

Data Path : Z:\HPCHEM1\BNA_G\Data\BG110316\
 Data File : BG024681.D
 Acq On : 4 Nov 2016 14:00
 Operator : UM/SJ
 Sample : H5502-18
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-87-15.5-16.0

Quant Time: Nov 04 14:35:25 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

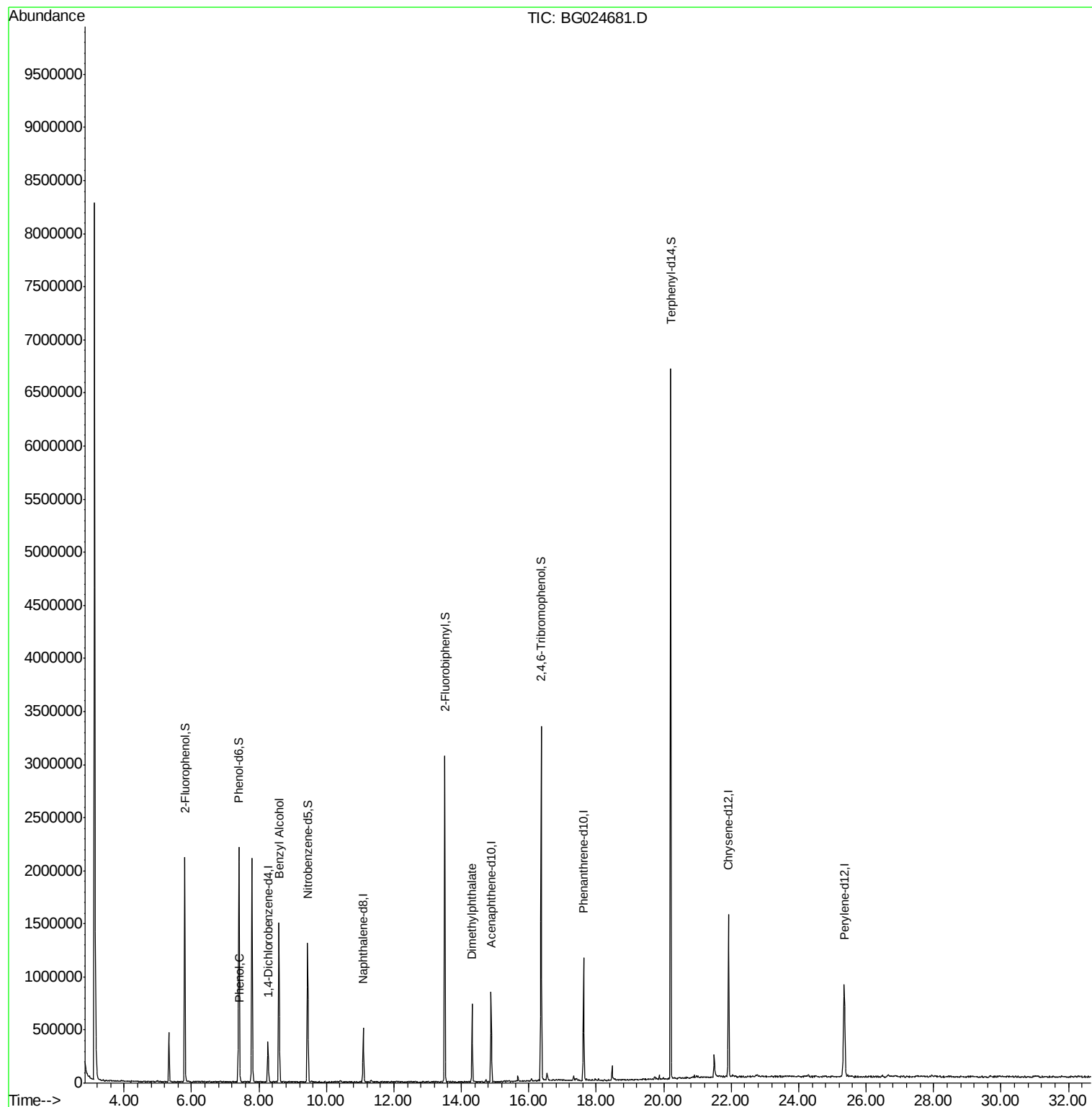
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	100352	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	395701	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	306118	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	745350	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1018129	20.00	ng	0.00
86) Perylene-d12	25.35	264	1048863	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	817674	133.55	ng	0.00
7) Phenol-d6	7.40	99	1179261	140.41	ng	0.00
23) Nitrobenzene-d5	9.44	82	812828	93.52	ng	0.00
41) 2,4,6-Tribromophenol	16.36	330	681184	148.95	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1580456	85.81	ng	0.00
78) Terphenyl-d14	20.21	244	2801678	82.23	ng	0.00
Target Compounds						
10) Phenol	7.43	94	18185	2.10	ng	Qvalue 86
15) Benzyl Alcohol	8.59	79	15702	2.01	ng	# 89
49) Dimethylphthalate	14.32	163	456199	20.99	ng	96

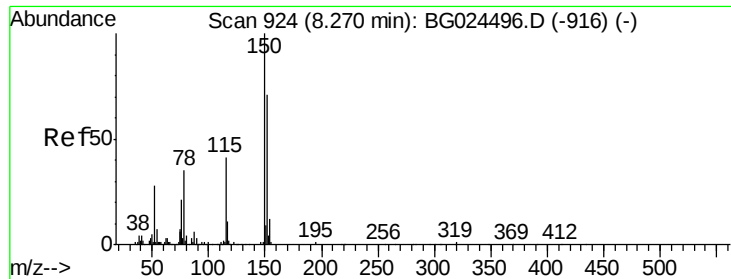
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG024681.D

Acq: 4 Nov 2016 14:00

Instrument :

