

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032515\
 Data File : BG016127.D
 Acq On : 26 Mar 2015 6:39
 Operator : TP/IZ
 Sample : G1611-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-37

Quant Time: Mar 26 07:27:58 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 26 02:10:27 2015
 Response via : Initial Calibration

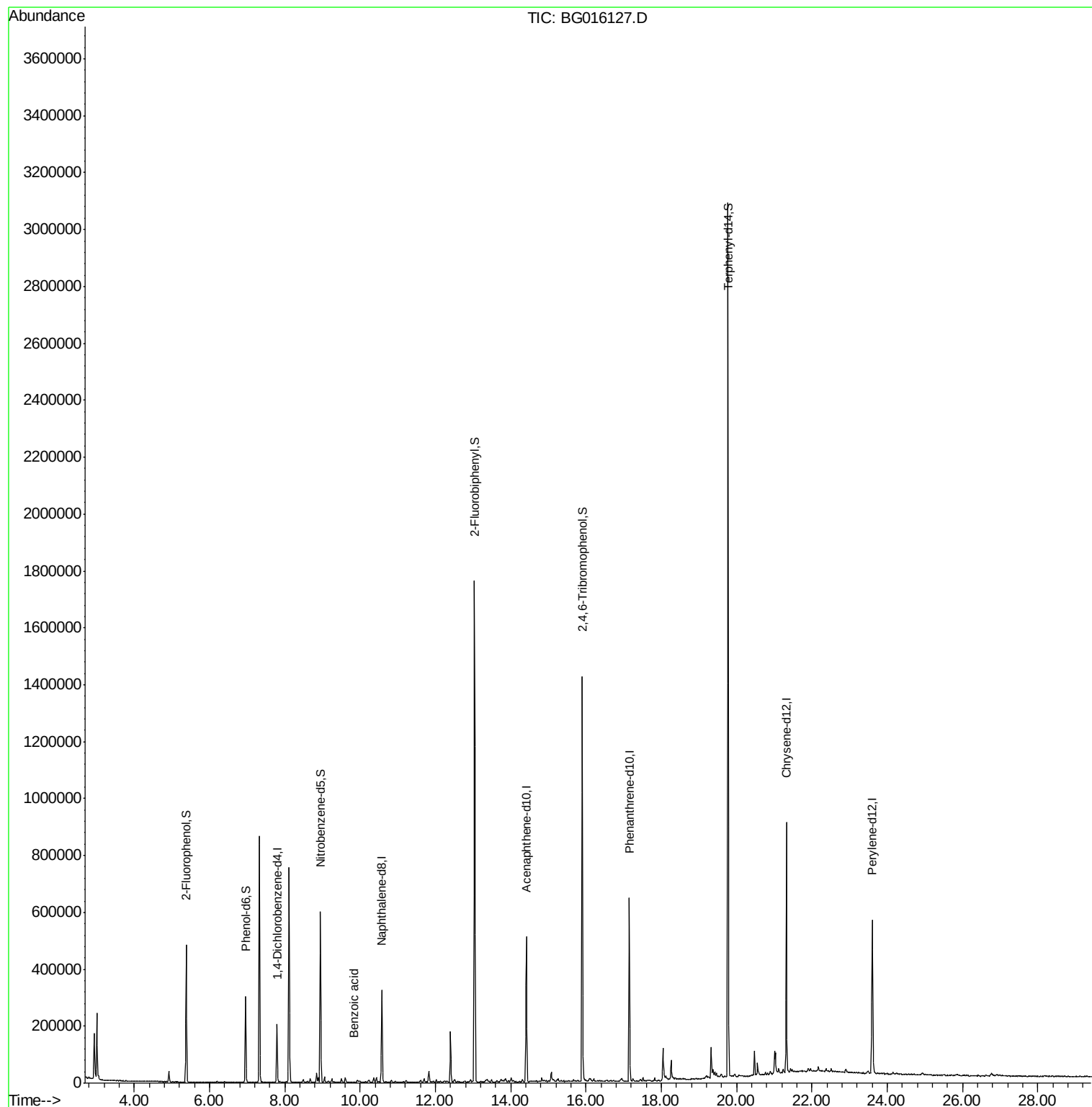
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	58901	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	271533	20.00	ng	0.00
38) Acenaphthene-d10	14.41	164	175128	20.00	ng	0.00
63) Phenanthrene-d10	17.16	188	379675	20.00	ng	0.00
75) Chrysene-d12	21.32	240	385686	20.00	ng	0.00
86) Perylene-d12	23.60	264	371897	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	225082	64.61	ng	0.00
7) Phenol-d6	6.96	99	201405	40.29	ng	0.00
23) Nitrobenzene-d5	8.94	82	362323	83.94	ng	0.00
41) 2,4,6-Tribromophenol	15.91	330	278362	136.51	ng	0.00
44) 2-Fluorobiphenyl	13.04	172	918577	91.71	ng	0.00
78) Terphenyl-d14	19.78	244	1273114	89.41	ng	0.00
Target Compounds						
32) Benzoic acid	9.84	122	68	3.81	ng	Qvalue # 1

