

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071116\
 Data File : BG023011.D
 Acq On : 11 Jul 2016 21:58
 Operator : UM/SJ
 Sample : H3960-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-59-070716

Quant Time: Jul 12 04:30:49 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 16:51:07 2016
 Response via : Initial Calibration

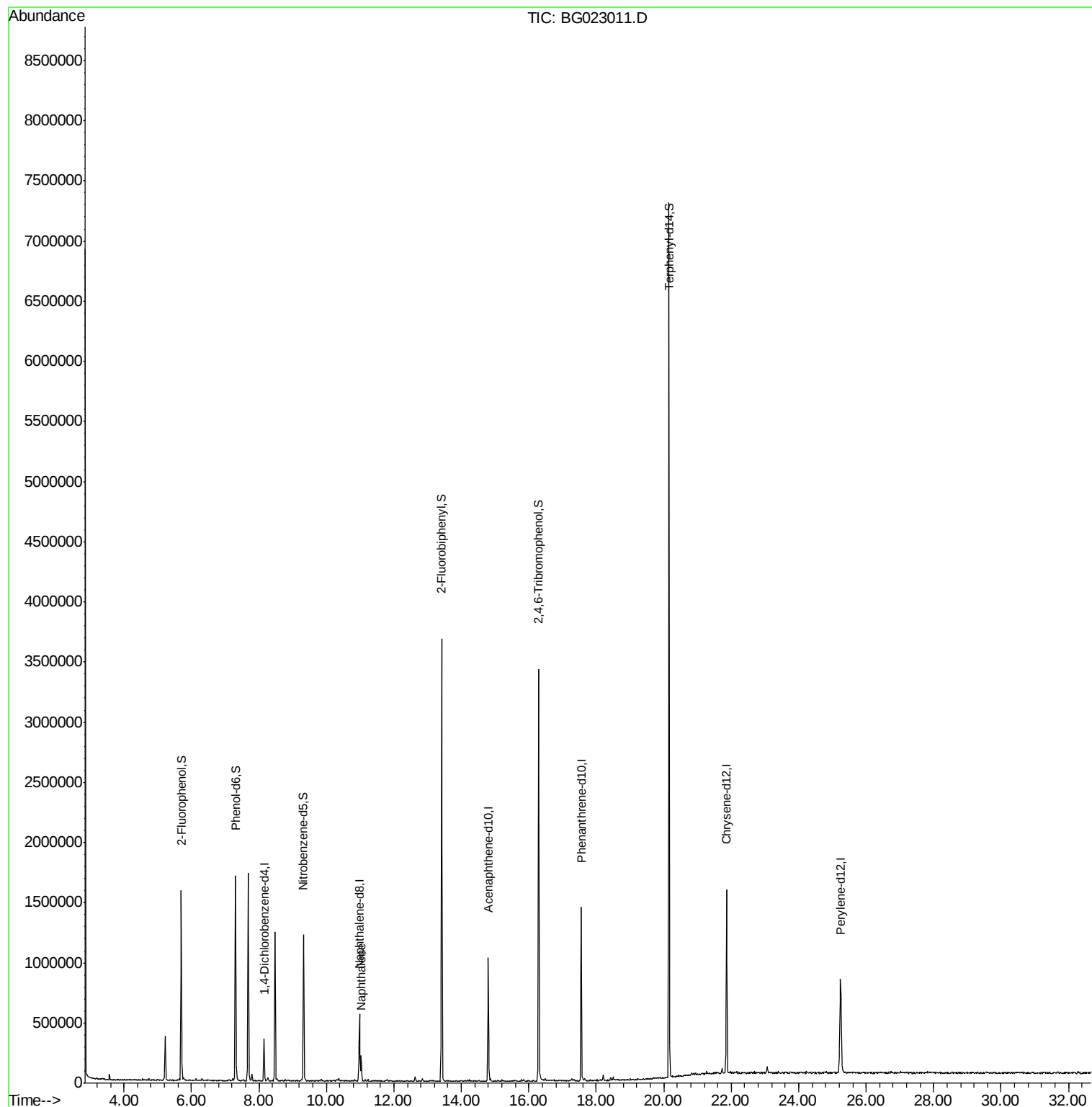
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	89655	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	430131	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	363512	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	863201	20.00	ng	0.00
75) Chrysene-d12	21.86	240	953793	20.00	ng	0.01
86) Perylene-d12	25.24	264	964044	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	621985	113.46	ng	0.00
7) Phenol-d6	7.31	99	930783	108.41	ng	0.00
23) Nitrobenzene-d5	9.32	82	788930	78.54	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	638609	97.75	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1767195	76.57	ng	0.00
78) Terphenyl-d14	20.16	244	2751195	96.17	ng	0.00
Target Compounds						
31) Naphthalene	11.03	128	171174	7.82	ng	Qvalue 98

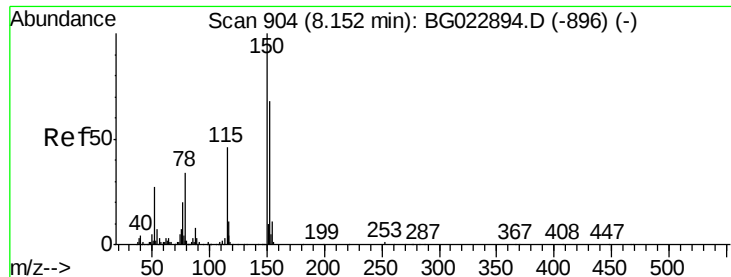
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 07 16:51:07 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 903

