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 Data File : BG027656.D
 Acq On : 24 Jun 2017 12:51
 Operator : SJ/JU
 Sample : I3657-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-103S

Quant Time: Jun 26 05:15:51 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 21 18:52:15 2017
 Response via : Initial Calibration

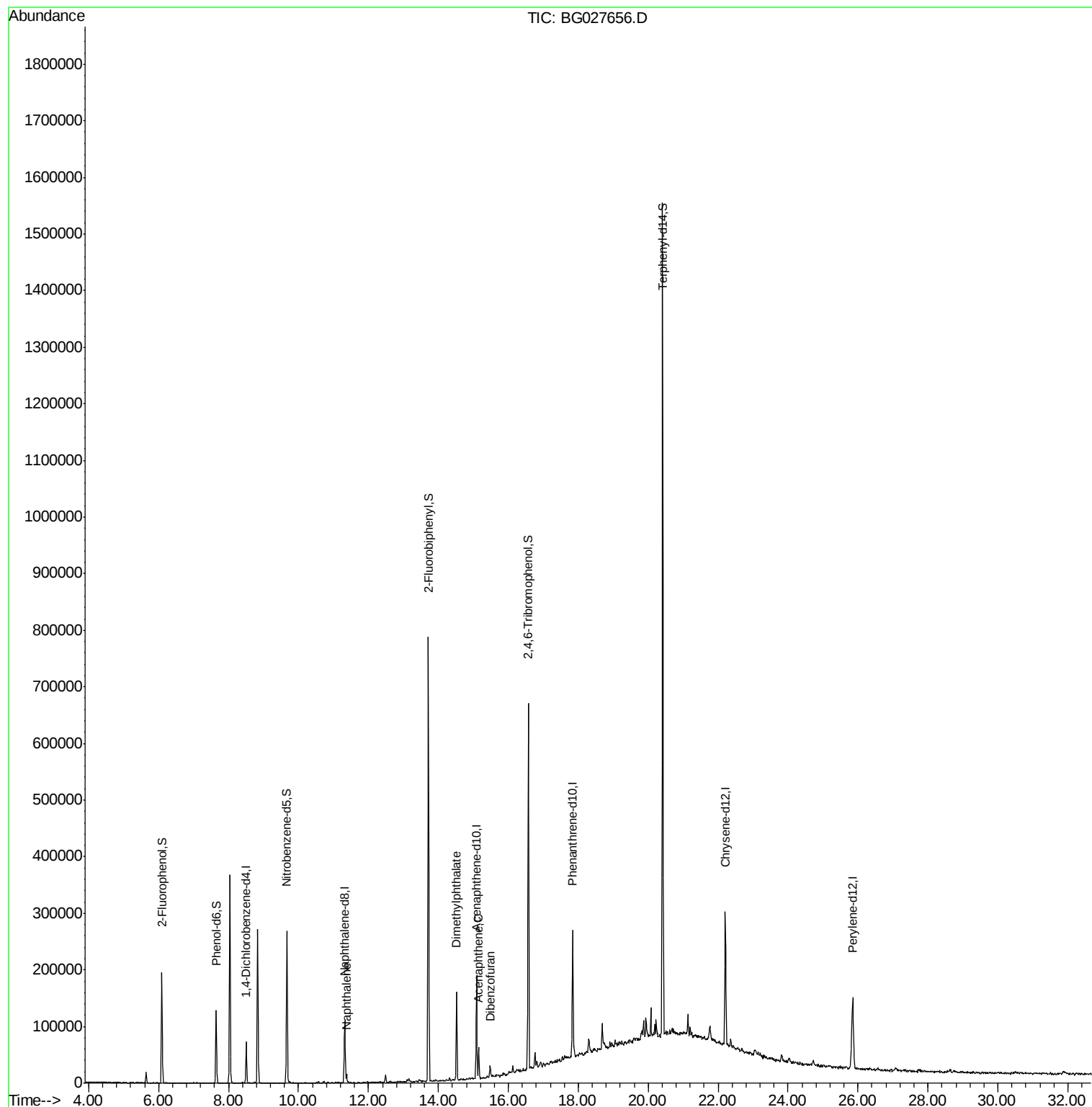
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.50	152	19251	20.00	ng	0.00
21) Naphthalene-d8	11.32	136	91069	20.00	ng	0.00
38) Acenaphthene-d10	15.09	164	57698	20.00	ng	0.00
63) Phenanthrene-d10	17.84	188	138338	20.00	ng	0.00
75) Chrysene-d12	22.20	240	155262	20.00	ng	-0.01
86) Perylene-d12	25.85	264	147245	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	79091	58.47	ng	0.00
7) Phenol-d6	7.65	99	72337	36.12	ng	0.00
23) Nitrobenzene-d5	9.67	82	169884	88.27	ng	0.00
41) 2,4,6-Tribromophenol	16.58	330	115120	133.83	ng	0.00
44) 2-Fluorobiphenyl	13.71	172	383556	90.81	ng	0.00
78) Terphenyl-d14	20.41	244	629241	95.49	ng	0.00
Target Compounds						
31) Naphthalene	11.37	128	11924	2.422	ng	98
49) Dimethylphthalate	14.52	163	95033	18.811	ng	96
51) Acenaphthene	15.15	154	20454	4.682	ng	99
54) Dibenzofuran	15.48	168	11870	2.086	ng	96

