

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100618\
 Data File : BG037200.D
 Acq On : 5 Oct 2018 22:18
 Operator : JU/SJ
 Sample : J5199-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-100318

Quant Time: Oct 06 04:54:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

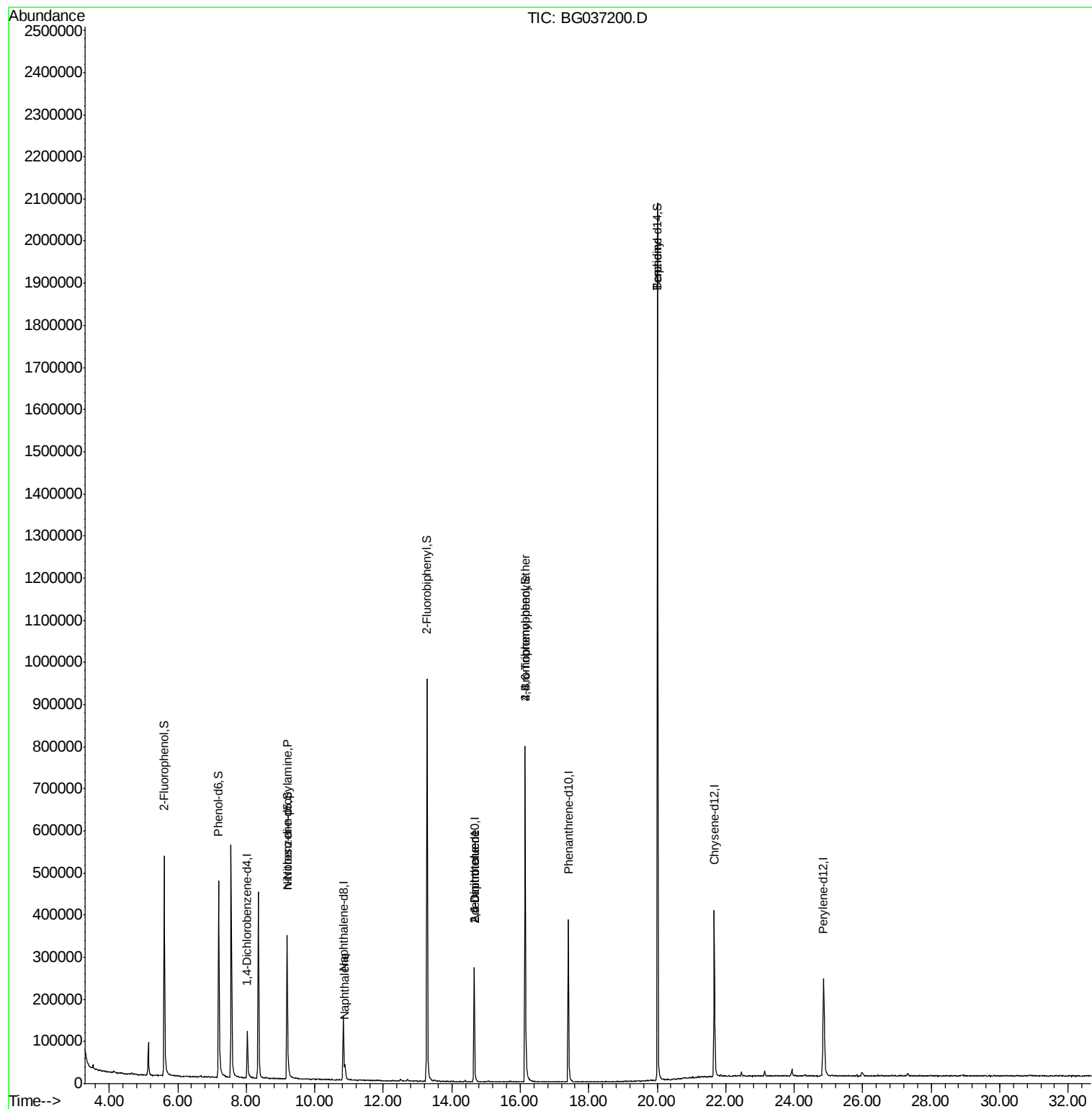
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	37691	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	155140	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	103918	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	275069	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	285008	20.00	ng	-0.02
86) Perylene-d12	24.86	264	267303	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	250105	127.26	ng	-0.02
7) Phenol-d6	7.20	99	317514	104.42	ng	-0.02
23) Nitrobenzene-d5	9.19	82	260169	89.80	ng	-0.02
41) 2,4,6-Tribromophenol	16.14	330	158162	127.21	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	547690	78.50	ng	-0.02
78) Terphenyl-d14	20.01	244	1041785	96.12	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	34470	13.627	ng	Qvalue # 76
31) Naphthalene	10.88	128	29984	4.062	ng	# 98
50) 2,6-Dinitrotoluene	14.66	165	13194	7.229	ng	# 20
56) 2,4-Dinitrotoluene	14.66	165	13194	5.181	ng	# 18
66) 4-Bromophenyl-phenylether	16.14	248	11492	3.673	ng	# 1
76) Benzidine	20.01	184	18543	2.152	ng	95

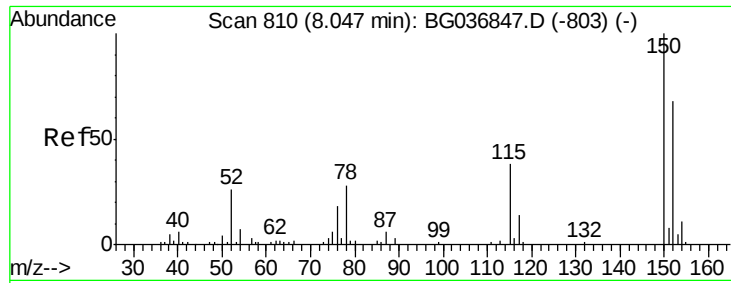
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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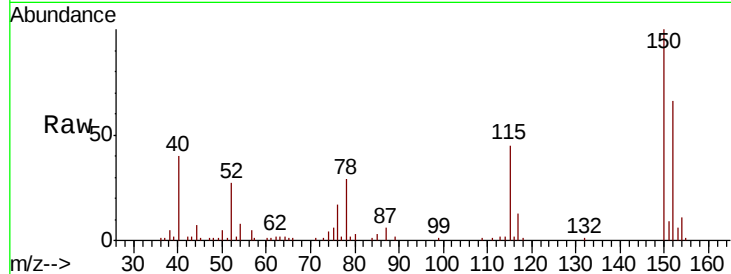


