

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062816\
 Data File : BG022672.D
 Acq On : 28 Jun 2016 12:26
 Operator : UM/SJ
 Sample : H3731-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-55-062216

Quant Time: Jun 28 14:00:19 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 20:14:59 2016
 Response via : Initial Calibration

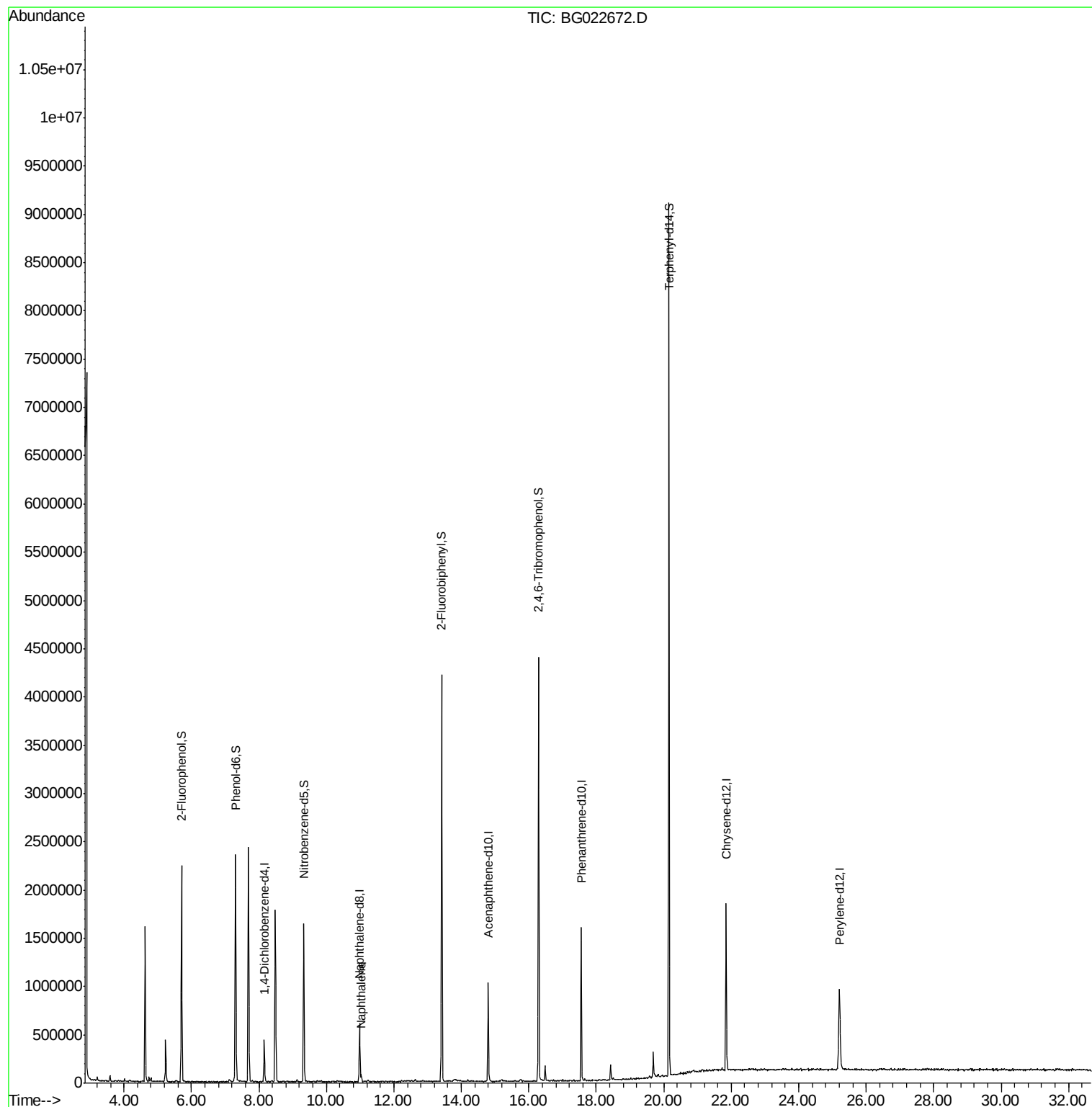
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	113856	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	493055	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	356930	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	964855	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1098708	20.00	ng	0.00
86) Perylene-d12	25.21	264	998805	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	912329	128.52	ng	0.00
7) Phenol-d6	7.31	99	1268207	126.75	ng	0.00
23) Nitrobenzene-d5	9.33	82	1054966	90.56	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	860096	153.21	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2073272	92.12	ng	0.00
78) Terphenyl-d14	20.16	244	3296473	79.49	ng	0.00
Target Compounds						
31) Naphthalene	11.04	128	64512	2.60	ng	Qvalue # 90

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG022672.D

Acq: 28 Jun 2016 12:26

Instrument :

