

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080118\
 Data File : BG036034.D
 Acq On : 1 Aug 2018 15:17
 Operator : JU/SJ
 Sample : J4257-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-03-001-D

Quant Time: Aug 01 16:33:58 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

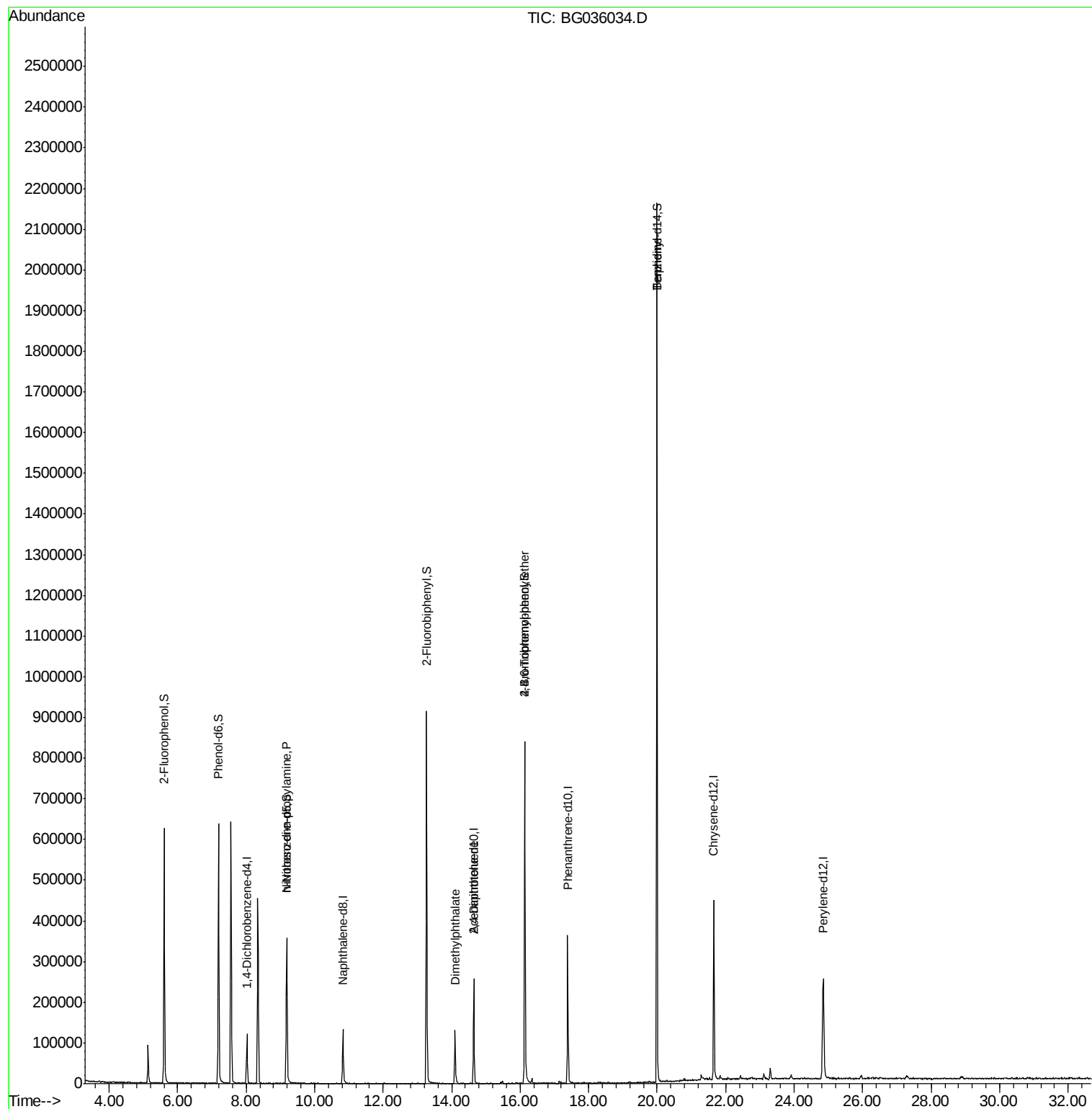
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	35445	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	125188	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	93715	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	262674	20.00	ng	0.00
75) Chrysene-d12	21.65	240	308994	20.00	ng	0.00
86) Perylene-d12	24.85	264	290782	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	270701	126.80	ng	0.00
7) Phenol-d6	7.19	99	389982	122.43	ng	0.00
23) Nitrobenzene-d5	9.18	82	257410	85.90	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	175094	141.75	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	539809	77.17	ng	-0.01
78) Terphenyl-d14	20.00	244	1053563	75.16	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.18	70	35854	13.367	ng	Qvalue # 75
49) Dimethylphthalate	14.10	163	111105	13.532	ng	# 99
56) 2,4-Dinitrotoluene	14.65	165	12821	5.345	ng	# 16
66) 4-Bromophenyl-phenylether	16.13	248	14839	4.869	ng	# 1
76) Benzidine	20.00	184	18141	2.233	ng	# 89

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

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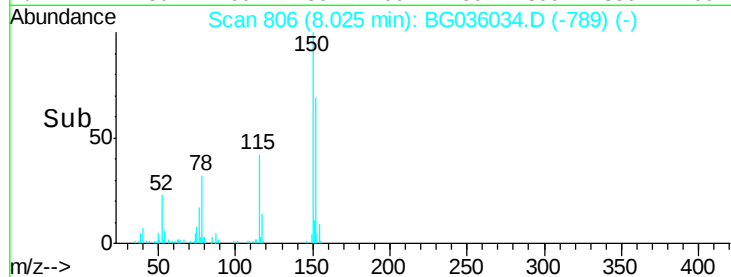
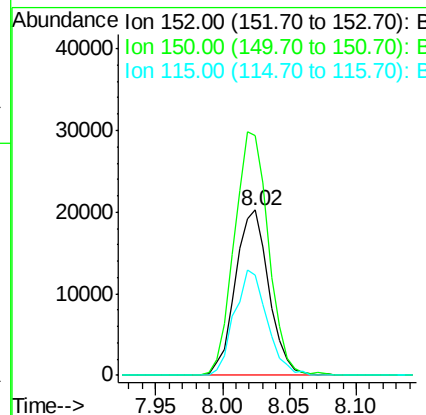
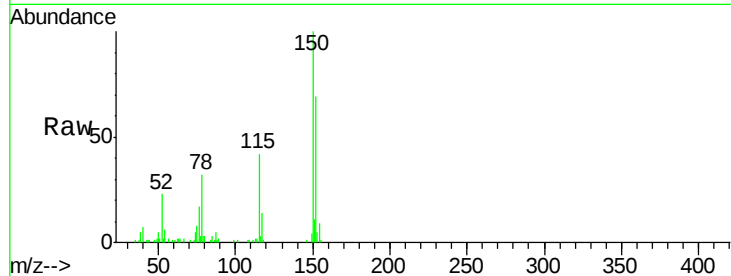


