

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072018\
 Data File : BG035813.D
 Acq On : 21 Jul 2018 10:23
 Operator : JU/SJ
 Sample : J4062-42
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-10

Quant Time: Jul 23 01:02:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 15:28:54 2018
 Response via : Initial Calibration

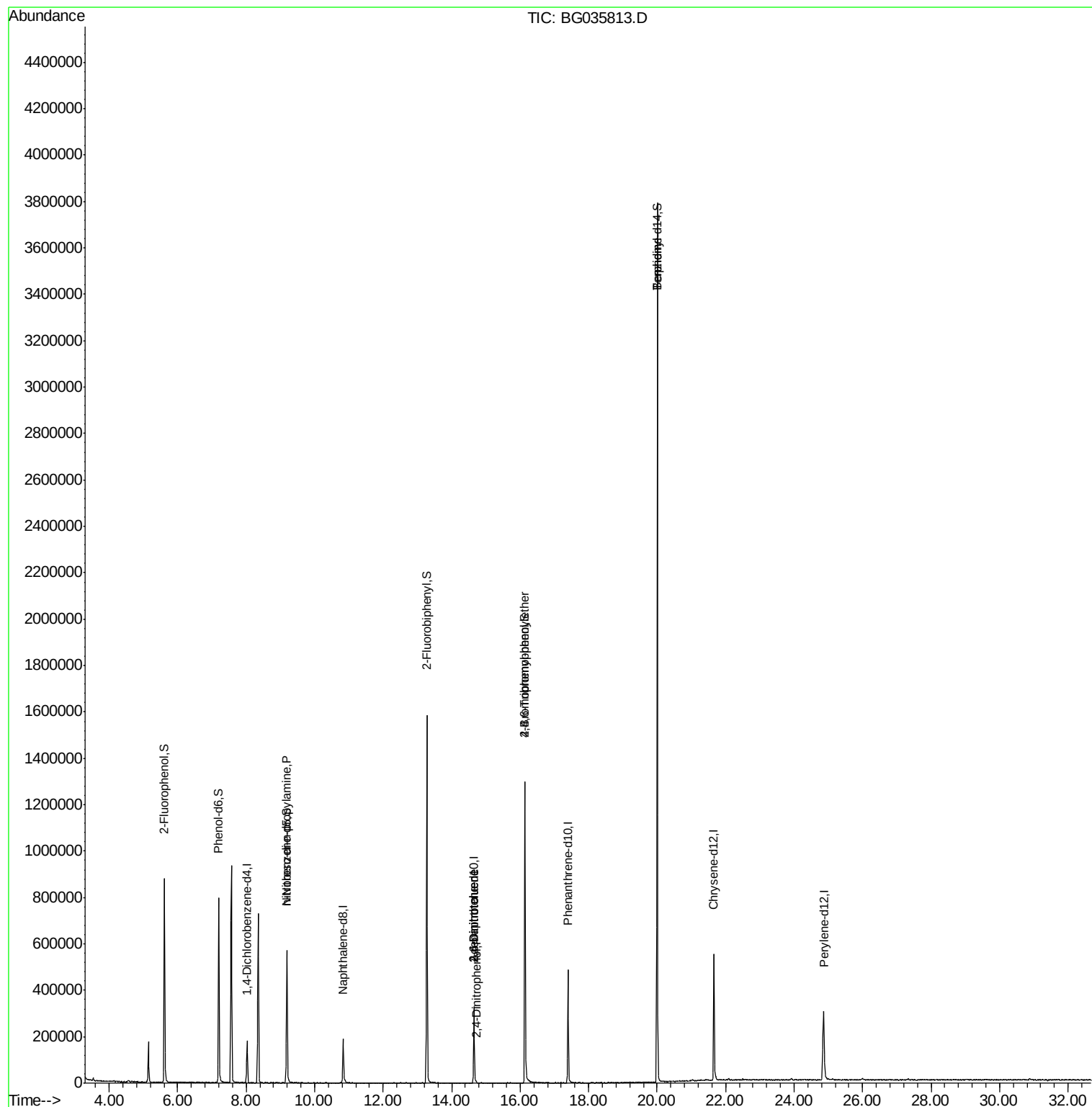
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	51472	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	177329	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	124245	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	341938	20.00	ng	0.00
75) Chrysene-d12	21.65	240	384456	20.00	ng	0.00
86) Perylene-d12	24.86	264	364832	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	392638	126.65	ng	0.00
7) Phenol-d6	7.20	99	489302	105.78	ng	0.00
23) Nitrobenzene-d5	9.19	82	400391	94.32	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	250368	152.88	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	908810	98.00	ng	0.00
78) Terphenyl-d14	20.00	244	1739327	99.73	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	54344	13.952	ng	# 65
50) 2,6-Dinitrotoluene	14.65	165	16205	7.310	ng	# 20
53) 2,4-Dinitrophenol	14.73	184	71	6.639	ng	# 1
56) 2,4-Dinitrotoluene	14.65	165	16205	5.096	ng	# 18
66) 4-Bromophenyl-phenylether	16.14	248	20228	5.099	ng	# 1
76) Benzidine	20.00	184	32504	3.216	ng	# 93

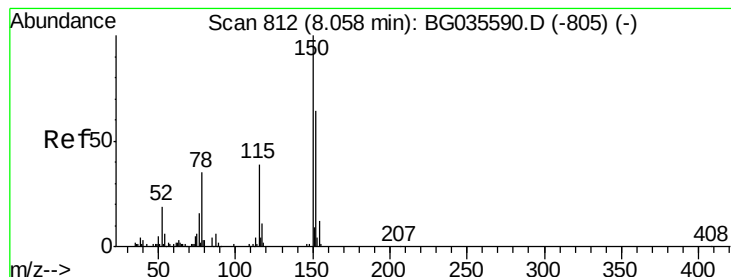
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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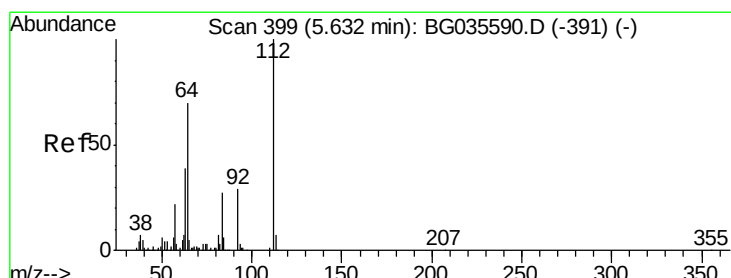
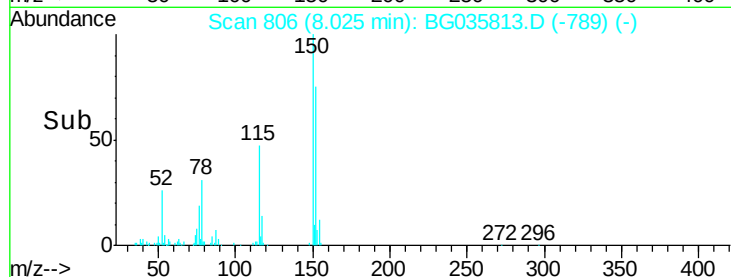
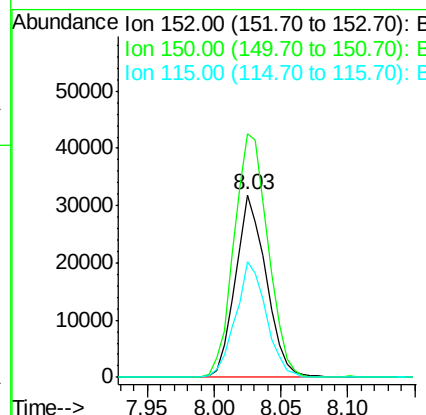
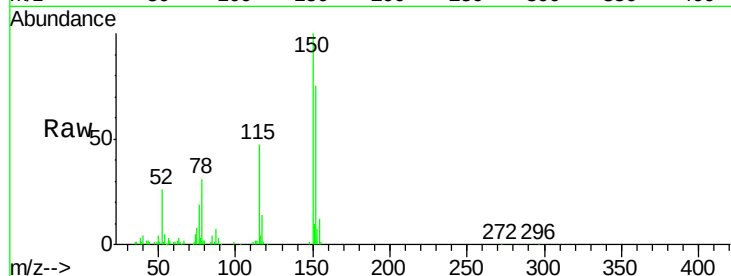


