

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080218\
 Data File : BG036077.D
 Acq On : 3 Aug 2018 3:17
 Operator : JU/SJ
 Sample : J4285-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 KG-PIT-1

Quant Time: Aug 03 07:10:01 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

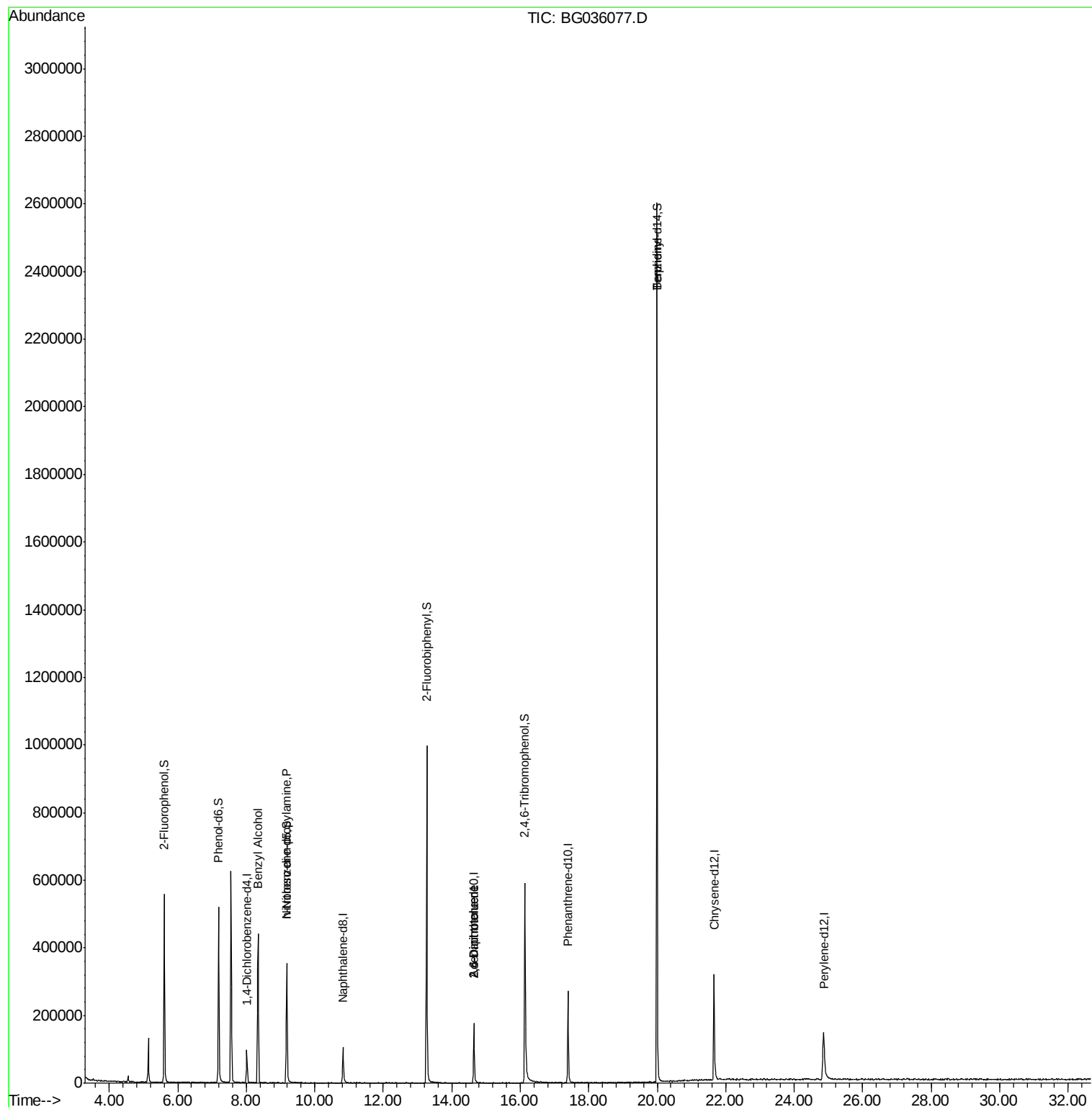
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	27604	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	103323	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	72617	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	217648	20.00	ng	0.00
75) Chrysene-d12	21.66	240	248399	20.00	ng	0.00
86) Perylene-d12	24.86	264	218691	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	247399	148.80	ng	0.00
7) Phenol-d6	7.19	99	324170	130.68	ng	0.00
23) Nitrobenzene-d5	9.18	82	253480	102.48	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	150000	156.72	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	578695	106.77	ng	0.00
78) Terphenyl-d14	20.00	244	1256384	111.49	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.35	79	4533	2.012	ng	# 38
19) n-Nitroso-di-n-propylamine	9.19	70	35653	17.068	ng	# 68
50) 2,6-Dinitrotoluene	14.65	165	9827	7.585	ng	# 18
56) 2,4-Dinitrotoluene	14.65	165	9827	5.287	ng	# 16
76) Benzidine	20.00	184	22463	3.440	ng	# 86

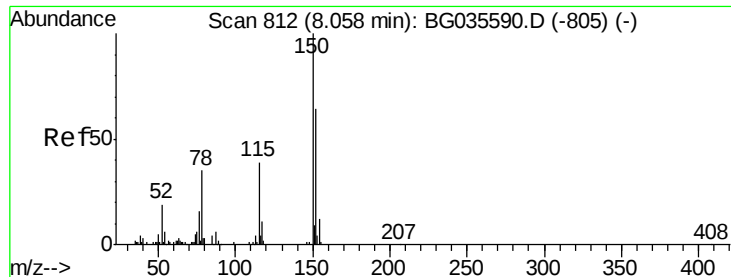
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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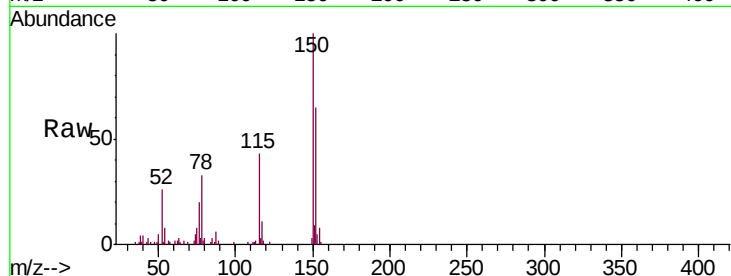


