

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
 Data File : BG024738.D
 Acq On : 7 Nov 2016 21:02
 Operator : UM/SJ
 Sample : H5544-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-112-11.3-23.0

Quant Time: Nov 08 00:04:07 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

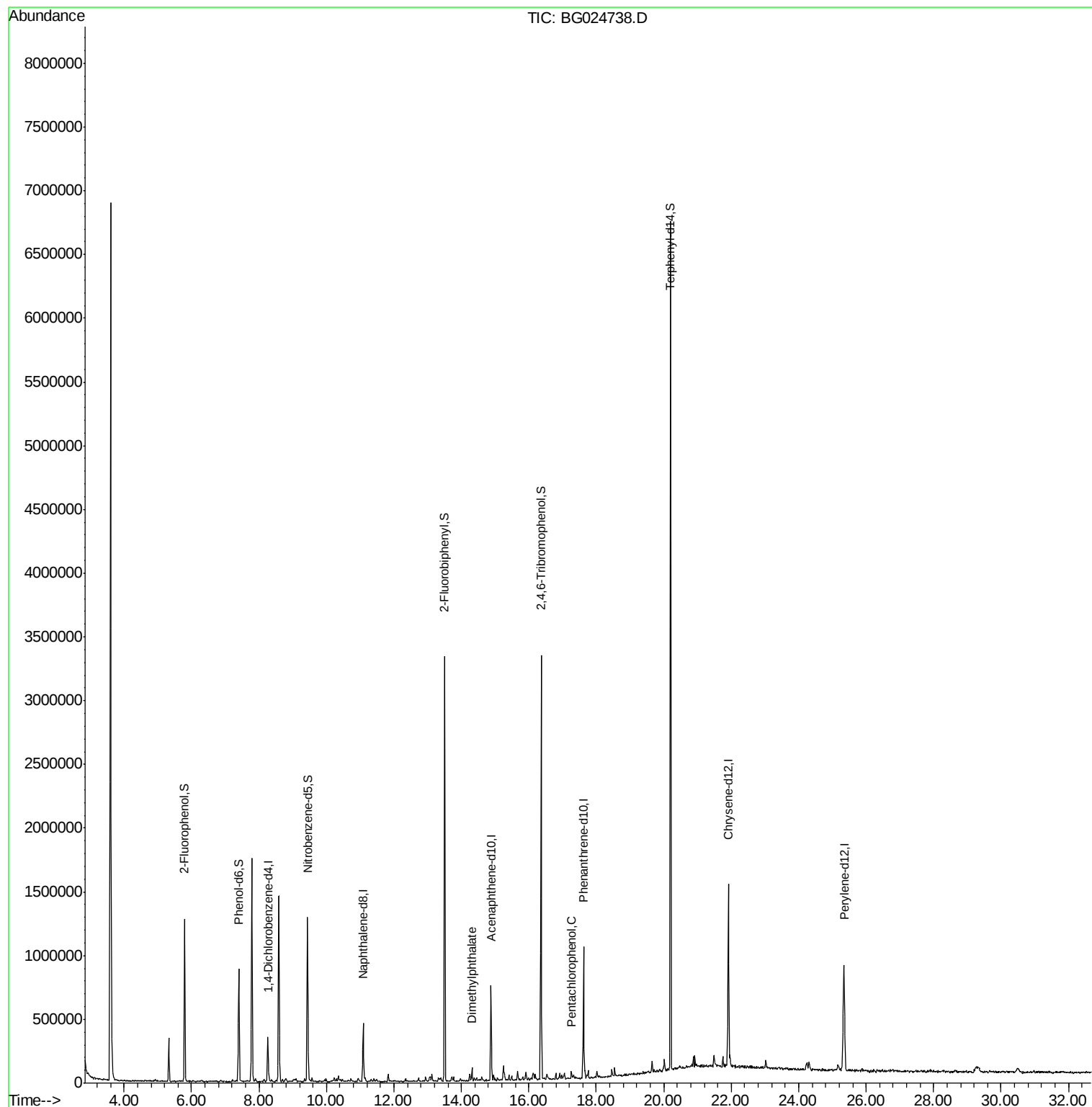
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	93384	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	363578	20.00	ng	-0.02
38) Acenaphthene-d10	14.88	164	283218	20.00	ng	-0.02
63) Phenanthrene-d10	17.62	188	633463	20.00	ng	0.00
75) Chrysene-d12	21.91	240	982667	20.00	ng	-0.02
86) Perylene-d12	25.33	264	1042409	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	490975	86.17	ng	0.00
7) Phenol-d6	7.40	99	485430	62.11	ng	0.00
23) Nitrobenzene-d5	9.44	82	787560	98.62	ng	-0.02
41) 2,4,6-Tribromophenol	16.36	330	665498	157.29	ng	0.00
44) 2-Fluorobiphenyl	13.50	172	1722476	101.08	ng	-0.02
78) Terphenyl-d14	20.20	244	2788232	84.79	ng	-0.02
Target Compounds						
49) Dimethylphthalate	14.32	163	65297	3.25	ng	# 97
69) Pentachlorophenol	17.26	266	11230	2.00	ng	# 70