Delta R.T. -0.00 min

Lab File: BG023011.D

Acq: 11 Jul 2016 21:58

Instrument :

BNA_G

ClientSampleId :

HSR-WC-59-070716

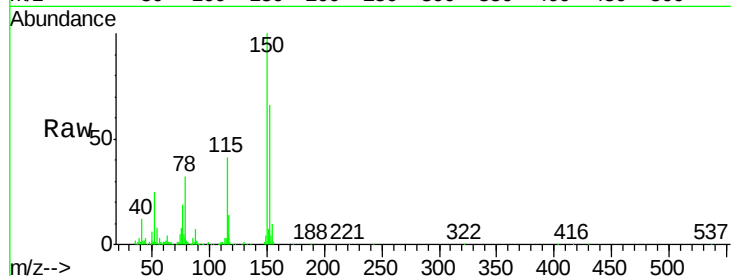
Tot Ion:152 Resp: 89655

Ion Ratio Lower Upper

152 100

150 152.3 144.7 217.1

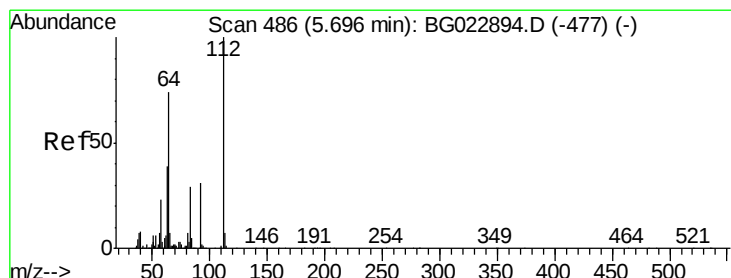
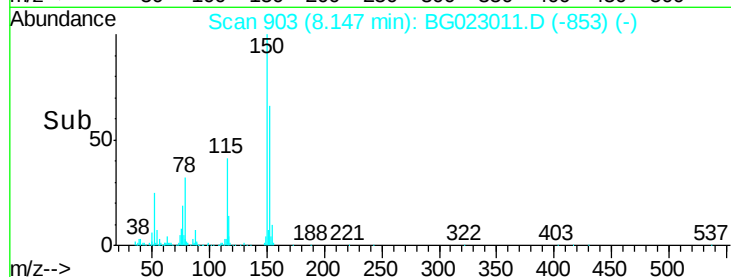
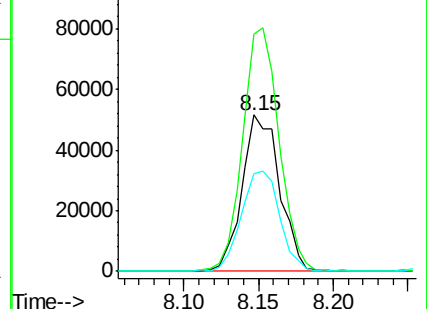
115 62.9 64.0 96.0#



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: 113.46 ng

RT: 5.70 min Scan# 486

Delta R.T. 0.00 min

Lab File: BG023011.D

Acq: 11 Jul 2016 21:58

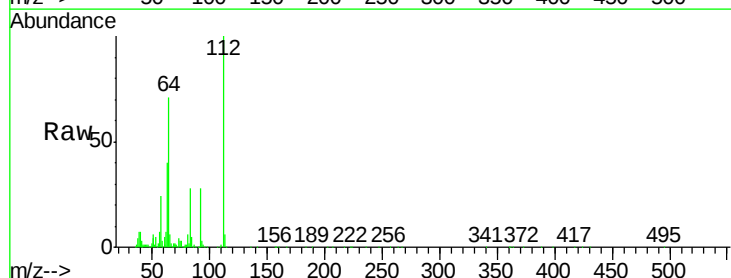
Tgt Ion:112 Resp: 621985

Ion Ratio Lower Upper

112 100

64 70.6 59.0 88.4

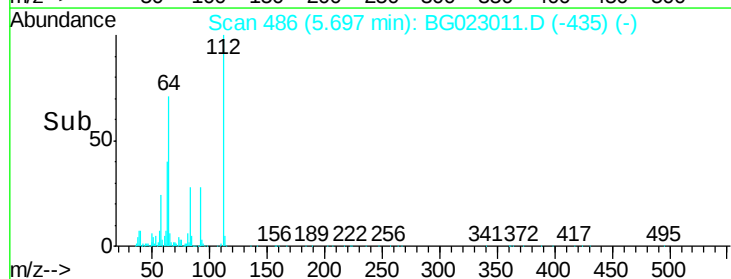
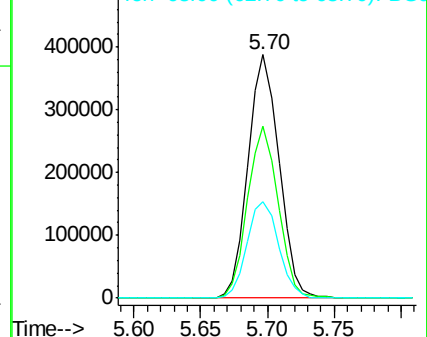
63 39.7 37.8 56.8