#1

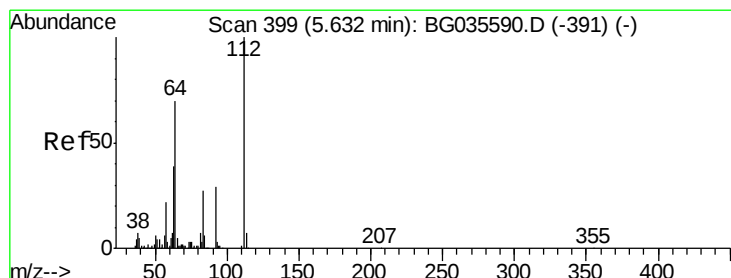
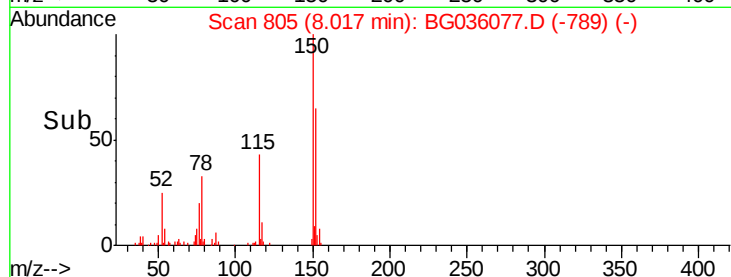
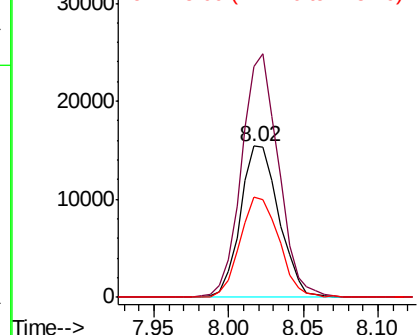
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 805
Delta R.T. -0.01 min
Lab File: BG036077.D
Acq: 3 Aug 2018 3:17

Instrument :
BNA_G
ClientSampleId :
KG-PIT-1

Tgt Ion:152 Resp: 27604
Ion Ratio Lower Upper
152 100
150 153.0 126.6 189.8
115 66.2 53.0 79.4



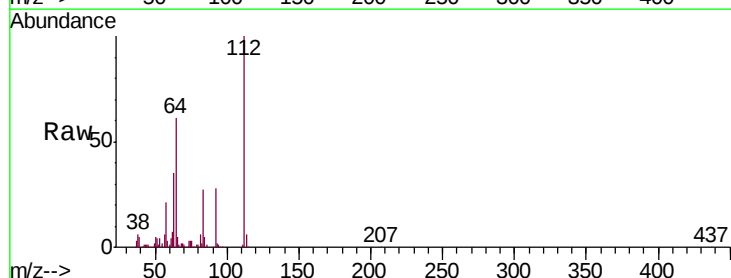
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



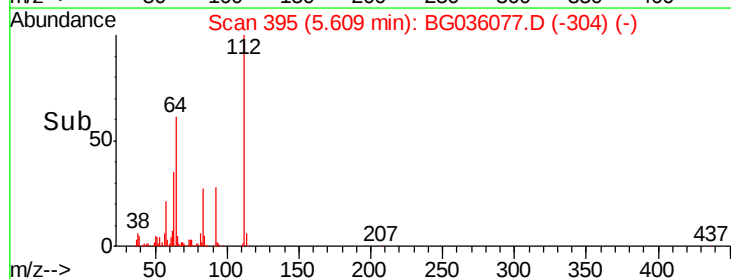
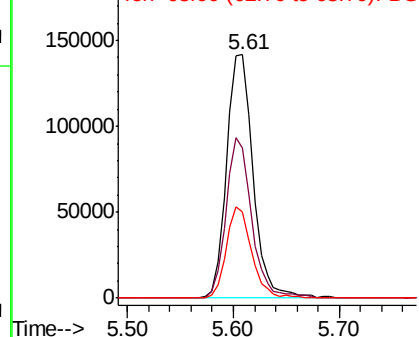
#5

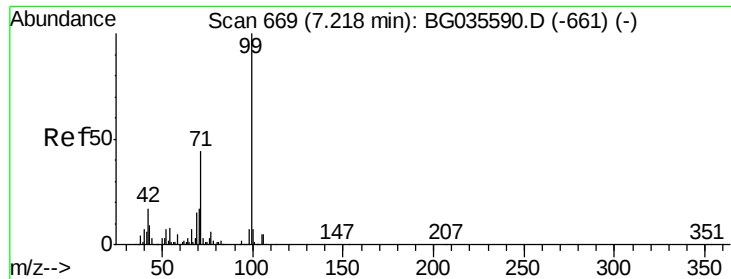
2-Fluorophenol
Concen: 148.797 ng
RT: 5.61 min Scan# 395
Delta R.T. 0.00 min
Lab File: BG036077.D
Acq: 3 Aug 2018 3:17

Tgt Ion:112 Resp: 247399
Ion Ratio Lower Upper
112 100
64 61.4 56.3 84.5
63 35.5 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: 130.679 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG036077.D

Acq: 3 Aug 2018 3:17

Instrument :

BNA_G

ClientSampleId :

KG-PIT-1

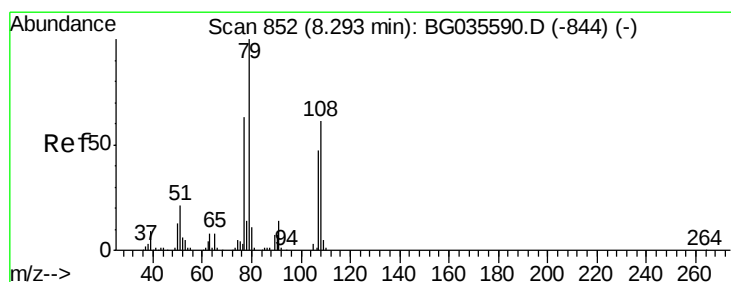
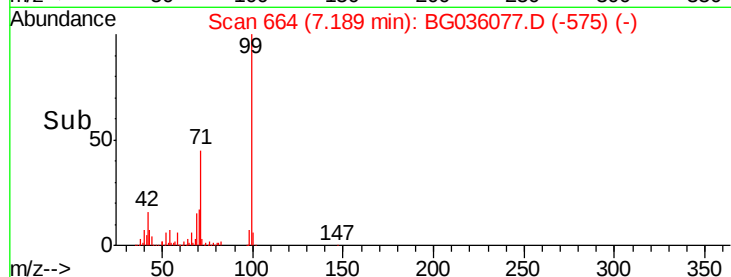
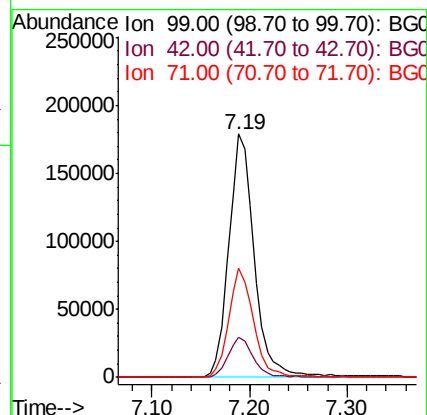
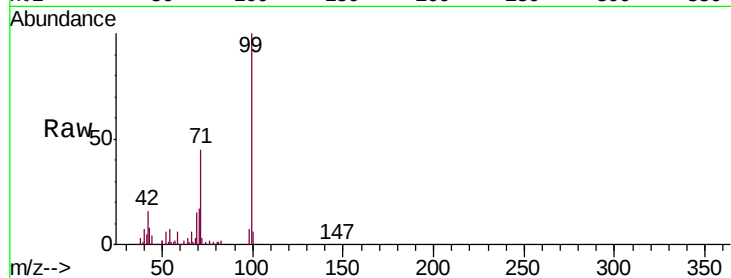
Tgt Ion: 99 Resp: 324170