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. 0.00 min
Lab File: BG036034.D
Acq: 1 Aug 2018 15:17

Instrument :
BNA_G
ClientSampleId :
FK-BPM-03-001-D

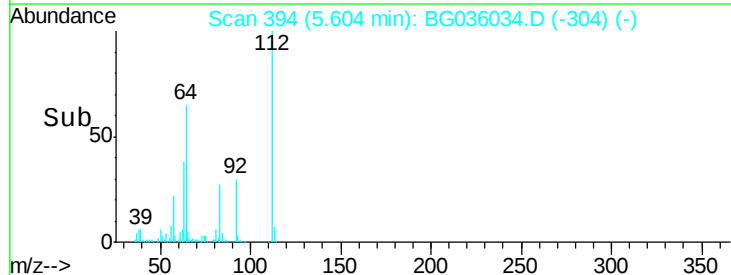
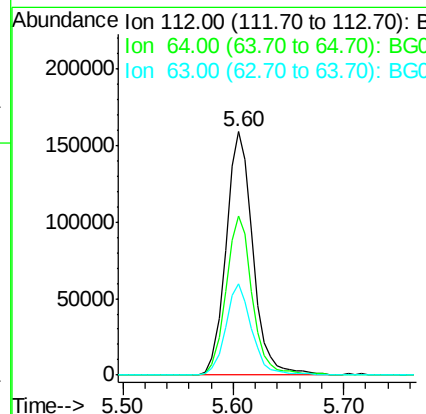
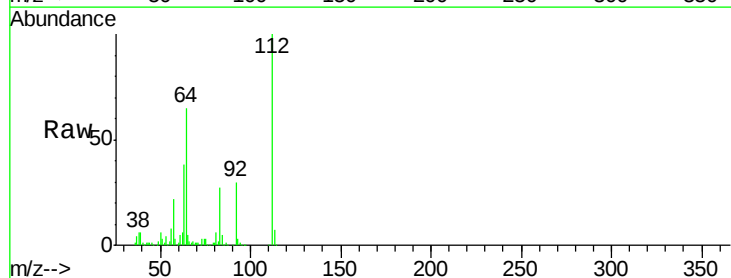
Tgt Ion	Ratio	Lower	Upper
152	100		
150	145.3	126.6	189.8
115	61.0	53.0	79.4

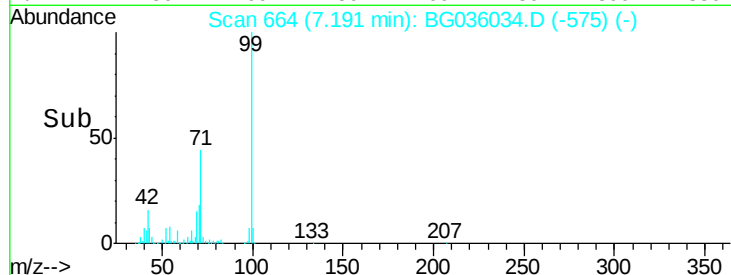
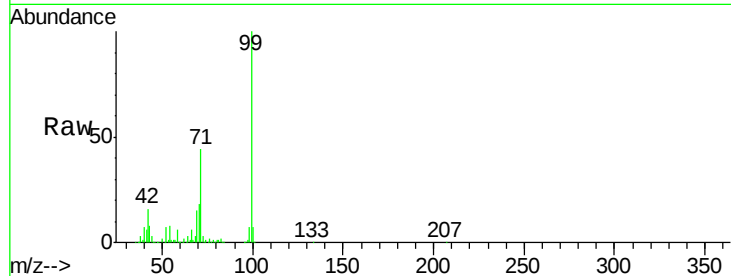


#5

2-Fluorophenol
Concen: 126.796 ng
RT: 5.60 min Scan# 394
Delta R.T. 0.00 min
Lab File: BG036034.D
Acq: 1 Aug 2018 15:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.3	56.3	84.5
63	37.6	30.1	45.1





#7

Phenol-d6

Concen: 122.432 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG036034.D

Acq: 1 Aug 2018 15:17

Instrument :

BNA_G

ClientSampleId :

