

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120318\
 Data File : BG038320.D
 Acq On : 4 Dec 2018 4:14
 Operator : JU/SJ
 Sample : J6160-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TEST-PIT

Quant Time: Dec 04 05:06:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

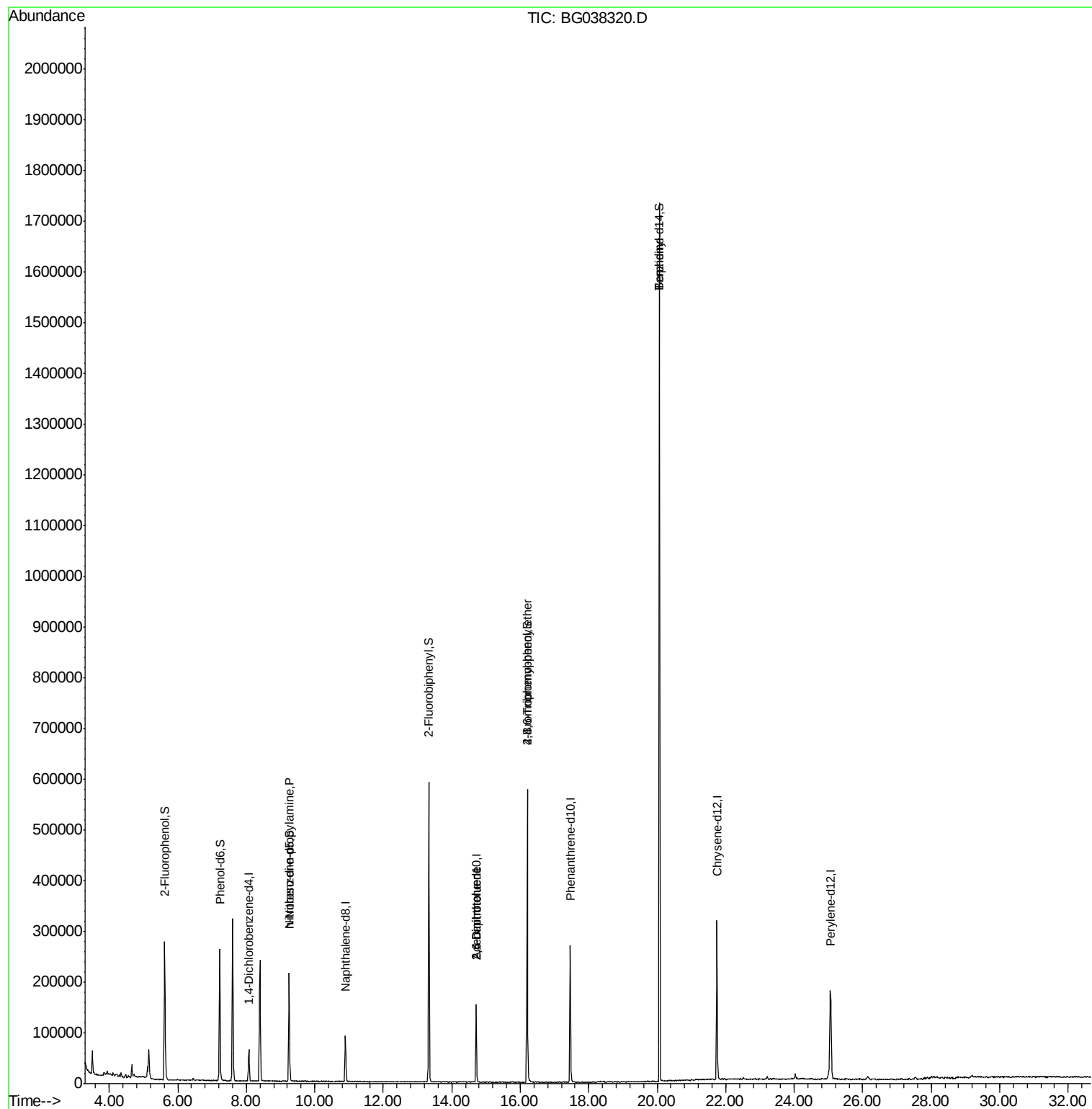
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	18635	20.00	ng	-0.01
21) Naphthalene-d8	10.90	136	81888	20.00	ng	-0.01
39) Acenaphthene-d10	14.71	164	57486	20.00	ng	-0.01
64) Phenanthrene-d10	17.46	188	172363	20.00	ng	-0.01
76) Chrysene-d12	21.74	240	194202	20.00	ng	-0.01
87) Perylene-d12	25.06	264	204327	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	127270	117.92	ng	-0.01
7) Phenol-d6	7.22	99	160145	103.95	ng	0.00
23) Nitrobenzene-d5	9.25	82	134335	87.82	ng	-0.01
42) 2,4,6-Tribromophenol	16.20	330	108497	165.49	ng	-0.01
45) 2-Fluorobiphenyl	13.34	172	327422	82.98	ng	-0.01
79) Terphenyl-d14	20.06	244	828012	100.32	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.25	70	17067	15.310	ng	# 75
51) 2,6-Dinitrotoluene	14.72	165	7412	7.186	ng	# 23
57) 2,4-Dinitrotoluene	14.72	165	7412	5.282	ng	# 23
67) 4-Bromophenyl-phenylether	16.20	248	7530	3.980	ng	# 1
77) Benzidine	20.06	184	14428	2.117	ng	# 95

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

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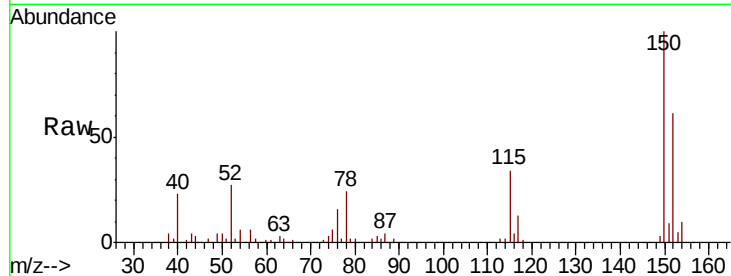


