 23 Jun 2018 12:15

Instrument :

BNA_G

ClientSampleId :

061918-DBRI-F-D-B

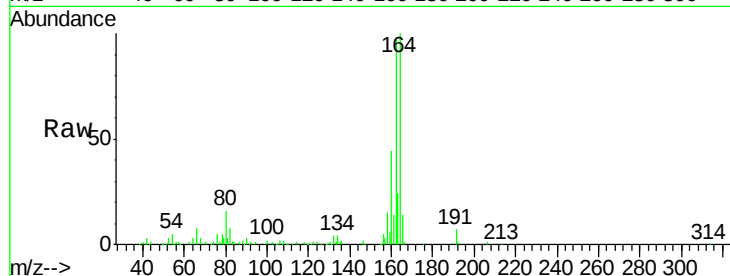
Tgt Ion:165 Resp: 17601

Ion Ratio Lower Upper

165 100

63 0.0 52.7 79.1#

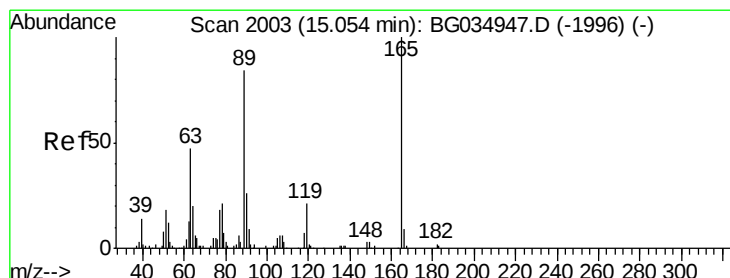
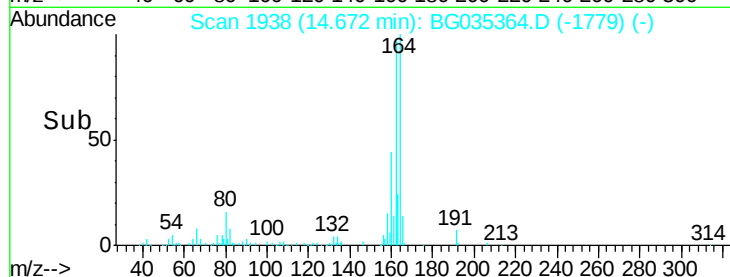
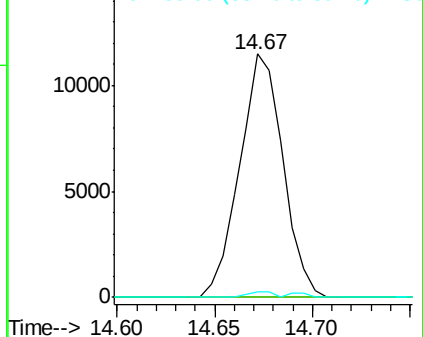
89 2.5 49.2 73.8#



