

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110316\
 Data File : BG024653.D
 Acq On : 3 Nov 2016 15:09
 Operator : UM/SJ
 Sample : H5493-26
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-6(6-8)

Quant Time: Nov 03 18:27:38 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

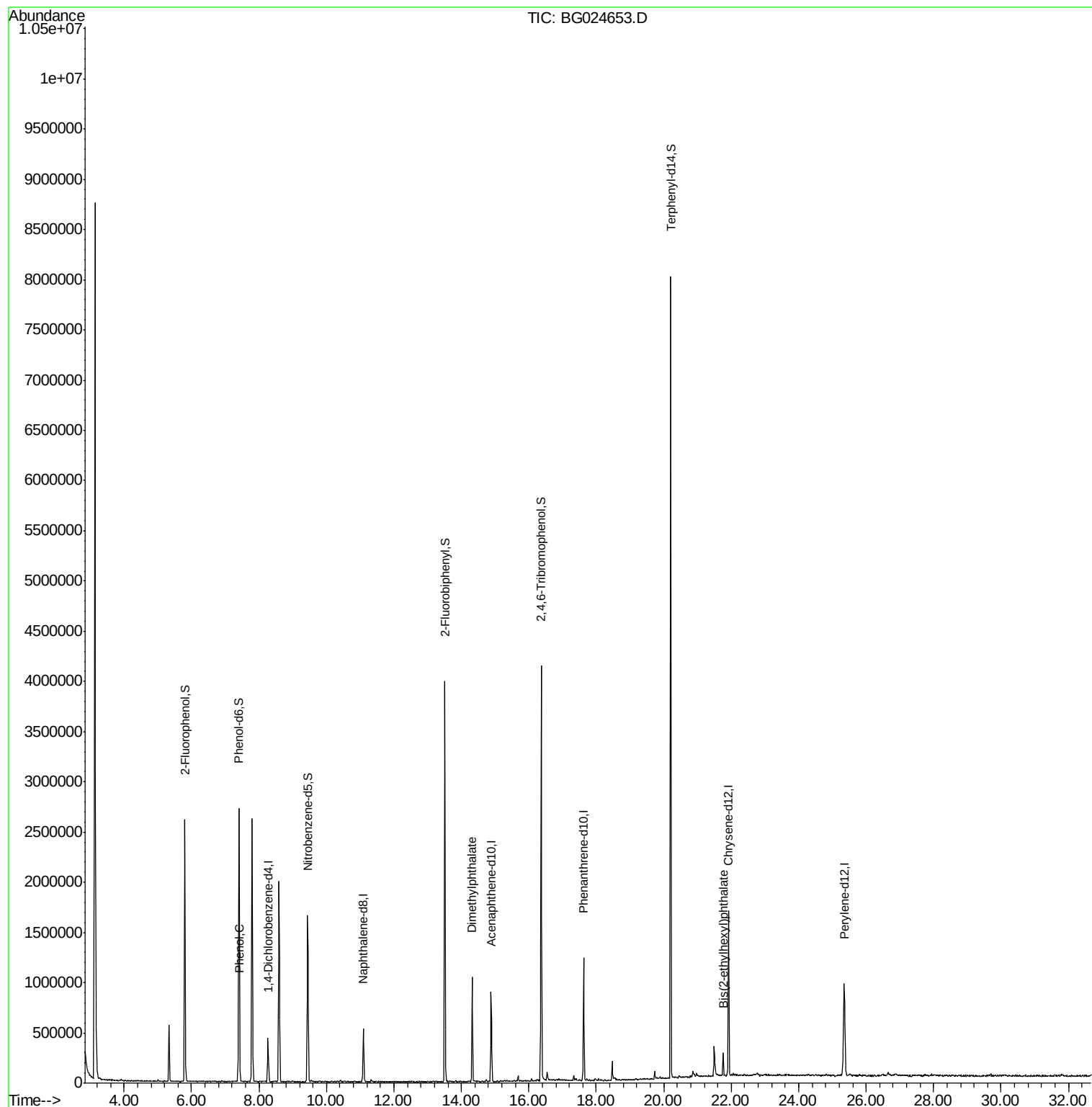
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	116627	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	448300	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	328429	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	757439	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1066613	20.00	ng	0.00
86) Perylene-d12	25.35	264	1112516	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	1054377	148.17	ng	0.00
7) Phenol-d6	7.41	99	1485329	152.17	ng	0.00
23) Nitrobenzene-d5	9.45	82	1057059	107.36	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	821191	167.37	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	2052890	103.89	ng	0.00
78) Terphenyl-d14	20.20	244	3299146	92.43	ng	0.00
Target Compounds						
10) Phenol	7.43	94	25286	2.51	ng	82
49) Dimethylphthalate	14.32	163	664057	28.48	ng	98
83) Bis(2-ethylhexyl)phthalate	21.76	149	90719	2.92	ng	# 97

