

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090916\
 Data File : BG023972.D
 Acq On : 9 Sep 2016 10:59
 Operator : UM/SJ
 Sample : PB93297BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB93297BL

Quant Time: Sep 09 12:52:03 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 12:43:30 2016
 Response via : Initial Calibration

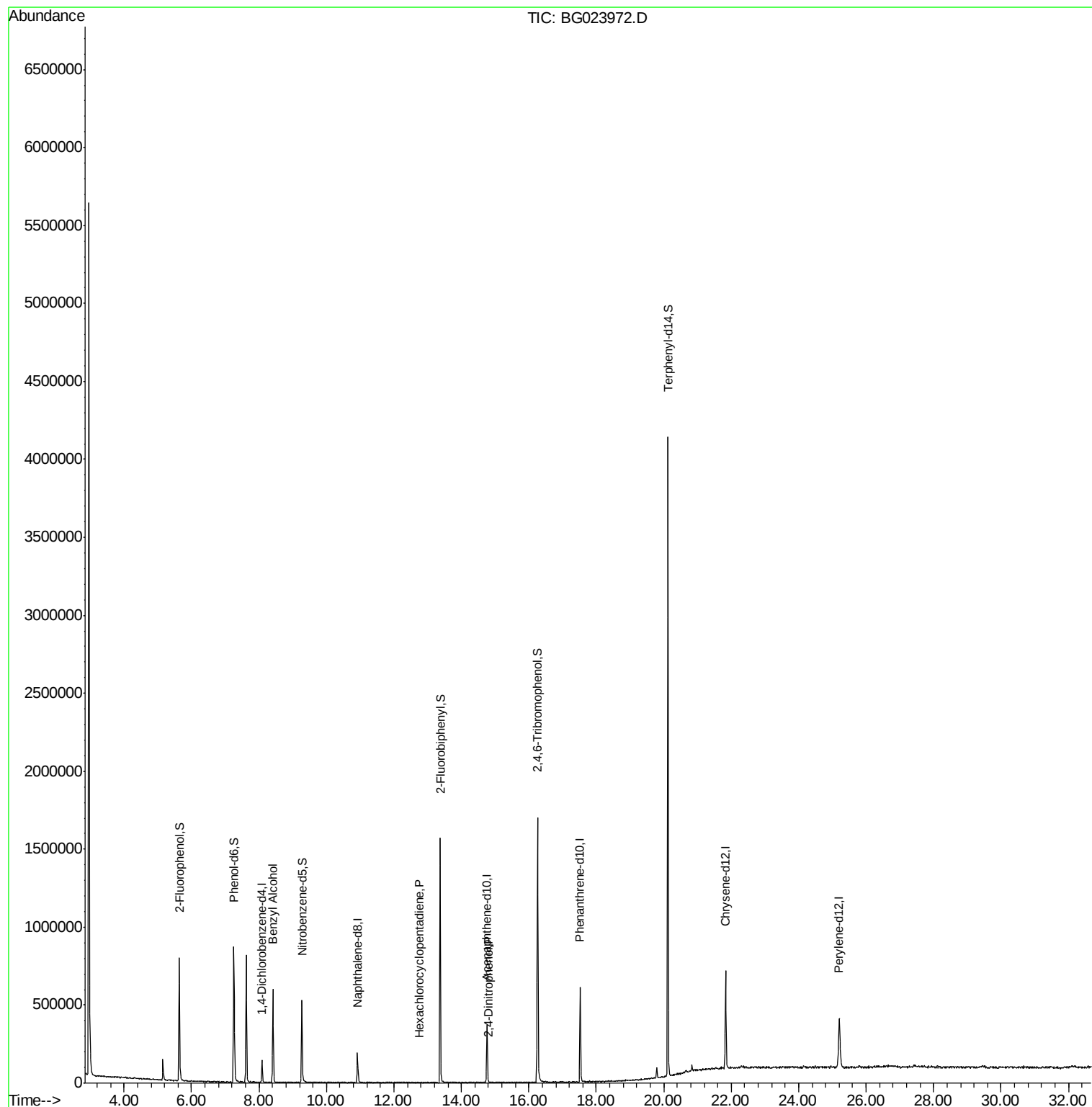
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	36668	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	164214	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	134113	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	409611	20.00	ng	0.00
75) Chrysene-d12	21.84	240	426716	20.00	ng	0.00
86) Perylene-d12	25.20	264	410847	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	312454	149.60	ng	-0.01
7) Phenol-d6	7.26	99	472183	146.87	ng	-0.02
23) Nitrobenzene-d5	9.27	82	340094	92.46	ng	-0.01
41) 2,4,6-Tribromophenol	16.26	330	343837	142.30	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	762373	81.50	ng	0.00
78) Terphenyl-d14	20.13	244	1612494	86.06	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.41	79	7063	2.49	ng	# 58
40) Hexachlorocyclopentadiene	12.74	237	59	7.10	ng	# 26
53) 2,4-Dinitrophenol	14.81	184	86	6.56	ng	# 10

