

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080218\
 Data File : BG036082.D
 Acq On : 3 Aug 2018 6:32
 Operator : JU/SJ
 Sample : J4285-24
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 KG-PIT-6

Quant Time: Aug 03 07:10:56 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

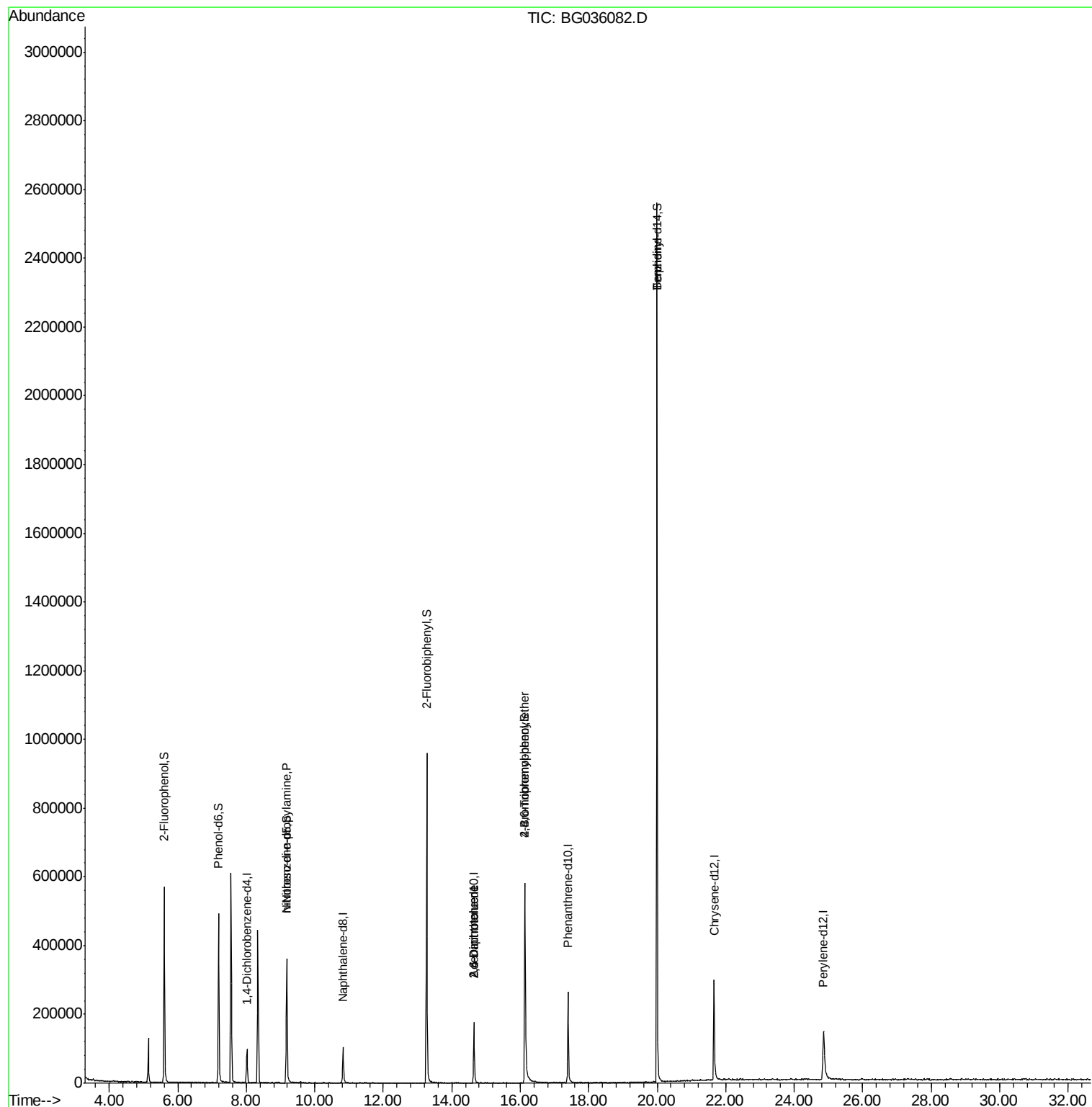
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	28647	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	100728	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	72143	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	213510	20.00	ng	0.00
75) Chrysene-d12	21.66	240	243510	20.00	ng	0.00
86) Perylene-d12	24.85	264	216422	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	251457	145.73	ng	0.00
7) Phenol-d6	7.19	99	319646	124.16	ng	0.00
23) Nitrobenzene-d5	9.18	82	263252	109.18	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	151406	159.23	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	579607	107.64	ng	0.00
78) Terphenyl-d14	19.99	244	1286823	116.49	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.18	70	34566	15.945	ng	# 69
50) 2,6-Dinitrotoluene	14.65	165	10271	7.980	ng	# 20
56) 2,4-Dinitrotoluene	14.65	165	10271	5.562	ng	# 18
66) 4-Bromophenyl-phenylether	16.14	248	12216	4.932	ng	# 1
76) Benzidine	19.99	184	23157	3.617	ng	# 91

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.02 min Scan# 806

Delta R.T. -0.00 min

Lab File: BG036082.D

Acq: 3 Aug 2018 6:32

Instrument :

BNA_G

ClientSampleId :

