

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090716\
 Data File : BG023957.D
 Acq On : 7 Sep 2016 17:47
 Operator : UM/SJ
 Sample : PB93285BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB93285BL

Quant Time: Sep 08 08:46:31 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 20:05:47 2016
 Response via : Initial Calibration

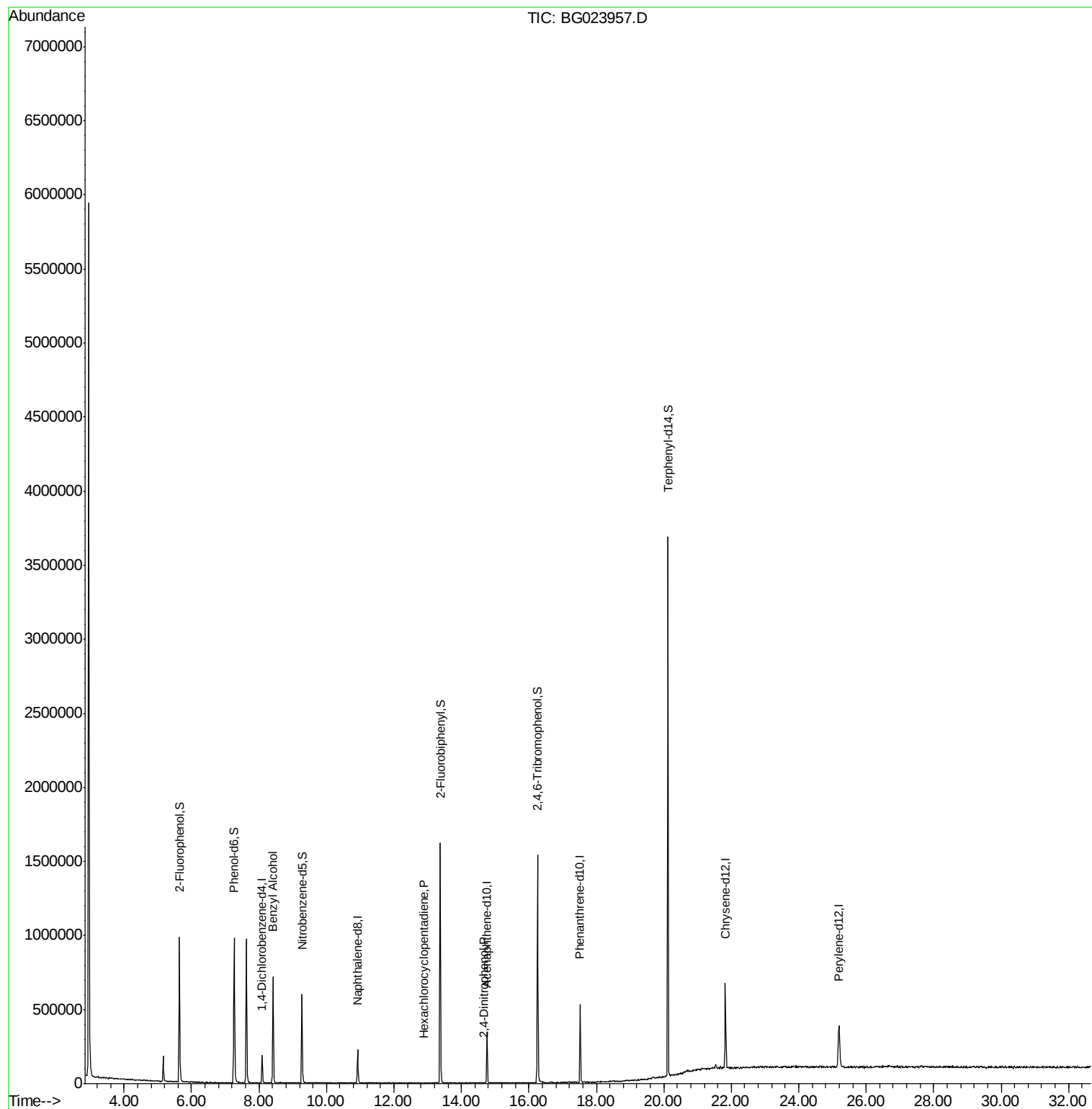
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	44958	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	180606	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	123843	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	336537	20.00	ng	0.00
75) Chrysene-d12	21.83	240	378771	20.00	ng	-0.02
86) Perylene-d12	25.19	264	359161	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	360039	140.60	ng	0.00
7) Phenol-d6	7.26	99	513536	130.28	ng	0.00
23) Nitrobenzene-d5	9.27	82	374860	92.66	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	295016	132.22	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	779894	90.29	ng	0.00
78) Terphenyl-d14	20.13	244	1506774	90.60	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	8.42	79	8338	2.40	ng	# 41
40) Hexachlorocyclopentadiene	12.89	237	93	7.12	ng	# 26
53) 2,4-Dinitrophenol	14.66	184	91	6.56	ng	# 10

