

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
 Data File : BG024744.D
 Acq On : 8 Nov 2016 00:54
 Operator : UM/SJ
 Sample : H5543-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-111-20.5-21.0

Quant Time: Nov 08 02:59:08 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

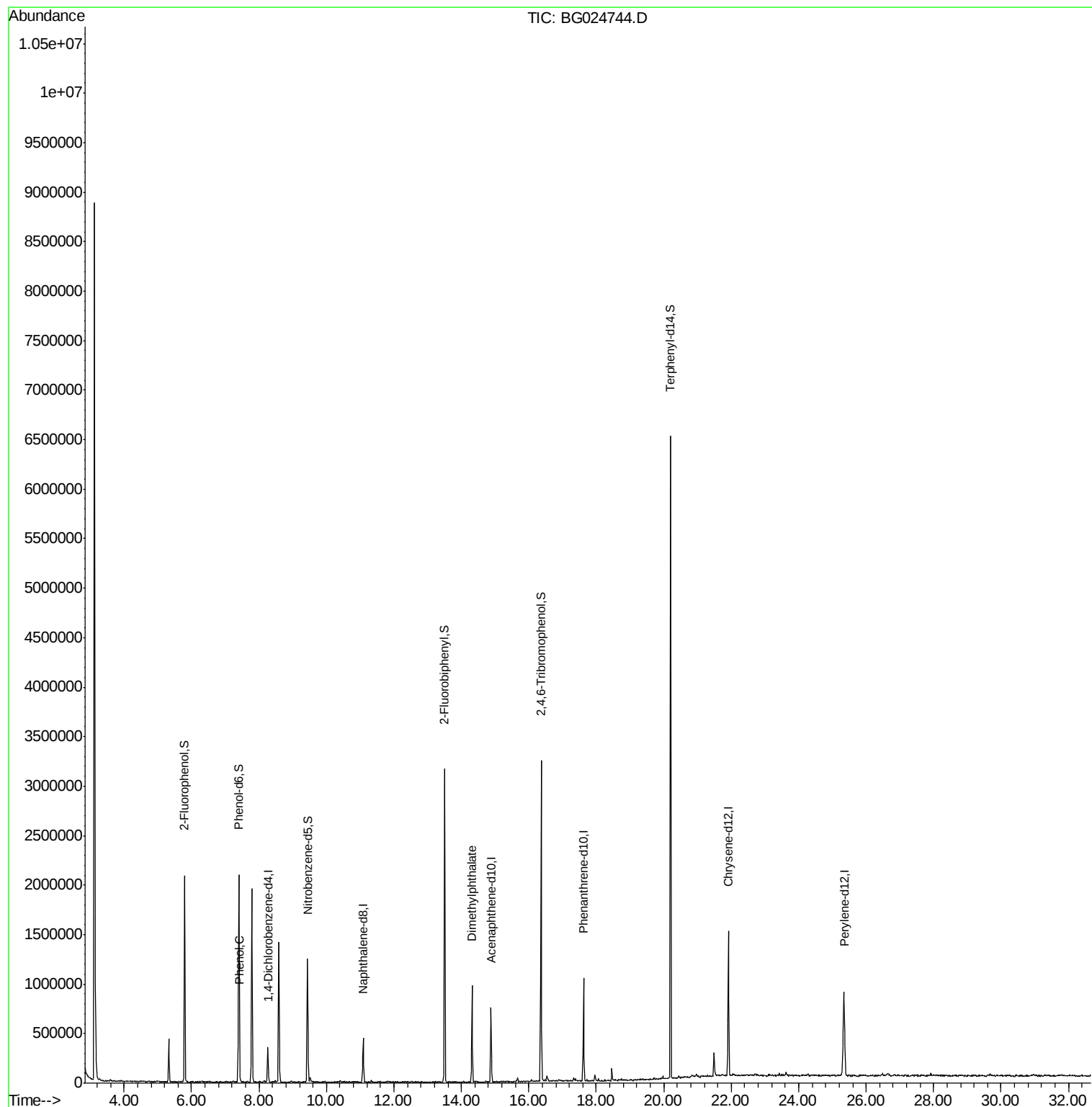
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	88885	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	353014	20.00	ng	-0.02
38) Acenaphthene-d10	14.88	164	280303	20.00	ng	-0.02
63) Phenanthrene-d10	17.62	188	658298	20.00	ng	0.00
75) Chrysene-d12	21.91	240	984506	20.00	ng	-0.02
86) Perylene-d12	25.34	264	1053701	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	803769	148.21	ng	0.00
7) Phenol-d6	7.40	99	1116493	150.08	ng	0.00
23) Nitrobenzene-d5	9.44	82	783768	101.09	ng	-0.02
41) 2,4,6-Tribromophenol	16.36	330	662095	158.11	ng	0.00
44) 2-Fluorobiphenyl	13.50	172	1594959	94.57	ng	-0.02
78) Terphenyl-d14	20.20	244	2755241	83.63	ng	-0.02
Target Compounds						
10) Phenol	7.43	94	19319	2.52	ng	82
49) Dimethylphthalate	14.32	163	629720	31.64	ng	97

