

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062218\
 Data File : BG035367.D
 Acq On : 23 Jun 2018 14:11
 Operator : JU/SJ
 Sample : J3623-06
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

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

Quant Time: Jun 25 05:49:46 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

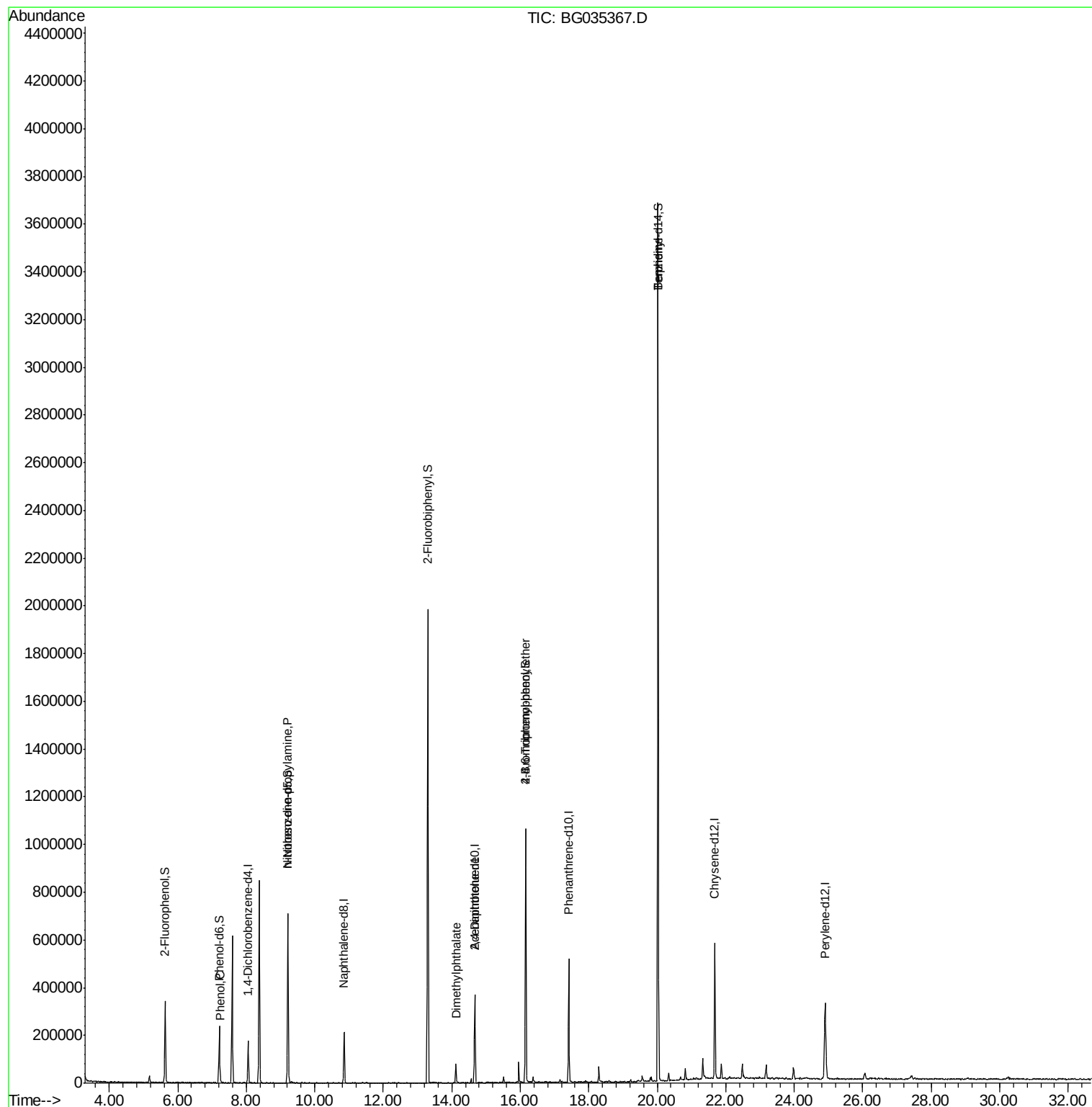
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	53900	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	178515	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	124727	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	320875	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	359895	20.00	ng	-0.04
86) Perylene-d12	24.90	264	350568	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	151173	47.33	ng	-0.01
7) Phenol-d6	7.21	99	151454	32.13	ng	-0.01
23) Nitrobenzene-d5	9.22	82	461862	122.98	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	194656	121.91	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	1057028	110.17	ng	-0.03
78) Terphenyl-d14	20.02	244	1739099	101.22	ng	-0.02
Target Compounds						
10) Phenol	7.24	94	14139	2.898	ng	91
19) n-Nitroso-di-n-propylamine	9.22	70	62724	15.662	ng	# 68
49) Dimethylphthalate	14.12	163	50958	4.685	ng	96
56) 2,4-Dinitrotoluene	14.68	165	16761	6.359	ng	# 17
66) 4-Bromophenyl-phenylether	16.16	248	15514	4.015	ng	# 1
76) Benzidine	20.02	184	28948	2.162	ng	# 93

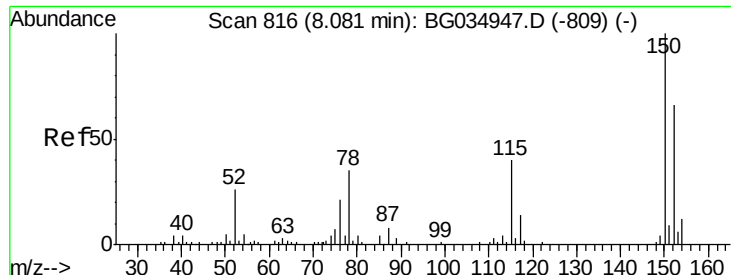
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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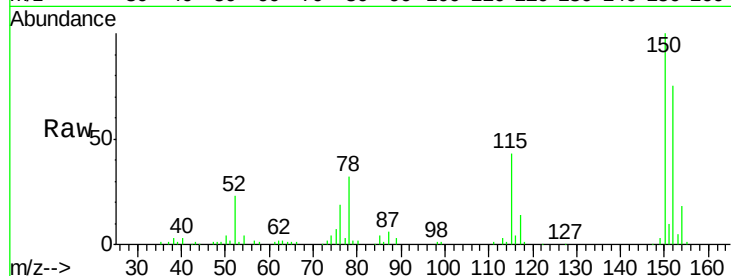