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



#56

2,4-Dinitrotoluene

Concen: 6.279 ng

RT: 14.67 min Scan# 1938

Delta R.T. -0.38 min

Lab File: BG035364.D

Acq: 23 Jun 2018 12:15

Tgt Ion:165 Resp: 17601

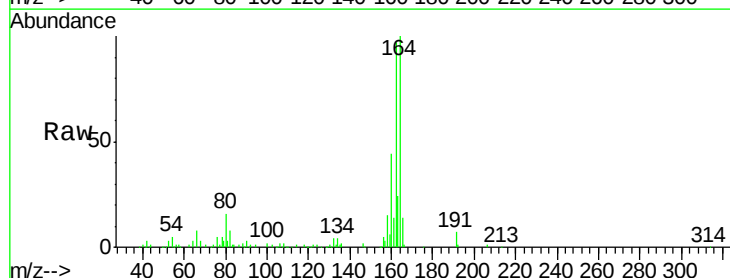
Ion Ratio Lower Upper

165 100

63 0.0 42.0 63.0#

89 2.5 66.9 100.3#

182 0.0 2.6 3.8#

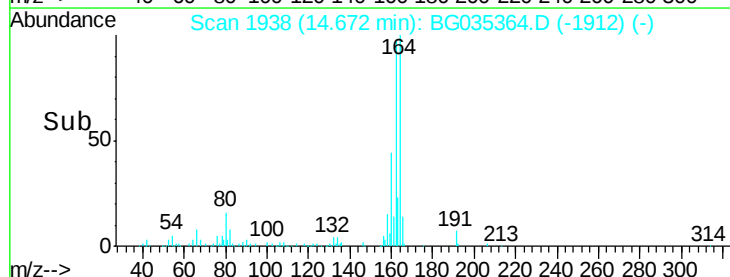
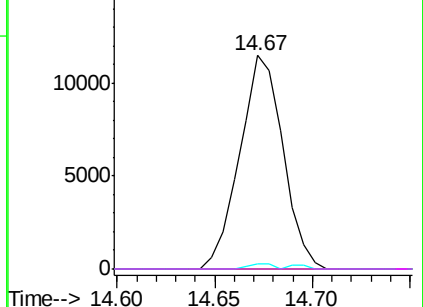


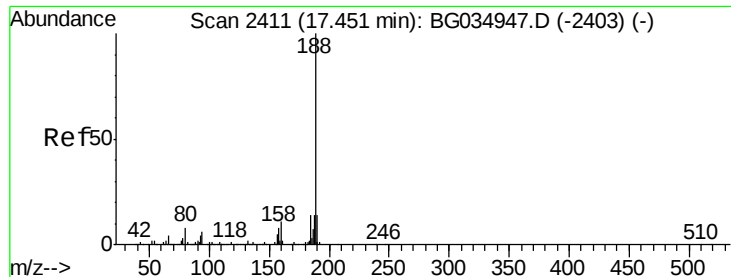
Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.42 min Scan# 2405

Delta R.T. -0.02 min

Lab File: BG035364.D

Acq: 23 Jun 2018 12:15

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BNA_G

ClientSampleId :

061918-DBRI-F-D-B

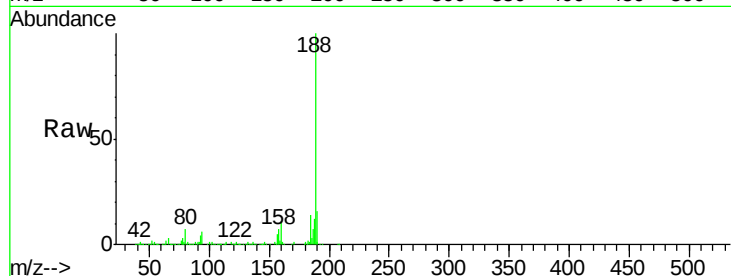
Tgt Ion:188 Resp: 338331

Ion Ratio Lower Upper

188 100

94 6.0 6.9 10.3#

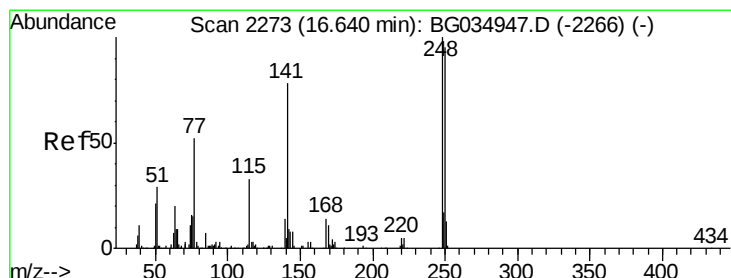
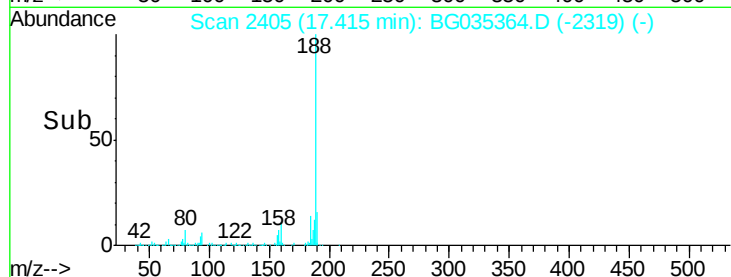
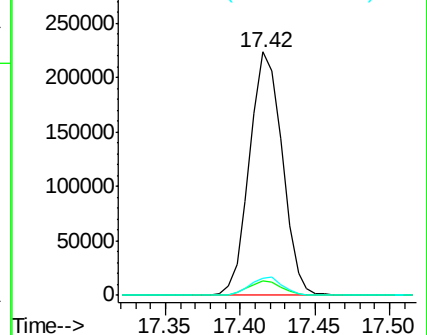
80 7.0 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#66