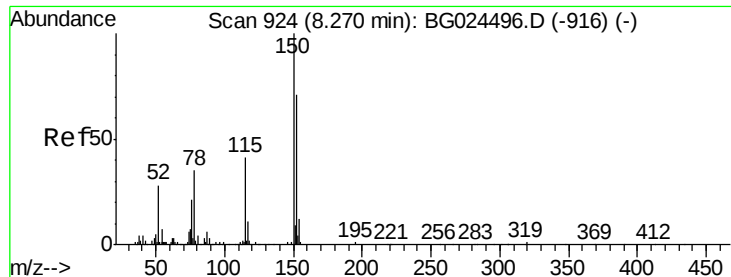
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG024744.D

Acq: 8 Nov 2016 00:54

Instrument :

BNA_G

ClientSampleId :

SB-111-20.5-21.0

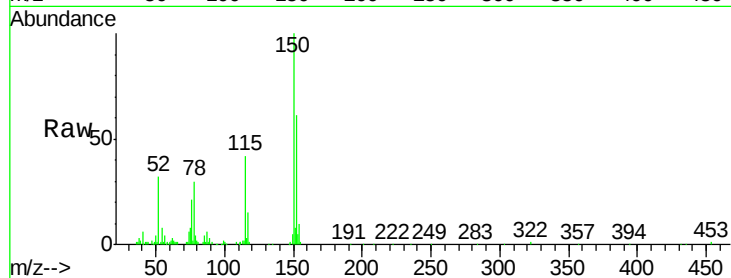
Tot Ion:152 Resp: 88885

Ion Ratio Lower Upper

152 100

150 163.2 114.0 171.0

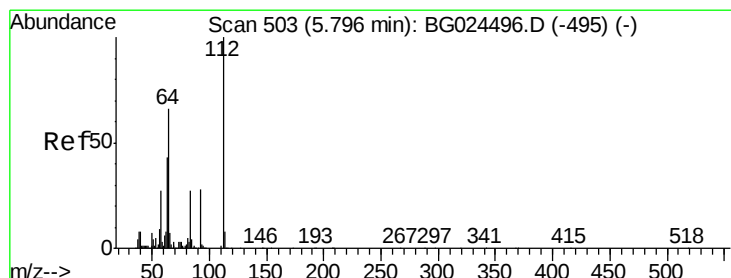
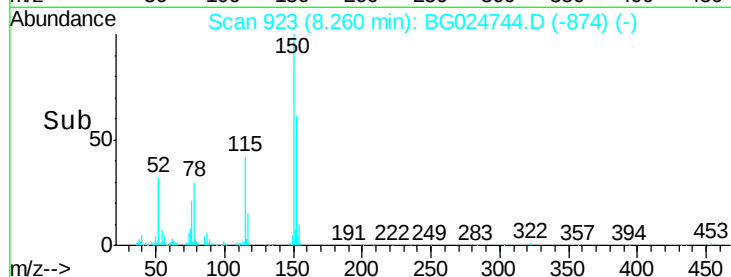
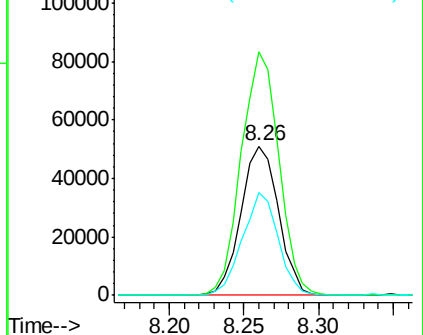
115 68.8 48.1 72.1



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: 148.21 ng

RT: 5.79 min Scan# 503

Delta R.T. -0.00 min

Lab File: BG024744.D

Acq: 8 Nov 2016 00:54

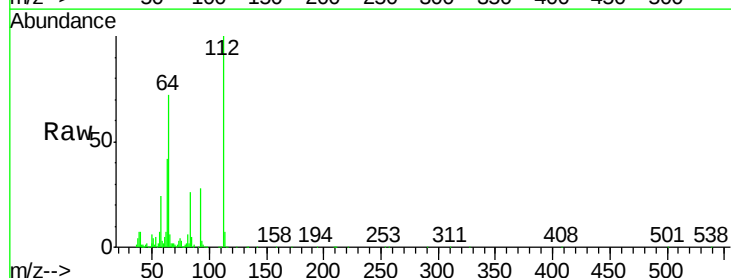
Tgt Ion:112 Resp: 803769

Ion Ratio Lower Upper

112 100

64 71.6 61.8 92.6

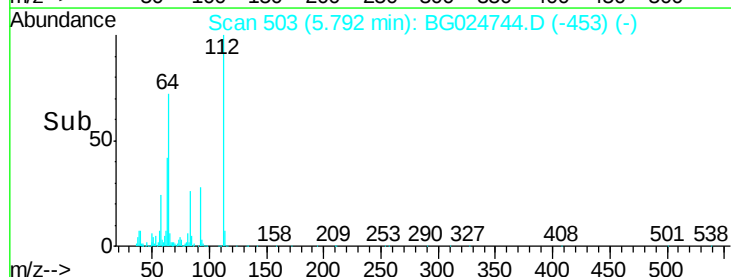
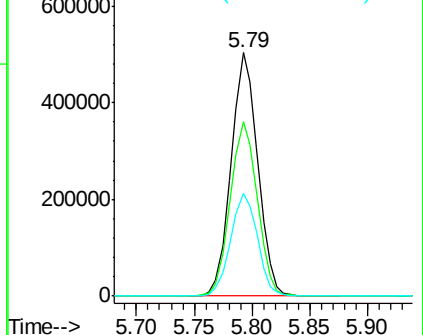
63 42.1 37.2 55.8



