

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110216\
 Data File : BG024638.D
 Acq On : 2 Nov 2016 23:12
 Operator : UM/SJ
 Sample : H5491-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-71-7.7-14.0

Quant Time: Nov 03 02:34:37 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

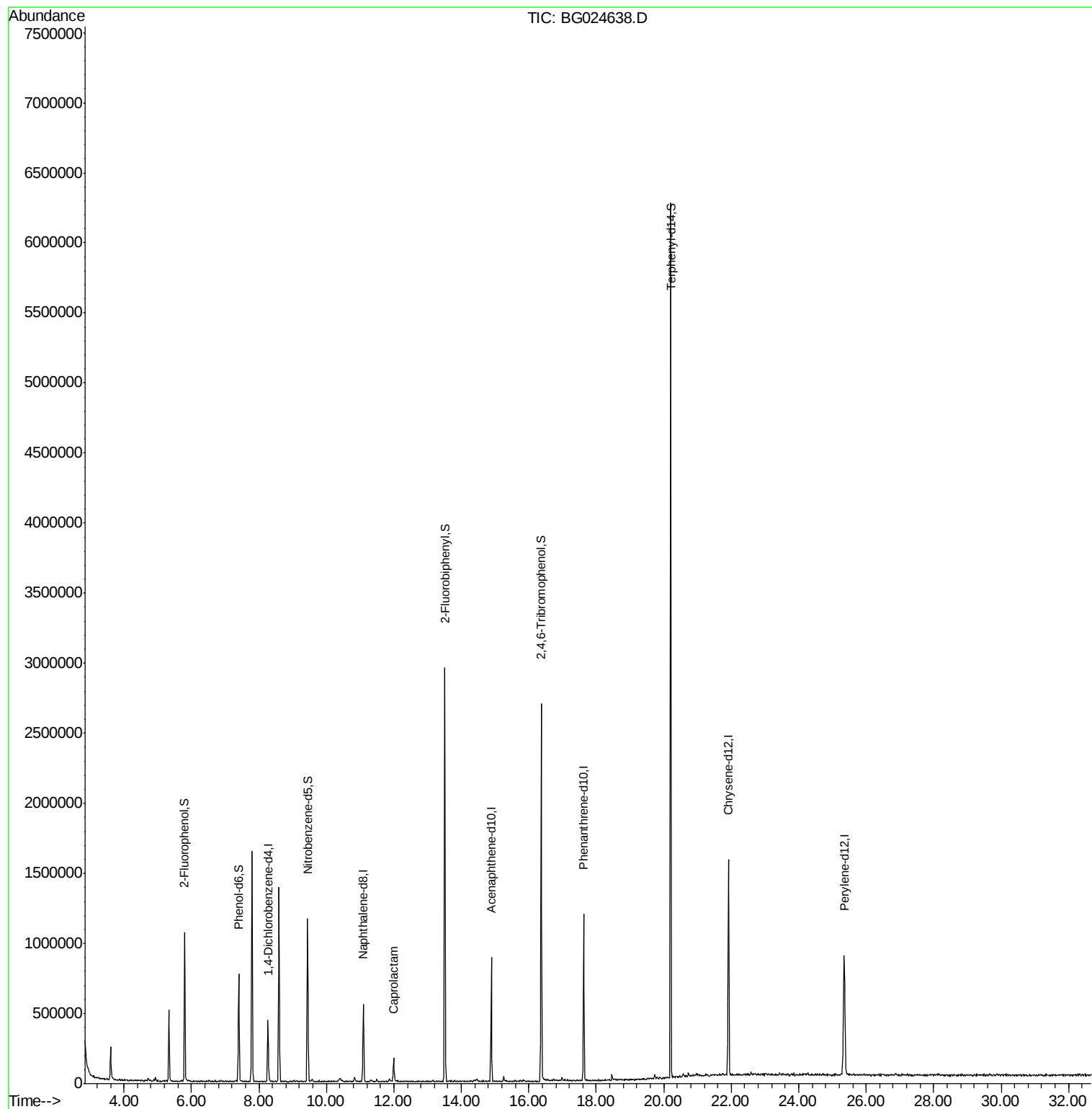
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	114704	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	439091	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	339421	20.00	ng	-0.01
63) Phenanthrene-d10	17.62	188	741023	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1079306	20.00	ng	-0.01
86) Perylene-d12	25.34	264	1082980	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	436386	62.35	ng	0.00
7) Phenol-d6	7.40	99	421545	43.91	ng	0.00
23) Nitrobenzene-d5	9.44	82	751084	77.88	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	565648	111.55	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1557447	76.27	ng	0.00
78) Terphenyl-d14	20.20	244	2703343	74.84	ng	-0.01
Target Compounds						
35) Caprolactam	11.99	113	30117	11.24	ng	Qvalue 88