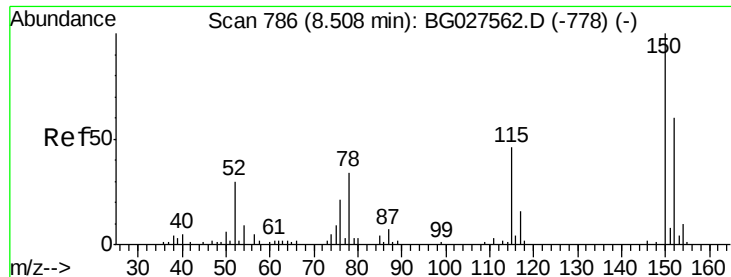
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG062417\
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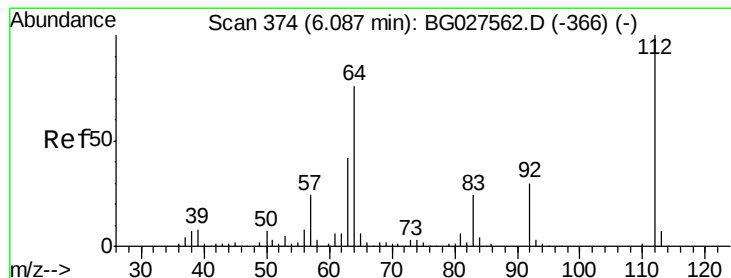
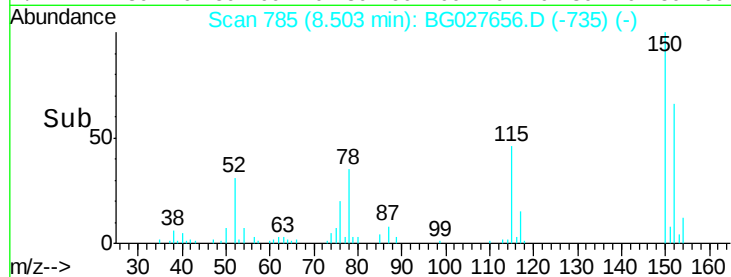
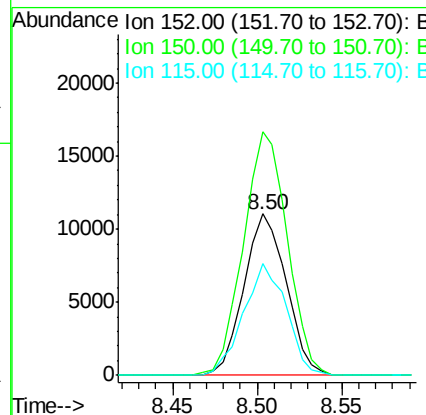
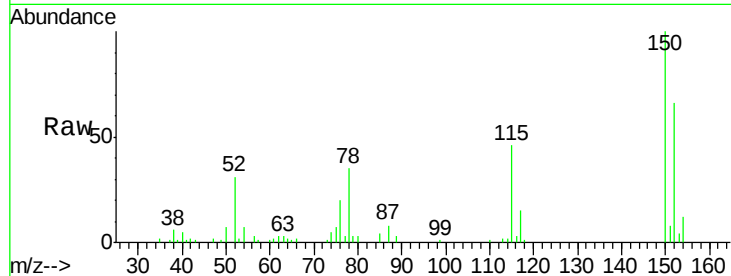


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.50 min Scan# 785
Delta R.T. -0.00 min
Lab File: BG027656.D
Acq: 24 Jun 2017 12:51

Instrument :
BNA_G
ClientSampled :
MW-103S

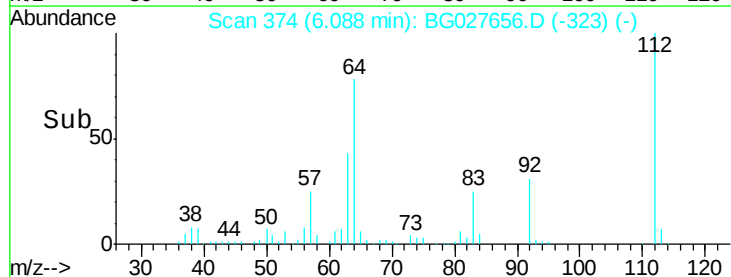
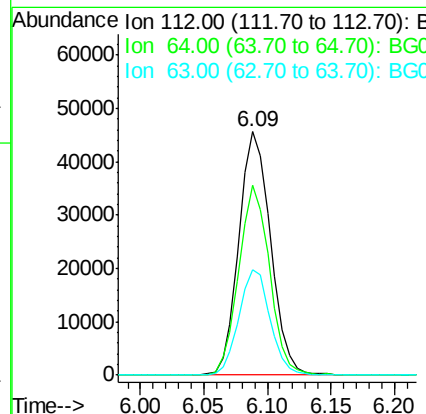
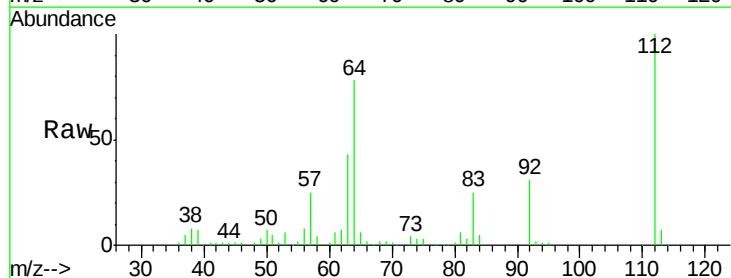
Tgt Ion:152 Resp: 19251
Ion Ratio Lower Upper
152 100
150 151.1 114.0 171.0
115 69.1 48.1 72.1

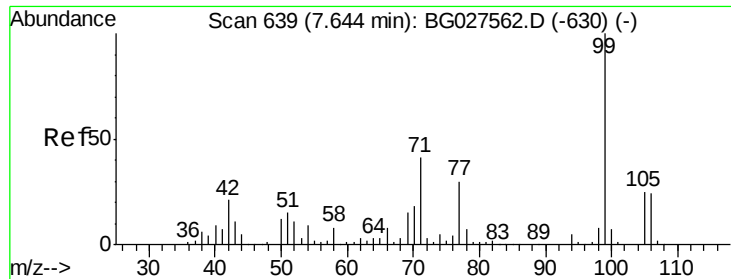


#5

2-Fluorophenol
Concen: 58.472 ng
RT: 6.09 min Scan# 374
Delta R.T. 0.00 min
Lab File: BG027656.D
Acq: 24 Jun 2017 12:51

Tgt Ion:112 Resp: 79091
Ion Ratio Lower Upper
112 100
64 78.1 61.8 92.6
63 43.1 37.2 55.8





#7

Phenol-d6

Concen: 36.124 ng

RT: 7.65 min Scan# 639

Delta R.T. 0.00 min

Lab File: BG027656.D

Acq: 24 Jun 2017 12:51

Instrument :

BNA_G

ClientSampleId :