Ion Ratio Lower Upper

99 100

42 16.3 14.1 21.1

71 44.8 26.1 39.1#



#15

Benzyl Alcohol

Concen: 2.012 ng

RT: 8.35 min Scan# 861

Delta R.T. 0.08 min

Lab File: BG036077.D

Acq: 3 Aug 2018 3:17

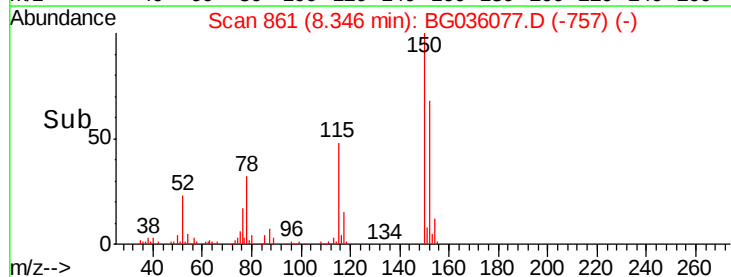
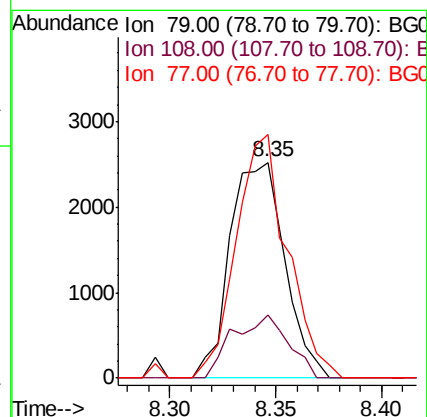
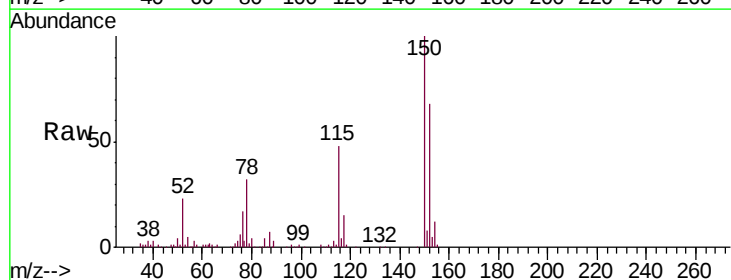
Tgt Ion: 79 Resp: 4533

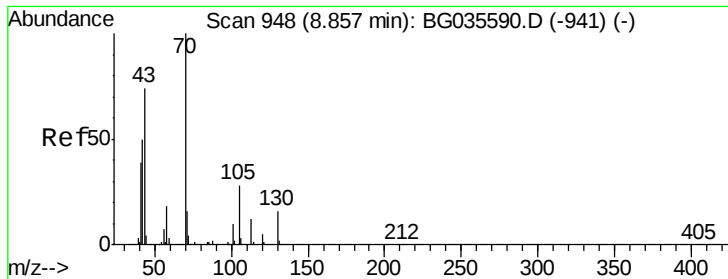
Ion Ratio Lower Upper

79 100

108 29.2 57.2 85.8#

77 113.0 46.1 69.1#

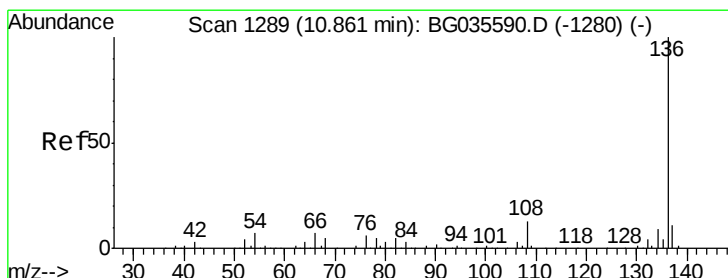
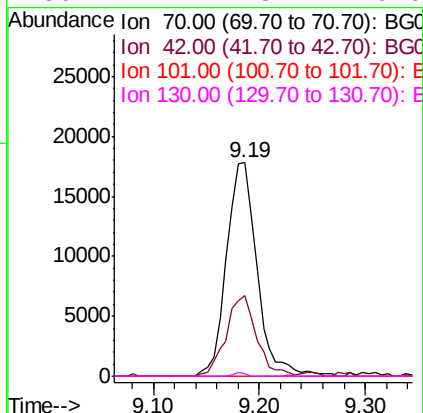
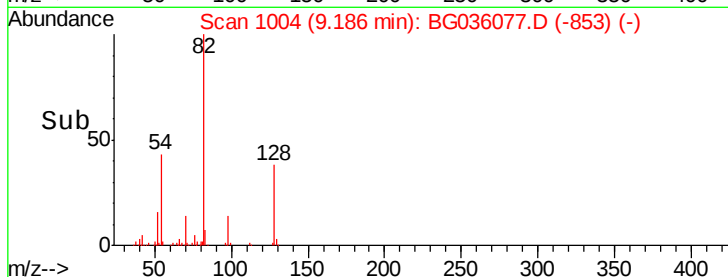
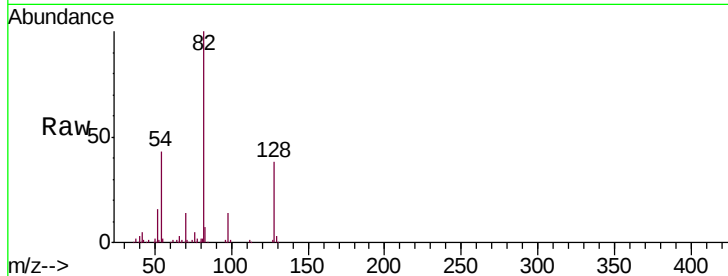