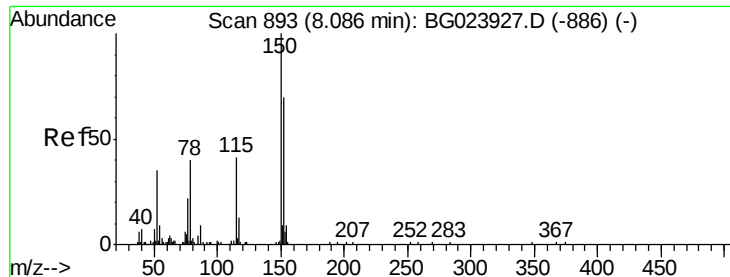
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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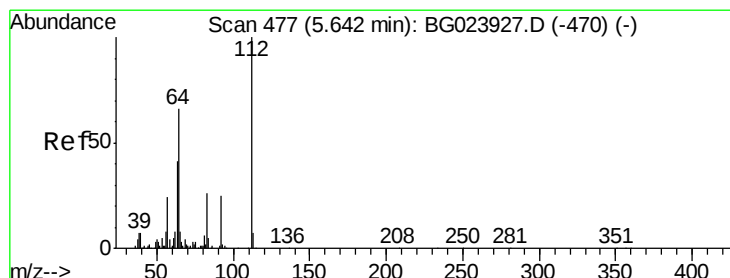
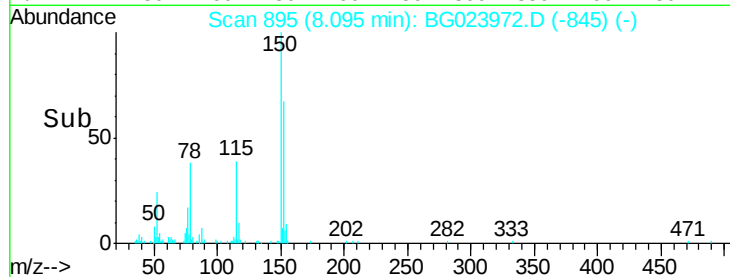
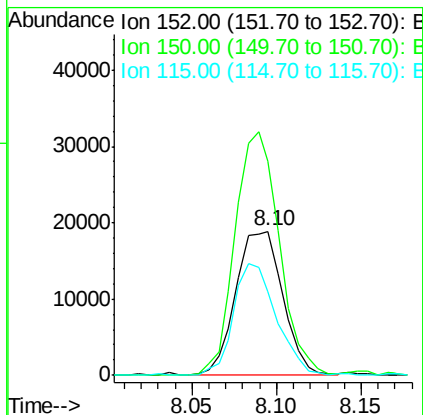
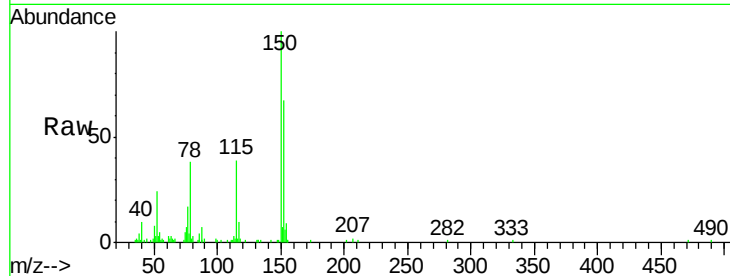


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.10 min Scan# 895
Delta R.T. -0.01 min
Lab File: BG023972.D
Acq: 9 Sep 2016 10:59

Instrument :
BNA_G
ClientSampleId :
PB93297BL

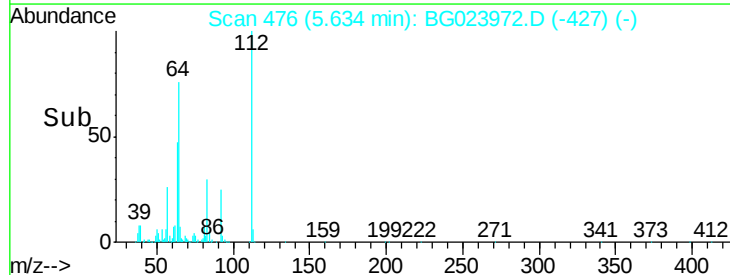
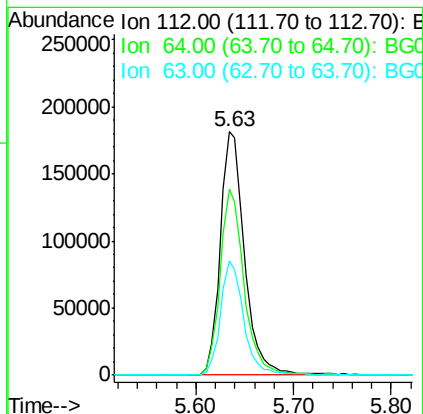
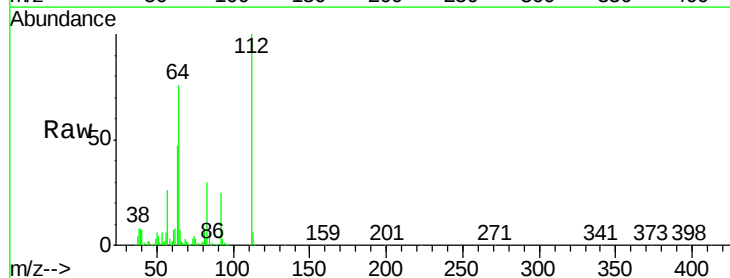
Tgt Ion:152 Resp: 36668
Ion Ratio Lower Upper
152 100
150 148.5 144.7 217.1
115 58.5 64.0 96.0#

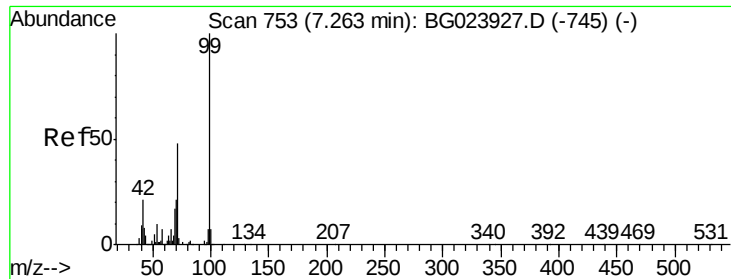


#5

2-Fluorophenol
Concen: 149.60 ng
RT: 5.63 min Scan# 476
Delta R.T. -0.01 min
Lab File: BG023972.D
Acq: 9 Sep 2016 10:59

Tgt Ion:112 Resp: 312454
Ion Ratio Lower Upper
112 100
64 76.5 59.0 88.4
63 46.9 37.8 56.8





#7

Phenol-d6

Concen: 146.87 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.02 min

Lab File: BG023972.D

Acq: 9 Sep 2016 10:59

Instrument :