#1

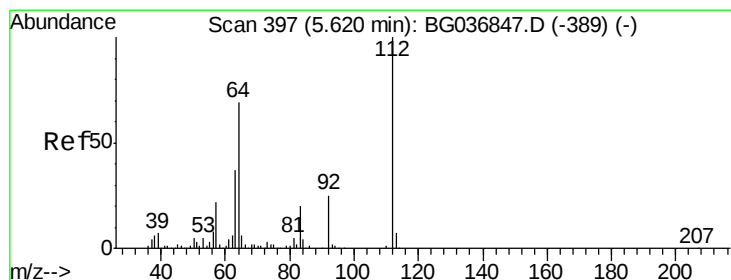
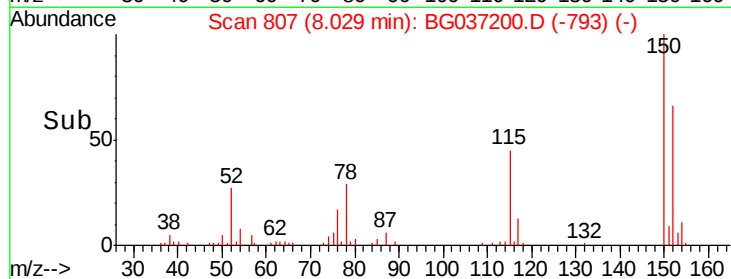
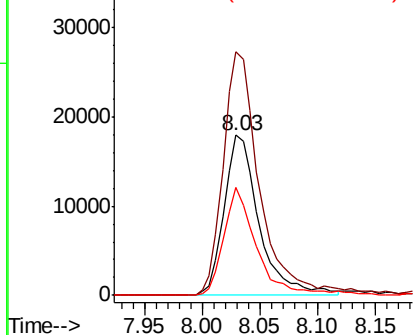
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.02 min
Lab File: BG037200.D
Acq: 5 Oct 2018 22:18

Instrument :
BNA_G
ClientSampleId :
OK-01-100318

Tgt Ion:152 Resp: 37691
Ion Ratio Lower Upper
152 100
150 151.9 119.5 179.3
115 67.6 44.5 66.7#



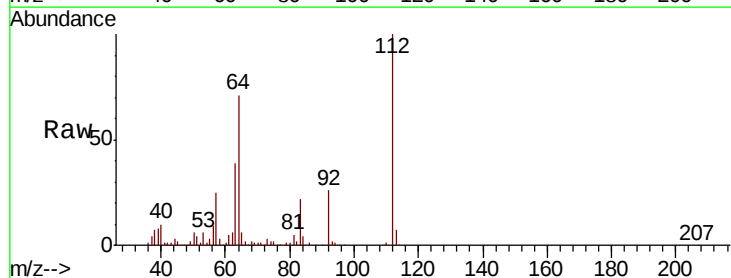
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



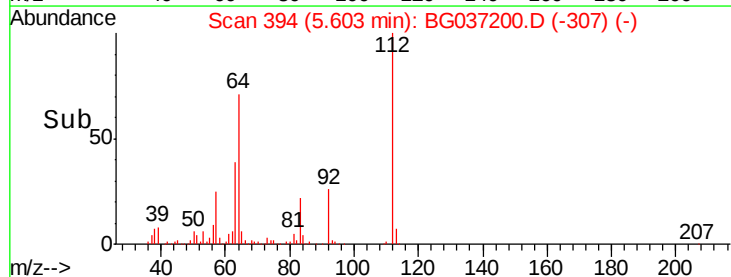
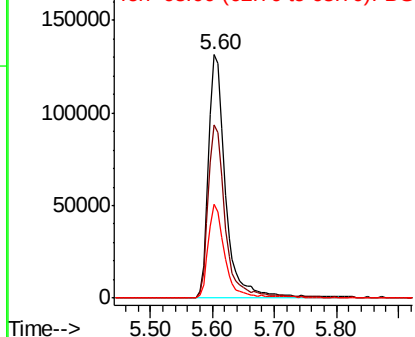
#5

2-Fluorophenol
Concen: 127.258 ng
RT: 5.60 min Scan# 394
Delta R.T. -0.02 min
Lab File: BG037200.D
Acq: 5 Oct 2018 22:18

Tgt Ion:112 Resp: 250105
Ion Ratio Lower Upper
112 100
64 71.2 57.2 85.8
63 38.7 30.8 46.2



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: 104.421 ng

RT: 7.20 min Scan# 665

Delta R.T. -0.02 min

Lab File: BG037200.D

Acq: 5 Oct 2018 22:18

Instrument :

BNA_G

ClientSampleId :

OK-01-100318

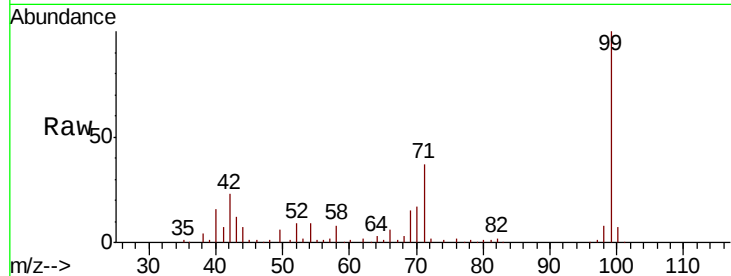
Tgt Ion: 99 Resp: 317514

Ion Ratio Lower Upper

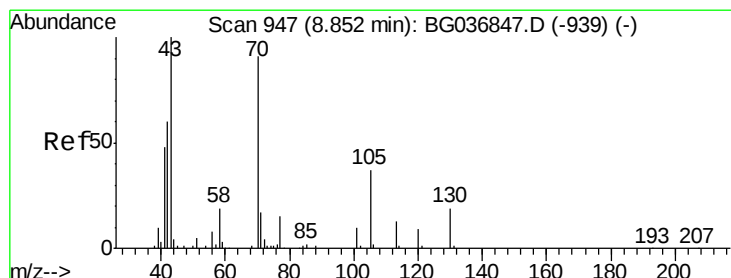
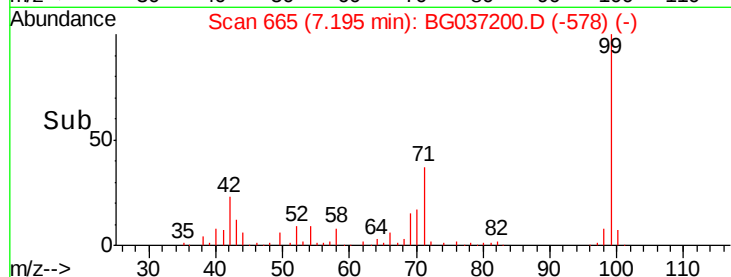
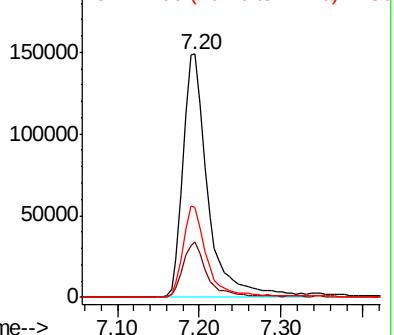
99 100

