

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091916\
 Data File : BG024023.D
 Acq On : 19 Sep 2016 18:15
 Operator : UM/SJ
 Sample : PB93461BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB93461BL

Quant Time: Sep 20 00:54:01 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

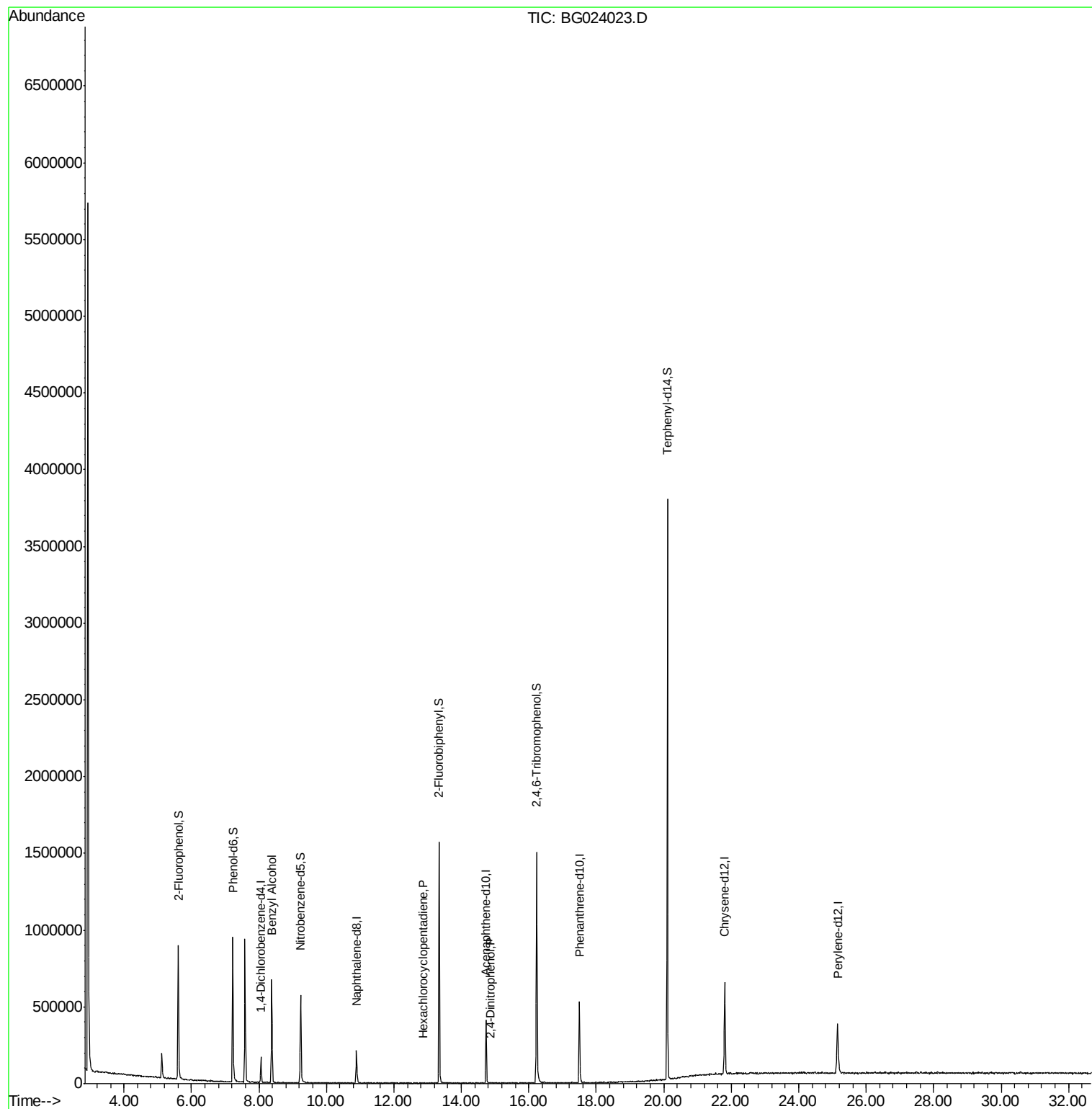
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	41594	20.00	ng	-0.05
21) Naphthalene-d8	10.89	136	174653	20.00	ng	-0.05
38) Acenaphthene-d10	14.73	164	148240	20.00	ng	-0.04
63) Phenanthrene-d10	17.50	188	365005	20.00	ng	-0.03
75) Chrysene-d12	21.80	240	429795	20.00	ng	-0.04
86) Perylene-d12	25.15	264	402205	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	354092	149.46	ng	-0.04
7) Phenol-d6	7.22	99	518454	142.16	ng	-0.05
23) Nitrobenzene-d5	9.24	82	390766	99.89	ng	-0.05
41) 2,4,6-Tribromophenol	16.23	330	296115	110.87	ng	-0.04
44) 2-Fluorobiphenyl	13.34	172	794669	76.86	ng	-0.04
78) Terphenyl-d14	20.10	244	1572689	83.33	ng	-0.03
Target Compounds						
15) Benzyl Alcohol	8.37	79	6619	2.06	ng	# 57
40) Hexachlorocyclopentadiene	12.87	237	83	7.11	ng	# 26
53) 2,4-Dinitrophenol	14.85	184	65	6.54	ng	# 10

