

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062218\
 Data File : BG035359.D
 Acq On : 23 Jun 2018 9:02
 Operator : JU/SJ
 Sample : J3587-07
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 061818-TIPC-F-U-B

Quant Time: Jun 25 05:48:16 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

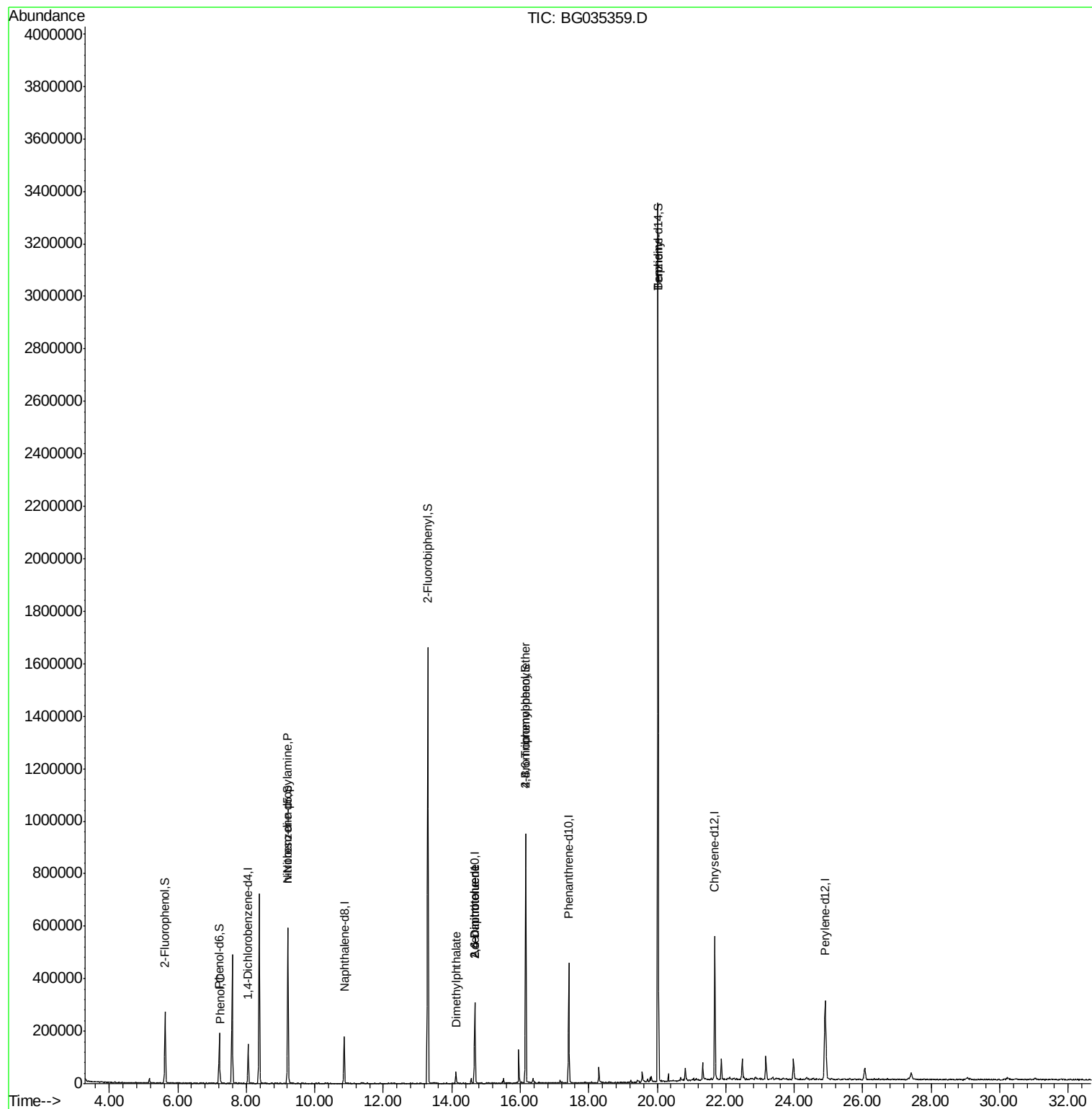
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	44325	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	152766	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	106610	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	290427	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	336499	20.00	ng	-0.04
86) Perylene-d12	24.91	264	326631	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	121952	46.43	ng	-0.01
7) Phenol-d6	7.21	99	115379	29.76	ng	-0.01
23) Nitrobenzene-d5	9.22	82	391123	121.70	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	174683	128.00	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	918383	111.99	ng	-0.03
78) Terphenyl-d14	20.02	244	1598787	99.52	ng	-0.02
Target Compounds						
10) Phenol	7.24	94	10037	2.502	ng	Qvalue 96
19) n-Nitroso-di-n-propylamine	9.21	70	55051	16.715	ng	# 62
49) Dimethylphthalate	14.12	163	29506	3.174	ng	# 97
50) 2,6-Dinitrotoluene	14.67	165	14835	8.747	ng	# 20
56) 2,4-Dinitrotoluene	14.67	165	14835	6.585	ng	# 18
66) 4-Bromophenyl-phenylether	16.16	248	13926	3.982	ng	# 1
76) Benzidine	20.02	184	27680	2.211	ng	# 84

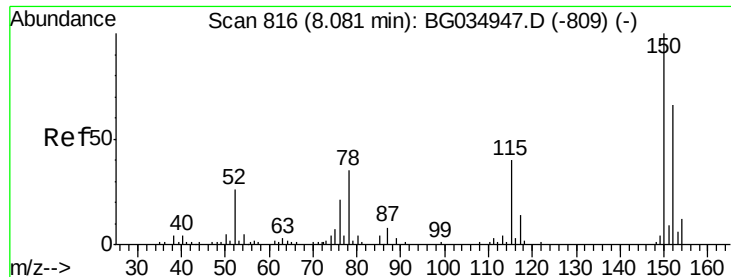
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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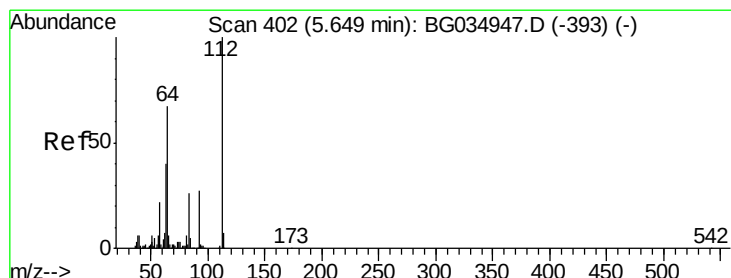
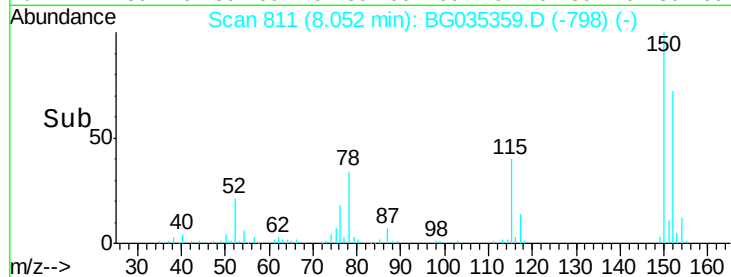
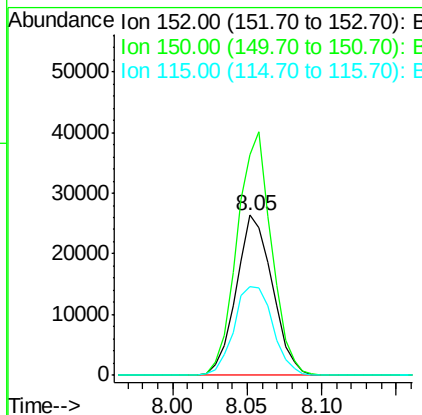
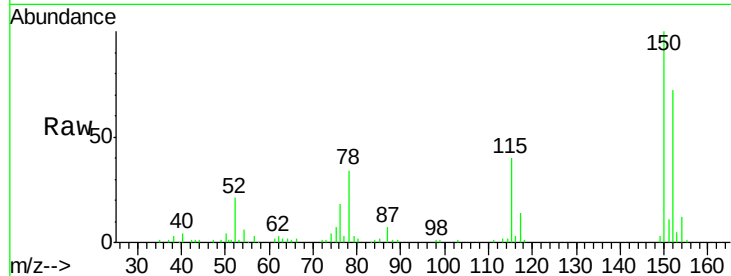


