

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
 Data File : BG023912.D
 Acq On : 26 Aug 2016 4:29
 Operator : UM/SJ
 Sample : H4588-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-01

Quant Time: Aug 26 06:56:05 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 24 17:42:04 2016
 Response via : Initial Calibration

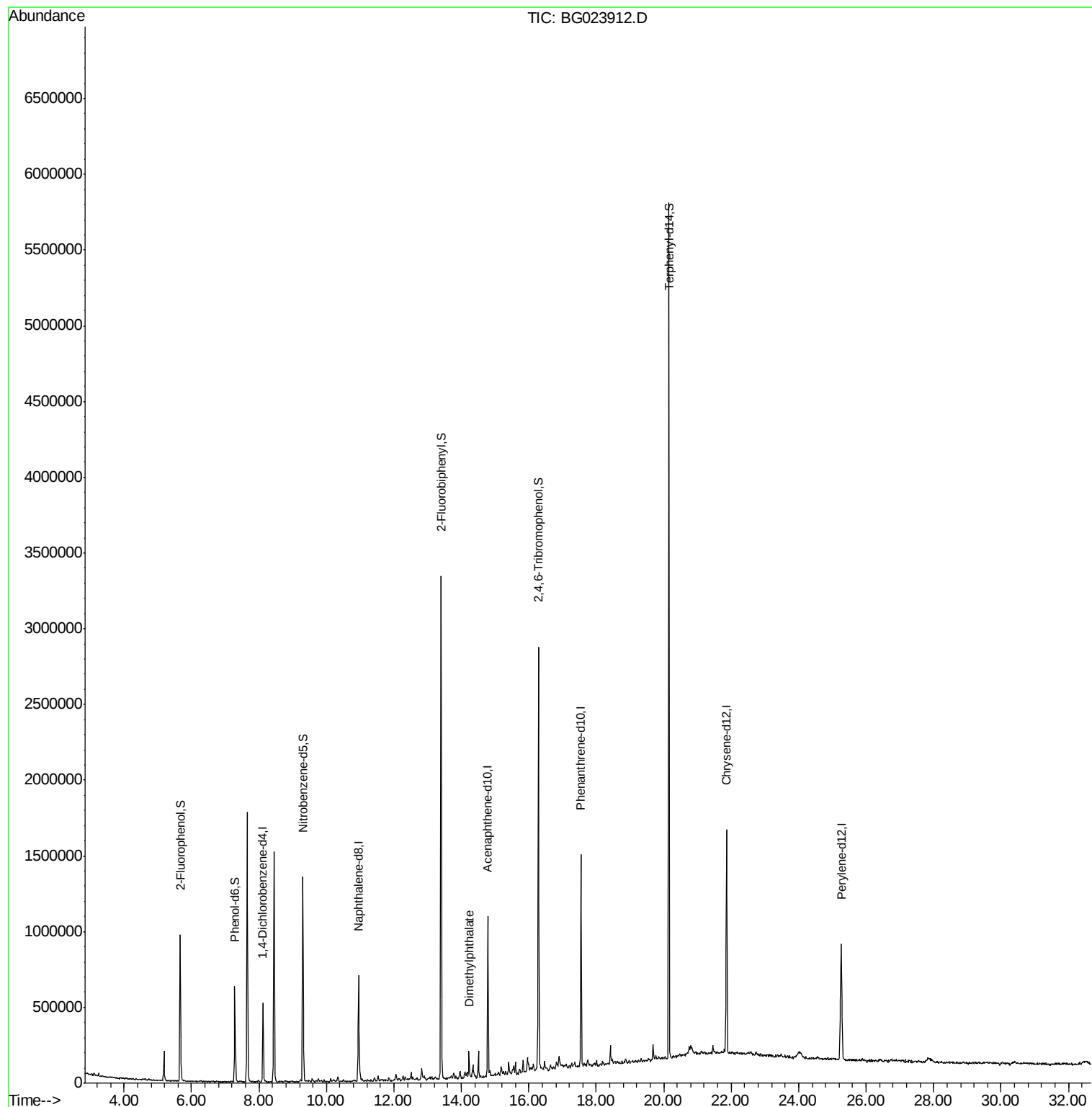
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	133220	20.00	ng	0.02
21) Naphthalene-d8	10.96	136	582313	20.00	ng	0.02
38) Acenaphthene-d10	14.78	164	361971	20.00	ng	0.01
63) Phenanthrene-d10	17.55	188	841225	20.00	ng	0.02
75) Chrysene-d12	21.86	240	894462	20.00	ng	0.01
86) Perylene-d12	25.26	264	874102	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	424744	53.67	ng	0.02
7) Phenol-d6	7.29	99	387785	31.46	ng	0.03
23) Nitrobenzene-d5	9.30	82	878517	75.00	ng	0.02
41) 2,4,6-Tribromophenol	16.28	330	474106	89.55	ng	0.02
44) 2-Fluorobiphenyl	13.40	172	1644866	76.65	ng	0.02
78) Terphenyl-d14	20.15	244	2164175	73.02	ng	0.01
Target Compounds						
49) Dimethylphthalate	14.23	163	101077	3.64	ng	Qvalue # 94

