

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080218\
 Data File : BG036080.D
 Acq On : 3 Aug 2018 5:14
 Operator : JU/SJ
 Sample : J4285-16
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 KG-PIT-4

Quant Time: Aug 03 07:10:34 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

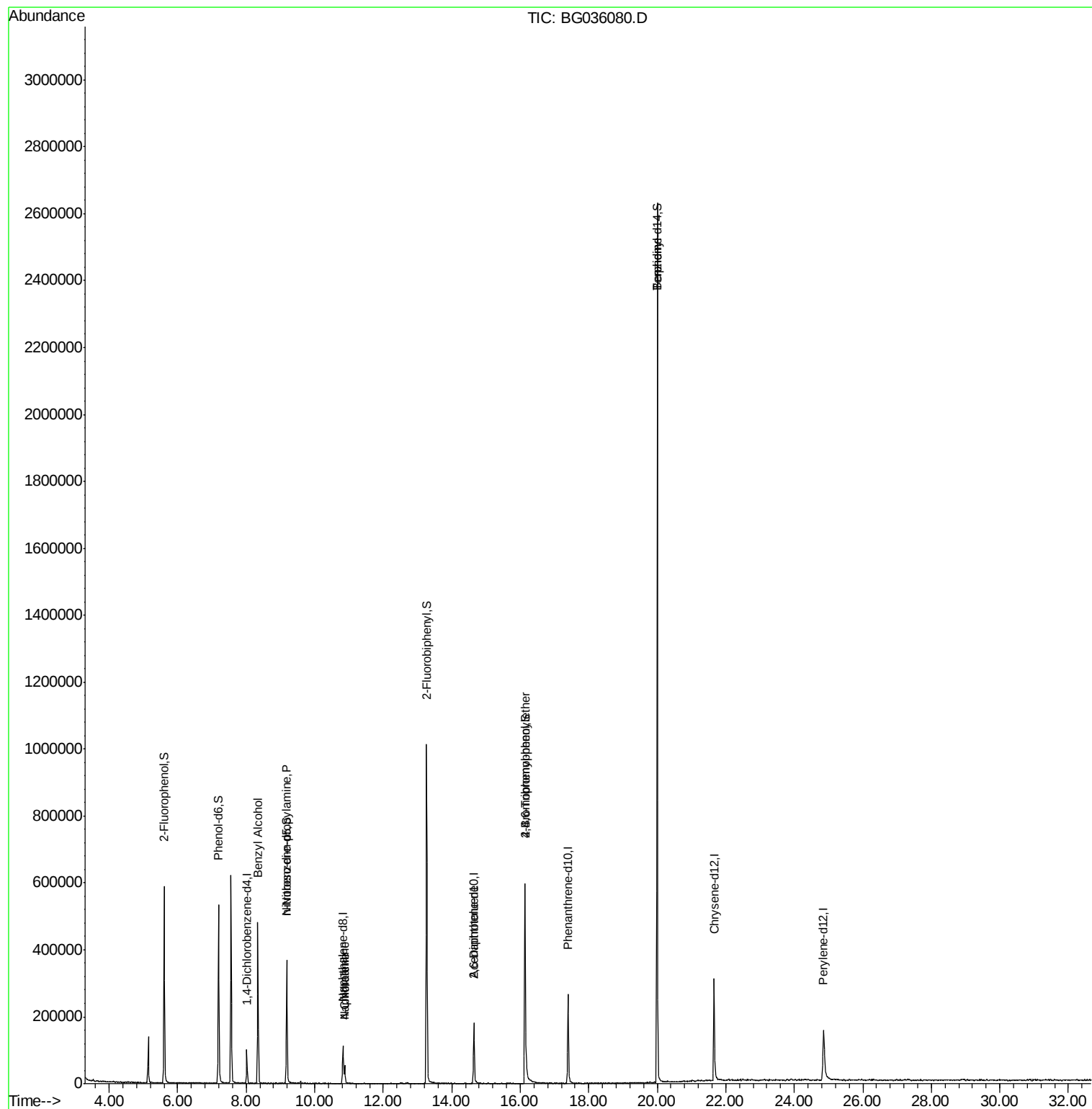
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	27319	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	100416	20.00	ng	-0.01
38) Acenaphthene-d10	14.65	164	73539	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	210690	20.00	ng	0.00
75) Chrysene-d12	21.65	240	243299	20.00	ng	0.00
86) Perylene-d12	24.86	264	216310	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	256382	155.81	ng	0.00
7) Phenol-d6	7.19	99	334932	136.43	ng	0.00
23) Nitrobenzene-d5	9.18	82	263704	109.71	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	156205	161.15	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	596649	108.70	ng	-0.01
78) Terphenyl-d14	20.00	244	1332330	120.71	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.34	79	4516	2.026	ng	# 35
19) n-Nitroso-di-n-propylamine	9.18	70	36948	17.872	ng	# 70
31) Naphthalene	10.87	128	48541	9.280	ng	# 97
33) 4-Chloroaniline	10.87	127	6289	2.759	ng	# 36
50) 2,6-Dinitrotoluene	14.65	165	10437	7.955	ng	# 21
66) 4-Bromophenyl-phenylether	16.14	248	11881	4.861	ng	# 1
76) Benzydine	20.00	184	23296	3.642	ng	# 92

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

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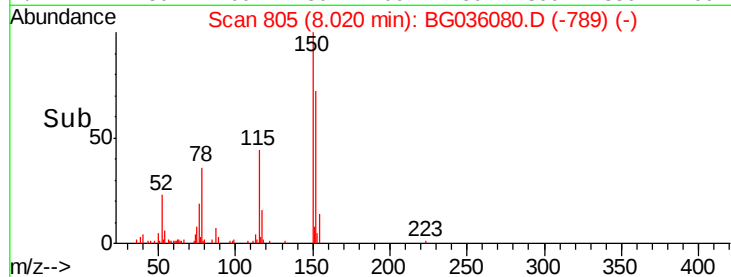
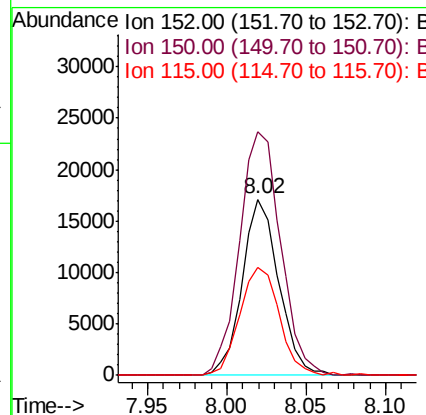
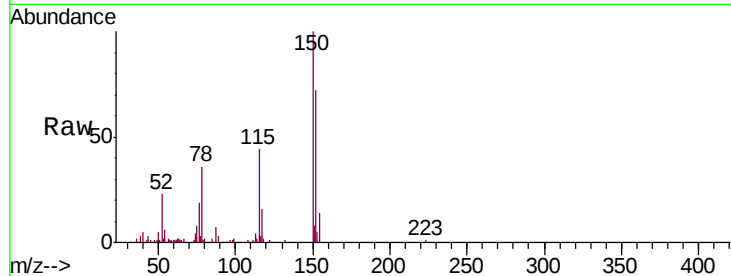


