

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110416\
 Data File : BG024713.D
 Acq On : 5 Nov 2016 15:16
 Operator : UM/SJ
 Sample : H5527-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-101-10.4-22.0

Quant Time: Nov 06 23:48:59 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

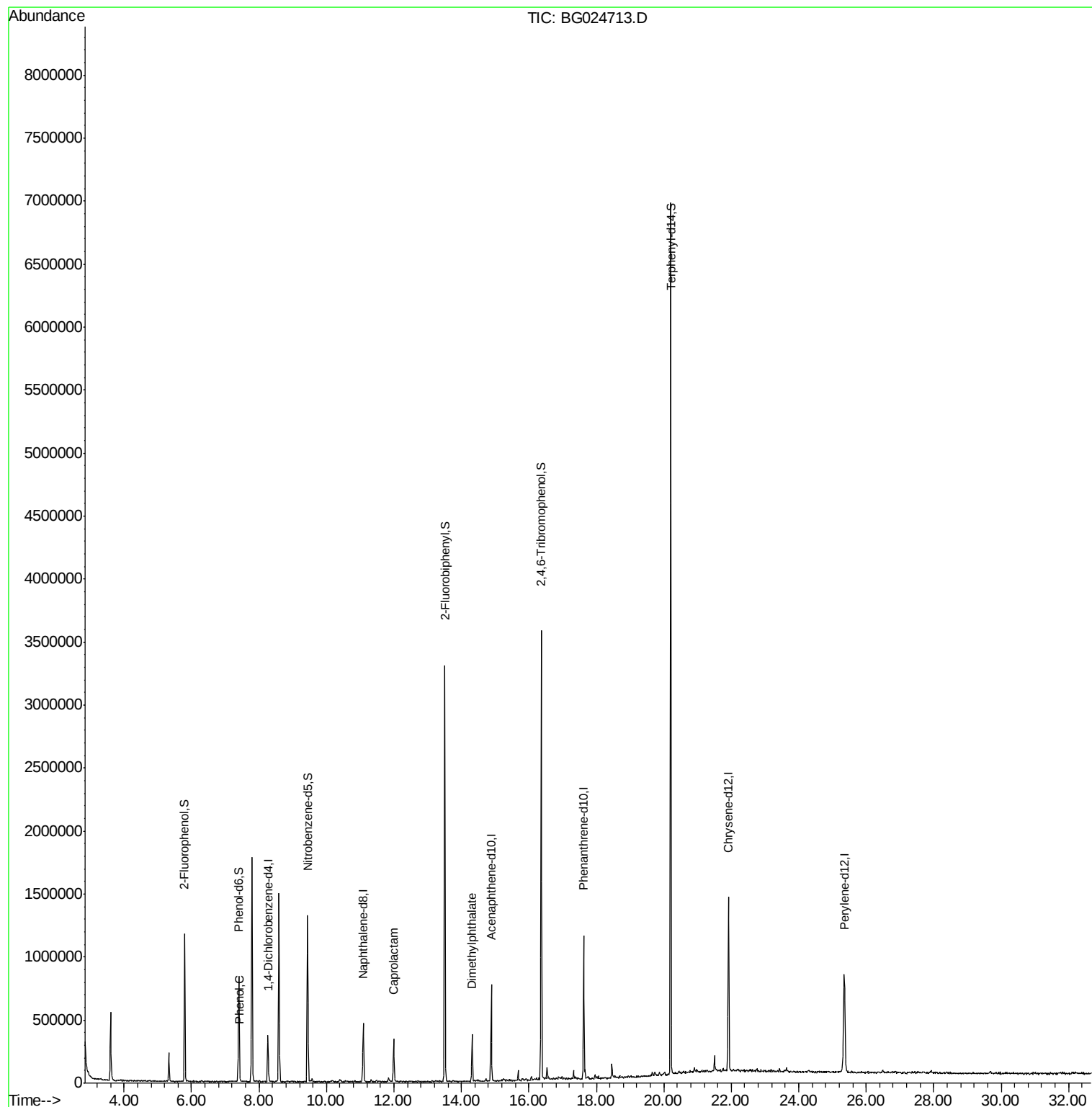
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	93799	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	376886	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	294561	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	701440	20.00	ng	0.00
75) Chrysene-d12	21.92	240	966435	20.00	ng	-0.01
86) Perylene-d12	25.35	264	990431	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	482951	84.39	ng	0.00
7) Phenol-d6	7.41	99	469441	59.80	ng	0.00
23) Nitrobenzene-d5	9.44	82	833881	100.74	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	692101	157.27	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1707358	96.34	ng	0.00
78) Terphenyl-d14	20.20	244	2936190	90.78	ng	-0.01
Target Compounds						
10) Phenol	7.43	94	17950	2.22	ng	Qvalue 96
35) Caprolactam	11.99	113	60331	26.24	ng	# 89
49) Dimethylphthalate	14.32	163	231100	11.05	ng	99