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: 150.08 ng

RT: 7.40 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG024744.D

Acq: 8 Nov 2016 00:54

Instrument :

BNA_G

ClientSampleId :

SB-111-20.5-21.0

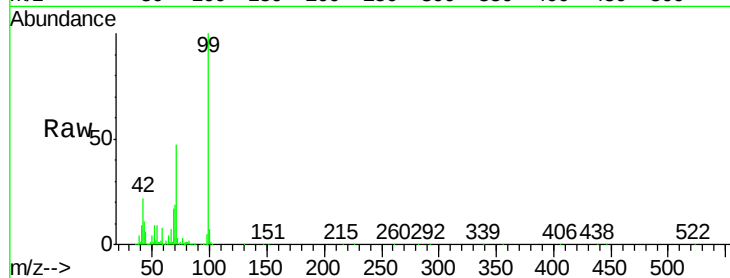
Tot Ion: 99 Resp: 1116493

Ion Ratio Lower Upper

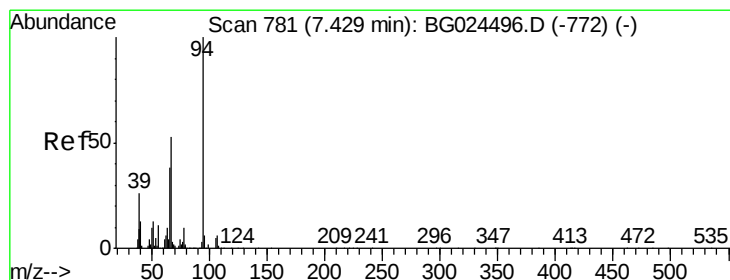
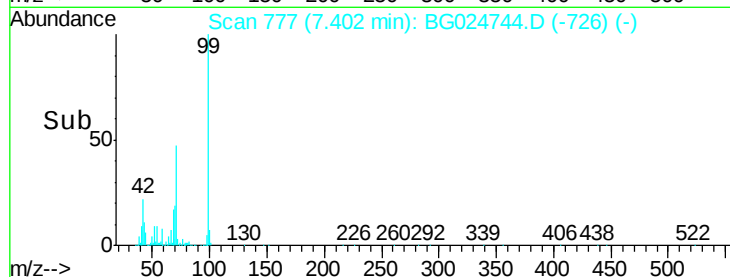
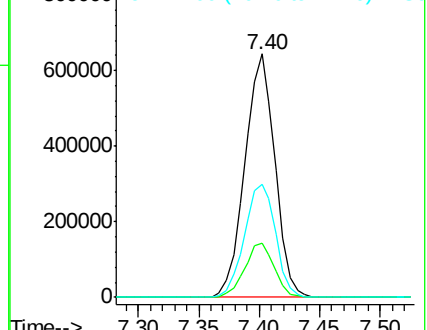
99 100

42 22.4 20.5 30.7

71 46.7 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: 2.52 ng

RT: 7.43 min Scan# 781

Delta R.T. -0.00 min

Lab File: BG024744.D

Acq: 8 Nov 2016 00:54

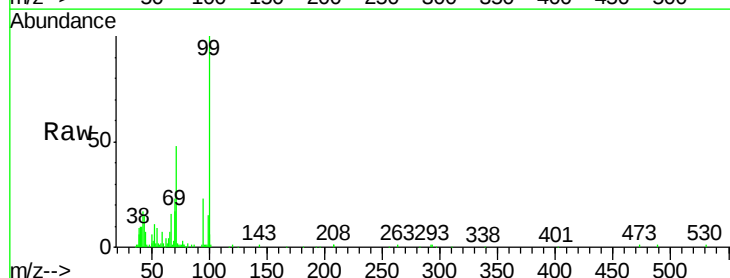
Tgt Ion: 94 Resp: 19319

Ion Ratio Lower Upper

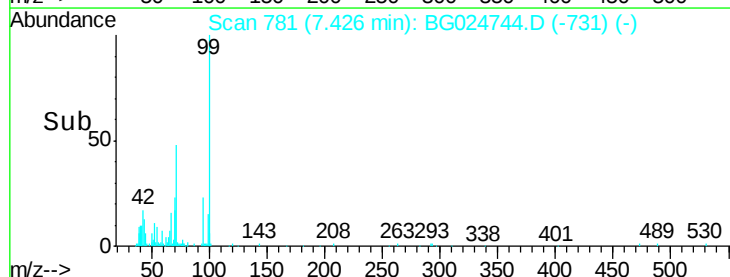
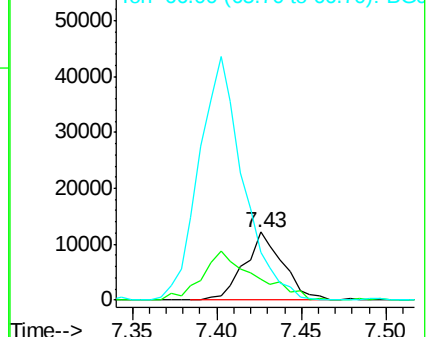
94 100

