

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG070218\
 Data File : BG035580.D
 Acq On : 3 Jul 2018 10:37
 Operator : JU/SJ
 Sample : J3799-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-5

Quant Time: Jul 03 11:38:32 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

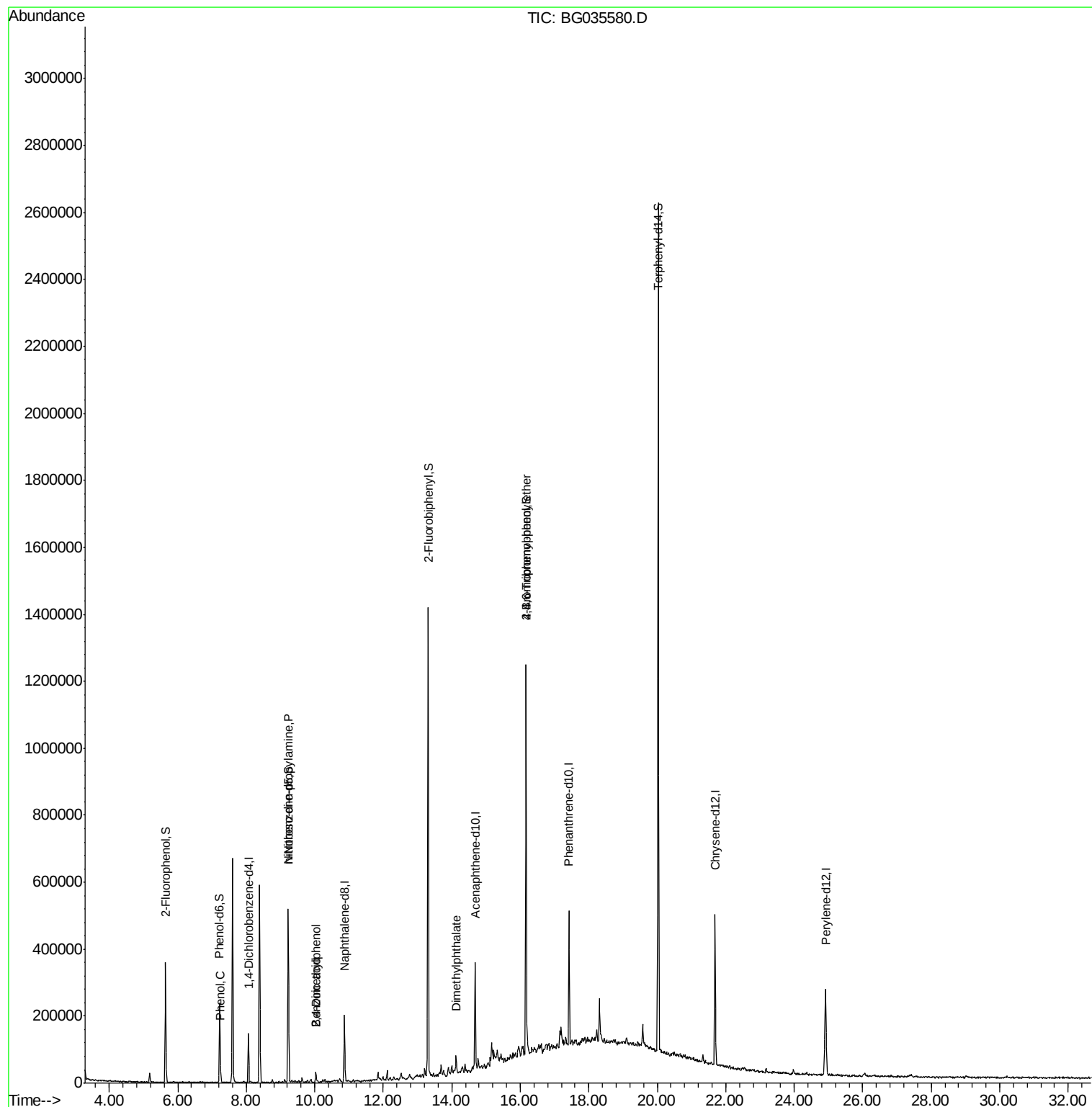
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	41141	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	159327	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	109731	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	263556	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	284792	20.00	ng	-0.03
86) Perylene-d12	24.92	264	280396	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	154842	63.52	ng	0.00
7) Phenol-d6	7.22	99	141161	39.23	ng	0.00
23) Nitrobenzene-d5	9.23	82	340121	101.47	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	217511	154.85	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	747671	88.58	ng	-0.02
78) Terphenyl-d14	20.03	244	1187405	87.33	ng	-0.02
Target Compounds						
10) Phenol	7.25	94	7695	2.067	ng	91
19) n-Nitroso-di-n-propylamine	9.23	70	47776	15.629	ng	# 75
27) 2,4-Dimethylphenol	10.04	122	11048	4.443	ng	92
32) Benzoic acid	10.04	122	11048	6.633	ng	# 6
49) Dimethylphthalate	14.13	163	30231	3.159	ng	# 97
66) 4-Bromophenyl-phenylether	16.17	248	18017	5.677	ng	# 1

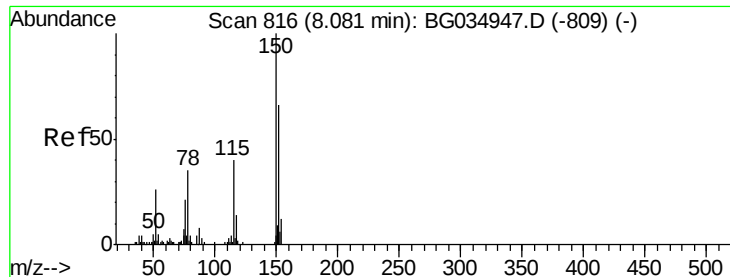
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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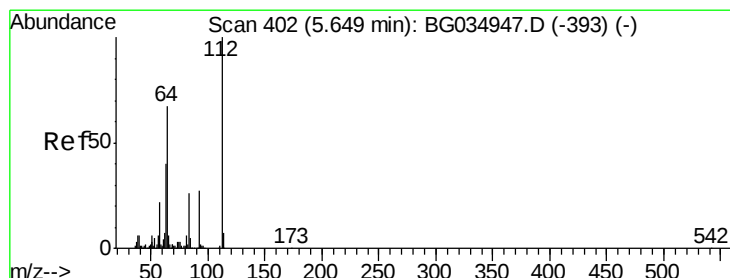
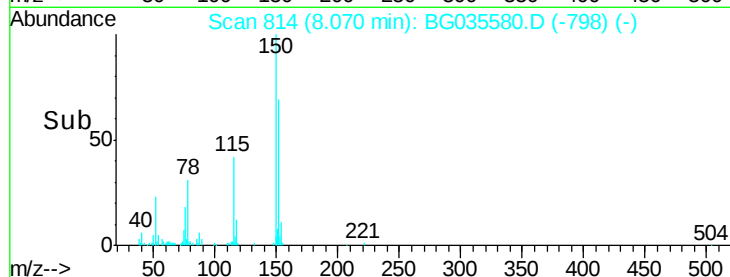
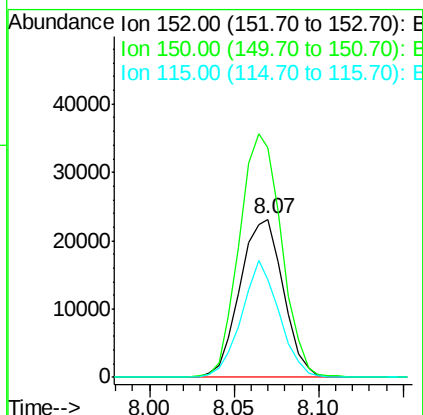
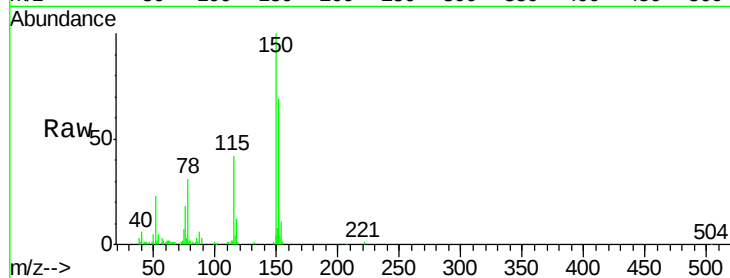