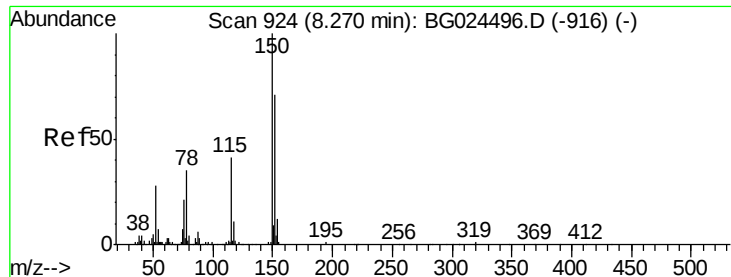
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG024638.D

Acq: 2 Nov 2016 23:12

Instrument :

BNA_G

ClientSampleId :

GW-71-7.7-14.0

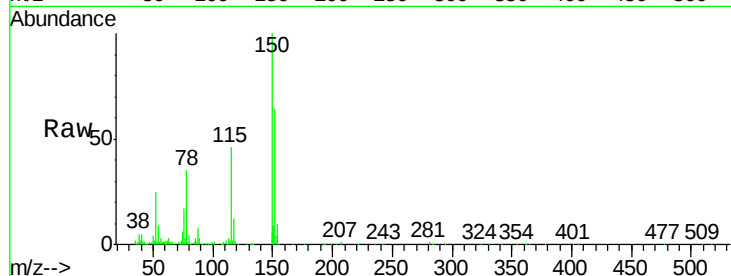
Tgt Ion:152 Resp: 114704

Ion Ratio Lower Upper

152 100

150 156.2 114.0 171.0

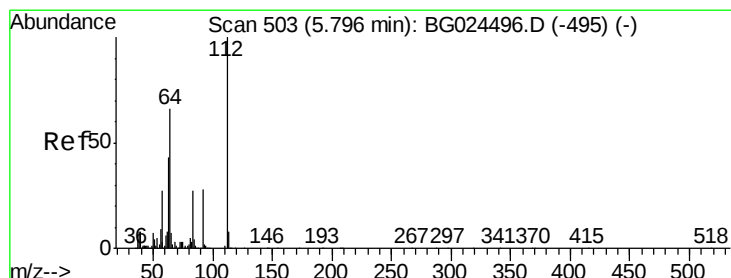
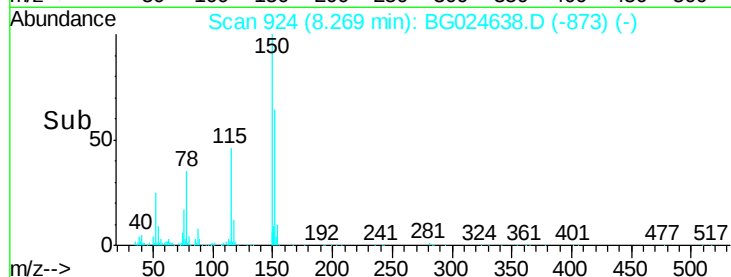
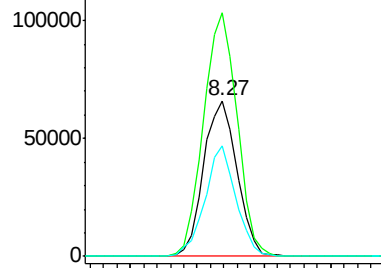
115 71.3 48.1 72.1



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: 62.35 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.01 min

Lab File: BG024638.D

Acq: 2 Nov 2016 23:12

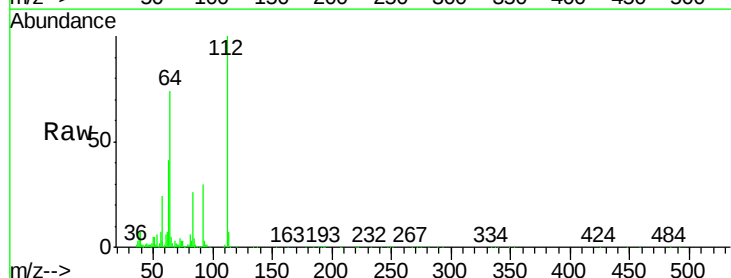
Tgt Ion:112 Resp: 436386

Ion Ratio Lower Upper

112 100

64 74.3 61.8 92.6

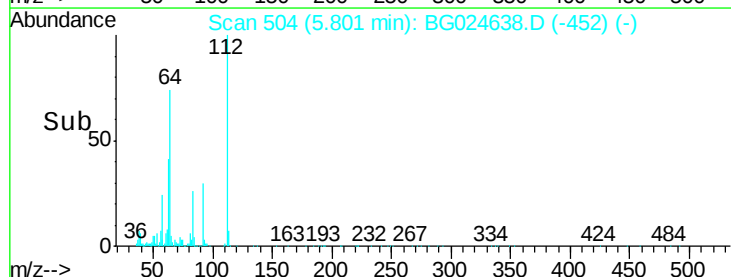
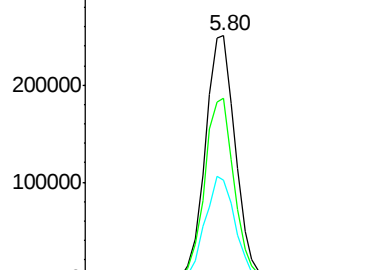
63 40.5 37.2 55.8