BNA_G

ClientSampleId :

SB-87-15.5-16.0

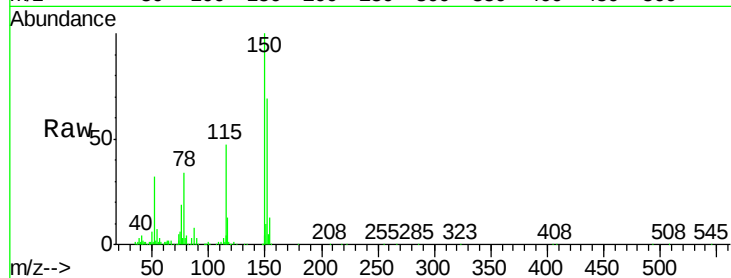
Tgt Ion:152 Resp: 100352

Ion Ratio Lower Upper

152 100

150 144.1 114.0 171.0

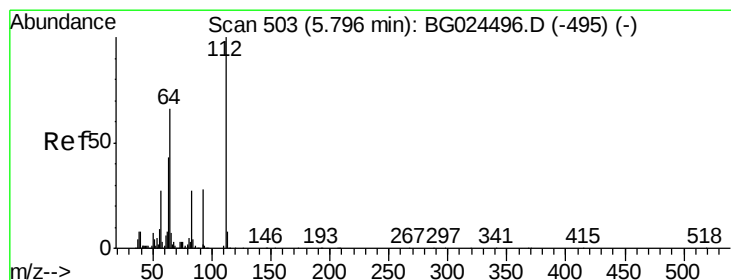
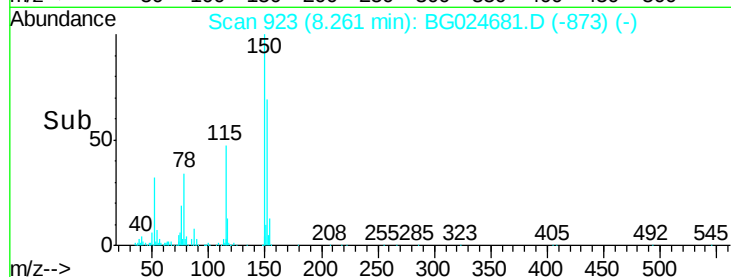
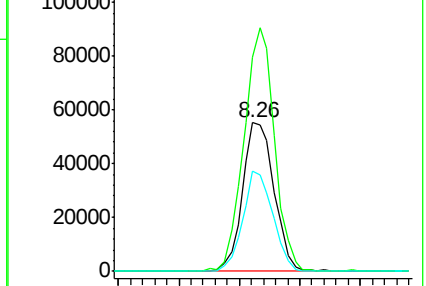
115 67.4 48.1 72.1



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: 133.55 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.00 min

Lab File: BG024681.D

Acq: 4 Nov 2016 14:00

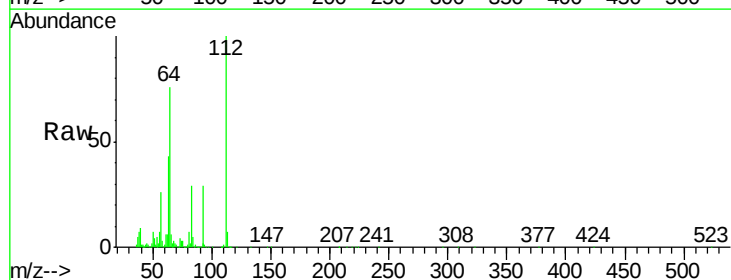
Tgt Ion:112 Resp: 817674

Ion Ratio Lower Upper

112 100

64 76.1 61.8 92.6

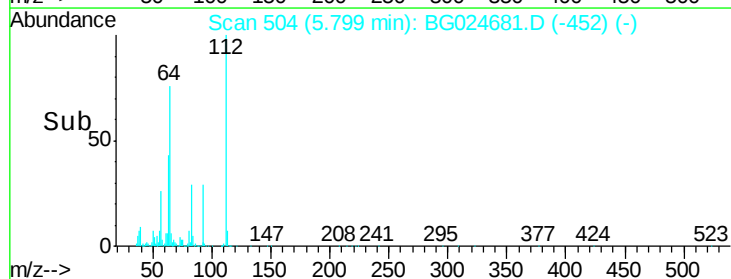
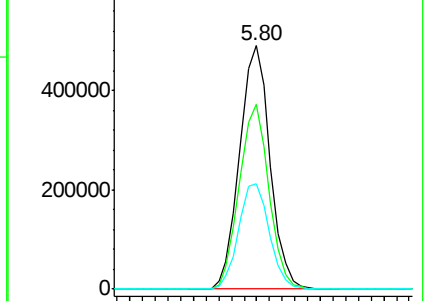
63 43.2 37.2 55.8



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: 140.41 ng

RT: 7.40 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG024681.D

Acq: 4 Nov 2016 14:00

Instrument :

BNA_G

ClientSampleId :