4-Bromophenyl-phenylether

Concen: 3.706 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.48 min

Lab File: BG035364.D

Acq: 23 Jun 2018 12:15

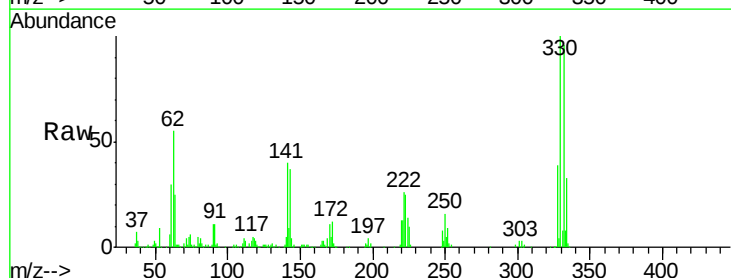
Tgt Ion:248 Resp: 15098

Ion Ratio Lower Upper

248 100

250 204.7 77.1 115.7#

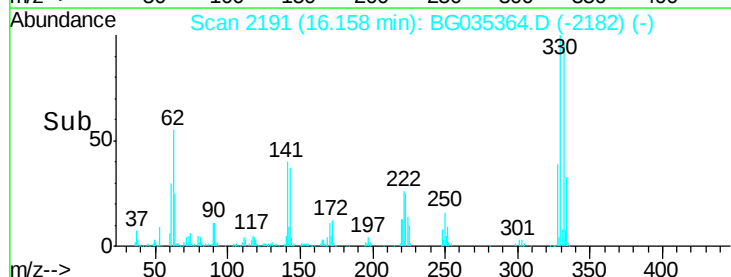
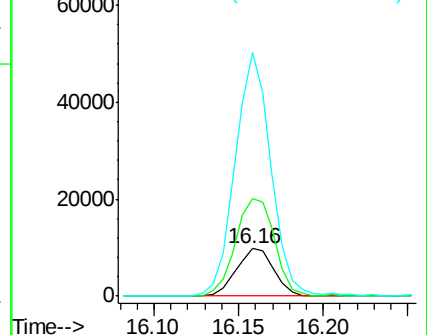
141 511.3 50.8 76.2#

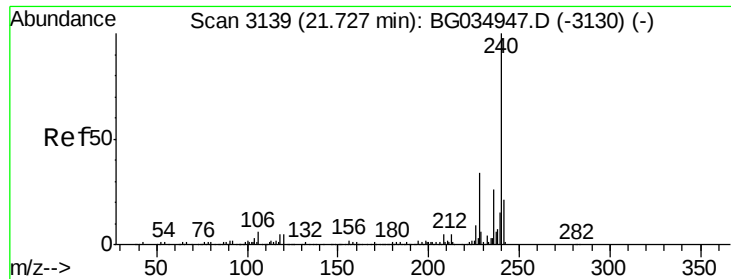


Abundance Ion 248.00 (247.70 to 248.70): E

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: BG035364.D

Acq: 23 Jun 2018 12:15

Instrument :

BNA_G

ClientSampleId :

