

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071718\
 Data File : BG035710.D
 Acq On : 18 Jul 2018 9:43
 Operator : JU/SJ
 Sample : J3990-10
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 071218-TIPC-F-U-S

Quant Time: Jul 18 10:54:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 12 14:43:32 2018
 Response via : Initial Calibration

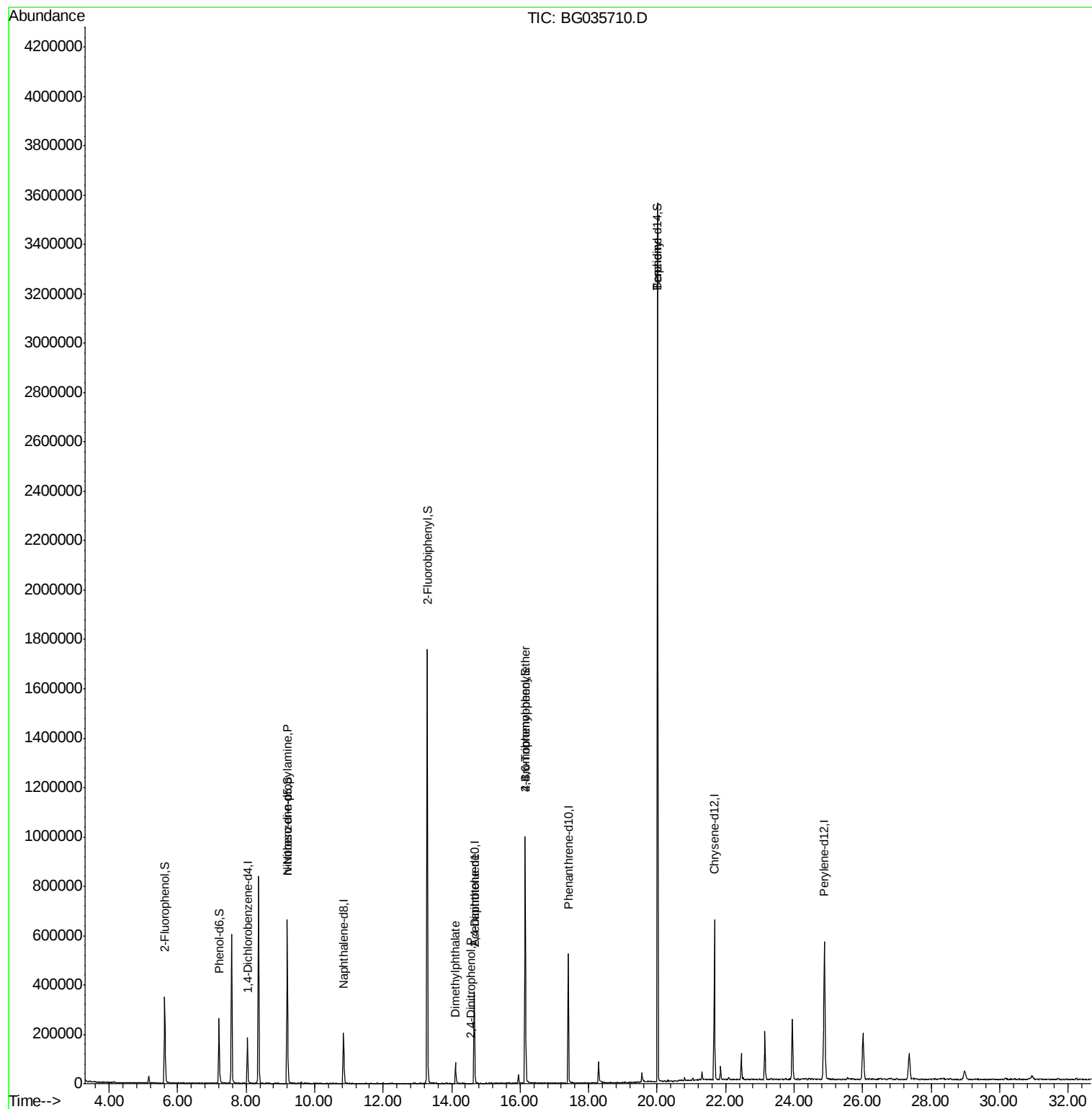
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	52557	20.00	ng	-0.02
21) Naphthalene-d8	10.84	136	187067	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	127105	20.00	ng	-0.02
63) Phenanthrene-d10	17.41	188	350140	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	415305	20.00	ng	-0.02
86) Perylene-d12	24.88	264	397001	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	167042	52.77	ng	0.00
7) Phenol-d6	7.21	99	162107	34.32	ng	0.00
23) Nitrobenzene-d5	9.20	82	449738	100.43	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	176574	105.40	ng	-0.02
44) 2-Fluorobiphenyl	13.29	172	1001255	105.54	ng	-0.02
78) Terphenyl-d14	20.01	244	1686481	89.51	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	63271	15.908	ng	# 66
49) Dimethylphthalate	14.11	163	68915	6.188	ng	# 96
53) 2,4-Dinitrophenol	14.56	184	58	6.628	ng	# 1
56) 2,4-Dinitrotoluene	14.66	165	17506	5.381	ng	# 20
66) 4-Bromophenyl-phenylether	16.15	248	14729	3.626	ng	# 1
76) Benzidine	20.01	184	30533	2.796	ng	# 92

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071718\
Data File : BG035710.D
Acq On : 18 Jul 2018 9:43
Operator : JU/SJ
Sample : J3990-10
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
071218-TIPC-F-U-S

Quant Time: Jul 18 10:54:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 12 14:43:32 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 808

Delta R.T. -0.02 min

Lab File: BG035710.D

Acq: 18 Jul 2018 9:43

Instrument :

BNA_G

ClientSampleId :

