

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110216\
 Data File : BG024636.D
 Acq On : 2 Nov 2016 21:54
 Operator : UM/SJ
 Sample : H5491-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-69-7.6-12.0

Quant Time: Nov 03 01:34:15 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

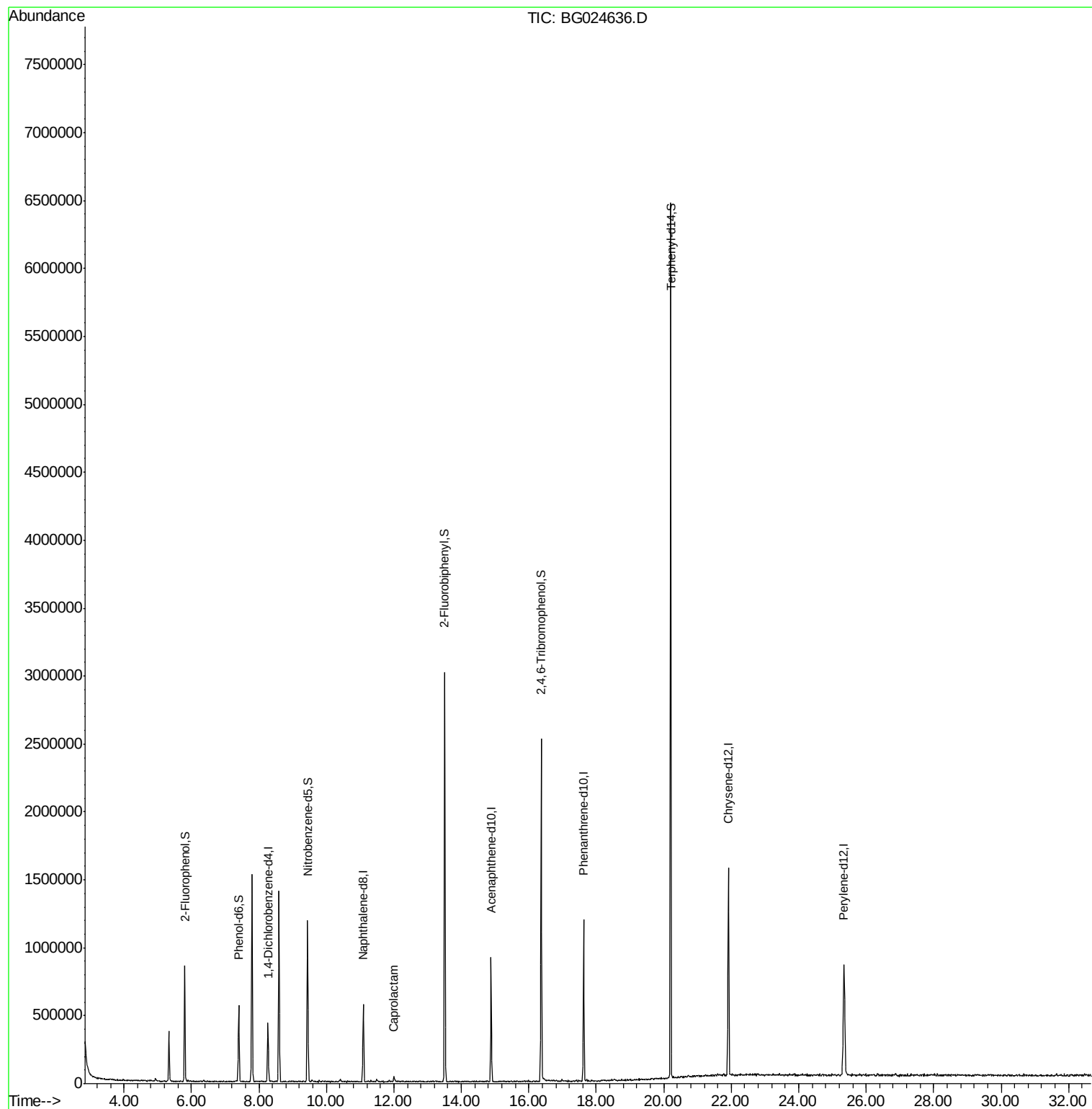
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	119877	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	456431	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	337019	20.00	ng	-0.01
63) Phenanthrene-d10	17.62	188	753694	20.00	ng	0.00
75) Chrysene-d12	21.91	240	1045656	20.00	ng	-0.02
86) Perylene-d12	25.34	264	1063607	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	356524	48.74	ng	0.00
7) Phenol-d6	7.40	99	315727	31.47	ng	0.00
23) Nitrobenzene-d5	9.44	82	742041	74.02	ng	-0.01
41) 2,4,6-Tribromophenol	16.37	330	540274	107.31	ng	0.00
44) 2-Fluorobiphenyl	13.50	172	1542358	76.07	ng	-0.01
78) Terphenyl-d14	20.20	244	2670046	76.30	ng	-0.01
Target Compounds						
35) Caprolactam	12.01	113	7429	2.67	ng	Qvalue # 44