BNA_G

ClientSampleId :

PB93297BL

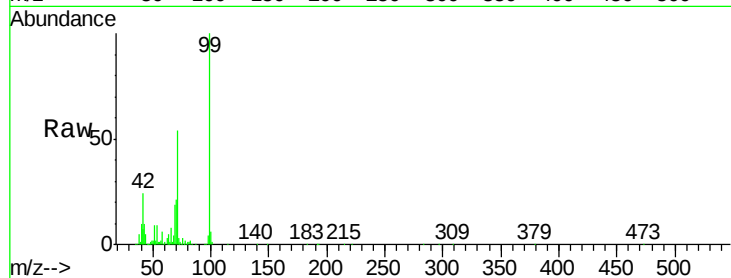
Tgt Ion: 99 Resp: 472183

Ion Ratio Lower Upper

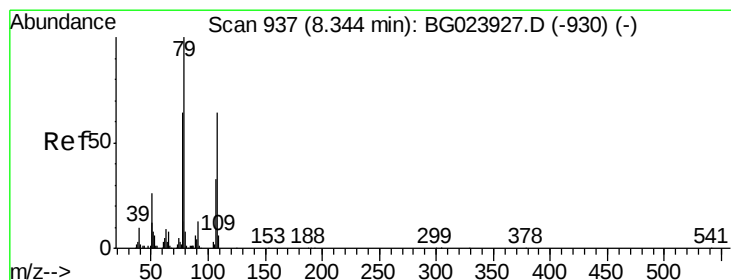
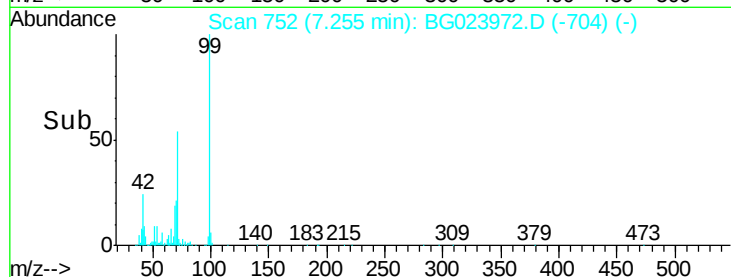
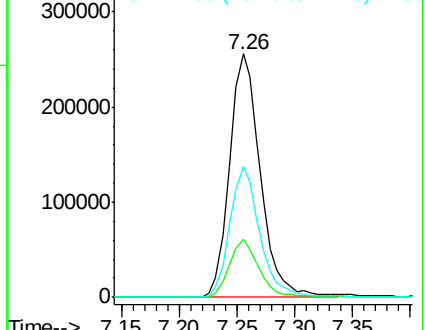
99 100

42 23.6 17.8 26.6

71 53.9 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: 2.49 ng

RT: 8.41 min Scan# 949

Delta R.T. 0.06 min

Lab File: BG023972.D

Acq: 9 Sep 2016 10:59

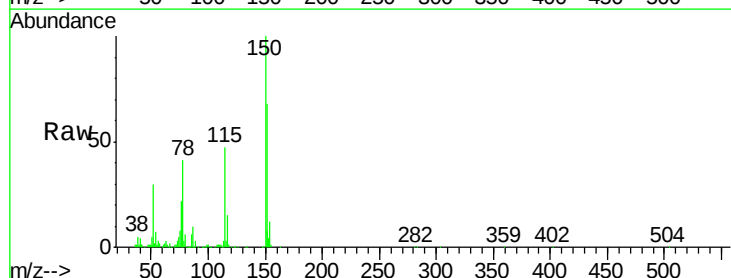
Tgt Ion: 79 Resp: 7063

Ion Ratio Lower Upper

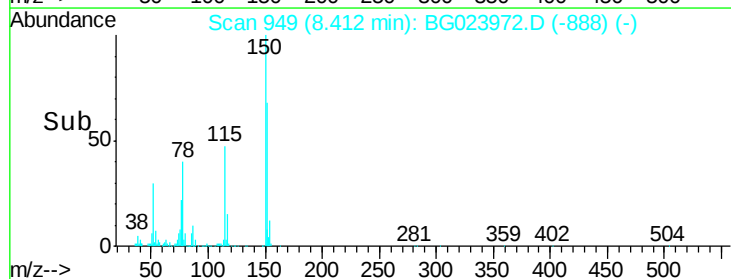
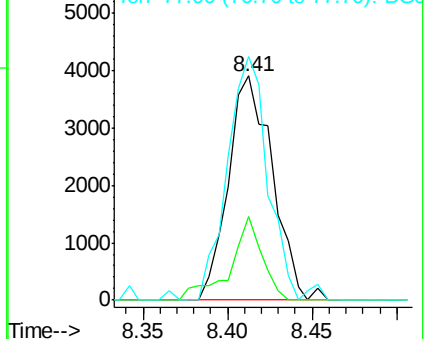
79 100