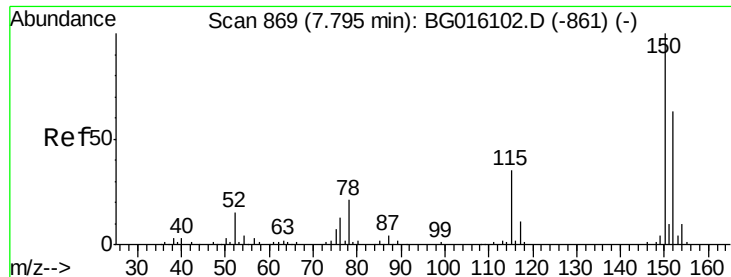
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 26 02:10:27 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.79 min Scan# 869

Delta R.T. -0.00 min

Lab File: BG016127.D

Acq: 26 Mar 2015 6:39

Instrument :

BNA_G

ClientSampleId :

MW-37

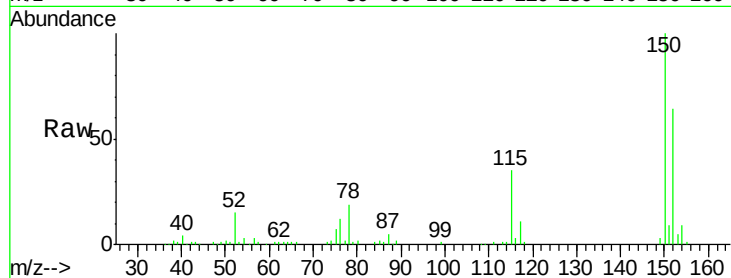
Tgt Ion:152 Resp: 58901

Ion Ratio Lower Upper

152 100

150 155.8 126.1 189.1

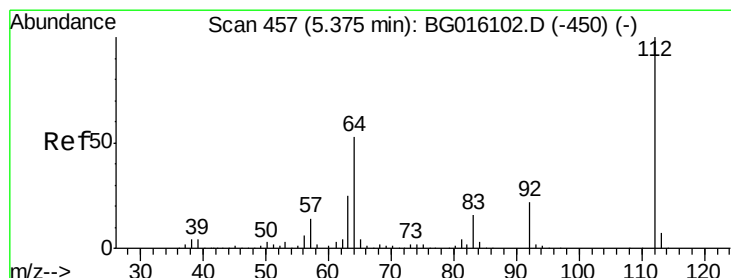
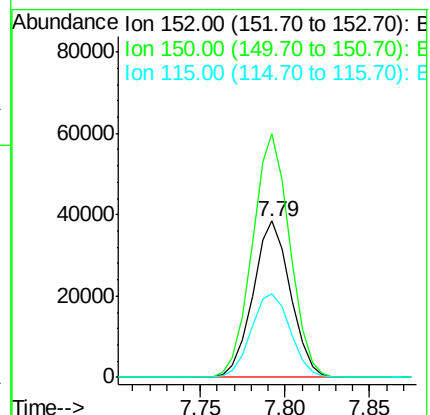
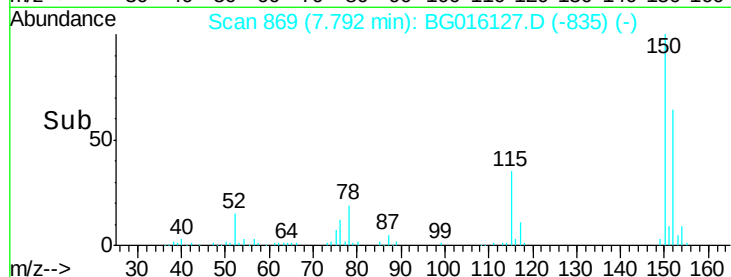
115 53.8 43.7 65.5



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: 64.61 ng

RT: 5.38 min Scan# 458

Delta R.T. 0.00 min

Lab File: BG016127.D

Acq: 26 Mar 2015 6:39

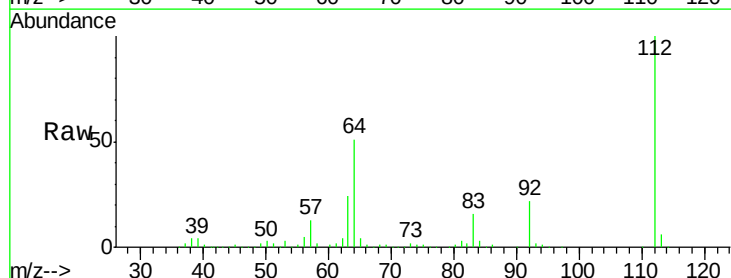
Tgt Ion:112 Resp: 225082

Ion Ratio Lower Upper

112 100

64 50.9 42.6 64.0

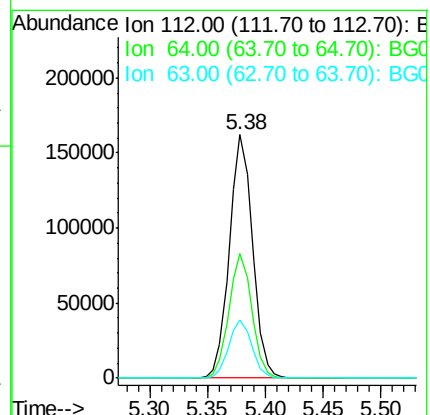
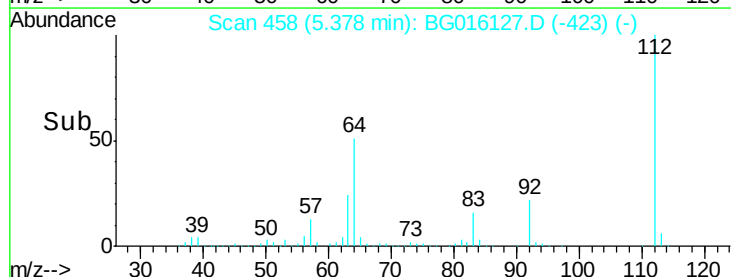
63 24.0 19.9 29.9