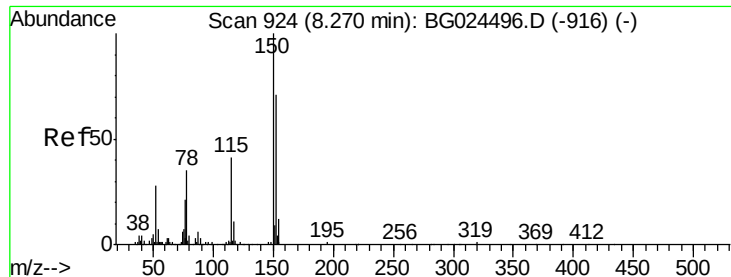
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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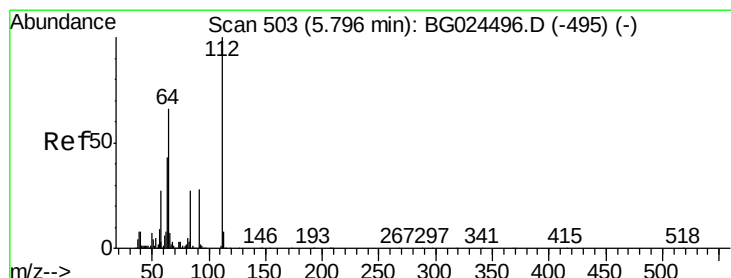
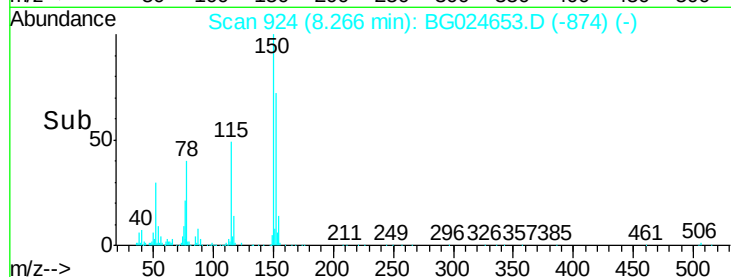
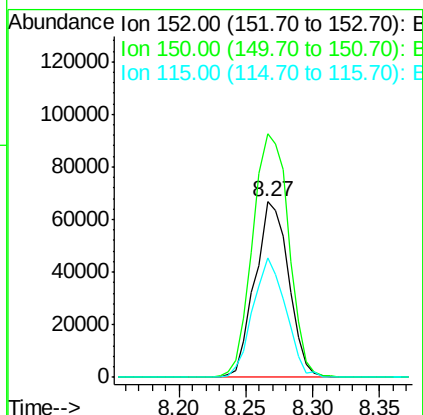
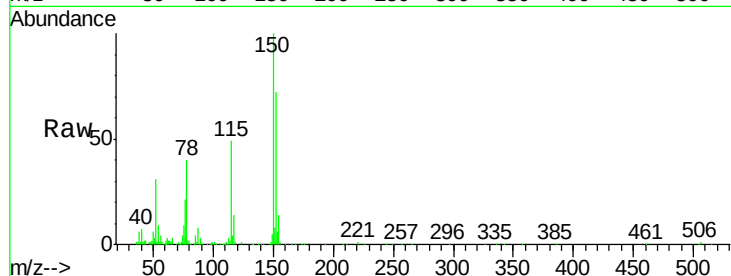


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.27 min Scan# 924
Delta R.T. -0.00 min
Lab File: BG024653.D
Acq: 3 Nov 2016 15:09

Instrument :
BNA_G
ClientSampleId :
SB-6(6-8)

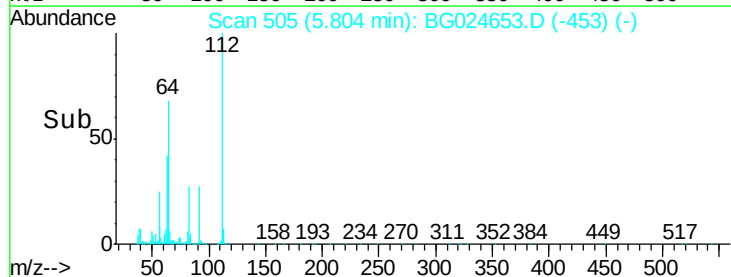
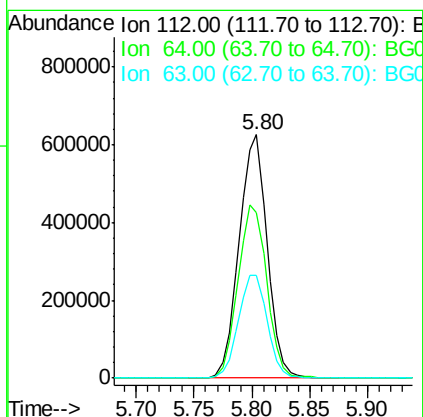
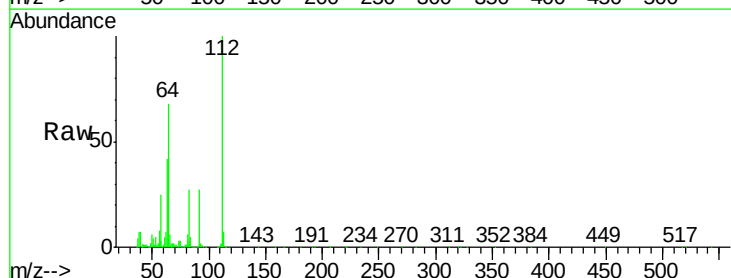
Tgt Ion:152 Resp: 116627
Ion Ratio Lower Upper
152 100
150 138.9 114.0 171.0
115 67.9 48.1 72.1

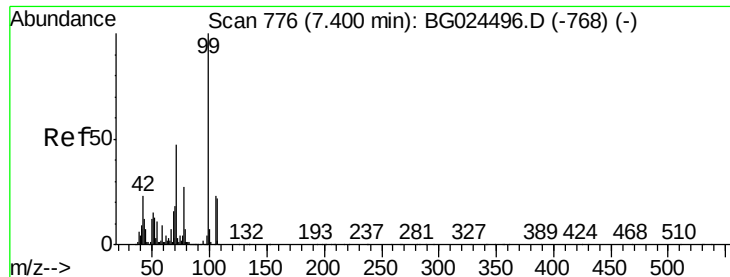


#5

2-Fluorophenol
Concen: 148.17 ng
RT: 5.80 min Scan# 505
Delta R.T. 0.01 min
Lab File: BG024653.D
Acq: 3 Nov 2016 15:09

Tgt Ion:112 Resp: 1054377
Ion Ratio Lower Upper
112 100
64 68.2 61.8 92.6
63 42.3 37.2 55.8





#7

Phenol-d6

Concen: 152.17 ng

RT: 7.41 min Scan# 778

Delta R.T. 0.01 min

Lab File: BG024653.D

Acq: 3 Nov 2016 15:09

Instrument :