#1

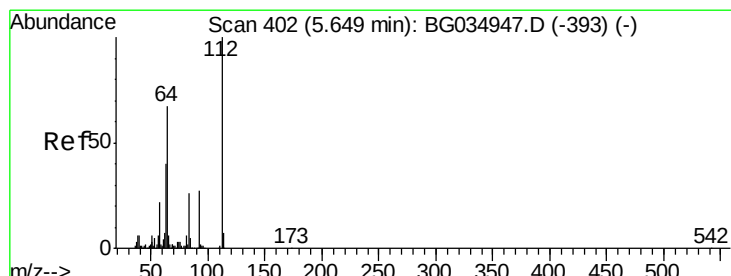
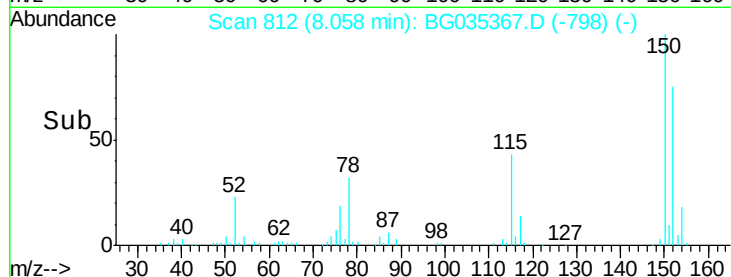
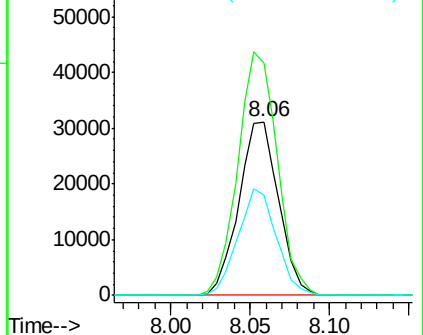
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035367.D
Acq: 23 Jun 2018 14:11

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

Tgt Ion:152 Resp: 53900
Ion Ratio Lower Upper
152 100
150 134.2 126.6 189.8
115 58.2 53.0 79.4



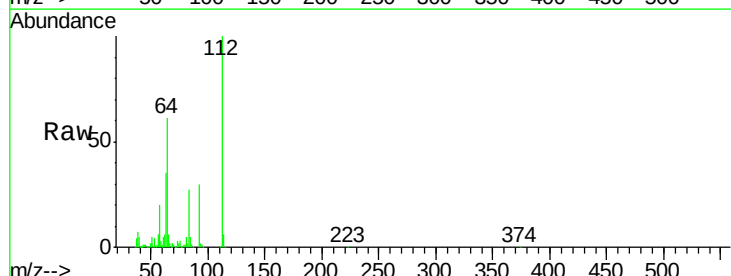
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



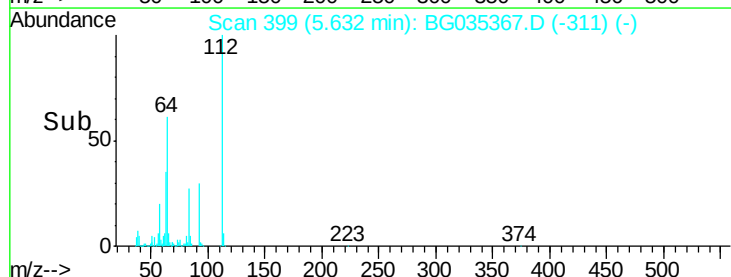
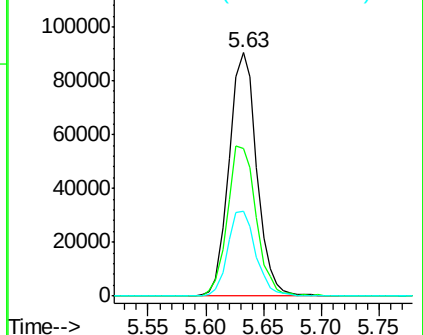
#5

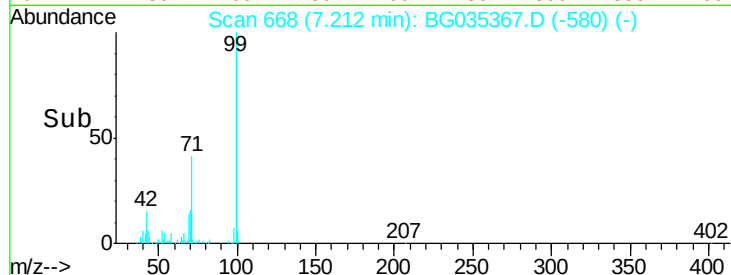
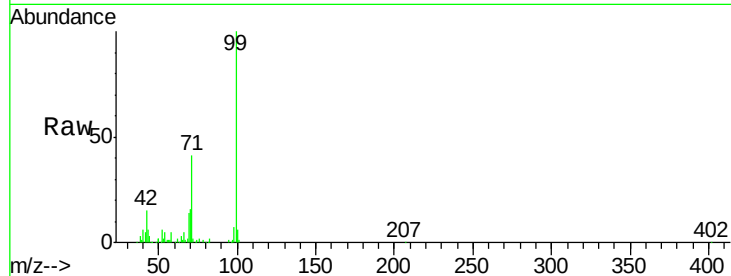
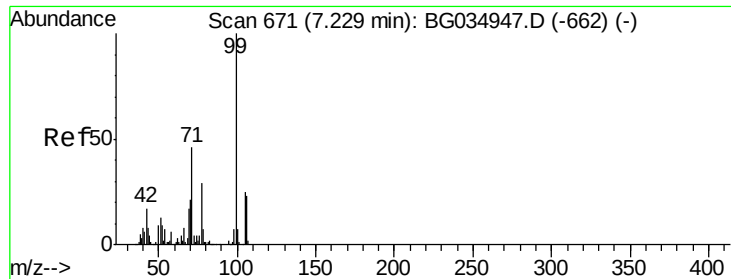
2-Fluorophenol
Concen: 47.332 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035367.D
Acq: 23 Jun 2018 14:11

Tgt Ion:112 Resp: 151173
Ion Ratio Lower Upper
112 100
64 60.8 56.3 84.5
63 34.9 30.1 45.1



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





#7

Phenol-d6

Concen: 32.129 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035367.D

Acq: 23 Jun 2018 14:11

Instrument :

BNA_G

ClientSampleId :