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.01 min
Lab File: BG035580.D
Acq: 3 Jul 2018 10:37

Instrument :
BNA_G
ClientSampleId :
MW-5

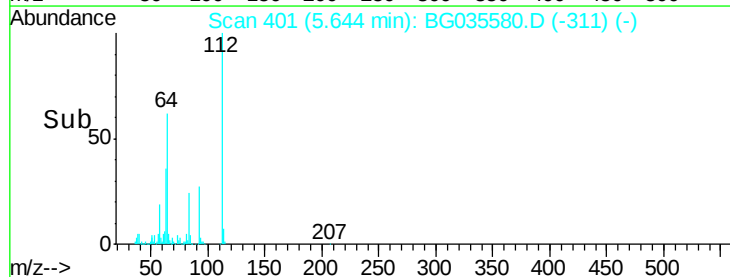
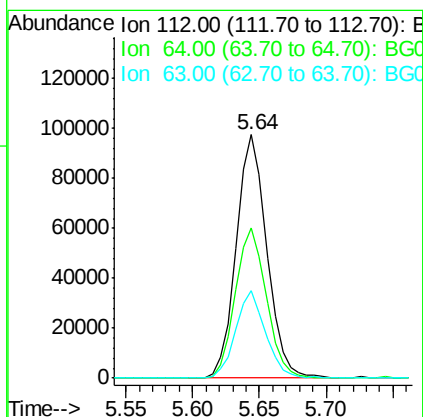
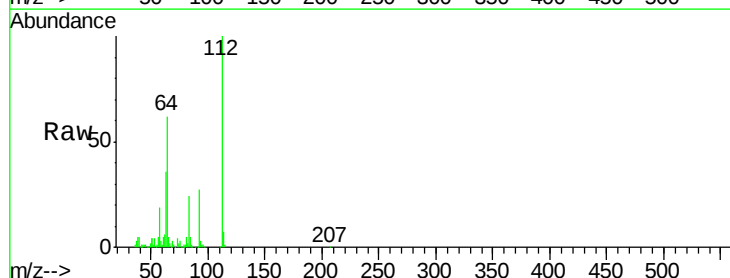
Tgt Ion:152 Resp: 41141
Ion Ratio Lower Upper
152 100
150 145.5 126.6 189.8
115 61.7 53.0 79.4

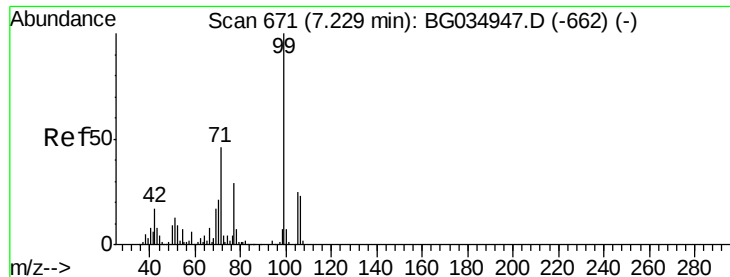


#5

2-Fluorophenol
Concen: 63.516 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG035580.D
Acq: 3 Jul 2018 10:37

Tgt Ion:112 Resp: 154842
Ion Ratio Lower Upper
112 100
64 61.7 56.3 84.5
63 36.0 30.1 45.1





#7

Phenol-d6

Concen: 39.232 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG035580.D

Acq: 3 Jul 2018 10:37

Instrument :

BNA_G

ClientSampled :

MW-5

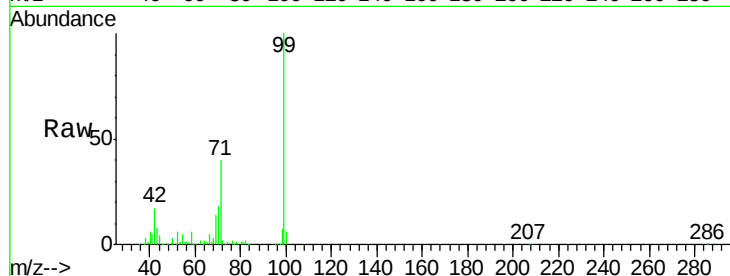
Tgt Ion: 99 Resp: 141161

Ion Ratio Lower Upper

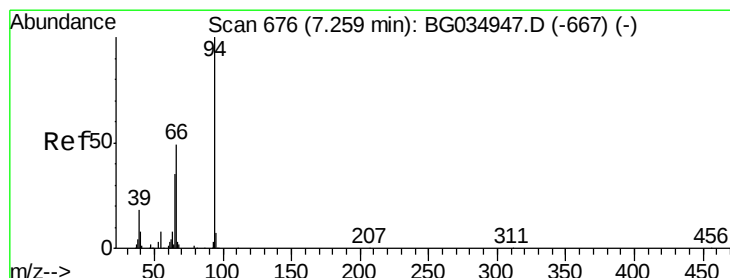
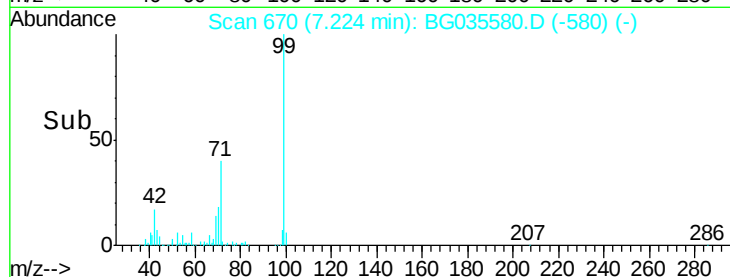
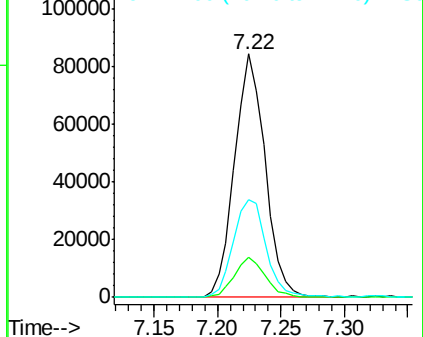
99 100

