

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110416\
 Data File : BG024712.D
 Acq On : 5 Nov 2016 14:38
 Operator : UM/SJ
 Sample : H5527-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-99-7.95-15.0

Quant Time: Nov 07 00:20:02 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

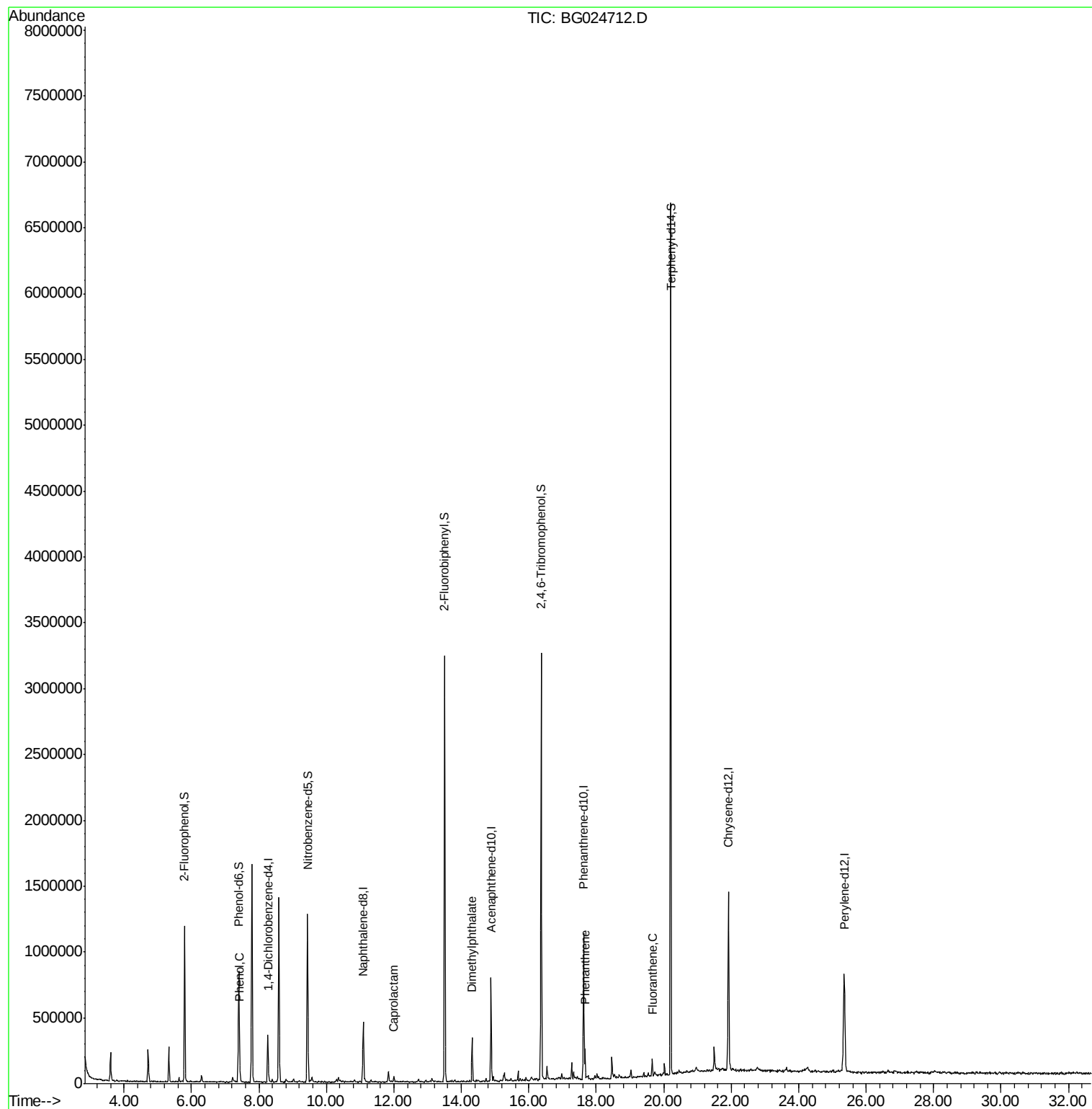
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	93699	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	381964	20.00	ng	-0.01
38) Acenaphthene-d10	14.88	164	295169	20.00	ng	-0.01
63) Phenanthrene-d10	17.62	188	691873	20.00	ng	0.00
75) Chrysene-d12	21.92	240	933299	20.00	ng	-0.01
86) Perylene-d12	25.34	264	936720	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	476891	83.42	ng	0.00
7) Phenol-d6	7.40	99	479090	61.09	ng	0.00
23) Nitrobenzene-d5	9.44	82	780725	93.06	ng	-0.01
41) 2,4,6-Tribromophenol	16.37	330	660739	149.84	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1626812	91.61	ng	-0.01
78) Terphenyl-d14	20.20	244	2755106	88.21	ng	-0.01
Target Compounds						
10) Phenol	7.43	94	73482	9.09	ng	Qvalue 96
35) Caprolactam	12.00	113	7442	3.19	ng	# 64
49) Dimethylphthalate	14.32	163	214880	10.25	ng	97
70) Phenanthrene	17.67	178	146785	4.16	ng	94
74) Fluoranthene	19.66	202	92132	2.07	ng	91

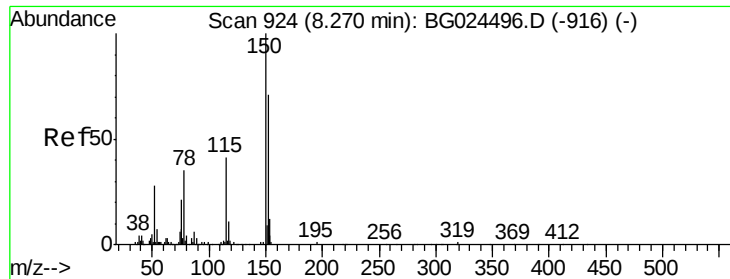
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 26 11:14:13 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.26 min Scan# 923

Delta R.T. -0.01 min

Lab File: BG024712.D

Acq: 5 Nov 2016 14:38

Instrument :

BNA_G

ClientSampleId :