KG-PIT-6

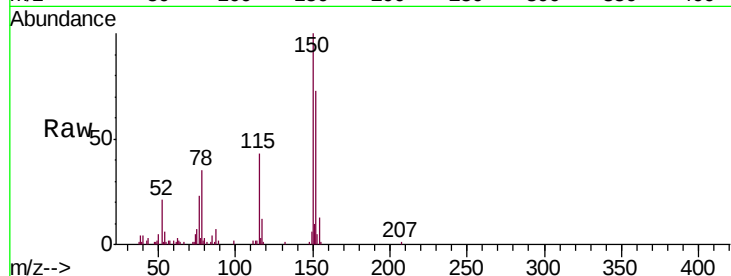
Tgt Ion:152 Resp: 28647

Ion Ratio Lower Upper

152 100

150 137.4 126.6 189.8

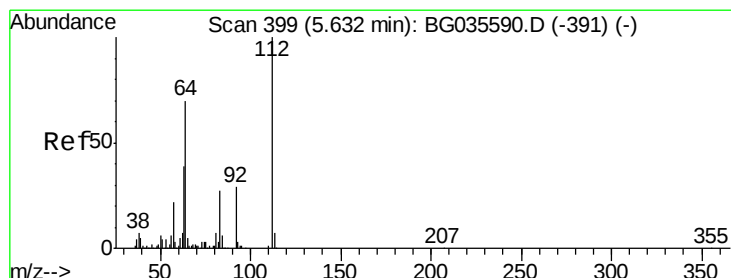
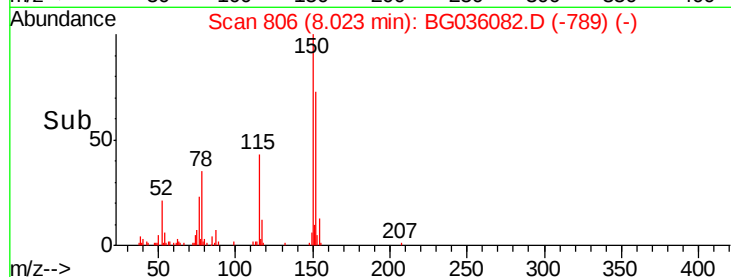
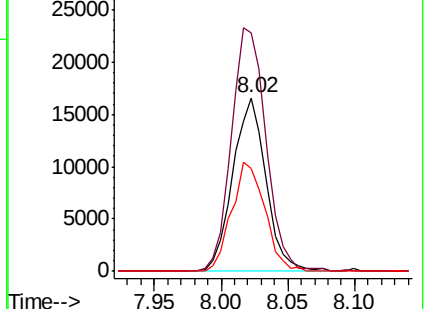
115 59.4 53.0 79.4



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: 145.732 ng

RT: 5.60 min Scan# 394

Delta R.T. -0.00 min

Lab File: BG036082.D

Acq: 3 Aug 2018 6:32

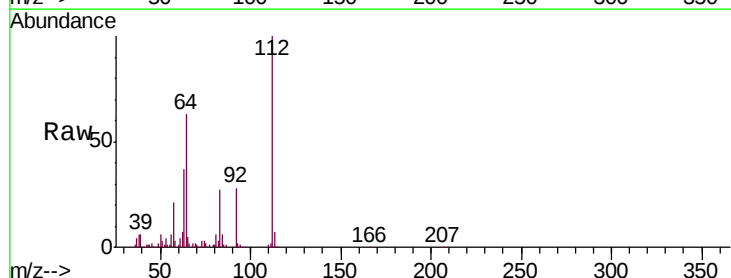
Tgt Ion:112 Resp: 251457

Ion Ratio Lower Upper

112 100

64 63.0 56.3 84.5

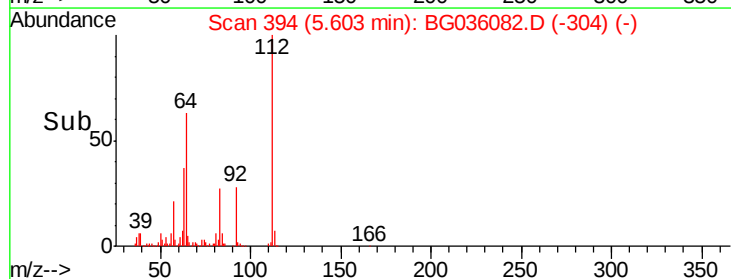
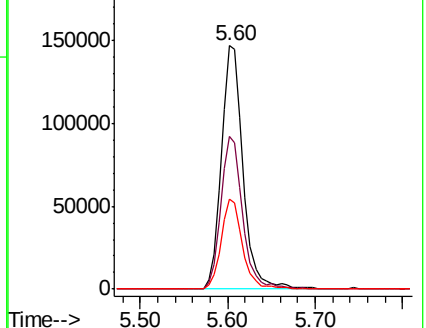
63 36.8 30.1 45.1

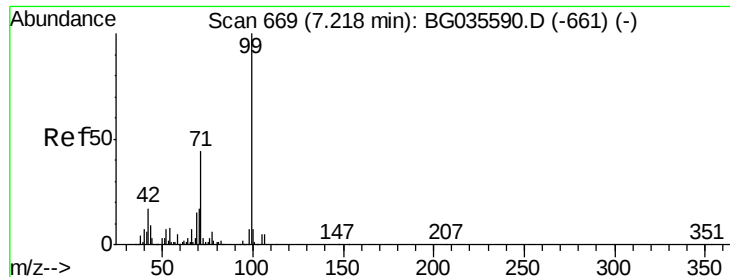


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 124.164 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG036082.D

Acq: 3 Aug 2018 6:32

Instrument :

BNA_G

ClientSampleId :