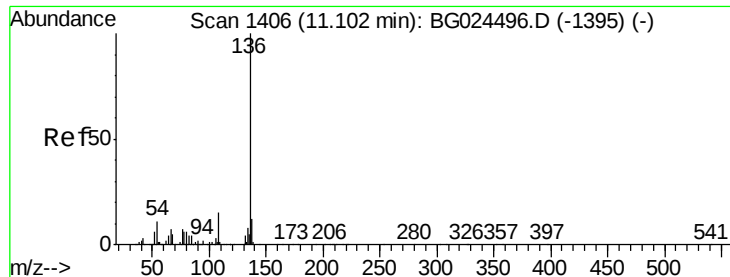
65 31.6 20.6 60.6

66 70.9 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

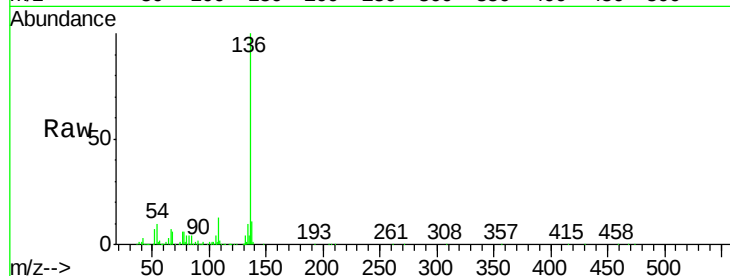




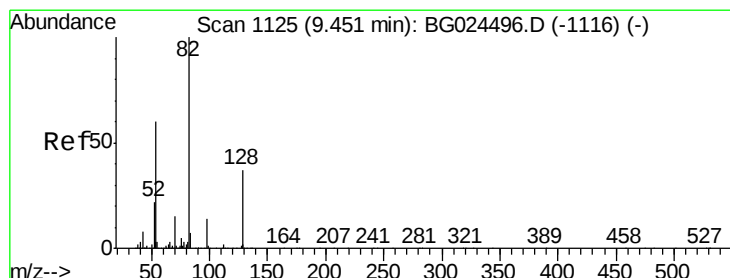
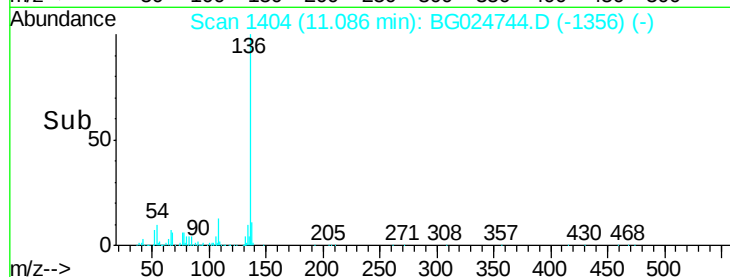
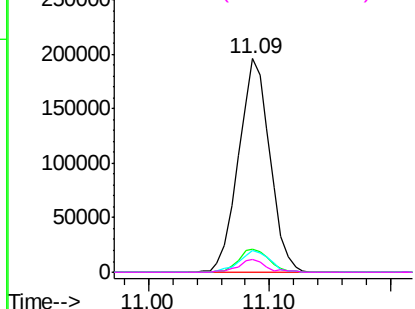
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 1404
Delta R.T. -0.02 min
Lab File: BG024744.D
Acq: 8 Nov 2016 00:54

Instrument :
BNA_G
ClientSampleId :
SB-111-20.5-21.0

Tot Ion:136	Resp:	353014
Ion Ratio	Lower	Upper
136 100		
137 10.6	8.9	13.3
54 10.2	9.3	13.9
68 6.0	5.1	7.7

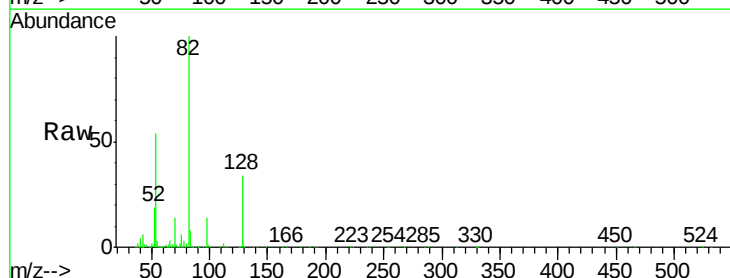


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

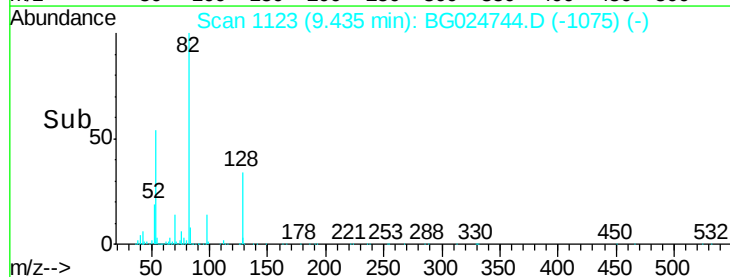
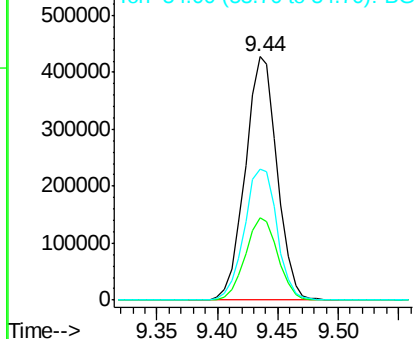