42 22.7 16.5 24.7

71 36.9 29.4 44.2



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.627 ng

RT: 9.19 min Scan# 1005

Delta R.T. 0.34 min

Lab File: BG037200.D

Acq: 5 Oct 2018 22:18

Tgt Ion: 70 Resp: 34470

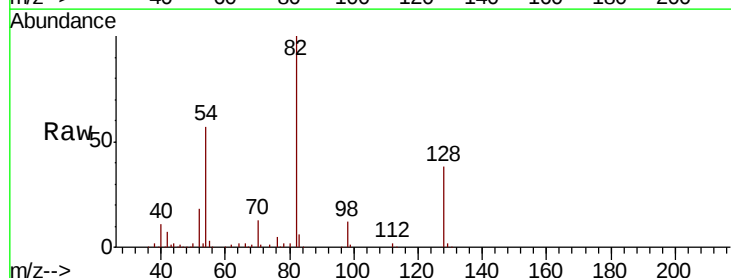
Ion Ratio Lower Upper

70 100

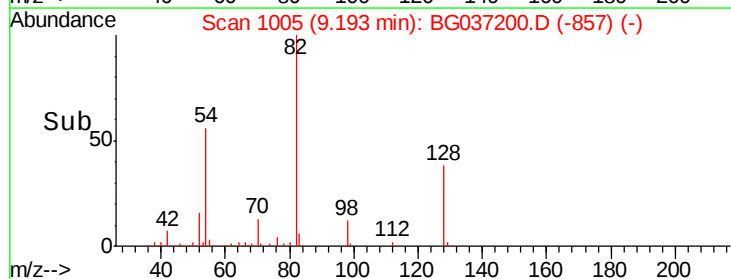
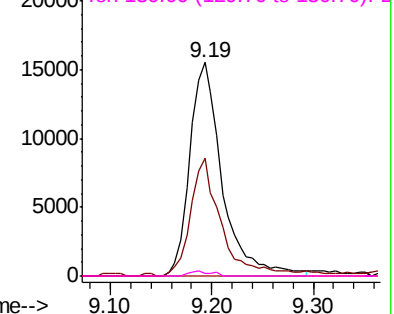
42 55.3 56.2 84.4#

101 0.0 7.8 11.6#

130 1.5 16.2 24.2#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

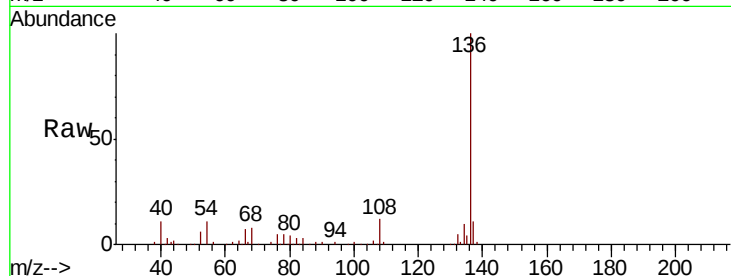




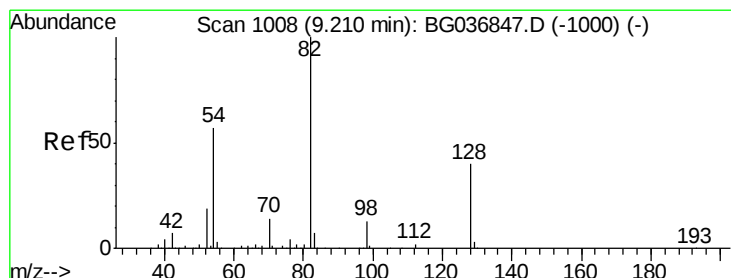
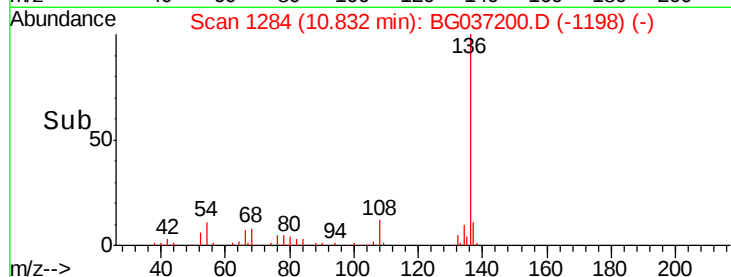
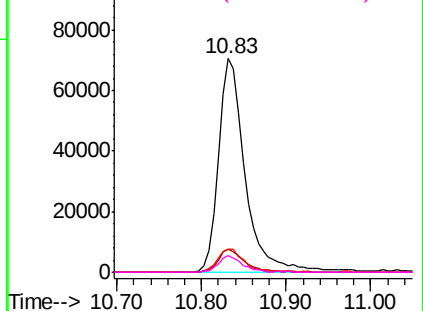
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BG037200.D
Acq: 5 Oct 2018 22:18

Instrument :
BNA_G
ClientSampleId :
OK-01-100318

Tgt Ion:	136	Resp:	155140
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	11.1	9.2	13.8
68	7.6	5.8	8.6

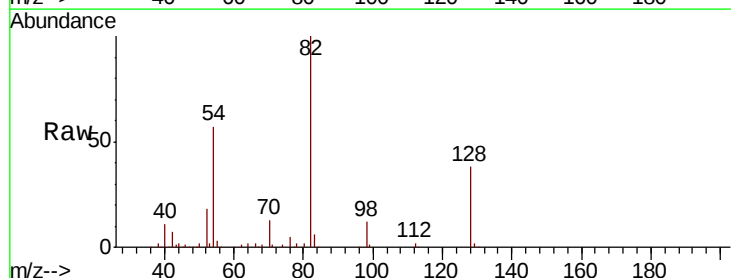


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

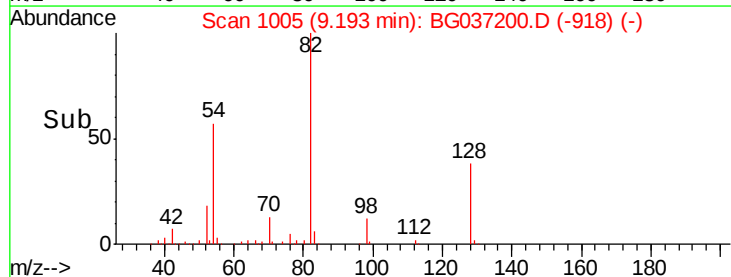
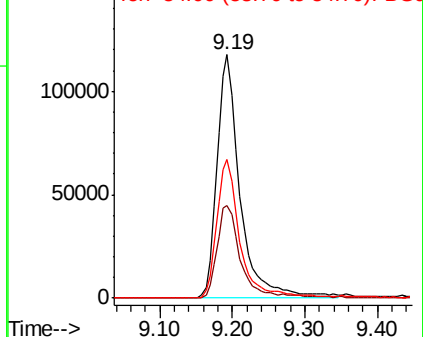