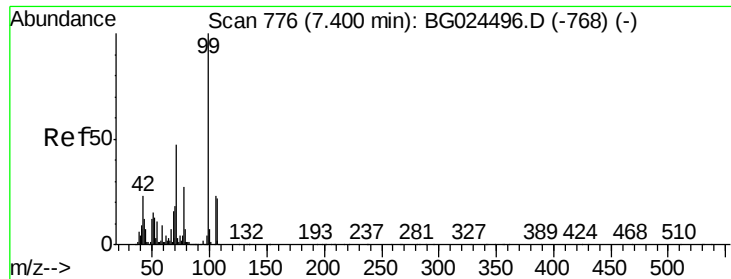


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 43.91 ng

RT: 7.40 min Scan# 776

Delta R.T. -0.00 min

Lab File: BG024638.D

Acq: 2 Nov 2016 23:12

Instrument :

BNA_G

ClientSampleId :

GW-71-7.7-14.0

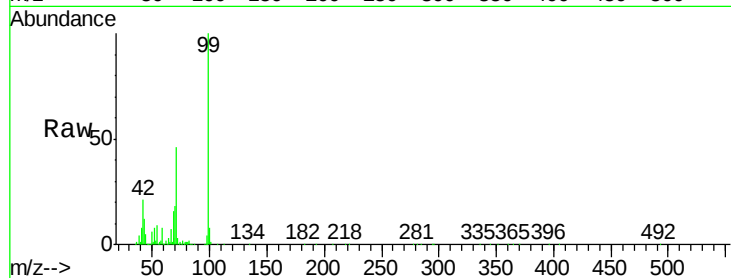
Tgt Ion: 99 Resp: 421545

Ion Ratio Lower Upper

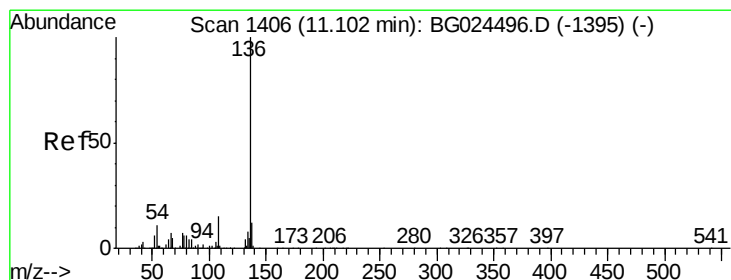
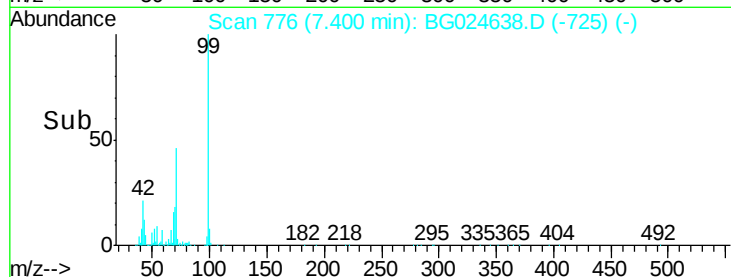
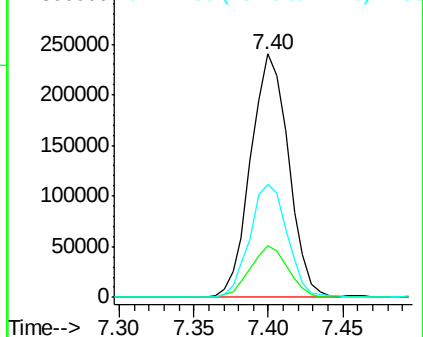
99 100

42 21.1 20.5 30.7

71 46.5 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: BG024638.D

Acq: 2 Nov 2016 23:12

Tgt Ion: 136 Resp: 439091

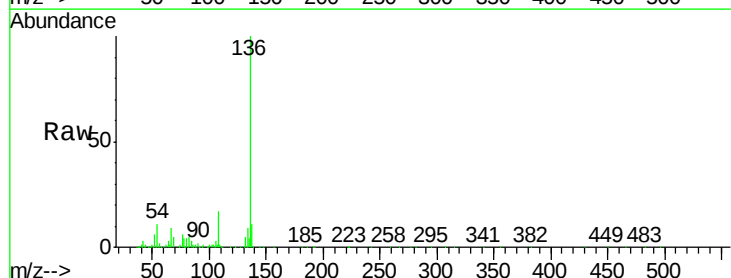
Ion Ratio Lower Upper

136 100

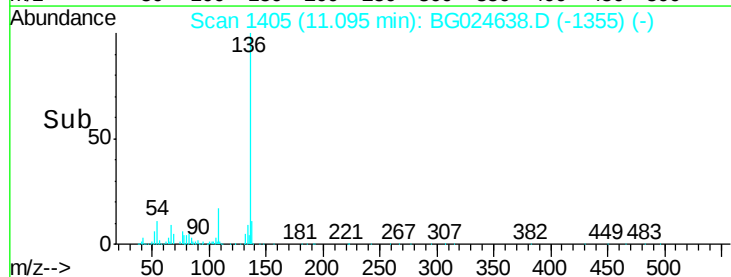
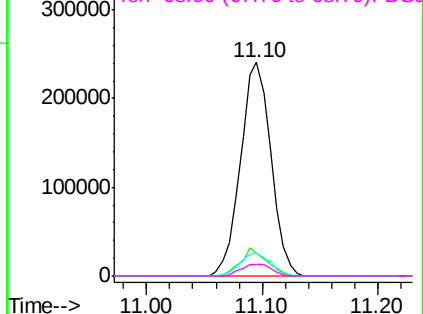
137 10.9 8.9 13.3