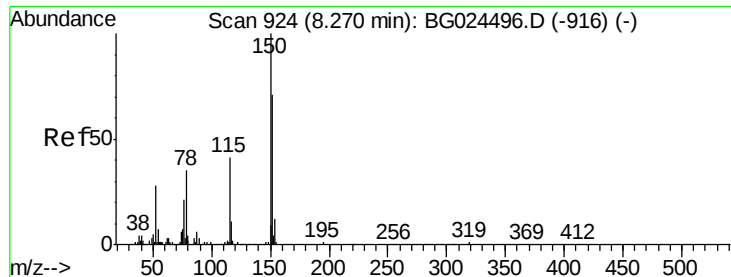
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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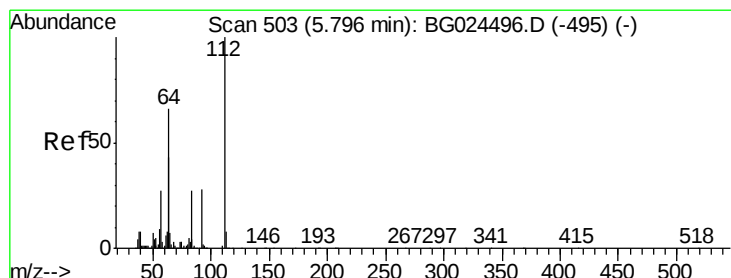
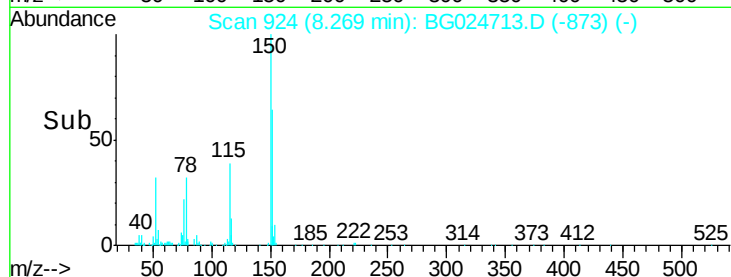
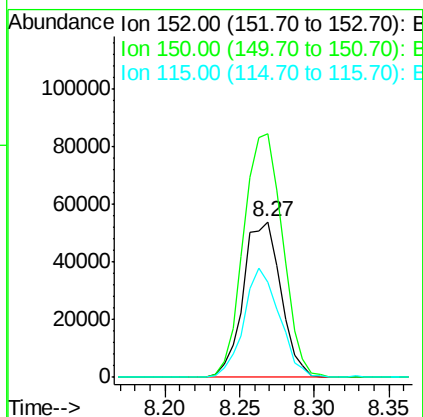
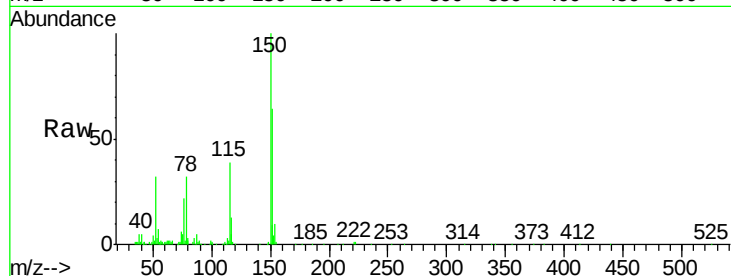


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.27 min Scan# 924
Delta R.T. -0.00 min
Lab File: BG024713.D
Acq: 5 Nov 2016 15:16

Instrument :
BNA_G
ClientSampleId :
GW-101-10.4-22.0

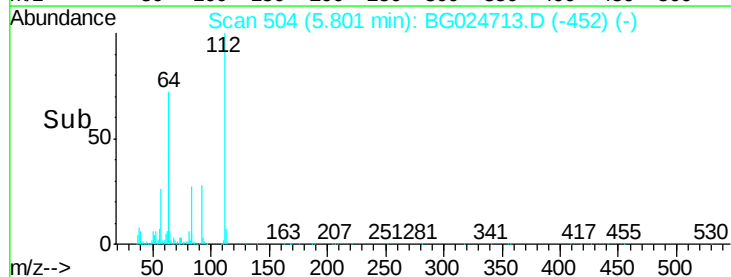
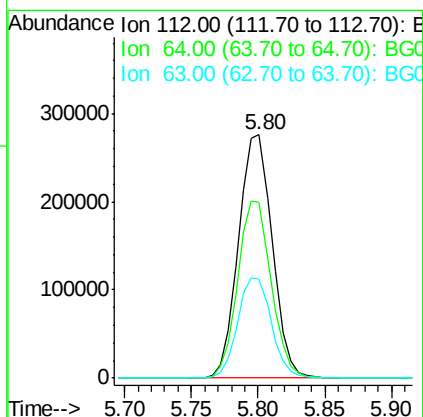
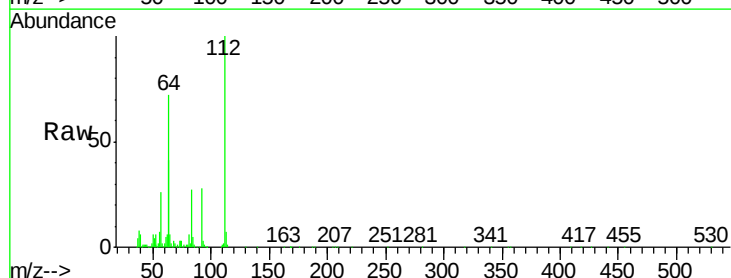
Tgt Ion:152 Resp: 93799
Ion Ratio Lower Upper
152 100
150 156.7 114.0 171.0
115 61.5 48.1 72.1

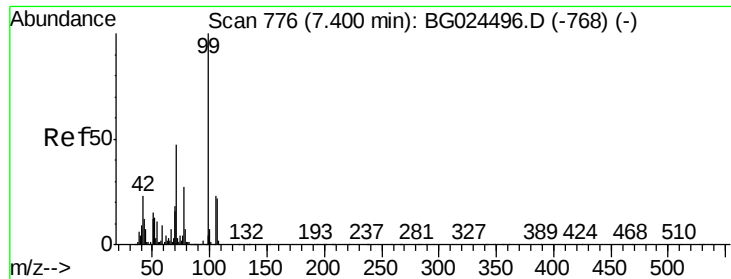


#5

2-Fluorophenol
Concen: 84.39 ng
RT: 5.80 min Scan# 504
Delta R.T. 0.00 min
Lab File: BG024713.D
Acq: 5 Nov 2016 15:16

Tgt Ion:112 Resp: 482951
Ion Ratio Lower Upper
112 100
64 72.3 61.8 92.6
63 40.9 37.2 55.8