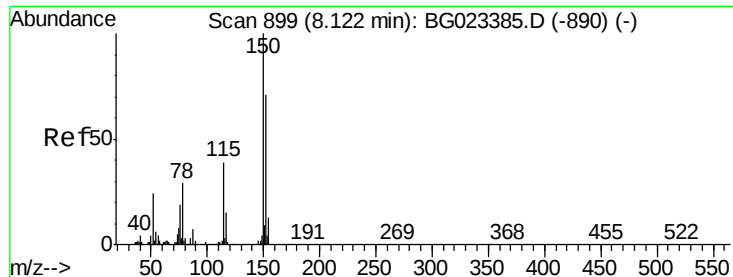
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 899

Delta R.T. 0.02 min

Lab File: BG023912.D

Acq: 26 Aug 2016 4:29

Instrument :

BNA_G

ClientSampleId :

MW-01

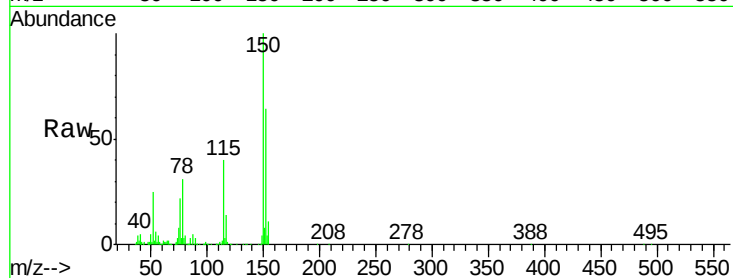
Tgt Ion:152 Resp: 133220

Ion Ratio Lower Upper

152 100

150 157.1 144.7 217.1

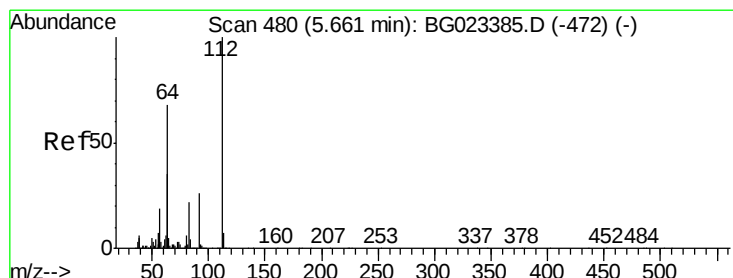
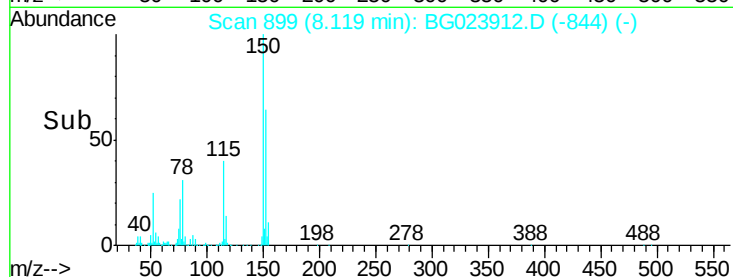
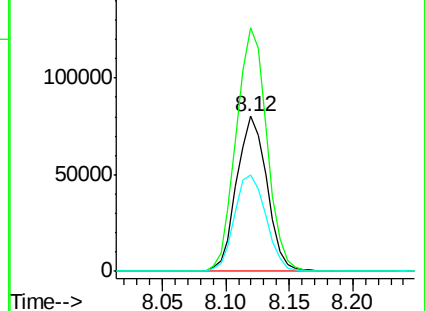
115 62.6 64.0 96.0#



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: 53.67 ng

RT: 5.66 min Scan# 481

Delta R.T. 0.02 min

Lab File: BG023912.D

Acq: 26 Aug 2016 4:29

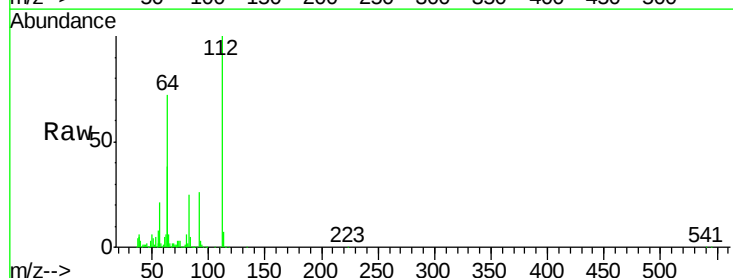
Tgt Ion:112 Resp: 424744

Ion Ratio Lower Upper

112 100

64 72.0 59.0 88.4

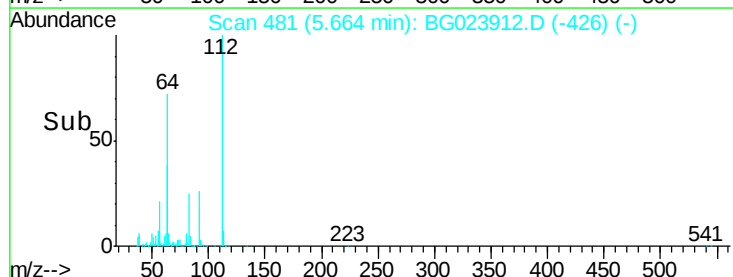
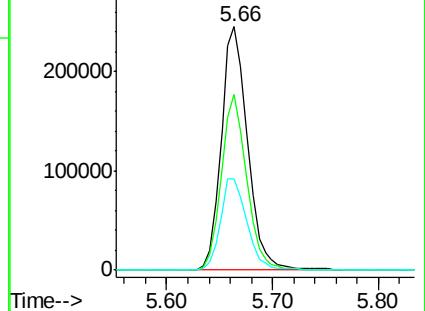
63 37.6 37.8 56.8#