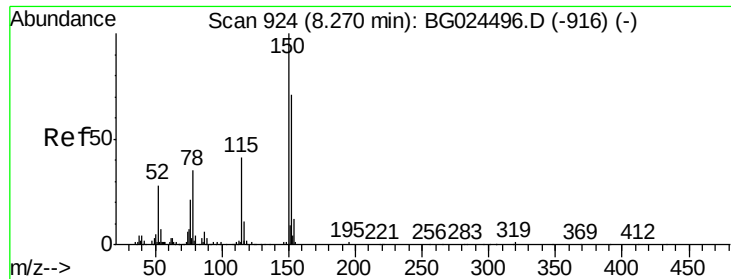
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG024636.D

Acq: 2 Nov 2016 21:54

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ClientSampleId :

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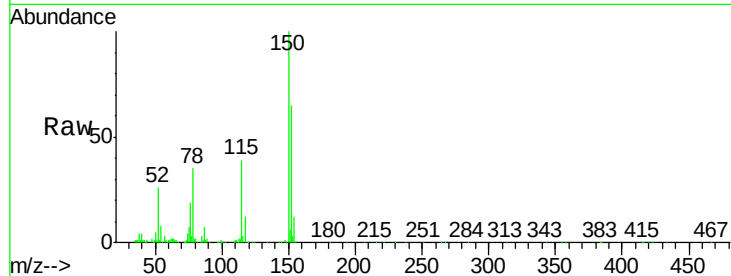
Tgt Ion:152 Resp: 119877

Ion Ratio Lower Upper

152 100

150 152.9 114.0 171.0

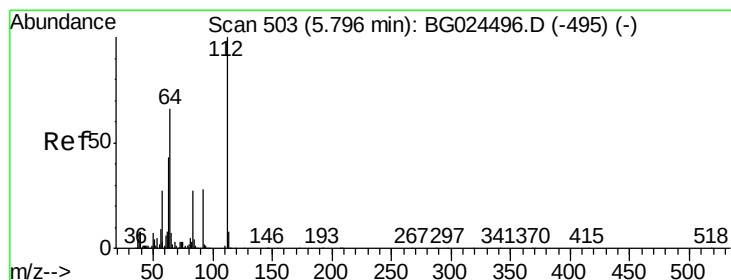
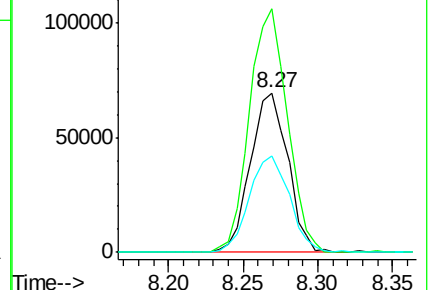
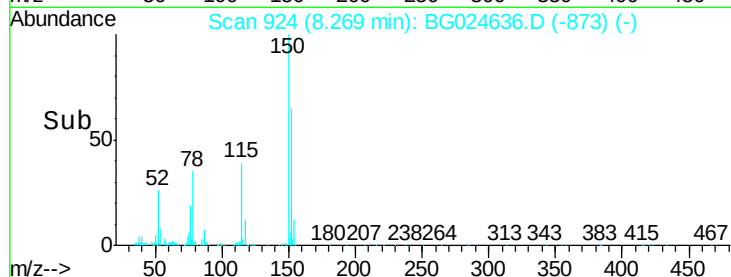
115 60.2 48.1 72.1



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: 48.74 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.01 min