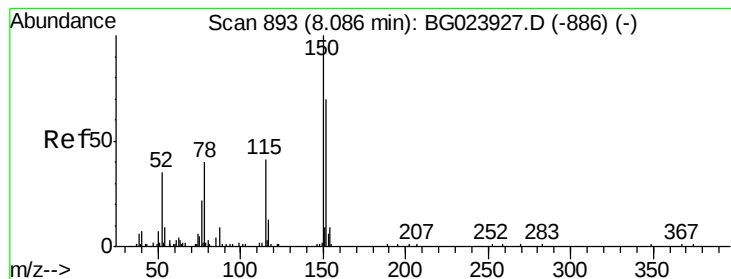
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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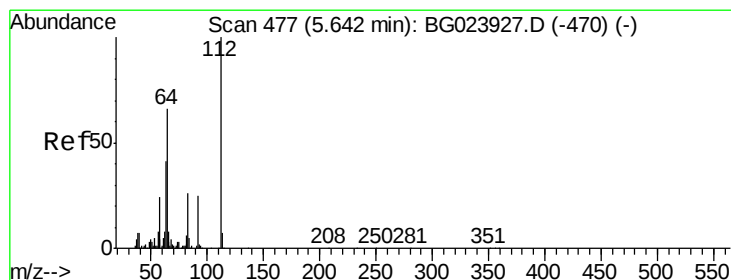
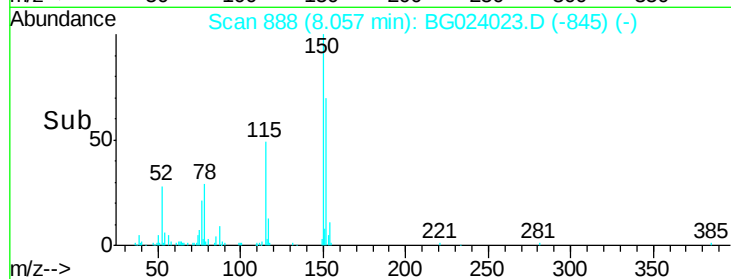
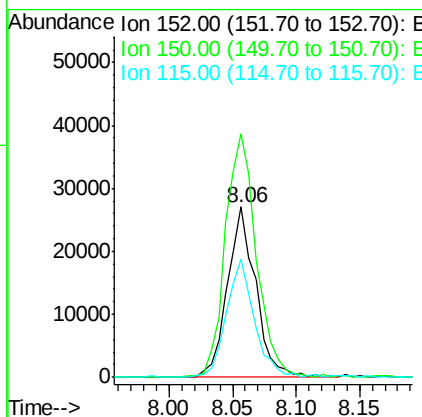
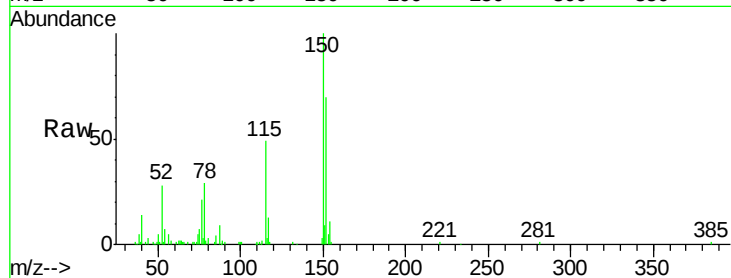


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.06 min Scan# 888
Delta R.T. -0.05 min
Lab File: BG024023.D
Acq: 19 Sep 2016 18:15

Instrument :
BNA_G
ClientSampleId :
PB93461BL

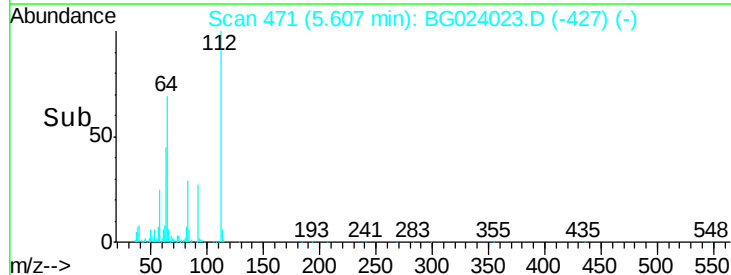
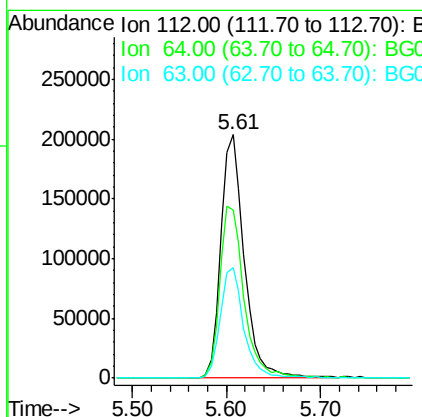
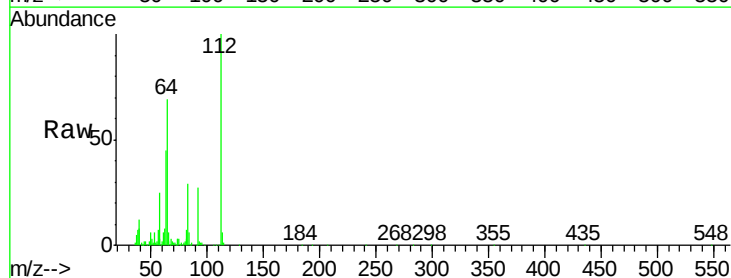
Tgt Ion:152 Resp: 41594
Ion Ratio Lower Upper
152 100
150 142.9 144.7 217.1#
115 69.5 64.0 96.0

