

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG070218\
 Data File : BG035584.D
 Acq On : 3 Jul 2018 13:13
 Operator : JU/SJ
 Sample : J3804-02
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-01

Quant Time: Jul 03 14:08:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

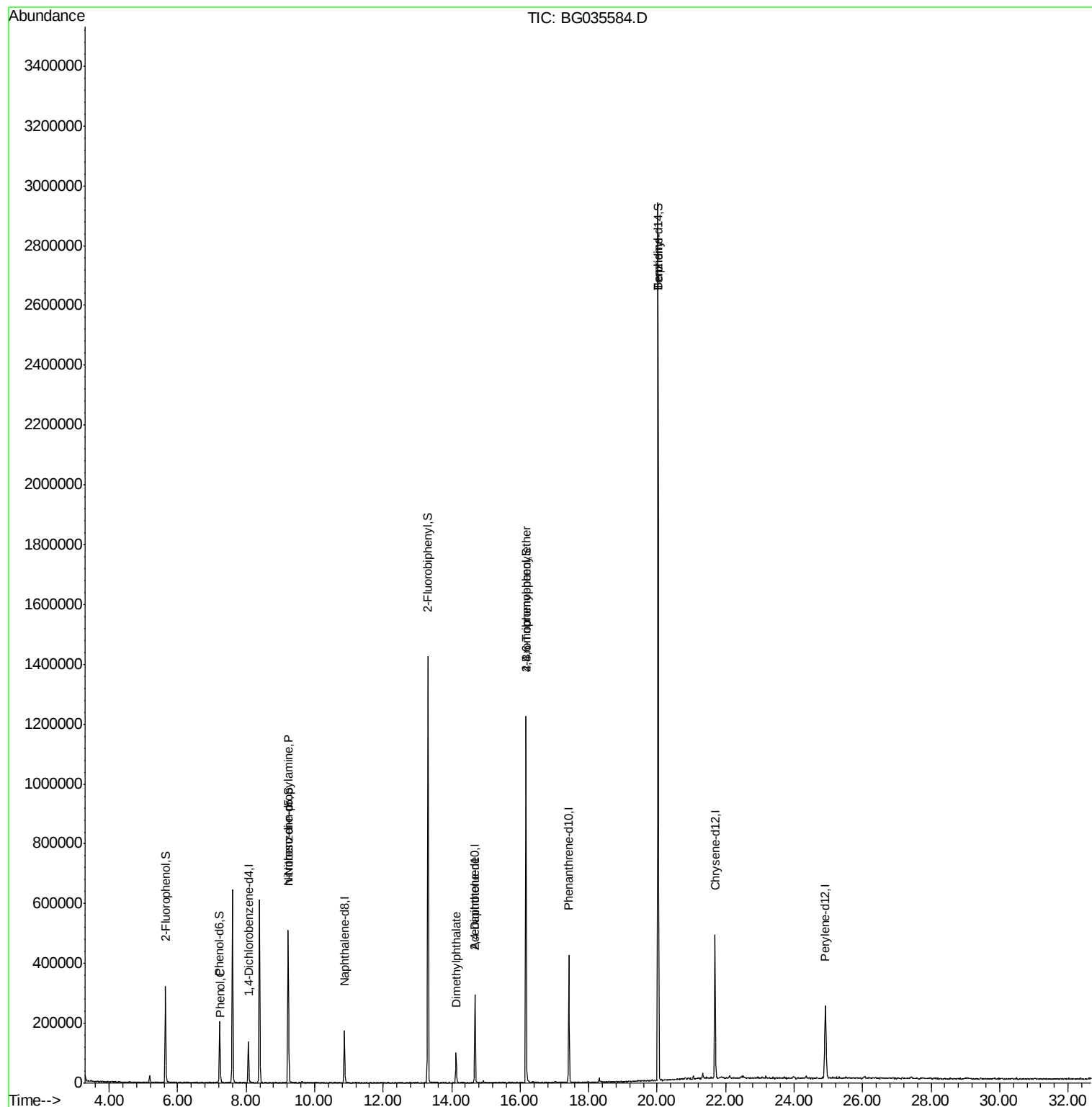
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	38702	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	142438	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	102194	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	267397	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	299203	20.00	ng	-0.03
86) Perylene-d12	24.91	264	285112	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	143285	62.48	ng	0.00
7) Phenol-d6	7.23	99	127019	37.53	ng	0.00
23) Nitrobenzene-d5	9.23	82	337614	112.67	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	229469	175.41	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	776950	98.83	ng	-0.02
78) Terphenyl-d14	20.03	244	1485068	103.97	ng	-0.02
Target Compounds						
10) Phenol	7.25	94	9457	2.700	ng	84
19) n-Nitroso-di-n-propylamine	9.22	70	49479	17.206	ng	# 65
49) Dimethylphthalate	14.13	163	65594	7.360	ng	97
56) 2,4-Dinitrotoluene	14.68	165	13171	6.099	ng	# 16
66) 4-Bromophenyl-phenylether	16.17	248	17745	5.511	ng	# 1
76) Benzidine	20.03	184	25580	2.298	ng	# 91

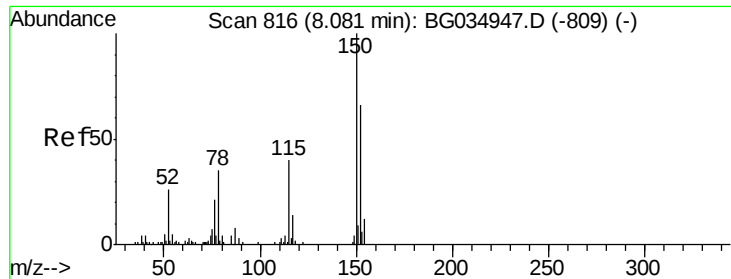
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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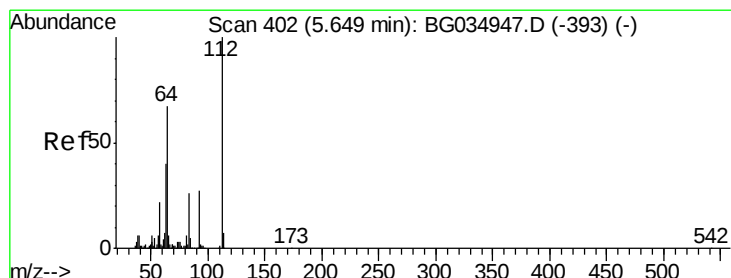
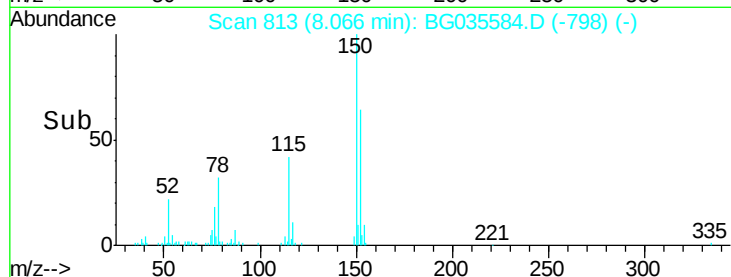
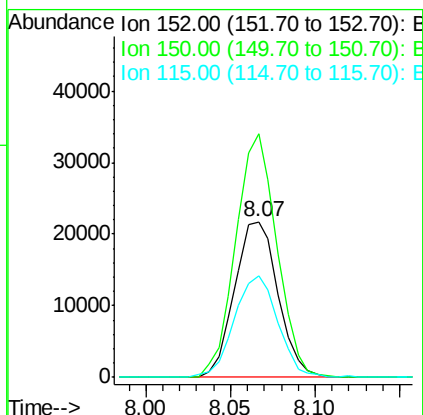
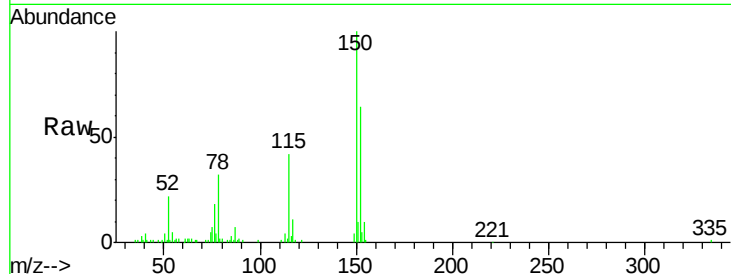


