

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080218\
 Data File : BG036079.D
 Acq On : 3 Aug 2018 4:35
 Operator : JU/SJ
 Sample : J4285-12
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 KG-PIT-3

Quant Time: Aug 03 07:10:23 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

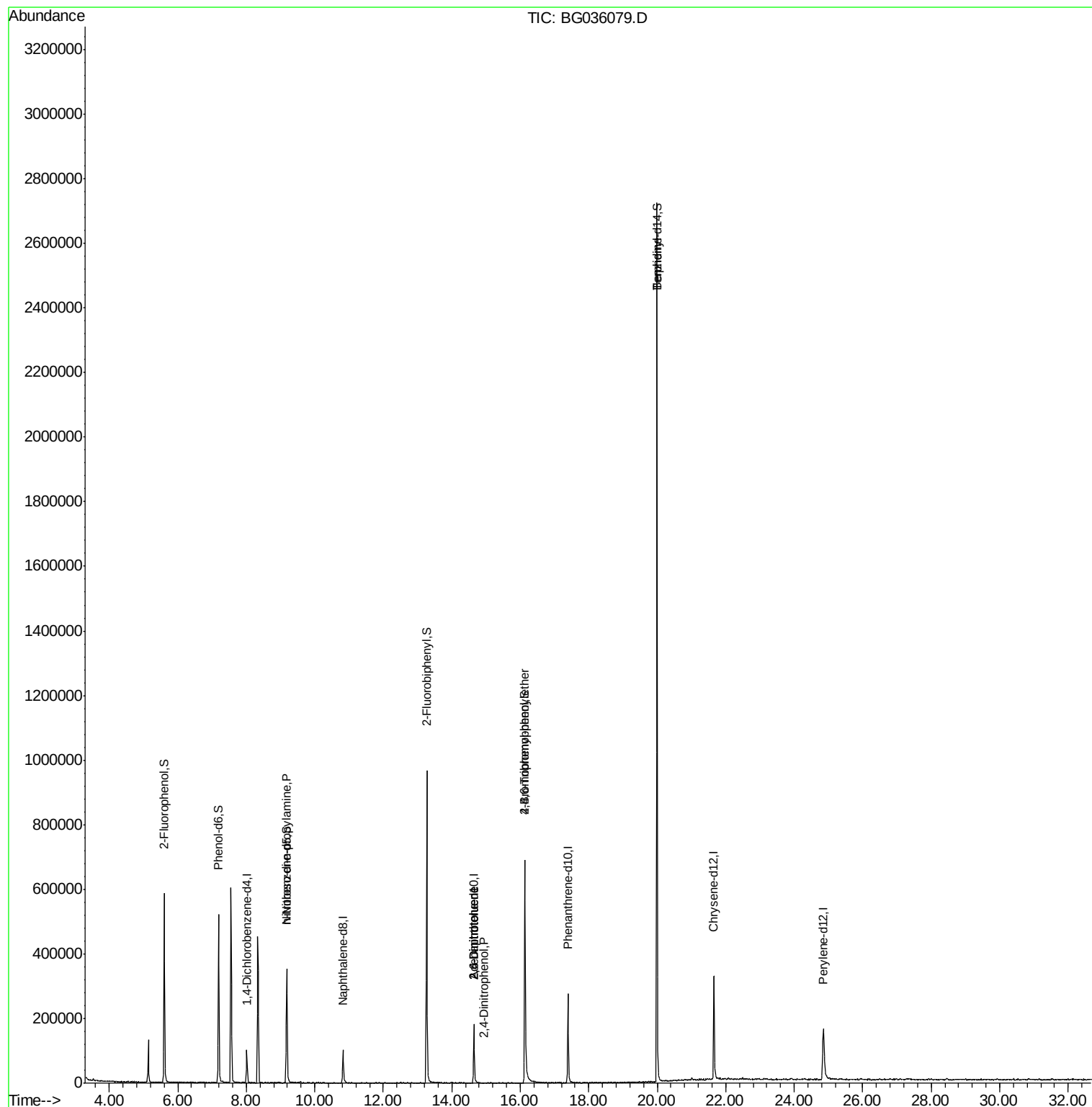
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	29292	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	98625	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	72858	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	215021	20.00	ng	0.00
75) Chrysene-d12	21.66	240	242879	20.00	ng	0.00
86) Perylene-d12	24.85	264	229184	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	255724	144.94	ng	0.00
7) Phenol-d6	7.19	99	324545	123.29	ng	0.00
23) Nitrobenzene-d5	9.18	82	260203	110.21	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	164138	170.92	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	569839	104.78	ng	0.00
78) Terphenyl-d14	20.00	244	1267269	115.01	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.18	70	36617	16.519	ng	# 71
50) 2,6-Dinitrotoluene	14.65	165	9791	7.532	ng	# 21
53) 2,4-Dinitrophenol	14.94	184	55	6.658	ng	# 1
56) 2,4-Dinitrotoluene	14.65	165	9791	5.250	ng	# 19
66) 4-Bromophenyl-phenylether	16.14	248	12717	5.098	ng	# 1
76) Benzidine	20.00	184	23270	3.644	ng	# 92

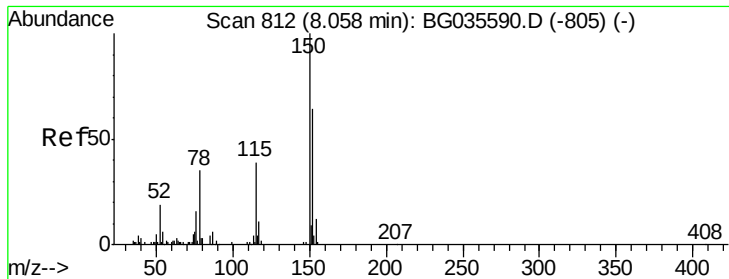
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