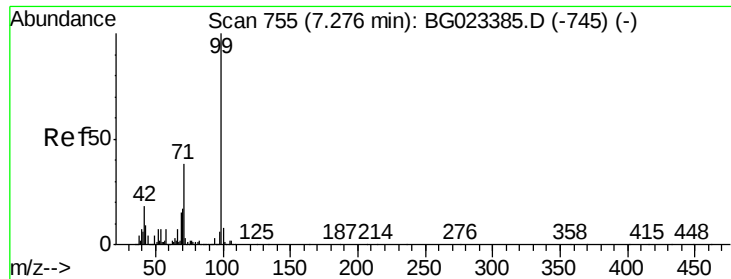


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 31.46 ng

RT: 7.29 min Scan# 757

Delta R.T. 0.03 min

Lab File: BG023912.D

Acq: 26 Aug 2016 4:29

Instrument :

BNA_G

ClientSampled :

MW-01

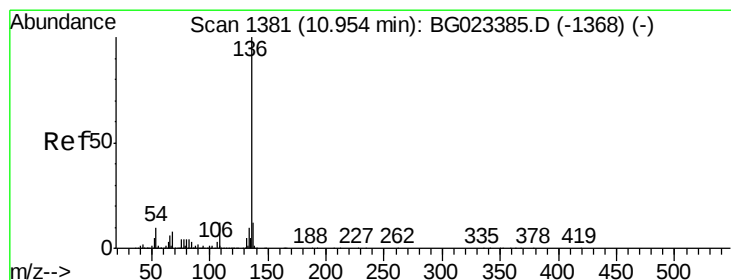
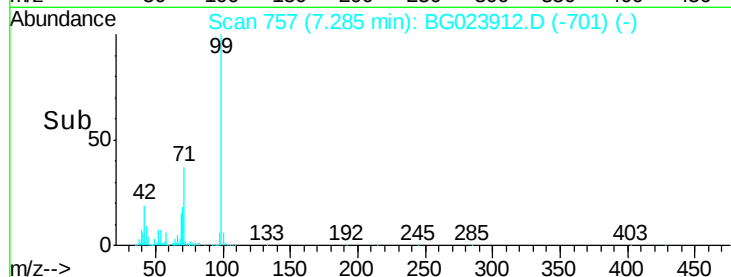
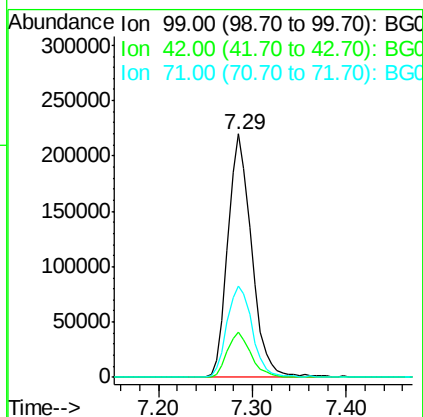
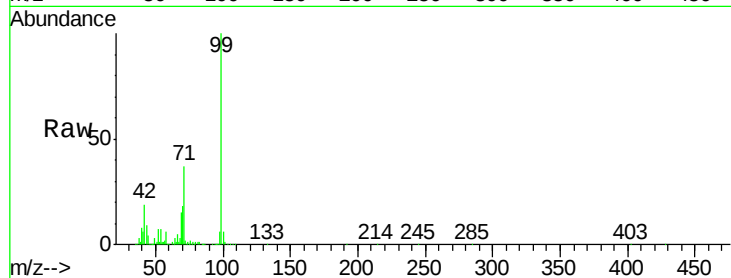
Tgt Ion: 99 Resp: 387785

Ion Ratio Lower Upper

99 100

42 18.8 17.8 26.6

71 37.5 41.5 62.3#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.96 min Scan# 1382