GW-99-7.95-15.0

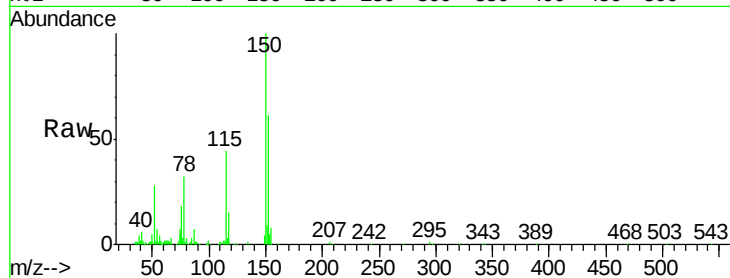
Tot Ion:152 Resp: 93699

Ion Ratio Lower Upper

152 100

150 163.7 114.0 171.0

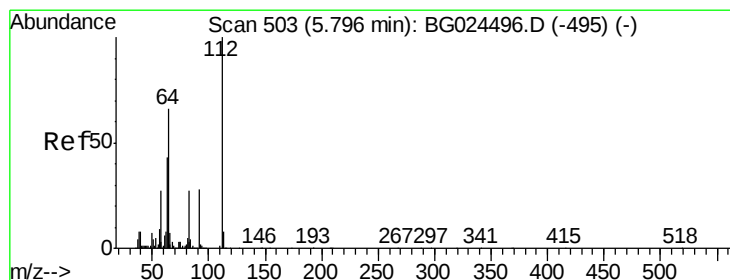
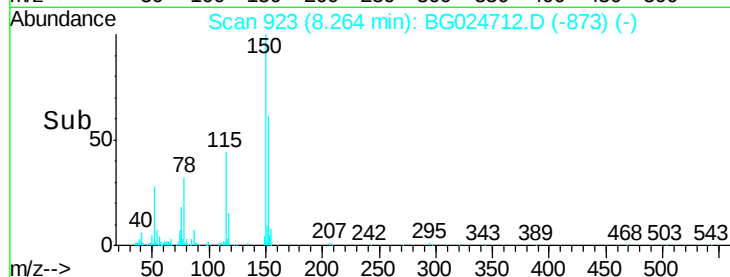
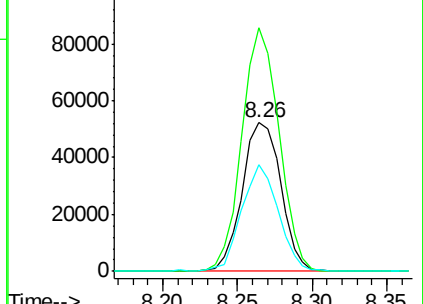
115 71.3 48.1 72.1



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: 83.42 ng

RT: 5.80 min Scan# 503

Delta R.T. 0.00 min

Lab File: BG024712.D

Acq: 5 Nov 2016 14:38

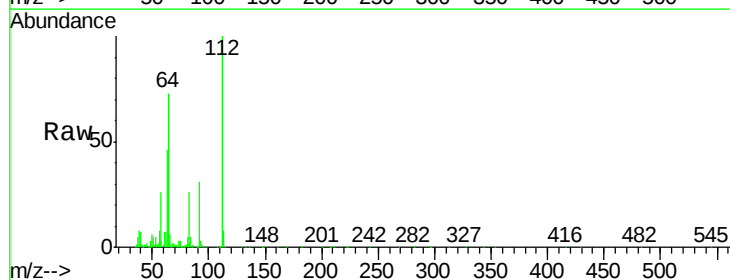
Tgt Ion:112 Resp: 476891

Ion Ratio Lower Upper

112 100

64 72.8 61.8 92.6

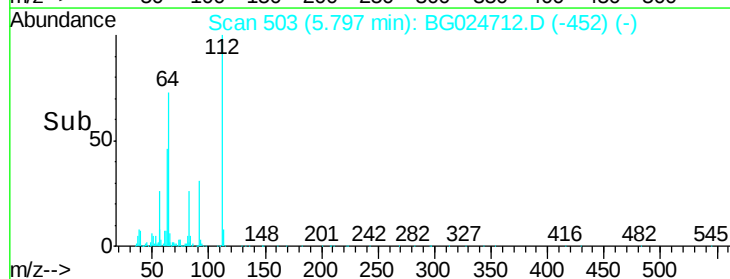
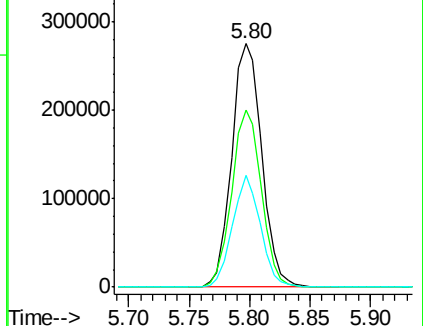
63 45.9 37.2 55.8



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: 61.09 ng

RT: 7.40 min Scan# 776

Delta R.T. 0.00 min

Lab File: BG024712.D

Acq: 5 Nov 2016 14:38

Instrument :

BNA_G

ClientSampleId :