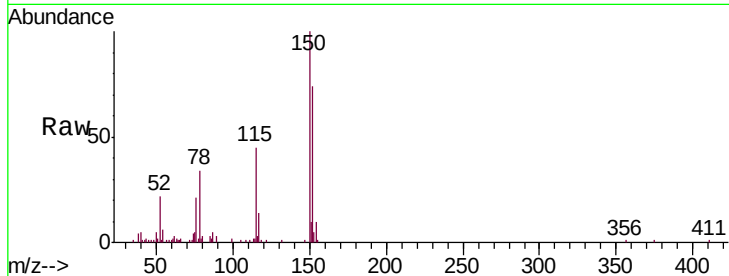


#1

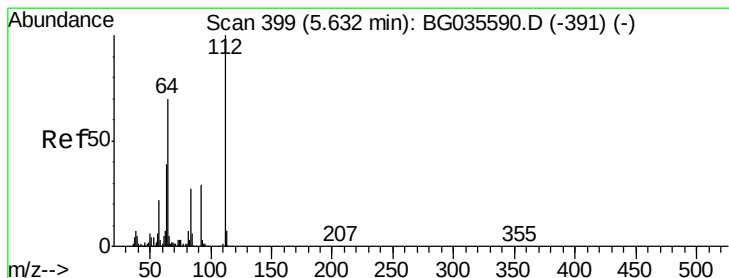
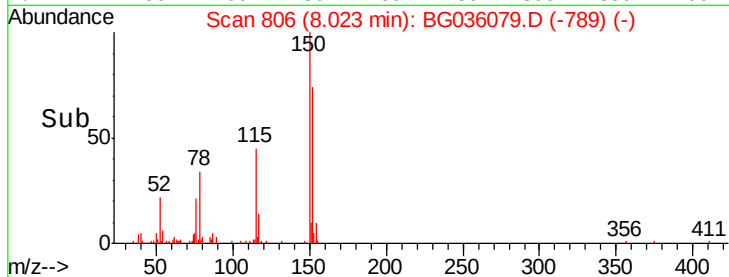
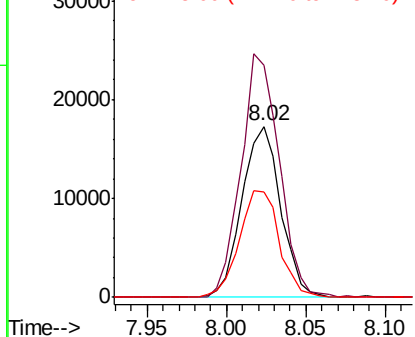
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG036079.D
Acq: 3 Aug 2018 4:35

Instrument :
BNA_G
ClientSampleId :
KG-PIT-3

Tgt Ion:152 Resp: 29292
Ion Ratio Lower Upper
152 100
150 136.0 126.6 189.8
115 61.7 53.0 79.4



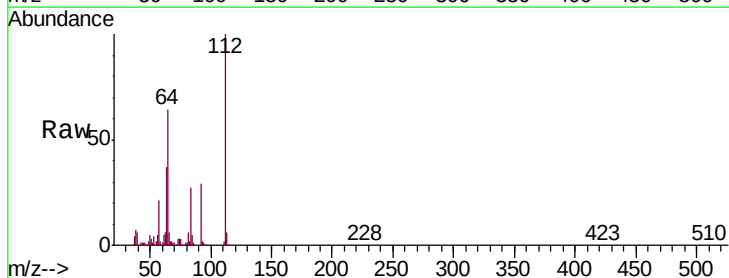
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



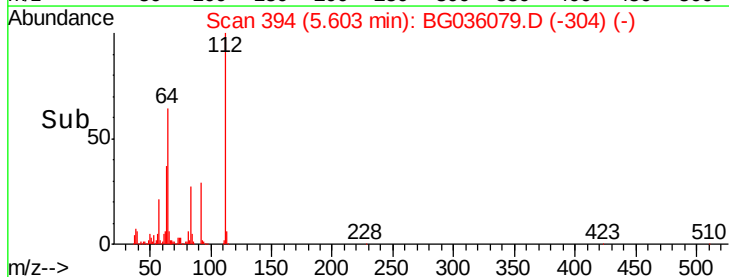
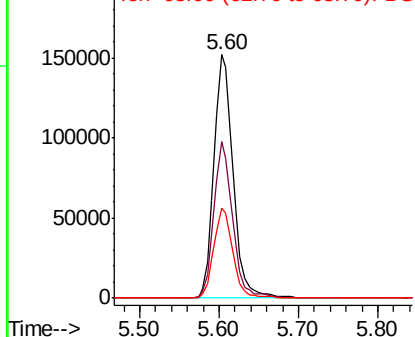
#5

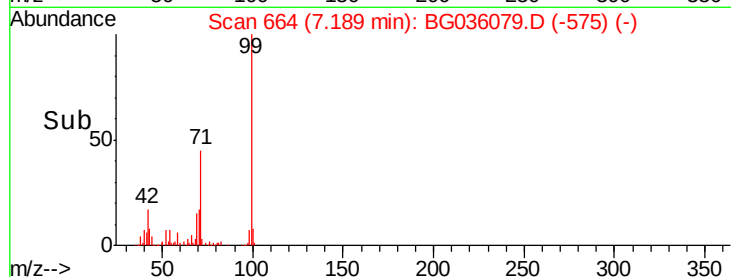
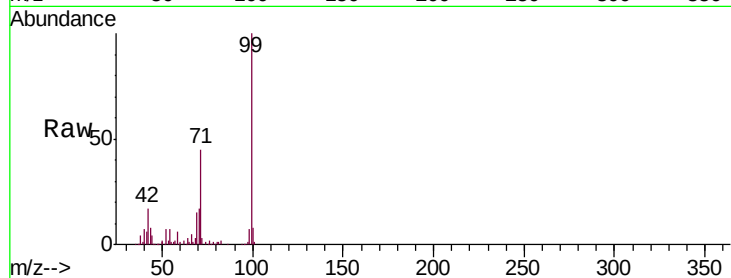
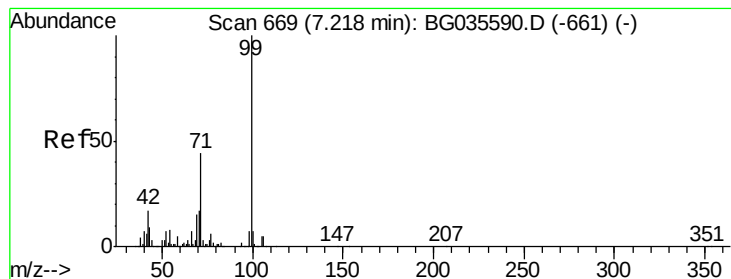
2-Fluorophenol
Concen: 144.941 ng
RT: 5.60 min Scan# 394
Delta R.T. -0.00 min
Lab File: BG036079.D
Acq: 3 Aug 2018 4:35

Tgt Ion:112 Resp: 255724
Ion Ratio Lower Upper
112 100
64 64.4 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: 123.291 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG036079.D

Acq: 3 Aug 2018 4:35

Instrument :

BNA_G

ClientSampleId :