BNA_G

ClientSampleId :

SB-6(6-8)

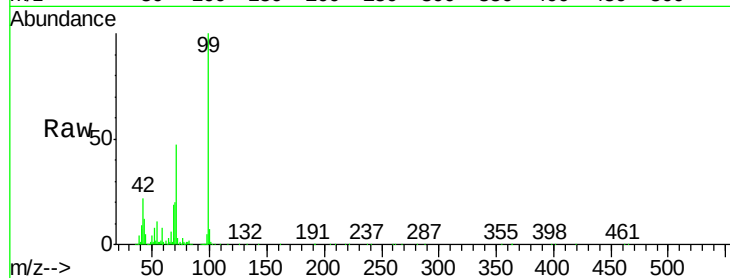
Tgt Ion: 99 Resp: 1485329

Ion Ratio Lower Upper

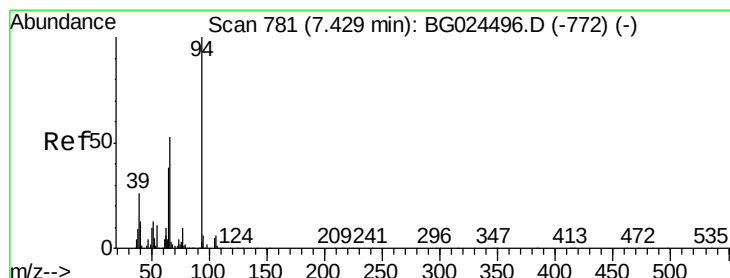
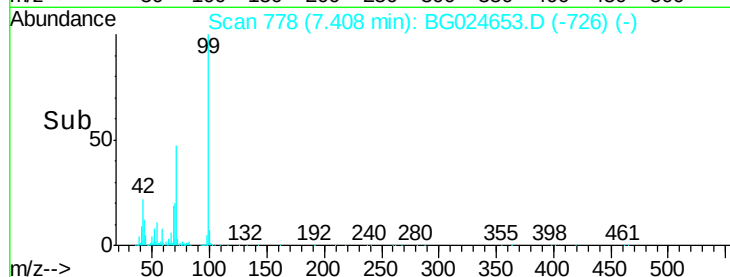
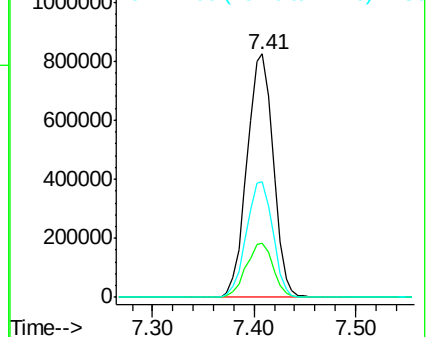
99 100

42 22.0 20.5 30.7

71 47.5 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: 2.51 ng

RT: 7.43 min Scan# 782

Delta R.T. 0.00 min

Lab File: BG024653.D

Acq: 3 Nov 2016 15:09

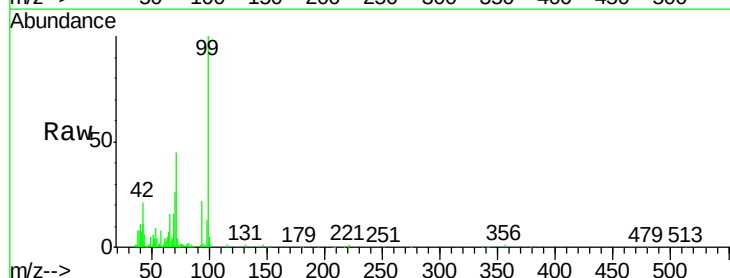
Tgt Ion: 94 Resp: 25286

Ion Ratio Lower Upper

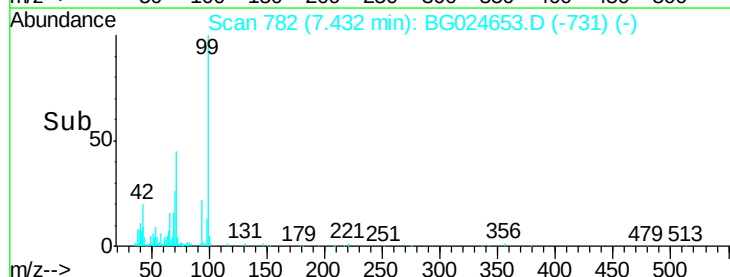
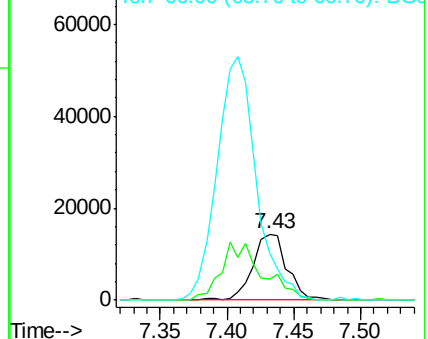
94 100

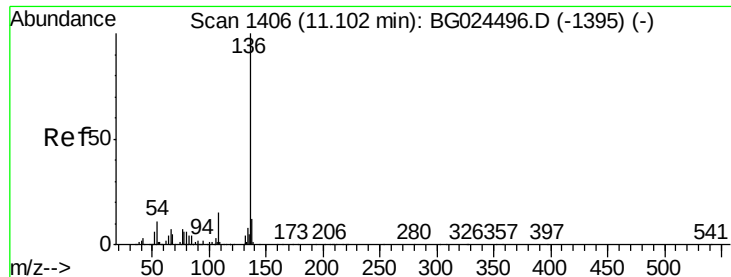
65 31.5 20.6 60.6

66 70.0 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: 11.10 min Scan# 1406

Delta R.T. -0.00 min

Lab File: BG024653.D

Acq: 3 Nov 2016 15:09

Instrument :

BNA_G

ClientSampleId :

SB-6(6-8)