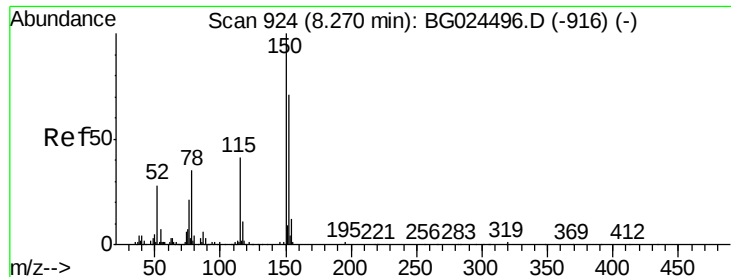
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG024738.D

Acq: 7 Nov 2016 21:02

Instrument :

BNA_G

ClientSampleId :

GW-112-11.3-23.0

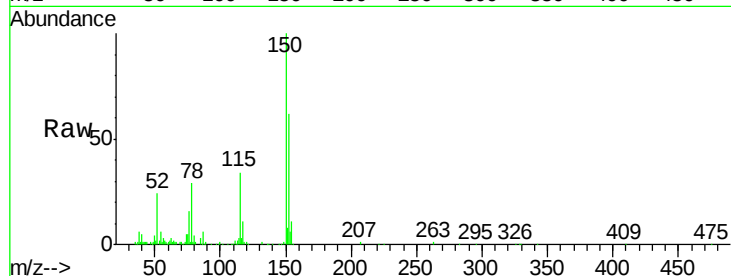
Tot Ion:152 Resp: 93384

Ion Ratio Lower Upper

152 100

150 160.1 114.0 171.0

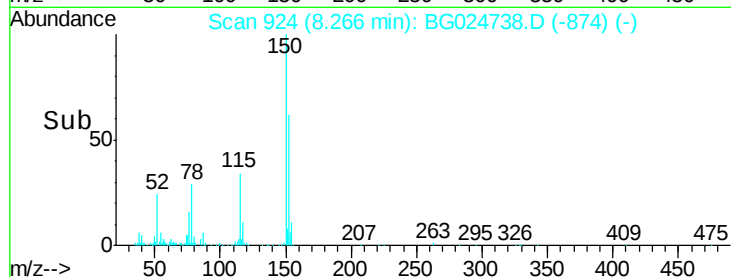
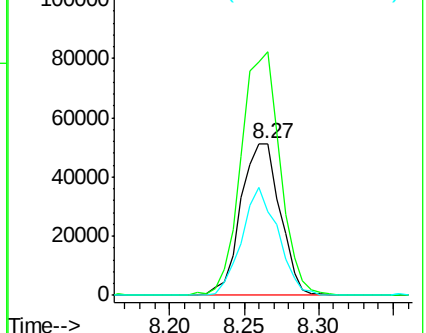
115 55.2 48.1 72.1



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: 86.17 ng

RT: 5.79 min Scan# 503

Delta R.T. -0.00 min

Lab File: BG024738.D

Acq: 7 Nov 2016 21:02

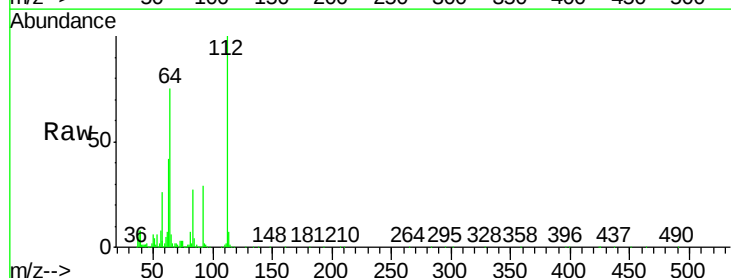
Tgt Ion:112 Resp: 490975

Ion Ratio Lower Upper

112 100

64 74.8 61.8 92.6

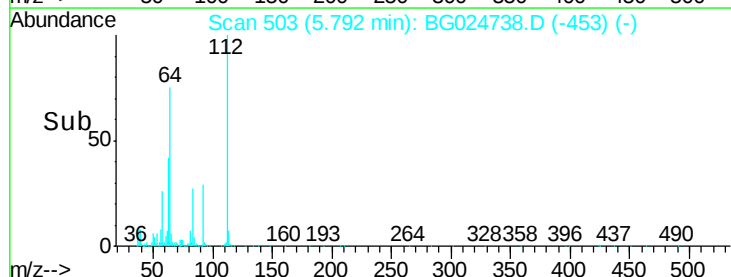
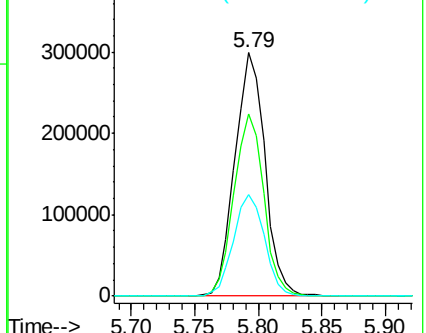
63 41.6 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 62.11 ng

RT: 7.40 min Scan# 776

Delta R.T. -0.00 min

Lab File: BG024738.D

Acq: 7 Nov 2016 21:02

Instrument :

BNA_G

ClientSampleId :