#1

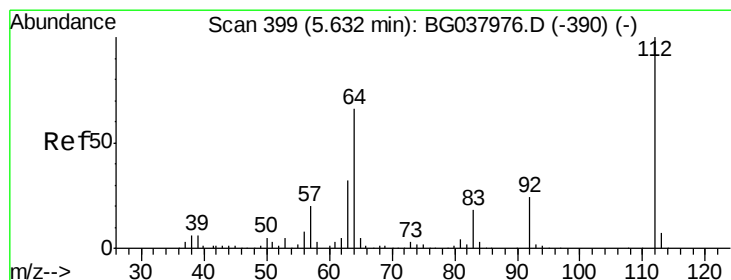
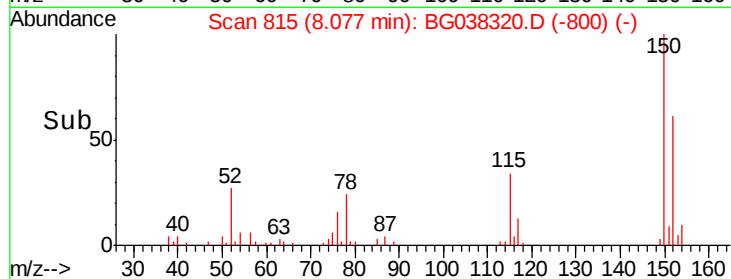
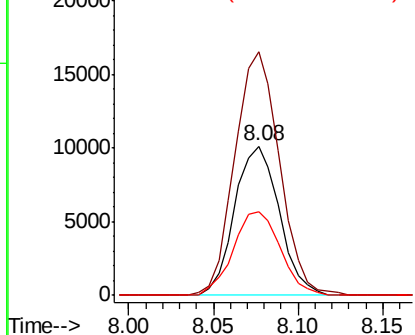
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 815
Delta R.T. -0.01 min
Lab File: BG038320.D
Acq: 4 Dec 2018 4:14

Instrument :
BNA_G
ClientSampleId :
TEST-PIT

Tgt Ion:152 Resp: 18635
Ion Ratio Lower Upper
152 100
150 162.8 126.0 189.0
115 56.0 45.5 68.3



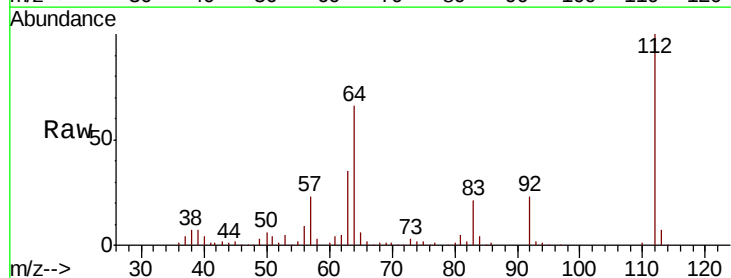
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



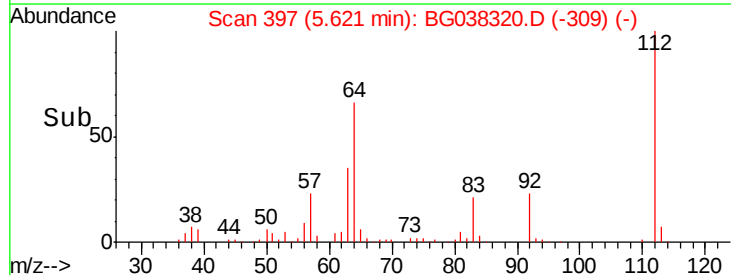
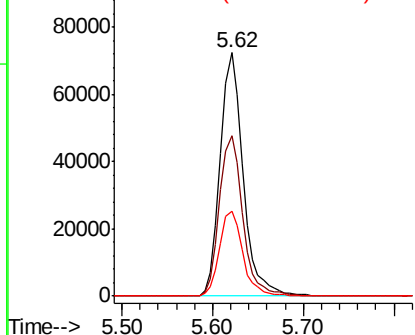
#5

2-Fluorophenol
Concen: 117.918 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.01 min
Lab File: BG038320.D
Acq: 4 Dec 2018 4:14

Tgt Ion:112 Resp: 127270
Ion Ratio Lower Upper
112 100
64 65.7 53.1 79.7
63 34.7 27.3 40.9



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: 103.946 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG038320.D

Acq: 4 Dec 2018 4:14

Instrument :

BNA_G

ClientSampled :