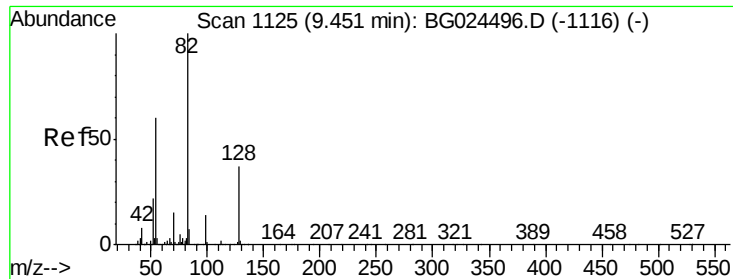
54 10.7 9.3 13.9

68 5.3 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

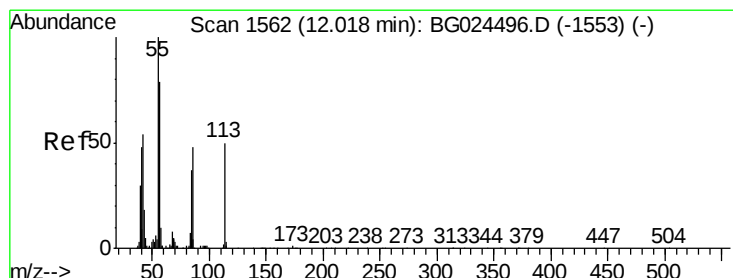
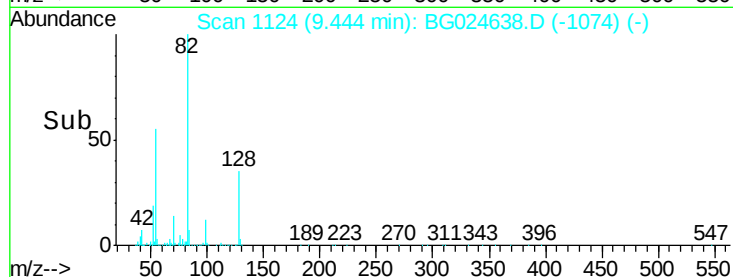
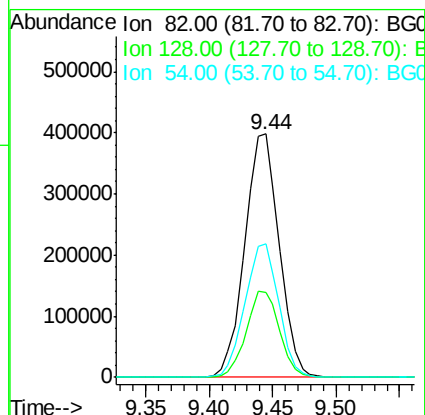
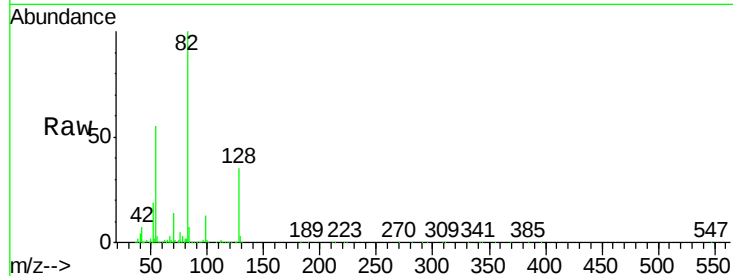




#23
 Nitrobenzene-d5
 Concen: 77.88 ng
 RT: 9.44 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BG024638.D
 Acq: 2 Nov 2016 23:12

