

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091616\
 Data File : BG023995.D
 Acq On : 16 Sep 2016 16:10
 Operator : UM/SJ
 Sample : PB93407BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB93407BL

Quant Time: Sep 17 00:07:25 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 09 16:24:09 2016
 Response via : Initial Calibration

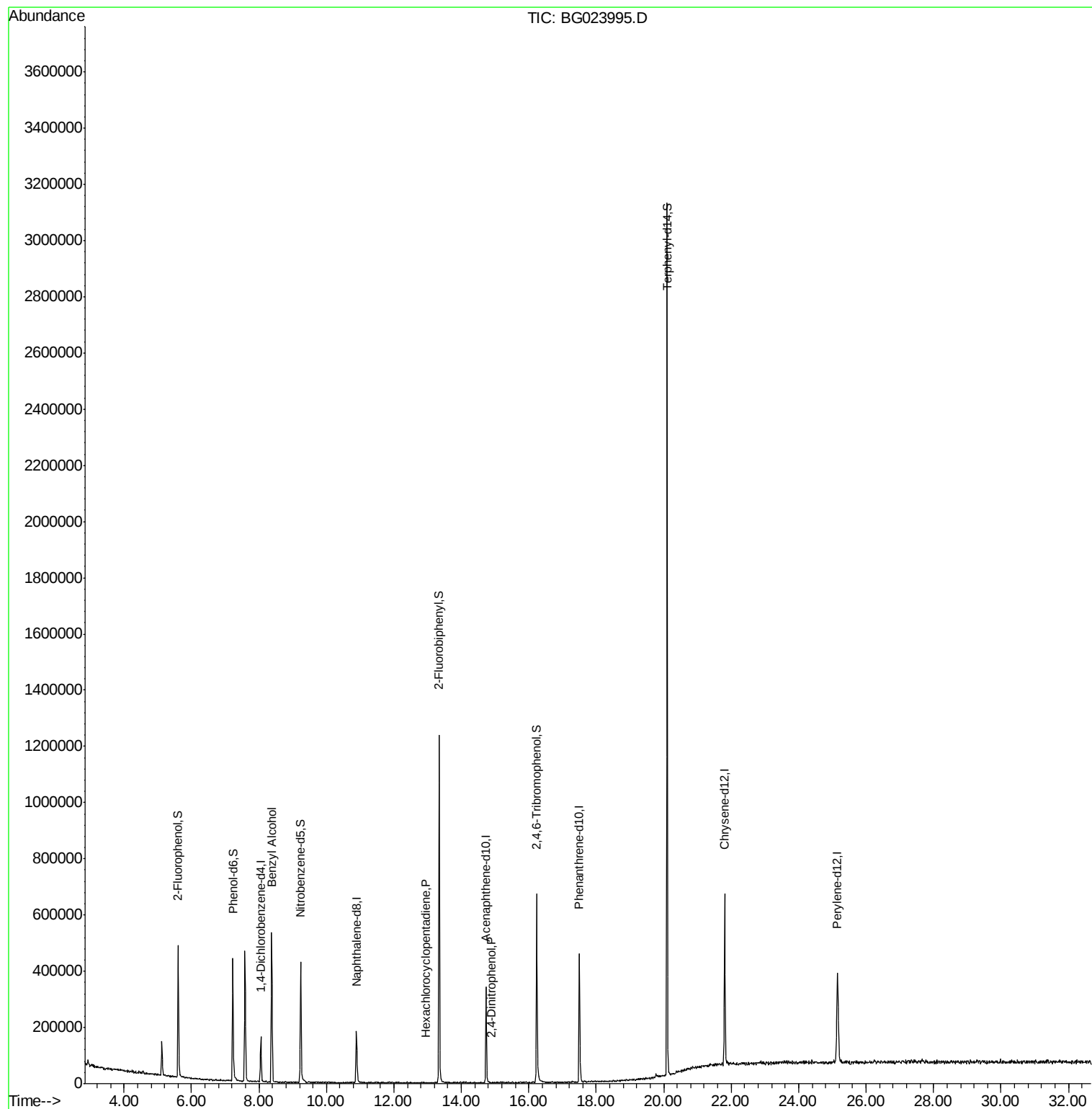
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	40098	20.00	ng	-0.06
21) Naphthalene-d8	10.89	136	162135	20.00	ng	-0.04
38) Acenaphthene-d10	14.73	164	138072	20.00	ng	-0.03
63) Phenanthrene-d10	17.49	188	324998	20.00	ng	-0.03
75) Chrysene-d12	21.81	240	416494	20.00	ng	-0.04
86) Perylene-d12	25.15	264	408700	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	177639	77.78	ng	-0.04
7) Phenol-d6	7.23	99	228270	64.93	ng	-0.05
23) Nitrobenzene-d5	9.24	82	276935	76.25	ng	-0.05
41) 2,4,6-Tribromophenol	16.23	330	138166	55.54	ng	-0.04
44) 2-Fluorobiphenyl	13.34	172	599674	62.27	ng	-0.04
78) Terphenyl-d14	20.10	244	1239546	67.78	ng	-0.03
Target Compounds						
15) Benzyl Alcohol	8.38	79	6376	2.06	ng	# 78
40) Hexachlorocyclopentadiene	12.95	237	63	7.10	ng	# 26
53) 2,4-Dinitrophenol	14.88	184	59	6.54	ng	# 10

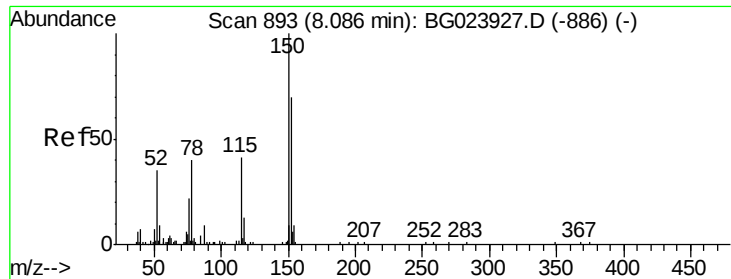
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.05 min Scan# 887