KG-PIT-3

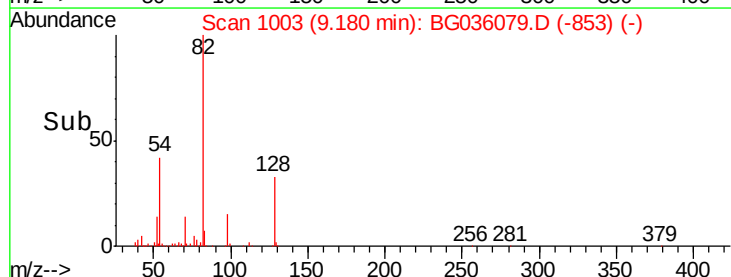
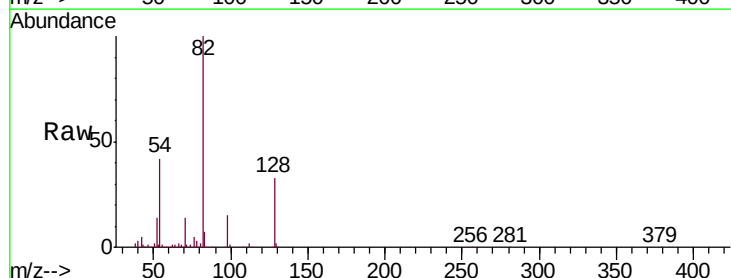
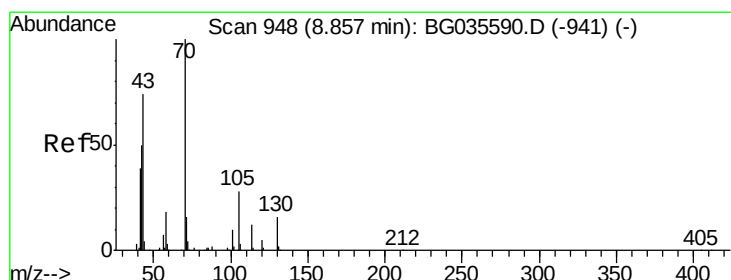
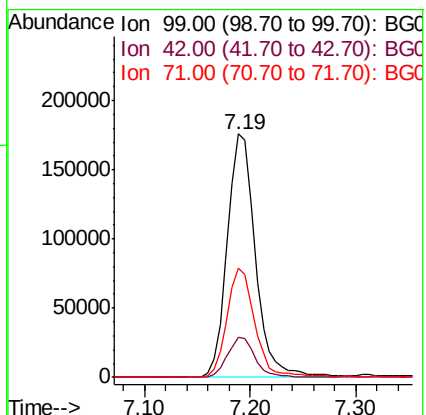
Tgt Ion: 99 Resp: 324545

Ion Ratio Lower Upper

99 100

42 16.5 14.1 21.1

71 45.0 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 16.519 ng

RT: 9.18 min Scan# 1003

Delta R.T. 0.35 min

Lab File: BG036079.D

Acq: 3 Aug 2018 4:35

Tgt Ion: 70 Resp: 36617

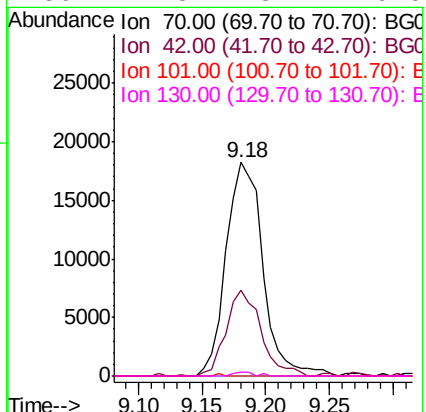
Ion Ratio Lower Upper

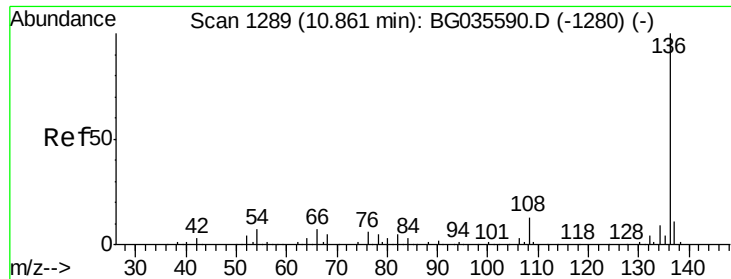
70 100

42 39.9 49.1 73.7#

101 0.0 8.5 12.7#

130 1.8 13.4 20.0#

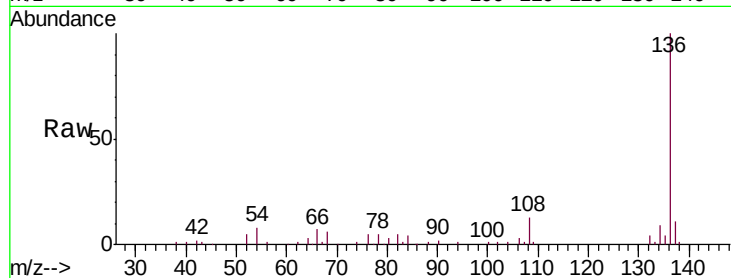




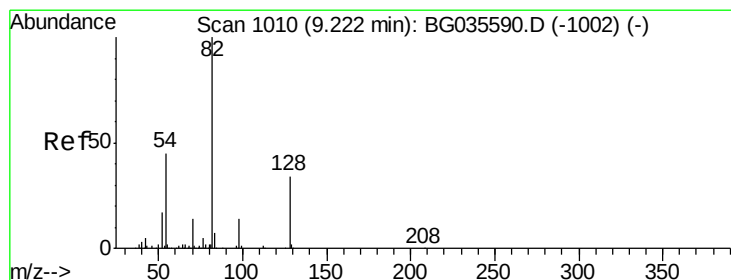
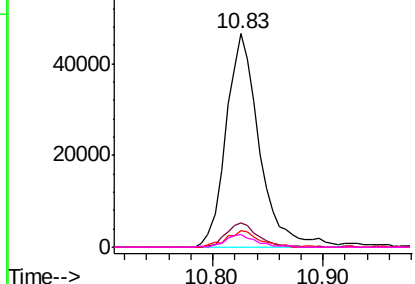
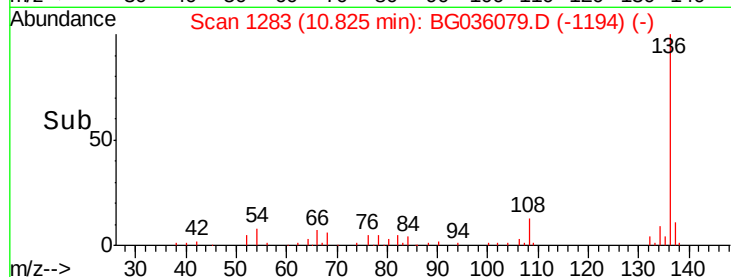
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG036079.D
Acq: 3 Aug 2018 4:35

Instrument :
BNA_G
ClientSampleId :
KG-PIT-3

Tgt Ion:	136	Resp:	98625
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.2	13.8
54	7.9	10.3	15.5#
68	5.9	4.5	6.7