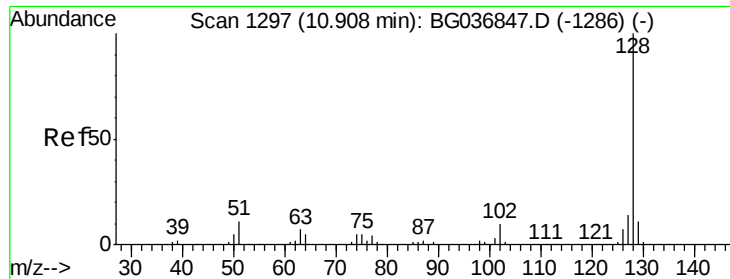
#23
Nitrobenzene-d5
Concen: 89.805 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BG037200.D
Acq: 5 Oct 2018 22:18

Tgt Ion:	82	Resp:	260169
Ion	Ratio	Lower	Upper
82	100		
128	38.1	33.3	49.9
54	56.7	45.1	67.7



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

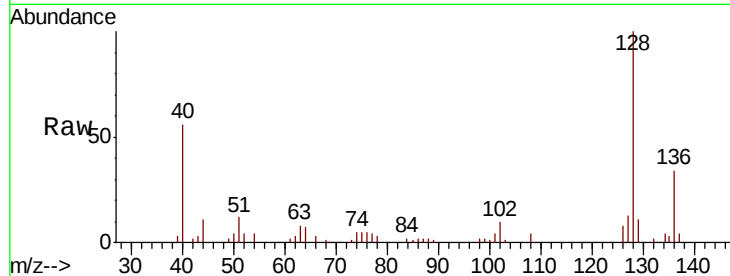




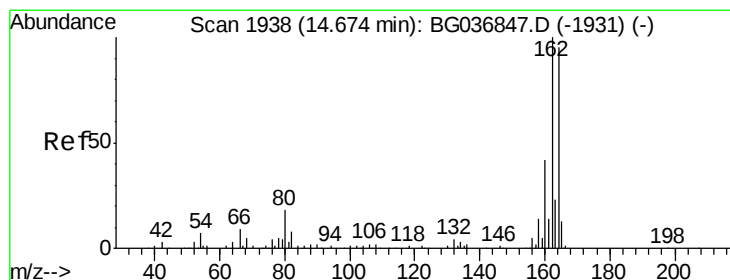
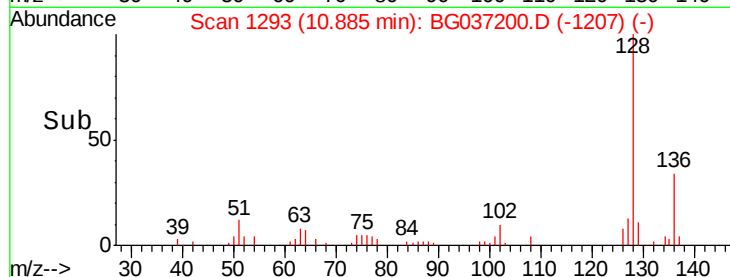
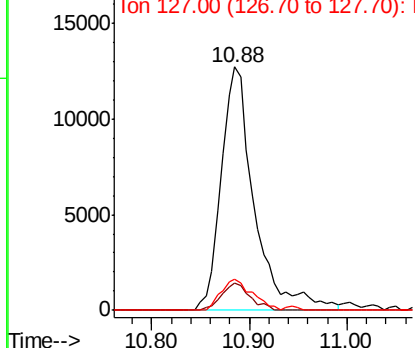
#31
Naphthalene
Concen: 4.062 ng
RT: 10.88 min Scan# 1293
Delta R.T. -0.02 min
Lab File: BG037200.D
Acq: 5 Oct 2018 22:18

Instrument :
BNA_G
ClientSampleId :
OK-01-100318

Tgt Ion:128 Resp: 29984
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.2
127 12.8 11.0 16.4

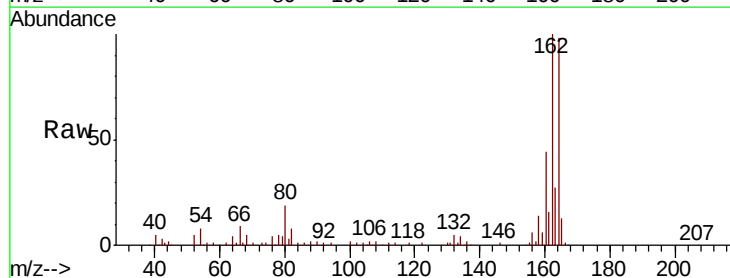


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

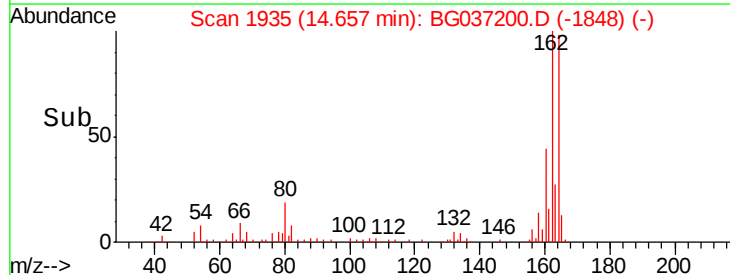
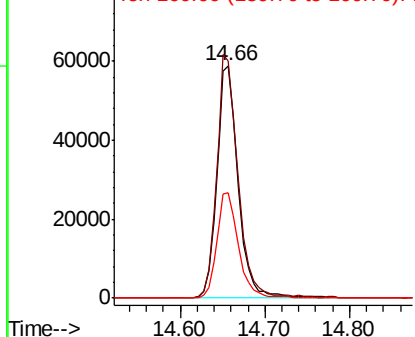


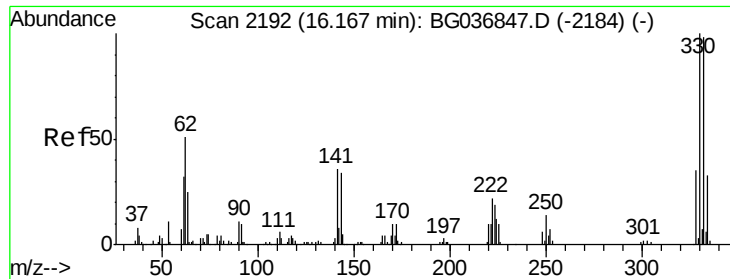
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1935
Delta R.T. -0.02 min
Lab File: BG037200.D
Acq: 5 Oct 2018 22:18

Tgt Ion:164 Resp: 103918
Ion Ratio Lower Upper
164 100
162 102.0 80.7 121.1
160 45.4 35.3 52.9



