

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091616\
 Data File : BG023998.D
 Acq On : 16 Sep 2016 18:04
 Operator : UM/SJ
 Sample : PB93393BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB93393BL

Quant Time: Sep 17 00:09:02 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

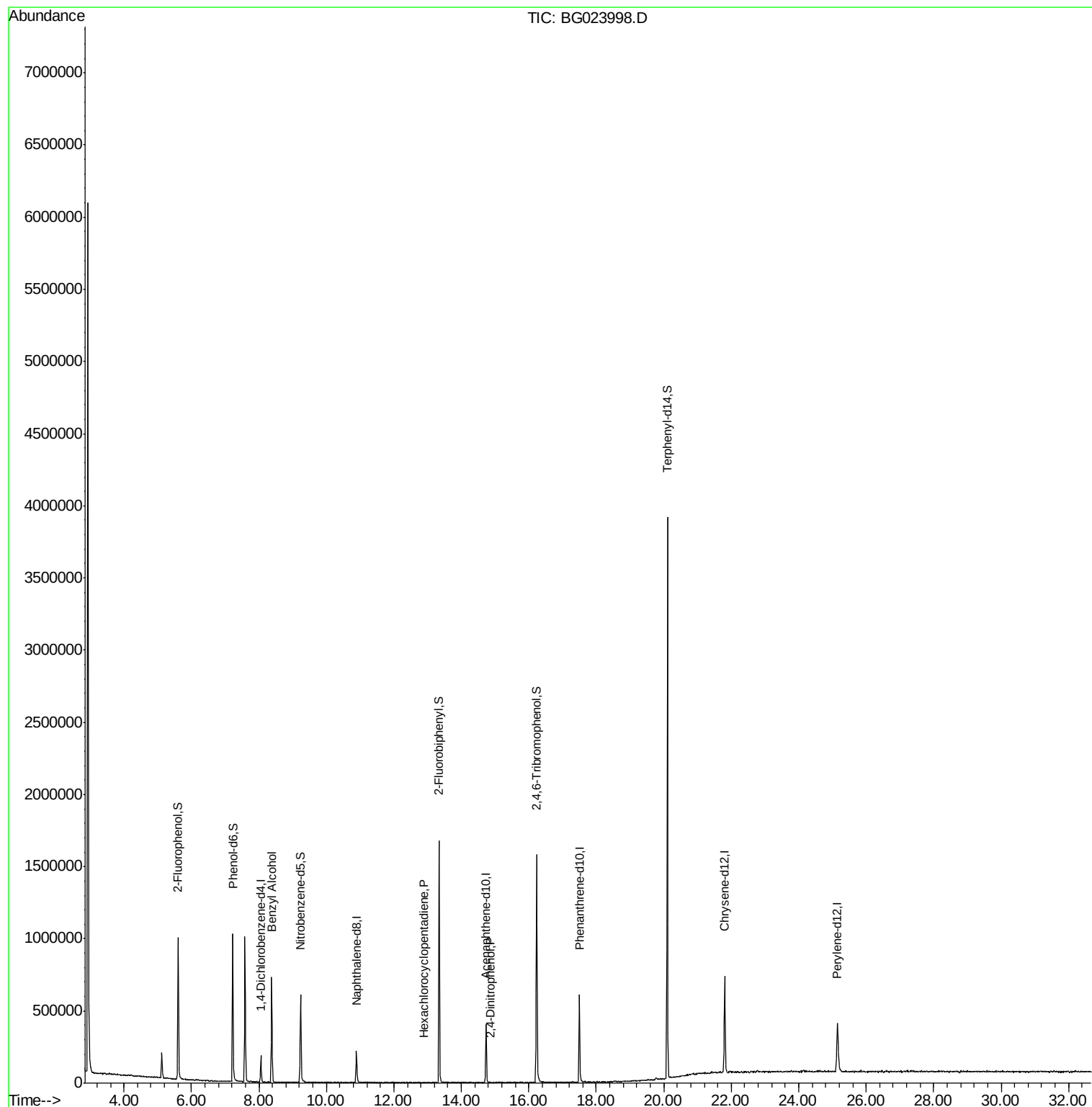
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	45580	20.00	ng	-0.05
21) Naphthalene-d8	10.89	136	185424	20.00	ng	-0.05
38) Acenaphthene-d10	14.73	164	152253	20.00	ng	-0.03
63) Phenanthrene-d10	17.50	188	392410	20.00	ng	-0.03
75) Chrysene-d12	21.80	240	468307	20.00	ng	-0.04
86) Perylene-d12	25.15	264	447049	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	373359	143.81	ng	-0.05
7) Phenol-d6	7.22	99	550888	137.85	ng	-0.05
23) Nitrobenzene-d5	9.24	82	413519	99.56	ng	-0.05
41) 2,4,6-Tribromophenol	16.23	330	318773	116.21	ng	-0.03
44) 2-Fluorobiphenyl	13.34	172	852459	80.27	ng	-0.04
78) Terphenyl-d14	20.11	244	1651207	80.30	ng	-0.03
Target Compounds						
15) Benzyl Alcohol	8.37	79	7486	2.12	ng	# 59
40) Hexachlorocyclopentadiene	12.90	237	75	7.10	ng	# 26
53) 2,4-Dinitrophenol	14.87	184	62	6.54	ng	# 10

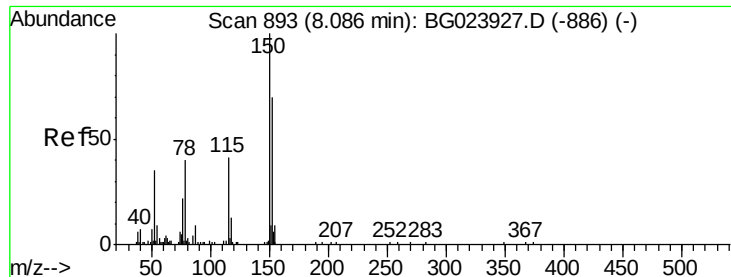
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.06 min Scan# 888