TEST-PIT

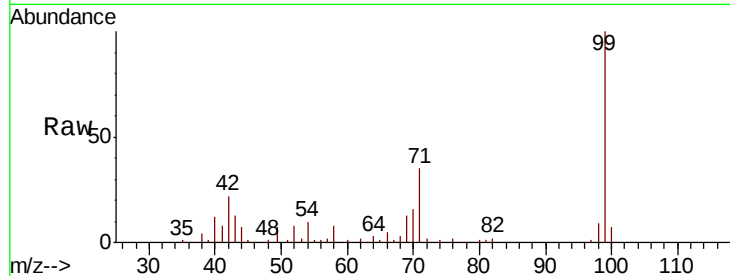
Tgt Ion: 99 Resp: 160145

Ion Ratio Lower Upper

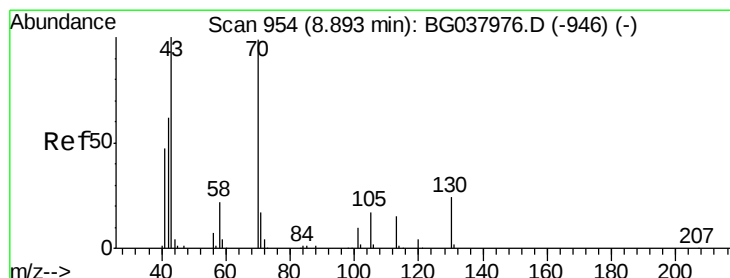
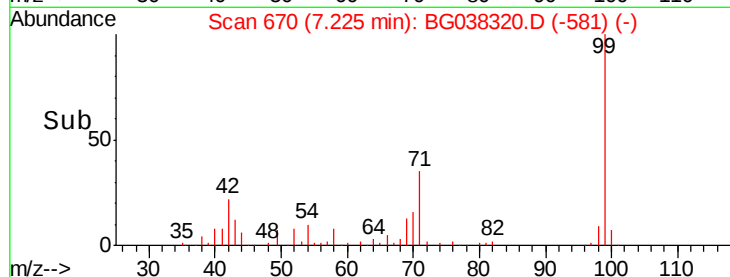
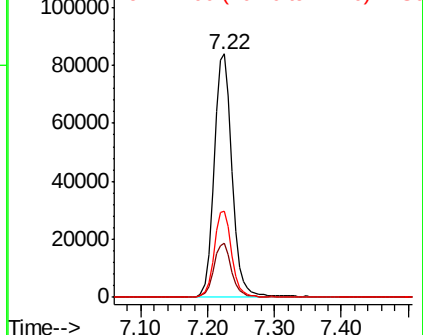
99 100

42 22.3 15.0 22.4

71 35.1 25.5 38.3



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: 15.310 ng

RT: 9.25 min Scan# 1015

Delta R.T. 0.36 min

Lab File: BG038320.D

Acq: 4 Dec 2018 4:14

Tgt Ion: 70 Resp: 17067

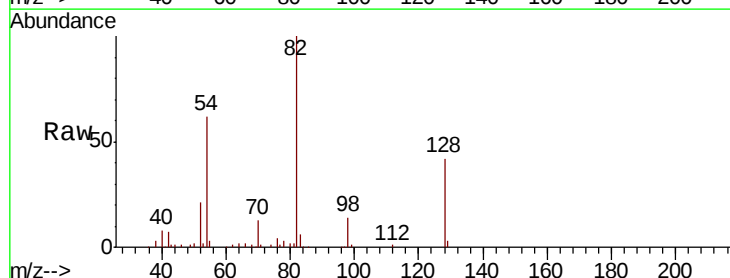
Ion Ratio Lower Upper

70 100

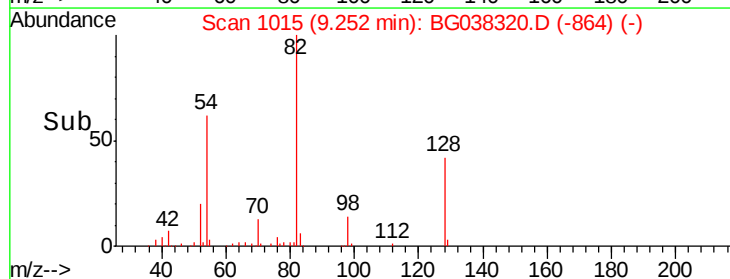
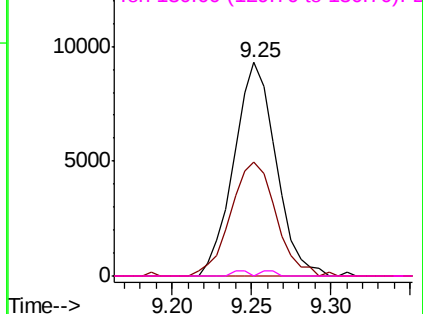
42 53.1 53.9 80.9#

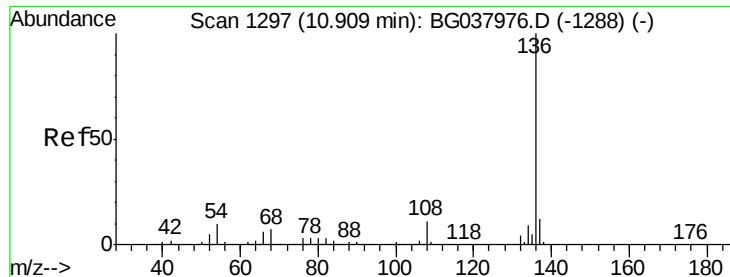
101 0.0 8.2 12.2#

130 0.0 18.2 27.4#



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

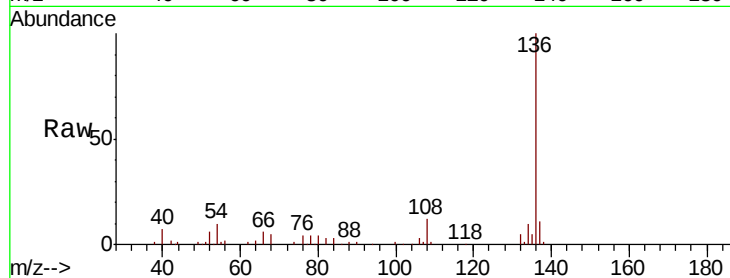




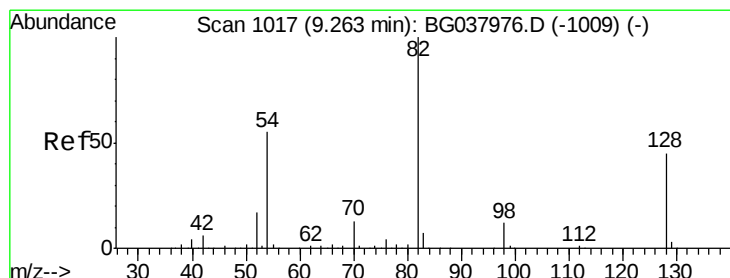
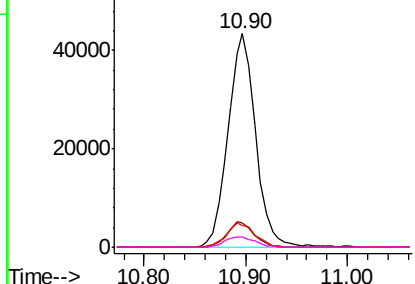
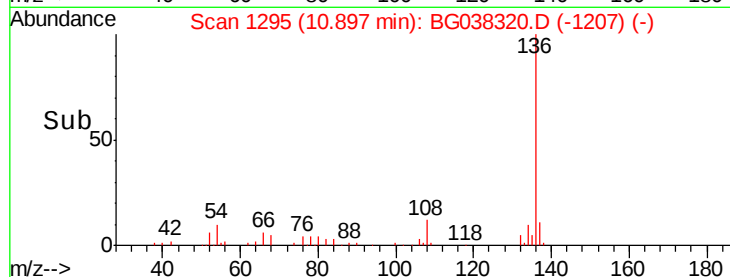
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG038320.D
Acq: 4 Dec 2018 4:14