061918-DBRI-F-U-B

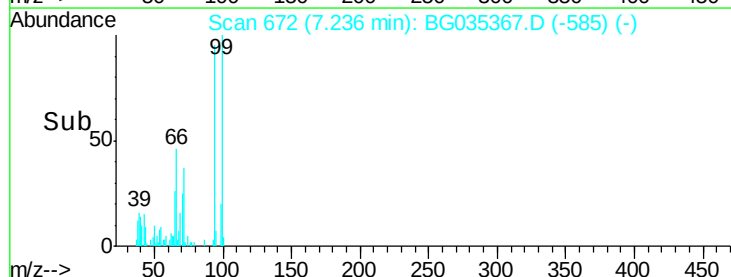
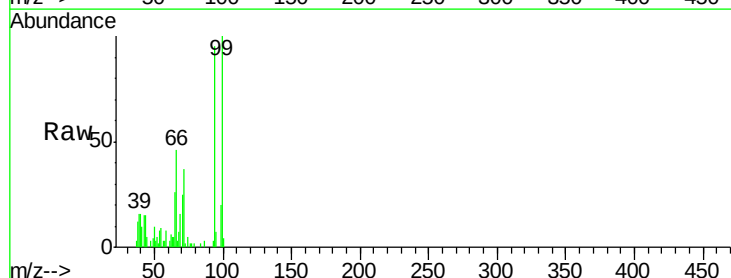
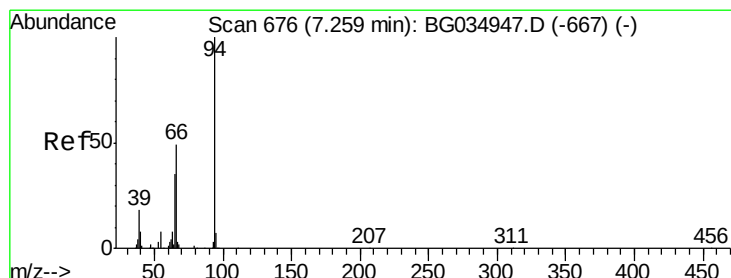
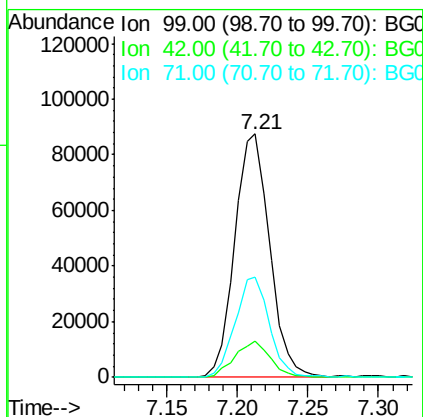
Tgt Ion: 99 Resp: 151454

Ion Ratio Lower Upper

99 100

42 14.9 14.1 21.1

71 41.2 26.1 39.1#



#10

Phenol

Concen: 2.898 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.02 min

Lab File: BG035367.D

Acq: 23 Jun 2018 14:11

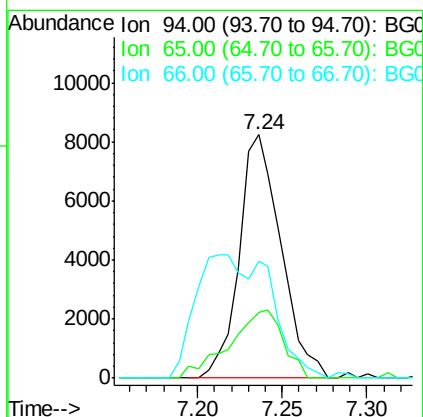
Tgt Ion: 94 Resp: 14139

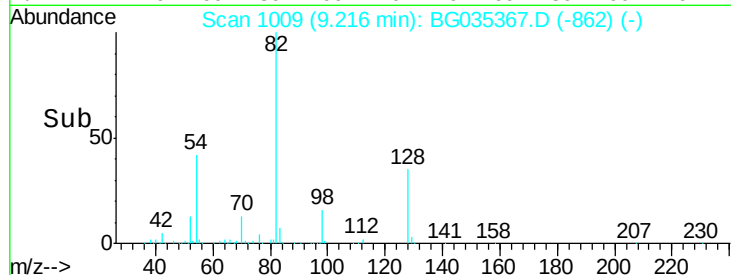
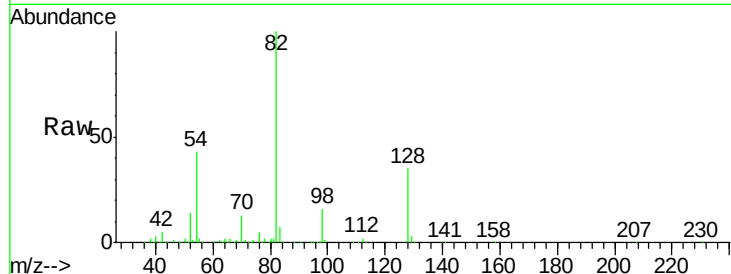
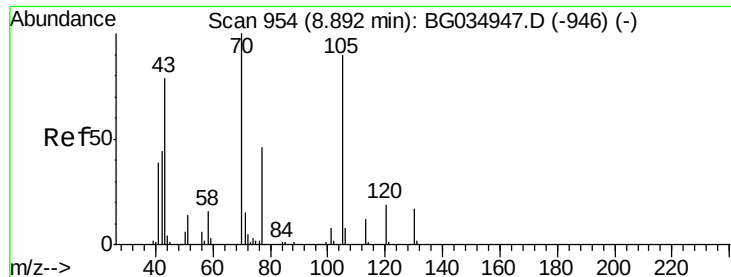
Ion Ratio Lower Upper

94 100

65 26.9 11.9 51.9

66 48.1 22.2 62.2

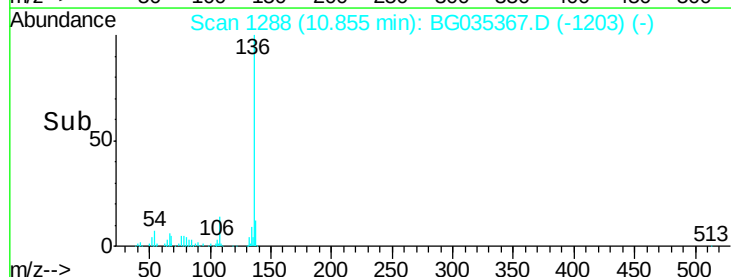
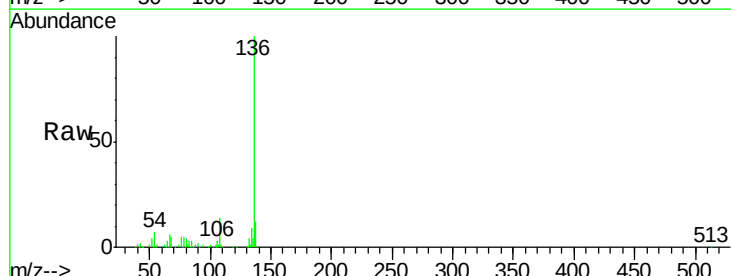
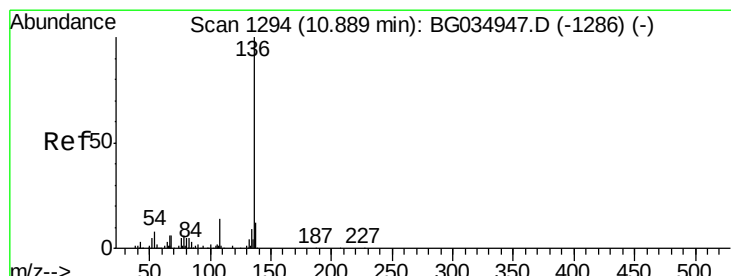
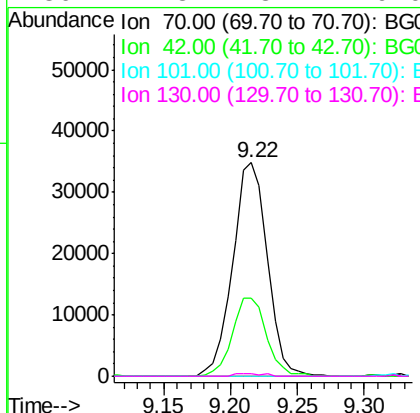