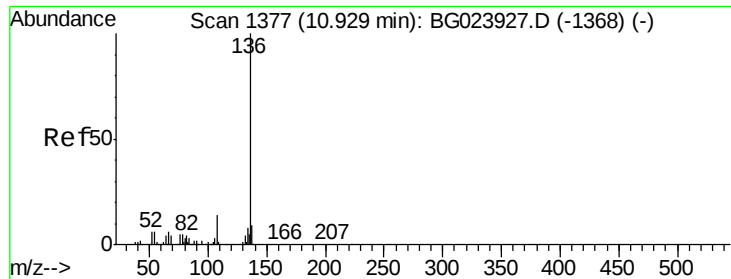
108 37.4 46.5 69.7#

77 108.6 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

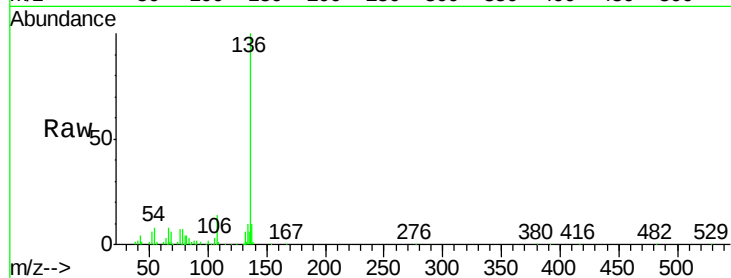




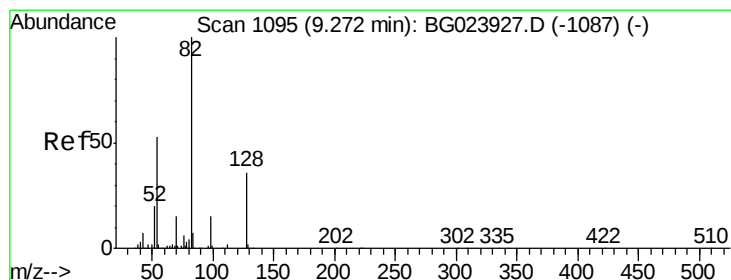
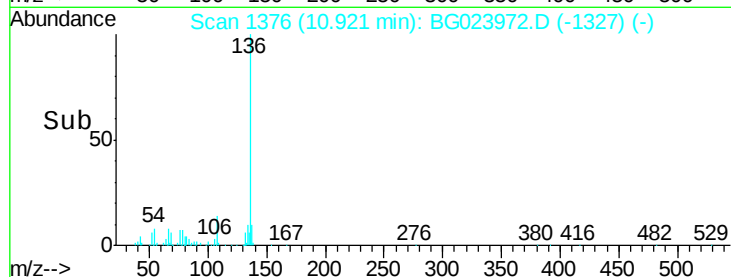
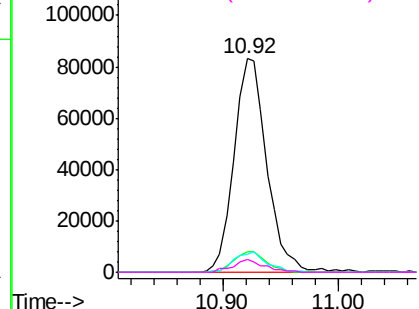
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.92 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BG023972.D
Acq: 9 Sep 2016 10:59

Instrument :
BNA_G
ClientSampleId :
PB93297BL

Tgt Ion:	136	Resp:	164214
Ion	Ratio	Lower	Upper
136	100		
137	9.7	9.6	14.4
54	8.4	7.3	10.9
68	5.8	5.3	7.9

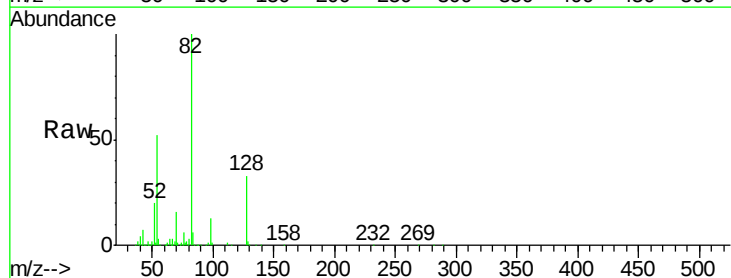


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

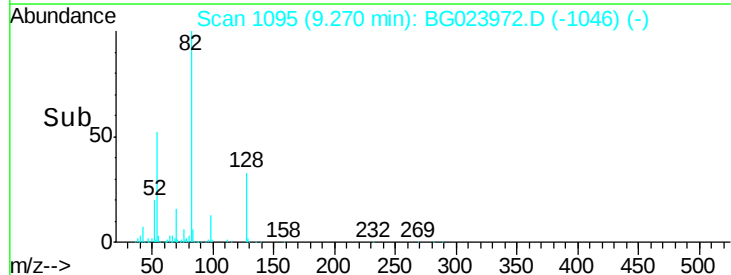
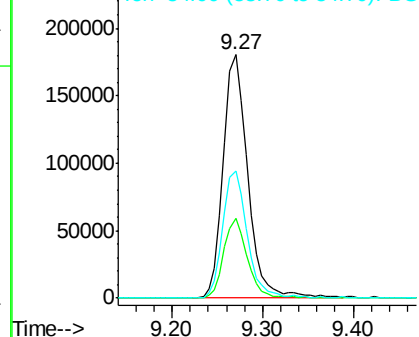


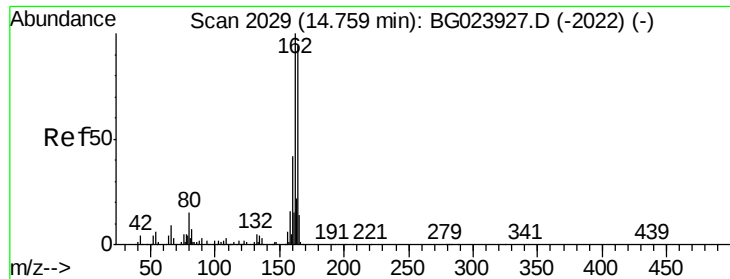
#23
Nitrobenzene-d5
Concen: 92.46 ng
RT: 9.27 min Scan# 1095
Delta R.T. -0.01 min
Lab File: BG023972.D
Acq: 9 Sep 2016 10:59

Tgt Ion:	82	Resp:	340094
Ion	Ratio	Lower	Upper
82	100		
128	32.9	24.4	36.6
54	52.4	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: 14.76 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BG023972.D

Acq: 9 Sep 2016 10:59

Instrument :

BNA_G

ClientSampleId :

