

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090916\
 Data File : BG023974.D
 Acq On : 9 Sep 2016 15:06
 Operator : UM/SJ
 Sample : PB93314BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB93314BL

Quant Time: Sep 09 15:56:50 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

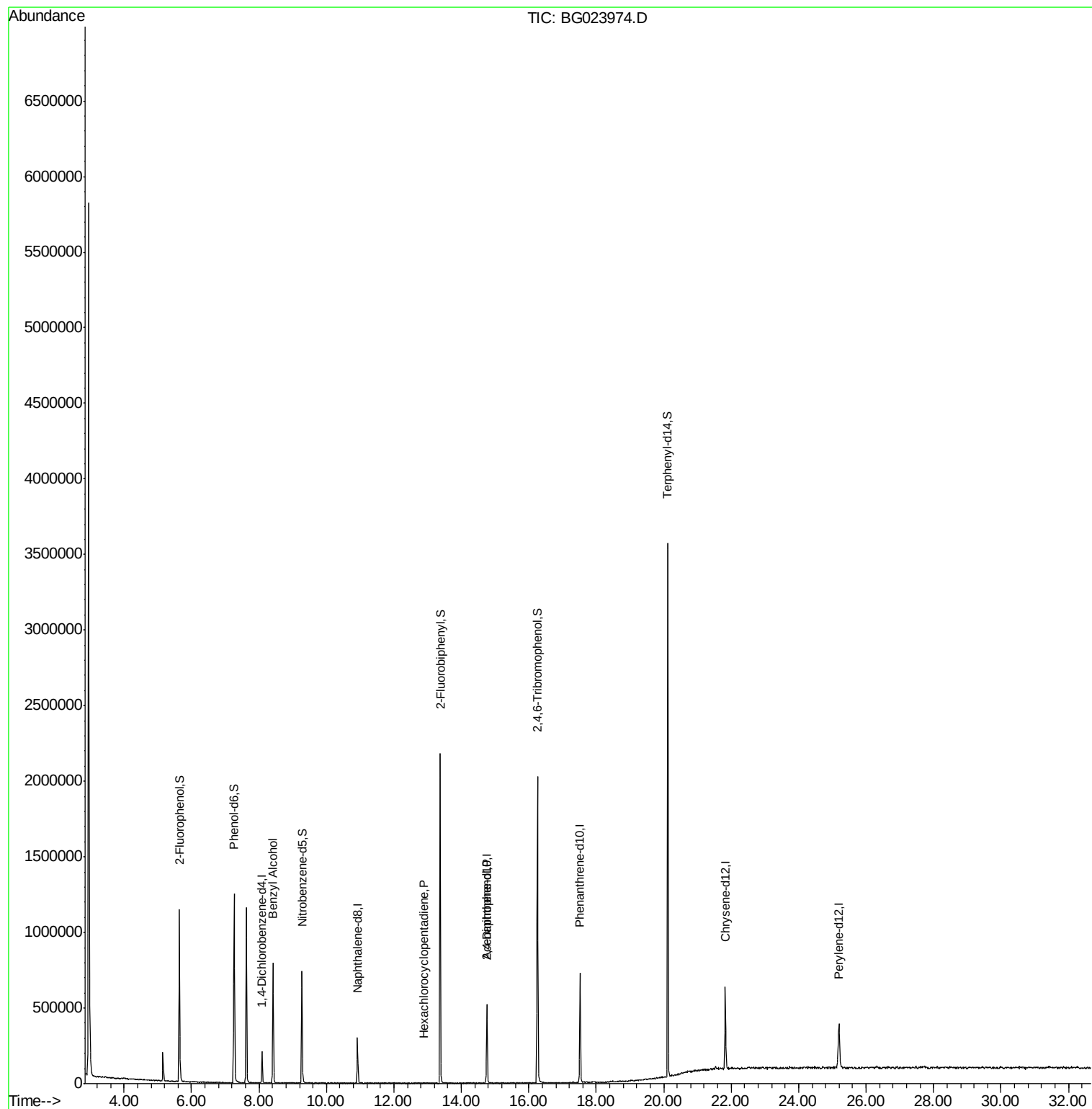
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	51116	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	232259	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	175676	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	438689	20.00	ng	0.00
75) Chrysene-d12	21.82	240	365989	20.00	ng	-0.02
86) Perylene-d12	25.20	264	364891	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	421265	144.69	ng	0.00
7) Phenol-d6	7.26	99	648242	144.64	ng	-0.01
23) Nitrobenzene-d5	9.27	82	471705	90.67	ng	-0.01
41) 2,4,6-Tribromophenol	16.26	330	368682	116.48	ng	-0.01
44) 2-Fluorobiphenyl	13.37	172	1058439	86.38	ng	0.00
78) Terphenyl-d14	20.12	244	1468354	91.37	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	8.41	79	8535	2.16	ng	# 65
40) Hexachlorocyclopentadiene	12.90	237	61	7.10	ng	# 26
53) 2,4-Dinitrophenol	14.76	184	59	6.53	ng	# 1

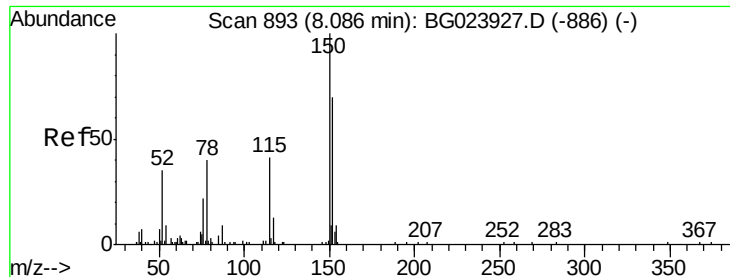
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG023974.D

Acq: 9 Sep 2016 15:06

Instrument :

BNA_G

ClientSampleId :