FK-BPM-03-001-D

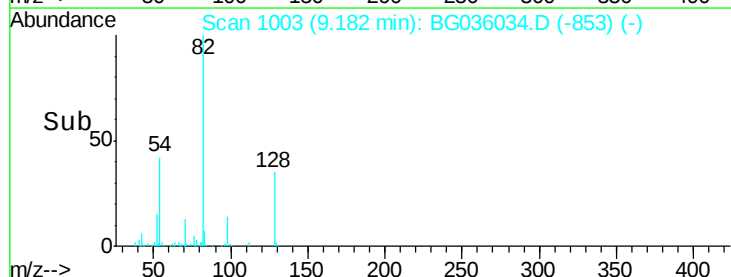
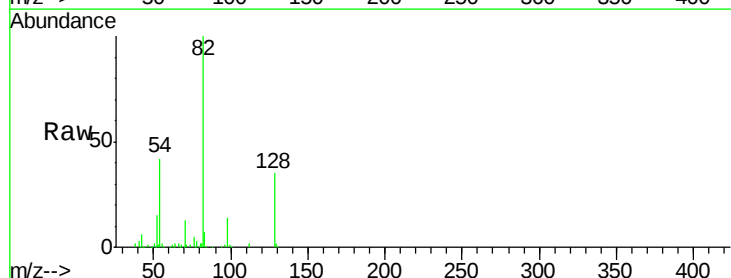
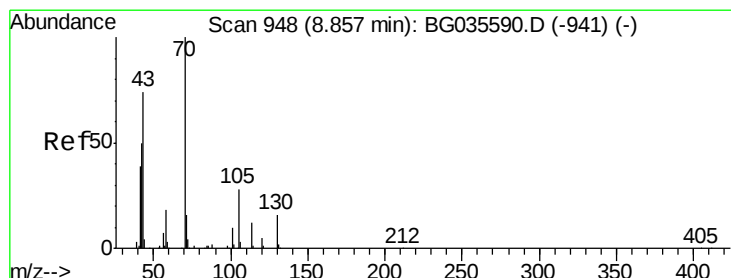
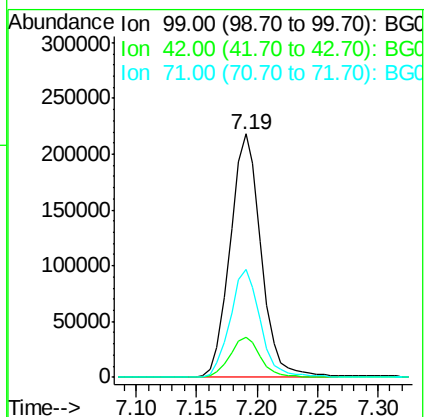
Tgt Ion: 99 Resp: 389982

Ion Ratio Lower Upper

99 100

42 16.2 14.1 21.1

71 44.3 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 13.367 ng

RT: 9.18 min Scan# 1003

Delta R.T. 0.35 min

Lab File: BG036034.D

Acq: 1 Aug 2018 15:17

Tgt Ion: 70 Resp: 35854

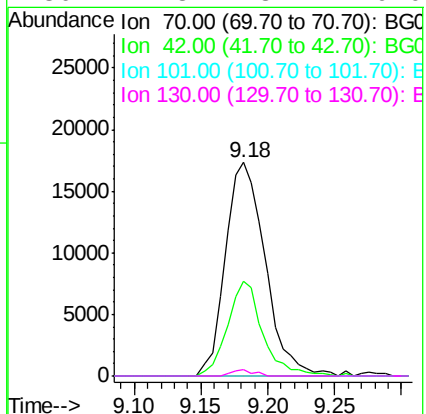
Ion Ratio Lower Upper

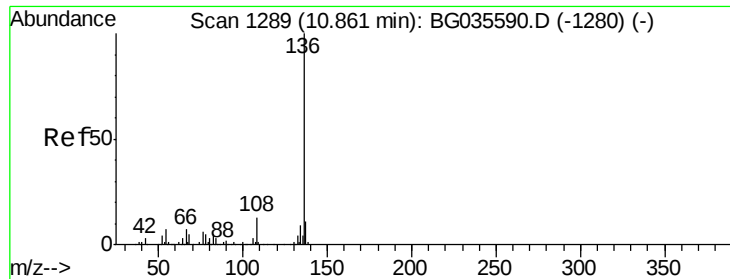
70 100

42 44.6 49.1 73.7#

101 0.0 8.5 12.7#

130 2.8 13.4 20.0#

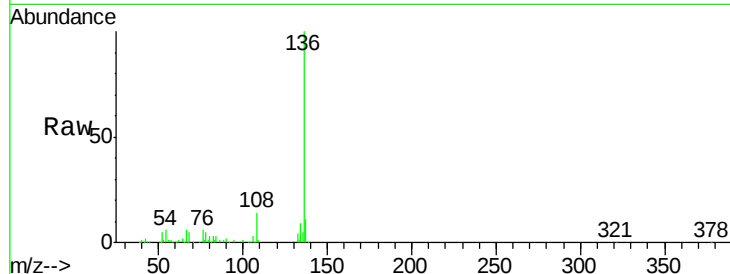




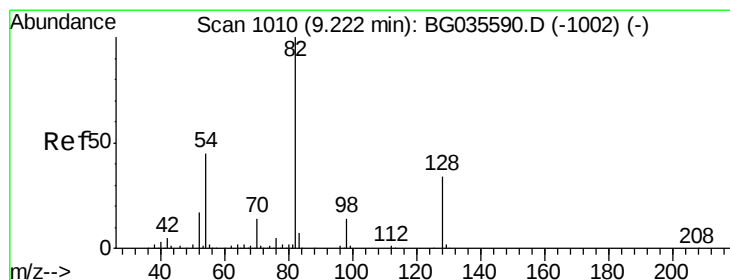
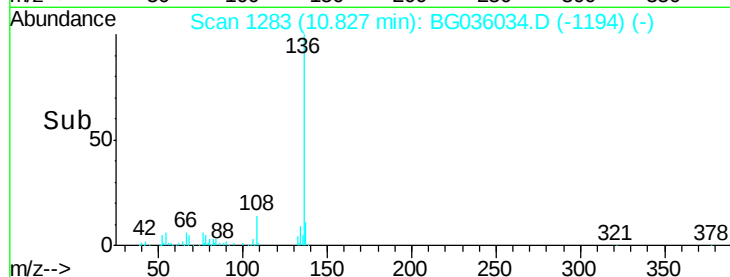
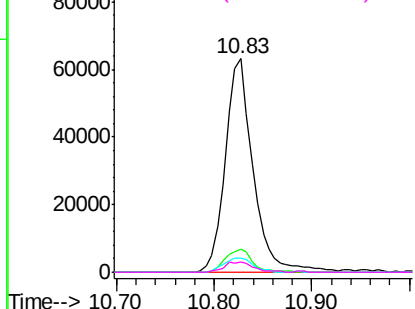
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG036034.D
Acq: 1 Aug 2018 15:17

Instrument :
BNA_G
ClientSampleId :
FK-BPM-03-001-D

Tgt Ion:	136	Resp:	125188
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	6.5	10.3	15.5#
68	4.6	4.5	6.7

