

Data Path : Z:\HPCHEM1\BNA G\DATA\BG090816\
 Data File : BG023970.D
 Acq On : 8 Sep 2016 18:16
 Operator : UM/SJ
 Sample : PB93297BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB93297BL

Quant Time: Sep 08 19:07:54 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 15 05:42:37 2004
 Response via : Initial Calibration

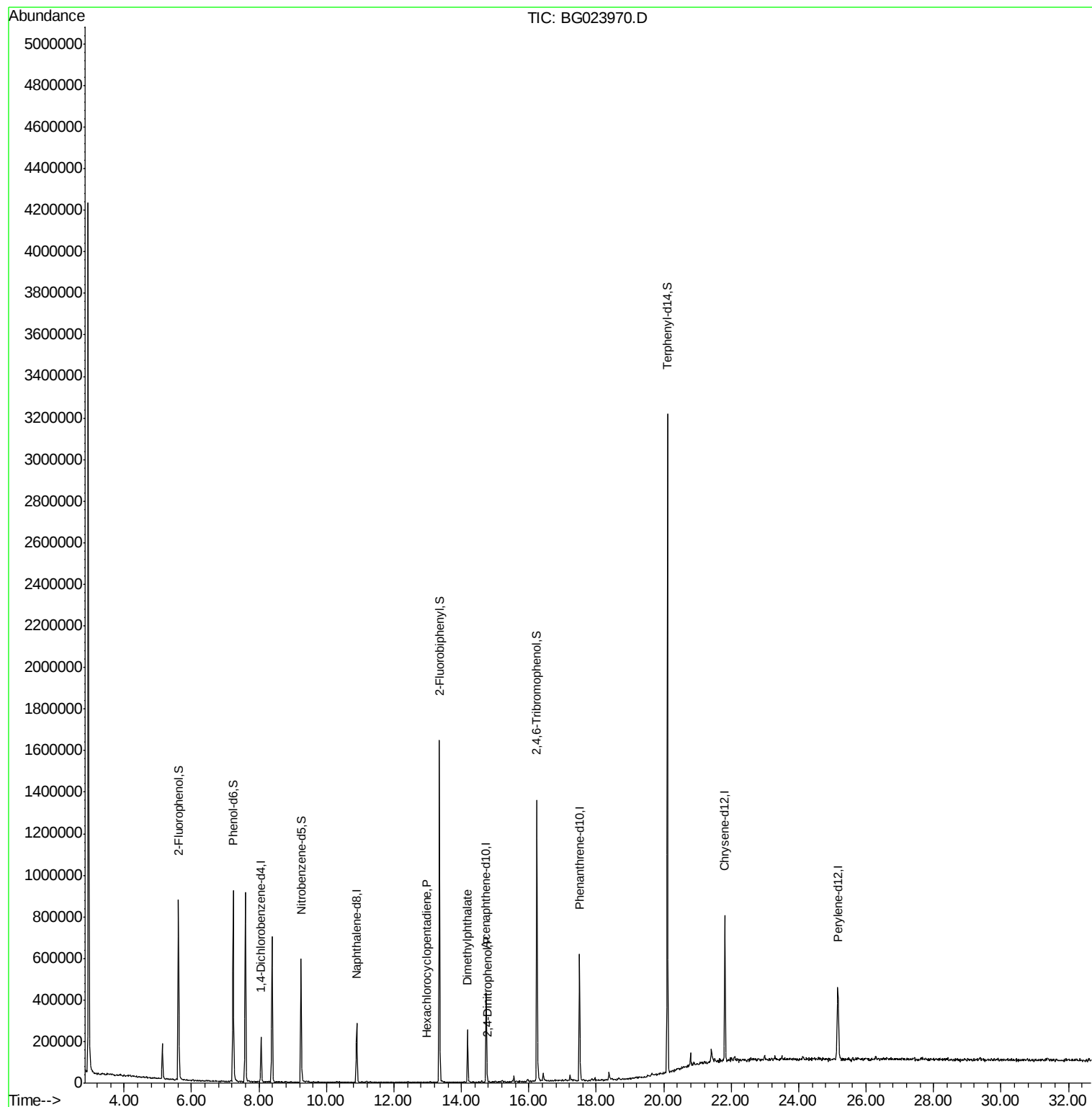
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	52540	20.00	ng	-0.07
21) Naphthalene-d8	10.90	136	213675	20.00	ng	-0.06
38) Acenaphthene-d10	14.73	164	145452	20.00	ng	-0.05
63) Phenanthrene-d10	17.50	188	357364	20.00	ng	-0.05
75) Chrysene-d12	21.81	240	419275	20.00	ng	-0.05
86) Perylene-d12	25.16	264	411202	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	334582	111.80	ng	-0.06
7) Phenol-d6	7.23	99	492023	106.81	ng	-0.06
23) Nitrobenzene-d5	9.25	82	378206	79.02	ng	-0.06
41) 2,4,6-Tribromophenol	16.24	330	250628	95.64	ng	-0.05
44) 2-Fluorobiphenyl	13.35	172	771349	76.03	ng	-0.06
78) Terphenyl-d14	20.11	244	1333077	72.41	ng	-0.04
Target Compounds						
40) Hexachlorocyclopentadiene	12.97	237	130	7.12	ng	# 26
49) Dimethylphthalate	14.19	163	153225	12.29	ng	98
53) 2,4-Dinitrophenol	14.79	184	72	6.55	ng	# 10