#19
n-Nitroso-di-n-propylamine
Concen: 17.068 ng
RT: 9.19 min Scan# 1004
Delta R.T. 0.36 min
Lab File: BG036077.D
Acq: 3 Aug 2018 3:17

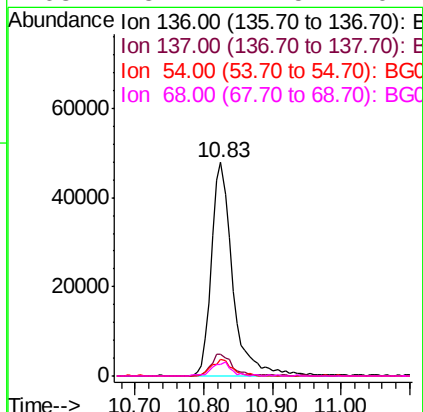
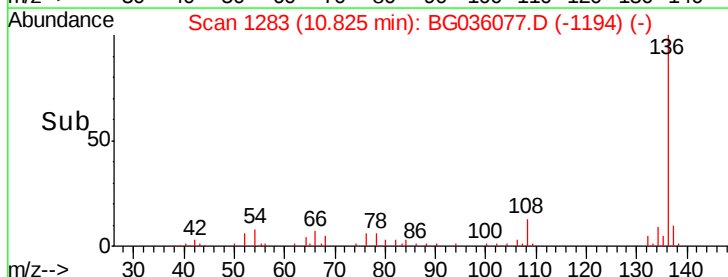
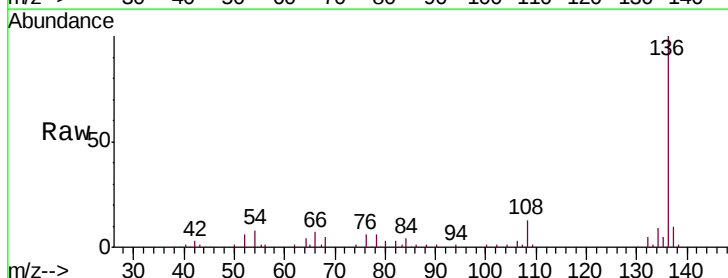
Instrument :
BNA_G
ClientSampleId :
KG-PIT-1

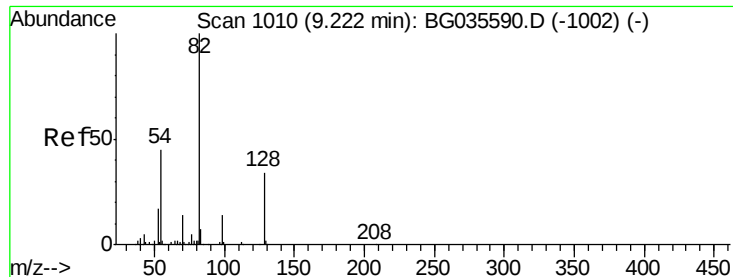
Tgt Ion: 70 Resp: 35653
Ion Ratio Lower Upper
70 100
42 37.6 49.1 73.7#
101 0.0 8.5 12.7#
130 1.4 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG036077.D
Acq: 3 Aug 2018 3:17

Tgt Ion: 136 Resp: 103323
Ion Ratio Lower Upper
136 100
137 10.3 9.2 13.8
54 7.8 10.3 15.5#
68 5.4 4.5 6.7

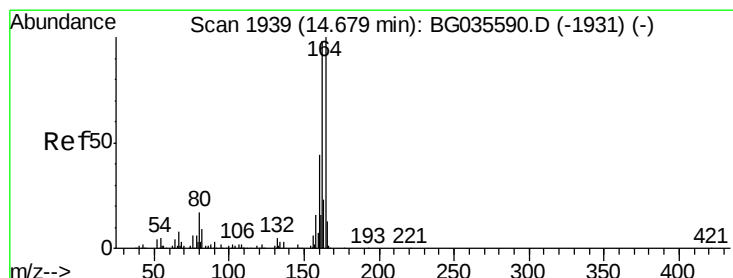
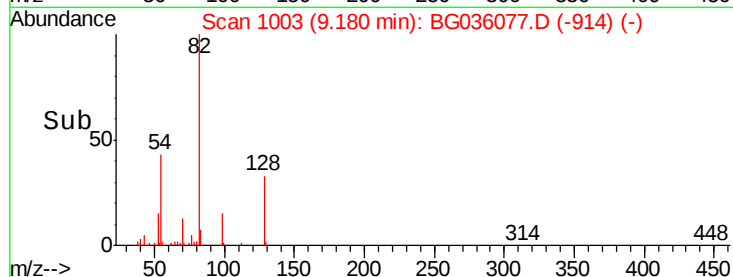
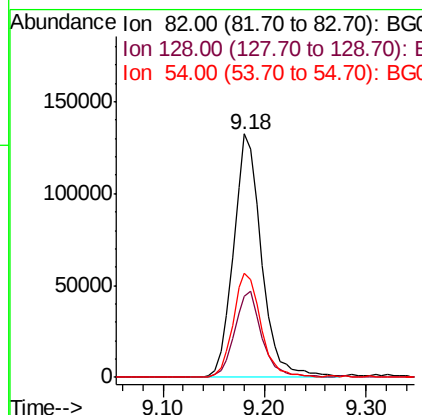
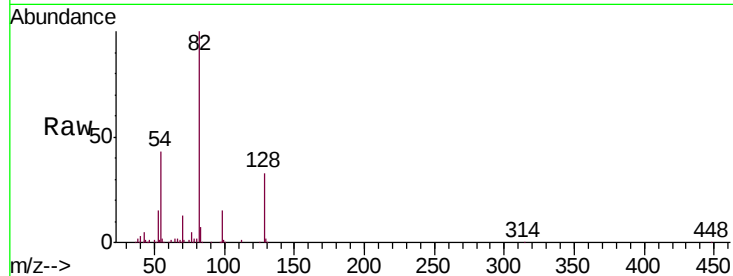