Delta R.T. 0.02 min

Lab File: BG023912.D

Acq: 26 Aug 2016 4:29

Tgt Ion: 136 Resp: 582313

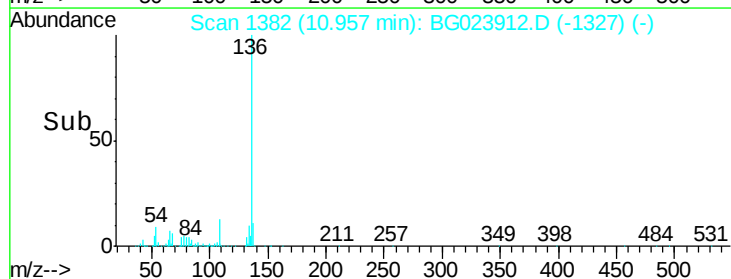
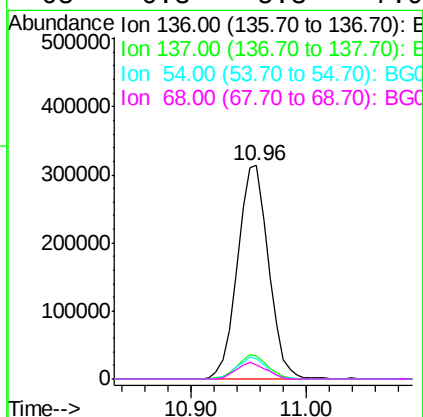
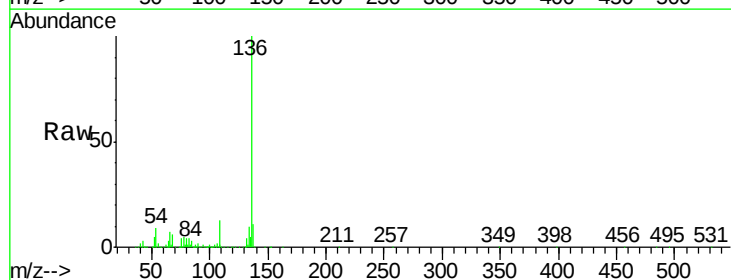
Ion Ratio Lower Upper

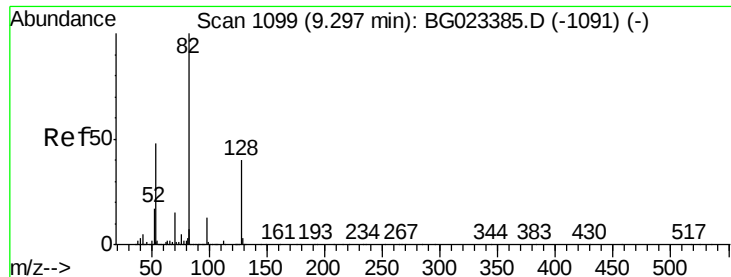
136 100

137 10.8 9.6 14.4

54 9.4 7.3 10.9

68 6.3 5.3 7.9





#23

Nitrobenzene-d5

Concen: 75.00 ng

RT: 9.30 min Scan# 1100

Delta R.T. 0.02 min

Lab File: BG023912.D

Acq: 26 Aug 2016 4:29

Instrument :

BNA_G

ClientSampleId :

MW-01

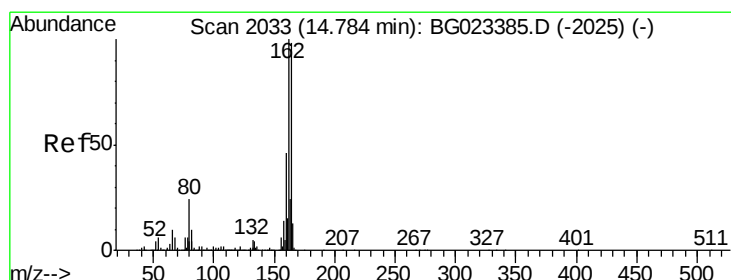
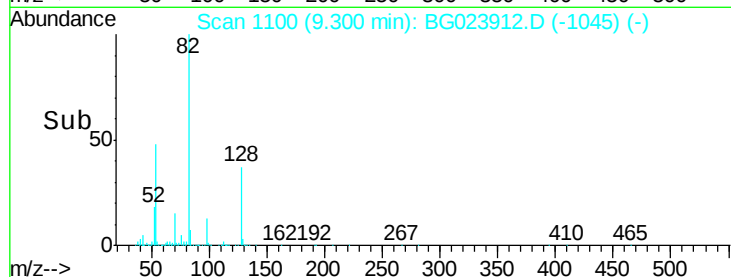
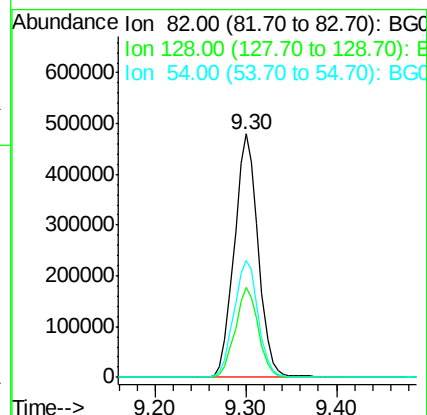
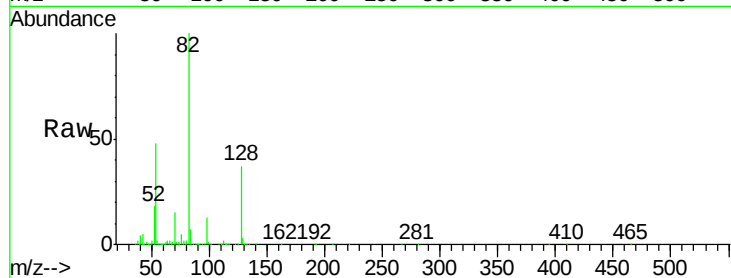
Tgt Ion: 82 Resp: 878517

Ion Ratio Lower Upper

82 100

128 36.7 24.4 36.6#

54 47.9 41.4 62.0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.78 min Scan# 2033