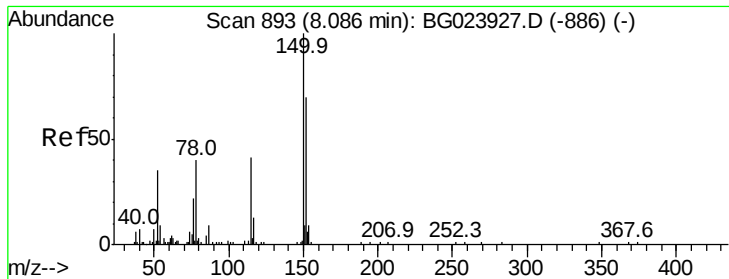
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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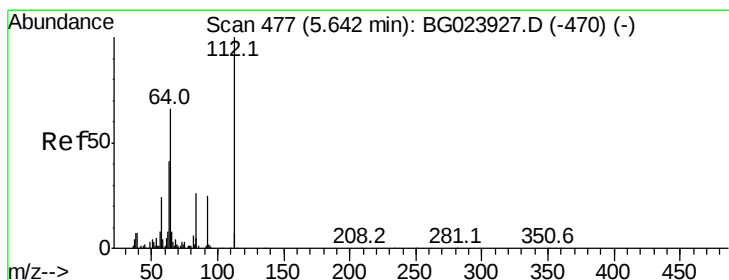
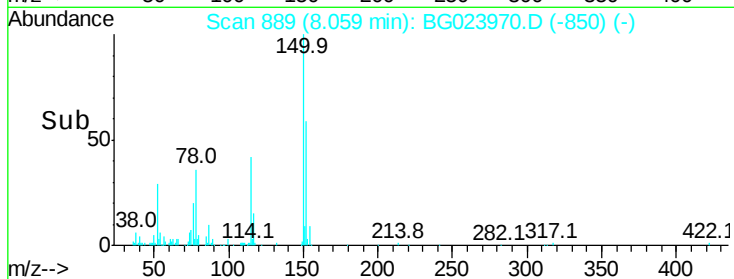
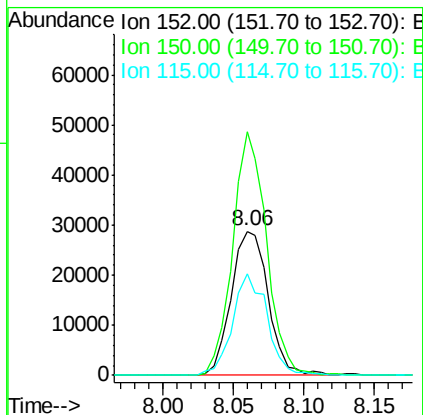
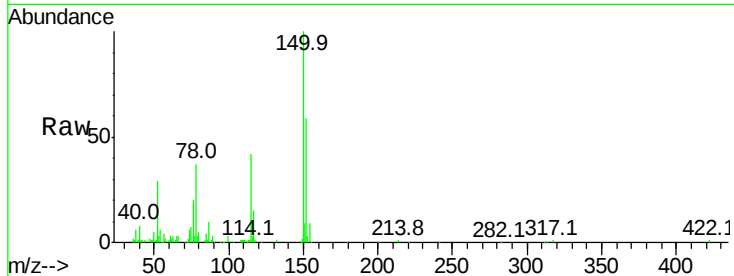


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.06 min Scan# 889
Delta R.T. -0.07 min
Lab File: BG023970.D
Acq: 8 Sep 2016 18:16

Instrument :
BNA_G
ClientSampleId :
PB93297BL

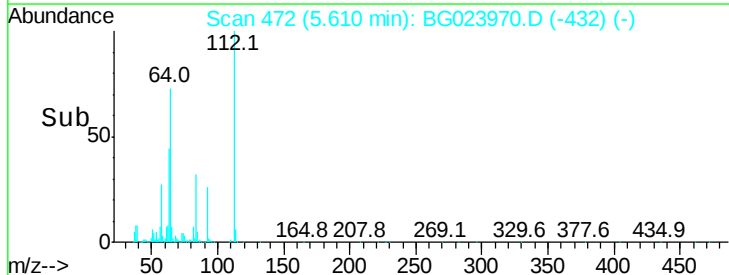
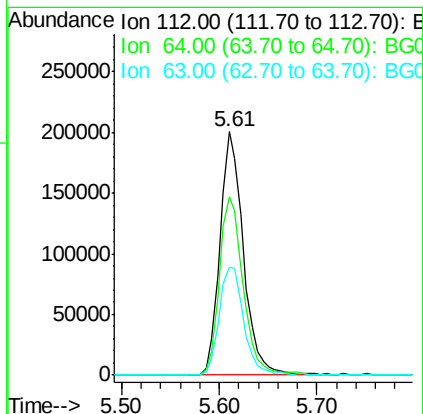
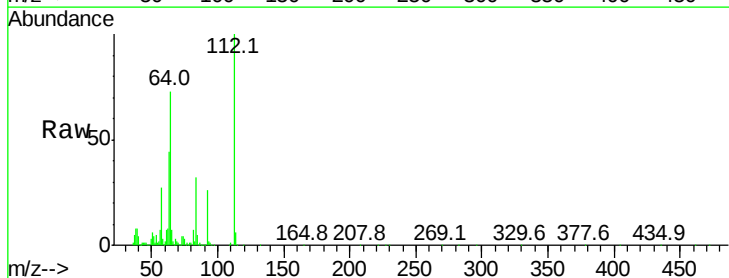
Tot Ion	Ratio	Lower	Upper
152	100		
150	169.2	144.7	217.1
115	70.6	64.0	96.0

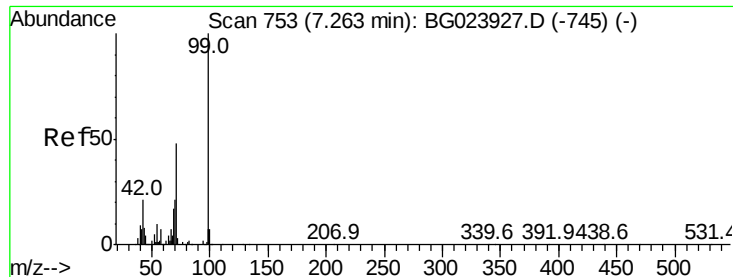


#5

2-Fluorophenol
Concen: 111.80 ng
RT: 5.61 min Scan# 472
Delta R.T. -0.06 min
Lab File: BG023970.D
Acq: 8 Sep 2016 18:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.3	59.0	88.4
63	44.1	37.8	56.8





