

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 06 23:48:45 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

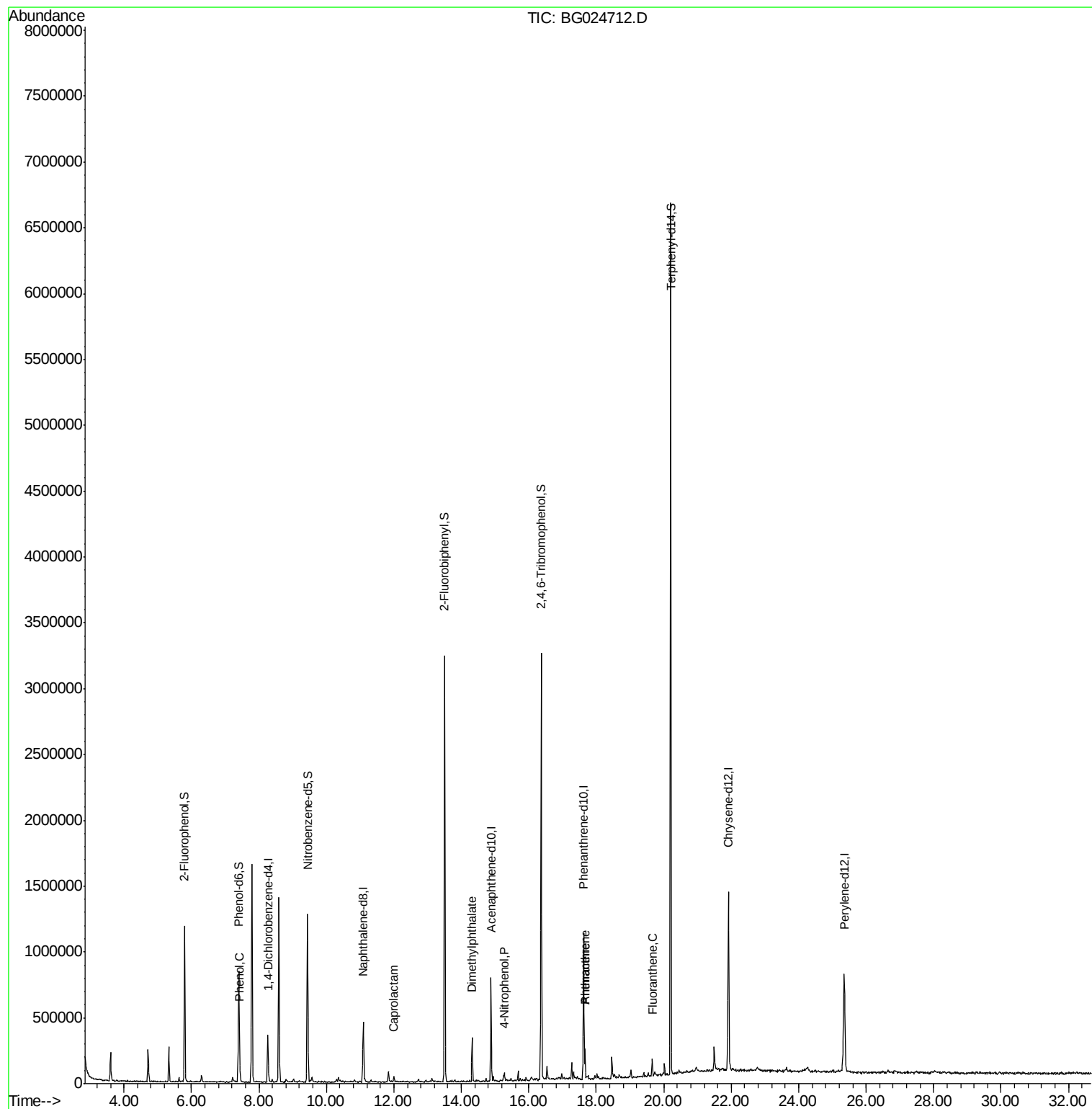
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	93699	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	381964	20.00	ng	-0.01
38) Acenaphthene-d10	14.88	164	295169	20.00	ng	-0.01
63) Phenanthrene-d10	17.62	188	691873	20.00	ng	0.00
75) Chrysene-d12	21.92	240	933299	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
55) 4-Nitrophenol	15.28	139	15214	3.77	ng	# 1
70) Phenanthrene	17.67	178	146785	4.16	ng	94
71) Anthracene	17.67	178	146785	4.13	ng	97
74) Fluoranthene	19.66	202	92132	2.07	ng	91

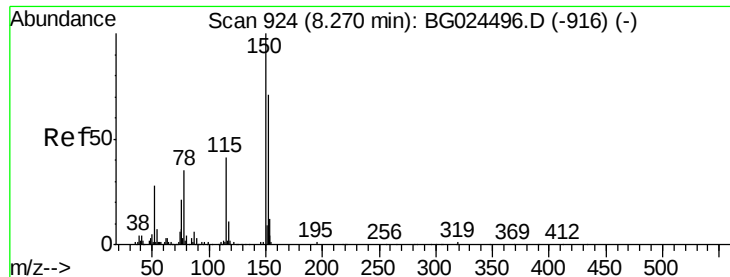
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#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

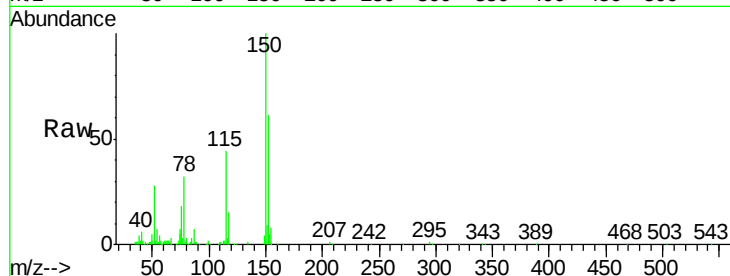
Tgt Ion:152 Resp: 93699

Ion Ratio Lower Upper

152 100

150 163.7 114.0 171.0

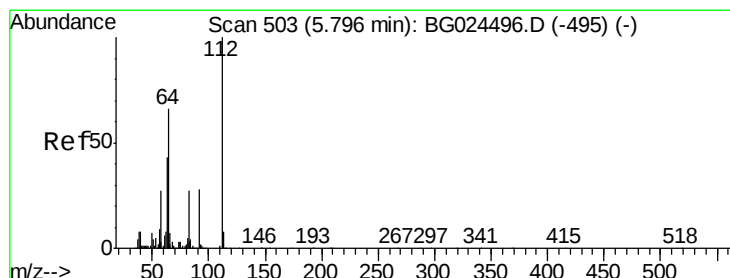
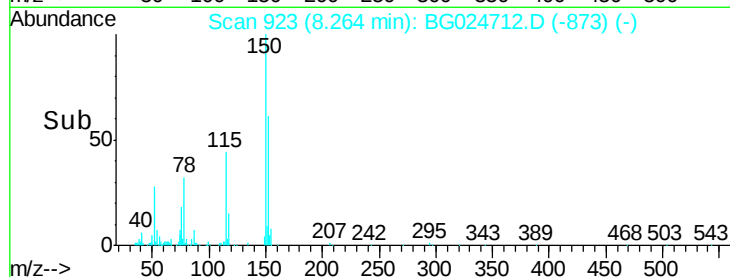
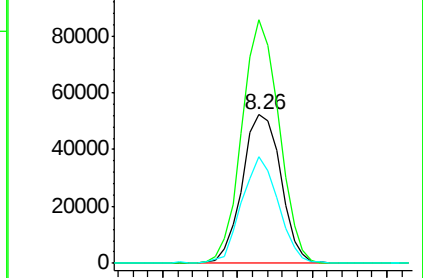
115 71.3 48.1 72.1