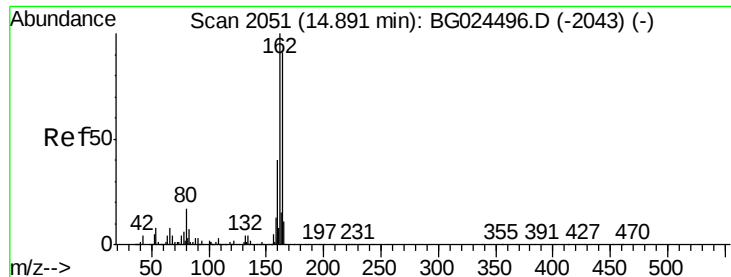
#23
Nitrobenzene-d5
Concen: 101.09 ng
RT: 9.44 min Scan# 1123
Delta R.T. -0.02 min
Lab File: BG024744.D
Acq: 8 Nov 2016 00:54

Tgt	Ion: 82	Resp:	783768
Ion	Ratio	Lower	Upper
82	100		
128	33.6	26.4	39.6
54	54.0	49.4	74.2



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.88 min Scan# 2049

Delta R.T. -0.02 min

Lab File: BG024744.D

Acq: 8 Nov 2016 00:54

Instrument :

BNA_G

ClientSampleId :

SB-111-20.5-21.0

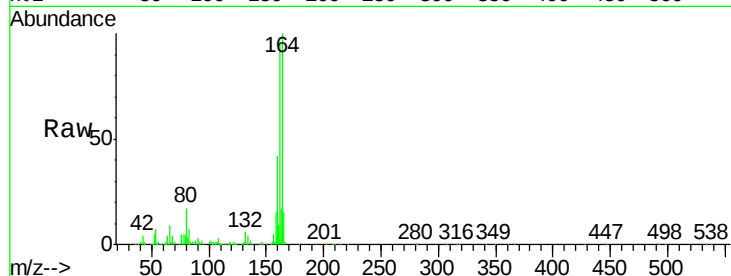
Tot Ion:164 Resp: 280303

Ion Ratio Lower Upper

164 100

162 96.0 85.1 127.7

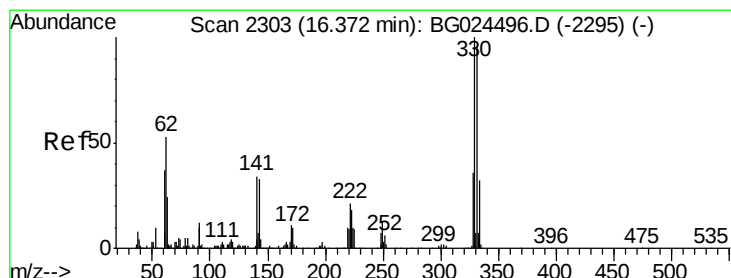
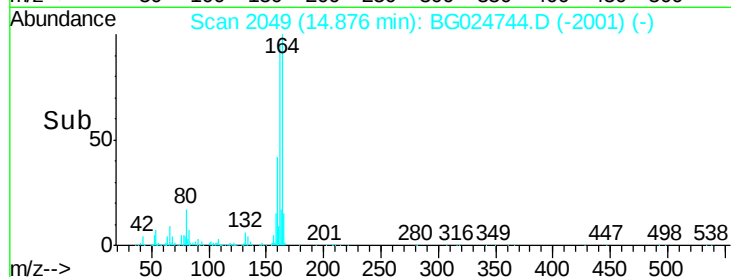
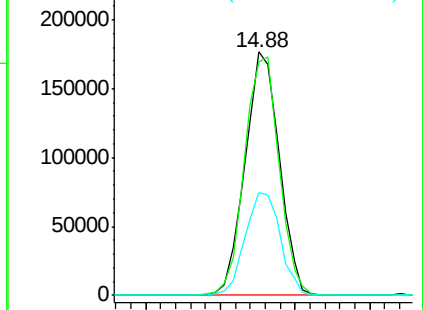
160 42.1 34.7 52.1



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: 158.11 ng

RT: 16.36 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BG024744.D

Acq: 8 Nov 2016 00:54

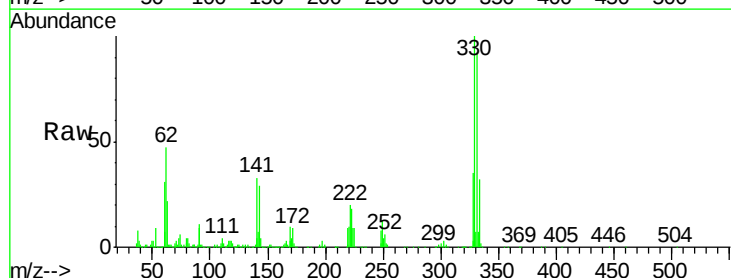
Tgt Ion:330 Resp: 662095

Ion Ratio Lower Upper

330 100

332 97.4 77.3 115.9

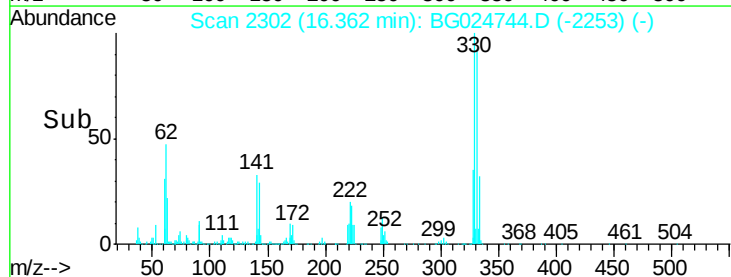
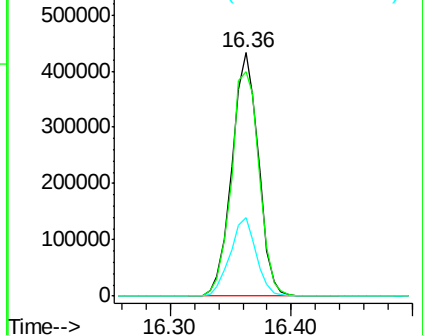
141 31.8 32.1 48.1#