Delta R.T. -0.06 min

Lab File: BG023995.D

Acq: 16 Sep 2016 16:10

Instrument :

BNA_G

ClientSampleId :

PB93407BL

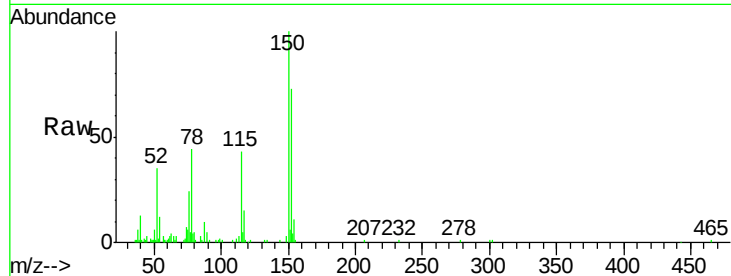
Tgt Ion:152 Resp: 40098

Ion Ratio Lower Upper

152 100

150 137.7 144.7 217.1#

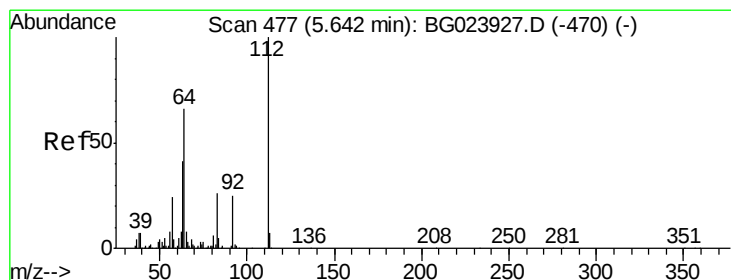
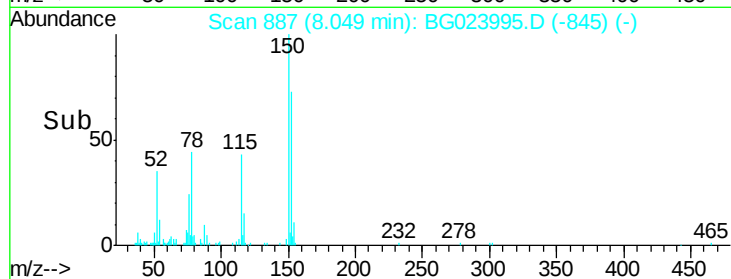
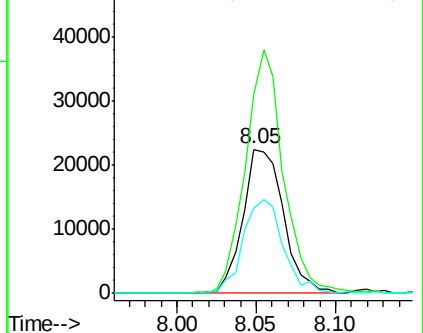
115 59.1 64.0 96.0#



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: 77.78 ng

RT: 5.60 min Scan# 471

Delta R.T. -0.04 min

Lab File: BG023995.D

Acq: 16 Sep 2016 16:10

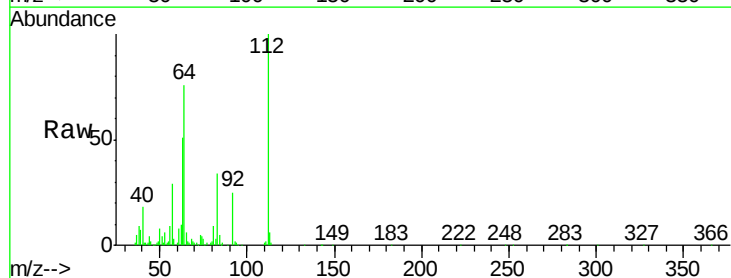
Tgt Ion:112 Resp: 177639

Ion Ratio Lower Upper

112 100

64 76.1 59.0 88.4

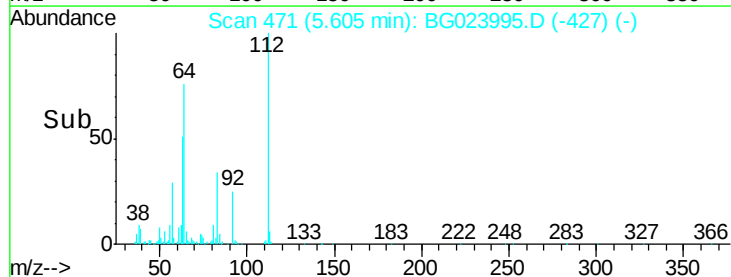
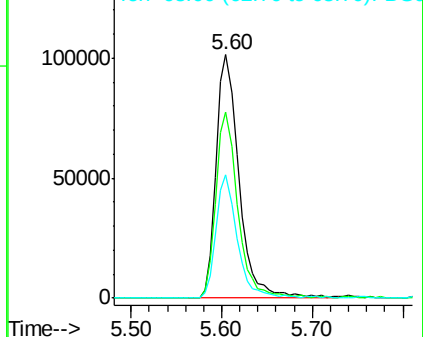
63 50.5 37.8 56.8