#7

Phenol-d6

Concen: 59.80 ng

RT: 7.41 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG024713.D

Acq: 5 Nov 2016 15:16

Instrument :

BNA_G

ClientSampleId :

GW-101-10.4-22.0

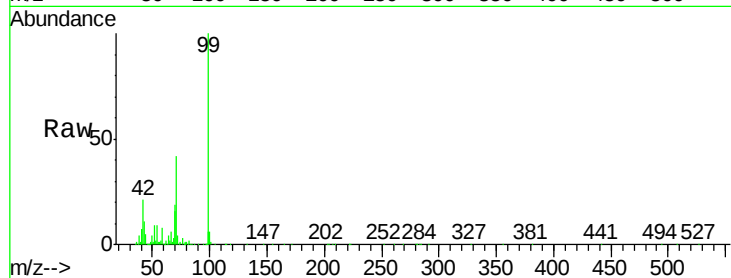
Tgt Ion: 99 Resp: 469441

Ion Ratio Lower Upper

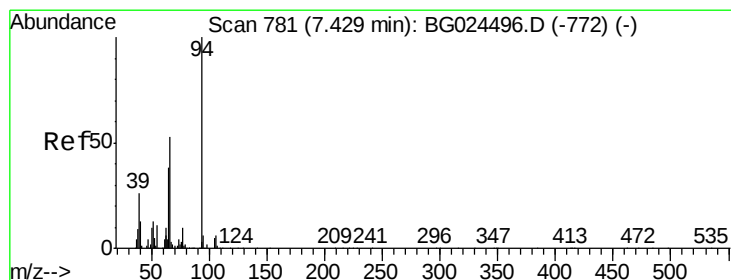
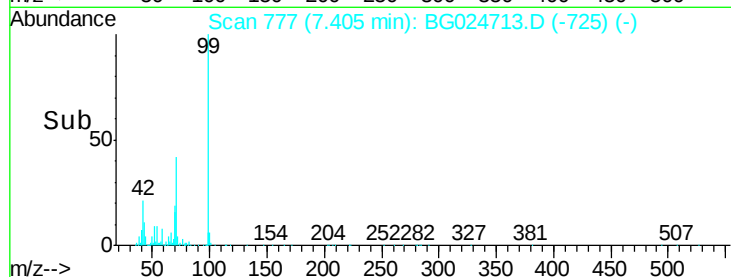
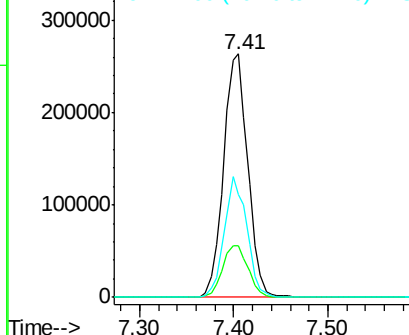
99 100

42 21.1 20.5 30.7

71 42.4 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



#10

Phenol

Concen: 2.22 ng

RT: 7.43 min Scan# 782

Delta R.T. 0.00 min

Lab File: BG024713.D

Acq: 5 Nov 2016 15:16

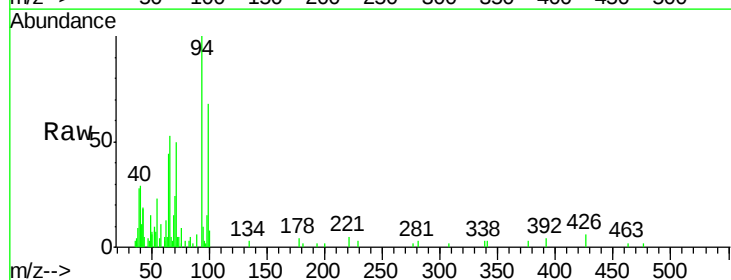
Tgt Ion: 94 Resp: 17950

Ion Ratio Lower Upper

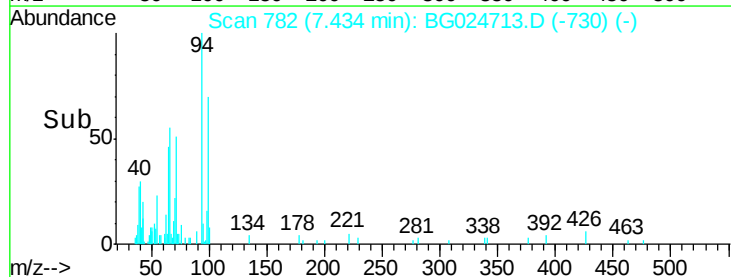
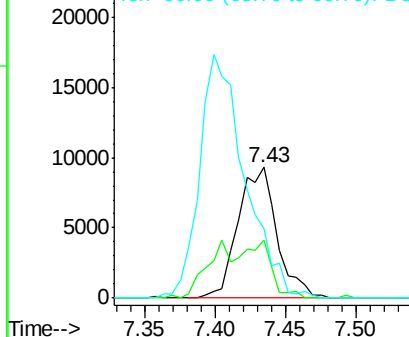
94 100

