

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080218\
 Data File : BG036078.D
 Acq On : 3 Aug 2018 3:56
 Operator : JU/SJ
 Sample : J4285-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 KG-PIT-2

Quant Time: Aug 03 07:10:12 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

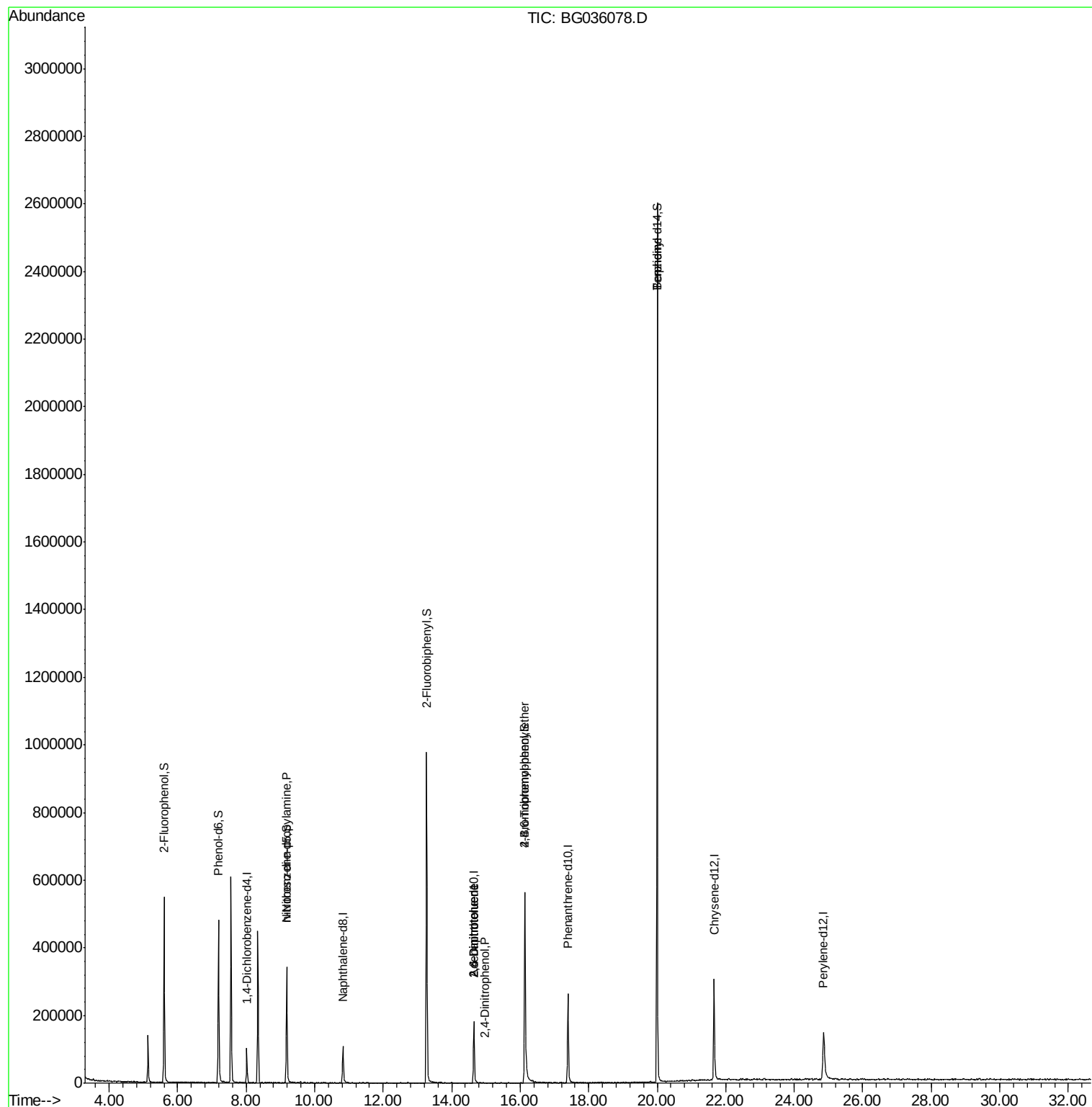
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	28403	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	104025	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	72853	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	214587	20.00	ng	0.00
75) Chrysene-d12	21.65	240	250266	20.00	ng	0.00
86) Perylene-d12	24.86	264	213517	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	240099	140.34	ng	0.00
7) Phenol-d6	7.19	99	310265	121.55	ng	0.00
23) Nitrobenzene-d5	9.18	82	254103	102.04	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	148816	154.98	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	573126	105.40	ng	0.00
78) Terphenyl-d14	20.00	244	1274624	112.27	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.18	70	34781	16.182	ng	# 74
50) 2,6-Dinitrotoluene	14.65	165	10536	8.106	ng	# 18
53) 2,4-Dinitrophenol	14.98	184	72	6.681	ng	# 1
56) 2,4-Dinitrotoluene	14.65	165	10536	5.650	ng	# 16
66) 4-Bromophenyl-phenylether	16.14	248	12588	5.056	ng	# 1
76) Benzidine	20.00	184	21814	3.315	ng	# 89

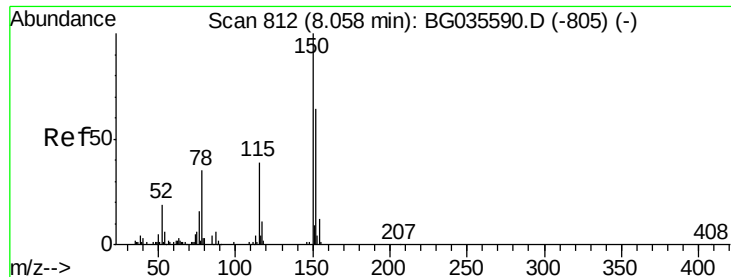
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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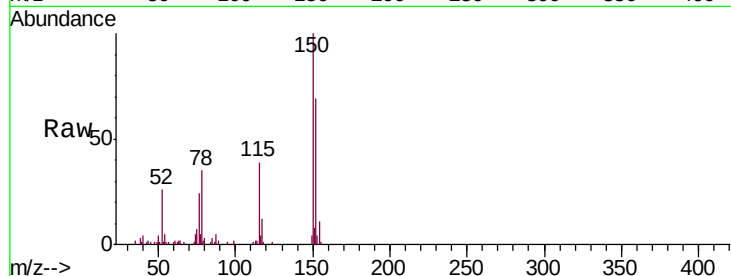


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 805
Delta R.T. -0.00 min
Lab File: BG036078.D
Acq: 3 Aug 2018 3:56

