

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110316\
 Data File : BG024649.D
 Acq On : 3 Nov 2016 12:33
 Operator : UM/SJ
 Sample : H5502-26
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-80-7.2-14.0

Quant Time: Nov 03 14:22:21 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 11:14:13 2016
 Response via : Initial Calibration

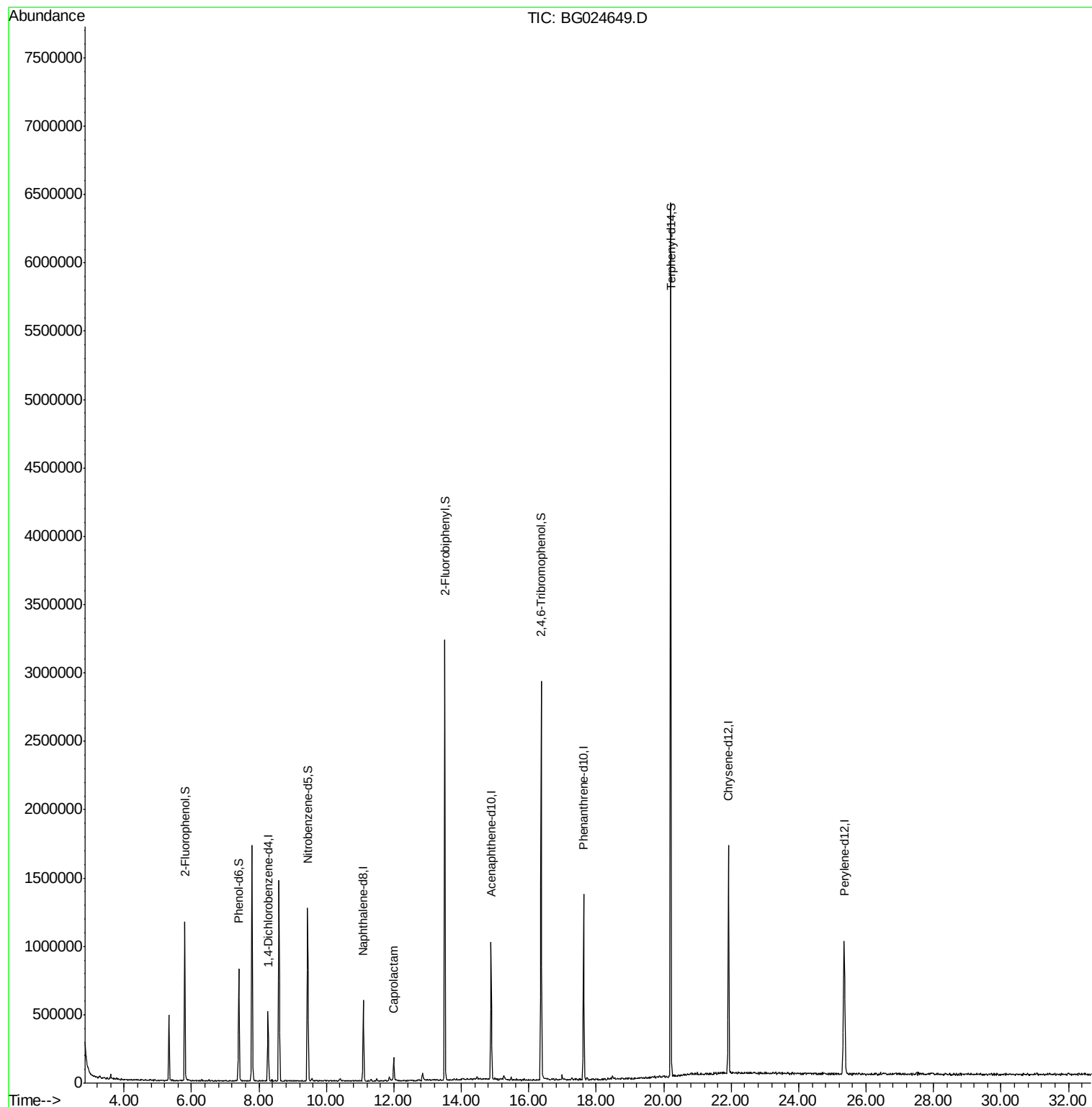
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	128858	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	484618	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	369600	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	859791	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1170888	20.00	ng	-0.01
86) Perylene-d12	25.35	264	1190759	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	457263	58.16	ng	0.00
7) Phenol-d6	7.40	99	447595	41.50	ng	0.00
23) Nitrobenzene-d5	9.44	82	800772	75.23	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	617546	111.84	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1633618	73.46	ng	0.00
78) Terphenyl-d14	20.21	244	2700578	68.92	ng	0.00
Target Compounds						
35) Caprolactam	11.99	113	29900	10.11	ng	Qvalue # 87