Lab File: BG024636.D

Acq: 2 Nov 2016 21:54

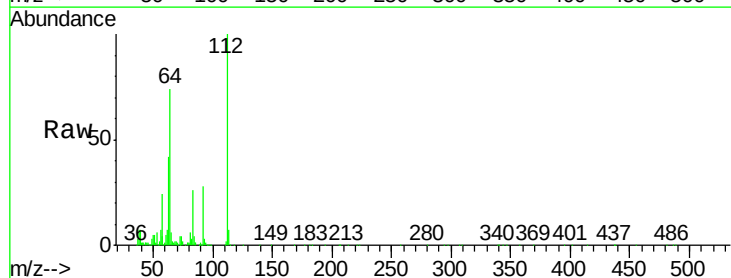
Tgt Ion:112 Resp: 356524

Ion Ratio Lower Upper

112 100

64 73.5 61.8 92.6

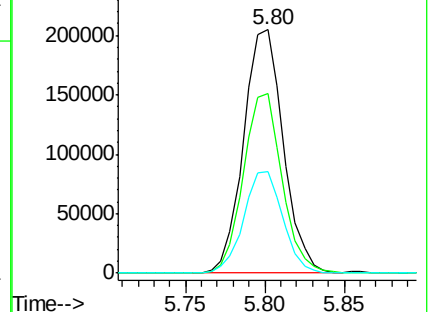
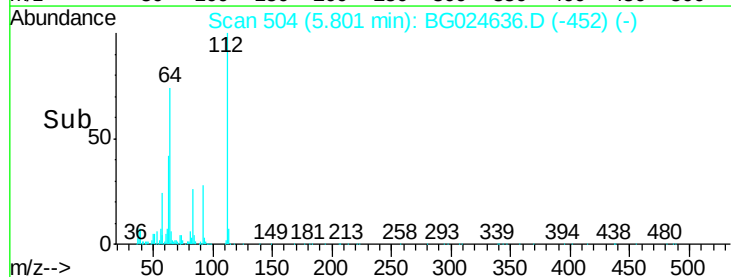
63 41.6 37.2 55.8

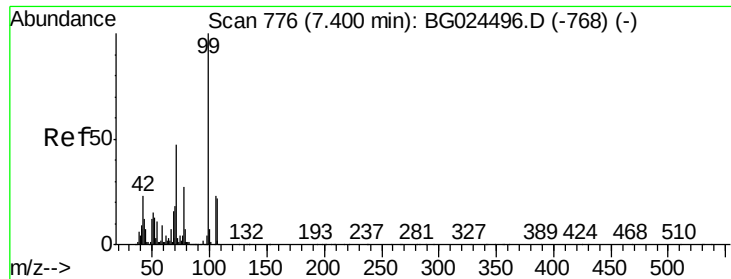


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 31.47 ng

RT: 7.40 min Scan# 776

Delta R.T. -0.00 min

Lab File: BG024636.D

Acq: 2 Nov 2016 21:54

Instrument :

BNA_G

ClientSampleId :

GW-69-7.6-12.0

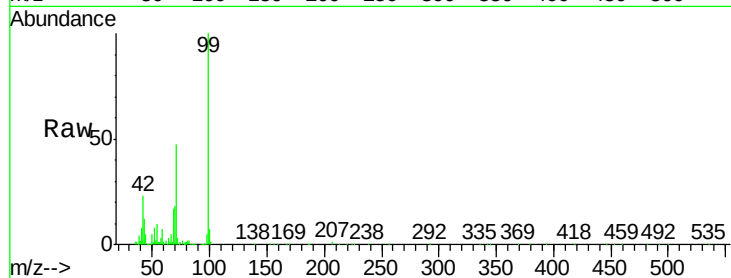
Tgt Ion: 99 Resp: 315727

Ion Ratio Lower Upper

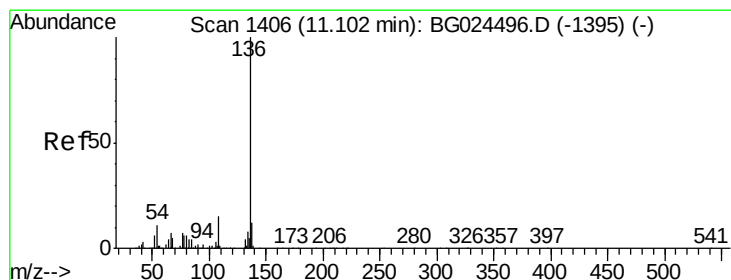
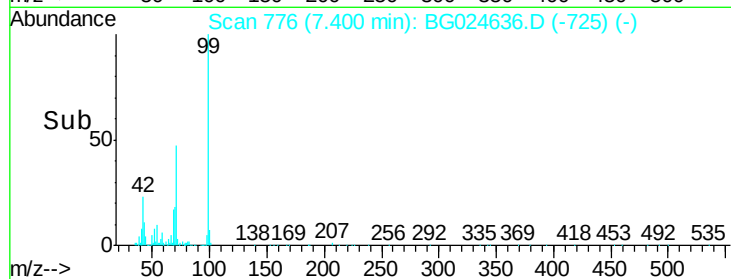
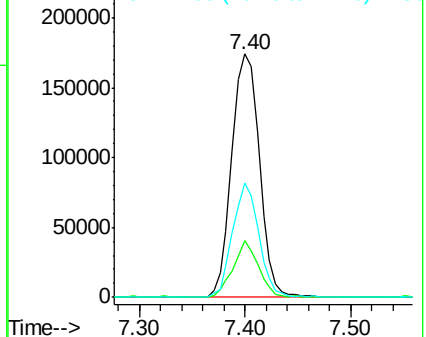
99 100