PB93297BL

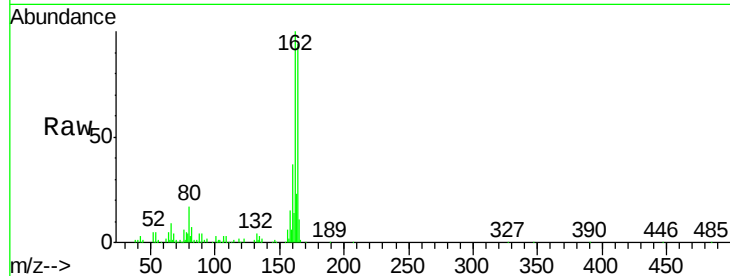
Tgt Ion:164 Resp: 134113

Ion Ratio Lower Upper

164 100

162 106.1 87.7 131.5

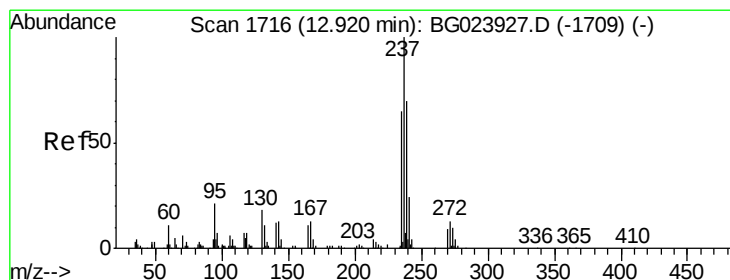
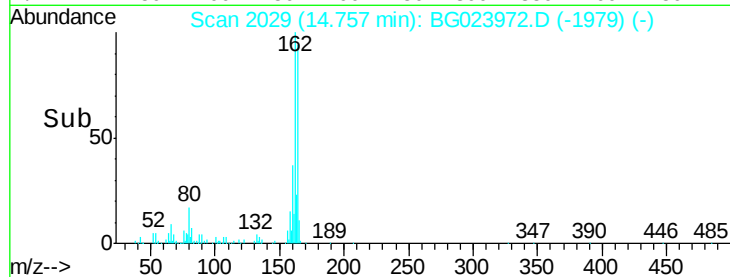
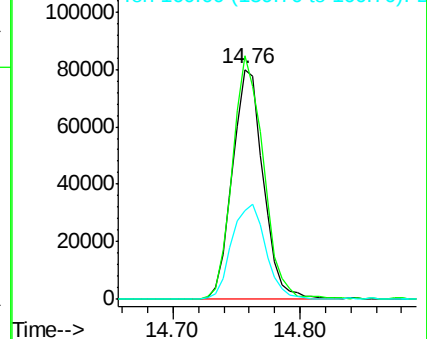
160 38.8 37.2 55.8



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: 12.74 min Scan# 1686

Delta R.T. -0.18 min

Lab File: BG023972.D

Acq: 9 Sep 2016 10:59

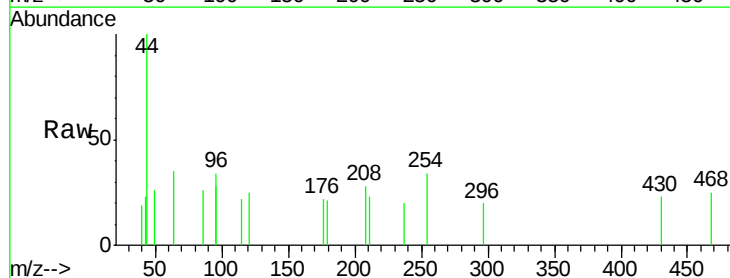
Tgt Ion:237 Resp: 59

Ion Ratio Lower Upper

237 100

235 0.0 43.1 83.1#

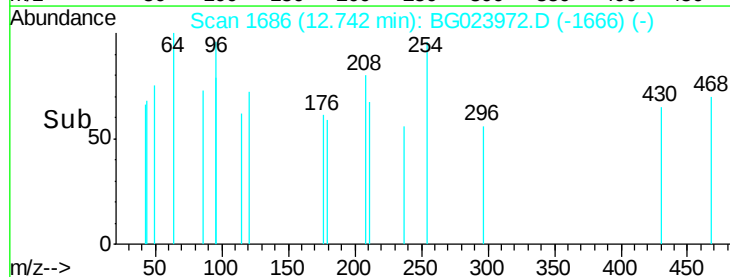
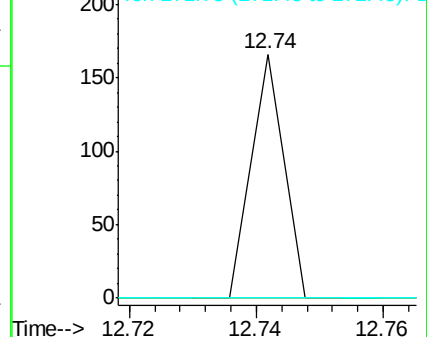
272 0.0 0.0 30.9