Tgt Ion: 136 Resp: 448300

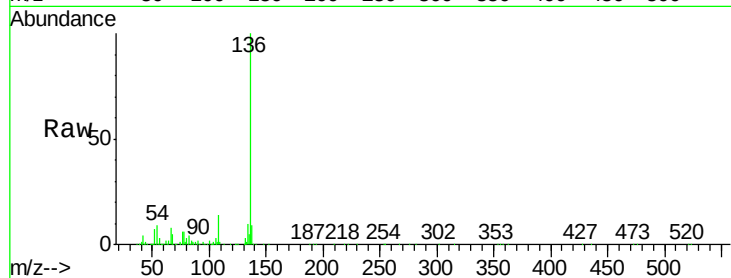
Ion Ratio Lower Upper

136 100

137 8.7 8.9 13.3#

54 9.0 9.3 13.9#

68 5.4 5.1 7.7

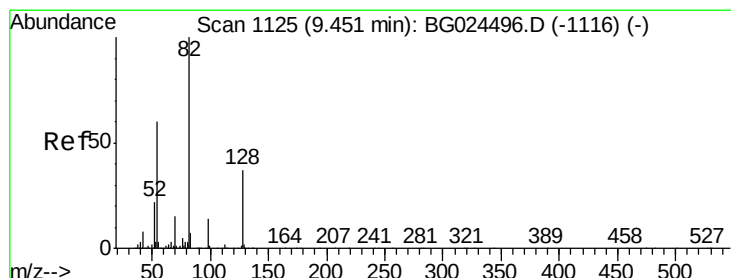
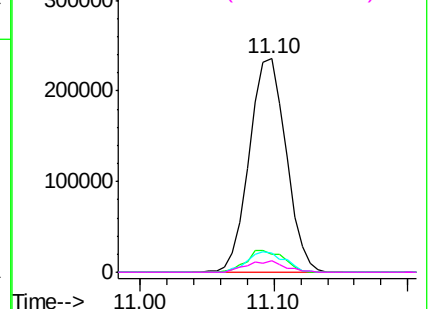
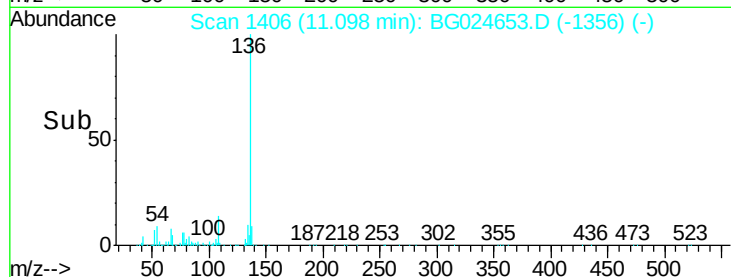


Abundance Ion 136.00 (135.70 to 136.70): E

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: 107.36 ng

RT: 9.45 min Scan# 1125

Delta R.T. -0.00 min

Lab File: BG024653.D

Acq: 3 Nov 2016 15:09

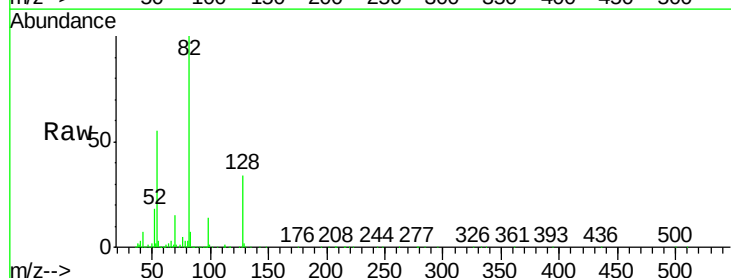
Tgt Ion: 82 Resp: 1057059

Ion Ratio Lower Upper

82 100

128 34.0 26.4 39.6

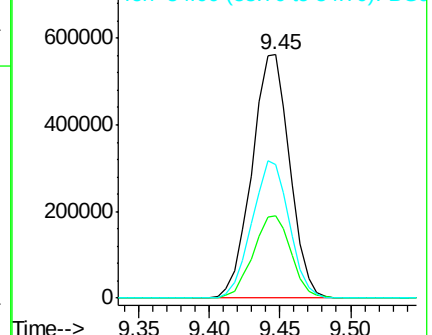
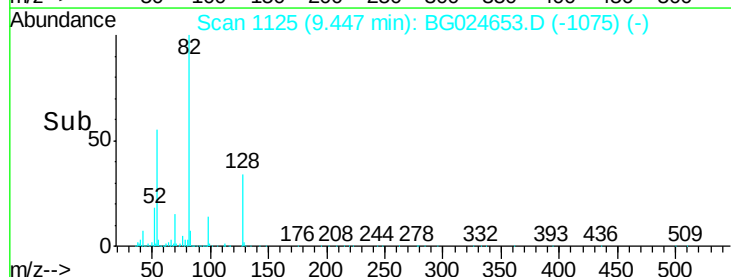
54 54.7 49.4 74.2

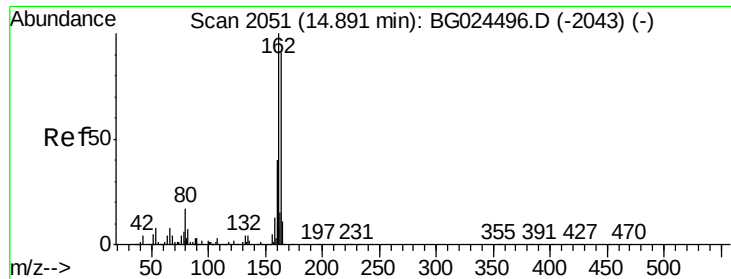


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.88 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BG024653.D

Acq: 3 Nov 2016 15:09

Instrument :

BNA_G

ClientSampleId :

SB-6(6-8)