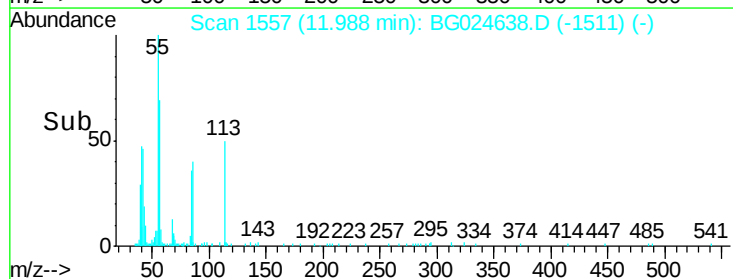
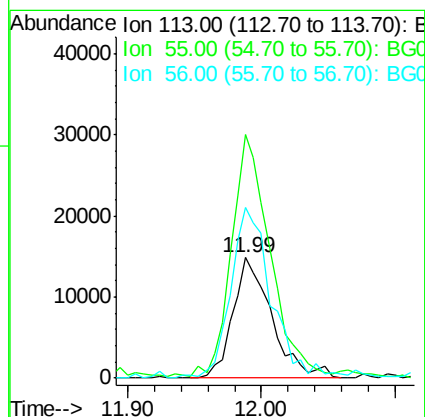
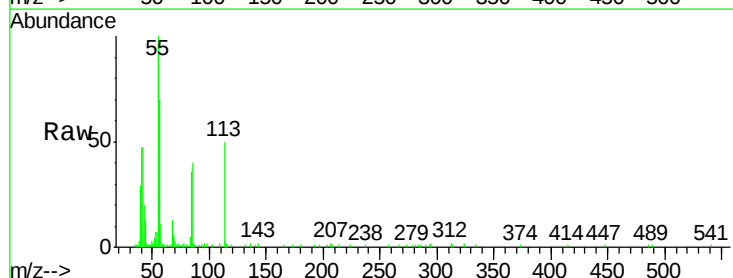
Instrument :
 BNA_G
 ClientSampleId :
 GW-71-7.7-14.0

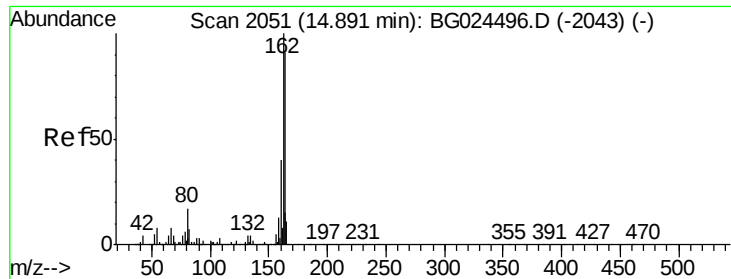
Tgt Ion: 82 Resp: 751084
 Ion Ratio Lower Upper
 82 100
 128 34.6 26.4 39.6
 54 54.7 49.4 74.2



#35
 Caprolactam
 Concen: 11.24 ng
 RT: 11.99 min Scan# 1557
 Delta R.T. -0.03 min
 Lab File: BG024638.D
 Acq: 2 Nov 2016 23:12

Tgt Ion: 113 Resp: 30117
 Ion Ratio Lower Upper
 113 100
 55 201.9 198.6 238.6
 56 141.7 140.4 180.4





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.88 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BG024638.D

Acq: 2 Nov 2016 23:12

Instrument :

BNA_G

ClientSampleId :

GW-71-7.7-14.0

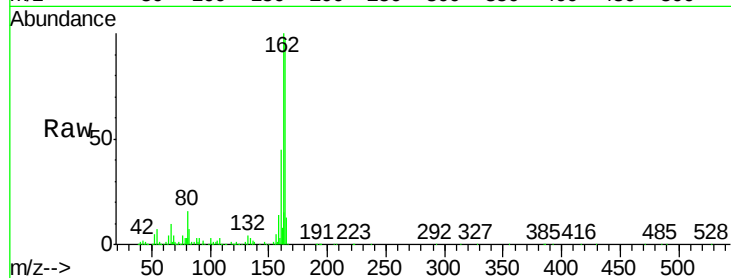
Tgt Ion:164 Resp: 339421

Ion Ratio Lower Upper

164 100

162 102.7 85.1 127.7

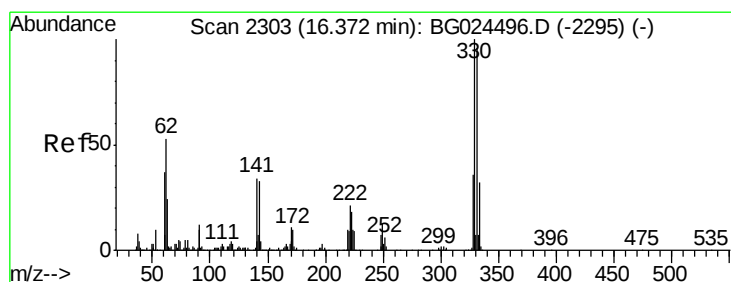
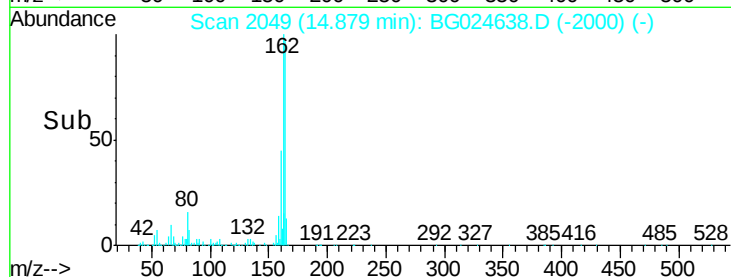
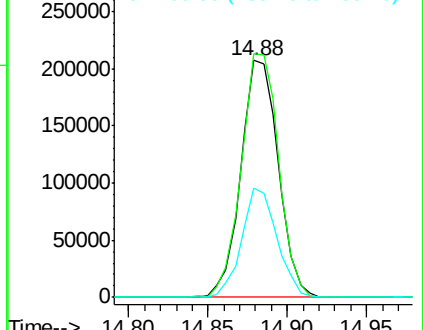
160 46.1 34.7 52.1