GW-99-7.95-15.0

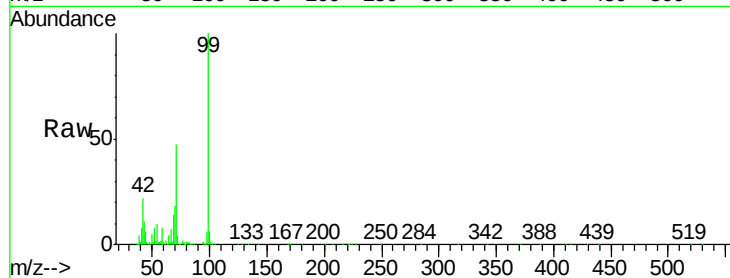
Tot Ion: 99 Resp: 479090

Ion Ratio Lower Upper

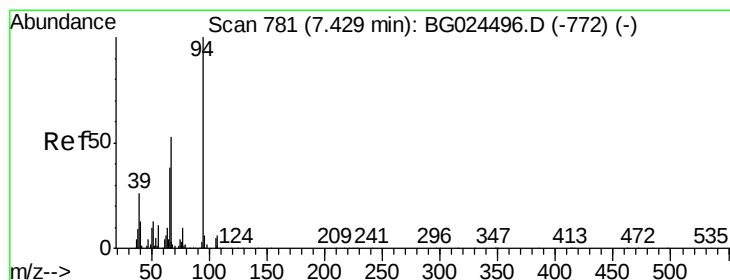
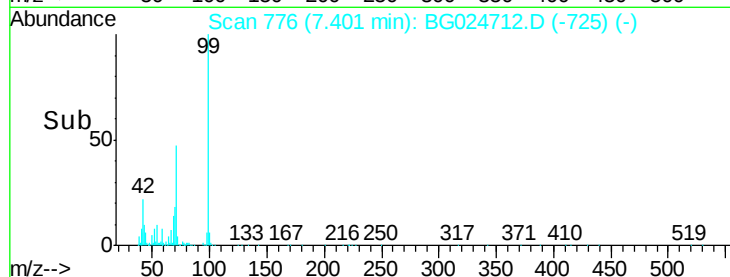
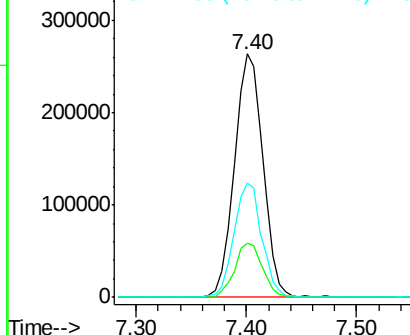
99 100

42 22.4 20.5 30.7

71 46.8 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: 9.09 ng

RT: 7.43 min Scan# 781

Delta R.T. 0.00 min

Lab File: BG024712.D

Acq: 5 Nov 2016 14:38

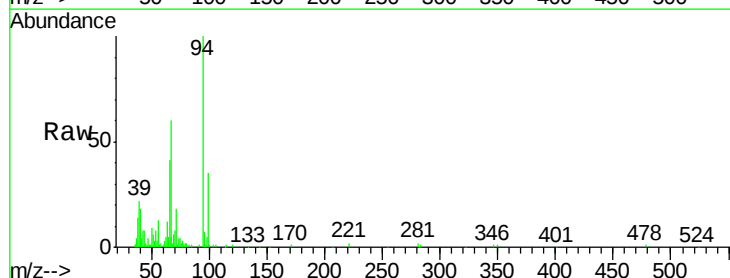
Tgt Ion: 94 Resp: 73482

Ion Ratio Lower Upper

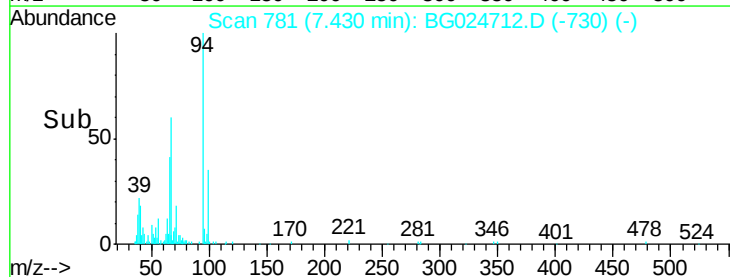
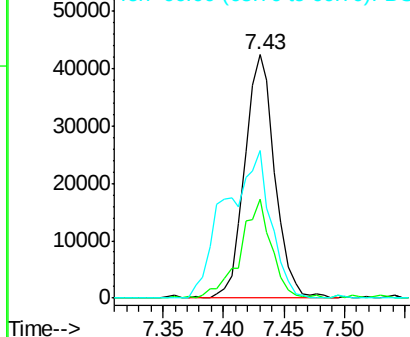
94 100

65 40.7 20.6 60.6

66 60.5 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# 1404

Delta R.T. -0.01 min

Lab File: BG024712.D

Acq: 5 Nov 2016 14:38

Instrument :

BNA_G

ClientSampleId :

GW-99-7.95-15.0

Tot Ion:136 Resp: 381964

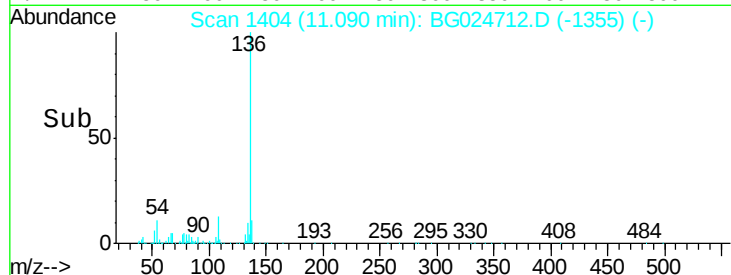
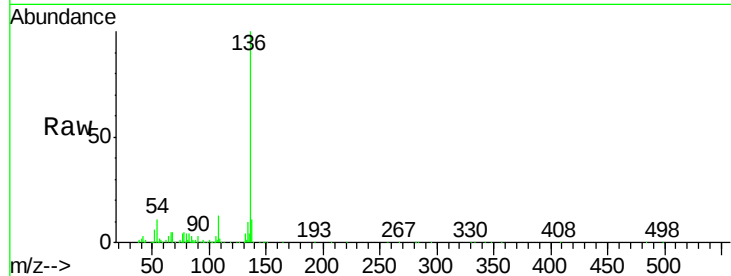
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 10.6 9.3 13.9

68 5.1 5.1 7.7#

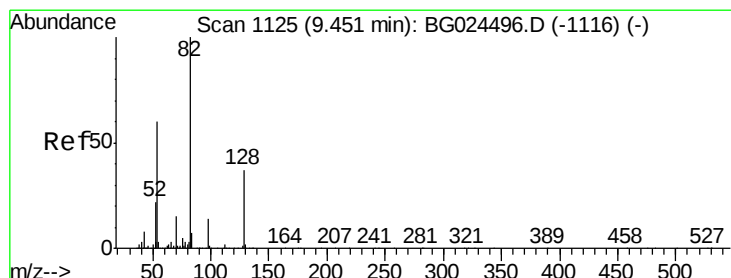
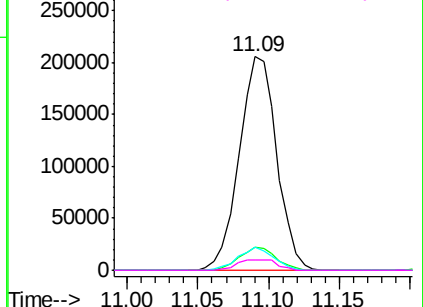