Instrument :
BNA_G
ClientSampleId :
KG-PIT-2

Tgt Ion	Ratio	Lower	Upper
152	100		
150	146.0	126.6	189.8
115	56.5	53.0	79.4

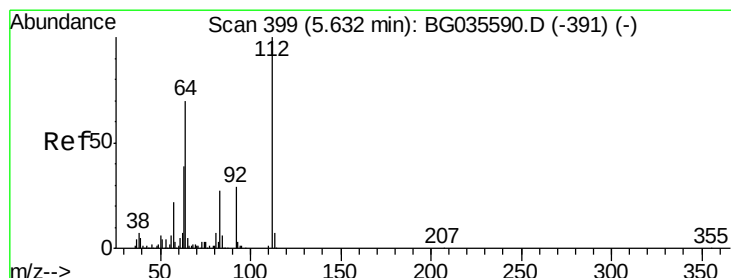
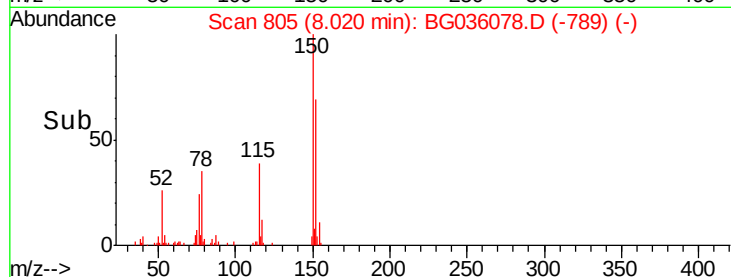
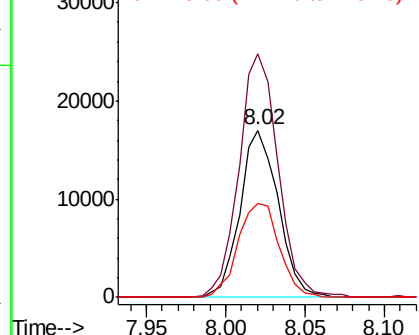


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

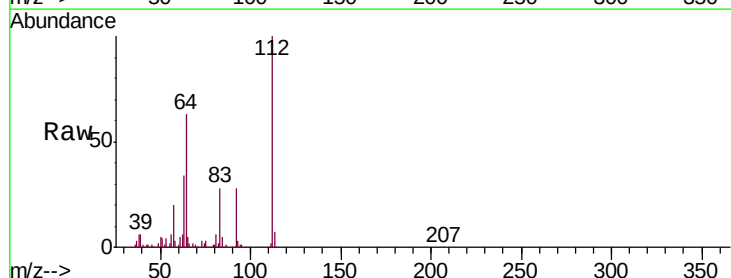
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 140.345 ng
RT: 5.61 min Scan# 394
Delta R.T. 0.00 min
Lab File: BG036078.D
Acq: 3 Aug 2018 3:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.9	56.3	84.5
63	34.1	30.1	45.1

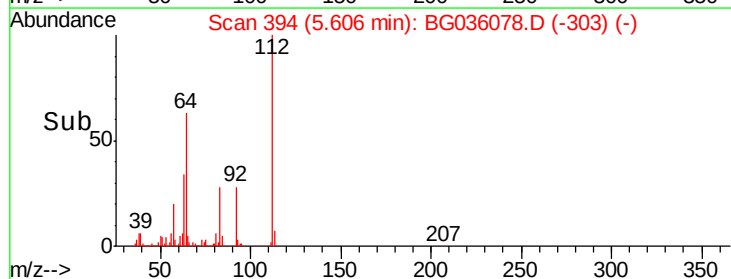
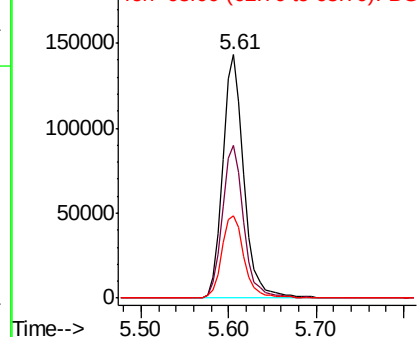


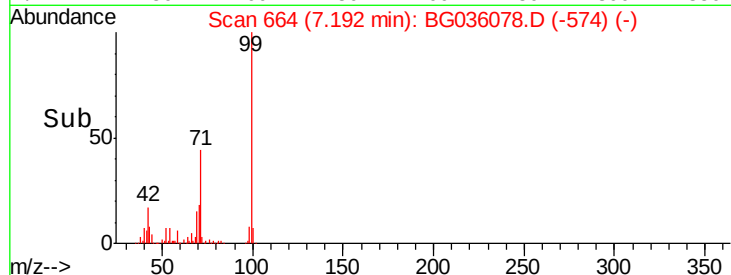
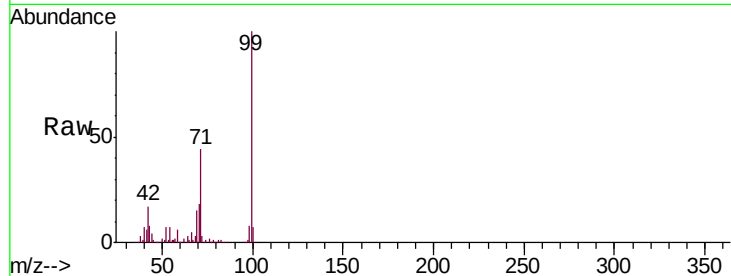
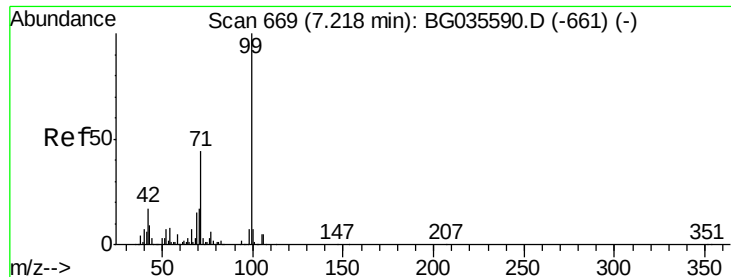
Abundance

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: 121.555 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.00 min

Lab File: BG036078.D

Acq: 3 Aug 2018 3:56

Instrument :

BNA_G

ClientSampleId :