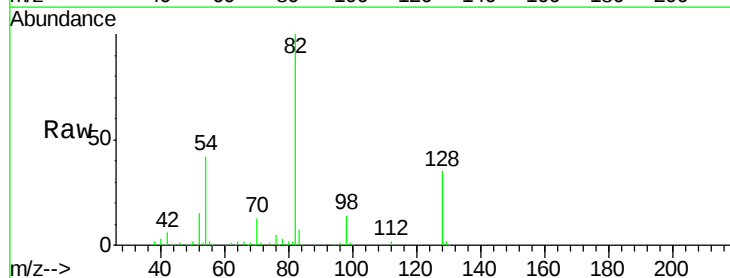


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

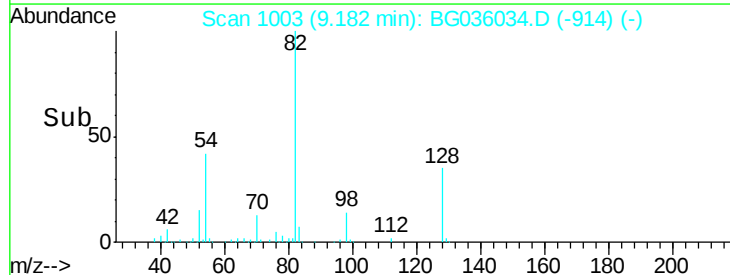
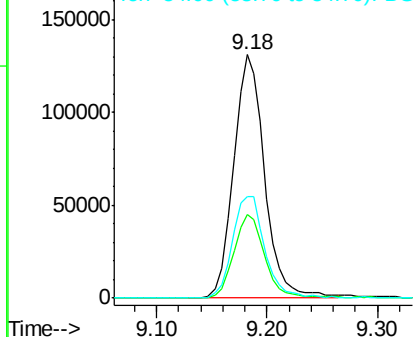


#23
Nitrobenzene-d5
Concen: 85.897 ng
RT: 9.18 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG036034.D
Acq: 1 Aug 2018 15:17

Tgt Ion:	82	Resp:	257410
Ion	Ratio	Lower	Upper
82	100		
128	34.5	29.7	44.5
54	41.9	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: 14.65 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BG036034.D

Acq: 1 Aug 2018 15:17

Instrument :

BNA_G

ClientSampleId :

FK-BPM-03-001-D

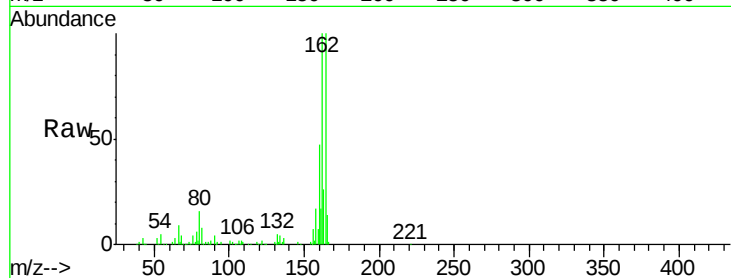
Tgt Ion:164 Resp: 93715

Ion Ratio Lower Upper

164 100

162 100.5 78.8 118.2

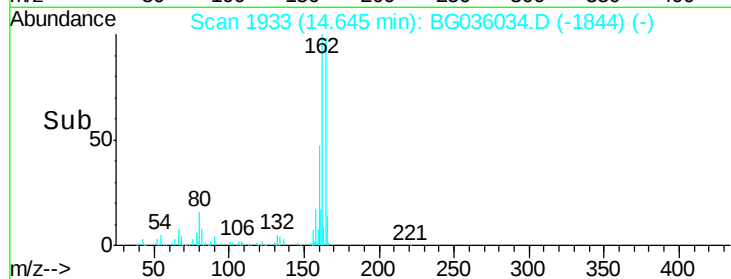
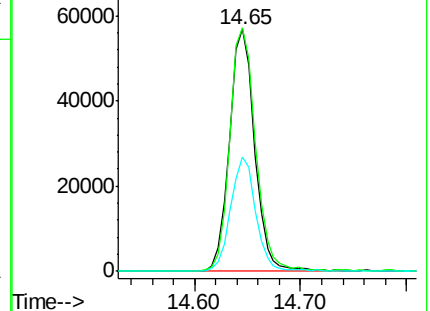
160 47.1 35.4 53.0



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: 141.751 ng

RT: 16.14 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BG036034.D

Acq: 1 Aug 2018 15:17

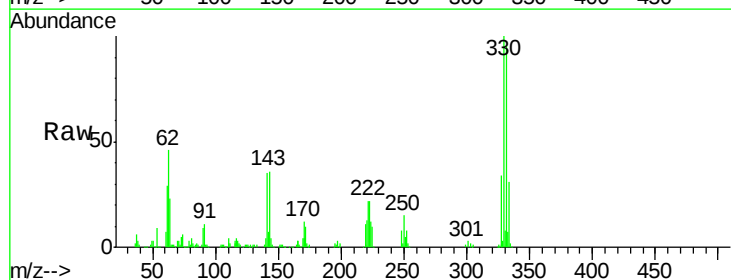
Tgt Ion:330 Resp: 175094

Ion Ratio Lower Upper

330 100

332 94.6 77.0 115.6

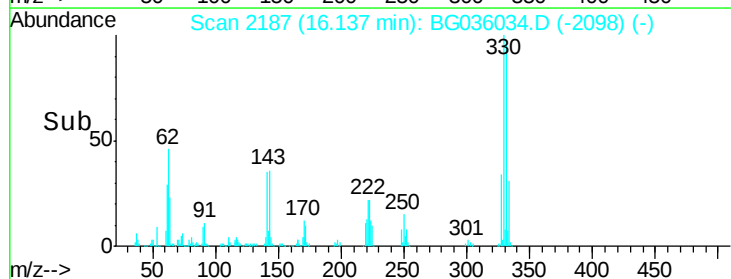
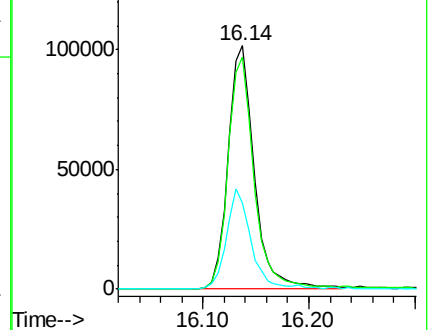
141 38.8 25.2 37.8#