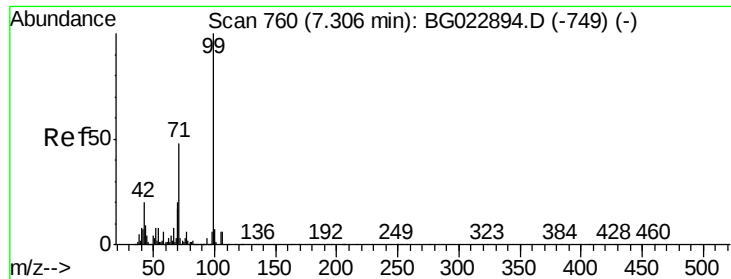


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 108.41 ng

RT: 7.31 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG023011.D

Acq: 11 Jul 2016 21:58

Instrument :

BNA_G

ClientSampleId :

HSR-WC-59-070716

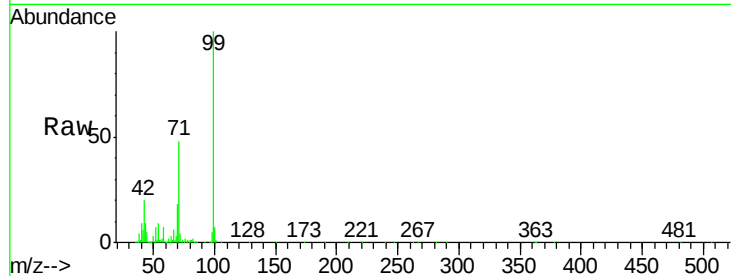
Tot Ion: 99 Resp: 930783

Ion Ratio Lower Upper

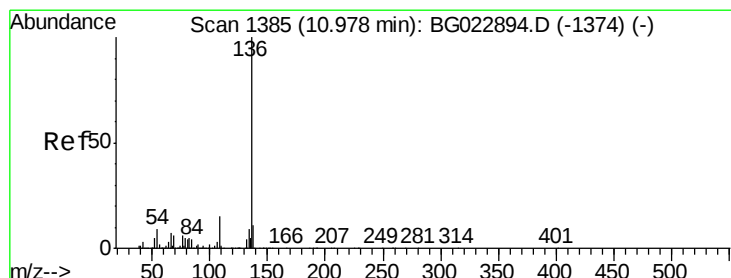
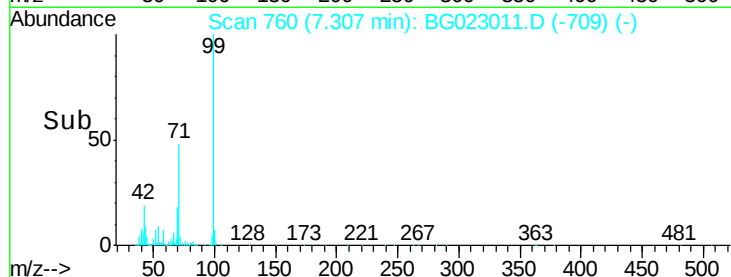
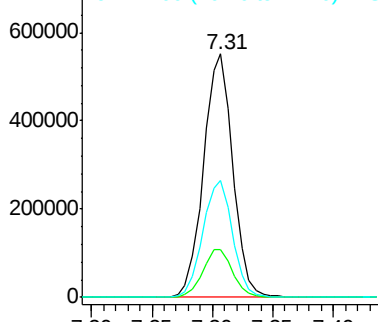
99 100

42 19.5 17.8 26.6

71 48.3 41.5 62.3



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: 20.00 ng

RT: 10.98 min Scan# 1385

Delta R.T. 0.00 min

Lab File: BG023011.D

Acq: 11 Jul 2016 21:58

Tgt Ion: 136 Resp: 430131

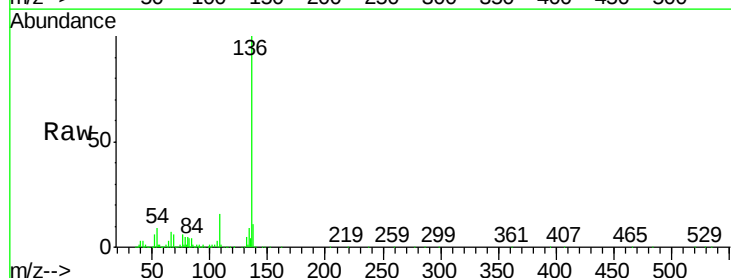
Ion Ratio Lower Upper

136 100

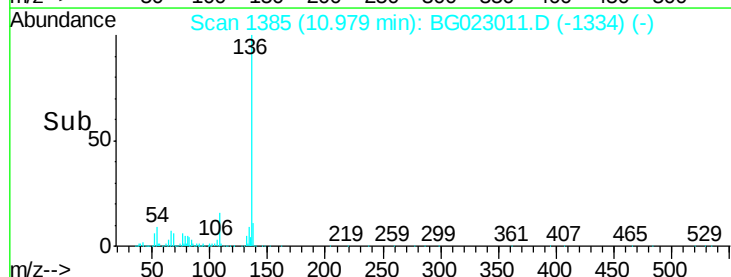
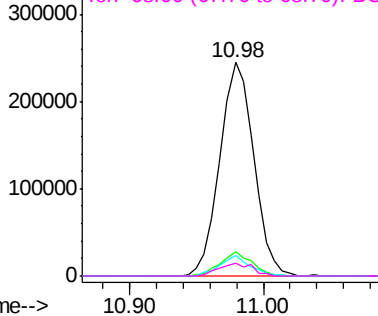
137 11.5 9.6 14.4