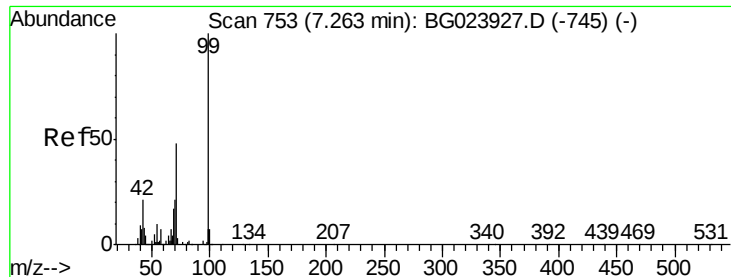


#5

2-Fluorophenol
Concen: 149.46 ng
RT: 5.61 min Scan# 471
Delta R.T. -0.04 min
Lab File: BG024023.D
Acq: 19 Sep 2016 18:15

Tgt Ion:112 Resp: 354092
Ion Ratio Lower Upper
112 100
64 69.1 59.0 88.4
63 45.5 37.8 56.8





#7

Phenol-d6

Concen: 142.16 ng

RT: 7.22 min Scan# 746

Delta R.T. -0.05 min

Lab File: BG024023.D

Acq: 19 Sep 2016 18:15

Instrument :

BNA_G

ClientSampleId :

PB93461BL

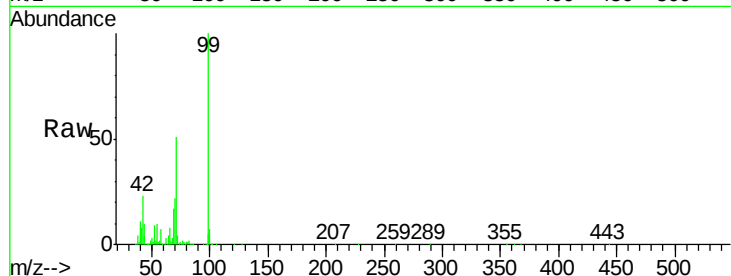
Tgt Ion: 99 Resp: 518454

Ion Ratio Lower Upper

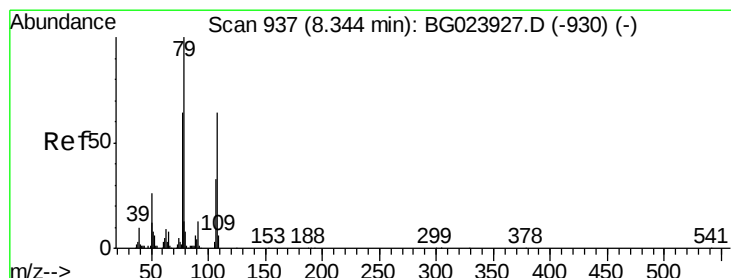
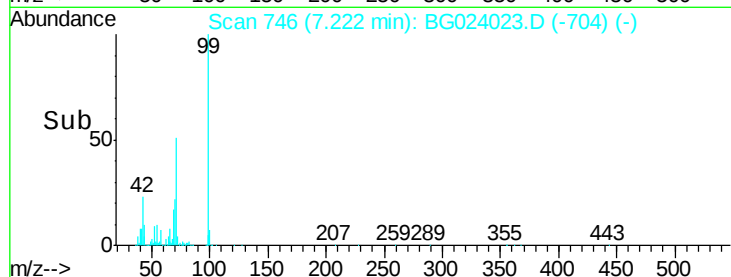
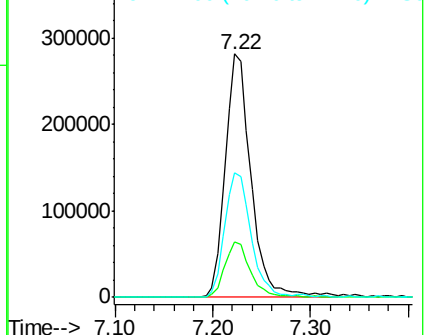
99 100

42 22.7 17.8 26.6

71 51.2 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: 8.37 min Scan# 942

Delta R.T. 0.02 min

Lab File: BG024023.D

Acq: 19 Sep 2016 18:15

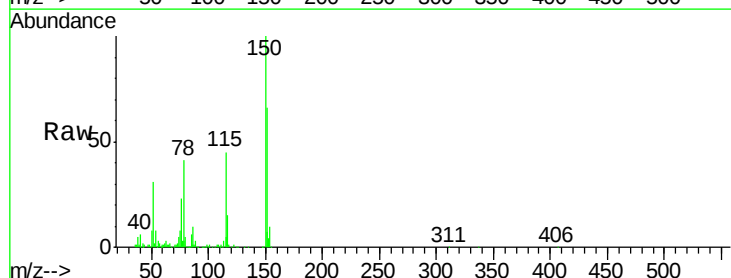
Tgt Ion: 79 Resp: 6619

Ion Ratio Lower Upper

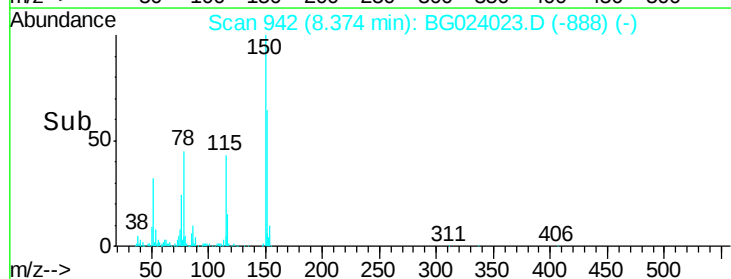
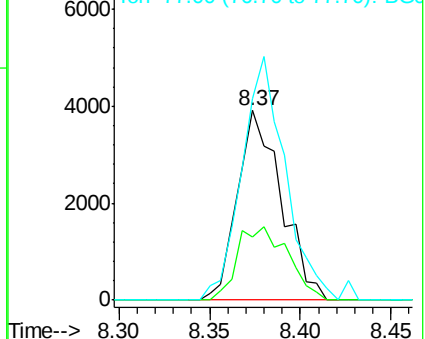
79 100