BNA_G

ClientSampleId :

HSR-WC-55-062216

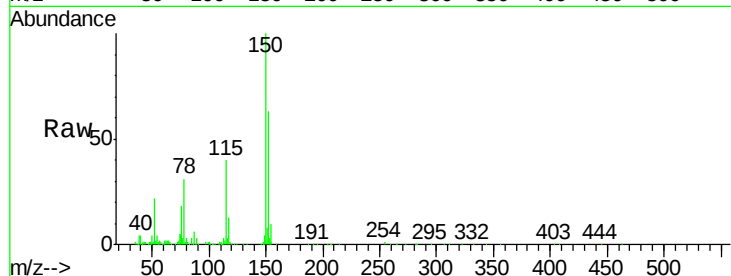
Tot Ion:152 Resp: 113856

Ion Ratio Lower Upper

152 100

150 158.8 144.7 217.1

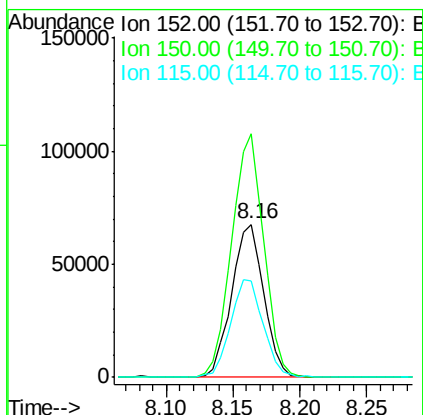
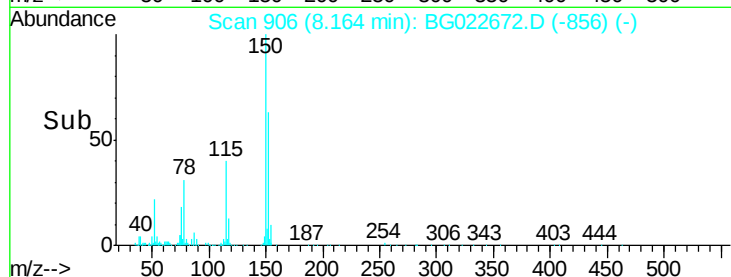
115 63.0 64.0 96.0#



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: 128.52 ng

RT: 5.70 min Scan# 487

Delta R.T. -0.00 min

Lab File: BG022672.D

Acq: 28 Jun 2016 12:26

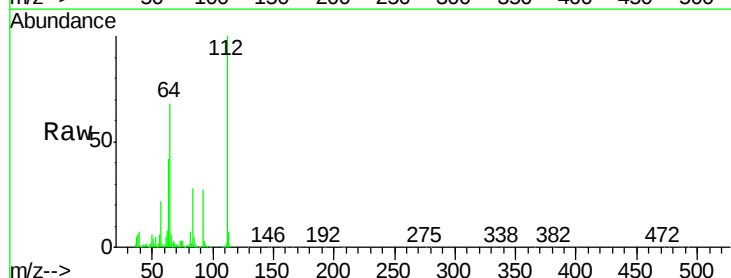
Tgt Ion:112 Resp: 912329

Ion Ratio Lower Upper

112 100

64 68.4 59.0 88.4

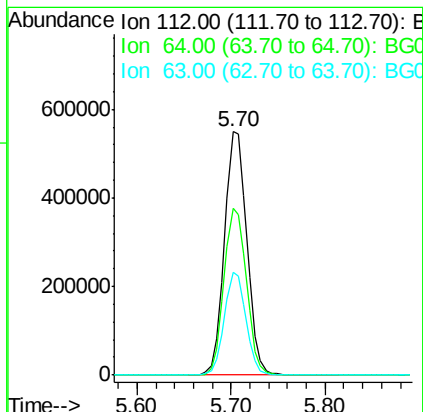
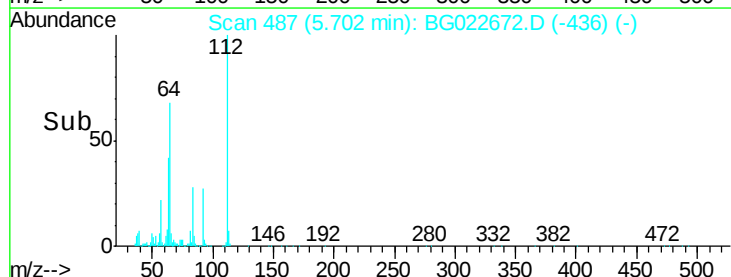
63 42.1 37.8 56.8