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 805
Delta R.T. -0.00 min
Lab File: BG036080.D
Acq: 3 Aug 2018 5:14

Instrument :
BNA_G
ClientSampleId :
KG-PIT-4

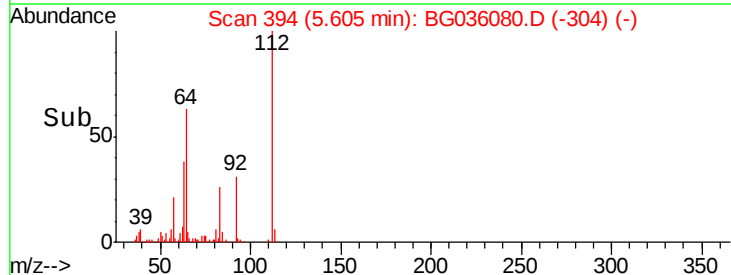
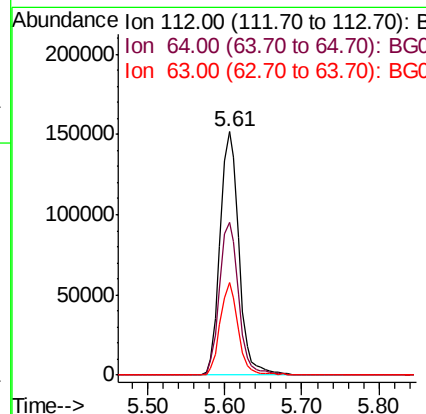
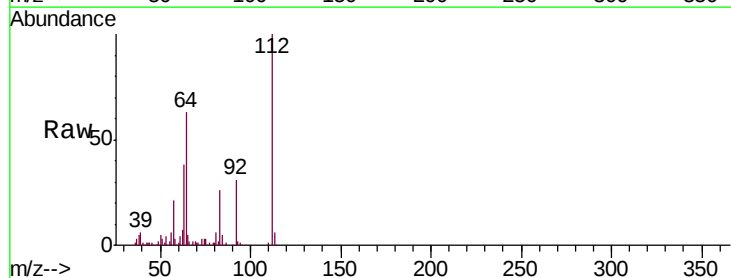
Tgt Ion	Ratio	Lower	Upper
152	100		
150	138.5	126.6	189.8
115	61.4	53.0	79.4

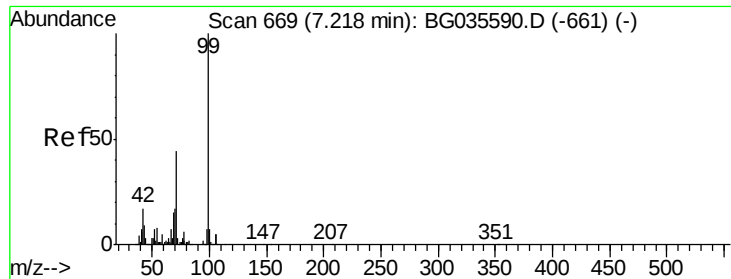


#5

2-Fluorophenol
Concen: 155.809 ng
RT: 5.61 min Scan# 394
Delta R.T. 0.00 min
Lab File: BG036080.D
Acq: 3 Aug 2018 5:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.6	56.3	84.5
63	38.1	30.1	45.1





#7

Phenol-d6

Concen: 136.426 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.00 min

Lab File: BG036080.D

Acq: 3 Aug 2018 5:14

Instrument :

BNA_G

ClientSampleId :

KG-PIT-4

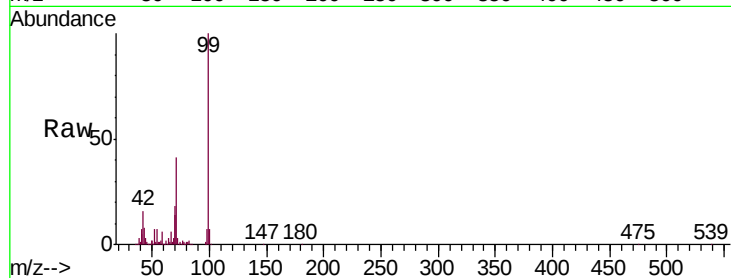
Tgt Ion: 99 Resp: 334932

Ion Ratio Lower Upper

99 100

42 16.3 14.1 21.1

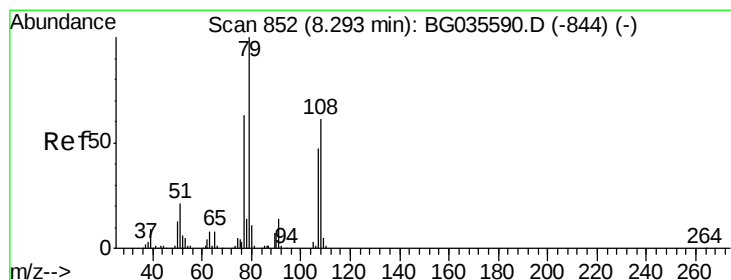
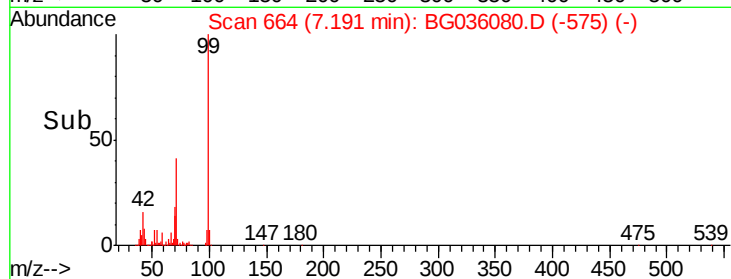
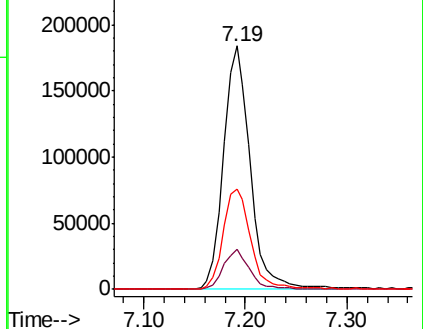
71 41.4 26.1 39.1#