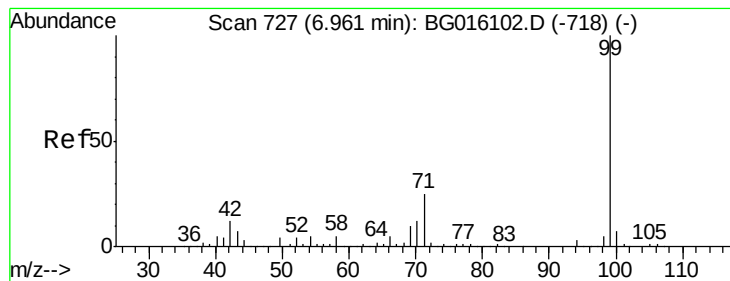


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 40.29 ng

RT: 6.96 min Scan# 727

Delta R.T. -0.00 min

Lab File: BG016127.D

Acq: 26 Mar 2015 6:39

Instrument :

BNA_G

ClientSampleId :

MW-37

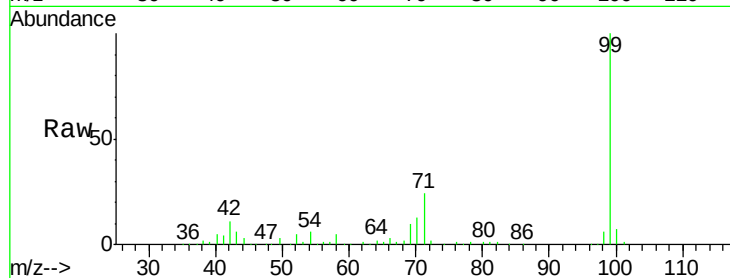
Tgt Ion: 99 Resp: 201405

Ion Ratio Lower Upper

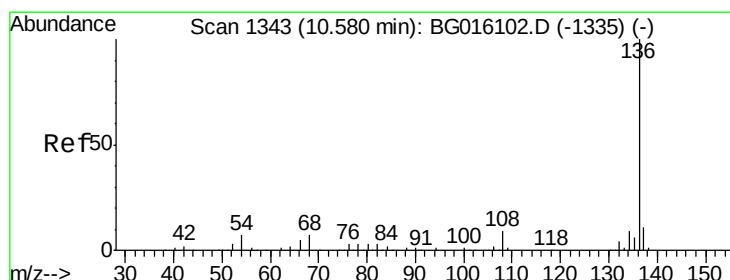
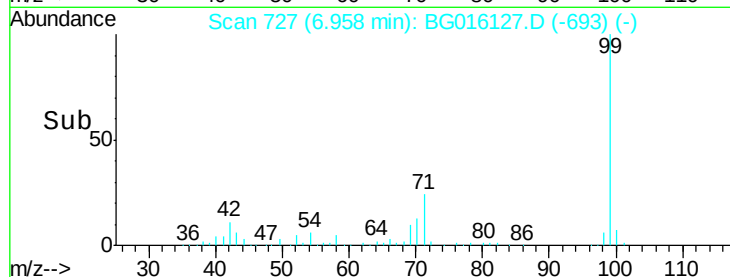
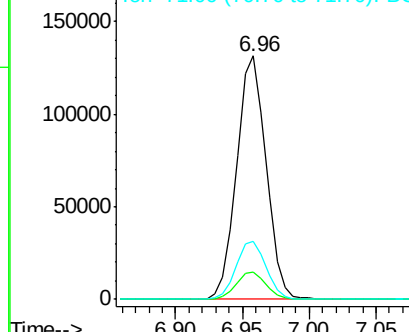
99 100