KG-PIT-6

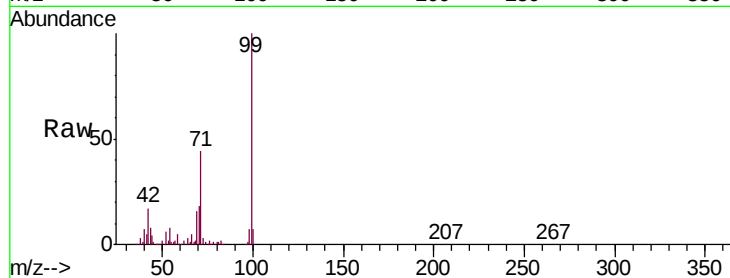
Tgt Ion: 99 Resp: 319646

Ion Ratio Lower Upper

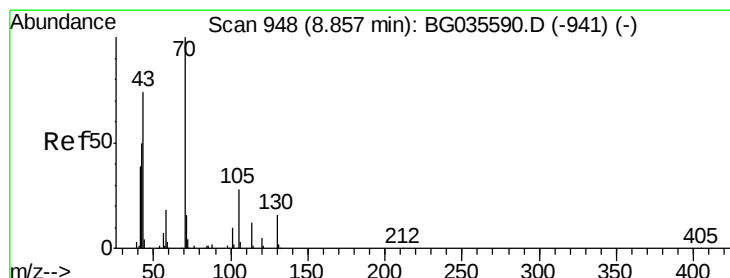
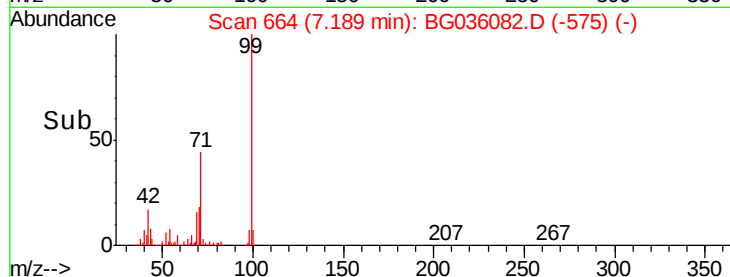
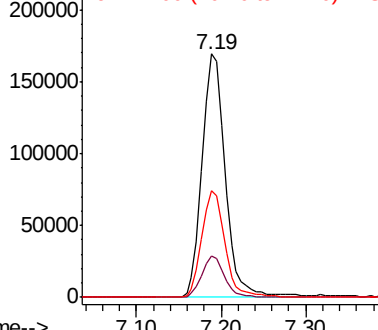
99 100

42 17.2 14.1 21.1

71 43.6 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: 15.945 ng

RT: 9.18 min Scan# 1003

Delta R.T. 0.35 min

Lab File: BG036082.D

Acq: 3 Aug 2018 6:32

Tgt Ion: 70 Resp: 34566

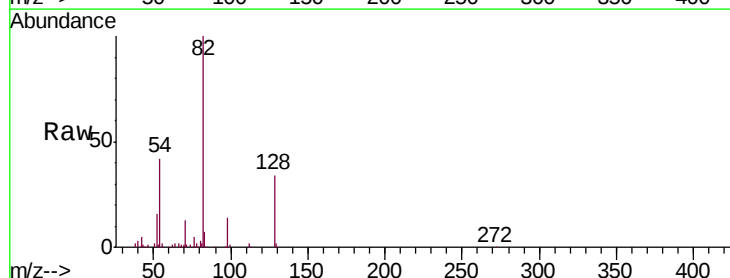
Ion Ratio Lower Upper

70 100

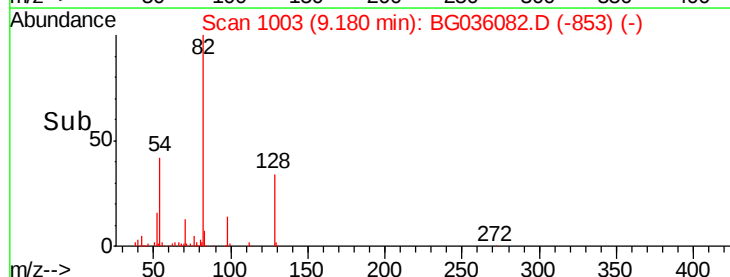
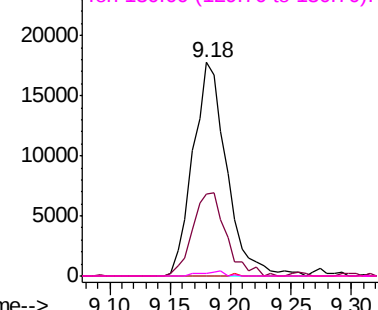
42 38.3 49.1 73.7#

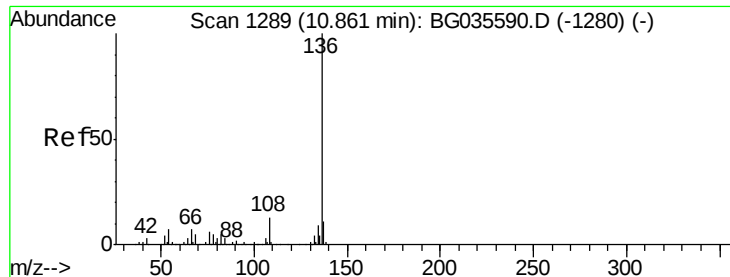
101 0.0 8.5 12.7#

130 1.0 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

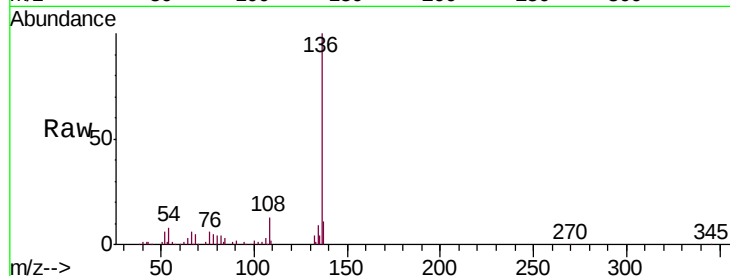




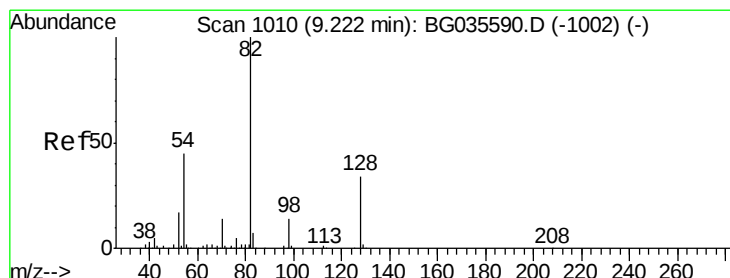
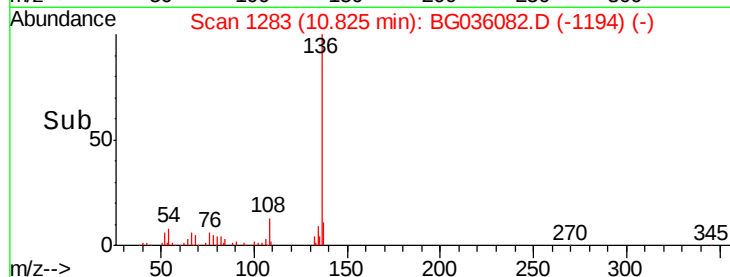
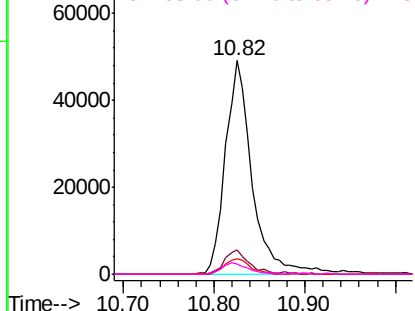
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG036082.D
Acq: 3 Aug 2018 6:32