#23
 Nitrobenzene-d5
 Concen: 102.485 ng
 RT: 9.18 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BG036077.D
 Acq: 3 Aug 2018 3:17

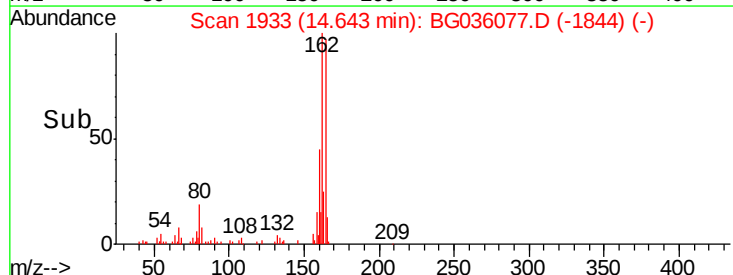
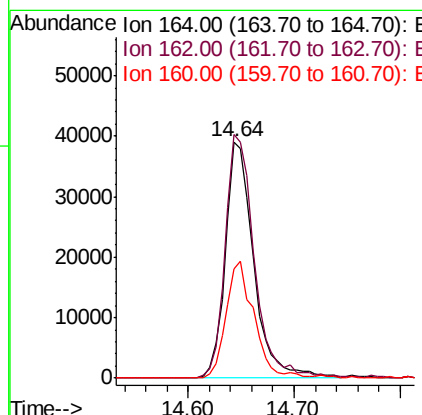
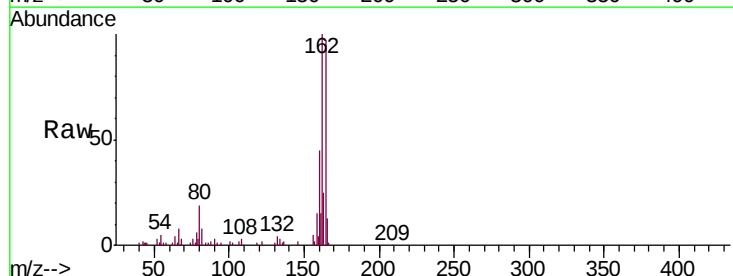
Instrument :
 BNA_G
 ClientSampleId :
 KG-PIT-1

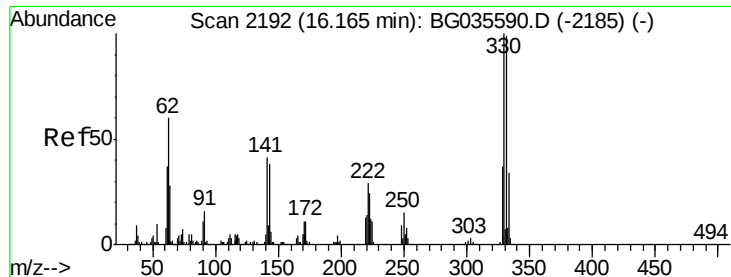
Tgt Ion: 82 Resp: 253480
 Ion Ratio Lower Upper
 82 100
 128 33.2 29.7 44.5
 54 42.8 43.1 64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.64 min Scan# 1933
 Delta R.T. -0.01 min
 Lab File: BG036077.D
 Acq: 3 Aug 2018 3:17

Tgt Ion: 164 Resp: 72617
 Ion Ratio Lower Upper
 164 100
 162 103.1 78.8 118.2
 160 46.3 35.4 53.0

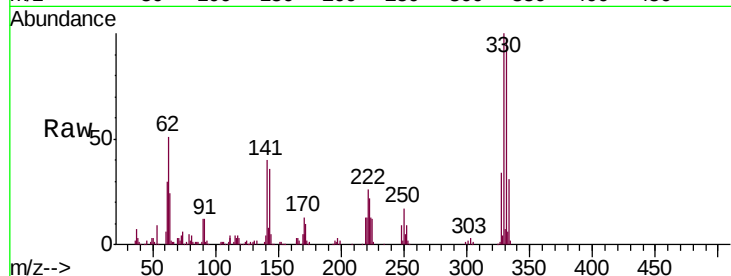




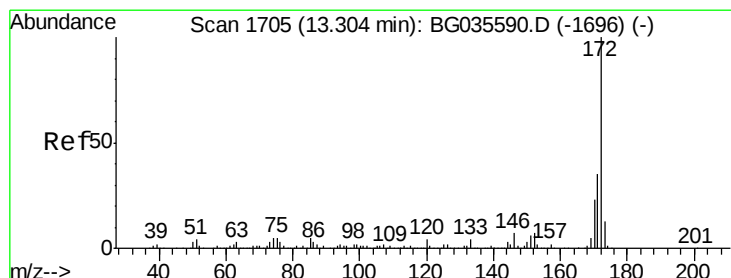
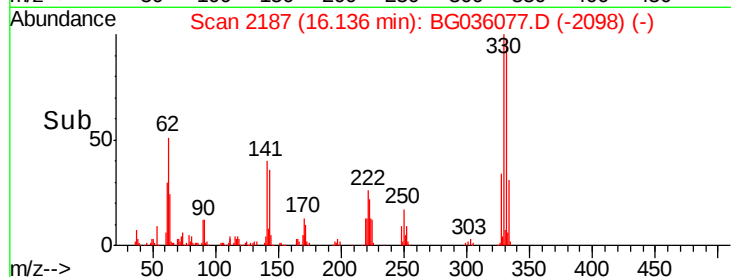
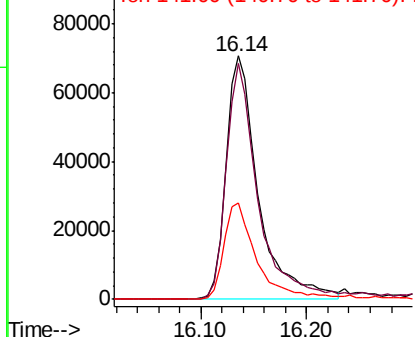
#41
 2,4,6-Tribromophenol
 Concen: 156.717 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG036077.D
 Acq: 3 Aug 2018 3:17

Instrument :
 BNA_G
 ClientSampleId :
 KG-PIT-1

Tgt Ion:330 Resp: 150000
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.0 115.6
 141 39.8 25.2 37.8#