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035584.D
Acq: 3 Jul 2018 13:13

Instrument :
BNA_G
ClientSampleId :
MW-01

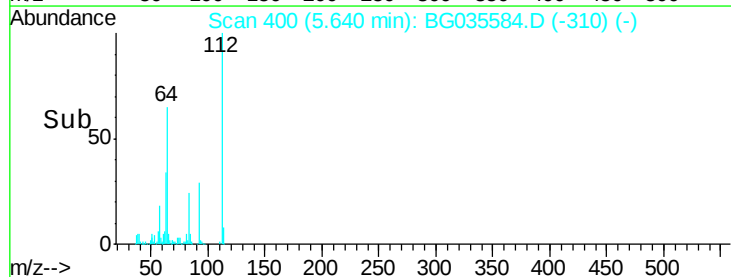
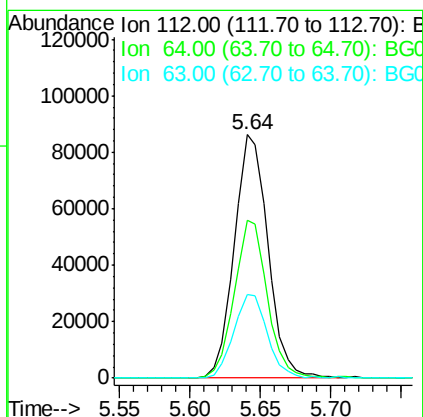
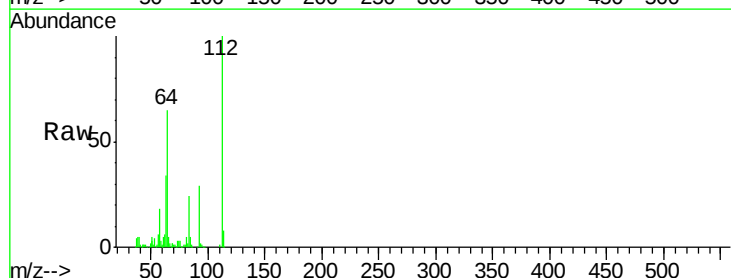
Tgt Ion:152 Resp: 38702
Ion Ratio Lower Upper
152 100
150 156.7 126.6 189.8
115 65.1 53.0 79.4

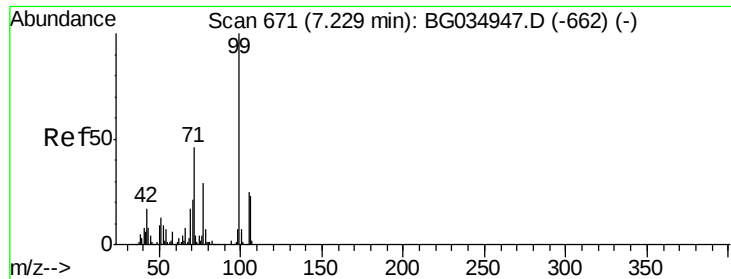


#5

2-Fluorophenol
Concen: 62.480 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.00 min
Lab File: BG035584.D
Acq: 3 Jul 2018 13:13

Tgt Ion:112 Resp: 143285
Ion Ratio Lower Upper
112 100
64 64.7 56.3 84.5
63 34.4 30.1 45.1





#7

Phenol-d6

Concen: 37.526 ng

RT: 7.23 min Scan# 670

Delta R.T. 0.00 min

Lab File: BG035584.D

Acq: 3 Jul 2018 13:13

Instrument :

BNA_G

ClientSampleId :

MW-01

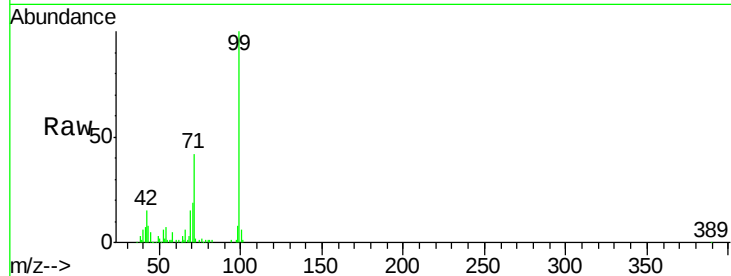
Tgt Ion: 99 Resp: 127019

Ion Ratio Lower Upper

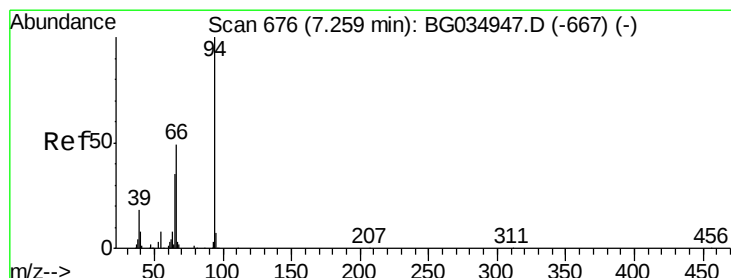
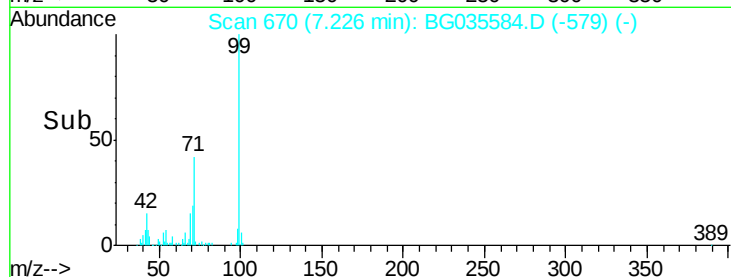
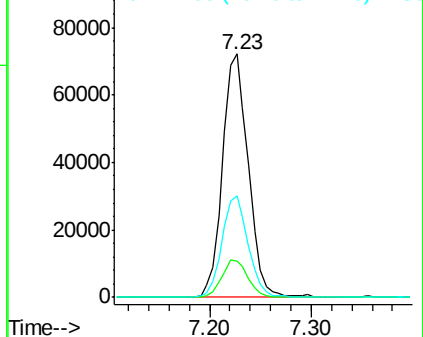
99 100