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG035813.D
Acq: 21 Jul 2018 10:23

Instrument :
BNA_G
ClientSampled :
TP-10

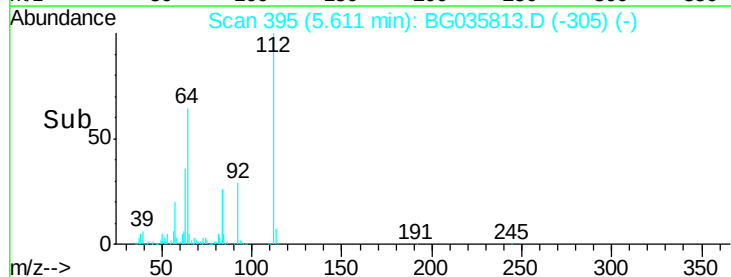
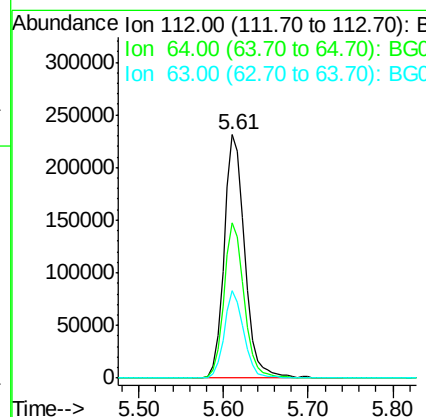
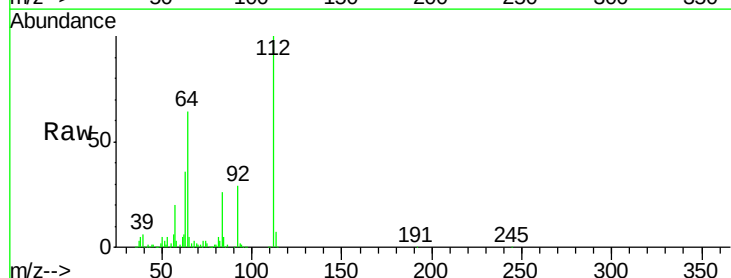
Tgt Ion:152 Resp: 51472
Ion Ratio Lower Upper
152 100
150 133.4 126.6 189.8
115 63.2 53.0 79.4

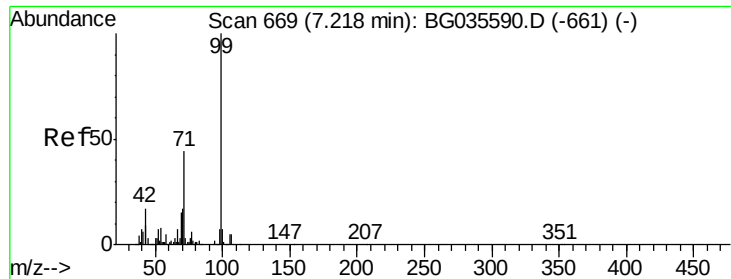


#5

2-Fluorophenol
Concen: 126.646 ng
RT: 5.61 min Scan# 395
Delta R.T. -0.00 min
Lab File: BG035813.D
Acq: 21 Jul 2018 10:23

Tgt Ion:112 Resp: 392638
Ion Ratio Lower Upper
112 100
64 64.0 56.3 84.5
63 35.7 30.1 45.1





#7

Phenol-d6

Concen: 105.782 ng

RT: 7.20 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG035813.D

Acq: 21 Jul 2018 10:23

Instrument :

BNA_G

ClientSampleId :

TP-10

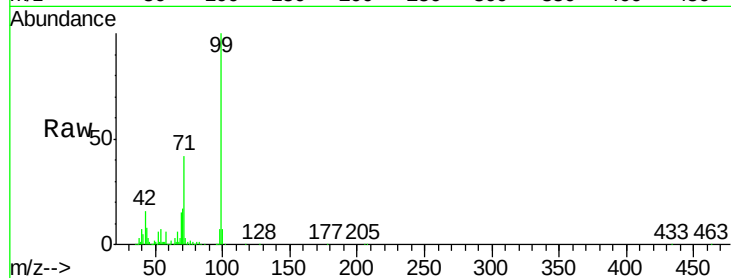
Tgt Ion: 99 Resp: 489302

Ion Ratio Lower Upper

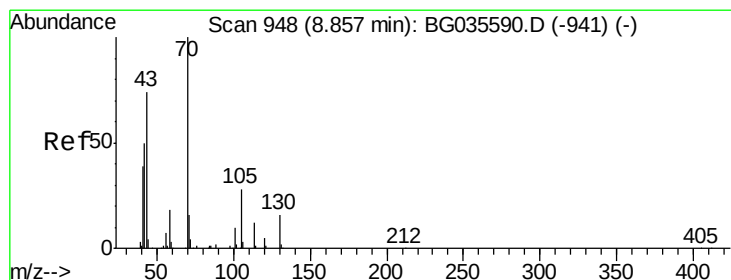
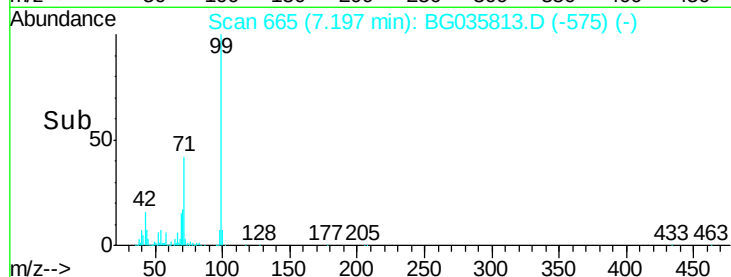
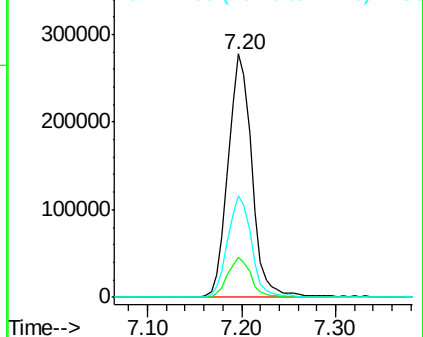
99 100