071218-TIPC-F-U-S

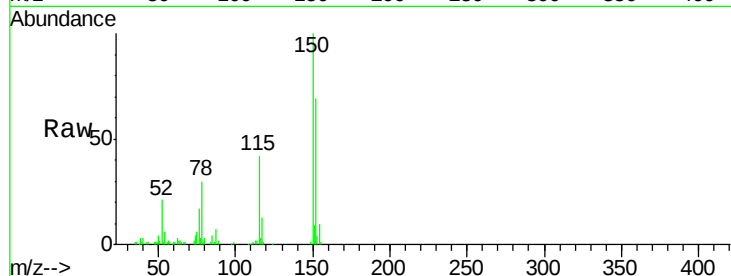
Tgt Ion:152 Resp: 52557

Ion Ratio Lower Upper

152 100

150 145.5 126.6 189.8

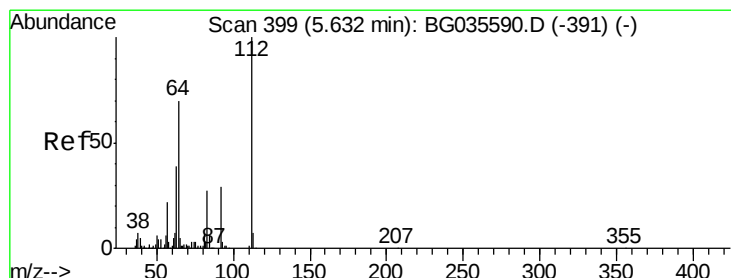
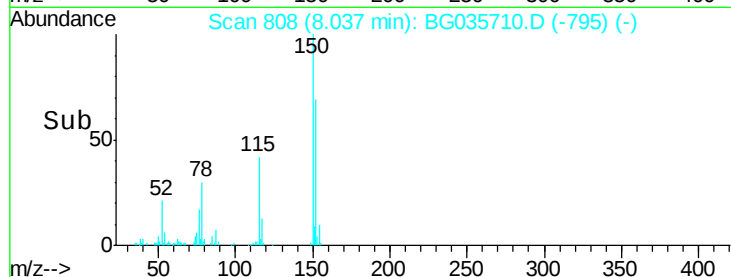
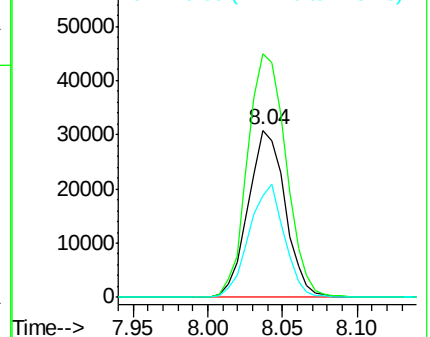
115 60.8 53.0 79.4



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: 52.767 ng

RT: 5.62 min Scan# 397

Delta R.T. -0.01 min

Lab File: BG035710.D

Acq: 18 Jul 2018 9:43

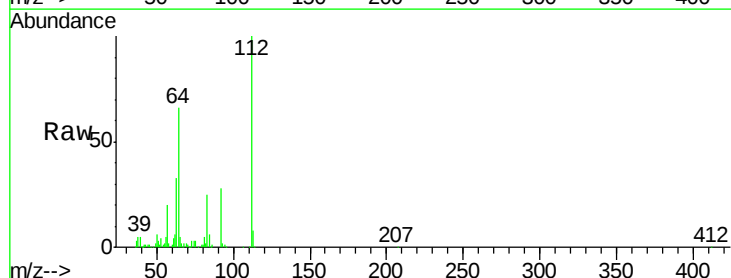
Tgt Ion:112 Resp: 167042

Ion Ratio Lower Upper

112 100

64 65.5 56.3 84.5

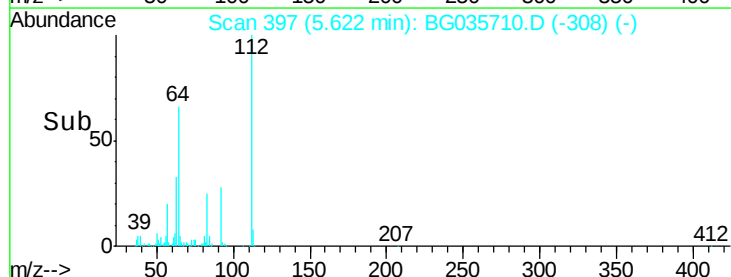
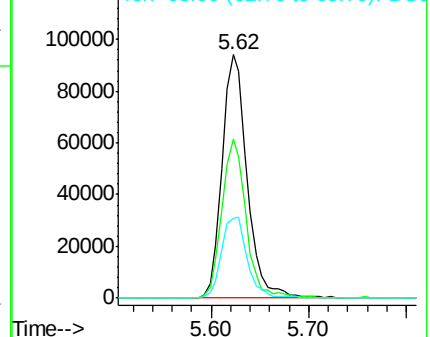
63 32.7 30.1 45.1

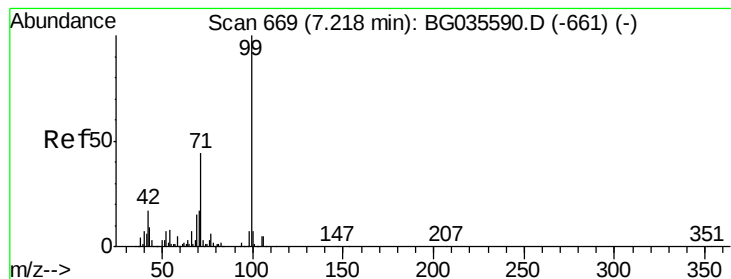


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 34.322 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG035710.D

Acq: 18 Jul 2018 9:43

Instrument :

BNA_G

ClientSampleId :

071218-TIPC-F-U-S

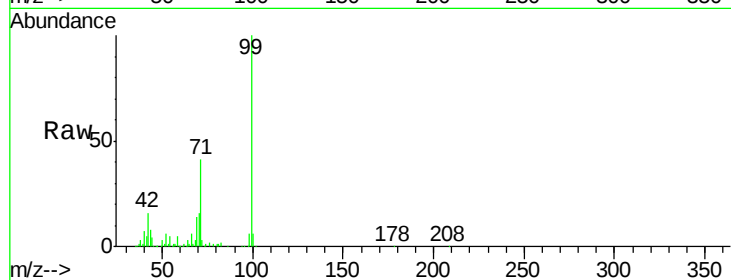
Tgt Ion: 99 Resp: 162107

Ion Ratio Lower Upper

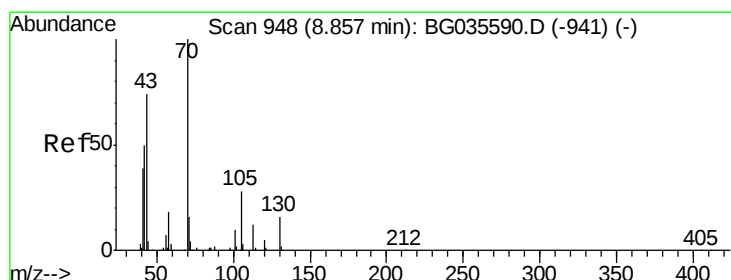
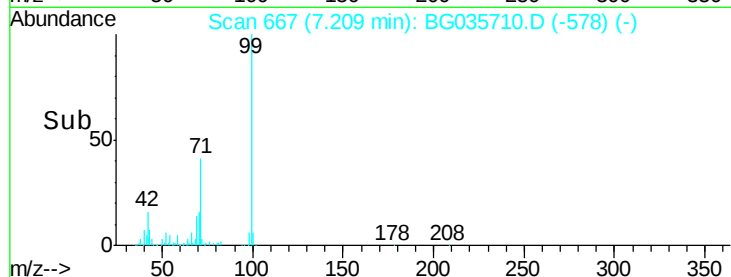
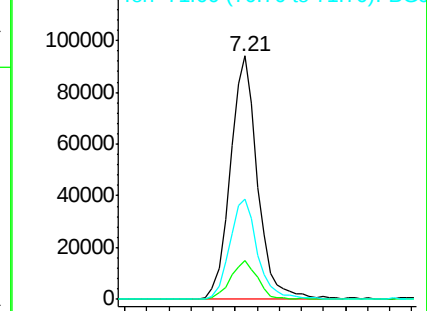
99 100