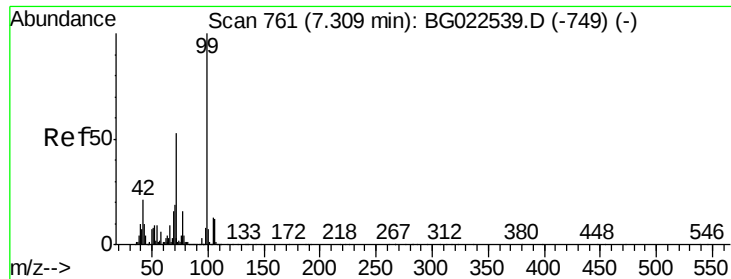


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 126.75 ng

RT: 7.31 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG022672.D

Acq: 28 Jun 2016 12:26

Instrument :

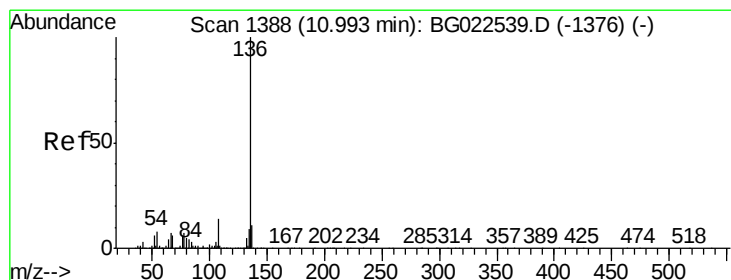
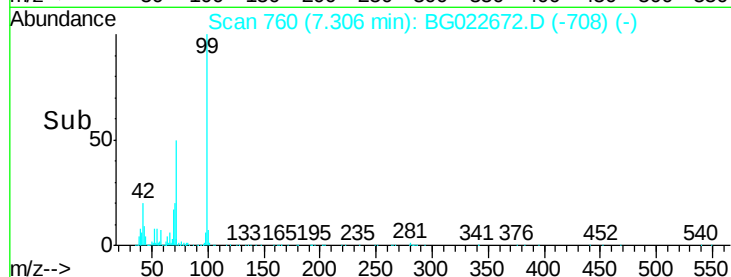
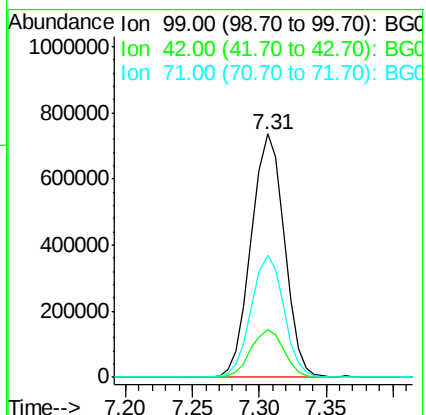
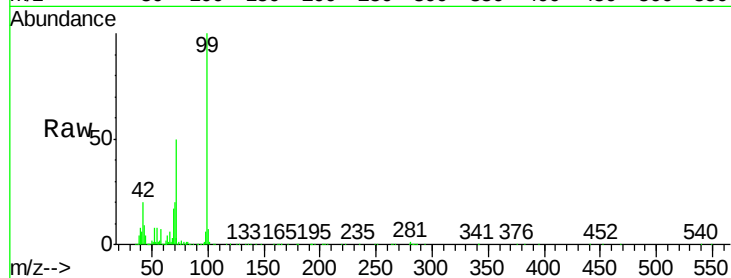
BNA_G

ClientSampleId :

HSR-WC-55-062216

Tot Ion: 99 Resp: 1268207

Ion	Ratio	Lower	Upper
99	100		
42	19.7	17.8	26.6
71	50.3	41.5	62.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.98 min Scan# 1386

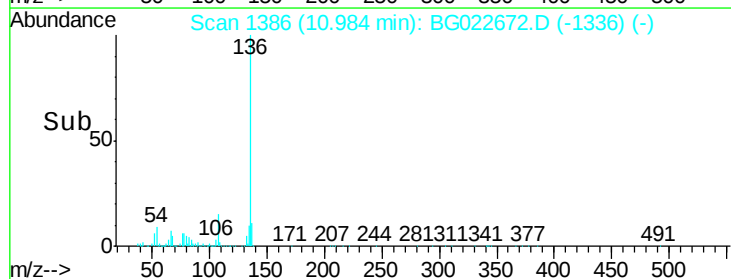
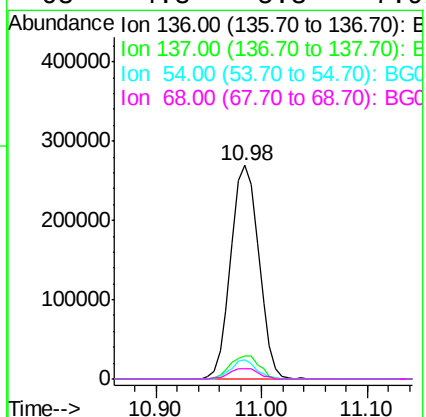
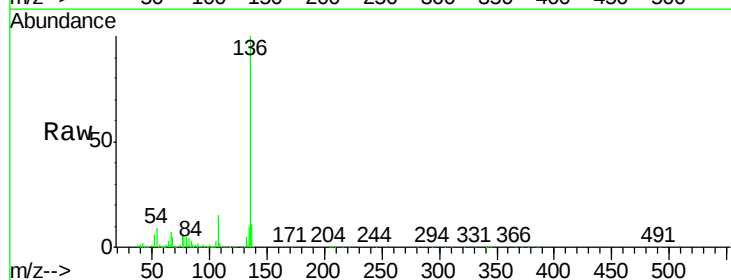
Delta R.T. -0.01 min