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



#15

Benzyl Alcohol

Concen: 2.026 ng

RT: 8.34 min Scan# 860

Delta R.T. 0.08 min

Lab File: BG036080.D

Acq: 3 Aug 2018 5:14

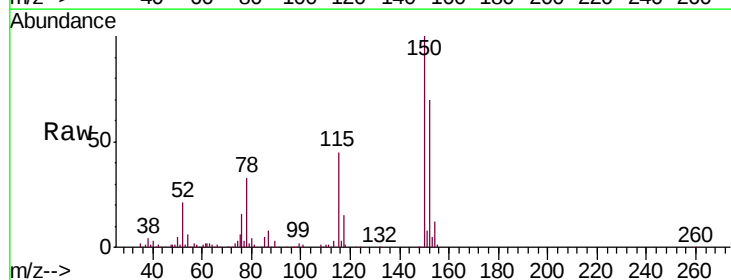
Tgt Ion: 79 Resp: 4516

Ion Ratio Lower Upper

79 100

108 34.5 57.2 85.8#

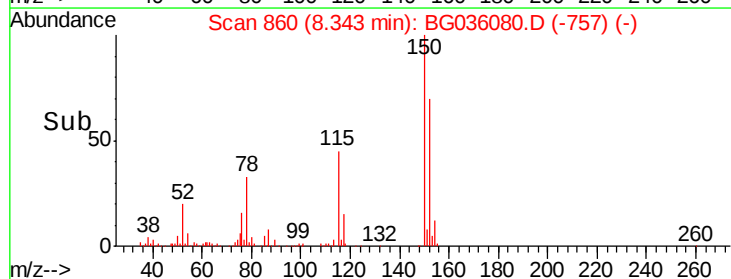
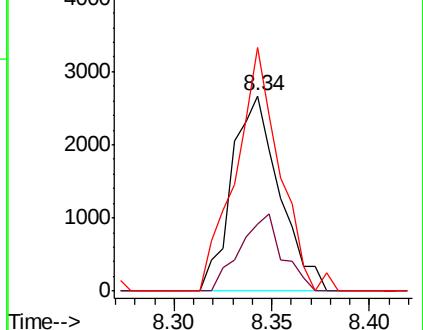
77 124.8 46.1 69.1#

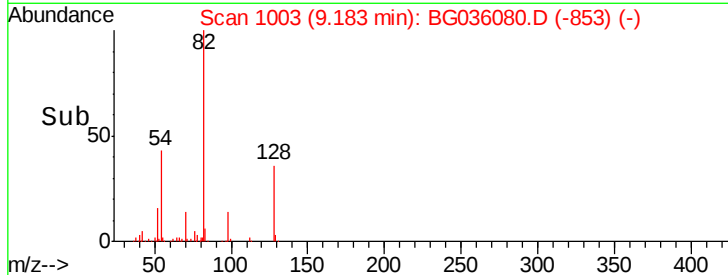
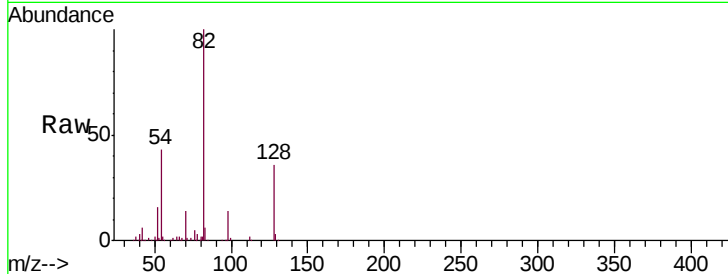
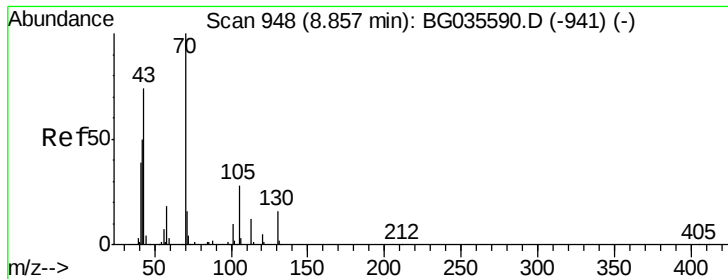


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

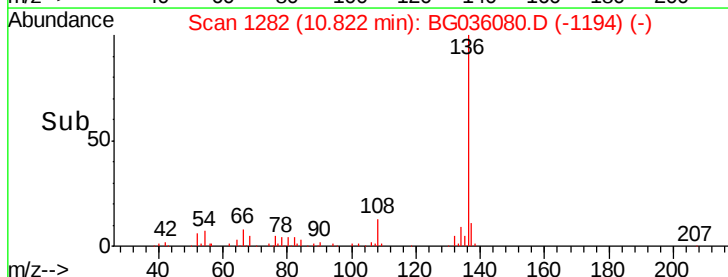
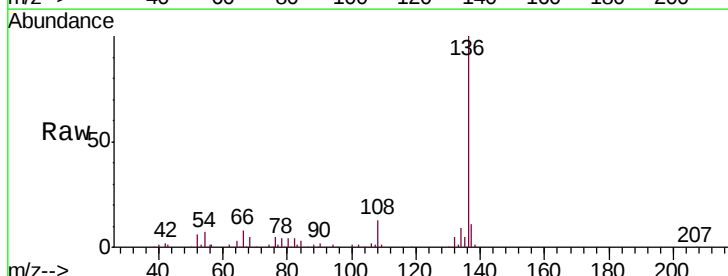
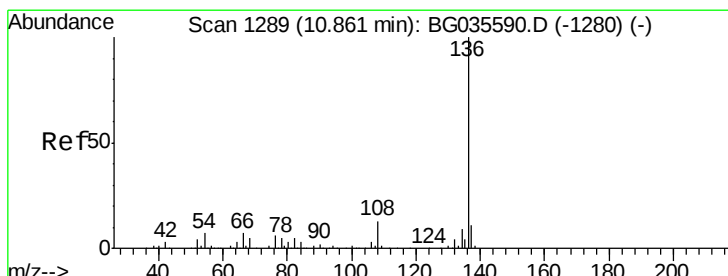
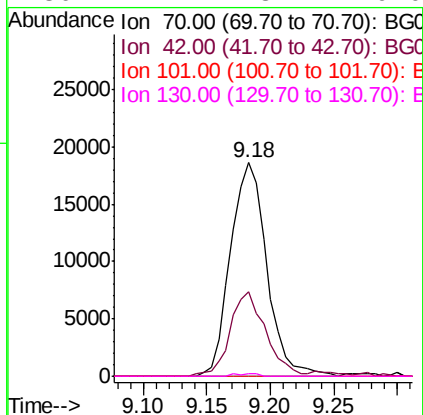




#19
n-Nitroso-di-n-propylamine
Concen: 17.872 ng
RT: 9.18 min Scan# 1003
Delta R.T. 0.35 min
Lab File: BG036080.D
Acq: 3 Aug 2018 5:14

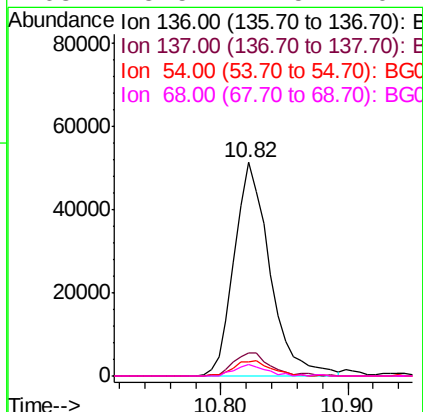
Instrument :
BNA_G
ClientSampled :
KG-PIT-4

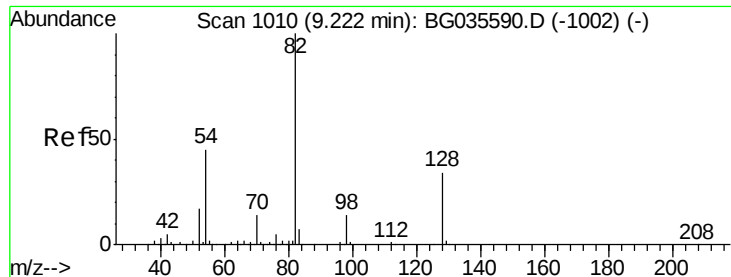
Tgt Ion:	70	Resp:	36948
Ion	Ratio	Lower	Upper
70	100		
42	39.8	49.1	73.7#
101	0.0	8.5	12.7#
130	1.1	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BG036080.D
Acq: 3 Aug 2018 5:14