#7

Phenol-d6

Concen: 106.81 ng

RT: 7.23 min Scan# 748

Delta R.T. -0.06 min

Lab File: BG023970.D

Acq: 8 Sep 2016 18:16

Instrument :

BNA_G

ClientSampleId :

PB93297BL

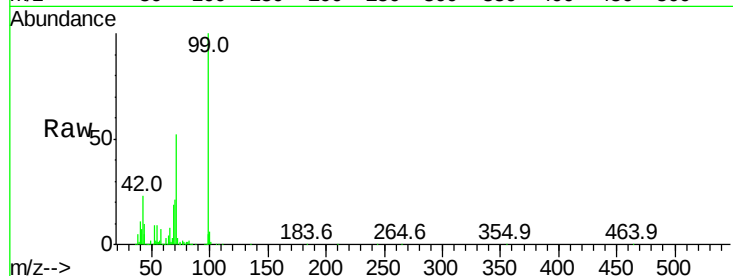
Tot Ion: 99 Resp: 492023

Ion Ratio Lower Upper

99 100

42 23.3 17.8 26.6

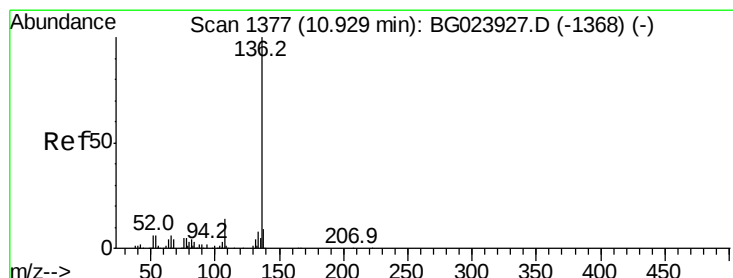
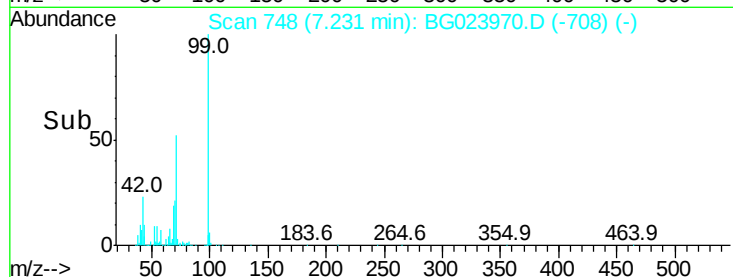
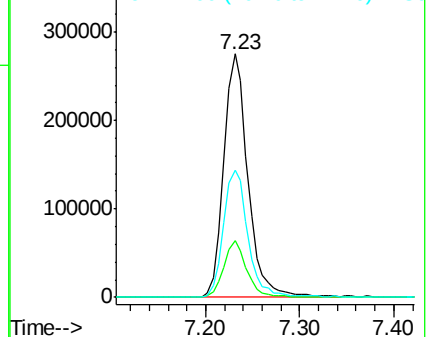
71 52.3 41.5 62.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.90 min Scan# 1372

Delta R.T. -0.06 min

Lab File: BG023970.D

Acq: 8 Sep 2016 18:16

Tgt Ion: 136 Resp: 213675

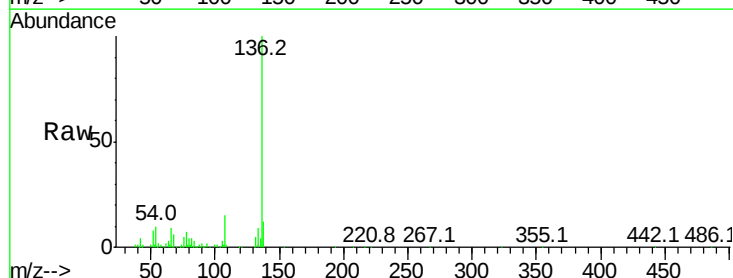
Ion Ratio Lower Upper

136 100

137 12.1 9.6 14.4

54 9.6 7.3 10.9

68 5.6 5.3 7.9

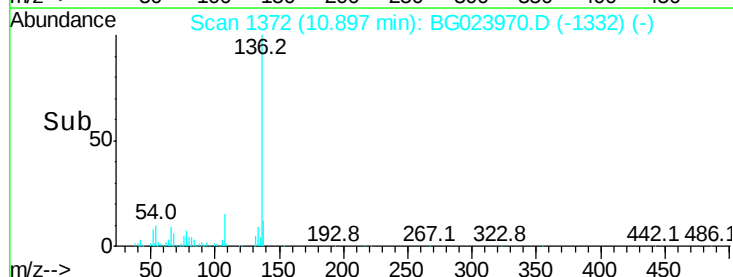
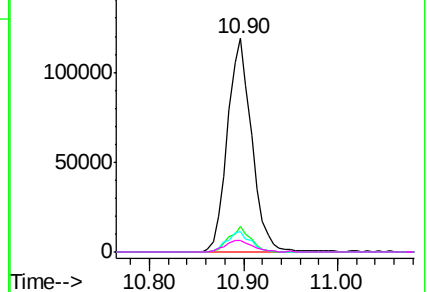


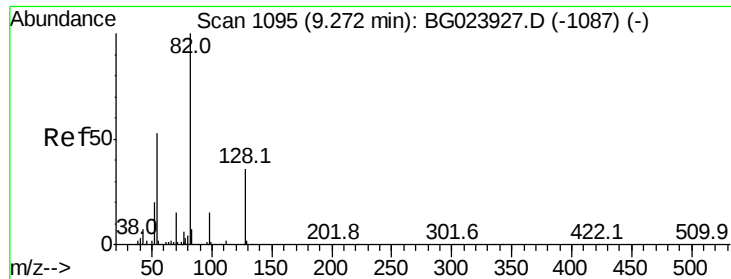
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