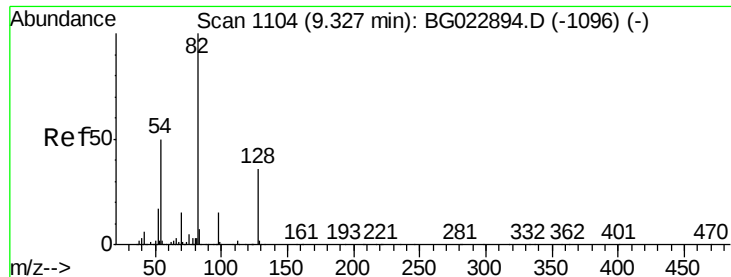
54 9.4 7.3 10.9

68 6.2 5.3 7.9



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: 78.54 ng

RT: 9.32 min Scan# 1103

Delta R.T. -0.00 min

Lab File: BG023011.D

Acq: 11 Jul 2016 21:58

Instrument :

BNA_G

ClientSampleId :

HSR-WC-59-070716

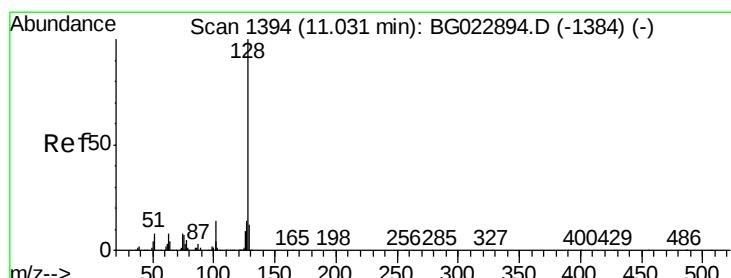
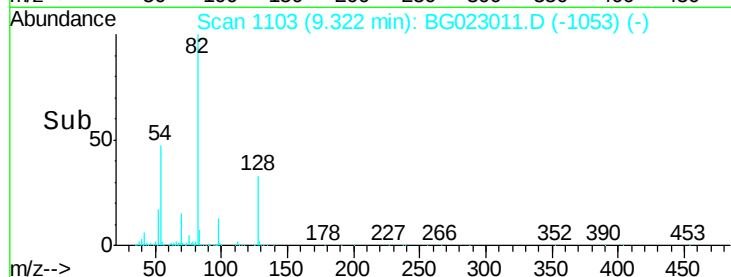
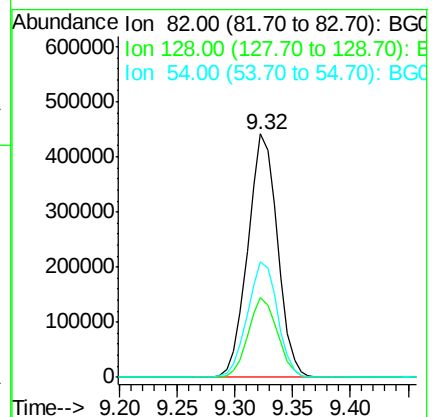
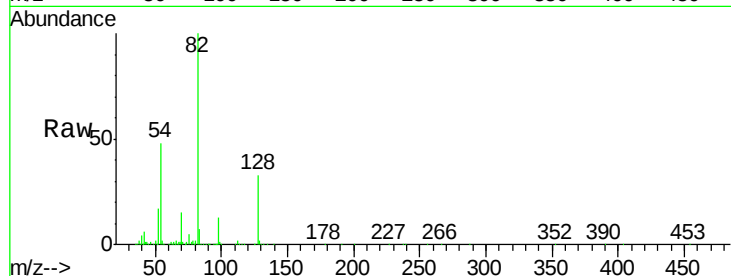
Tot Ion: 82 Resp: 788930

Ion Ratio Lower Upper

82 100

128 32.5 24.4 36.6

54 47.6 41.4 62.0



#31

Naphthalene

Concen: 7.82 ng

RT: 11.03 min Scan# 1394

Delta R.T. 0.00 min

Lab File: BG023011.D

Acq: 11 Jul 2016 21:58

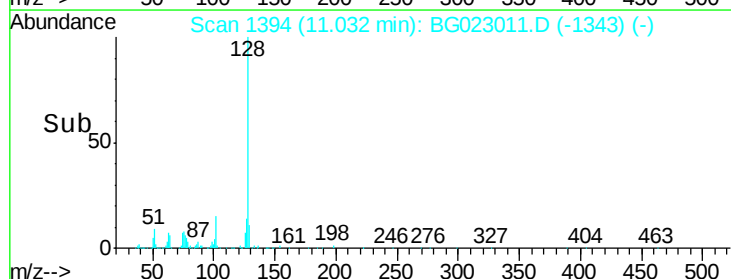
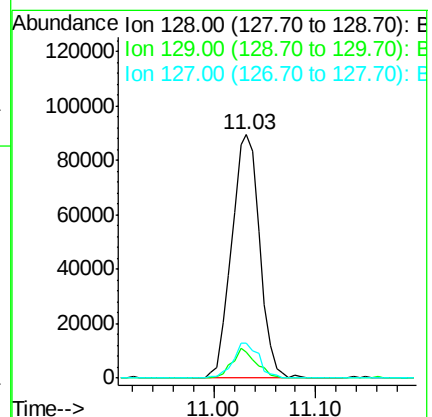
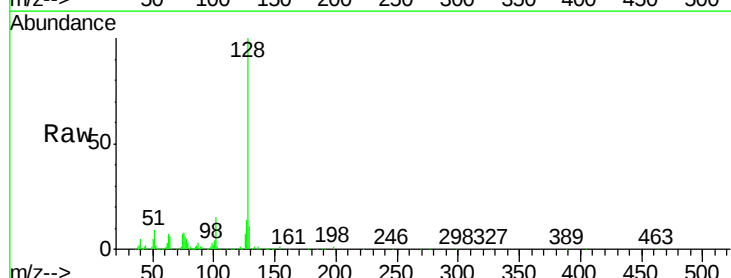
Tgt Ion: 128 Resp: 171174