GW-112-11.3-23.0

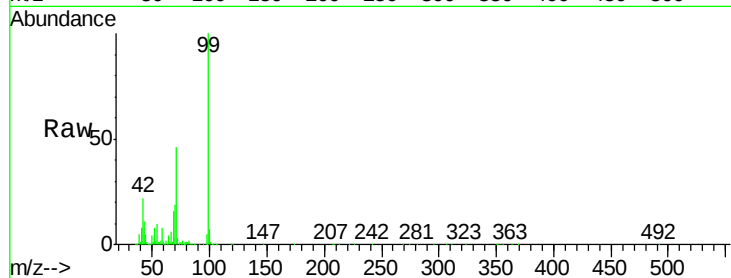
Tot Ion: 99 Resp: 485430

Ion Ratio Lower Upper

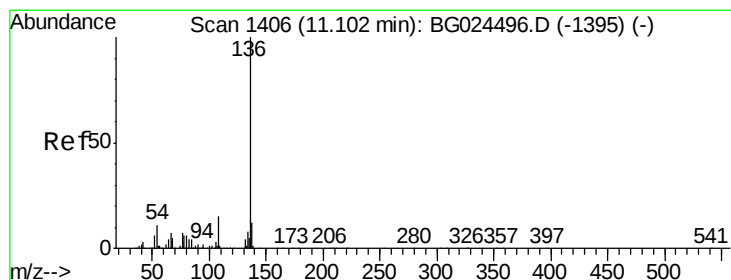
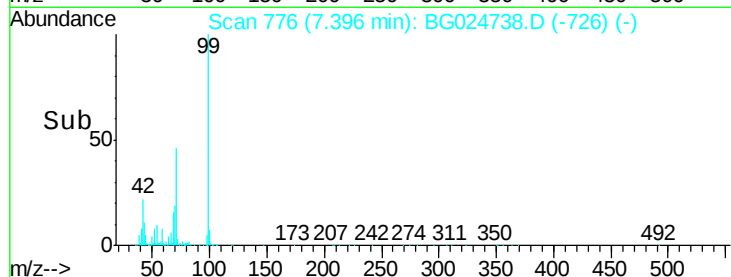
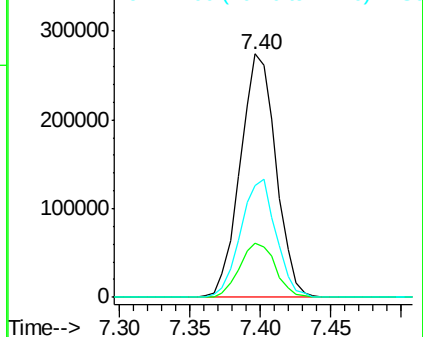
99 100

42 22.0 20.5 30.7

71 45.8 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.09 min Scan# 1404

Delta R.T. -0.02 min

Lab File: BG024738.D

Acq: 7 Nov 2016 21:02

Tgt Ion: 136 Resp: 363578

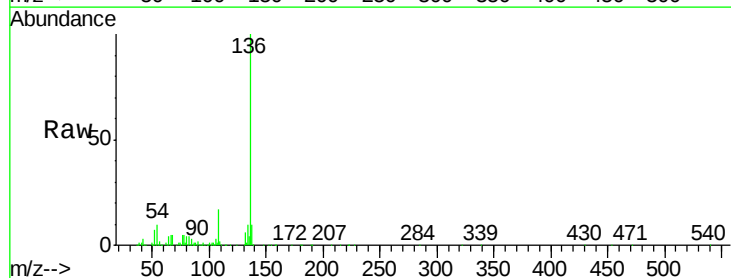
Ion Ratio Lower Upper

136 100

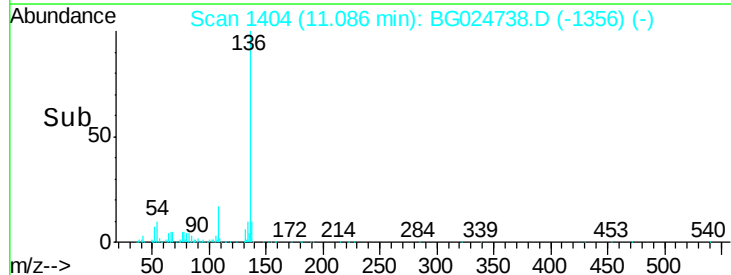
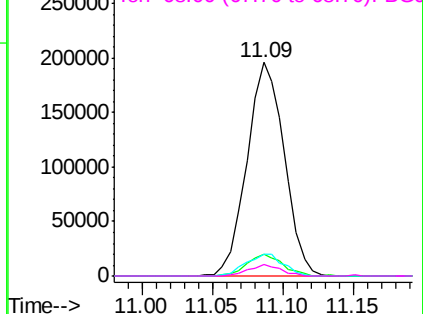
137 10.4 8.9 13.3