42 11.3 9.4 14.0

71 23.9 19.9 29.9



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: 10.58 min Scan# 1343

Delta R.T. -0.00 min

Lab File: BG016127.D

Acq: 26 Mar 2015 6:39

Tgt Ion: 136 Resp: 271533

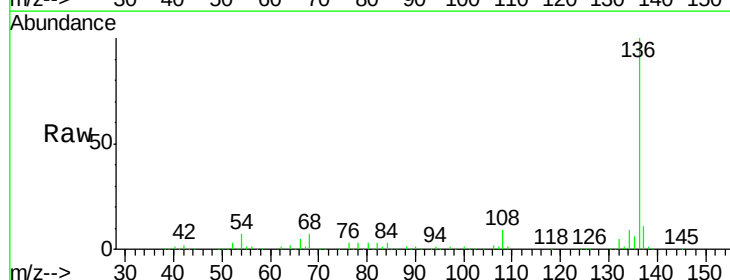
Ion Ratio Lower Upper

136 100

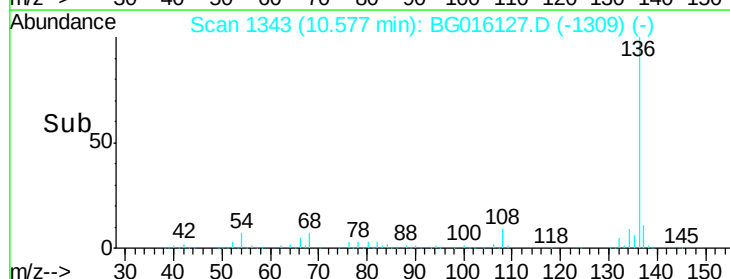
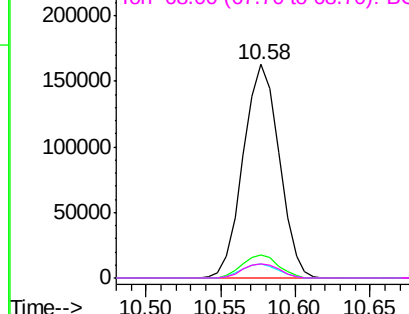
137 10.9 9.0 13.4

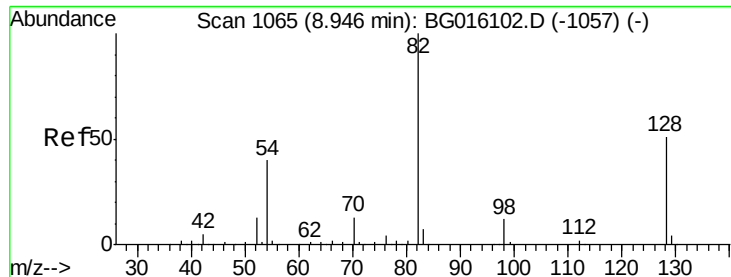
54 6.6 5.5 8.3

68 6.9 6.0 9.0



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

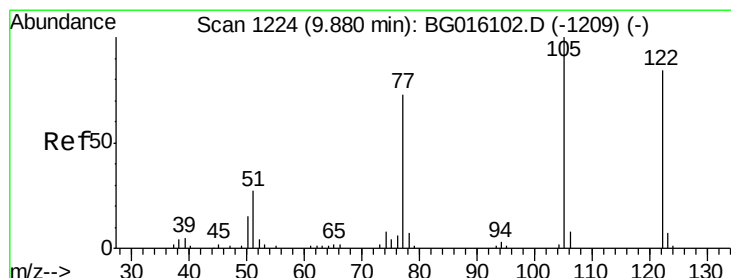
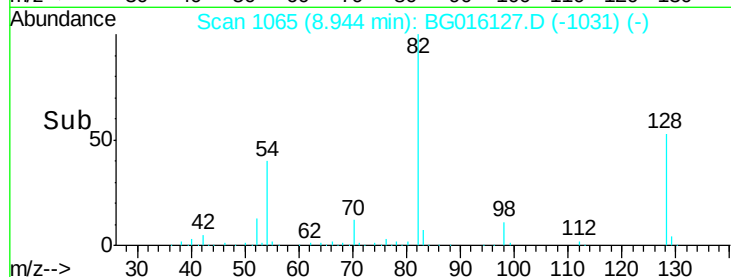
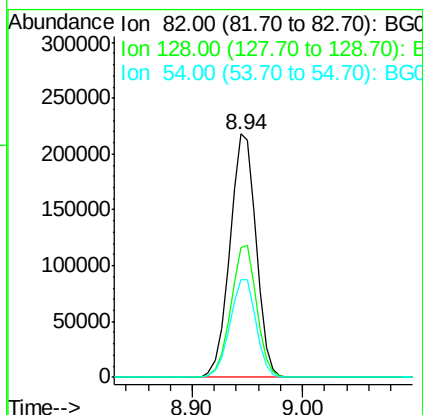
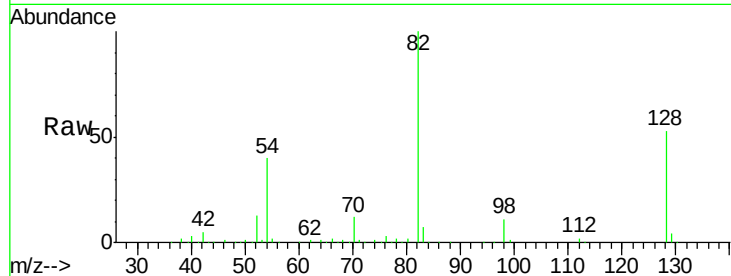




#23
 Nitrobenzene-d5
 Concen: 83.94 ng
 RT: 8.94 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: BG016127.D
 Acq: 26 Mar 2015 6:39