Delta R.T. -0.05 min

Lab File: BG023998.D

Acq: 16 Sep 2016 18:04

Instrument :

BNA_G

ClientSampleId :

PB93393BL

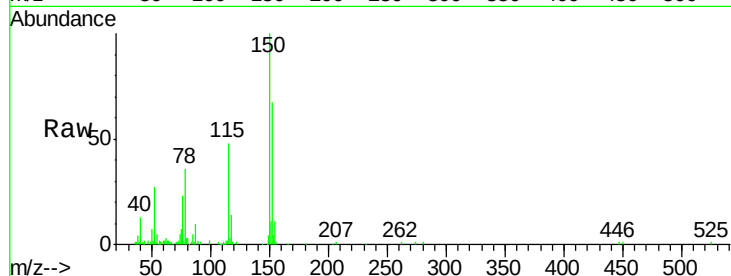
Tgt Ion:152 Resp: 45580

Ion Ratio Lower Upper

152 100

150 149.0 144.7 217.1

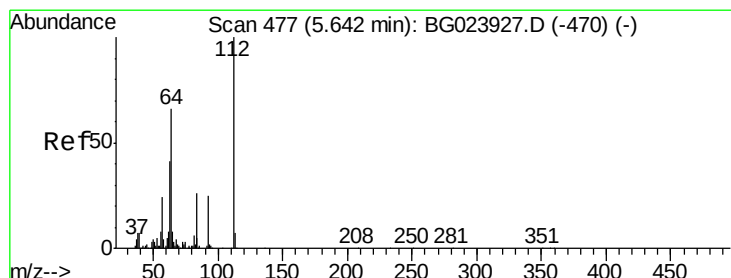
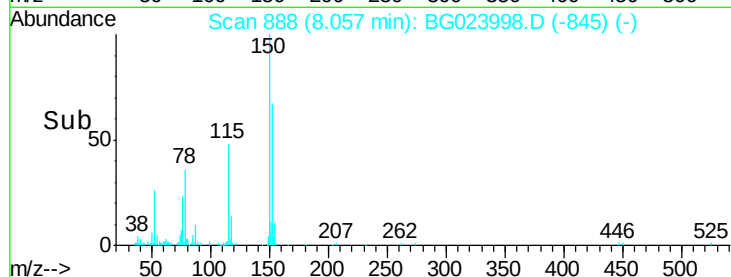
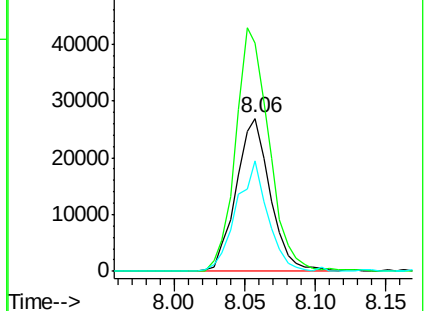
115 72.2 64.0 96.0



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: 143.81 ng

RT: 5.60 min Scan# 470

Delta R.T. -0.05 min

Lab File: BG023998.D

Acq: 16 Sep 2016 18:04

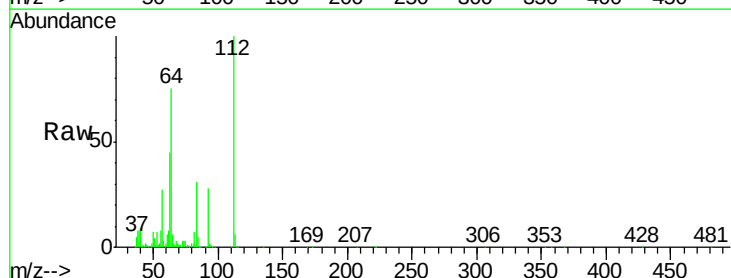
Tgt Ion:112 Resp: 373359

Ion Ratio Lower Upper

112 100

64 74.5 59.0 88.4

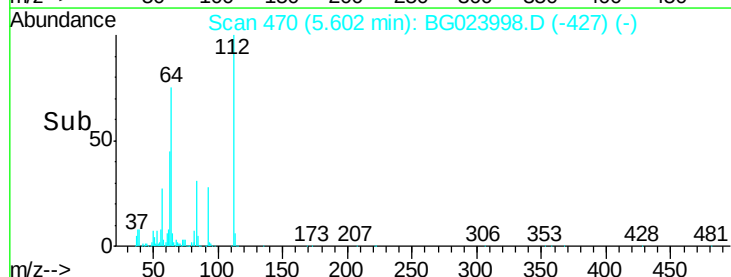
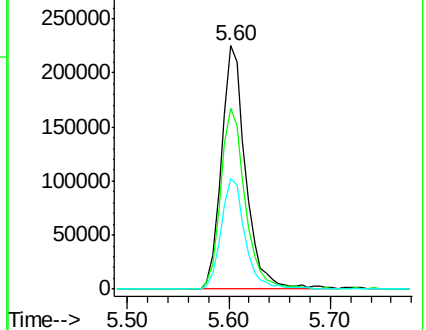
63 45.2 37.8 56.8

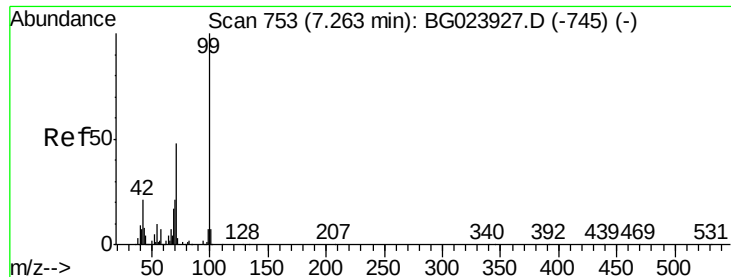


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 137.85 ng

RT: 7.22 min Scan# 746

Delta R.T. -0.05 min

Lab File: BG023998.D

Acq: 16 Sep 2016 18:04

Instrument :