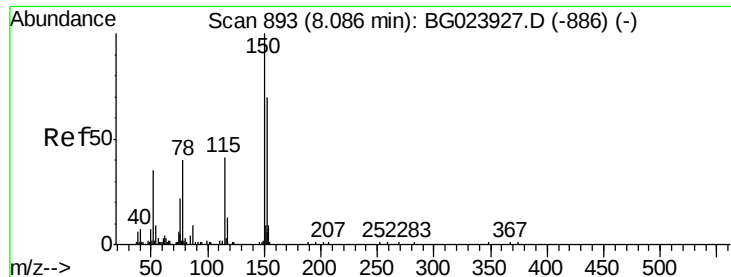
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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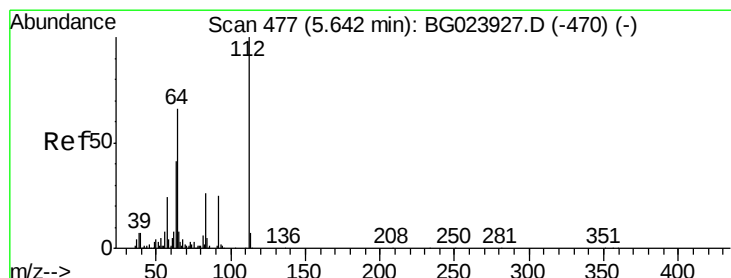
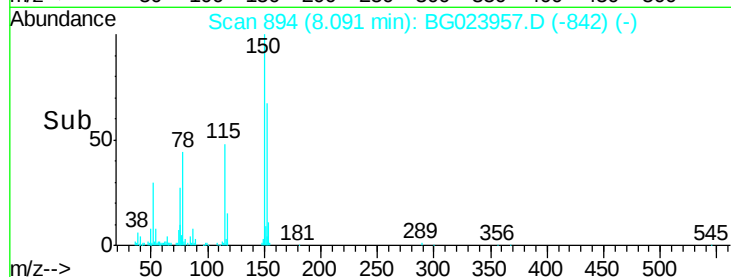
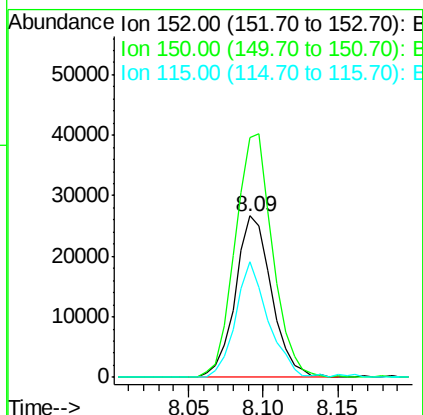
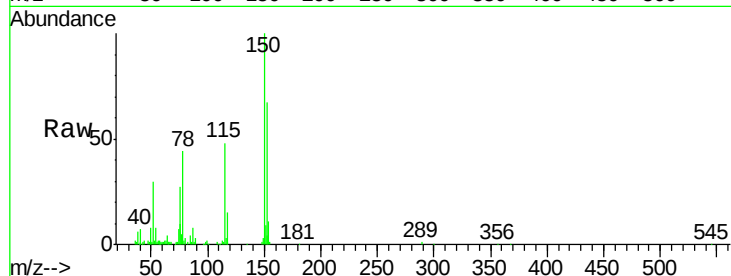


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.09 min Scan# 894
Delta R.T. 0.01 min
Lab File: BG023957.D
Acq: 7 Sep 2016 17:47

Instrument :
BNA_G
ClientSampleId :
PB93285BL

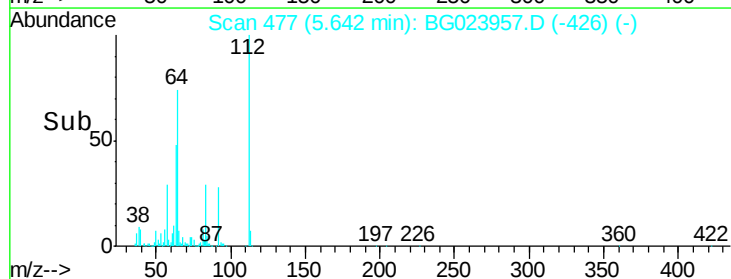
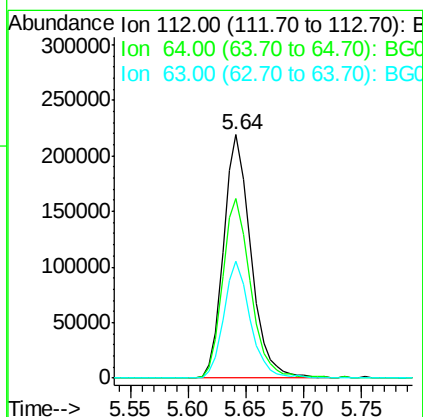
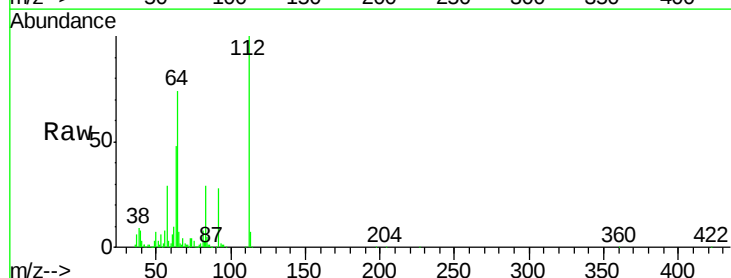
Tgt Ion:152 Resp: 44958
Ion Ratio Lower Upper
152 100
150 148.4 144.7 217.1
115 71.6 64.0 96.0

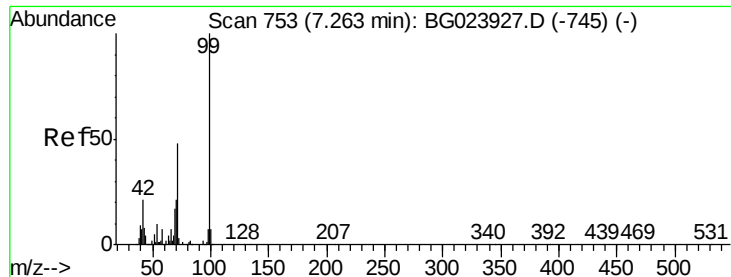


#5

2-Fluorophenol
Concen: 140.60 ng
RT: 5.64 min Scan# 477
Delta R.T. 0.00 min
Lab File: BG023957.D
Acq: 7 Sep 2016 17:47

Tgt Ion:112 Resp: 360039
Ion Ratio Lower Upper
112 100
64 74.0 59.0 88.4
63 47.8 37.8 56.8





#7

Phenol-d6

Concen: 130.28 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.00 min

Lab File: BG023957.D

Acq: 7 Sep 2016 17:47

Instrument :

BNA_G

ClientSampleId :