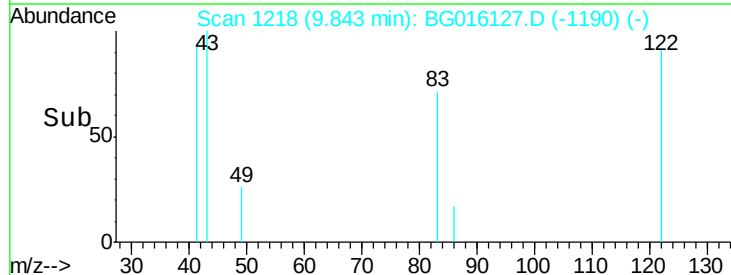
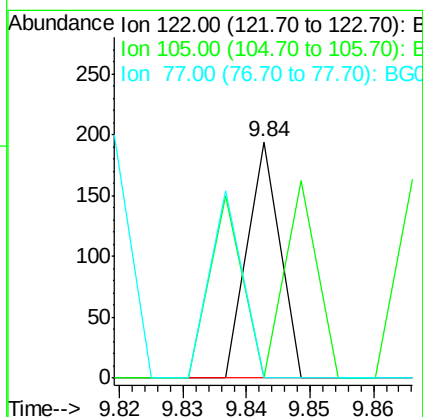
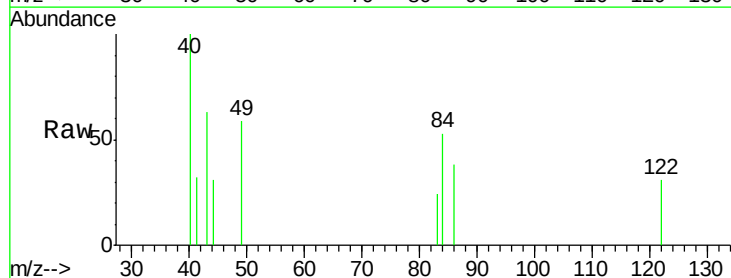
Instrument :
 BNA_G
 ClientSampled :
 MW-37

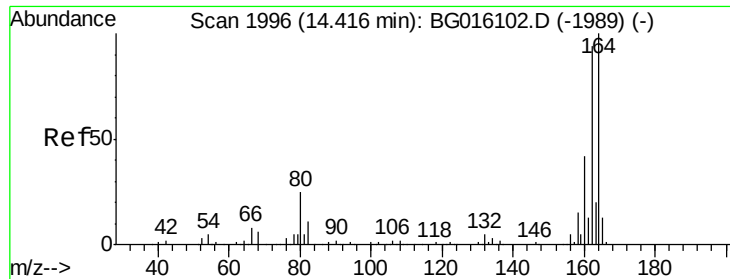
Tgt Ion	Ratio	Lower	Upper
82	100		
128	53.5	40.4	60.6
54	40.2	32.1	48.1



#32
 Benzoic acid
 Concen: 3.81 ng
 RT: 9.84 min Scan# 1218
 Delta R.T. -0.04 min
 Lab File: BG016127.D
 Acq: 26 Mar 2015 6:39

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	97.2	137.2#
77	0.0	65.0	105.0#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.41 min Scan# 1996

Delta R.T. -0.00 min

Lab File: BG016127.D

Acq: 26 Mar 2015 6:39

Instrument :

BNA_G

ClientSampleId :

MW-37

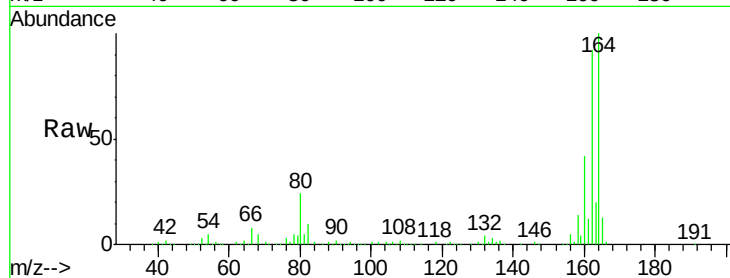
Tgt Ion:164 Resp: 175128

Ion Ratio Lower Upper

164 100

162 91.5 75.2 112.8

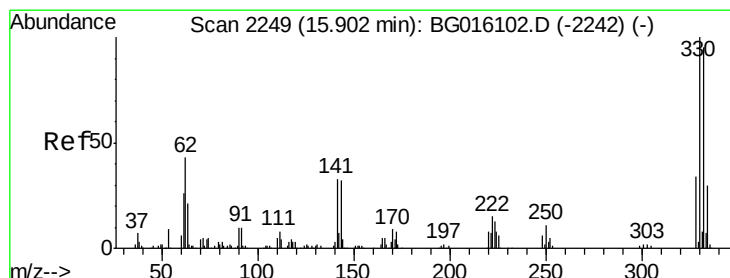
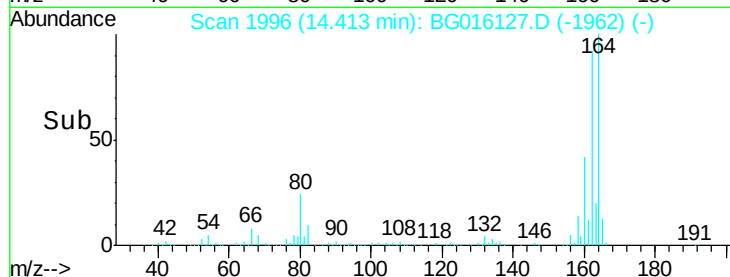
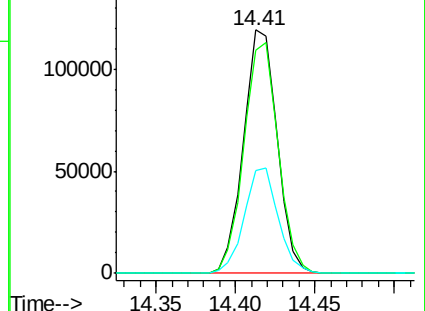
160 42.4 33.9 50.9