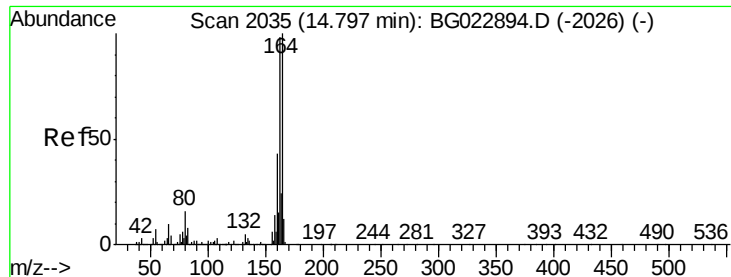
Ion Ratio Lower Upper

128 100

129 10.6 9.4 14.0

127 14.3 11.3 16.9





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BG023011.D

Acq: 11 Jul 2016 21:58

Instrument :

BNA_G

ClientSampleId :

HSR-WC-59-070716

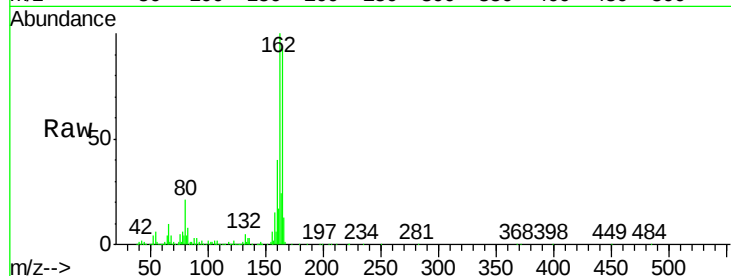
Tot Ion:164 Resp: 363512

Ion Ratio Lower Upper

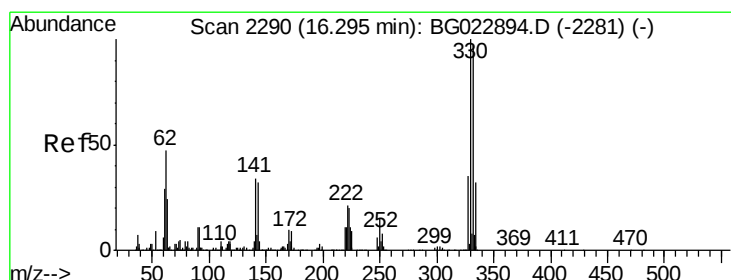
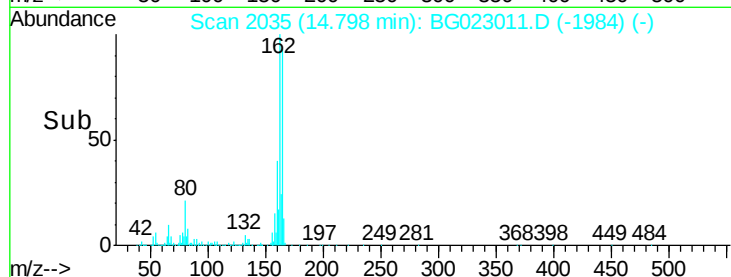
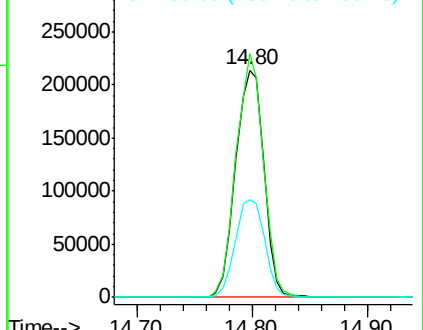
164 100