Tgt Ion:	136	Resp:	100416
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	6.8	10.3	15.5#
68	5.5	4.5	6.7

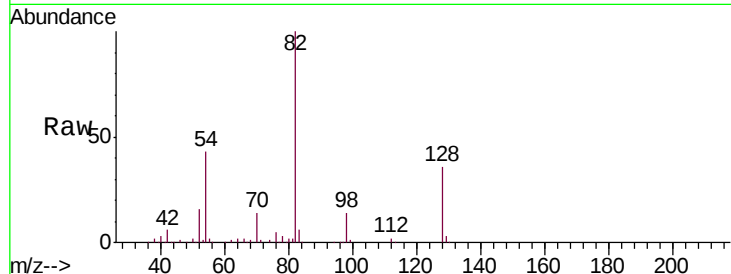




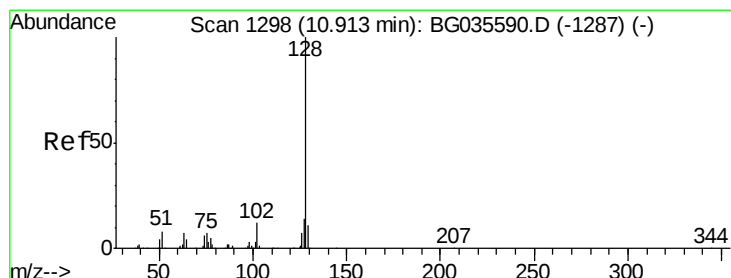
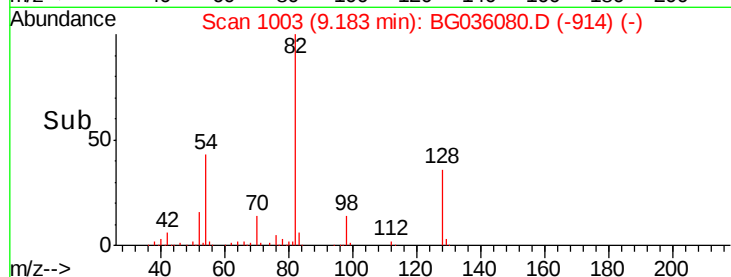
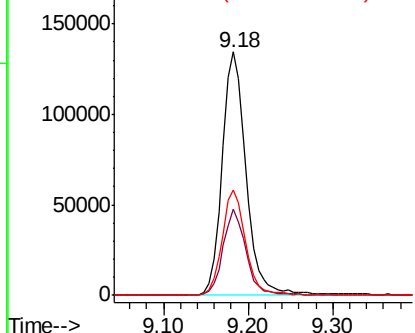
#23
Nitrobenzene-d5
Concen: 109.705 ng
RT: 9.18 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BG036080.D
Acq: 3 Aug 2018 5:14

Instrument :
BNA_G
ClientSampleId :
KG-PIT-4

Tgt Ion: 82 Resp: 263704
Ion Ratio Lower Upper
82 100
128 35.6 29.7 44.5
54 43.2 43.1 64.7

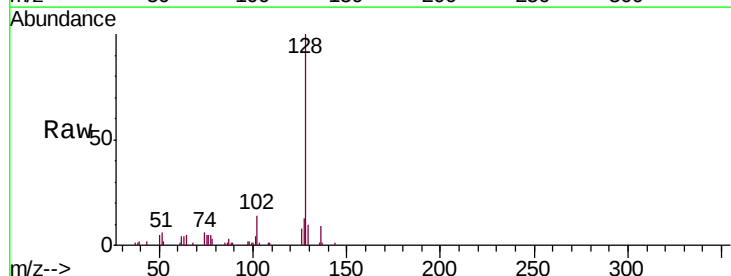


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

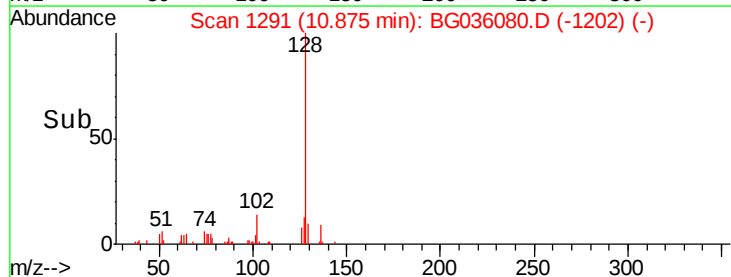
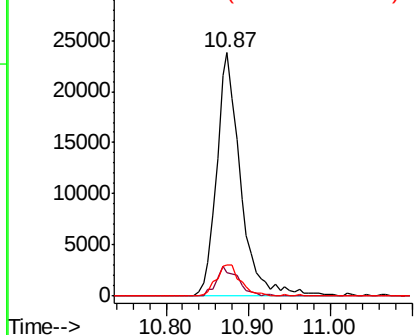


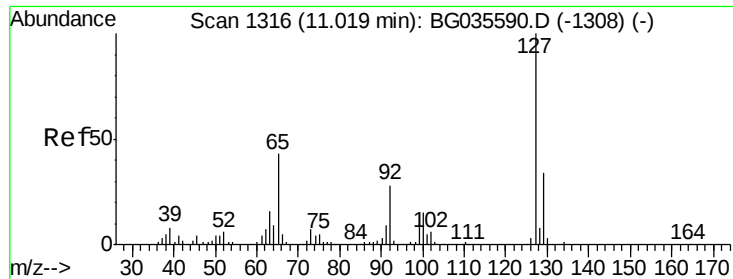
#31
Naphthalene
Concen: 9.280 ng
RT: 10.87 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BG036080.D
Acq: 3 Aug 2018 5:14

Tgt Ion: 128 Resp: 48541
Ion Ratio Lower Upper
128 100
129 9.7 8.6 12.8
127 13.0 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC

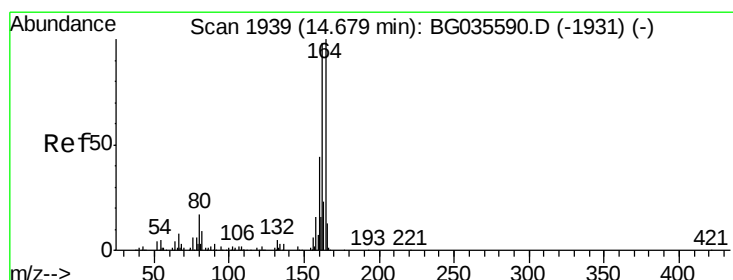
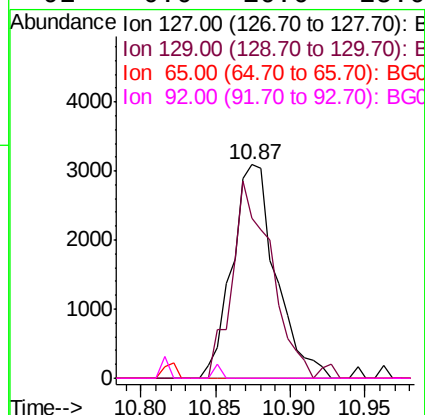
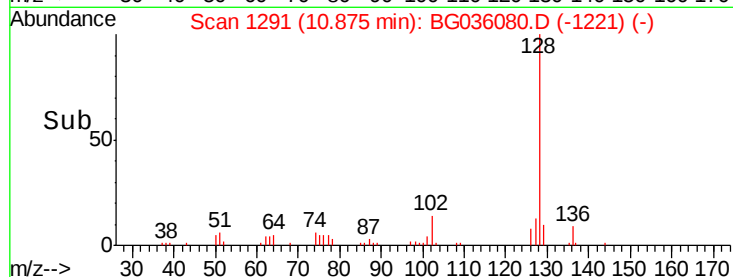
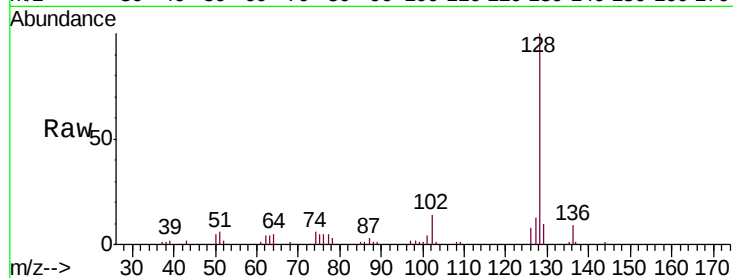




#33
4-Chloroaniline
Concen: 2.759 ng
RT: 10.87 min Scan# 1291
Delta R.T. -0.12 min
Lab File: BG036080.D
Acq: 3 Aug 2018 5:14

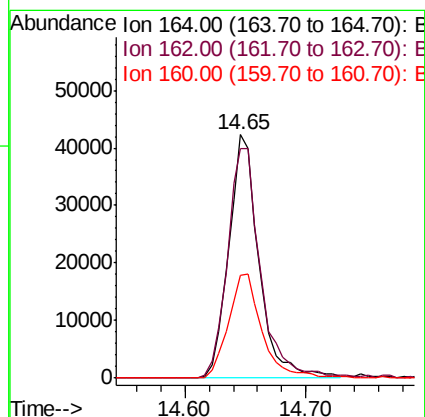
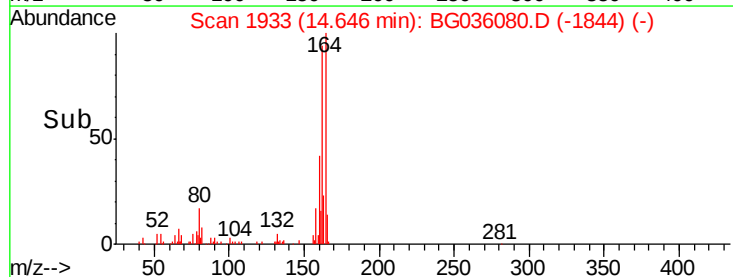
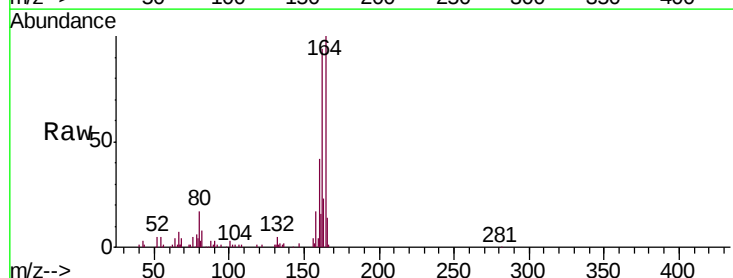
Instrument :
BNA_G
ClientSampleId :
KG-PIT-4

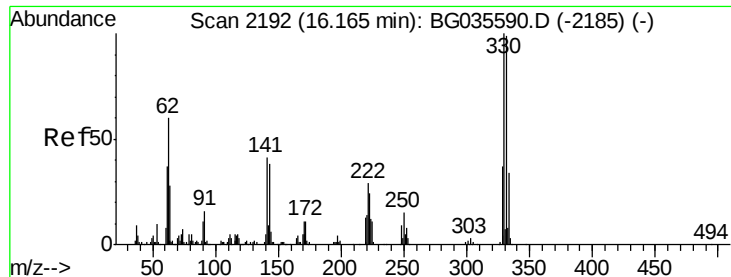
Tgt Ion:	127	Resp:	6289
Ion	Ratio	Lower	Upper
127	100		
129	75.0	24.0	36.0#
65	0.0	27.0	40.4#
92	0.0	16.6	25.0#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BG036080.D
Acq: 3 Aug 2018 5:14

Tgt Ion:	164	Resp:	73539
Ion	Ratio	Lower	Upper
164	100		
162	94.3	78.8	118.2
160	42.2	35.4	53.0

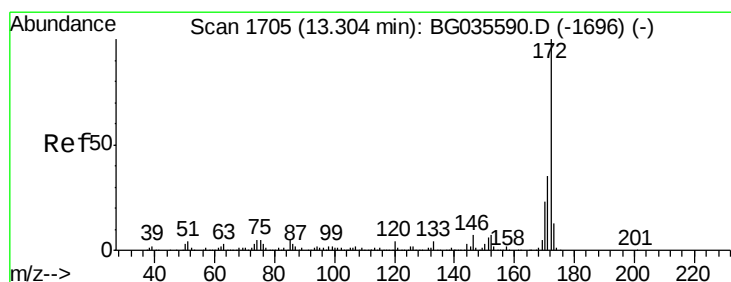
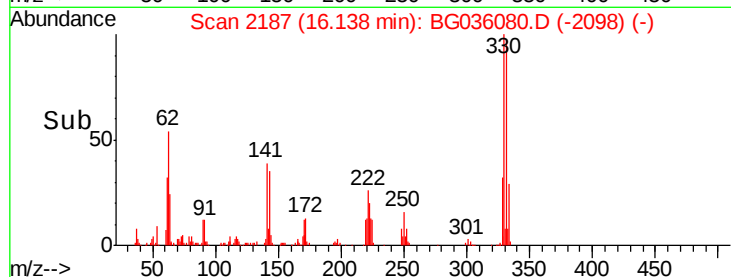
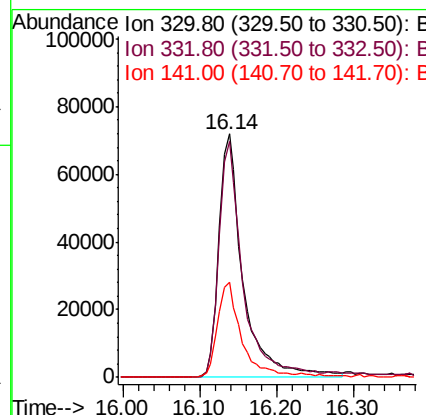
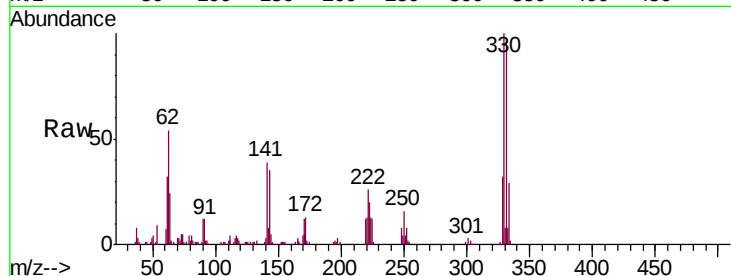