42 14.8 14.1 21.1

71 41.5 26.1 39.1#



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



#10

Phenol

Concen: 2.700 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG035584.D

Acq: 3 Jul 2018 13:13

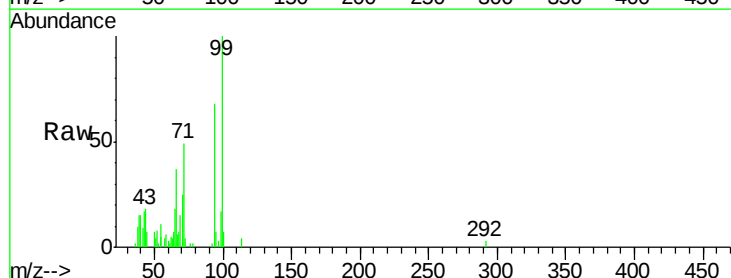
Tgt Ion: 94 Resp: 9457

Ion Ratio Lower Upper

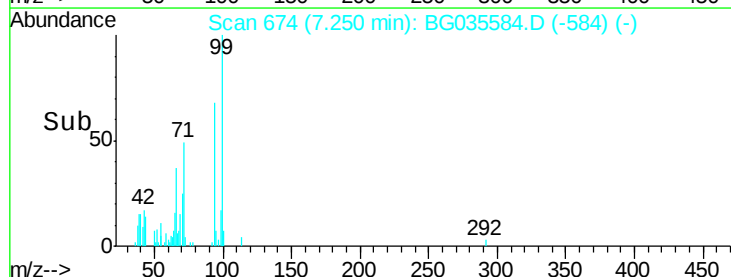
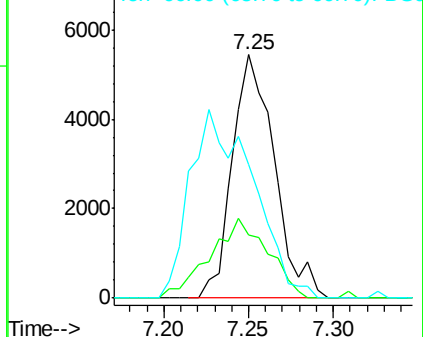
94 100

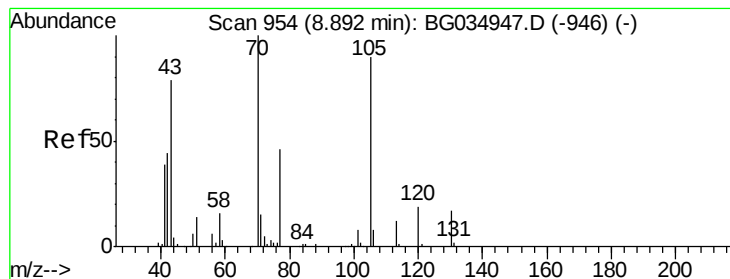
65 26.1 11.9 51.9

66 54.7 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#19

n-Nitroso-di-n-propylamine

Concen: 17.206 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.34 min

Lab File: BG035584.D

Acq: 3 Jul 2018 13:13

Instrument :

BNA_G

ClientSampleId :

MW-01

Tgt Ion: 70 Resp: 49479

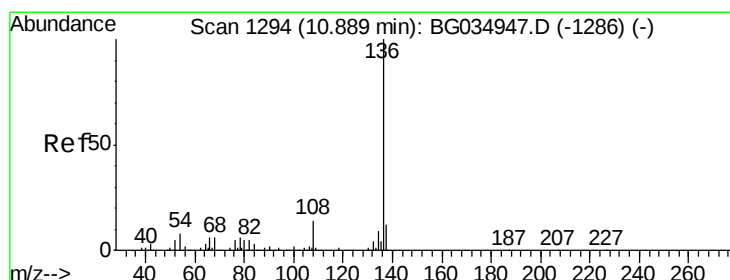
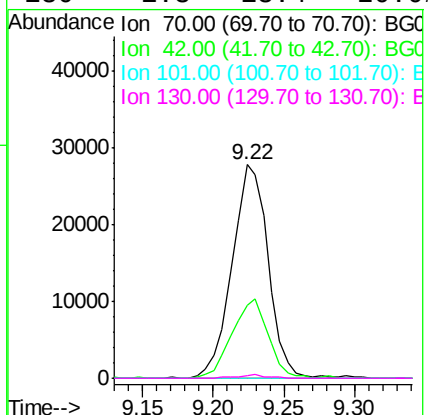
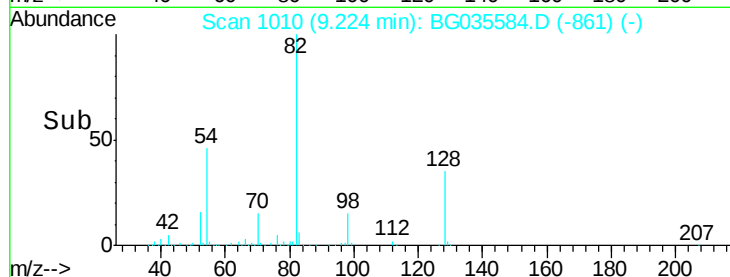
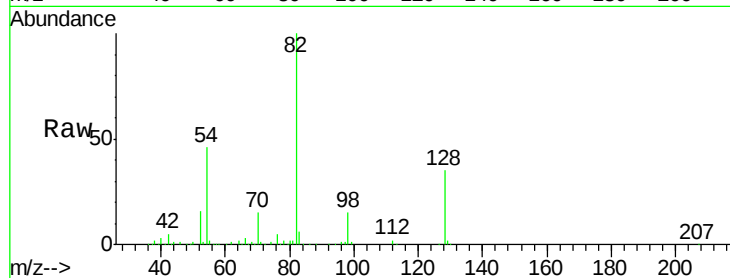
Ion Ratio Lower Upper

