

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081018\
 Data File : BG036289.D
 Acq On : 11 Aug 2018 5:54
 Operator : JU/SJ
 Sample : J4413-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 080818-TIPC-E-U-M

Quant Time: Aug 11 06:32:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

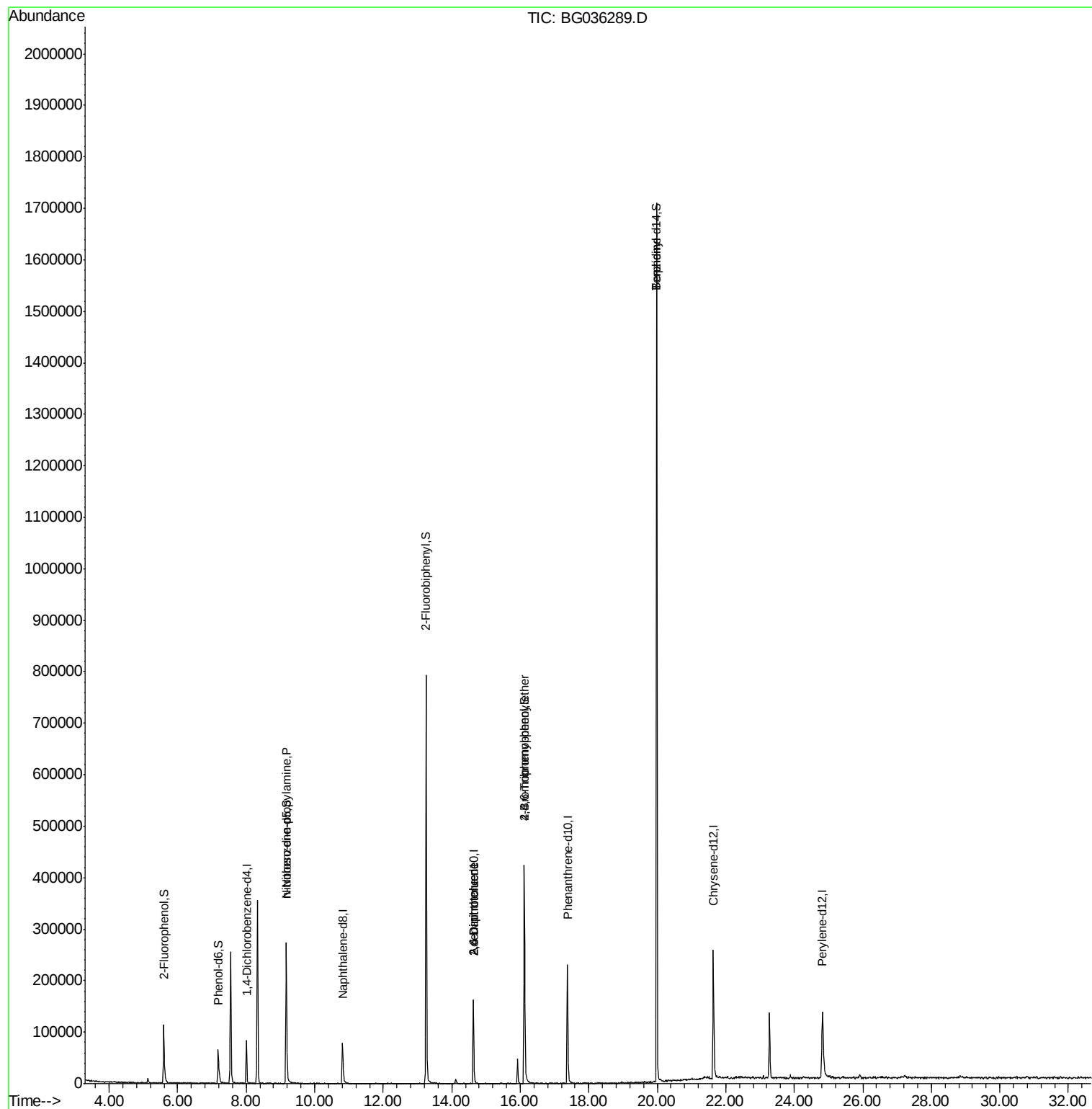
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	23914	20.00	ng	-0.02
21) Naphthalene-d8	10.81	136	80390	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	62200	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	178387	20.00	ng	-0.02
75) Chrysene-d12	21.64	240	189858	20.00	ng	-0.02
86) Perylene-d12	24.83	264	175230	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	60671	42.12	ng	-0.01
7) Phenol-d6	7.18	99	48644	22.64	ng	-0.02
23) Nitrobenzene-d5	9.17	82	207596	107.88	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	92274	112.55	ng	-0.02
44) 2-Fluorobiphenyl	13.25	172	470505	101.34	ng	-0.02
78) Terphenyl-d14	19.98	244	876352	101.75	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.17	70	28303	15.640	ng	# 72
50) 2,6-Dinitrotoluene	14.63	165	8122	7.319	ng	# 18
56) 2,4-Dinitrotoluene	14.63	165	8122	5.101	ng	# 16
66) 4-Bromophenyl-phenylether	16.13	248	7604	3.674	ng	# 1
76) Benzidine	19.98	184	16216	3.249	ng	# 95

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081018\
Data File : BG036289.D
Acq On : 11 Aug 2018 5:54
Operator : JU/SJ
Sample : J4413-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
080818-TIPC-E-U-M

Quant Time: Aug 11 06:32:28 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration



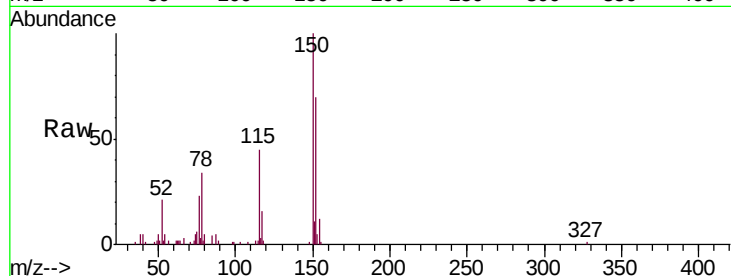


#1

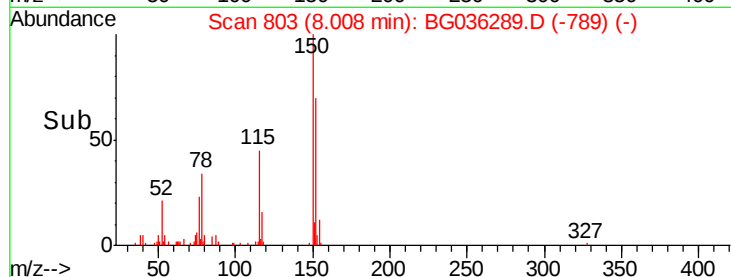
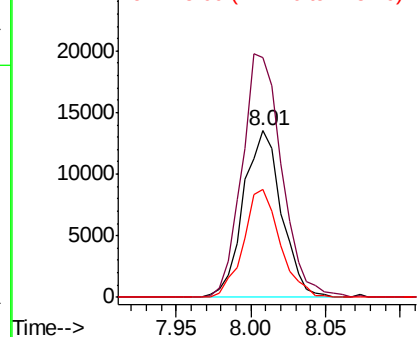
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 803
Delta R.T. -0.02 min
Lab File: BG036289.D
Acq: 11 Aug 2018 5:54

Instrument :
BNA_G
ClientSampleId :
080818-TIPC-E-U-M

Tgt Ion:152 Resp: 23914
Ion Ratio Lower Upper
152 100
150 143.7 126.6 189.8
115 65.1 53.0 79.4



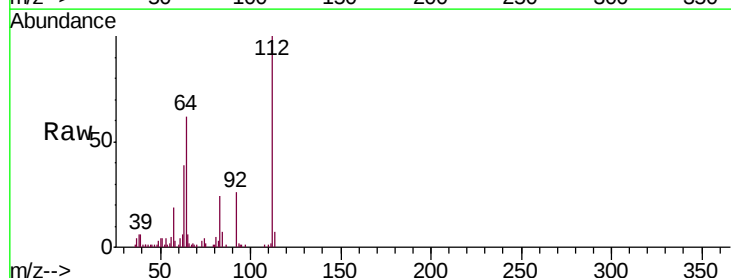
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



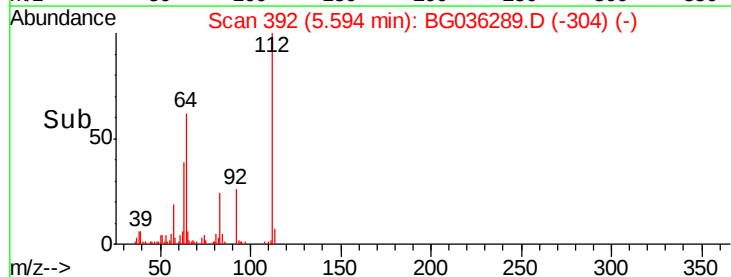
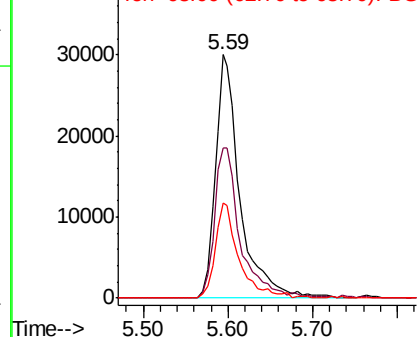
#5

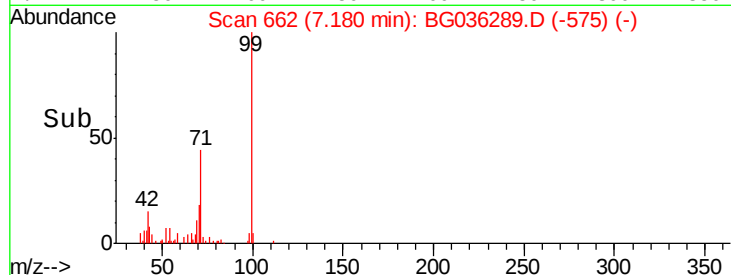
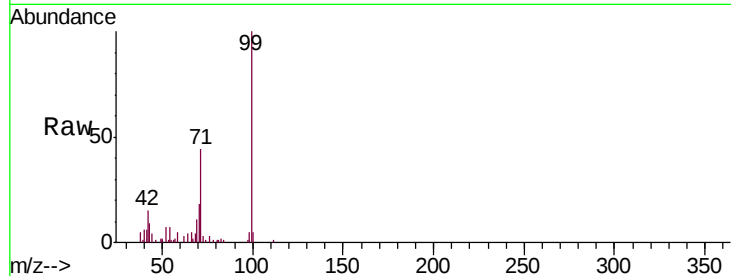
2-Fluorophenol
Concen: 42.121 ng
RT: 5.59 min Scan# 392
Delta R.T. -0.01 min
Lab File: BG036289.D
Acq: 11 Aug 2018 5:54

Tgt Ion:112 Resp: 60671
Ion Ratio Lower Upper
112 100
64 61.6 56.3 84.5
63 39.3 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: 22.635 ng

RT: 7.18 min Scan# 662

Delta R.T. -0.02 min

Lab File: BG036289.D

Acq: 11 Aug 2018 5:54

Instrument :

BNA_G

ClientSampleId :