MW-103S

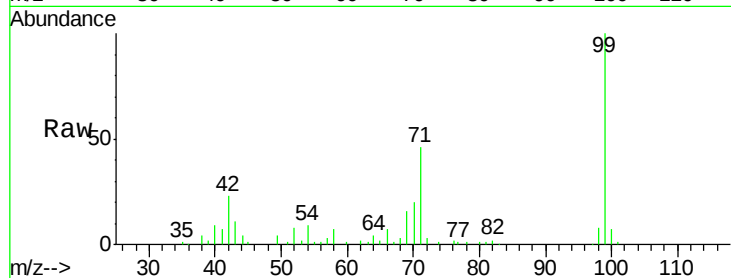
Tgt Ion: 99 Resp: 72337

Ion Ratio Lower Upper

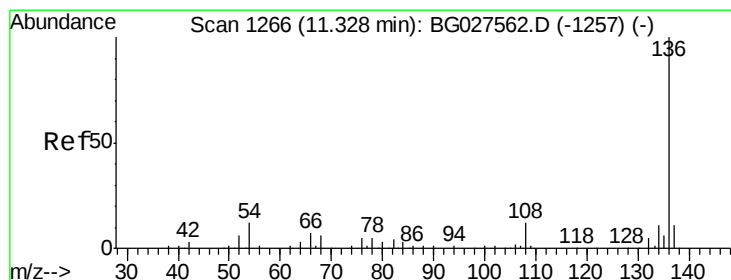
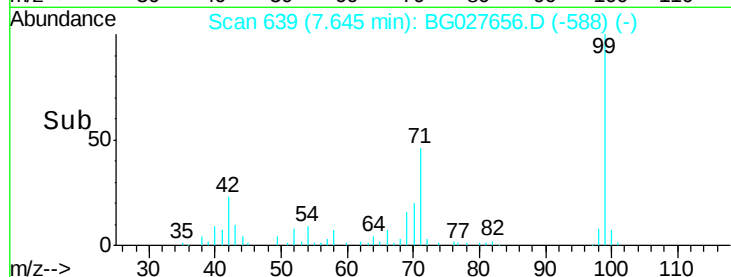
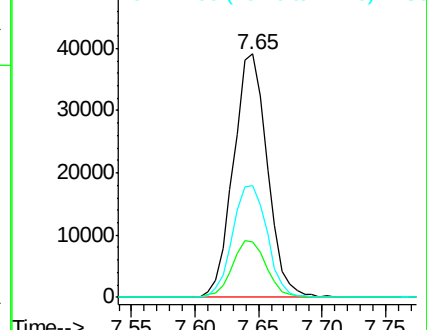
99 100

42 22.5 20.5 30.7

71 46.0 37.6 56.4



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.32 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BG027656.D

Acq: 24 Jun 2017 12:51

Tgt Ion: 136 Resp: 91069

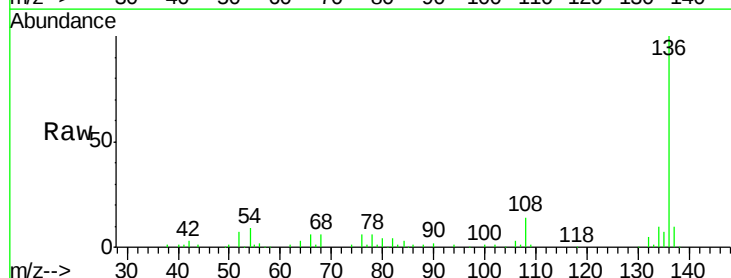
Ion Ratio Lower Upper

136 100

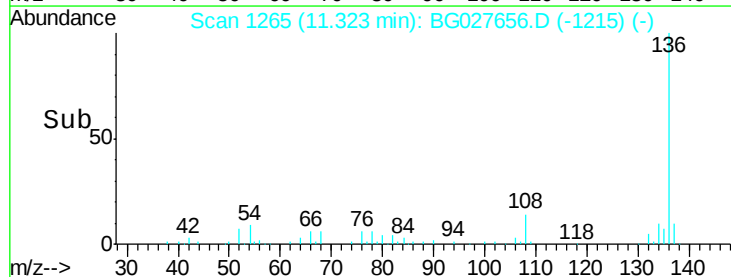
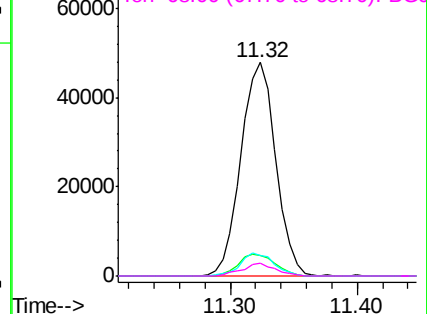
137 9.7 8.9 13.3

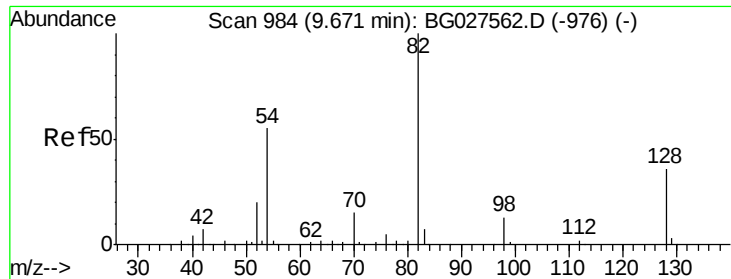
54 9.4 9.3 13.9

68 5.8 5.1 7.7



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

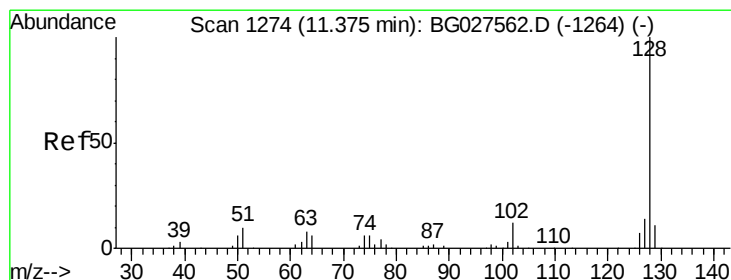
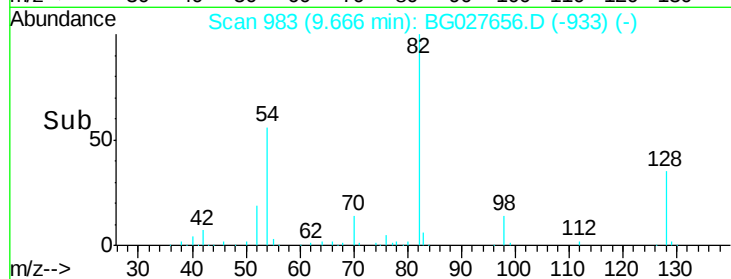
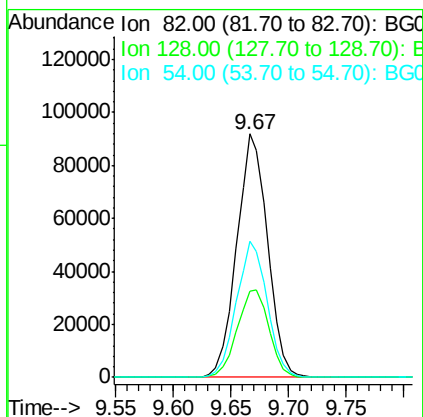
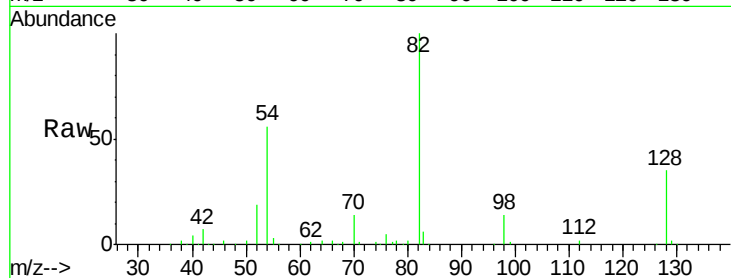