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

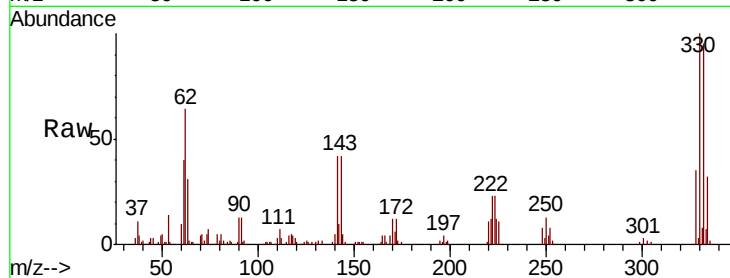




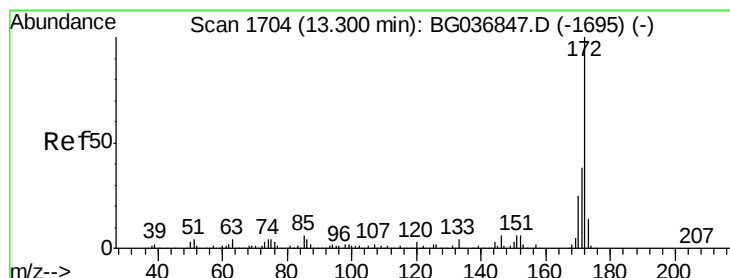
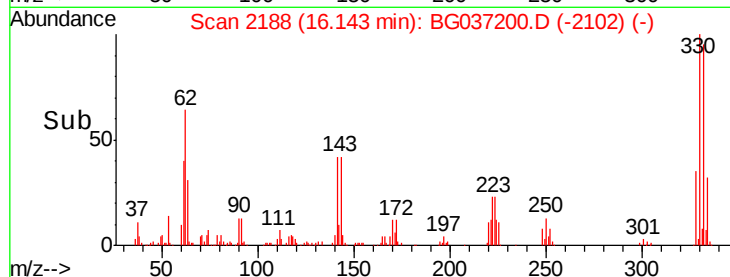
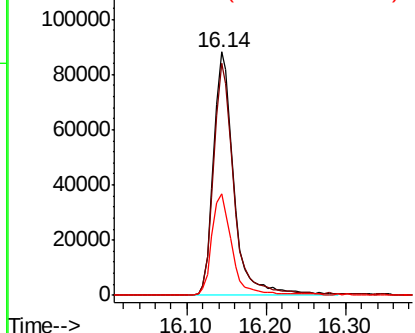
#41
 2,4,6-Tribromophenol
 Concen: 127.210 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. -0.02 min
 Lab File: BG037200.D
 Acq: 5 Oct 2018 22:18

Instrument :
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 ClientSampleId :
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Tgt Ion:330 Resp: 158162
 Ion Ratio Lower Upper
 330 100
 332 94.6 75.4 113.2
 141 41.2 30.7 46.1

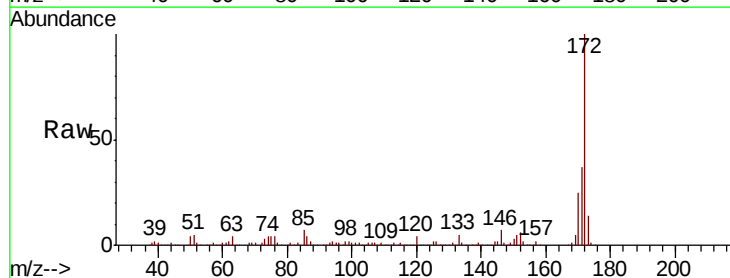


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

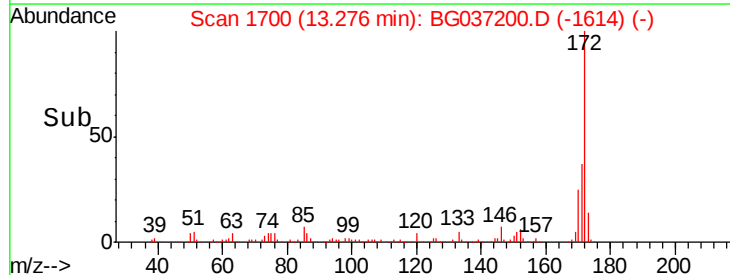
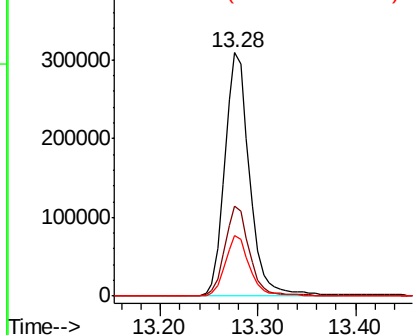


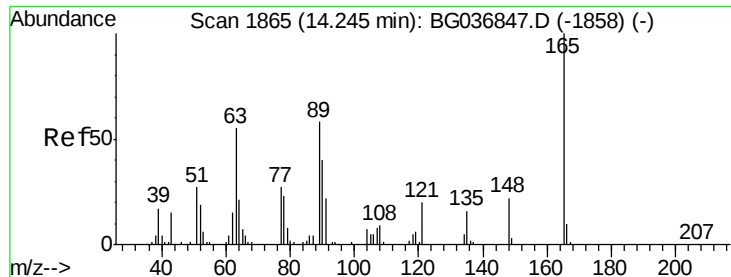
#44
 2-Fluorobiphenyl
 Concen: 78.497 ng
 RT: 13.28 min Scan# 1700
 Delta R.T. -0.02 min
 Lab File: BG037200.D
 Acq: 5 Oct 2018 22:18

Tgt Ion:172 Resp: 547690
 Ion Ratio Lower Upper
 172 100
 171 37.1 31.3 46.9
 170 25.1 21.0 31.6