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 811
 Delta R.T. -0.02 min
 Lab File: BG035359.D
 Acq: 23 Jun 2018 9:02

Instrument :
 BNA_G
 ClientSampleId :
 061818-TIPC-F-U-B

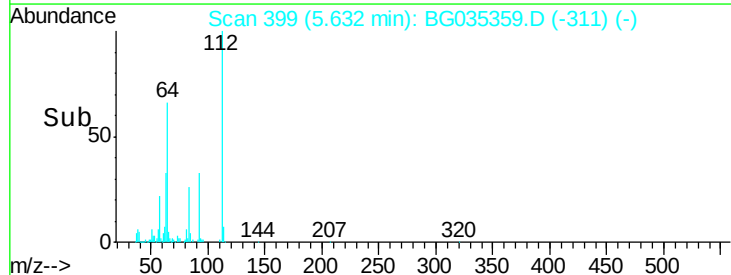
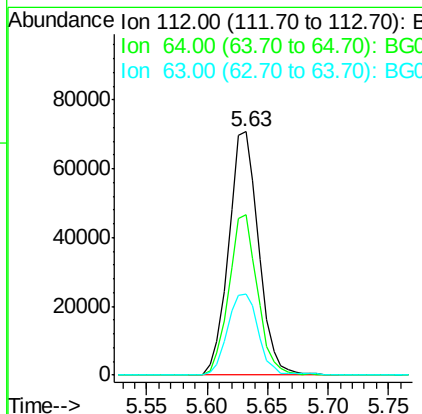
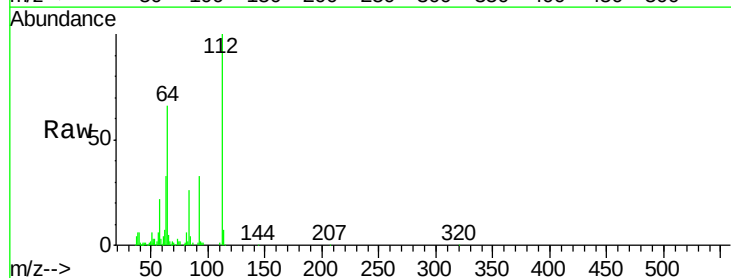
Tgt Ion:152 Resp: 44325
 Ion Ratio Lower Upper
 152 100
 150 138.4 126.6 189.8
 115 55.8 53.0 79.4

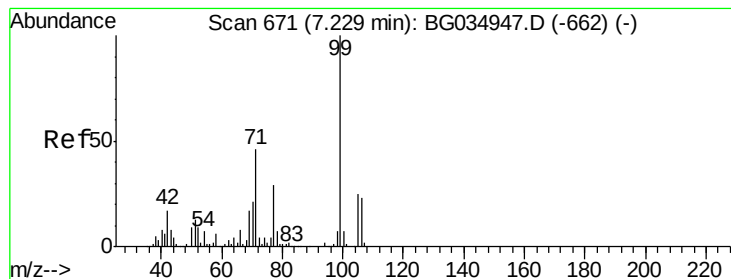


#5

2-Fluorophenol
 Concen: 46.431 ng
 RT: 5.63 min Scan# 399
 Delta R.T. -0.01 min
 Lab File: BG035359.D
 Acq: 23 Jun 2018 9:02

Tgt Ion:112 Resp: 121952
 Ion Ratio Lower Upper
 112 100
 64 65.8 56.3 84.5
 63 33.3 30.1 45.1





#7

Phenol-d6

Concen: 29.763 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035359.D

Acq: 23 Jun 2018 9:02

Instrument :

BNA_G

ClientSampleId :

061818-TIPC-F-U-B

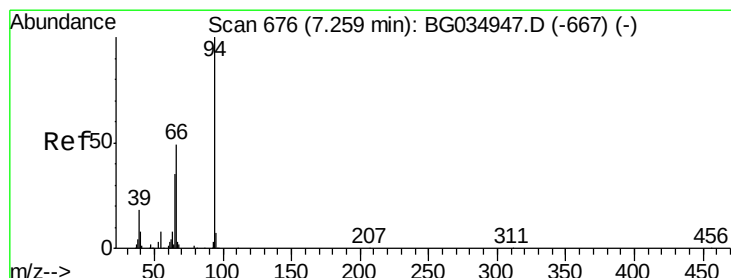
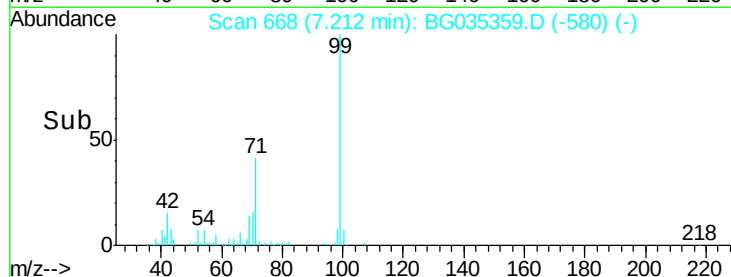
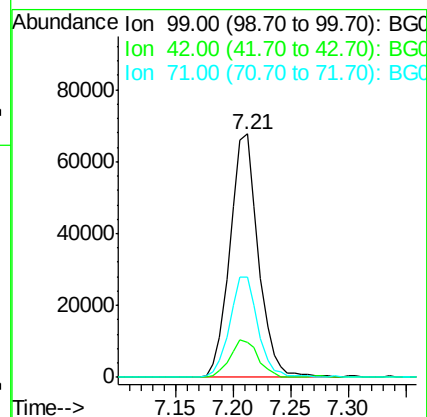
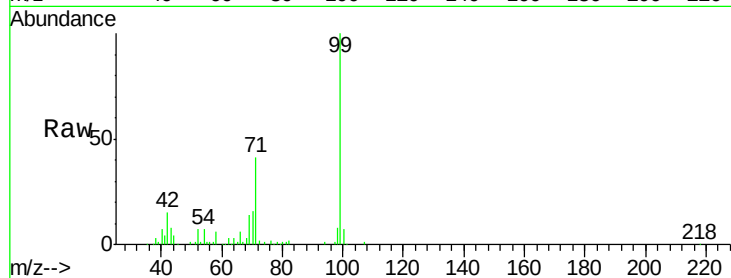
Tgt Ion: 99 Resp: 115379