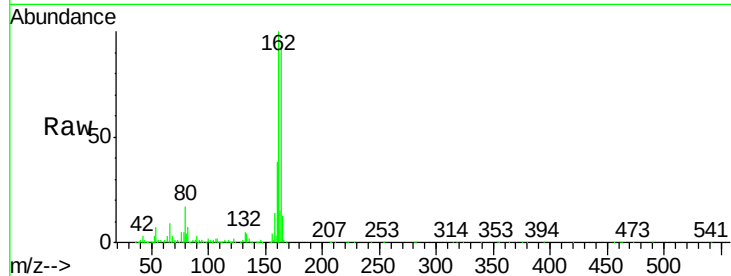
Tgt Ion:164 Resp: 328429

Ion Ratio Lower Upper

164 100

162 108.4 85.1 127.7

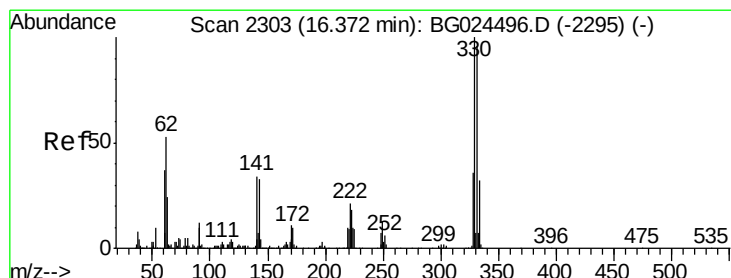
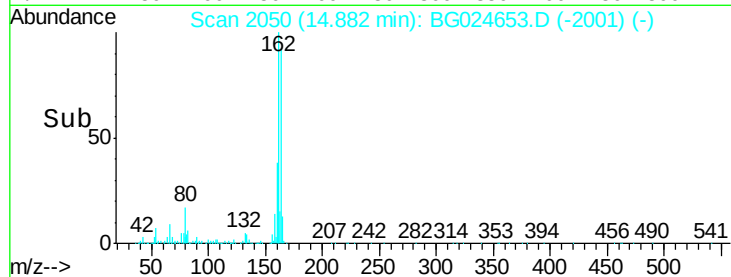
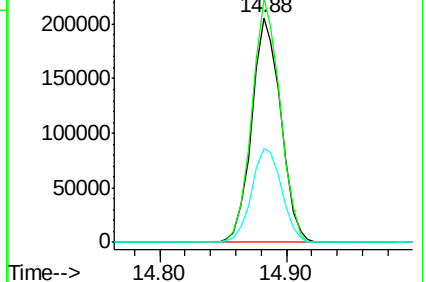
160 41.6 34.7 52.1



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: 167.37 ng

RT: 16.37 min Scan# 2303

Delta R.T. -0.00 min

Lab File: BG024653.D

Acq: 3 Nov 2016 15:09

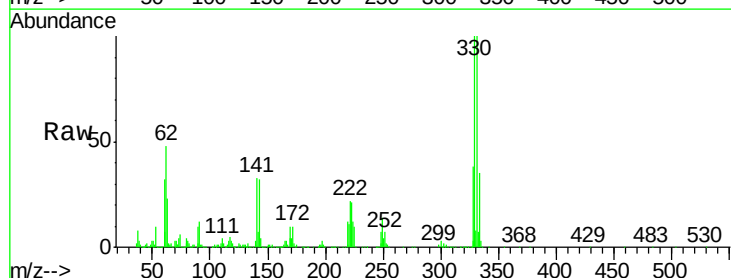
Tgt Ion:330 Resp: 821191

Ion Ratio Lower Upper

330 100

332 98.5 77.3 115.9

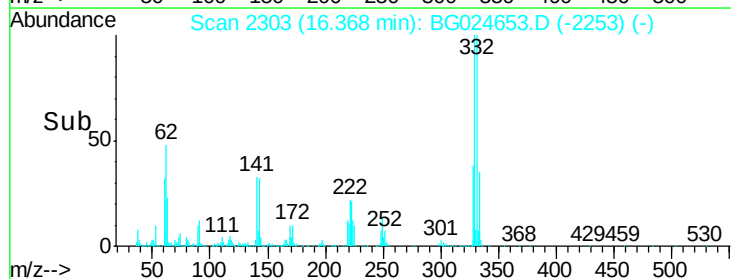
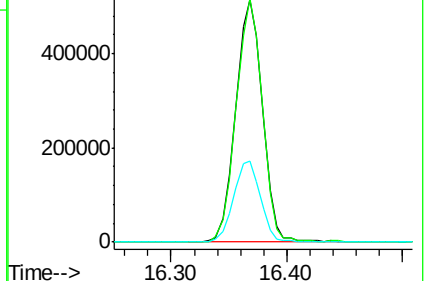
141 33.6 32.1 48.1