BNA_G

ClientSampleId :

PB93393BL

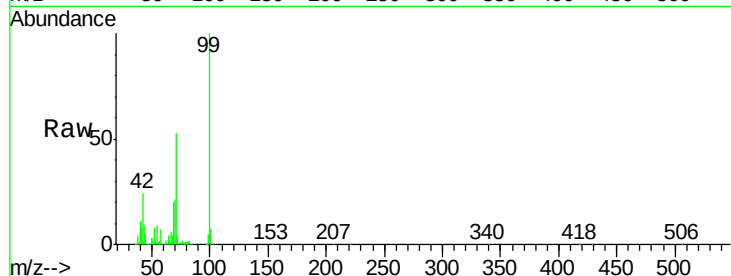
Tgt Ion: 99 Resp: 550888

Ion Ratio Lower Upper

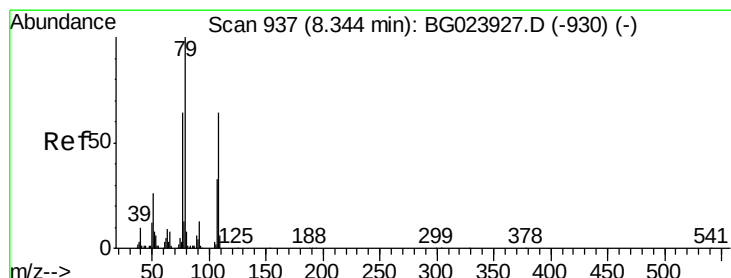
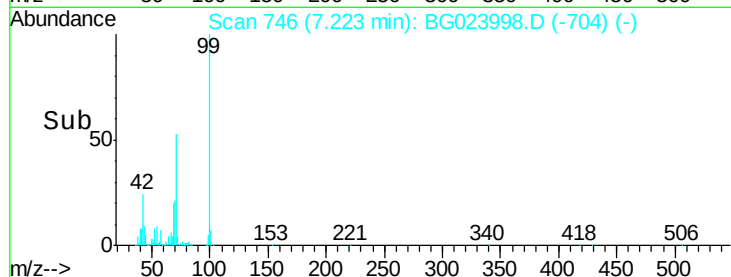
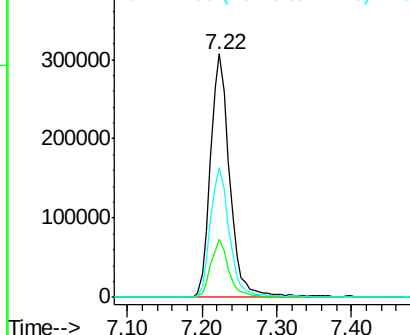
99 100

42 23.7 17.8 26.6

71 53.0 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: 2.12 ng

RT: 8.37 min Scan# 942

Delta R.T. 0.02 min

Lab File: BG023998.D

Acq: 16 Sep 2016 18:04

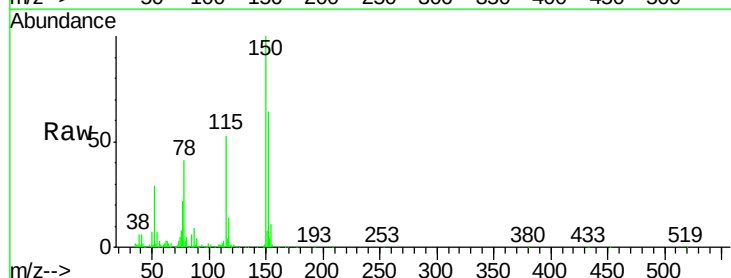
Tgt Ion: 79 Resp: 7486

Ion Ratio Lower Upper

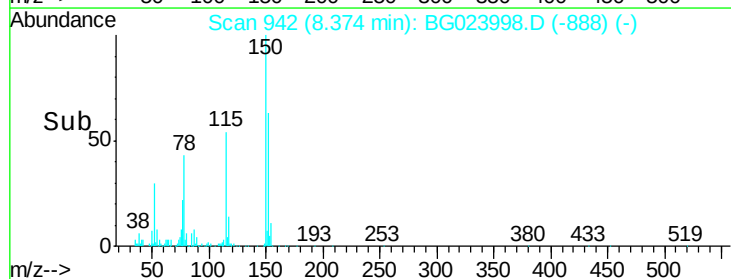
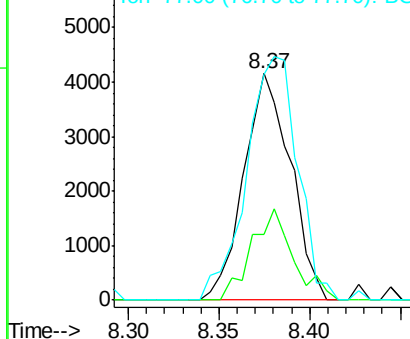
79 100