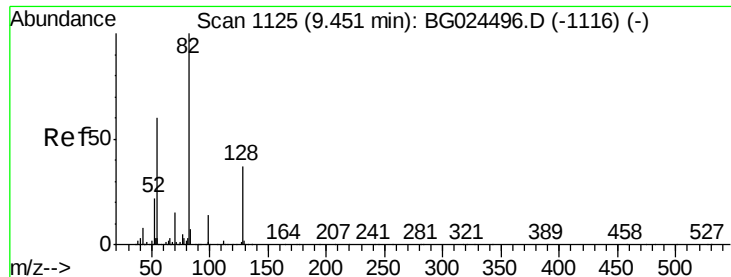
54 10.3 9.3 13.9

68 5.4 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

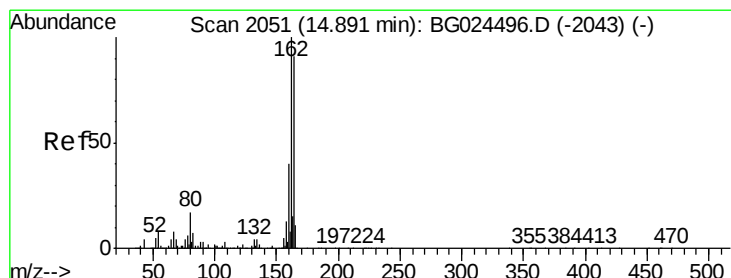
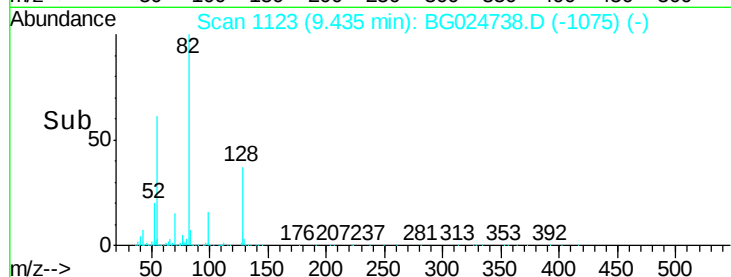
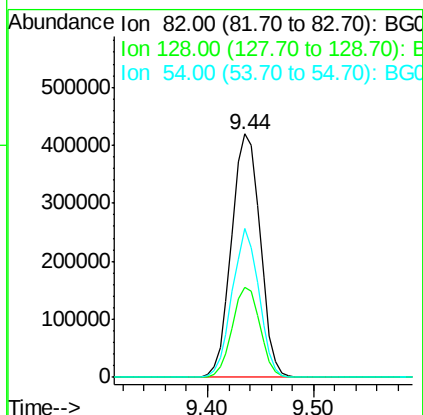
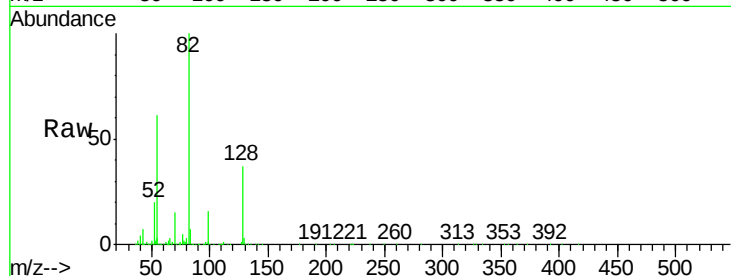




#23
 Nitrobenzene-d5
 Concen: 98.62 ng
 RT: 9.44 min Scan# 1123
 Delta R.T. -0.02 min
 Lab File: BG024738.D
 Acq: 7 Nov 2016 21:02

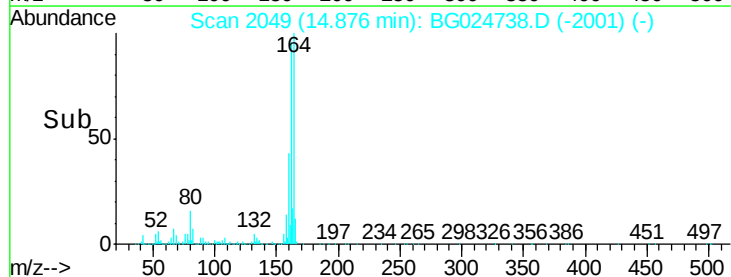
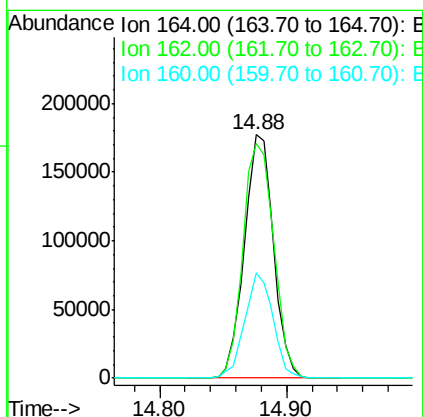
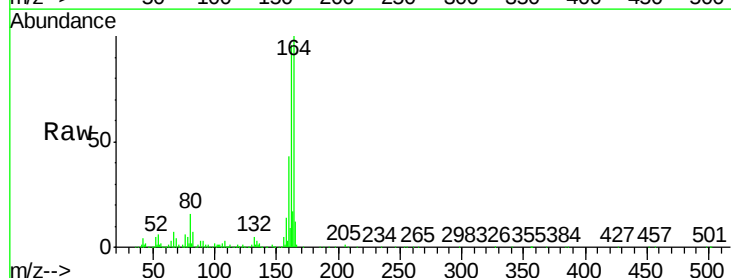
Instrument :
 BNA_G
 ClientSampleId :
 GW-112-11.3-23.0

Tot Ion: 82 Resp: 787560
 Ion Ratio Lower Upper
 82 100
 128 37.1 26.4 39.6
 54 60.9 49.4 74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.88 min Scan# 2049
 Delta R.T. -0.02 min
 Lab File: BG024738.D
 Acq: 7 Nov 2016 21:02

Tgt Ion: 164 Resp: 283218
 Ion Ratio Lower Upper
 164 100
 162 96.3 85.1 127.7
 160 43.3 34.7 52.1