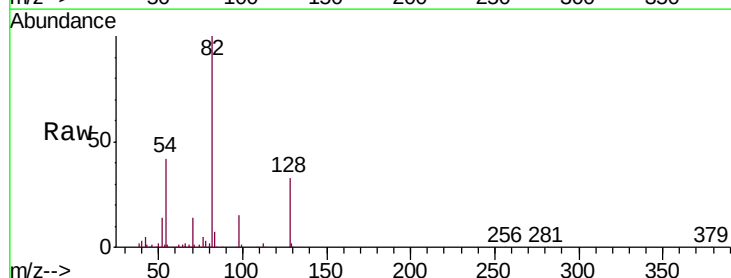


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

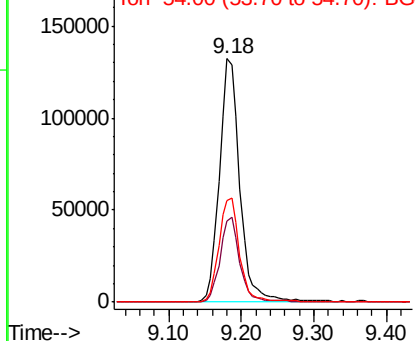
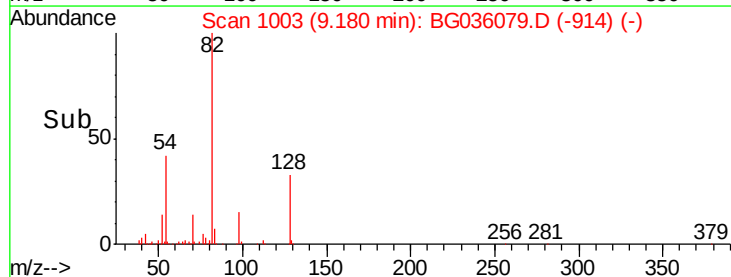


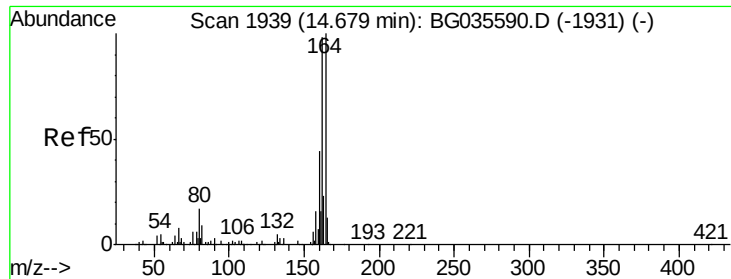
#23
Nitrobenzene-d5
Concen: 110.215 ng
RT: 9.18 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG036079.D
Acq: 3 Aug 2018 4:35

Tgt Ion:	82	Resp:	260203
Ion Ratio	Lower	Upper	
82	100		
128	33.5	29.7	44.5
54	41.7	43.1	64.7#



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.64 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BG036079.D

Acq: 3 Aug 2018 4:35

Instrument :

BNA_G

ClientSampleId :

KG-PIT-3

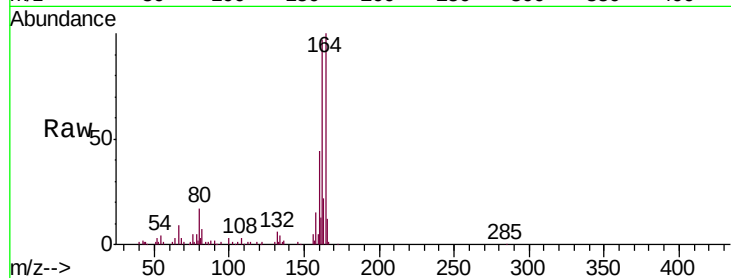
Tgt Ion:164 Resp: 72858

Ion Ratio Lower Upper

164 100

162 96.7 78.8 118.2

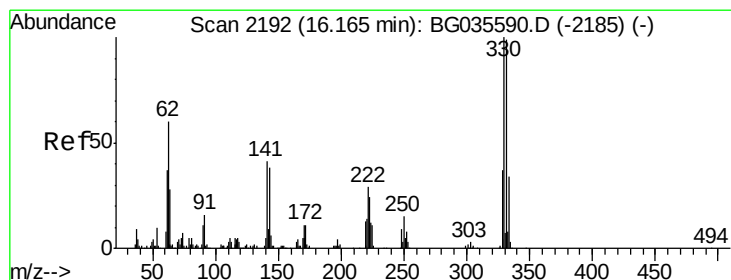
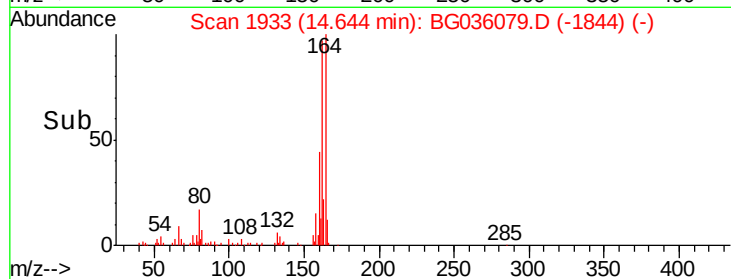
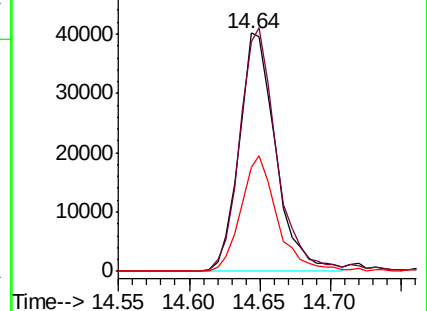
160 43.7 35.4 53.0



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: 170.921 ng

RT: 16.14 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BG036079.D

Acq: 3 Aug 2018 4:35

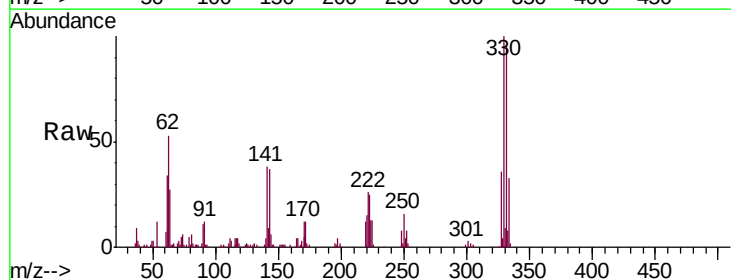
Tgt Ion:330 Resp: 164138

Ion Ratio Lower Upper

330 100

332 96.9 77.0 115.6

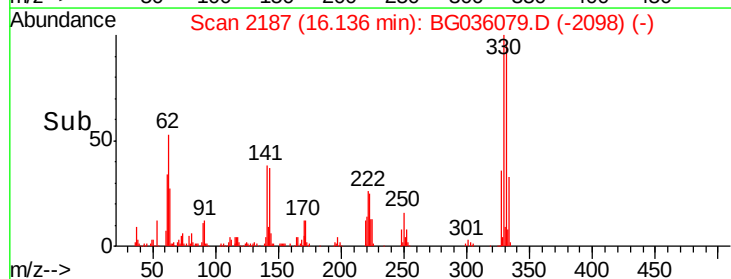
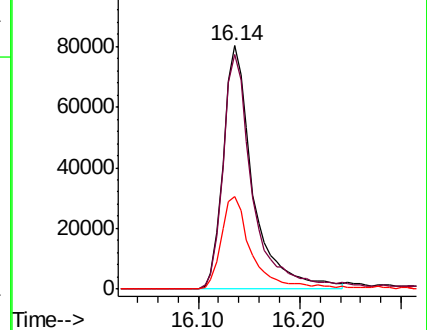
141 39.1 25.2 37.8#