42 16.3 14.1 21.1

71 42.0 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: 13.952 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.36 min

Lab File: BG035813.D

Acq: 21 Jul 2018 10:23

Tgt Ion: 70 Resp: 54344

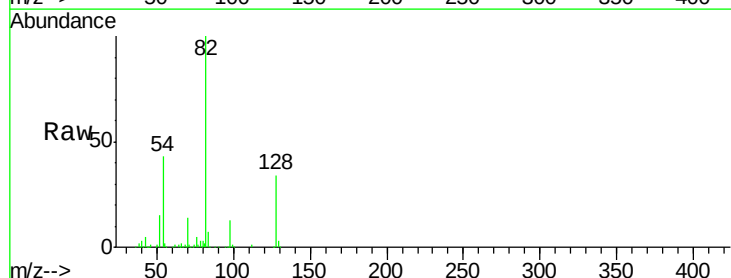
Ion Ratio Lower Upper

70 100

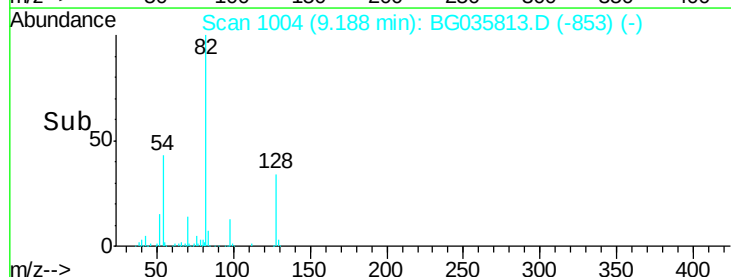
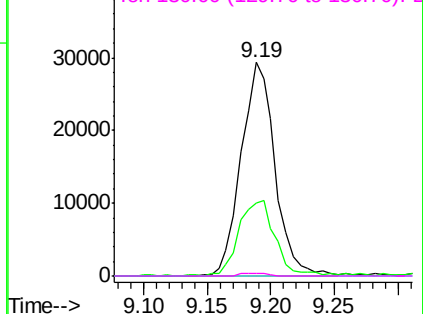
42 34.2 49.1 73.7#

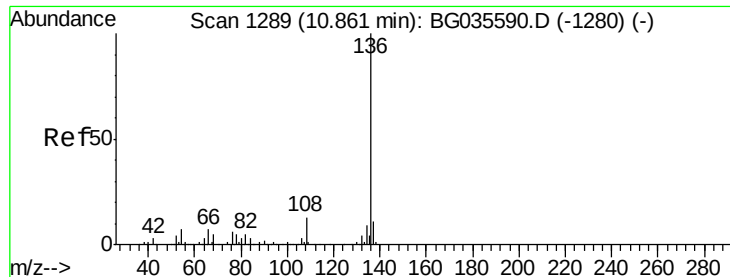
101 0.0 8.5 12.7#

130 1.1 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

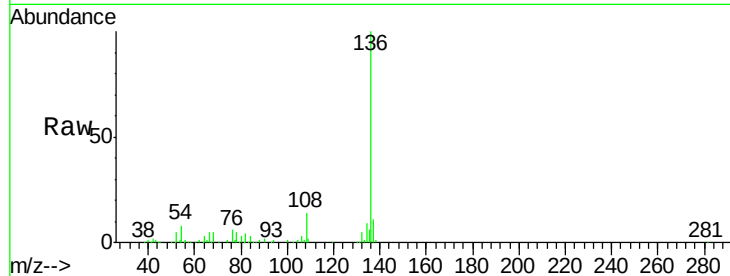




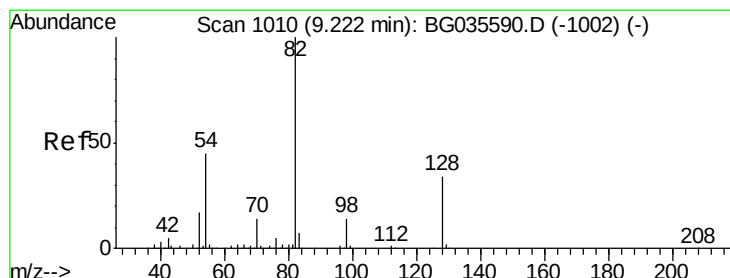
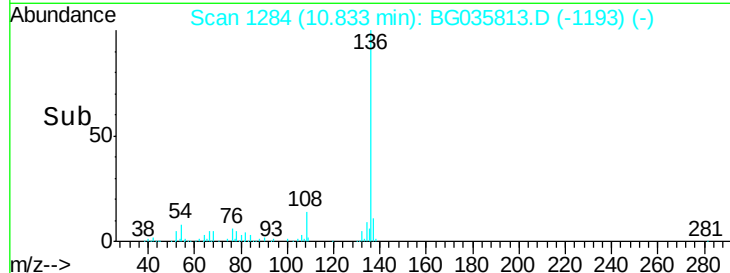
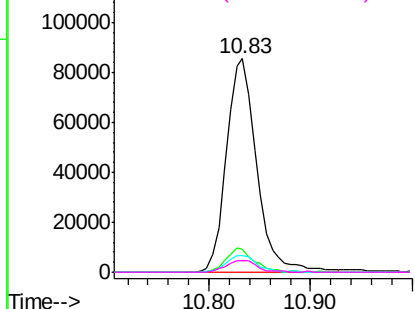
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BG035813.D
Acq: 21 Jul 2018 10:23

Instrument :
BNA_G
ClientSampleId :
TP-10

Tgt Ion:	136	Resp:	177329
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	7.8	10.3	15.5#
68	5.5	4.5	6.7