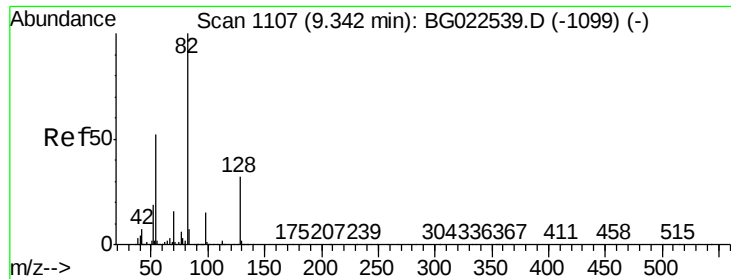
Lab File: BG022672.D

Acq: 28 Jun 2016 12:26

Tgt Ion: 136 Resp: 493055

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.6	14.4
54	8.7	7.3	10.9
68	4.8	5.3	7.9#

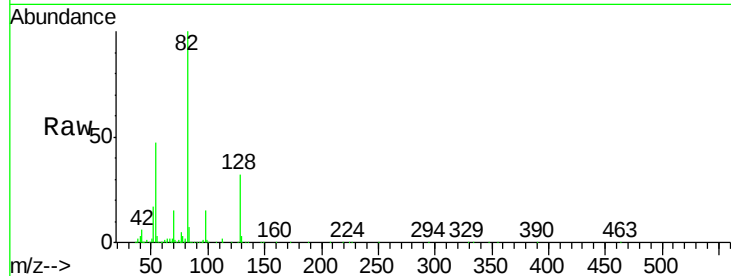




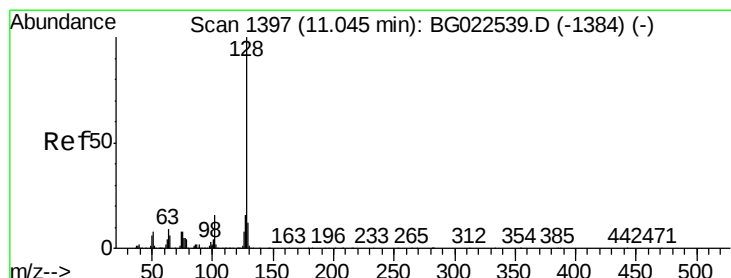
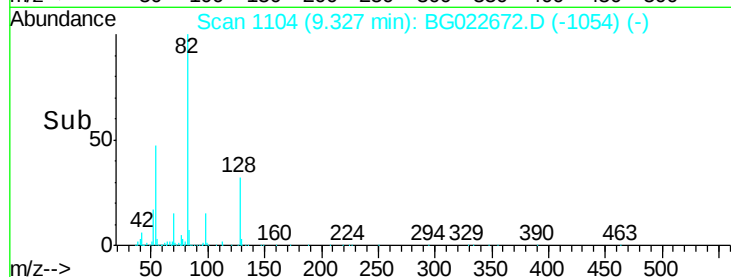
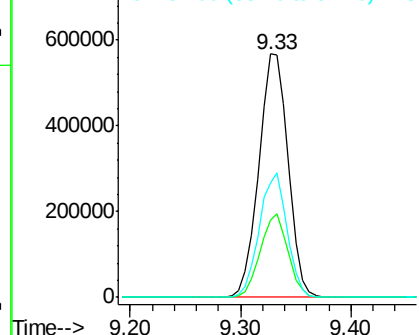
#23
Nitrobenzene-d5
Concen: 90.56 ng
RT: 9.33 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BG022672.D
Acq: 28 Jun 2016 12:26

Instrument :
BNA_G
ClientSampleId :
HSR-WC-55-062216

Tot Ion: 82 Resp: 1054966
Ion Ratio Lower Upper
82 100
128 31.8 24.4 36.6
54 47.1 41.4 62.0