PB93314BL

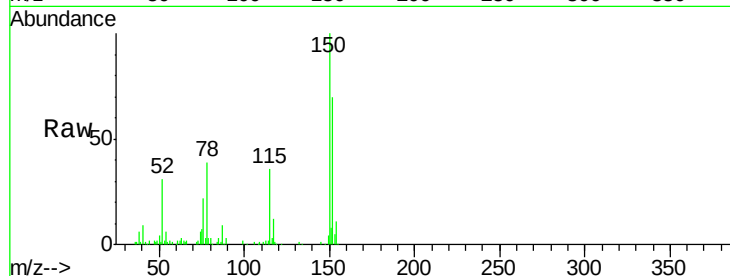
Tgt Ion:152 Resp: 51116

Ion Ratio Lower Upper

152 100

150 143.5 144.7 217.1#

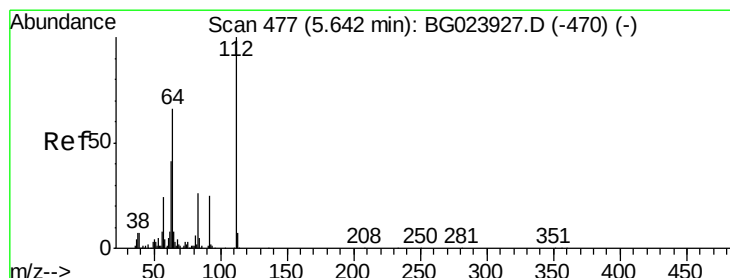
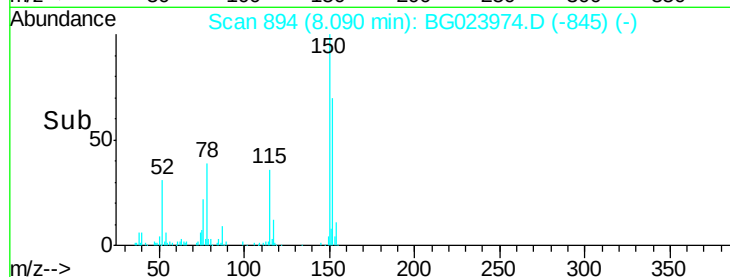
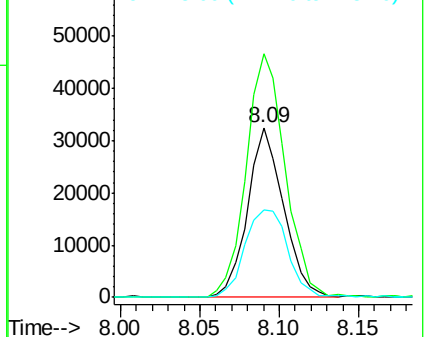
115 51.8 64.0 96.0#



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: 144.69 ng

RT: 5.64 min Scan# 477

Delta R.T. -0.01 min

Lab File: BG023974.D

Acq: 9 Sep 2016 15:06

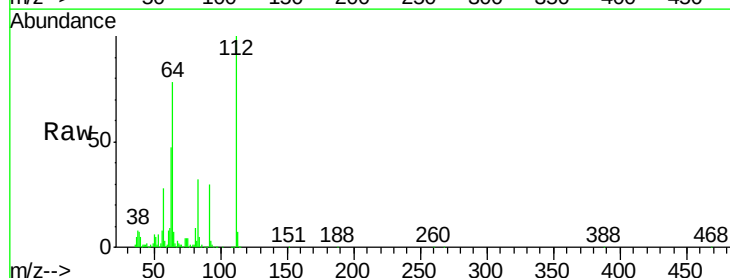
Tgt Ion:112 Resp: 421265

Ion Ratio Lower Upper

112 100

64 77.7 59.0 88.4

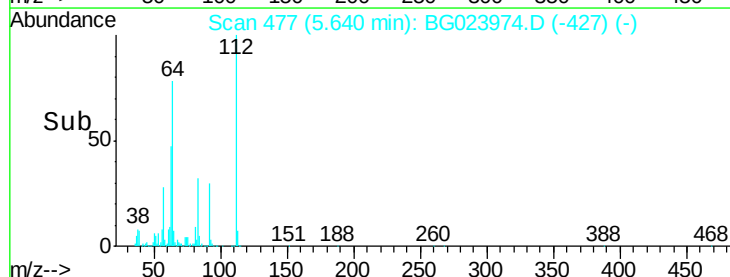
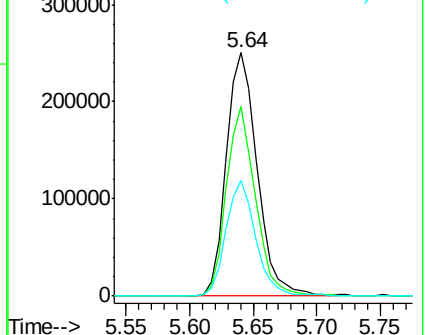
63 47.3 37.8 56.8

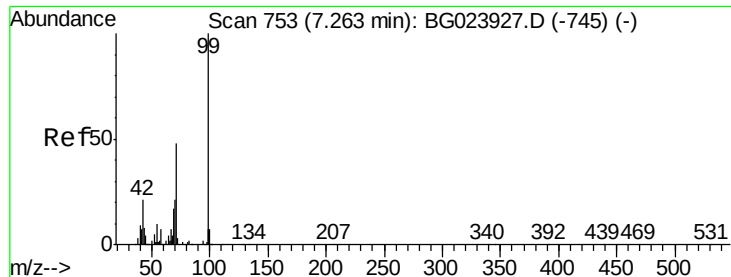


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 144.64 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG023974.D

Acq: 9 Sep 2016 15:06

Instrument :

BNA_G

ClientSampleId :