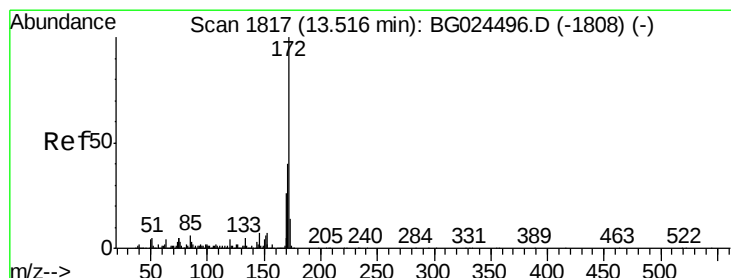
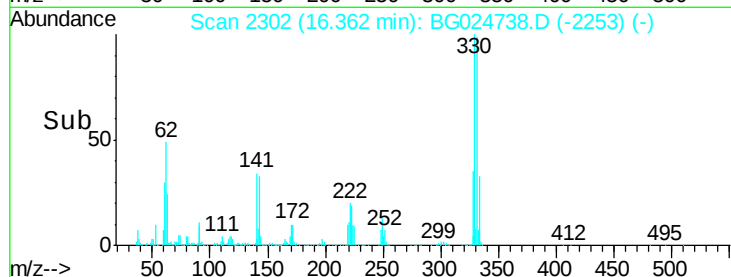
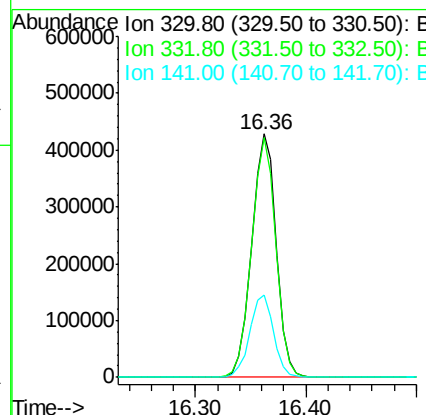
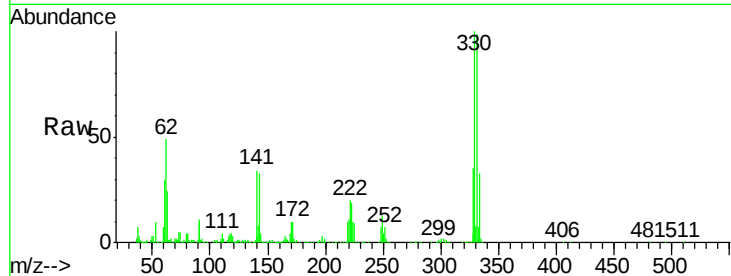




#41
2,4,6-Tribromophenol
Concen: 157.29 ng
RT: 16.36 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG024738.D
Acq: 7 Nov 2016 21:02

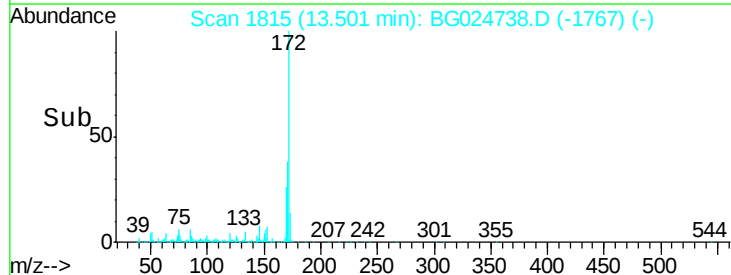
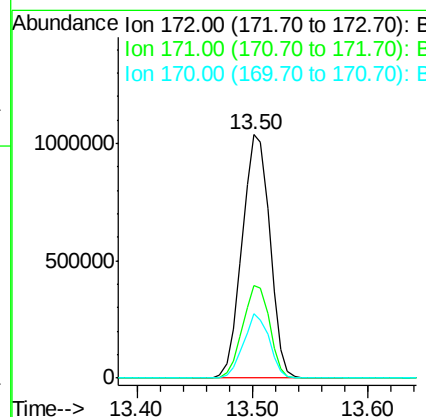
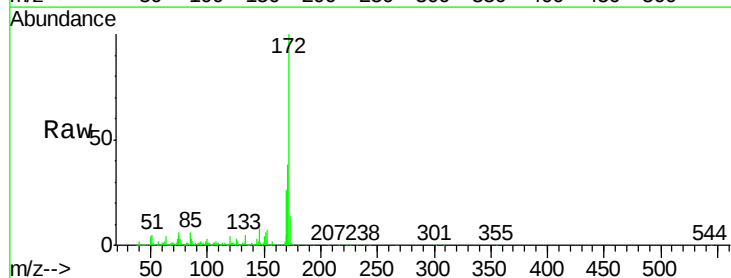
Instrument :
BNA_G
ClientSampleId :
GW-112-11.3-23.0

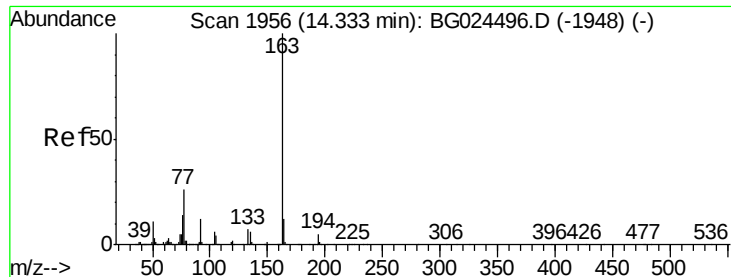
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.3	115.9
141	32.8	32.1	48.1