KG-PIT-2

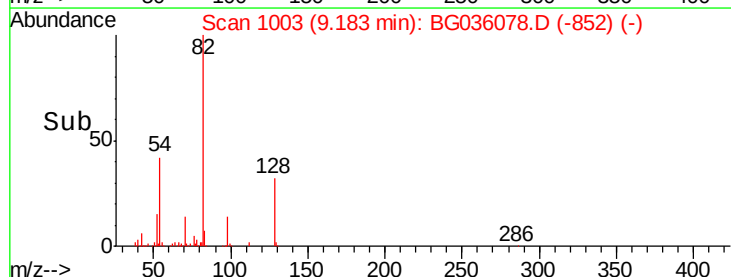
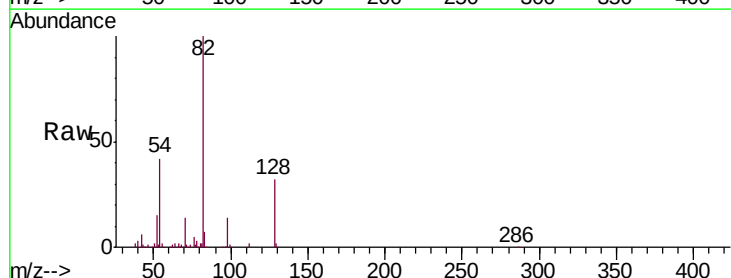
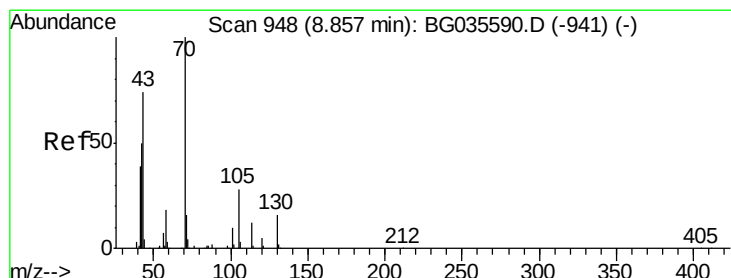
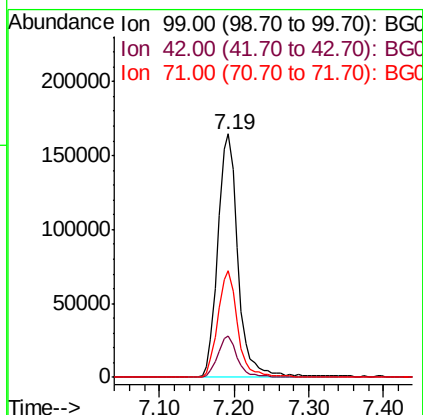
Tgt Ion: 99 Resp: 310265

Ion Ratio Lower Upper

99 100

42 16.7 14.1 21.1

71 43.7 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 16.182 ng

RT: 9.18 min Scan# 1003

Delta R.T. 0.35 min

Lab File: BG036078.D

Acq: 3 Aug 2018 3:56

Tgt Ion: 70 Resp: 34781

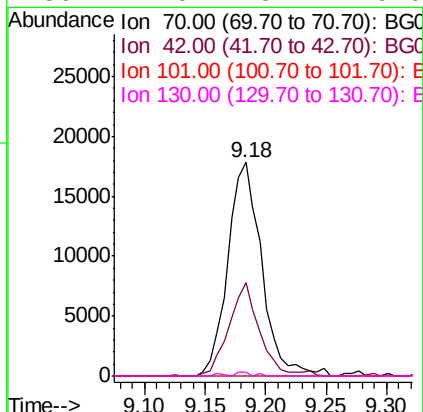
Ion Ratio Lower Upper

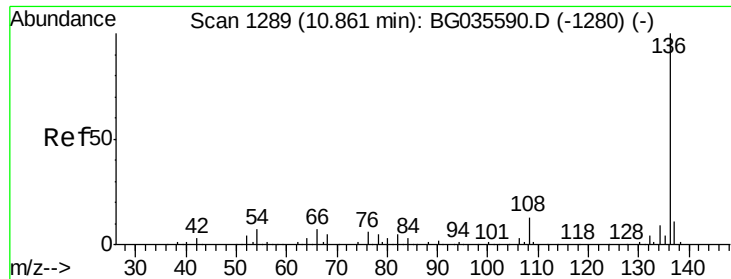
70 100

42 43.5 49.1 73.7#

101 0.0 8.5 12.7#

130 2.0 13.4 20.0#

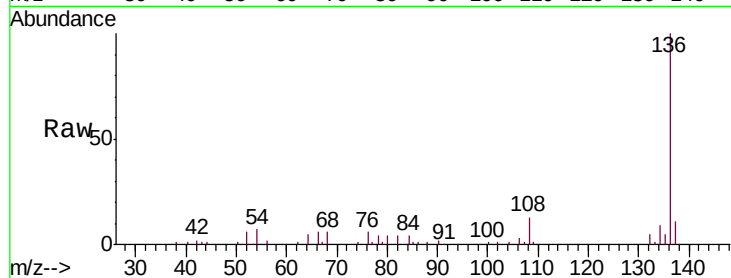




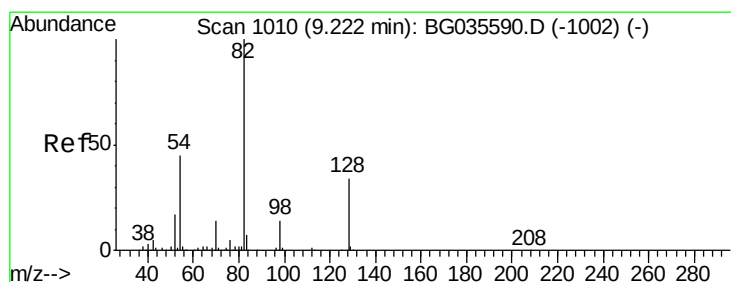
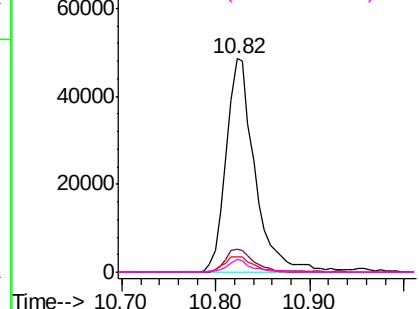
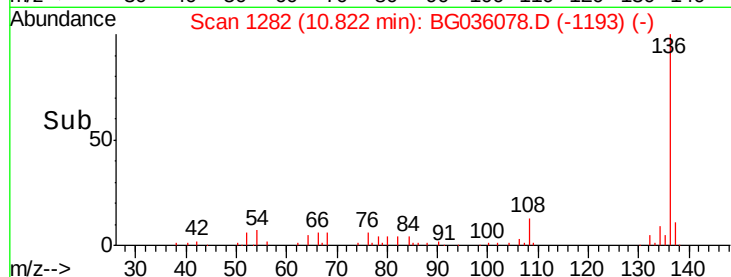
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BG036078.D
Acq: 3 Aug 2018 3:56

Instrument :
BNA_G
ClientSampleId :
KG-PIT-2

Tgt Ion:	136	Resp:	104025
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	7.2	10.3	15.5#
68	5.9	4.5	6.7