Ion Ratio Lower Upper

99 100

42 14.6 14.1 21.1

71 41.2 26.1 39.1#



#10

Phenol

Concen: 2.502 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.02 min

Lab File: BG035359.D

Acq: 23 Jun 2018 9:02

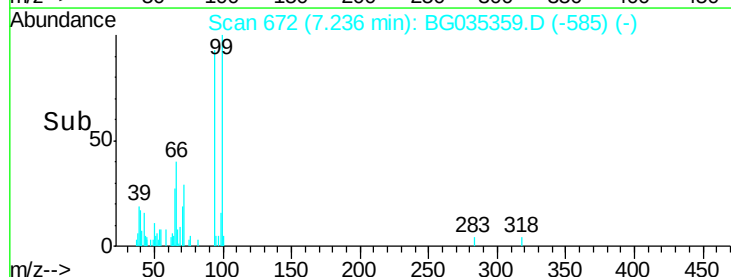
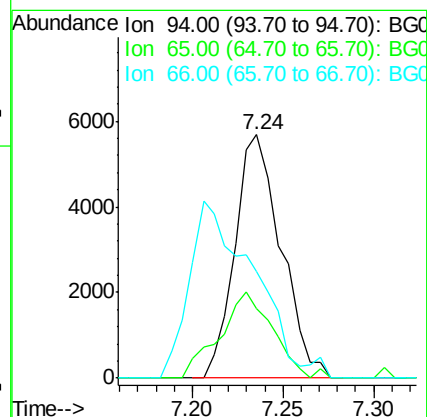
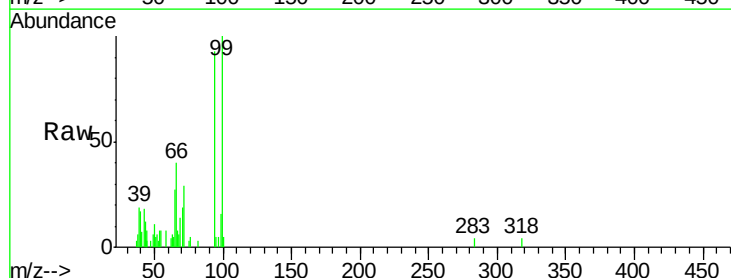
Tgt Ion: 94 Resp: 10037

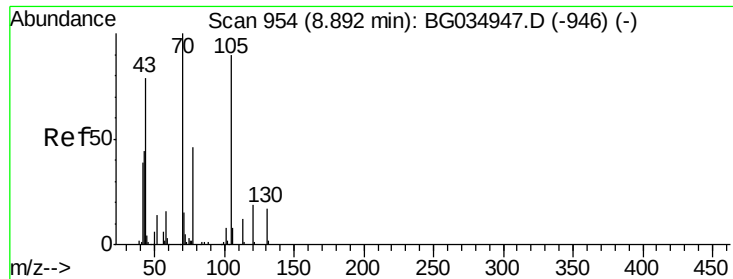
Ion Ratio Lower Upper

94 100

65 28.7 11.9 51.9

66 43.6 22.2 62.2

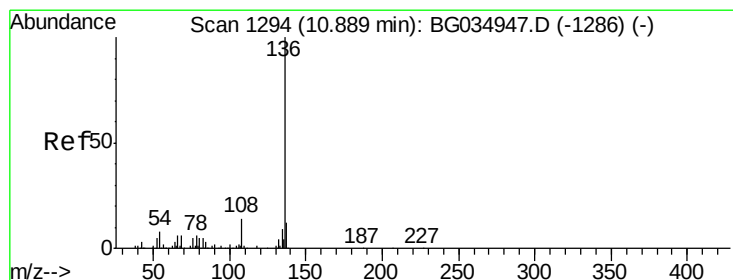
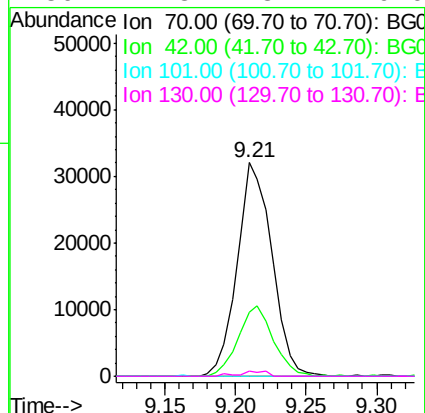
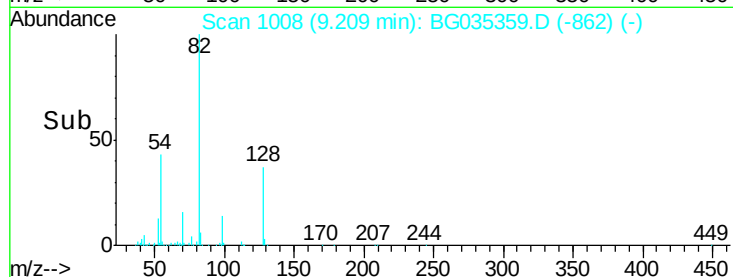
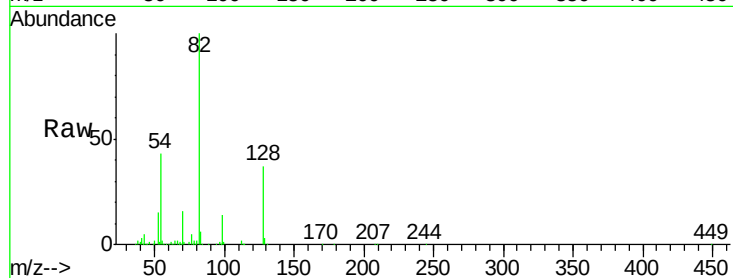




#19
n-Nitroso-di-n-propylamine
Concen: 16.715 ng
RT: 9.21 min Scan# 1008
Delta R.T. 0.33 min
Lab File: BG035359.D
Acq: 23 Jun 2018 9:02

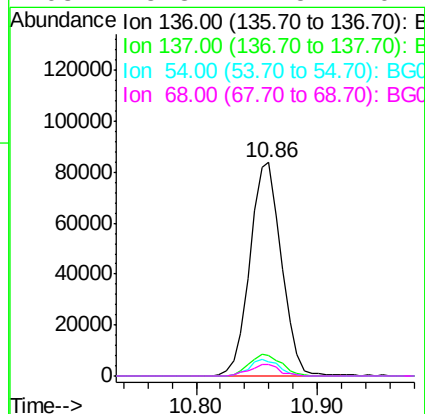
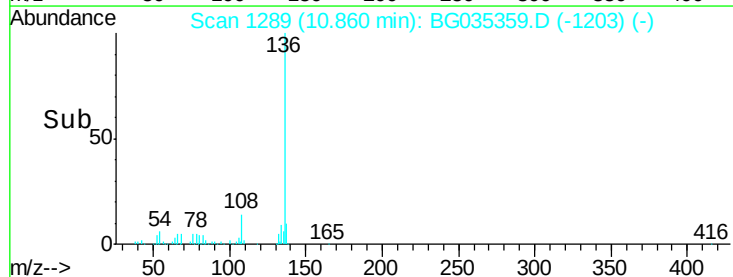
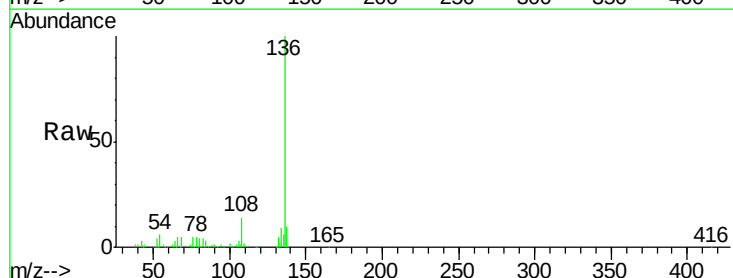
Instrument :
BNA_G
ClientSampleId :
061818-TIPC-F-U-B