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: 136.51 ng

RT: 15.91 min Scan# 2250

Delta R.T. 0.00 min

Lab File: BG016127.D

Acq: 26 Mar 2015 6:39

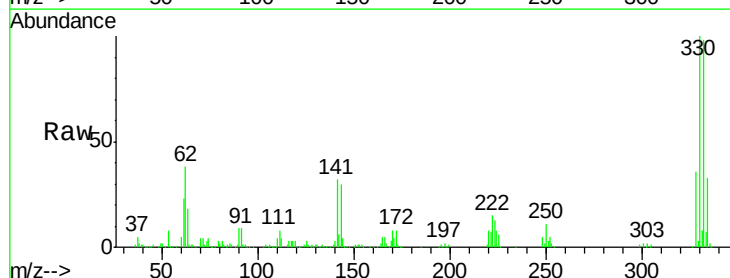
Tgt Ion:330 Resp: 278362

Ion Ratio Lower Upper

330 100

332 95.8 76.6 114.8

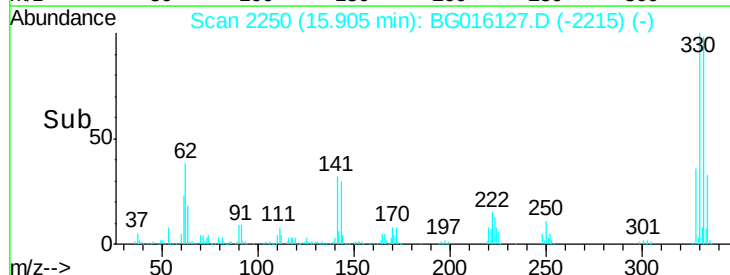
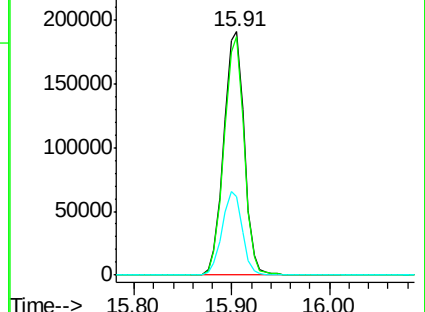
141 33.8 26.2 39.4

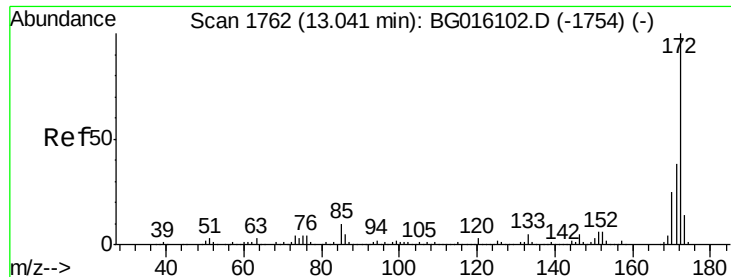


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

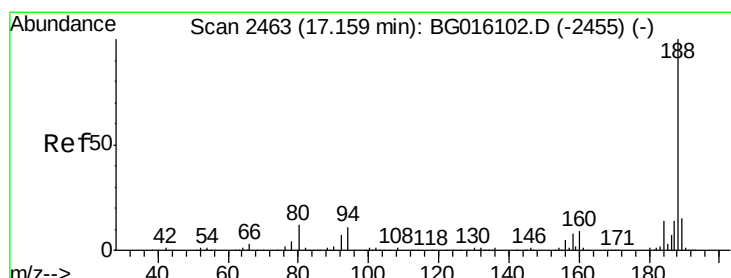
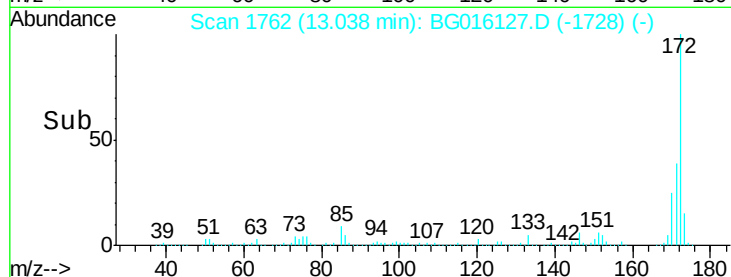
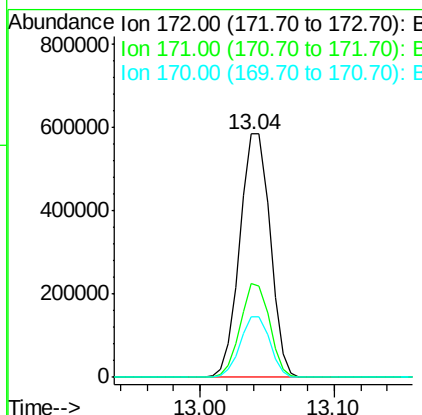
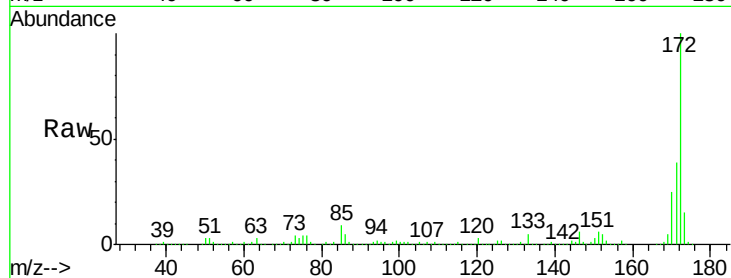