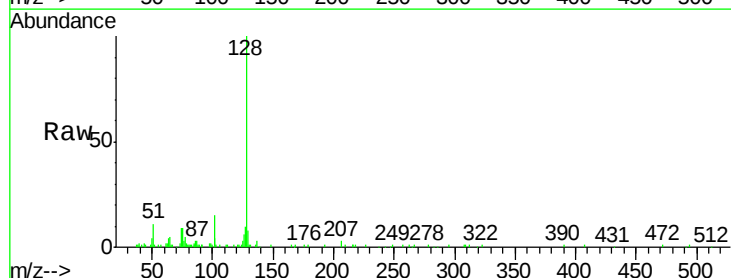


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

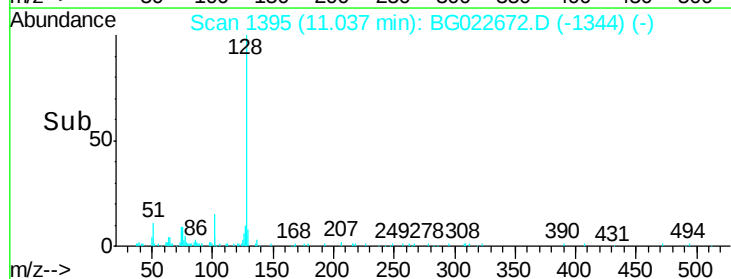
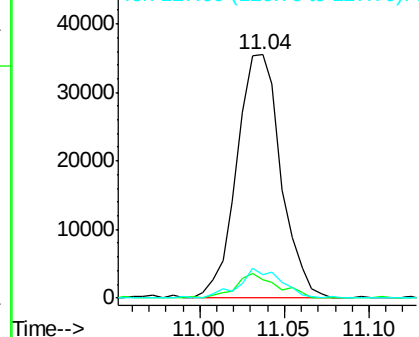


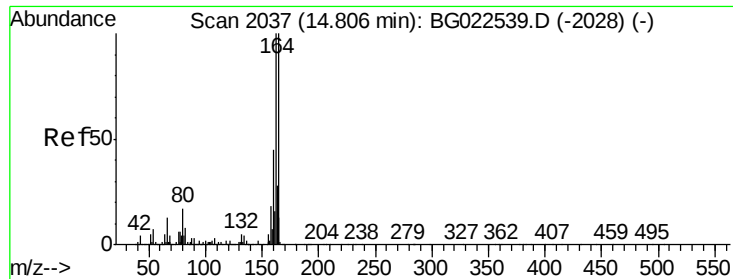
#31
Naphthalene
Concen: 2.60 ng
RT: 11.04 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BG022672.D
Acq: 28 Jun 2016 12:26

Tgt Ion: 128 Resp: 64512
Ion Ratio Lower Upper
128 100
129 7.7 9.4 14.0#
127 9.8 11.3 16.9#



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG022672.D

Acq: 28 Jun 2016 12:26

Instrument :

BNA_G

ClientSampleId :

HSR-WC-55-062216

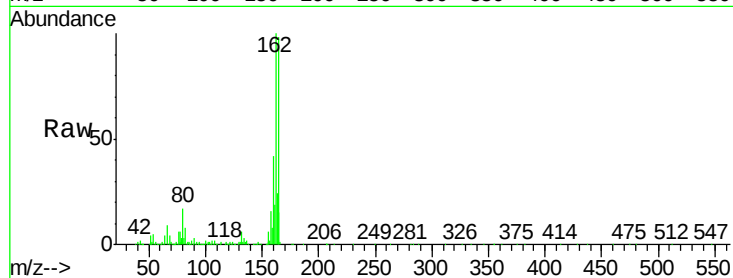
Tot Ion:164 Resp: 356930

Ion Ratio Lower Upper

164 100

162 102.2 87.7 131.5

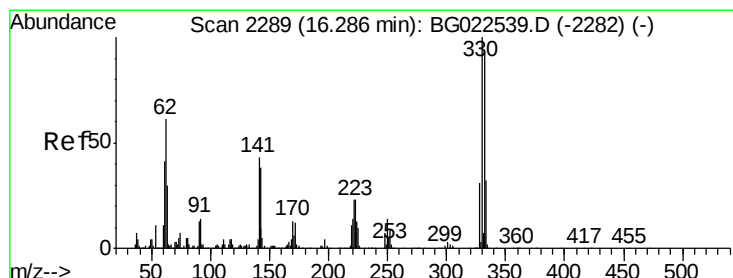
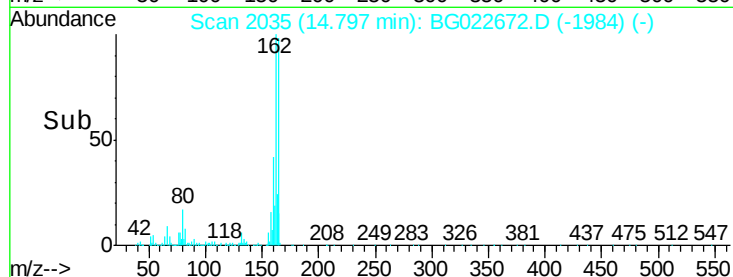
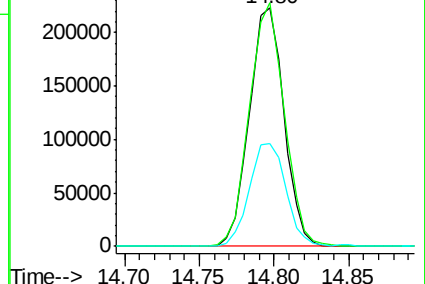
160 43.4 37.2 55.8