Abundance Ion 136.00 (135.70 to 136.70): E

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: 93.06 ng

RT: 9.44 min Scan# 1123

Delta R.T. -0.01 min

Lab File: BG024712.D

Acq: 5 Nov 2016 14:38

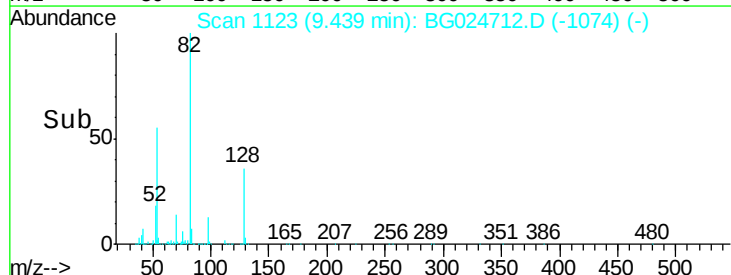
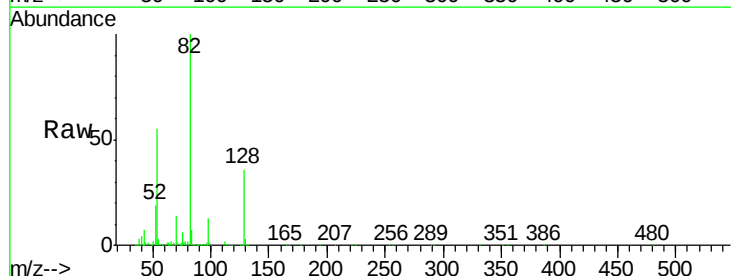
Tgt Ion: 82 Resp: 780725

Ion Ratio Lower Upper

82 100

128 35.8 26.4 39.6

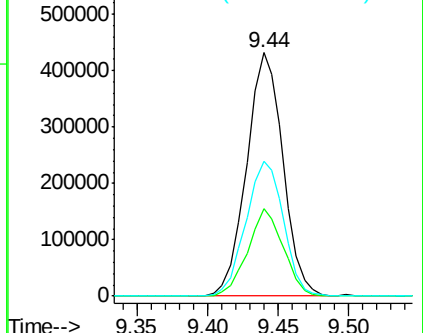
54 55.3 49.4 74.2

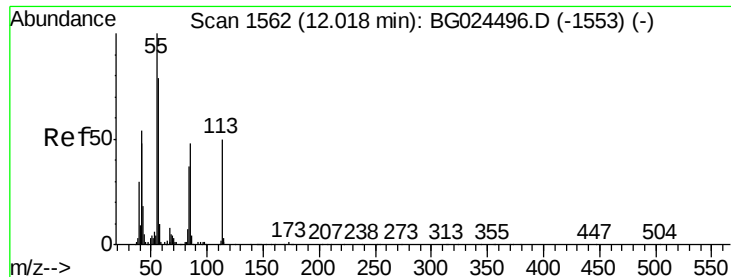


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#35

Caprolactam

Concen: 3.19 ng

RT: 12.00 min Scan# 1558

Delta R.T. -0.02 min

Lab File: BG024712.D

Acq: 5 Nov 2016 14:38

Instrument :

BNA_G

ClientSampleId :

GW-99-7.95-15.0

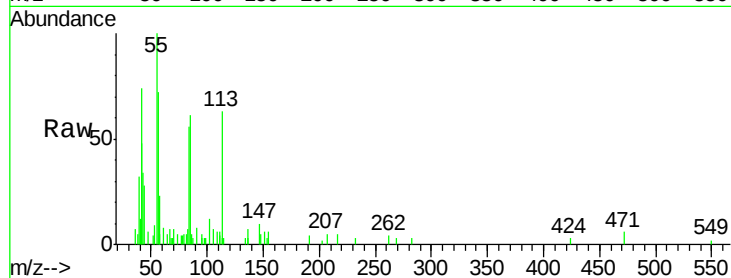
Tot Ion:113 Resp: 7442

Ion Ratio Lower Upper

113 100

55 159.2 198.6 238.6#

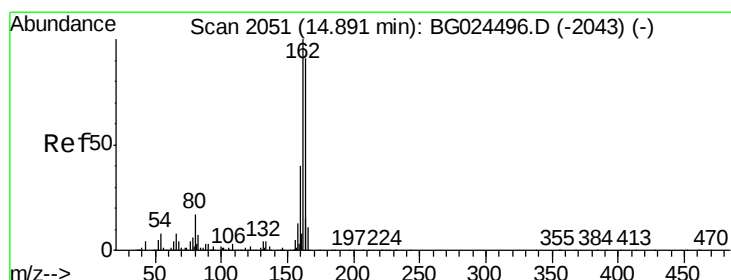
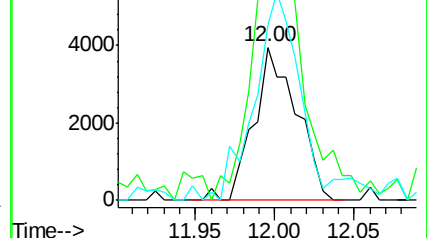
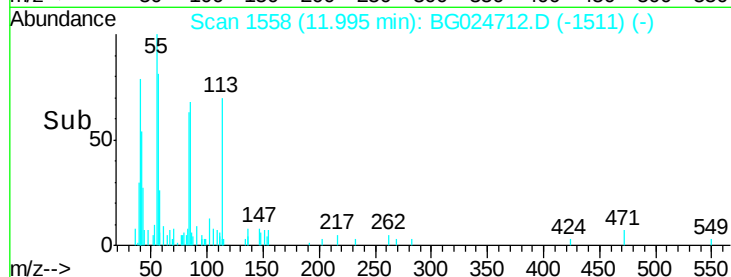
56 114.9 140.4 180.4#