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

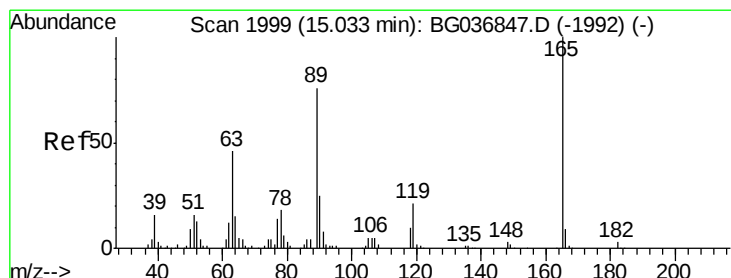
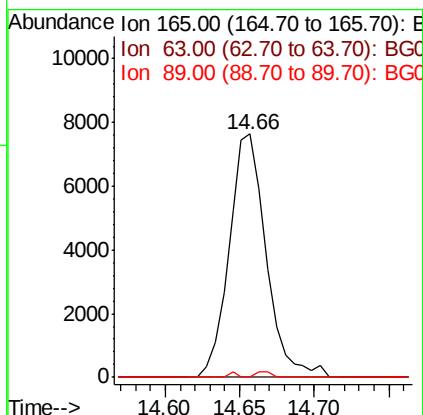
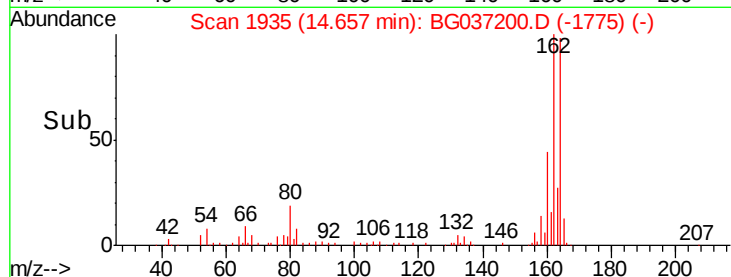
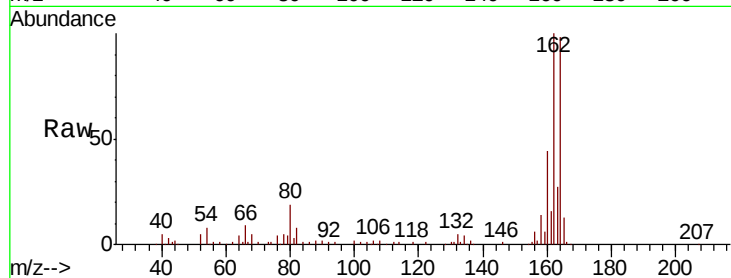




#50
2,6-Dinitrotoluene
Concen: 7.229 ng
RT: 14.66 min Scan# 1935
Delta R.T. 0.41 min
Lab File: BG037200.D
Acq: 5 Oct 2018 22:18

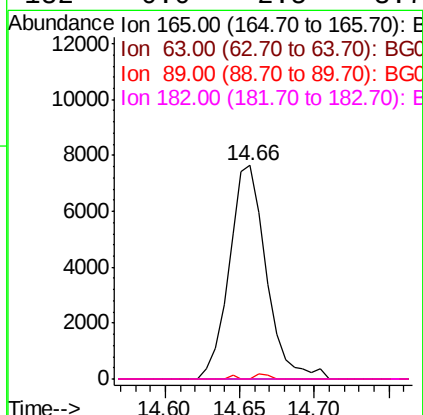
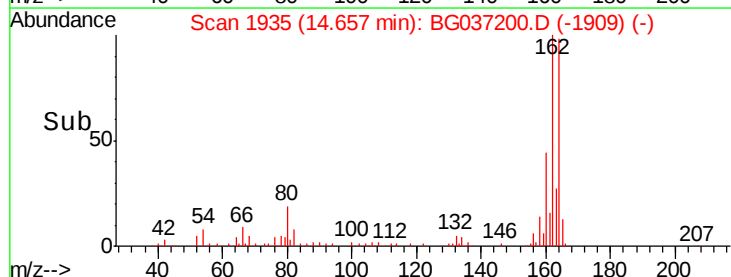
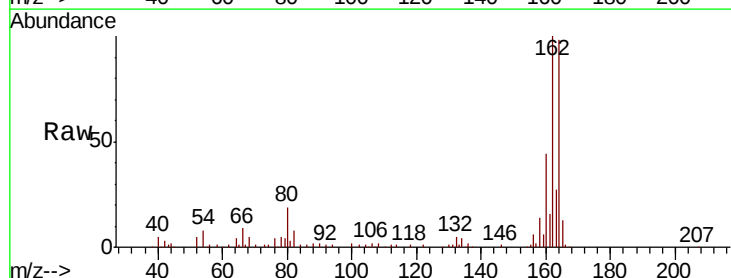
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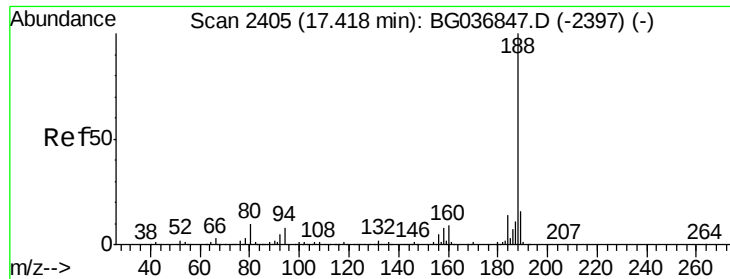
Tgt Ion:165 Resp: 13194
Ion Ratio Lower Upper
165 100
63 0.0 50.1 75.1#
89 0.0 47.8 71.6#



#56
2,4-Dinitrotoluene
Concen: 5.181 ng
RT: 14.66 min Scan# 1935
Delta R.T. -0.38 min
Lab File: BG037200.D
Acq: 5 Oct 2018 22:18

Tgt Ion:165 Resp: 13194
Ion Ratio Lower Upper
165 100
63 0.0 40.1 60.1#
89 0.0 63.7 95.5#
182 0.0 2.5 3.7#

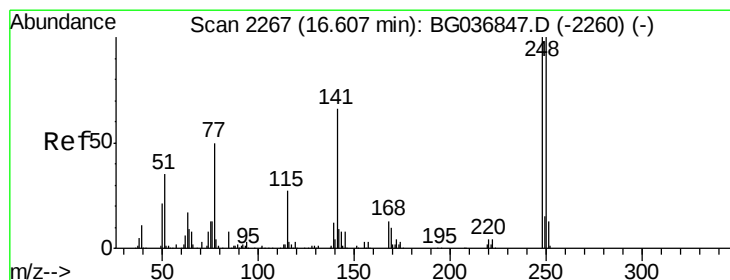
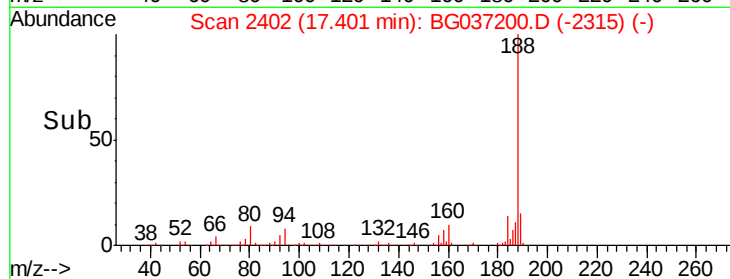
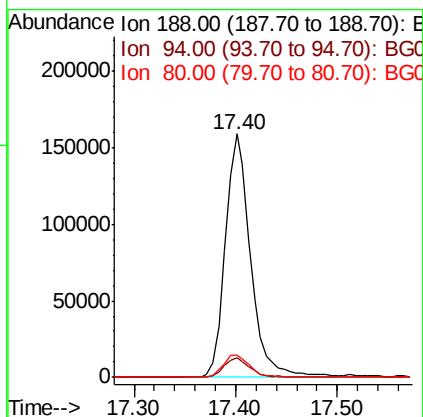
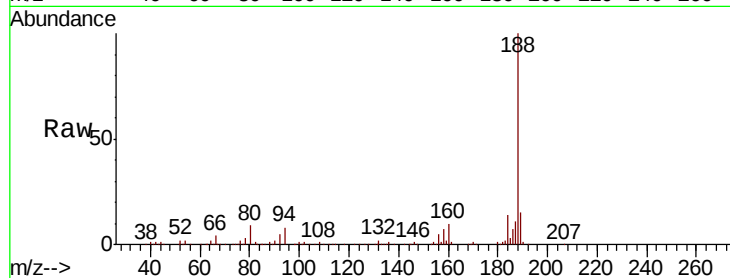