#19
n-Nitroso-di-n-propylamine
Concen: 15.662 ng
RT: 9.22 min Scan# 1009
Delta R.T. 0.33 min
Lab File: BG035367.D
Acq: 23 Jun 2018 14:11

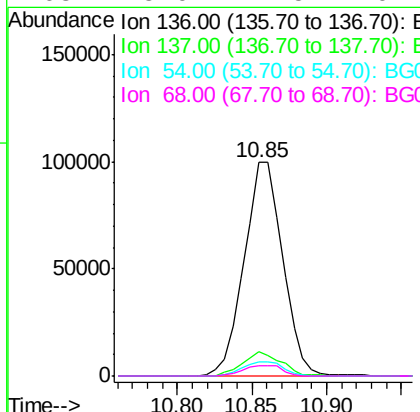
Instrument :
BNA_G
ClientSampleId :
061918-DBRI-F-U-B

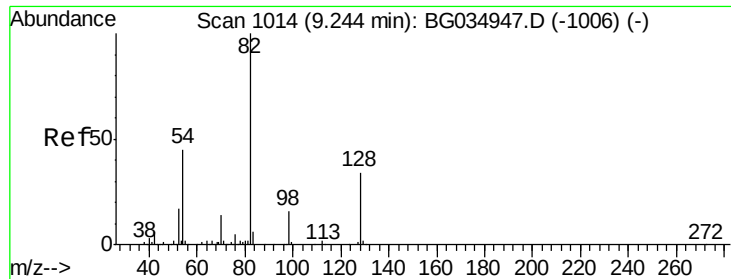
Tgt Ion: 70 Resp: 62724
Ion Ratio Lower Upper
70 100
42 36.7 49.1 73.7#
101 0.0 8.5 12.7#
130 1.3 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BG035367.D
Acq: 23 Jun 2018 14:11

Tgt Ion: 136 Resp: 178515
Ion Ratio Lower Upper
136 100
137 11.5 9.2 13.8
54 6.7 10.3 15.5#
68 5.0 4.5 6.7

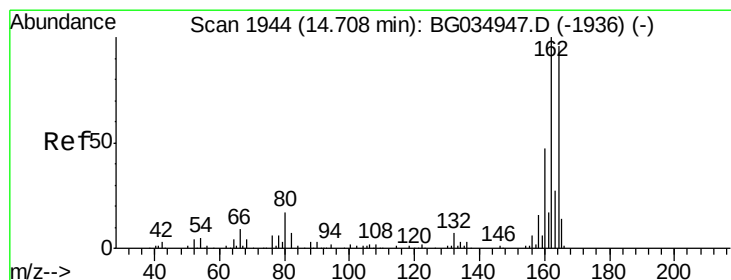
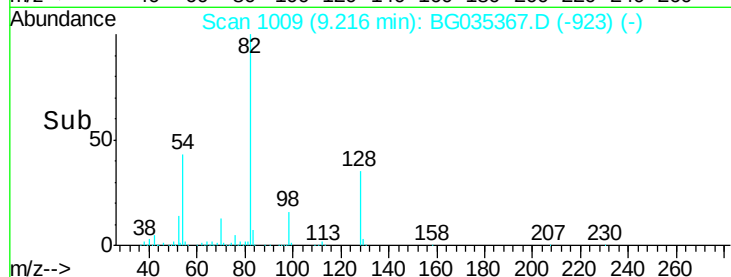
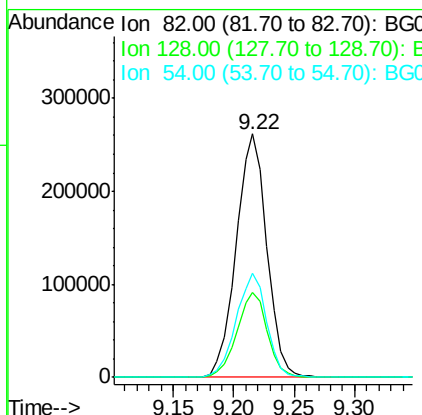
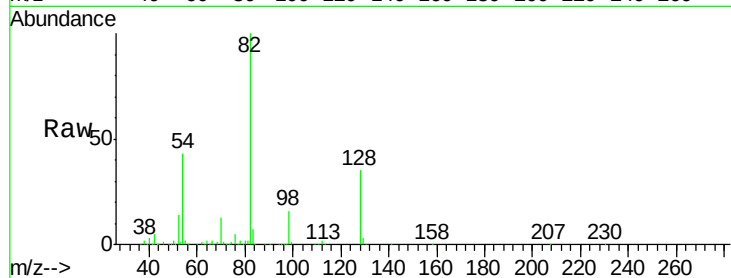




#23
Nitrobenzene-d5
Concen: 122.983 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BG035367.D
Acq: 23 Jun 2018 14:11

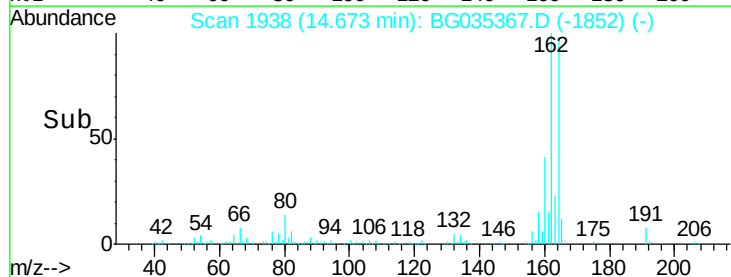
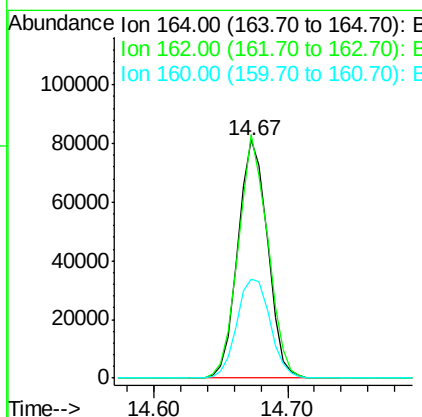
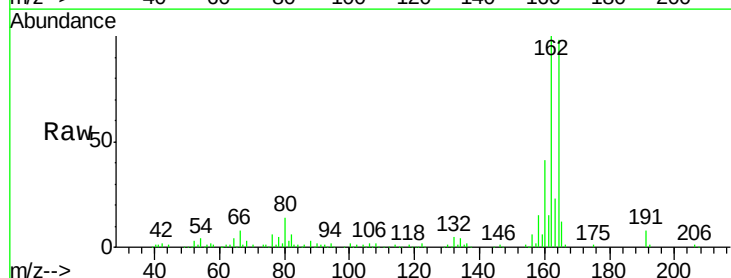
Instrument :
BNA_G
ClientSampleId :
061918-DBRI-F-U-B