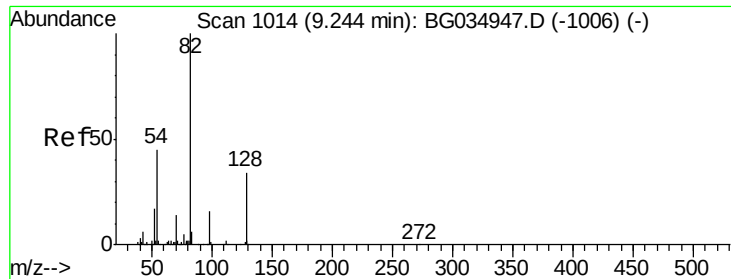
Tgt Ion: 70 Resp: 55051
Ion Ratio Lower Upper
70 100
42 30.1 49.1 73.7#
101 0.0 8.5 12.7#
130 2.3 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BG035359.D
Acq: 23 Jun 2018 9:02

Tgt Ion: 136 Resp: 152766
Ion Ratio Lower Upper
136 100
137 9.8 9.2 13.8
54 6.3 10.3 15.5#
68 5.3 4.5 6.7

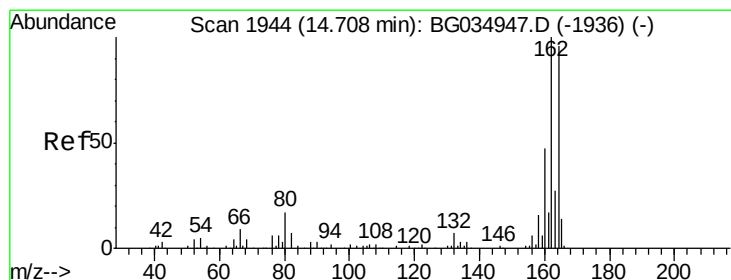
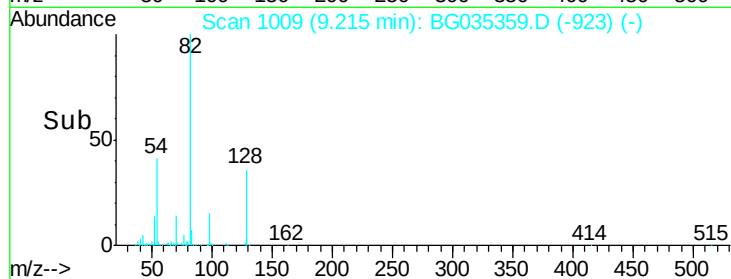
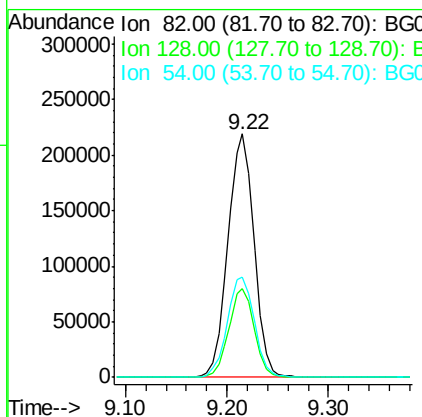
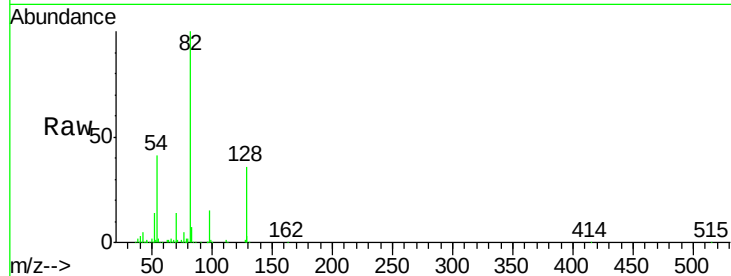




#23
 Nitrobenzene-d5
 Concen: 121.701 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.02 min
 Lab File: BG035359.D
 Acq: 23 Jun 2018 9:02

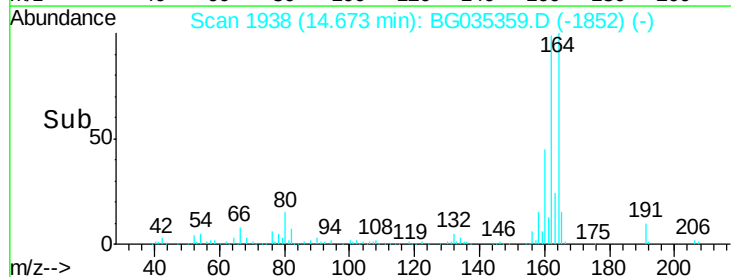
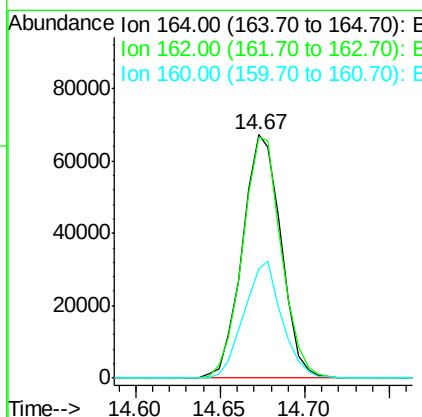
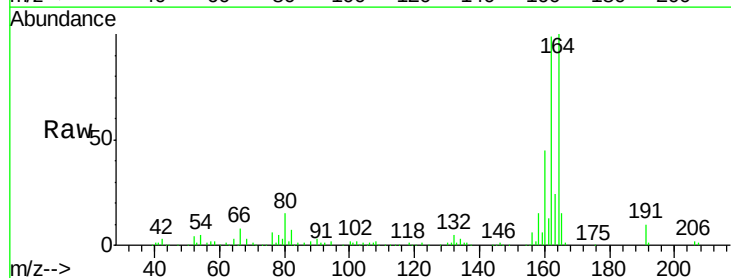
Instrument :
 BNA_G
 ClientSampleId :
 061818-TIPC-F-U-B