42 23.5 20.5 30.7

71 47.1 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: 11.10 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BG024636.D

Acq: 2 Nov 2016 21:54

Tgt Ion: 136 Resp: 456431

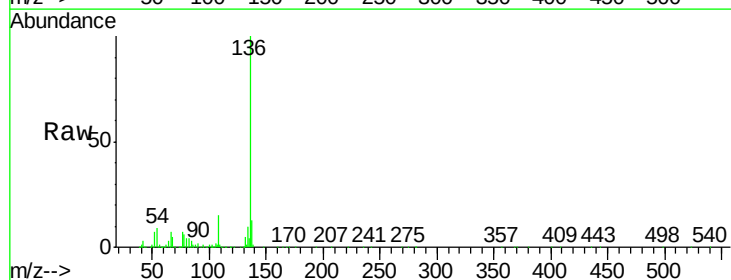
Ion Ratio Lower Upper

136 100

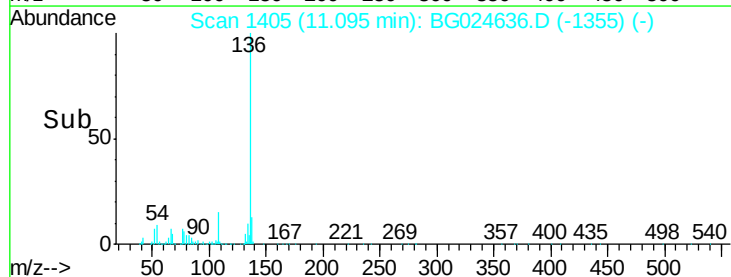
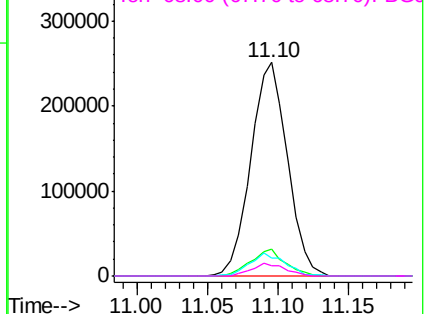
137 12.8 8.9 13.3