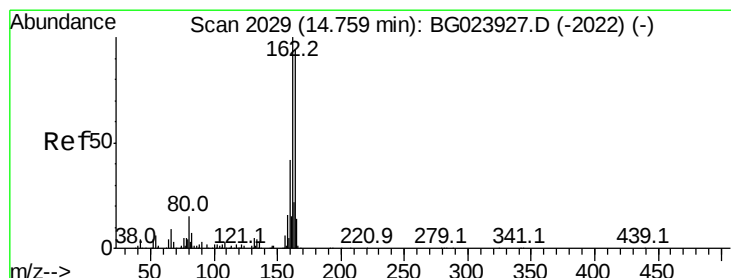
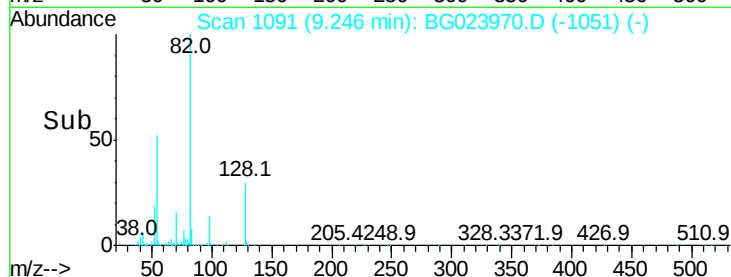
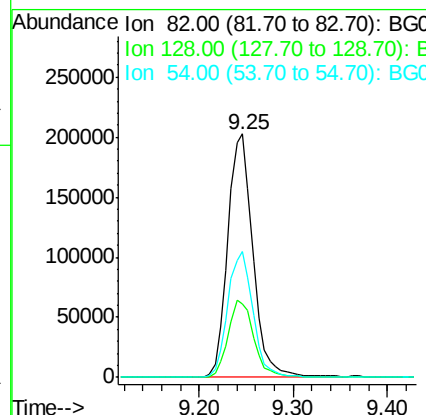
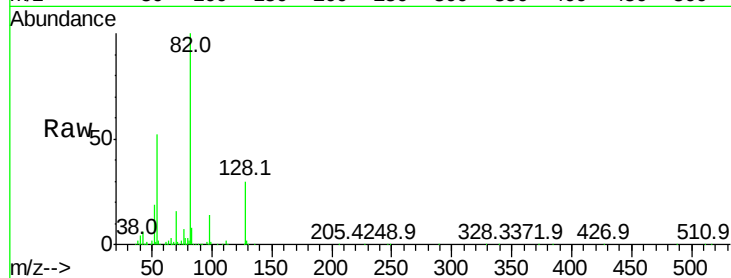




#23
 Nitrobenzene-d5
 Concen: 79.02 ng
 RT: 9.25 min Scan# 1091
 Delta R.T. -0.06 min
 Lab File: BG023970.D
 Acq: 8 Sep 2016 18:16

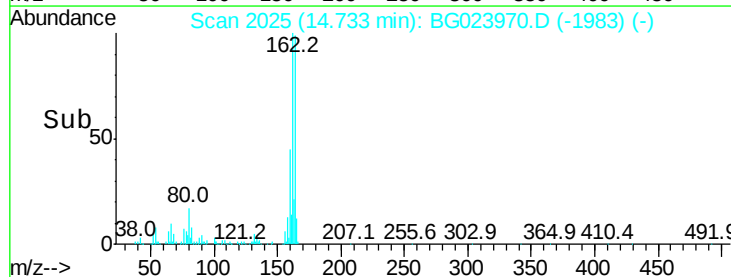
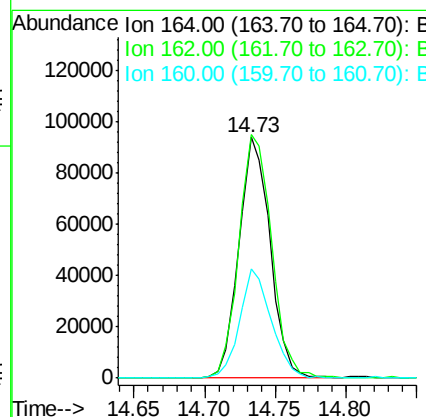
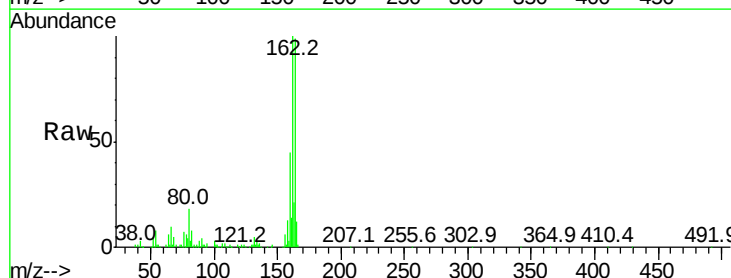
Instrument :
 BNA_G
 ClientSampleId :
 PB93297BL

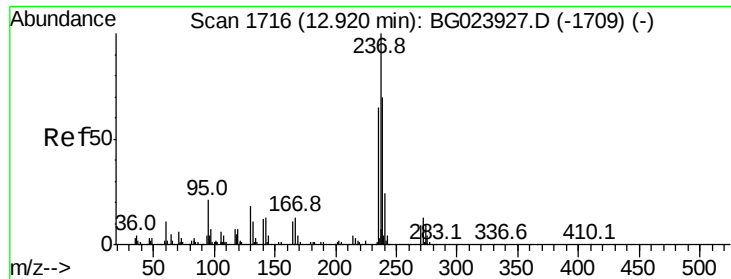
Tot Ion	82	Resp	378206
Ion Ratio	100	Lower	Upper
128	30.3	24.4	36.6
54	51.7	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.73 min Scan# 2025
 Delta R.T. -0.05 min
 Lab File: BG023970.D
 Acq: 8 Sep 2016 18:16

Tgt Ion	164	Resp	145452
Ion Ratio	100	Lower	Upper
162	101.2	87.7	131.5
160	45.2	37.2	55.8





#40

Hexachlorocyclopentadiene

Concen: 7.12 ng

RT: 12.97 min Scan# 1725

Delta R.T. 0.02 min

Lab File: BG023970.D

Acq: 8 Sep 2016 18:16

Instrument :