#44
2-Fluorobiphenyl
Concen: 101.08 ng
RT: 13.50 min Scan# 1815
Delta R.T. -0.02 min
Lab File: BG024738.D
Acq: 7 Nov 2016 21:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	32.2	48.2
170	26.2	21.8	32.6





#49

Dimethylphthalate

Concen: 3.25 ng

RT: 14.32 min Scan# 1954

Delta R.T. -0.02 min

Lab File: BG024738.D

Acq: 7 Nov 2016 21:02

Instrument :

BNA_G

ClientSampleId :

GW-112-11.3-23.0

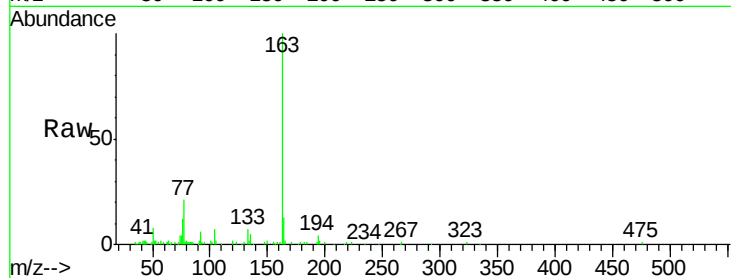
Tot Ion:163 Resp: 65297

Ion Ratio Lower Upper

163 100

194 3.5 3.8 5.6#

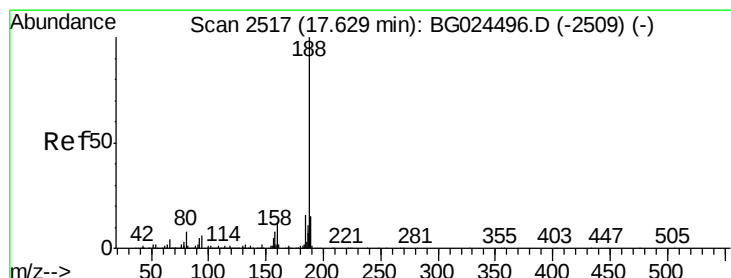
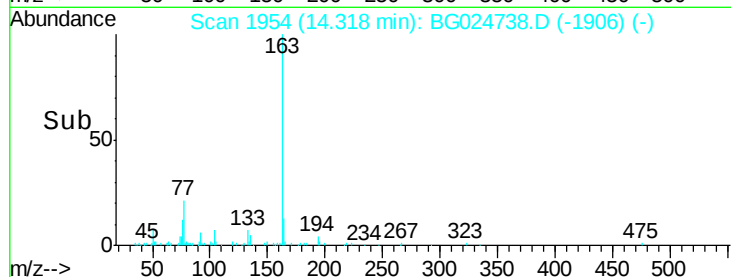
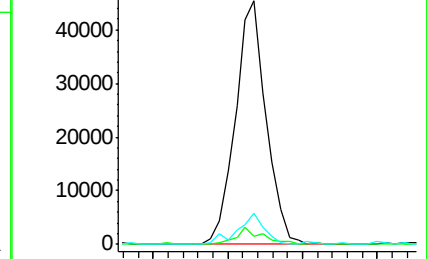
164 12.7 9.3 13.9



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: BG024738.D

Acq: 7 Nov 2016 21:02

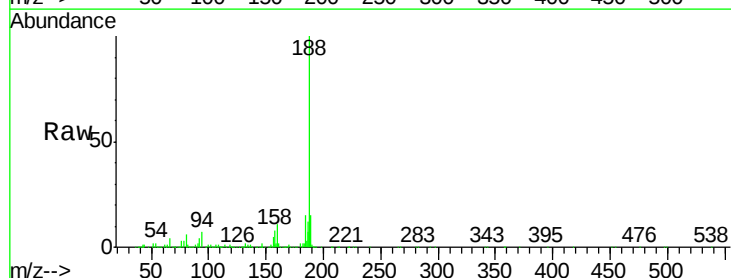
Tgt Ion:188 Resp: 633463

Ion Ratio Lower Upper

188 100

94 6.7 5.8 8.8

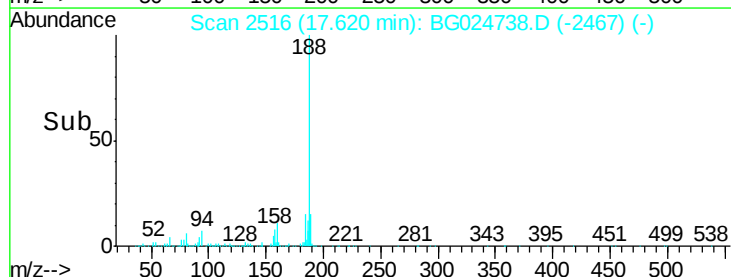
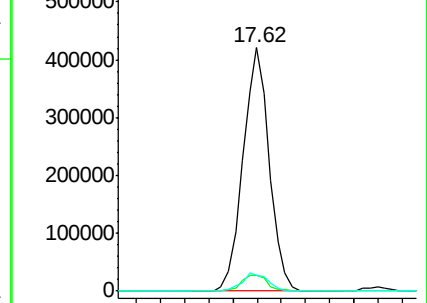
80 6.3 7.5 11.3#