SB-87-15.5-16.0

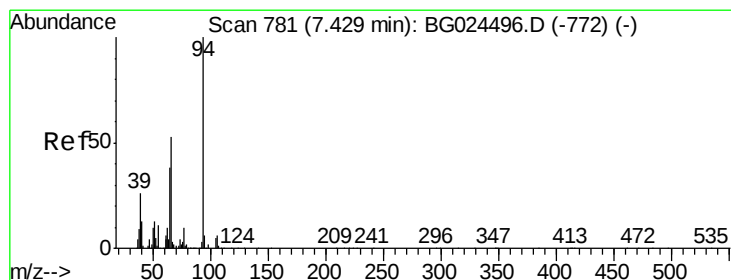
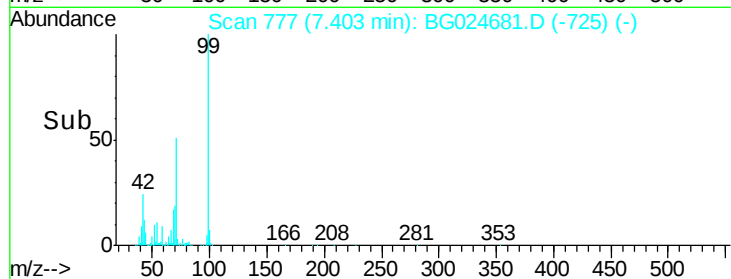
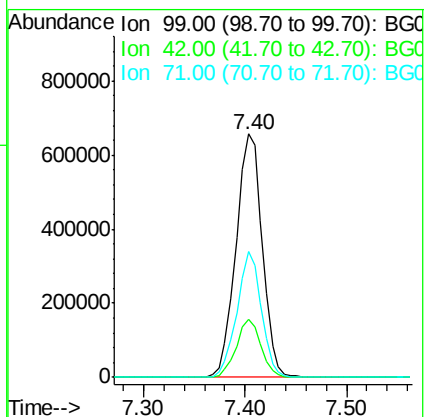
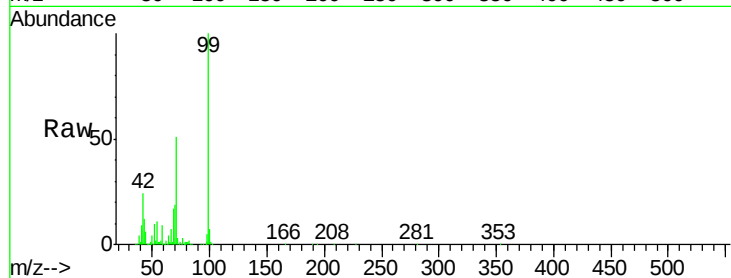
Tgt Ion: 99 Resp: 1179261

Ion Ratio Lower Upper

99 100

42 23.7 20.5 30.7

71 51.4 37.6 56.4



#10

Phenol

Concen: 2.10 ng

RT: 7.43 min Scan# 782

Delta R.T. 0.00 min

Lab File: BG024681.D

Acq: 4 Nov 2016 14:00

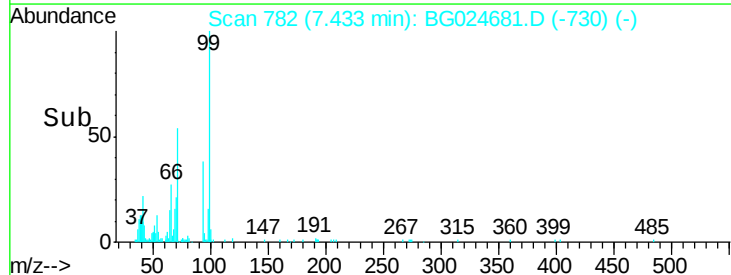
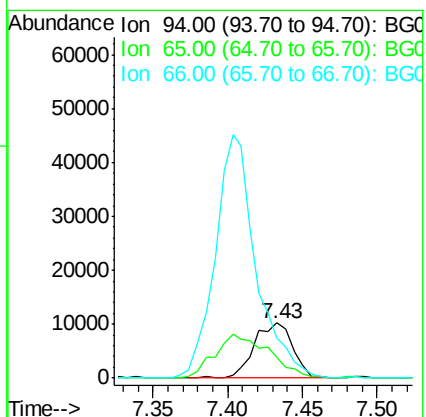
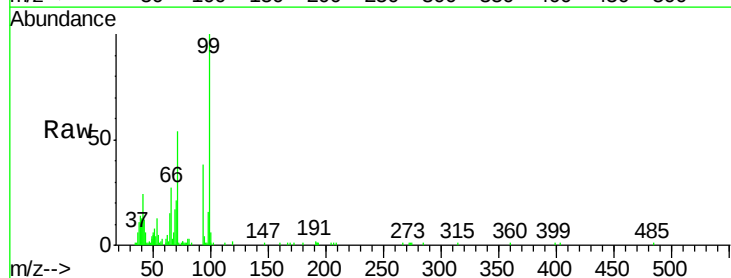
Tgt Ion: 94 Resp: 18185

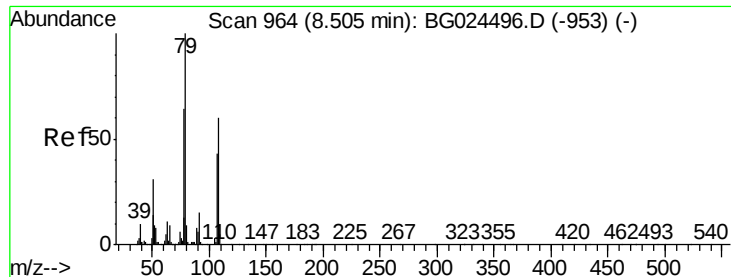
Ion Ratio Lower Upper

94 100

65 38.9 20.6 60.6

66 71.7 35.5 75.5





#15

Benzyl Alcohol

Concen: 2.01 ng

RT: 8.59 min Scan# 979

Delta R.T. 0.09 min

Lab File: BG024681.D

Acq: 4 Nov 2016 14:00

Instrument :

BNA_G

ClientSampleId :