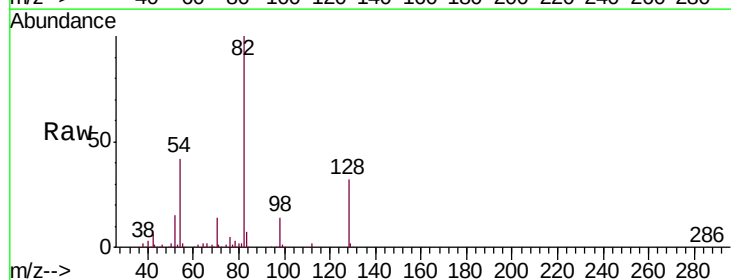


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

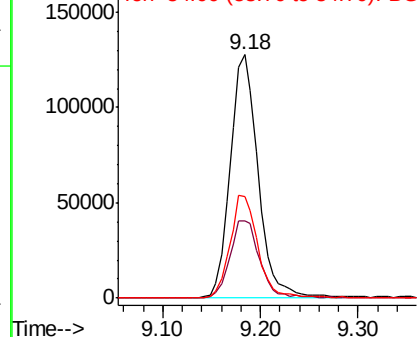
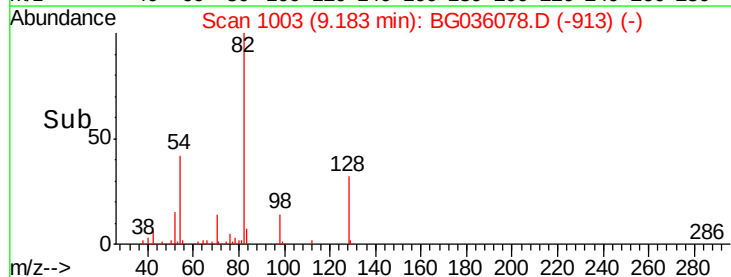


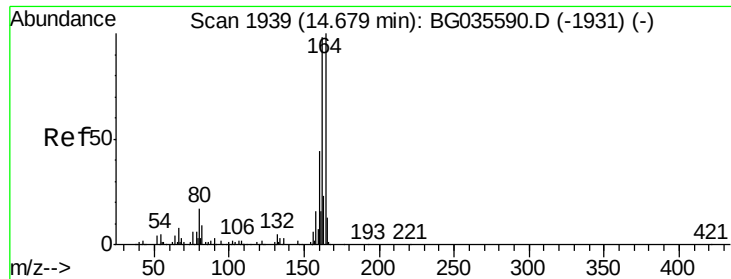
#23
Nitrobenzene-d5
Concen: 102.044 ng
RT: 9.18 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BG036078.D
Acq: 3 Aug 2018 3:56

Tgt Ion:	82	Resp:	254103
Ion	Ratio	Lower	Upper
82	100		
128	31.6	29.7	44.5
54	41.7	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# 1933

Delta R.T. -0.00 min

Lab File: BG036078.D

Acq: 3 Aug 2018 3:56

Instrument :

BNA_G

ClientSampleId :

KG-PIT-2

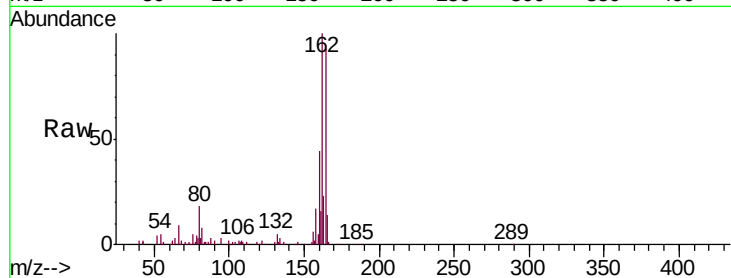
Tgt Ion:164 Resp: 72853

Ion Ratio Lower Upper

164 100

162 107.2 78.8 118.2

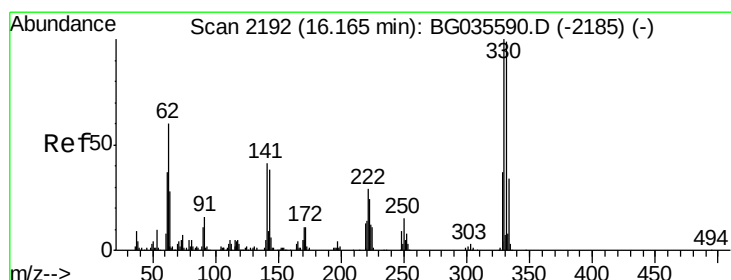
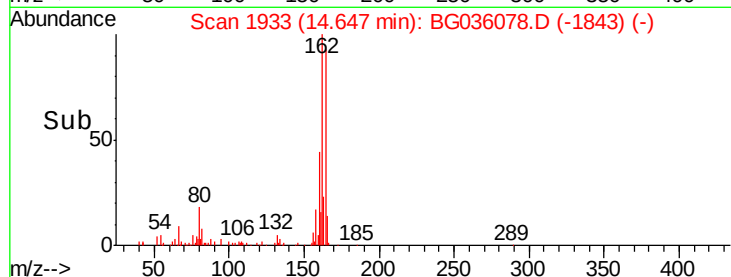
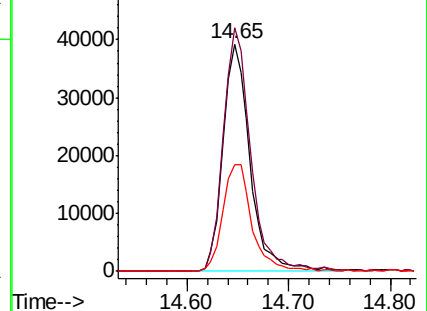
160 47.2 35.4 53.0



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: 154.976 ng

RT: 16.13 min Scan# 2186

Delta R.T. -0.01 min

Lab File: BG036078.D

Acq: 3 Aug 2018 3:56

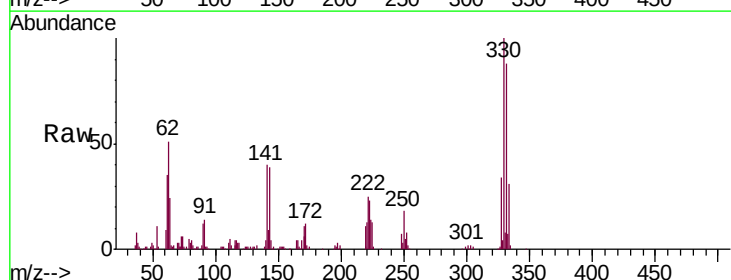
Tgt Ion:330 Resp: 148816

Ion Ratio Lower Upper

330 100

332 98.0 77.0 115.6

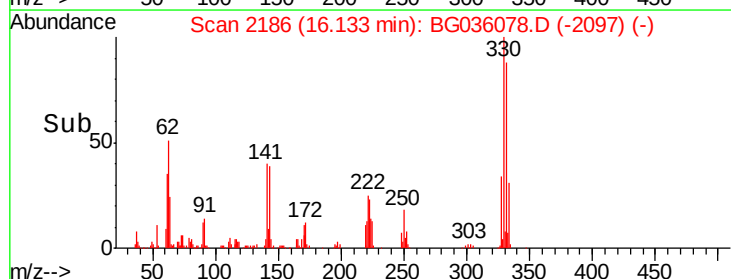
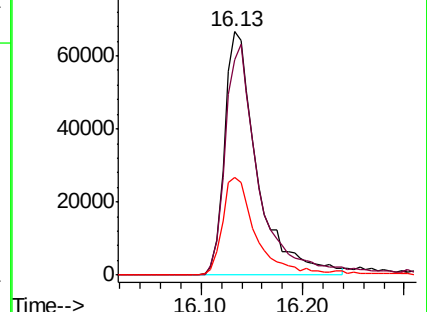
141 40.7 25.2 37.8#