65 44.2 20.6 60.6

66 53.3 35.5 75.5



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

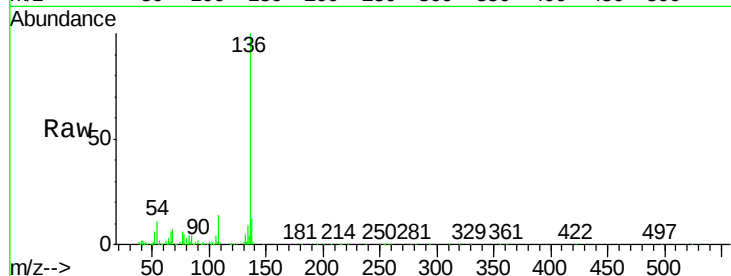




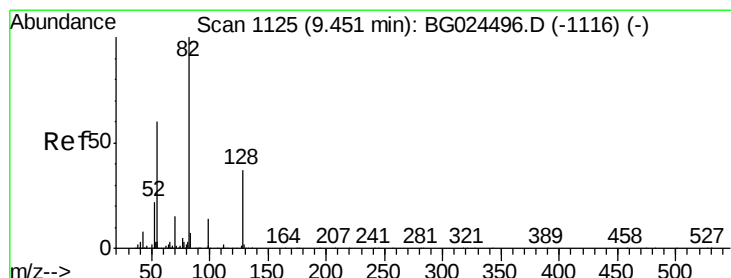
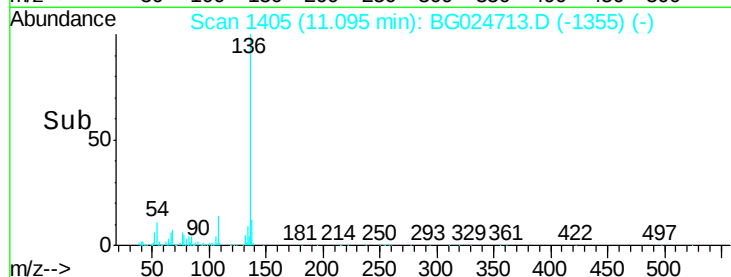
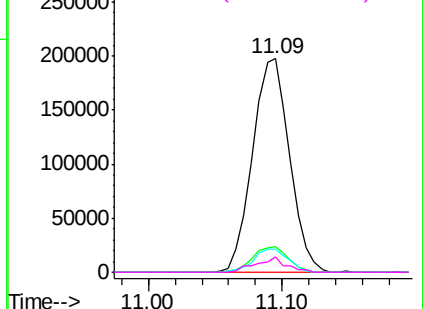
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG024713.D
Acq: 5 Nov 2016 15:16

Instrument :
BNA_G
ClientSampleId :
GW-101-10.4-22.0

Tgt Ion:	136	Resp:	376886
Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.9	13.3
54	10.9	9.3	13.9
68	7.0	5.1	7.7

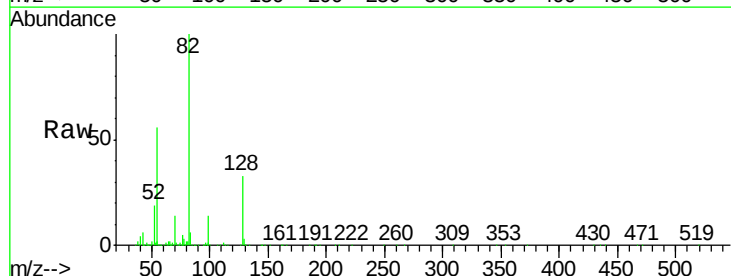


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

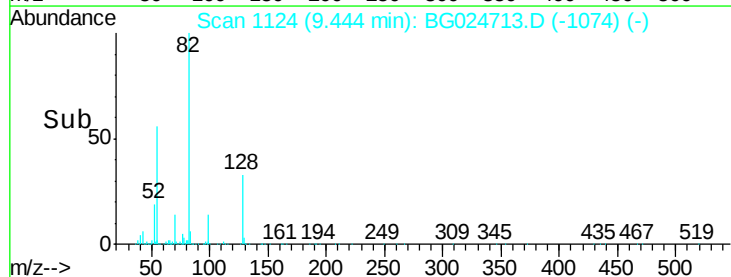
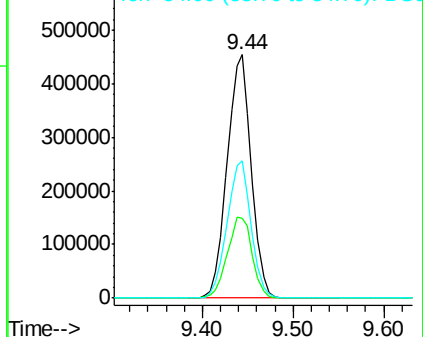


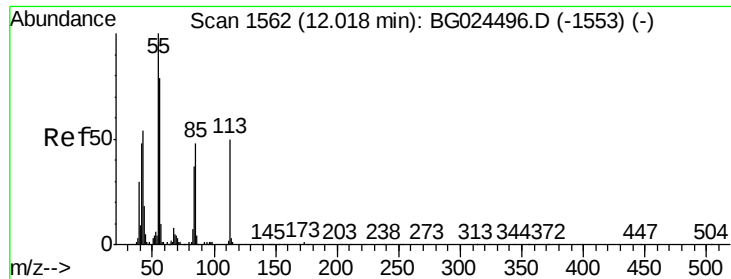
#23
Nitrobenzene-d5
Concen: 100.74 ng
RT: 9.44 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BG024713.D
Acq: 5 Nov 2016 15:16

Tgt Ion:	82	Resp:	833881
Ion	Ratio	Lower	Upper
82	100		
128	32.9	26.4	39.6
54	56.4	49.4	74.2



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





#35

Caprolactam

Concen: 26.24 ng

RT: 11.99 min Scan# 1558

Delta R.T. -0.02 min

Lab File: BG024713.D

Acq: 5 Nov 2016 15:16

Instrument :

BNA_G

ClientSampleId :

