

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092216\
 Data File : BG024076.D
 Acq On : 22 Sep 2016 20:22
 Operator : UM/SJ
 Sample : PB93511BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB93511BL

Quant Time: Sep 23 01:26:55 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 20 19:01:00 2016
 Response via : Initial Calibration

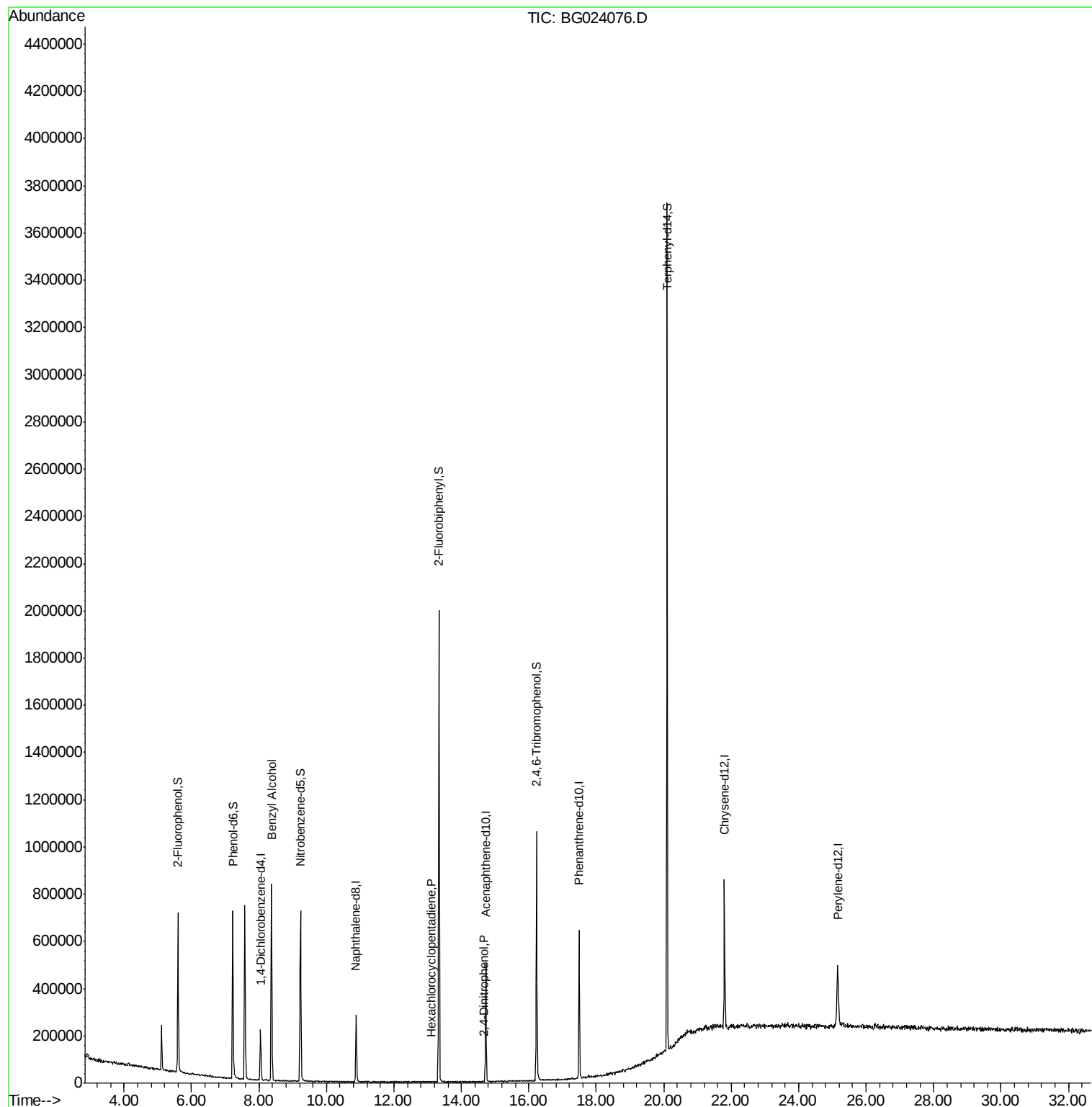
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	53156	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	231287	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	187492	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	389356	20.00	ng	0.00
75) Chrysene-d12	21.80	240	386910	20.00	ng	0.00
86) Perylene-d12	25.15	264	355238	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	266244	87.94	ng	0.00
7) Phenol-d6	7.22	99	402361	86.33	ng	0.00
23) Nitrobenzene-d5	9.23	82	470424	90.80	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	200061	59.22	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	947605	72.46	ng	0.00
78) Terphenyl-d14	20.10	244	1405321	82.72	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	8.37	79	8757	2.13	ng	# 71
40) Hexachlorocyclopentadiene	13.12	237	107	7.11	ng	# 26
53) 2,4-Dinitrophenol	14.67	184	61	6.53	ng	# 10