080818-TIPC-E-U-M

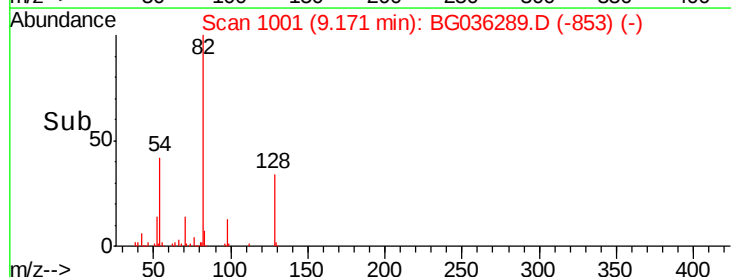
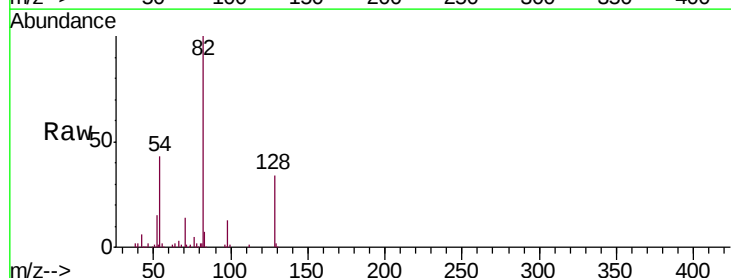
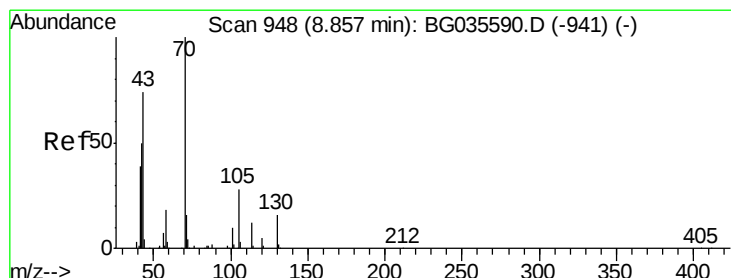
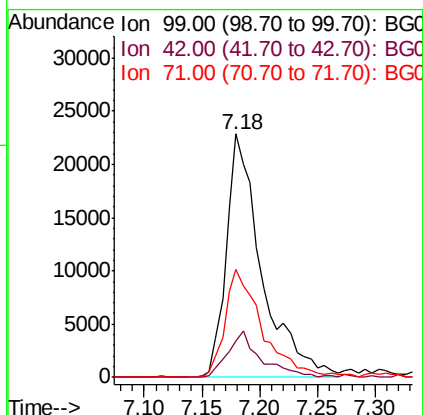
Tgt Ion: 99 Resp: 48644

Ion Ratio Lower Upper

99 100

42 14.7 14.1 21.1

71 44.1 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 15.640 ng

RT: 9.17 min Scan# 1001

Delta R.T. 0.34 min

Lab File: BG036289.D

Acq: 11 Aug 2018 5:54

Tgt Ion: 70 Resp: 28303

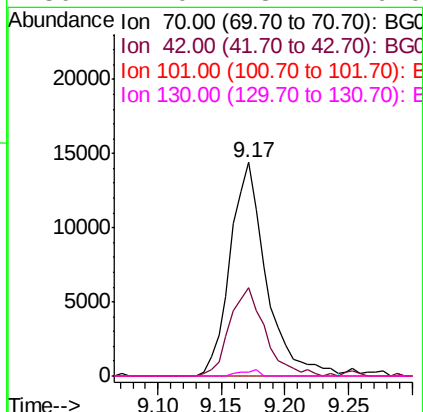
Ion Ratio Lower Upper

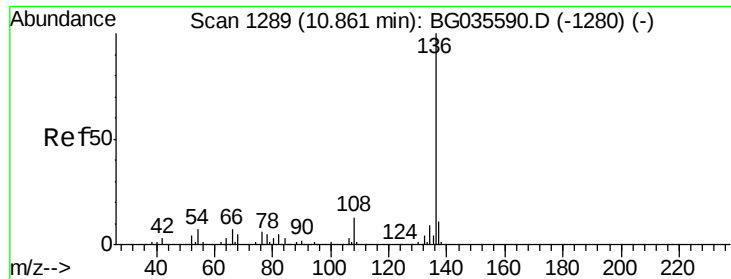
70 100

42 41.5 49.1 73.7#

101 0.0 8.5 12.7#

130 2.0 13.4 20.0#

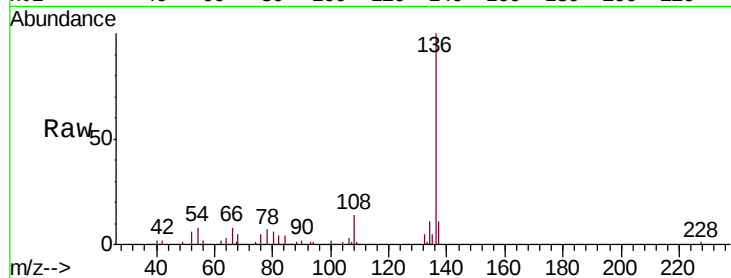




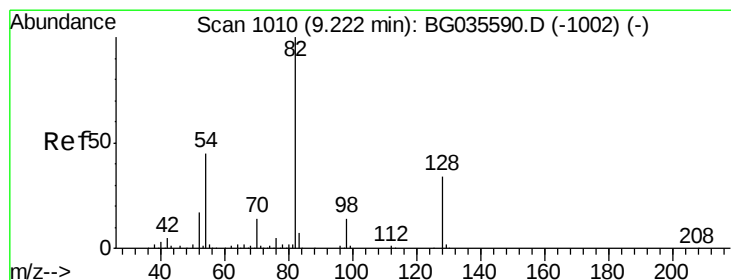
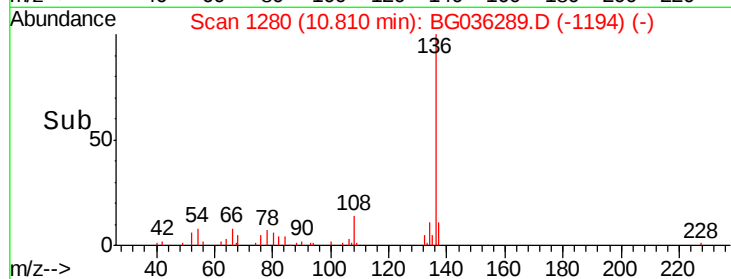
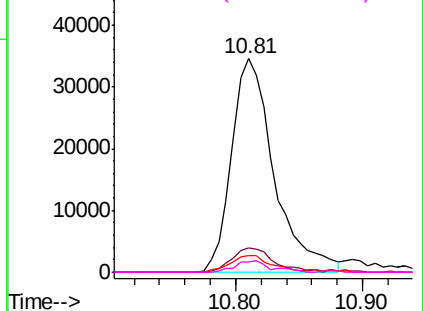
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BG036289.D
Acq: 11 Aug 2018 5:54