GW-101-10.4-22.0

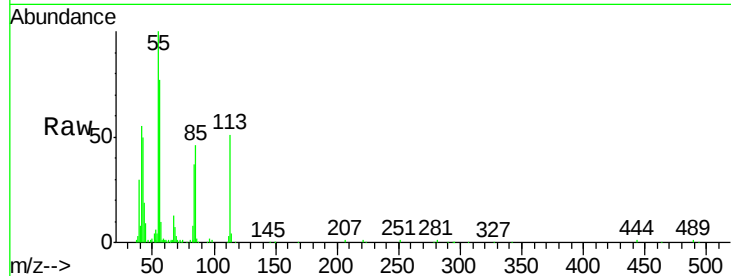
Tgt Ion:113 Resp: 60331

Ion Ratio Lower Upper

113 100

55 196.0 198.6 238.6#

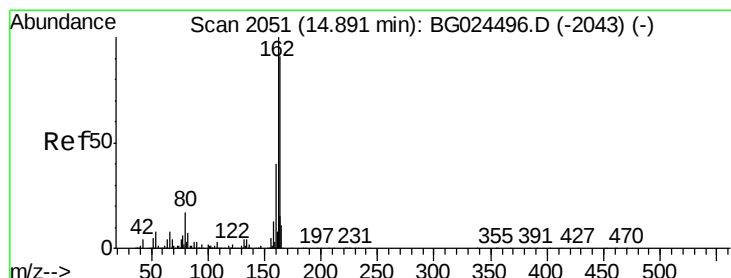
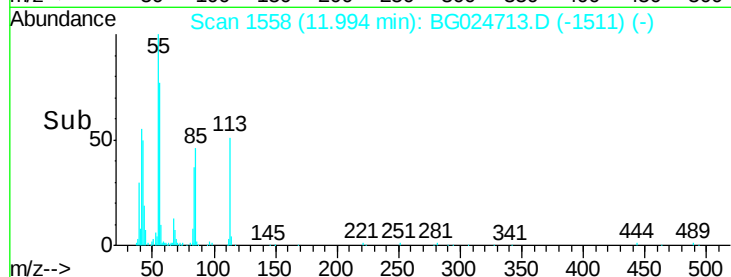
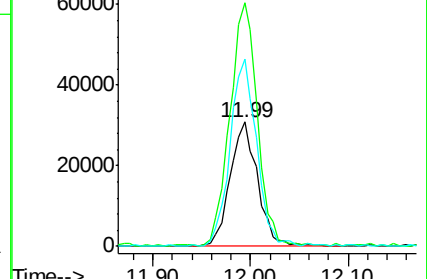
56 150.6 140.4 180.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.88 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BG024713.D

Acq: 5 Nov 2016 15:16

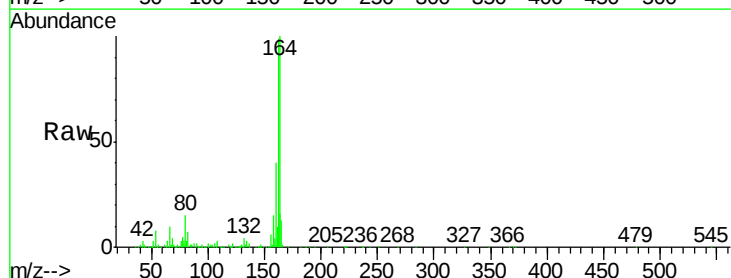
Tgt Ion:164 Resp: 294561

Ion Ratio Lower Upper

164 100

162 98.7 85.1 127.7

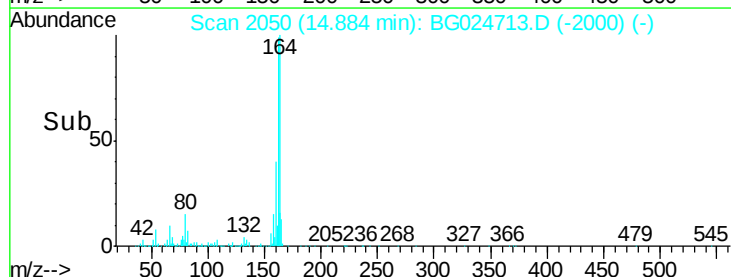
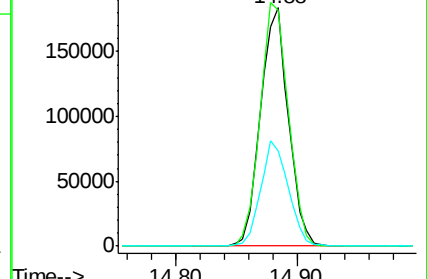
160 39.8 34.7 52.1

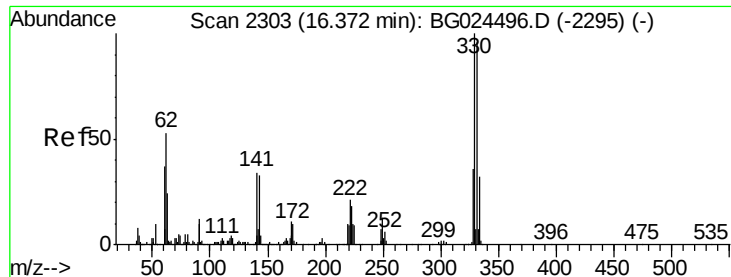


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

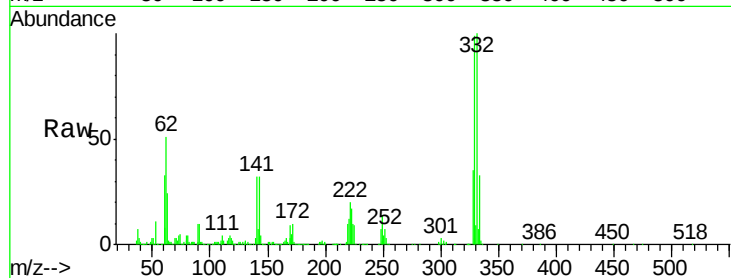




#41
2,4,6-Tribromophenol
Concen: 157.27 ng
RT: 16.37 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG024713.D
Acq: 5 Nov 2016 15:16