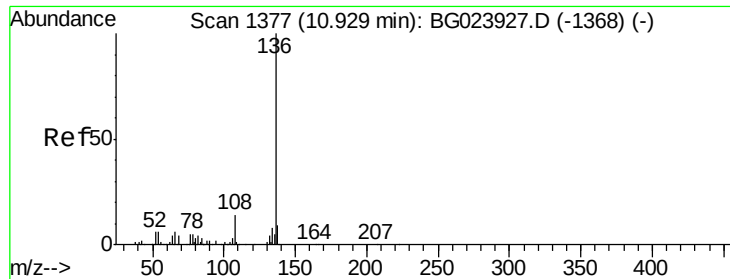
108 29.3 46.5 69.7#

77 99.8 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

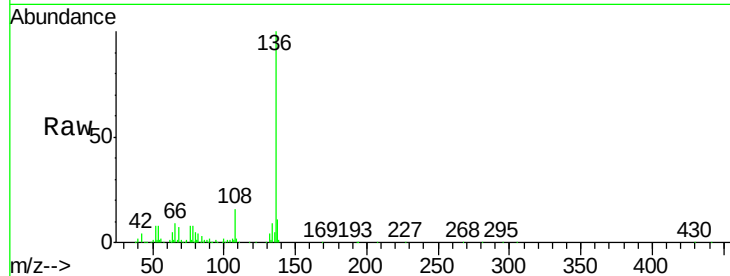




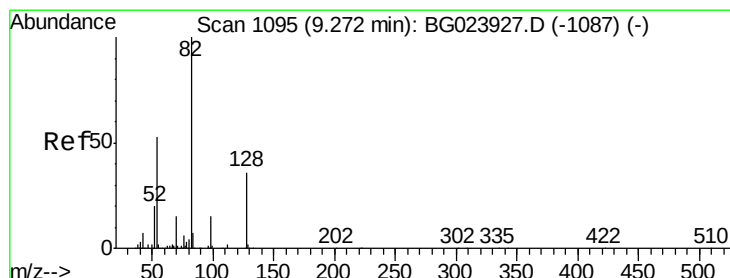
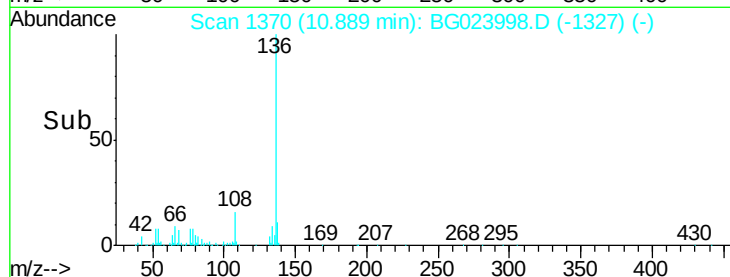
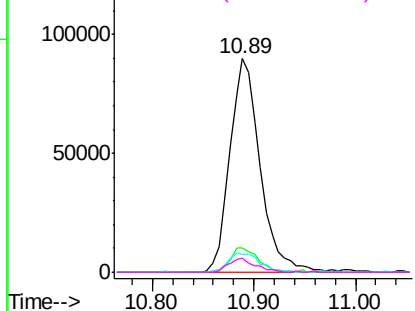
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.89 min Scan# 1370
Delta R.T. -0.05 min
Lab File: BG023998.D
Acq: 16 Sep 2016 18:04

Instrument :
BNA_G
ClientSampleId :
PB93393BL

Tgt Ion:	136	Resp:	185424
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.6	14.4
54	8.5	7.3	10.9
68	6.8	5.3	7.9

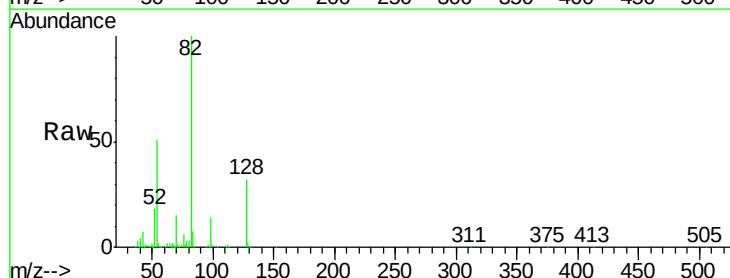


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

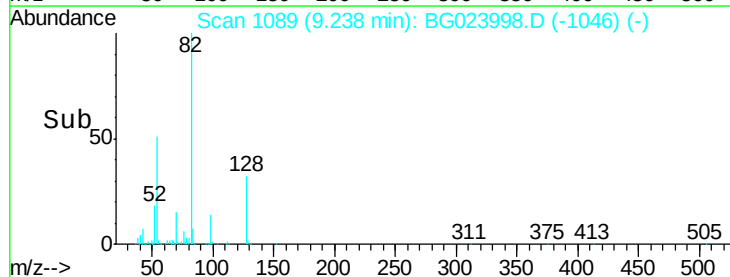
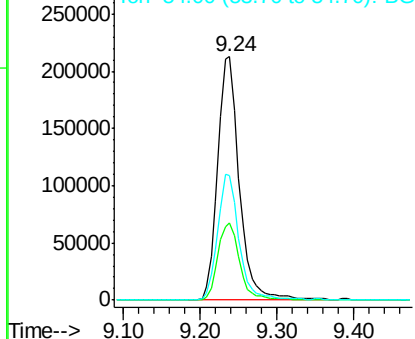


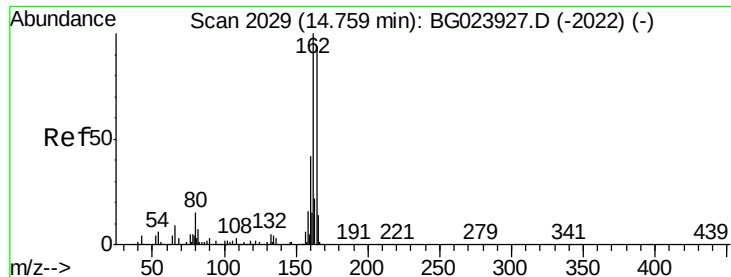
#23
Nitrobenzene-d5
Concen: 99.56 ng
RT: 9.24 min Scan# 1089
Delta R.T. -0.05 min
Lab File: BG023998.D
Acq: 16 Sep 2016 18:04

Tgt Ion:	82	Resp:	413519
Ion	Ratio	Lower	Upper
82	100		
128	31.6	24.4	36.6
54	51.0	41.4	62.0