Instrument :
BNA_G
ClientSampleId :
KG-PIT-6

Tgt Ion:	136	Resp:	100728
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	7.5	10.3	15.5#
68	5.0	4.5	6.7

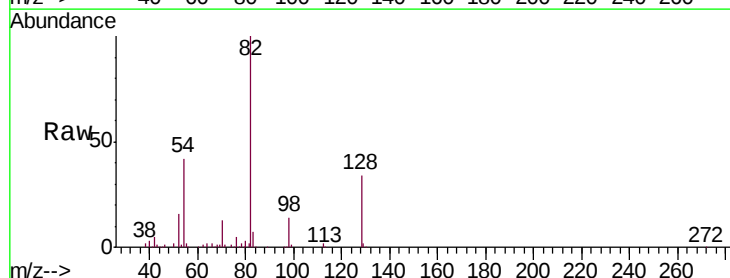


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

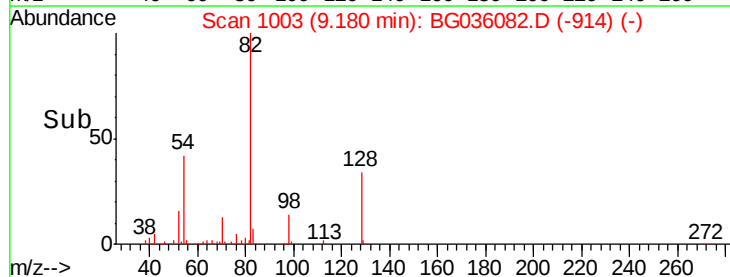
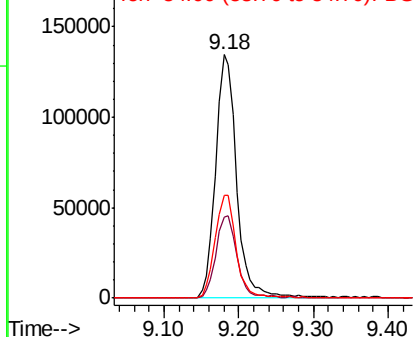


#23
Nitrobenzene-d5
Concen: 109.178 ng
RT: 9.18 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG036082.D
Acq: 3 Aug 2018 6:32

Tgt Ion:	82	Resp:	263252
Ion	Ratio	Lower	Upper
82	100		
128	33.5	29.7	44.5
54	42.1	43.1	64.7#



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1934

Delta R.T. -0.00 min

Lab File: BG036082.D

Acq: 3 Aug 2018 6:32

Instrument :

BNA_G

ClientSampleId :

KG-PIT-6

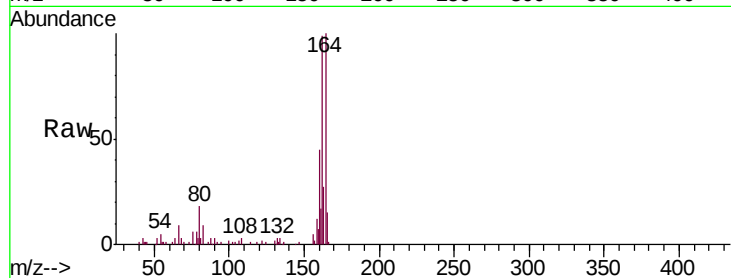
Tgt Ion:164 Resp: 72143

Ion Ratio Lower Upper

164 100

162 98.6 78.8 118.2

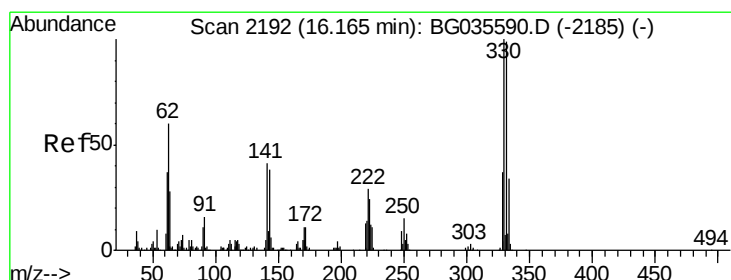
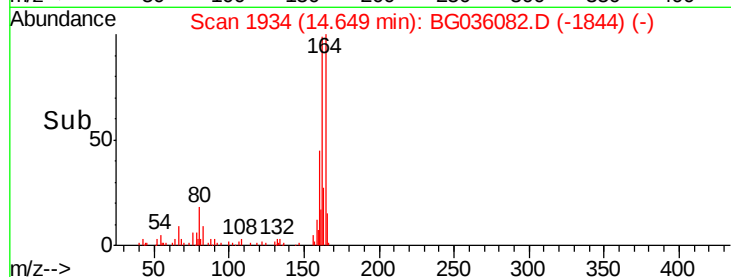
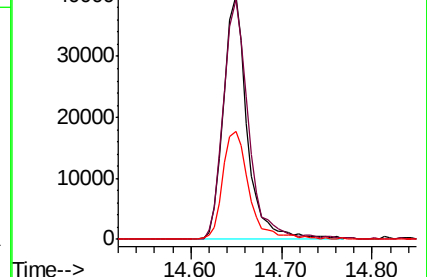
160 44.6 35.4 53.0