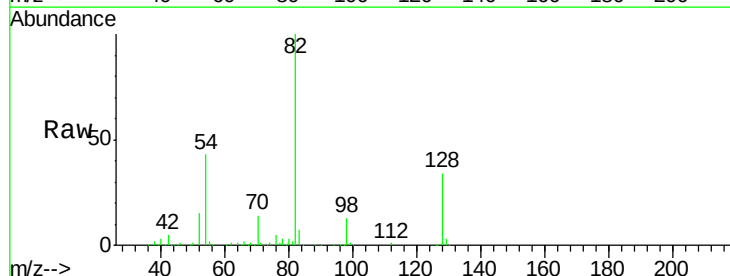


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

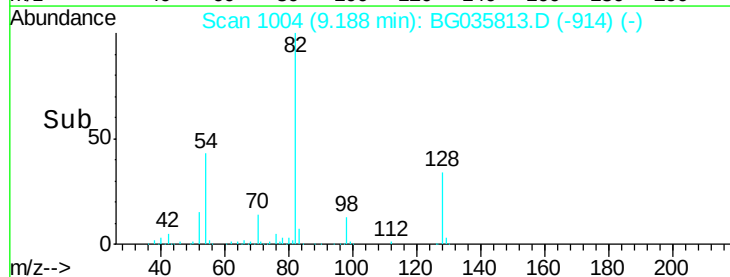
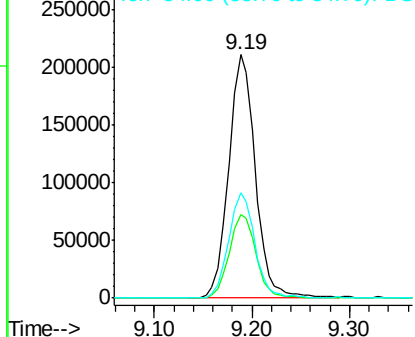


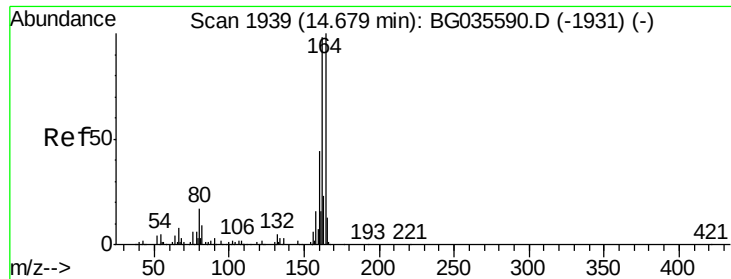
#23
Nitrobenzene-d5
Concen: 94.323 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BG035813.D
Acq: 21 Jul 2018 10:23

Tgt Ion:	82	Resp:	400391
Ion	Ratio	Lower	Upper
82	100		
128	34.4	29.7	44.5
54	43.4	43.1	64.7



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1934

Delta R.T. -0.00 min

Lab File: BG035813.D

Acq: 21 Jul 2018 10:23

Instrument :

BNA_G

ClientSampleId :

TP-10

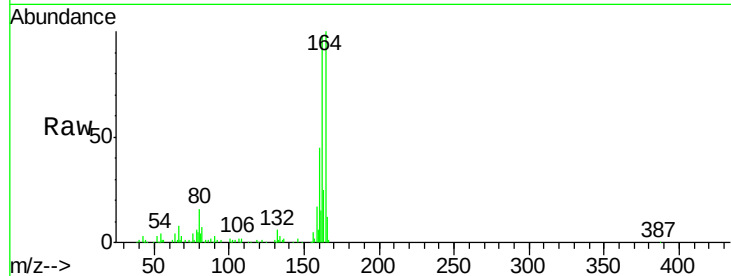
Tgt Ion:164 Resp: 124245

Ion Ratio Lower Upper

164 100

162 97.9 78.8 118.2

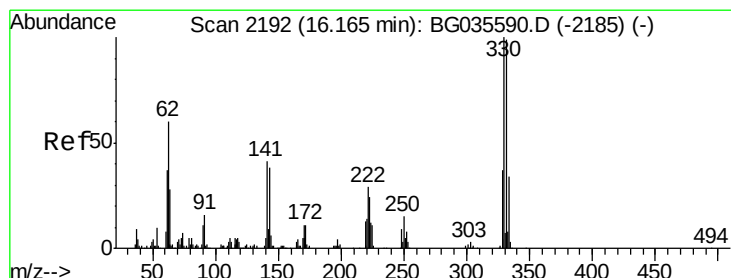
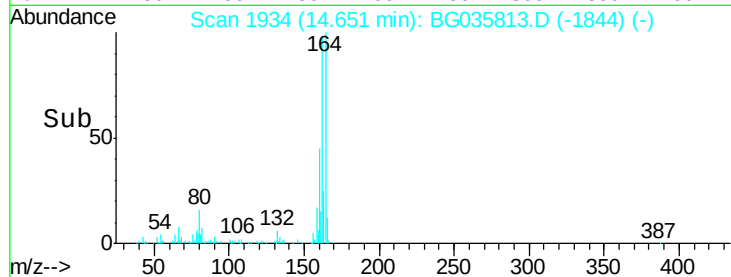
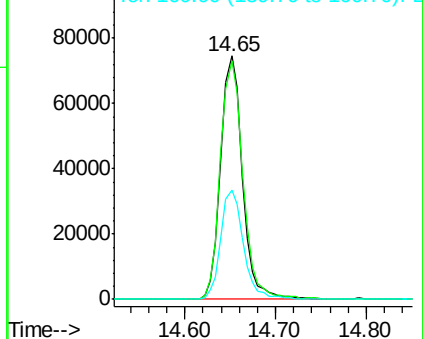
160 44.9 35.4 53.0



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: 152.884 ng

RT: 16.14 min Scan# 2187

Delta R.T. -0.00 min

Lab File: BG035813.D

Acq: 21 Jul 2018 10:23

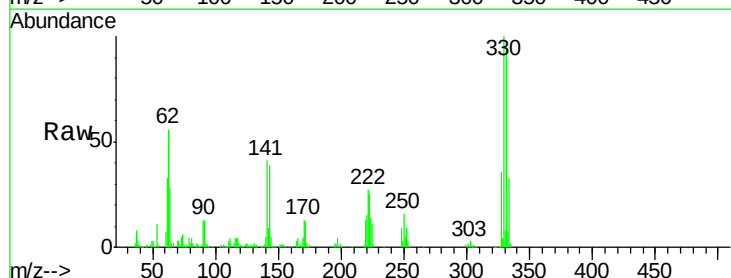
Tgt Ion:330 Resp: 250368

Ion Ratio Lower Upper

330 100

332 95.6 77.0 115.6

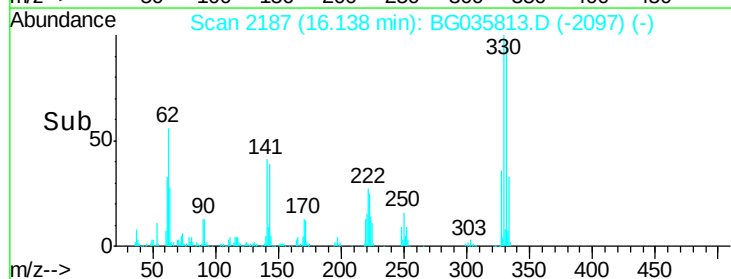
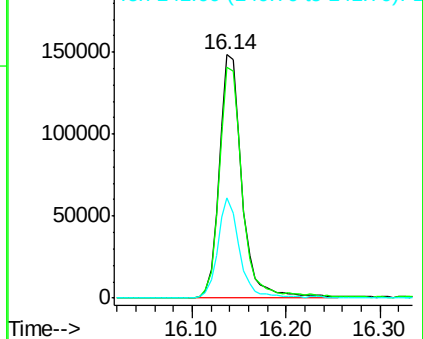
141 39.3 25.2 37.8#