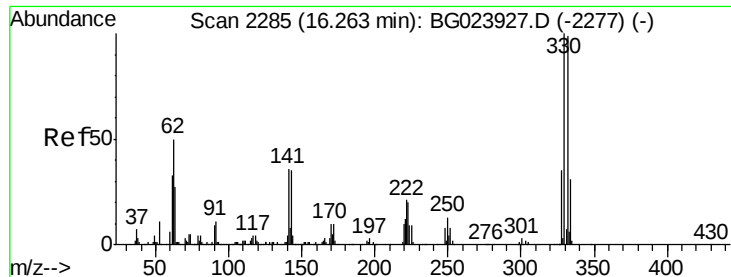


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

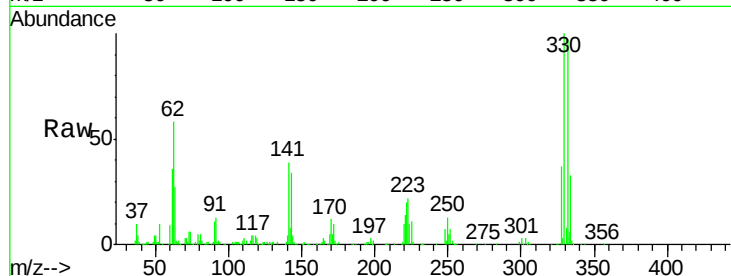




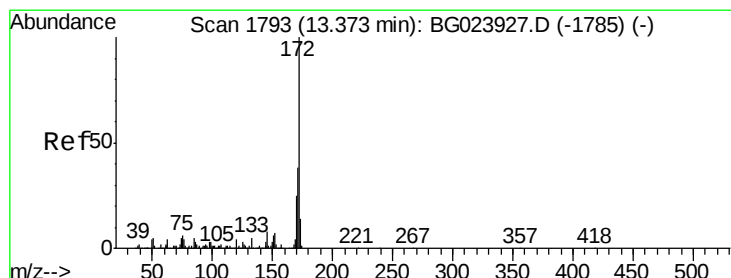
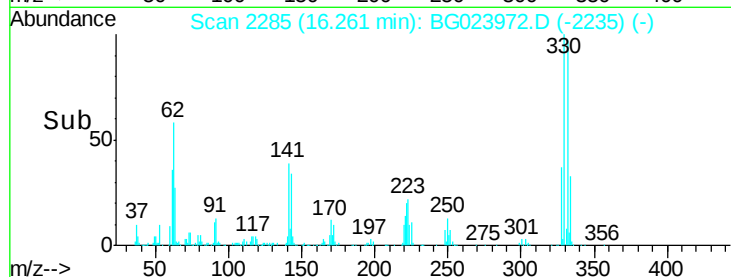
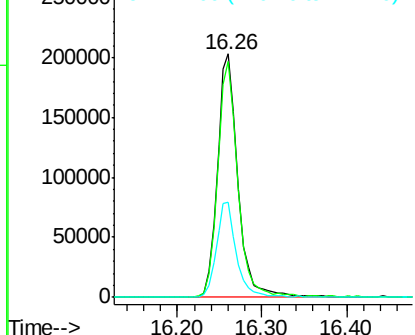
#41
 2,4,6-Tribromophenol
 Concen: 142.30 ng
 RT: 16.26 min Scan# 2285
 Delta R.T. -0.01 min
 Lab File: BG023927.D
 Acq: 9 Sep 2016 10:59

Instrument :
 BNA_G
 ClientSampled :
 PB93297BL

Tgt Ion:330 Resp: 343837
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.4 116.2
 141 38.1 31.7 47.5

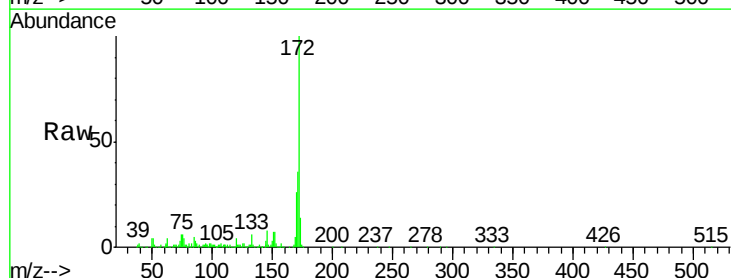


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

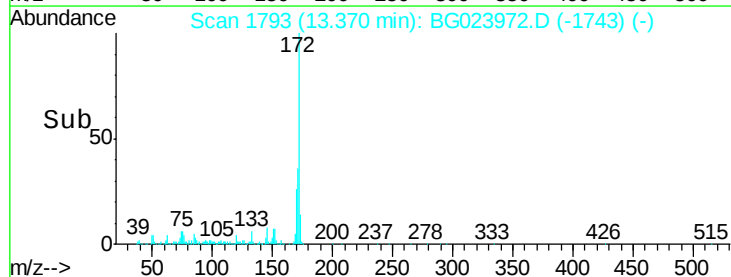
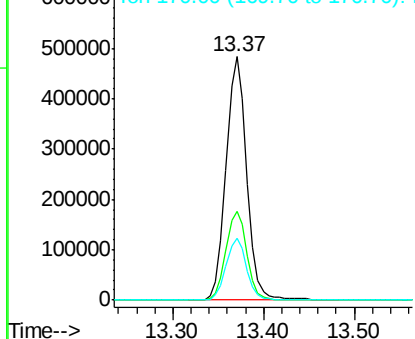


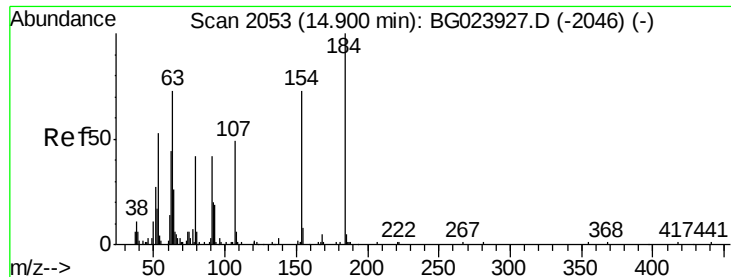
#44
 2-Fluorobiphenyl
 Concen: 81.50 ng
 RT: 13.37 min Scan# 1793
 Delta R.T. -0.01 min
 Lab File: BG023927.D
 Acq: 9 Sep 2016 10:59

Tgt Ion:172 Resp: 762373
 Ion Ratio Lower Upper
 172 100
 171 36.3 31.6 47.4
 170 25.5 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