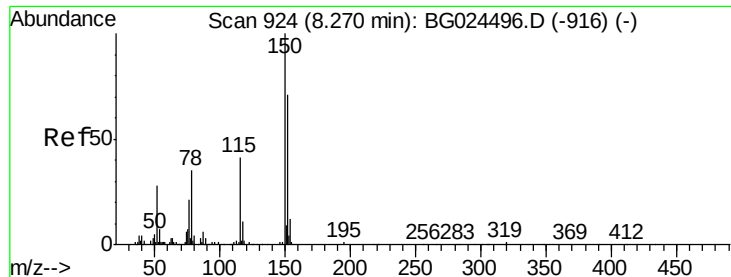
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.27 min Scan# 924

Delta R.T. -0.00 min

Lab File: BG024649.D

Acq: 3 Nov 2016 12:33

Instrument :

BNA_G

ClientSampleId :

GW-80-7.2-14.0

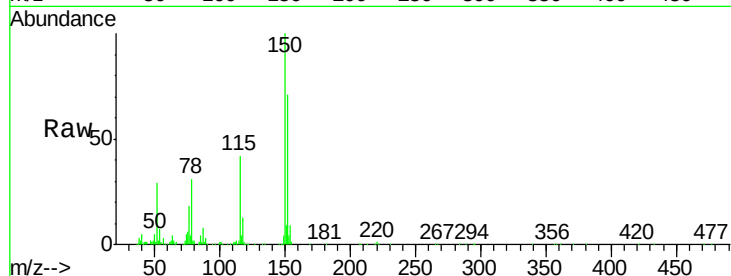
Tgt Ion:152 Resp: 128858

Ion Ratio Lower Upper

152 100

150 140.8 114.0 171.0

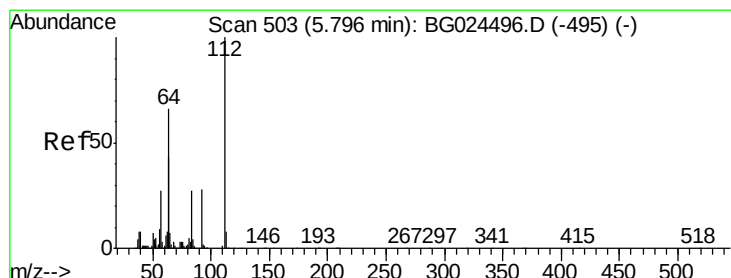
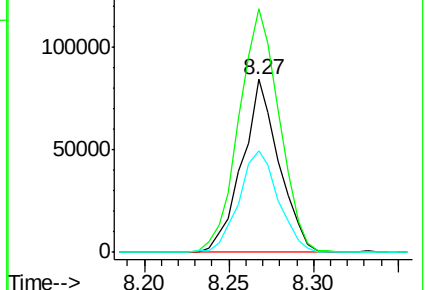
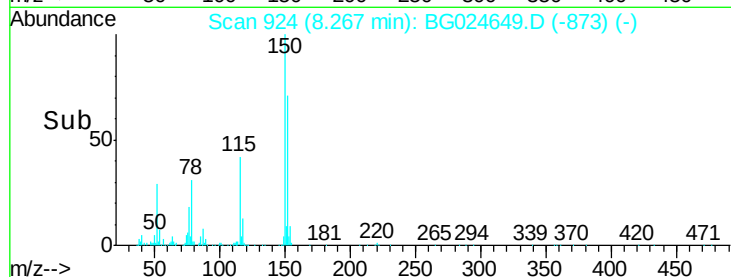
115 59.0 48.1 72.1



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: 58.16 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.00 min

Lab File: BG024649.D

Acq: 3 Nov 2016 12:33

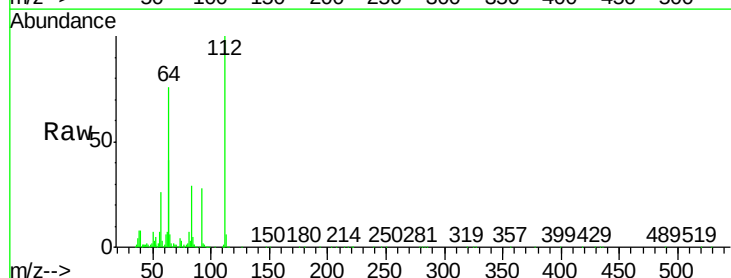
Tgt Ion:112 Resp: 457263

Ion Ratio Lower Upper

112 100

64 76.1 61.8 92.6

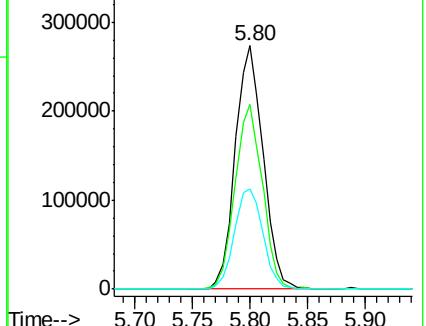
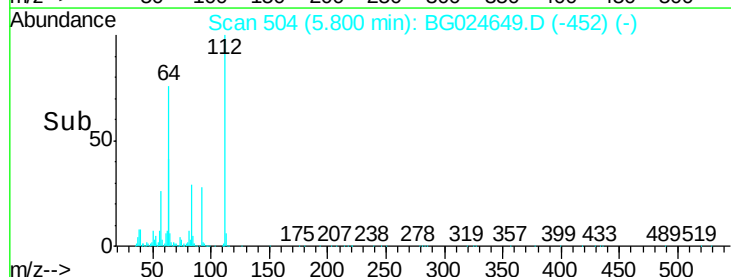
63 41.1 37.2 55.8