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: 153.21 ng

RT: 16.29 min Scan# 2289

Delta R.T. 0.00 min

Lab File: BG022672.D

Acq: 28 Jun 2016 12:26

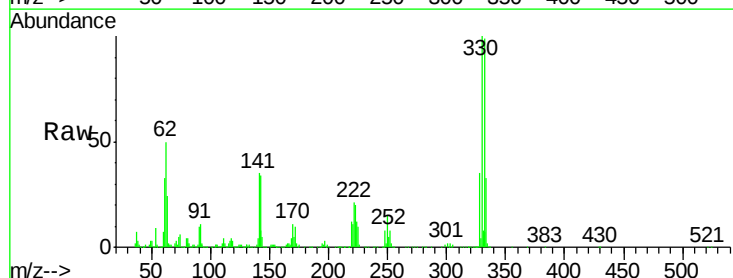
Tgt Ion:330 Resp: 860096

Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.2

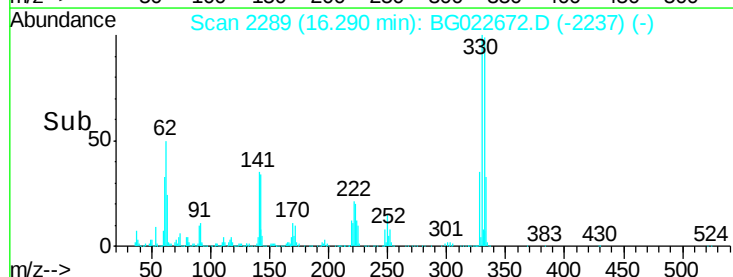
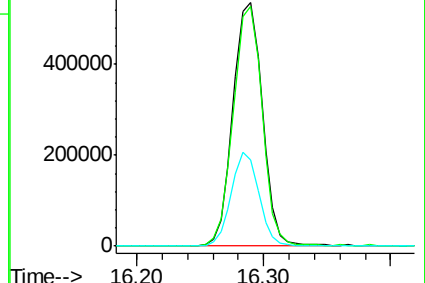
141 36.4 31.7 47.5

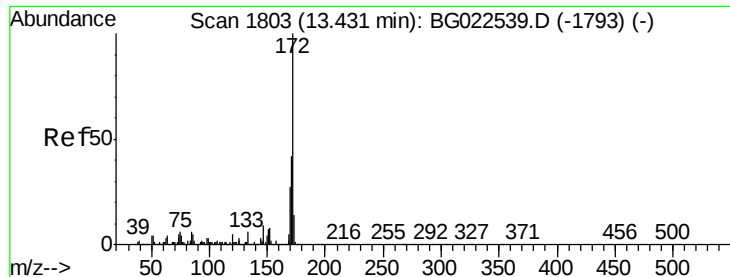


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

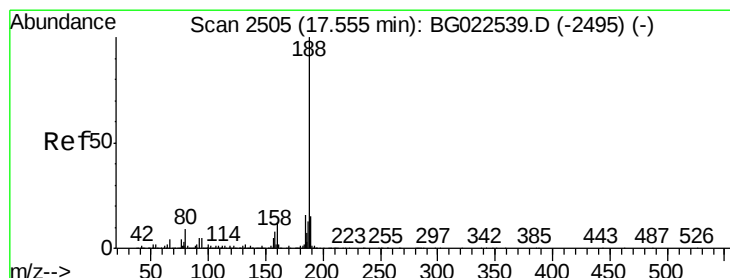
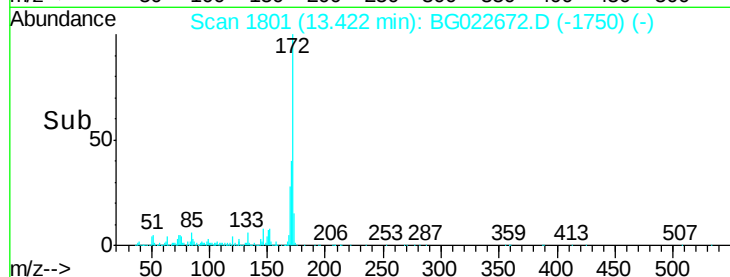
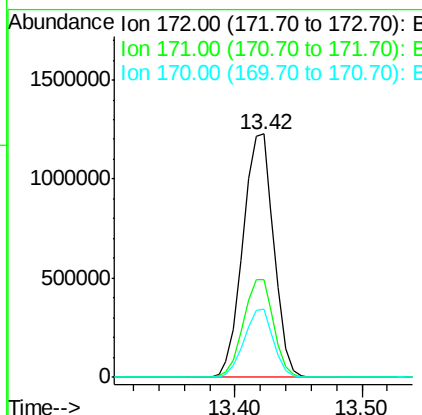
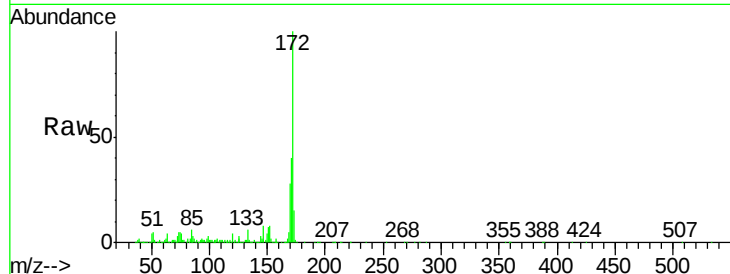