Instrument :
BNA_G
ClientSampleId :
080818-TIPC-E-U-M

Tgt Ion:	136	Resp:	80390
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	7.9	10.3	15.5#
68	5.1	4.5	6.7

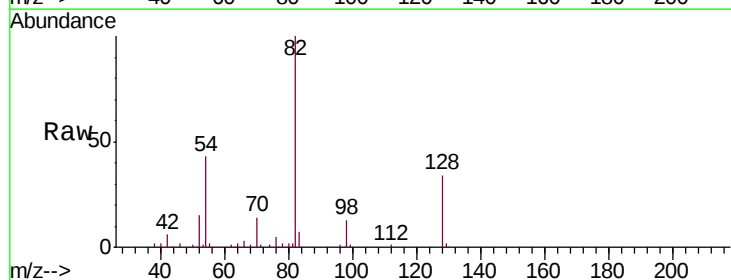


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

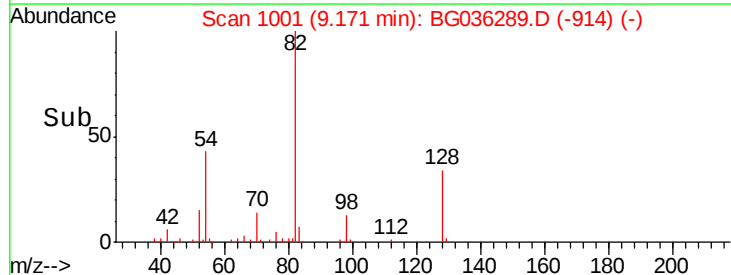
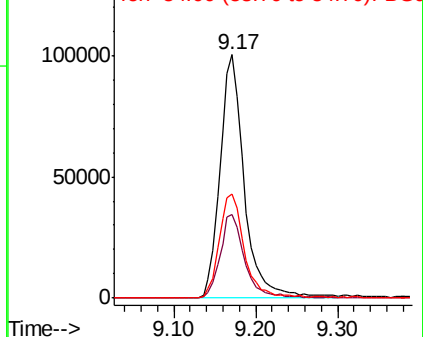


#23
Nitrobenzene-d5
Concen: 107.877 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BG036289.D
Acq: 11 Aug 2018 5:54

Tgt Ion:	82	Resp:	207596
Ion	Ratio	Lower	Upper
82	100		
128	34.5	29.7	44.5
54	42.5	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: 14.63 min Scan# 1931

Delta R.T. -0.02 min

Lab File: BG036289.D

Acq: 11 Aug 2018 5:54

Instrument :

BNA_G

ClientSampleId :

080818-TIPC-E-U-M

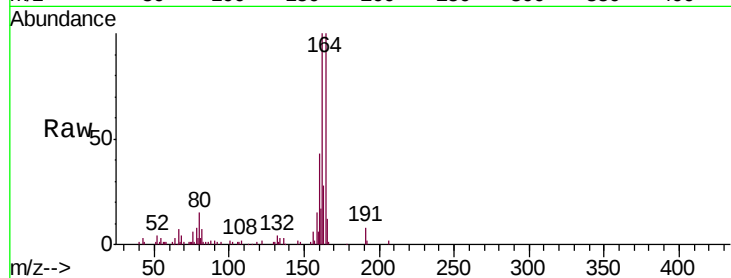
Tgt Ion:164 Resp: 62200

Ion Ratio Lower Upper

164 100

162 100.2 78.8 118.2

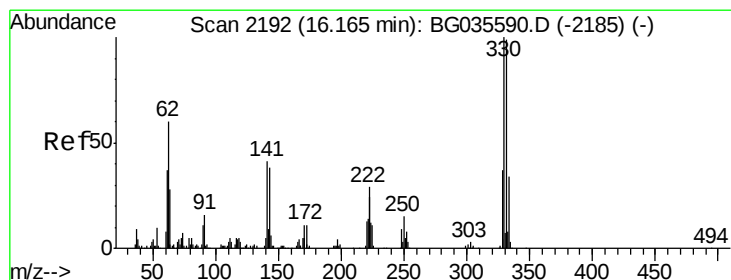
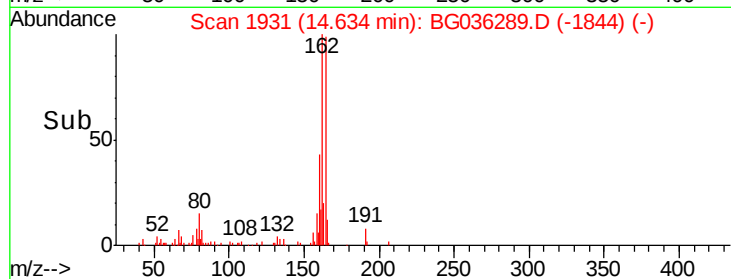
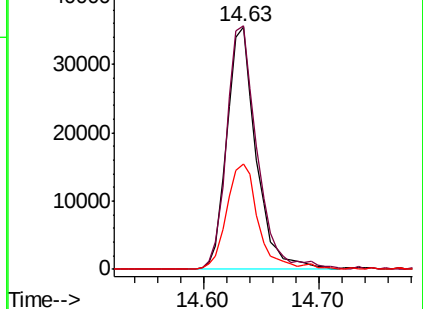
160 43.5 35.4 53.0