Instrument :
BNA_G
ClientSampleId :
TEST-PIT

Tgt Ion:	136	Resp:	81888
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.6	14.4
54	10.0	7.9	11.9
68	4.9	4.8	7.2

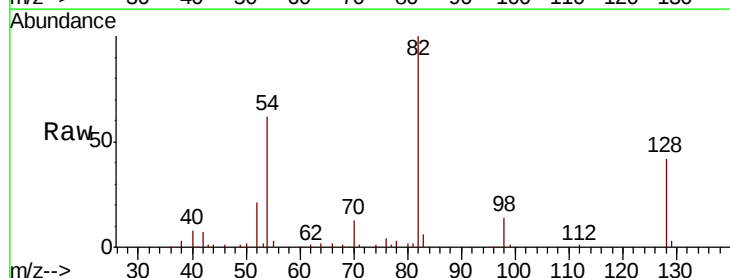


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

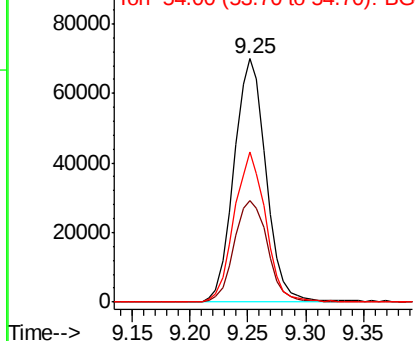
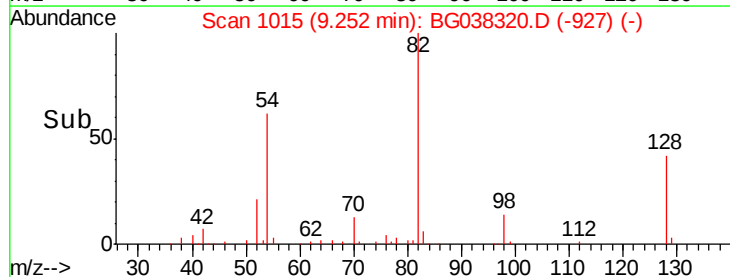


#23
Nitrobenzene-d5
Concen: 87.815 ng
RT: 9.25 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BG038320.D
Acq: 4 Dec 2018 4:14

Tgt Ion:	82	Resp:	134335
Ion	Ratio	Lower	Upper
82	100		
128	41.6	34.6	51.8
54	61.6	45.3	67.9



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.71 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG038320.D

Acq: 4 Dec 2018 4:14

Instrument :

BNA_G

ClientSampleId :

TEST-PIT

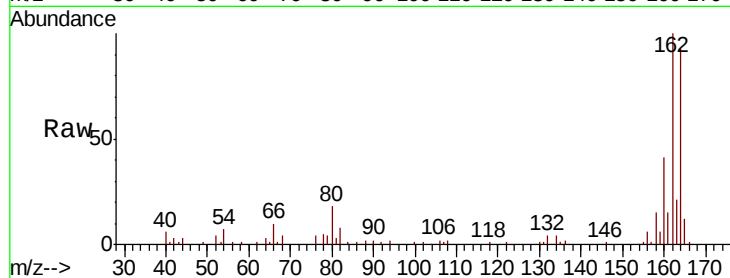
Tgt Ion:164 Resp: 57486

Ion Ratio Lower Upper

164 100

162 107.5 81.3 121.9

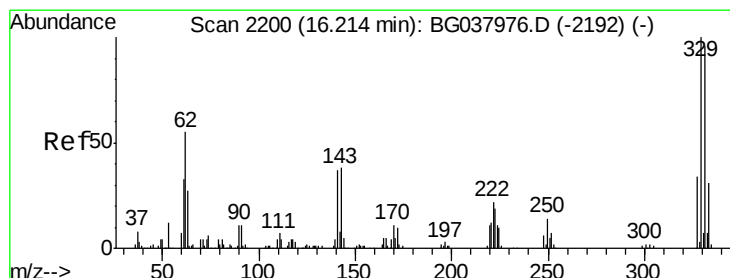
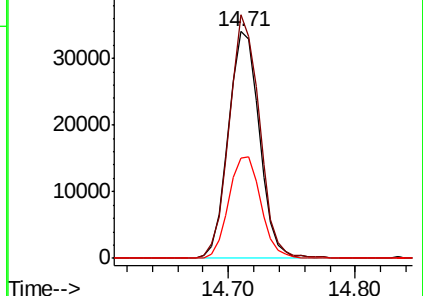
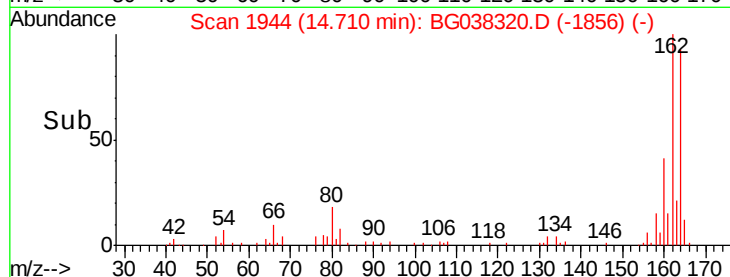
160 44.1 36.3 54.5