#23
 Nitrobenzene-d5
 Concen: 88.270 ng
 RT: 9.67 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: BG027656.D
 Acq: 24 Jun 2017 12:51

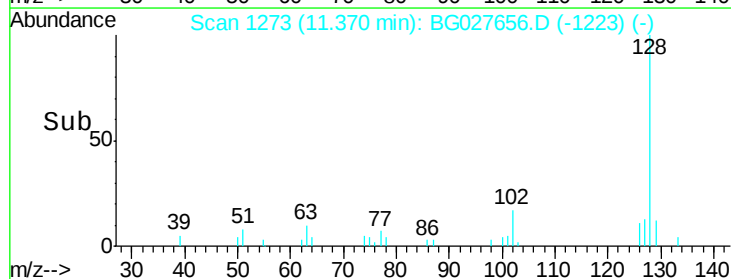
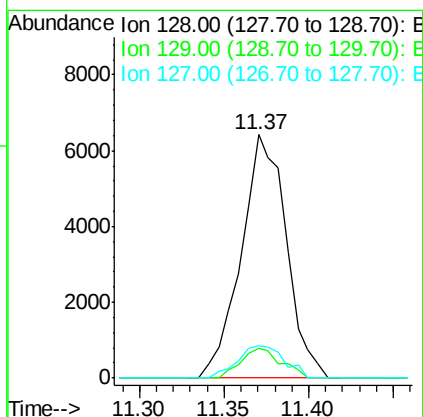
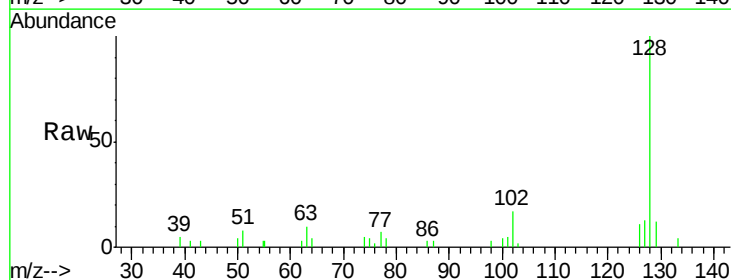
Instrument :
 BNA_G
 ClientSampleId :
 MW-103S

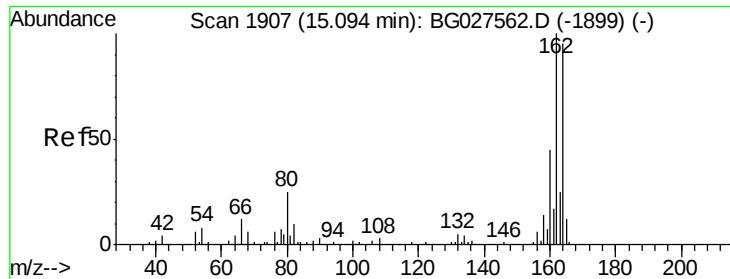
Tgt Ion: 82 Resp: 169884
 Ion Ratio Lower Upper
 82 100
 128 35.4 26.4 39.6
 54 55.7 49.4 74.2



#31
 Naphthalene
 Concen: 2.422 ng
 RT: 11.37 min Scan# 1273
 Delta R.T. -0.00 min
 Lab File: BG027656.D
 Acq: 24 Jun 2017 12:51

Tgt Ion: 128 Resp: 11924
 Ion Ratio Lower Upper
 128 100
 129 12.2 9.3 13.9
 127 13.2 11.4 17.0