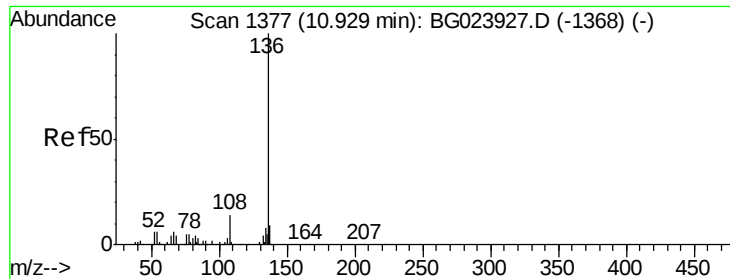
108 33.1 46.5 69.7#

77 106.0 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

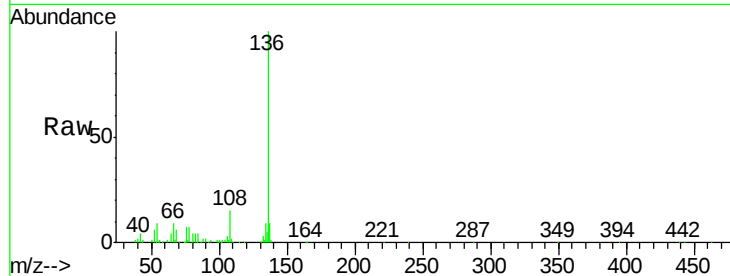




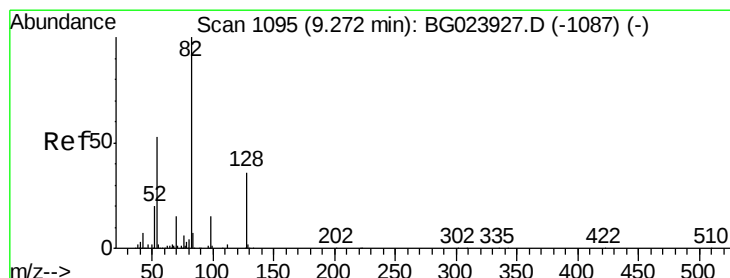
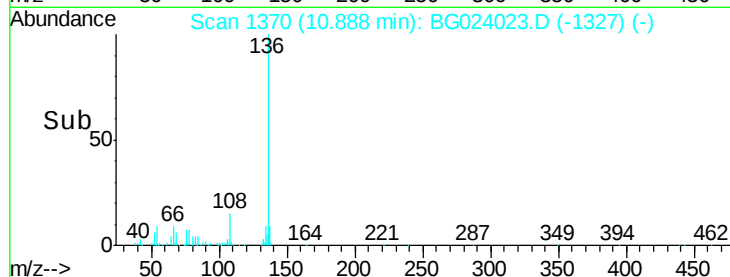
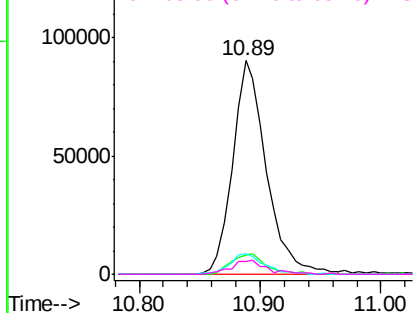
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.89 min Scan# 1370
Delta R.T. -0.05 min
Lab File: BG024023.D
Acq: 19 Sep 2016 18:15

Instrument :
BNA_G
ClientSampleId :
PB93461BL

Tgt Ion:	136	Resp:	174653
Ion	Ratio	Lower	Upper
136	100		
137	9.0	9.6	14.4#
54	9.3	7.3	10.9
68	6.1	5.3	7.9

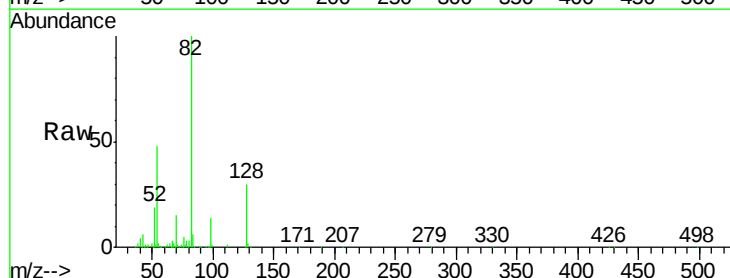


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

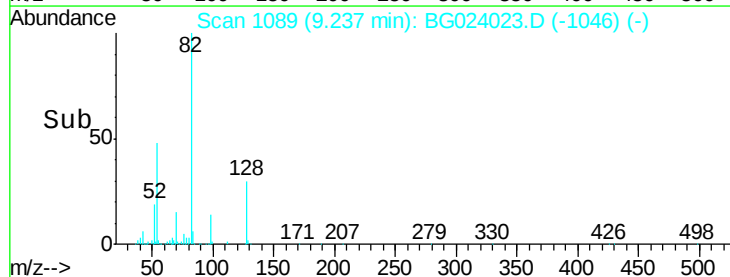
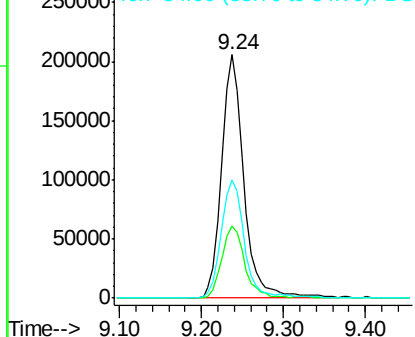