42 16.5 14.1 21.1

71 40.2 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: 2.067 ng

RT: 7.25 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG035580.D

Acq: 3 Jul 2018 10:37

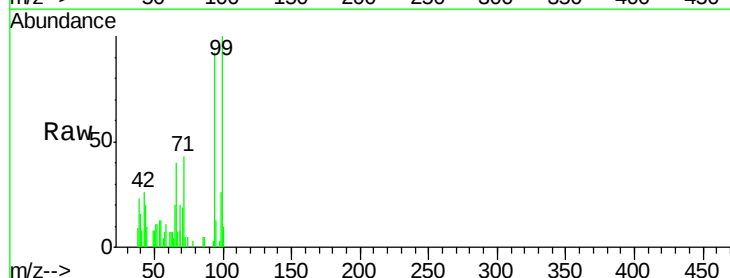
Tgt Ion: 94 Resp: 7695

Ion Ratio Lower Upper

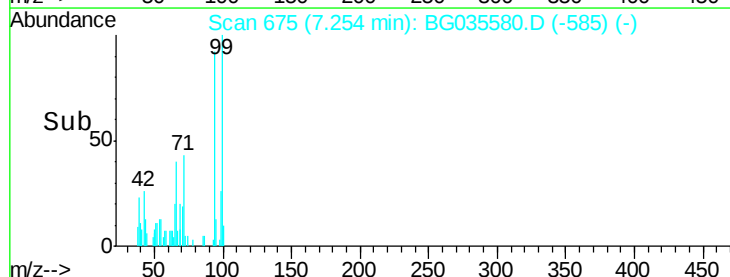
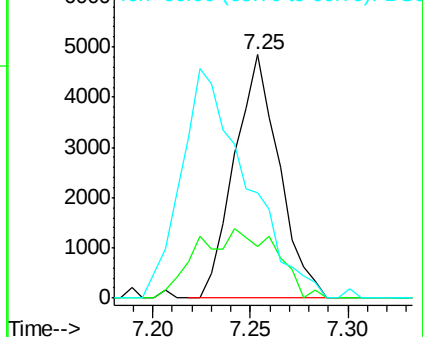
94 100

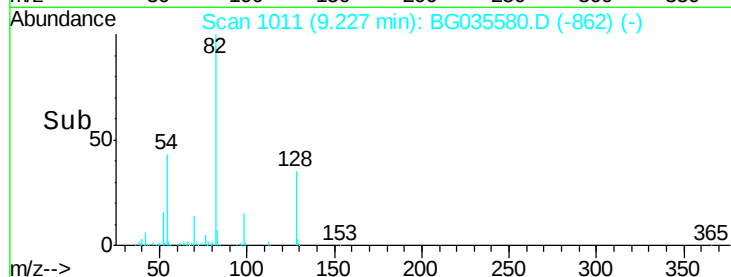
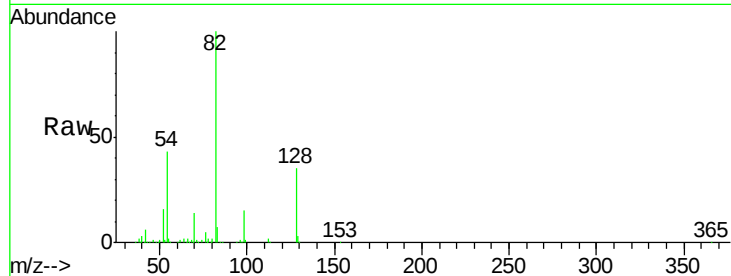
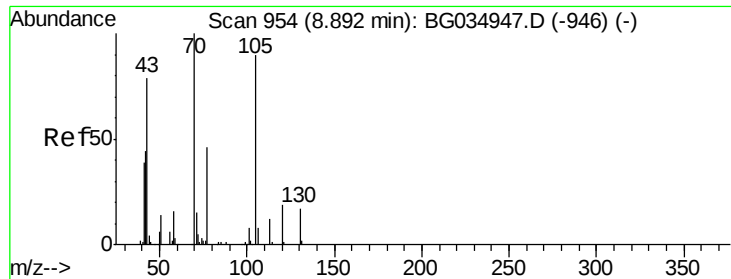
65 21.3 11.9 51.9

66 43.3 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

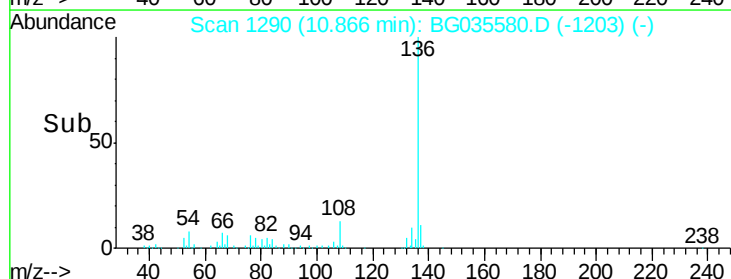
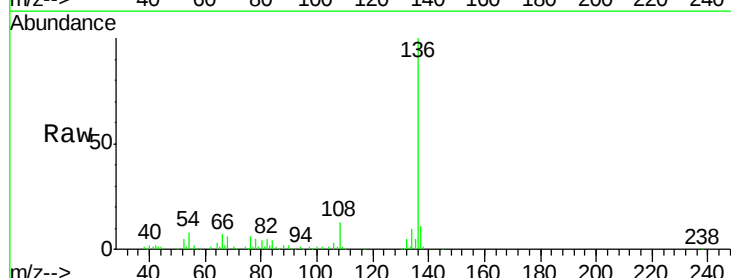
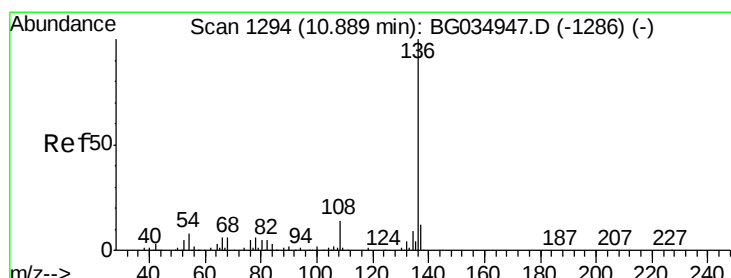
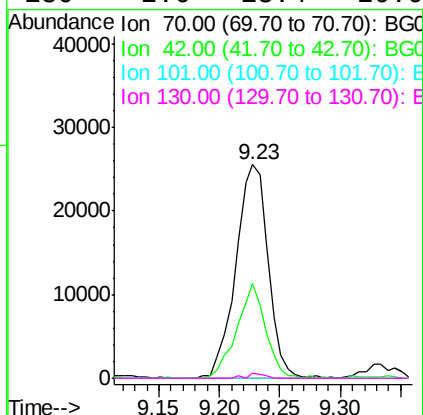