BNA_G

ClientSampled :

PB93297BL

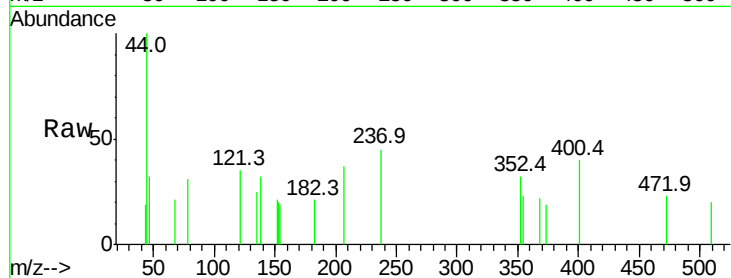
Tot Ion:237 Resp: 130

Ion Ratio Lower Upper

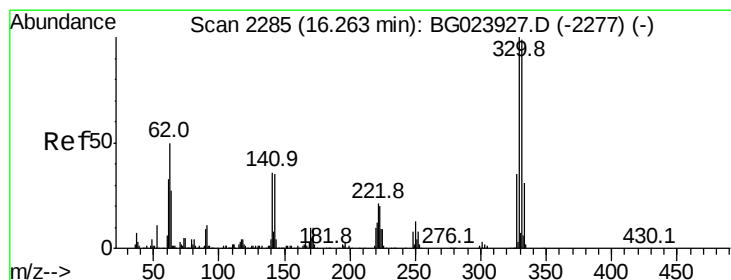
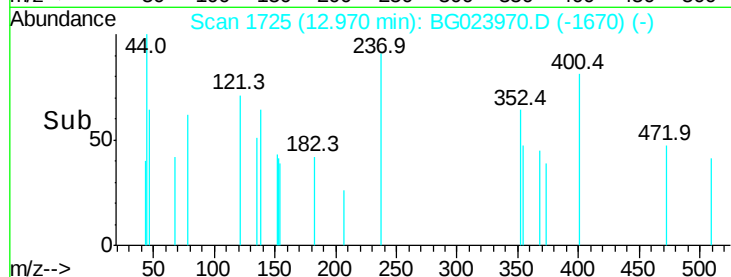
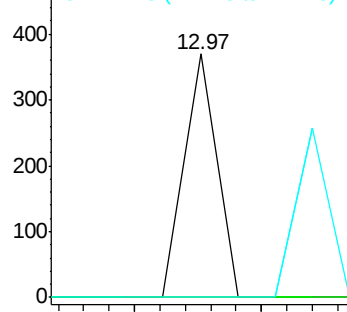
237 100

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: 95.64 ng

RT: 16.24 min Scan# 2281

Delta R.T. -0.05 min

Lab File: BG023970.D

Acq: 8 Sep 2016 18:16

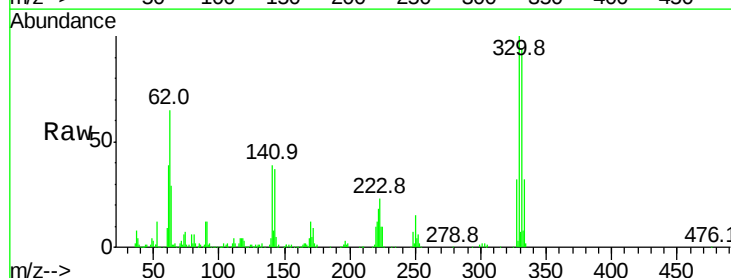
Tgt Ion:330 Resp: 250628

Ion Ratio Lower Upper

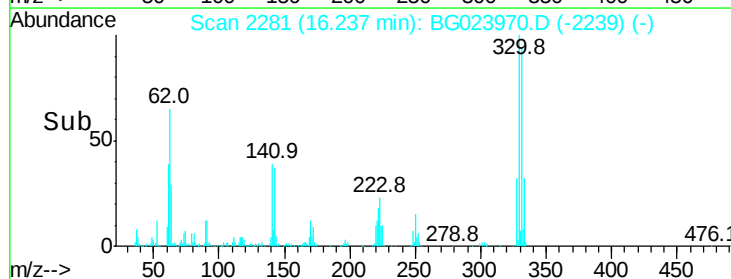
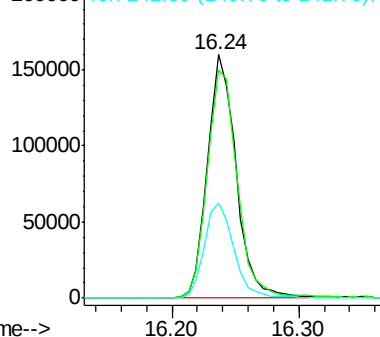
330 100