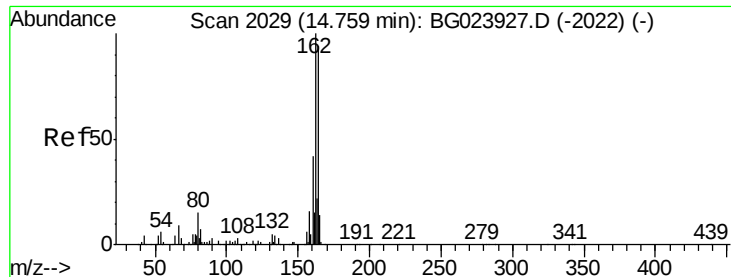
#23
Nitrobenzene-d5
Concen: 99.89 ng
RT: 9.24 min Scan# 1089
Delta R.T. -0.05 min
Lab File: BG024023.D
Acq: 19 Sep 2016 18:15

Tgt Ion:	82	Resp:	390766
Ion	Ratio	Lower	Upper
82	100		
128	29.9	24.4	36.6
54	48.5	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# 2024

Delta R.T. -0.04 min

Lab File: BG024023.D

Acq: 19 Sep 2016 18:15

Instrument :

BNA_G

ClientSampleId :

PB93461BL

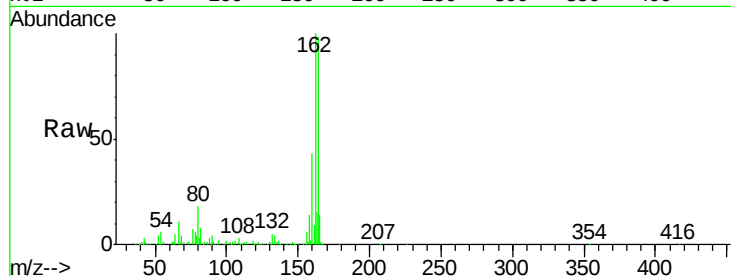
Tgt Ion:164 Resp: 148240

Ion Ratio Lower Upper

164 100

162 102.3 87.7 131.5

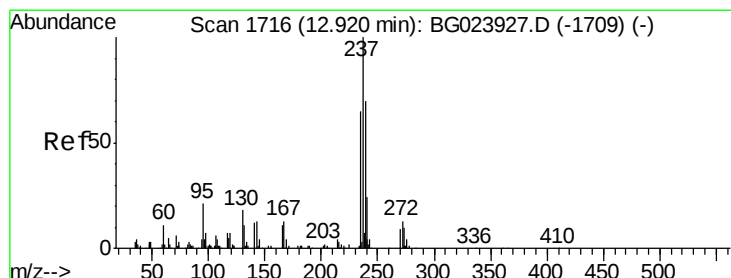
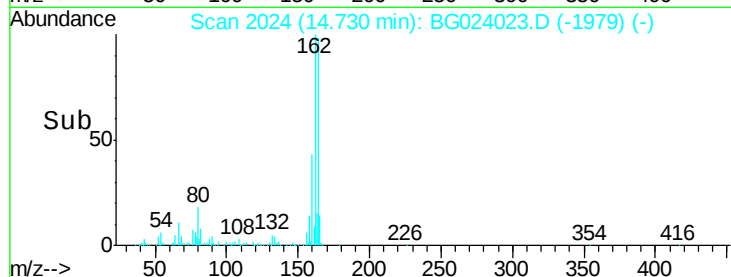
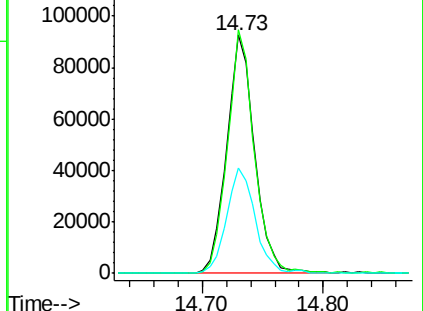
160 44.4 37.2 55.8



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: 7.11 ng

RT: 12.87 min Scan# 1708

Delta R.T. -0.05 min

Lab File: BG024023.D

Acq: 19 Sep 2016 18:15

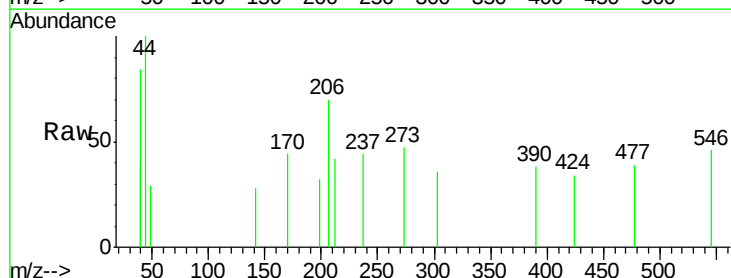
Tgt Ion:237 Resp: 83

Ion Ratio Lower Upper

237 100

235 0.0 43.1 83.1#

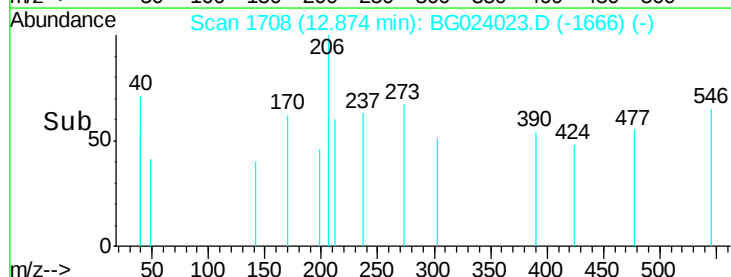
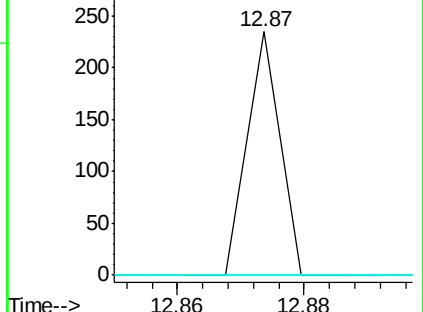
272 0.0 0.0 30.9