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.40 min Scan# 2402
 Delta R.T. -0.02 min
 Lab File: BG037200.D
 Acq: 5 Oct 2018 22:18

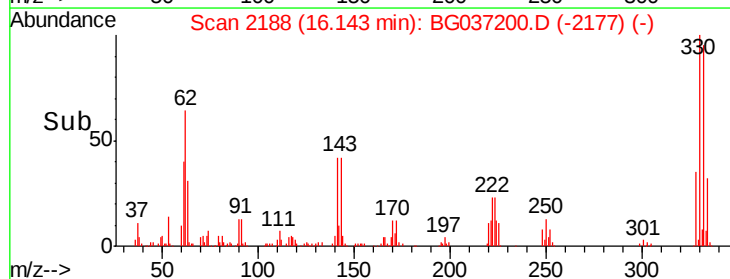
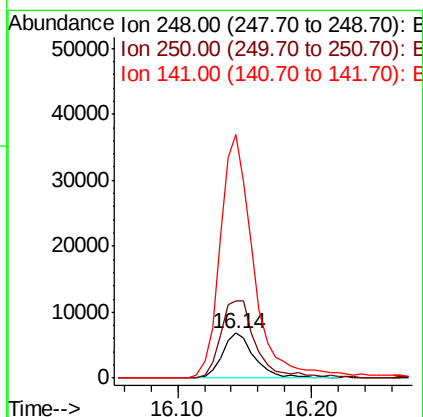
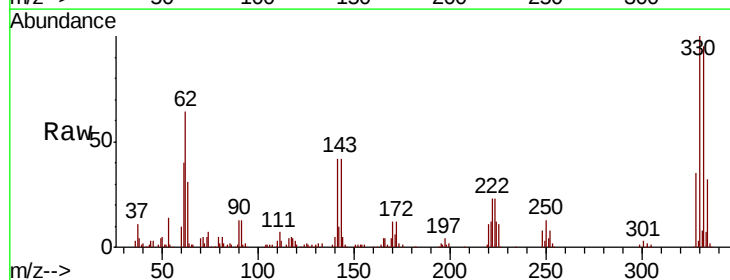
Instrument :
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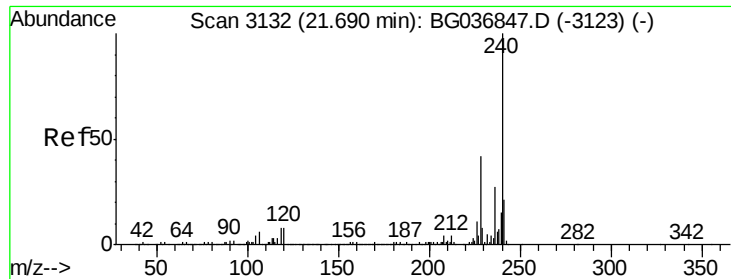
Tgt Ion:188 Resp: 275069
 Ion Ratio Lower Upper
 188 100
 94 8.1 6.7 10.1
 80 8.9 8.1 12.1



#66
 4-Bromophenyl-phenylether
 Concen: 3.673 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. -0.46 min
 Lab File: BG037200.D
 Acq: 5 Oct 2018 22:18

Tgt Ion:248 Resp: 11492
 Ion Ratio Lower Upper
 248 100
 250 173.9 78.1 117.1#
 141 544.1 53.7 80.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3128

Delta R.T. -0.02 min

Lab File: BG037200.D

Acq: 5 Oct 2018 22:18

Instrument :

BNA_G

ClientSampleId :

OK-01-100318

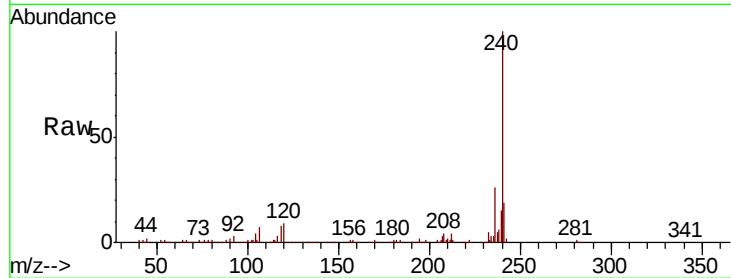
Tgt Ion:240 Resp: 285008

Ion Ratio Lower Upper

240 100

120 9.1 6.9 10.3

236 25.8 21.2 31.8

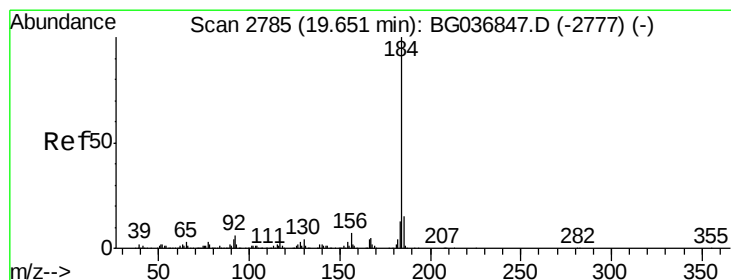
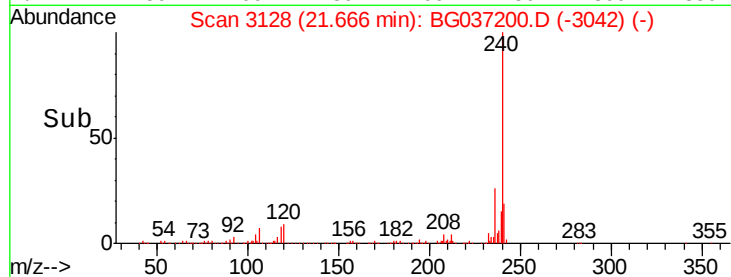
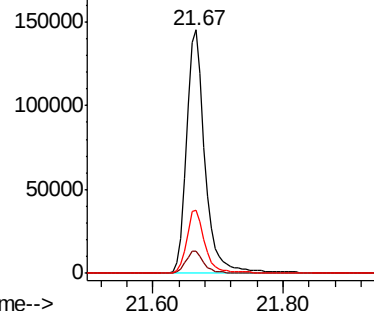