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: 159.225 ng

RT: 16.14 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BG036082.D

Acq: 3 Aug 2018 6:32

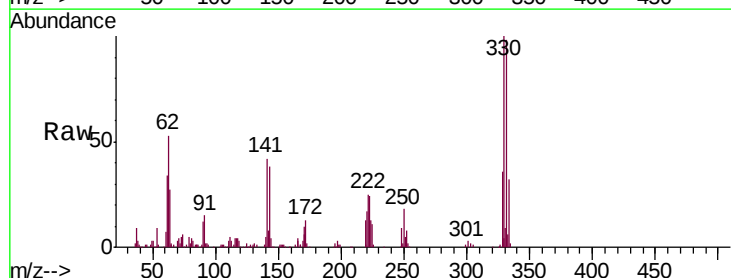
Tgt Ion:330 Resp: 151406

Ion Ratio Lower Upper

330 100

332 93.2 77.0 115.6

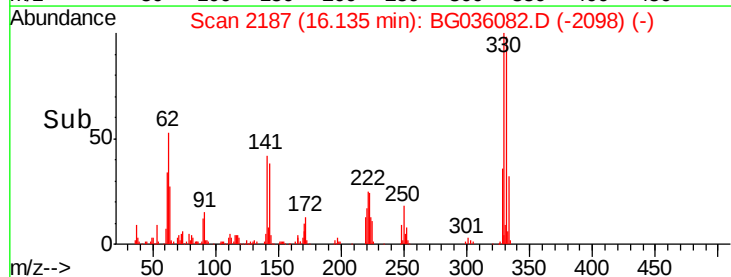
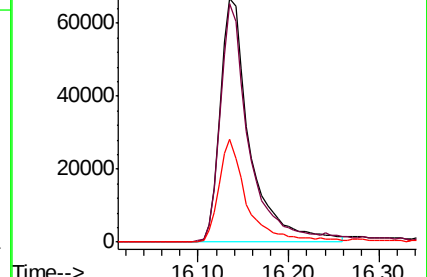
141 39.1 25.2 37.8#

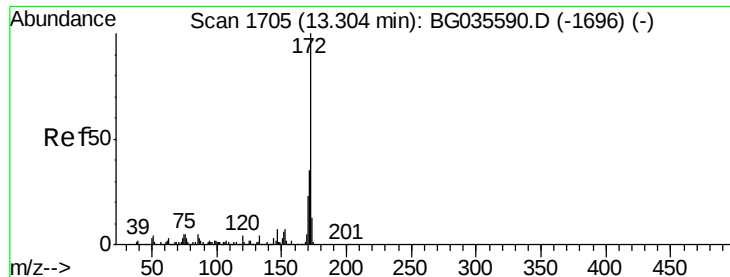


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

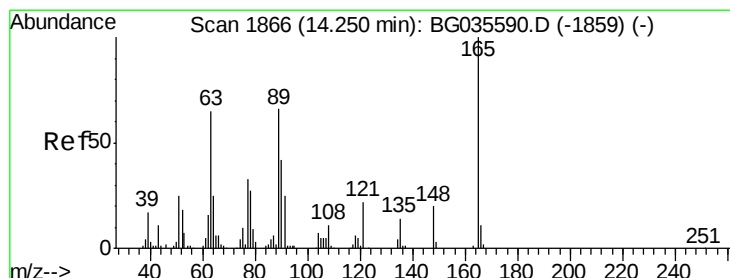
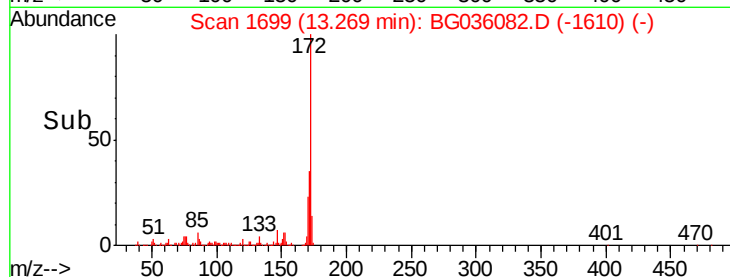
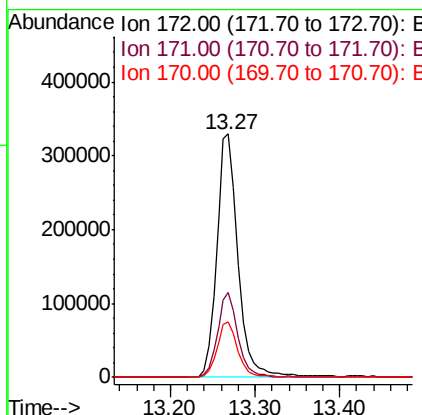
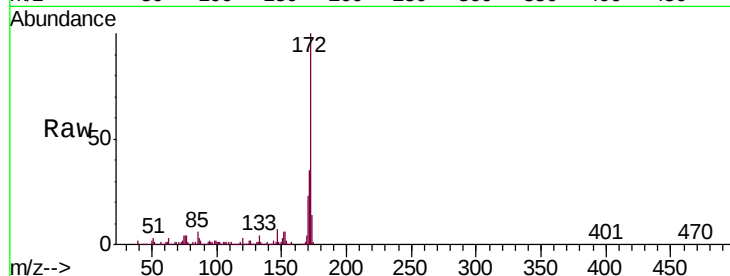




#44
 2-Fluorobiphenyl
 Concen: 107.637 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG036082.D
 Acq: 3 Aug 2018 6:32

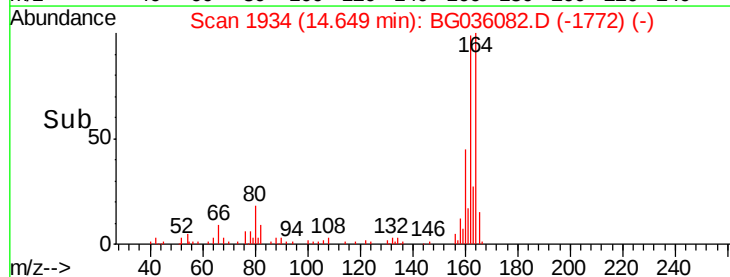
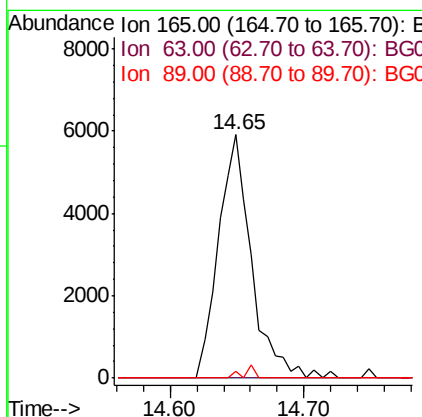
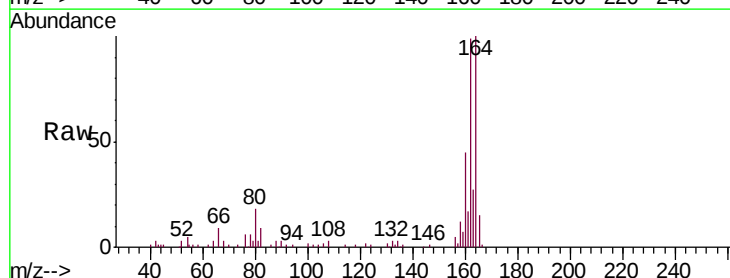
Instrument :
 BNA_G
 ClientSampleId :
 KG-PIT-6