42 15.8 14.1 21.1

71 41.4 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



#19

n-Nitroso-di-n-propylamine

Concen: 15.908 ng

RT: 9.20 min Scan# 1006

Delta R.T. 0.34 min

Lab File: BG035710.D

Acq: 18 Jul 2018 9:43

Tgt Ion: 70 Resp: 63271

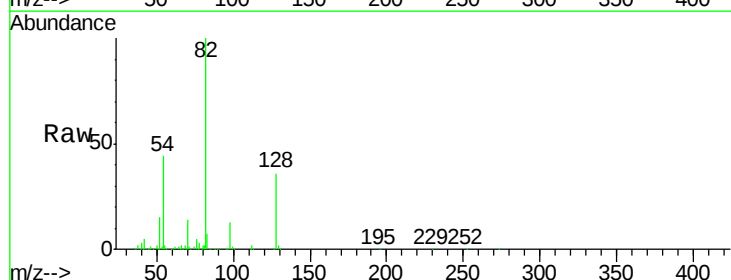
Ion Ratio Lower Upper

70 100

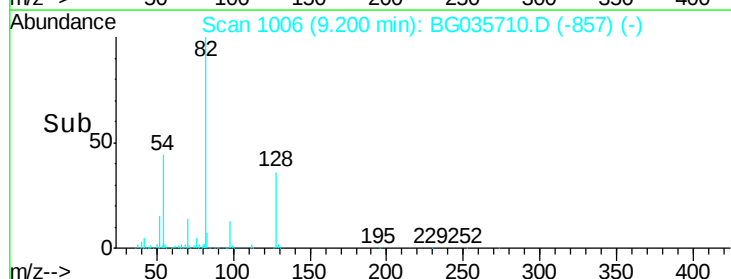
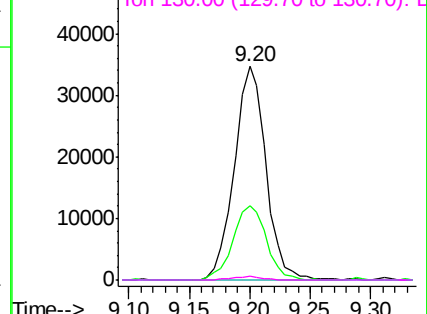
42 34.8 49.1 73.7#

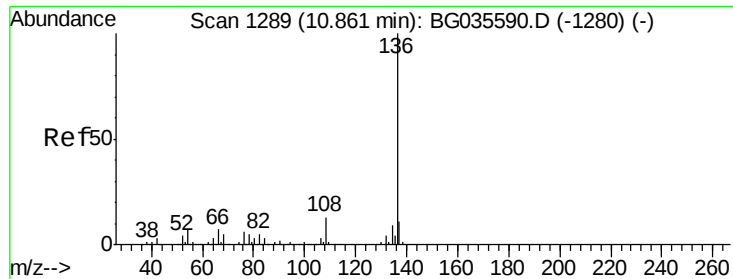
101 0.0 8.5 12.7#

130 1.9 13.4 20.0#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

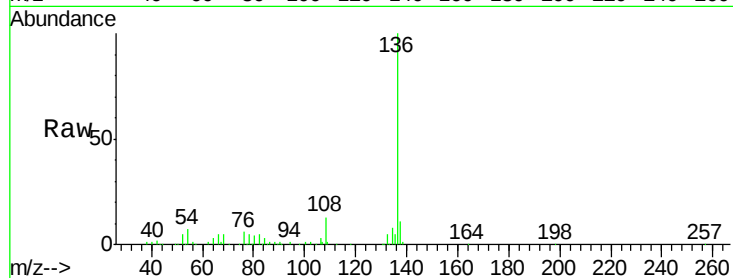




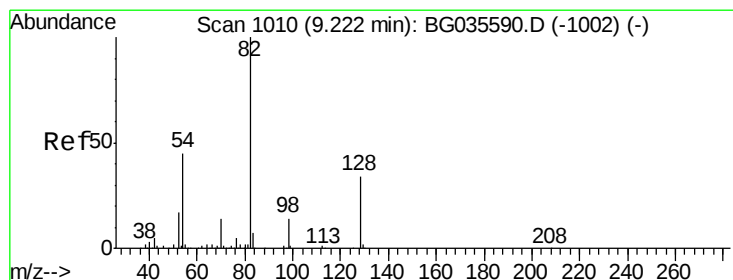
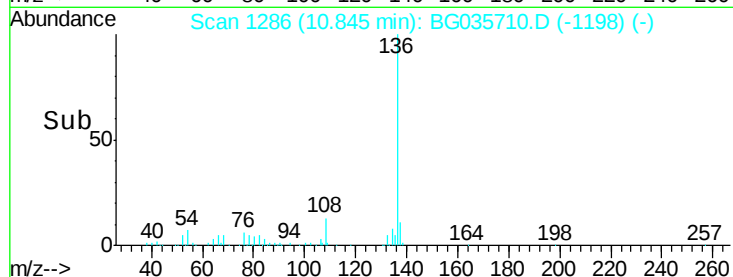
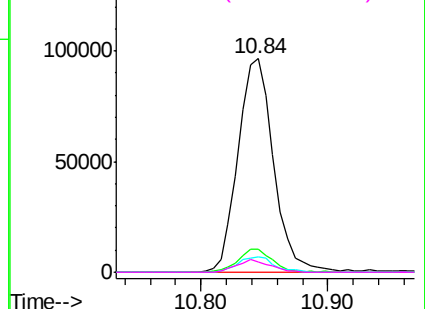
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1286
Delta R.T. -0.02 min
Lab File: BG035710.D
Acq: 18 Jul 2018 9:43

Instrument :
BNA_G
ClientSampleId :
071218-TIPC-F-U-S

Tgt Ion:	136	Resp:	187067
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.2	13.8
54	7.0	10.3	15.5
68	5.1	4.5	6.7