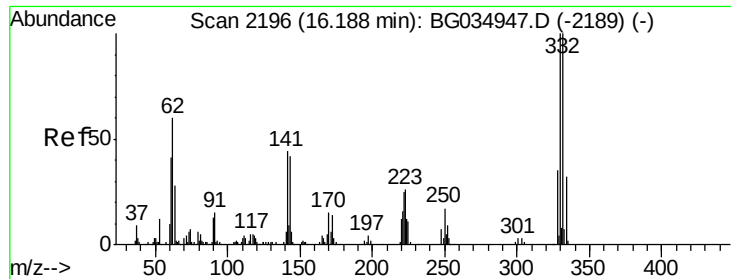
Tgt Ion: 82 Resp: 391123
 Ion Ratio Lower Upper
 82 100
 128 36.3 29.7 44.5
 54 41.3 43.1 64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.02 min
 Lab File: BG035359.D
 Acq: 23 Jun 2018 9:02

Tgt Ion: 164 Resp: 106610
 Ion Ratio Lower Upper
 164 100
 162 98.8 78.8 118.2
 160 45.0 35.4 53.0

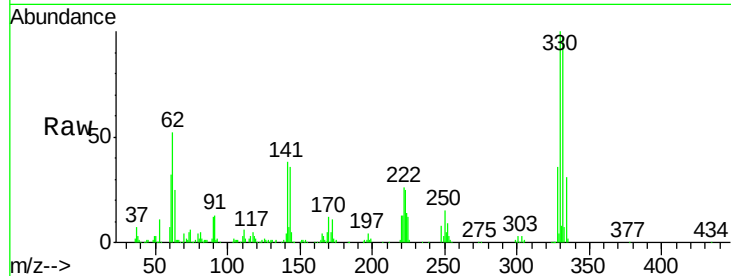




#41
 2,4,6-Tribromophenol
 Concen: 127.997 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.02 min
 Lab File: BG035359.D
 Acq: 23 Jun 2018 9:02

Instrument :
 BNA_G
 ClientSampleId :
 061818-TIPC-F-U-B

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	37.5	25.2	37.8

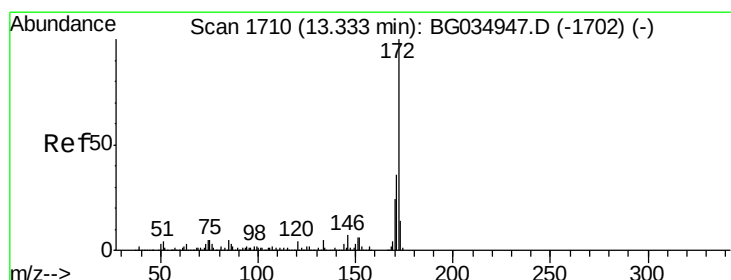
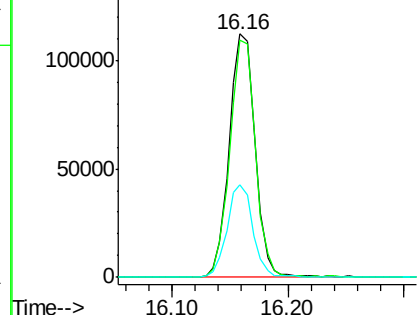
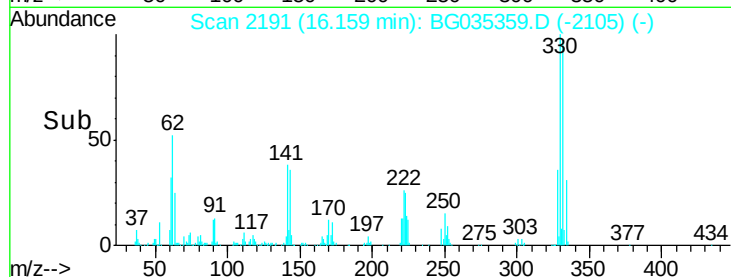


Abundance

Ion 329.80 (329.50 to 330.50): E

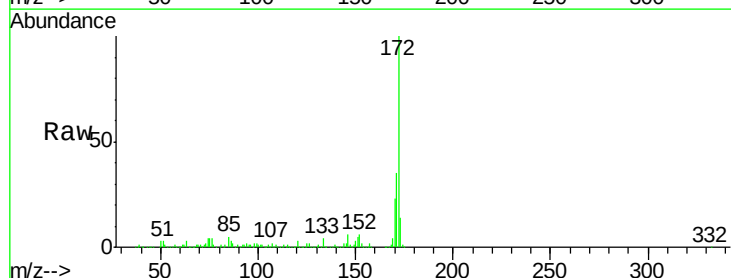
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 111.987 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035359.D
 Acq: 23 Jun 2018 9:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.5	30.0	45.0
170	23.2	19.5	29.3

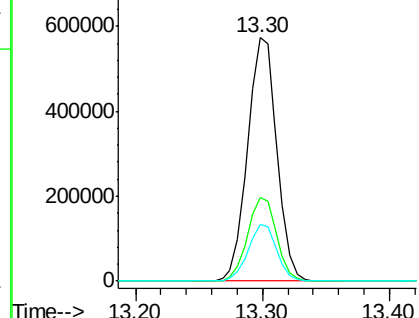
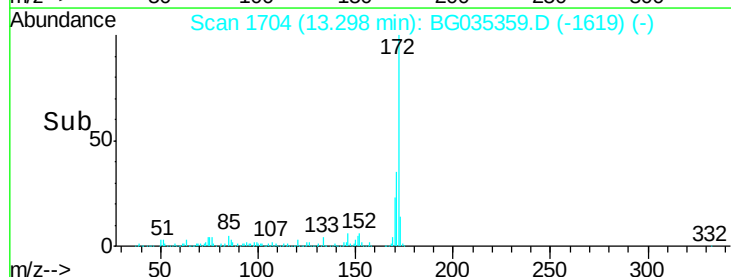


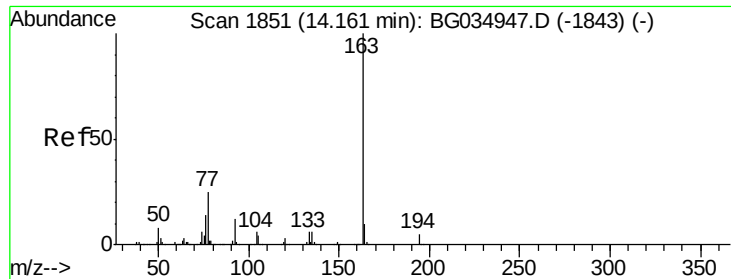
Abundance

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: 3.174 ng

RT: 14.12 min Scan# 1844

Delta R.T. -0.04 min

Lab File: BG035359.D

Acq: 23 Jun 2018 9:02

Instrument :

BNA_G

ClientSampleId :