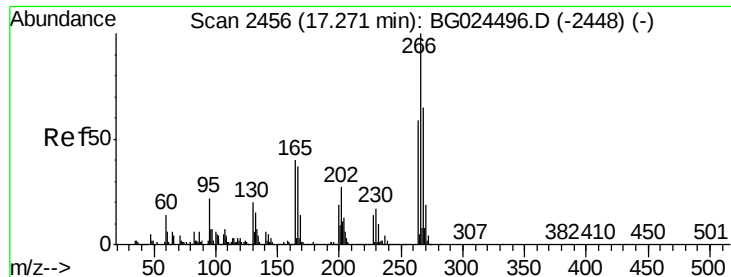


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#69

Pentachlorophenol

Concen: 2.00 ng

RT: 17.26 min Scan# 2455

Delta R.T. -0.01 min

Lab File: BG024738.D

Acq: 7 Nov 2016 21:02

Instrument :

BNA_G

ClientSampleId :

GW-112-11.3-23.0

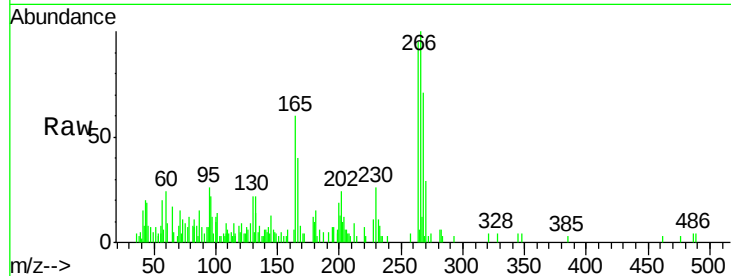
Tot Ion:266 Resp: 11230

Ion Ratio Lower Upper

266 100

268 74.3 48.6 72.8#

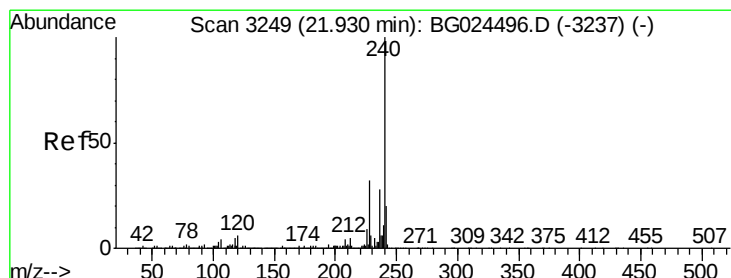
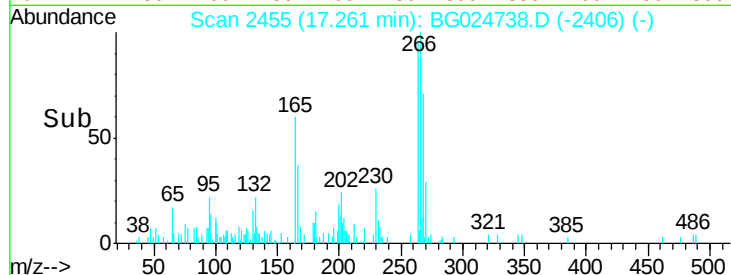
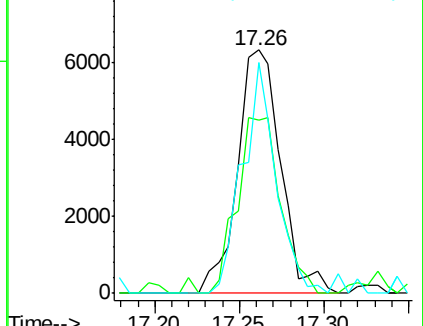
264 94.9 50.1 75.1#



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.91 min Scan# 3247

Delta R.T. -0.02 min

Lab File: BG024738.D

Acq: 7 Nov 2016 21:02

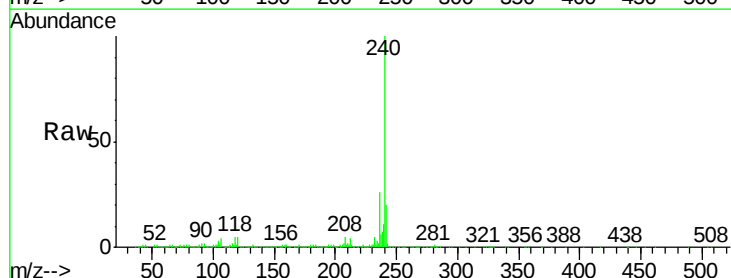
Tgt Ion:240 Resp: 982667

Ion Ratio Lower Upper

240 100

120 5.3 5.7 8.5#

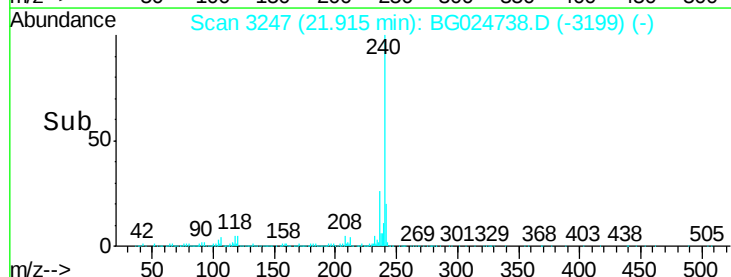
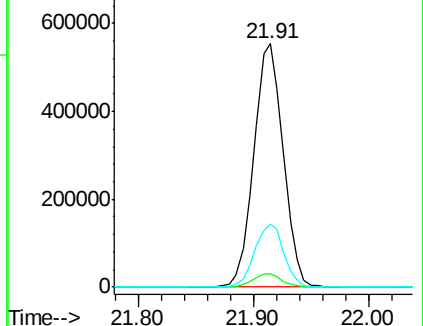
236 25.9 22.2 33.4