70 100

42 34.3 49.1 73.7#

101 0.0 8.5 12.7#

130 1.3 13.4 20.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BG035584.D

Acq: 3 Jul 2018 13:13

Tgt Ion: 136 Resp: 142438

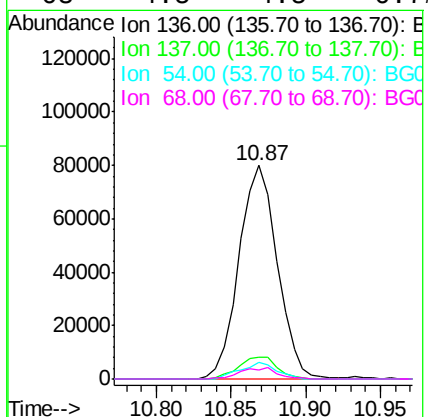
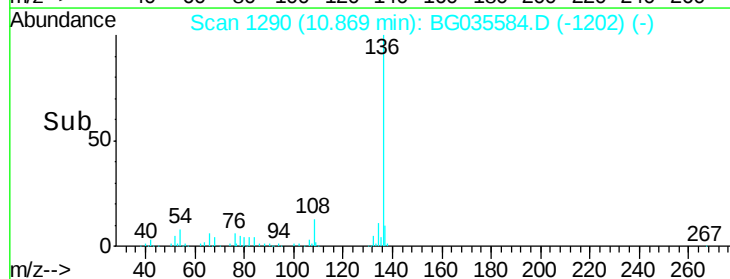
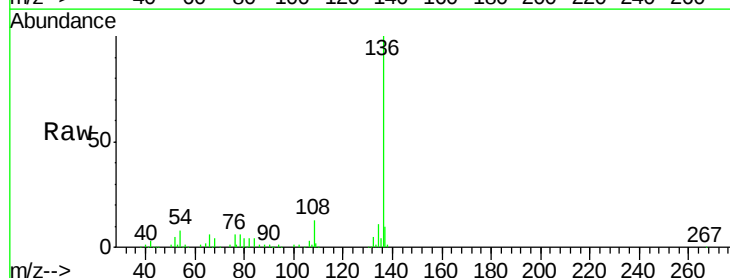
Ion Ratio Lower Upper

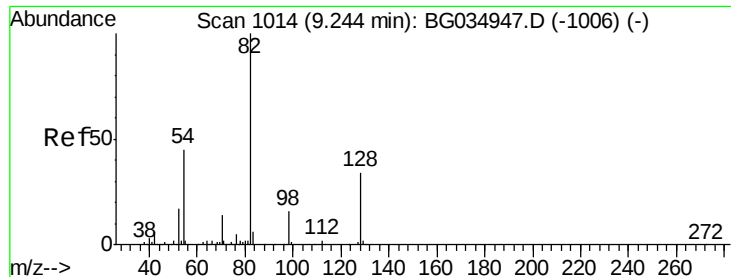
136 100

137 10.4 9.2 13.8

54 7.8 10.3 15.5#

68 4.5 4.5 6.7#

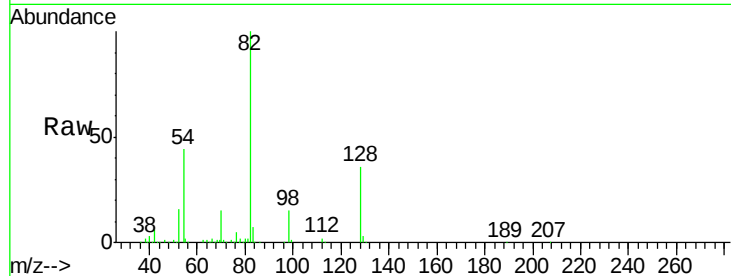




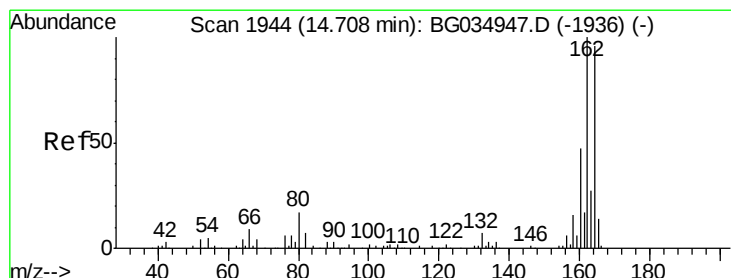
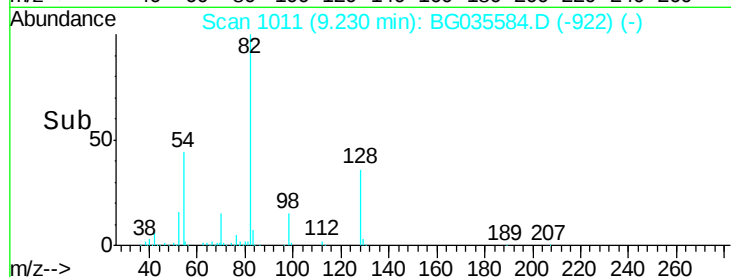
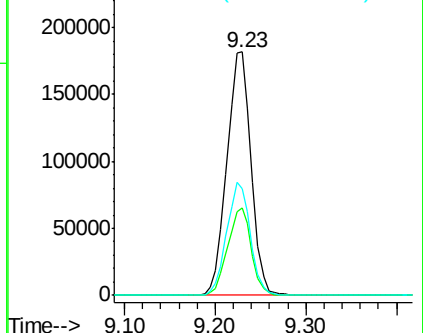
#23
 Nitrobenzene-d5
 Concen: 112.668 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BG035584.D
 Acq: 3 Jul 2018 13:13

Instrument :
 BNA_G
 ClientSampleId :
 MW-01

Tgt Ion: 82 Resp: 337614
 Ion Ratio Lower Upper
 82 100
 128 35.7 29.7 44.5
 54 44.0 43.1 64.7

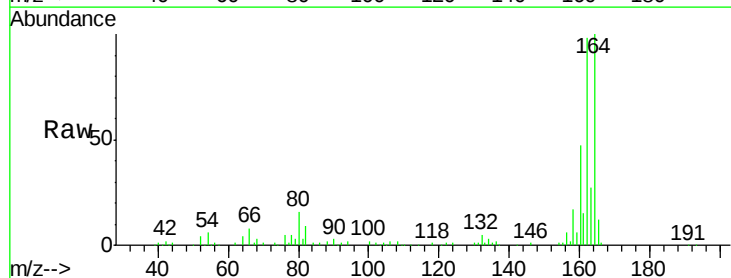


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

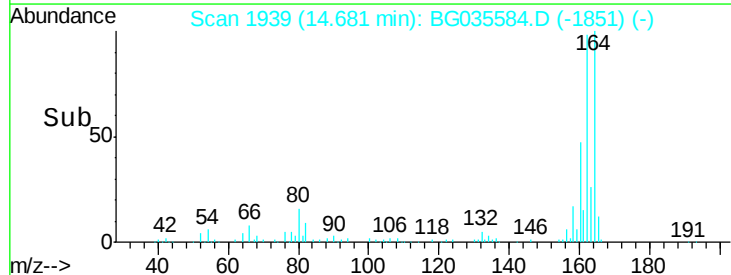
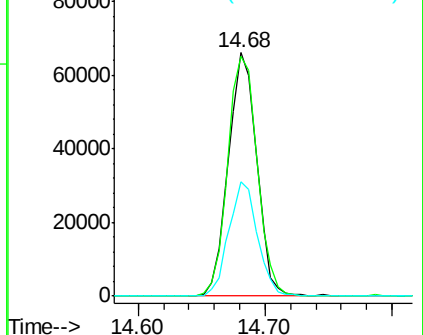