#44
2-Fluorobiphenyl
Concen: 92.12 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BG022672.D
Acq: 28 Jun 2016 12:26

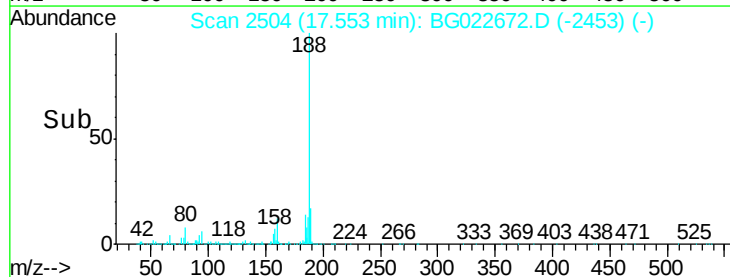
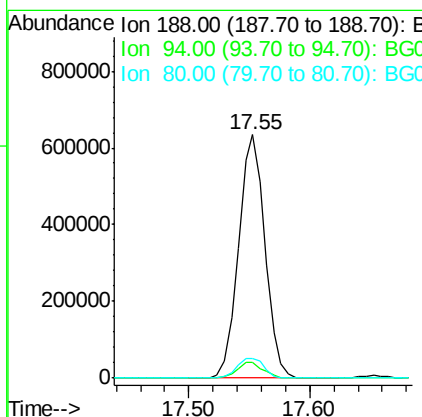
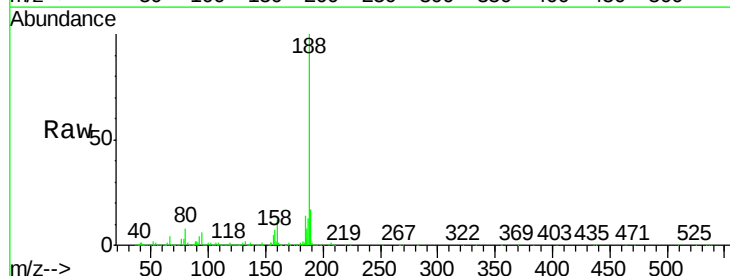
Instrument :
BNA_G
ClientSampleId :
HSR-WC-55-062216

Tot Ion:172 Resp: 2073272
Ion Ratio Lower Upper
172 100
171 40.0 31.6 47.4
170 27.9 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: BG022672.D
Acq: 28 Jun 2016 12:26

Tgt Ion:188 Resp: 964855
Ion Ratio Lower Upper
188 100
94 6.4 5.2 7.8
80 8.3 7.2 10.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.85 min Scan# 3235

Delta R.T. 0.00 min

Lab File: BG022672.D

Acq: 28 Jun 2016 12:26

Instrument :

BNA_G

ClientSampleId :