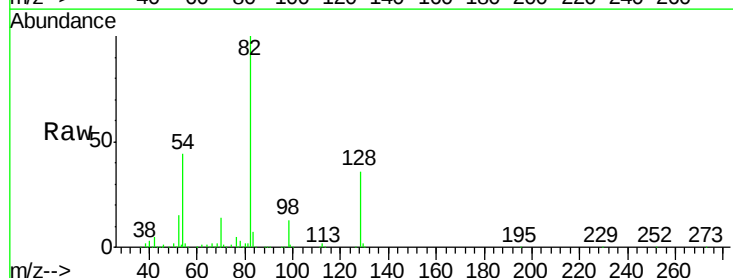


Abundance Ion 136.00 (135.70 to 136.70): E
150000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

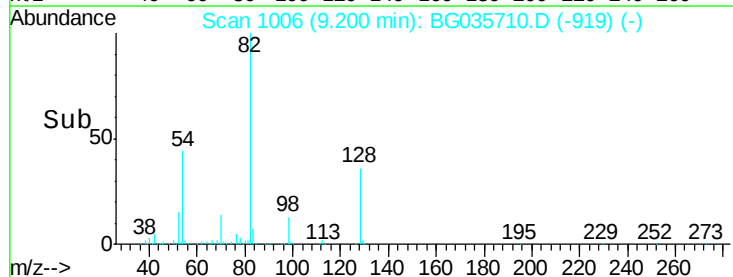
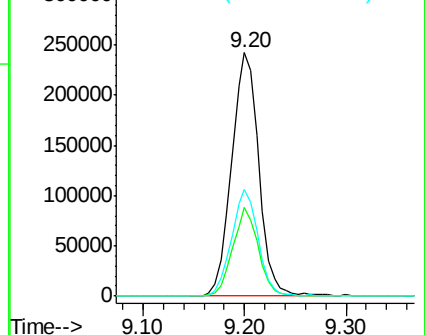


#23
Nitrobenzene-d5
Concen: 100.433 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BG035710.D
Acq: 18 Jul 2018 9:43

Tgt Ion:	82	Resp:	449738
Ion Ratio	Lower	Upper	
82	100		
128	36.4	29.7	44.5
54	43.9	43.1	64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
300000
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: 14.66 min Scan# 1936

Delta R.T. -0.02 min

Lab File: BG035710.D

Acq: 18 Jul 2018 9:43

Instrument :

BNA_G

ClientSampleId :

071218-TIPC-F-U-S

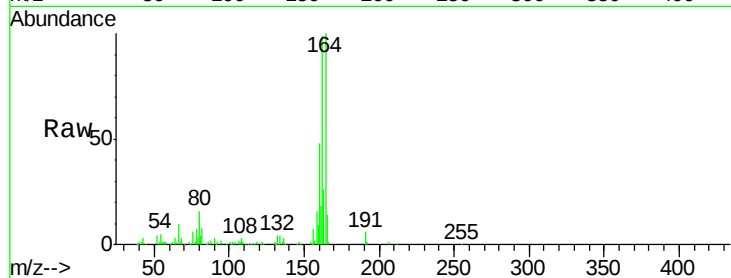
Tgt Ion:164 Resp: 127105

Ion Ratio Lower Upper

164 100

162 99.3 78.8 118.2

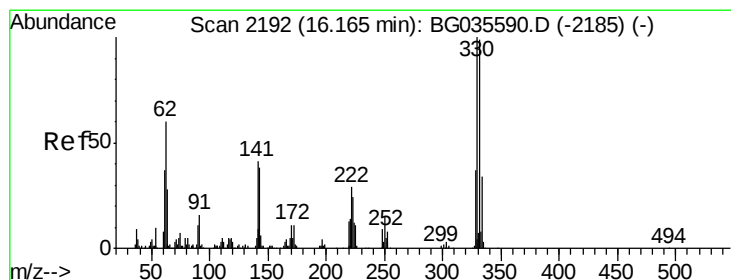
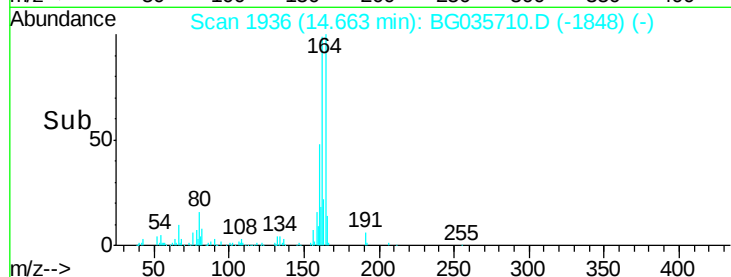
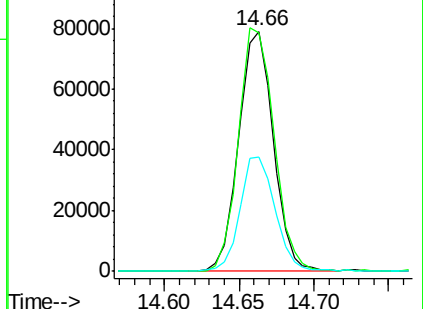
160 47.6 35.4 53.0



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: 105.397 ng

RT: 16.15 min Scan# 2189

Delta R.T. -0.02 min

Lab File: BG035710.D

Acq: 18 Jul 2018 9:43

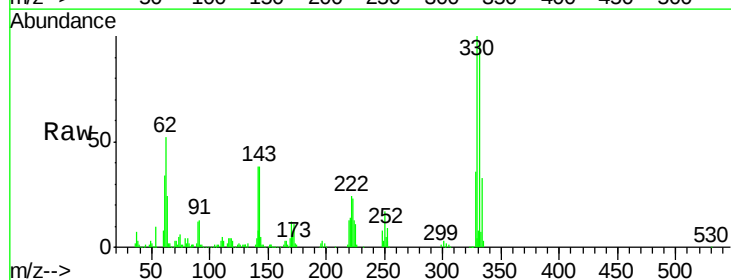
Tgt Ion:330 Resp: 176574

Ion Ratio Lower Upper

330 100

332 96.7 77.0 115.6

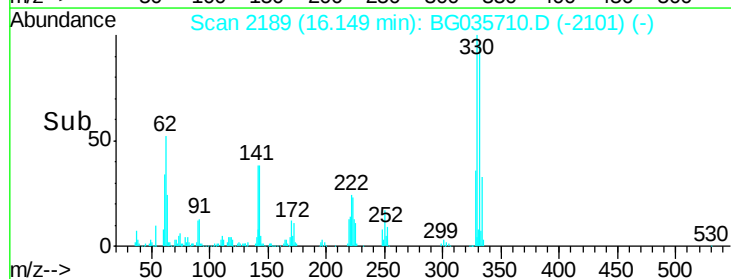
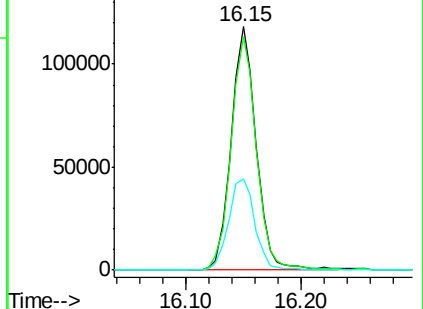
141 39.9 25.2 37.8#