061818-TIPC-F-U-B

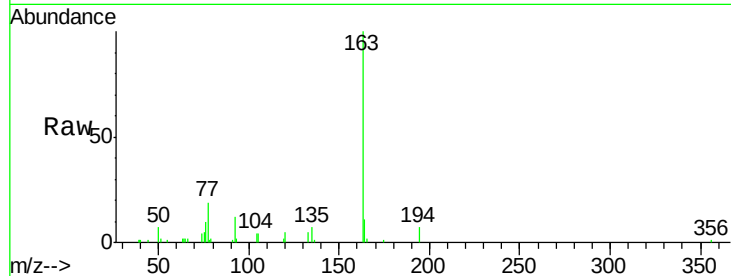
Tgt Ion:163 Resp: 29506

Ion Ratio Lower Upper

163 100

194 6.5 3.4 5.2#

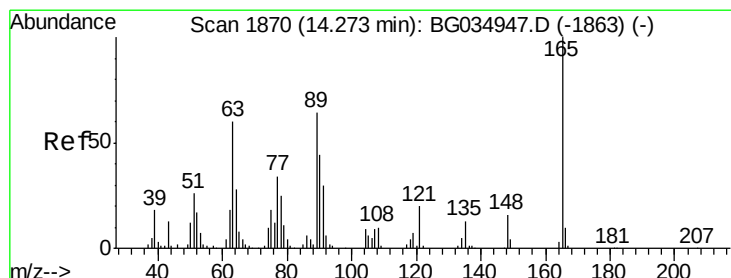
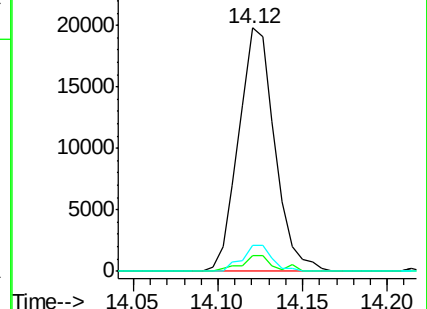
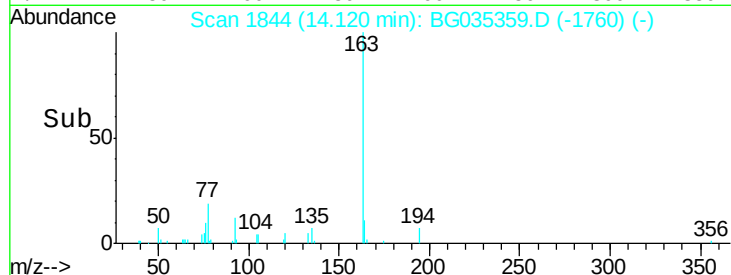
164 10.7 8.2 12.4



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



#50

2,6-Dinitrotoluene

Concen: 8.747 ng

RT: 14.67 min Scan# 1938

Delta R.T. 0.40 min

Lab File: BG035359.D

Acq: 23 Jun 2018 9:02

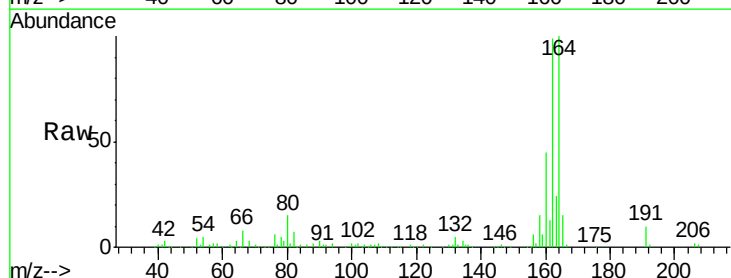
Tgt Ion:165 Resp: 14835

Ion Ratio Lower Upper

165 100

63 2.4 52.7 79.1#

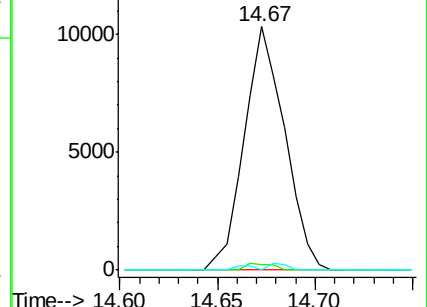
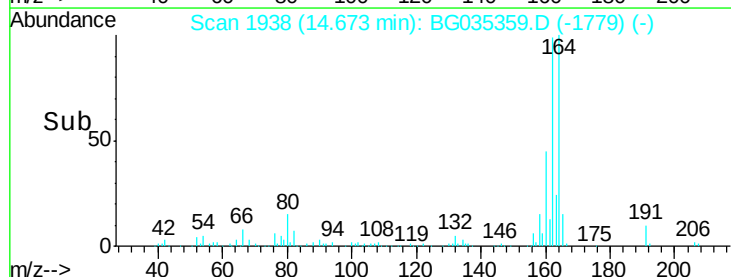
89 0.0 49.2 73.8#

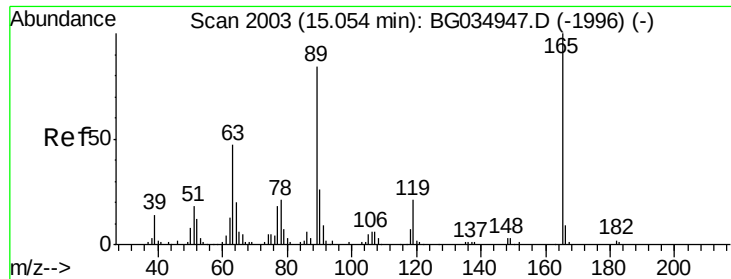


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

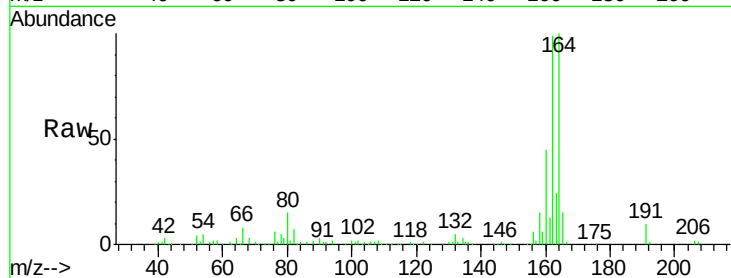




#56
 2,4-Dinitrotoluene
 Concen: 6.585 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.38 min
 Lab File: BG035359.D
 Acq: 23 Jun 2018 9:02

Instrument :
 BNA_G
 ClientSampleId :
 061818-TIPC-F-U-B

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.4	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#

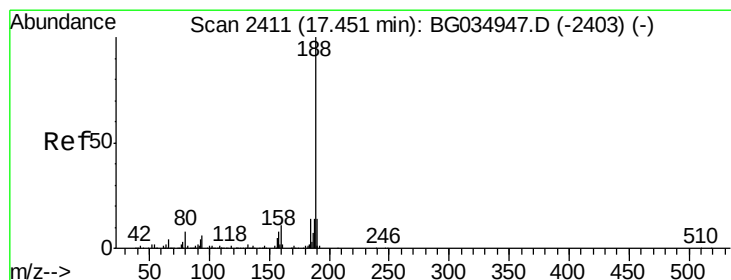
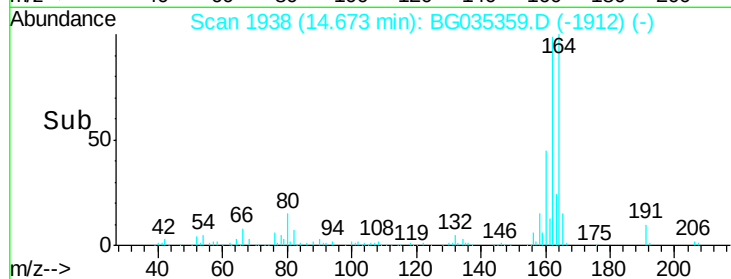
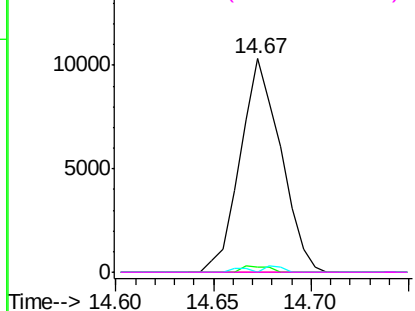