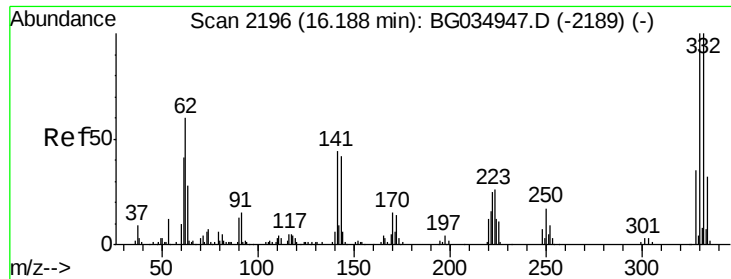
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.02 min
 Lab File: BG035584.D
 Acq: 3 Jul 2018 13:13

Tgt Ion: 164 Resp: 102194
 Ion Ratio Lower Upper
 164 100
 162 98.5 78.8 118.2
 160 47.0 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

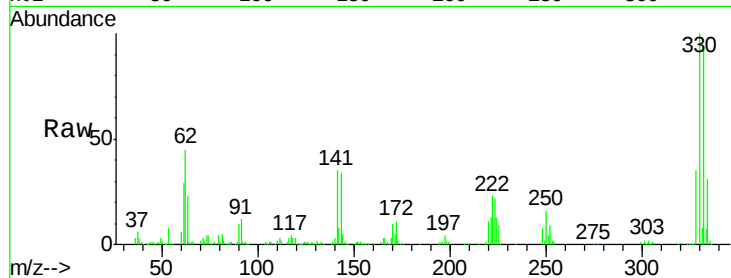




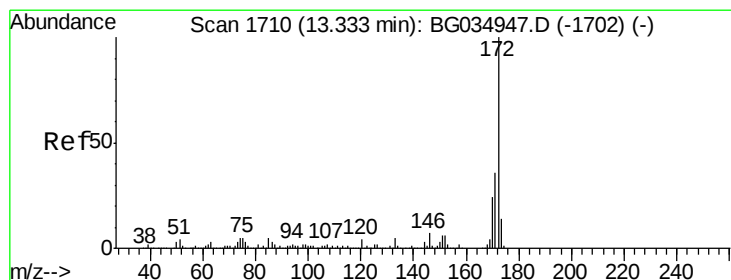
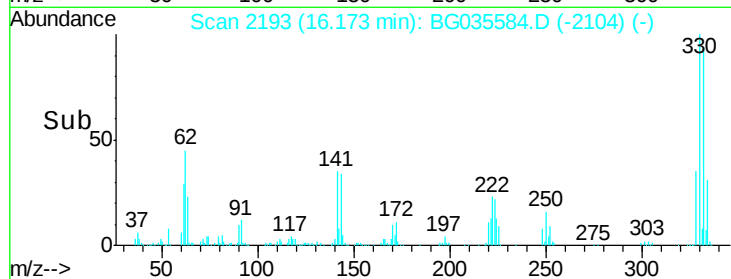
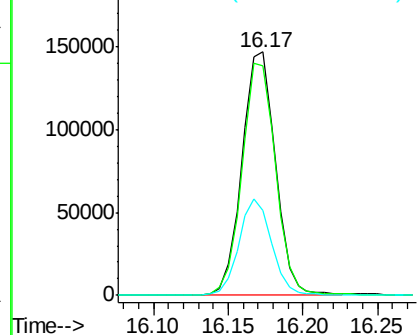
#41
 2,4,6-Tribromophenol
 Concen: 175.406 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035584.D
 Acq: 3 Jul 2018 13:13

Instrument :
 BNA_G
 ClientSampleId :
 MW-01

Tgt Ion:330 Resp: 229469
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 39.1 25.2 37.8#

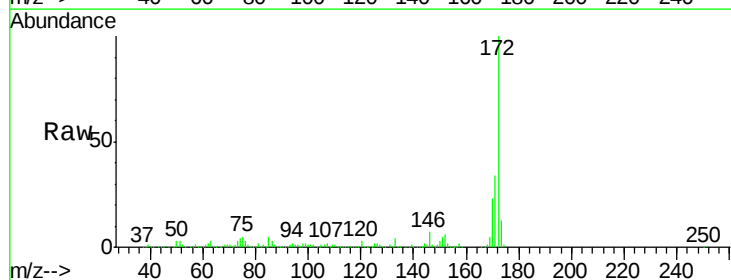


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

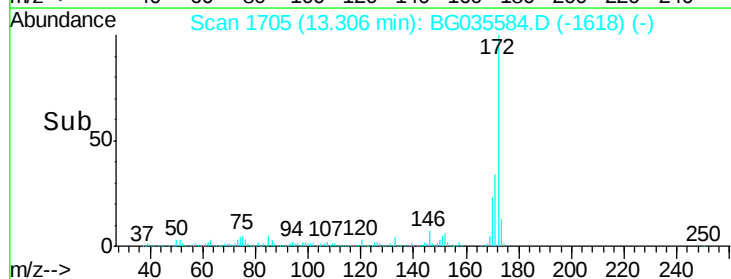
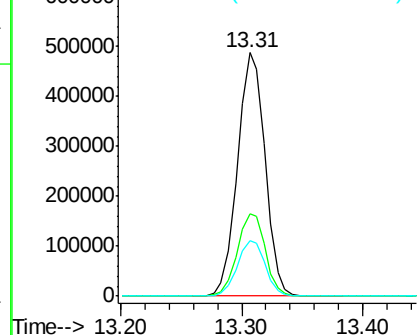


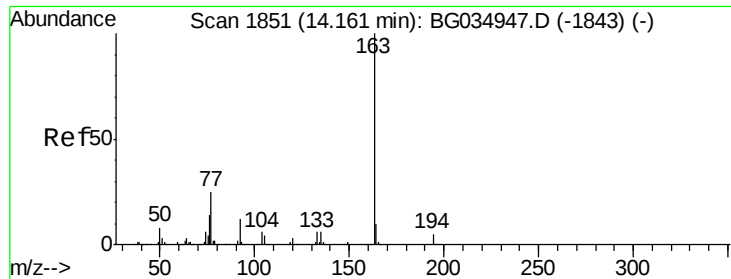
#44
 2-Fluorobiphenyl
 Concen: 98.835 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.02 min
 Lab File: BG035584.D
 Acq: 3 Jul 2018 13:13

Tgt Ion:172 Resp: 776950
 Ion Ratio Lower Upper
 172 100
 171 33.8 30.0 45.0
 170 22.7 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