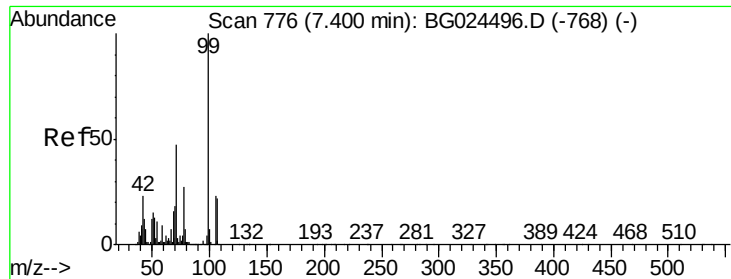


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 41.50 ng

RT: 7.40 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG024649.D

Acq: 3 Nov 2016 12:33

Instrument :

BNA_G

ClientSampleId :

GW-80-7.2-14.0

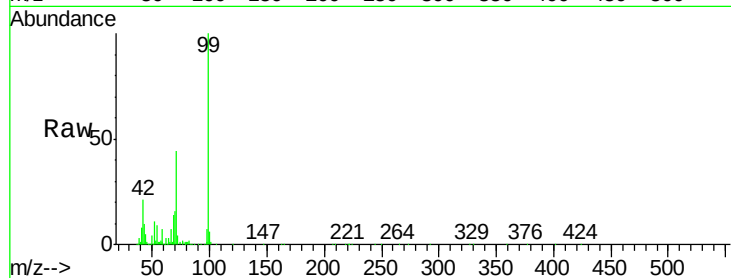
Tgt Ion: 99 Resp: 447595

Ion Ratio Lower Upper

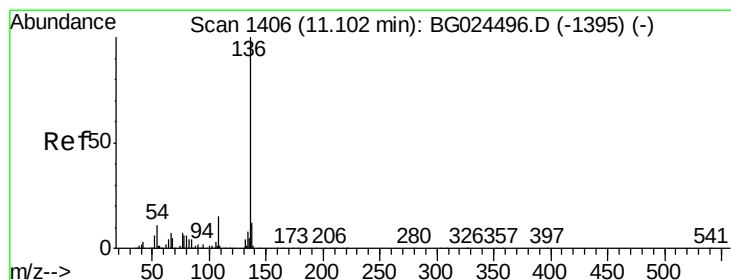
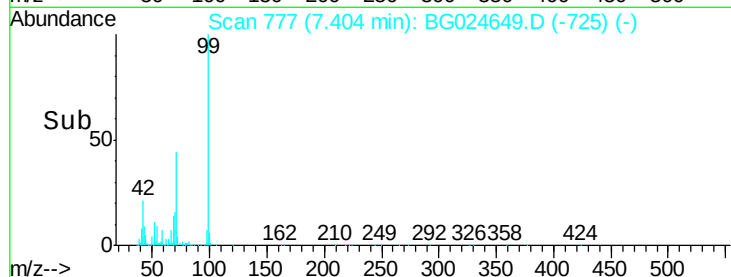
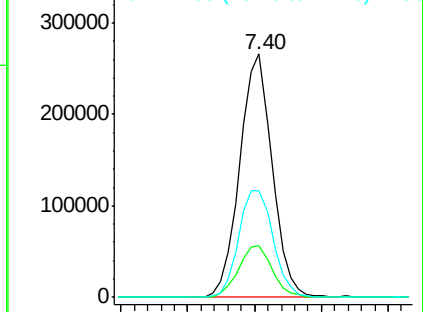
99 100