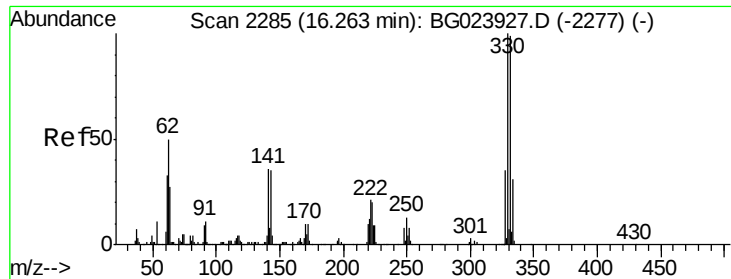


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

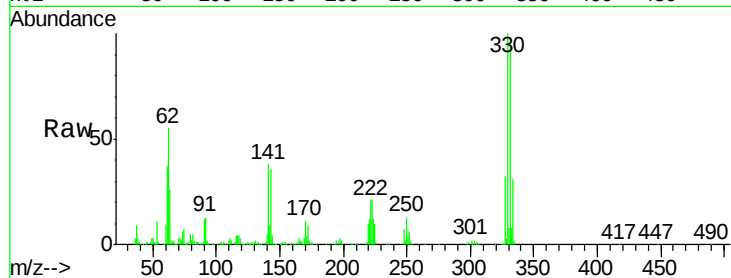




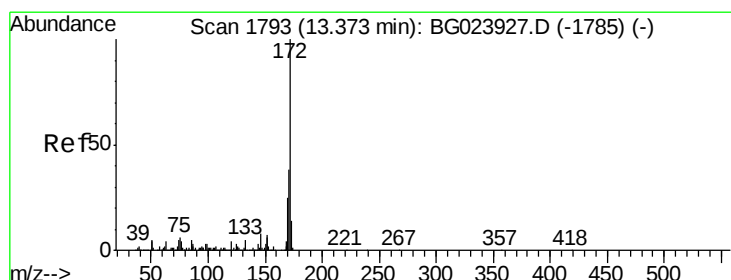
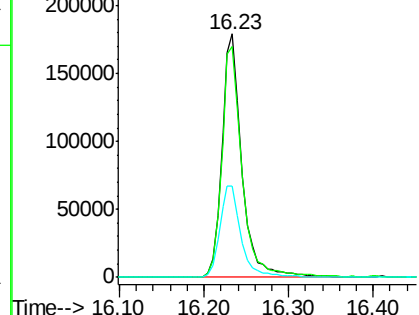
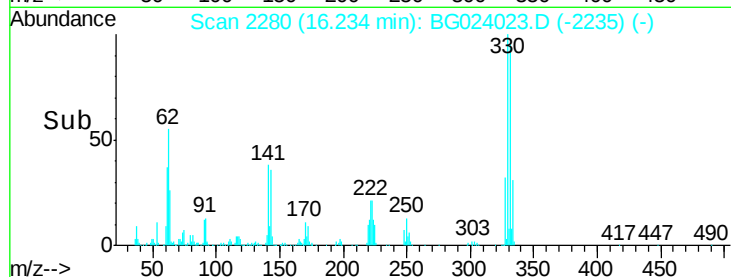
#41
 2,4,6-Tribromophenol
 Concen: 110.87 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. -0.04 min
 Lab File: BG024023.D
 Acq: 19 Sep 2016 18:15

Instrument :
 BNA_G
 ClientSampleId :
 PB93461BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.4	116.2
141	40.2	31.7	47.5

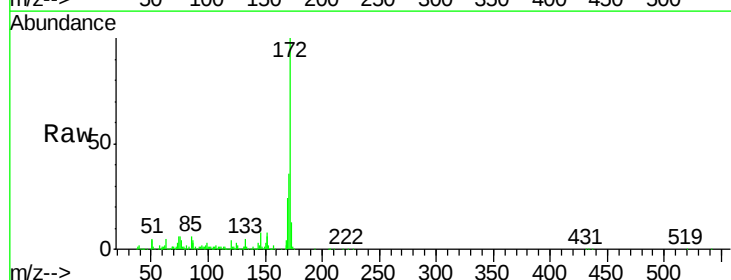


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

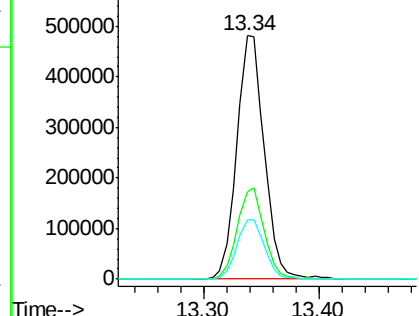
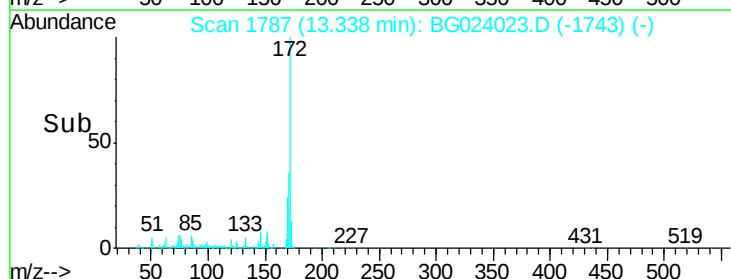