Instrument :
BNA_G
ClientSampleId :
GW-101-10.4-22.0

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.3	115.9
141	33.1	32.1	48.1

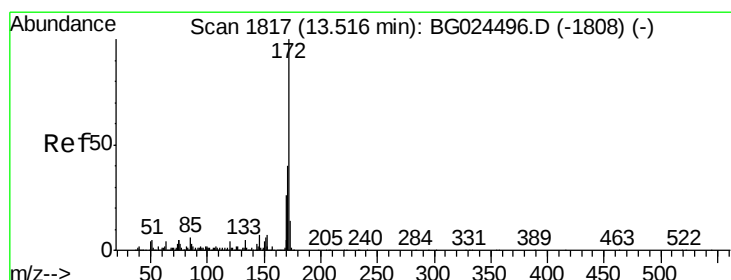
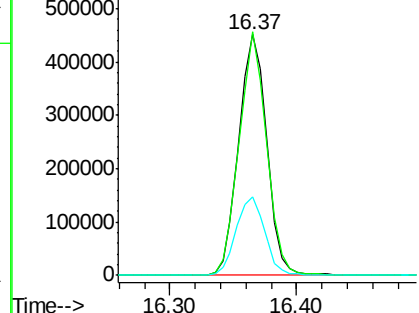
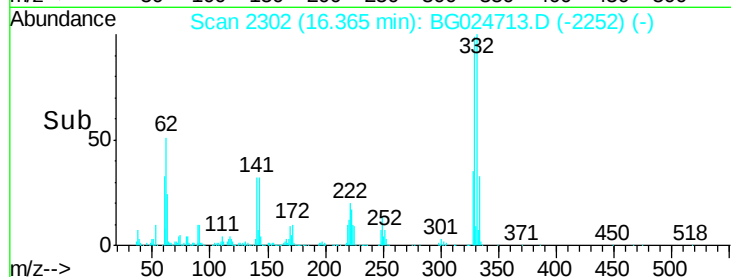


Abundance

Ion 329.80 (329.50 to 330.50): E

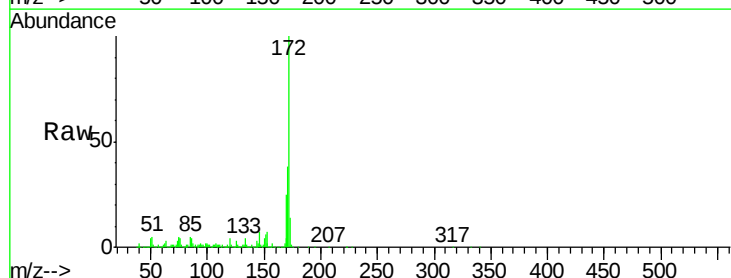
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
2-Fluorobiphenyl
Concen: 96.34 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG024713.D
Acq: 5 Nov 2016 15:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	32.2	48.2
170	25.1	21.8	32.6

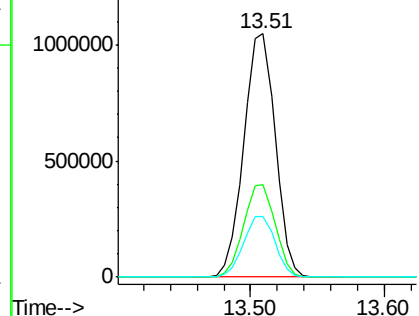
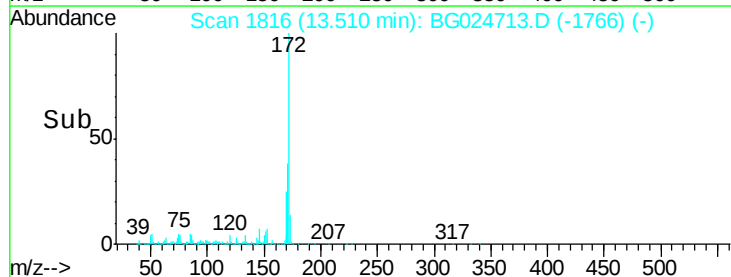


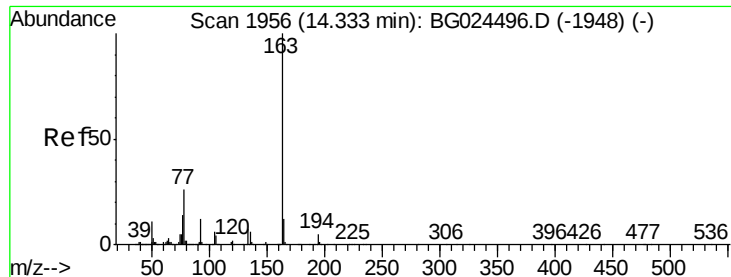
Abundance

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





#49

Dimethylphthalate

Concen: 11.05 ng

RT: 14.32 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BG024713.D

Acq: 5 Nov 2016 15:16

Instrument :

BNA_G

ClientSampleId :