PB93285BL

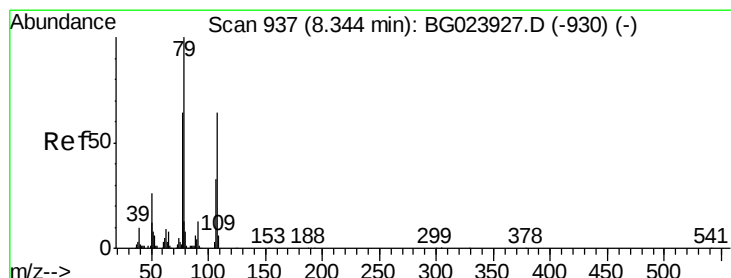
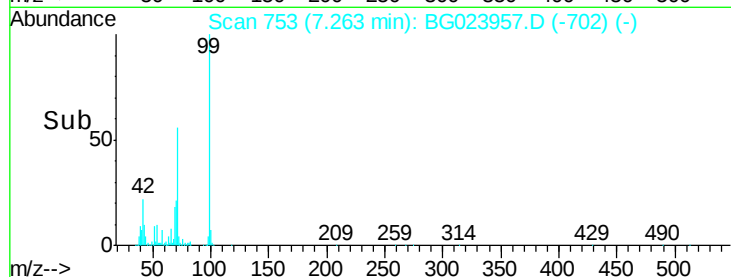
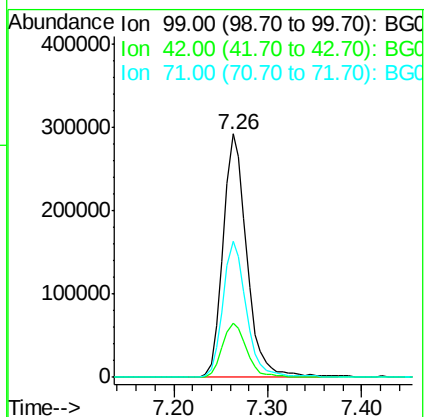
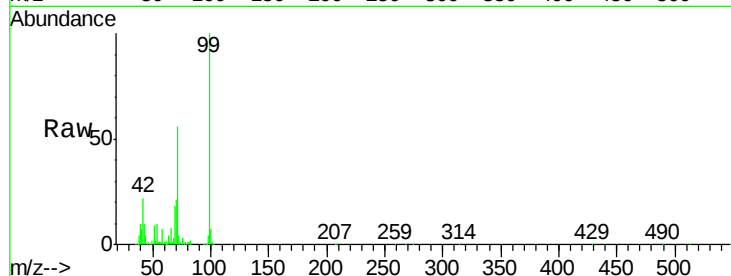
Tgt Ion: 99 Resp: 513536

Ion Ratio Lower Upper

99 100

42 22.4 17.8 26.6

71 56.1 41.5 62.3



#15

Benzyl Alcohol

Concen: 2.40 ng

RT: 8.42 min Scan# 950

Delta R.T. 0.08 min

Lab File: BG023957.D

Acq: 7 Sep 2016 17:47

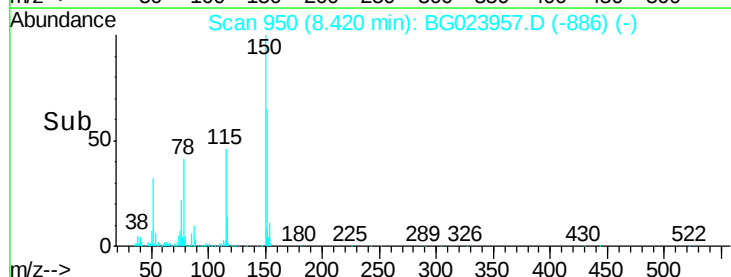
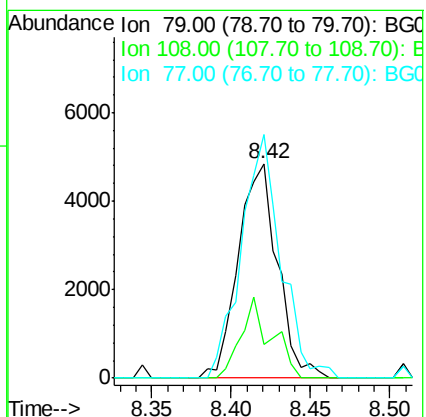
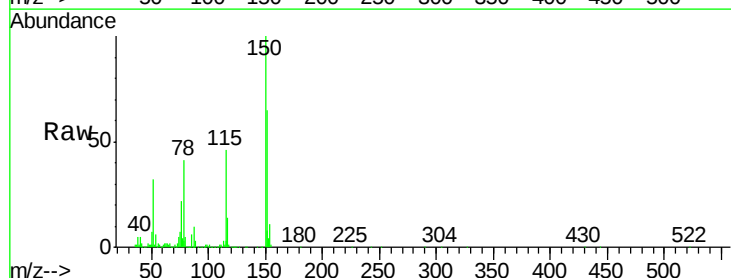
Tgt Ion: 79 Resp: 8338