42 21.4 20.5 30.7

71 44.0 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: 20.00 ng

RT: 11.09 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BG024649.D

Acq: 3 Nov 2016 12:33

Tgt Ion: 136 Resp: 484618

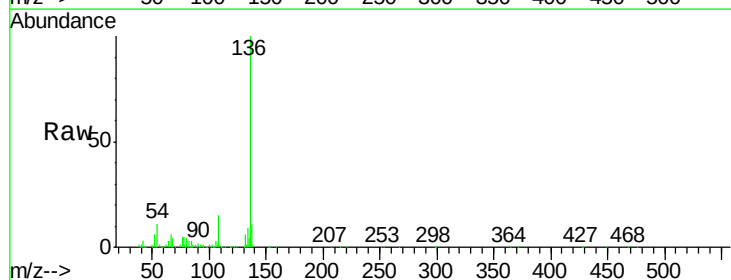
Ion Ratio Lower Upper

136 100

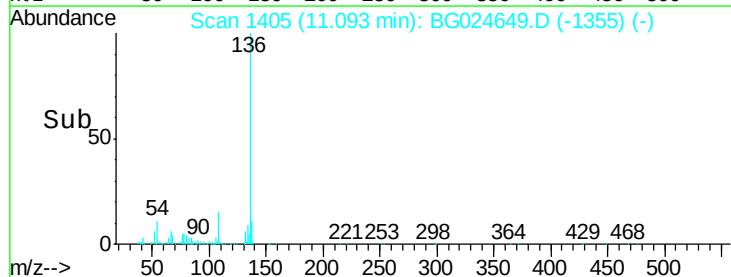
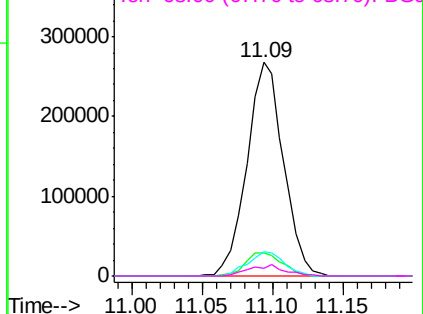
137 10.6 8.9 13.3

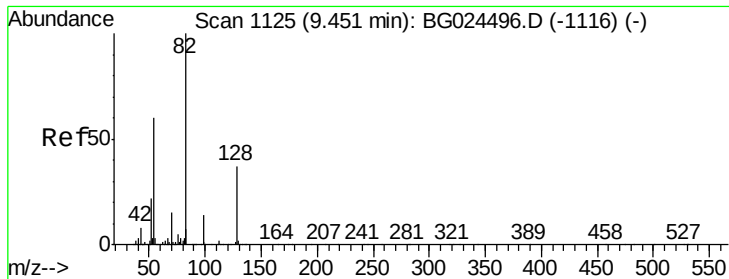
54 11.2 9.3 13.9

68 3.8 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

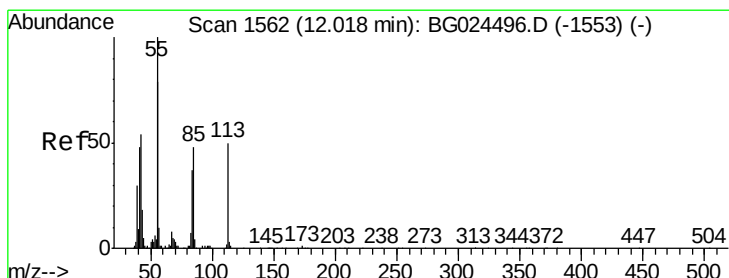
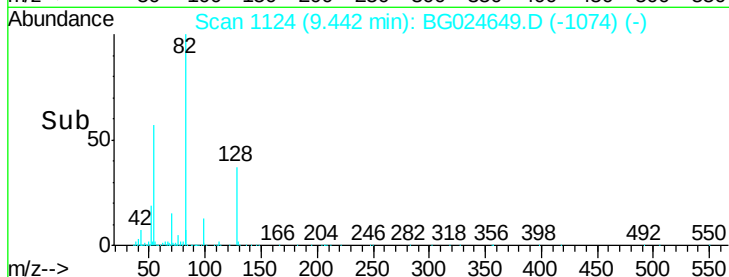
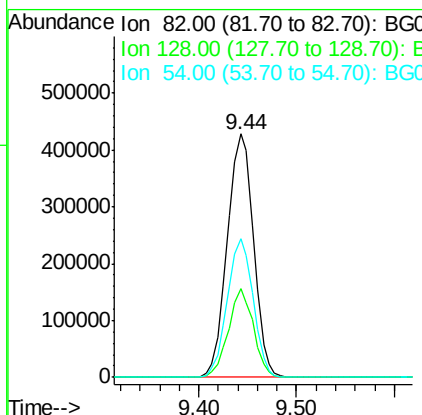
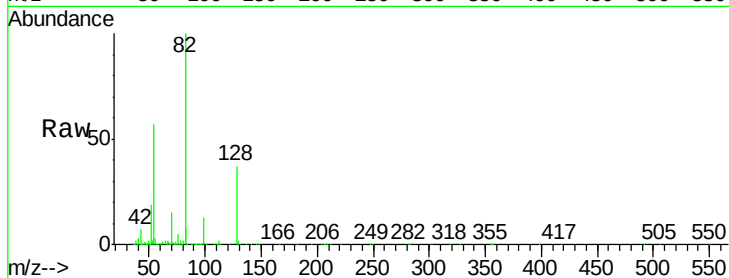




#23
Nitrobenzene-d5
Concen: 75.23 ng
RT: 9.44 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BG024649.D
Acq: 3 Nov 2016 12:33