Tgt Ion:172 Resp: 579607
 Ion Ratio Lower Upper
 172 100
 171 34.7 30.0 45.0
 170 23.0 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.980 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. 0.42 min
 Lab File: BG036082.D
 Acq: 3 Aug 2018 6:32

Tgt Ion:165 Resp: 10271
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 2.6 49.2 73.8#

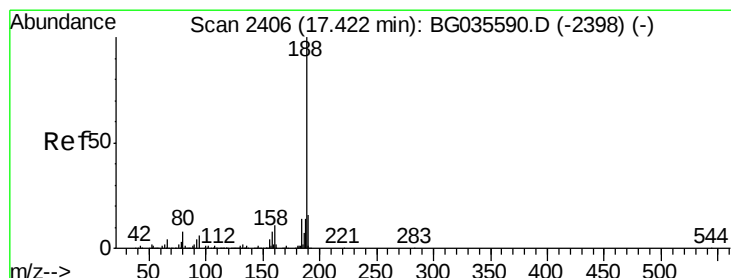
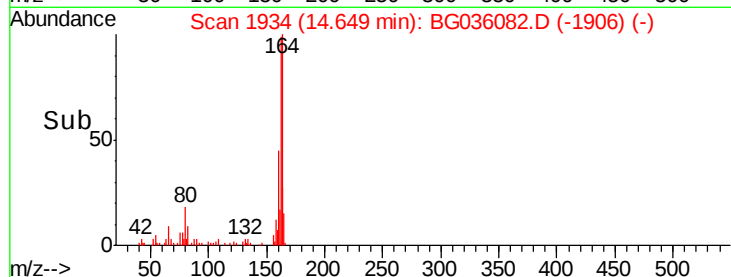
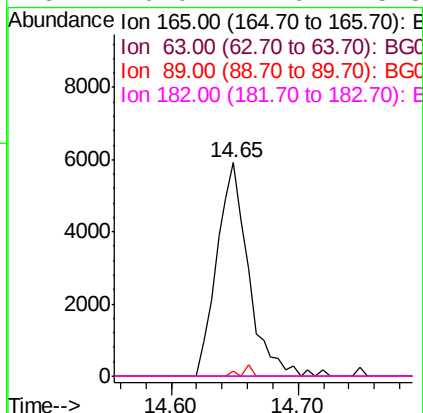
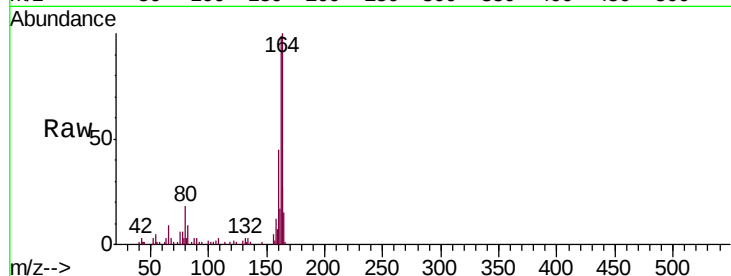




#56
 2,4-Dinitrotoluene
 Concen: 5.562 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.37 min
 Lab File: BG036082.D
 Acq: 3 Aug 2018 6:32

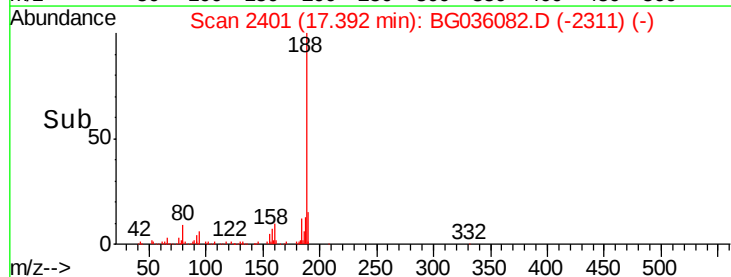
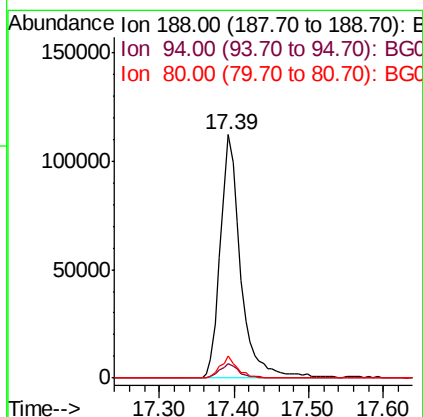
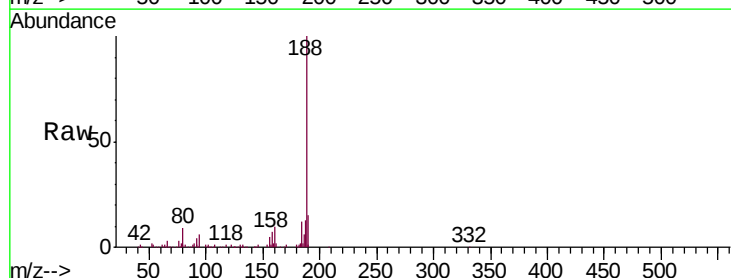
Instrument :
 BNA_G
 ClientSampleId :
 KG-PIT-6