SB-87-15.5-16.0

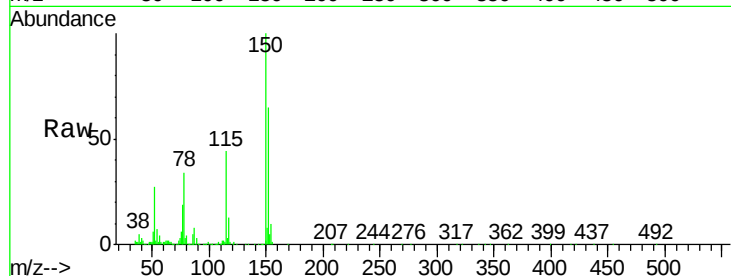
Tgt Ion: 79 Resp: 15702

Ion Ratio Lower Upper

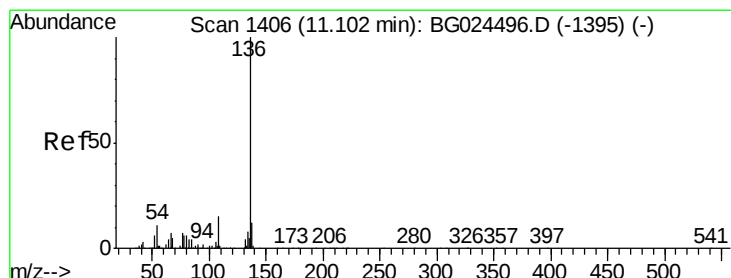
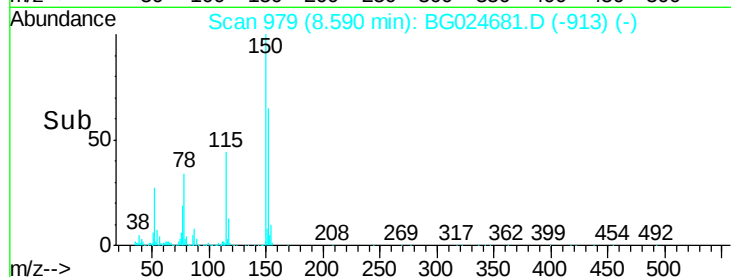
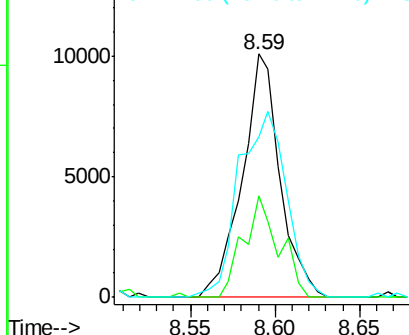
79 100

108 41.6 45.5 68.3#

77 65.7 54.3 81.5



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.09 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BG024681.D

Acq: 4 Nov 2016 14:00

Tgt Ion: 136 Resp: 395701

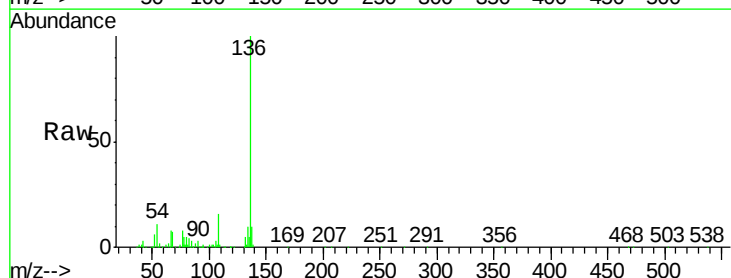
Ion Ratio Lower Upper

136 100

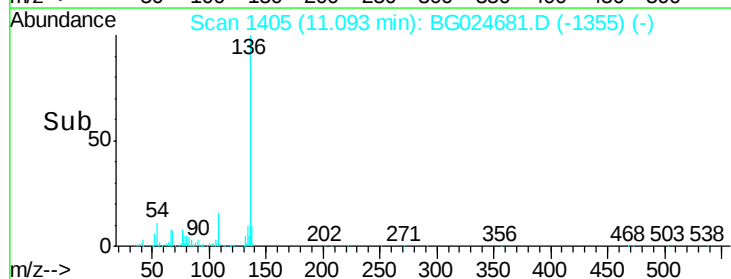
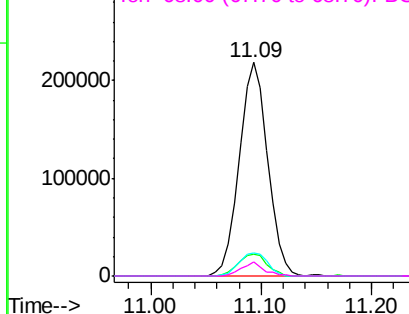
137 10.5 8.9 13.3