#19
n-Nitroso-di-n-propylamine
Concen: 15.629 ng
RT: 9.23 min Scan# 1011
Delta R.T. 0.35 min
Lab File: BG035580.D
Acq: 3 Jul 2018 10:37

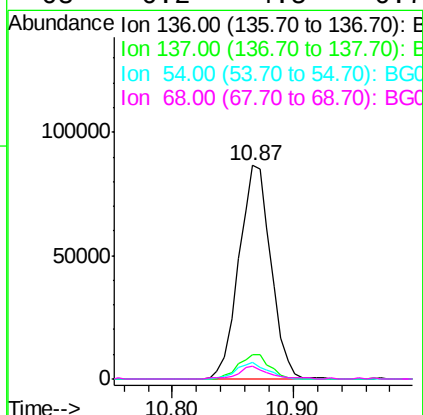
Instrument :
BNA_G
ClientSampleId :
MW-5

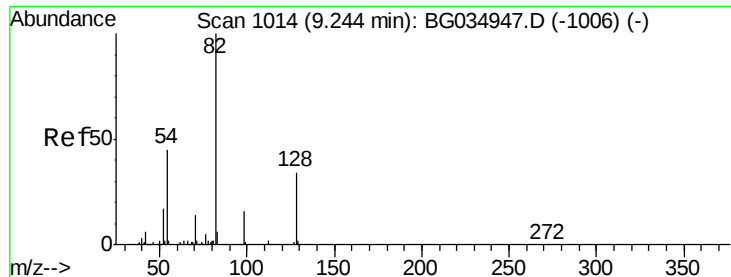
Tgt Ion: 70 Resp: 47776
Ion Ratio Lower Upper
70 100
42 44.4 49.1 73.7#
101 0.0 8.5 12.7#
130 2.6 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035580.D
Acq: 3 Jul 2018 10:37

Tgt Ion: 136 Resp: 159327
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 7.6 10.3 15.5#
68 6.2 4.5 6.7

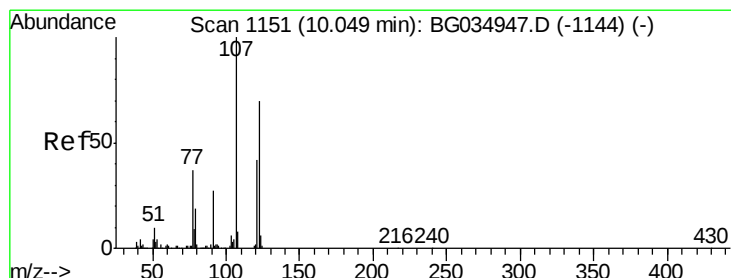
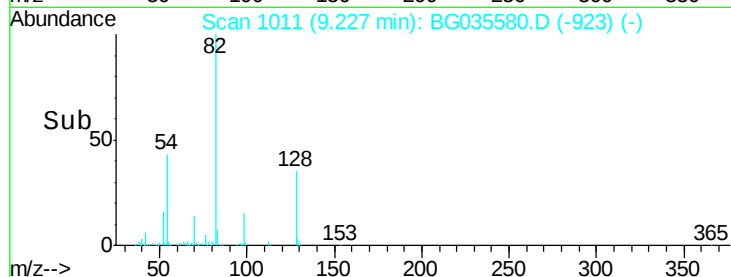
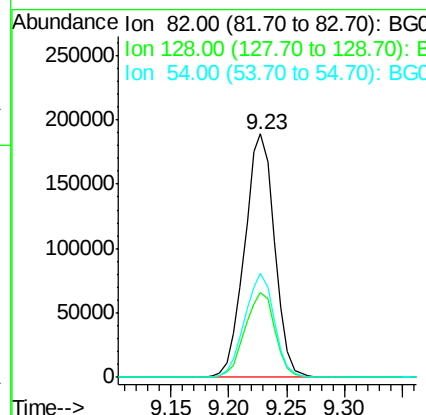
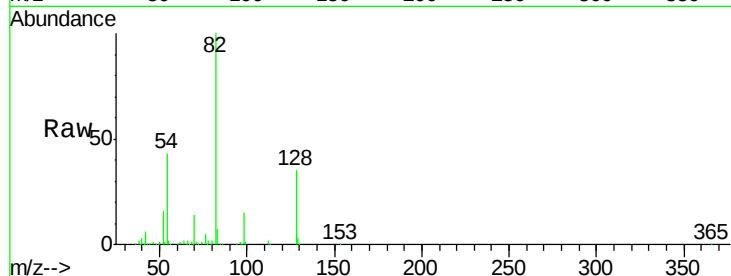




#23
 Nitrobenzene-d5
 Concen: 101.473 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BG035580.D
 Acq: 3 Jul 2018 10:37

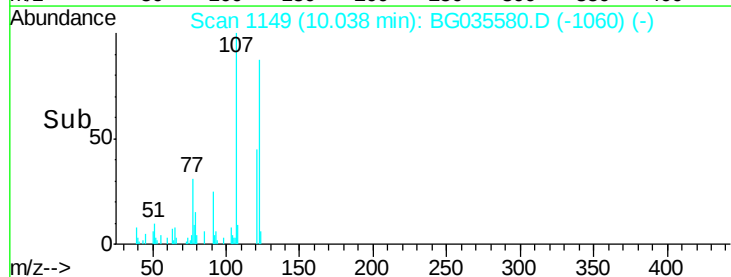
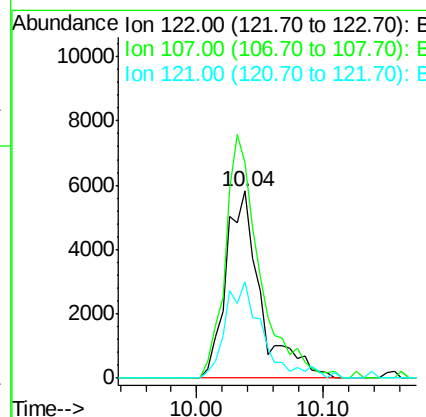
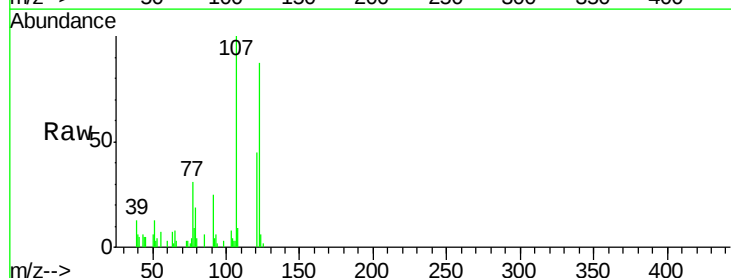
Instrument :
 BNA_G
 ClientSampleId :
 MW-5