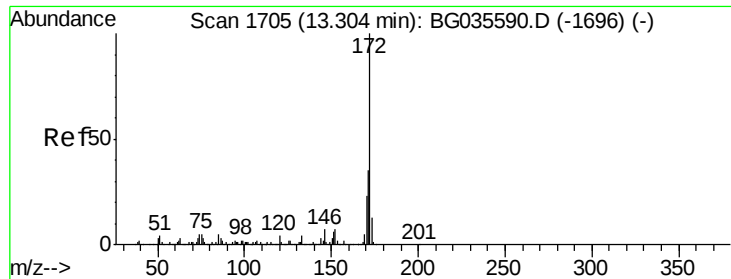


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

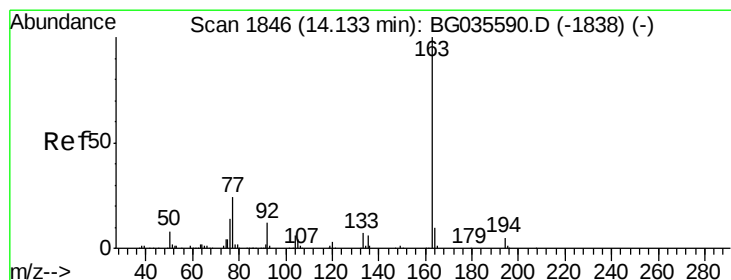
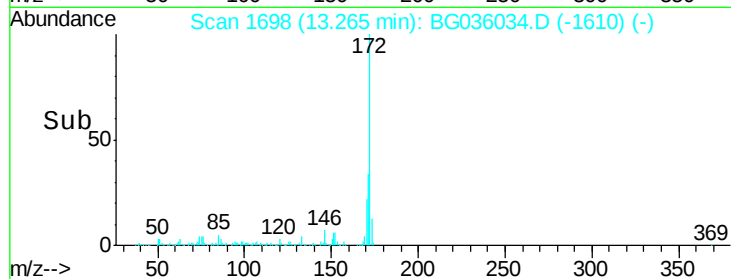
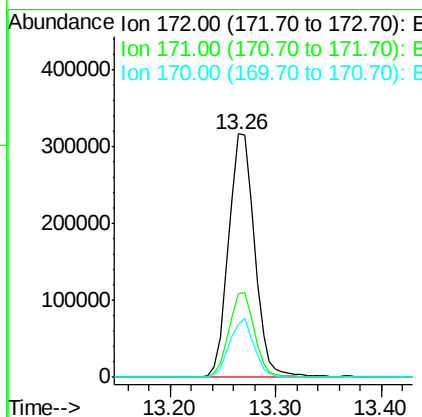
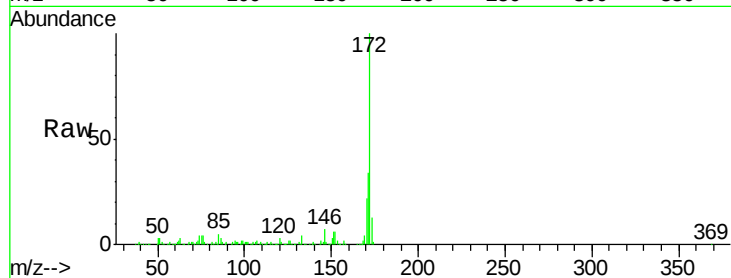




#44
2-Fluorobiphenyl
Concen: 77.171 ng
RT: 13.26 min Scan# 1698
Delta R.T. -0.01 min
Lab File: BG036034.D
Acq: 1 Aug 2018 15:17

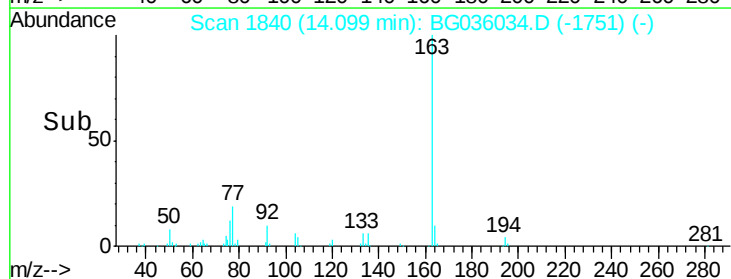
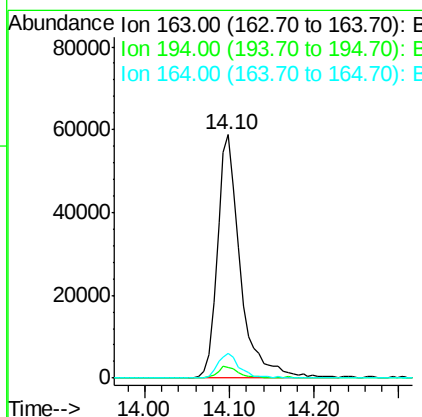
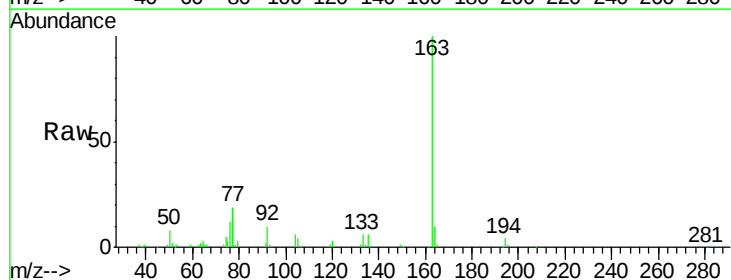
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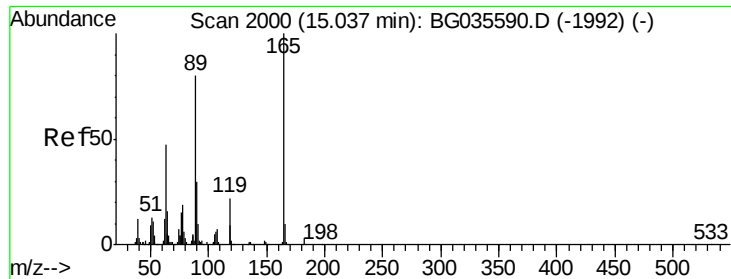
Tgt Ion:172 Resp: 539809
Ion Ratio Lower Upper
172 100
171 34.3 30.0 45.0
170 22.0 19.5 29.3