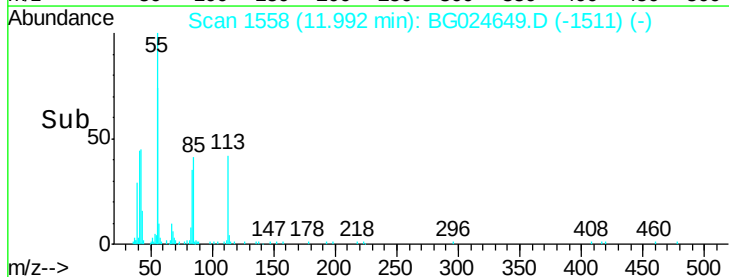
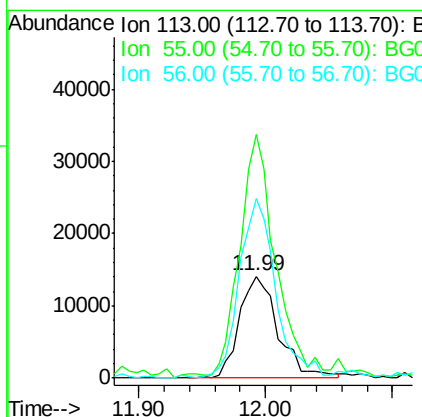
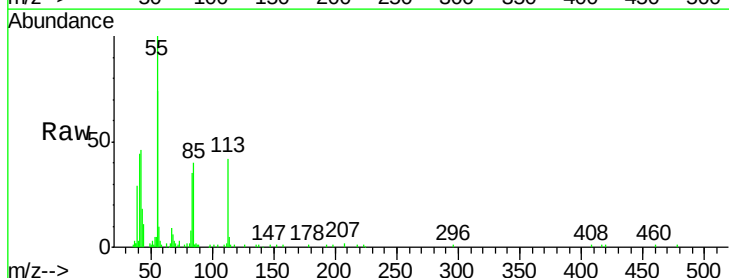
Instrument :
BNA_G
ClientSampleId :
GW-80-7.2-14.0

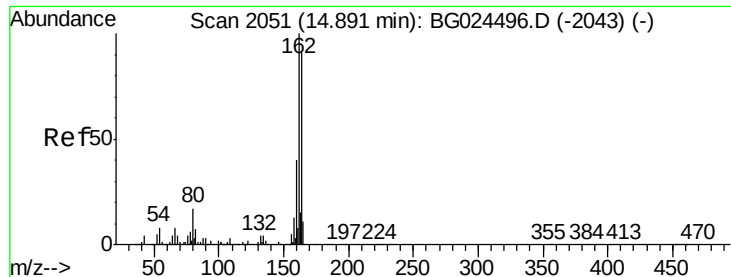
Tgt Ion: 82 Resp: 800772
Ion Ratio Lower Upper
82 100
128 36.6 26.4 39.6
54 56.7 49.4 74.2



#35
Caprolactam
Concen: 10.11 ng
RT: 11.99 min Scan# 1558
Delta R.T. -0.03 min
Lab File: BG024649.D
Acq: 3 Nov 2016 12:33

Tgt Ion: 113 Resp: 29900
Ion Ratio Lower Upper
113 100
55 239.8 198.6 238.6#
56 177.1 140.4 180.4





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.88 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BG024649.D

Acq: 3 Nov 2016 12:33

Instrument :

BNA_G

ClientSampleId :

GW-80-7.2-14.0

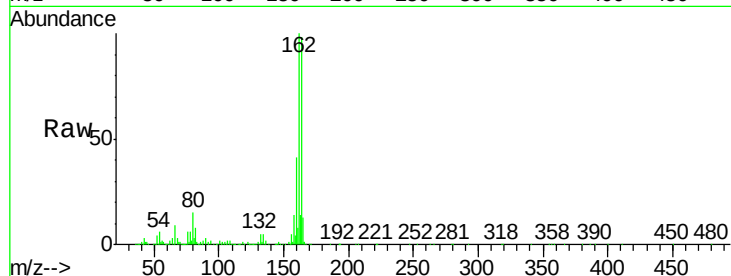
Tgt Ion:164 Resp: 369600

Ion Ratio Lower Upper

164 100

162 102.1 85.1 127.7

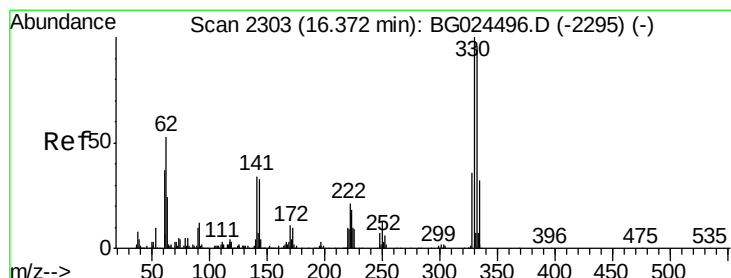
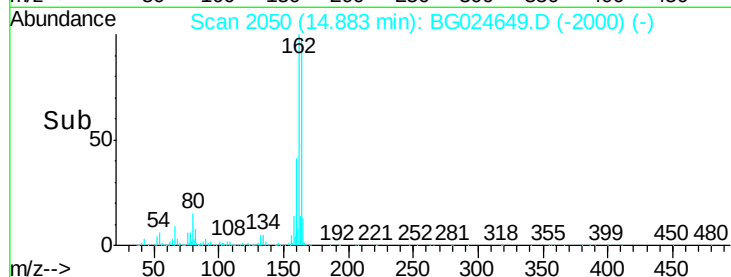
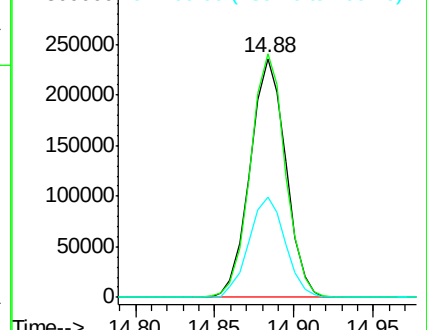
160 41.9 34.7 52.1