HSR-WC-55-062216

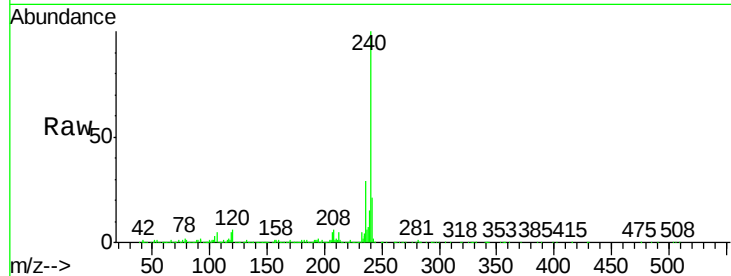
Tot Ion:240 Resp: 1098708

Ion Ratio Lower Upper

240 100

120 5.6 4.1 6.1

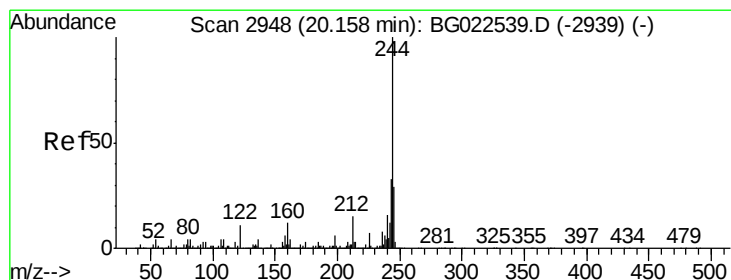
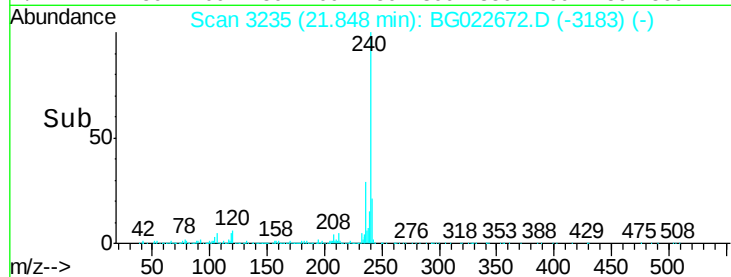
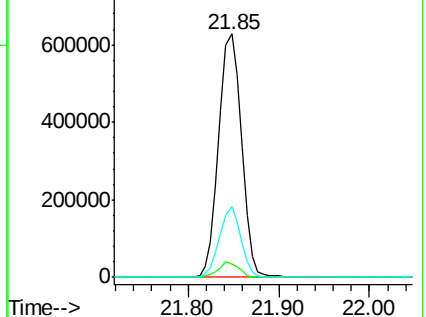
236 29.0 21.1 31.7



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: 79.49 ng

RT: 20.16 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BG022672.D

Acq: 28 Jun 2016 12:26

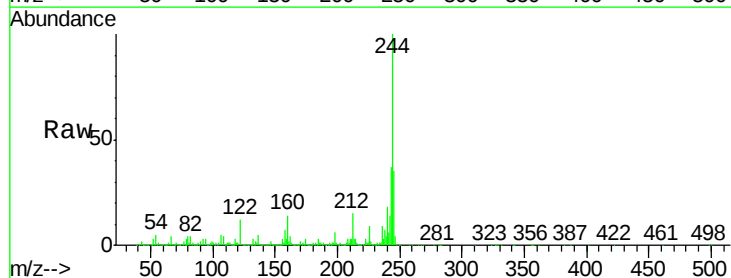
Tgt Ion:244 Resp: 3296473

Ion Ratio Lower Upper

244 100

212 15.3 10.8 16.2

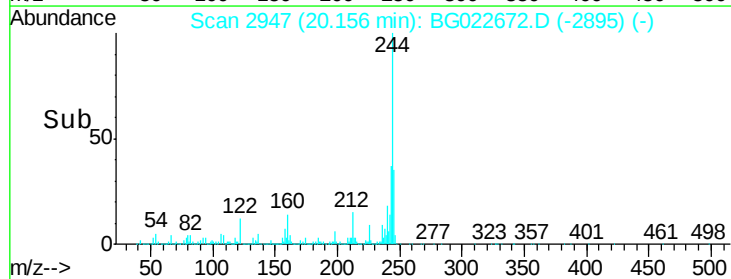
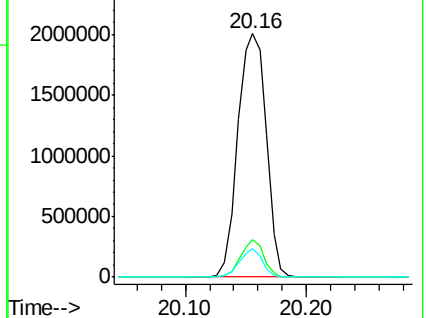
122 11.5 8.0 12.0

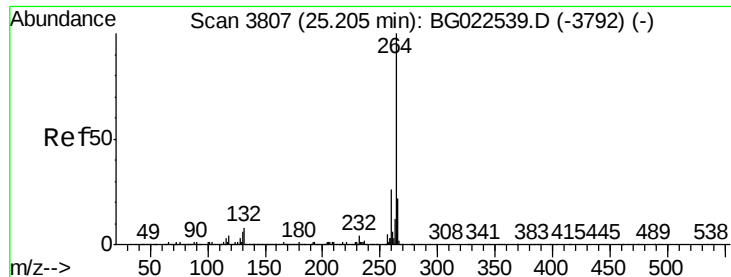


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3807
Delta R.T. 0.00 min
Lab File: BG022672.D
Acq: 28 Jun 2016 12:26

Instrument :
BNA_G
ClientSampleId :
HSR-WC-55-062216

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.4	27.6
265	22.5	18.9	28.3