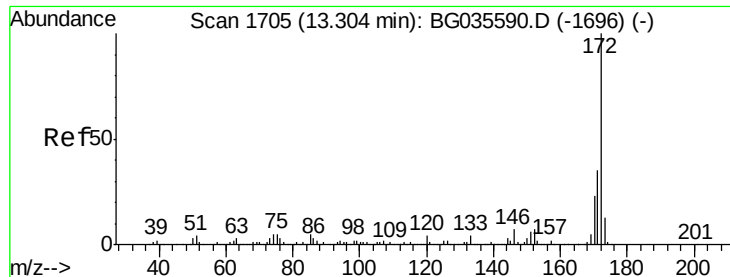


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

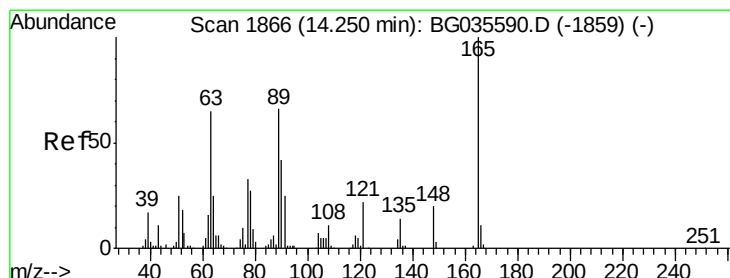
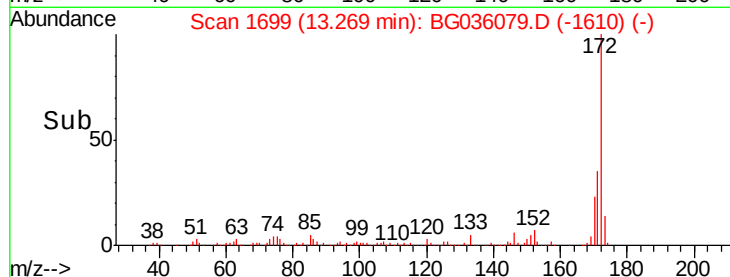
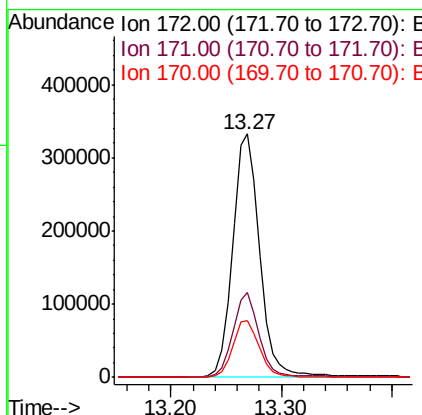
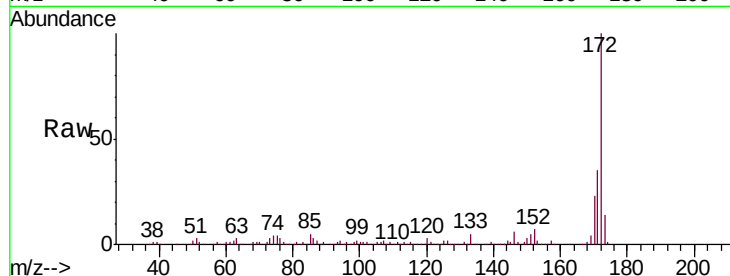




#44
 2-Fluorobiphenyl
 Concen: 104.784 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG036079.D
 Acq: 3 Aug 2018 4:35

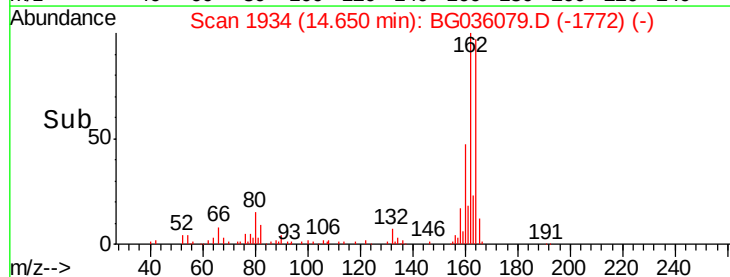
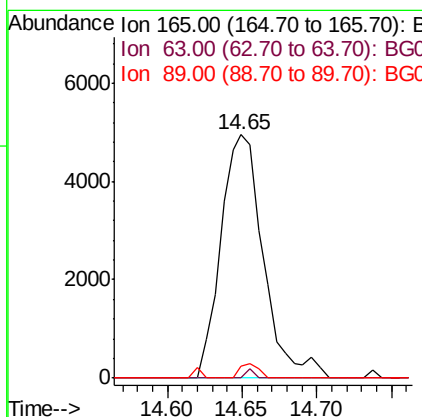
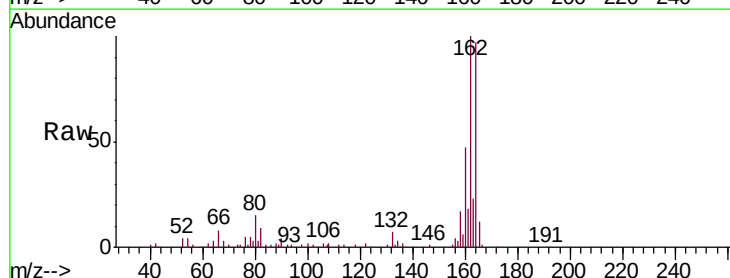
Instrument :
 BNA_G
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 KG-PIT-3

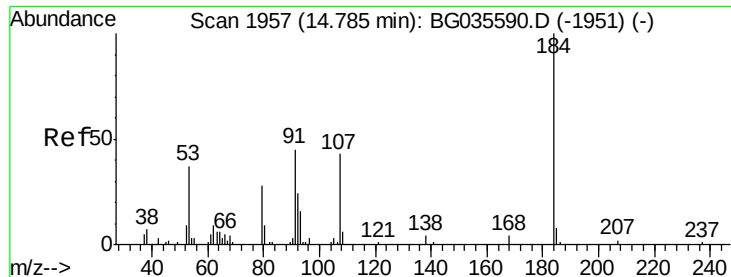
Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	30.0	45.0
170	23.3	19.5	29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.532 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. 0.42 min
 Lab File: BG036079.D
 Acq: 3 Aug 2018 4:35