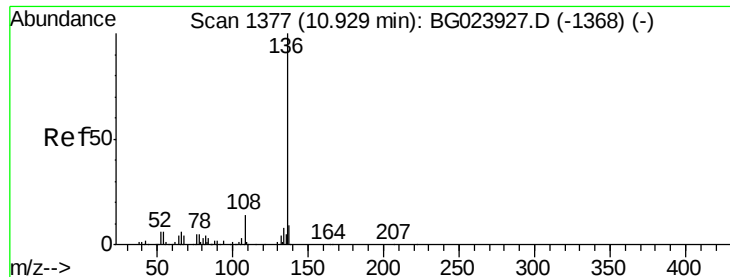
Ion Ratio Lower Upper

79 100

108 15.8 46.5 69.7#

77 113.4 52.3 78.5#

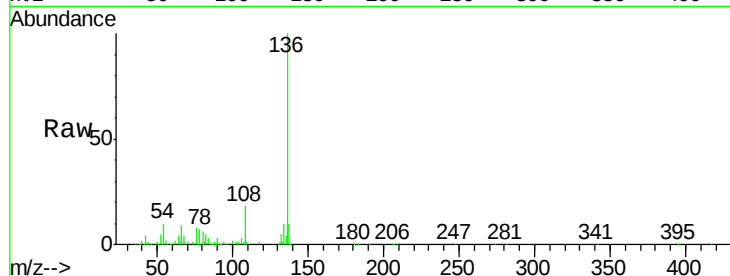




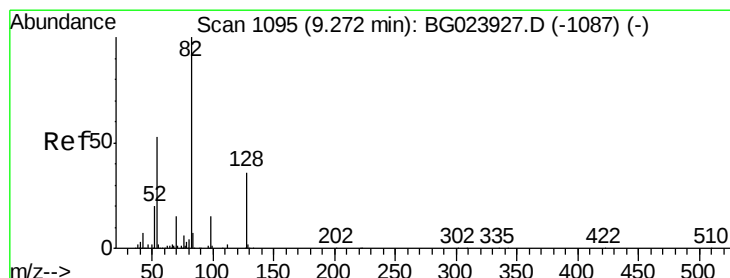
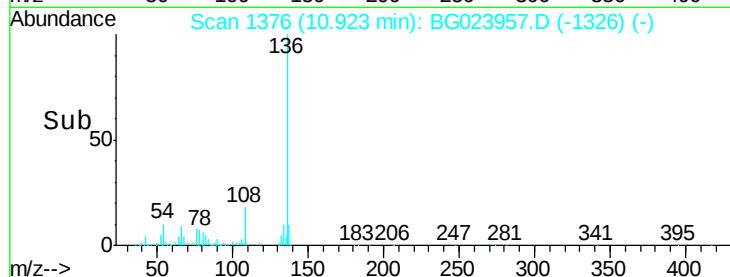
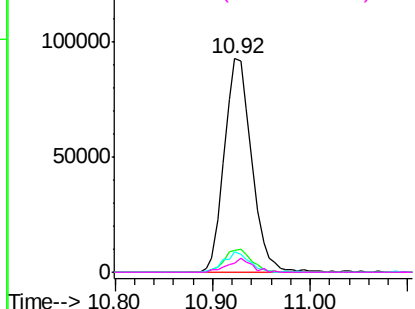
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.92 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BG023957.D
Acq: 7 Sep 2016 17:47

Instrument :
BNA_G
ClientSampleId :
PB93285BL

Tgt Ion:	136	Resp:	180606
Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.6	14.4
54	9.9	7.3	10.9
68	4.0	5.3	7.9#

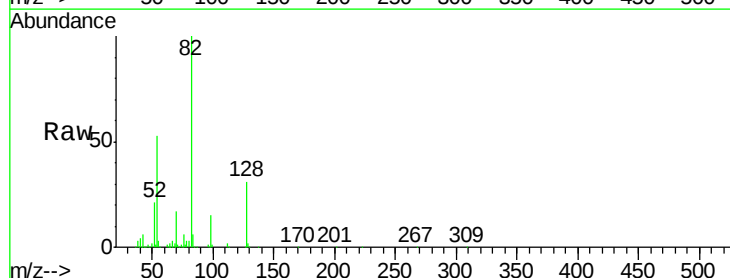


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

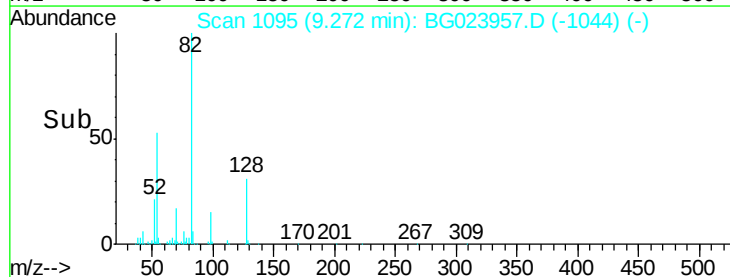
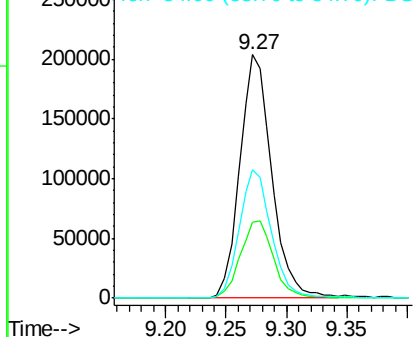


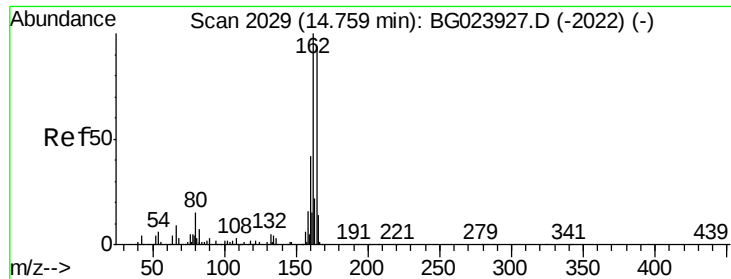
#23
Nitrobenzene-d5
Concen: 92.66 ng
RT: 9.27 min Scan# 1095
Delta R.T. -0.00 min
Lab File: BG023957.D
Acq: 7 Sep 2016 17:47

Tgt Ion:	82	Resp:	374860
Ion	Ratio	Lower	Upper
82	100		
128	31.3	24.4	36.6
54	52.8	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: 14.75 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BG023957.D

Acq: 7 Sep 2016 17:47

Instrument :

BNA_G

ClientSampleId :