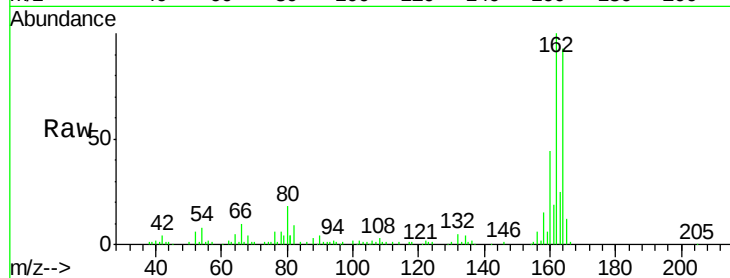




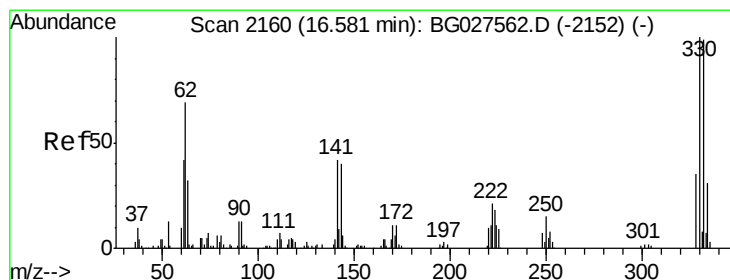
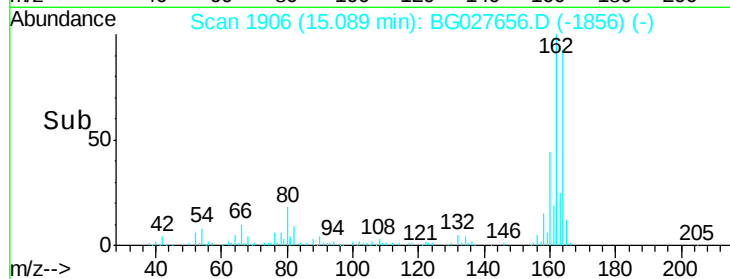
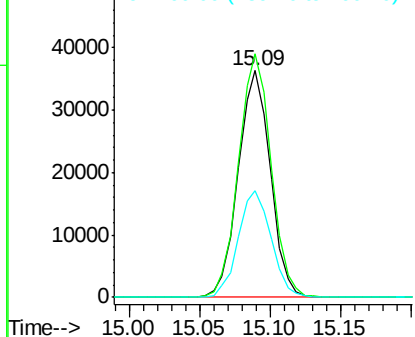
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.09 min Scan# 1906
 Delta R.T. -0.00 min
 Lab File: BG027656.D
 Acq: 24 Jun 2017 12:51

Instrument :
 BNA_G
 ClientSampleId :
 MW-103S

Tgt Ion:164 Resp: 57698
 Ion Ratio Lower Upper
 164 100
 162 107.5 85.1 127.7
 160 46.9 34.7 52.1

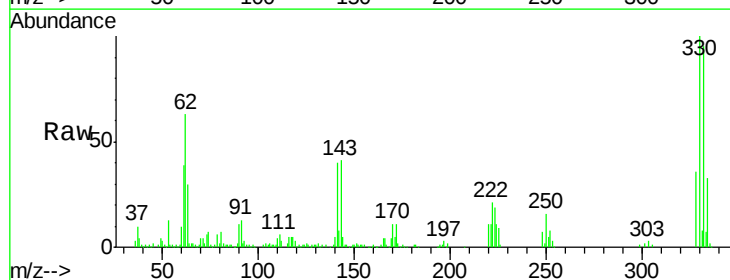


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

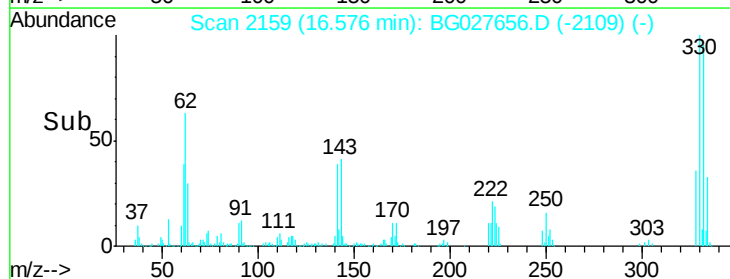
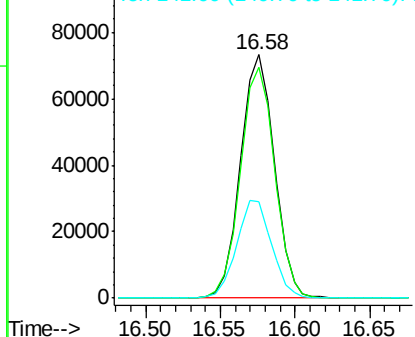


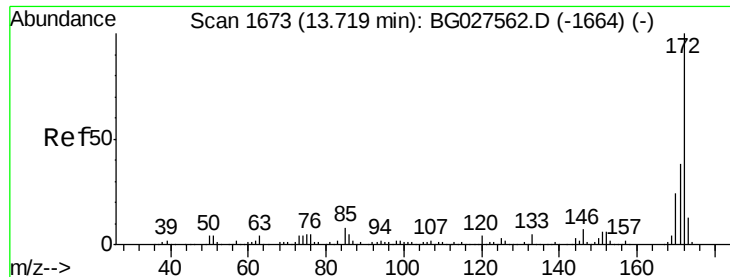
#41
 2,4,6-Tribromophenol
 Concen: 133.832 ng
 RT: 16.58 min Scan# 2159
 Delta R.T. -0.00 min
 Lab File: BG027656.D
 Acq: 24 Jun 2017 12:51

Tgt Ion:330 Resp: 115120
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.3 115.9
 141 41.8 32.1 48.1



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

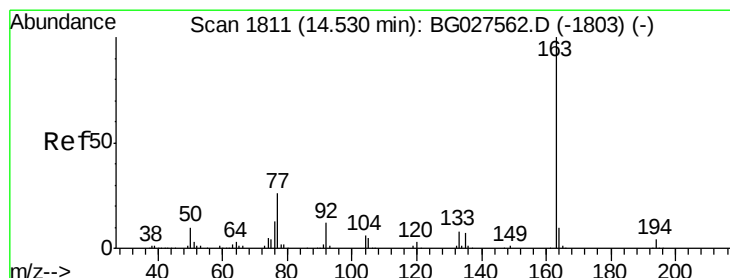
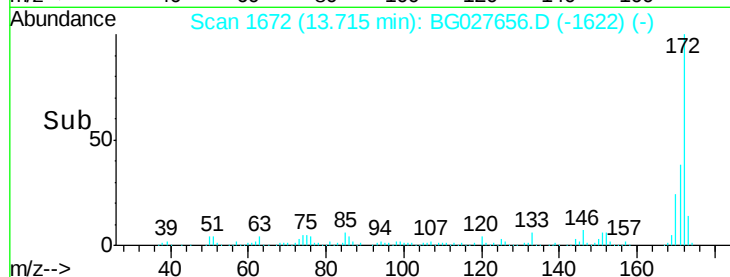
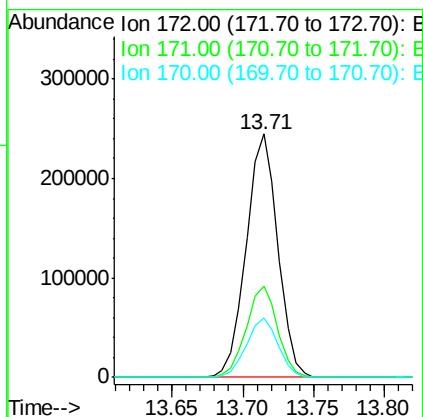
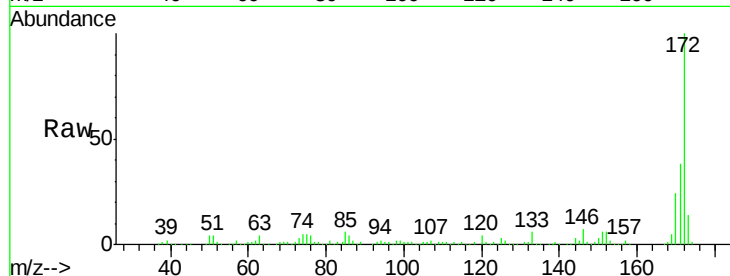