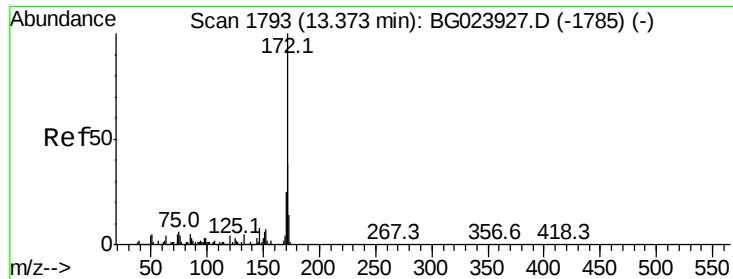
332 98.7 77.4 116.2

141 40.3 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

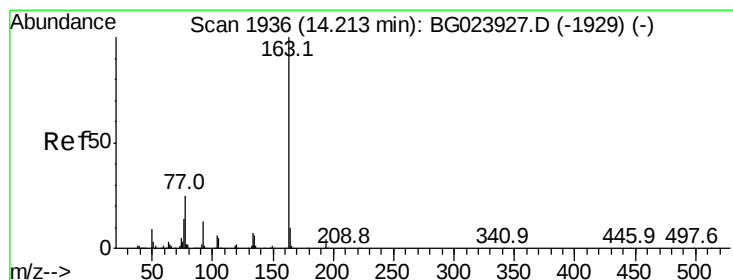
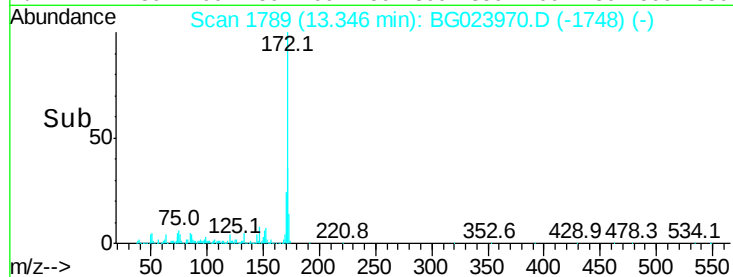
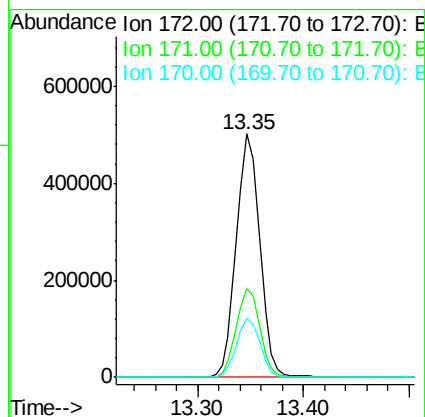
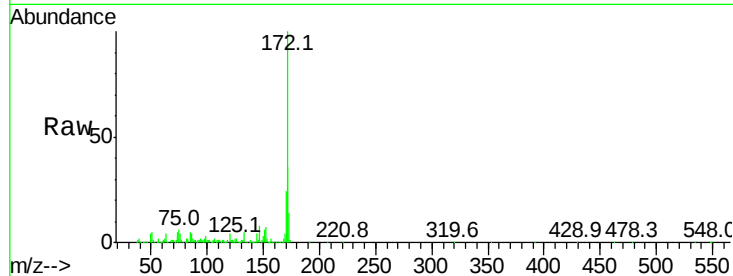




#44
2-Fluorobiphenyl
Concen: 76.03 ng
RT: 13.35 min Scan# 1789
Delta R.T. -0.06 min
Lab File: BG023970.D
Acq: 8 Sep 2016 18:16

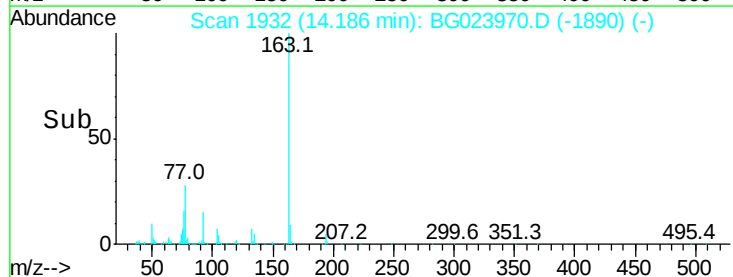
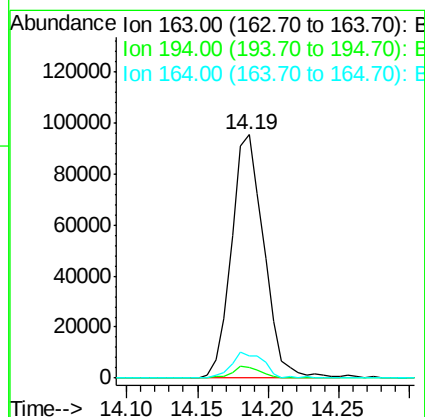
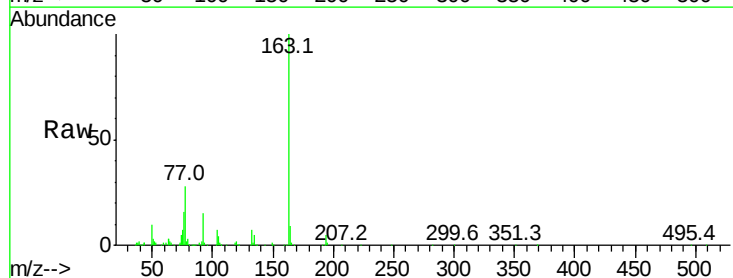
Instrument :
BNA_G
ClientSampleId :
PB93297BL

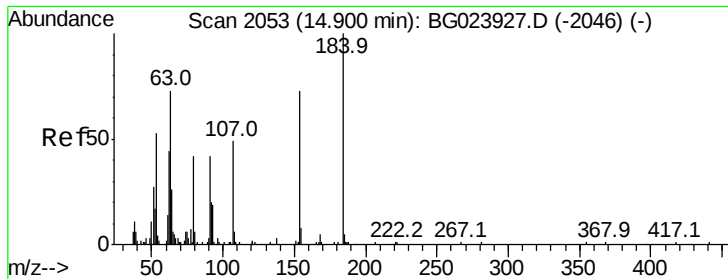
Tot Ion:172 Resp: 771349
Ion Ratio Lower Upper
172 100
171 36.2 31.6 47.4
170 24.4 21.3 31.9



#49
Dimethylphthalate
Concen: 12.29 ng
RT: 14.19 min Scan# 1932
Delta R.T. -0.05 min
Lab File: BG023970.D
Acq: 8 Sep 2016 18:16

Tgt Ion:163 Resp: 153225
Ion Ratio Lower Upper
163 100
194 4.6 3.6 5.4
164 9.2 8.1 12.1