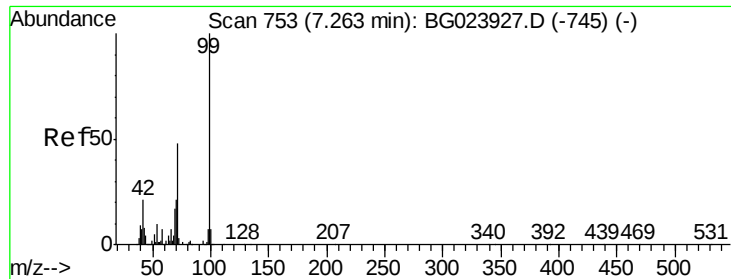


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 64.93 ng

RT: 7.23 min Scan# 747

Delta R.T. -0.05 min

Lab File: BG023995.D

Acq: 16 Sep 2016 16:10

Instrument :

BNA_G

ClientSampleId :

PB93407BL

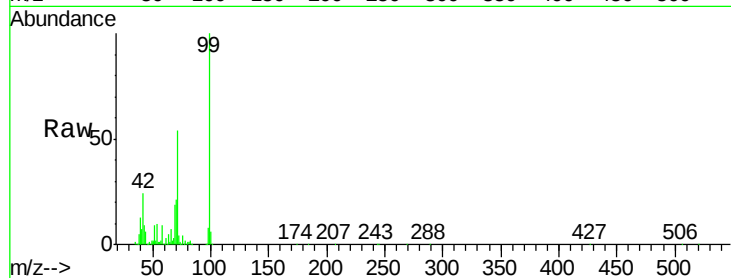
Tgt Ion: 99 Resp: 228270

Ion Ratio Lower Upper

99 100

42 24.5 17.8 26.6

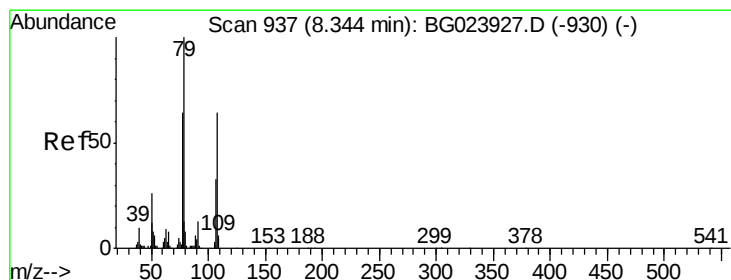
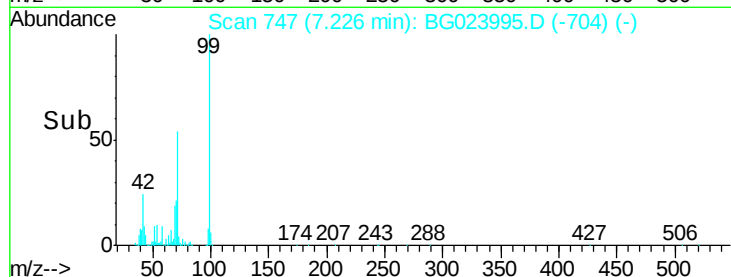
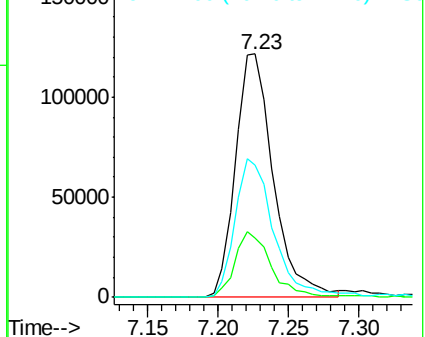
71 54.3 41.5 62.3



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



#15

Benzyl Alcohol

Concen: 2.06 ng

RT: 8.38 min Scan# 943

Delta R.T. 0.02 min

Lab File: BG023995.D

Acq: 16 Sep 2016 16:10

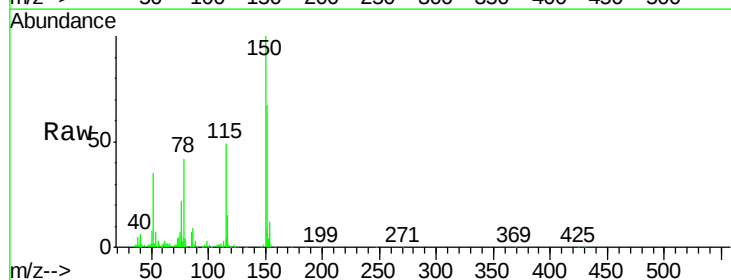
Tgt Ion: 79 Resp: 6376

Ion Ratio Lower Upper

79 100

108 37.3 46.5 69.7#

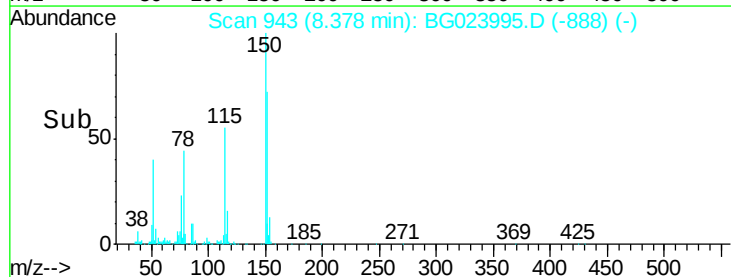
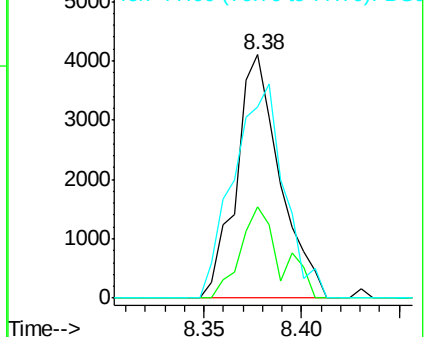
77 78.5 52.3 78.5#