#44
 2-Fluorobiphenyl
 Concen: 90.807 ng
 RT: 13.71 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: BG027656.D
 Acq: 24 Jun 2017 12:51

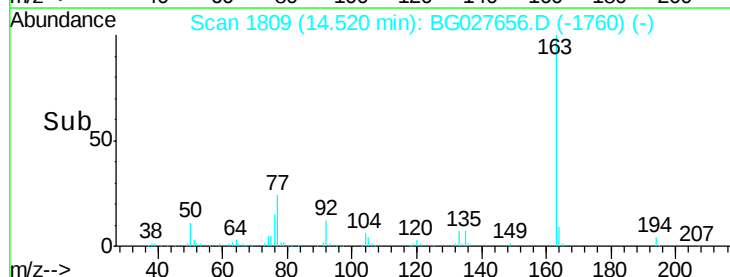
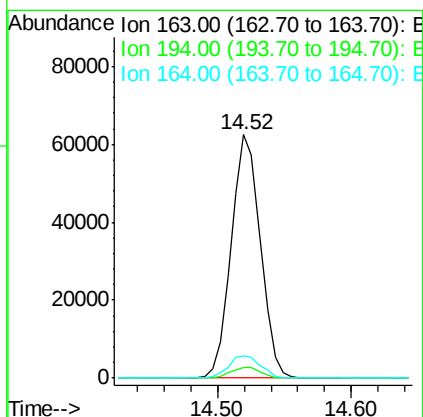
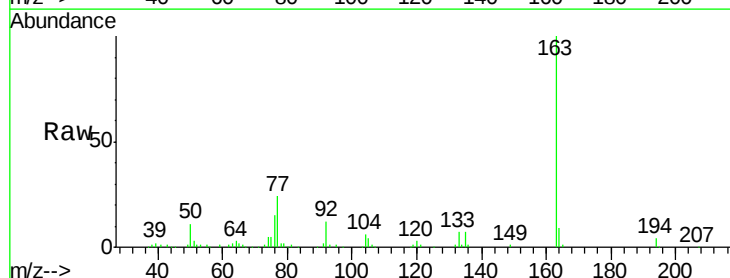
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 MW-103S

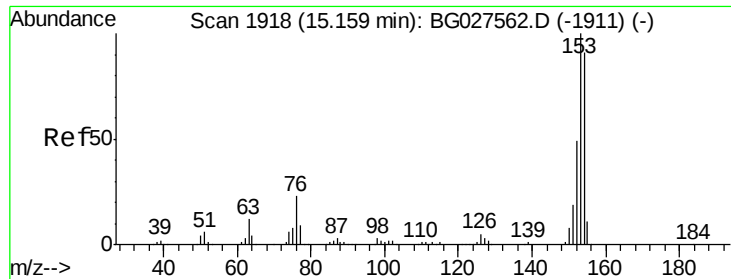
Tgt Ion:172 Resp: 383556
 Ion Ratio Lower Upper
 172 100
 171 37.7 32.2 48.2
 170 24.3 21.8 32.6



#49
 Dimethylphthalate
 Concen: 18.811 ng
 RT: 14.52 min Scan# 1809
 Delta R.T. -0.01 min
 Lab File: BG027656.D
 Acq: 24 Jun 2017 12:51

Tgt Ion:163 Resp: 95033
 Ion Ratio Lower Upper
 163 100
 194 4.4 3.8 5.6
 164 9.3 9.3 13.9





#51

Acenaphthene

Concen: 4.682 ng

RT: 15.15 min Scan# 1916

Delta R.T. -0.01 min

Lab File: BG027656.D

Acq: 24 Jun 2017 12:51

Instrument :

BNA_G

ClientSampleId :

MW-103S

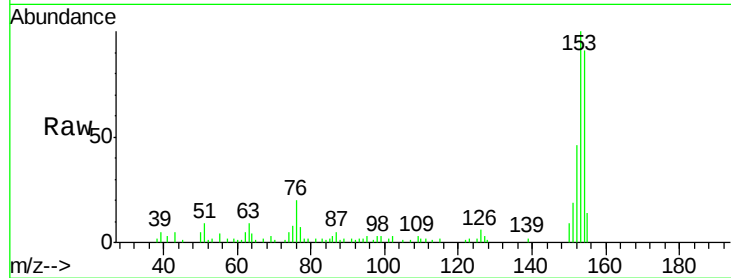
Tgt Ion:154 Resp: 20454

Ion Ratio Lower Upper

154 100

153 109.4 87.8 131.6

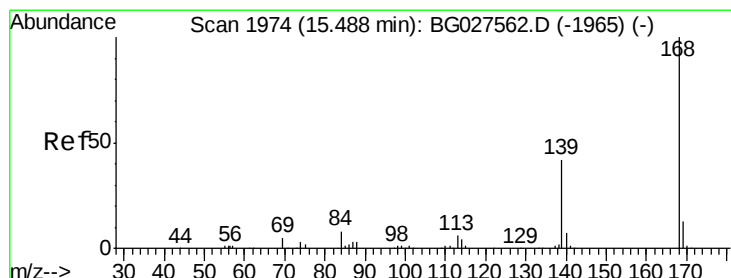
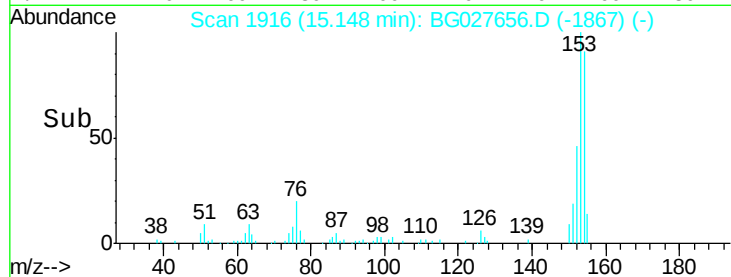
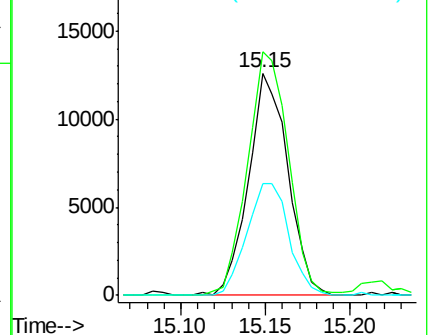
152 50.4 42.2 63.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 2.086 ng