061918-DBRI-F-D-B

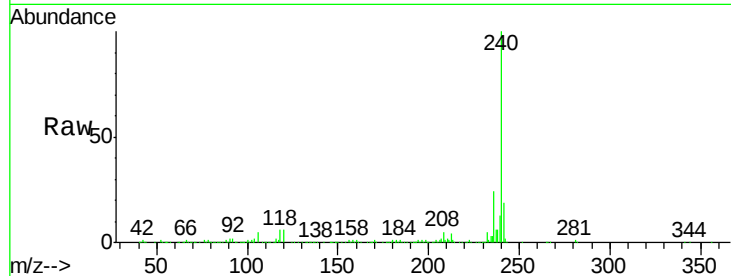
Tgt Ion:240 Resp: 372971

Ion Ratio Lower Upper

240 100

120 5.6 6.8 10.2#

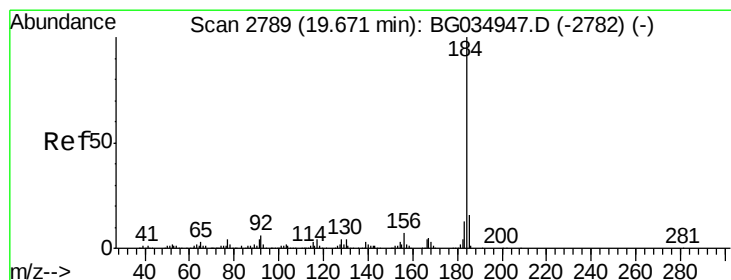
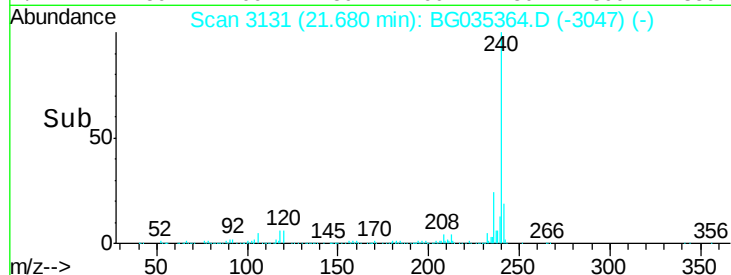
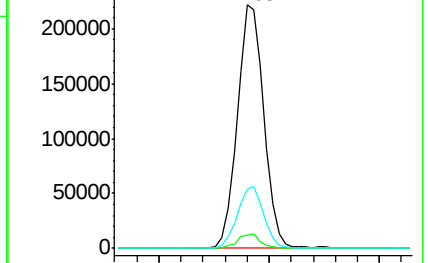
236 24.3 20.9 31.3



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: 2.108 ng

RT: 20.02 min Scan# 2849

Delta R.T. 0.36 min

Lab File: BG035364.D

Acq: 23 Jun 2018 12:15

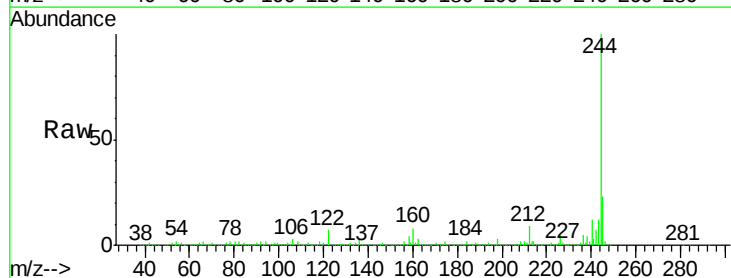
Tgt Ion:184 Resp: 29245

Ion Ratio Lower Upper

184 100

185 19.4 11.1 16.7#

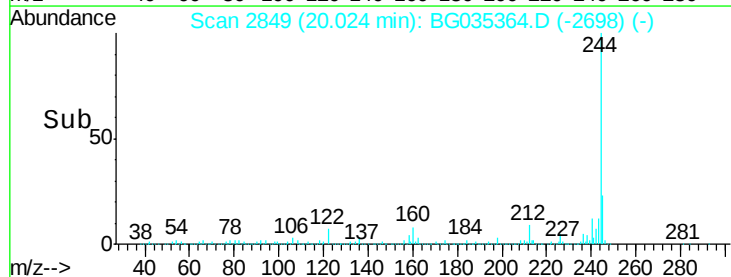
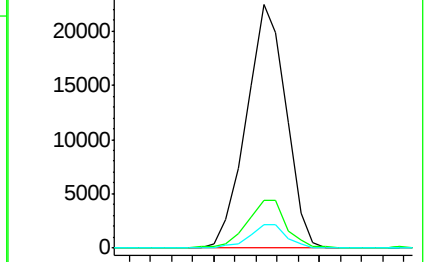
183 9.7 10.6 16.0#