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: 111.84 ng

RT: 16.37 min Scan# 2303

Delta R.T. -0.00 min

Lab File: BG024649.D

Acq: 3 Nov 2016 12:33

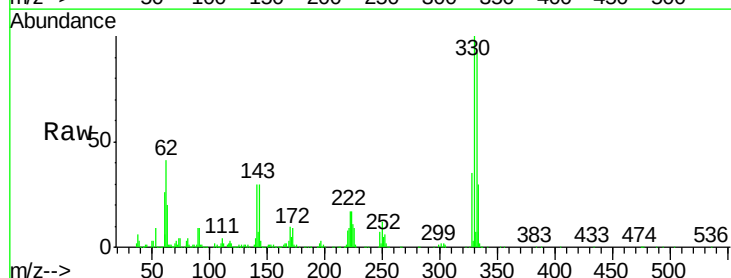
Tgt Ion:330 Resp: 617546

Ion Ratio Lower Upper

330 100

332 95.9 77.3 115.9

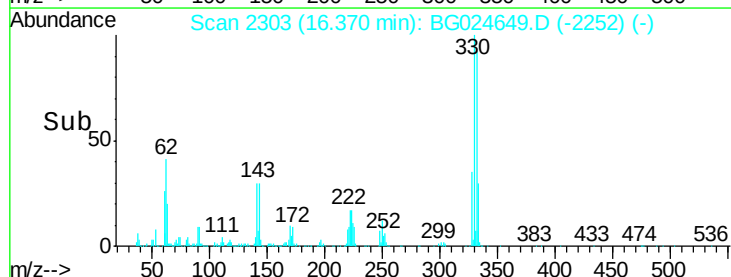
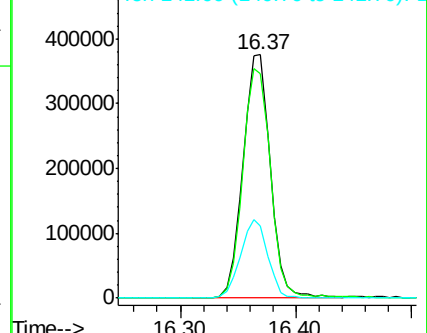
141 32.2 32.1 48.1

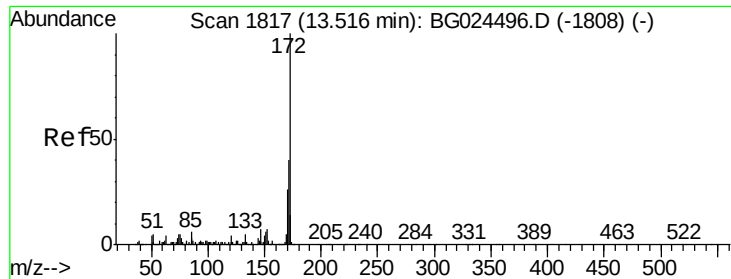


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

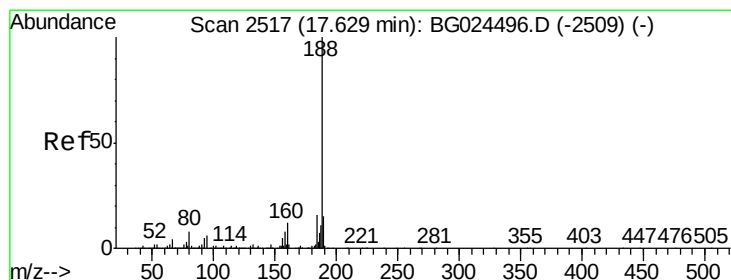
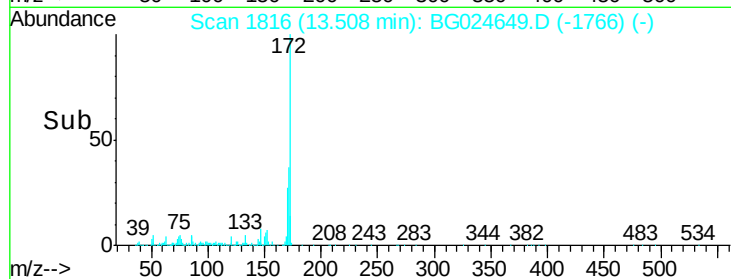
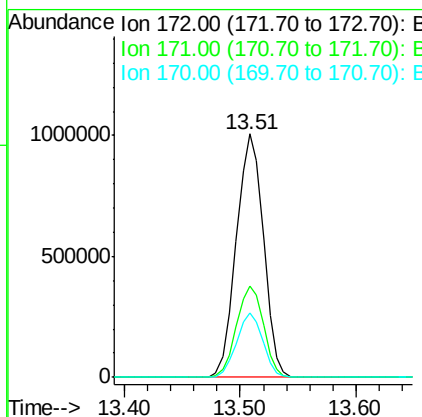
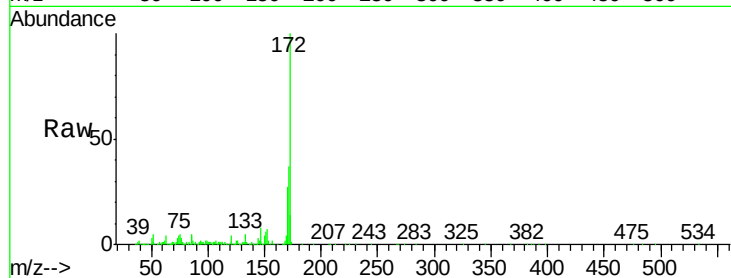