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# 2049

Delta R.T. -0.01 min

Lab File: BG024712.D

Acq: 5 Nov 2016 14:38

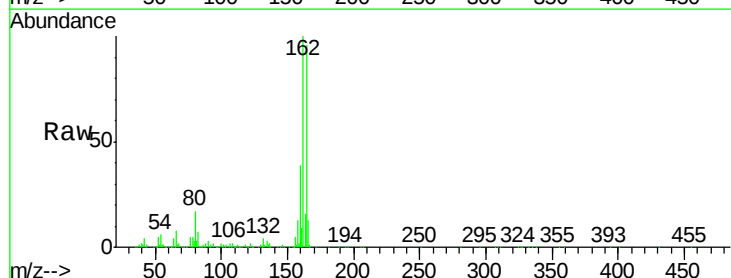
Tgt Ion:164 Resp: 295169

Ion Ratio Lower Upper

164 100

162 104.1 85.1 127.7

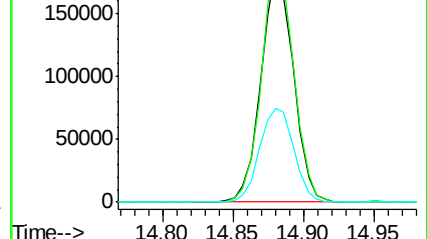
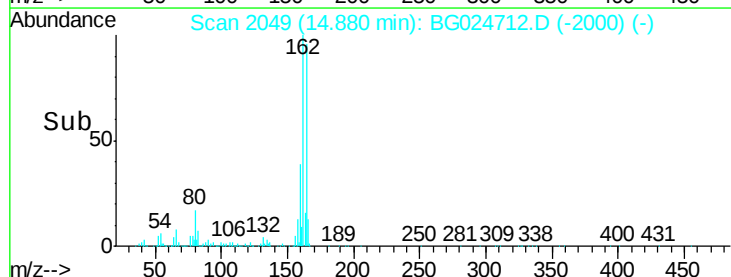
160 40.2 34.7 52.1

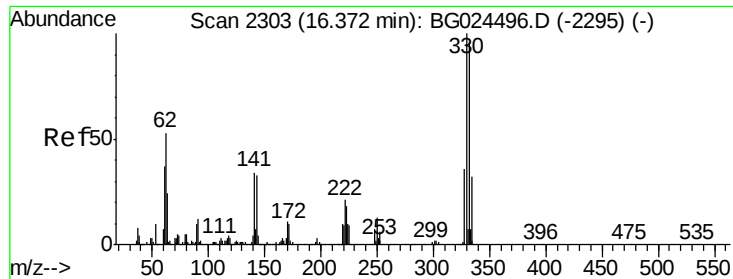


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

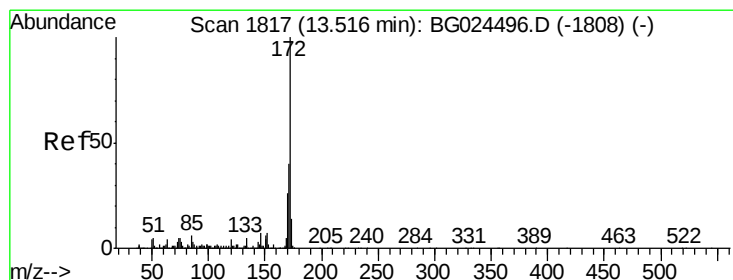
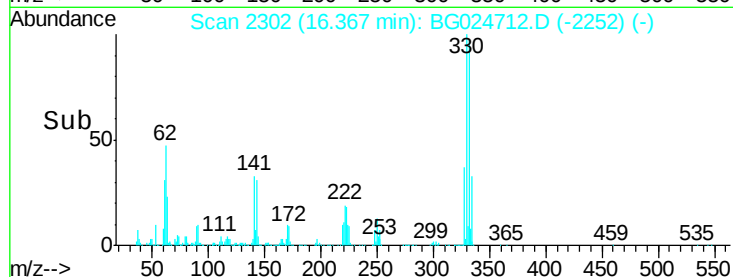
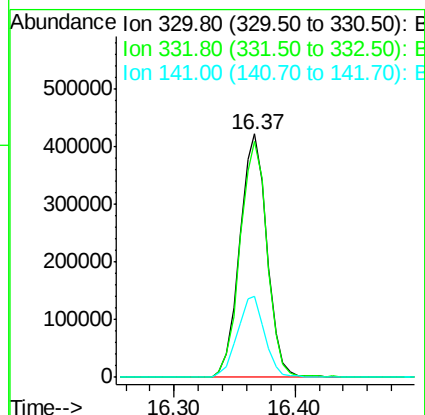
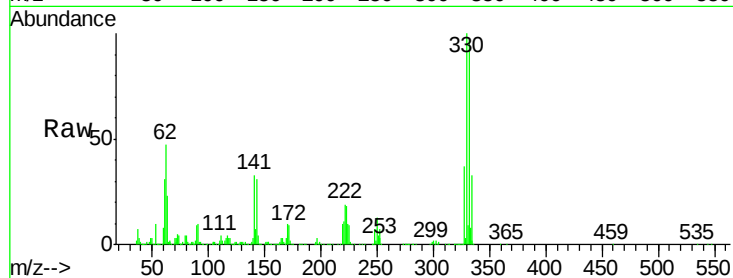




#41
 2,4,6-Tribromophenol
 Concen: 149.84 ng
 RT: 16.37 min Scan# 2302
 Delta R.T. -0.01 min
 Lab File: BG024712.D
 Acq: 5 Nov 2016 14:38

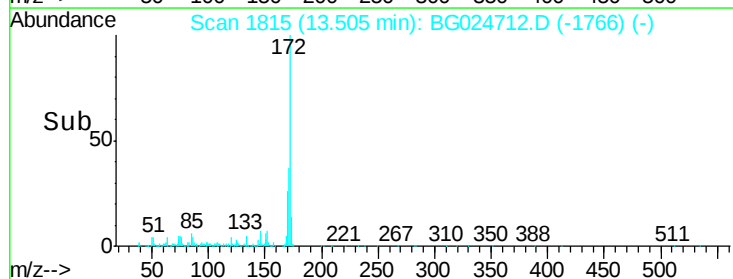
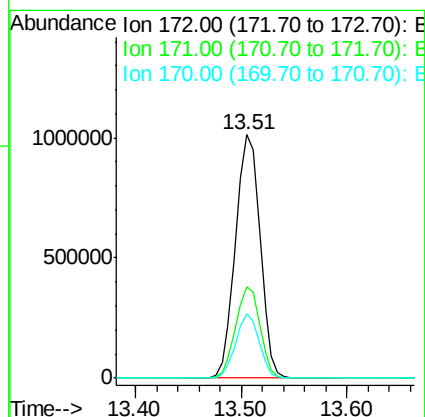
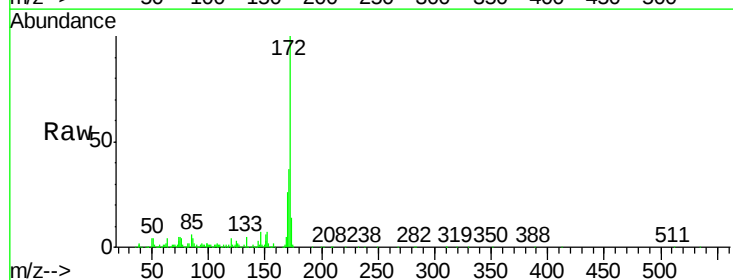
Instrument :
 BNA_G
 ClientSampleId :
 GW-99-7.95-15.0