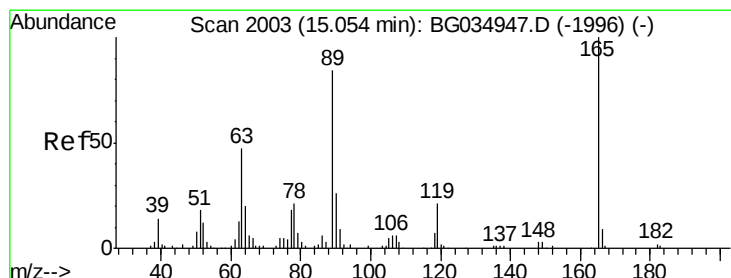
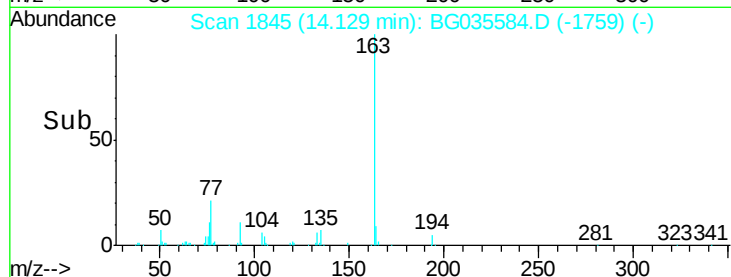
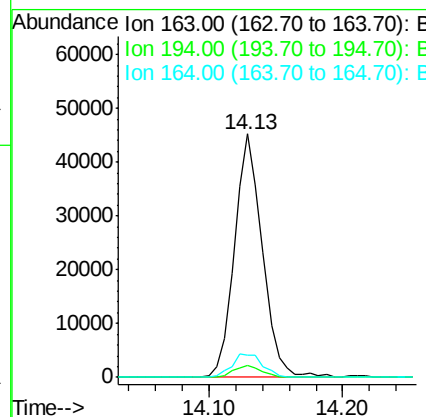
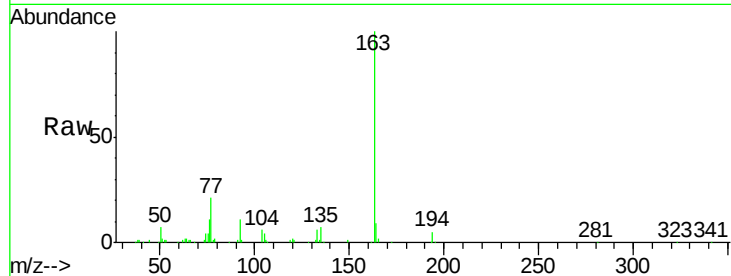




#49
Dimethylphthalate
Concen: 7.360 ng
RT: 14.13 min Scan# 1845
Delta R.T. -0.03 min
Lab File: BG035584.D
Acq: 3 Jul 2018 13:13

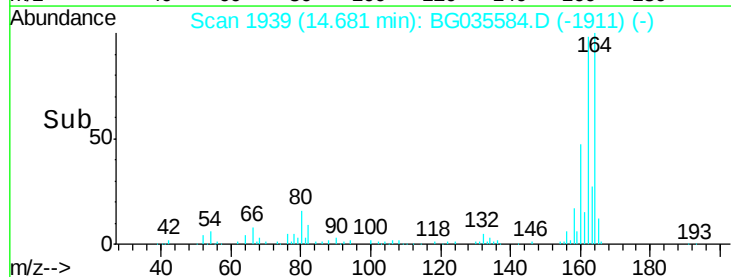
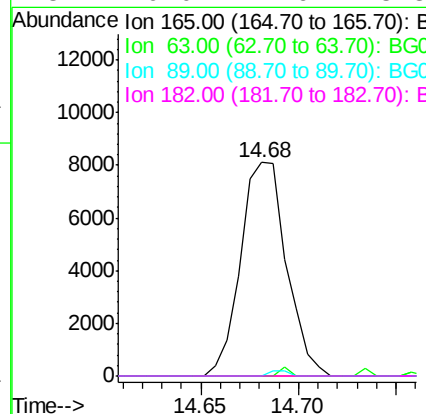
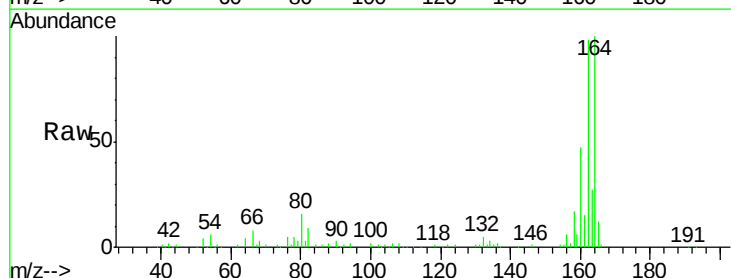
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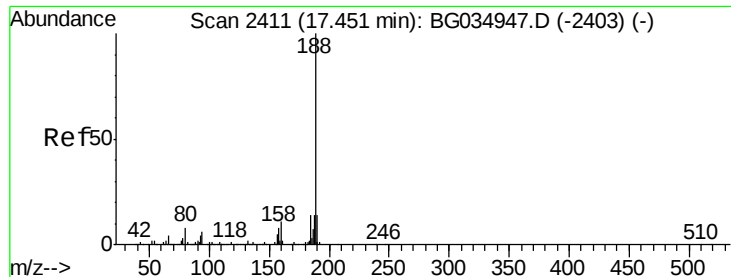
Tgt Ion:163 Resp: 65594
Ion Ratio Lower Upper
163 100
194 5.0 3.4 5.2
164 9.2 8.2 12.4



#56
2,4-Dinitrotoluene
Concen: 6.099 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.37 min
Lab File: BG035584.D
Acq: 3 Jul 2018 13:13

Tgt Ion:165 Resp: 13171
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: 17.42 min Scan# 2406

Delta R.T. -0.02 min

Lab File: BG035584.D

Acq: 3 Jul 2018 13:13

Instrument :

BNA_G

ClientSampleId :