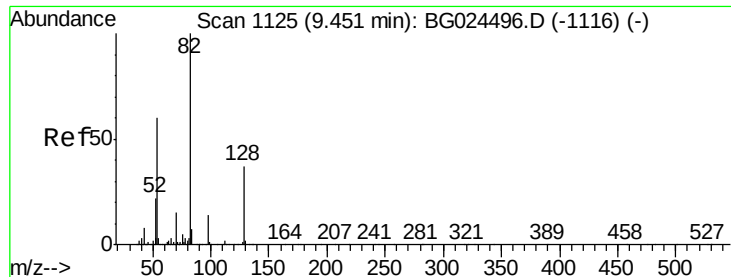
54 8.6 9.3 13.9#

68 4.7 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

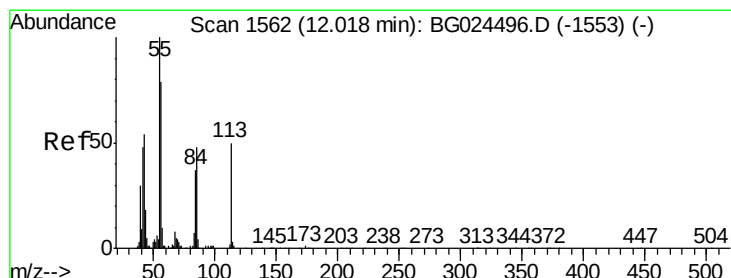
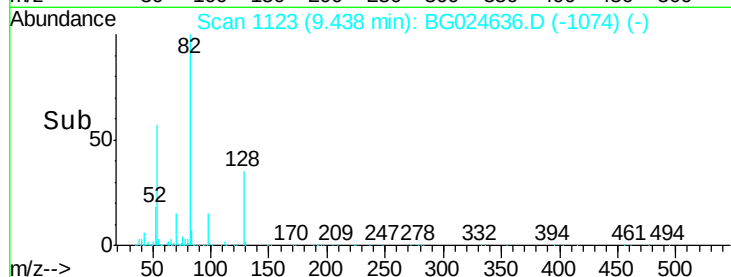
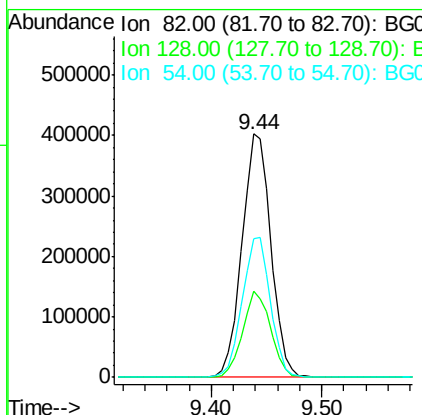
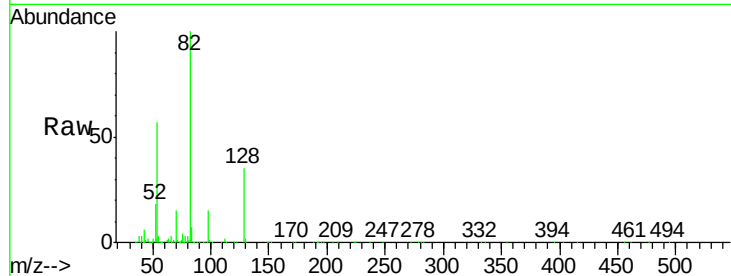




#23
 Nitrobenzene-d5
 Concen: 74.02 ng
 RT: 9.44 min Scan# 1123
 Delta R.T. -0.01 min
 Lab File: BG024636.D
 Acq: 2 Nov 2016 21:54

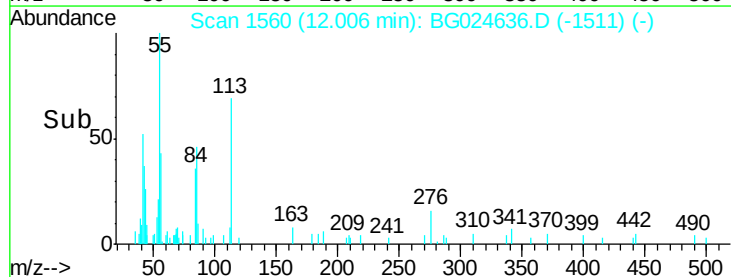
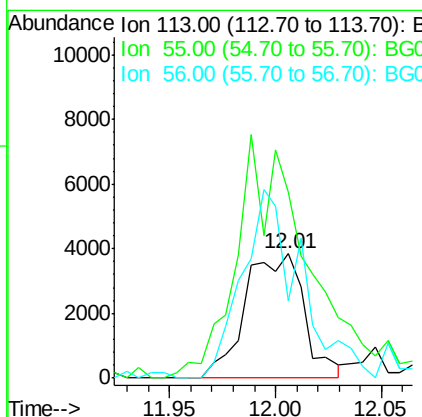
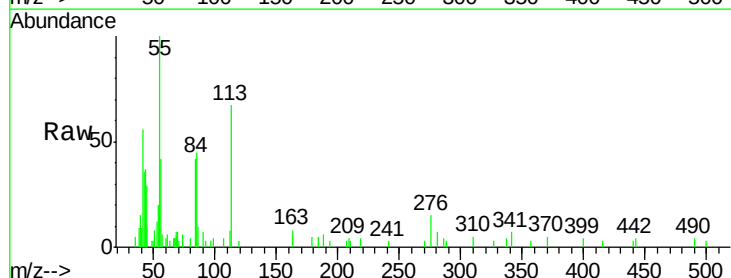
Instrument :
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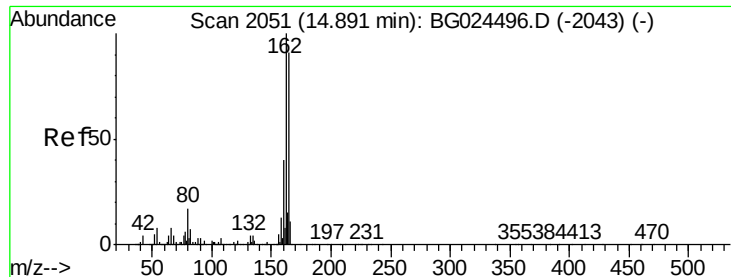
Tgt Ion: 82 Resp: 742041
 Ion Ratio Lower Upper
 82 100
 128 35.3 26.4 39.6
 54 56.8 49.4 74.2