PB93314BL

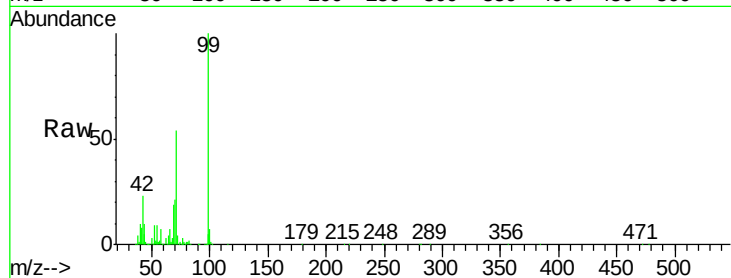
Tgt Ion: 99 Resp: 648242

Ion Ratio Lower Upper

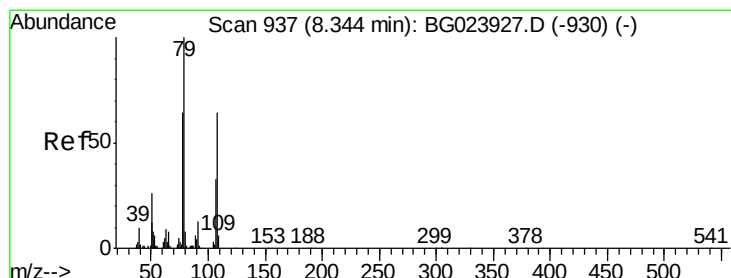
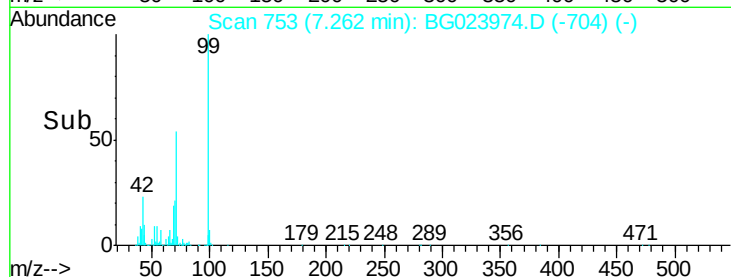
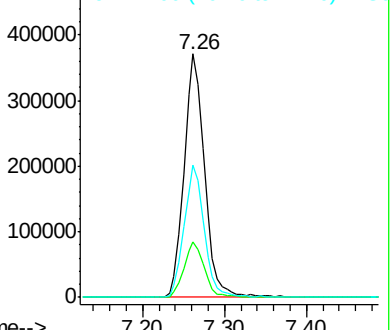
99 100

42 22.7 17.8 26.6

71 54.3 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



#15

Benzyl Alcohol

Concen: 2.16 ng

RT: 8.41 min Scan# 949

Delta R.T. 0.06 min

Lab File: BG023974.D

Acq: 9 Sep 2016 15:06

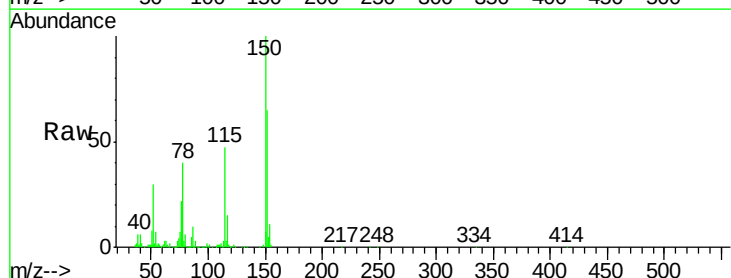
Tgt Ion: 79 Resp: 8535

Ion Ratio Lower Upper

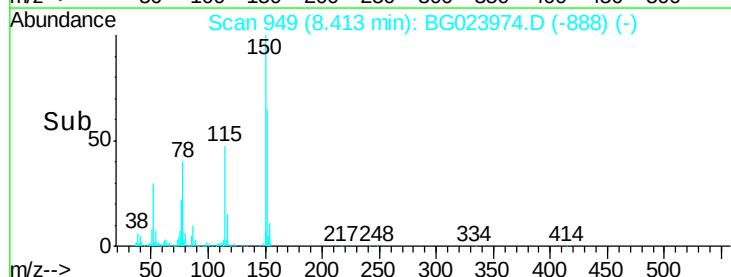
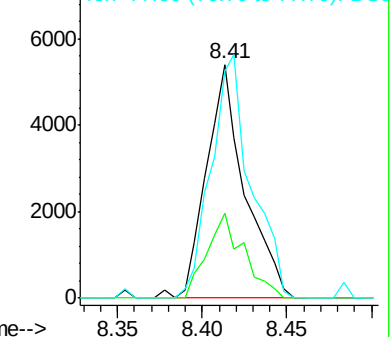
79 100