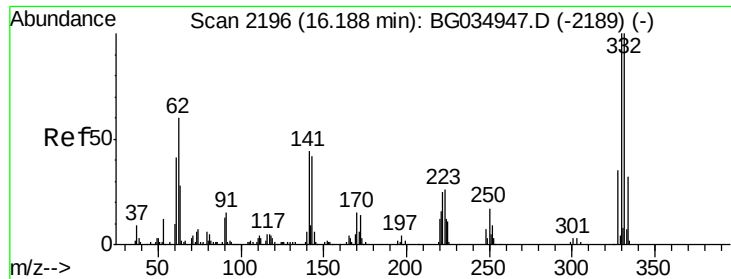
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.0	29.7	44.5
54	42.5	43.1	64.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.02 min
Lab File: BG035367.D
Acq: 23 Jun 2018 14:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	78.8	118.2
160	41.7	35.4	53.0

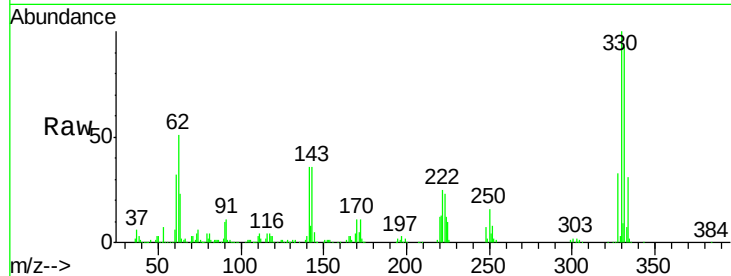




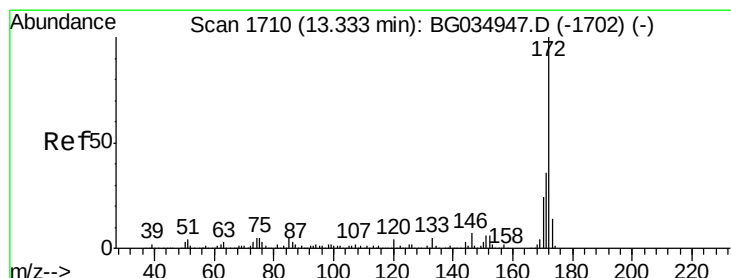
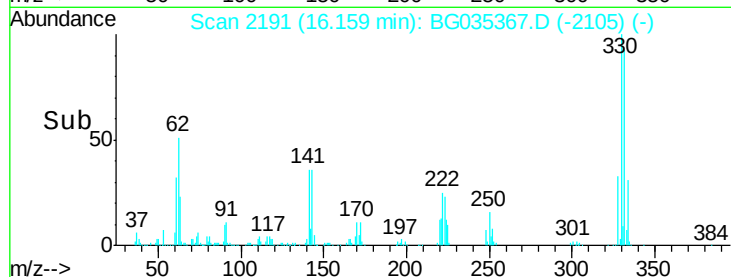
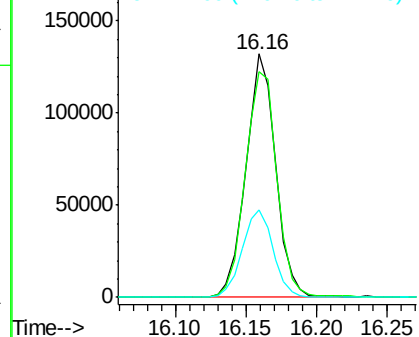
#41
 2,4,6-Tribromophenol
 Concen: 121.914 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.02 min
 Lab File: BG035367.D
 Acq: 23 Jun 2018 14:11

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

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.7	77.0	115.6
141	37.3	25.2	37.8

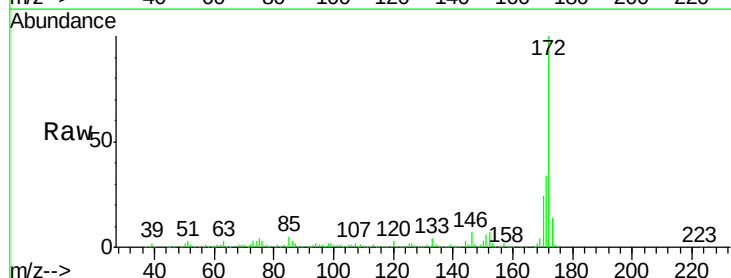


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

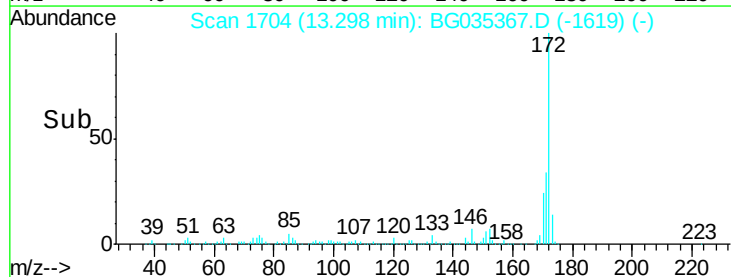
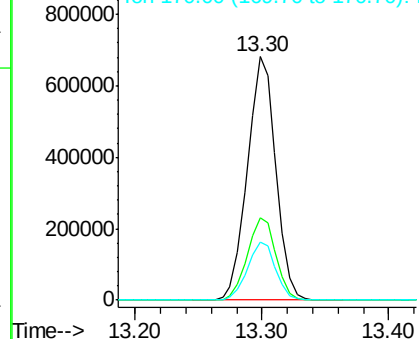


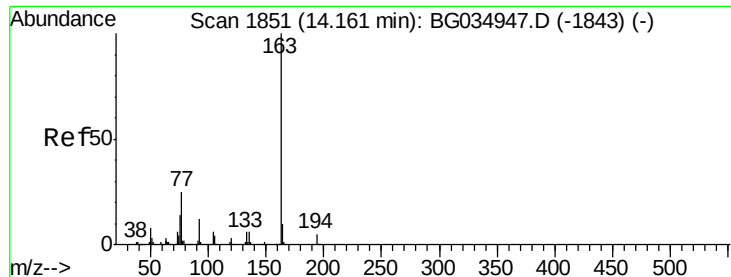
#44
 2-Fluorobiphenyl
 Concen: 110.171 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035367.D
 Acq: 23 Jun 2018 14:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.9	30.0	45.0
170	23.8	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: 4.685 ng