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

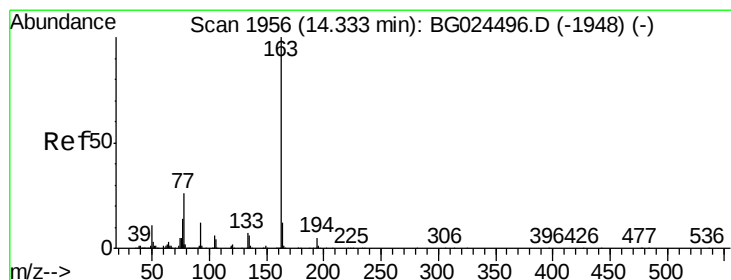
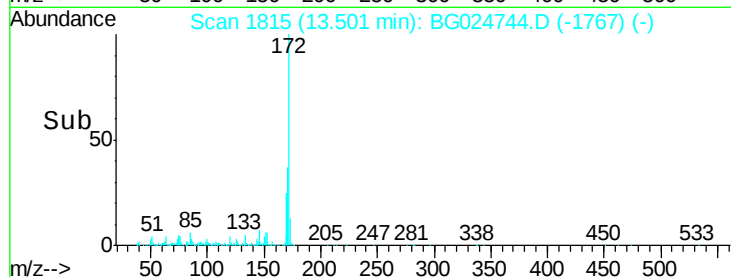
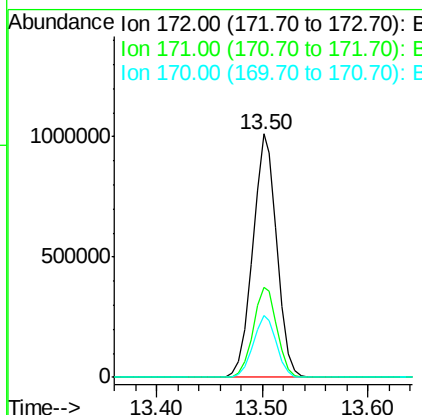
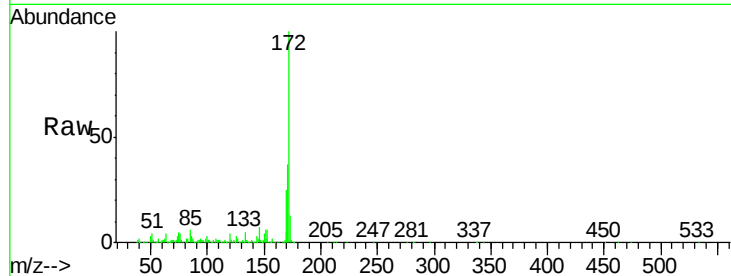




#44
2-Fluorobiphenyl
Concen: 94.57 ng
RT: 13.50 min Scan# 1815
Delta R.T. -0.02 min
Lab File: BG024744.D
Acq: 8 Nov 2016 00:54

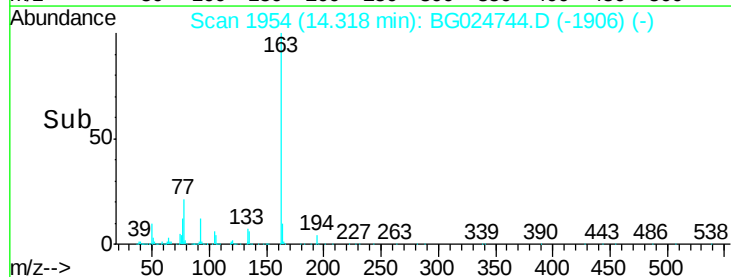
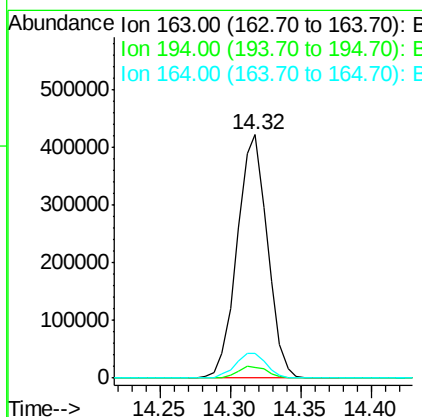
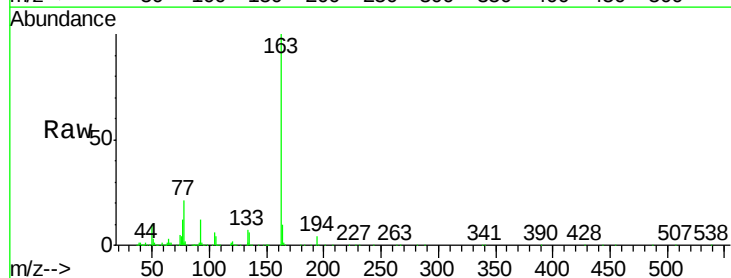
Instrument :
BNA_G
ClientSampleId :
SB-111-20.5-21.0