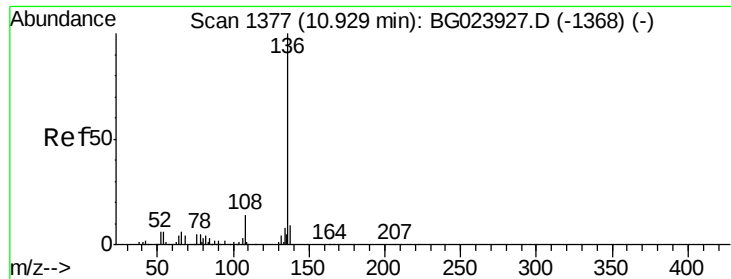


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

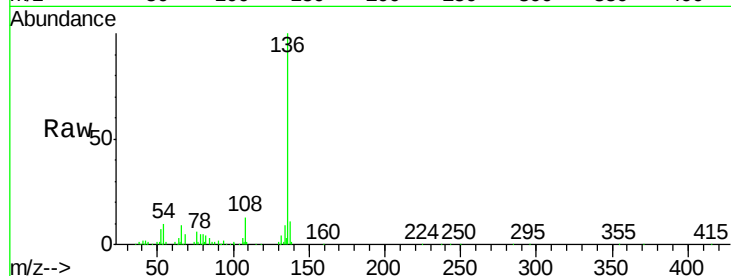




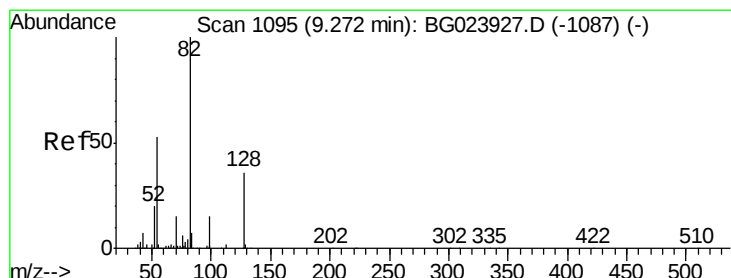
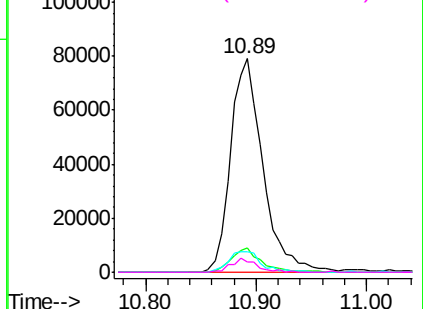
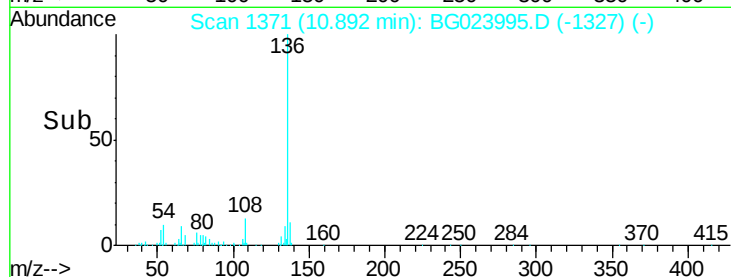
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.89 min Scan# 1371
Delta R.T. -0.04 min
Lab File: BG023995.D
Acq: 16 Sep 2016 16:10

Instrument :
BNA_G
ClientSampleId :
PB93407BL

Tgt Ion:	136	Resp:	162135
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.6	14.4
54	9.8	7.3	10.9
68	4.9	5.3	7.9#

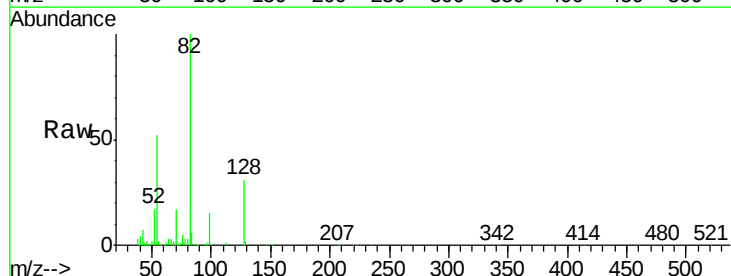


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

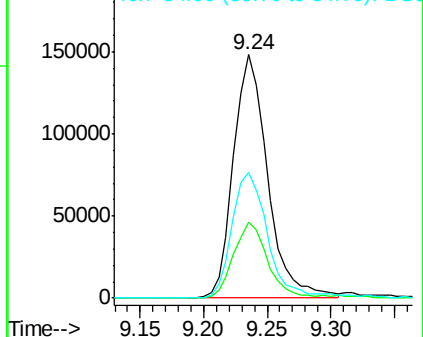
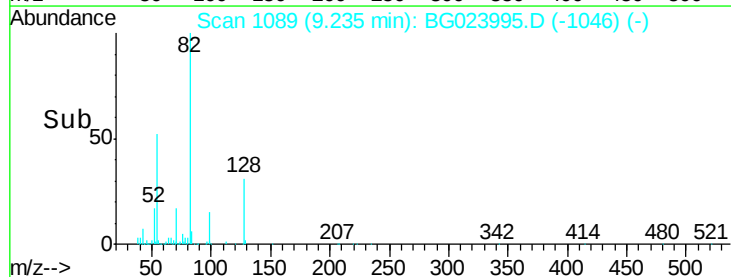


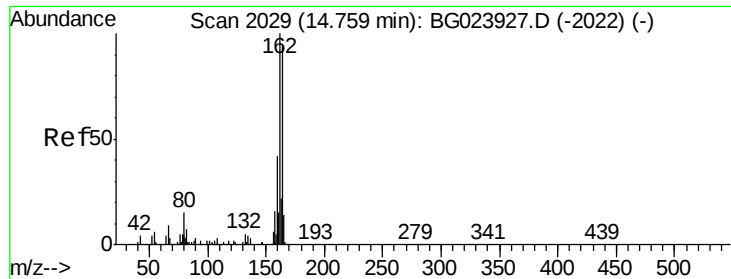
#23
Nitrobenzene-d5
Concen: 76.25 ng
RT: 9.24 min Scan# 1089
Delta R.T. -0.05 min
Lab File: BG023995.D
Acq: 16 Sep 2016 16:10