#49
Dimethylphthalate
Concen: 13.532 ng
RT: 14.10 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BG036034.D
Acq: 1 Aug 2018 15:17

Tgt Ion:163 Resp: 111105
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 10.1 8.2 12.4





#56

2,4-Dinitrotoluene

Concen: 5.345 ng

RT: 14.65 min Scan# 1933

Delta R.T. -0.37 min

Lab File: BG036034.D

Acq: 1 Aug 2018 15:17

Instrument :

BNA_G

ClientSampleId :

FK-BPM-03-001-D

Tgt Ion:165 Resp: 12821

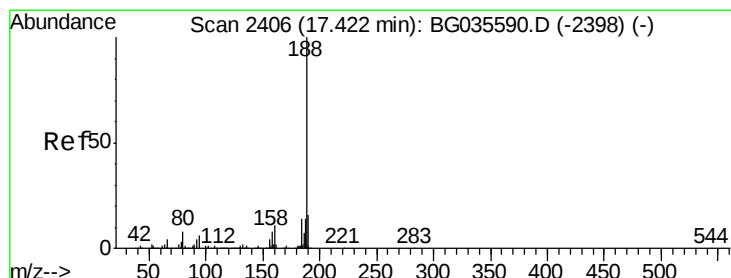
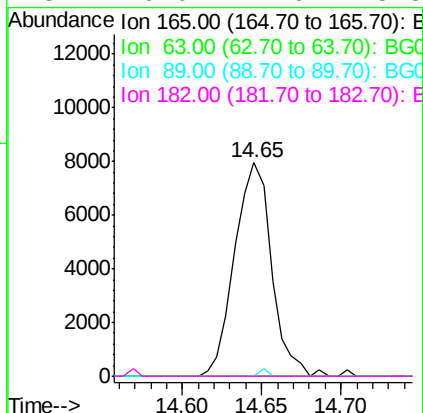
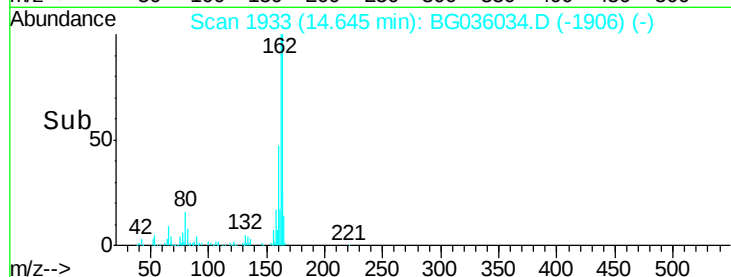
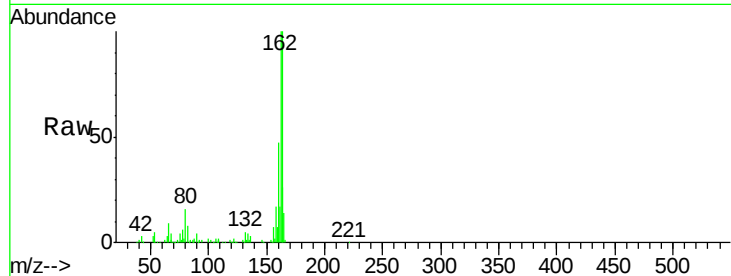
Ion Ratio Lower Upper

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. -0.01 min

Lab File: BG036034.D

Acq: 1 Aug 2018 15:17

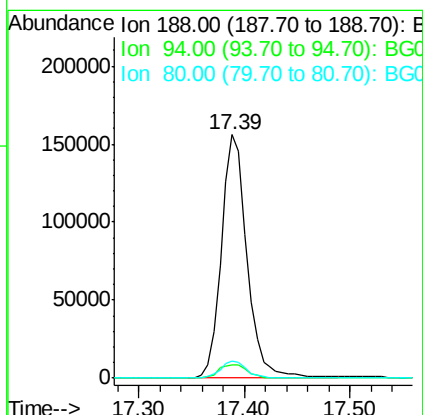
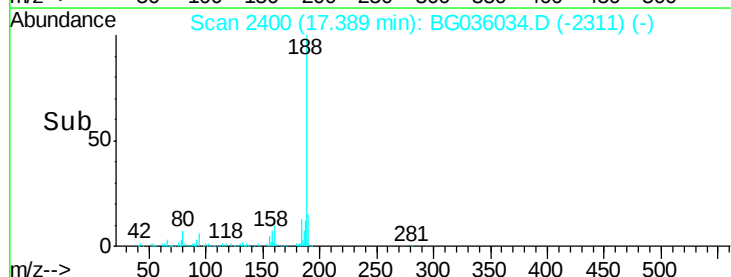
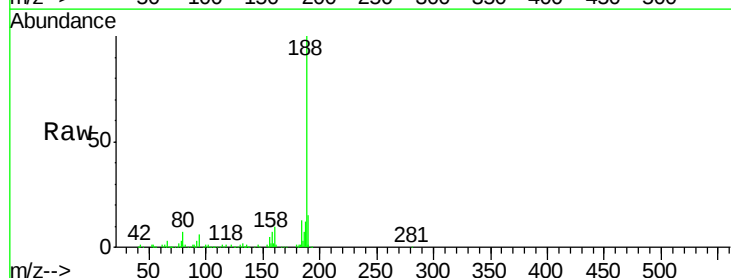
Tgt Ion:188 Resp: 262674