MW-01

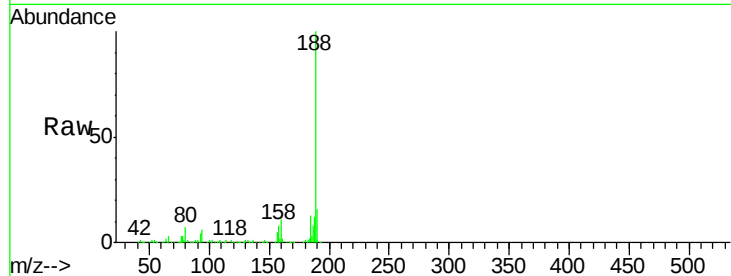
Tgt Ion:188 Resp: 267397

Ion Ratio Lower Upper

188 100

94 6.0 6.9 10.3#

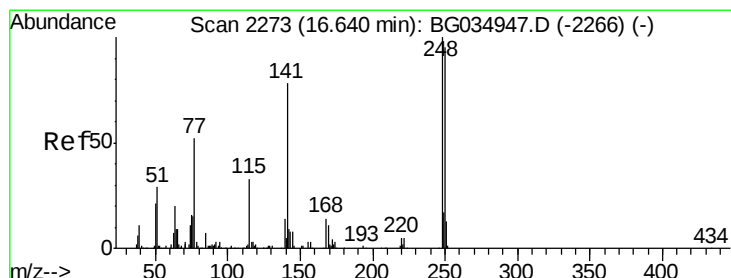
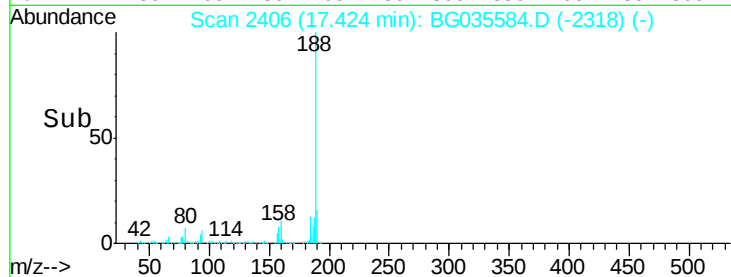
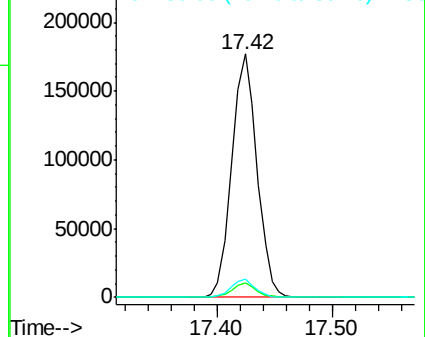
80 7.4 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#66

4-Bromophenyl-phenylether

Concen: 5.511 ng

RT: 16.17 min Scan# 2193

Delta R.T. -0.46 min

Lab File: BG035584.D

Acq: 3 Jul 2018 13:13

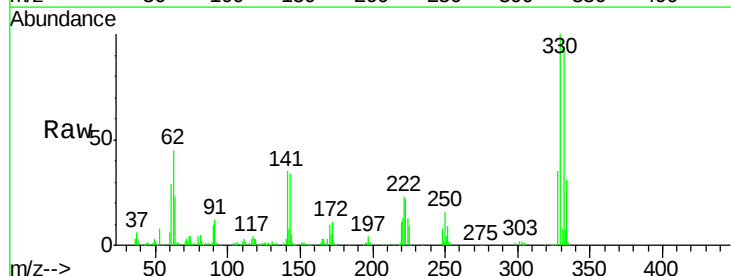
Tgt Ion:248 Resp: 17745

Ion Ratio Lower Upper

248 100

250 200.2 77.1 115.7#

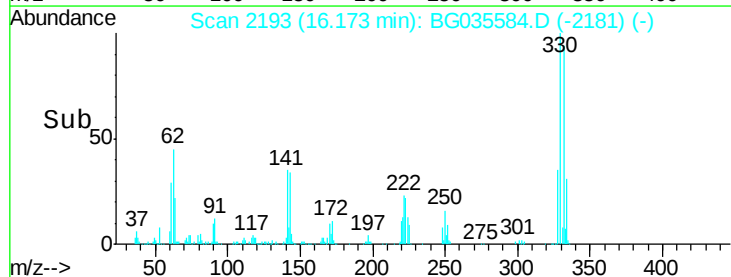
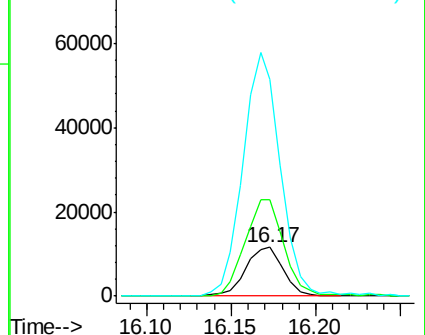
141 448.1 50.8 76.2#

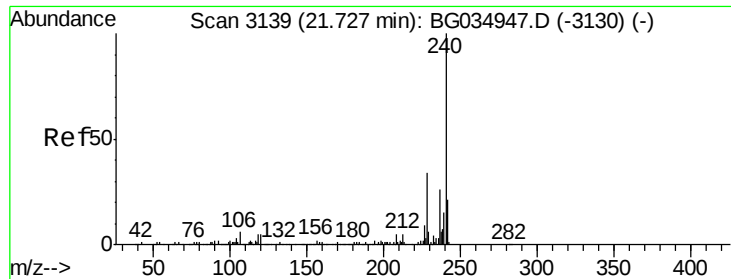


Abundance Ion 248.00 (247.70 to 248.70): E

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: 21.69 min Scan# 3132

Delta R.T. -0.03 min

Lab File: BG035584.D

Acq: 3 Jul 2018 13:13

Instrument :

BNA_G

ClientSampleId :

MW-01

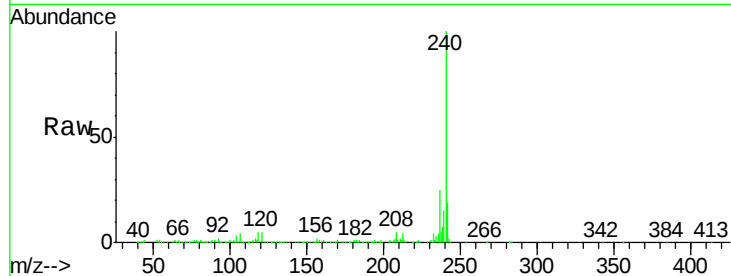
Tgt Ion:240 Resp: 299203

Ion Ratio Lower Upper

240 100

120 5.1 6.8 10.2#

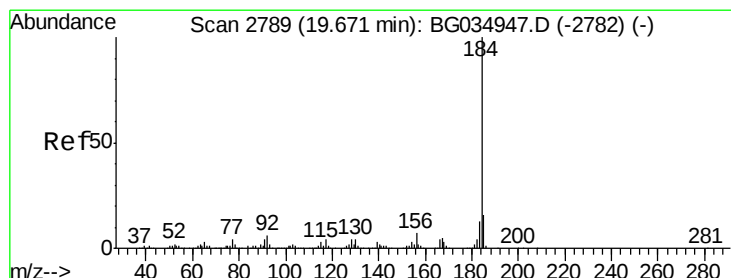
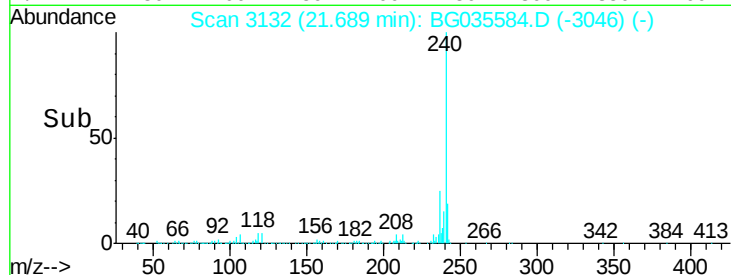
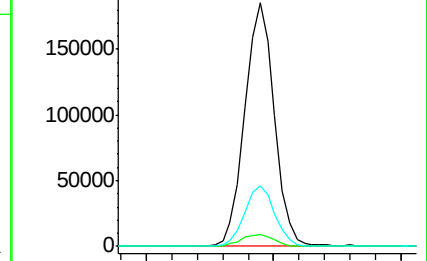
236 25.1 20.9 31.3