Delta R.T. 0.01 min

Lab File: BG023912.D

Acq: 26 Aug 2016 4:29

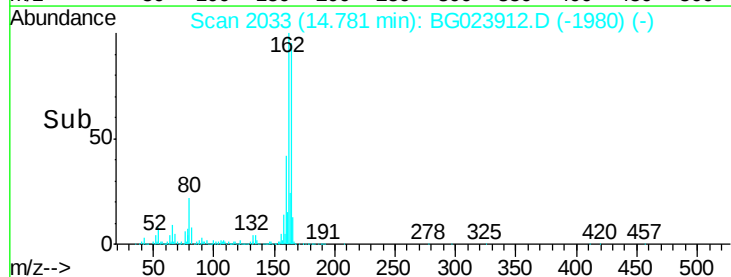
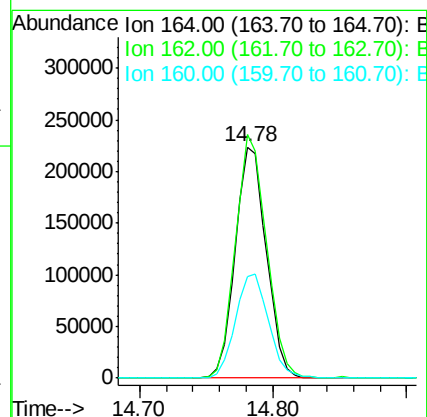
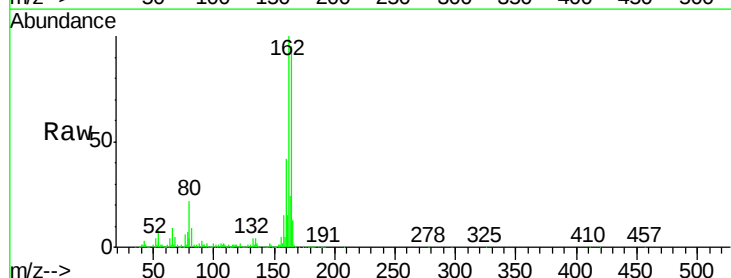
Tgt Ion: 164 Resp: 361971

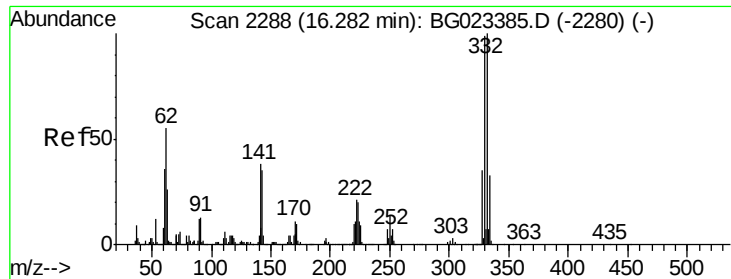
Ion Ratio Lower Upper

164 100

162 105.4 87.7 131.5

160 44.0 37.2 55.8





#41

2,4,6-Tribromophenol

Concen: 89.55 ng

RT: 16.28 min Scan# 2289

Delta R.T. 0.02 min

Lab File: BG023912.D

Acq: 26 Aug 2016 4:29

Instrument :

BNA_G

ClientSampleId :

MW-01

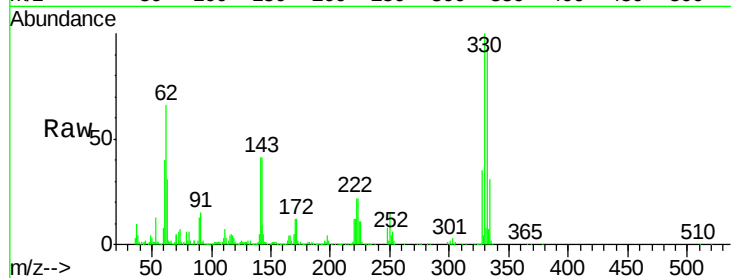
Tgt Ion:330 Resp: 474106

Ion Ratio Lower Upper

330 100

332 95.9 77.4 116.2

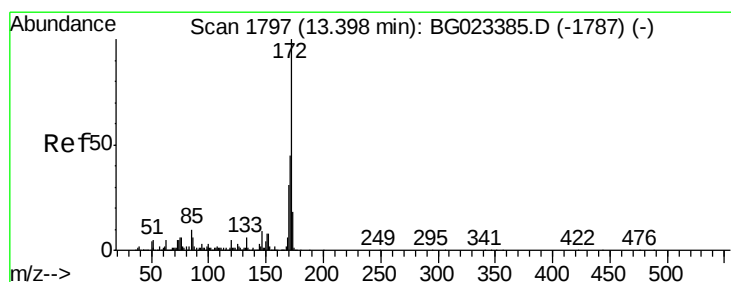
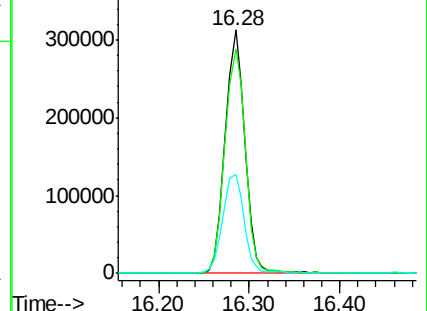
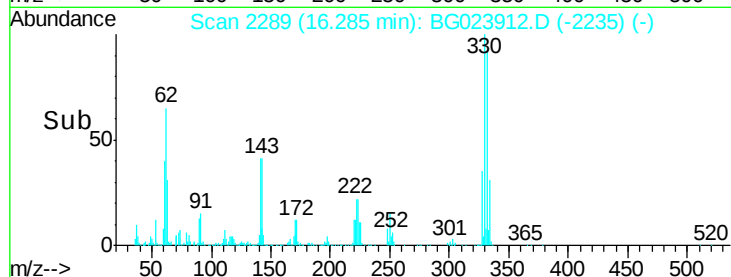
141 43.3 31.7 47.5