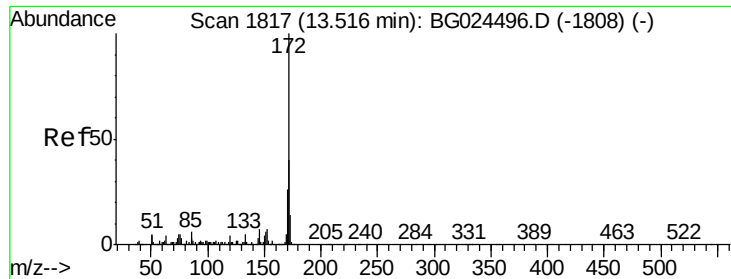


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

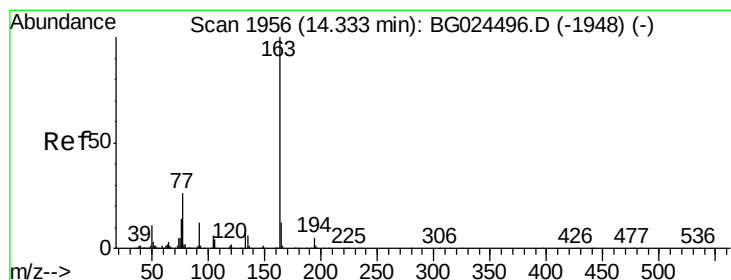
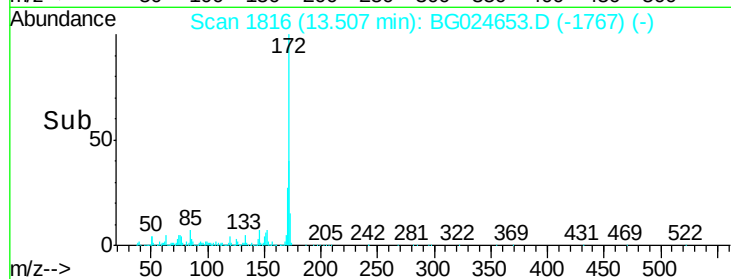
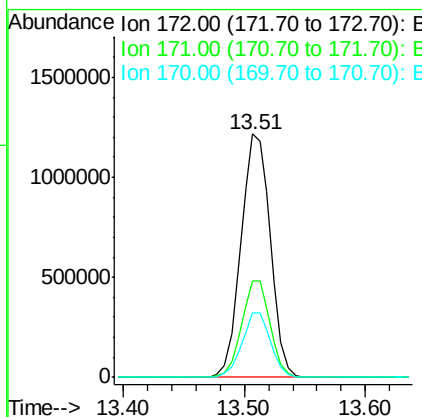
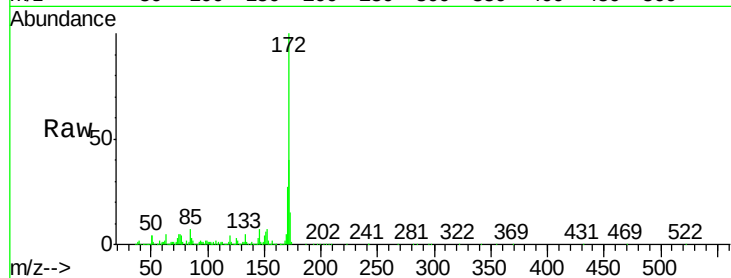




#44
2-Fluorobiphenyl
Concen: 103.89 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG024653.D
Acq: 3 Nov 2016 15:09

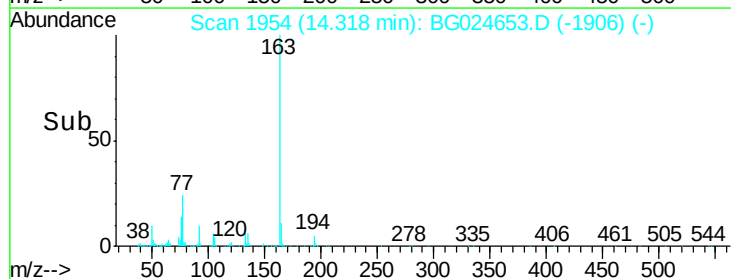
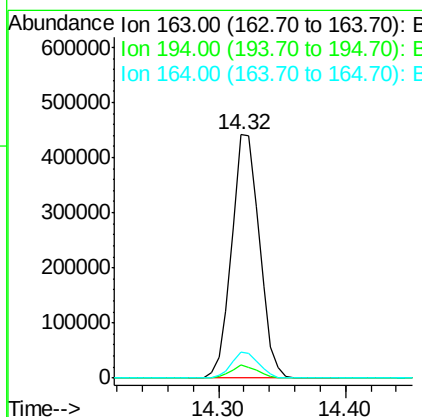
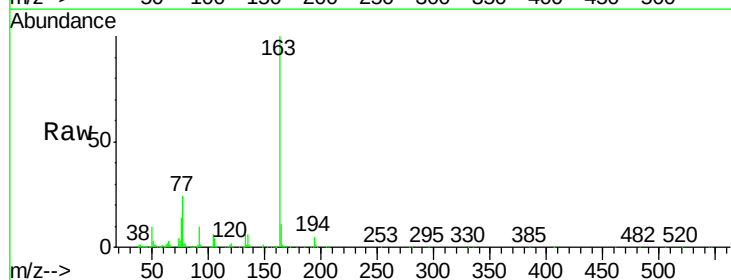
Instrument :
BNA_G
ClientSampleId :
SB-6(6-8)

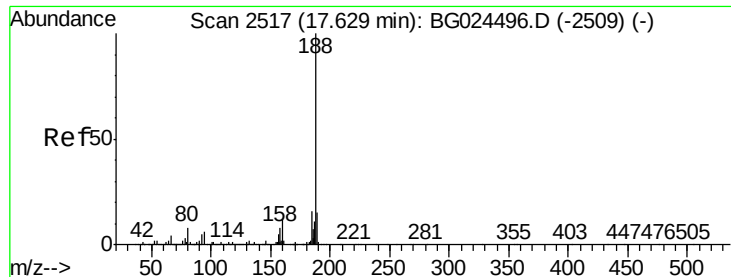
Tgt Ion:172 Resp: 2052890
Ion Ratio Lower Upper
172 100
171 39.7 32.2 48.2
170 26.7 21.8 32.6



#49
Dimethylphthalate
Concen: 28.48 ng
RT: 14.32 min Scan# 1954
Delta R.T. -0.02 min
Lab File: BG024653.D
Acq: 3 Nov 2016 15:09

Tgt Ion:163 Resp: 664057
Ion Ratio Lower Upper
163 100
194 5.2 3.8 5.6
164 10.9 9.3 13.9