Tgt Ion:	82	Resp:	276935
Ion	Ratio	Lower	Upper
82	100		
128	31.0	24.4	36.6
54	51.7	41.4	62.0



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: 14.73 min Scan# 2025

Delta R.T. -0.03 min

Lab File: BG023995.D

Acq: 16 Sep 2016 16:10

Instrument :

BNA_G

ClientSampleId :

PB93407BL

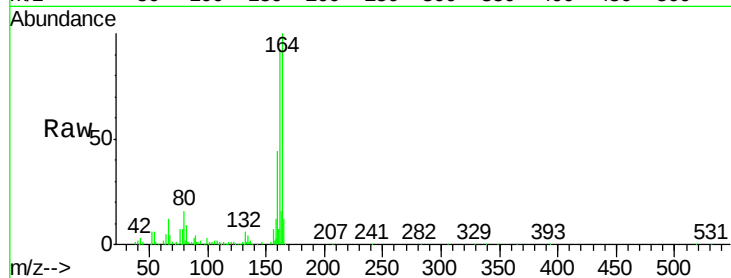
Tgt Ion:164 Resp: 138072

Ion Ratio Lower Upper

164 100

162 92.2 87.7 131.5

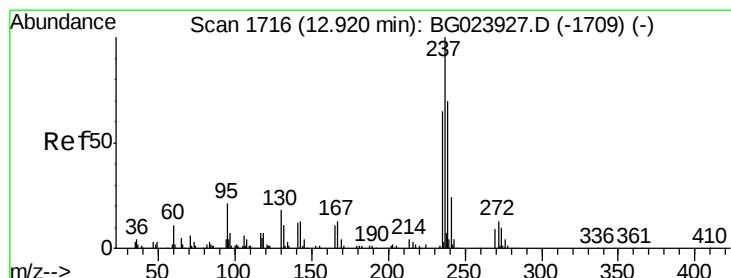
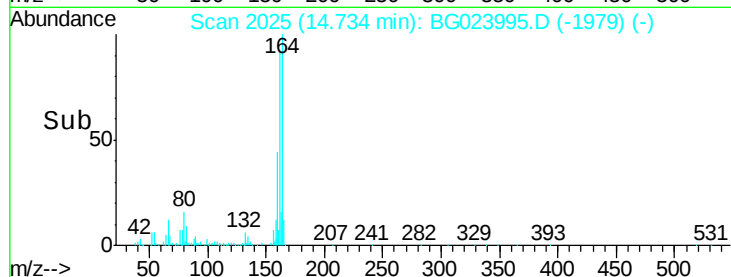
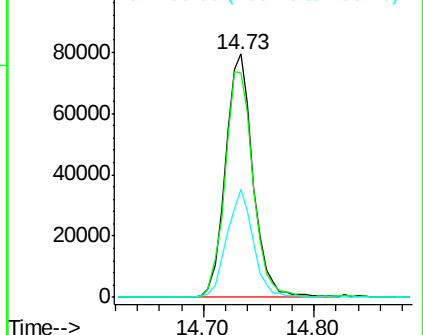
160 44.4 37.2 55.8



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



#40

Hexachlorocyclopentadiene

Concen: 7.10 ng

RT: 12.95 min Scan# 1722

Delta R.T. 0.03 min

Lab File: BG023995.D

Acq: 16 Sep 2016 16:10

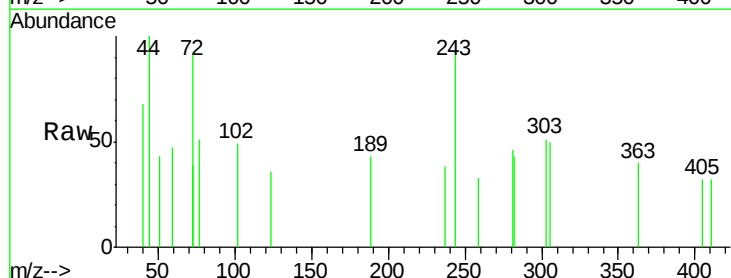
Tgt Ion:237 Resp: 63

Ion Ratio Lower Upper

237 100

235 0.0 43.1 83.1#

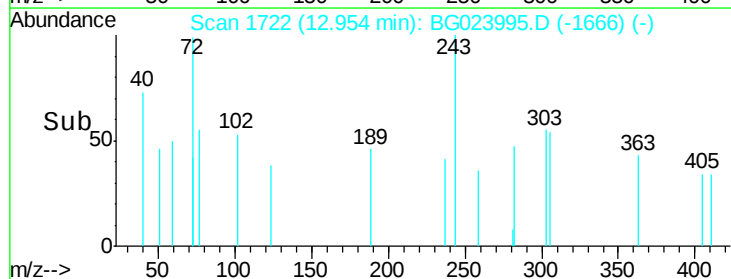
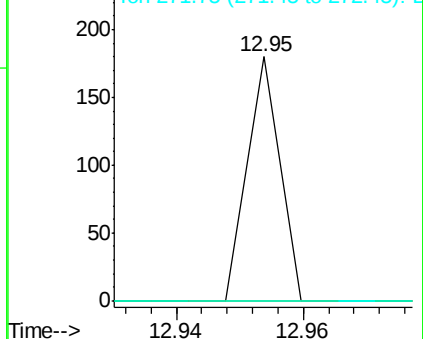
272 0.0 0.0 30.9