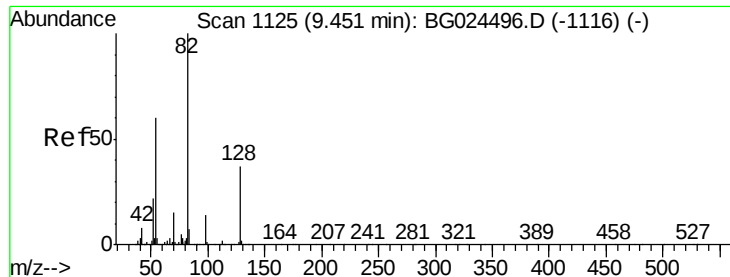
54 10.6 9.3 13.9

68 6.8 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

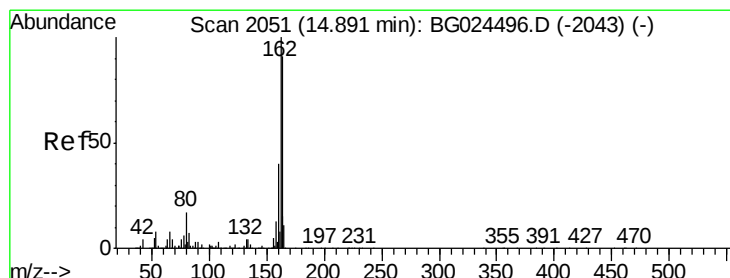
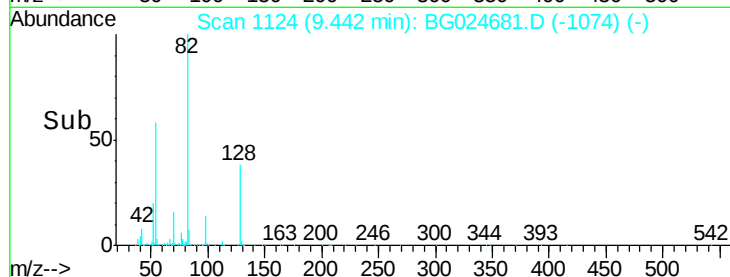
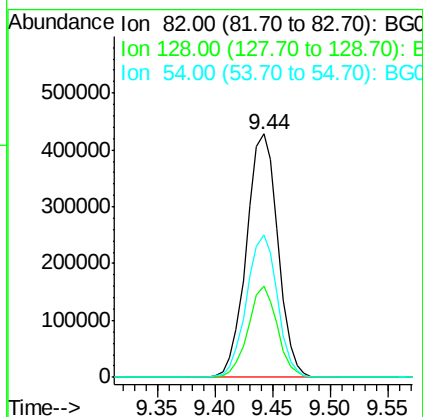
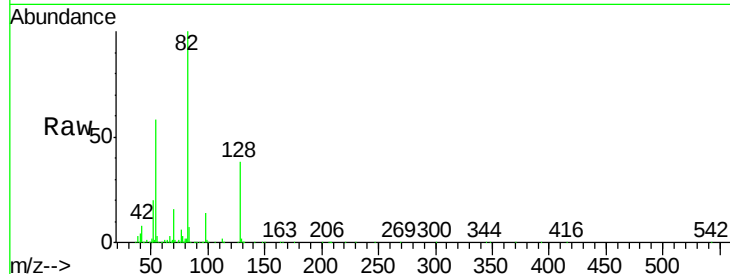




#23
 Nitrobenzene-d5
 Concen: 93.52 ng
 RT: 9.44 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BG024681.D
 Acq: 4 Nov 2016 14:00

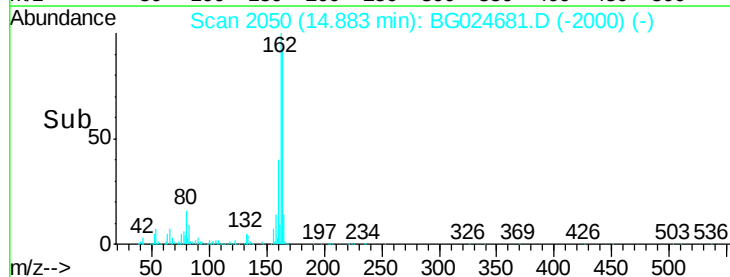
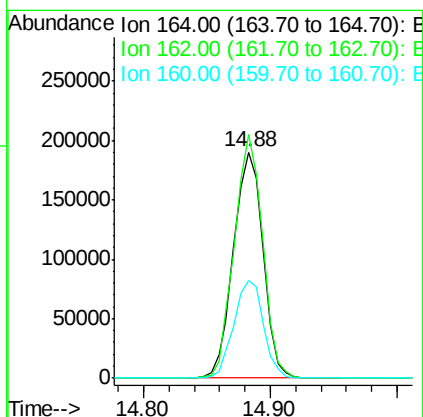
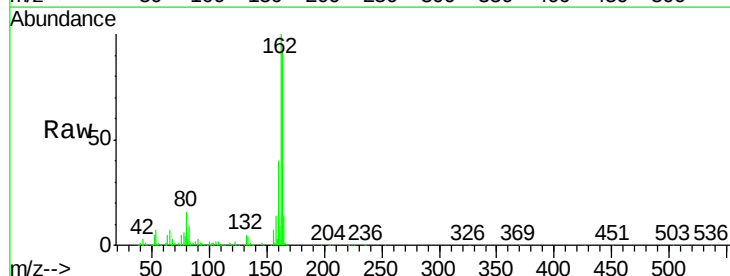
Instrument :
 BNA_G
 ClientSampleId :
 SB-87-15.5-16.0

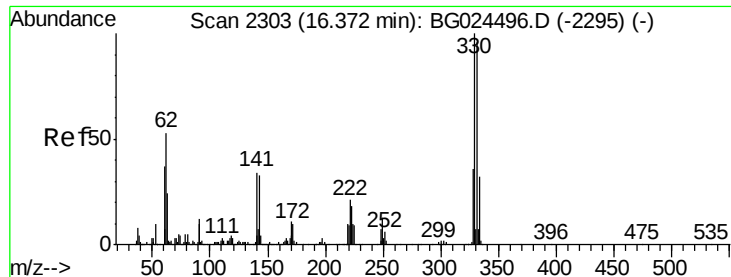
Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.6	26.4	39.6
54	58.4	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.88 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BG024681.D
 Acq: 4 Nov 2016 14:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.8	85.1	127.7
160	43.0	34.7	52.1