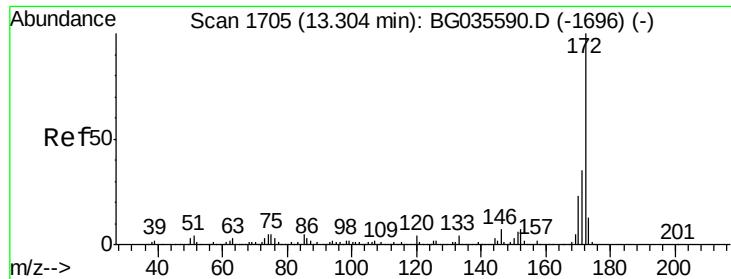


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

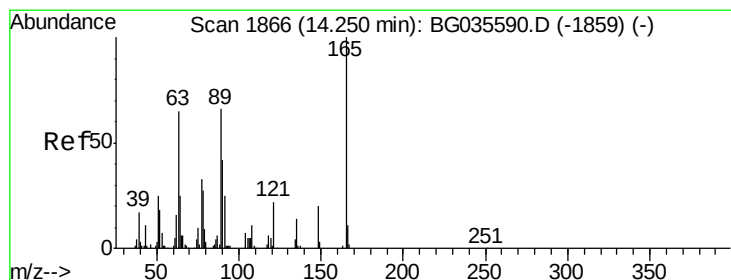
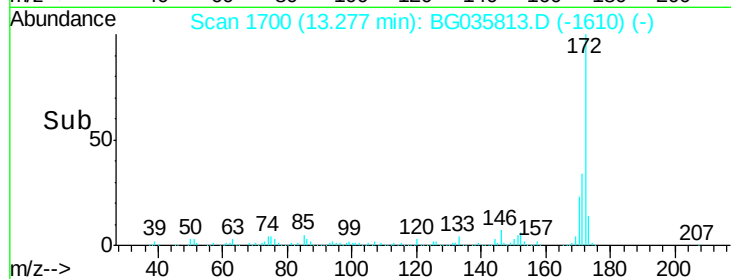
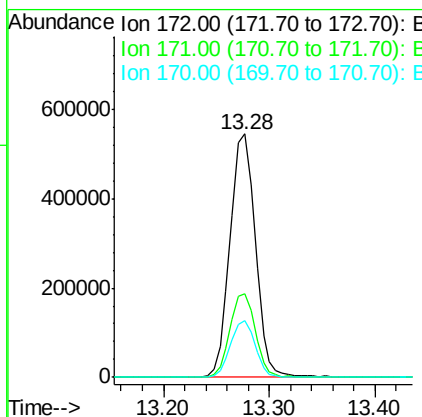
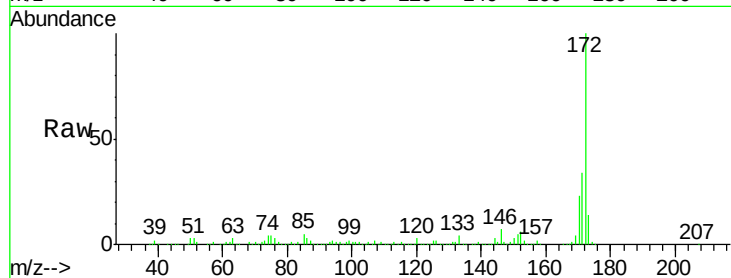




#44
 2-Fluorobiphenyl
 Concen: 97.998 ng
 RT: 13.28 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: BG035813.D
 Acq: 21 Jul 2018 10:23

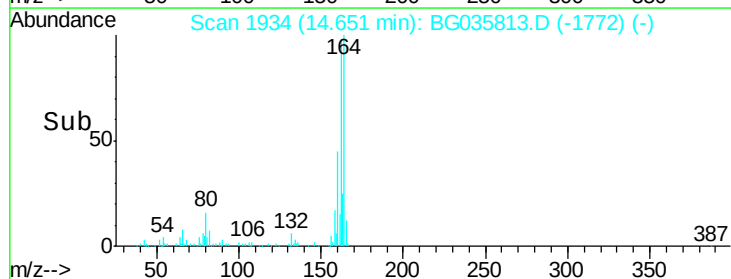
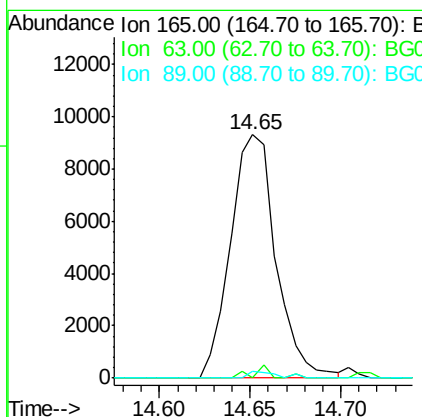
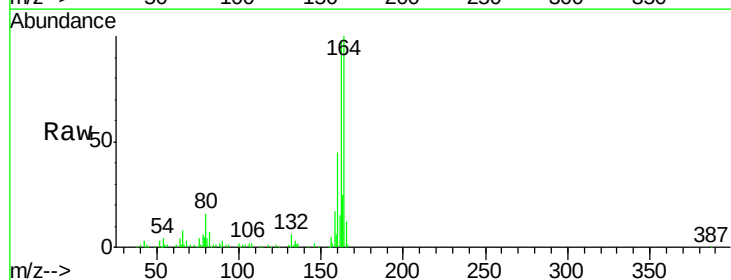
Instrument :
 BNA_G
 ClientSampleId :
 TP-10

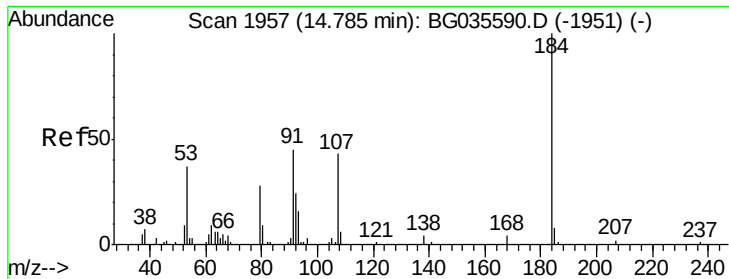
Tgt Ion:172 Resp: 908810
 Ion Ratio Lower Upper
 172 100
 171 34.2 30.0 45.0
 170 23.2 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.310 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. 0.42 min
 Lab File: BG035813.D
 Acq: 21 Jul 2018 10:23

Tgt Ion:165 Resp: 16205
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 2.6 49.2 73.8#