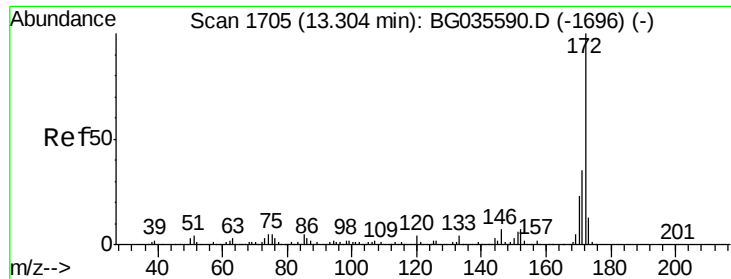


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

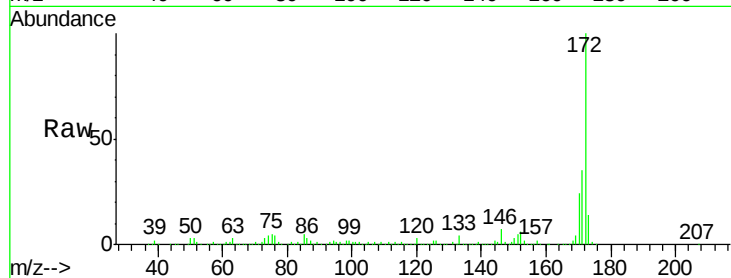




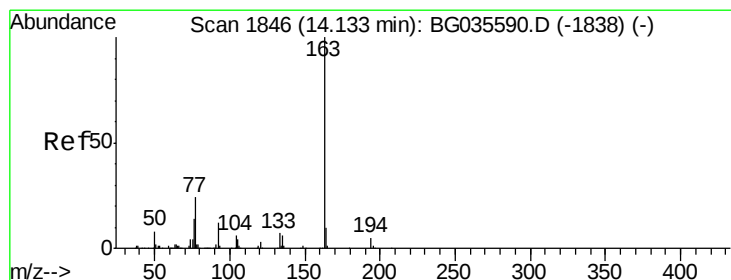
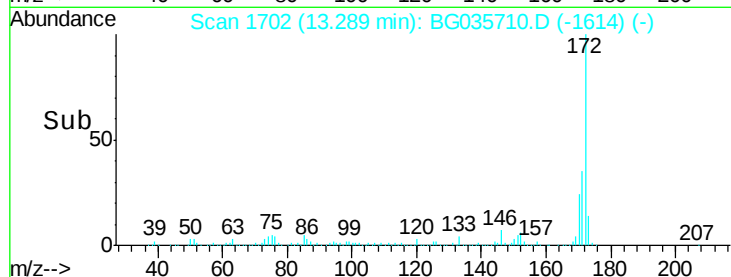
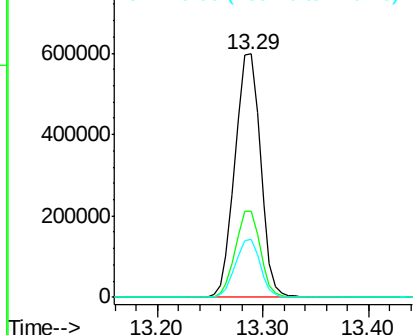
#44
2-Fluorobiphenyl
Concen: 105.537 ng
RT: 13.29 min Scan# 1702
Delta R.T. -0.02 min
Lab File: BG035710.D
Acq: 18 Jul 2018 9:43

Instrument :
BNA_G
ClientSampleId :
071218-TIPC-F-U-S

Tgt Ion:172 Resp: 1001255
Ion Ratio Lower Upper
172 100
171 35.5 30.0 45.0
170 23.9 19.5 29.3

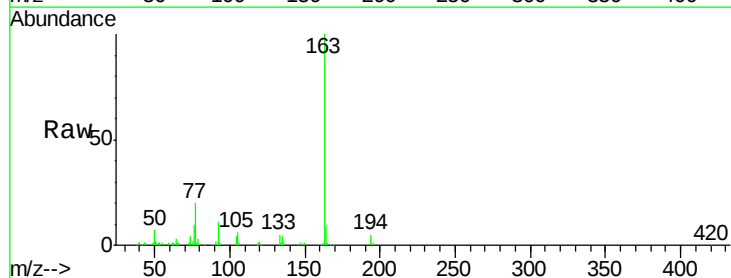


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

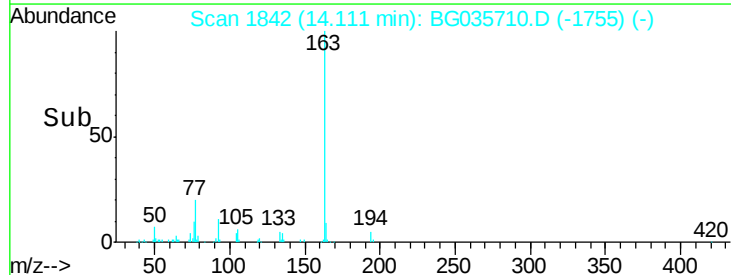
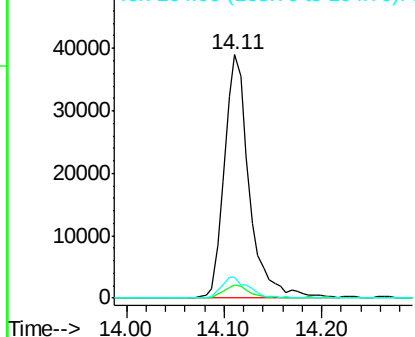


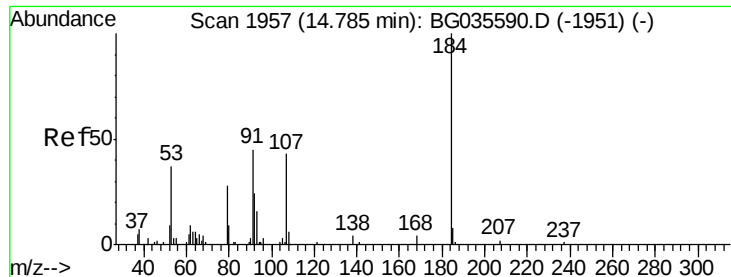
#49
Dimethylphthalate
Concen: 6.188 ng
RT: 14.11 min Scan# 1842
Delta R.T. -0.02 min
Lab File: BG035710.D
Acq: 18 Jul 2018 9:43

Tgt Ion:163 Resp: 68915
Ion Ratio Lower Upper
163 100
194 5.3 3.4 5.2#
164 8.5 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