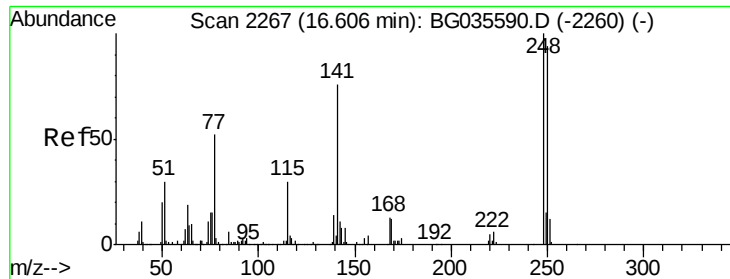
Ion Ratio Lower Upper

188 100

94 5.6 6.9 10.3#

80 6.9 7.7 11.5#

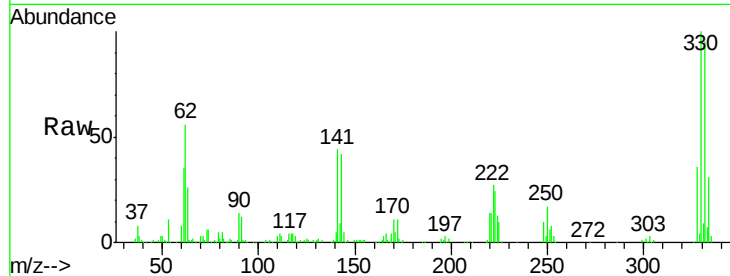




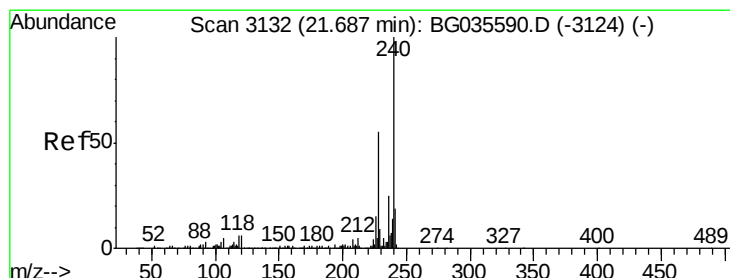
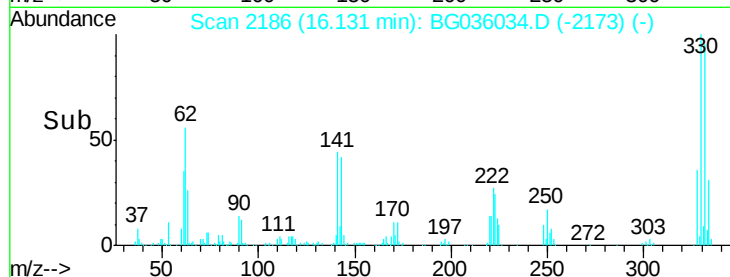
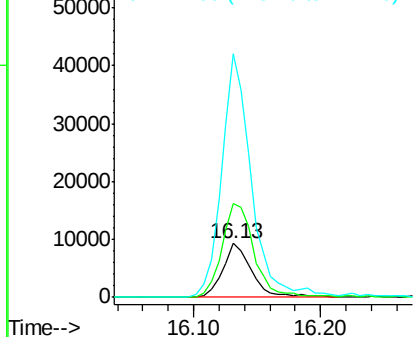
#66
 4-Bromophenyl-phenylether
 Concen: 4.869 ng
 RT: 16.13 min Scan# 2186
 Delta R.T. -0.45 min
 Lab File: BG036034.D
 Acq: 1 Aug 2018 15:17

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-03-001-D

Tgt Ion:248 Resp: 14839
 Ion Ratio Lower Upper
 248 100
 250 173.0 77.1 115.7#
 141 450.0 50.8 76.2#

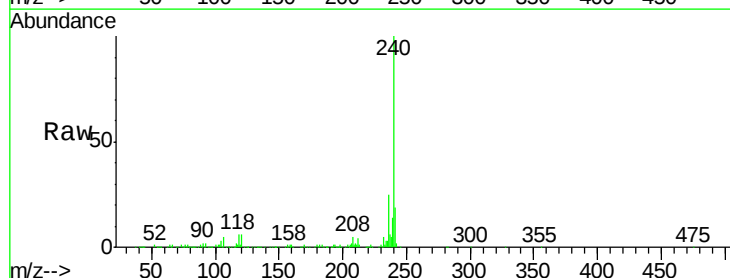


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

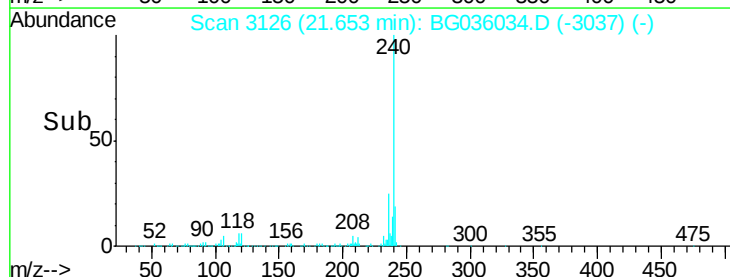
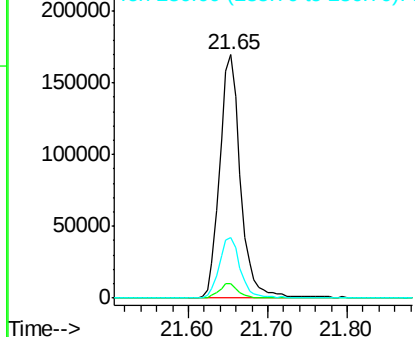


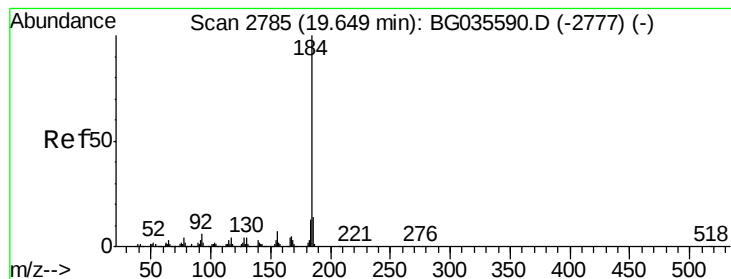
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.65 min Scan# 3126
 Delta R.T. -0.01 min
 Lab File: BG036034.D
 Acq: 1 Aug 2018 15:17

Tgt Ion:240 Resp: 308994
 Ion Ratio Lower Upper
 240 100
 120 5.8 6.8 10.2#
 236 25.1 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: 2.233 ng