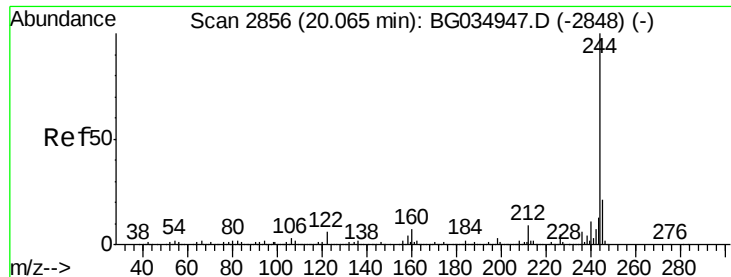


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

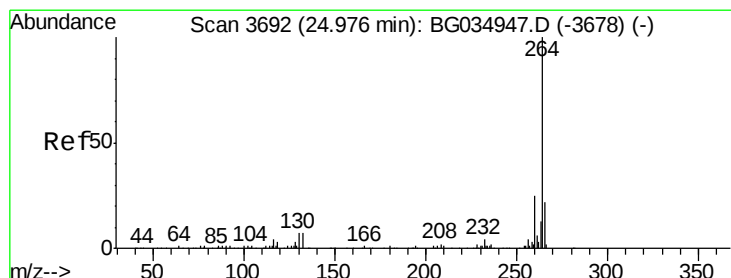
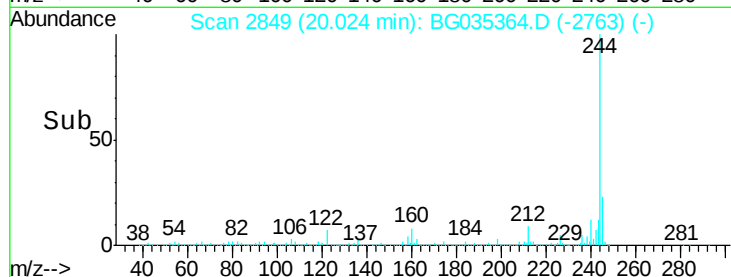
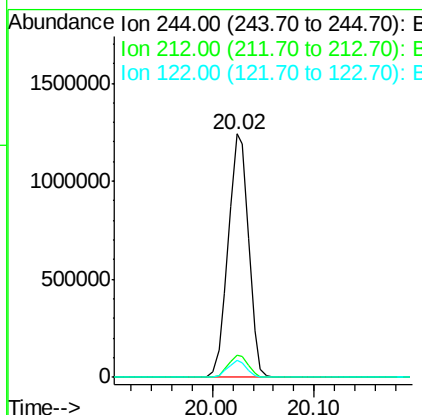
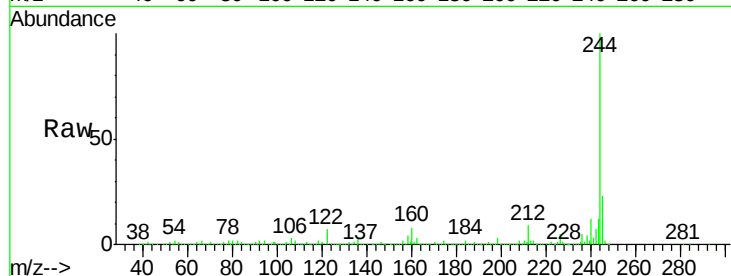




#78
 Terphenyl-d14
 Concen: 97.464 ng
 RT: 20.02 min Scan# 2849
 Delta R.T. -0.02 min
 Lab File: BG035364.D
 Acq: 23 Jun 2018 12:15

Instrument :
 BNA_G
 ClientSampleId :
 061918-DBRI-F-D-B

Tgt Ion:244 Resp: 1735421
 Ion Ratio Lower Upper
 244 100
 212 9.0 5.8 8.8#
 122 7.2 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.90 min Scan# 3679
 Delta R.T. -0.05 min
 Lab File: BG035364.D
 Acq: 23 Jun 2018 12:15

Tgt Ion:264 Resp: 357322
 Ion Ratio Lower Upper
 264 100
 260 22.4 17.4 26.0
 265 22.1 17.7 26.5