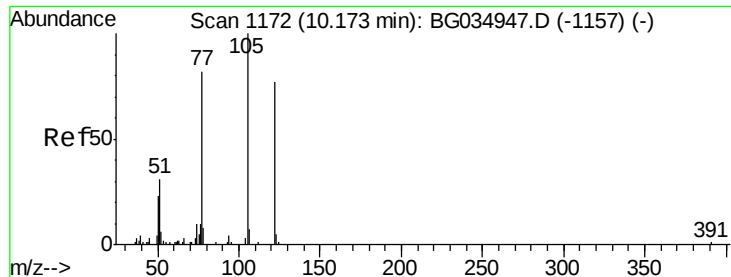
Tgt Ion: 82 Resp: 340121
 Ion Ratio Lower Upper
 82 100
 128 34.9 29.7 44.5
 54 42.8 43.1 64.7#



#27
 2,4-Dimethylphenol
 Concen: 4.443 ng
 RT: 10.04 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BG035580.D
 Acq: 3 Jul 2018 10:37

Tgt Ion: 122 Resp: 11048
 Ion Ratio Lower Upper
 122 100
 107 114.9 100.2 150.2
 121 51.7 44.4 66.6

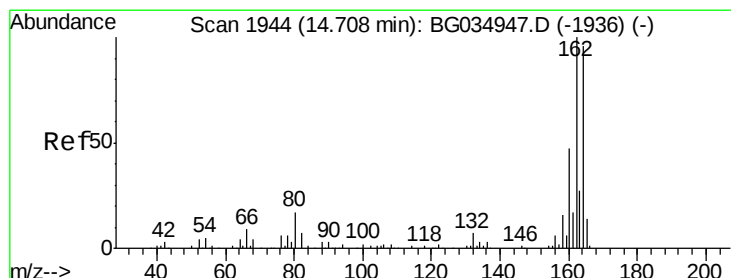
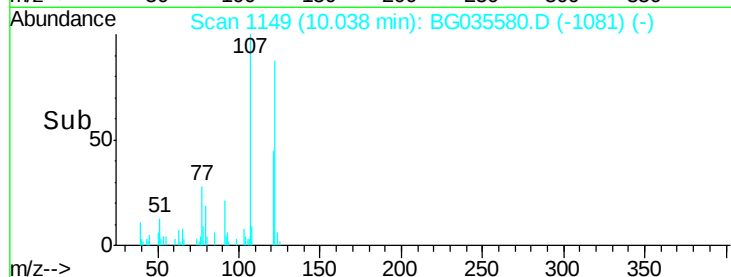
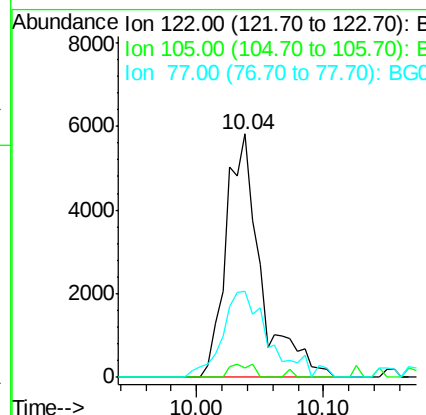
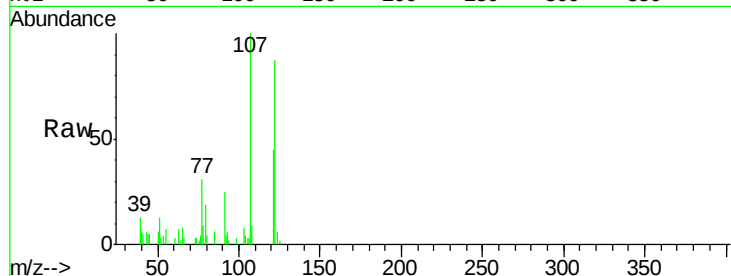




#32
Benzoic acid
Concen: 6.633 ng
RT: 10.04 min Scan# 1149
Delta R.T. -0.13 min
Lab File: BG035580.D
Acq: 3 Jul 2018 10:37

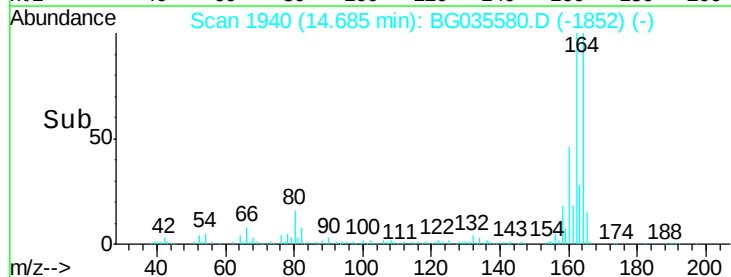
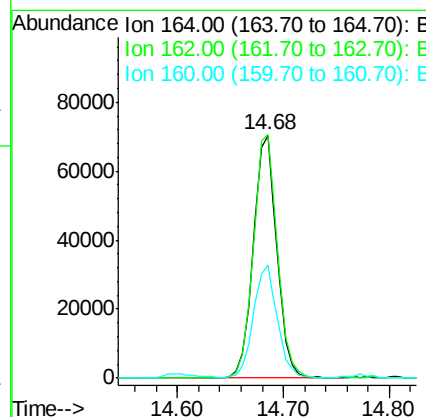
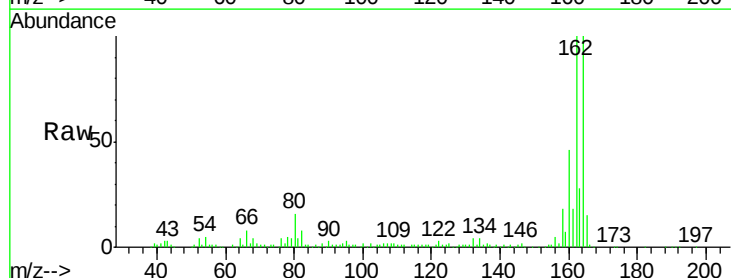
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ClientSampleId :
MW-5

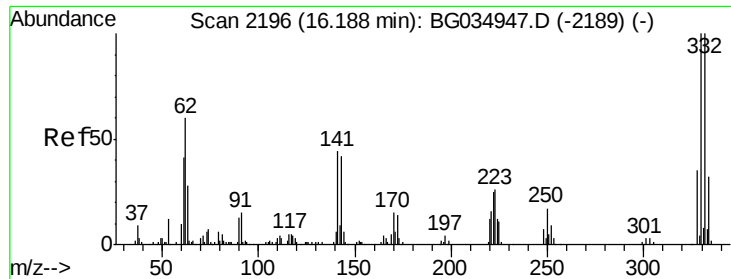
Tgt Ion:122 Resp: 11048
Ion Ratio Lower Upper
122 100
105 4.0 123.5 163.5#
77 35.3 85.7 125.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG035580.D
Acq: 3 Jul 2018 10:37