GW-101-10.4-22.0

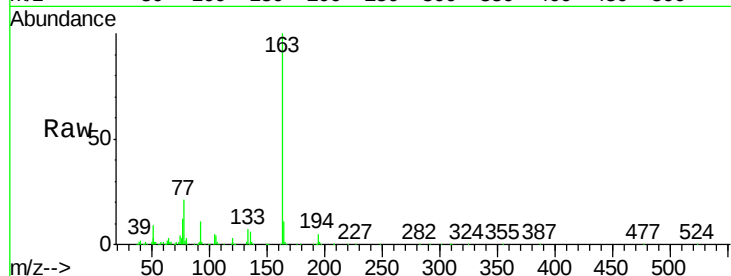
Tgt Ion:163 Resp: 231100

Ion Ratio Lower Upper

163 100

194 4.9 3.8 5.6

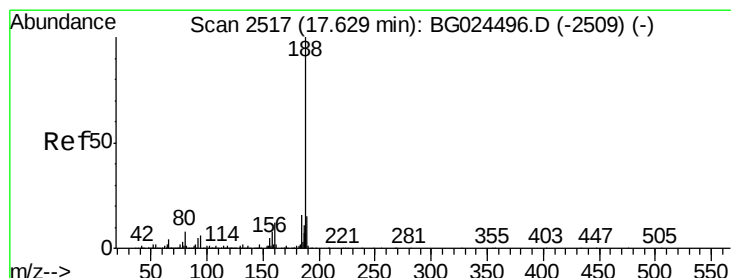
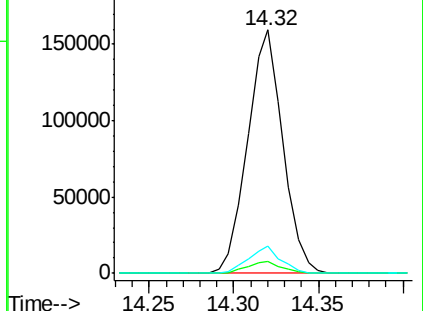
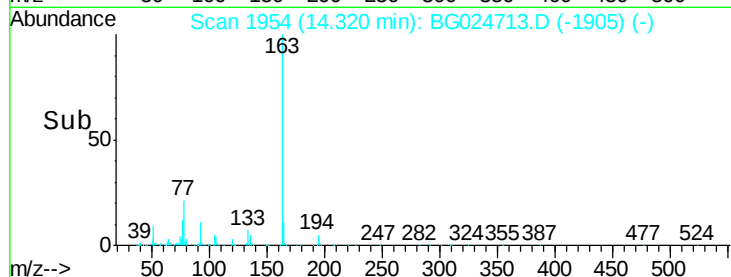
164 11.4 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.62 min Scan# 2516

Delta R.T. -0.01 min

Lab File: BG024713.D

Acq: 5 Nov 2016 15:16

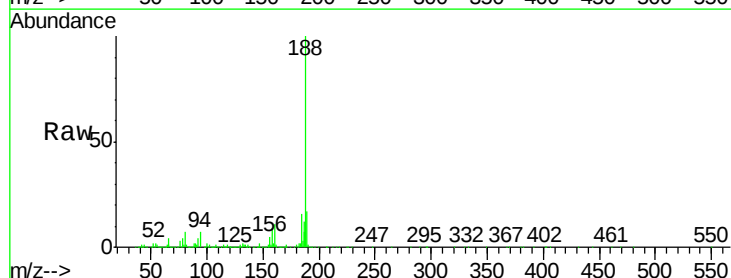
Tgt Ion:188 Resp: 701440

Ion Ratio Lower Upper

188 100

94 7.3 5.8 8.8

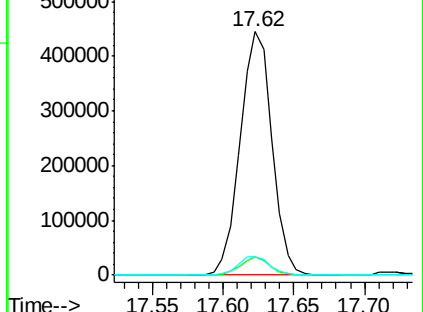
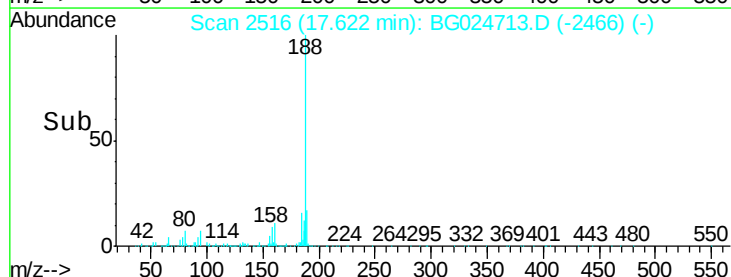
80 7.4 7.5 11.3#