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: 112.552 ng

RT: 16.12 min Scan# 2184

Delta R.T. -0.02 min

Lab File: BG036289.D

Acq: 11 Aug 2018 5:54

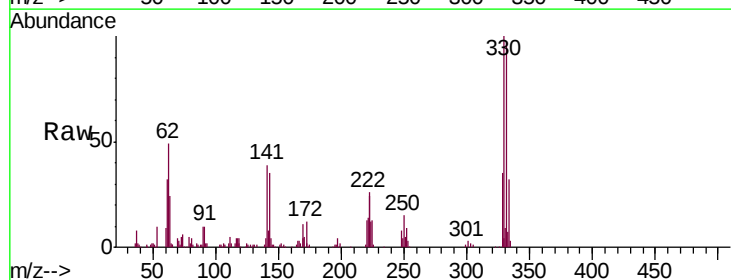
Tgt Ion:330 Resp: 92274

Ion Ratio Lower Upper

330 100

332 97.7 77.0 115.6

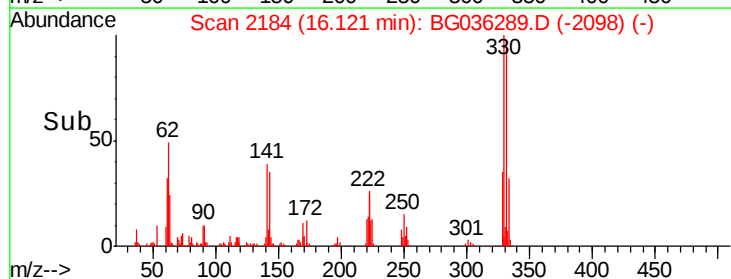
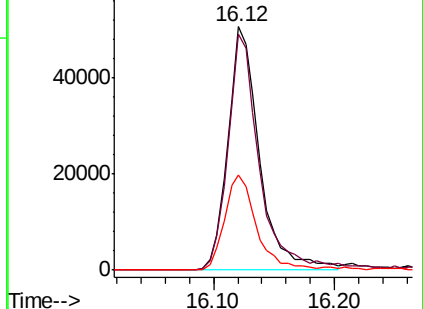
141 38.9 25.2 37.8#

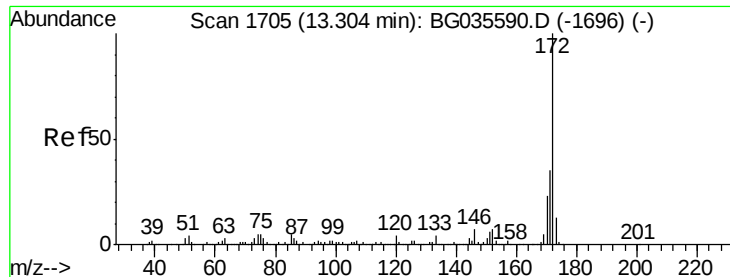


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

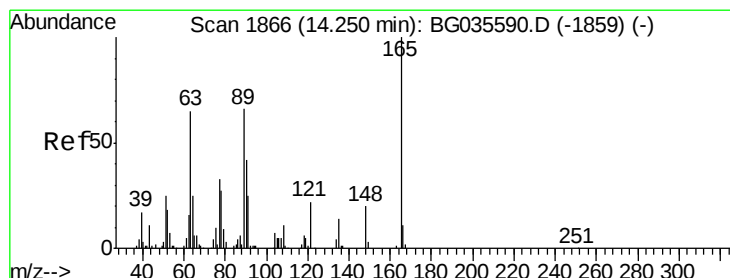
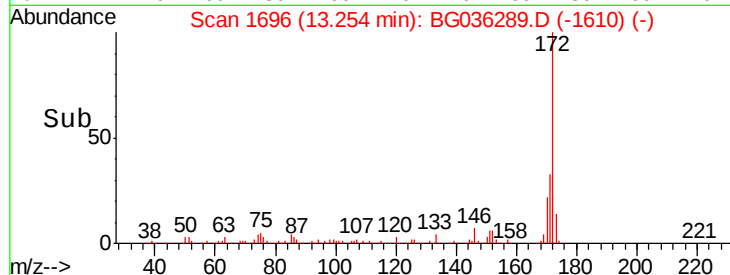
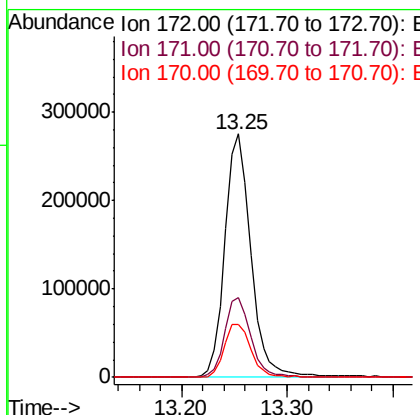
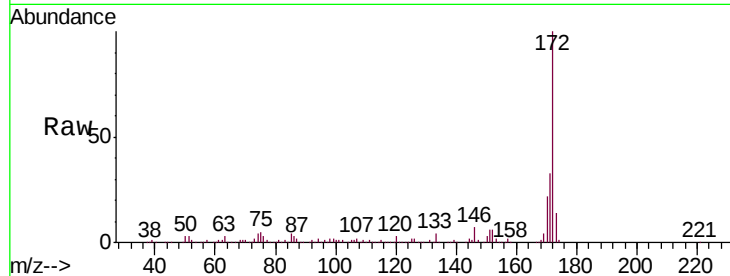




#44
2-Fluorobiphenyl
Concen: 101.343 ng
RT: 13.25 min Scan# 1696
Delta R.T. -0.02 min
Lab File: BG036289.D
Acq: 11 Aug 2018 5:54

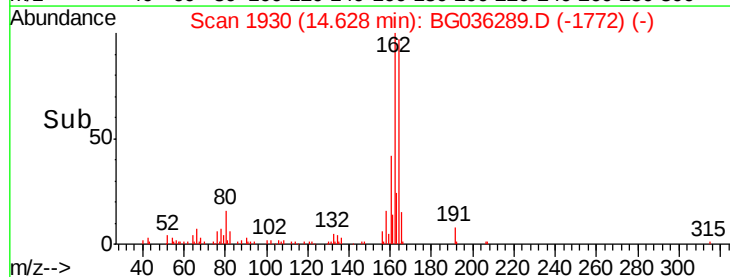
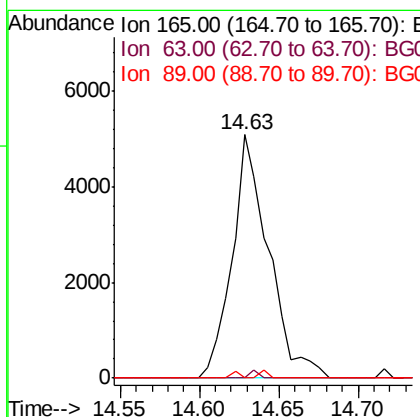
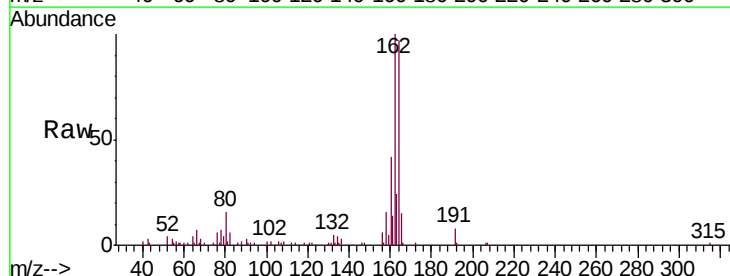
Instrument :
BNA_G
ClientSampleId :
080818-TIPC-E-U-M