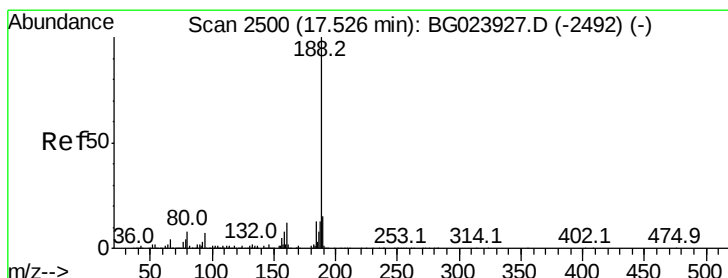
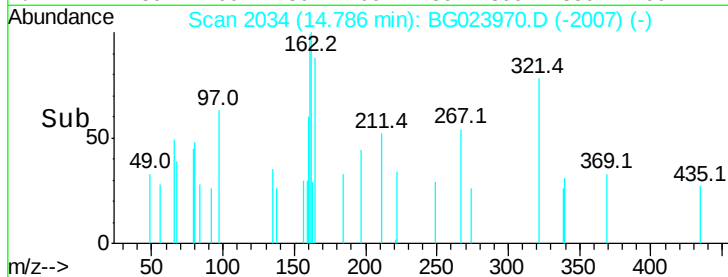
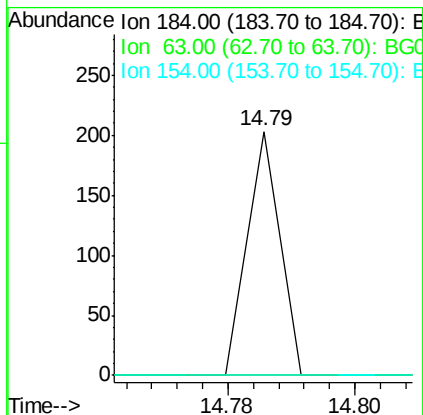
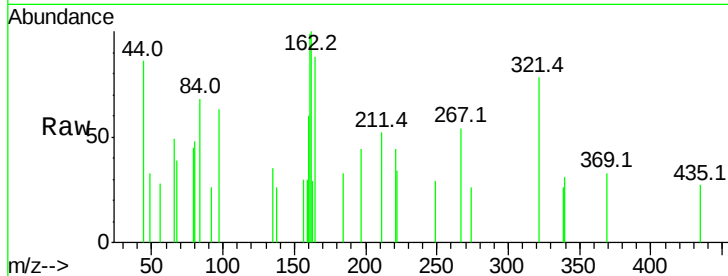




#53
 2,4-Dinitrophenol
 Concen: 6.55 ng
 RT: 14.79 min Scan# 2034
 Delta R.T. -0.14 min
 Lab File: BG023970.D
 Acq: 8 Sep 2016 18:16

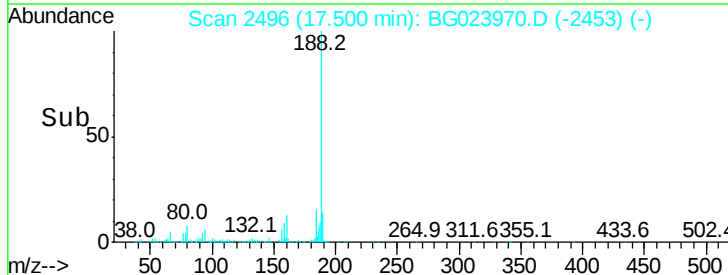
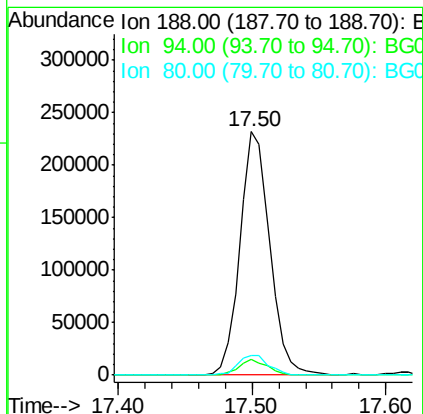
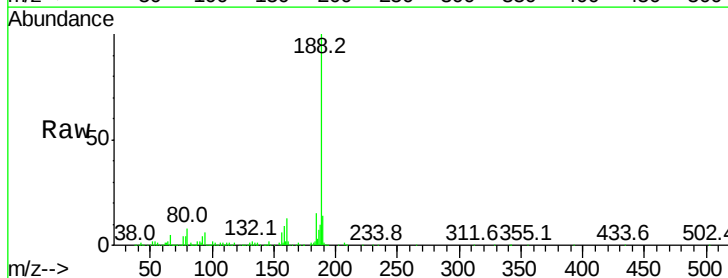
Instrument :
 BNA_G
 ClientSampleId :
 PB93297BL

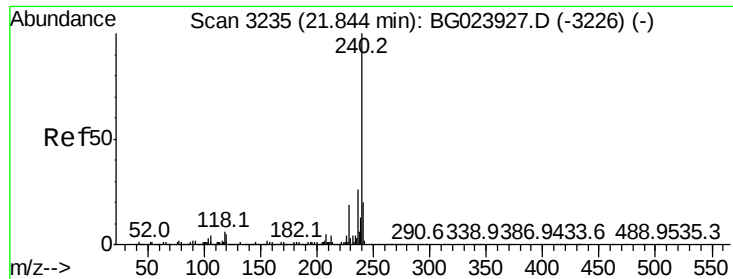
Tot Ion:184 Resp: 72
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.6 89.4#
 154 0.0 67.4 101.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.50 min Scan# 2496
 Delta R.T. -0.05 min
 Lab File: BG023970.D
 Acq: 8 Sep 2016 18:16

Tgt Ion:188 Resp: 357364
 Ion Ratio Lower Upper
 188 100
 94 6.3 5.2 7.8
 80 8.1 7.2 10.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.81 min Scan# 3230

Delta R.T. -0.05 min

Lab File: BG023970.D

Acq: 8 Sep 2016 18:16

Instrument :

BNA_G

ClientSampleId :