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



#42

2,4,6-Tribromophenol

Concen: 165.489 ng

RT: 16.20 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BG038320.D

Acq: 4 Dec 2018 4:14

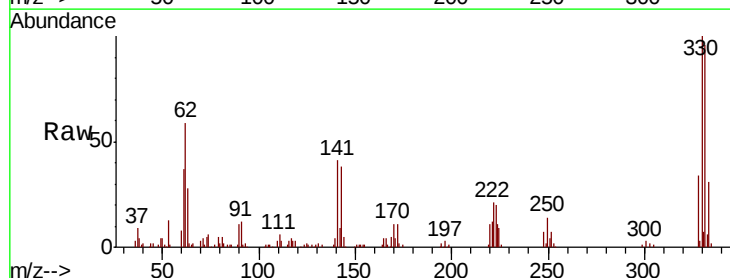
Tgt Ion:330 Resp: 108497

Ion Ratio Lower Upper

330 100

332 95.9 78.4 117.6

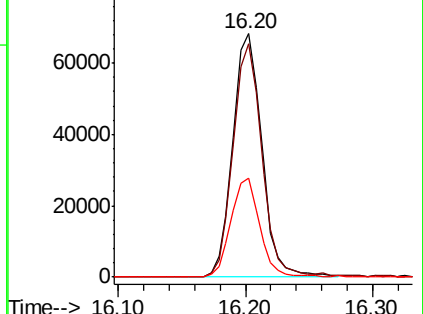
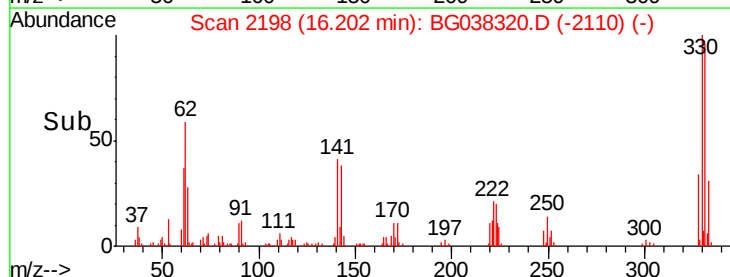
141 40.4 32.2 48.2



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

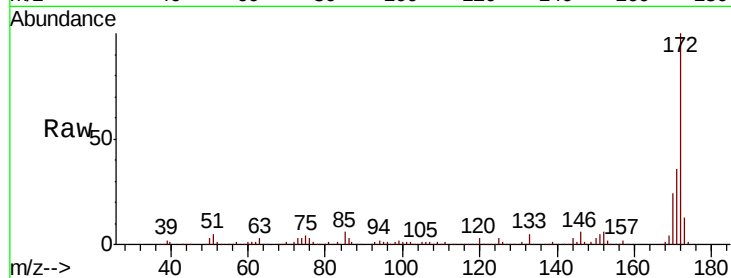




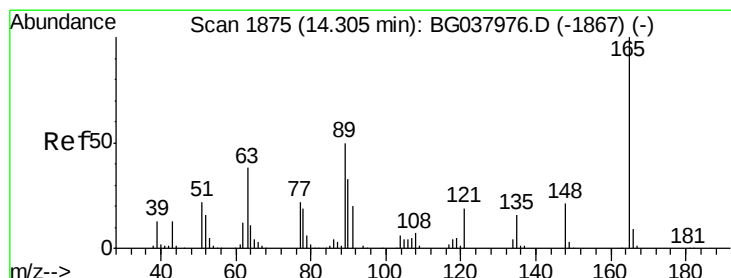
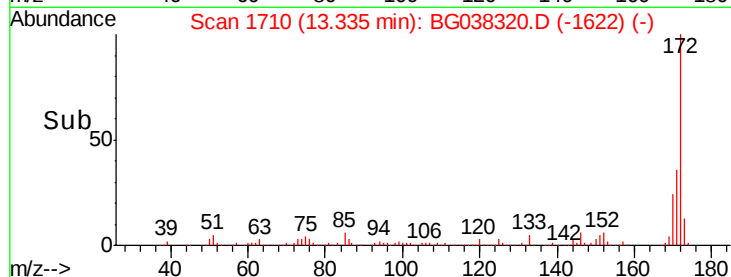
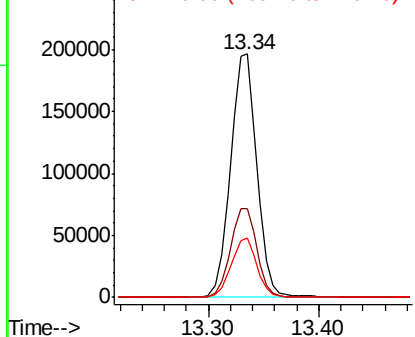
#45
 2-Fluorobiphenyl
 Concen: 82.978 ng
 RT: 13.34 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BG038320.D
 Acq: 4 Dec 2018 4:14

Instrument :
 BNA_G
 ClientSampleId :
 TEST-PIT

Tgt Ion:172 Resp: 327422
 Ion Ratio Lower Upper
 172 100
 171 36.3 31.0 46.4
 170 24.5 20.2 30.2

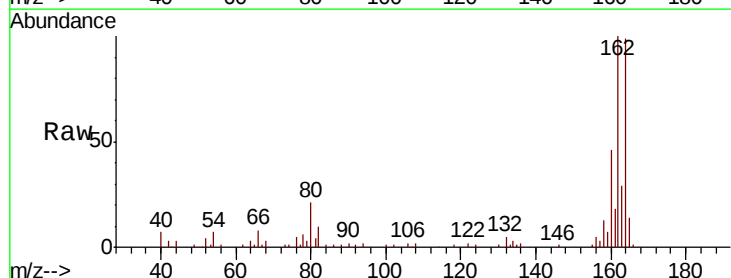


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

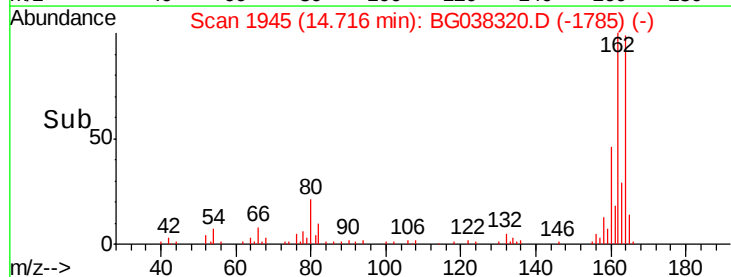
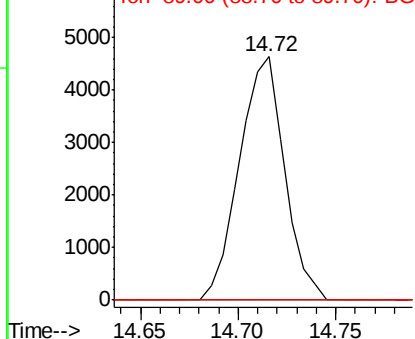