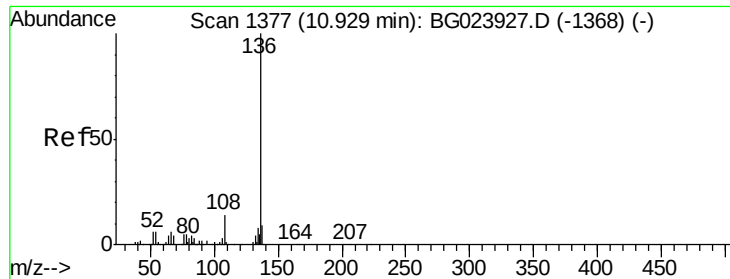
108 36.4 46.5 69.7#

77 97.0 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

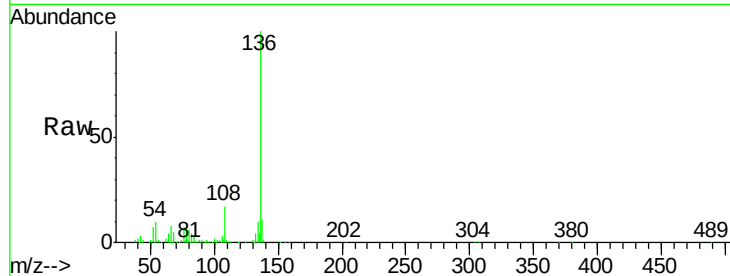




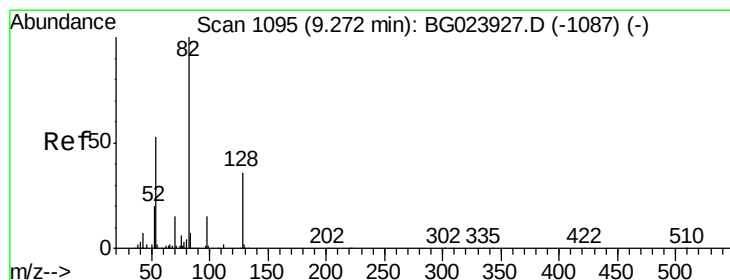
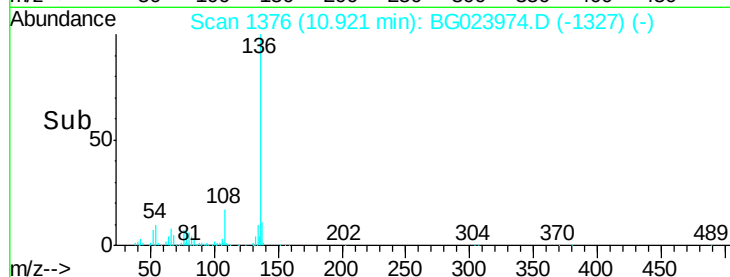
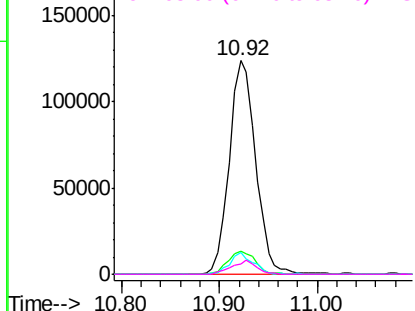
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.92 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BG023974.D
Acq: 9 Sep 2016 15:06

Instrument :
BNA_G
ClientSampleId :
PB93314BL

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.6	14.4
54	10.4	7.3	10.9
68	5.1	5.3	7.9

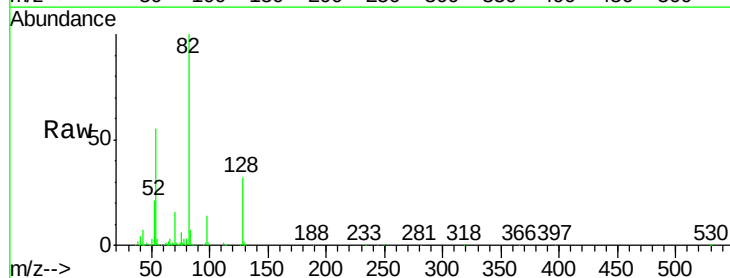


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

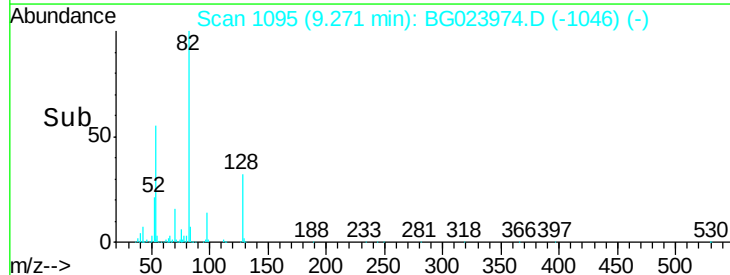
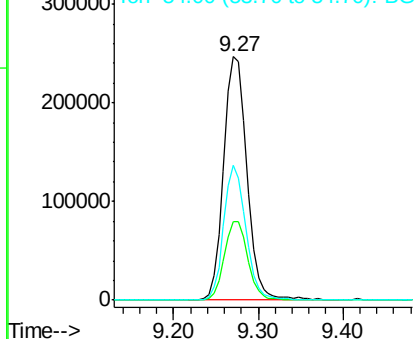


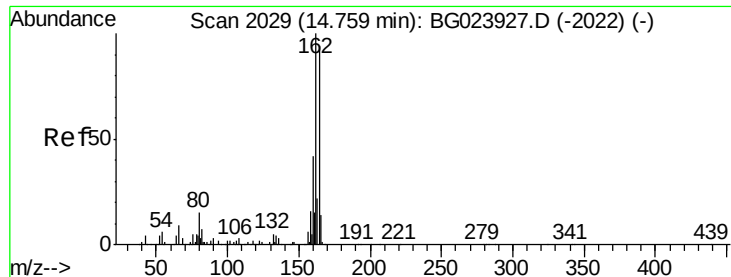
#23
Nitrobenzene-d5
Concen: 90.67 ng
RT: 9.27 min Scan# 1095
Delta R.T. -0.01 min
Lab File: BG023974.D
Acq: 9 Sep 2016 15:06

Tgt Ion	Ratio	Lower	Upper
82	100		
128	32.2	24.4	36.6
54	55.2	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: 14.76 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BG023974.D

Acq: 9 Sep 2016 15:06

Instrument :

BNA_G

ClientSampleId :