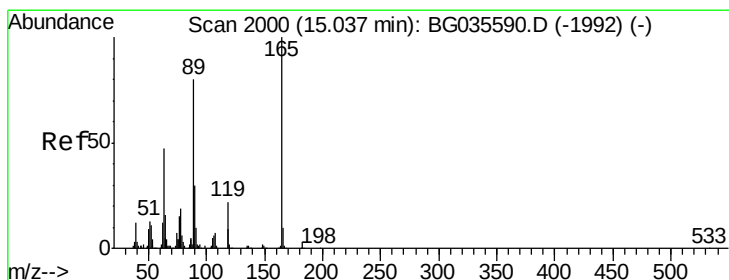
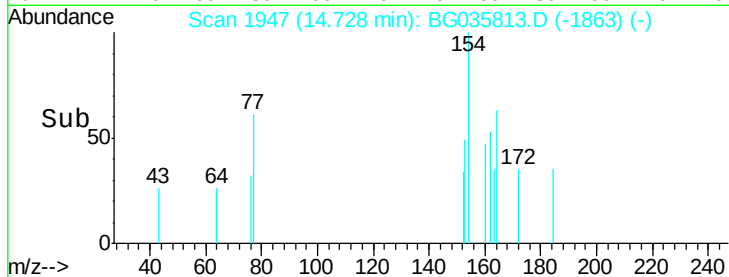
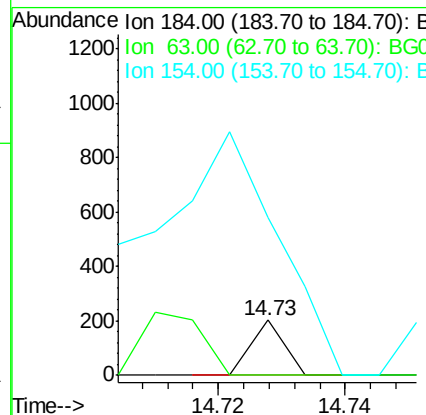
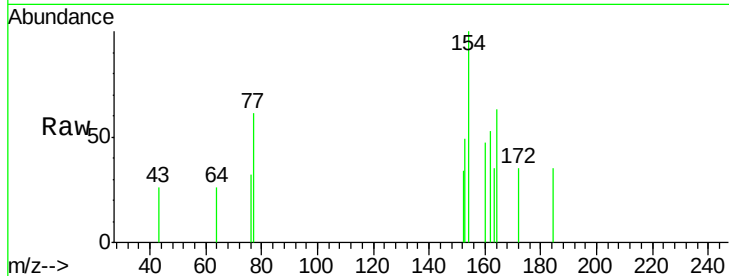




#53
 2,4-Dinitrophenol
 Concen: 6.639 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.04 min
 Lab File: BG035813.D
 Acq: 21 Jul 2018 10:23

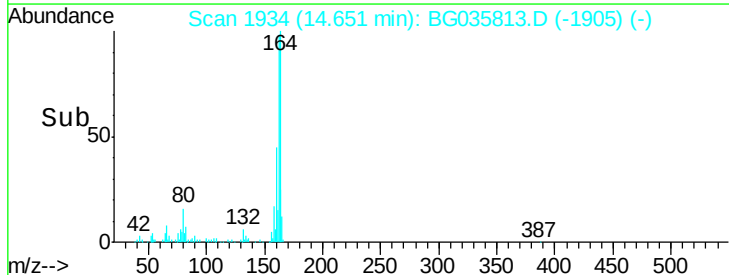
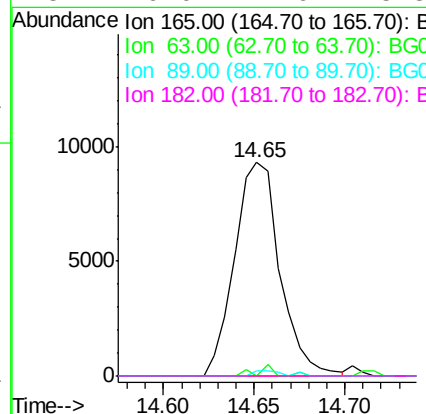
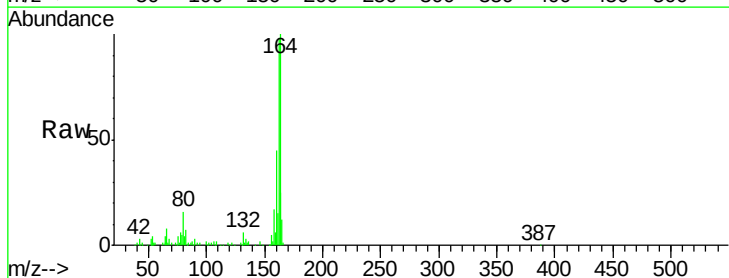
Instrument :
 BNA_G
 ClientSampleId :
 TP-10

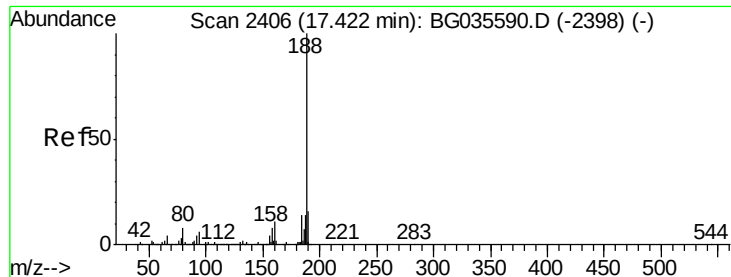
Tgt Ion:184 Resp: 71
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.8 89.8#
 154 288.1 101.8 152.8#



#56
 2,4-Dinitrotoluene
 Concen: 5.096 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.36 min
 Lab File: BG035813.D
 Acq: 21 Jul 2018 10:23

Tgt Ion:165 Resp: 16205
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 2.6 66.9 100.3#
 182 0.0 2.6 3.8#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG035813.D

Acq: 21 Jul 2018 10:23

Instrument :

BNA_G

ClientSampleId :