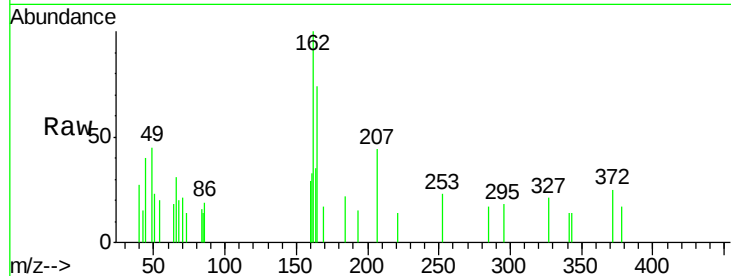




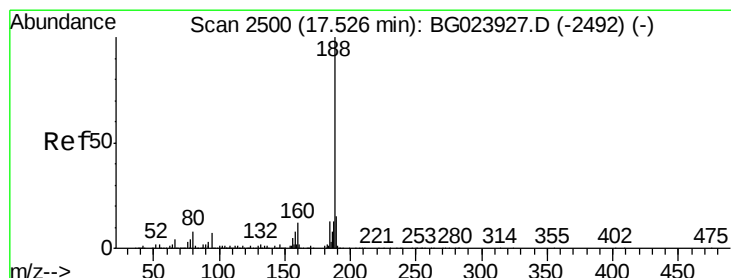
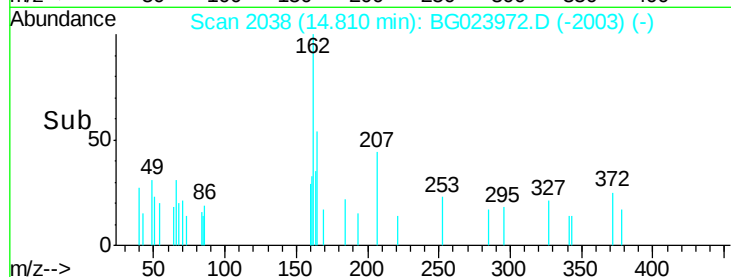
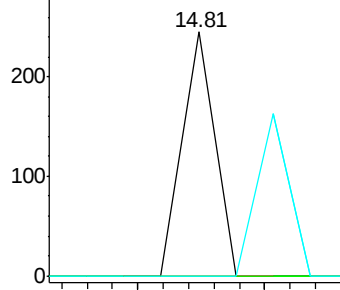
#53
2,4-Dinitrophenol
Concen: 6.56 ng
RT: 14.81 min Scan# 2038
Delta R.T. -0.10 min
Lab File: BG023927.D
Acq: 9 Sep 2016 10:59

Instrument :
BNA_G
ClientSampleId :
PB93297BL

Tgt Ion:184 Resp: 86
Ion Ratio Lower Upper
184 100
63 0.0 59.6 89.4#
154 0.0 67.4 101.0#

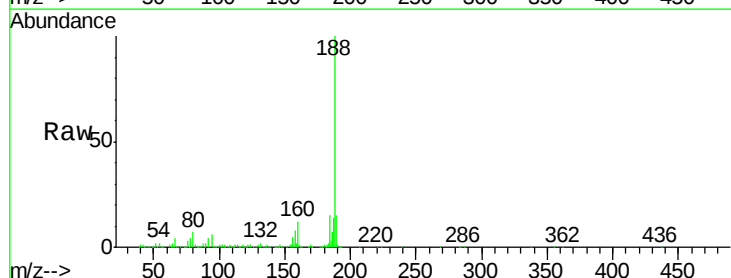


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG0
Ion 154.00 (153.70 to 154.70): E

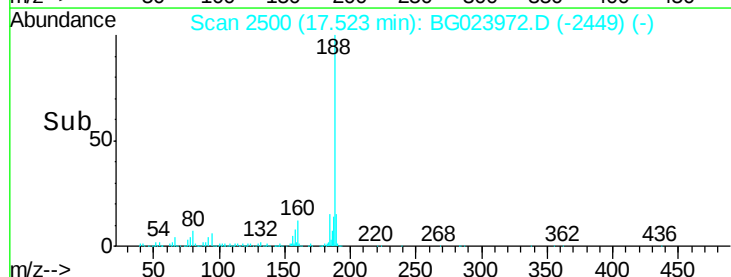
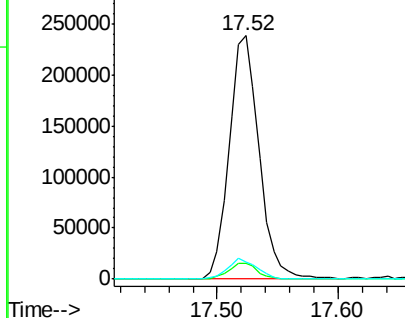


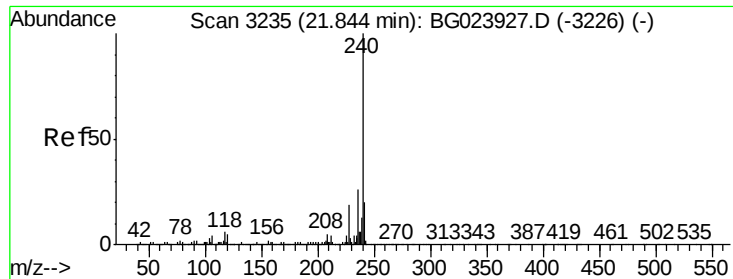
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.52 min Scan# 2500
Delta R.T. -0.00 min
Lab File: BG023927.D
Acq: 9 Sep 2016 10:59

Tgt Ion:188 Resp: 409611
Ion Ratio Lower Upper
188 100
94 6.4 5.2 7.8
80 7.1 7.2 10.8#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG0
Ion 80.00 (79.70 to 80.70): BG0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.84 min Scan# 3234

Delta R.T. -0.01 min

Lab File: BG023972.D

Acq: 9 Sep 2016 10:59

Instrument :

BNA_G

ClientSampleId :