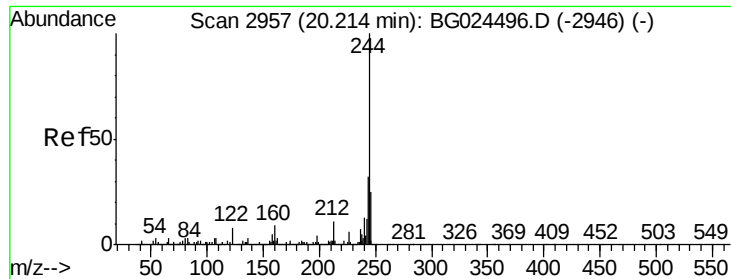


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 84.79 ng

RT: 20.20 min Scan# 2955

Delta R.T. -0.02 min

Lab File: BG024738.D

Acq: 7 Nov 2016 21:02

Instrument :

BNA_G

ClientSampleId :

GW-112-11.3-23.0

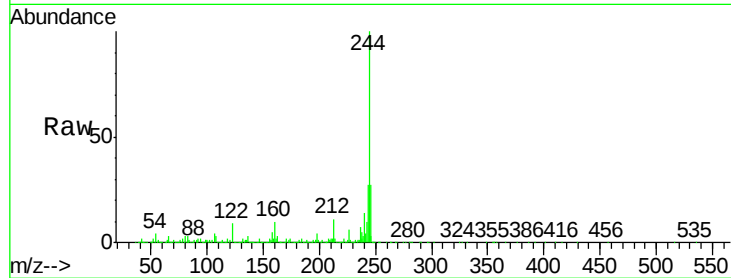
Tot Ion:244 Resp: 2788232

Ion Ratio Lower Upper

244 100

212 11.0 10.0 15.0

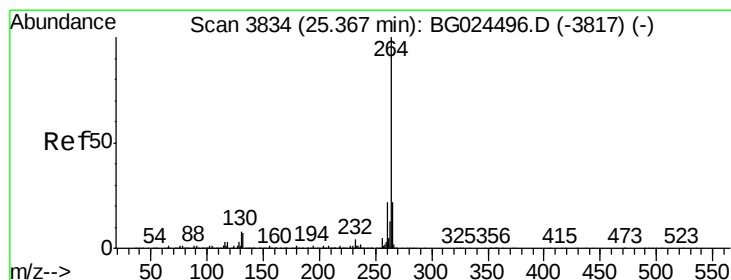
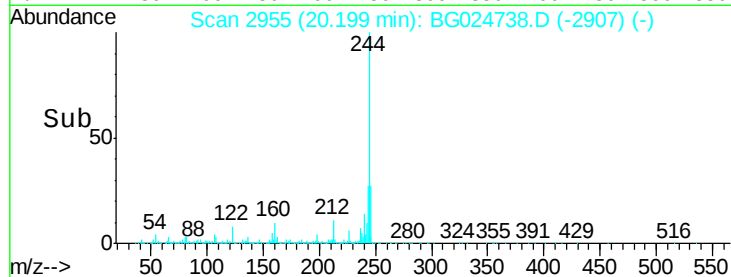
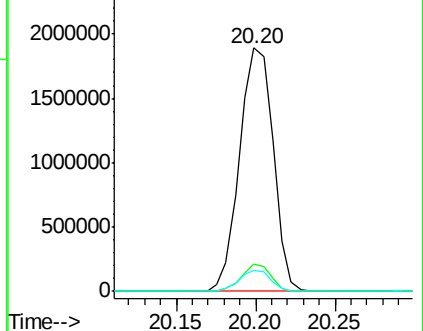
122 8.5 8.6 12.8#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.33 min Scan# 3829

Delta R.T. -0.03 min

Lab File: BG024738.D

Acq: 7 Nov 2016 21:02

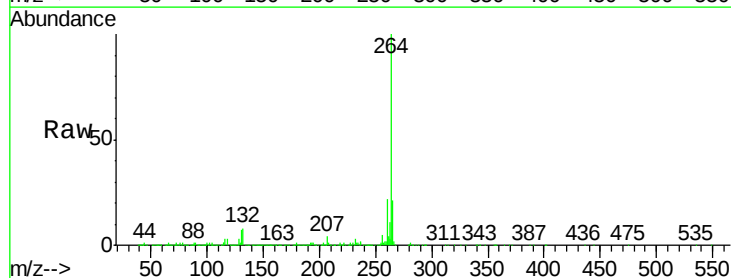
Tgt Ion:264 Resp: 1042409

Ion Ratio Lower Upper

264 100

260 22.3 21.8 32.8

265 21.1 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