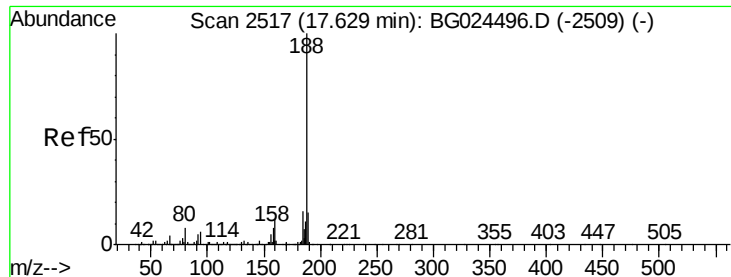
Tot Ion:172 Resp: 1594959
Ion Ratio Lower Upper
172 100
171 36.7 32.2 48.2
170 25.3 21.8 32.6



#49
Dimethylphthalate
Concen: 31.64 ng
RT: 14.32 min Scan# 1954
Delta R.T. -0.02 min
Lab File: BG024744.D
Acq: 8 Nov 2016 00:54

Tgt Ion:163 Resp: 629720
Ion Ratio Lower Upper
163 100
194 4.1 3.8 5.6
164 10.2 9.3 13.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.62 min Scan# 2516

Delta R.T. -0.01 min

Lab File: BG024744.D

Acq: 8 Nov 2016 00:54

Instrument :

BNA_G

ClientSampleId :

SB-111-20.5-21.0

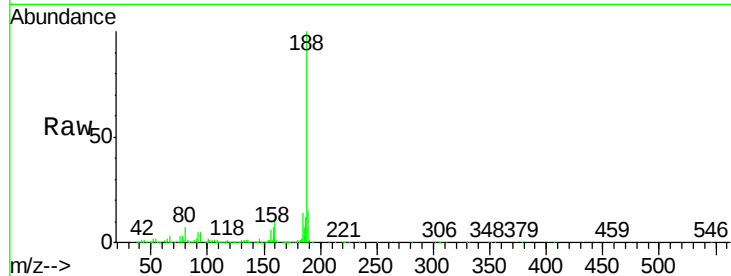
Tot Ion:188 Resp: 658298

Ion Ratio Lower Upper

188 100

94 5.3 5.8 8.8#

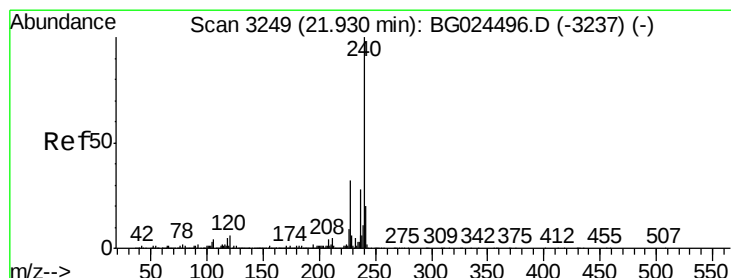
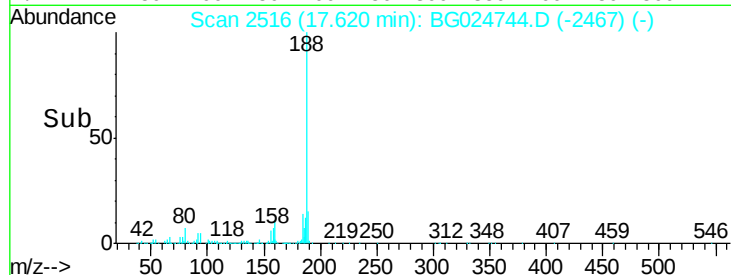
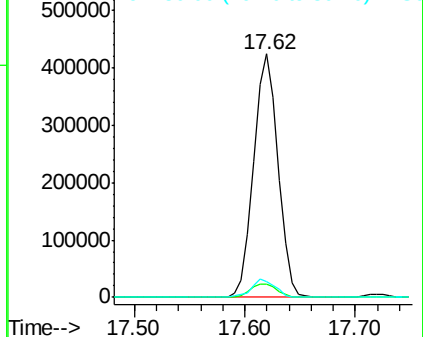
80 6.6 7.5 11.3#