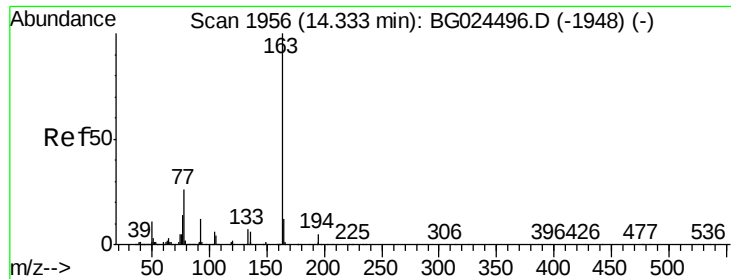
Tot Ion:330 Resp: 660739
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.3 115.9
 141 33.8 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 91.61 ng
 RT: 13.51 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BG024712.D
 Acq: 5 Nov 2016 14:38

Tgt Ion:172 Resp: 1626812
 Ion Ratio Lower Upper
 172 100
 171 37.4 32.2 48.2
 170 26.2 21.8 32.6





#49

Dimethylphthalate

Concen: 10.25 ng

RT: 14.32 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BG024712.D

Acq: 5 Nov 2016 14:38

Instrument :

BNA_G

ClientSampleId :

GW-99-7.95-15.0

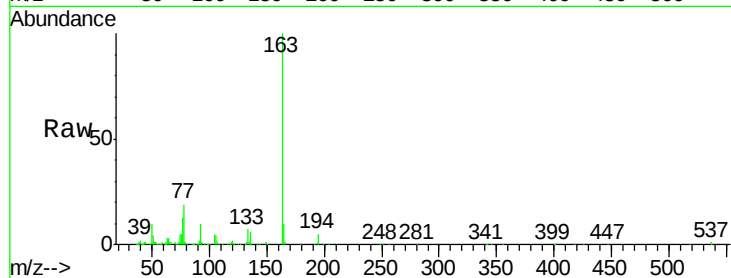
Tot Ion:163 Resp: 214880

Ion Ratio Lower Upper

163 100

194 4.6 3.8 5.6

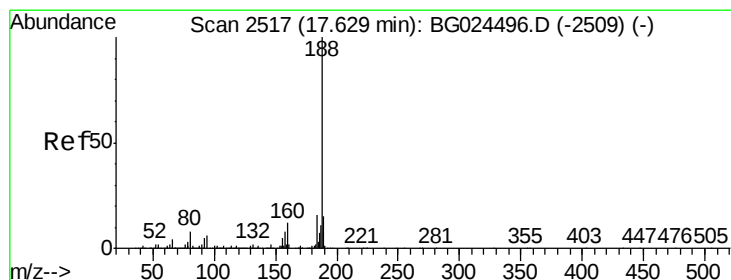
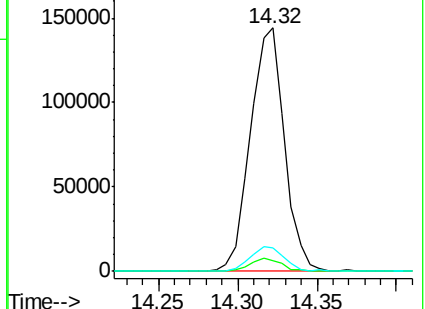
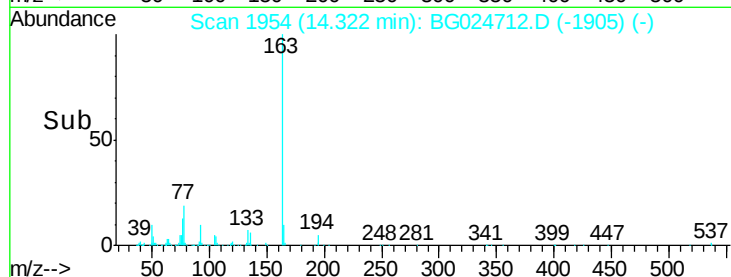
164 9.9 9.3 13.9



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: BG024712.D

Acq: 5 Nov 2016 14:38

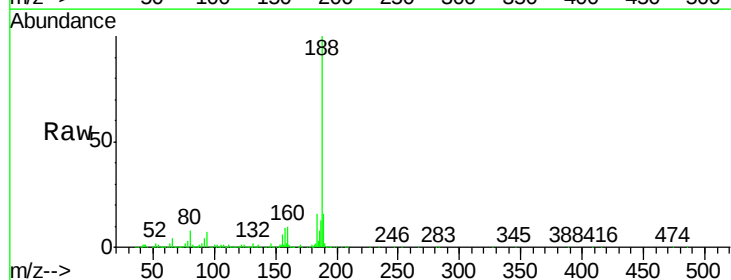
Tgt Ion:188 Resp: 691873

Ion Ratio Lower Upper

188 100

94 6.8 5.8 8.8

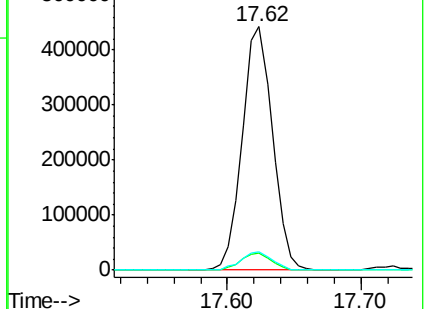
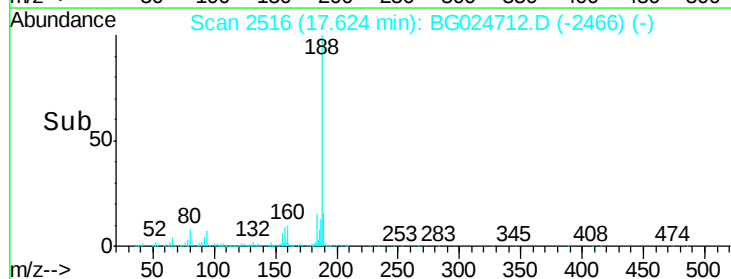
80 7.7 7.5 11.3