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

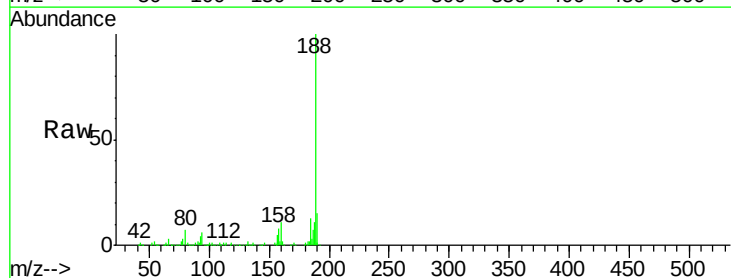
Ion 89.00 (88.70 to 89.70): BGC

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: BG035359.D
 Acq: 23 Jun 2018 9:02

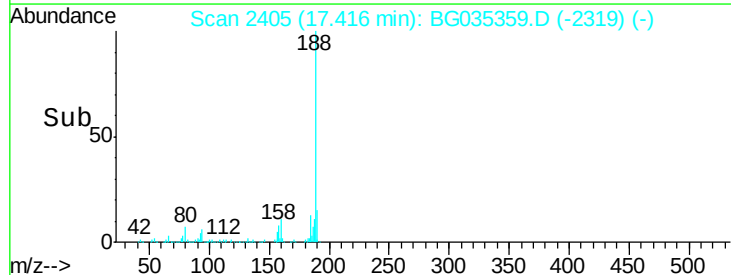
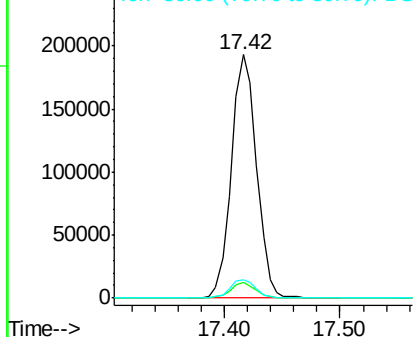
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.3	6.9	10.3#
80	7.4	7.7	11.5#

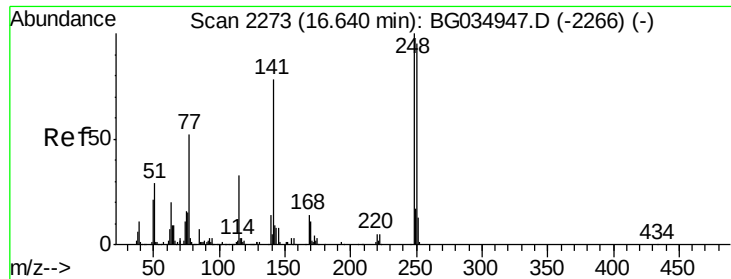


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

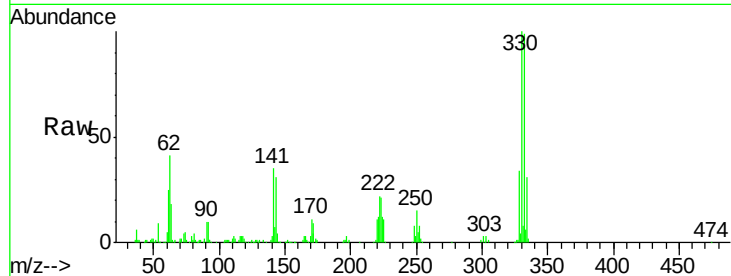




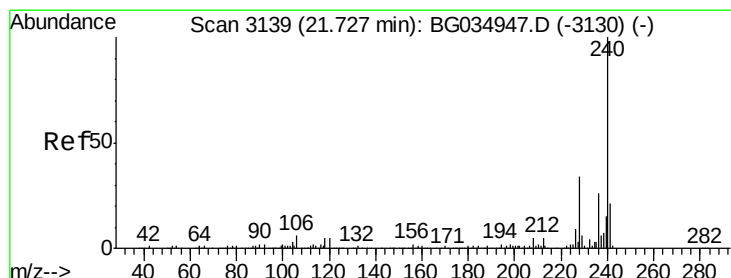
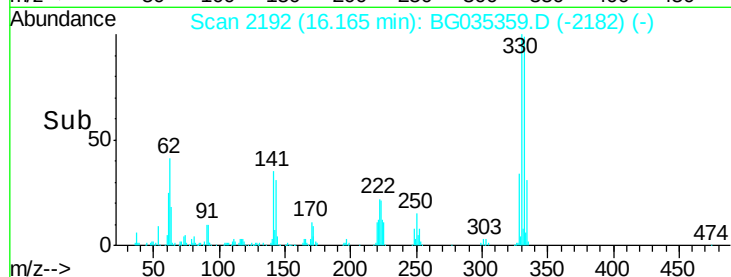
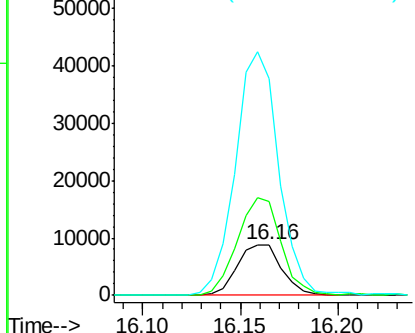
#66
 4-Bromophenyl-phenylether
 Concen: 3.982 ng
 RT: 16.16 min Scan# 2192
 Delta R.T. -0.47 min
 Lab File: BG035359.D
 Acq: 23 Jun 2018 9:02

Instrument :
 BNA_G
 ClientSampleId :
 061818-TIPC-F-U-B

Tgt Ion: 248 Resp: 13926
 Ion Ratio Lower Upper
 248 100
 250 183.6 77.1 115.7#
 141 424.4 50.8 76.2#

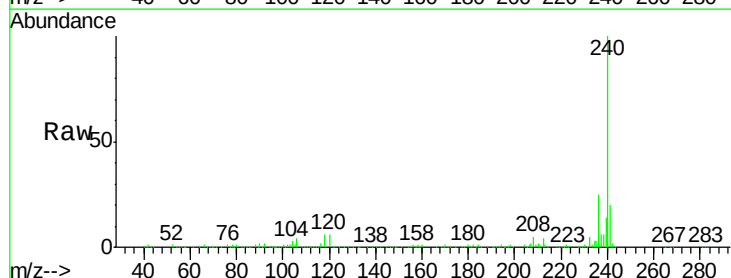


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

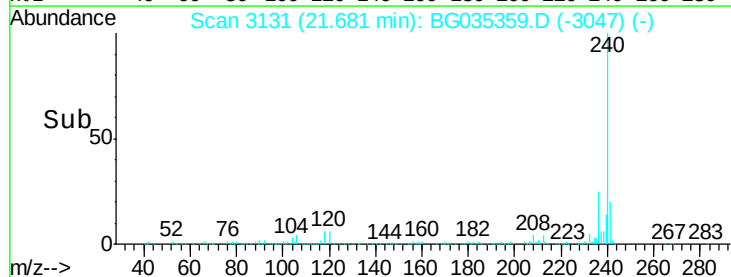
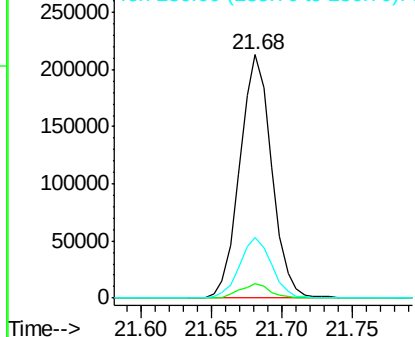