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: 14.73 min Scan# 2024

Delta R.T. -0.03 min

Lab File: BG023998.D

Acq: 16 Sep 2016 18:04

Instrument :

BNA_G

ClientSampleId :

PB93393BL

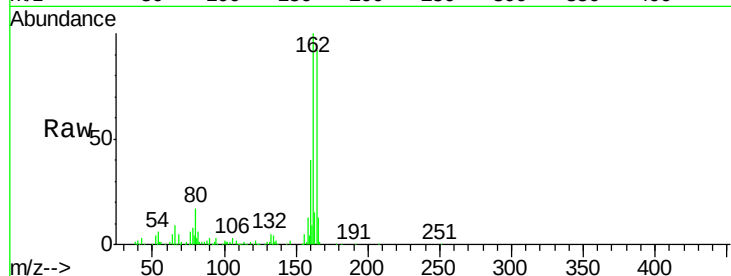
Tgt Ion:164 Resp: 152253

Ion Ratio Lower Upper

164 100

162 109.2 87.7 131.5

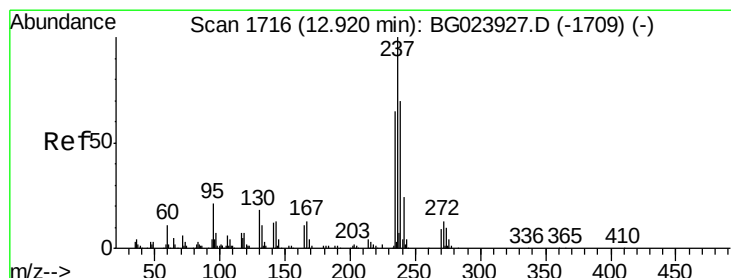
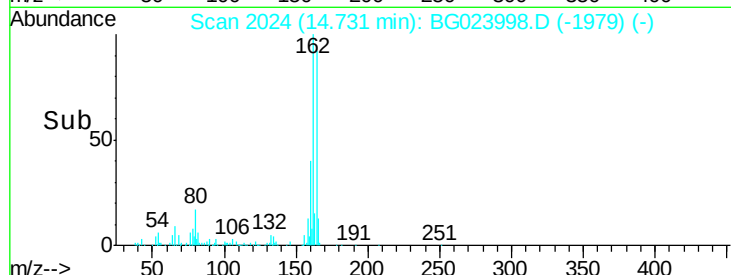
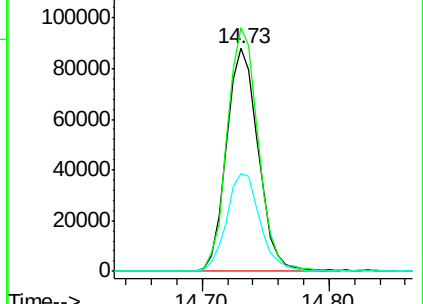
160 44.0 37.2 55.8



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: 12.90 min Scan# 1713

Delta R.T. -0.02 min

Lab File: BG023998.D

Acq: 16 Sep 2016 18:04

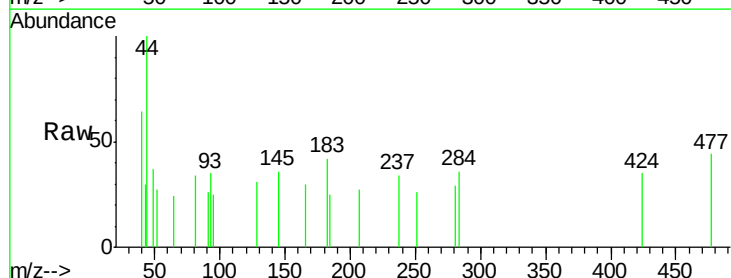
Tgt Ion:237 Resp: 75

Ion Ratio Lower Upper

237 100

235 0.0 43.1 83.1#

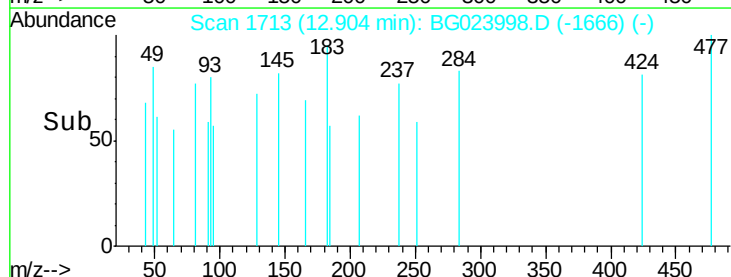
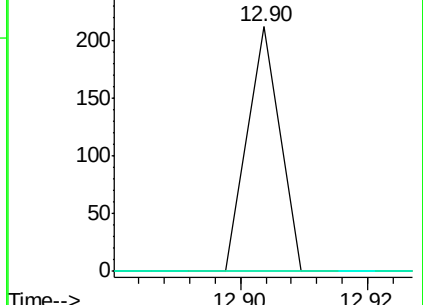
272 0.0 0.0 30.9