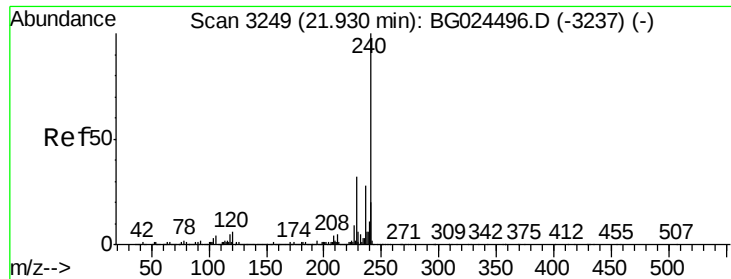


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

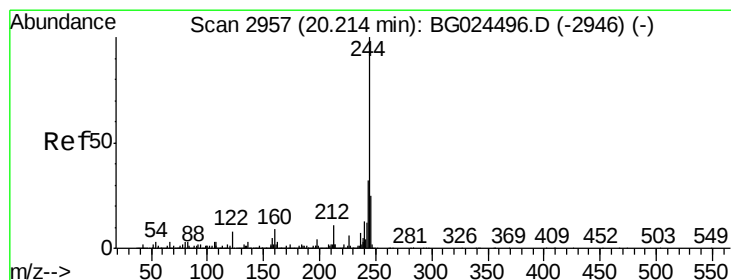
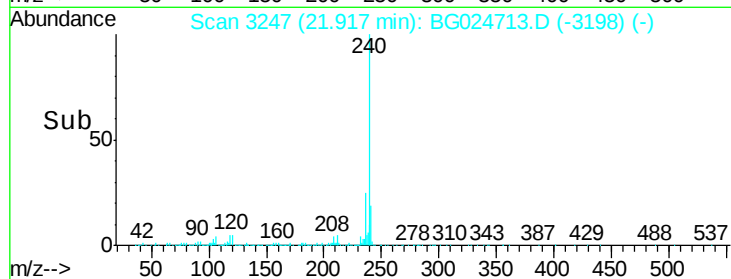
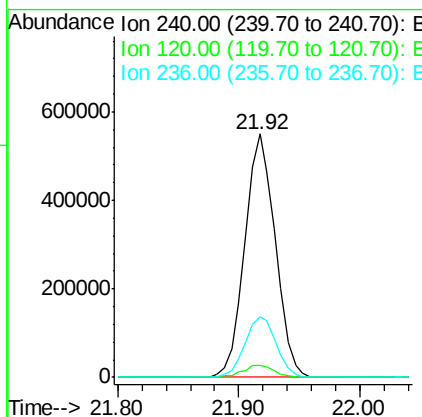
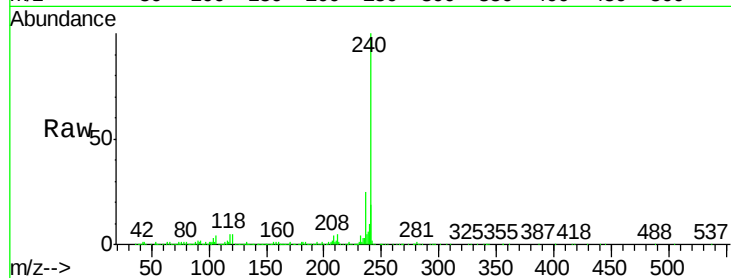




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3247
Delta R.T. -0.01 min
Lab File: BG024713.D
Acq: 5 Nov 2016 15:16

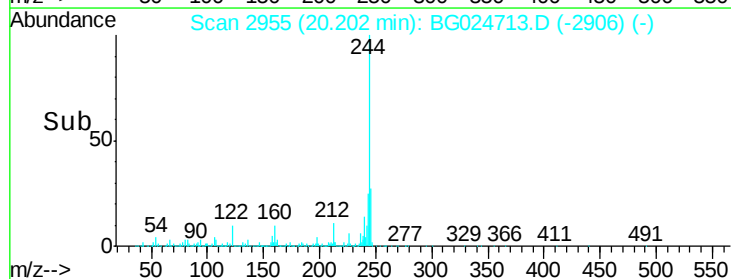
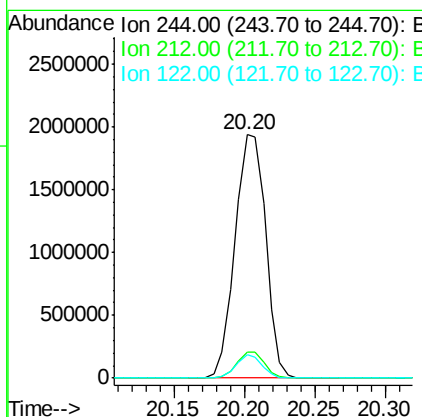
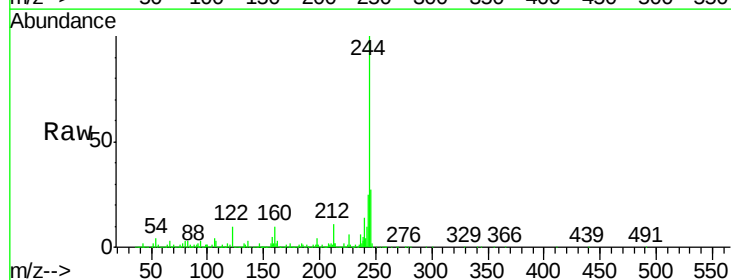
Instrument :
BNA_G
ClientSampleId :
GW-101-10.4-22.0

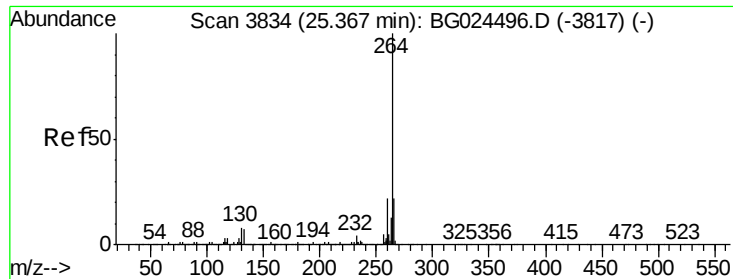
Tgt Ion:240 Resp: 966435
Ion Ratio Lower Upper
240 100
120 4.9 5.7 8.5#
236 25.0 22.2 33.4



#78
Terphenyl-d14
Concen: 90.78 ng
RT: 20.20 min Scan# 2955
Delta R.T. -0.01 min
Lab File: BG024713.D
Acq: 5 Nov 2016 15:16

Tgt Ion:244 Resp: 2936190
Ion Ratio Lower Upper
244 100
212 10.7 10.0 15.0
122 9.8 8.6 12.8

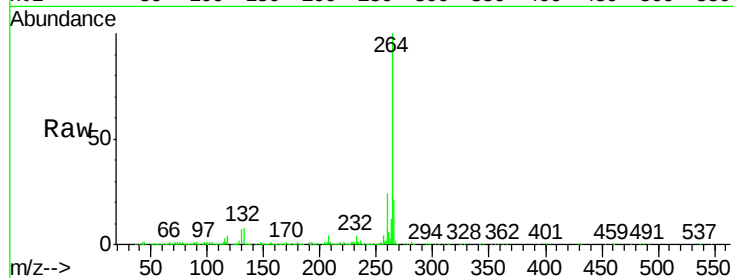




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.35 min Scan# 3831
Delta R.T. -0.02 min
Lab File: BG024713.D
Acq: 5 Nov 2016 15:16

Instrument :
BNA_G
ClientSampleId :
GW-101-10.4-22.0

Tgt Ion:	264	Resp:	990431
Ion	Ratio	Lower	Upper
264	100		
260	23.6	21.8	32.8
265	21.2	18.2	27.4



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