#53

2,4-Dinitrophenol

Concen: 6.628 ng

RT: 14.56 min Scan# 1919

Delta R.T. -0.22 min

Lab File: BG035710.D

Acq: 18 Jul 2018 9:43

Instrument :

BNA_G

ClientSampleId :

071218-TIPC-F-U-S

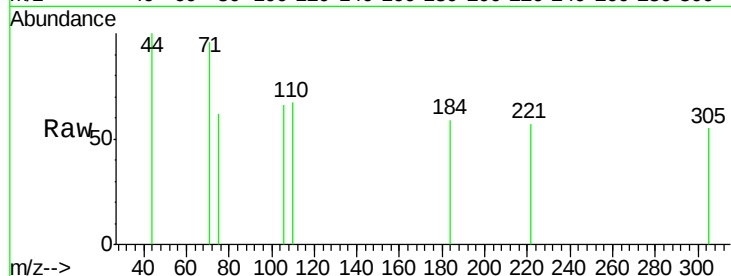
Tgt Ion:184 Resp: 58

Ion Ratio Lower Upper

184 100

63 0.0 59.8 89.8#

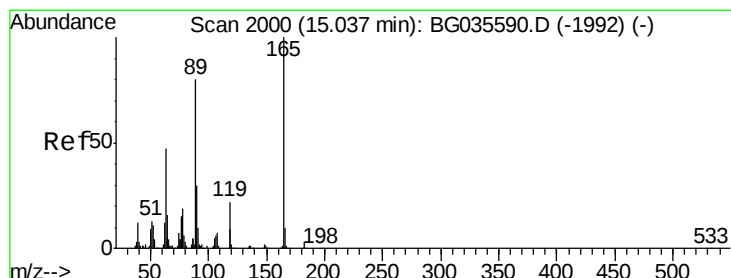
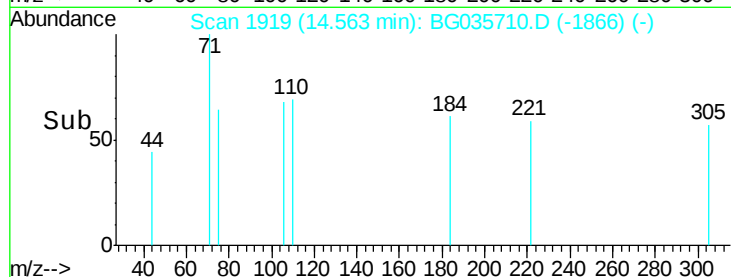
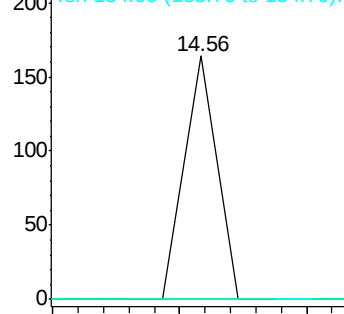
154 0.0 101.8 152.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E



#56

2,4-Dinitrotoluene

Concen: 5.381 ng

RT: 14.66 min Scan# 1935

Delta R.T. -0.38 min

Lab File: BG035710.D

Acq: 18 Jul 2018 9:43

Tgt Ion:165 Resp: 17506

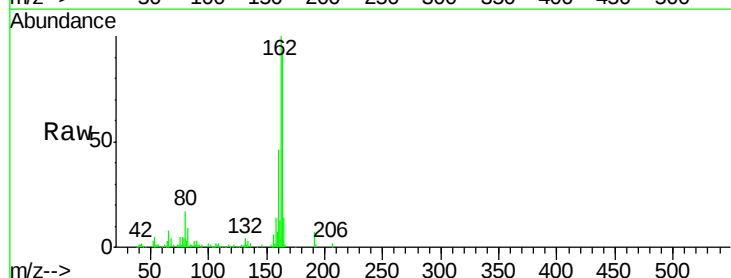
Ion Ratio Lower Upper

165 100

63 1.7 42.0 63.0#

89 4.3 66.9 100.3#

182 0.0 2.6 3.8#

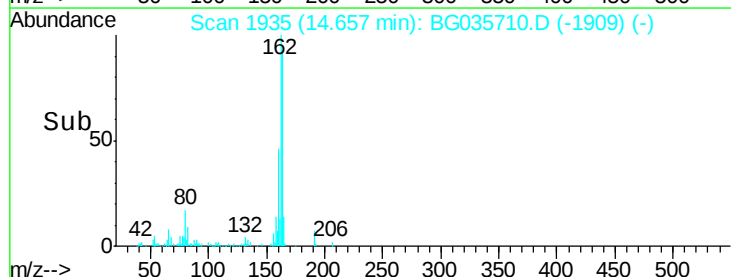
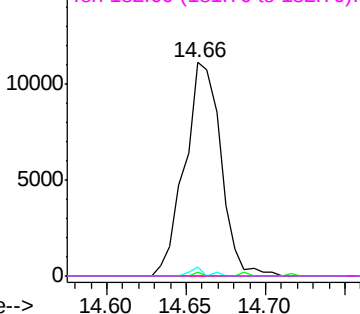


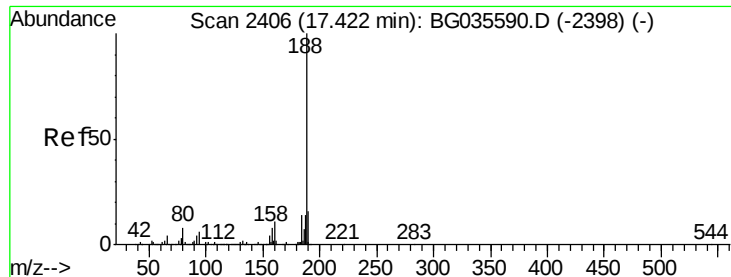
Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.41 min Scan# 2403

Delta R.T. -0.02 min

Lab File: BG035710.D

Acq: 18 Jul 2018 9:43

Instrument :

BNA_G

ClientSampleId :