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: 111.55 ng

RT: 16.37 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BG024638.D

Acq: 2 Nov 2016 23:12

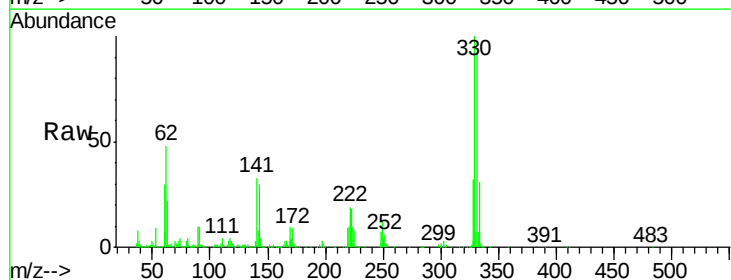
Tgt Ion:330 Resp: 565648

Ion Ratio Lower Upper

330 100

332 95.1 77.3 115.9

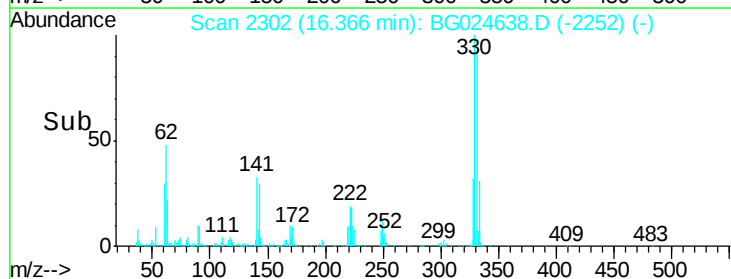
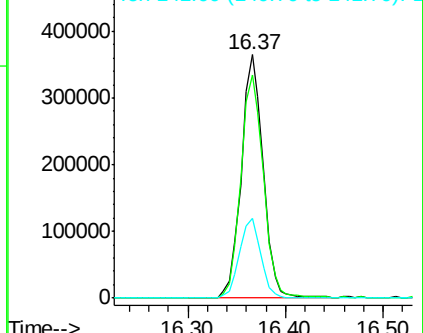
141 32.0 32.1 48.1#

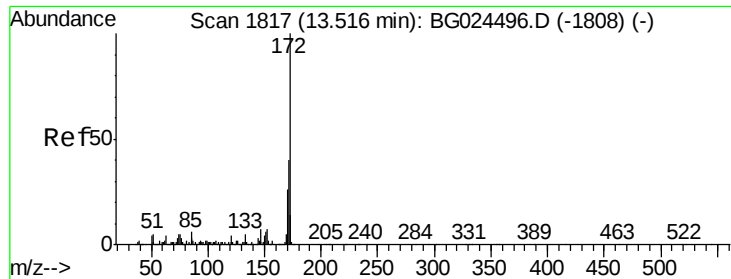


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 76.27 ng

RT: 13.51 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BG024638.D

Acq: 2 Nov 2016 23:12

Instrument :

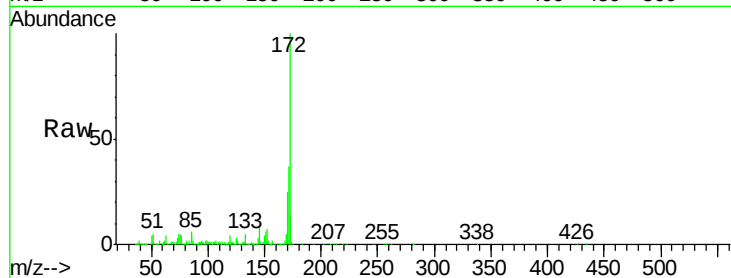
BNA_G

ClientSampleId :