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

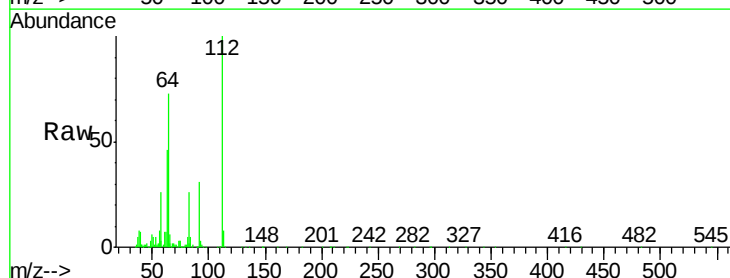
Tgt Ion:112 Resp: 476891

Ion Ratio Lower Upper

112 100

64 72.8 61.8 92.6

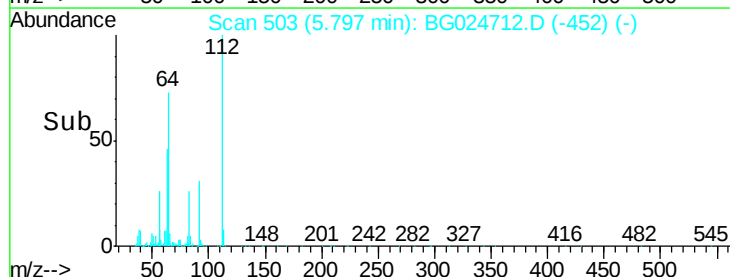
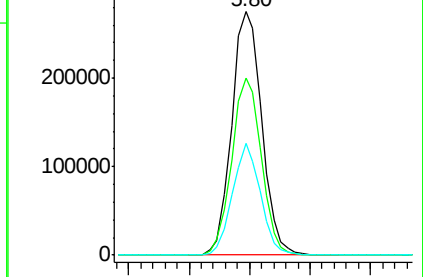
63 45.9 37.2 55.8

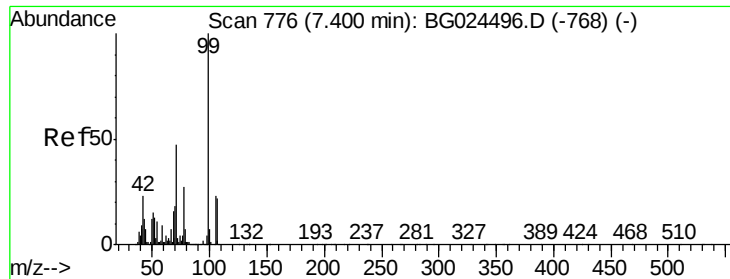


Abundance Ion 112.00 (111.70 to 112.70): E

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

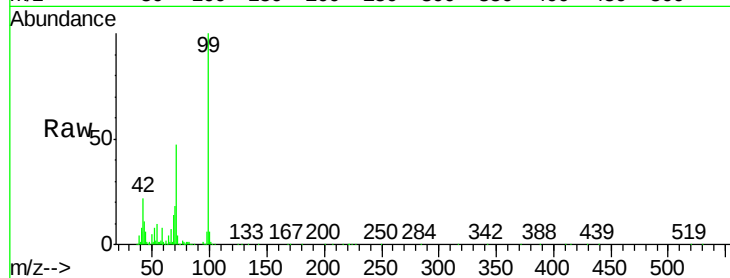
Tgt Ion: 99 Resp: 479090

Ion Ratio Lower Upper

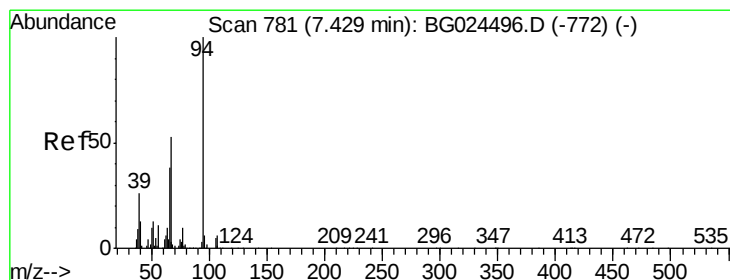
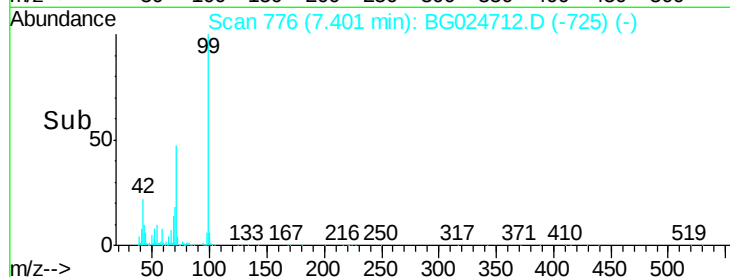
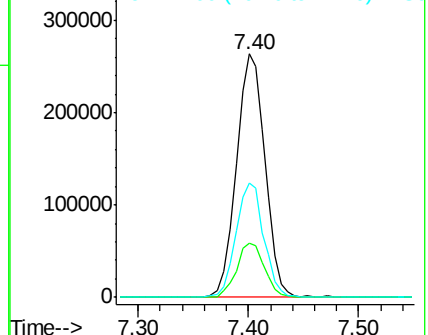
99 100