#44
 2-Fluorobiphenyl
 Concen: 91.71 ng
 RT: 13.04 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: BG016127.D
 Acq: 26 Mar 2015 6:39

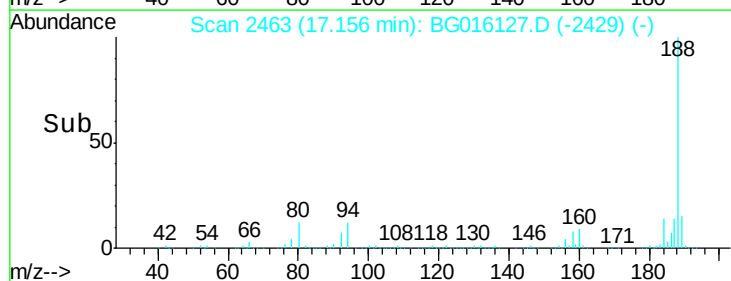
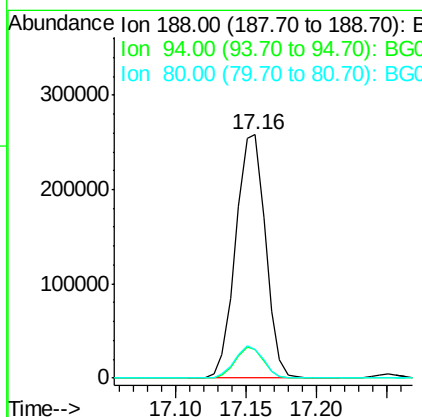
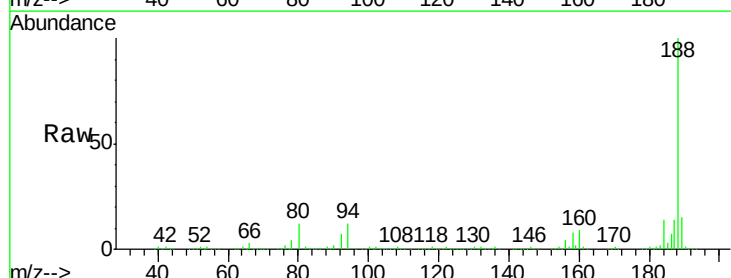
Instrument :
 BNA_G
 ClientSampleId :
 MW-37

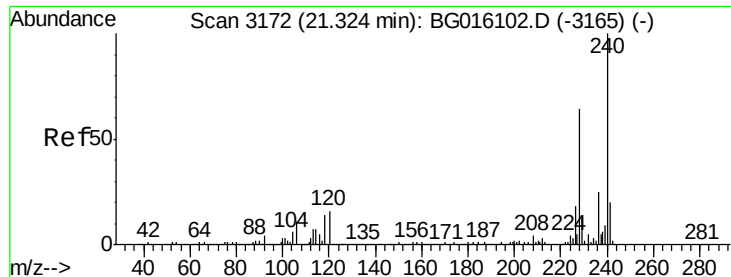
Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.8	30.3	45.5
170	24.9	19.8	29.8



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.16 min Scan# 2463
 Delta R.T. -0.00 min
 Lab File: BG016127.D
 Acq: 26 Mar 2015 6:39

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.6	9.1	13.7
80	11.8	9.8	14.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.32 min Scan# 3172

Delta R.T. -0.00 min

Lab File: BG016127.D

Acq: 26 Mar 2015 6:39

Instrument :

BNA_G

ClientSampleId :