Abundance

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: 2.152 ng

RT: 20.01 min Scan# 2846

Delta R.T. 0.36 min

Lab File: BG037200.D

Acq: 5 Oct 2018 22:18

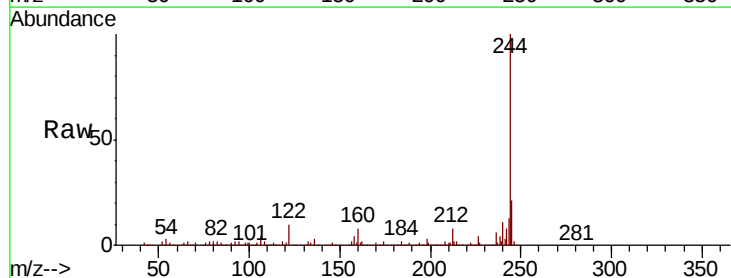
Tgt Ion:184 Resp: 18543

Ion Ratio Lower Upper

184 100

185 17.7 12.6 18.8

183 11.0 10.9 16.3

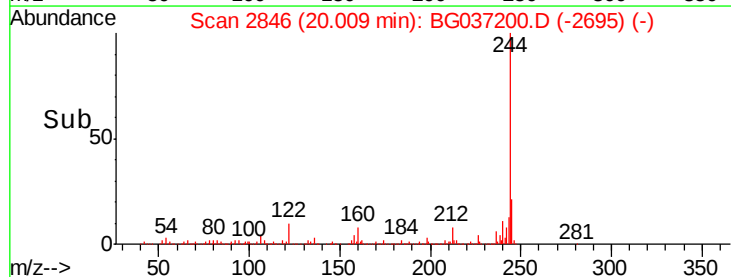
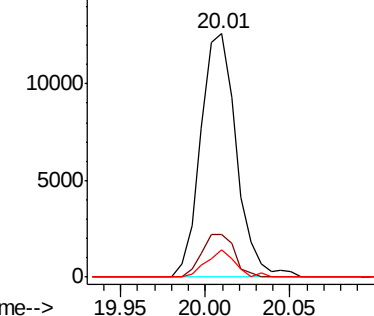


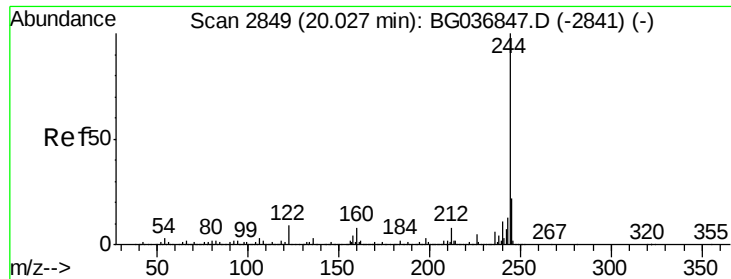
Abundance

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: 96.115 ng

RT: 20.01 min Scan# 2846

Delta R.T. -0.02 min

Lab File: BG037200.D

Acq: 5 Oct 2018 22:18

Instrument :

BNA_G

ClientSampleId :

OK-01-100318

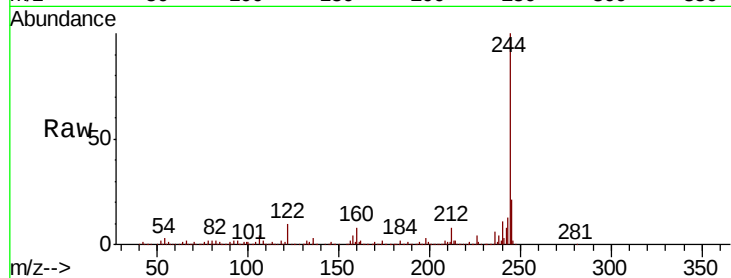
Tgt Ion:244 Resp: 1041785

Ion Ratio Lower Upper

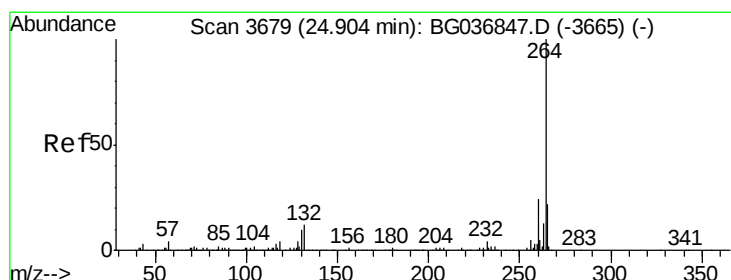
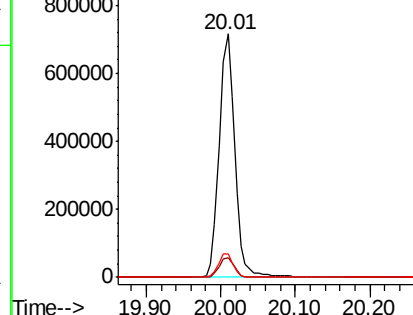
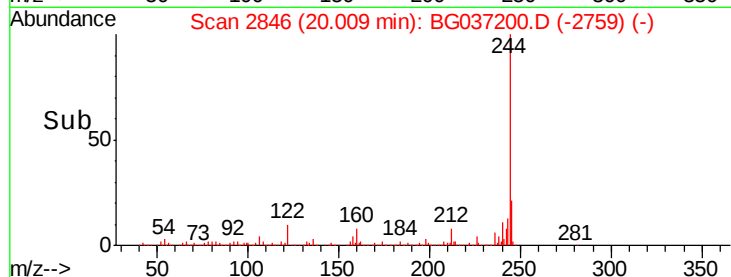
244 100

212 8.3 7.0 10.6

122 9.5 7.1 10.7



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. -0.05 min

Lab File: BG037200.D

Acq: 5 Oct 2018 22:18

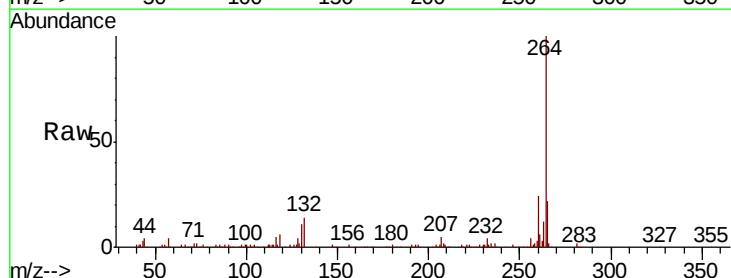
Tgt Ion:264 Resp: 267303

Ion Ratio Lower Upper

264 100

260 24.3 19.6 29.4

265 21.8 17.4 26.0



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