RT: 14.12 min Scan# 1844

Delta R.T. -0.04 min

Lab File: BG035367.D

Acq: 23 Jun 2018 14:11

Instrument :

BNA_G

ClientSampleId :

061918-DBRI-F-U-B

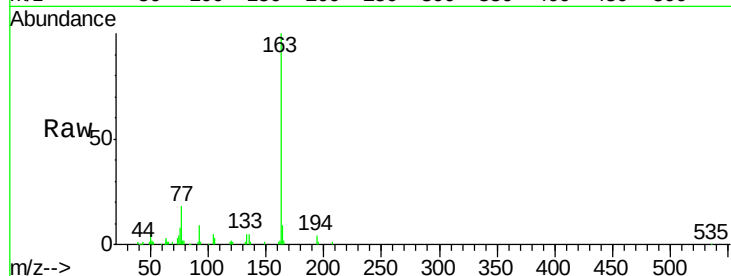
Tgt Ion:163 Resp: 50958

Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.2

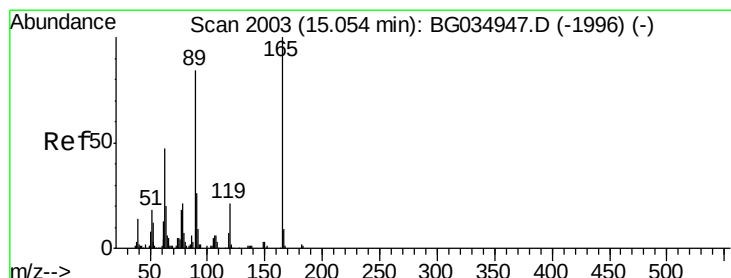
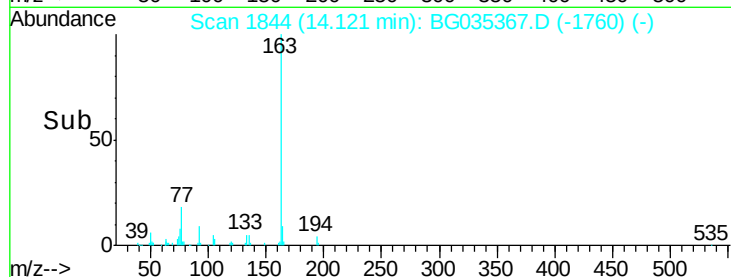
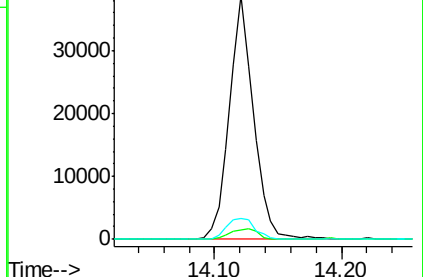
164 8.7 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#56

2,4-Dinitrotoluene

Concen: 6.359 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.37 min

Lab File: BG035367.D

Acq: 23 Jun 2018 14:11

Tgt Ion:165 Resp: 16761

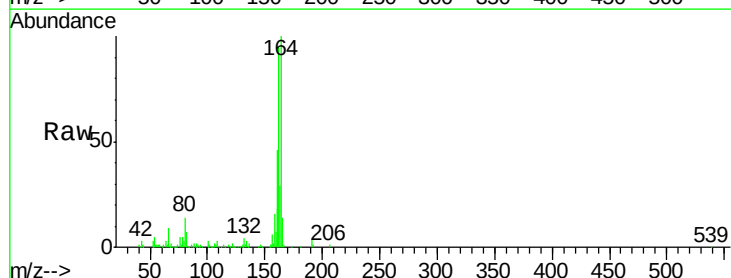
Ion Ratio Lower Upper

165 100

63 0.0 42.0 63.0#

89 1.9 66.9 100.3#

182 0.0 2.6 3.8#

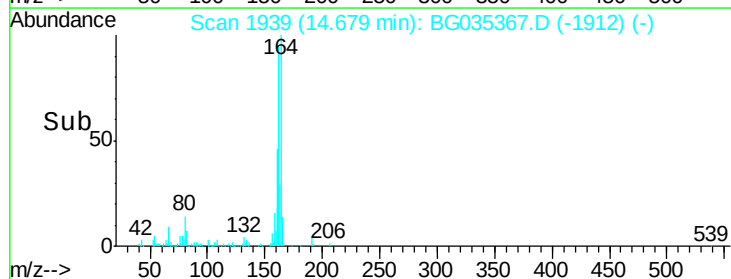
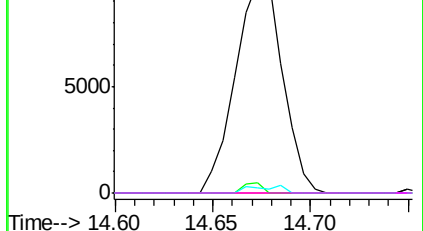


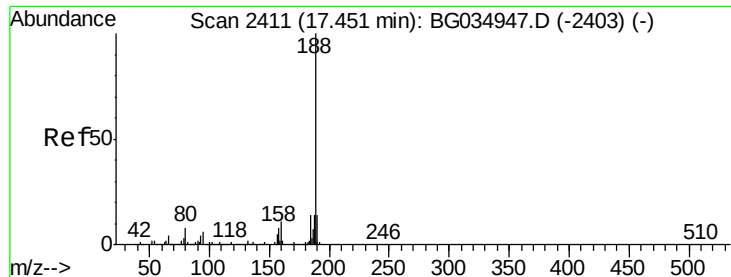
Abundance Ion 165.00 (164.70 to 165.70): E