#51
 2,6-Dinitrotoluene
 Concen: 7.186 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. 0.41 min
 Lab File: BG038320.D
 Acq: 4 Dec 2018 4:14

Tgt Ion:165 Resp: 7412
 Ion Ratio Lower Upper
 165 100
 63 0.0 43.4 65.2#
 89 0.0 45.8 68.6#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

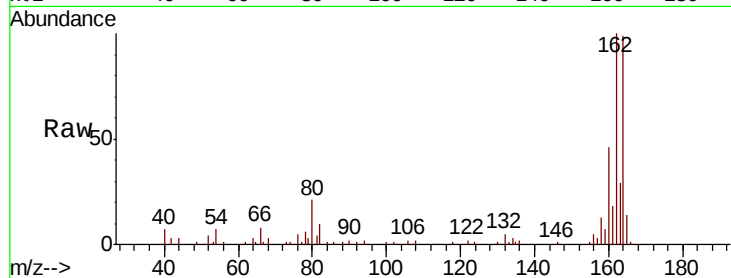




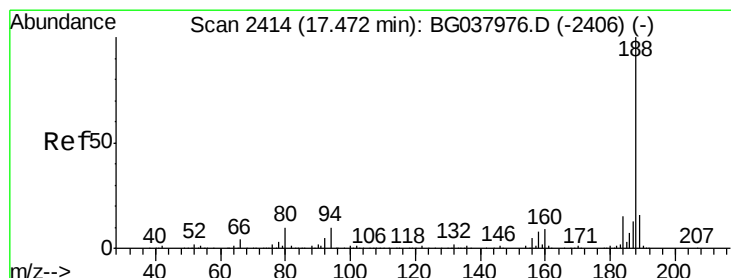
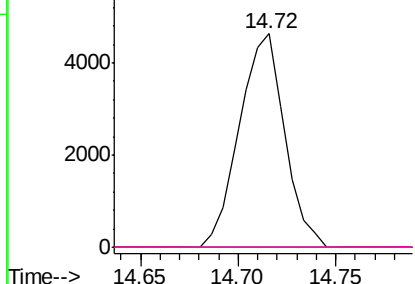
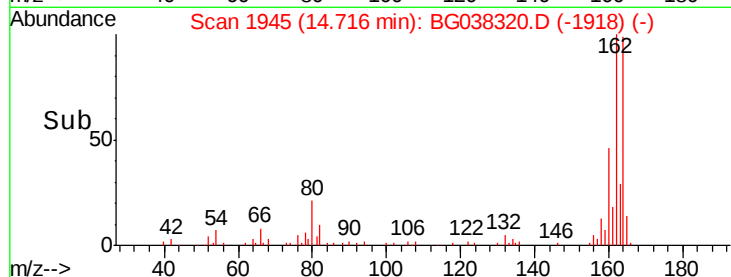
#57
 2,4-Dinitrotoluene
 Concen: 5.282 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. -0.37 min
 Lab File: BG038320.D
 Acq: 4 Dec 2018 4:14

Instrument :
 BNA_G
 ClientSampleId :
 TEST-PIT

Tgt Ion:	165	Resp:	7412
Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#

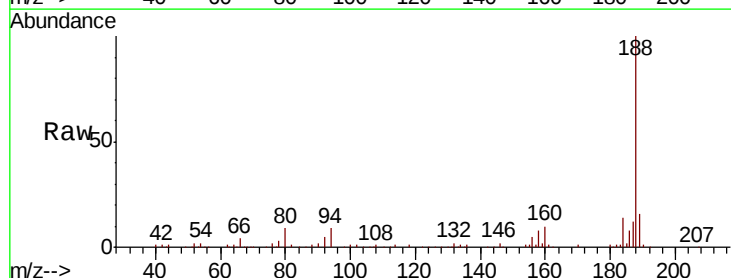


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

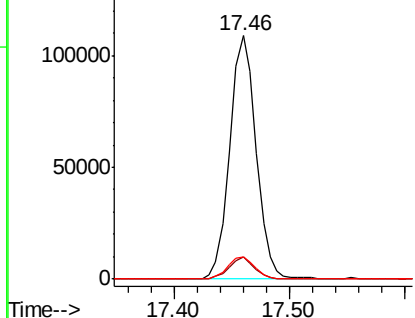
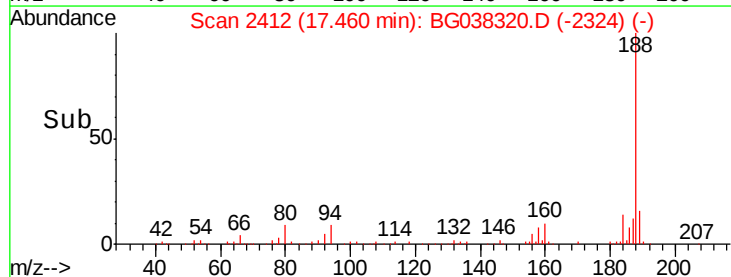


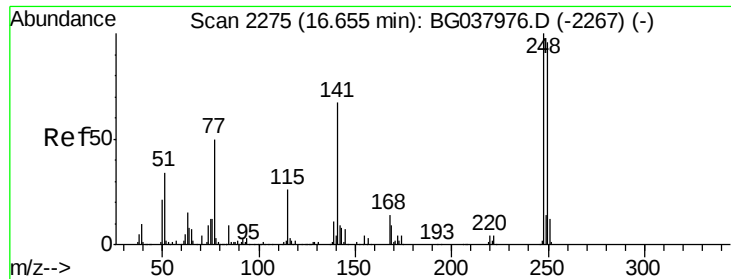
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.46 min Scan# 2412
 Delta R.T. -0.01 min
 Lab File: BG038320.D
 Acq: 4 Dec 2018 4:14