PB93297BL

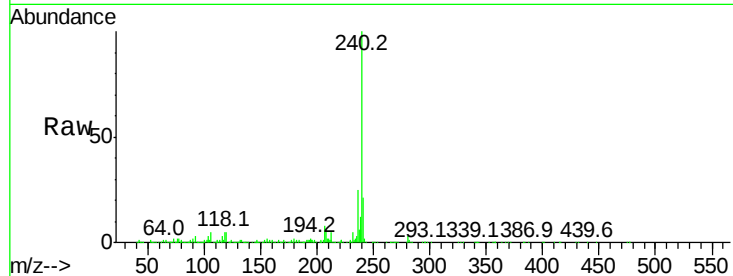
Tot Ion:240 Resp: 419275

Ion Ratio Lower Upper

240 100

120 4.7 4.1 6.1

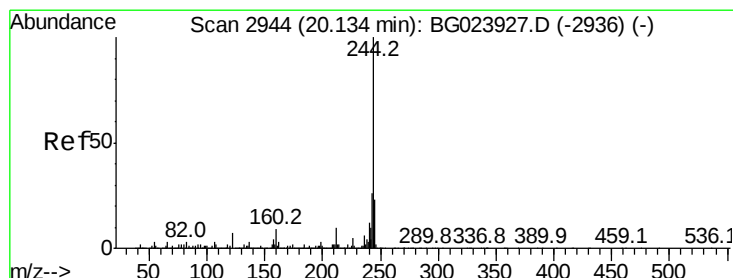
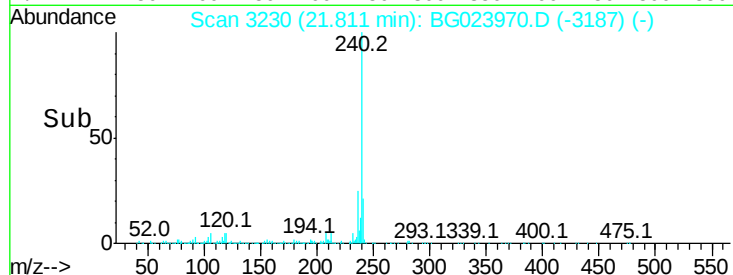
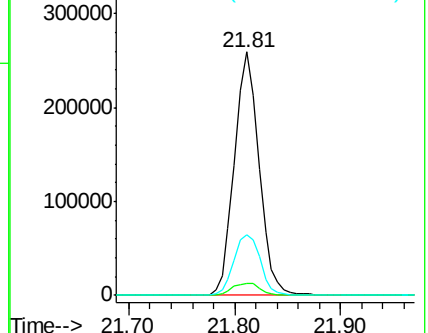
236 24.9 21.1 31.7



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: 72.41 ng

RT: 20.11 min Scan# 2940

Delta R.T. -0.04 min

Lab File: BG023970.D

Acq: 8 Sep 2016 18:16

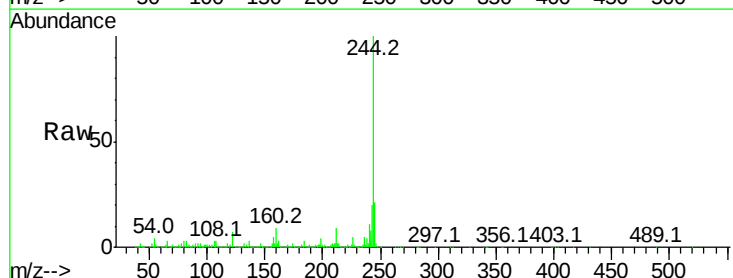
Tgt Ion:244 Resp: 1333077

Ion Ratio Lower Upper

244 100

212 9.1 10.8 16.2#

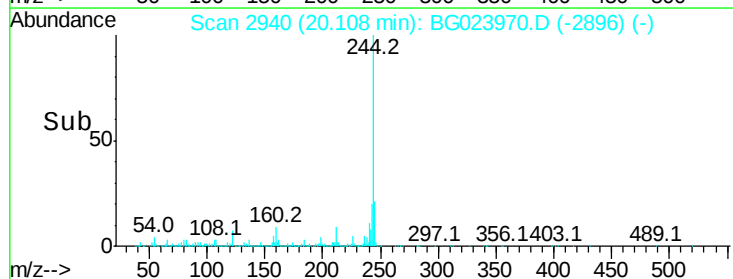
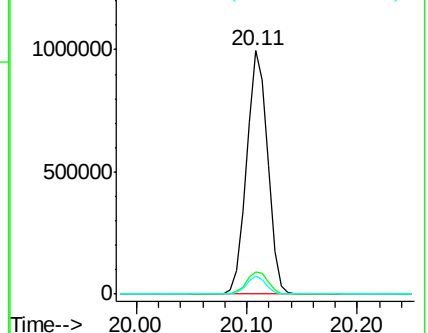
122 7.4 8.0 12.0#

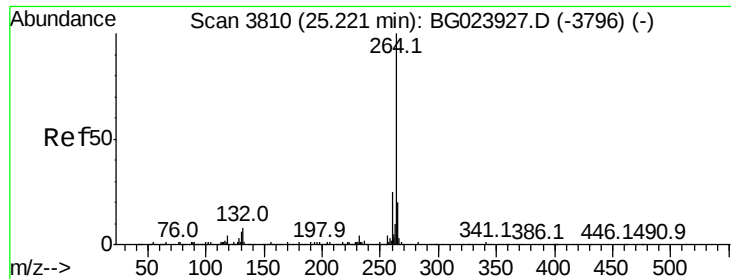


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

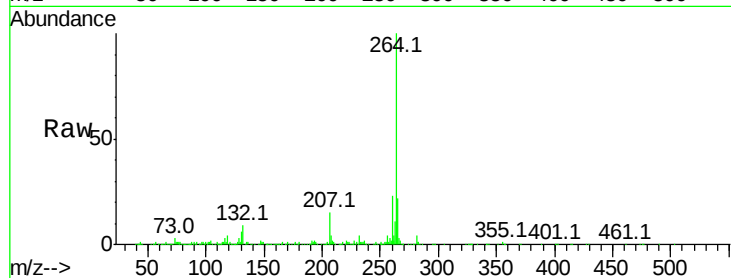




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.16 min Scan# 3800
 Delta R.T. -0.09 min
 Lab File: BG023970.D
 Acq: 8 Sep 2016 18:16

Instrument :
 BNA_G
 ClientSampleId :
 PB93297BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.4	27.6
265	21.8	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