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

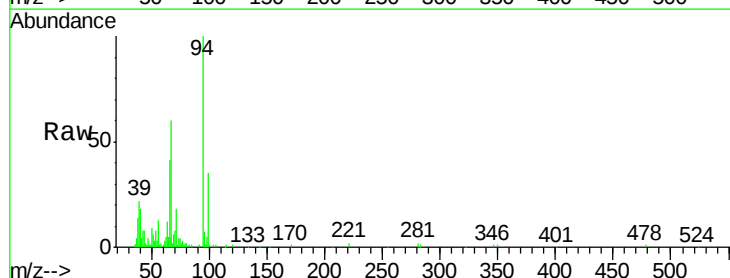
Tgt Ion: 94 Resp: 73482

Ion Ratio Lower Upper

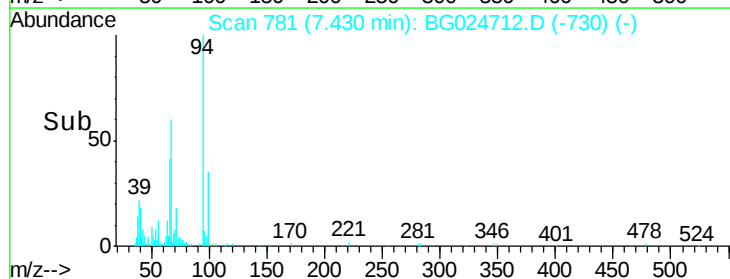
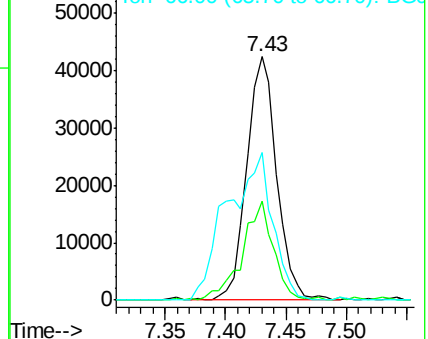
94 100

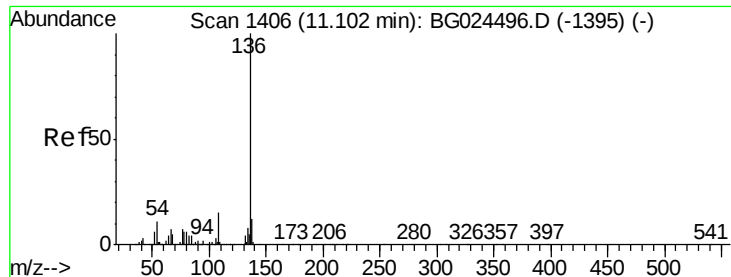
65 40.7 20.6 60.6

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

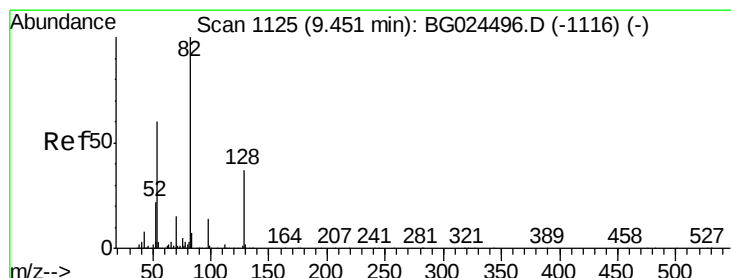
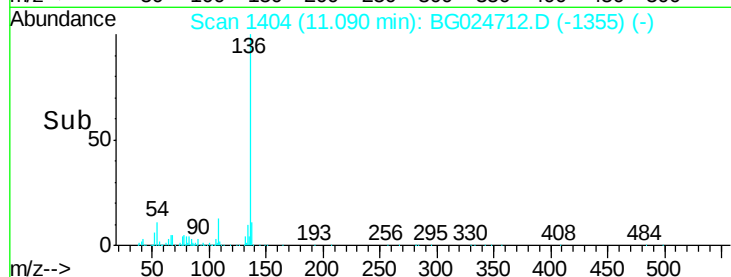
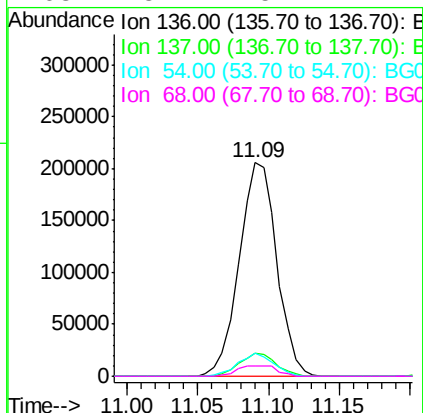
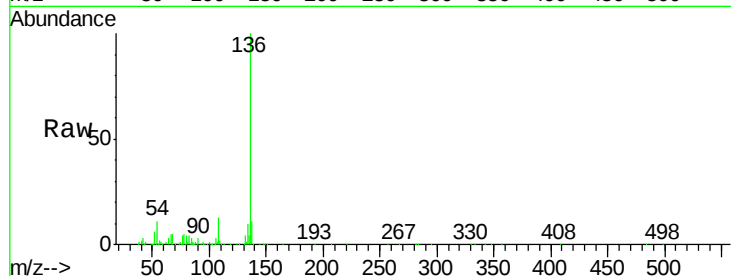




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BG024712.D
Acq: 5 Nov 2016 14:38

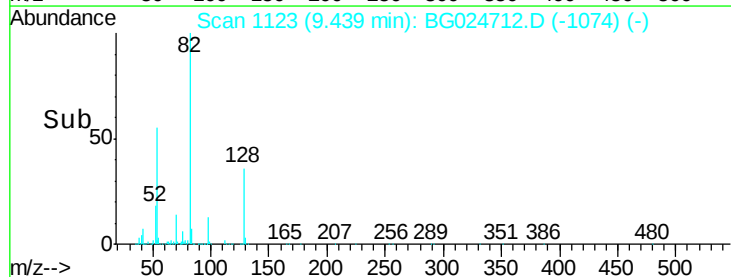
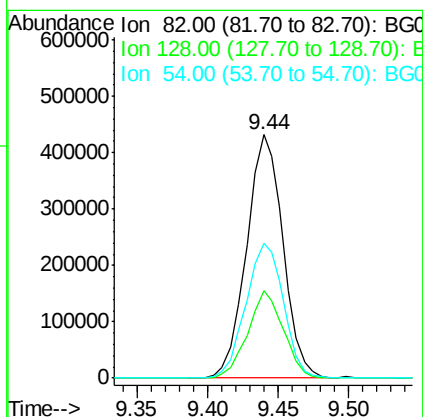
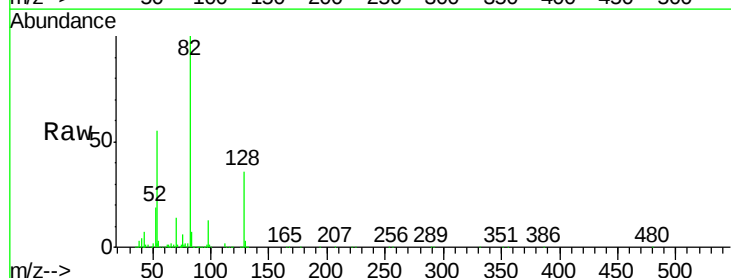
Instrument :
BNA_G
ClientSampleId :
GW-99-7.95-15.0