RT: 20.00 min Scan# 2844

Delta R.T. 0.37 min

Lab File: BG036034.D

Acq: 1 Aug 2018 15:17

Instrument :

BNA_G

ClientSampleId :

FK-BPM-03-001-D

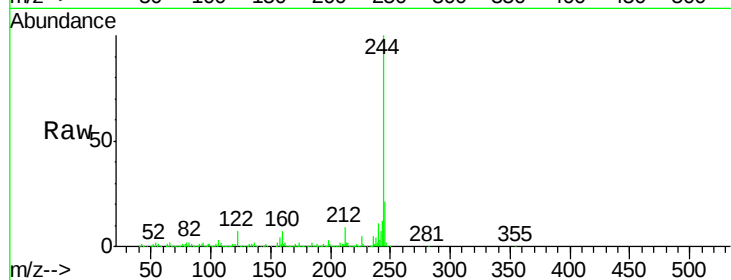
Tgt Ion:184 Resp: 18141

Ion Ratio Lower Upper

184 100

185 16.5 11.1 16.7

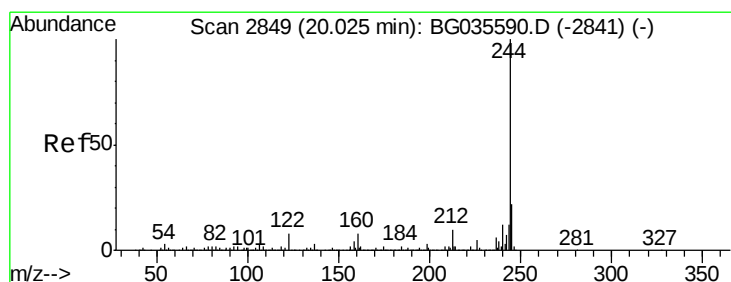
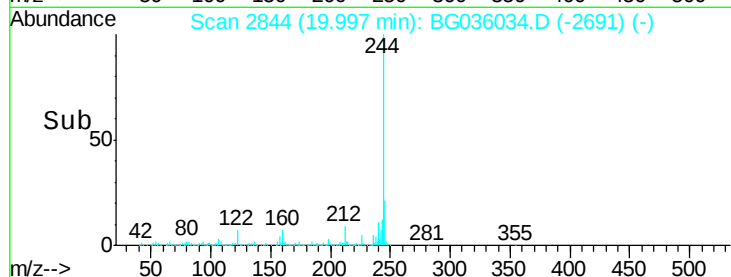
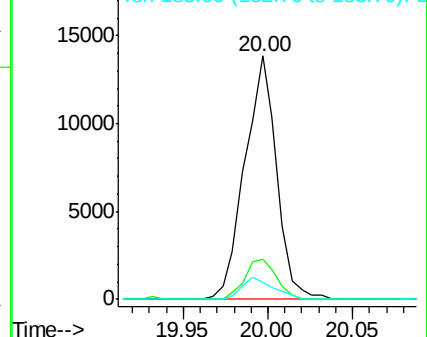
183 7.1 10.6 16.0#



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: 75.159 ng

RT: 20.00 min Scan# 2844

Delta R.T. -0.01 min

Lab File: BG036034.D

Acq: 1 Aug 2018 15:17

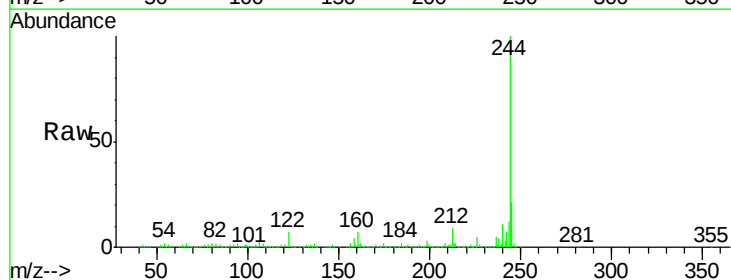
Tgt Ion:244 Resp: 1053563

Ion Ratio Lower Upper

244 100

212 9.3 5.8 8.8#

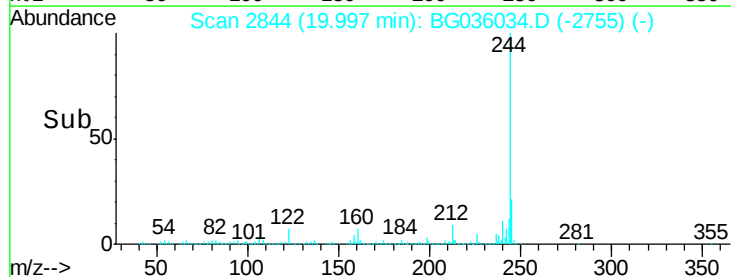
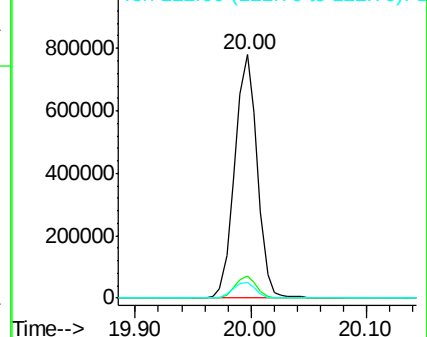
122 6.6 7.0 10.4#

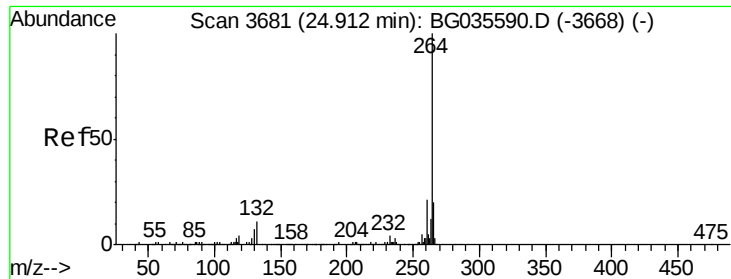


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.85 min Scan# 3670
Delta R.T. -0.01 min
Lab File: BG036034.D
Acq: 1 Aug 2018 15:17

Instrument :
BNA_G
ClientSampleId :
FK-BPM-03-001-D

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.1	17.4	26.0
265	22.2	17.7	26.5