PB93314BL

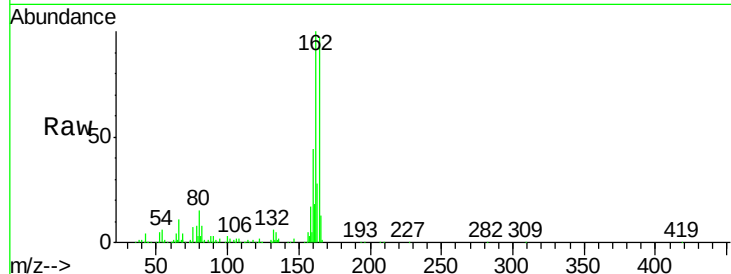
Tgt Ion:164 Resp: 175676

Ion Ratio Lower Upper

164 100

162 102.7 87.7 131.5

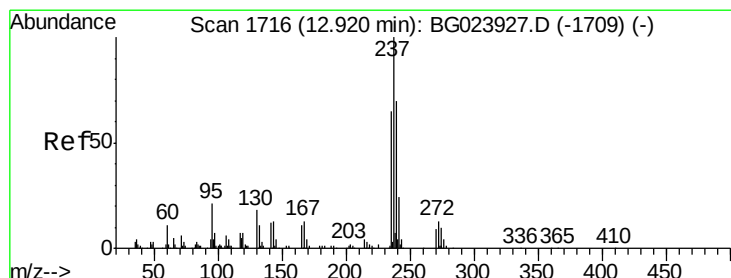
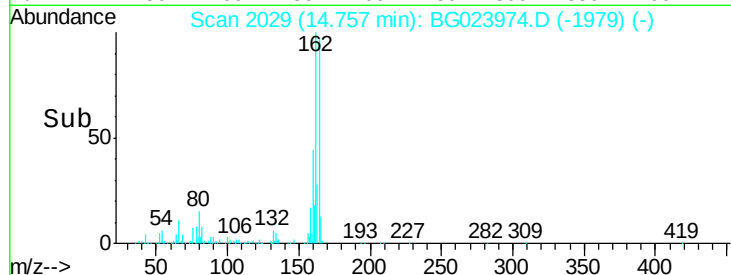
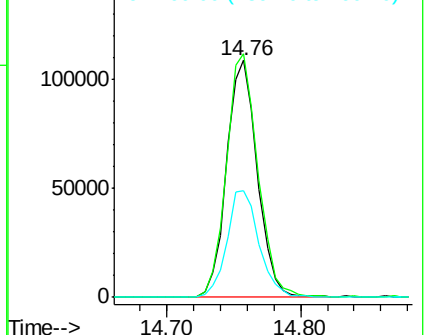
160 45.1 37.2 55.8



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# 1712

Delta R.T. -0.03 min

Lab File: BG023974.D

Acq: 9 Sep 2016 15:06

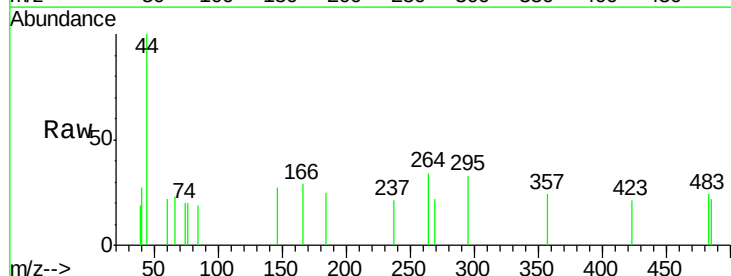
Tgt Ion:237 Resp: 61

Ion Ratio Lower Upper

237 100

235 0.0 43.1 83.1#

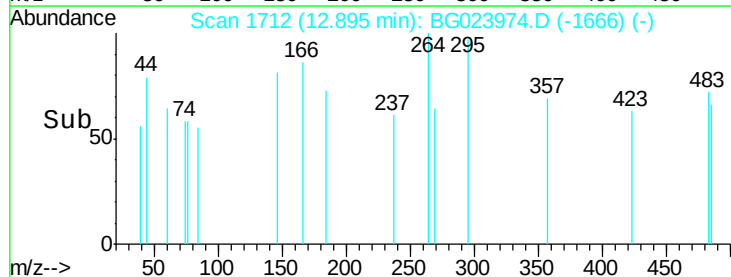
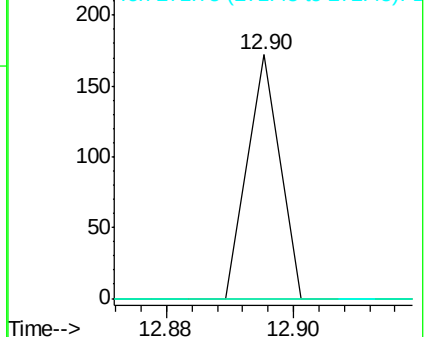
272 0.0 0.0 30.9