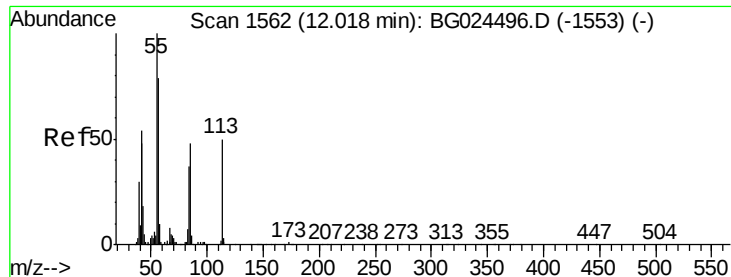
Tgt Ion:	136	Resp:	381964
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	10.6	9.3	13.9
68	5.1	5.1	7.7#



#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





#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

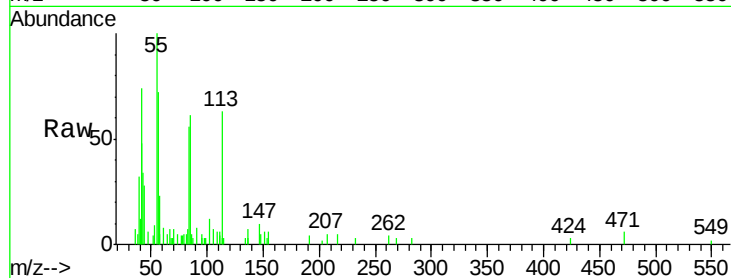
Tgt Ion:113 Resp: 7442

Ion Ratio Lower Upper

113 100

55 159.2 198.6 238.6#

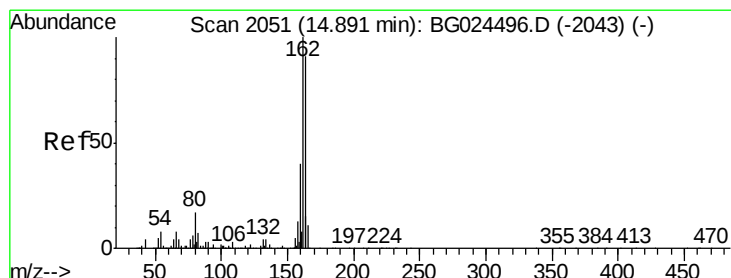
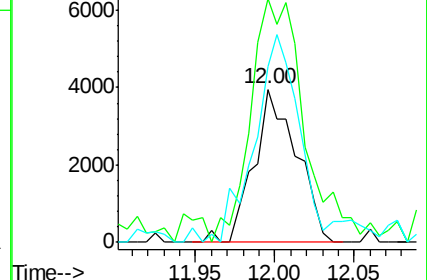
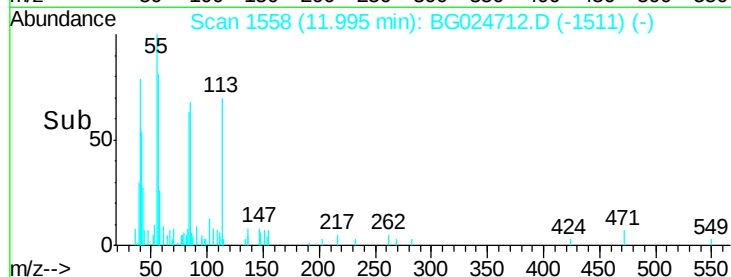
56 114.9 140.4 180.4#



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

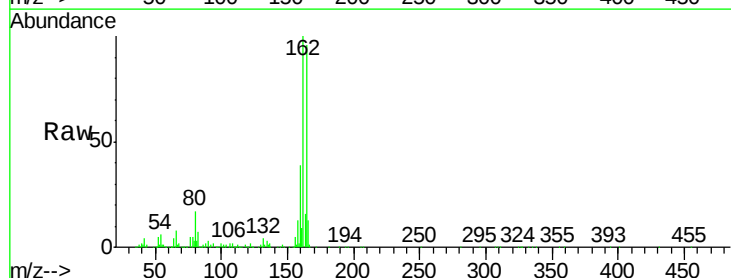
Tgt Ion:164 Resp: 295169

Ion Ratio Lower Upper

164 100

162 104.1 85.1 127.7

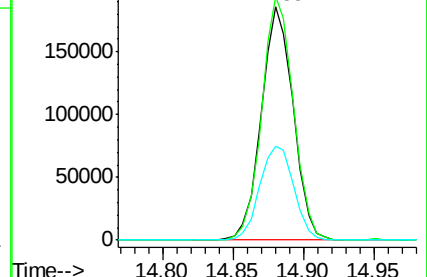
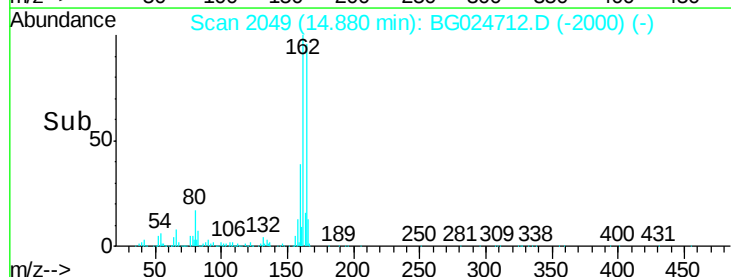
160 40.2 34.7 52.1