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: BG035367.D

Acq: 23 Jun 2018 14:11

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061918-DBRI-F-U-B

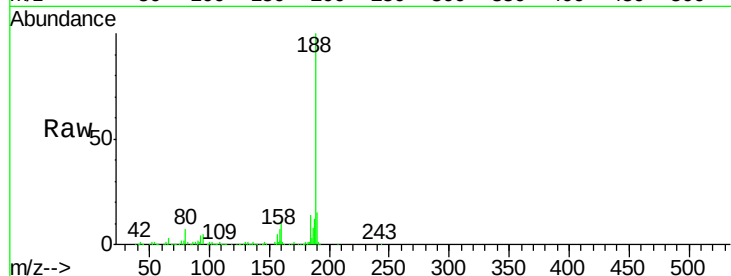
Tgt Ion:188 Resp: 320875

Ion Ratio Lower Upper

188 100

94 5.4 6.9 10.3#

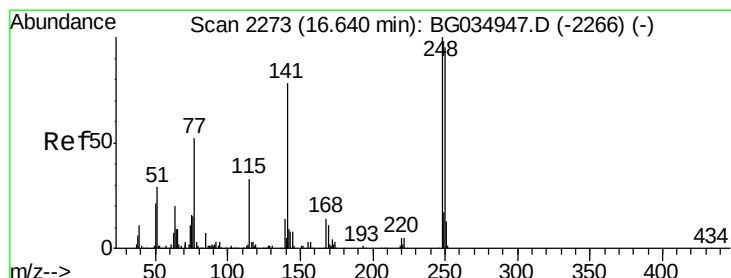
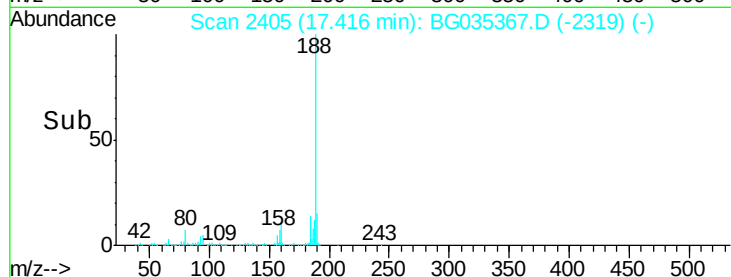
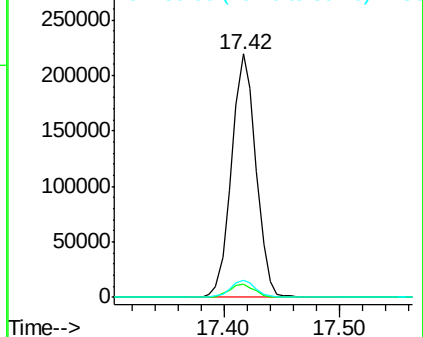
80 7.2 7.7 11.5#



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: 4.015 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.48 min

Lab File: BG035367.D

Acq: 23 Jun 2018 14:11

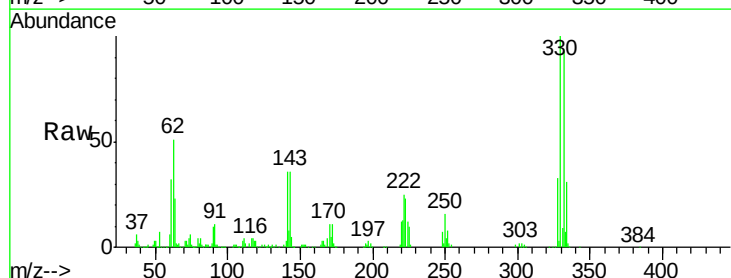
Tgt Ion:248 Resp: 15514

Ion Ratio Lower Upper

248 100

250 210.7 77.1 115.7#

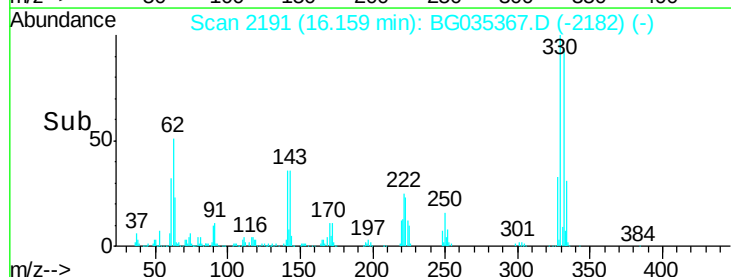
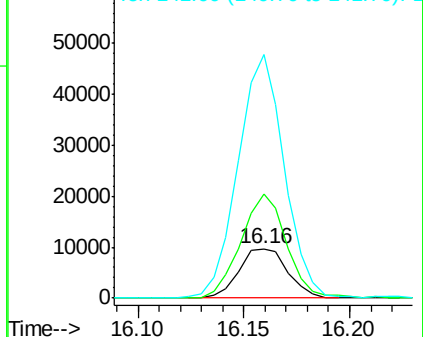
141 490.4 50.8 76.2#

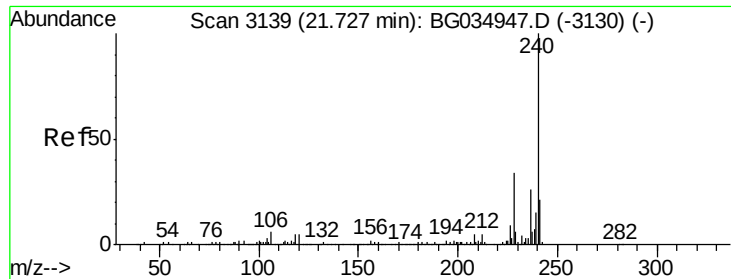


Abundance Ion 248.00 (247.70 to 248.70): E

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: BG035367.D

Acq: 23 Jun 2018 14:11

Instrument :

BNA_G

ClientSampleId :

061918-DBRI-F-U-B

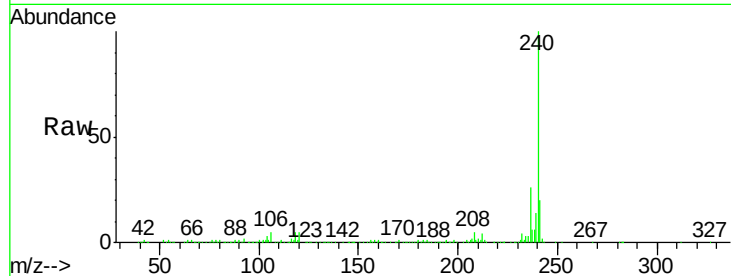
Tgt Ion:240 Resp: 359895

Ion Ratio Lower Upper

240 100

120 4.8 6.8 10.2#

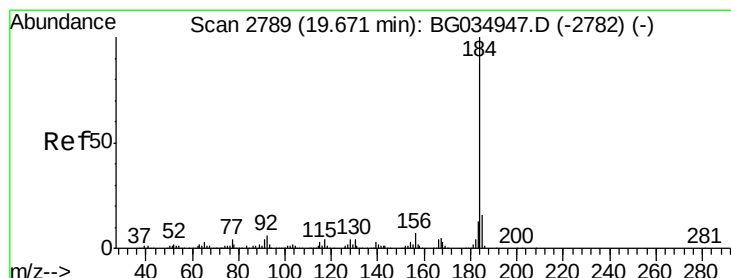
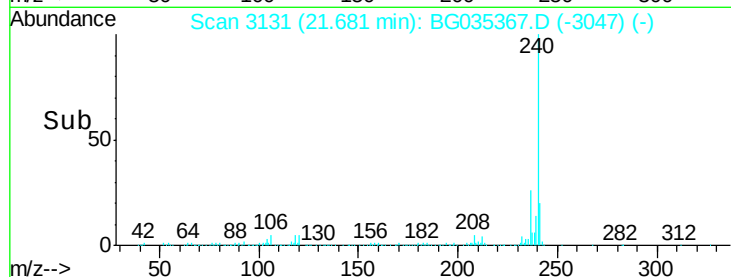
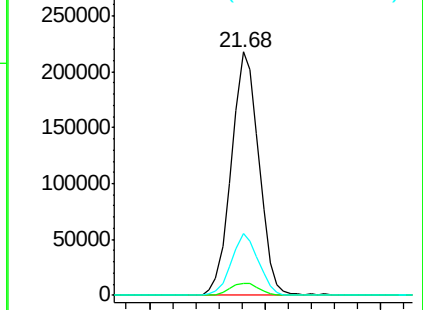
236 25.6 20.9 31.3