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	4.8	49.2	73.8#

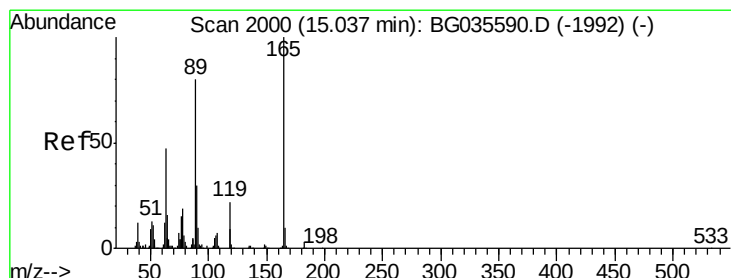
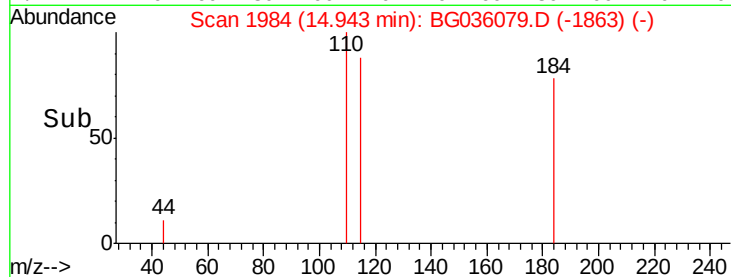
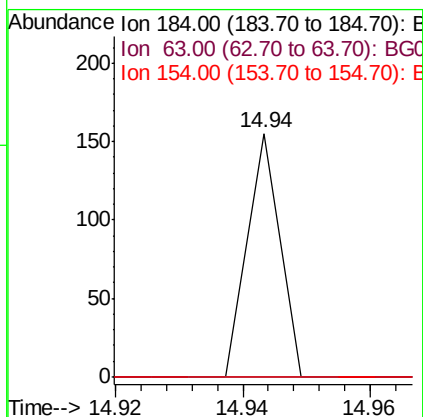
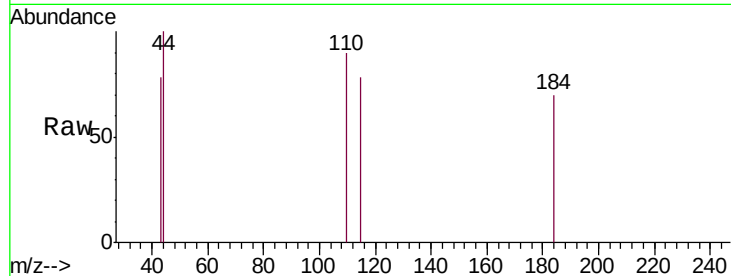




#53
 2,4-Dinitrophenol
 Concen: 6.658 ng
 RT: 14.94 min Scan# 1984
 Delta R.T. 0.18 min
 Lab File: BG036079.D
 Acq: 3 Aug 2018 4:35

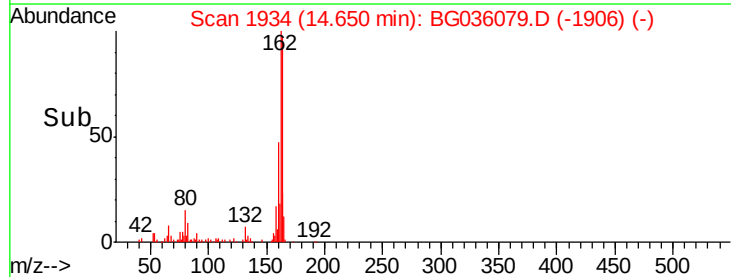
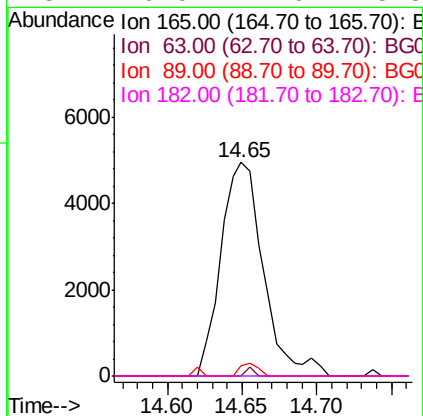
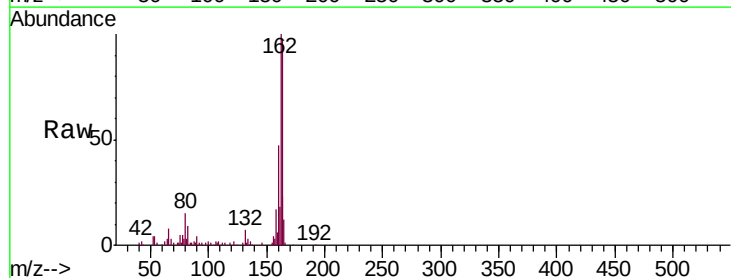
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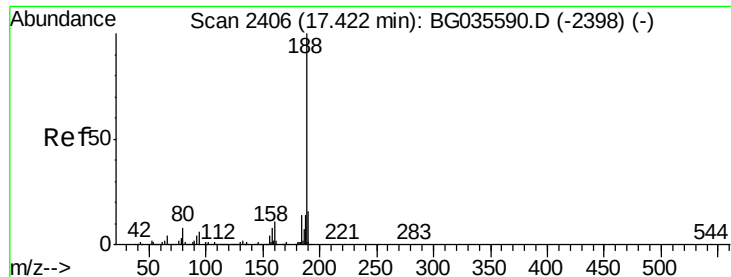
Tgt Ion:184 Resp: 55
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.8 89.8#
 154 0.0 101.8 152.8#



#56
 2,4-Dinitrotoluene
 Concen: 5.250 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.37 min
 Lab File: BG036079.D
 Acq: 3 Aug 2018 4:35

Tgt Ion:165 Resp: 9791
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 4.8 66.9 100.3#
 182 0.0 2.6 3.8#

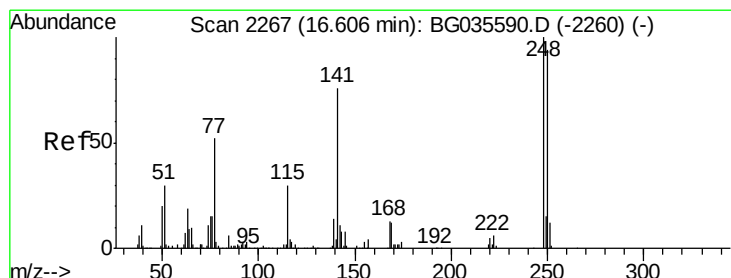
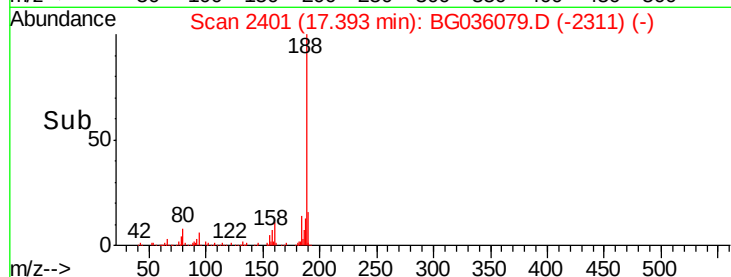
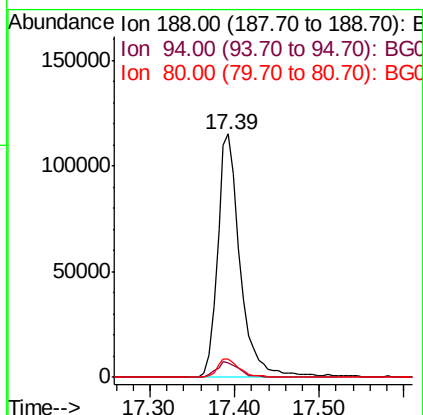
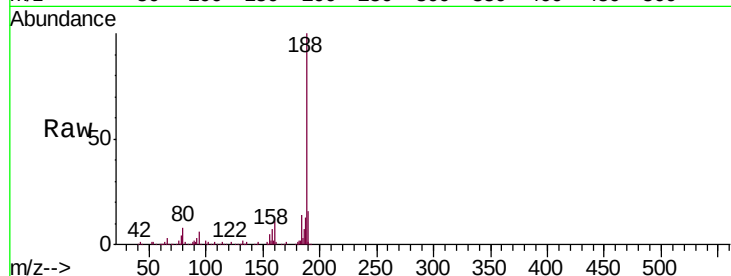