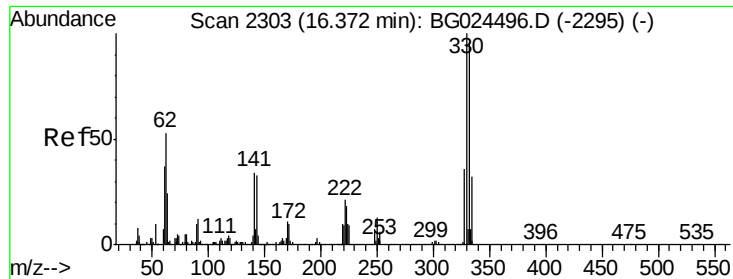


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

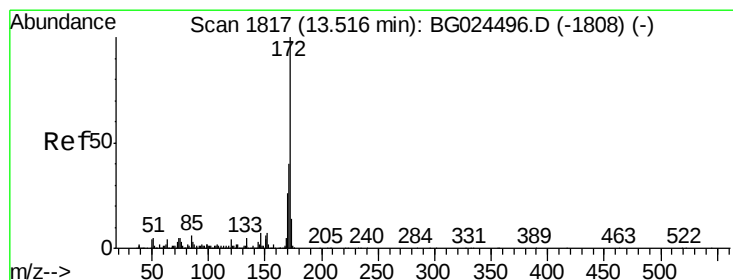
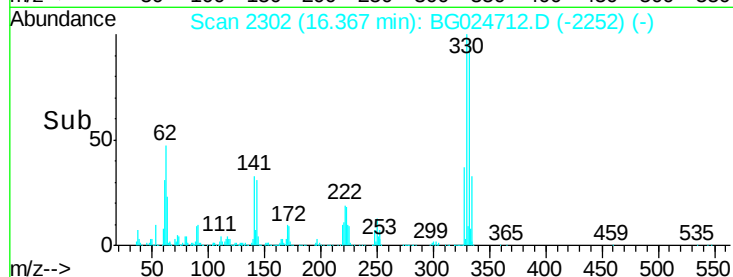
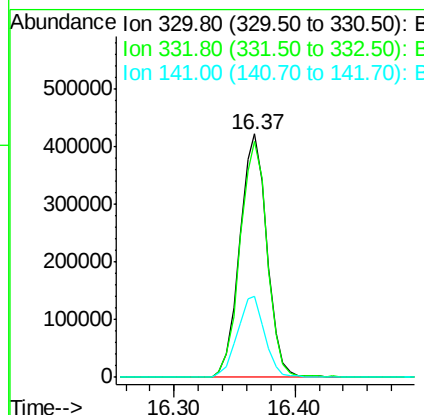
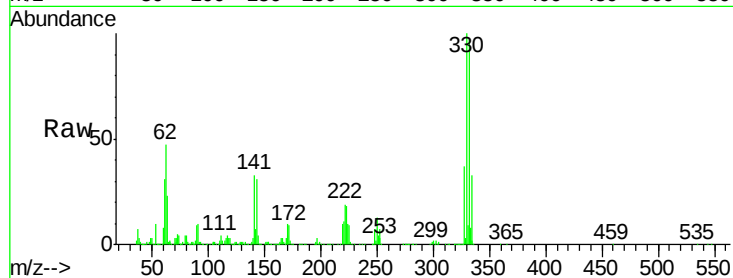




#41
 2,4,6-Tribromophenol
 Concen: 149.84 ng
 RT: 16.37 min Scan# 2302
 Delta R.T. -0.01 min
 Lab File: BG024712.D
 Acq: 5 Nov 2016 14:38

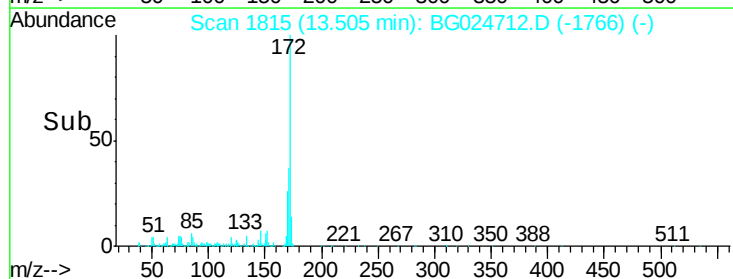
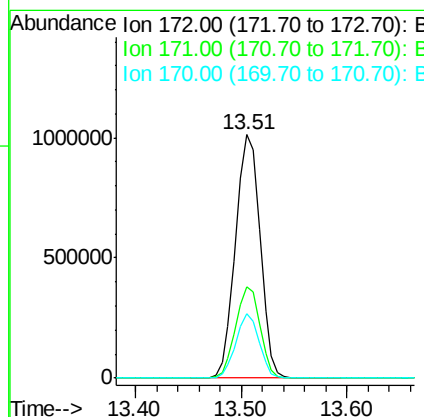
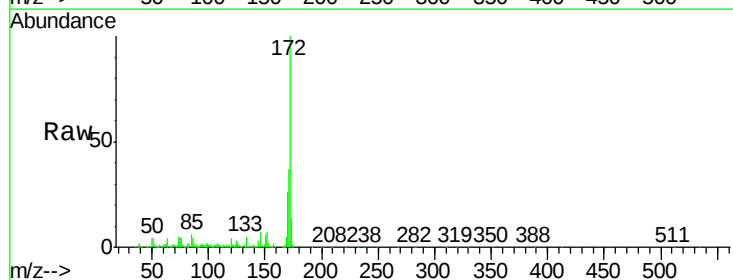
Instrument :
 BNA_G
 ClientSampleId :
 GW-99-7.95-15.0

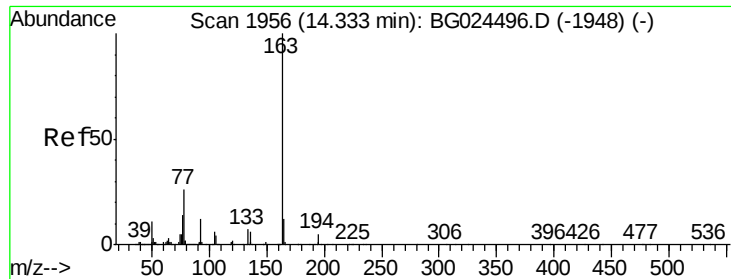
Tgt Ion:330 Resp: 660739
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.3 115.9
 141 33.8 32.1 48.1



#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

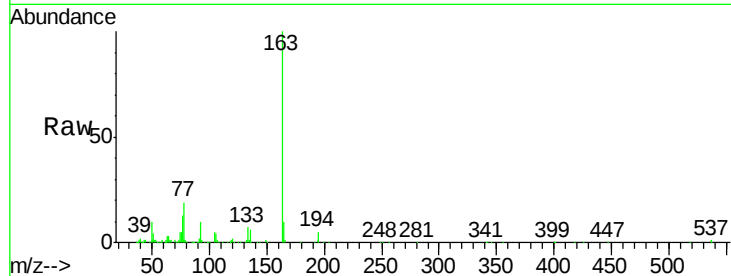
Tgt Ion:163 Resp: 214880

Ion Ratio Lower Upper

163 100

194 4.6 3.8 5.6

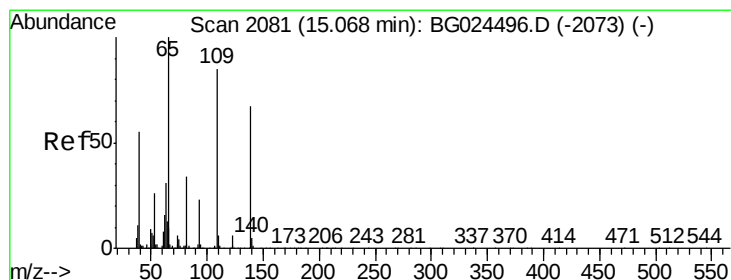
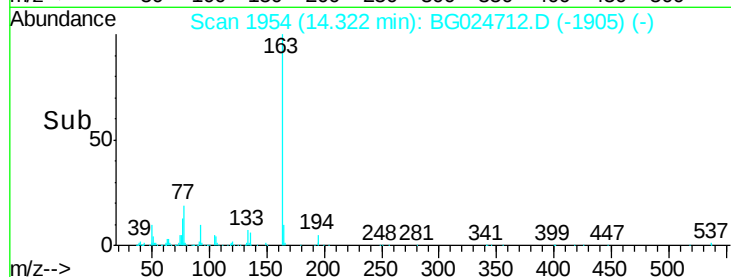
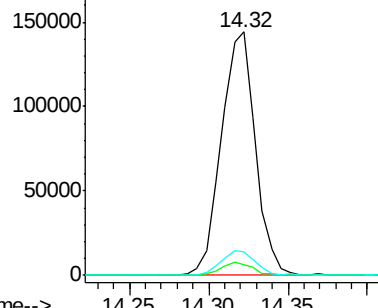
164 9.9 9.3 13.9