TP-10

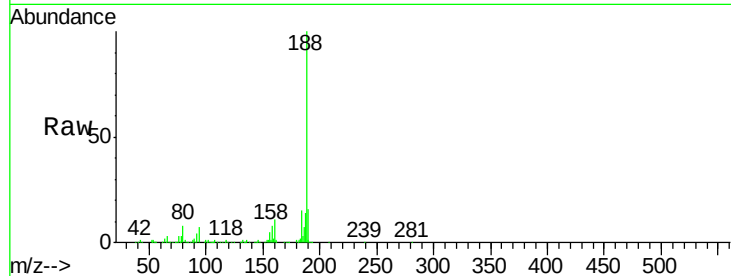
Tgt Ion:188 Resp: 341938

Ion Ratio Lower Upper

188 100

94 6.7 6.9 10.3#

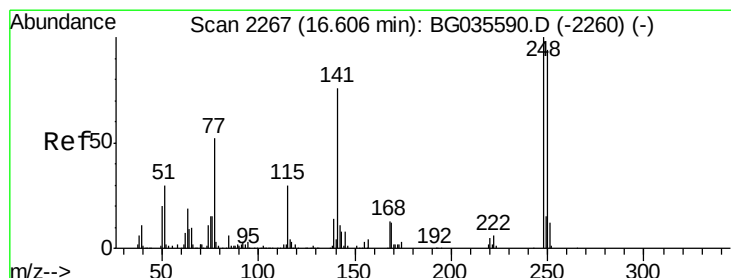
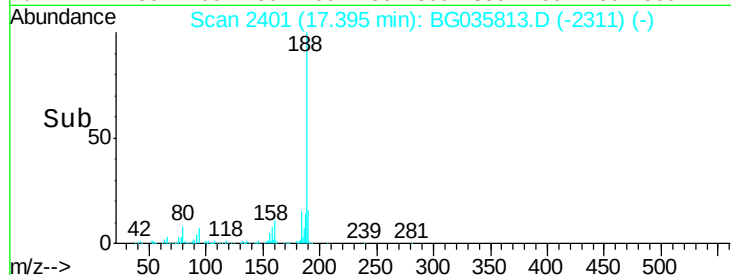
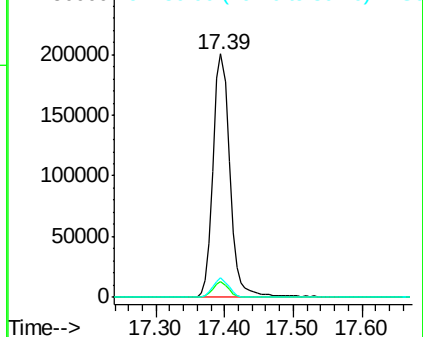
80 7.9 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#66

4-Bromophenyl-phenylether

Concen: 5.099 ng

RT: 16.14 min Scan# 2187

Delta R.T. -0.44 min

Lab File: BG035813.D

Acq: 21 Jul 2018 10:23

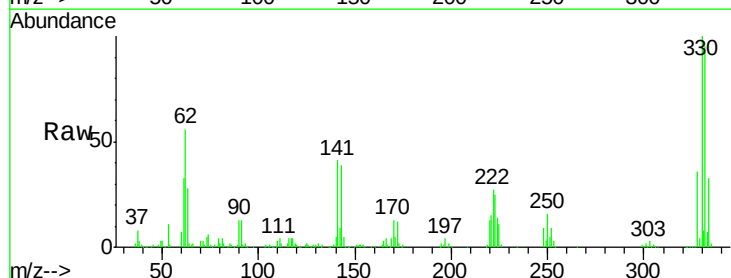
Tgt Ion:248 Resp: 20228

Ion Ratio Lower Upper

248 100

250 181.9 77.1 115.7#

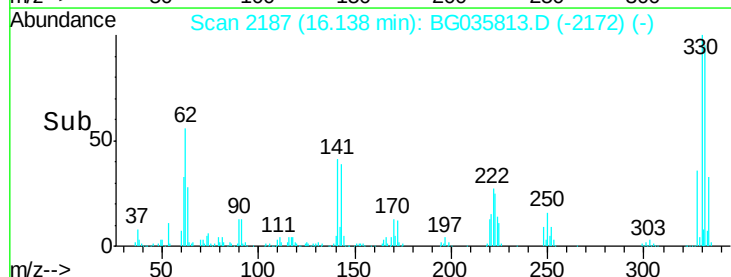
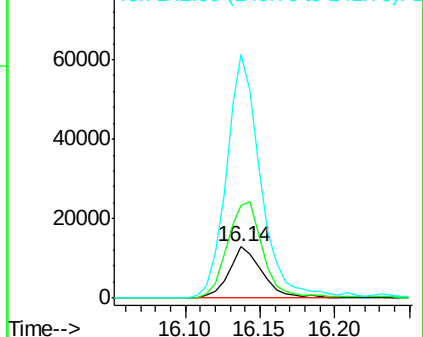
141 475.2 50.8 76.2#

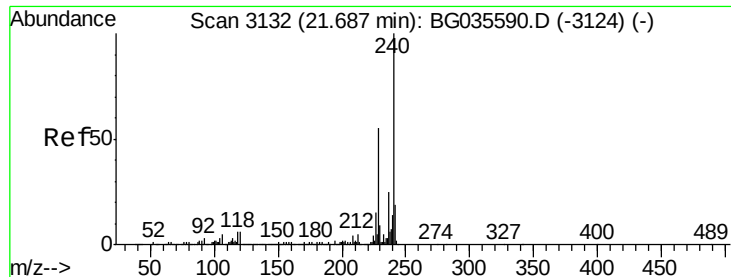


Abundance Ion 248.00 (247.70 to 248.70): E

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: 21.65 min Scan# 3126

Delta R.T. -0.01 min

Lab File: BG035813.D

Acq: 21 Jul 2018 10:23

Instrument :

BNA_G

ClientSampleId :

TP-10

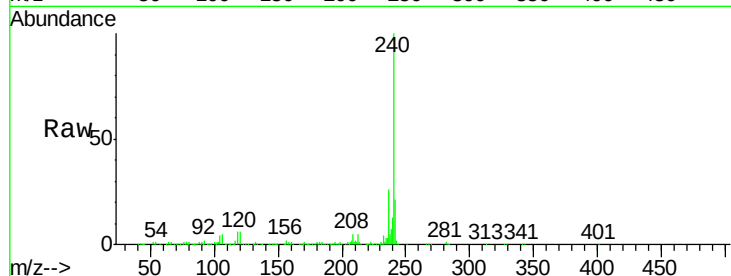
Tgt Ion:240 Resp: 384456

Ion Ratio Lower Upper

240 100

120 5.8 6.8 10.2#

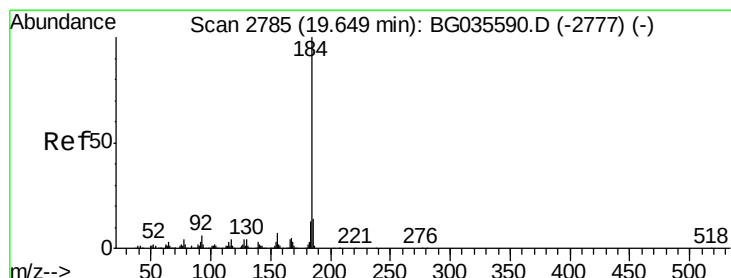
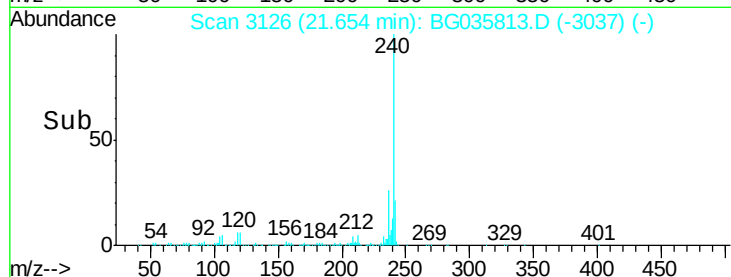
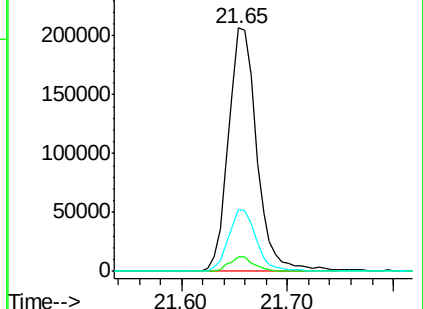
236 25.6 20.9 31.3