Tgt Ion	Ratio	Lower	Upper
172	100		
171	32.9	30.0	45.0
170	21.8	19.5	29.3



#50
2,6-Dinitrotoluene
Concen: 7.319 ng
RT: 14.63 min Scan# 1930
Delta R.T. 0.40 min
Lab File: BG036289.D
Acq: 11 Aug 2018 5:54

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: 5.101 ng

RT: 14.63 min Scan# 1930

Delta R.T. -0.39 min

Lab File: BG036289.D

Acq: 11 Aug 2018 5:54

Instrument :

BNA_G

ClientSampleId :

080818-TIPC-E-U-M

Tgt Ion:165 Resp: 8122

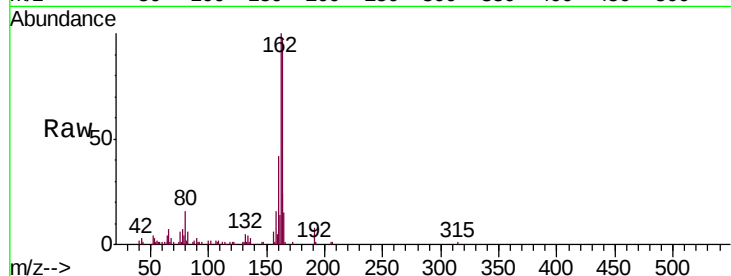
Ion Ratio Lower Upper

165 100

63 0.0 42.0 63.0#

89 0.0 66.9 100.3#

182 0.0 2.6 3.8#

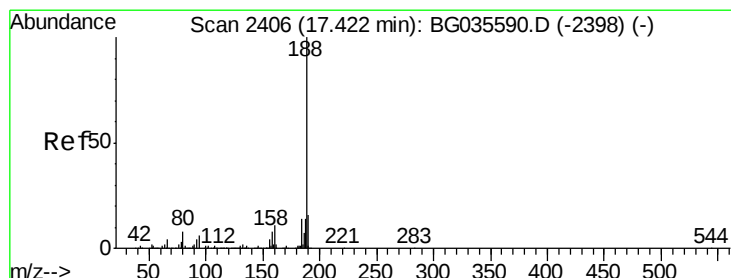
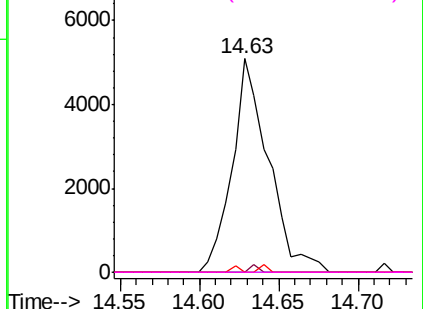
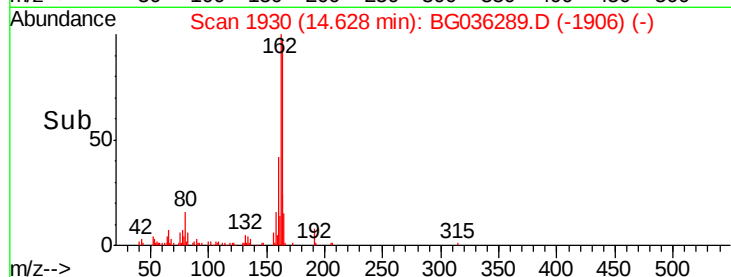


Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.38 min Scan# 2398

Delta R.T. -0.02 min

Lab File: BG036289.D

Acq: 11 Aug 2018 5:54

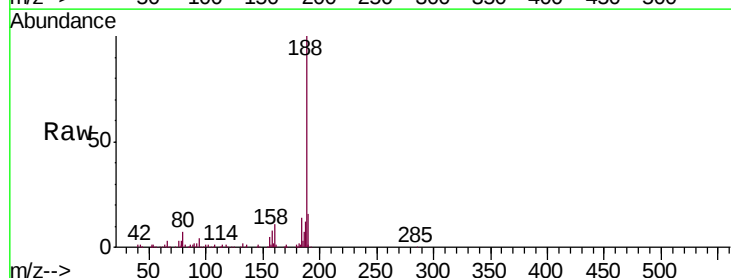
Tgt Ion:188 Resp: 178387

Ion Ratio Lower Upper

188 100

94 4.3 6.9 10.3#

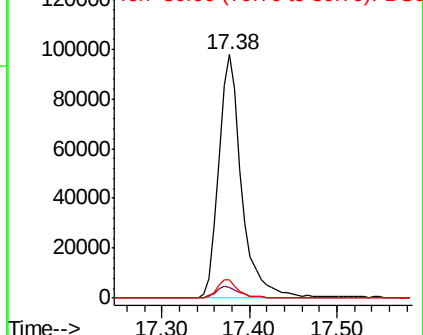
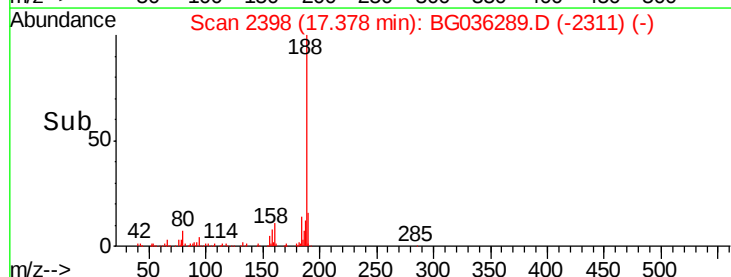
80 7.4 7.7 11.5#