Tgt Ion:164 Resp: 109731
Ion Ratio Lower Upper
164 100
162 100.4 78.8 118.2
160 46.5 35.4 53.0

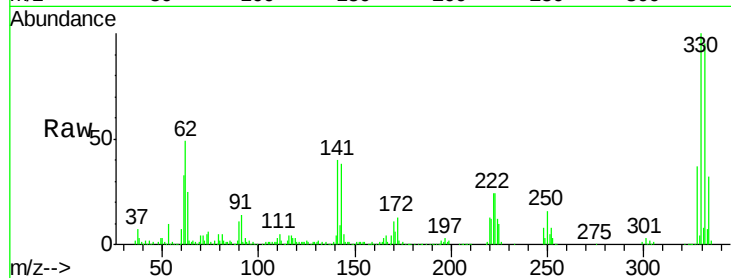




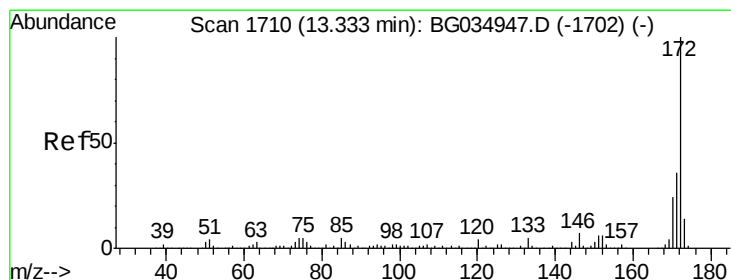
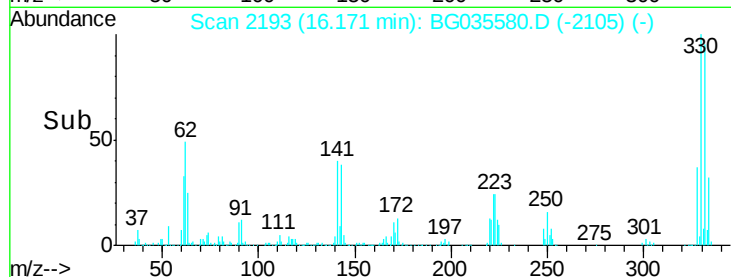
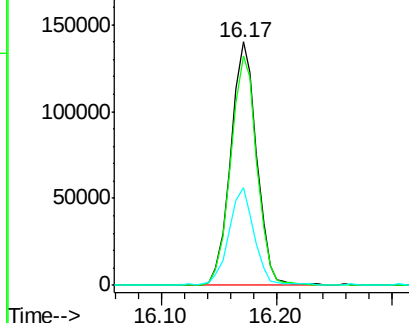
#41
 2,4,6-Tribromophenol
 Concen: 154.846 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035580.D
 Acq: 3 Jul 2018 10:37

Instrument :
 BNA_G
 ClientSampleId :
 MW-5

Tgt Ion:330 Resp: 217511
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.0 115.6
 141 38.8 25.2 37.8#

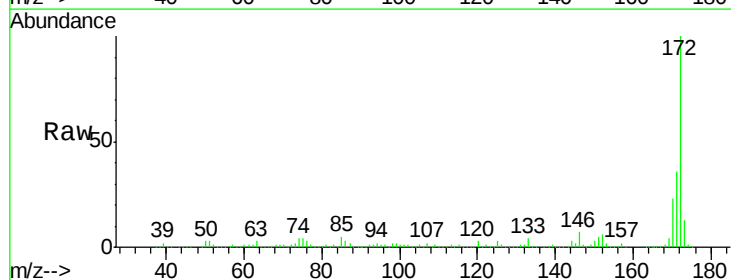


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

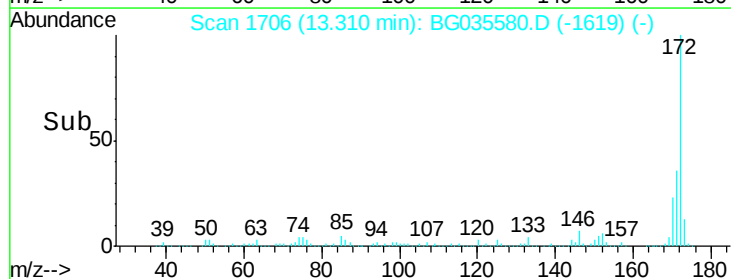
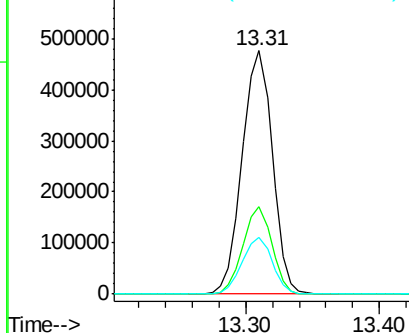


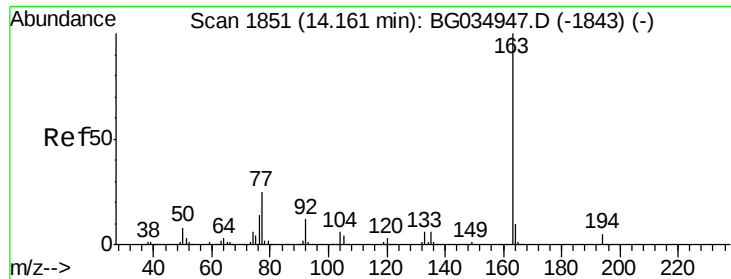
#44
 2-Fluorobiphenyl
 Concen: 88.577 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG035580.D
 Acq: 3 Jul 2018 10:37

Tgt Ion:172 Resp: 747671
 Ion Ratio Lower Upper
 172 100
 171 36.1 30.0 45.0
 170 23.5 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: 3.159 ng

RT: 14.13 min Scan# 1845

Delta R.T. -0.03 min

Lab File: BG035580.D

Acq: 3 Jul 2018 10:37

Instrument :

BNA_G

ClientSampleId :