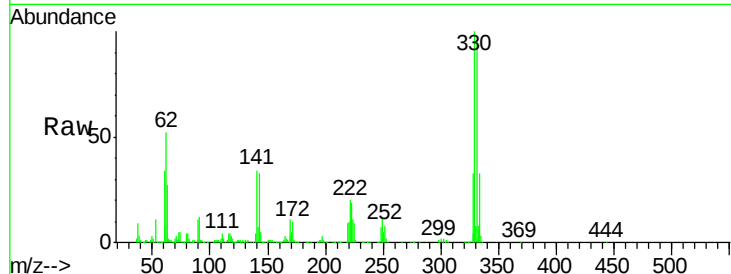




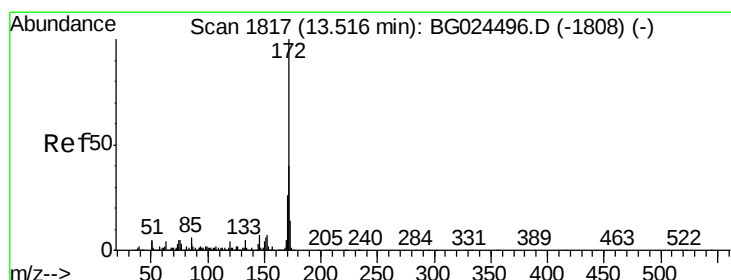
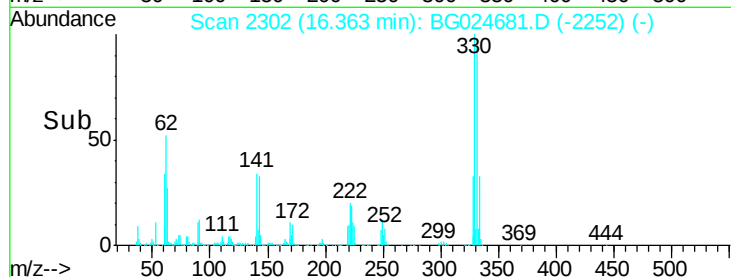
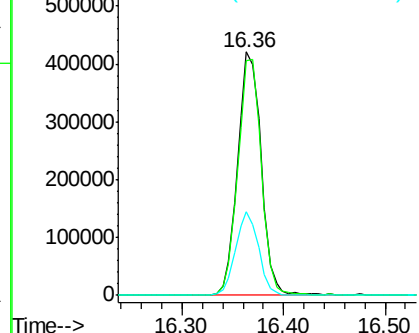
#41
 2,4,6-Tribromophenol
 Concen: 148.95 ng
 RT: 16.36 min Scan# 2302
 Delta R.T. -0.01 min
 Lab File: BG024681.D
 Acq: 4 Nov 2016 14:00

Instrument :
 BNA_G
 ClientSampleId :
 SB-87-15.5-16.0

Tgt Ion:330 Resp: 681184
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.3 115.9
 141 33.5 32.1 48.1

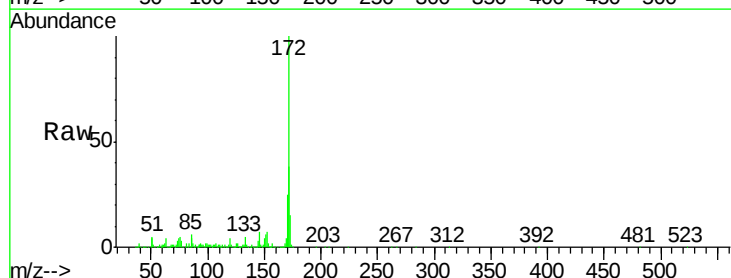


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

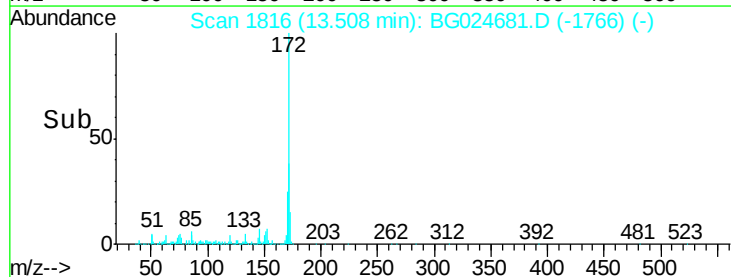
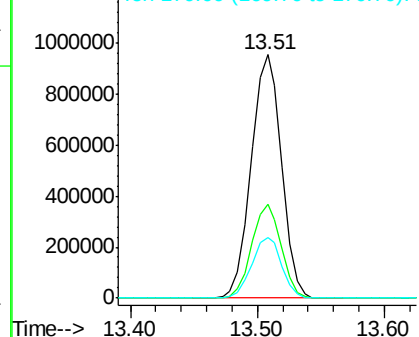


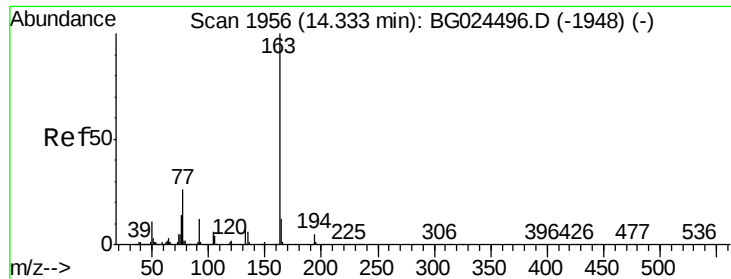
#44
 2-Fluorobiphenyl
 Concen: 85.81 ng
 RT: 13.51 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BG024681.D
 Acq: 4 Nov 2016 14:00

Tgt Ion:172 Resp: 1580456
 Ion Ratio Lower Upper
 172 100
 171 38.5 32.2 48.2
 170 24.8 21.8 32.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 20.99 ng