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: 2.298 ng

RT: 20.03 min Scan# 2850

Delta R.T. 0.37 min

Lab File: BG035584.D

Acq: 3 Jul 2018 13:13

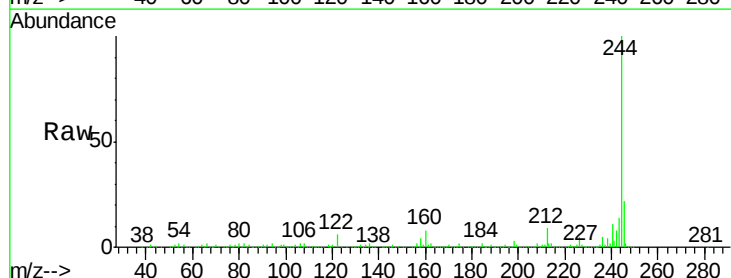
Tgt Ion:184 Resp: 25580

Ion Ratio Lower Upper

184 100

185 17.1 11.1 16.7#

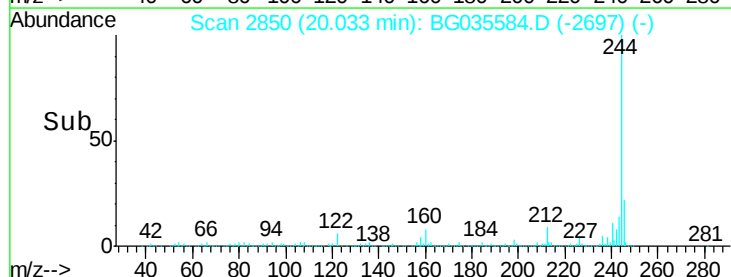
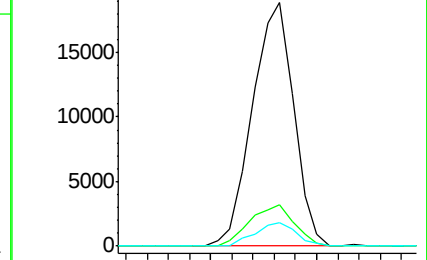
183 9.4 10.6 16.0#

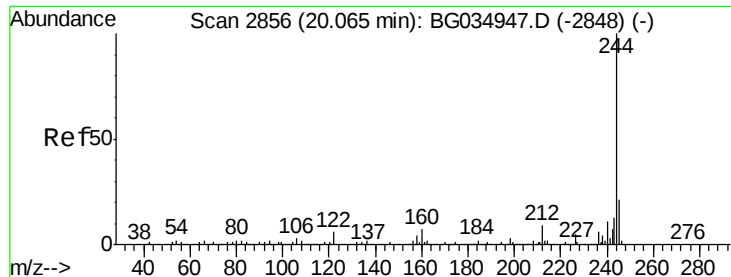


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 103.967 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035584.D

Acq: 3 Jul 2018 13:13

Instrument :

BNA_G

ClientSampleId :

MW-01

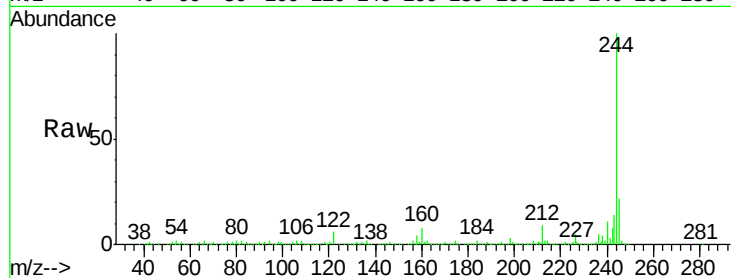
Tgt Ion:244 Resp: 1485068

Ion Ratio Lower Upper

244 100

212 9.3 5.8 8.8#

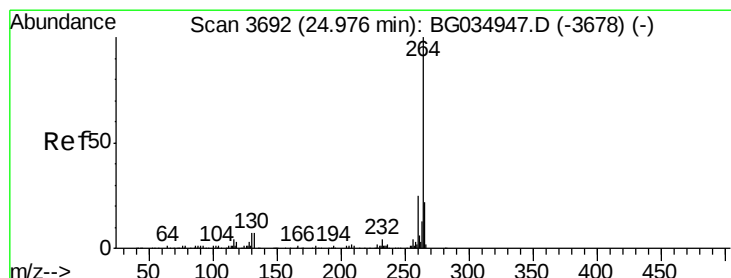
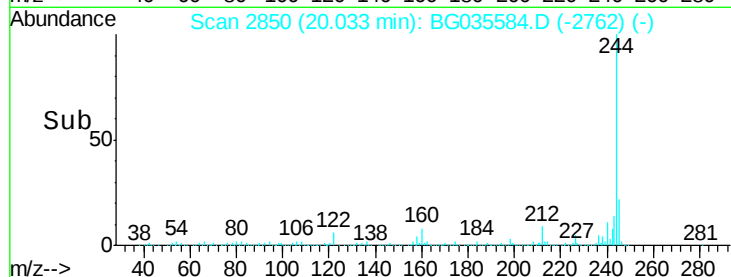
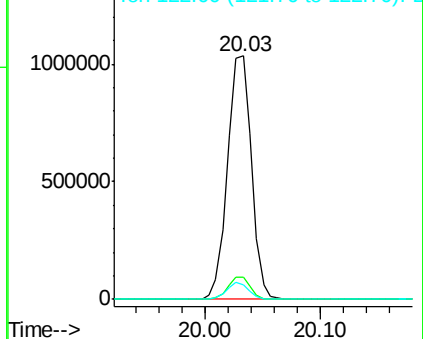
122 6.1 7.0 10.4#



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: 24.91 min Scan# 3681

Delta R.T. -0.04 min

Lab File: BG035584.D

Acq: 3 Jul 2018 13:13

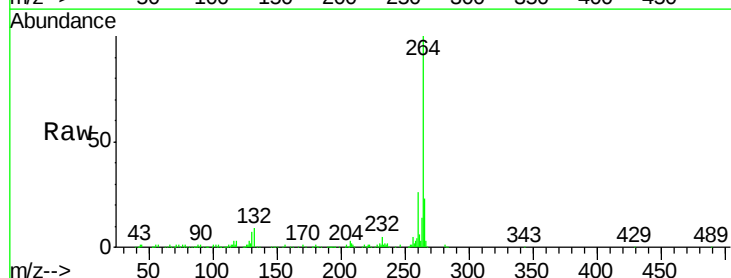
Tgt Ion:264 Resp: 285112

Ion Ratio Lower Upper

264 100

260 25.8 17.4 26.0

265 23.0 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