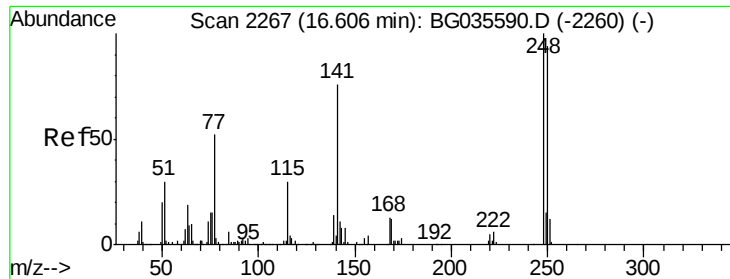


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

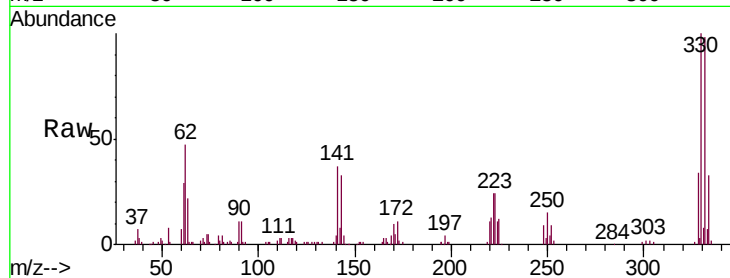




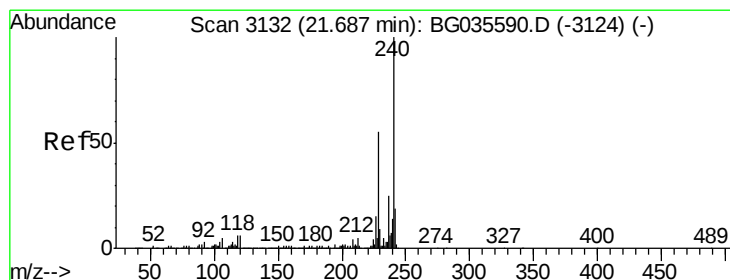
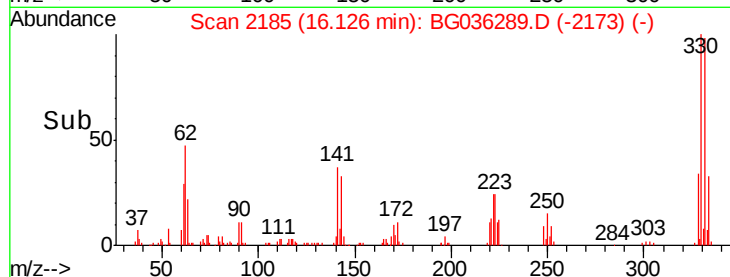
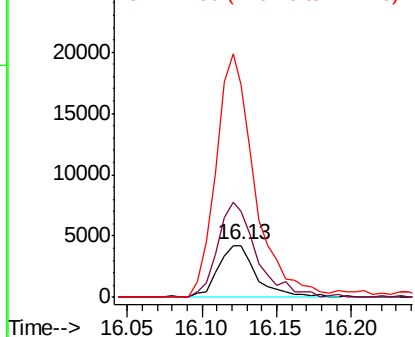
#66
 4-Bromophenyl-phenylether
 Concen: 3.674 ng
 RT: 16.13 min Scan# 2185
 Delta R.T. -0.46 min
 Lab File: BG036289.D
 Acq: 11 Aug 2018 5:54

Instrument :
 BNA_G
 ClientSampleId :
 080818-TIPC-E-U-M

Tgt Ion: 248 Resp: 7604
 Ion Ratio Lower Upper
 248 100
 250 166.1 77.1 115.7#
 141 412.7 50.8 76.2#

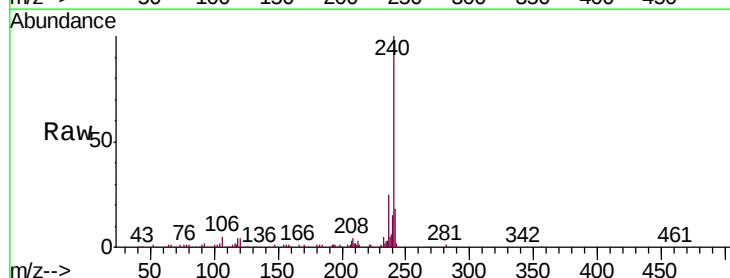


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

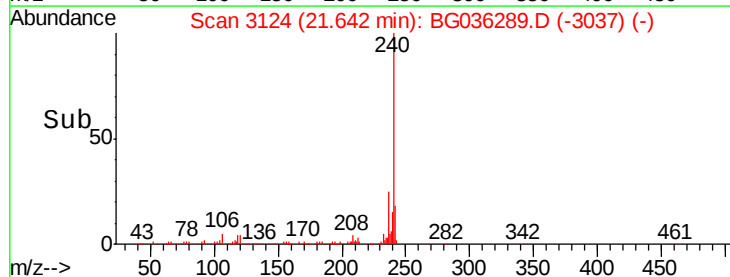
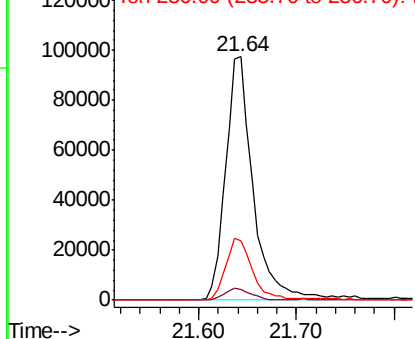


#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.64 min Scan# 3124
 Delta R.T. -0.02 min
 Lab File: BG036289.D
 Acq: 11 Aug 2018 5:54

Tgt Ion: 240 Resp: 189858
 Ion Ratio Lower Upper
 240 100
 120 4.5 6.8 10.2#
 236 24.5 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: 3.249 ng