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: 2.162 ng

RT: 20.02 min Scan# 2849

Delta R.T. 0.36 min

Lab File: BG035367.D

Acq: 23 Jun 2018 14:11

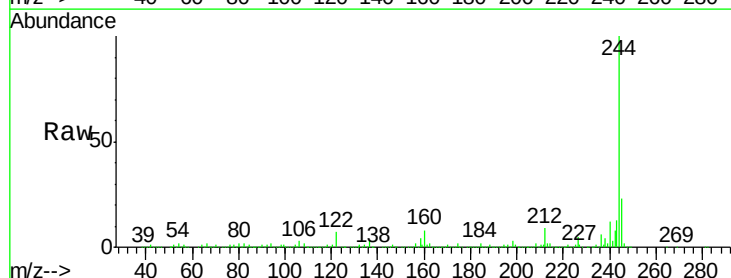
Tgt Ion:184 Resp: 28948

Ion Ratio Lower Upper

184 100

185 15.3 11.1 16.7

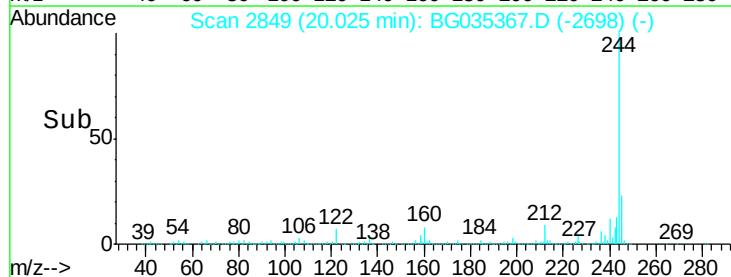
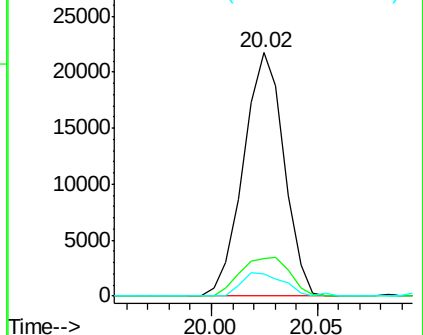
183 9.2 10.6 16.0#

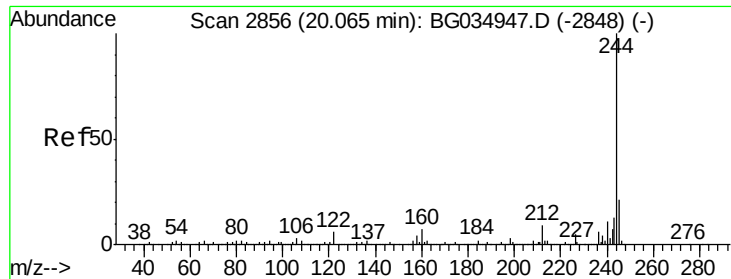


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 101.220 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035367.D

Acq: 23 Jun 2018 14:11

Instrument :

BNA_G

ClientSampleId :

061918-DBRI-F-U-B

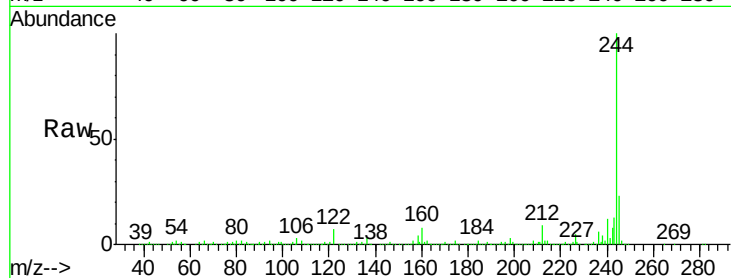
Tgt Ion:244 Resp: 1739099

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

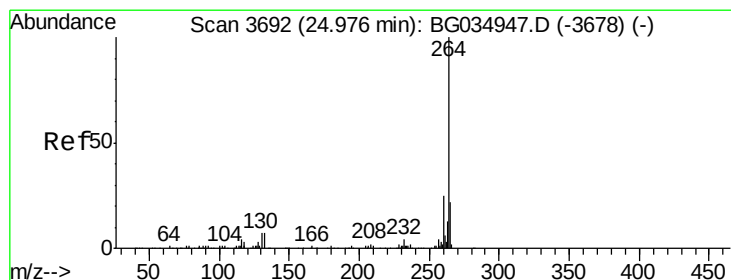
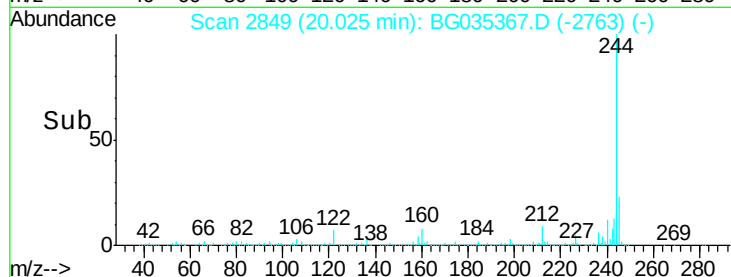
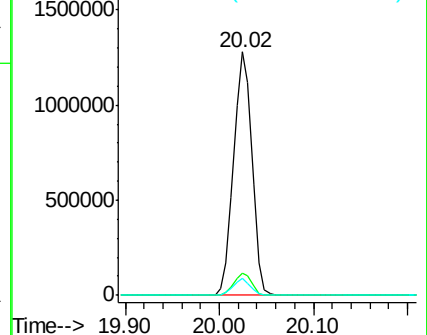
122 6.9 7.0 10.4#



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: BG035367.D

Acq: 23 Jun 2018 14:11

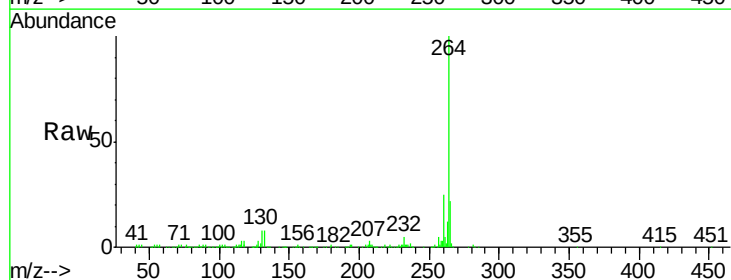
Tgt Ion:264 Resp: 350568

Ion Ratio Lower Upper

264 100

260 24.9 17.4 26.0

265 21.7 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