PB93285BL

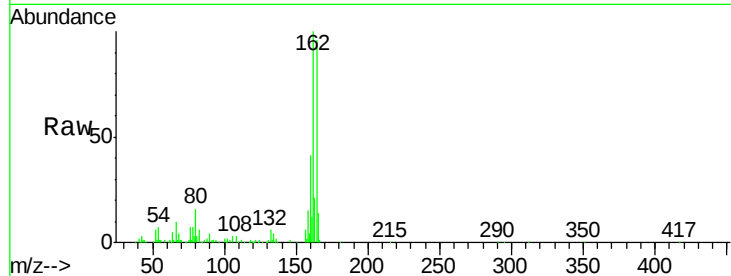
Tgt Ion:164 Resp: 123843

Ion Ratio Lower Upper

164 100

162 104.6 87.7 131.5

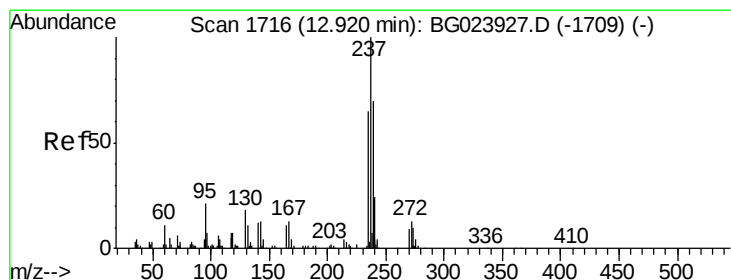
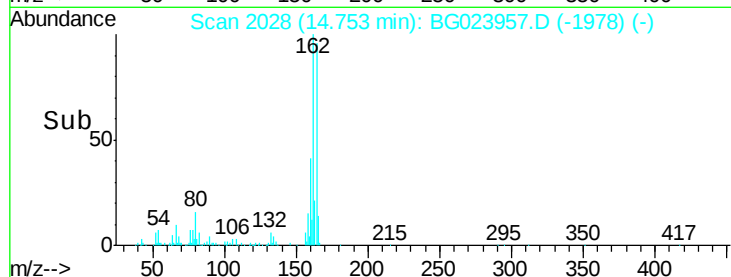
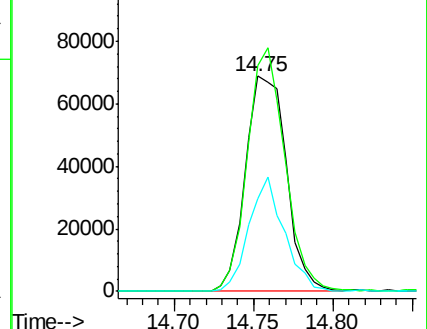
160 42.8 37.2 55.8



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: 7.12 ng

RT: 12.89 min Scan# 1711

Delta R.T. -0.03 min

Lab File: BG023957.D

Acq: 7 Sep 2016 17:47

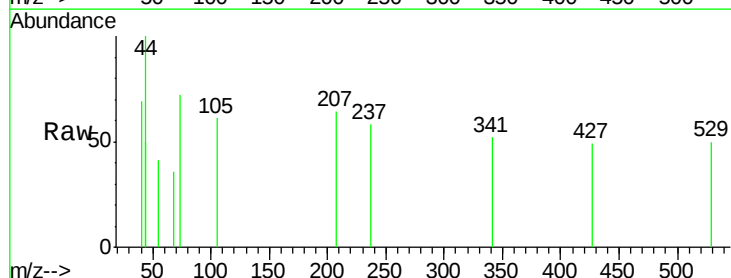
Tgt Ion:237 Resp: 93

Ion Ratio Lower Upper

237 100

235 0.0 43.1 83.1#

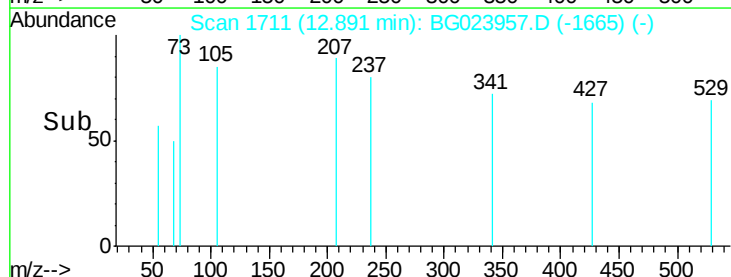
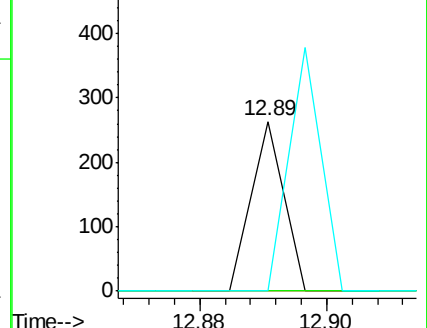
272 0.0 0.0 30.9