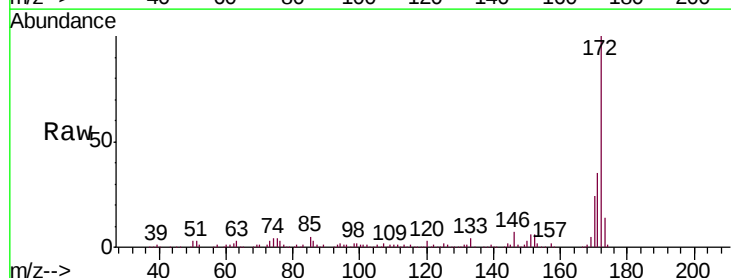


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

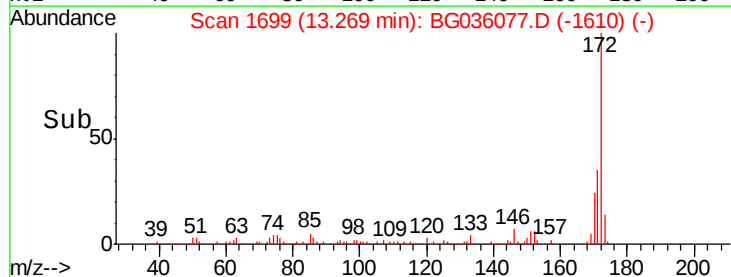
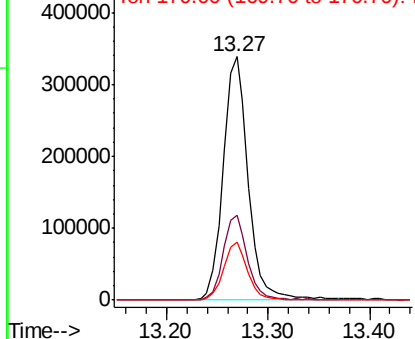


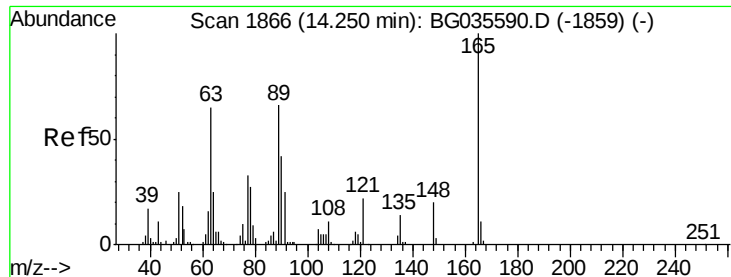
#44
 2-Fluorobiphenyl
 Concen: 106.766 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG036077.D
 Acq: 3 Aug 2018 3:17

Tgt Ion:172 Resp: 578695
 Ion Ratio Lower Upper
 172 100
 171 34.9 30.0 45.0
 170 23.7 19.5 29.3



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

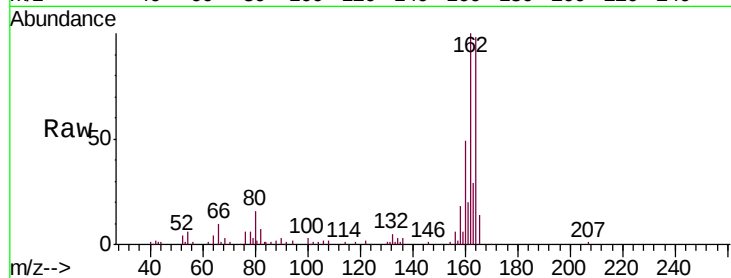




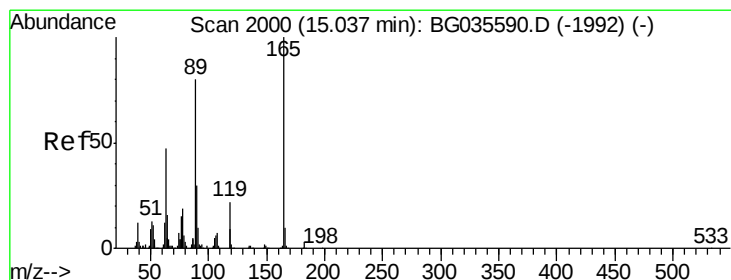
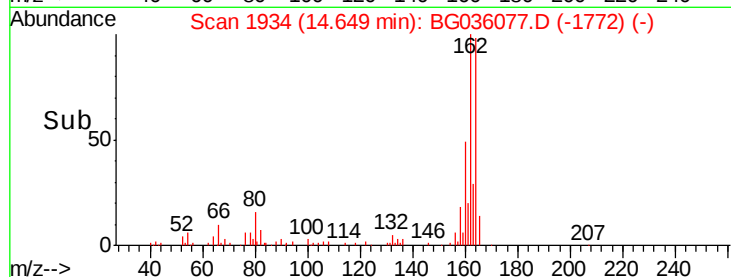
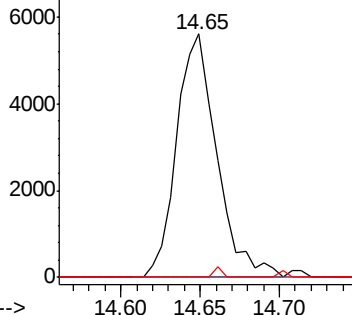
#50
 2,6-Dinitrotoluene
 Concen: 7.585 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. 0.42 min
 Lab File: BG036077.D
 Acq: 3 Aug 2018 3:17

Instrument :
 BNA_G
 ClientSampleId :
 KG-PIT-1

Tgt Ion:165 Resp: 9827
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#

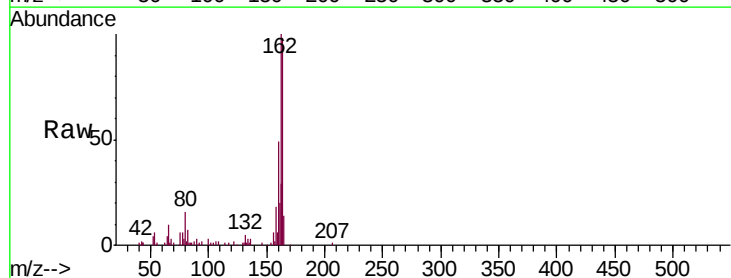


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

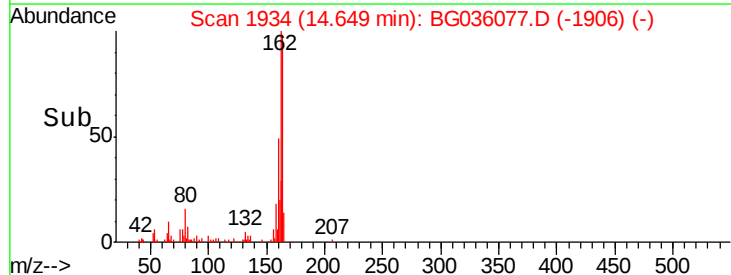
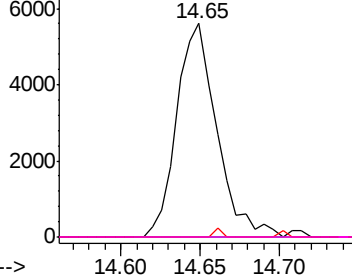