071218-TIPC-F-U-S

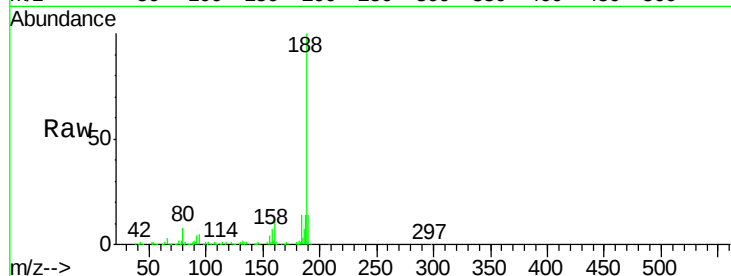
Tgt Ion:188 Resp: 350140

Ion Ratio Lower Upper

188 100

94 5.3 6.9 10.3#

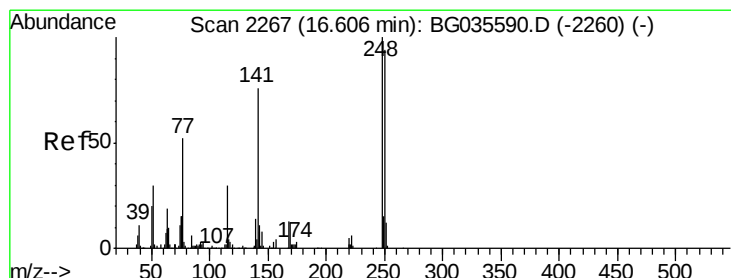
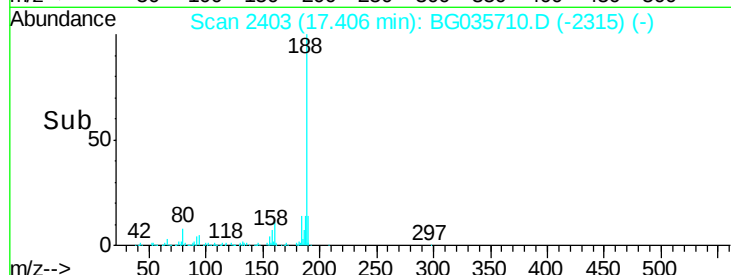
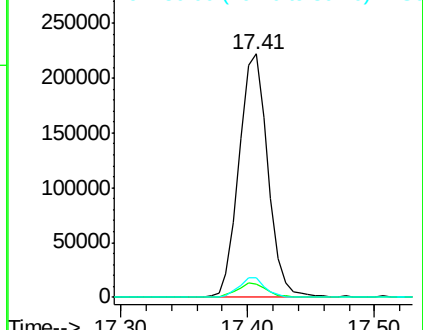
80 7.9 7.7 11.5



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: 3.626 ng

RT: 16.15 min Scan# 2189

Delta R.T. -0.46 min

Lab File: BG035710.D

Acq: 18 Jul 2018 9:43

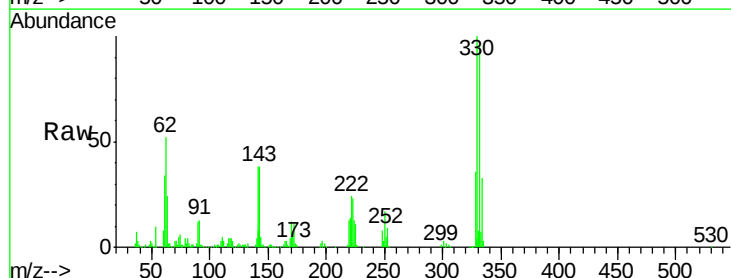
Tgt Ion:248 Resp: 14729

Ion Ratio Lower Upper

248 100

250 209.4 77.1 115.7#

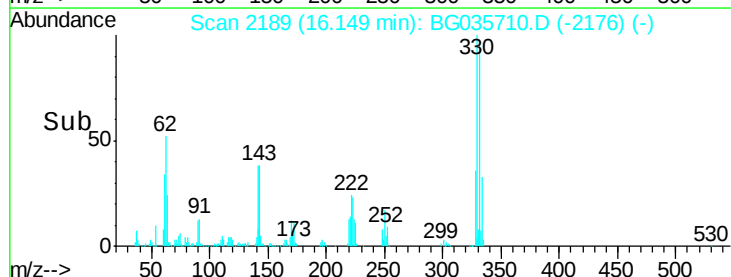
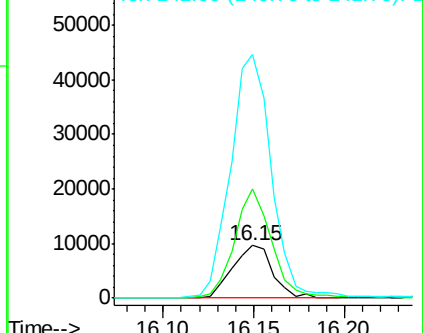
141 464.7 50.8 76.2#



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: 21.67 min Scan# 3129

Delta R.T. -0.02 min

Lab File: BG035710.D

Acq: 18 Jul 2018 9:43

Instrument :

BNA_G

ClientSampleId :

071218-TIPC-F-U-S

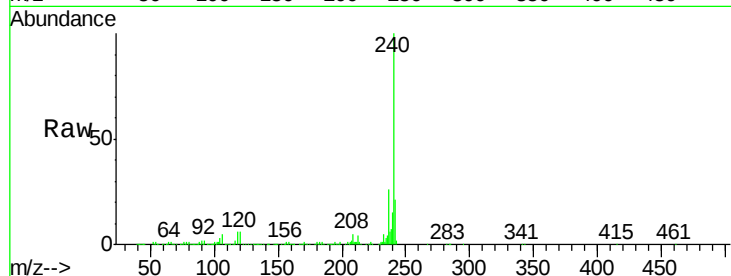
Tgt Ion:240 Resp: 415305

Ion Ratio Lower Upper

240 100

120 6.3 6.8 10.2#

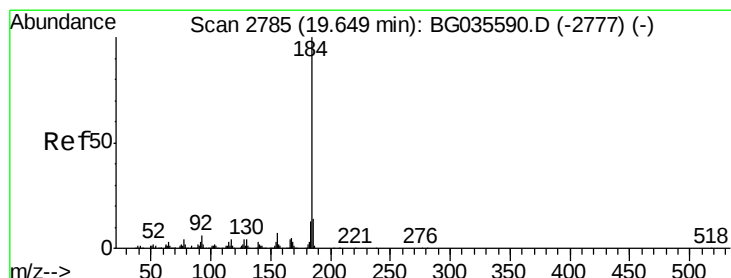
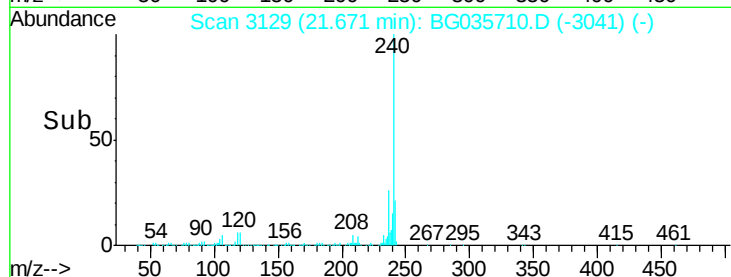
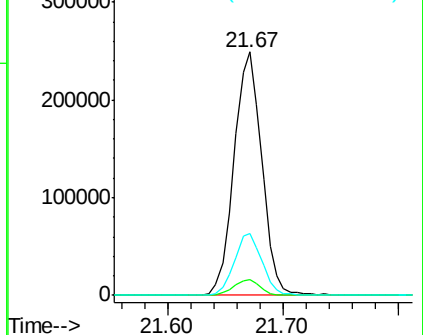
236 25.5 20.9 31.3