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.39 min Scan# 2401
 Delta R.T. -0.00 min
 Lab File: BG036079.D
 Acq: 3 Aug 2018 4:35

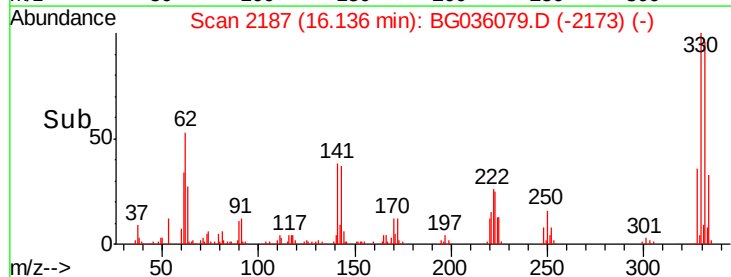
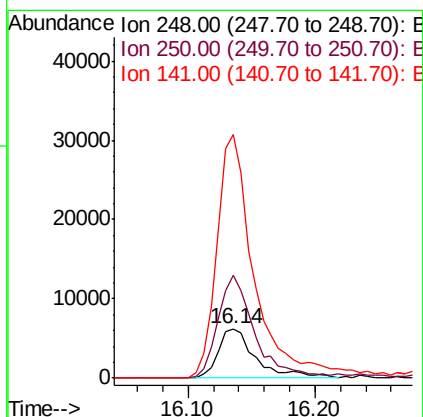
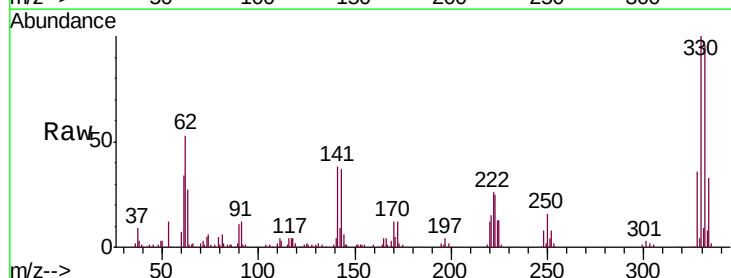
Instrument :
 BNA_G
 ClientSampleId :
 KG-PIT-3

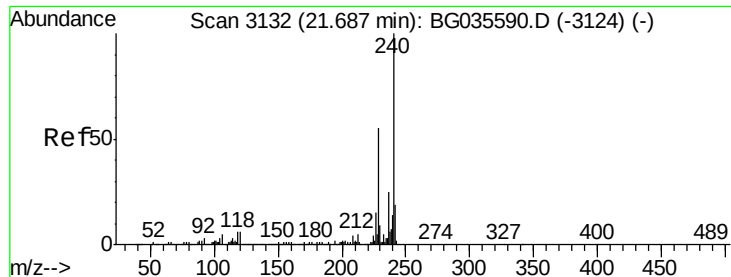
Tgt Ion:188 Resp: 215021
 Ion Ratio Lower Upper
 188 100
 94 6.1 6.9 10.3#
 80 7.6 7.7 11.5#



#66
 4-Bromophenyl-phenylether
 Concen: 5.098 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.45 min
 Lab File: BG036079.D
 Acq: 3 Aug 2018 4:35

Tgt Ion:248 Resp: 12717
 Ion Ratio Lower Upper
 248 100
 250 207.7 77.1 115.7#
 141 490.7 50.8 76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BG036079.D

Acq: 3 Aug 2018 4:35

Instrument :

BNA_G

ClientSampleId :

KG-PIT-3

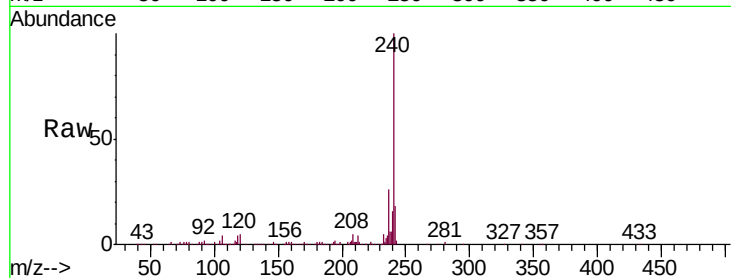
Tgt Ion:240 Resp: 242879

Ion Ratio Lower Upper

240 100

120 5.1 6.8 10.2#

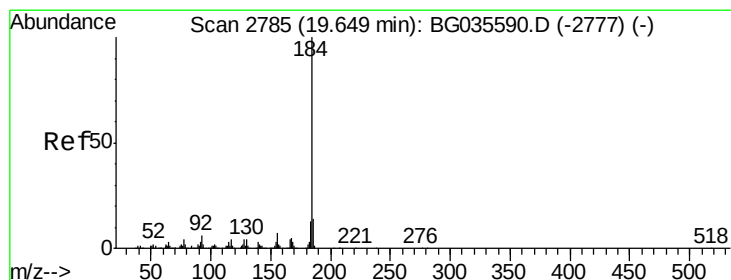
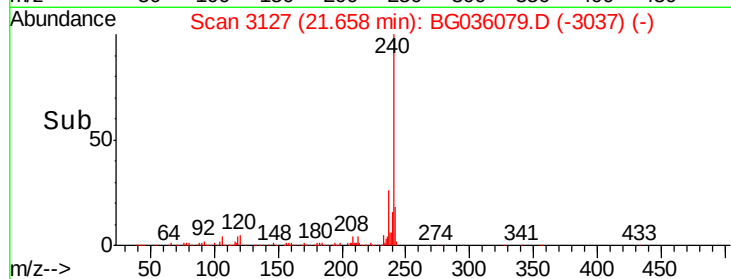
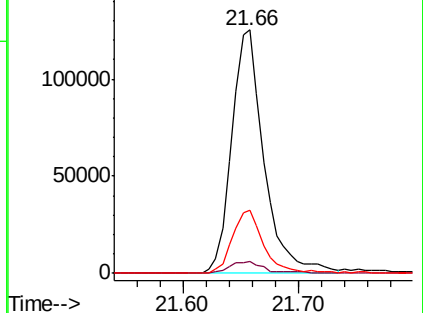
236 25.9 20.9 31.3