RT: 14.32 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BG024681.D

Acq: 4 Nov 2016 14:00

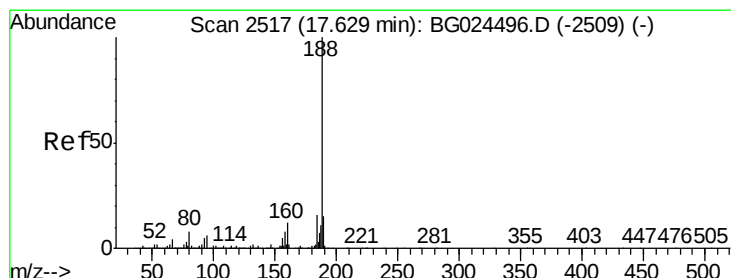
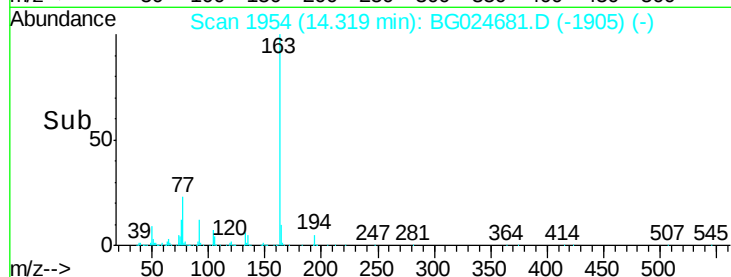
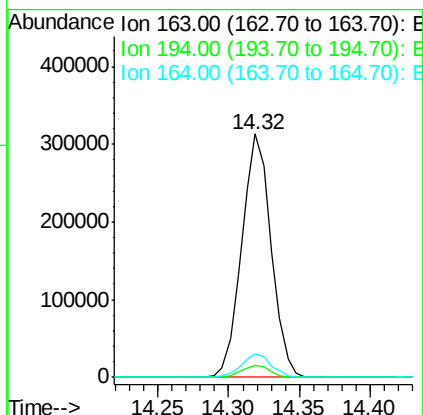
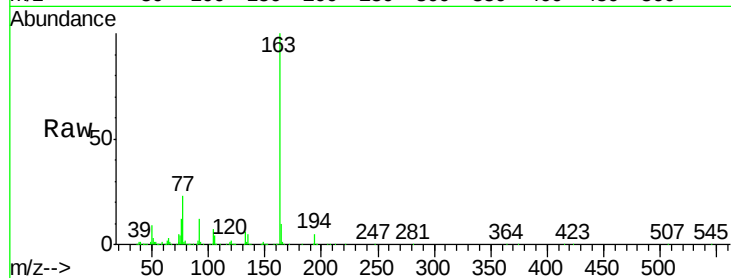
Instrument :

BNA_G

ClientSampleId :

SB-87-15.5-16.0

Tgt Ion:	163	Resp:	456199
Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.8	5.6
164	9.5	9.3	13.9



#63

Phenanthrene-d10

Concen: 20.00 ng

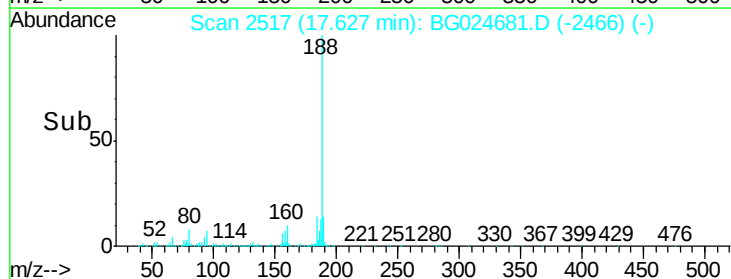
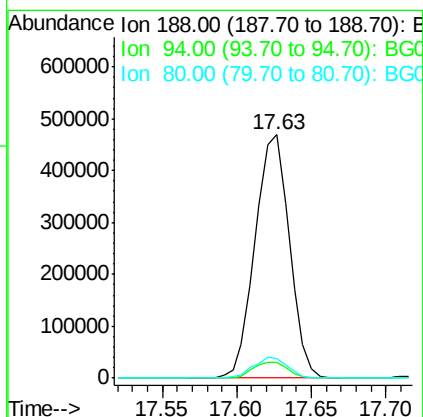
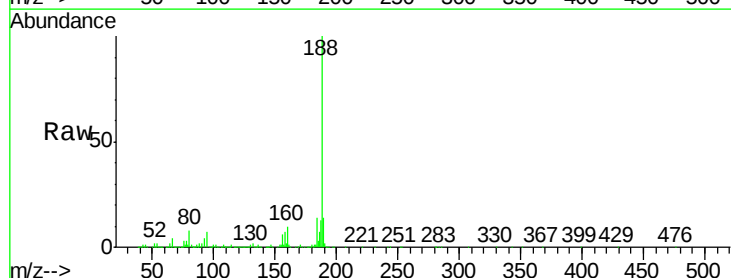
RT: 17.63 min Scan# 2517

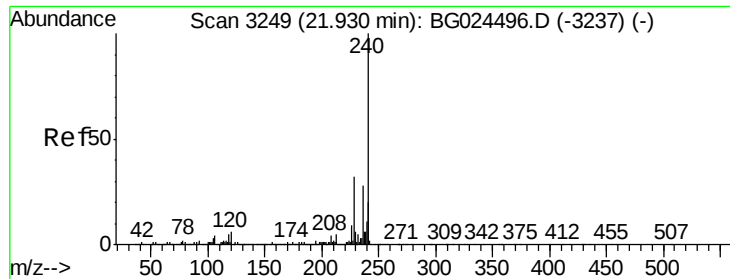
Delta R.T. -0.00 min

Lab File: BG024681.D

Acq: 4 Nov 2016 14:00

Tgt Ion:	188	Resp:	745350
Ion	Ratio	Lower	Upper
188	100		
94	6.5	5.8	8.8
80	8.3	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: BG024681.D

Acq: 4 Nov 2016 14:00

Instrument :

BNA_G

ClientSampleId :