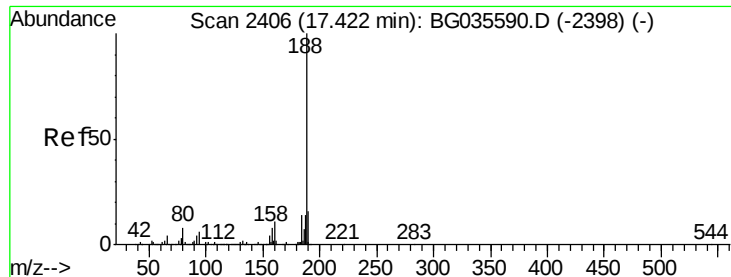
#56
 2,4-Dinitrotoluene
 Concen: 5.287 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.37 min
 Lab File: BG036077.D
 Acq: 3 Aug 2018 3:17

Tgt Ion:165 Resp: 9827
 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#



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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG036077.D

Acq: 3 Aug 2018 3:17

Instrument :

BNA_G

ClientSampleId :

KG-PIT-1

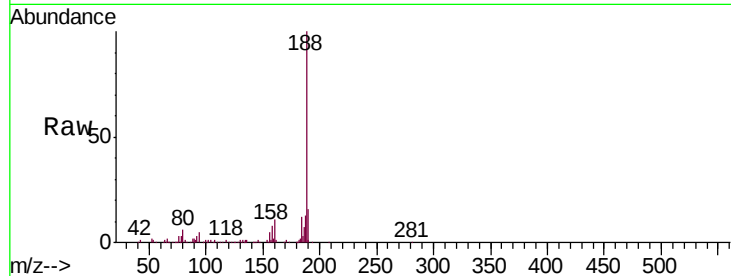
Tgt Ion:188 Resp: 217648

Ion Ratio Lower Upper

188 100

94 5.3 6.9 10.3#

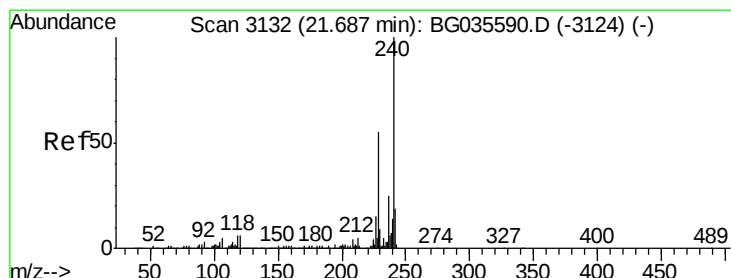
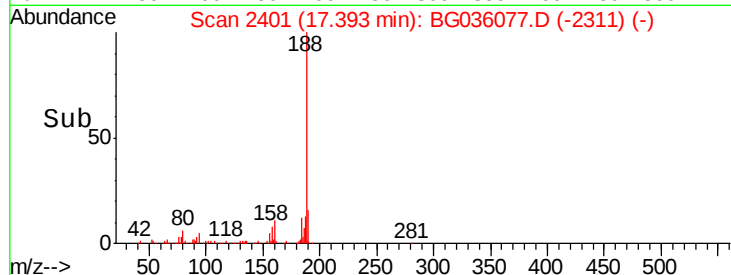
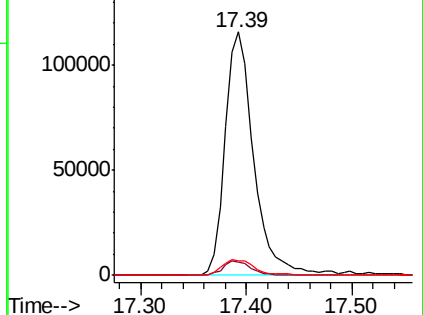
80 6.0 7.7 11.5#



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BG036077.D

Acq: 3 Aug 2018 3:17

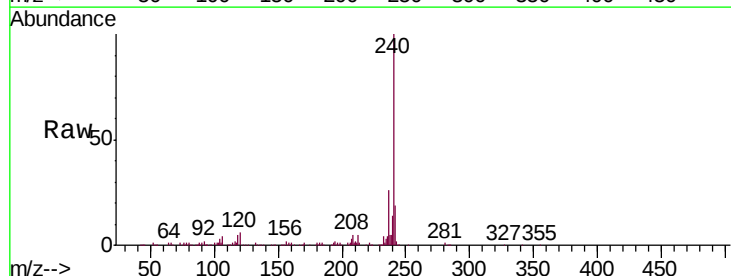
Tgt Ion:240 Resp: 248399

Ion Ratio Lower Upper

240 100

120 5.6 6.8 10.2#

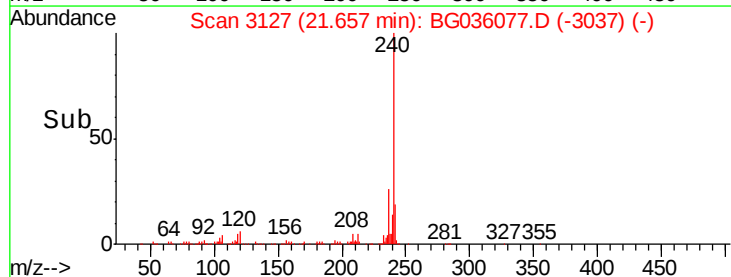
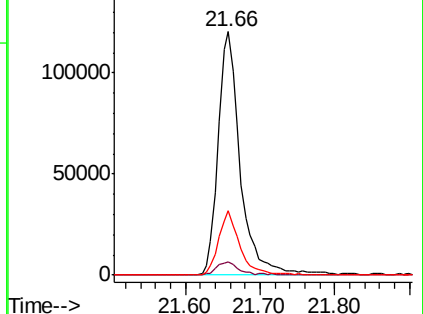
236 26.5 20.9 31.3