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: 2.796 ng

RT: 20.01 min Scan# 2846

Delta R.T. 0.36 min

Lab File: BG035710.D

Acq: 18 Jul 2018 9:43

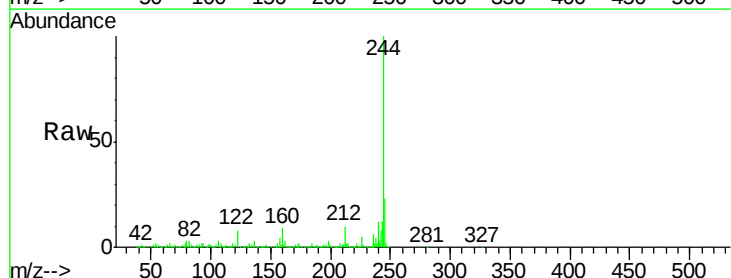
Tgt Ion:184 Resp: 30533

Ion Ratio Lower Upper

184 100

185 14.7 11.1 16.7

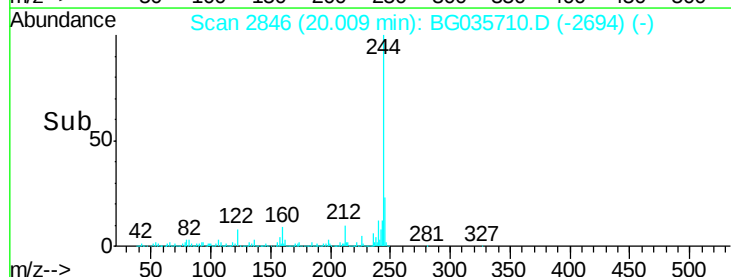
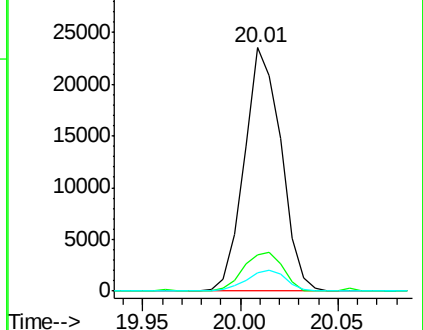
183 7.7 10.6 16.0#

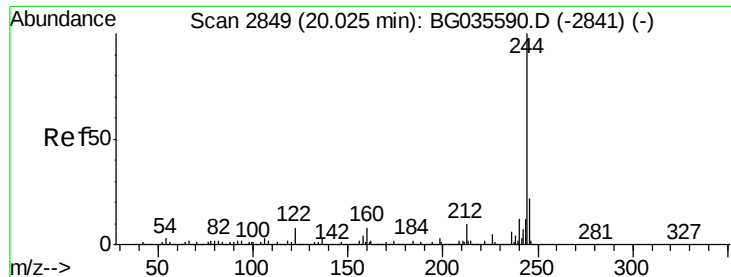


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 89.513 ng

RT: 20.01 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG035710.D

Acq: 18 Jul 2018 9:43

Instrument :

BNA_G

ClientSampleId :

071218-TIPC-F-U-S

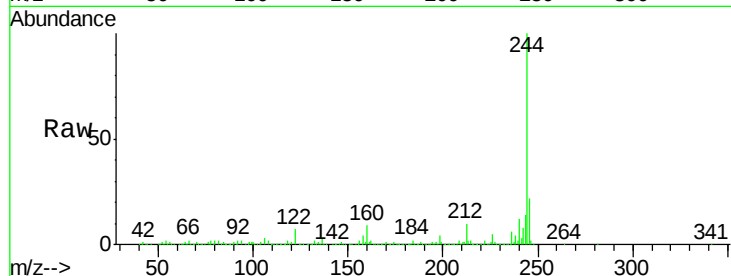
Tgt Ion:244 Resp: 1686481

Ion Ratio Lower Upper

244 100

212 10.0 5.8 8.8#

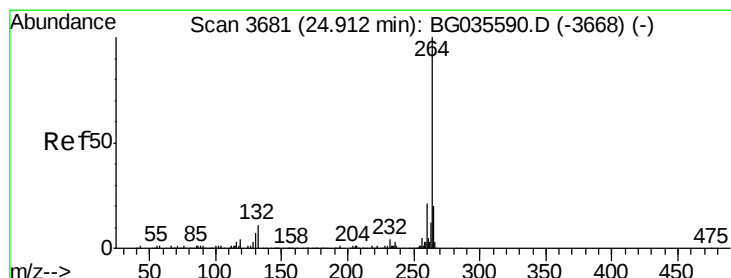
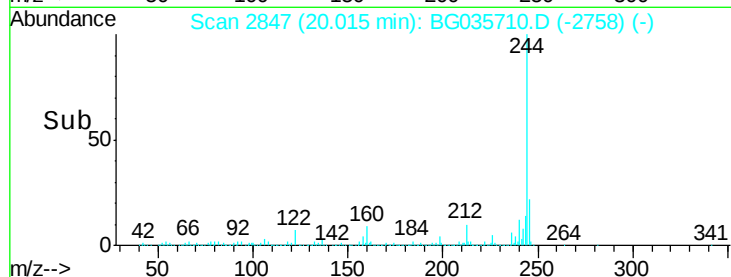
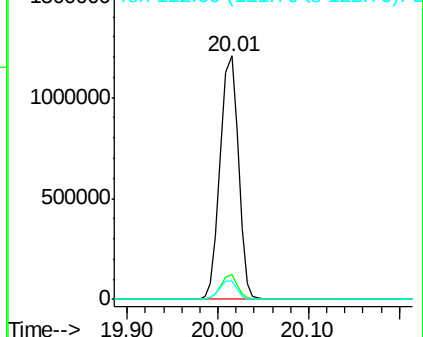
122 7.4 7.0 10.4



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: 24.88 min Scan# 3675

Delta R.T. -0.03 min

Lab File: BG035710.D

Acq: 18 Jul 2018 9:43

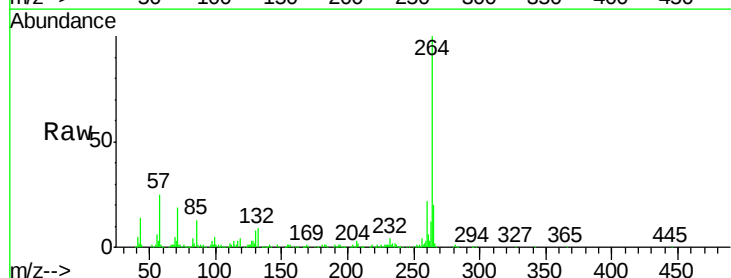
Tgt Ion:264 Resp: 397001

Ion Ratio Lower Upper

264 100

260 22.2 17.4 26.0

265 20.2 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