#41
 2,4,6-Tribromophenol
 Concen: 161.154 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: BG036080.D
 Acq: 3 Aug 2018 5:14

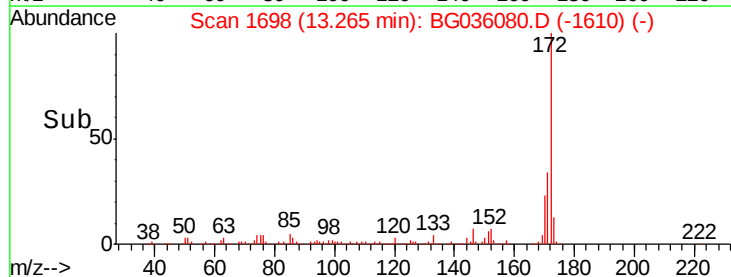
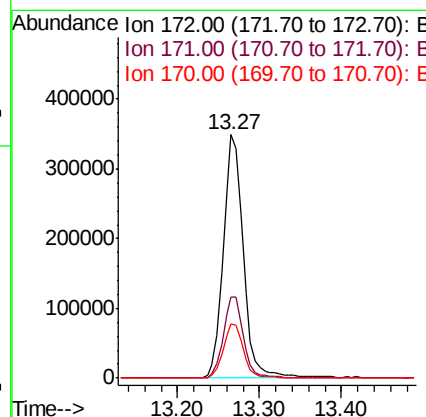
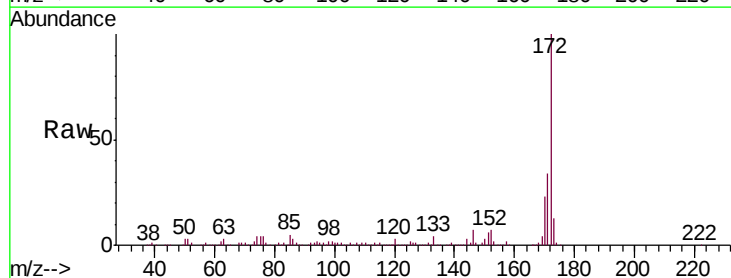
Instrument :
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 ClientSampleId :
 KG-PIT-4

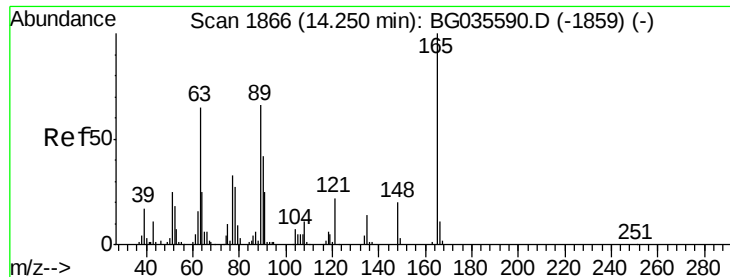
Tgt Ion: 330 Resp: 156205
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 38.3 25.2 37.8#



#44
 2-Fluorobiphenyl
 Concen: 108.698 ng
 RT: 13.27 min Scan# 1698
 Delta R.T. -0.01 min
 Lab File: BG036080.D
 Acq: 3 Aug 2018 5:14

Tgt Ion: 172 Resp: 596649
 Ion Ratio Lower Upper
 172 100
 171 33.5 30.0 45.0
 170 22.5 19.5 29.3

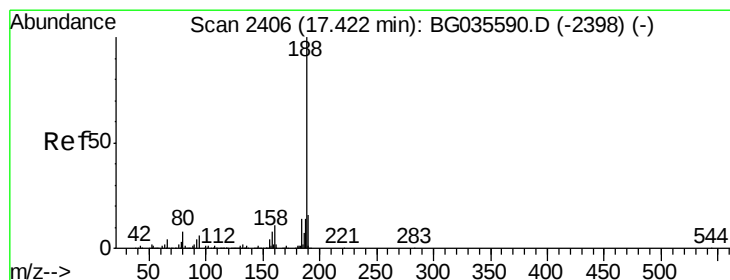
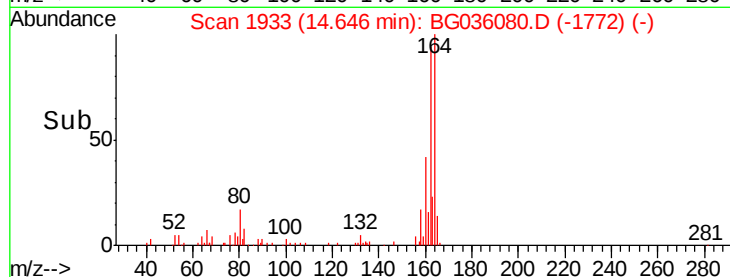
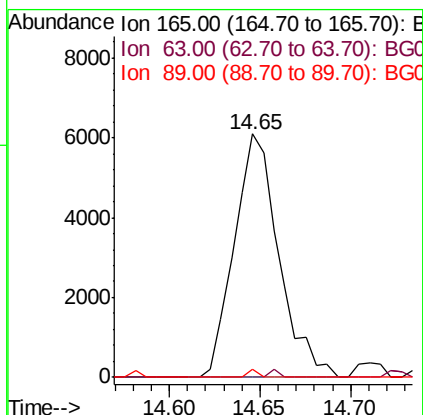
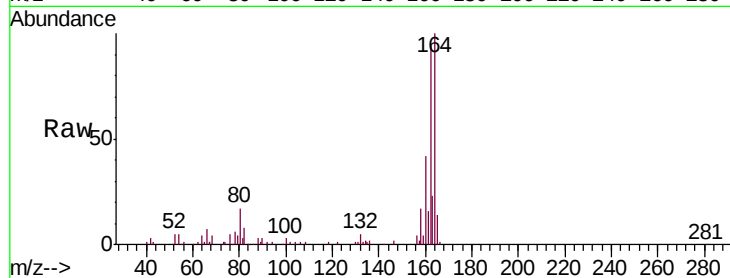




#50
 2,6-Dinitrotoluene
 Concen: 7.955 ng
 RT: 14.65 min Scan# 1933
 Delta R.T. 0.42 min
 Lab File: BG036080.D
 Acq: 3 Aug 2018 5:14