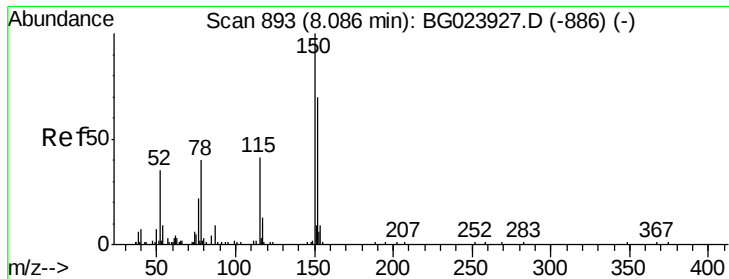
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.05 min Scan# 887

Delta R.T. -0.00 min

Lab File: BG024076.D

Acq: 22 Sep 2016 20:22

Instrument :

BNA_G

ClientSampleId :

PB93511BL

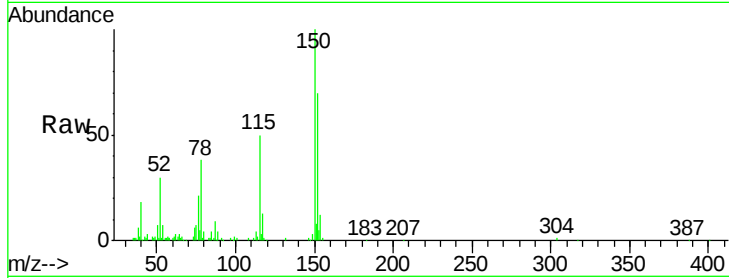
Tgt Ion:152 Resp: 53156

Ion Ratio Lower Upper

152 100

150 142.2 144.7 217.1#

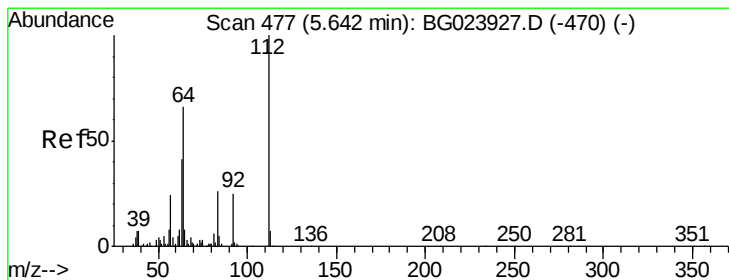
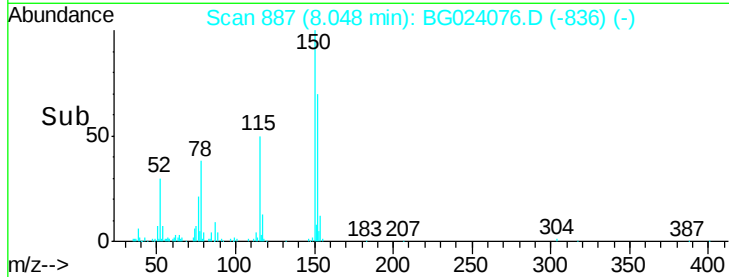
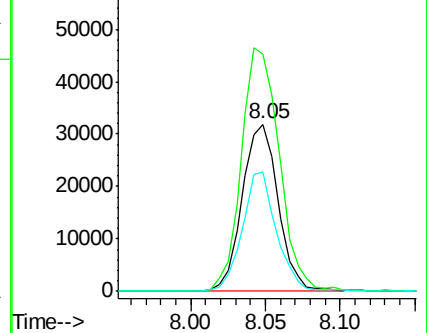
115 71.1 64.0 96.0