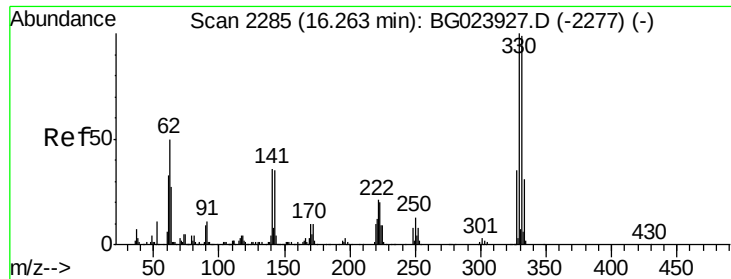


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

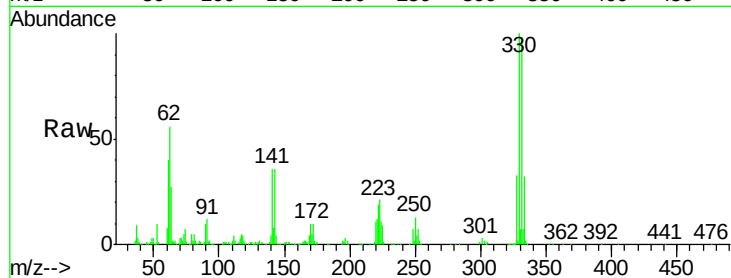




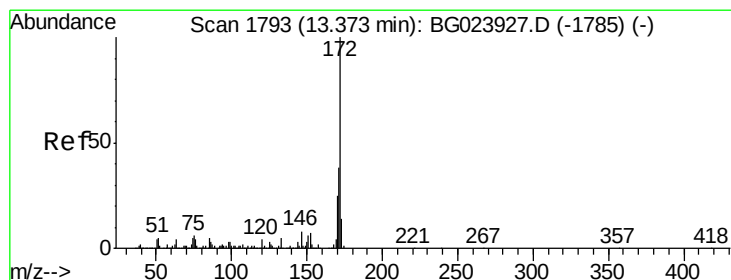
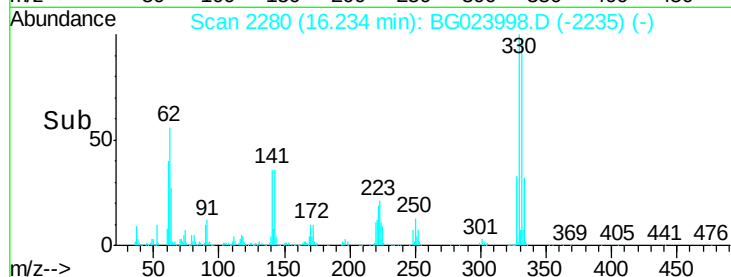
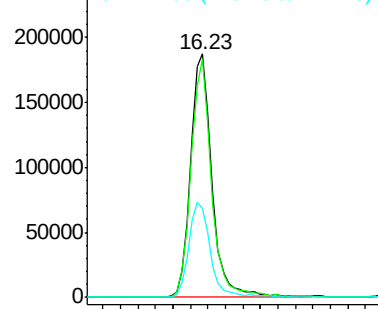
#41
 2,4,6-Tribromophenol
 Concen: 116.21 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. -0.03 min
 Lab File: BG023998.D
 Acq: 16 Sep 2016 18:04

Instrument :
 BNA_G
 ClientSampleId :
 PB93393BL

Tgt Ion:330 Resp: 318773
 Ion Ratio Lower Upper
 330 100
 332 93.7 77.4 116.2
 141 39.2 31.7 47.5

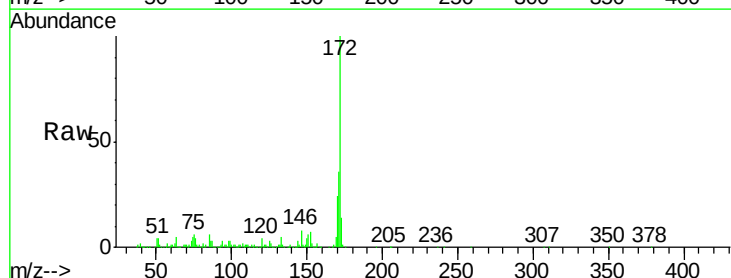


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

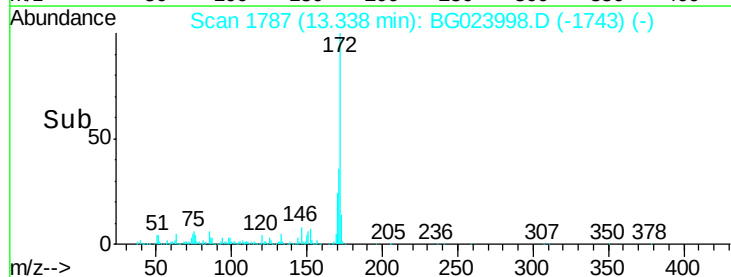
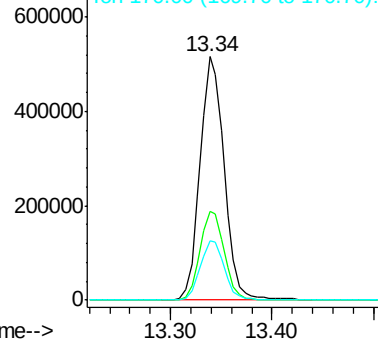


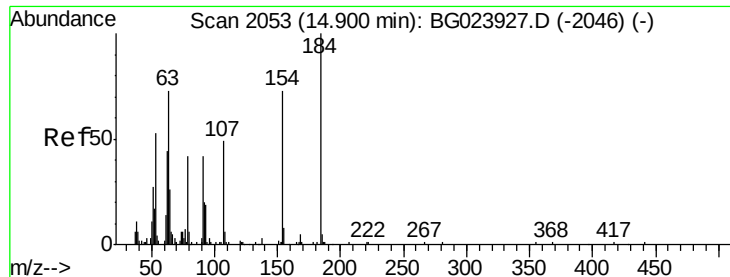
#44
 2-Fluorobiphenyl
 Concen: 80.27 ng
 RT: 13.34 min Scan# 1787
 Delta R.T. -0.04 min
 Lab File: BG023998.D
 Acq: 16 Sep 2016 18:04

Tgt Ion:172 Resp: 852459
 Ion Ratio Lower Upper
 172 100
 171 36.4 31.6 47.4
 170 24.3 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