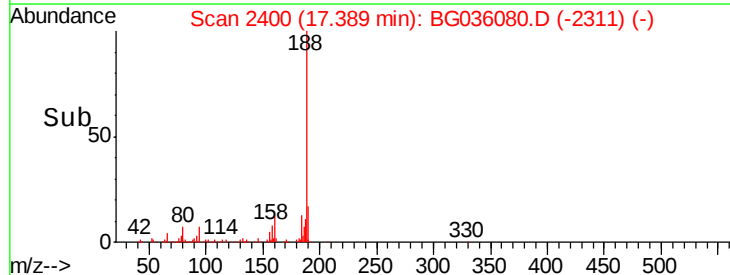
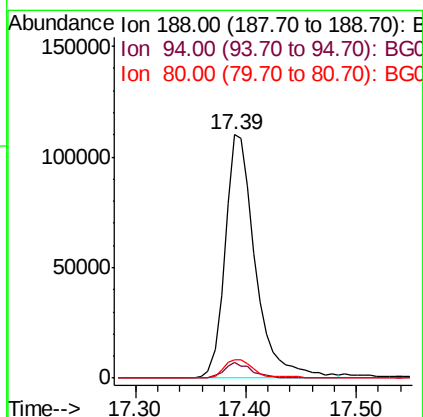
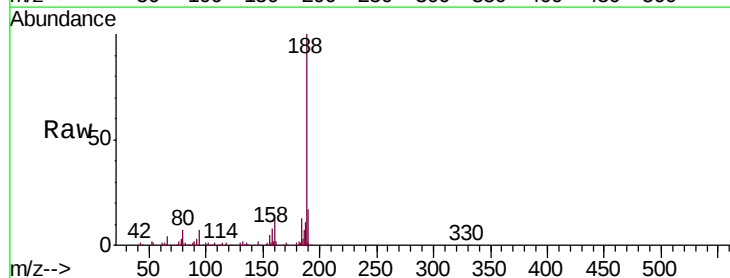
Instrument :
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 KG-PIT-4

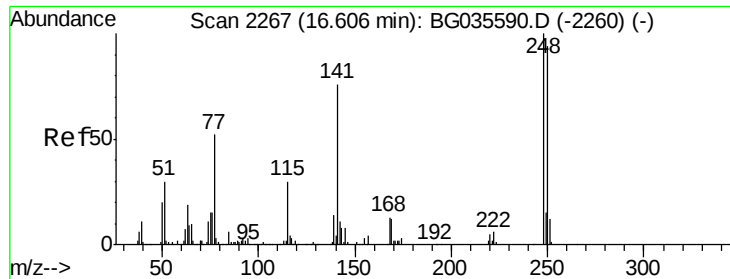
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	3.5	49.2	73.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.39 min Scan# 2400
 Delta R.T. -0.00 min
 Lab File: BG036080.D
 Acq: 3 Aug 2018 5:14

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.5	6.9	10.3#
80	7.5	7.7	11.5#

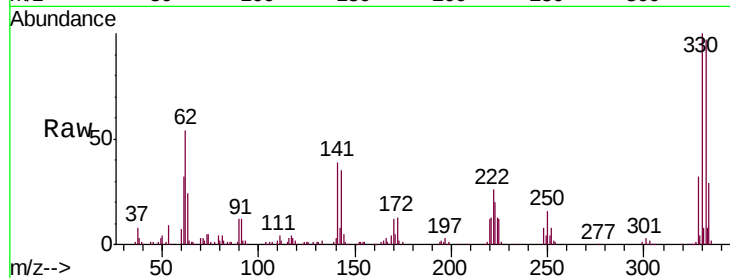




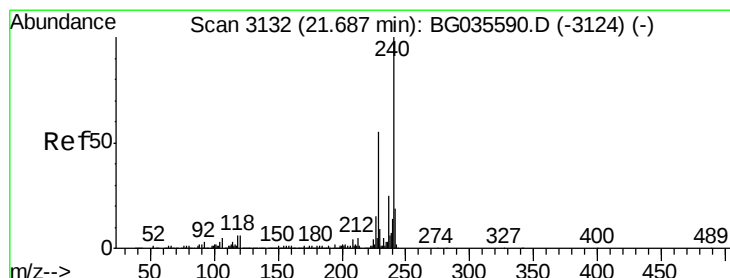
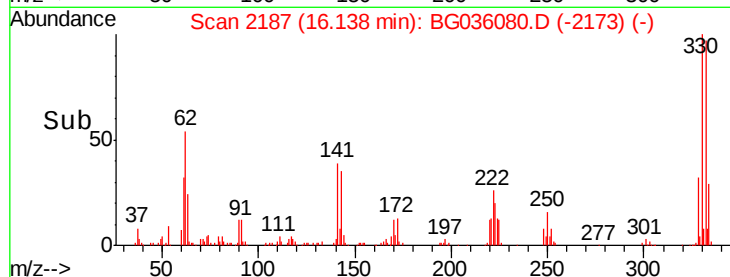
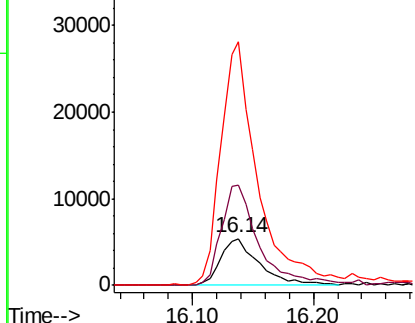
#66
 4-Bromophenyl-phenylether
 Concen: 4.861 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.45 min
 Lab File: BG036080.D
 Acq: 3 Aug 2018 5:14

Instrument :
 BNA_G
 ClientSampleId :
 KG-PIT-4

Tgt Ion:248 Resp: 11881
 Ion Ratio Lower Upper
 248 100
 250 215.2 77.1 115.7#
 141 519.4 50.8 76.2#

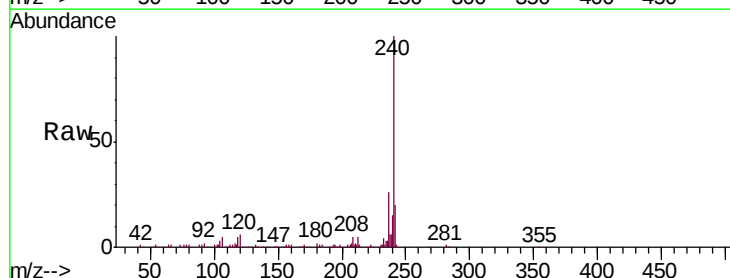


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

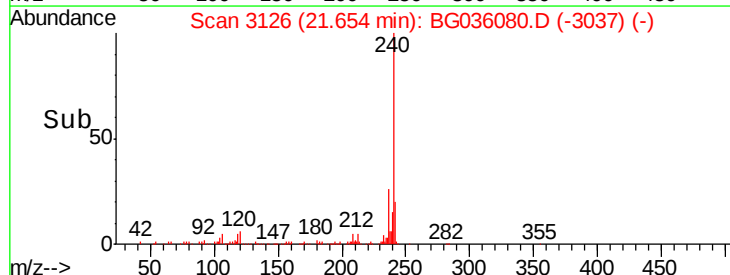
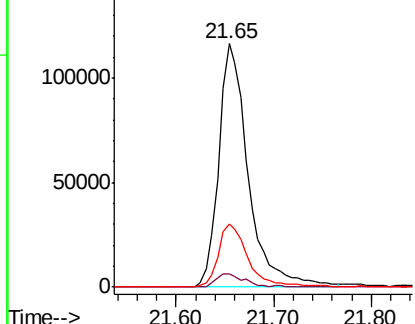