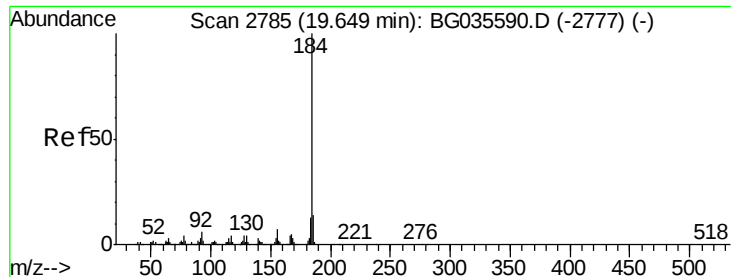


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 3.440 ng

RT: 20.00 min Scan# 2844

Delta R.T. 0.37 min

Lab File: BG036077.D

Acq: 3 Aug 2018 3:17

Instrument :

BNA_G

ClientSampleId :

KG-PIT-1

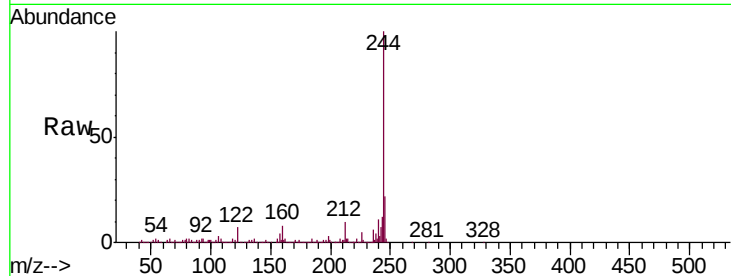
Tgt Ion:184 Resp: 22463

Ion Ratio Lower Upper

184 100

185 20.4 11.1 16.7#

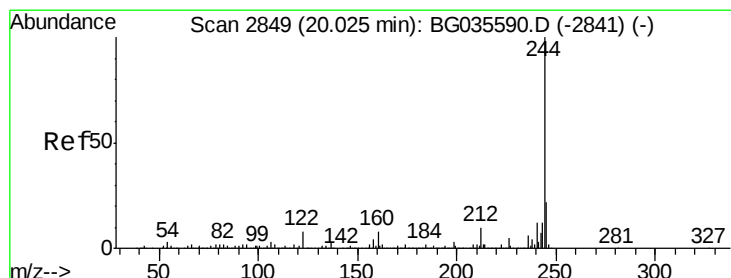
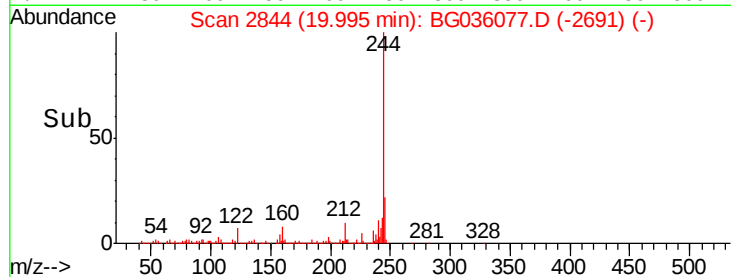
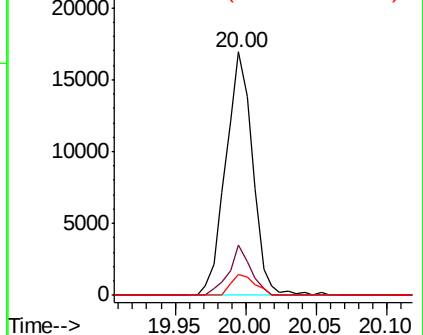
183 8.4 10.6 16.0#



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: 111.492 ng

RT: 20.00 min Scan# 2844

Delta R.T. -0.01 min

Lab File: BG036077.D

Acq: 3 Aug 2018 3:17

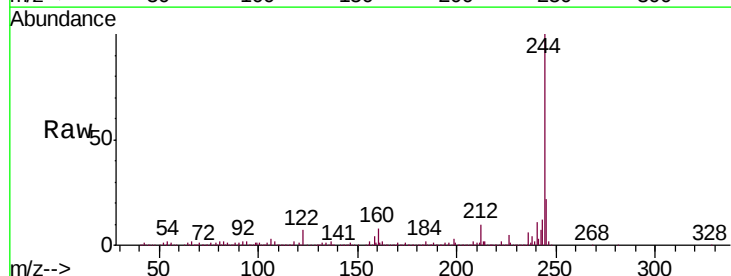
Tgt Ion:244 Resp: 1256384

Ion Ratio Lower Upper

244 100

212 9.6 5.8 8.8#

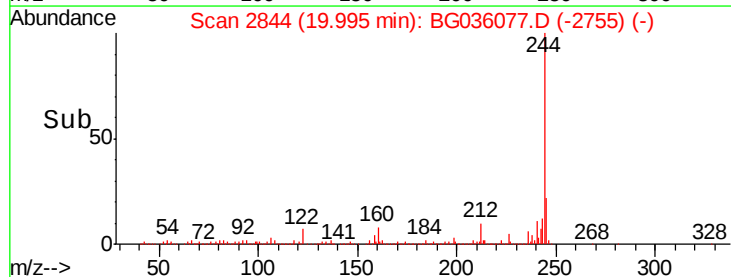
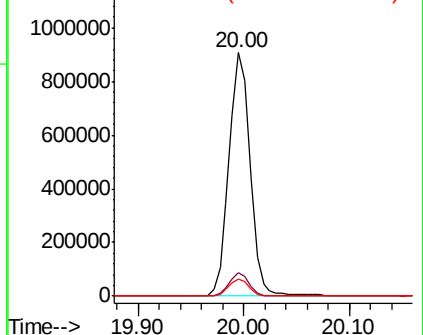
122 6.8 7.0 10.4#

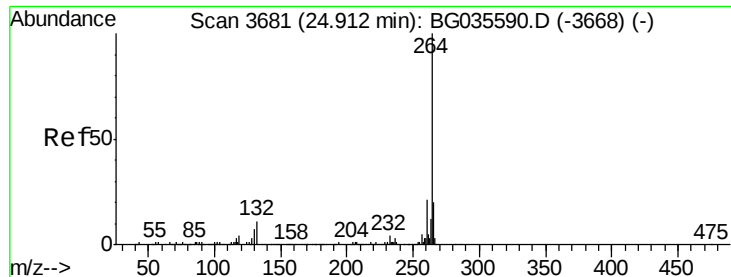


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3673
Delta R.T. 0.00 min
Lab File: BG036077.D
Acq: 3 Aug 2018 3:17

Instrument :
BNA_G
ClientSampleId :
KG-PIT-1

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.0
265	20.5	17.7	26.5