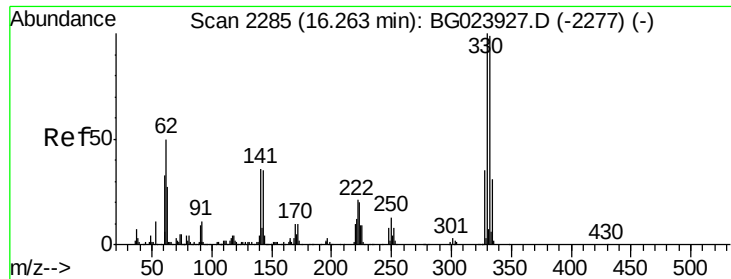


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

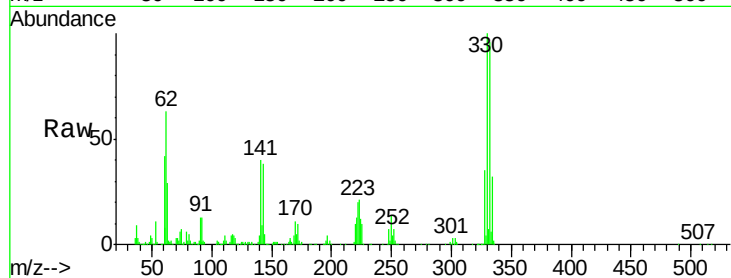




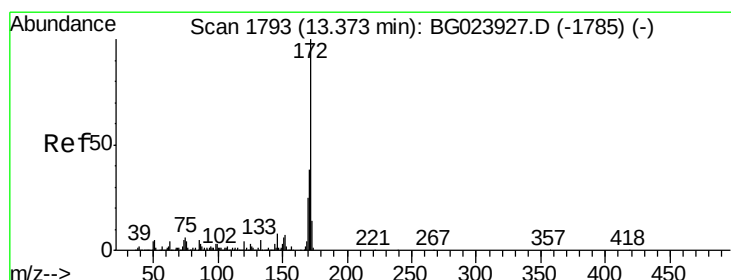
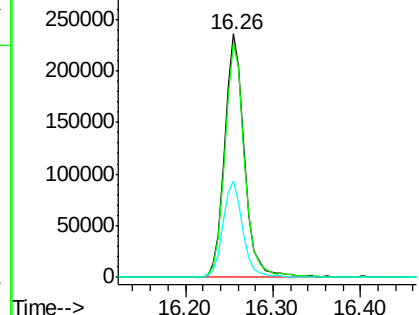
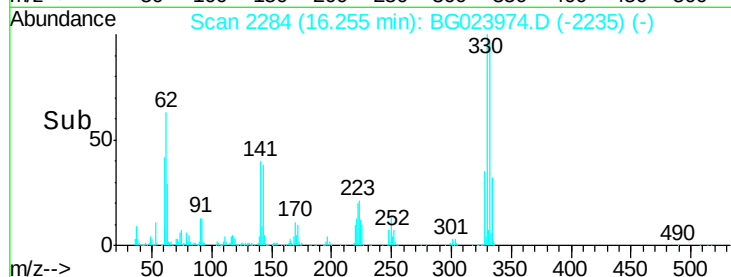
#41
 2,4,6-Tribromophenol
 Concen: 116.48 ng
 RT: 16.26 min Scan# 2284
 Delta R.T. -0.01 min
 Lab File: BG023974.D
 Acq: 9 Sep 2016 15:06

Instrument :
 BNA_G
 ClientSampleId :
 PB93314BL

Tgt Ion:330 Resp: 368682
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.4 116.2
 141 39.7 31.7 47.5

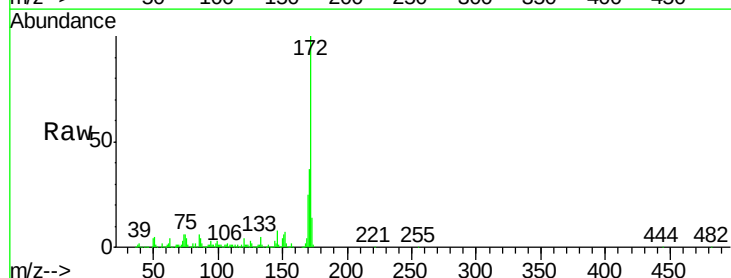


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

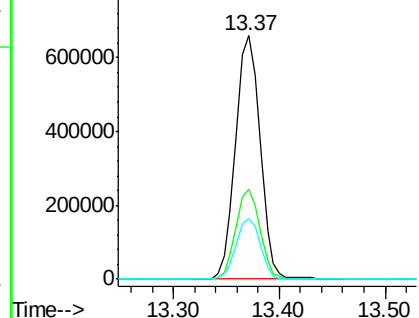
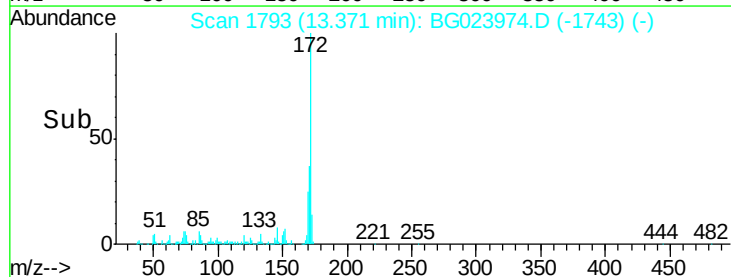


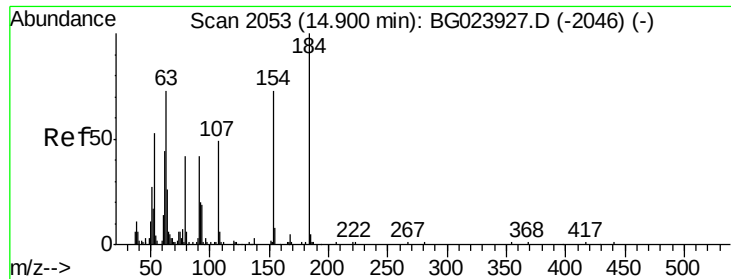
#44
 2-Fluorobiphenyl
 Concen: 86.38 ng
 RT: 13.37 min Scan# 1793
 Delta R.T. -0.01 min
 Lab File: BG023974.D
 Acq: 9 Sep 2016 15:06

Tgt Ion:172 Resp: 1058439
 Ion Ratio Lower Upper
 172 100
 171 37.2 31.6 47.4
 170 24.9 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