GW-71-7.7-14.0

Tgt Ion:172 Resp: 1557447

Ion	Ratio	Lower	Upper
172	100		
171	37.2	32.2	48.2
170	25.5	21.8	32.6

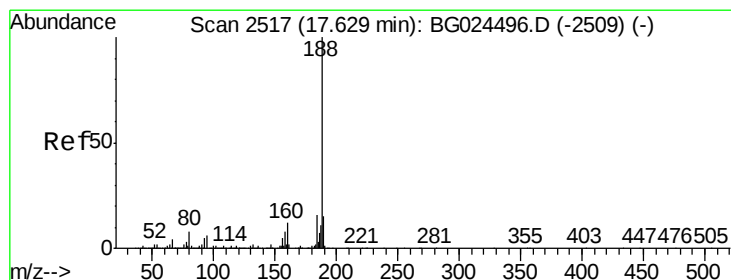
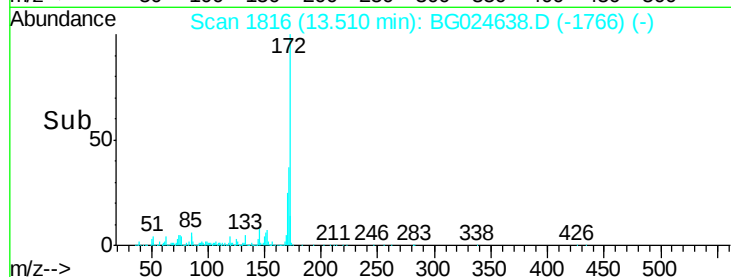
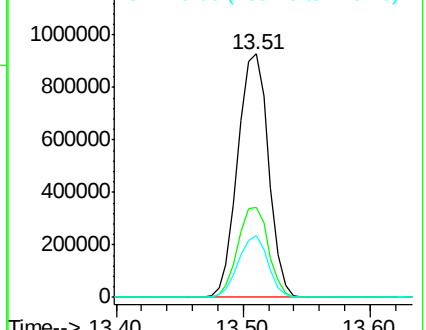


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.62 min Scan# 2516

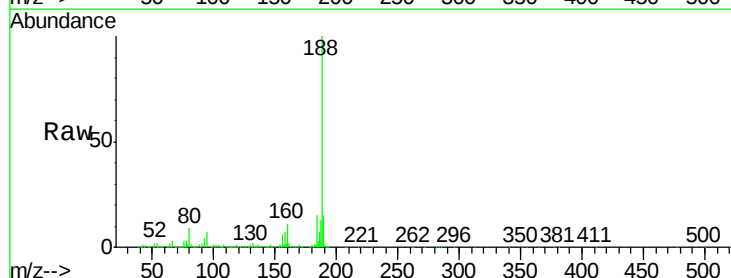
Delta R.T. -0.01 min

Lab File: BG024638.D

Acq: 2 Nov 2016 23:12

Tgt Ion:188 Resp: 741023

Ion	Ratio	Lower	Upper
188	100		
94	7.4	5.8	8.8
80	8.8	7.5	11.3

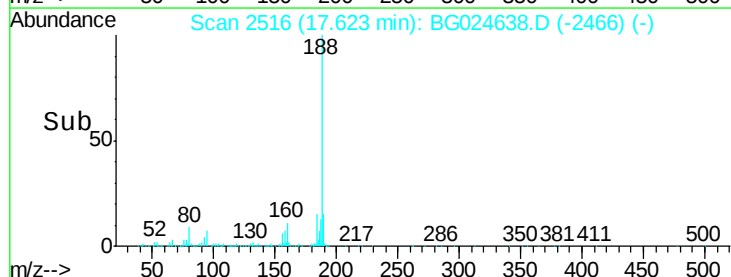
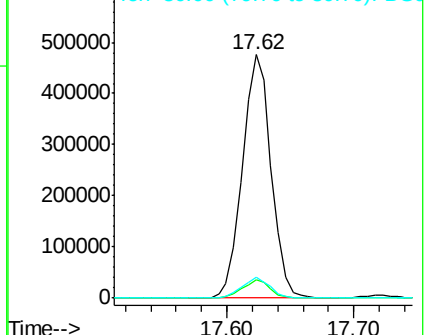


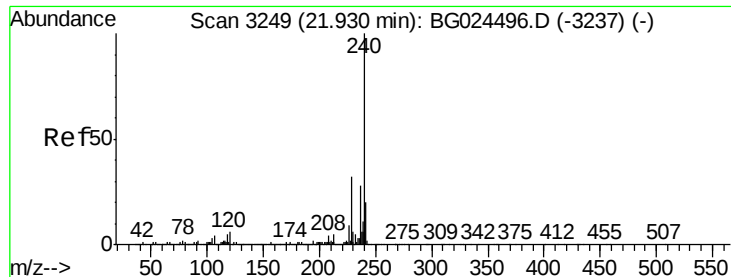
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