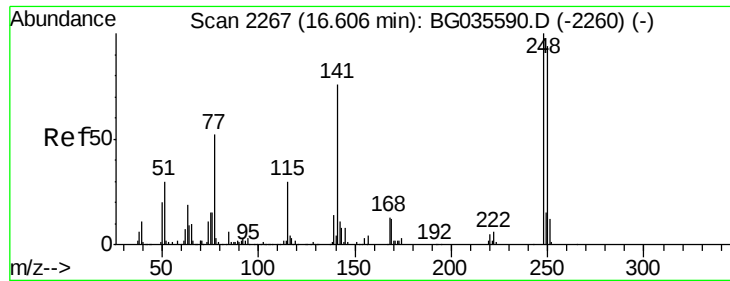
Tgt Ion:165 Resp: 10271
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 2.6 66.9 100.3#
 182 0.0 2.6 3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.39 min Scan# 2401
 Delta R.T. -0.00 min
 Lab File: BG036082.D
 Acq: 3 Aug 2018 6:32

Tgt Ion:188 Resp: 213510
 Ion Ratio Lower Upper
 188 100
 94 5.8 6.9 10.3#
 80 9.1 7.7 11.5

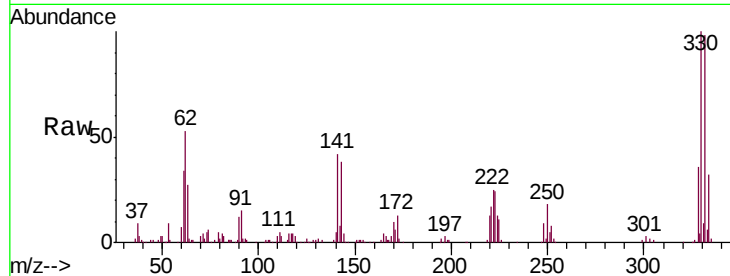




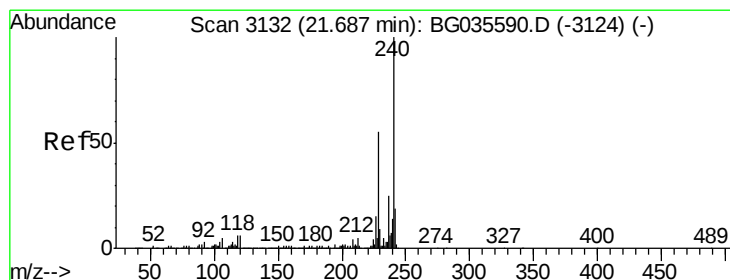
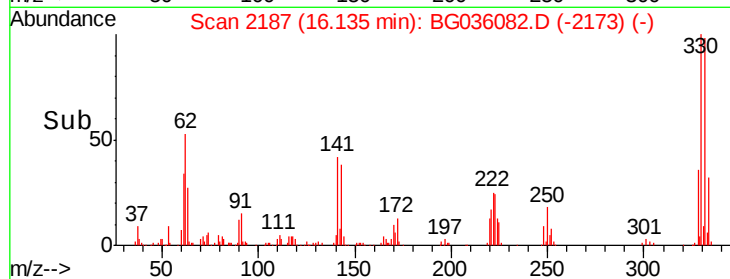
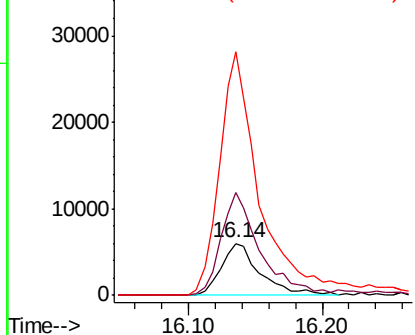
#66
 4-Bromophenyl-phenylether
 Concen: 4.932 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.45 min
 Lab File: BG036082.D
 Acq: 3 Aug 2018 6:32

Instrument :
 BNA_G
 ClientSampleId :
 KG-PIT-6

Tgt Ion:248 Resp: 12216
 Ion Ratio Lower Upper
 248 100
 250 198.3 77.1 115.7#
 141 468.4 50.8 76.2#

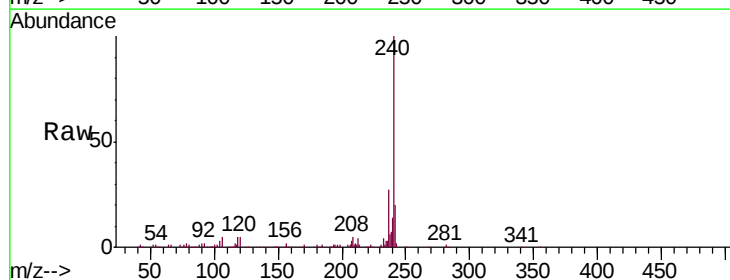


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

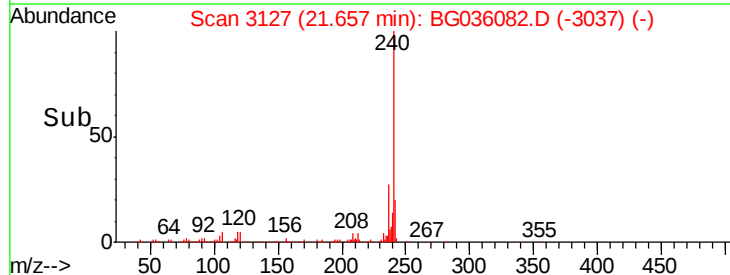
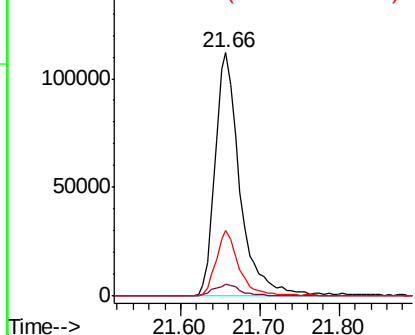


#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.66 min Scan# 3127
 Delta R.T. -0.00 min
 Lab File: BG036082.D
 Acq: 3 Aug 2018 6:32