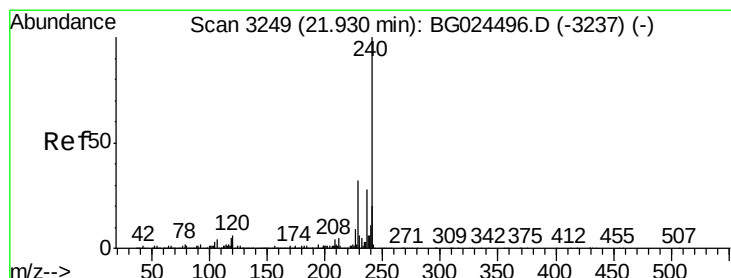
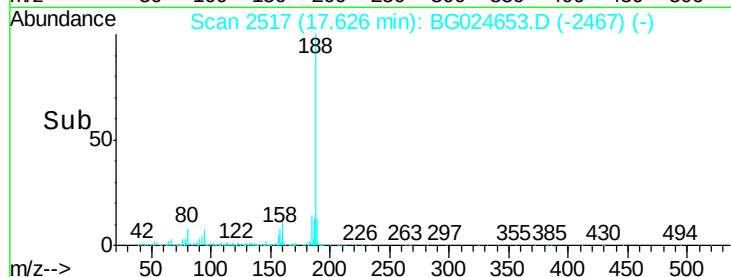
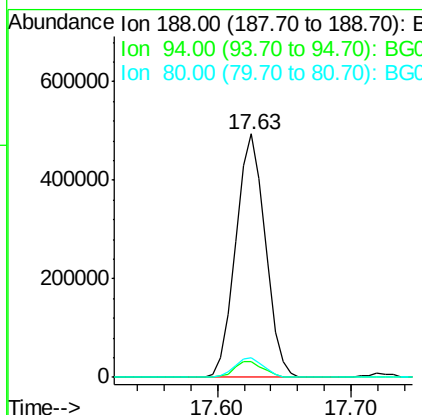
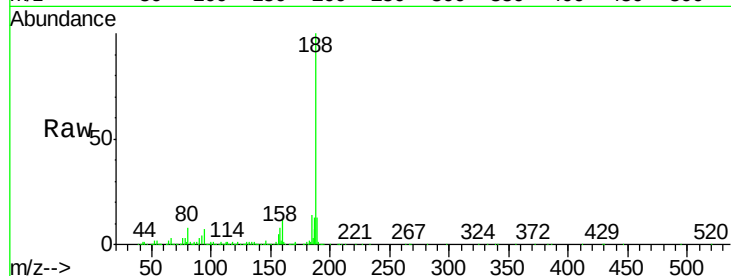




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.63 min Scan# 2517
Delta R.T. -0.00 min
Lab File: BG024653.D
Acq: 3 Nov 2016 15:09

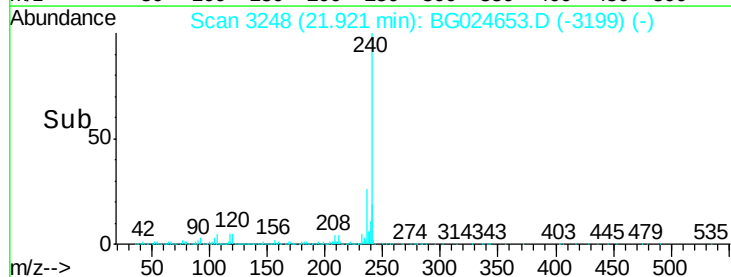
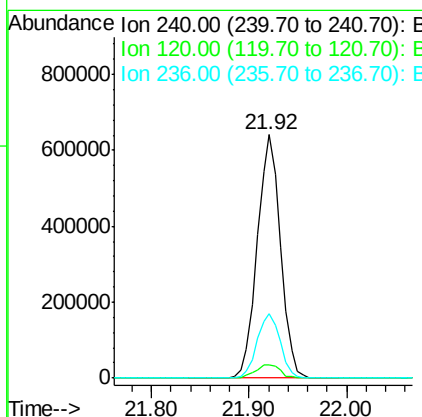
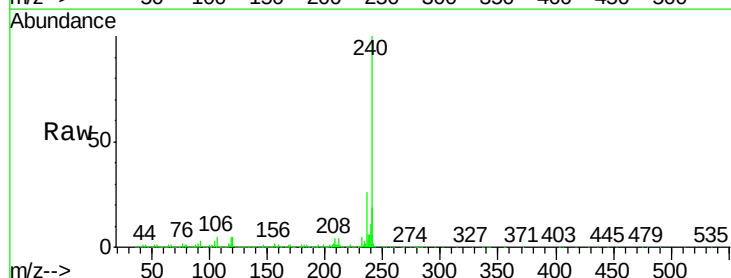
Instrument :
BNA_G
ClientSampleId :
SB-6(6-8)

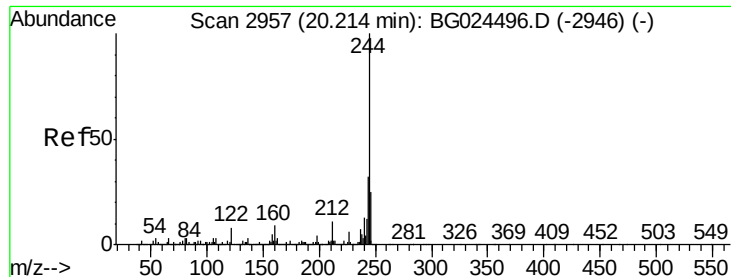
Tgt Ion:188 Resp: 757439
Ion Ratio Lower Upper
188 100
94 6.5 5.8 8.8
80 8.0 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3248
Delta R.T. -0.01 min
Lab File: BG024653.D
Acq: 3 Nov 2016 15:09

Tgt Ion:240 Resp: 1066613
Ion Ratio Lower Upper
240 100
120 5.3 5.7 8.5#
236 26.3 22.2 33.4





#78

Terphenyl-d14

Concen: 92.43 ng

RT: 20.20 min Scan# 2956

Delta R.T. -0.01 min

Lab File: BG024653.D

Acq: 3 Nov 2016 15:09

Instrument :

BNA_G

ClientSampleId :

SB-6(6-8)