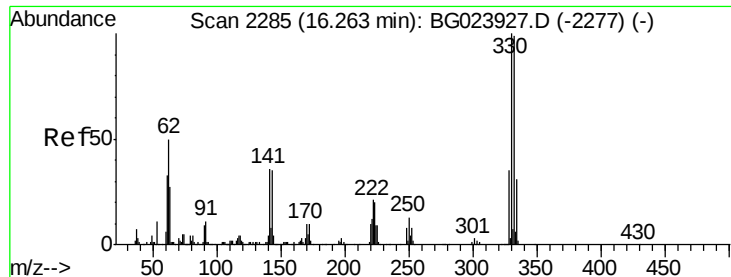


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

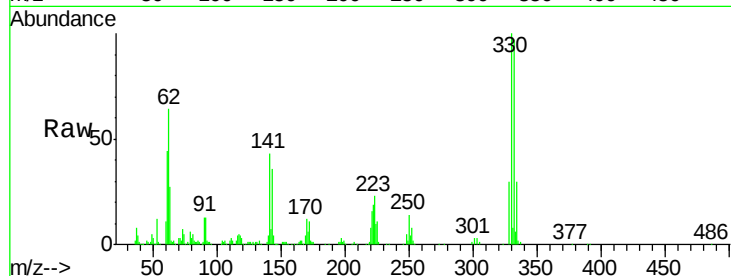




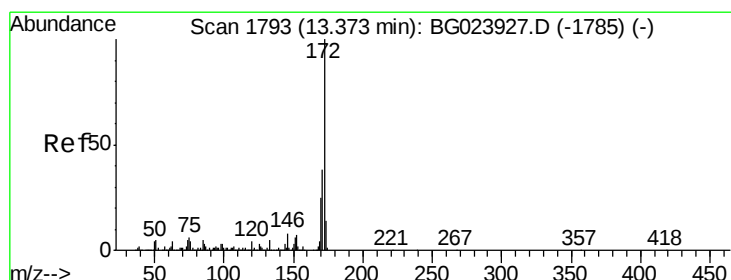
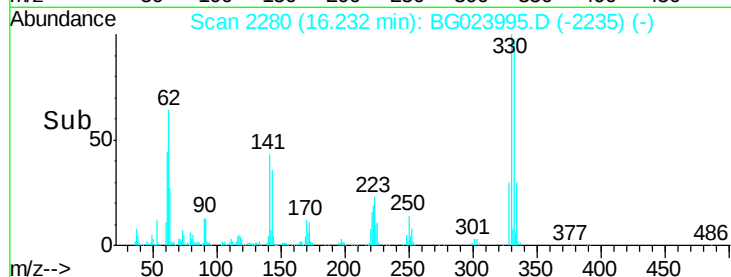
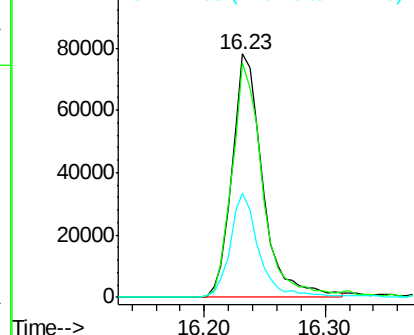
#41
 2,4,6-Tribromophenol
 Concen: 55.54 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. -0.04 min
 Lab File: BG023995.D
 Acq: 16 Sep 2016 16:10

Instrument :
 BNA_G
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 PB93407BL

Tgt Ion:330 Resp: 138166
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.4 116.2
 141 39.8 31.7 47.5

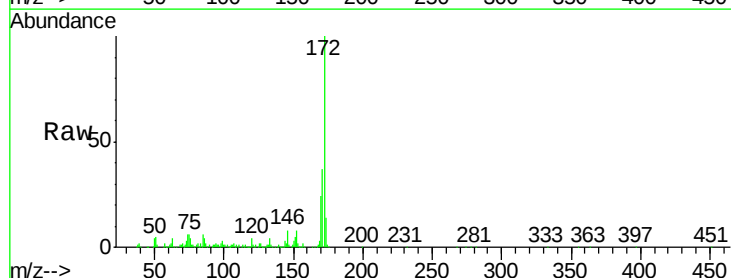


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

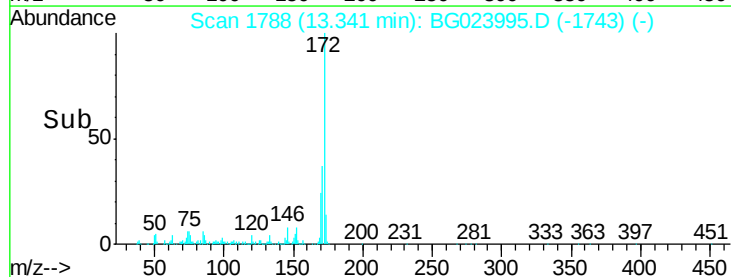
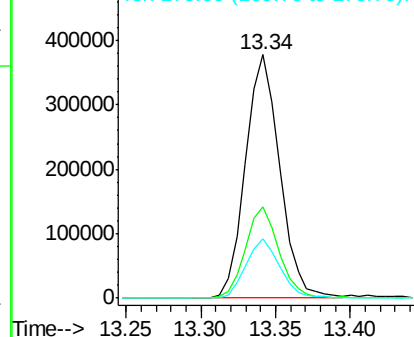


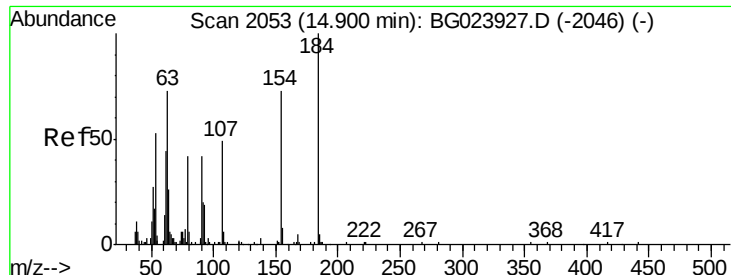
#44
 2-Fluorobiphenyl
 Concen: 62.27 ng
 RT: 13.34 min Scan# 1788
 Delta R.T. -0.04 min
 Lab File: BG023995.D
 Acq: 16 Sep 2016 16:10