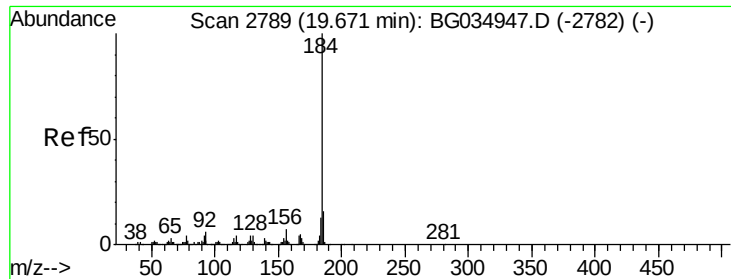
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3131
 Delta R.T. -0.04 min
 Lab File: BG035359.D
 Acq: 23 Jun 2018 9:02

Tgt Ion: 240 Resp: 336499
 Ion Ratio Lower Upper
 240 100
 120 5.8 6.8 10.2#
 236 24.7 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: 2.211 ng

RT: 20.02 min Scan# 2849

Delta R.T. 0.36 min

Lab File: BG035359.D

Acq: 23 Jun 2018 9:02

Instrument :

BNA_G

ClientSampleId :

061818-TIPC-F-U-B

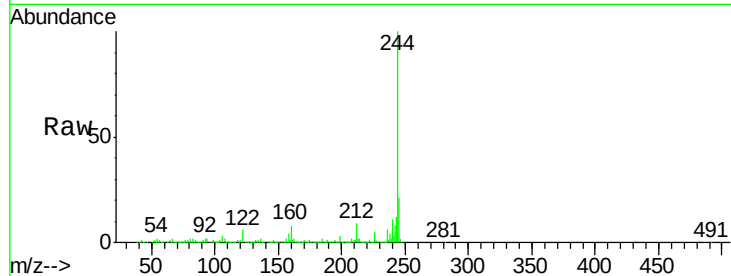
Tgt Ion:184 Resp: 27680

Ion Ratio Lower Upper

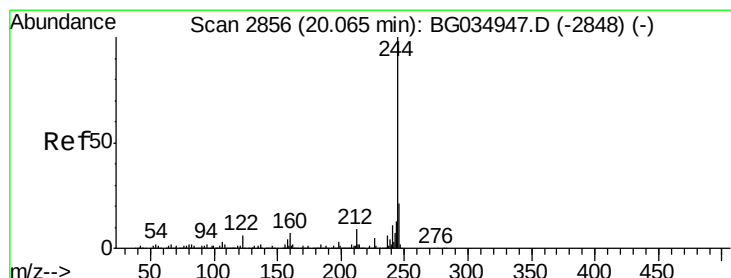
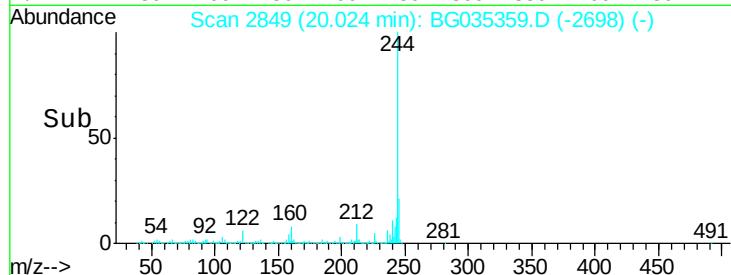
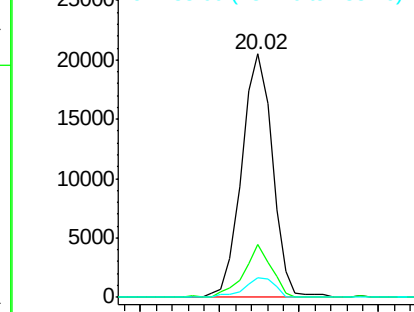
184 100

185 21.6 11.1 16.7#

183 8.1 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: 99.523 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035359.D

Acq: 23 Jun 2018 9:02

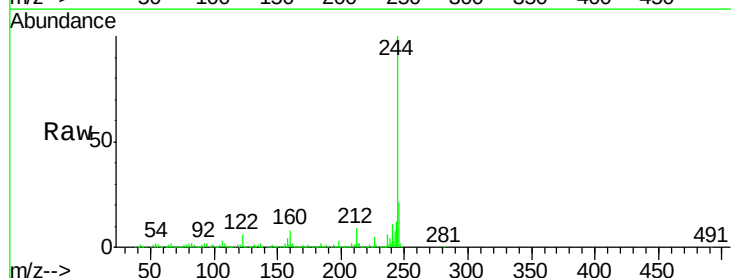
Tgt Ion:244 Resp: 1598787

Ion Ratio Lower Upper

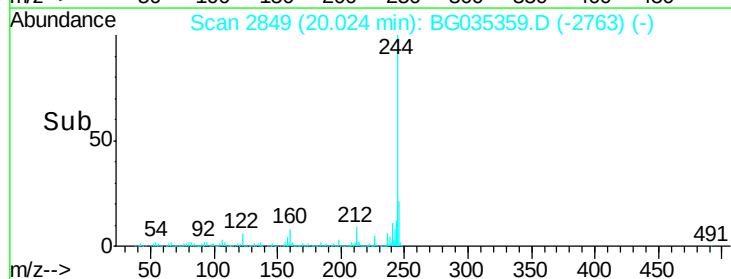
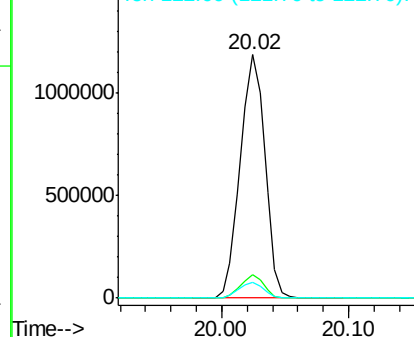
244 100

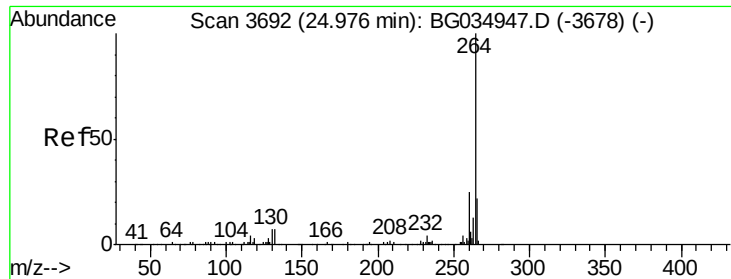
212 9.4 5.8 8.8#

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: 24.91 min Scan# 3680
Delta R.T. -0.05 min
Lab File: BG035359.D
Acq: 23 Jun 2018 9:02

Instrument :
BNA_G
ClientSampleId :
061818-TIPC-F-U-B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.5	17.4	26.0
265	19.4	17.7	26.5