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: 76.65 ng

RT: 13.40 min Scan# 1798

Delta R.T. 0.02 min

Lab File: BG023912.D

Acq: 26 Aug 2016 4:29

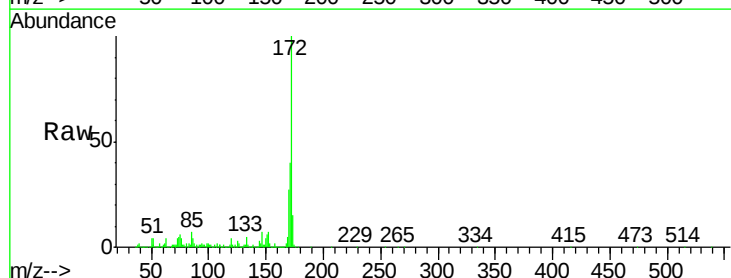
Tgt Ion:172 Resp: 1644866

Ion Ratio Lower Upper

172 100

171 39.9 31.6 47.4

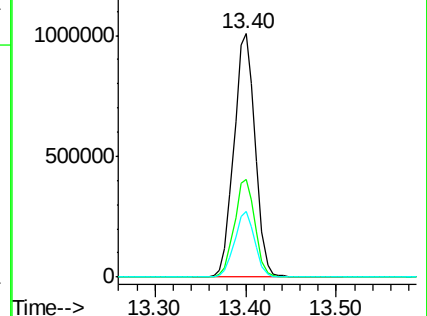
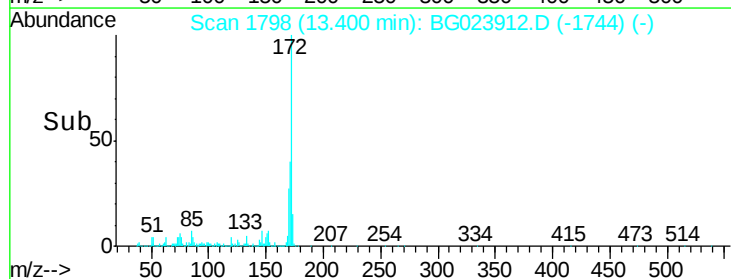
170 27.1 21.3 31.9

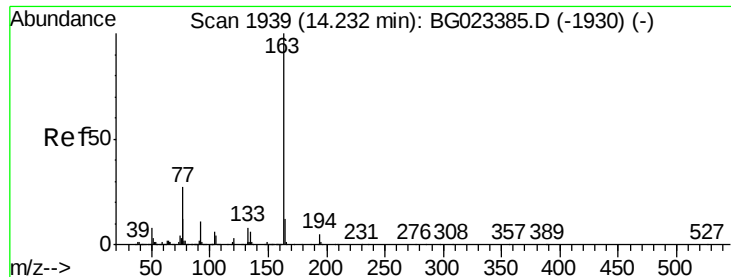


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 3.64 ng

RT: 14.23 min Scan# 1939

Delta R.T. 0.01 min

Lab File: BG023912.D

Acq: 26 Aug 2016 4:29

Instrument :

BNA_G

ClientSampleId :