#44
2-Fluorobiphenyl
Concen: 73.46 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG024649.D
Acq: 3 Nov 2016 12:33

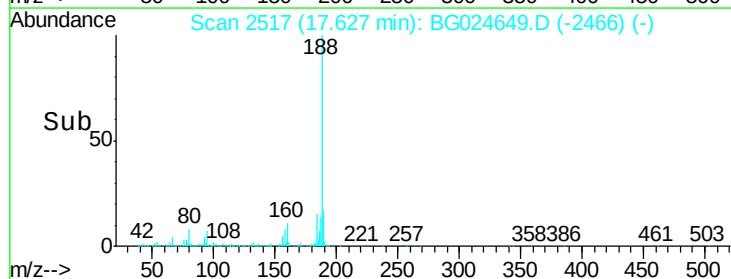
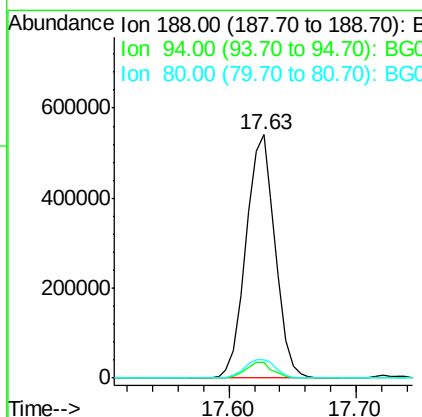
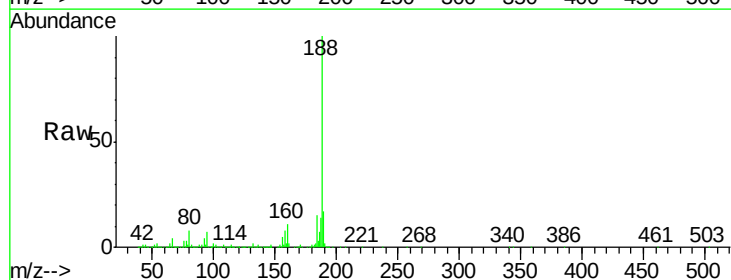
Instrument :
BNA_G
ClientSampleId :
GW-80-7.2-14.0

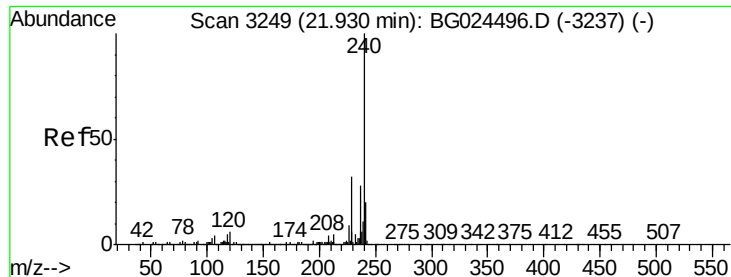
Tgt Ion:172 Resp: 1633618
Ion Ratio Lower Upper
172 100
171 37.5 32.2 48.2
170 26.6 21.8 32.6



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.63 min Scan# 2517
Delta R.T. -0.00 min
Lab File: BG024649.D
Acq: 3 Nov 2016 12:33

Tgt Ion:188 Resp: 859791
Ion Ratio Lower Upper
188 100
94 6.5 5.8 8.8
80 7.5 7.5 11.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.92 min Scan# 3247

Delta R.T. -0.01 min

Lab File: BG024649.D

Acq: 3 Nov 2016 12:33

Instrument :

BNA_G

ClientSampleId :