Tgt Ion:172 Resp: 599674
 Ion Ratio Lower Upper
 172 100
 171 37.3 31.6 47.4
 170 24.5 21.3 31.9



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

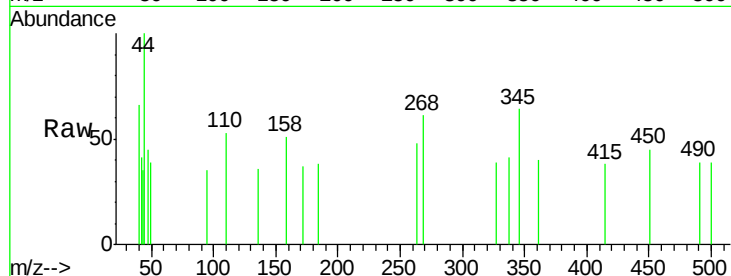




#53
2,4-Dinitrophenol
Concen: 6.54 ng
RT: 14.88 min Scan# 2050
Delta R.T. -0.03 min
Lab File: BG023995.D
Acq: 16 Sep 2016 16:10

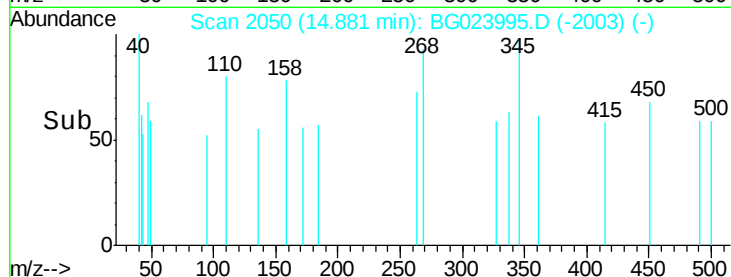
Instrument :
BNA_G
ClientSampleId :
PB93407BL

Tgt Ion:184 Resp: 59
Ion Ratio Lower Upper
184 100
63 0.0 59.6 89.4#
154 0.0 67.4 101.0#

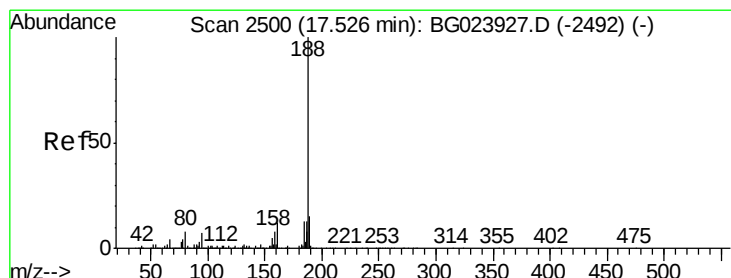


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

14.88

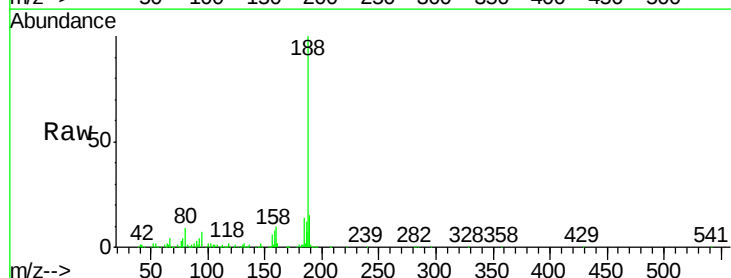


Time--> 14.86 14.88



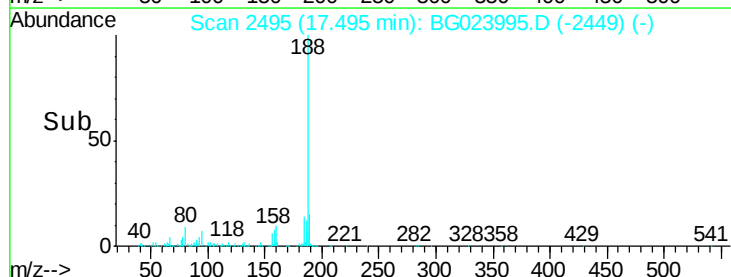
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2495
Delta R.T. -0.03 min
Lab File: BG023995.D
Acq: 16 Sep 2016 16:10

Tgt Ion:188 Resp: 324998
Ion Ratio Lower Upper
188 100
94 7.4 5.2 7.8
80 9.0 7.2 10.8

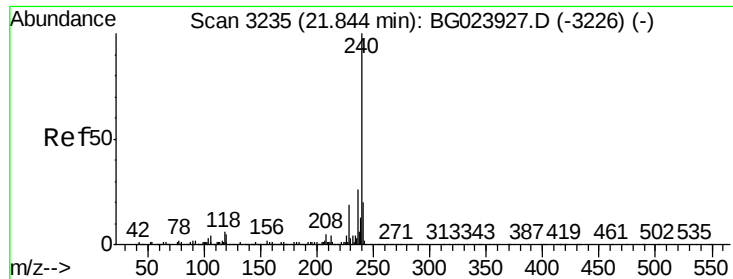


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

17.49



Time--> 17.40 17.50 17.60



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.81 min Scan# 3229

Delta R.T. -0.04 min

Lab File: BG023995.D

Acq: 16 Sep 2016 16:10

Instrument :

BNA_G

ClientSampleId :