RT: 19.98 min Scan# 2841

Delta R.T. 0.35 min

Lab File: BG036289.D

Acq: 11 Aug 2018 5:54

Instrument :

BNA_G

ClientSampleId :

080818-TIPC-E-U-M

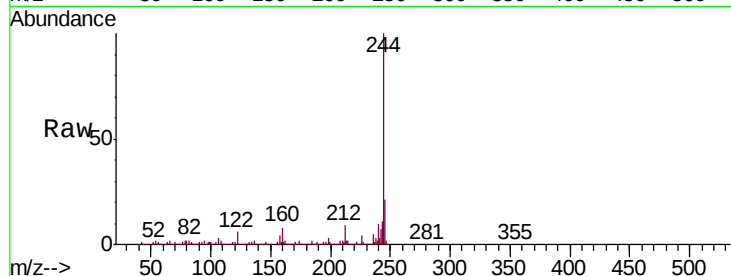
Tgt Ion:184 Resp: 16216

Ion Ratio Lower Upper

184 100

185 13.8 11.1 16.7

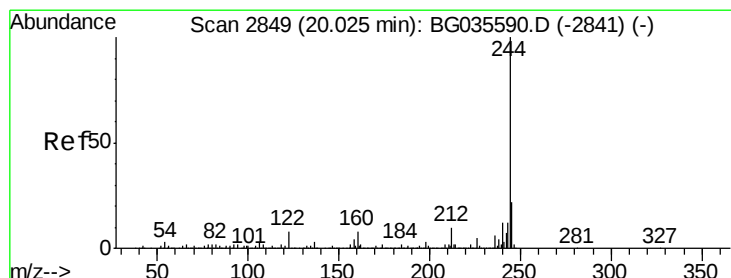
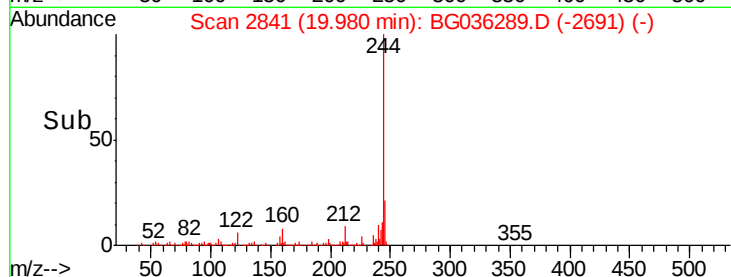
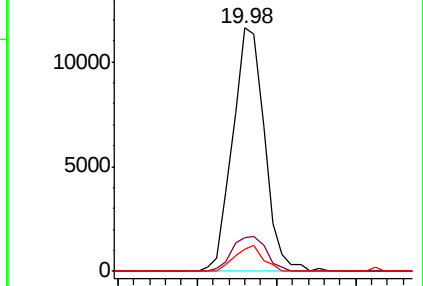
183 9.1 10.6 16.0#



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: 101.747 ng

RT: 19.98 min Scan# 2841

Delta R.T. -0.02 min

Lab File: BG036289.D

Acq: 11 Aug 2018 5:54

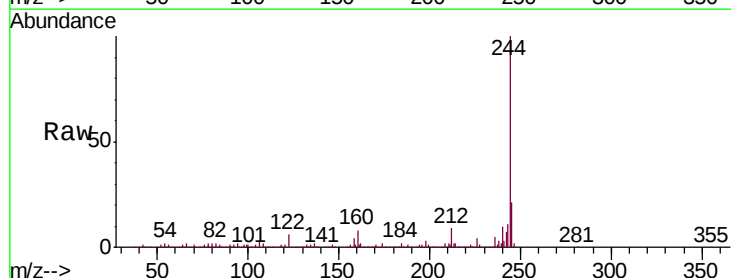
Tgt Ion:244 Resp: 876352

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

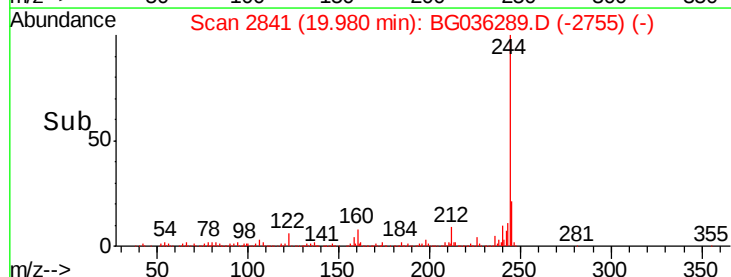
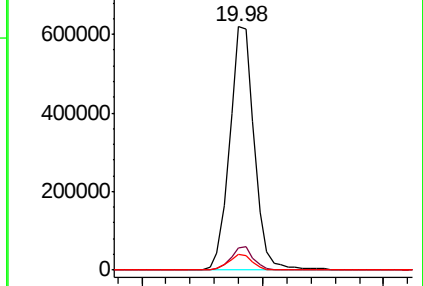
122 6.2 7.0 10.4#

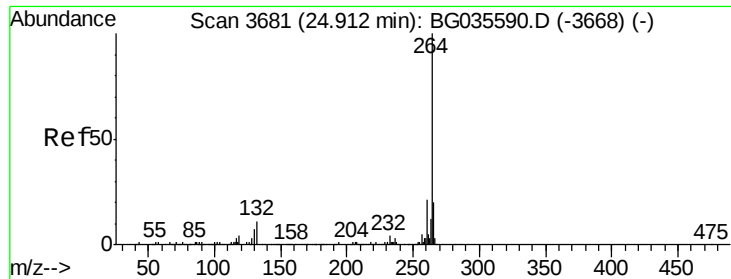


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.83 min Scan# 3666
Delta R.T. -0.03 min
Lab File: BG036289.D
Acq: 11 Aug 2018 5:54

Instrument :
BNA_G
ClientSampleId :
080818-TIPC-E-U-M

Tgt Ion:	264	Resp:	175230
Ion	Ratio	Lower	Upper
264	100		
260	24.8	17.4	26.0
265	22.5	17.7	26.5