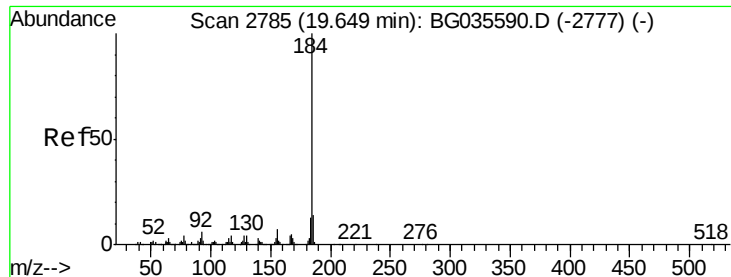
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.65 min Scan# 3126
 Delta R.T. -0.00 min
 Lab File: BG036080.D
 Acq: 3 Aug 2018 5:14

Tgt Ion:240 Resp: 243299
 Ion Ratio Lower Upper
 240 100
 120 5.5 6.8 10.2#
 236 25.9 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: 3.642 ng

RT: 20.00 min Scan# 2844

Delta R.T. 0.37 min

Lab File: BG036080.D

Acq: 3 Aug 2018 5:14

Instrument :

BNA_G

ClientSampled :

KG-PIT-4

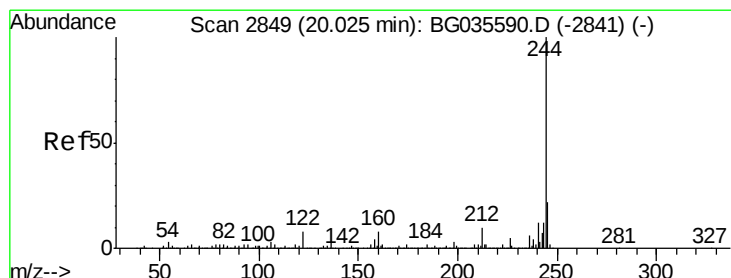
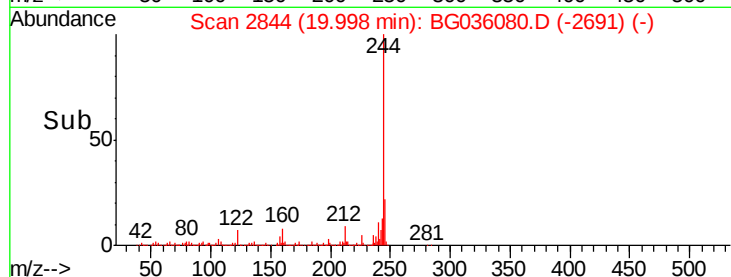
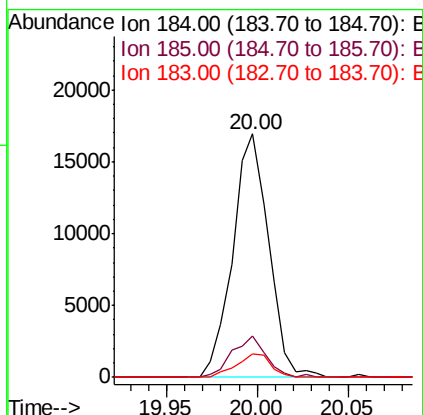
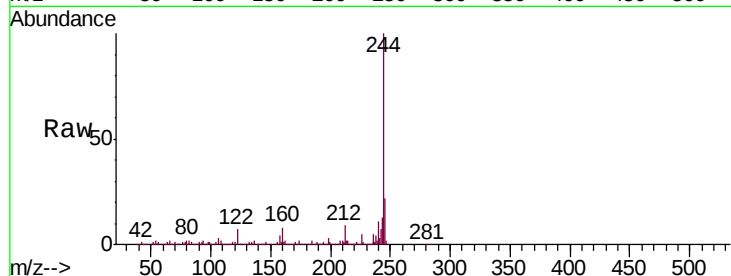
Tgt Ion:184 Resp: 23296

Ion Ratio Lower Upper

184 100

185 17.2 11.1 16.7#

183 9.9 10.6 16.0#



#78

Terphenyl-d14

Concen: 120.710 ng

RT: 20.00 min Scan# 2844

Delta R.T. -0.00 min

Lab File: BG036080.D

Acq: 3 Aug 2018 5:14

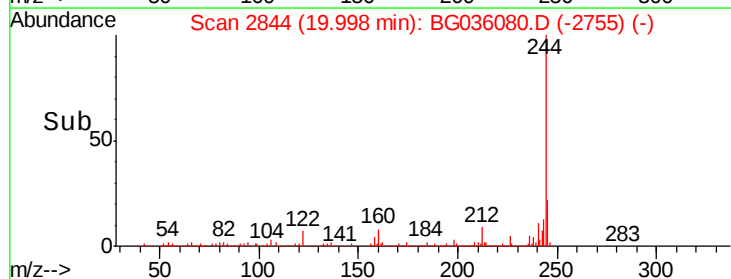
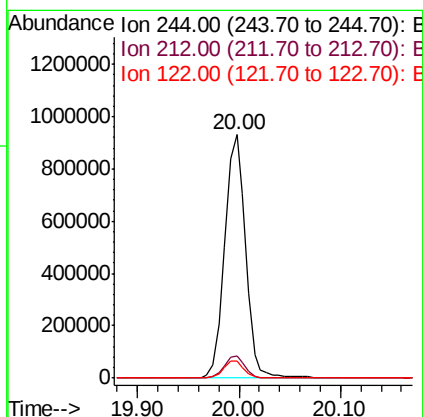
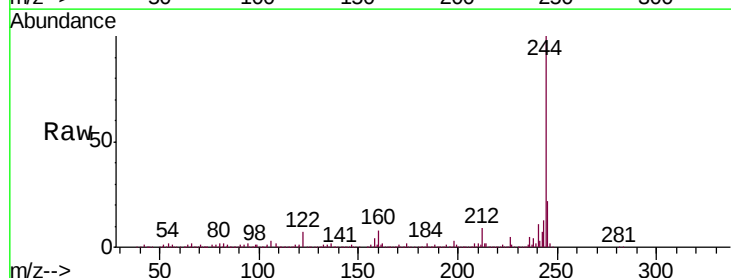
Tgt Ion:244 Resp: 1332330

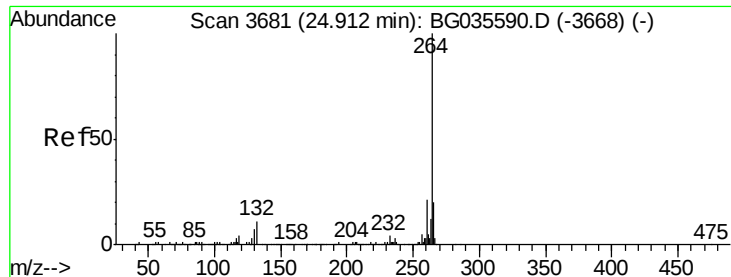
Ion Ratio Lower Upper

244 100

212 9.4 5.8 8.8#

122 6.9 7.0 10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3671
Delta R.T. -0.00 min
Lab File: BG036080.D
Acq: 3 Aug 2018 5:14

Instrument :
BNA_G
ClientSampleId :
KG-PIT-4

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.5	17.4	26.0
265	20.2	17.7	26.5