PB93297BL

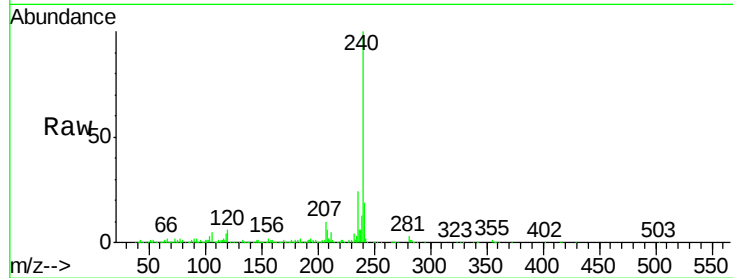
Tgt Ion:240 Resp: 426716

Ion Ratio Lower Upper

240 100

120 5.7 4.1 6.1

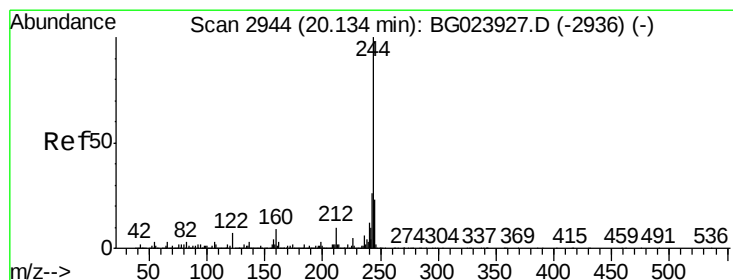
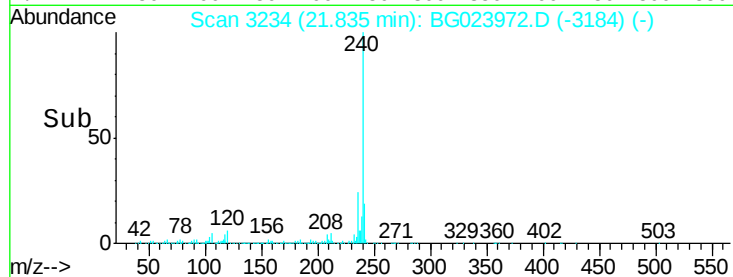
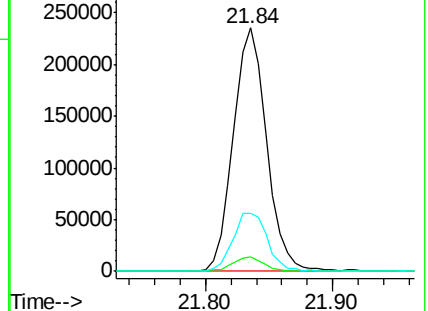
236 23.7 21.1 31.7



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: 86.06 ng

RT: 20.13 min Scan# 2943

Delta R.T. -0.01 min

Lab File: BG023972.D

Acq: 9 Sep 2016 10:59

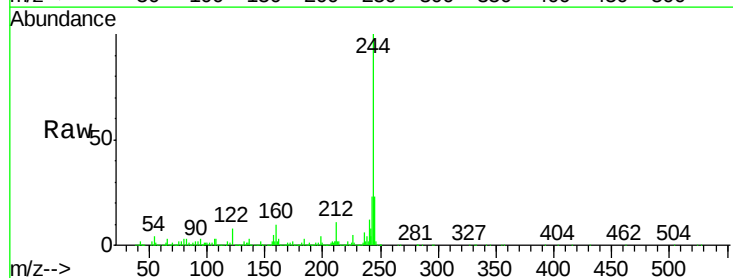
Tgt Ion:244 Resp: 1612494

Ion Ratio Lower Upper

244 100

212 10.6 10.8 16.2#

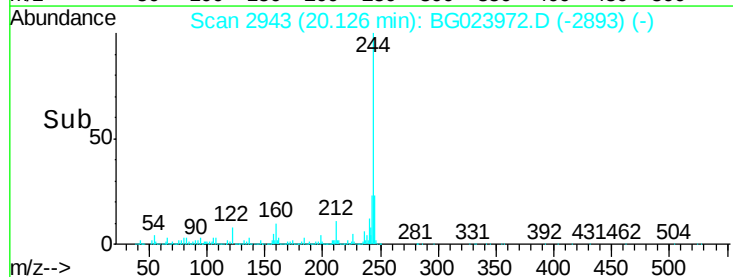
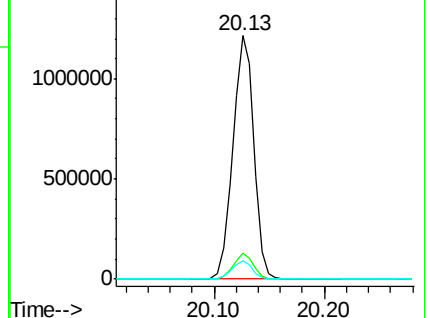
122 7.6 8.0 12.0#

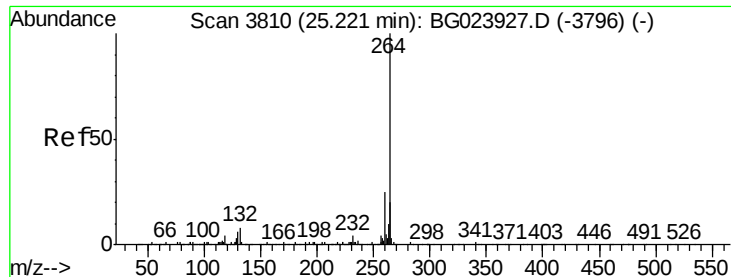


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

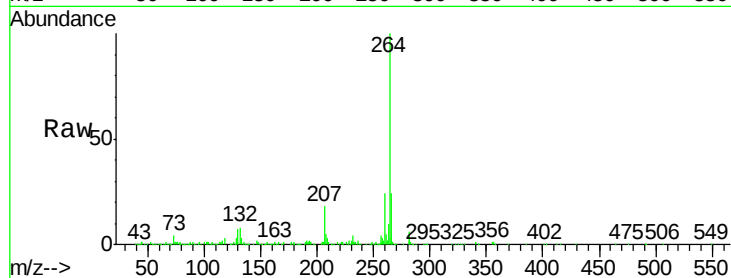




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.20 min Scan# 3807
 Delta R.T. -0.01 min
 Lab File: BG023972.D
 Acq: 9 Sep 2016 10:59

Instrument :
 BNA_G
 ClientSampleId :
 PB93297BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.4	27.6
265	23.7	18.9	28.3



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