MW-37

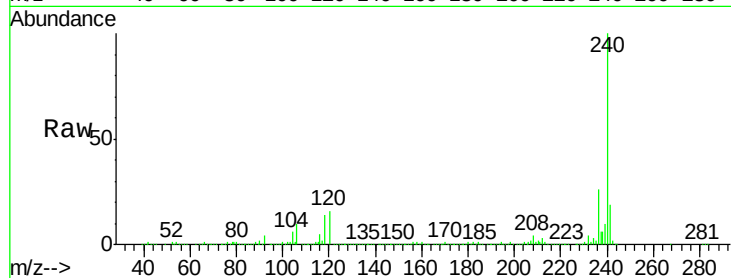
Tgt Ion:240 Resp: 385686

Ion Ratio Lower Upper

240 100

120 15.6 13.0 19.4

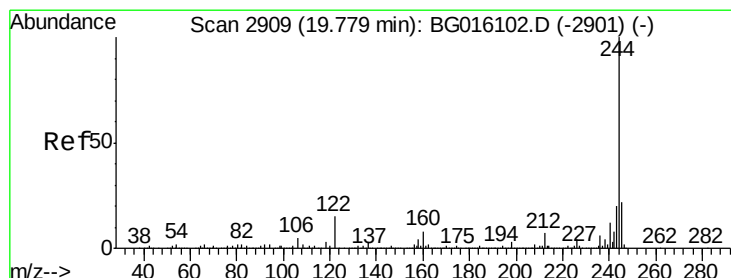
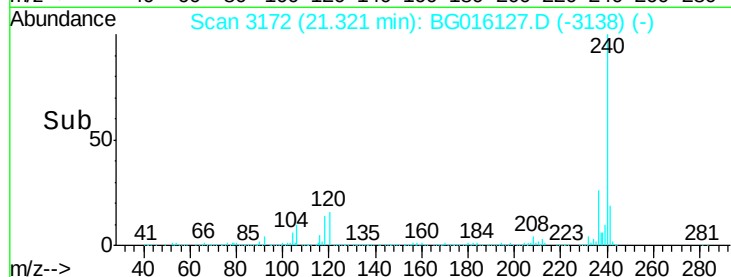
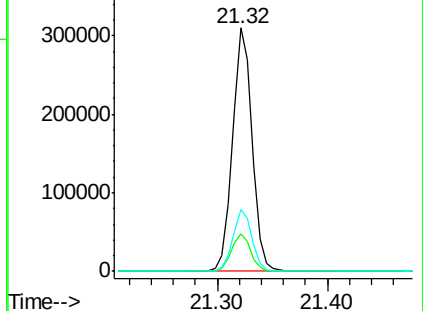
236 25.6 20.2 30.2



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: 89.41 ng

RT: 19.78 min Scan# 2909

Delta R.T. -0.00 min

Lab File: BG016127.D

Acq: 26 Mar 2015 6:39

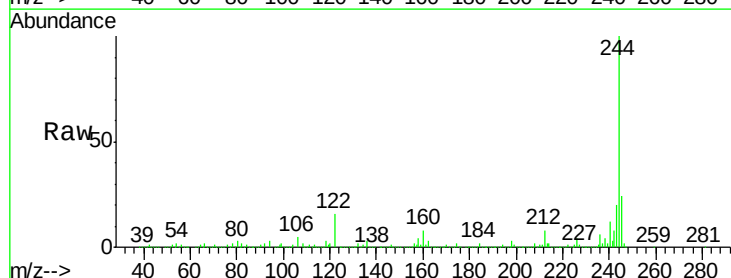
Tgt Ion:244 Resp: 1273114

Ion Ratio Lower Upper

244 100

212 8.1 5.9 8.9

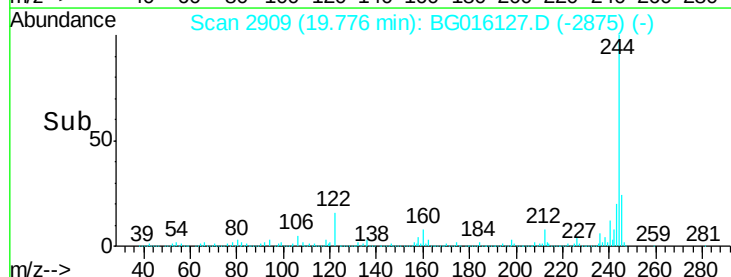
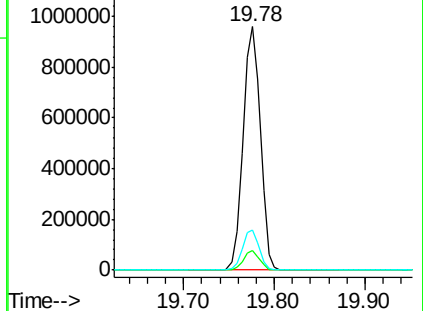
122 16.4 12.2 18.2

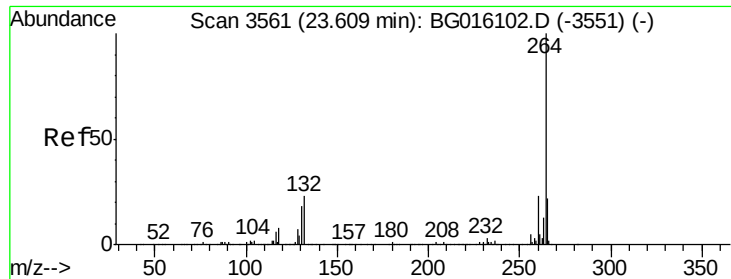


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.60 min Scan# 3560
Delta R.T. -0.01 min
Lab File: BG016127.D
Acq: 26 Mar 2015 6:39

Instrument :
BNA_G
ClientSampleId :
MW-37

Tgt Ion: 264 Resp: 371897
Ion Ratio Lower Upper
264 100
260 23.6 18.4 27.6
265 22.3 17.3 25.9