Tgt Ion:	188	Resp:	172363
Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.2	10.8
80	9.3	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

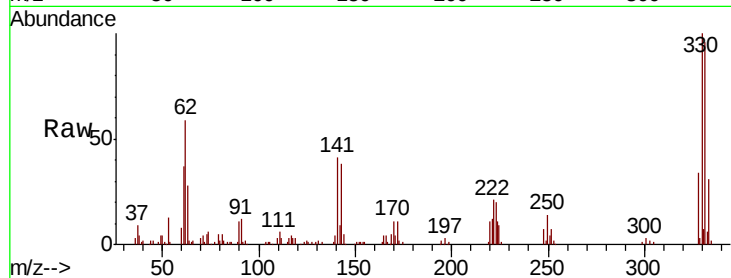




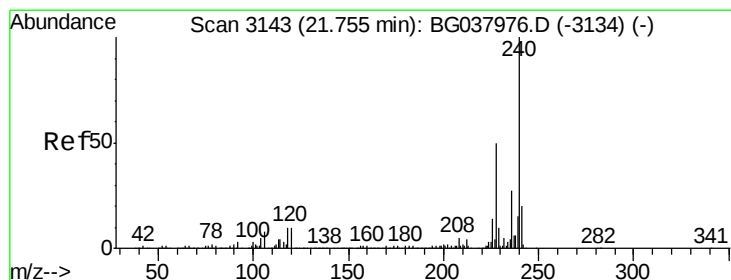
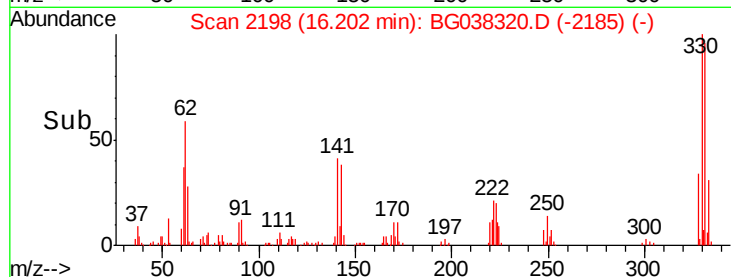
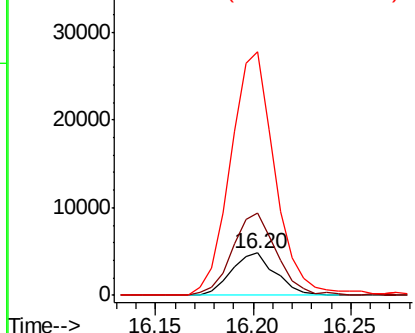
#67
 4-Bromophenyl-phenylether
 Concen: 3.980 ng
 RT: 16.20 min Scan# 2198
 Delta R.T. -0.45 min
 Lab File: BG038320.D
 Acq: 4 Dec 2018 4:14

Instrument :
 BNA_G
 ClientSampleId :
 TEST-PIT

Tgt Ion:248 Resp: 7530
 Ion Ratio Lower Upper
 248 100
 250 187.2 77.0 115.6#
 141 428.4 55.5 83.3#

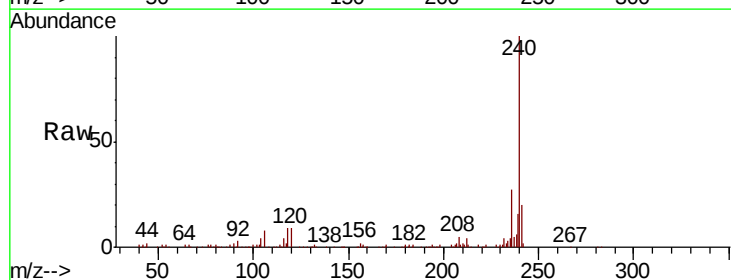


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

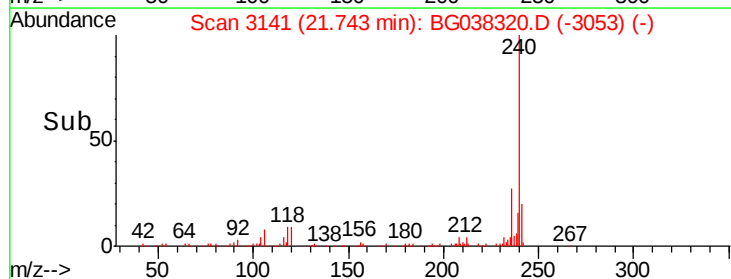
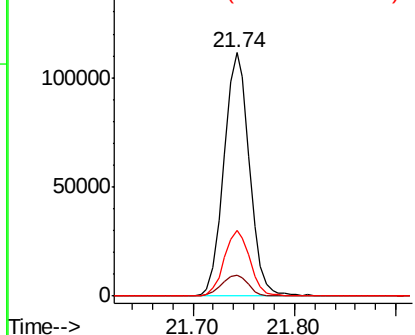


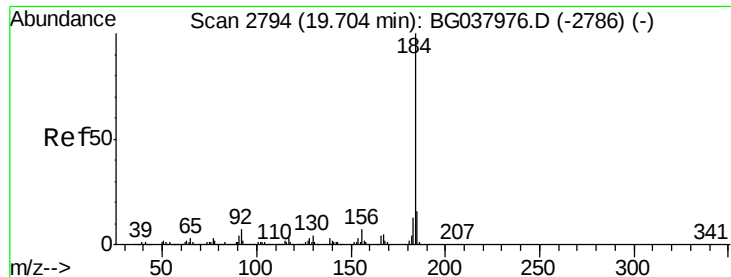
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.74 min Scan# 3141
 Delta R.T. -0.01 min
 Lab File: BG038320.D
 Acq: 4 Dec 2018 4:14

Tgt Ion:240 Resp: 194202
 Ion Ratio Lower Upper
 240 100
 120 8.8 8.1 12.1
 236 26.8 21.4 32.0