RT: 15.48 min Scan# 1973

Delta R.T. -0.00 min

Lab File: BG027656.D

Acq: 24 Jun 2017 12:51

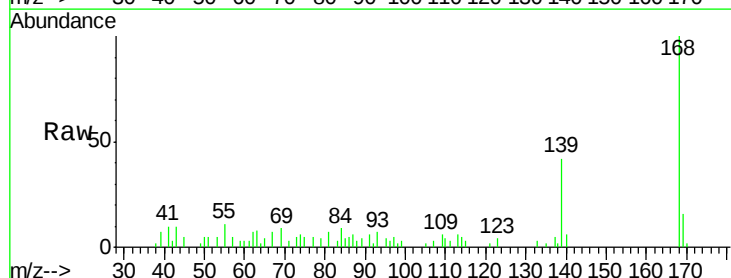
Tgt Ion:168 Resp: 11870

Ion Ratio Lower Upper

168 100

139 42.1 35.3 52.9

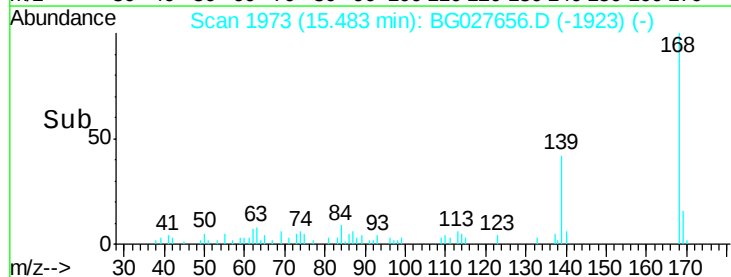
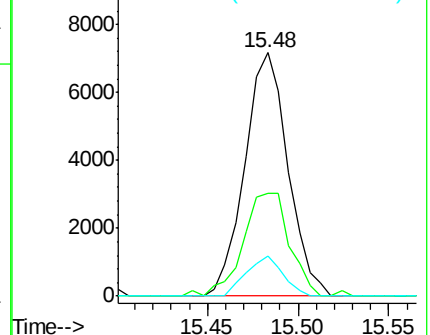
169 16.3 11.5 17.3

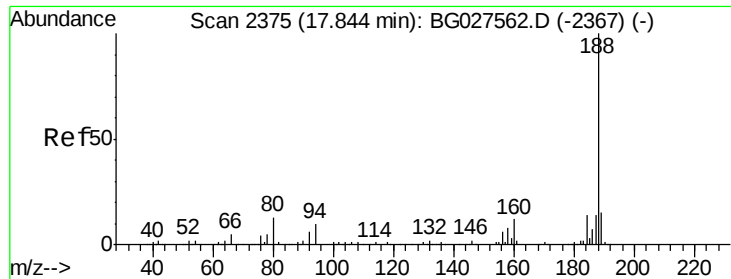


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

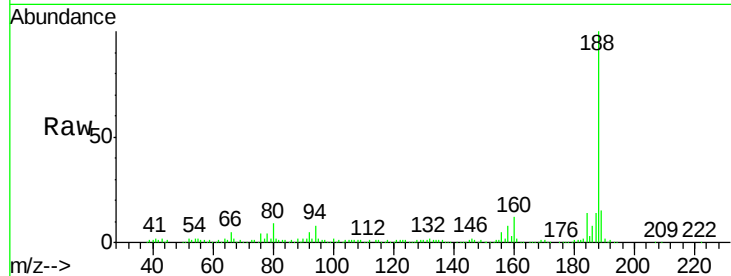




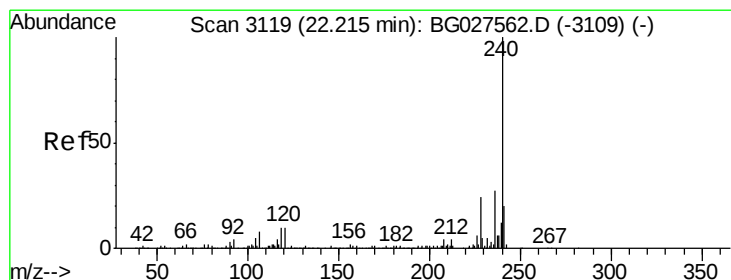
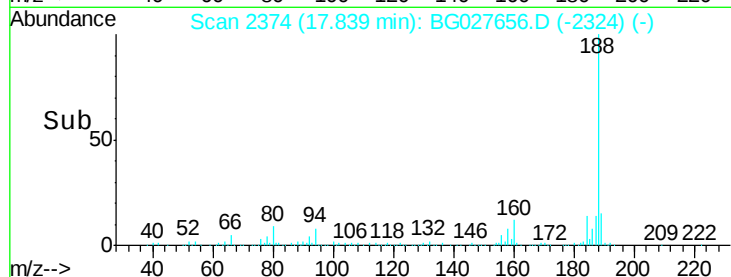
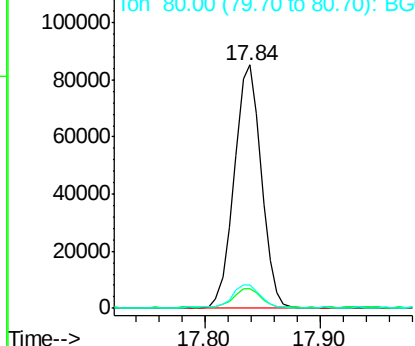
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.84 min Scan# 2374
Delta R.T. -0.00 min
Lab File: BG027656.D
Acq: 24 Jun 2017 12:51

Instrument :
BNA_G
ClientSampleId :
MW-103S

Tgt Ion:188 Resp: 138338
Ion Ratio Lower Upper
188 100
94 8.1 5.8 8.8
80 9.4 7.5 11.3