#35
 Caprolactam
 Concen: 2.67 ng
 RT: 12.01 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BG024636.D
 Acq: 2 Nov 2016 21:54

Tgt Ion: 113 Resp: 7429
 Ion Ratio Lower Upper
 113 100
 55 149.7 198.6 238.6#
 56 62.5 140.4 180.4#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.88 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BG024636.D

Acq: 2 Nov 2016 21:54

Instrument :

BNA_G

ClientSampleId :

GW-69-7.6-12.0

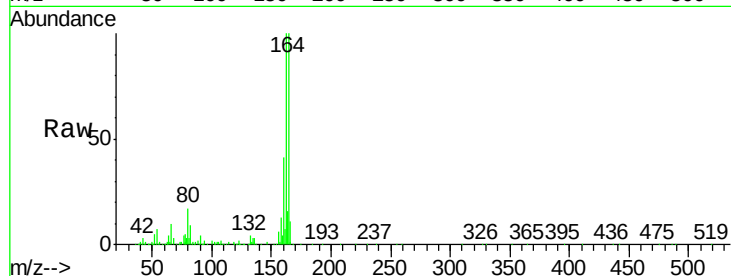
Tgt Ion:164 Resp: 337019

Ion Ratio Lower Upper

164 100

162 100.0 85.1 127.7

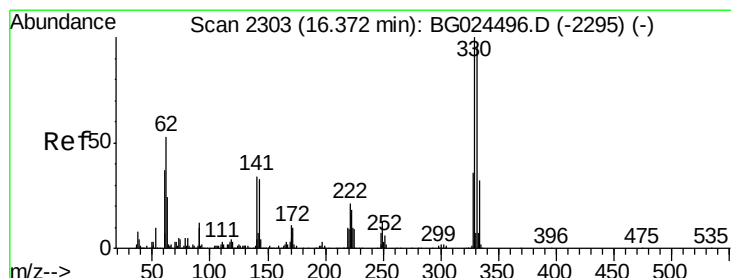
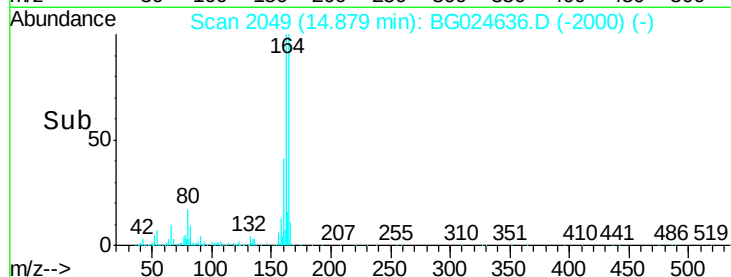
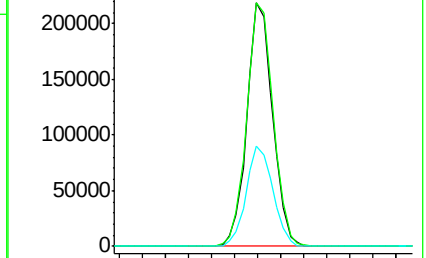
160 40.9 34.7 52.1



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: 107.31 ng

RT: 16.37 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BG024636.D

Acq: 2 Nov 2016 21:54

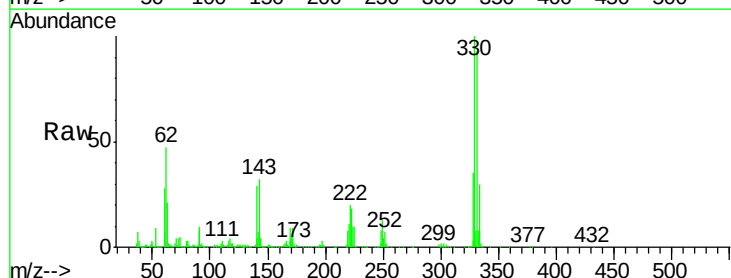
Tgt Ion:330 Resp: 540274

Ion Ratio Lower Upper

330 100

332 95.4 77.3 115.9

141 32.9 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