PB93407BL

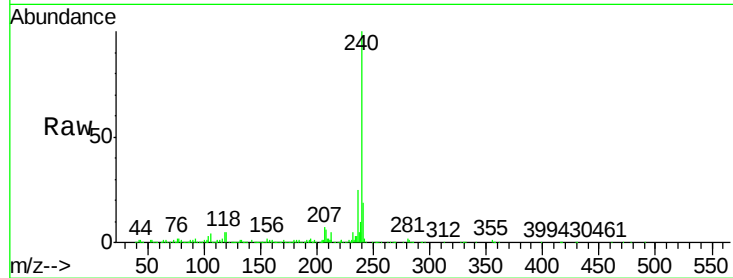
Tgt Ion:240 Resp: 416494

Ion Ratio Lower Upper

240 100

120 5.0 4.1 6.1

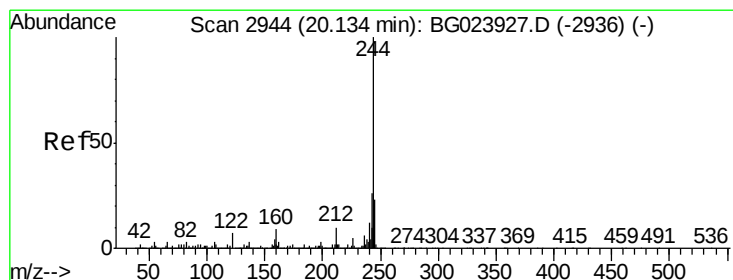
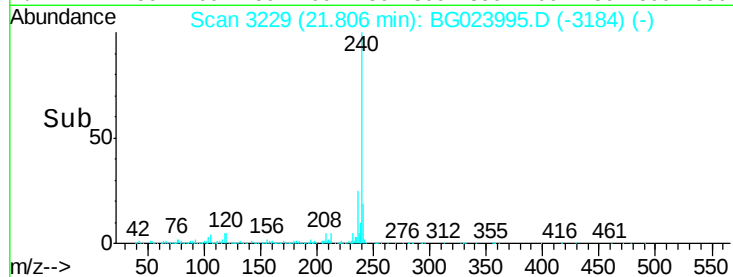
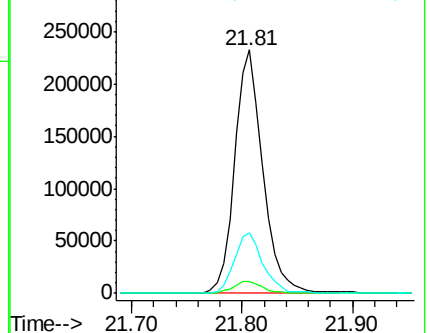
236 25.0 21.1 31.7



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: 67.78 ng

RT: 20.10 min Scan# 2939

Delta R.T. -0.03 min

Lab File: BG023995.D

Acq: 16 Sep 2016 16:10

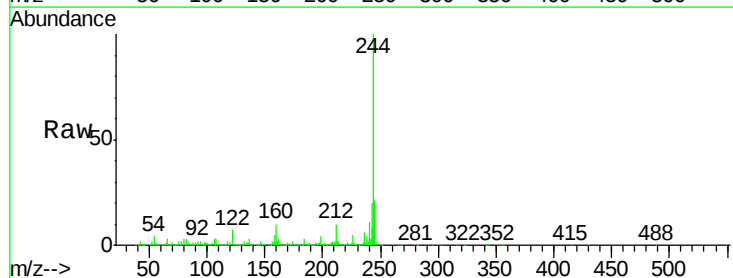
Tgt Ion:244 Resp: 1239546

Ion Ratio Lower Upper

244 100

212 10.2 10.8 16.2#

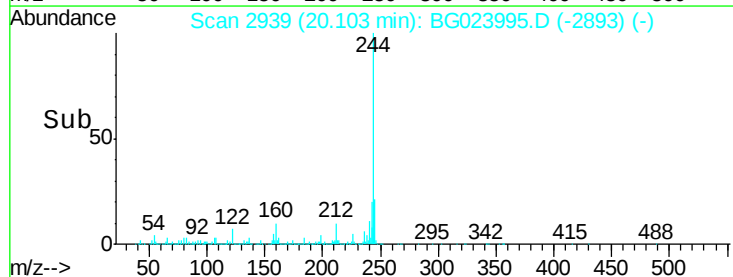
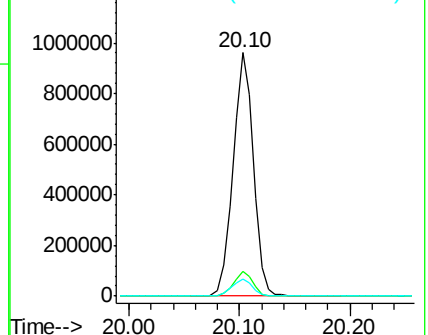
122 7.0 8.0 12.0#

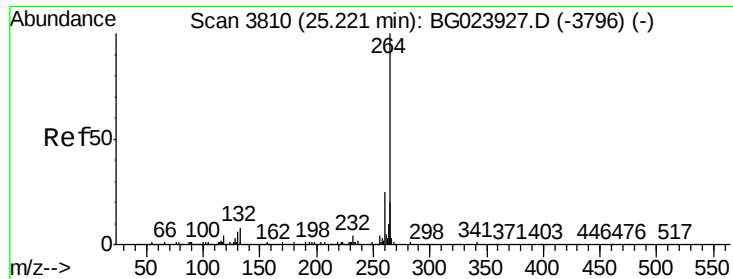


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.15 min Scan# 3798

Delta R.T. -0.06 min

Lab File: BG023995.D

Acq: 16 Sep 2016 16:10

Instrument :

BNA_G

ClientSampleId :

PB93407BL

Tgt Ion:264 Resp: 408700

Ion Ratio Lower Upper

264 100

260 23.3 18.4 27.6

265 19.2 18.9 28.3