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: 3.216 ng

RT: 20.00 min Scan# 2845

Delta R.T. 0.38 min

Lab File: BG035813.D

Acq: 21 Jul 2018 10:23

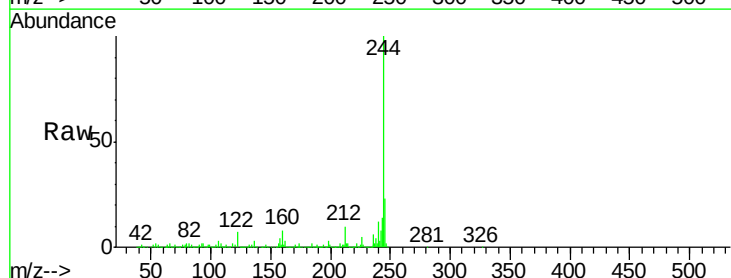
Tgt Ion:184 Resp: 32504

Ion Ratio Lower Upper

184 100

185 16.6 11.1 16.7

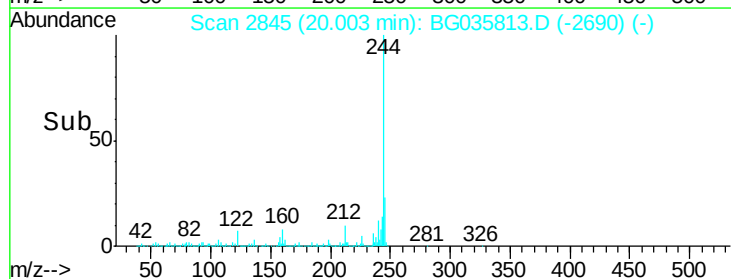
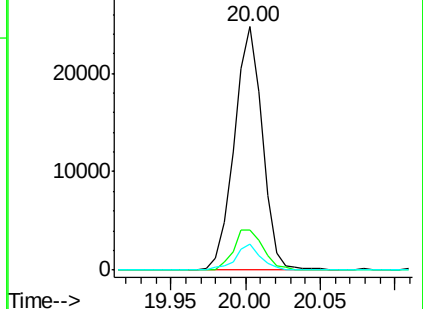
183 10.6 10.6 16.0#

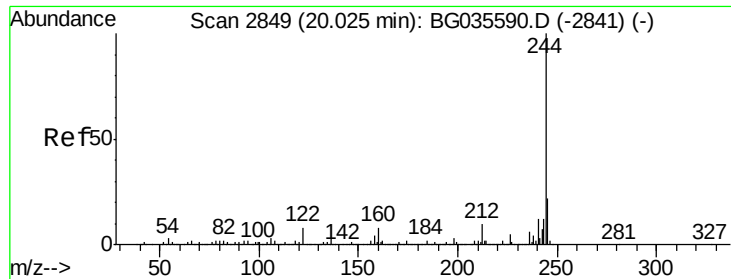


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

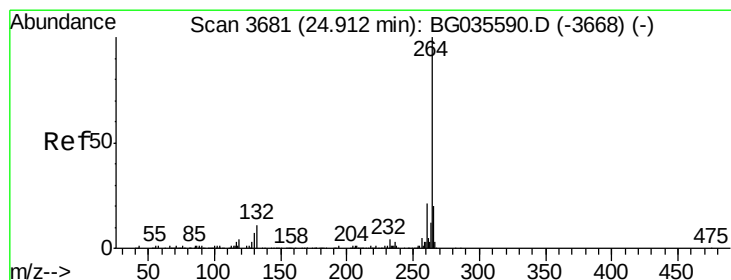
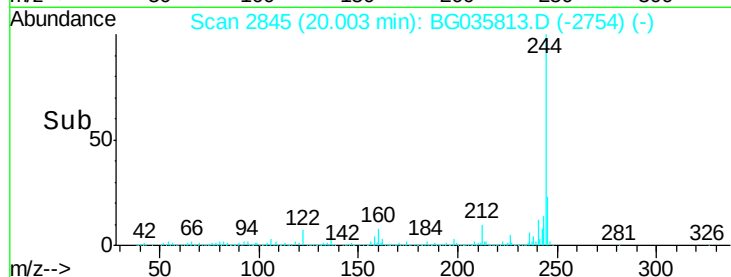
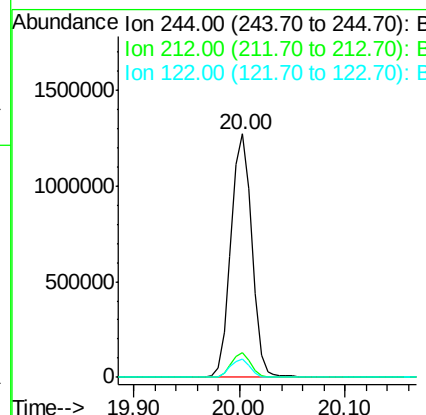
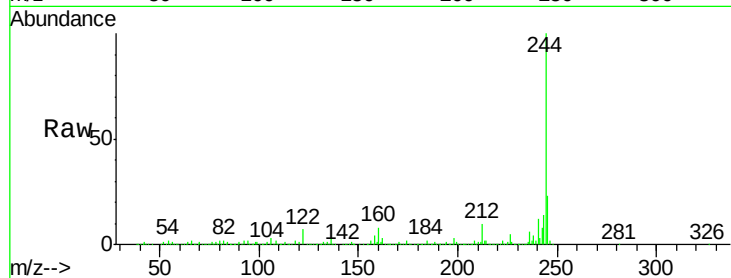




#78
 Terphenyl-d14
 Concen: 99.725 ng
 RT: 20.00 min Scan# 2845
 Delta R.T. 0.00 min
 Lab File: BG035813.D
 Acq: 21 Jul 2018 10:23

Instrument :
 BNA_G
 ClientSampleId :
 TP-10

Tgt Ion:244 Resp: 1739327
 Ion Ratio Lower Upper
 244 100
 212 10.2 5.8 8.8#
 122 7.5 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.86 min Scan# 3672
 Delta R.T. 0.00 min
 Lab File: BG035813.D
 Acq: 21 Jul 2018 10:23

Tgt Ion:264 Resp: 364832
 Ion Ratio Lower Upper
 264 100
 260 24.2 17.4 26.0
 265 20.5 17.7 26.5