MW-01

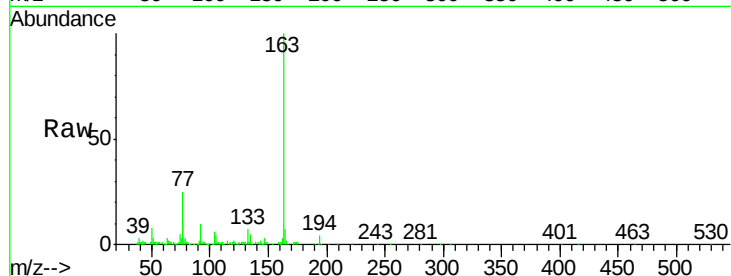
Tgt Ion:163 Resp: 101077

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

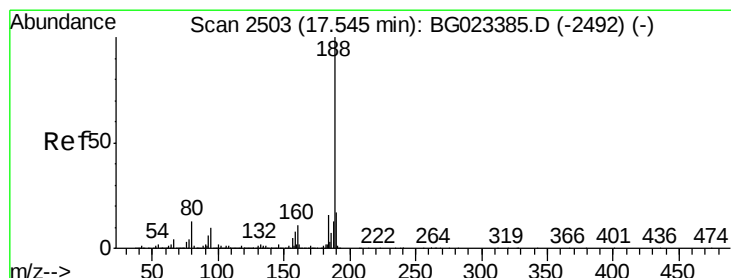
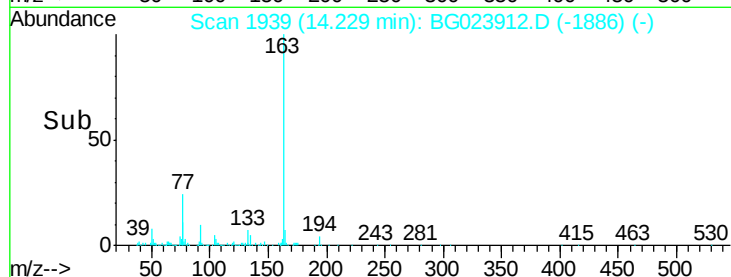
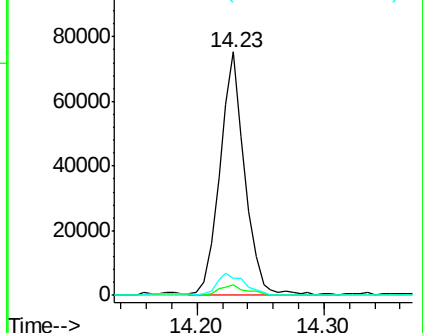
164 6.8 8.1 12.1#



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: 20.00 ng

RT: 17.55 min Scan# 2504

Delta R.T. 0.02 min

Lab File: BG023912.D

Acq: 26 Aug 2016 4:29

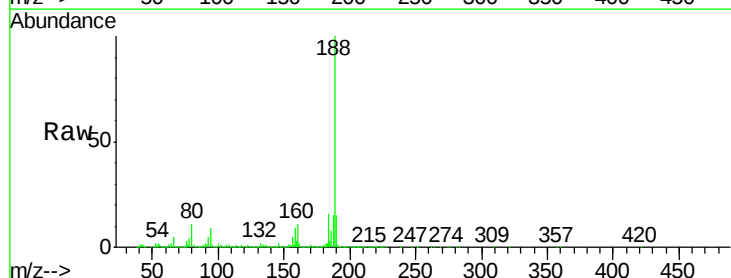
Tgt Ion:188 Resp: 841225

Ion Ratio Lower Upper

188 100

94 9.3 5.2 7.8#

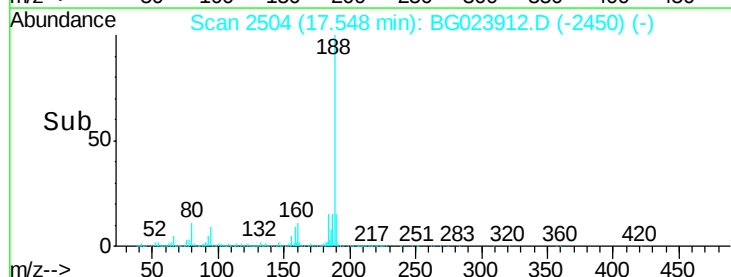
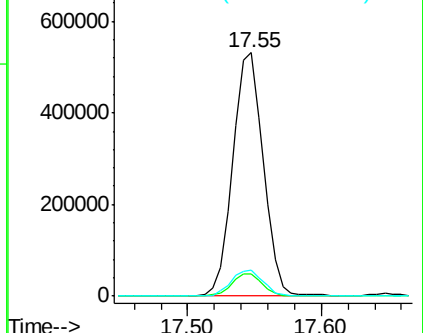
80 10.9 7.2 10.8#

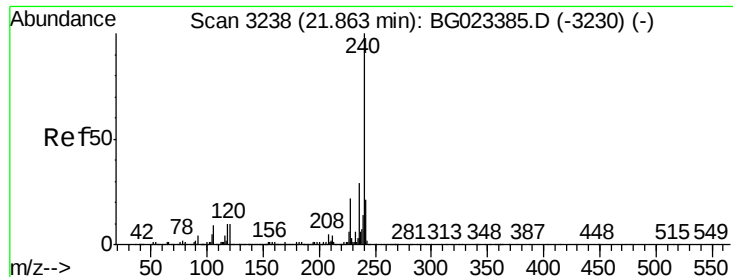


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.86 min Scan# 3238

Delta R.T. 0.01 min

Lab File: BG023912.D

Acq: 26 Aug 2016 4:29

Instrument :

BNA_G

ClientSampleId :