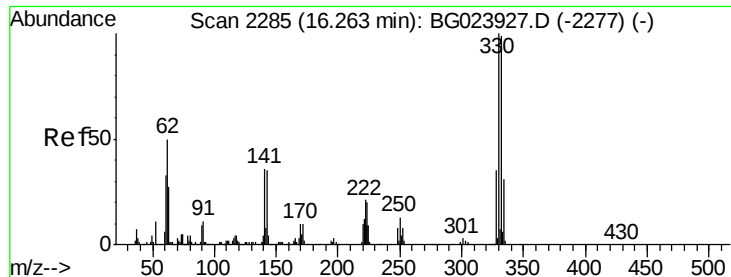


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

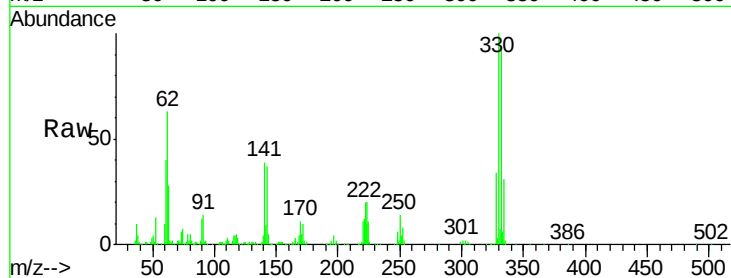




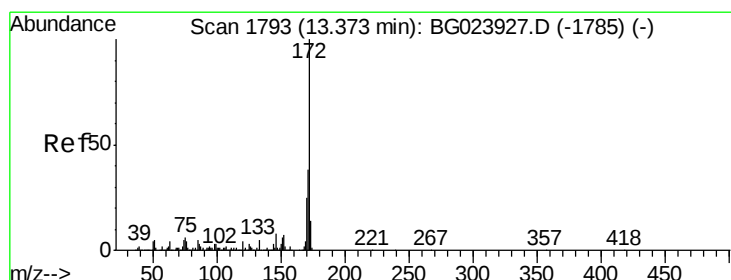
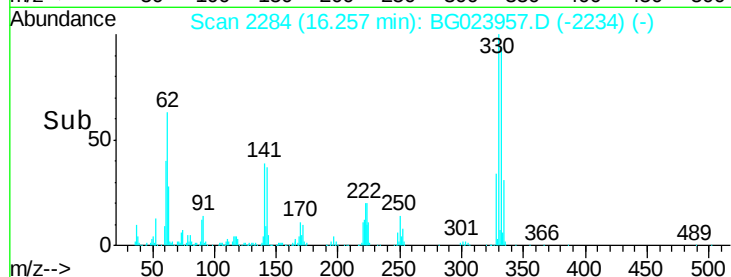
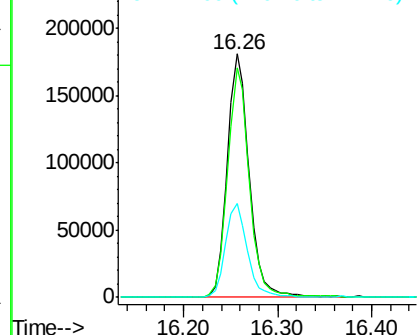
#41
 2,4,6-Tribromophenol
 Concen: 132.22 ng
 RT: 16.26 min Scan# 2284
 Delta R.T. -0.01 min
 Lab File: BG023957.D
 Acq: 7 Sep 2016 17:47

Instrument :
 BNA_G
 ClientSampleID :
 PB93285BL

Tgt Ion:330 Resp: 295016
 Ion Ratio Lower Upper
 330 100
 332 93.5 77.4 116.2
 141 38.8 31.7 47.5

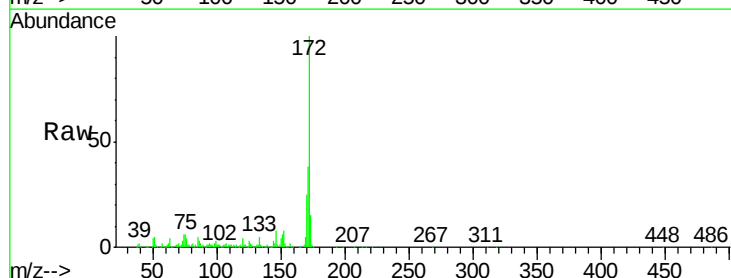


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

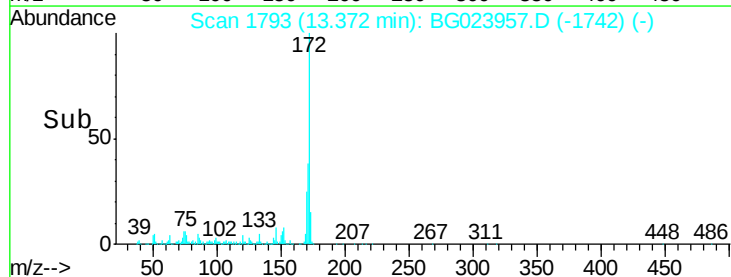
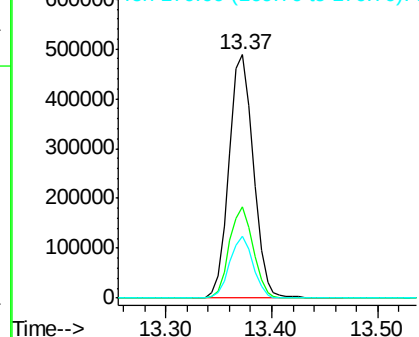


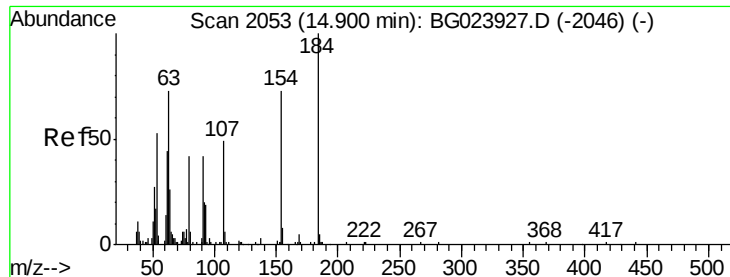
#44
 2-Fluorobiphenyl
 Concen: 90.29 ng
 RT: 13.37 min Scan# 1793
 Delta R.T. -0.00 min
 Lab File: BG023957.D
 Acq: 7 Sep 2016 17:47

Tgt Ion:172 Resp: 779894
 Ion Ratio Lower Upper
 172 100
 171 37.7 31.6 47.4
 170 25.4 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: 14.66 min Scan# 2012

Delta R.T. -0.24 min

Lab File: BG023957.D

Acq: 7 Sep 2016 17:47

Instrument :

BNA_G

ClientSampleId :