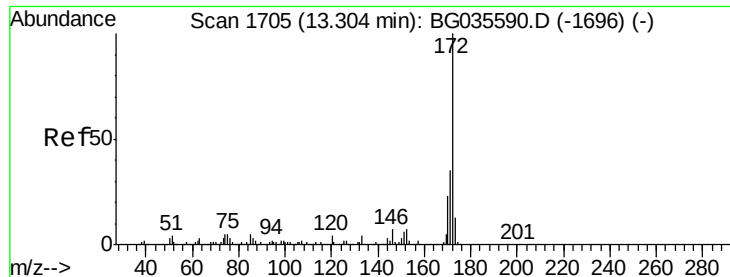


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

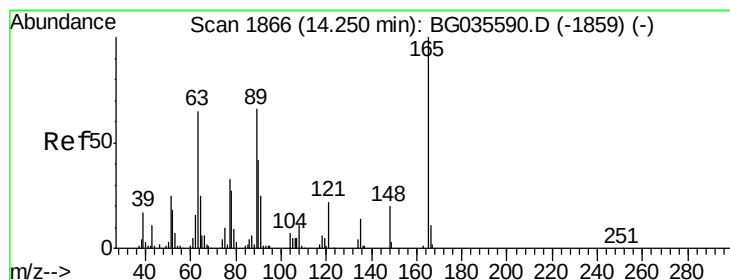
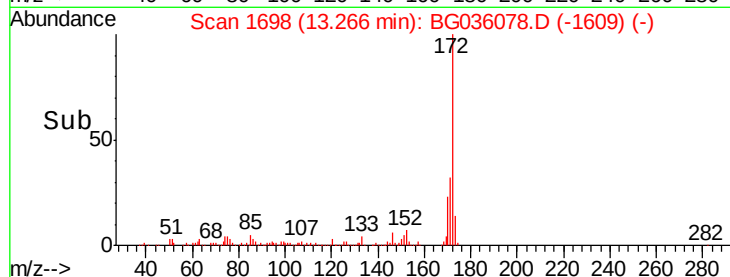
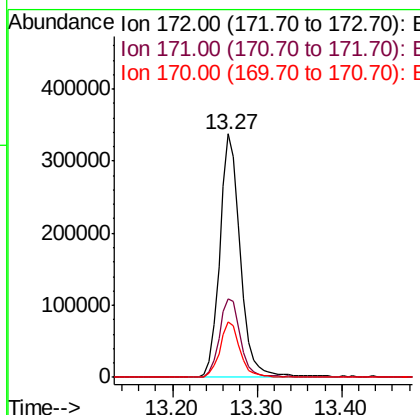
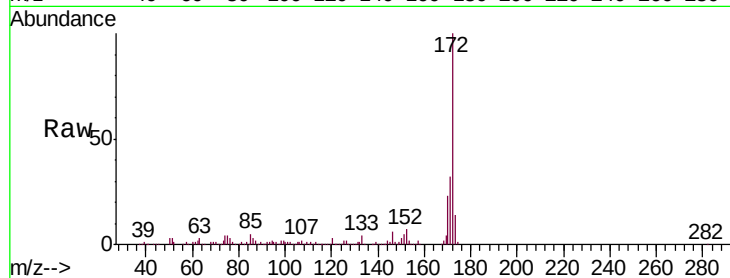




#44
 2-Fluorobiphenyl
 Concen: 105.396 ng
 RT: 13.27 min Scan# 1698
 Delta R.T. -0.01 min
 Lab File: BG036078.D
 Acq: 3 Aug 2018 3:56

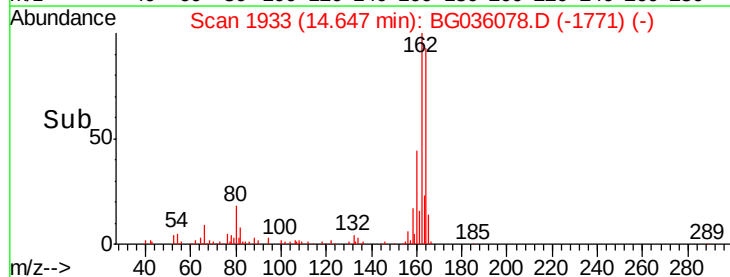
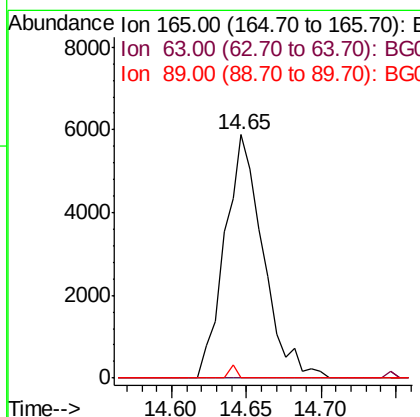
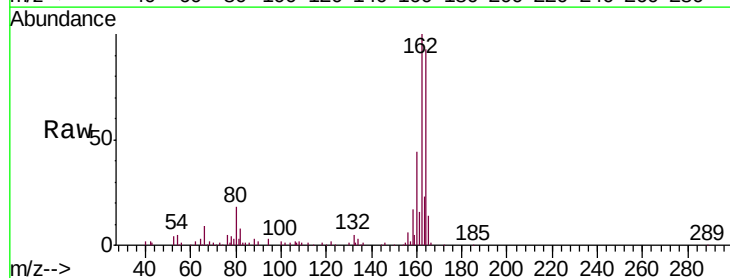
Instrument :
 BNA_G
 ClientSampleId :
 KG-PIT-2

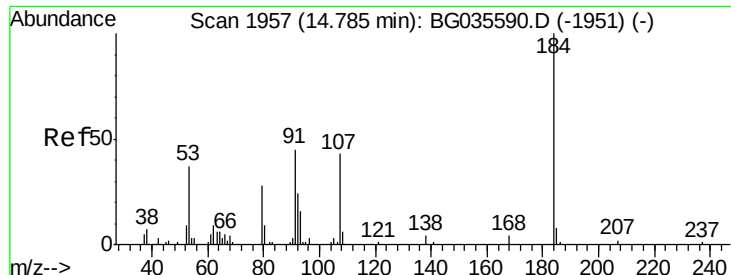
Tgt Ion:172 Resp: 573126
 Ion Ratio Lower Upper
 172 100
 171 32.5 30.0 45.0
 170 22.9 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 8.106 ng
 RT: 14.65 min Scan# 1933
 Delta R.T. 0.42 min
 Lab File: BG036078.D
 Acq: 3 Aug 2018 3:56