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



#55

4-Nitrophenol

Concen: 3.77 ng

RT: 15.28 min Scan# 2117

Delta R.T. 0.21 min

Lab File: BG024712.D

Acq: 5 Nov 2016 14:38

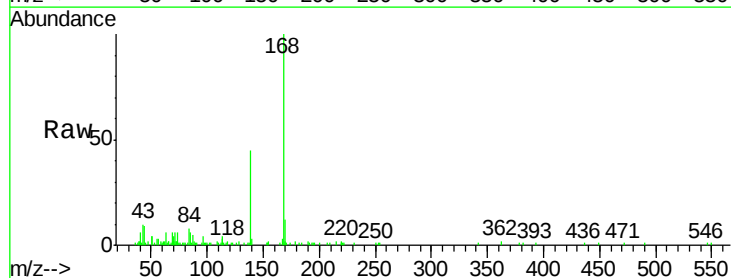
Tgt Ion:139 Resp: 15214

Ion Ratio Lower Upper

139 100

109 4.1 101.2 141.2#

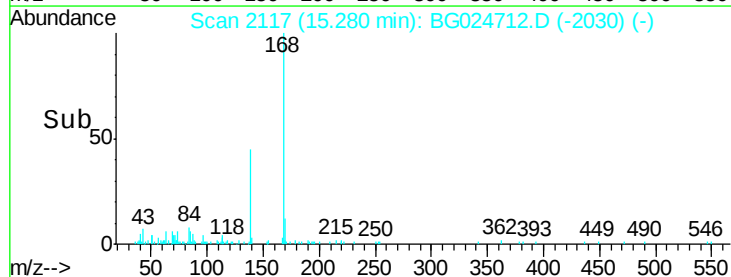
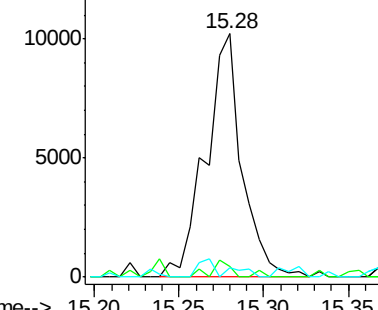
65 3.7 135.3 175.3#

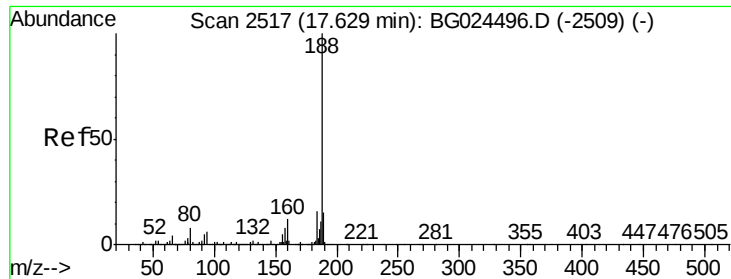


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

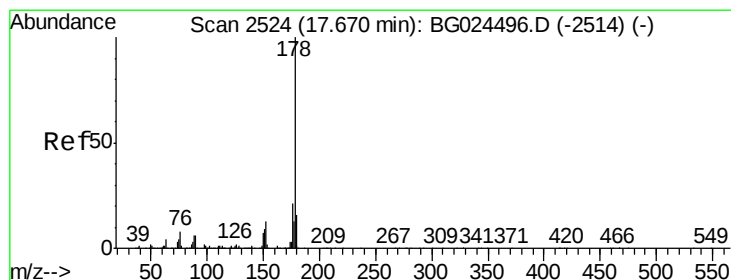
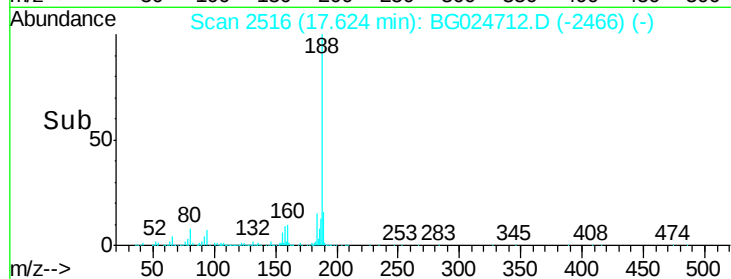
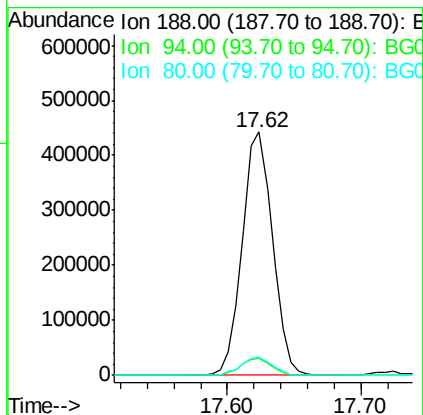
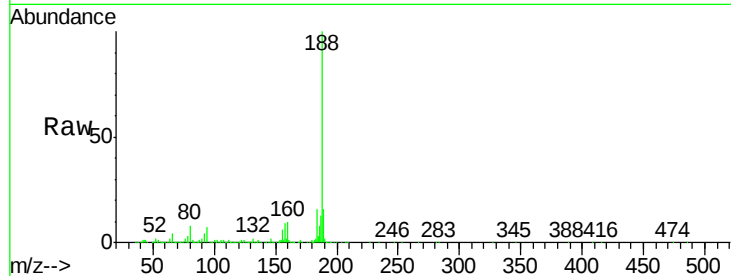




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.62 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BG024712.D
Acq: 5 Nov 2016 14:38