Tgt Ion:240 Resp: 243510
 Ion Ratio Lower Upper
 240 100
 120 5.0 6.8 10.2#
 236 27.0 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: 3.617 ng

RT: 19.99 min Scan# 2844

Delta R.T. 0.37 min

Lab File: BG036082.D

Acq: 3 Aug 2018 6:32

Instrument :

BNA_G

ClientSampleId :

KG-PIT-6

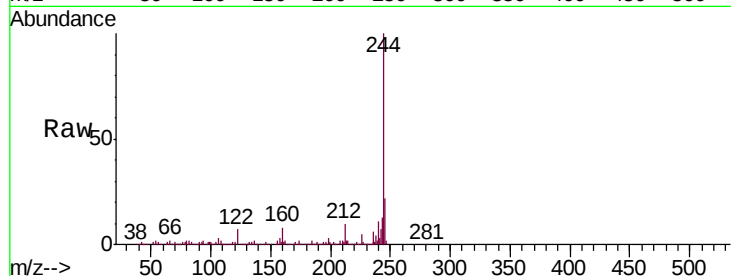
Tgt Ion:184 Resp: 23157

Ion Ratio Lower Upper

184 100

185 16.8 11.1 16.7#

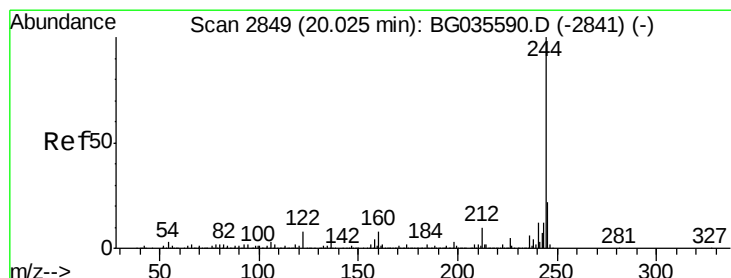
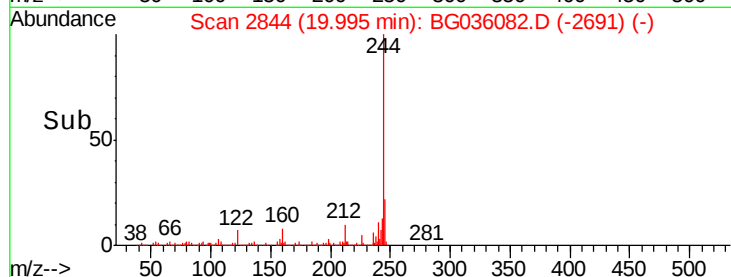
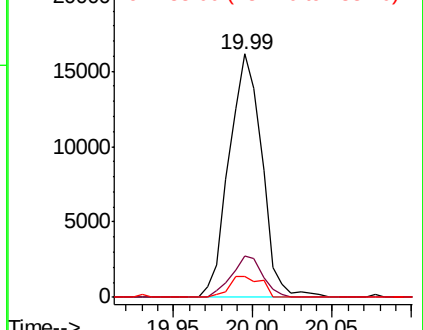
183 8.7 10.6 16.0#



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: 116.486 ng

RT: 19.99 min Scan# 2844

Delta R.T. -0.01 min

Lab File: BG036082.D

Acq: 3 Aug 2018 6:32

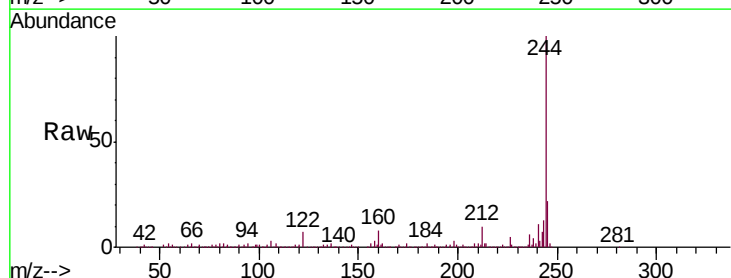
Tgt Ion:244 Resp: 1286823

Ion Ratio Lower Upper

244 100

212 9.6 5.8 8.8#

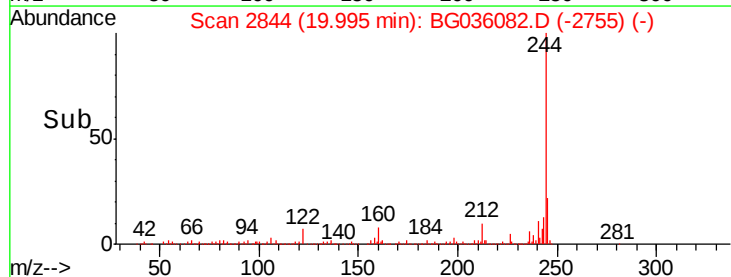
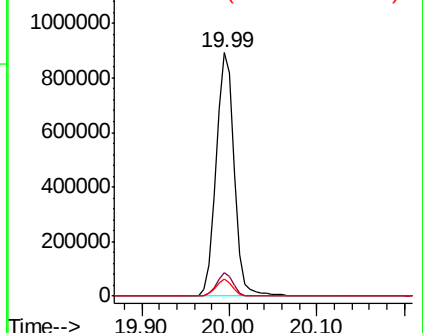
122 7.0 7.0 10.4

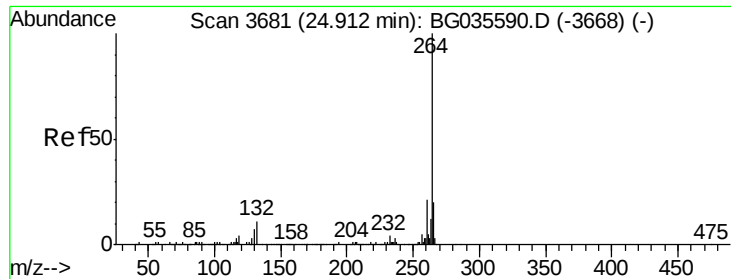


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.85 min Scan# 3671
Delta R.T. -0.01 min
Lab File: BG036082.D
Acq: 3 Aug 2018 6:32

Instrument :
BNA_G
ClientSampleId :
KG-PIT-6

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	19.4	17.7	26.5