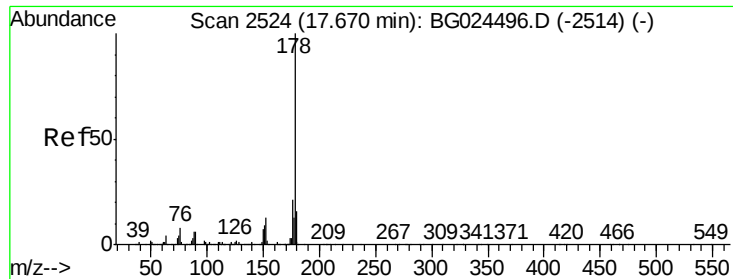


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#70

Phenanthrene

Concen: 4.16 ng

RT: 17.67 min Scan# 2523

Delta R.T. -0.01 min

Lab File: BG024712.D

Acq: 5 Nov 2016 14:38

Instrument :

BNA_G

ClientSampleId :

GW-99-7.95-15.0

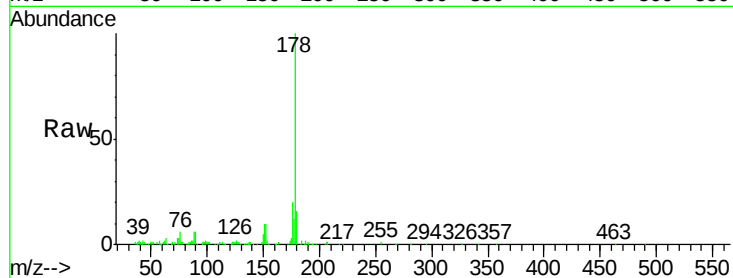
Tot Ion:178 Resp: 146785

Ion Ratio Lower Upper

178 100

176 19.6 17.7 26.5

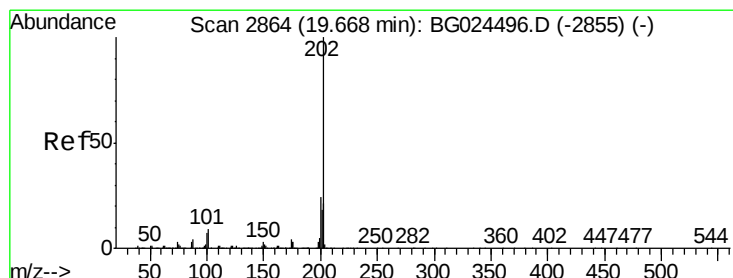
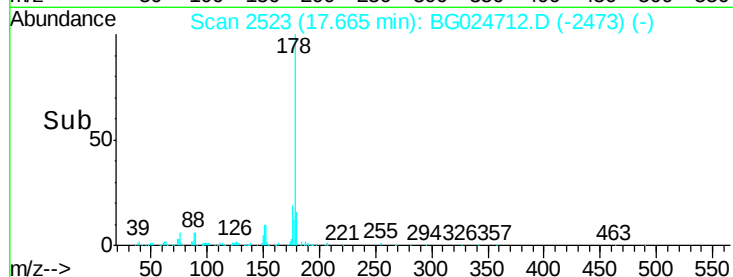
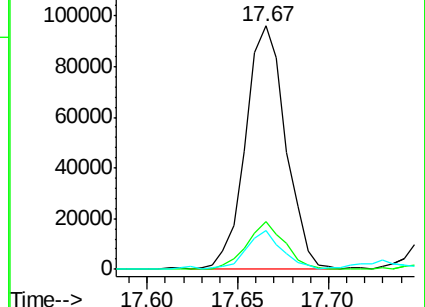
179 15.8 15.0 22.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 2.07 ng

RT: 19.66 min Scan# 2862

Delta R.T. -0.01 min

Lab File: BG024712.D

Acq: 5 Nov 2016 14:38

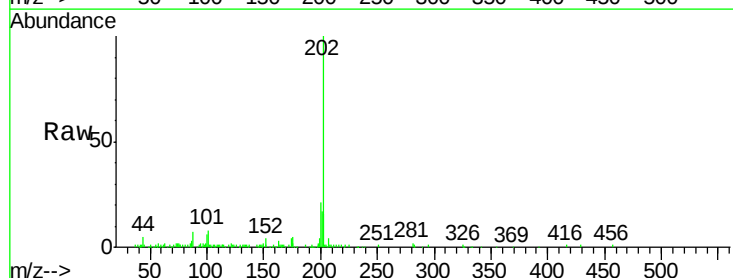
Tgt Ion:202 Resp: 92132

Ion Ratio Lower Upper

202 100

101 7.8 0.0 30.1

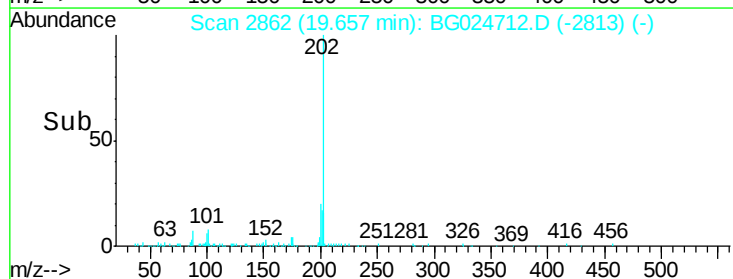
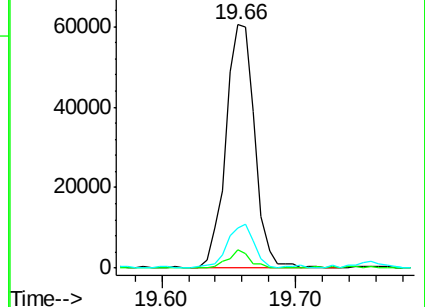
203 16.2 1.3 41.3