PB93285BL

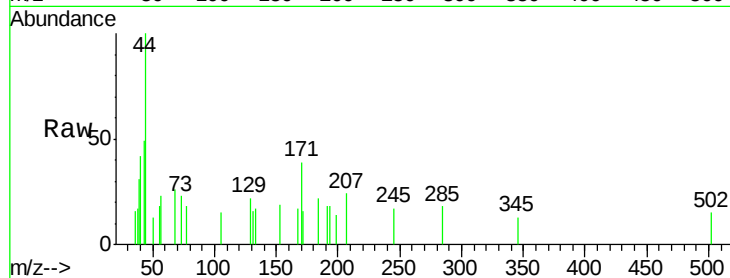
Tgt Ion:184 Resp: 91

Ion Ratio Lower Upper

184 100

63 0.0 59.6 89.4#

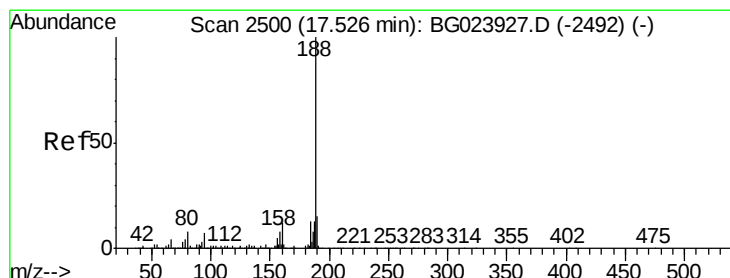
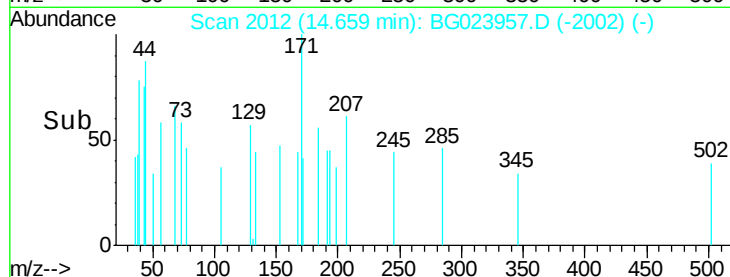
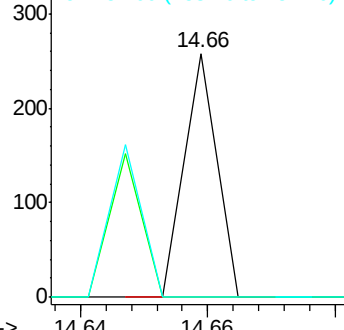
154 0.0 67.4 101.0#



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# 2499

Delta R.T. -0.01 min

Lab File: BG023957.D

Acq: 7 Sep 2016 17:47

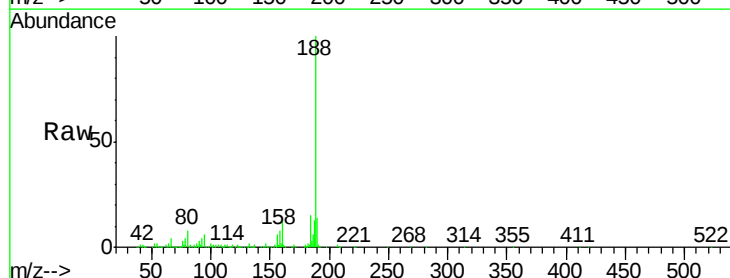
Tgt Ion:188 Resp: 336537

Ion Ratio Lower Upper

188 100

94 6.2 5.2 7.8

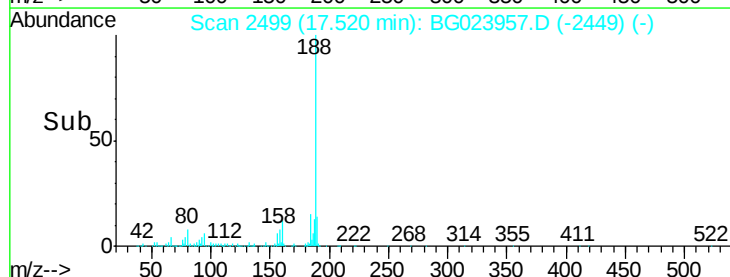
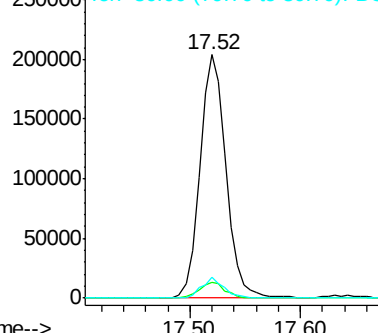
80 8.4 7.2 10.8

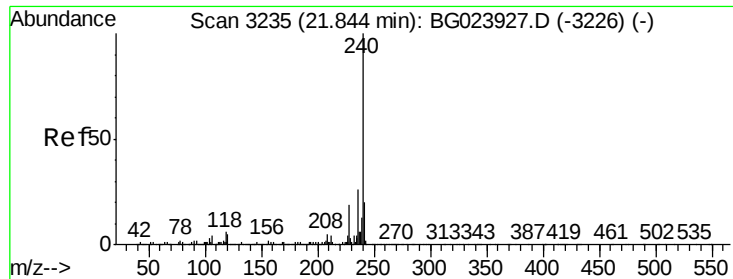


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.83 min Scan# 3232

Delta R.T. -0.02 min

Lab File: BG023957.D

Acq: 7 Sep 2016 17:47

Instrument :

BNA_G

ClientSampleId :