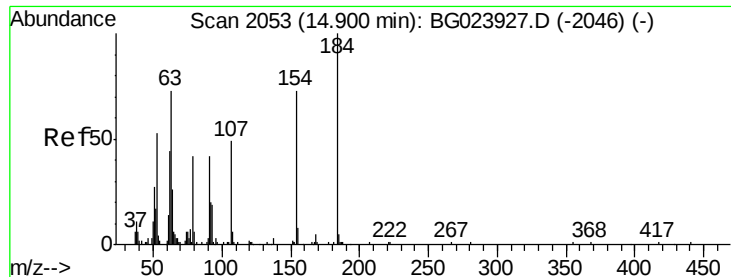
#44
 2-Fluorobiphenyl
 Concen: 76.86 ng
 RT: 13.34 min Scan# 1787
 Delta R.T. -0.04 min
 Lab File: BG024023.D
 Acq: 19 Sep 2016 18:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	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: 14.85 min Scan# 2045

Delta R.T. -0.05 min

Lab File: BG024023.D

Acq: 19 Sep 2016 18:15

Instrument :

BNA_G

ClientSampleId :

PB93461BL

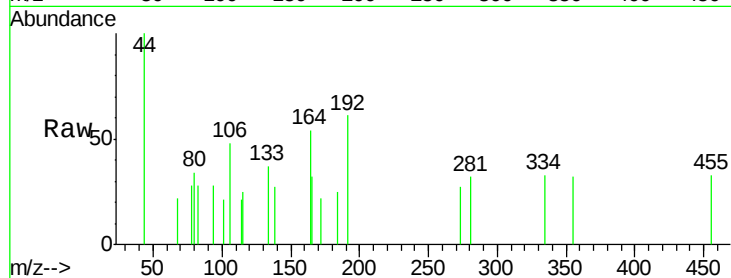
Tgt Ion:184 Resp: 65

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

300

200

100

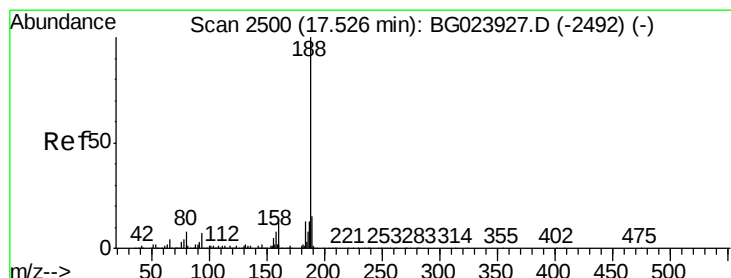
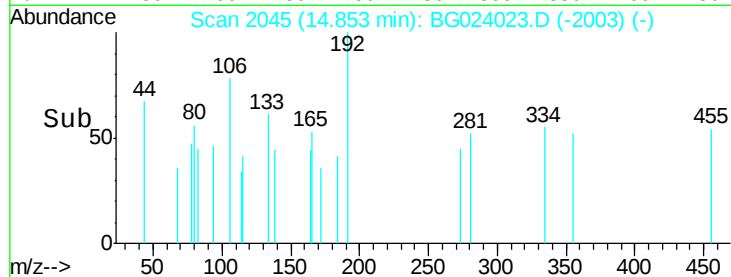
0

14.84

14.85

14.86

Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.50 min Scan# 2495

Delta R.T. -0.03 min

Lab File: BG024023.D

Acq: 19 Sep 2016 18:15

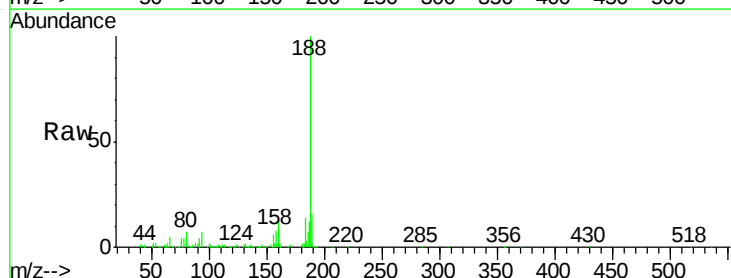
Tgt Ion:188 Resp: 365005

Ion Ratio Lower Upper

188 100

94 6.9 5.2 7.8

80 7.3 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

250000

200000

150000

100000

50000

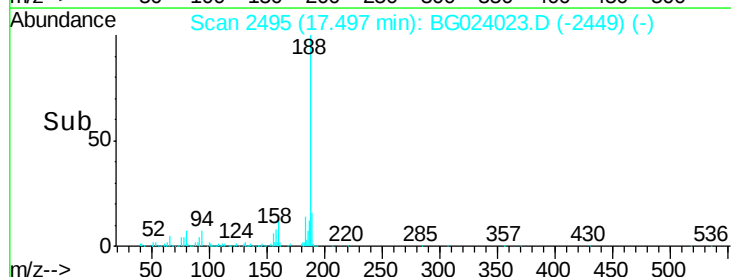
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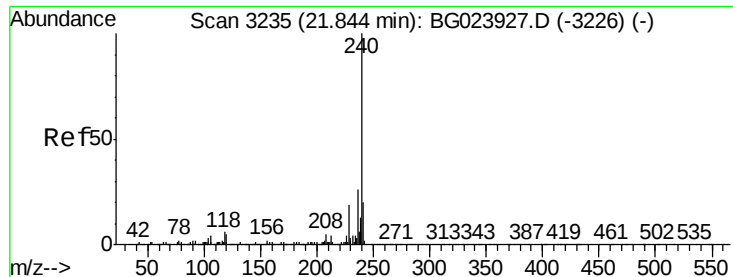
17.40