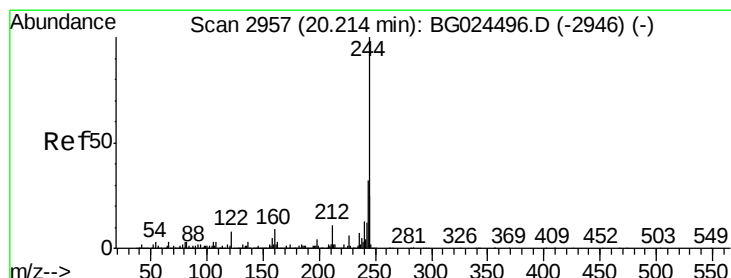
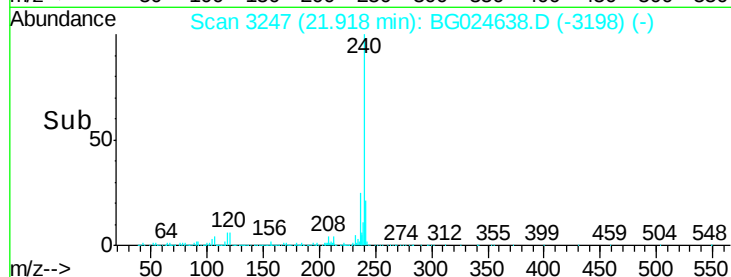
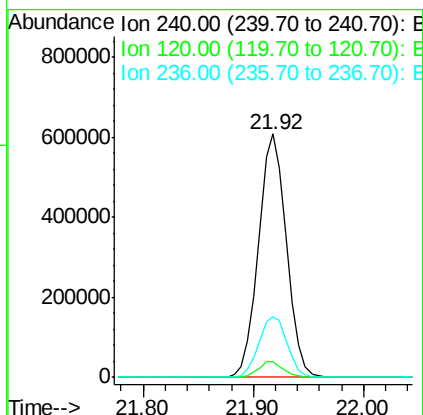
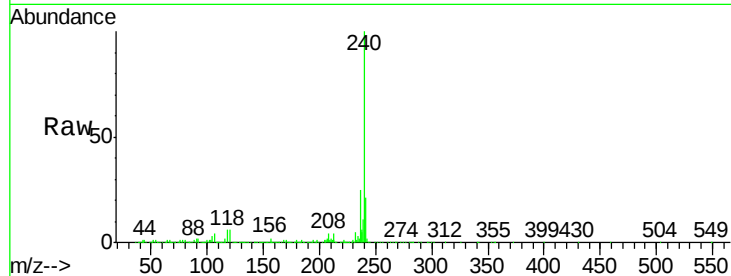




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3247
Delta R.T. -0.01 min
Lab File: BG024638.D
Acq: 2 Nov 2016 23:12

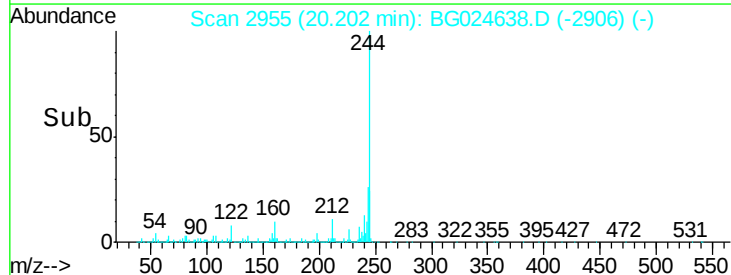
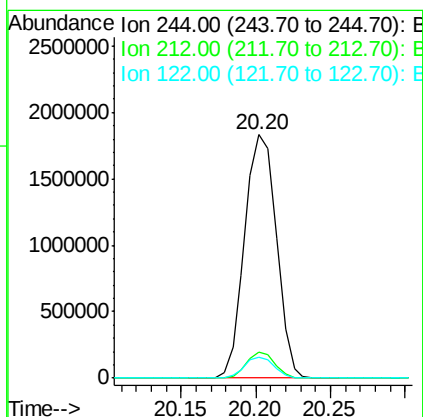
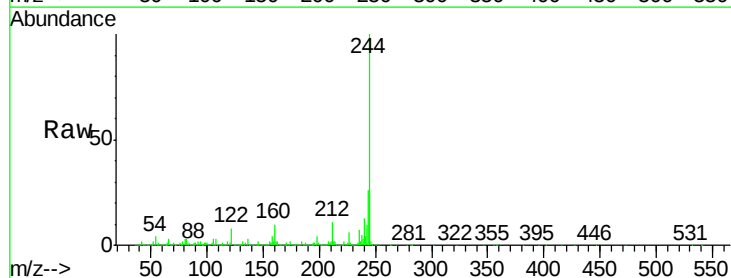
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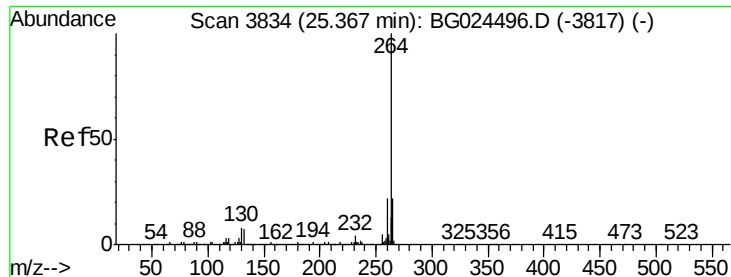
Tgt Ion:240 Resp: 1079306
Ion Ratio Lower Upper
240 100
120 6.3 5.7 8.5
236 24.9 22.2 33.4



#78
Terphenyl-d14
Concen: 74.84 ng
RT: 20.20 min Scan# 2955
Delta R.T. -0.01 min
Lab File: BG024638.D
Acq: 2 Nov 2016 23:12

Tgt Ion:244 Resp: 2703343
Ion Ratio Lower Upper
244 100
212 10.9 10.0 15.0
122 8.5 8.6 12.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.34 min Scan# 3830
Delta R.T. -0.02 min
Lab File: BG024638.D
Acq: 2 Nov 2016 23:12

Instrument :
BNA_G
ClientSampleId :
GW-71-7.7-14.0

Tgt Ion: 264 Resp: 1082980

Ion	Ratio	Lower	Upper
264	100		
260	25.2	21.8	32.8
265	23.0	18.2	27.4