162 107.3 87.7 131.5

160 43.2 37.2 55.8



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: 97.75 ng

RT: 16.29 min Scan# 2289

Delta R.T. -0.00 min

Lab File: BG023011.D

Acq: 11 Jul 2016 21:58

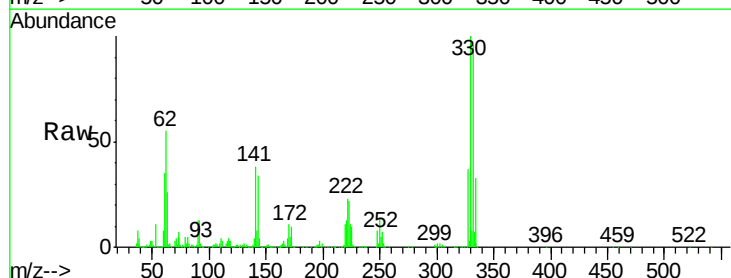
Tgt Ion:330 Resp: 638609

Ion Ratio Lower Upper

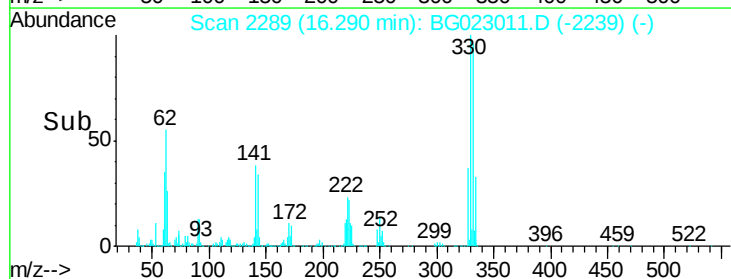
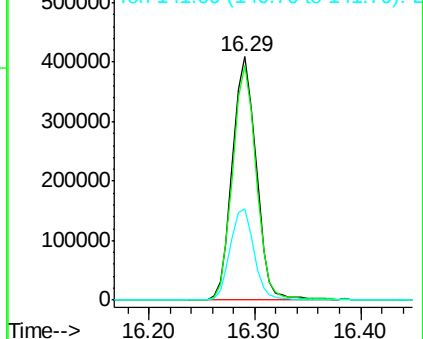
330 100

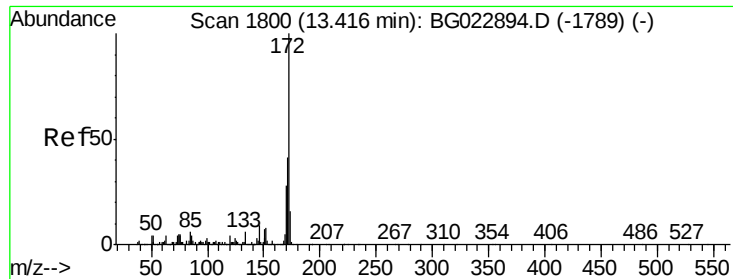
332 95.1 77.4 116.2

141 37.3 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



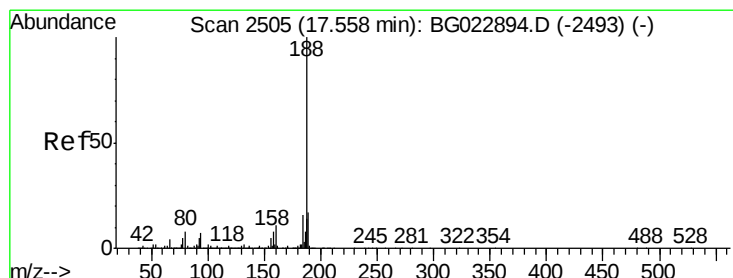
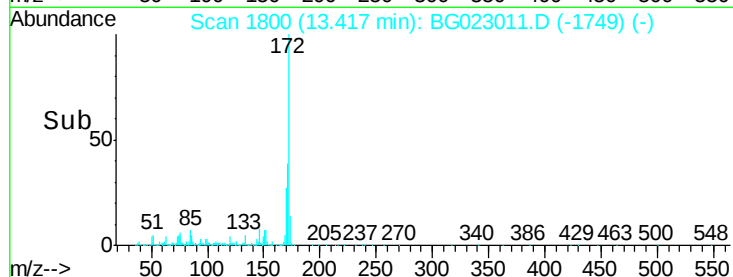
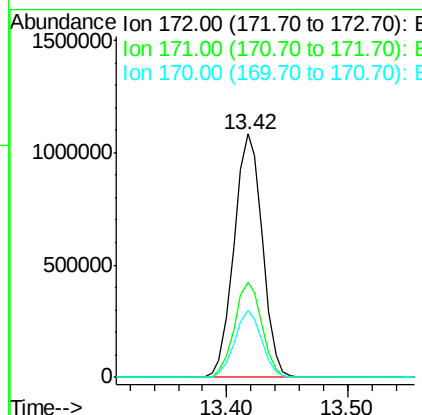
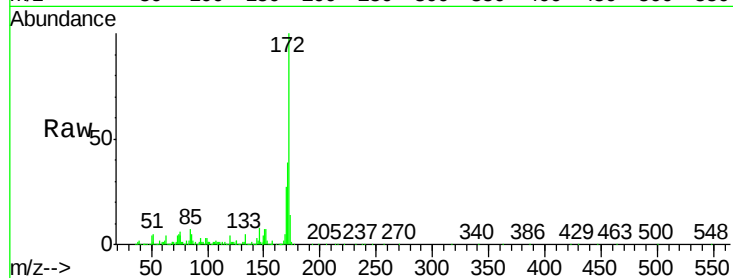


#44
 2-Fluorobiphenyl
 Concen: 76.57 ng
 RT: 13.42 min Scan# 1800
 Delta R.T. 0.00 min
 Lab File: BG023011.D
 Acq: 11 Jul 2016 21:58

Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-59-070716

Tot Ion:172 Resp: 1767195

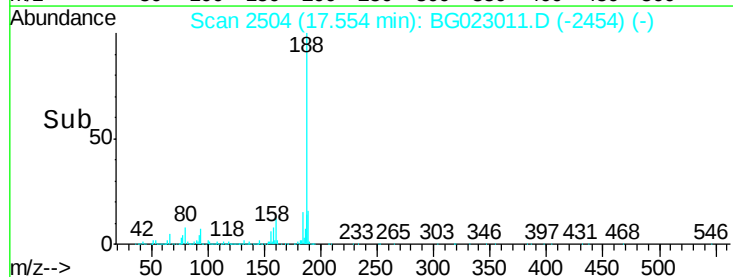
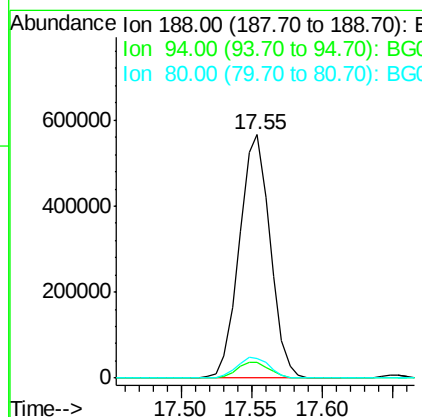
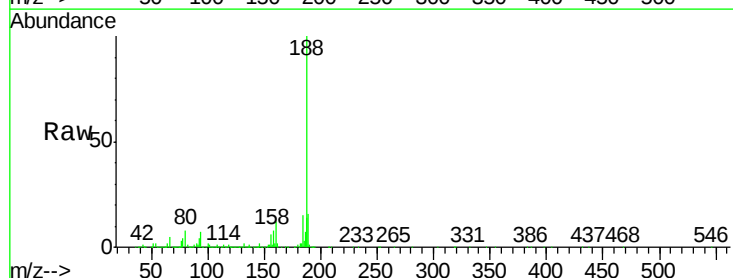
Ion	Ratio	Lower	Upper
172	100		
171	39.3	31.6	47.4
170	27.5	21.3	31.9

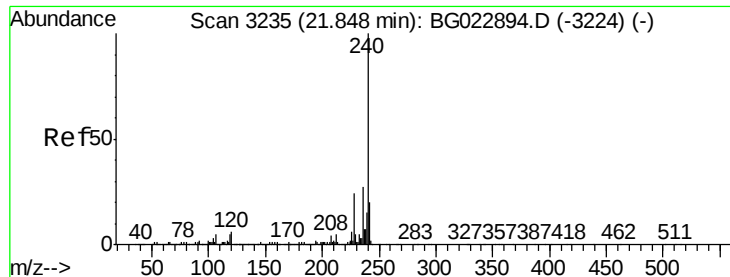


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.55 min Scan# 2504
 Delta R.T. -0.00 min
 Lab File: BG023011.D
 Acq: 11 Jul 2016 21:58

Tgt Ion:188 Resp: 863201

Ion	Ratio	Lower	Upper
188	100		
94	6.5	5.2	7.8
80	8.1	7.2	10.8

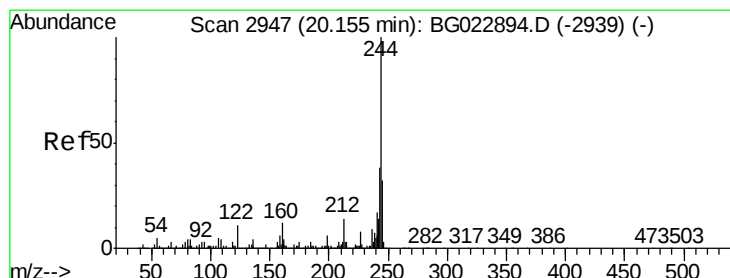
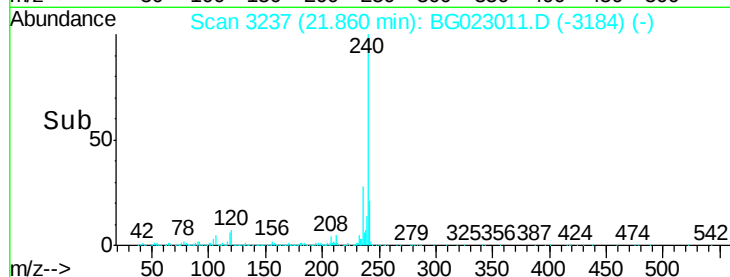
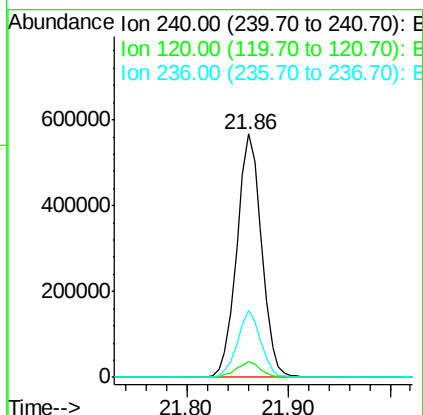
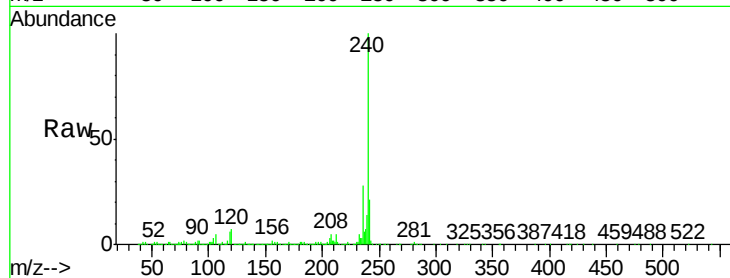