GW-80-7.2-14.0

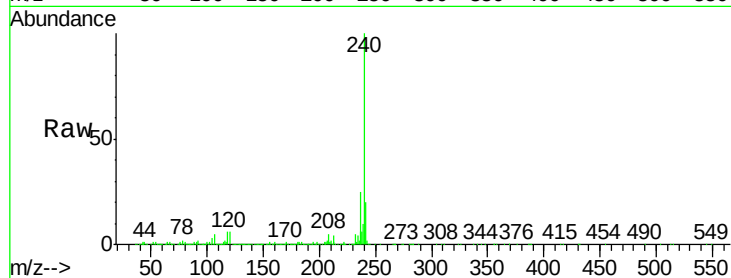
Tgt Ion:240 Resp: 1170888

Ion Ratio Lower Upper

240 100

120 6.4 5.7 8.5

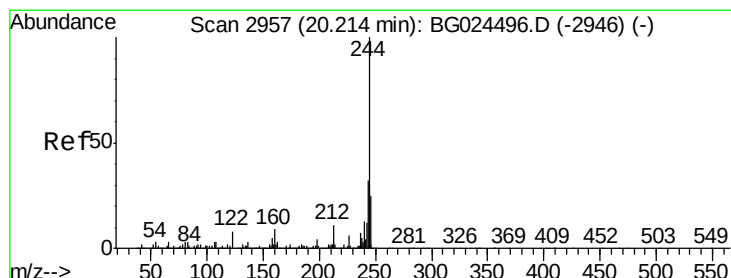
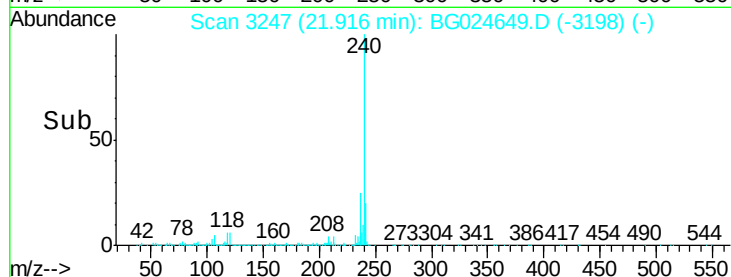
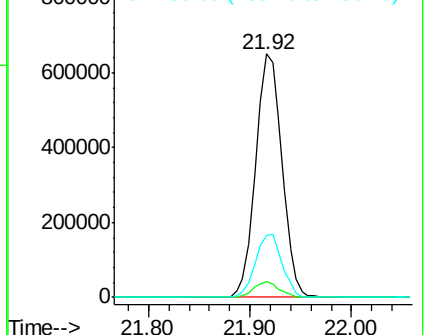
236 25.5 22.2 33.4



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: 68.92 ng

RT: 20.21 min Scan# 2956

Delta R.T. -0.01 min

Lab File: BG024649.D

Acq: 3 Nov 2016 12:33

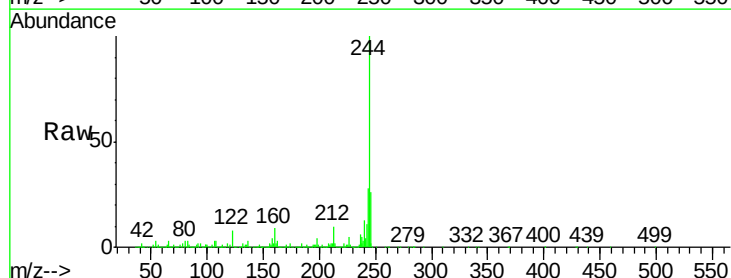
Tgt Ion:244 Resp: 2700578

Ion Ratio Lower Upper

244 100

212 10.1 10.0 15.0

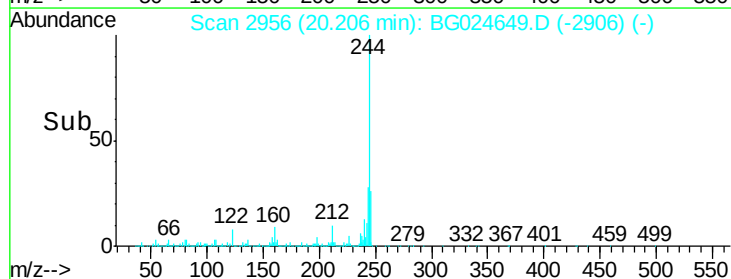
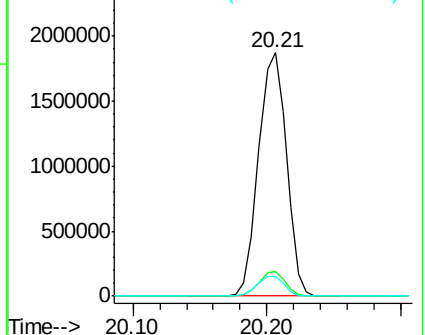
122 8.0 8.6 12.8#

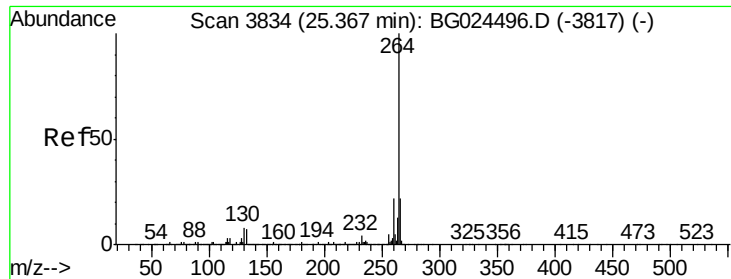


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.35 min Scan# 3831
Delta R.T. -0.02 min
Lab File: BG024649.D
Acq: 3 Nov 2016 12:33

Instrument :
BNA_G
ClientSampleId :
GW-80-7.2-14.0

Tgt Ion: 264 Resp: 1190759

Ion	Ratio	Lower	Upper
264	100		
260	23.3	21.8	32.8
265	22.0	18.2	27.4