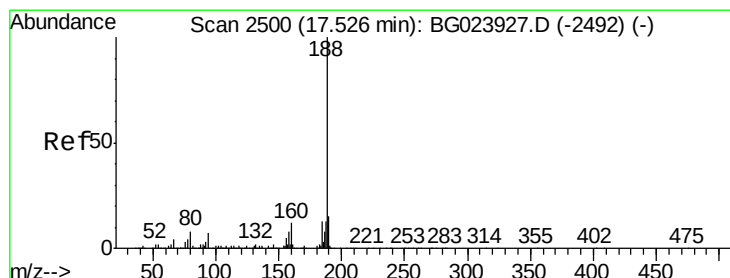
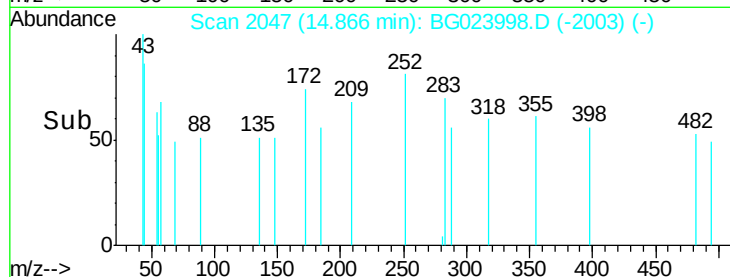
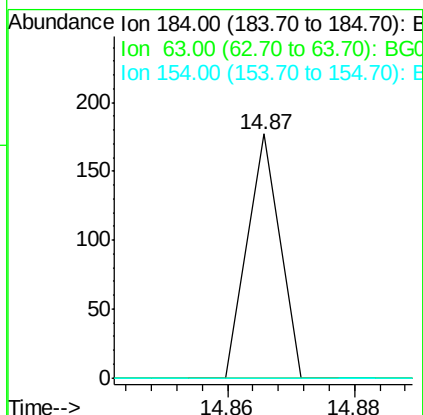
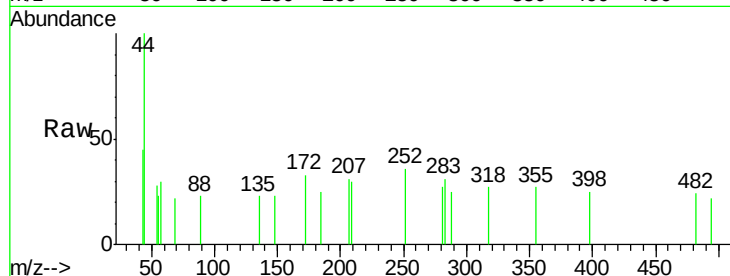




#53
 2,4-Dinitrophenol
 Concen: 6.54 ng
 RT: 14.87 min Scan# 2047
 Delta R.T. -0.04 min
 Lab File: BG023998.D
 Acq: 16 Sep 2016 18:04

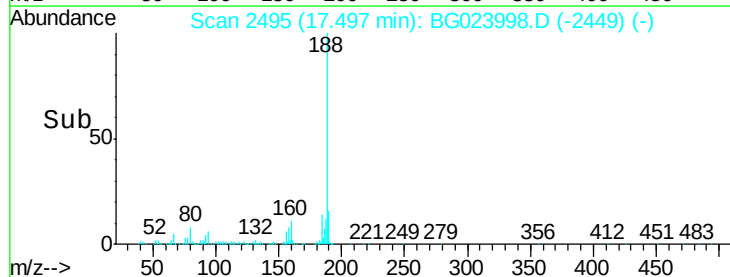
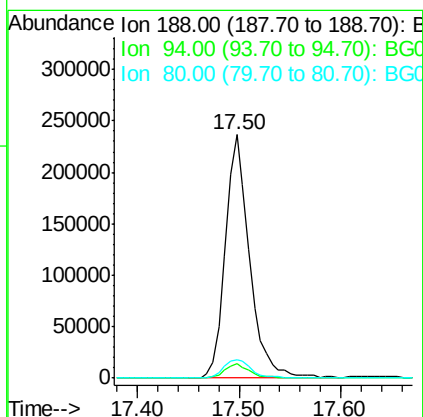
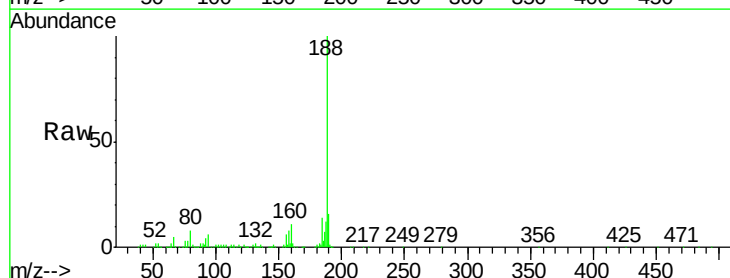
Instrument :
 BNA_G
 ClientSampled :
 PB93393BL

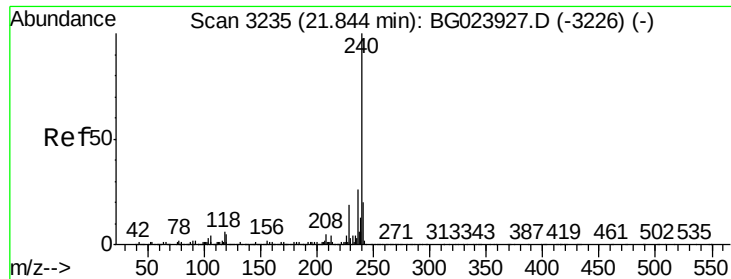
Tgt Ion:184 Resp: 62
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.6 89.4#
 154 0.0 67.4 101.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.50 min Scan# 2495
 Delta R.T. -0.03 min
 Lab File: BG023998.D
 Acq: 16 Sep 2016 18:04

Tgt Ion:188 Resp: 392410
 Ion Ratio Lower Upper
 188 100
 94 6.2 5.2 7.8
 80 7.6 7.2 10.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.80 min Scan# 3228

Delta R.T. -0.04 min

Lab File: BG023998.D

Acq: 16 Sep 2016 18:04

Instrument :