Tgt Ion:165 Resp: 10536
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#

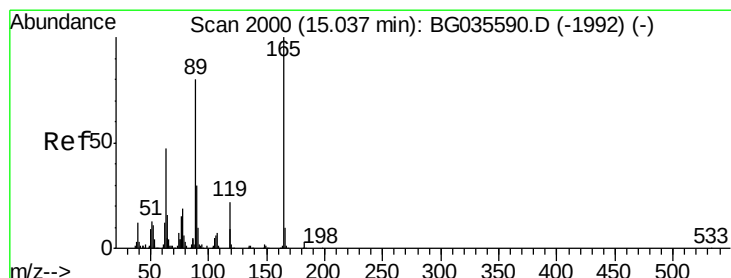
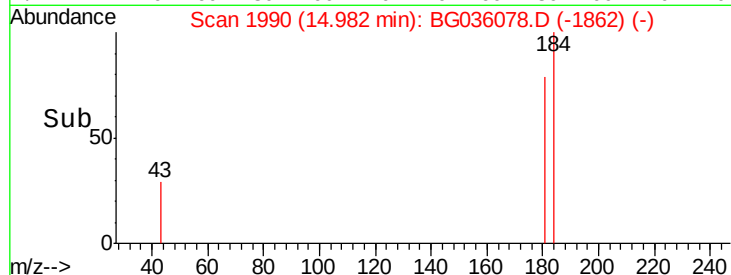
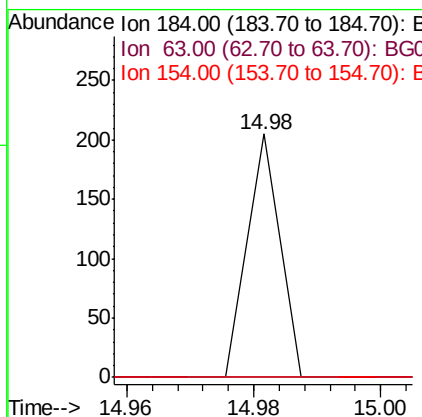
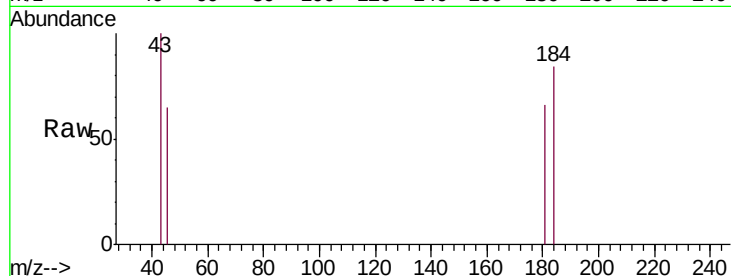




#53
 2,4-Dinitrophenol
 Concen: 6.681 ng
 RT: 14.98 min Scan# 1990
 Delta R.T. 0.22 min
 Lab File: BG036078.D
 Acq: 3 Aug 2018 3:56

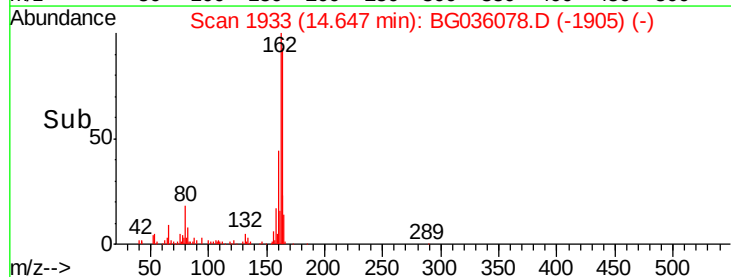
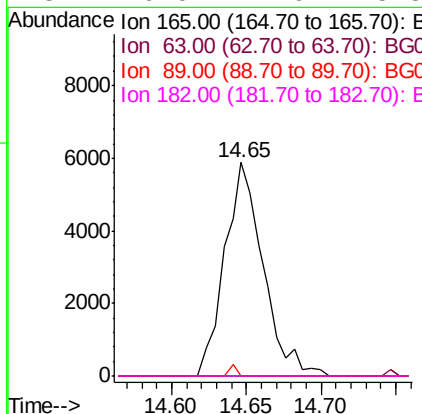
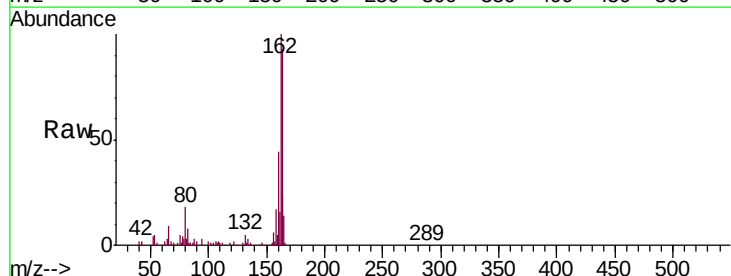
Instrument :
 BNA_G
 ClientSampleId :
 KG-PIT-2

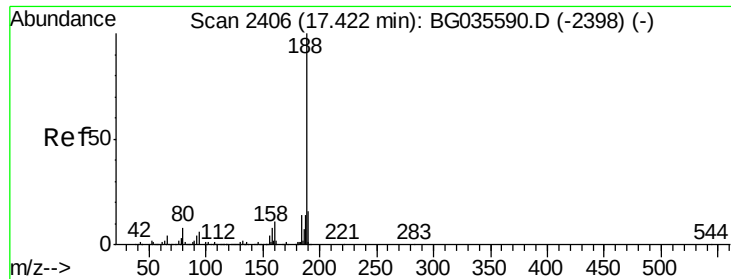
Tgt Ion:184 Resp: 72
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.8 89.8#
 154 0.0 101.8 152.8#



#56
 2,4-Dinitrotoluene
 Concen: 5.650 ng
 RT: 14.65 min Scan# 1933
 Delta R.T. -0.37 min
 Lab File: BG036078.D
 Acq: 3 Aug 2018 3:56

Tgt Ion:165 Resp: 10536
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 0.0 66.9 100.3#
 182 0.0 2.6 3.8#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2400

Delta R.T. -0.00 min

Lab File: BG036078.D

Acq: 3 Aug 2018 3:56

Instrument :

BNA_G

ClientSampleId :