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: 3.644 ng

RT: 20.00 min Scan# 2844

Delta R.T. 0.37 min

Lab File: BG036079.D

Acq: 3 Aug 2018 4:35

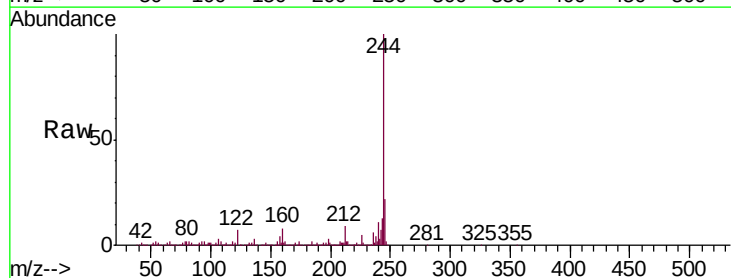
Tgt Ion:184 Resp: 23270

Ion Ratio Lower Upper

184 100

185 16.3 11.1 16.7

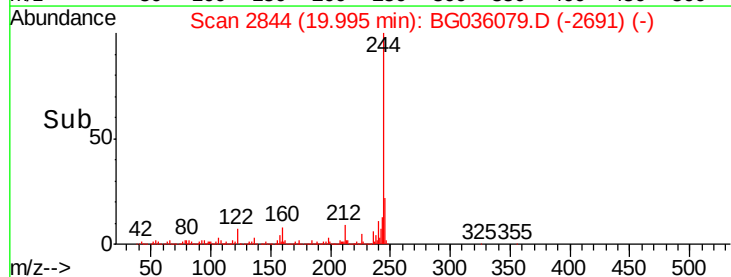
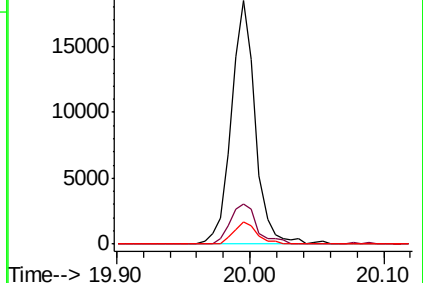
183 9.0 10.6 16.0#

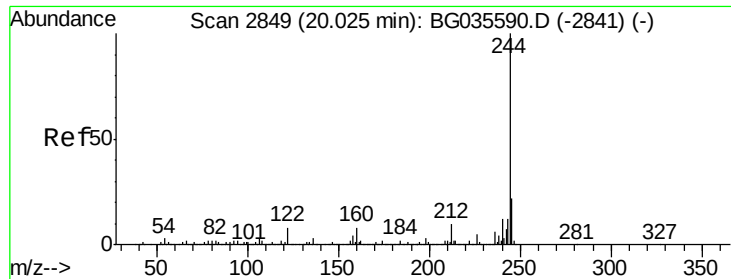


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 115.014 ng

RT: 20.00 min Scan# 2844

Delta R.T. -0.01 min

Lab File: BG036079.D

Acq: 3 Aug 2018 4:35

Instrument :

BNA_G

ClientSampleId :

KG-PIT-3

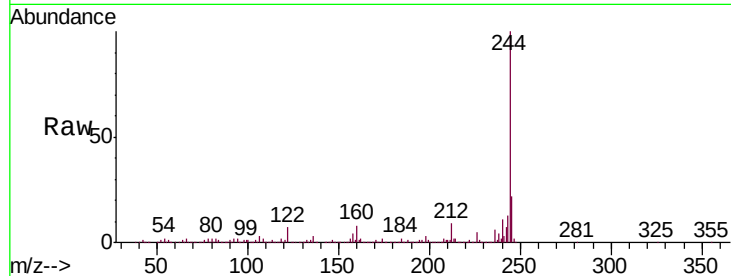
Tgt Ion:244 Resp: 1267269

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

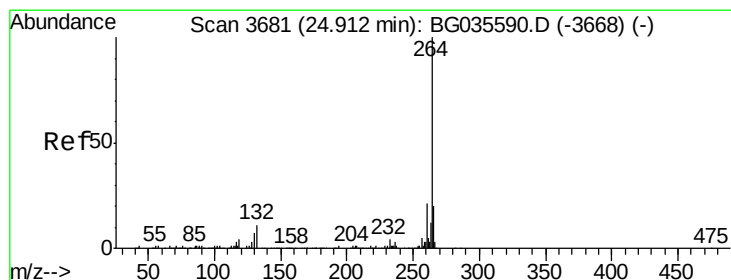
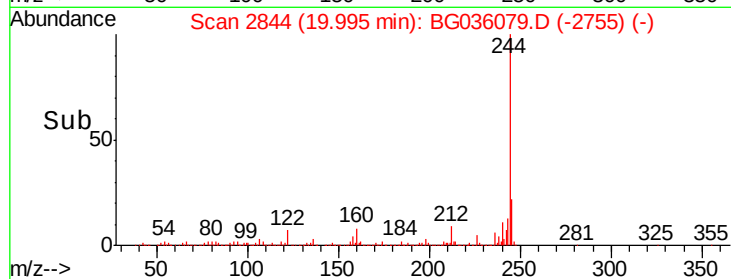
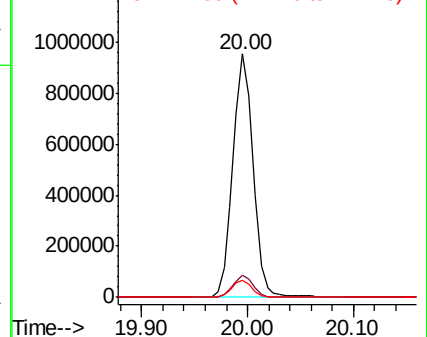
122 7.0 7.0 10.4



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: BG036079.D

Acq: 3 Aug 2018 4:35

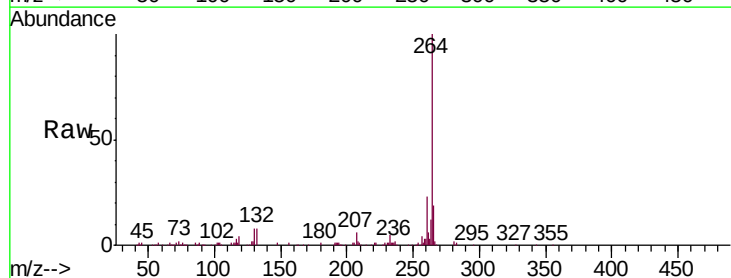
Tgt Ion:264 Resp: 229184

Ion Ratio Lower Upper

264 100

260 23.4 17.4 26.0

265 18.9 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