MW-5

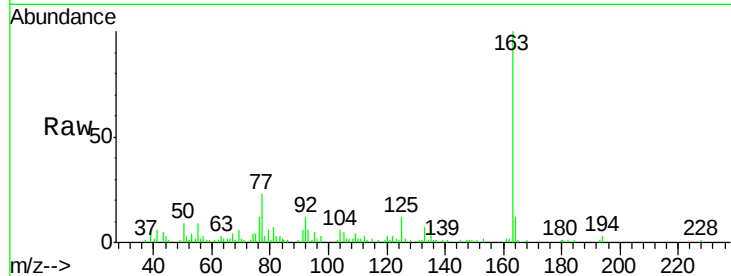
Tgt Ion:163 Resp: 30231

Ion Ratio Lower Upper

163 100

194 3.4 3.4 5.2#

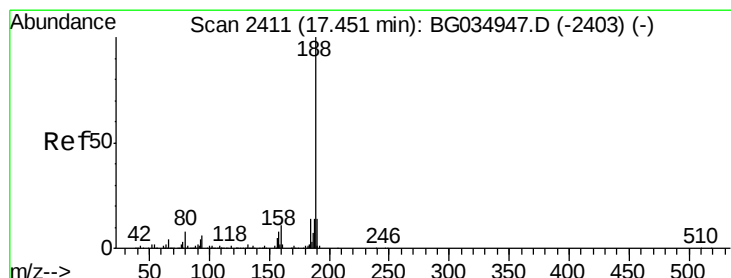
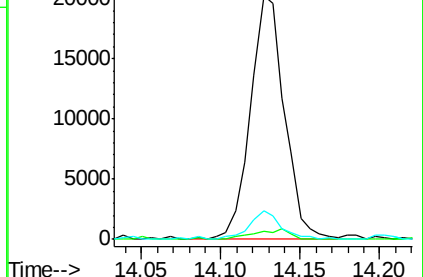
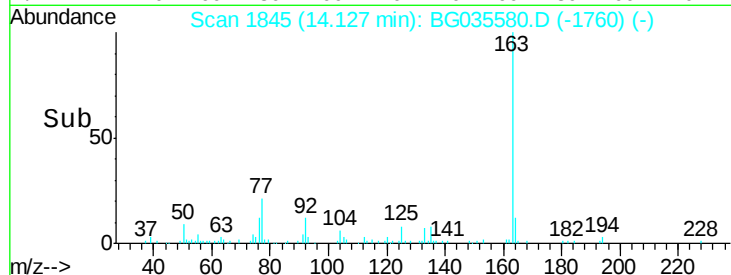
164 11.7 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2406

Delta R.T. -0.02 min

Lab File: BG035580.D

Acq: 3 Jul 2018 10:37

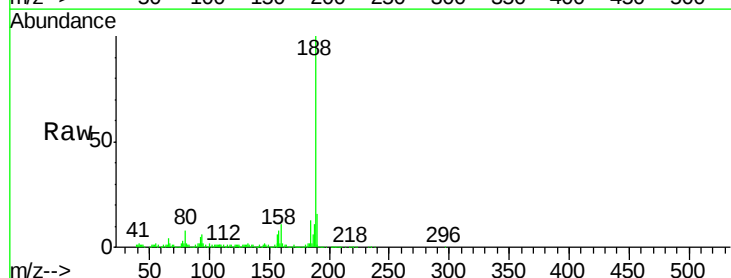
Tgt Ion:188 Resp: 263556

Ion Ratio Lower Upper

188 100

94 5.9 6.9 10.3#

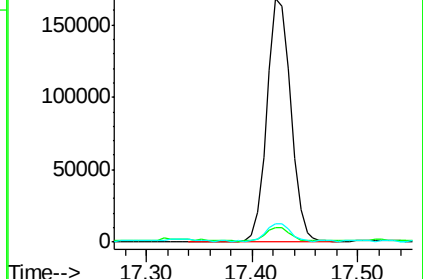
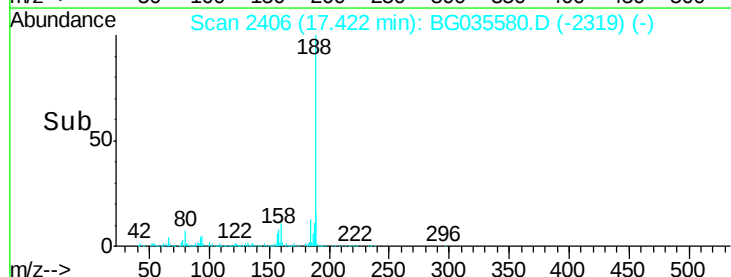
80 7.6 7.7 11.5#

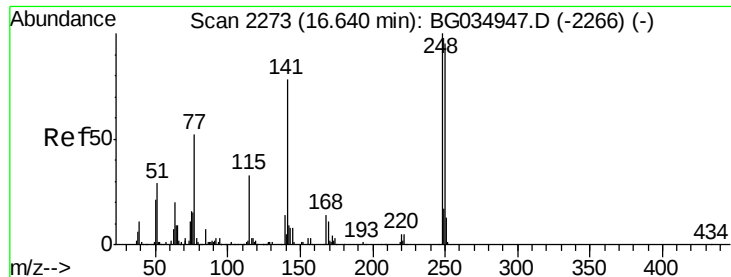


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

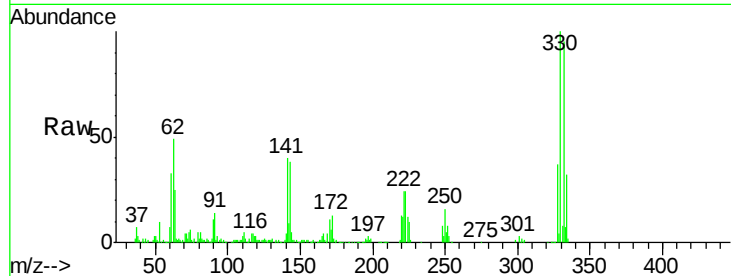




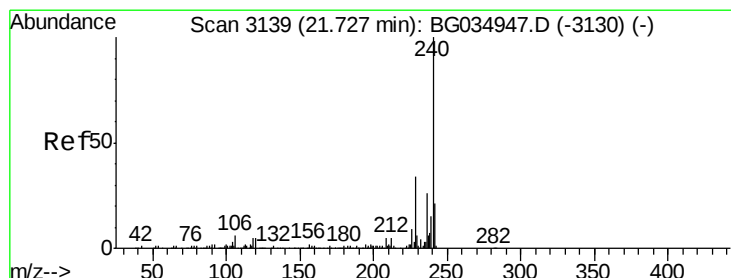
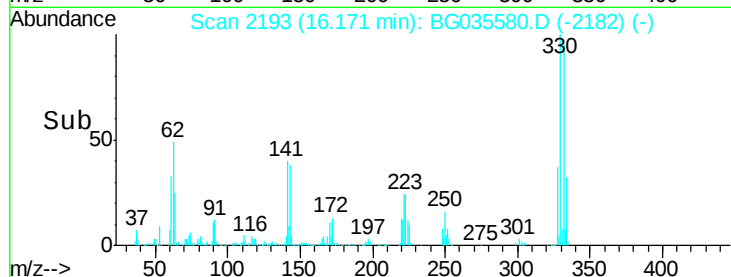
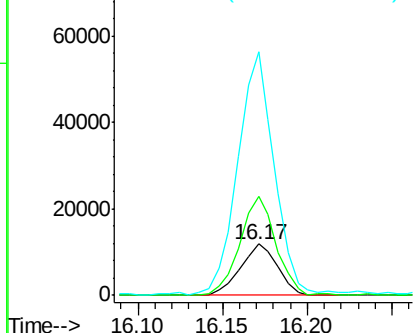
#66
 4-Bromophenyl-phenylether
 Concen: 5.677 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.46 min
 Lab File: BG035580.D
 Acq: 3 Jul 2018 10:37