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





#77

Benzidine

Concen: 2.117 ng

RT: 20.06 min Scan# 2855

Delta R.T. 0.36 min

Lab File: BG038320.D

Acq: 4 Dec 2018 4:14

Instrument :

BNA_G

ClientSampleId :

TEST-PIT

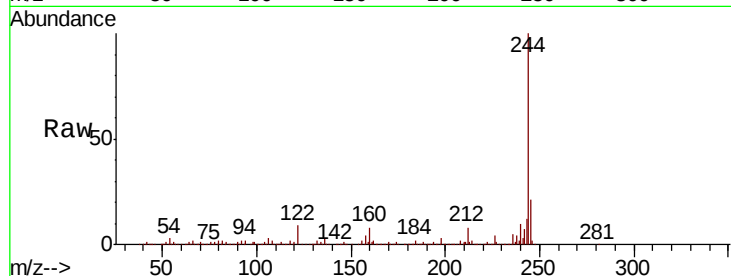
Tgt Ion:184 Resp: 14428

Ion Ratio Lower Upper

184 100

185 16.4 12.6 18.8

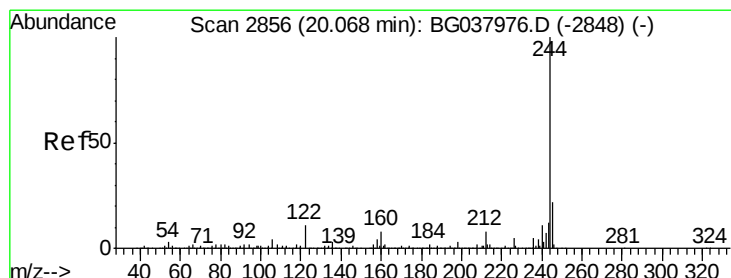
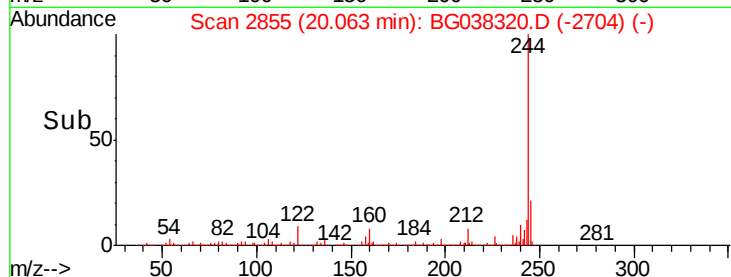
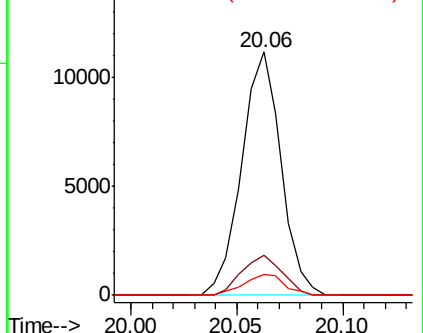
183 8.8 10.2 15.2#



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



#79

Terphenyl-d14

Concen: 100.324 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BG038320.D

Acq: 4 Dec 2018 4:14

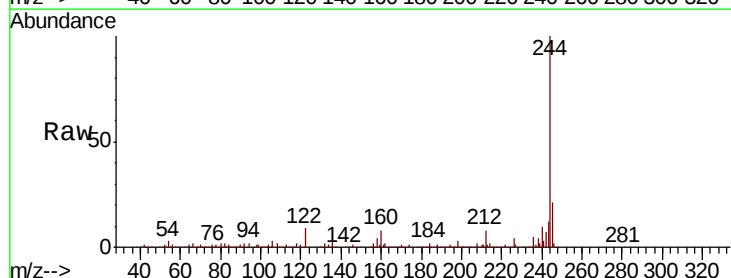
Tgt Ion:244 Resp: 828012

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

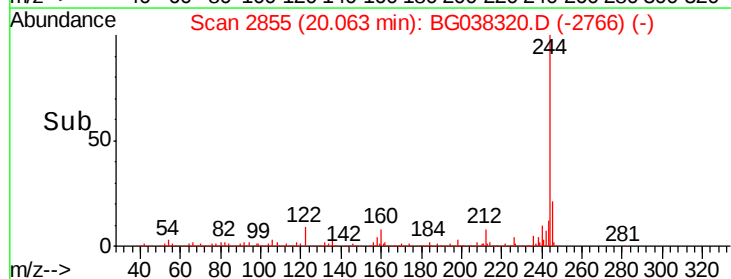
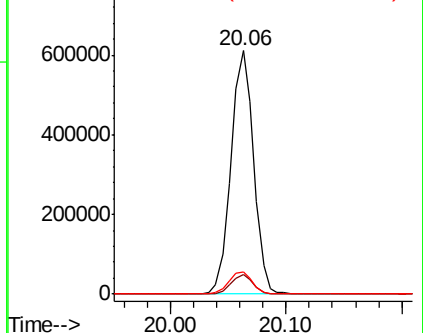
122 9.3 9.0 13.4

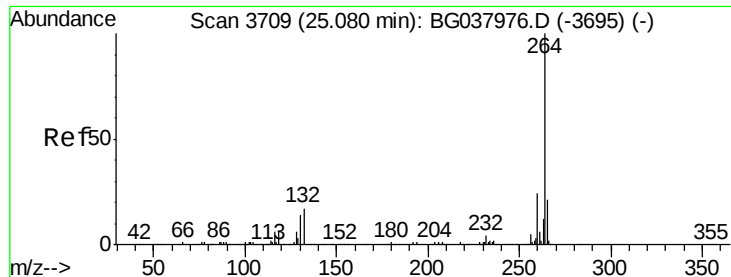


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.06 min Scan# 3705
Delta R.T. -0.02 min
Lab File: BG038320.D
Acq: 4 Dec 2018 4:14

Instrument :
BNA_G
ClientSampleId :
TEST-PIT

Tgt Ion: 264 Resp: 204327
Ion Ratio Lower Upper
264 100
260 22.3 18.2 27.4
265 21.7 17.9 26.9