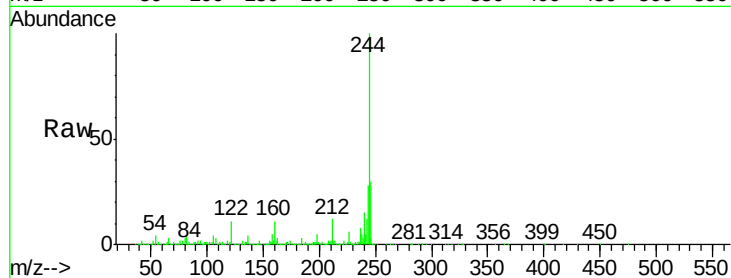
Tgt Ion:244 Resp: 3299146

Ion Ratio Lower Upper

244 100

212 12.3 10.0 15.0

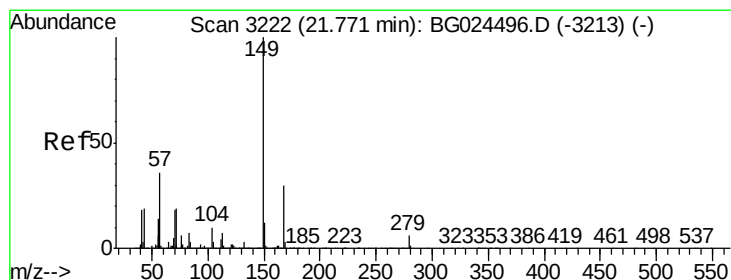
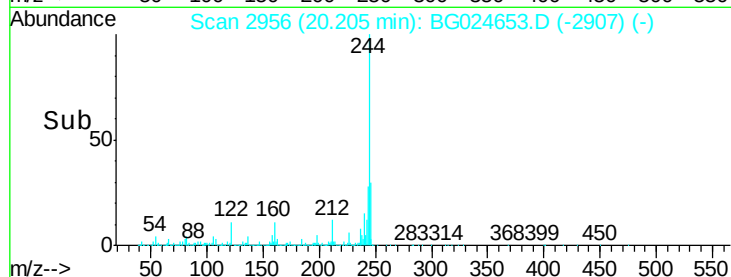
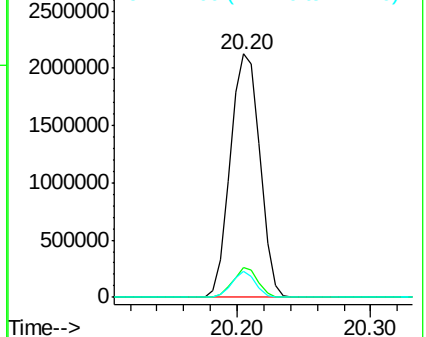
122 10.6 8.6 12.8



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.92 ng

RT: 21.76 min Scan# 3221

Delta R.T. -0.01 min

Lab File: BG024653.D

Acq: 3 Nov 2016 15:09

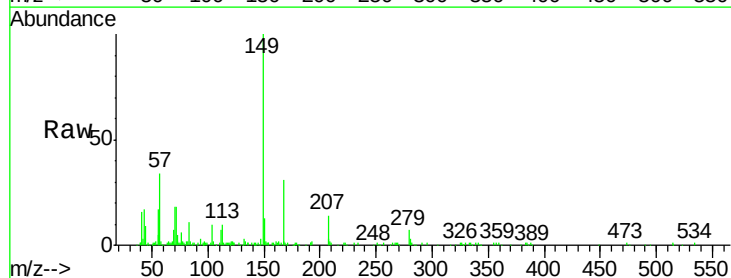
Tgt Ion:149 Resp: 90719

Ion Ratio Lower Upper

149 100

167 31.0 23.7 35.5

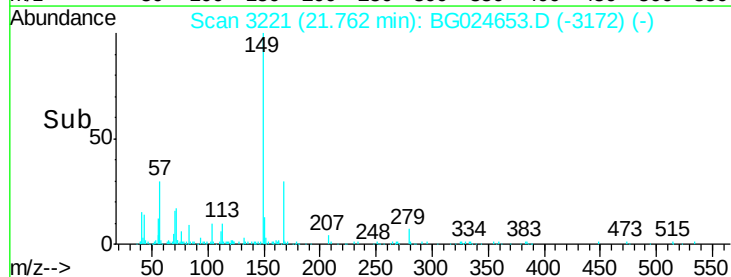
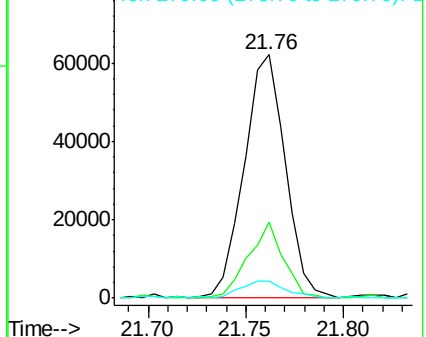
279 7.2 4.6 6.8#

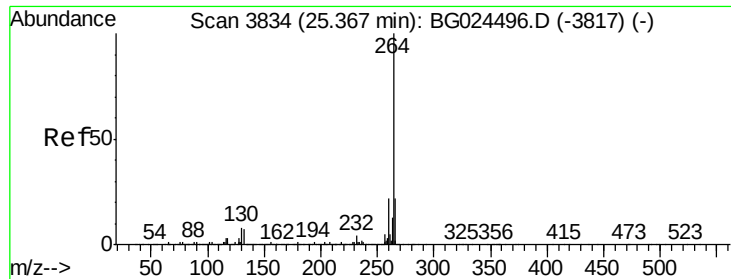


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.35 min Scan# 3831
Delta R.T. -0.02 min
Lab File: BG024653.D
Acq: 3 Nov 2016 15:09

Instrument :
BNA_G
ClientSampleId :
SB-6(6-8)

Tgt Ion:264 Resp: 1112516

Ion	Ratio	Lower	Upper
264	100		
260	24.1	21.8	32.8
265	21.6	18.2	27.4