PB93285BL

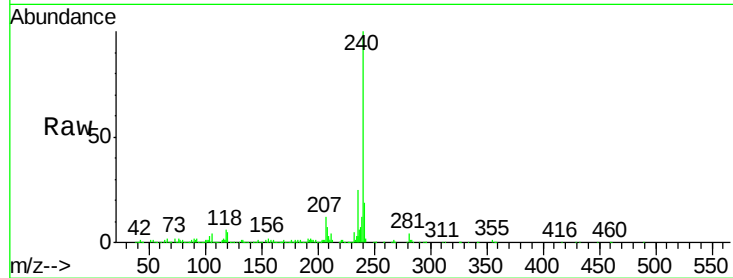
Tgt Ion:240 Resp: 378771

Ion Ratio Lower Upper

240 100

120 4.7 4.1 6.1

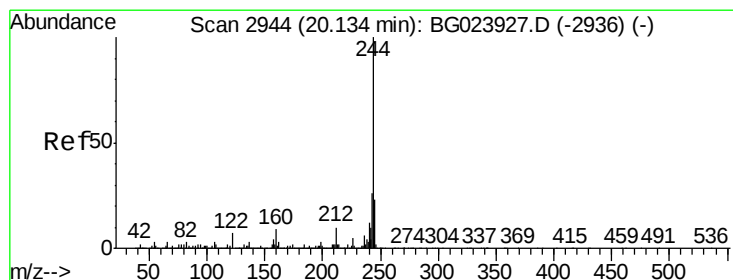
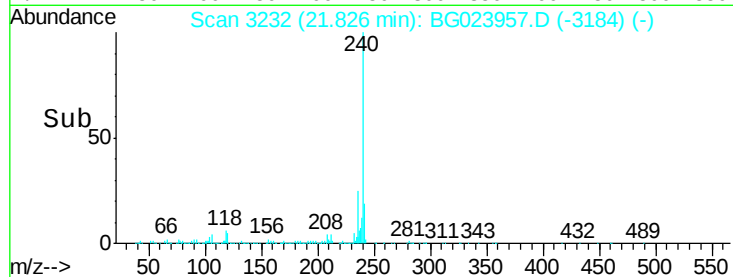
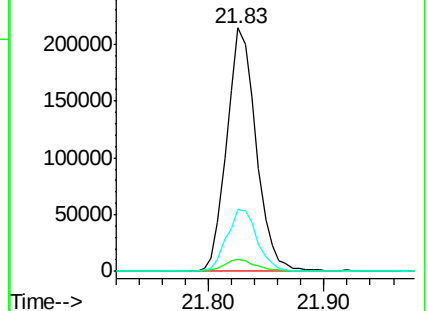
236 25.2 21.1 31.7



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: 90.60 ng

RT: 20.13 min Scan# 2943

Delta R.T. -0.01 min

Lab File: BG023957.D

Acq: 7 Sep 2016 17:47

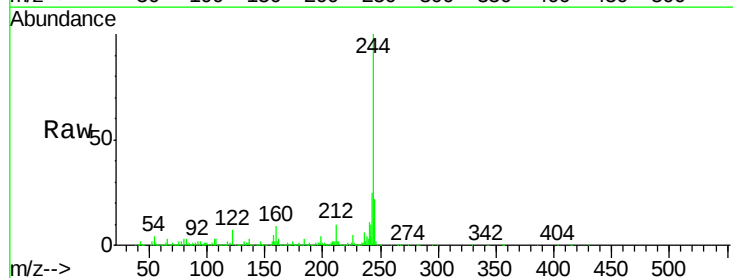
Tgt Ion:244 Resp: 1506774

Ion Ratio Lower Upper

244 100

212 10.5 10.8 16.2#

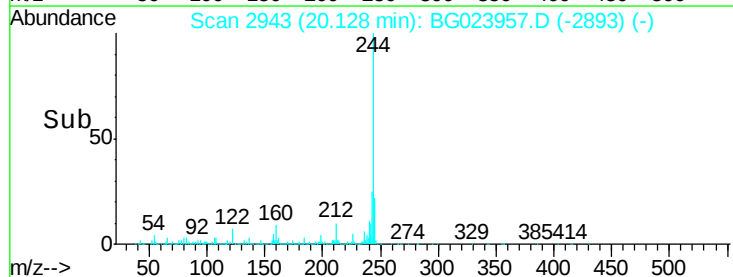
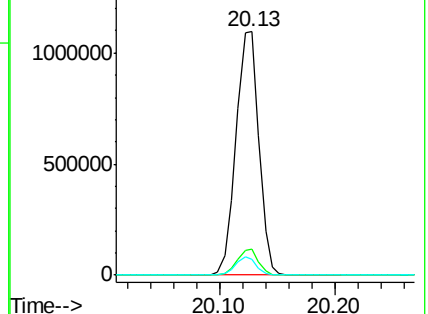
122 6.7 8.0 12.0#

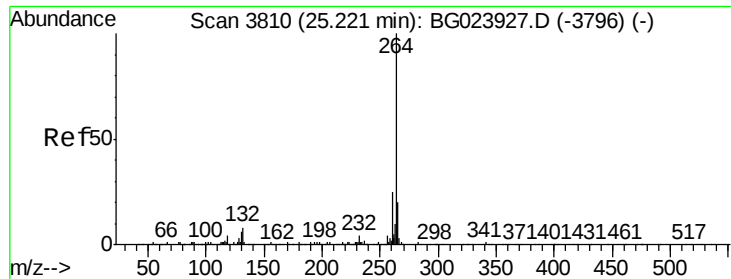


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

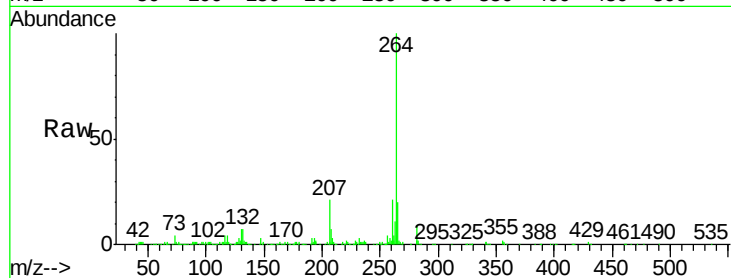




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.19 min Scan# 3805
Delta R.T. -0.03 min
Lab File: BG023957.D
Acq: 7 Sep 2016 17:47

Instrument :
BNA_G
ClientSampleId :
PB93285BL

Tgt Ion:	264	Resp:	359161
Ion Ratio	Lower	Upper	
264	100		
260	21.5	18.4	27.6
265	19.8	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