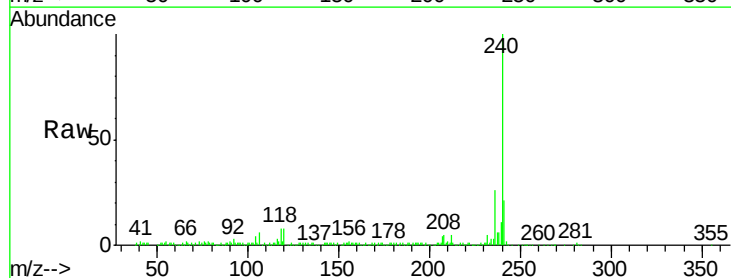


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

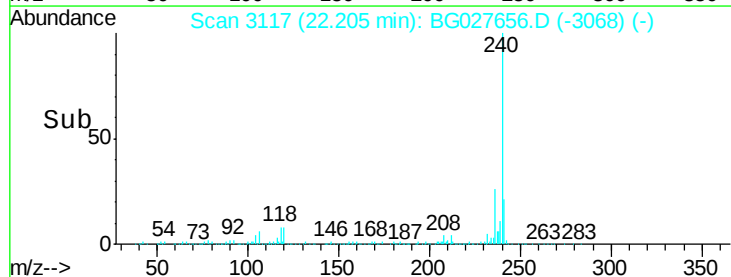
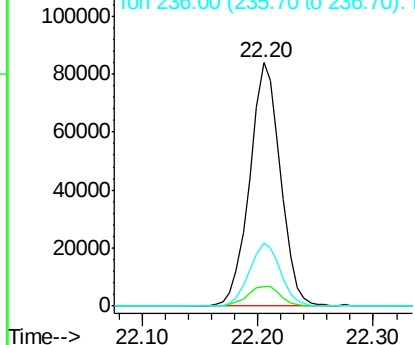


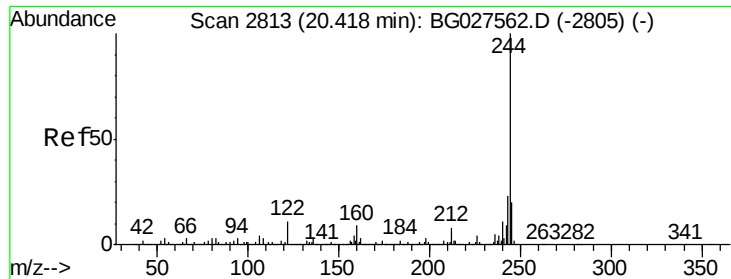
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.20 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BG027656.D
Acq: 24 Jun 2017 12:51

Tgt Ion:240 Resp: 155262
Ion Ratio Lower Upper
240 100
120 7.9 5.7 8.5
236 26.2 22.2 33.4



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: 95.487 ng

RT: 20.41 min Scan# 2812

Delta R.T. -0.00 min

Lab File: BG027656.D

Acq: 24 Jun 2017 12:51

Instrument :

BNA_G

ClientSampleId :

MW-103S

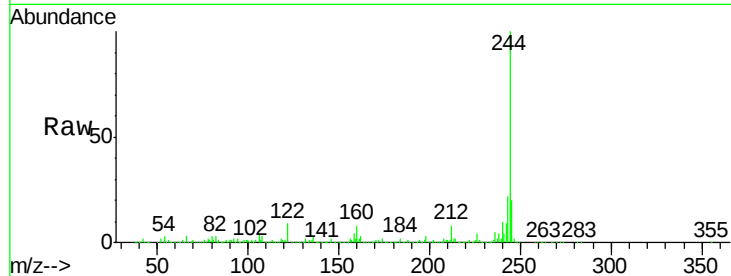
Tgt Ion:244 Resp: 629241

Ion Ratio Lower Upper

244 100

212 8.3 10.0 15.0#

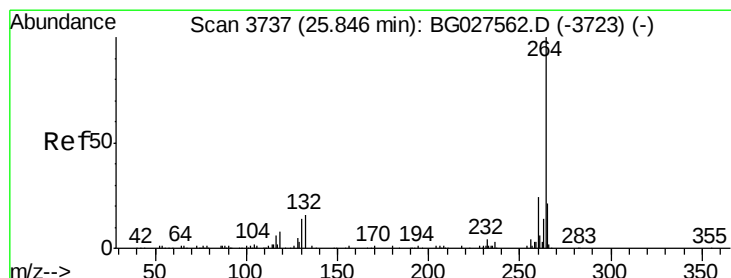
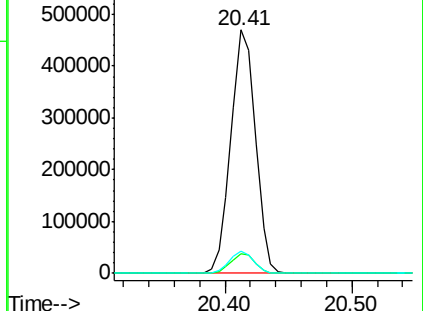
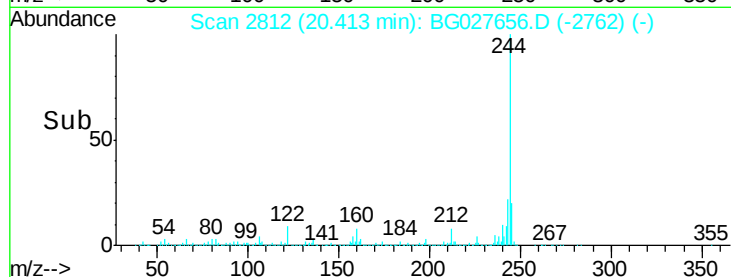
122 9.1 8.6 12.8



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: 25.85 min Scan# 3737

Delta R.T. 0.00 min

Lab File: BG027656.D

Acq: 24 Jun 2017 12:51

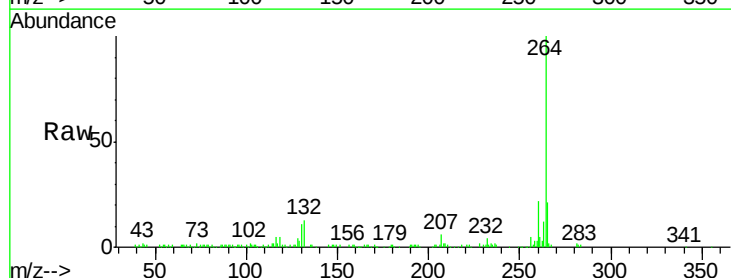
Tgt Ion:264 Resp: 147245

Ion Ratio Lower Upper

264 100

260 22.3 21.8 32.8

265 21.4 18.2 27.4



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