KG-PIT-2

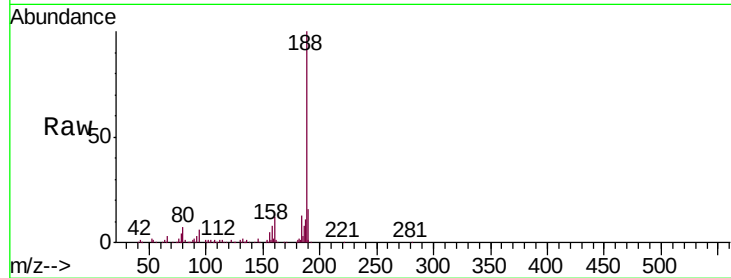
Tgt Ion:188 Resp: 214587

Ion Ratio Lower Upper

188 100

94 6.3 6.9 10.3#

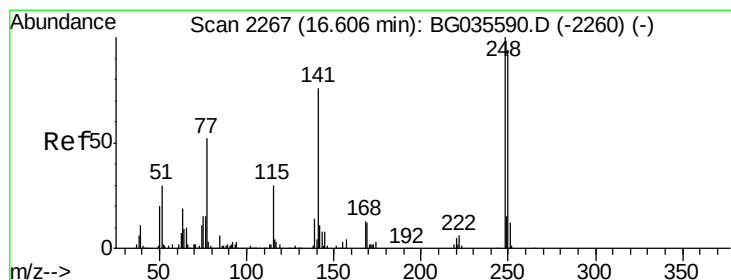
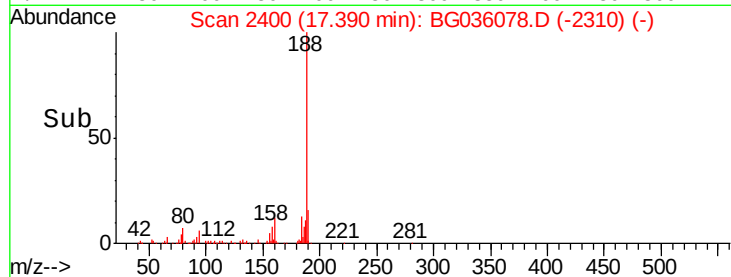
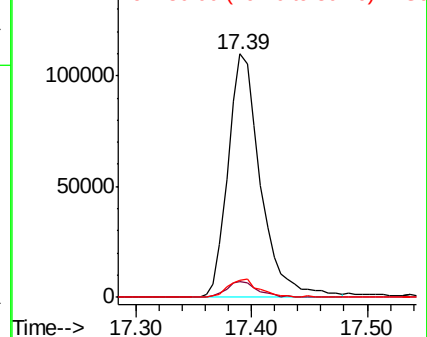
80 7.2 7.7 11.5#



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: 5.056 ng

RT: 16.14 min Scan# 2187

Delta R.T. -0.44 min

Lab File: BG036078.D

Acq: 3 Aug 2018 3:56

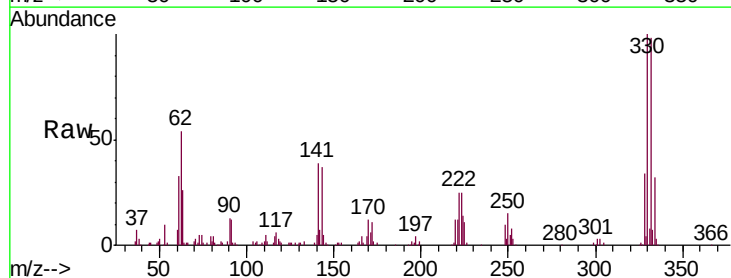
Tgt Ion:248 Resp: 12588

Ion Ratio Lower Upper

248 100

250 152.7 77.1 115.7#

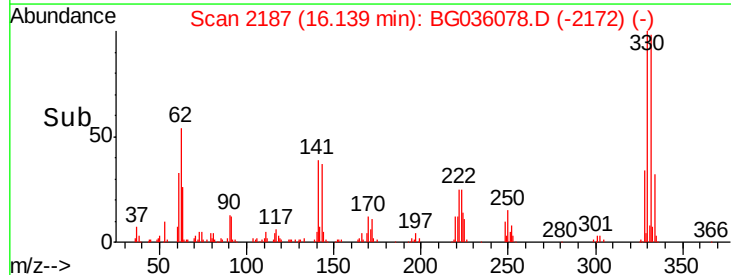
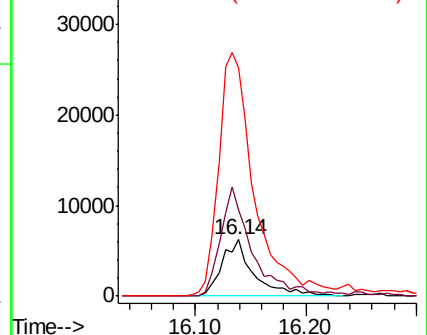
141 405.9 50.8 76.2#

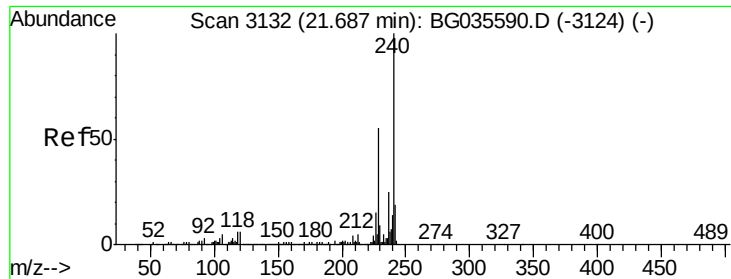


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

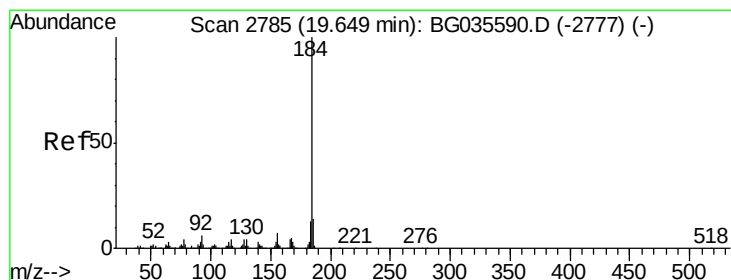
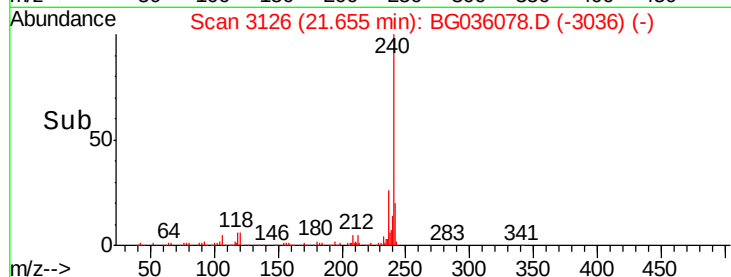
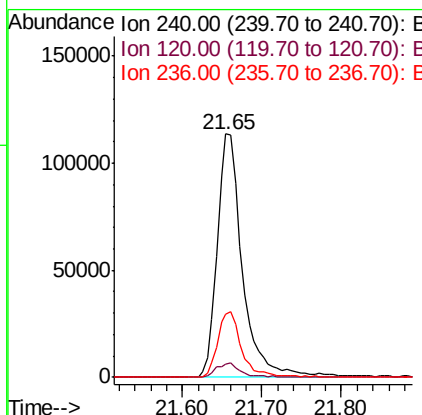
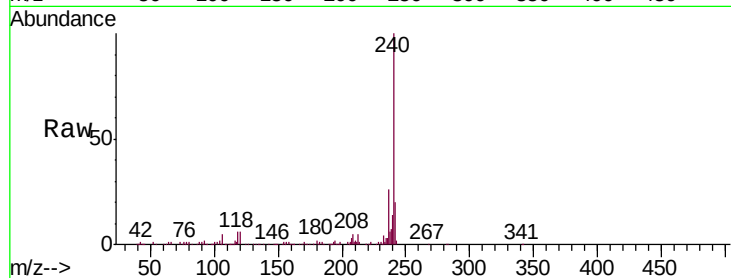