MW-01

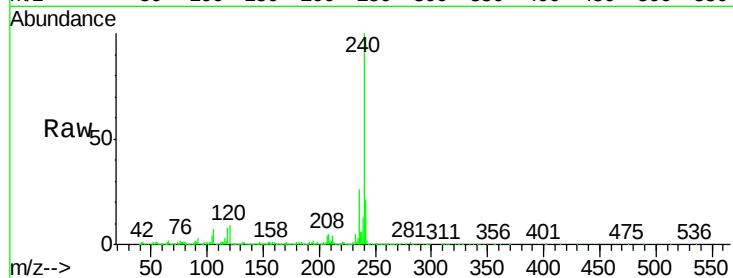
Tgt Ion:240 Resp: 894462

Ion Ratio Lower Upper

240 100

120 9.2 4.1 6.1#

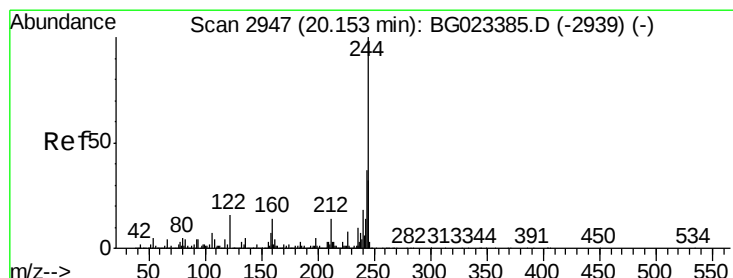
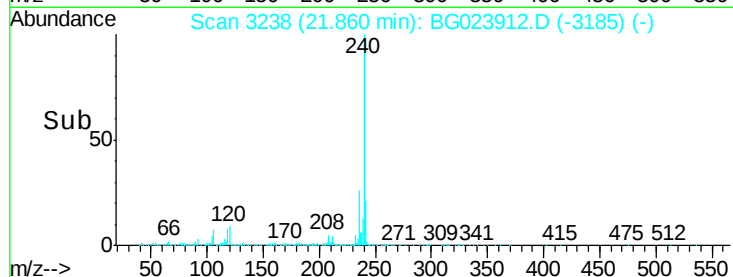
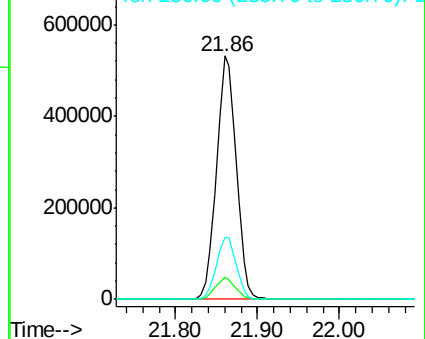
236 25.5 21.1 31.7



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: 73.02 ng

RT: 20.15 min Scan# 2947

Delta R.T. 0.01 min

Lab File: BG023912.D

Acq: 26 Aug 2016 4:29

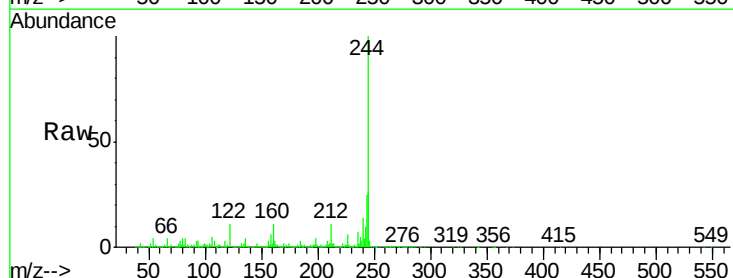
Tgt Ion:244 Resp: 2164175

Ion Ratio Lower Upper

244 100

212 11.0 10.8 16.2

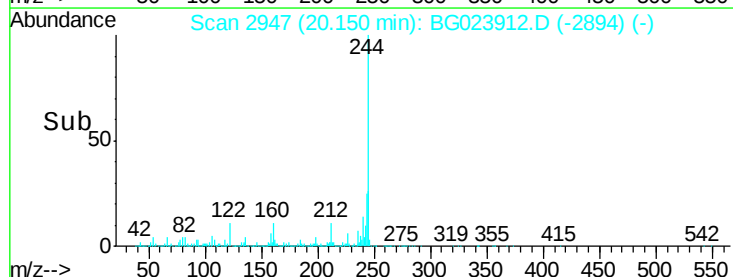
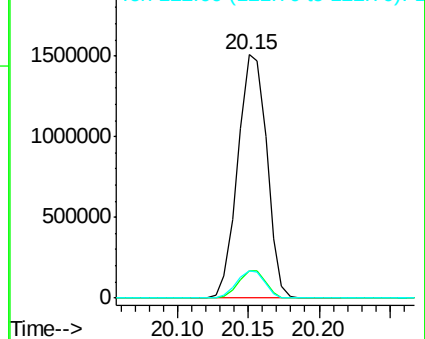
122 11.3 8.0 12.0

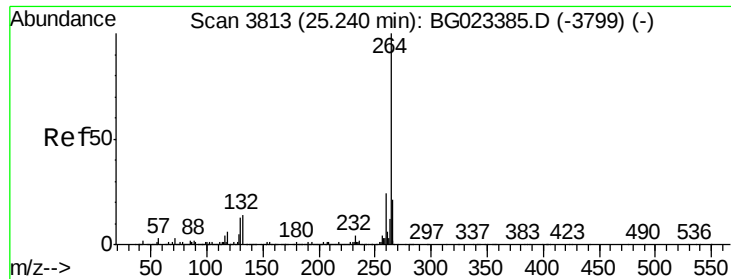


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Perylene-d12

Concen: 20.00 ng

RT: 25.26 min Scan# 3817

Delta R.T. 0.04 min

Lab File: BG023912.D

Acq: 26 Aug 2016 4:29

Instrument :

BNA_G

ClientSampleId :

MW-01

Tgt Ion:264 Resp: 874102

Ion Ratio Lower Upper

264 100

260 22.2 18.4 27.6

265 22.5 18.9 28.3