Instrument :
 BNA_G
 ClientSampleId :
 MW-5

Tgt Ion:248 Resp: 18017
 Ion Ratio Lower Upper
 248 100
 250 192.9 77.1 115.7#
 141 475.4 50.8 76.2#

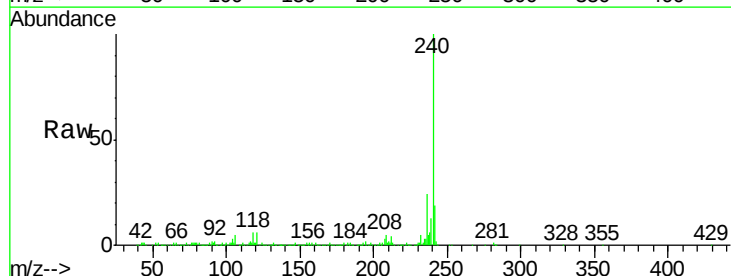


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

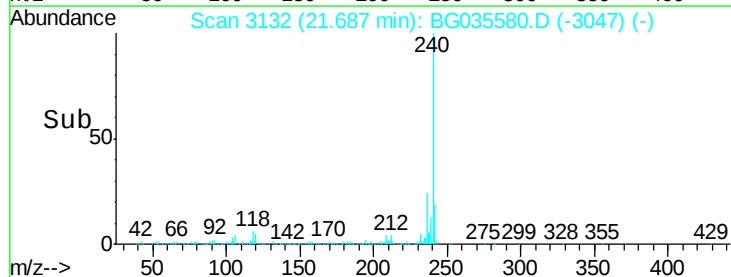
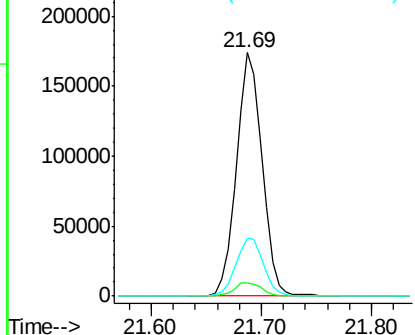


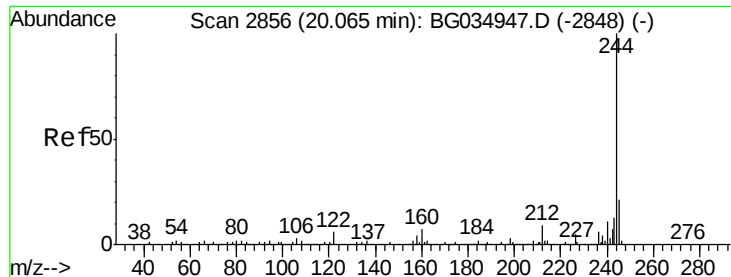
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3132
 Delta R.T. -0.03 min
 Lab File: BG035580.D
 Acq: 3 Jul 2018 10:37

Tgt Ion:240 Resp: 284792
 Ion Ratio Lower Upper
 240 100
 120 5.6 6.8 10.2#
 236 23.9 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





#78

Terphenyl-d14

Concen: 87.335 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035580.D

Acq: 3 Jul 2018 10:37

Instrument :

BNA_G

ClientSampleId :

MW-5

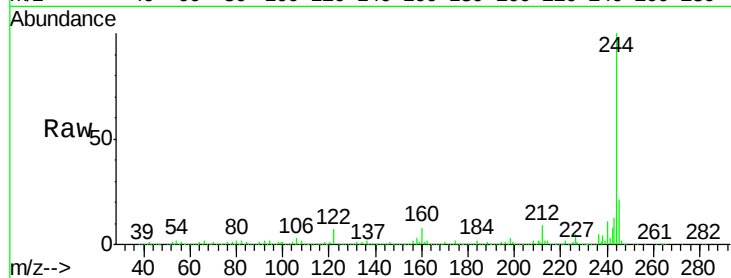
Tgt Ion:244 Resp: 1187405

Ion Ratio Lower Upper

244 100

212 9.5 5.8 8.8#

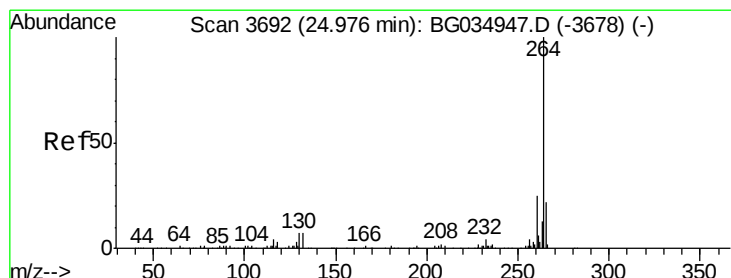
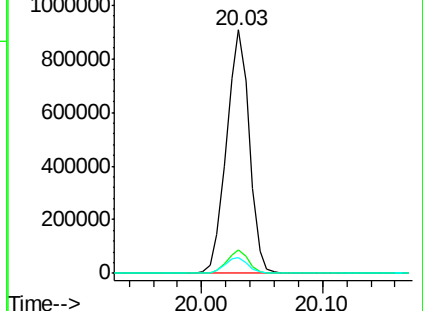
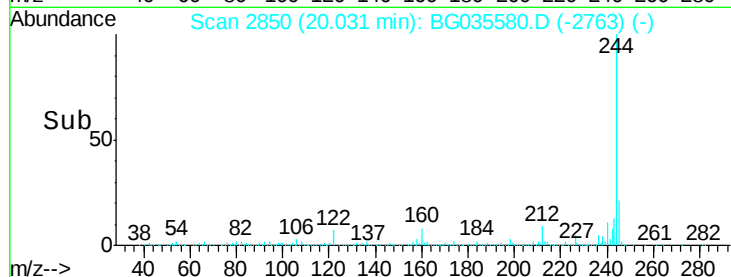
122 6.7 7.0 10.4#



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: 24.92 min Scan# 3682

Delta R.T. -0.04 min

Lab File: BG035580.D

Acq: 3 Jul 2018 10:37

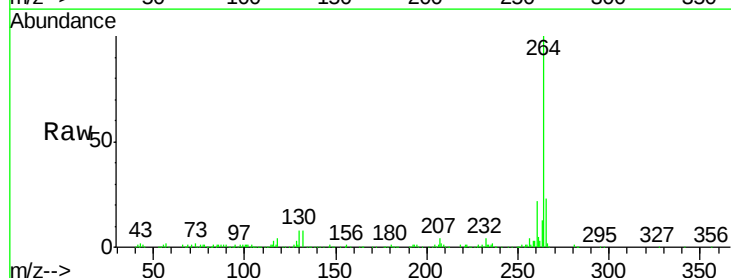
Tgt Ion:264 Resp: 280396

Ion Ratio Lower Upper

264 100

260 22.2 17.4 26.0

265 22.9 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