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: 21.91 min Scan# 3247

Delta R.T. -0.02 min

Lab File: BG024744.D

Acq: 8 Nov 2016 00:54

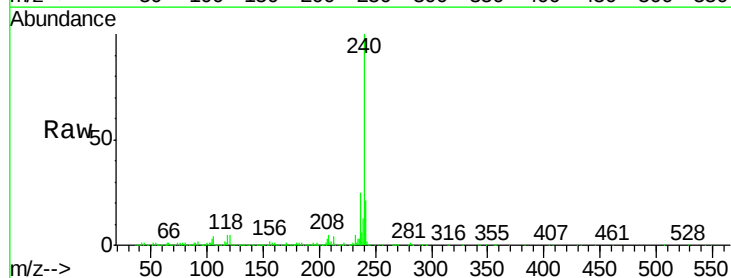
Tgt Ion:240 Resp: 984506

Ion Ratio Lower Upper

240 100

120 4.9 5.7 8.5#

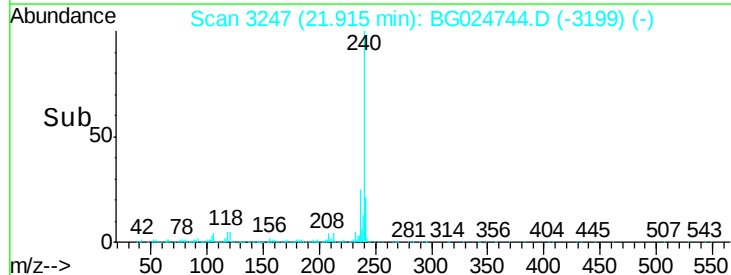
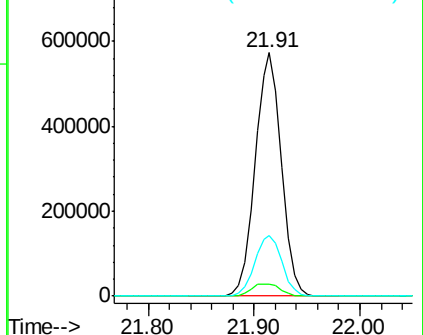
236 25.1 22.2 33.4

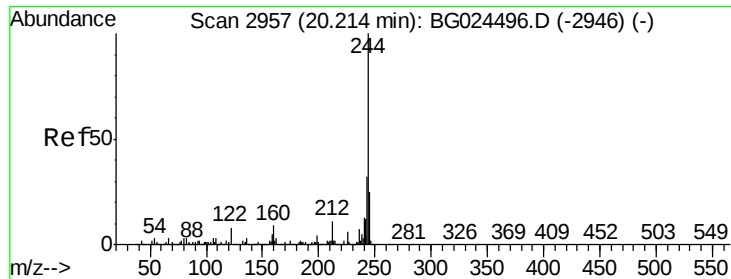


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 83.63 ng

RT: 20.20 min Scan# 2955

Delta R.T. -0.02 min

Lab File: BG024744.D

Acq: 8 Nov 2016 00:54

Instrument :

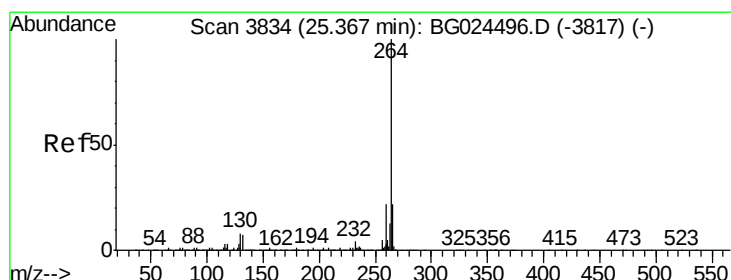
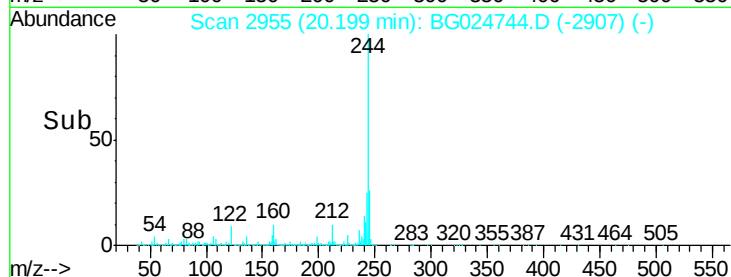
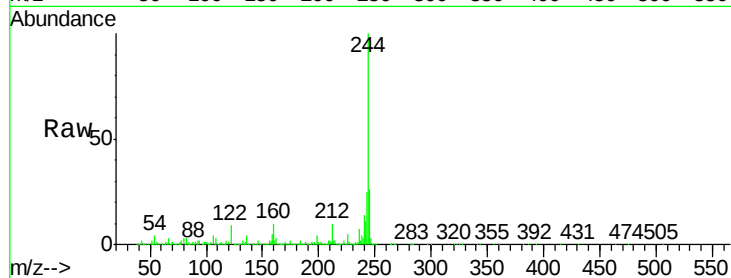
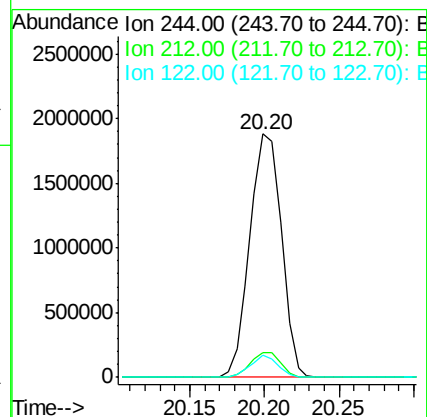
BNA_G

ClientSampleId :

SB-111-20.5-21.0

Tot Ion:244 Resp: 2755241

Ion	Ratio	Lower	Upper
244	100		
212	10.3	10.0	15.0
122	9.1	8.6	12.8



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.34 min Scan# 3830

Delta R.T. -0.03 min

Lab File: BG024744.D

Acq: 8 Nov 2016 00:54

Tgt Ion:264 Resp: 1053701

Ion	Ratio	Lower	Upper
264	100		
260	22.6	21.8	32.8
265	20.9	18.2	27.4