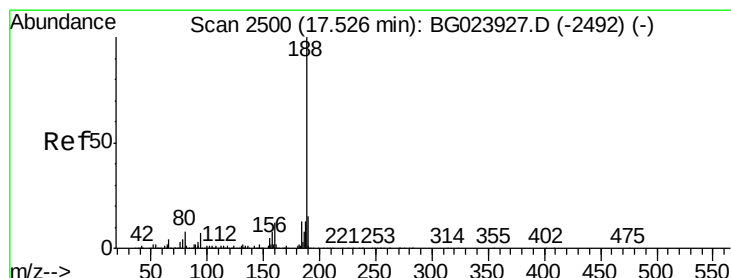
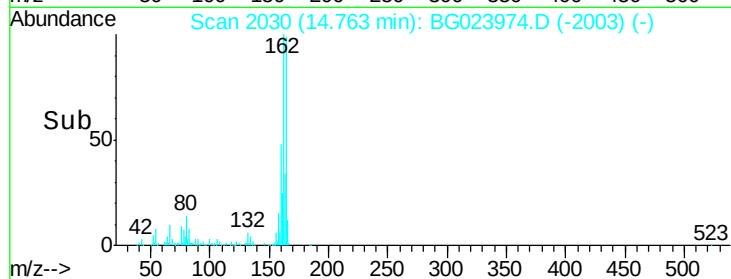
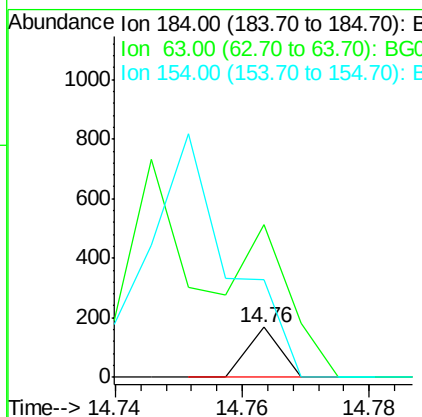
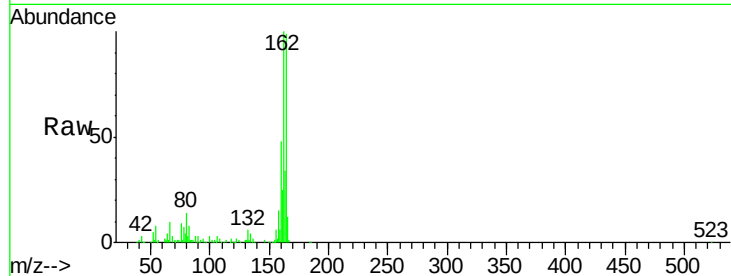




#53
 2,4-Dinitrophenol
 Concen: 6.53 ng
 RT: 14.76 min Scan# 2030
 Delta R.T. -0.14 min
 Lab File: BG023974.D
 Acq: 9 Sep 2016 15:06

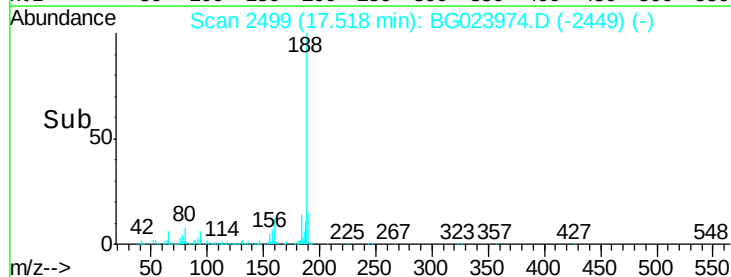
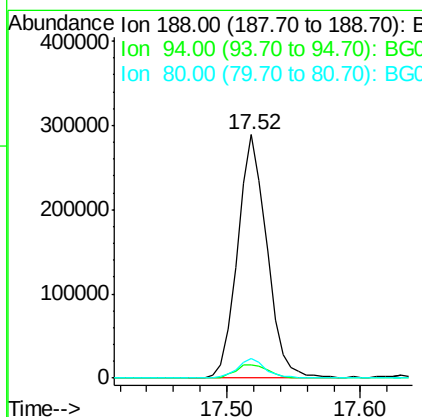
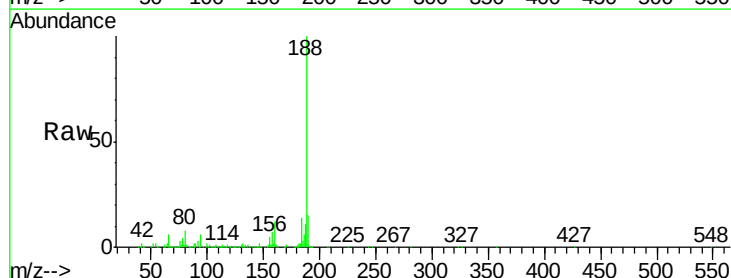
Instrument :
 BNA_G
 ClientSampled :
 PB93314BL

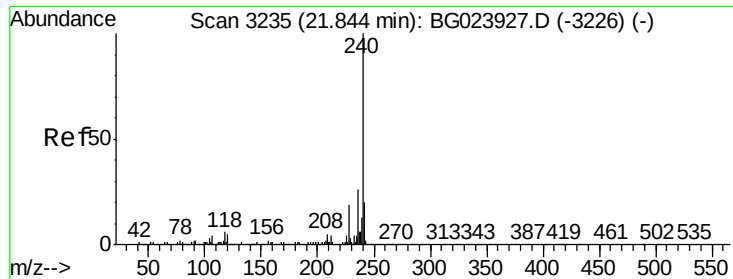
Tgt Ion:184 Resp: 59
 Ion Ratio Lower Upper
 184 100
 63 305.4 59.6 89.4#
 154 195.8 67.4 101.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.52 min Scan# 2499
 Delta R.T. -0.01 min
 Lab File: BG023974.D
 Acq: 9 Sep 2016 15:06

Tgt Ion:188 Resp: 438689
 Ion Ratio Lower Upper
 188 100
 94 5.5 5.2 7.8
 80 7.9 7.2 10.8