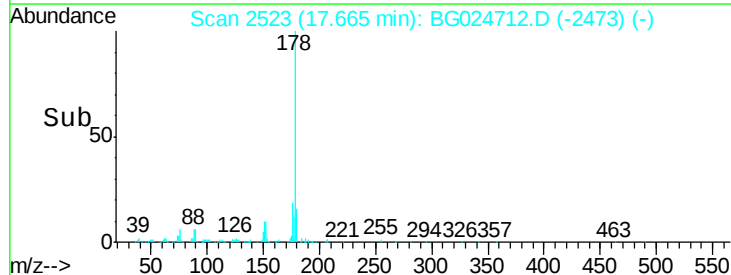
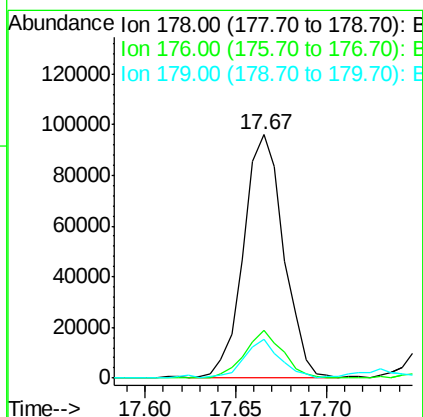
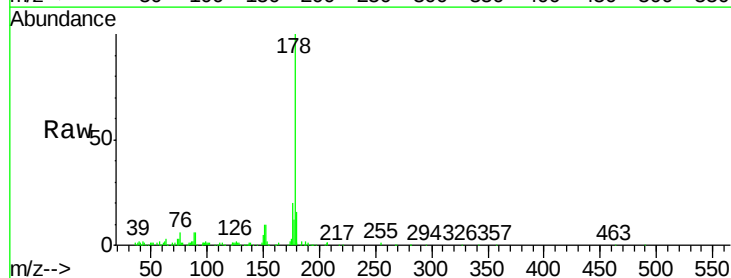
Instrument :
BNA_G
ClientSampleId :
GW-99-7.95-15.0

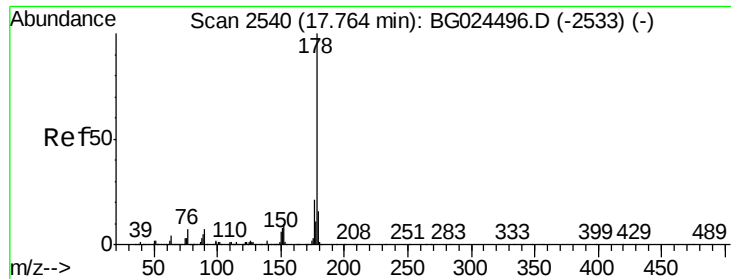
Tgt Ion:188 Resp: 691873
Ion Ratio Lower Upper
188 100
94 6.8 5.8 8.8
80 7.7 7.5 11.3



#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

Tgt Ion:178 Resp: 146785
Ion Ratio Lower Upper
178 100
176 19.6 17.7 26.5
179 15.8 15.0 22.6





#71

Anthracene

Concen: 4.13 ng

RT: 17.67 min Scan# 2523

Delta R.T. -0.10 min

Lab File: BG024712.D

Acq: 5 Nov 2016 14:38

Instrument :

BNA_G

ClientSampleId :

GW-99-7.95-15.0

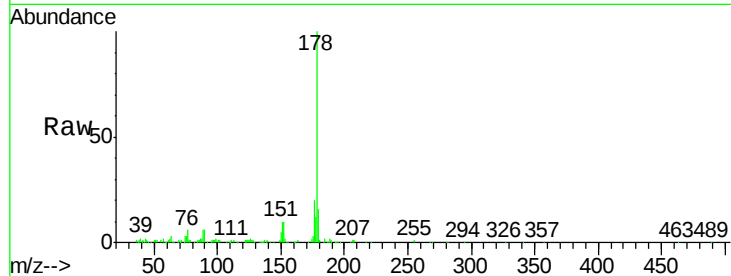
Tgt Ion:178 Resp: 146785

Ion Ratio Lower Upper

178 100

176 19.6 16.4 24.6

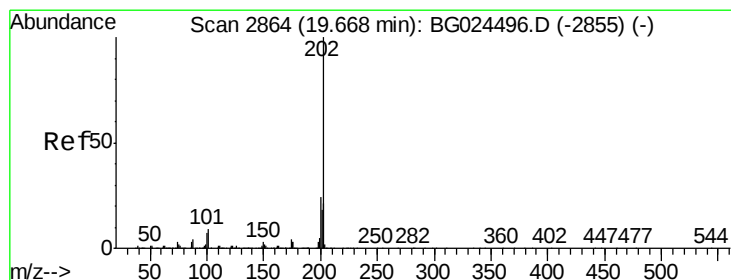
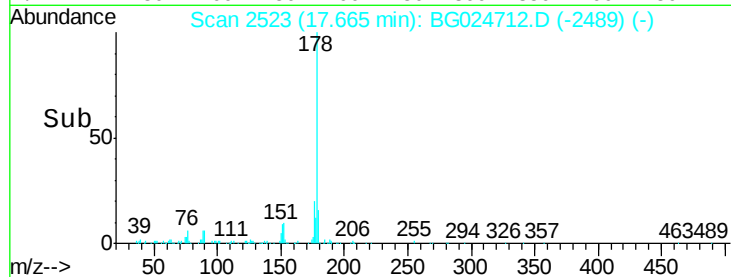
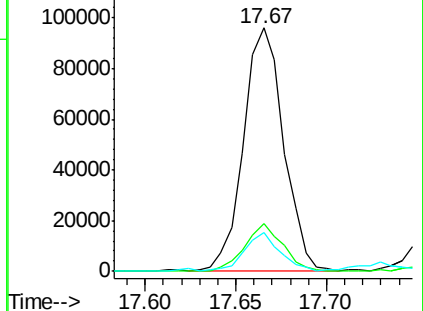
179 15.8 13.8 20.8



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

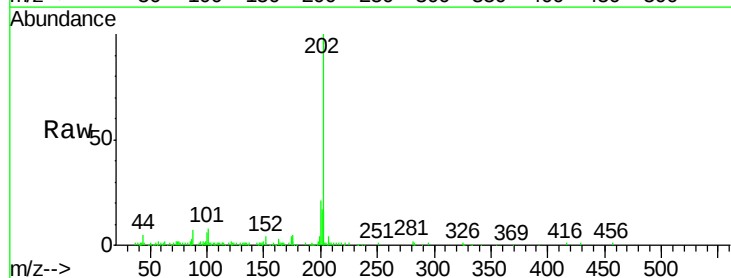
Tgt Ion:202 Resp: 92132

Ion Ratio Lower Upper

202 100

101 7.8 0.0 30.1

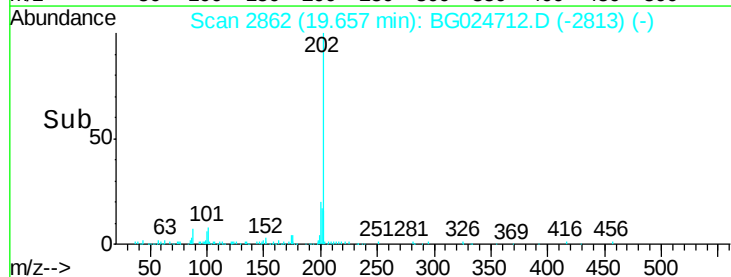
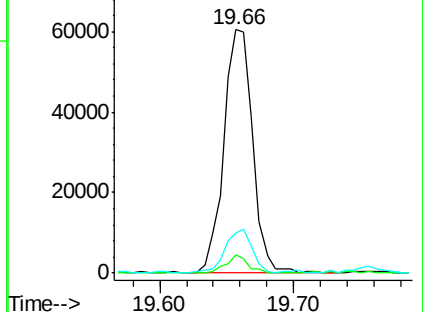
203 16.2 1.3 41.3