BNA_G

ClientSampleId :

PB93393BL

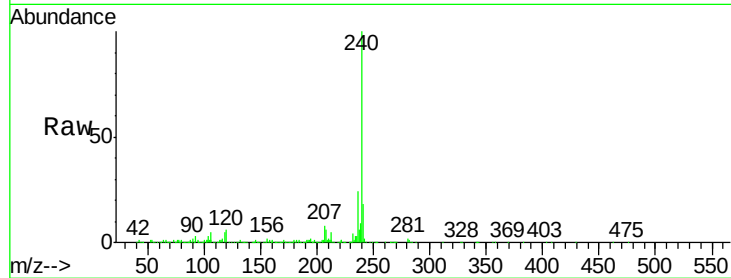
Tgt Ion:240 Resp: 468307

Ion Ratio Lower Upper

240 100

120 6.3 4.1 6.1#

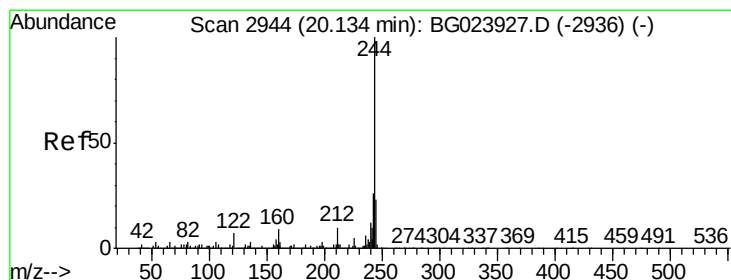
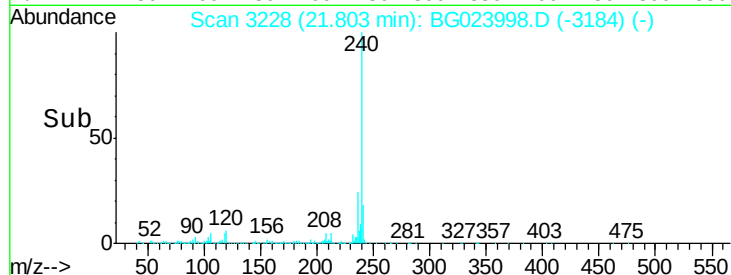
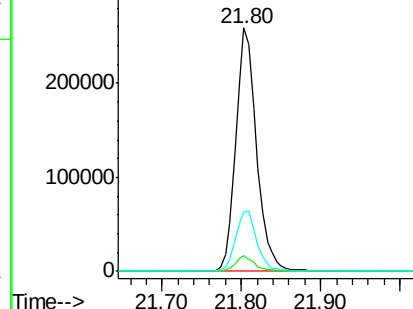
236 24.4 21.1 31.7



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: 80.30 ng

RT: 20.11 min Scan# 2939

Delta R.T. -0.03 min

Lab File: BG023998.D

Acq: 16 Sep 2016 18:04

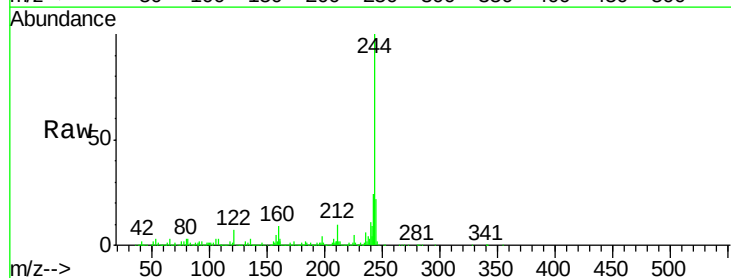
Tgt Ion:244 Resp: 1651207

Ion Ratio Lower Upper

244 100

212 10.1 10.8 16.2#

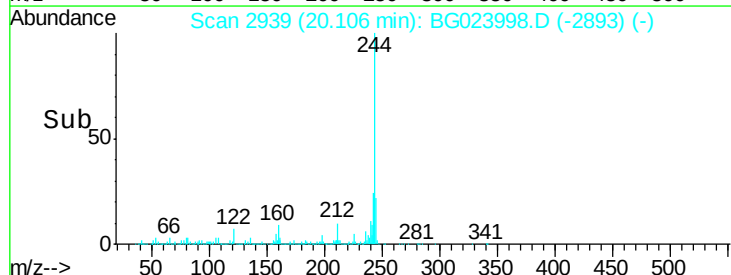
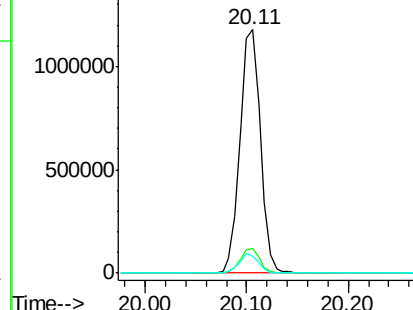
122 7.1 8.0 12.0#

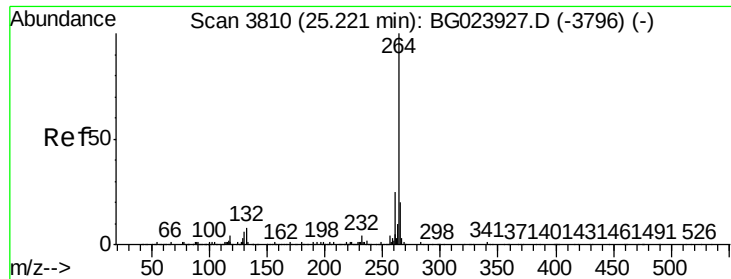


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG023998.D
Acq: 16 Sep 2016 18:04

Instrument :
BNA_G
ClientSampleId :
PB93393BL

Tgt Ion:	264	Resp:	447049
Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.4	27.6
265	21.2	18.9	28.3