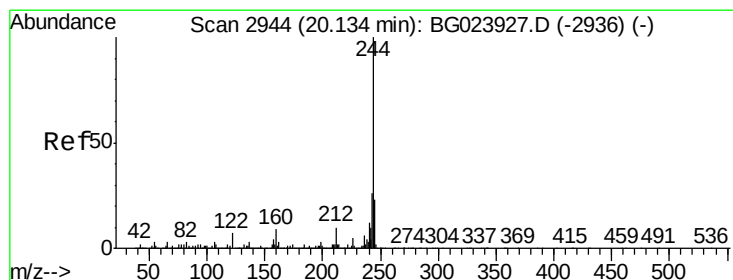
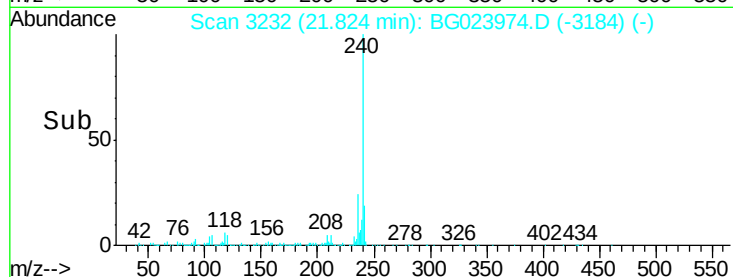
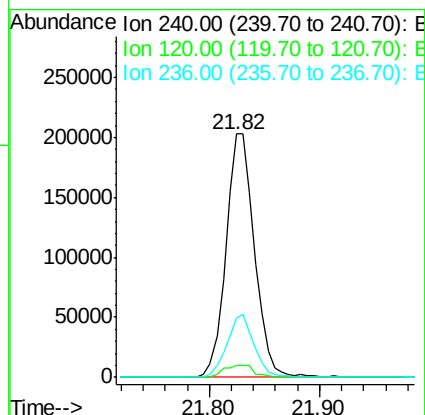
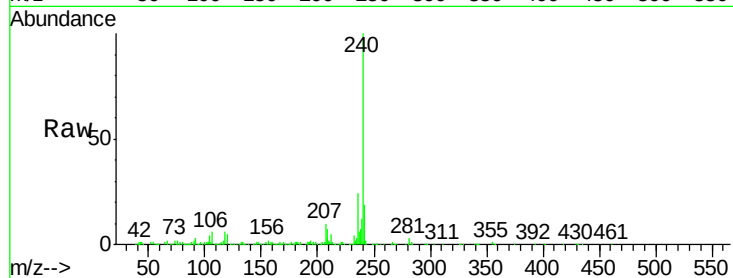




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.82 min Scan# 3232
Delta R.T. -0.02 min
Lab File: BG023974.D
Acq: 9 Sep 2016 15:06

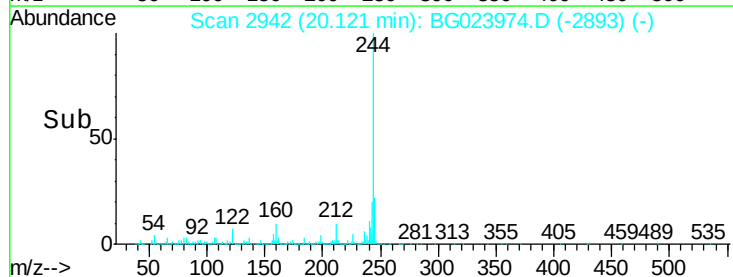
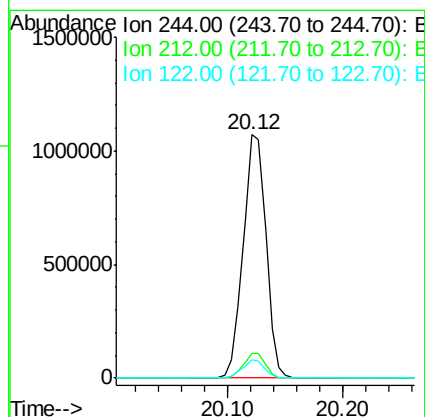
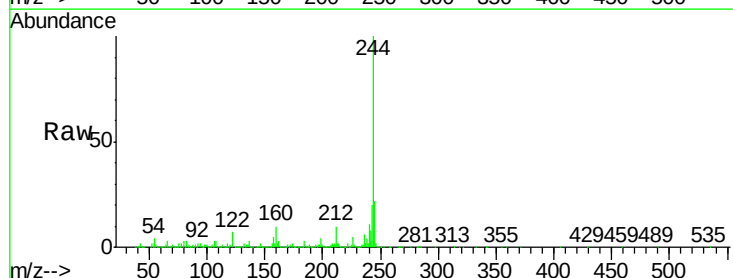
Instrument :
BNA_G
ClientSampleId :
PB93314BL

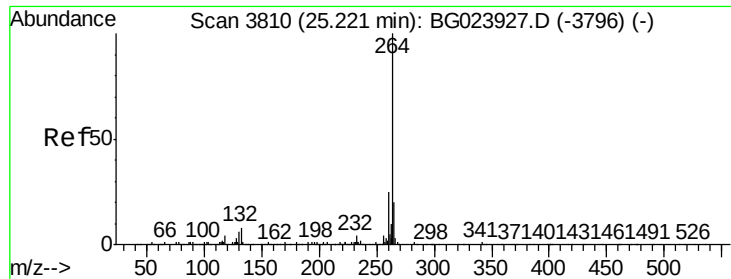
Tgt Ion:240 Resp: 365989
Ion Ratio Lower Upper
240 100
120 5.1 4.1 6.1
236 24.4 21.1 31.7



#78
Terphenyl-d14
Concen: 91.37 ng
RT: 20.12 min Scan# 2942
Delta R.T. -0.01 min
Lab File: BG023974.D
Acq: 9 Sep 2016 15:06

Tgt Ion:244 Resp: 1468354
Ion Ratio Lower Upper
244 100
212 10.4 10.8 16.2#
122 7.4 8.0 12.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.20 min Scan# 3806
Delta R.T. -0.01 min
Lab File: BG023974.D
Acq: 9 Sep 2016 15:06

Instrument :
BNA_G
ClientSampleId :
PB93314BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.4	27.6
265	20.0	18.9	28.3