17.50

17.60

Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.80 min Scan# 3228

Delta R.T. -0.04 min

Lab File: BG024023.D

Acq: 19 Sep 2016 18:15

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PB93461BL

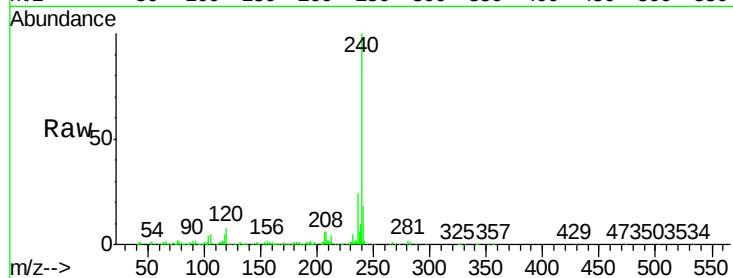
Tgt Ion:240 Resp: 429795

Ion Ratio Lower Upper

240 100

120 7.5 4.1 6.1#

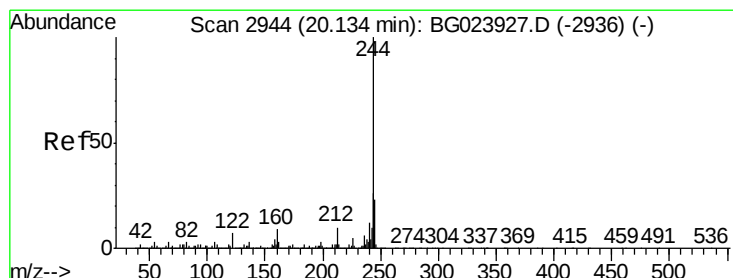
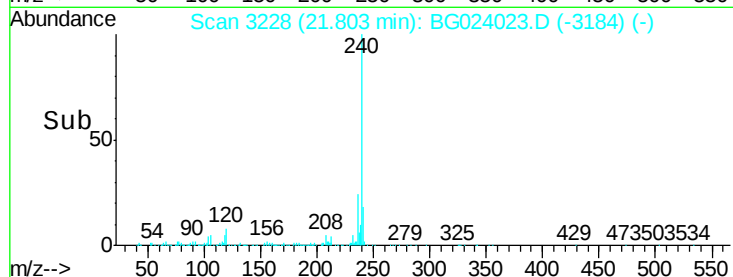
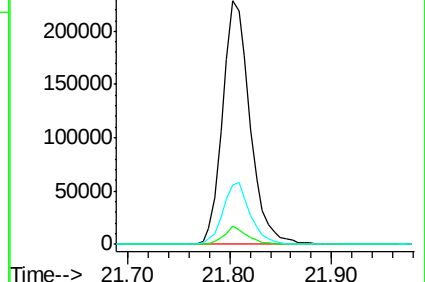
236 24.4 21.1 31.7



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: 83.33 ng

RT: 20.10 min Scan# 2939

Delta R.T. -0.03 min

Lab File: BG024023.D

Acq: 19 Sep 2016 18:15

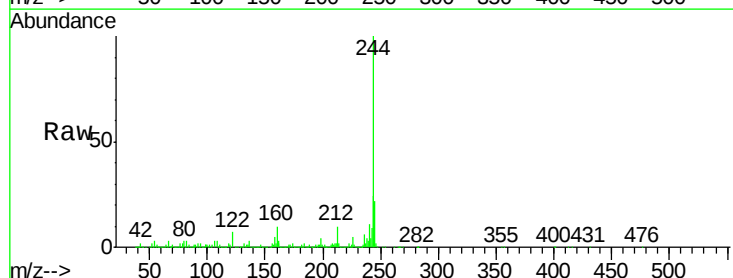
Tgt Ion:244 Resp: 1572689

Ion Ratio Lower Upper

244 100

212 10.2 10.8 16.2#

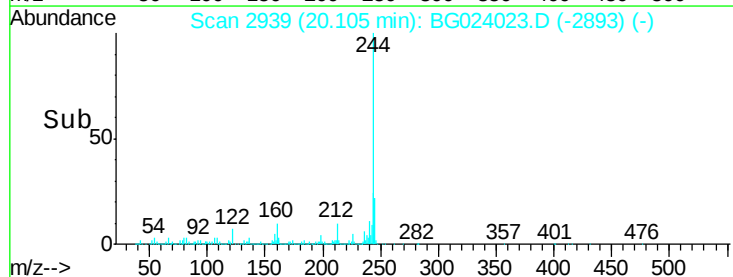
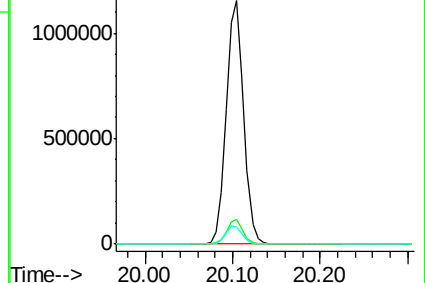
122 6.9 8.0 12.0#

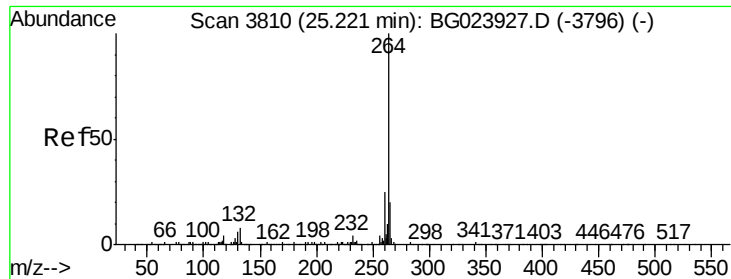


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG024023.D

Acq: 19 Sep 2016 18:15

Instrument :

BNA_G

ClientSampleId :

PB93461BL

Tgt Ion: 264 Resp: 402205

Ion Ratio Lower Upper

264 100

260 25.7 18.4 27.6

265 22.1 18.9 28.3