SB-87-15.5-16.0

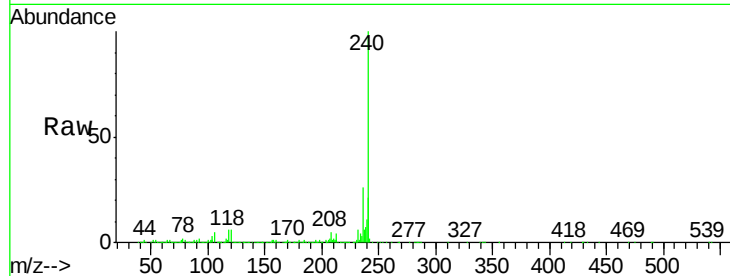
Tgt Ion:240 Resp: 1018129

Ion Ratio Lower Upper

240 100

120 5.7 5.7 8.5#

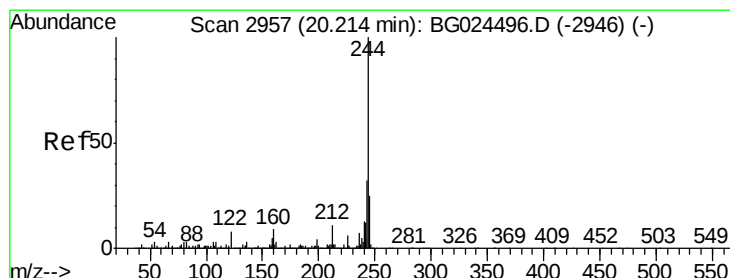
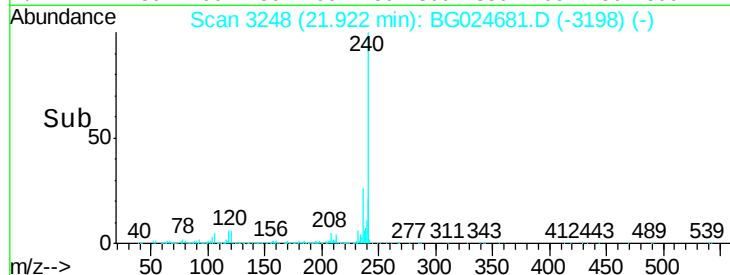
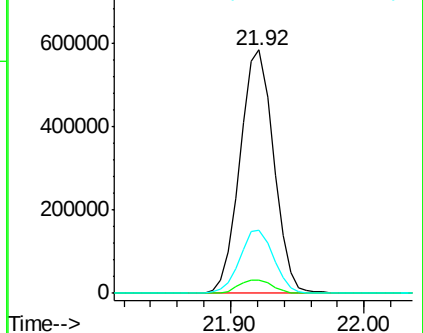
236 25.8 22.2 33.4



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: 82.23 ng

RT: 20.21 min Scan# 2956

Delta R.T. -0.01 min

Lab File: BG024681.D

Acq: 4 Nov 2016 14:00

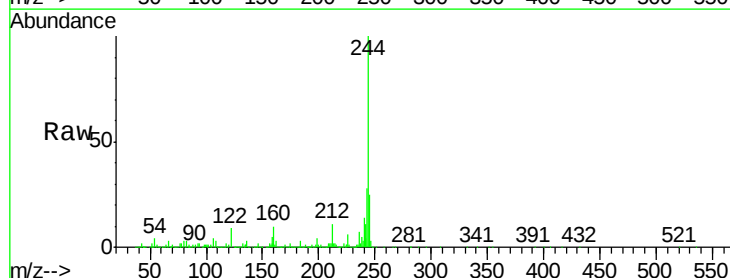
Tgt Ion:244 Resp: 2801678

Ion Ratio Lower Upper

244 100

212 11.1 10.0 15.0

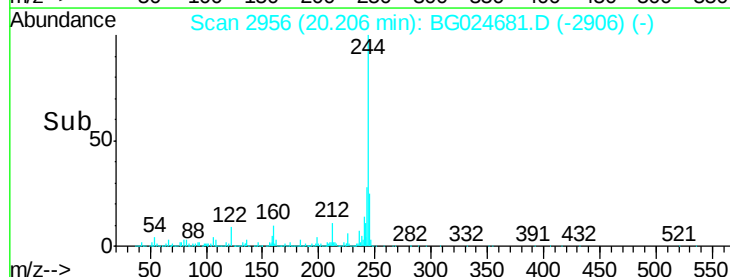
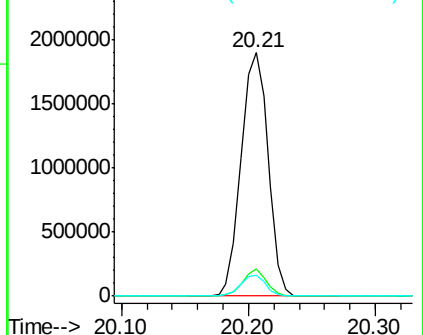
122 8.8 8.6 12.8

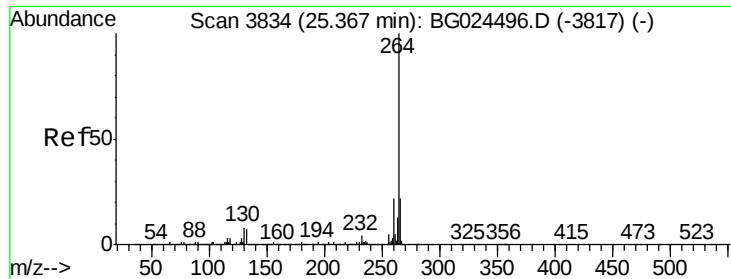


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.35 min Scan# 3832
Delta R.T. -0.01 min
Lab File: BG024681.D
Acq: 4 Nov 2016 14:00

Instrument :
BNA_G
ClientSampleId :
SB-87-15.5-16.0

Tgt Ion: 264 Resp: 1048863

Ion	Ratio	Lower	Upper
264	100		
260	25.4	21.8	32.8
265	22.8	18.2	27.4