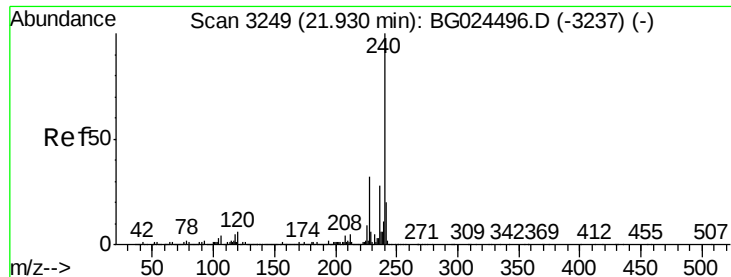


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

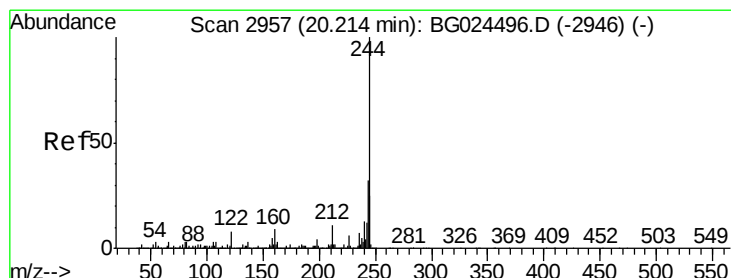
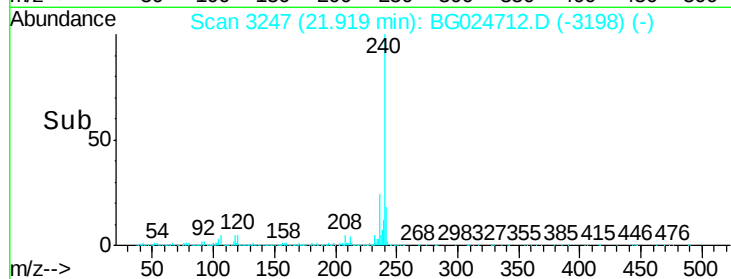
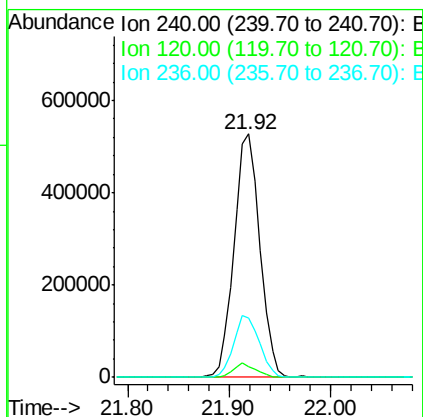
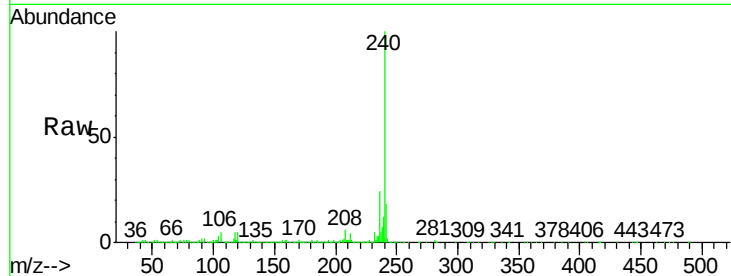




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3247
Delta R.T. -0.01 min
Lab File: BG024712.D
Acq: 5 Nov 2016 14:38

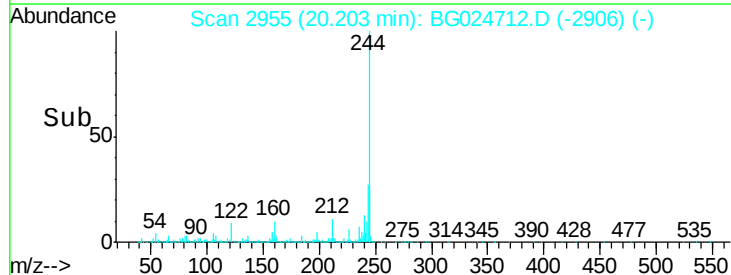
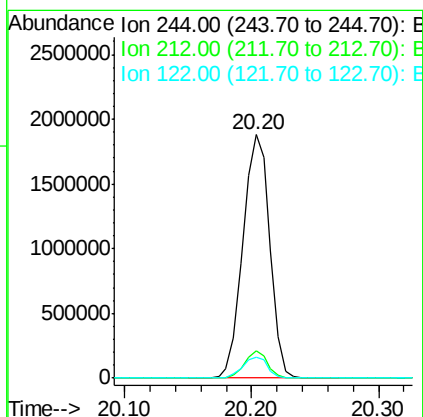
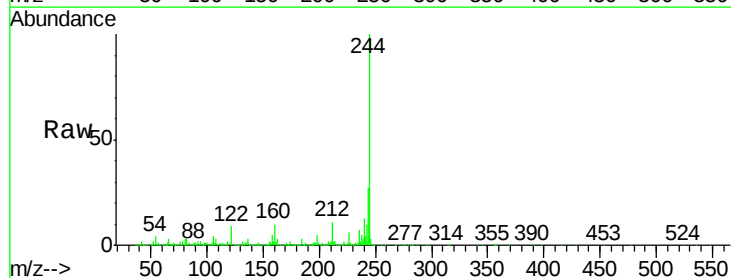
Instrument :
BNA_G
ClientSampleId :
GW-99-7.95-15.0

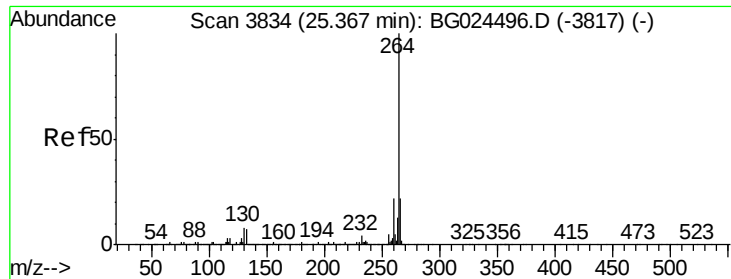
Tgt Ion:240 Resp: 933299
Ion Ratio Lower Upper
240 100
120 4.5 5.7 8.5#
236 24.4 22.2 33.4



#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
Perylene-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

Tgt Ion:	264	Resp:	936720
Ion	Ratio	Lower	Upper
264	100		
260	23.0	21.8	32.8
265	20.3	18.2	27.4