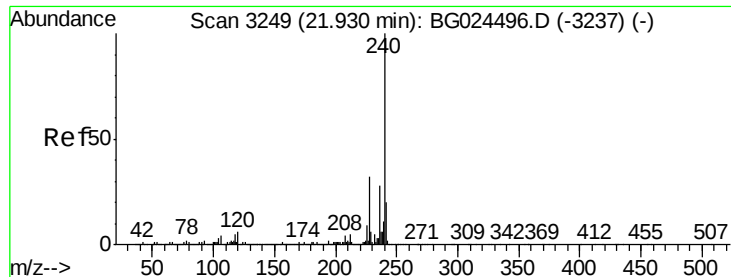


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

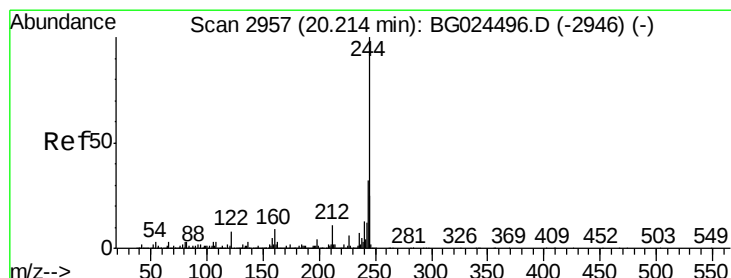
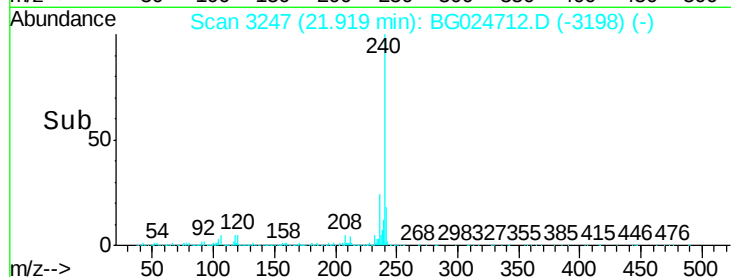
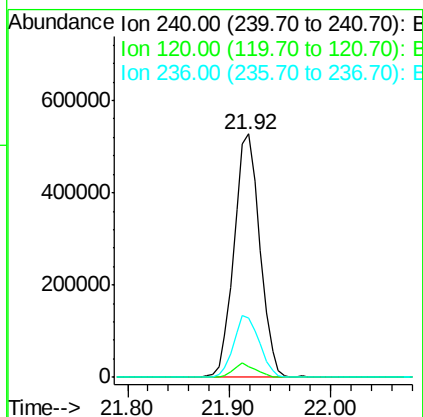
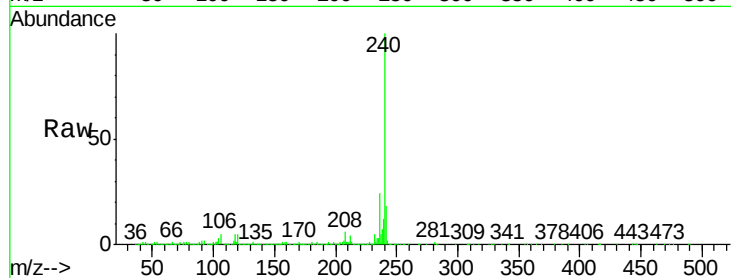




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 21.92 min Scan# 3247
 Delta R.T. -0.01 min
 Lab File: BG024712.D
 Acq: 5 Nov 2016 14:38

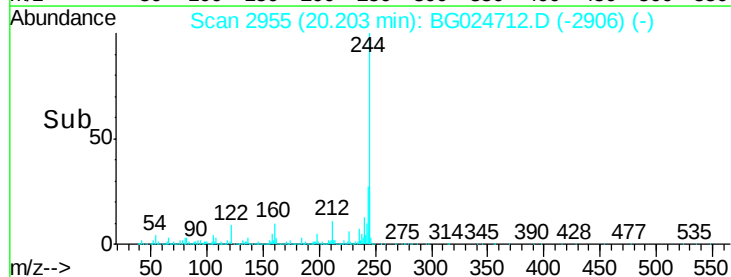
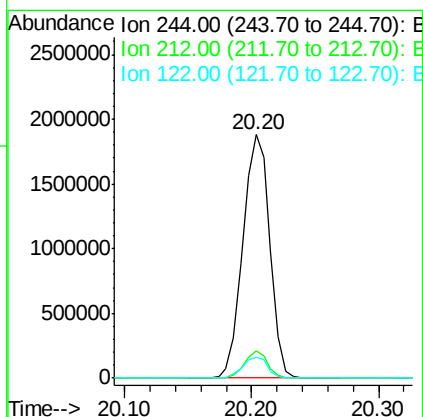
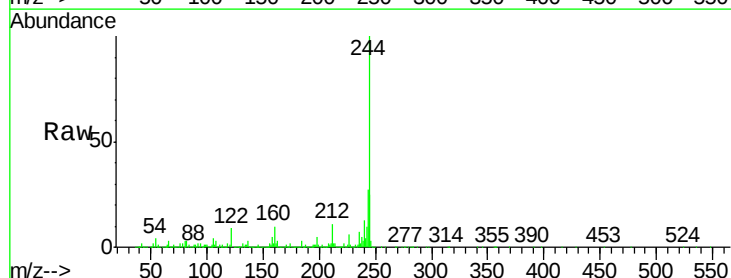
Instrument :
 BNA_G
 ClientSampleId :
 GW-99-7.95-15.0

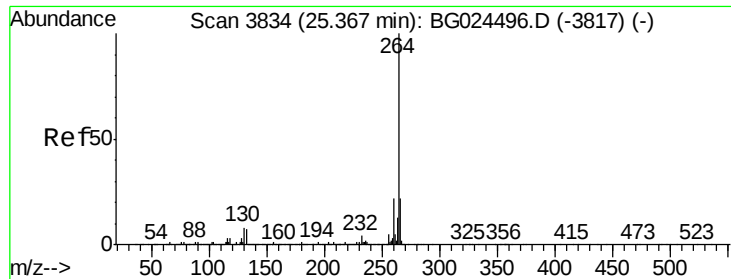
Tot Ion:240 Resp: 933299
 Ion Ratio Lower Upper
 240 100
 120 4.5 5.7 8.5#
 236 24.4 22.2 33.4



#78
 Terphenyl-d14
 Concen: 88.21 ng
 RT: 20.20 min Scan# 2955
 Delta R.T. -0.01 min
 Lab File: BG024712.D
 Acq: 5 Nov 2016 14:38

Tgt Ion:244 Resp: 2755106
 Ion Ratio Lower Upper
 244 100
 212 11.0 10.0 15.0
 122 8.8 8.6 12.8





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.34 min Scan# 3830
 Delta R.T. -0.02 min
 Lab File: BG024712.D
 Acq: 5 Nov 2016 14:38

Instrument :
 BNA_G
 ClientSampleId :
 GW-99-7.95-15.0

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	21.8	32.8
265	20.3	18.2	27.4