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 21.86 min Scan# 3237
 Delta R.T. 0.01 min
 Lab File: BG023011.D
 Acq: 11 Jul 2016 21:58

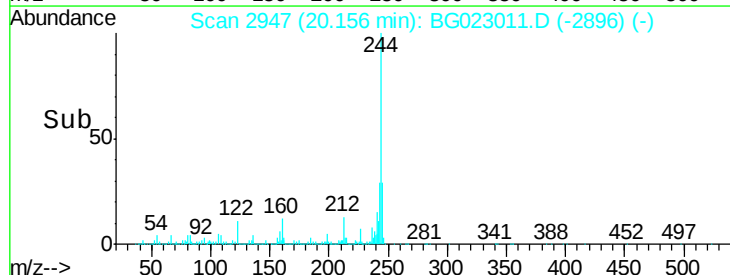
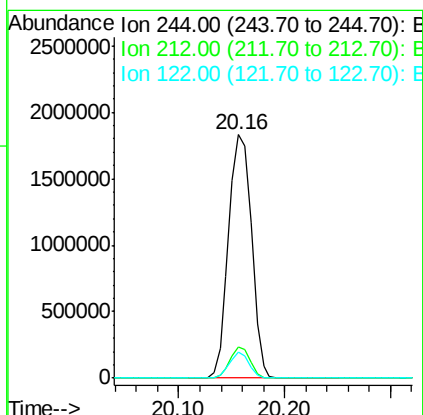
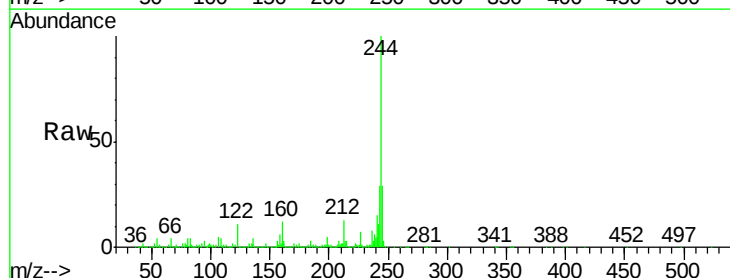
Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-59-070716

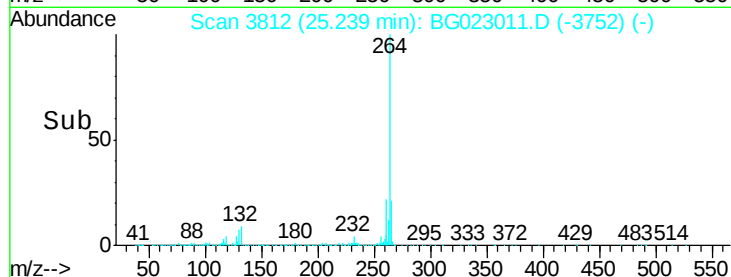
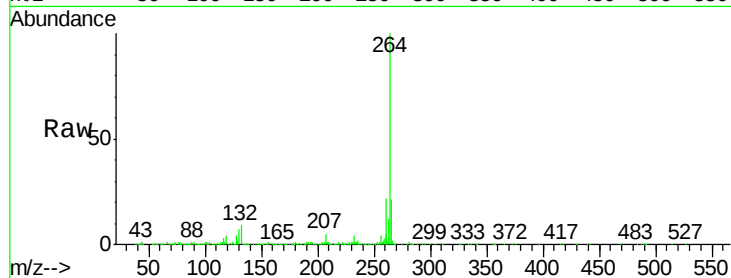
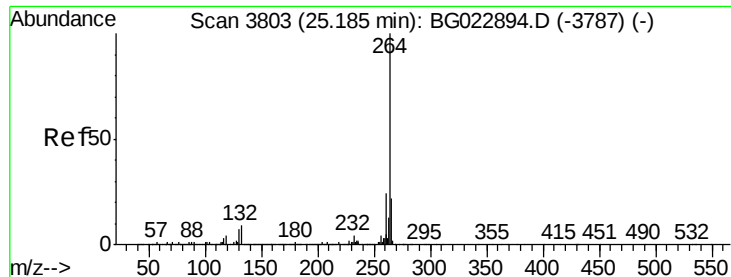
Tot Ion:240 Resp: 953793
 Ion Ratio Lower Upper
 240 100
 120 6.7 4.1 6.1#
 236 27.6 21.1 31.7



#78
 Terphenyl-d14
 Concen: 96.17 ng
 RT: 20.16 min Scan# 2947
 Delta R.T. 0.00 min
 Lab File: BG023011.D
 Acq: 11 Jul 2016 21:58

Tgt Ion:244 Resp: 2751195
 Ion Ratio Lower Upper
 244 100
 212 12.9 10.8 16.2
 122 10.9 8.0 12.0





#86

Pervlene-d12

Concen: 20.00 ng

RT: 25.24 min Scan# 3812

Delta R.T. 0.05 min

Lab File: BG023011.D

Acq: 11 Jul 2016 21:58

Instrument :

BNA_G

ClientSampleId :

HSR-WC-59-070716

Tot Ion:264 Resp: 964044

Ion Ratio Lower Upper

264 100

260 22.4 18.4 27.6

265 21.4 18.9 28.3