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.65 min Scan# 3126
 Delta R.T. -0.00 min
 Lab File: BG036078.D
 Acq: 3 Aug 2018 3:56

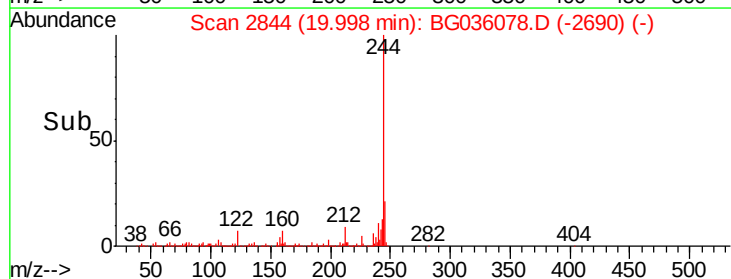
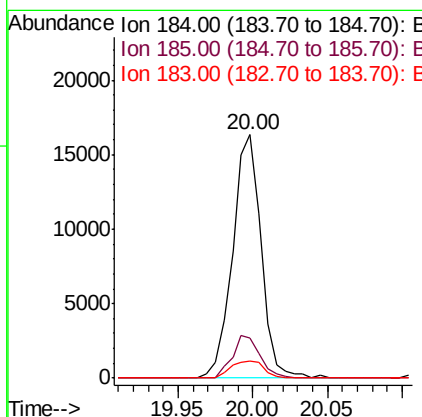
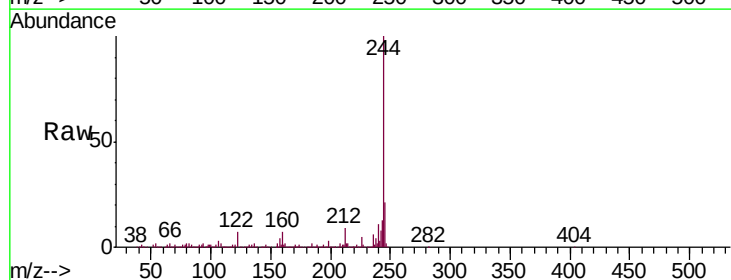
Instrument :
 BNA_G
 ClientSampleId :
 KG-PIT-2

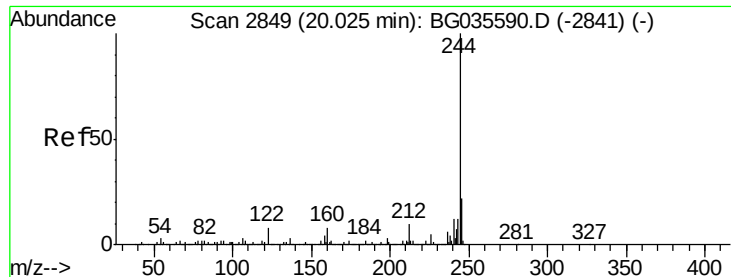
Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.5	6.8	10.2#
236	25.9	20.9	31.3



#76
 Benzidine
 Concen: 3.315 ng
 RT: 20.00 min Scan# 2844
 Delta R.T. 0.37 min
 Lab File: BG036078.D
 Acq: 3 Aug 2018 3:56

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.4	11.1	16.7
183	7.2	10.6	16.0#





#78

Terphenyl-d14

Concen: 112.267 ng

RT: 20.00 min Scan# 2844

Delta R.T. -0.00 min

Lab File: BG036078.D

Acq: 3 Aug 2018 3:56

Instrument :

BNA_G

ClientSampleId :

KG-PIT-2

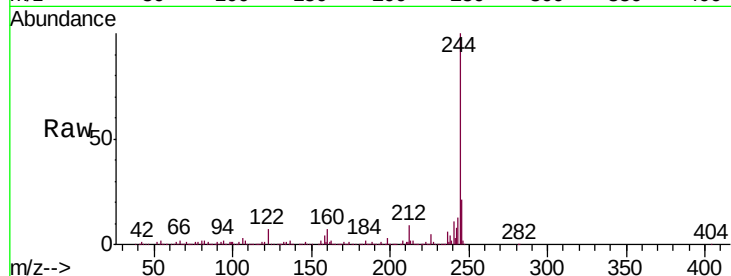
Tgt Ion:244 Resp: 1274624

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

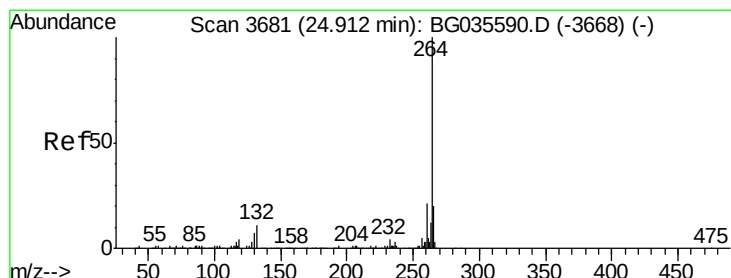
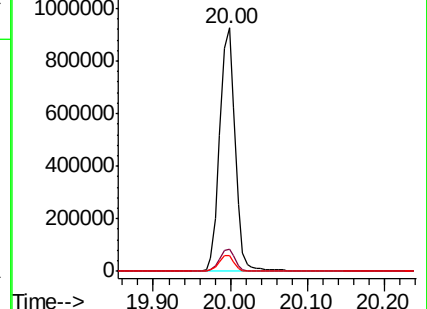
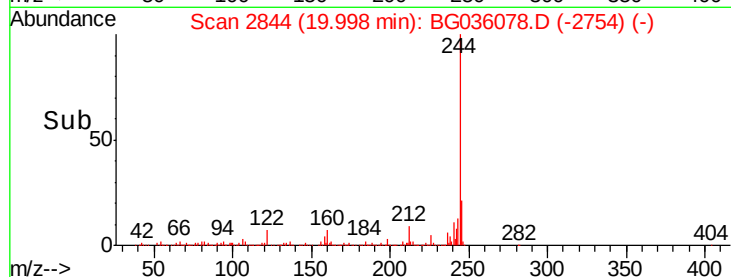
122 6.6 7.0 10.4#



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: 24.86 min Scan# 3671

Delta R.T. -0.00 min

Lab File: BG036078.D

Acq: 3 Aug 2018 3:56

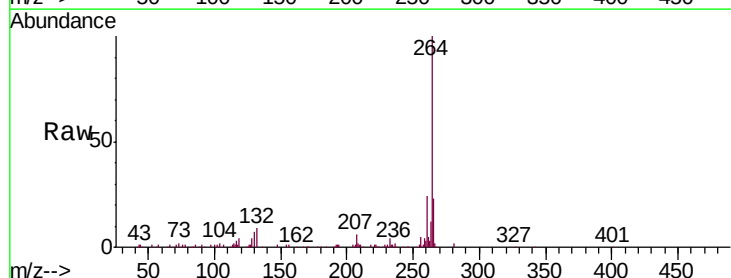
Tgt Ion:264 Resp: 213517

Ion Ratio Lower Upper

264 100

260 23.9 17.4 26.0

265 23.2 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