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: 87.94 ng

RT: 5.60 min Scan# 470

Delta R.T. -0.01 min

Lab File: BG024076.D

Acq: 22 Sep 2016 20:22

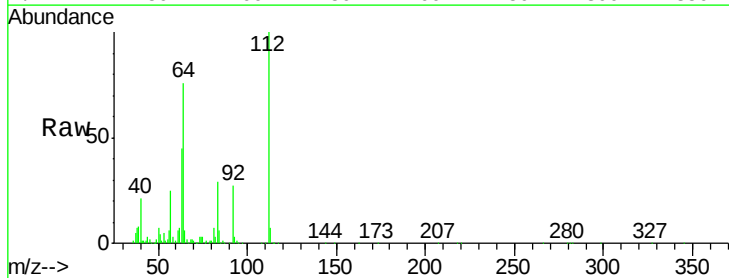
Tgt Ion:112 Resp: 266244

Ion Ratio Lower Upper

112 100

64 76.1 59.0 88.4

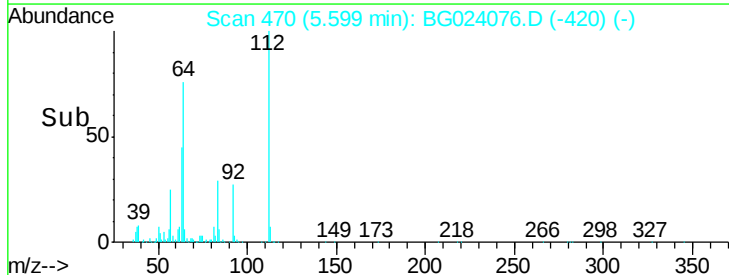
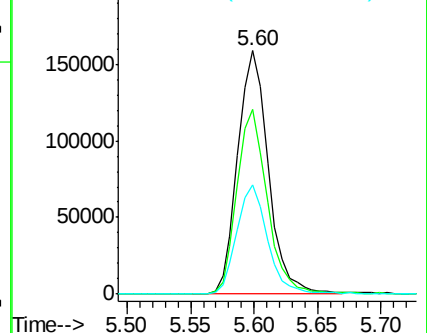
63 44.7 37.8 56.8

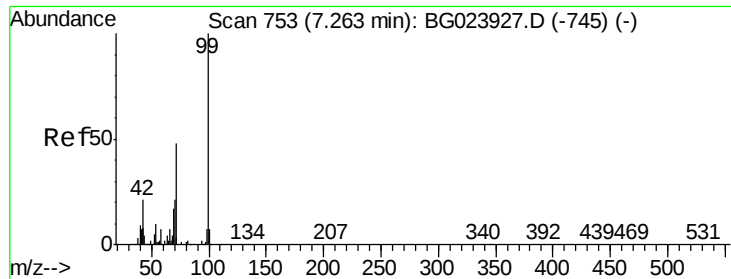


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 86.33 ng

RT: 7.22 min Scan# 746

Delta R.T. -0.00 min

Lab File: BG024076.D

Acq: 22 Sep 2016 20:22

Instrument :

BNA_G

ClientSampleId :

PB93511BL

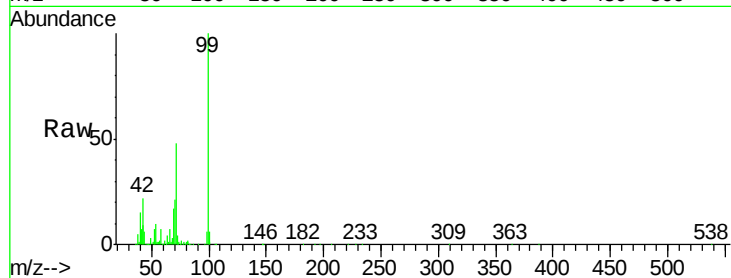
Tgt Ion: 99 Resp: 402361

Ion Ratio Lower Upper

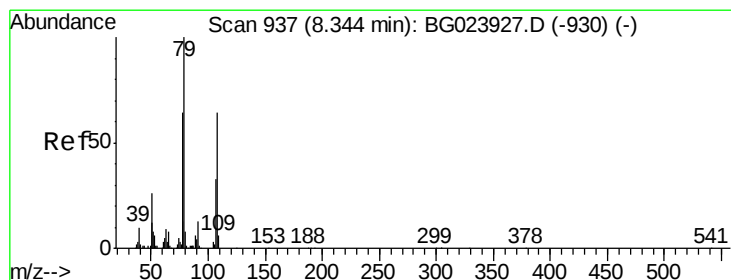
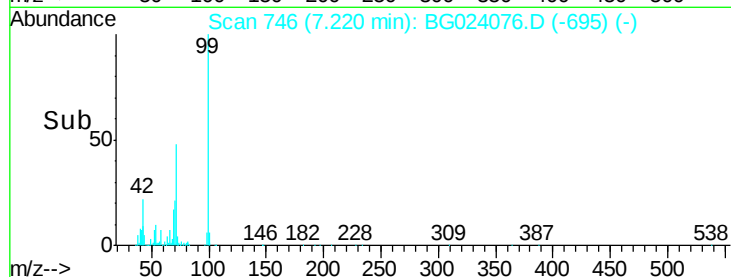
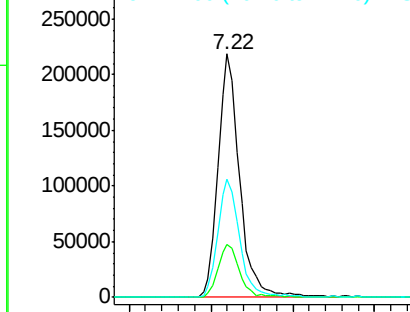
99 100

42 21.7 17.8 26.6

71 48.4 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: 2.13 ng

RT: 8.37 min Scan# 942

Delta R.T. 0.07 min

Lab File: BG024076.D

Acq: 22 Sep 2016 20:22

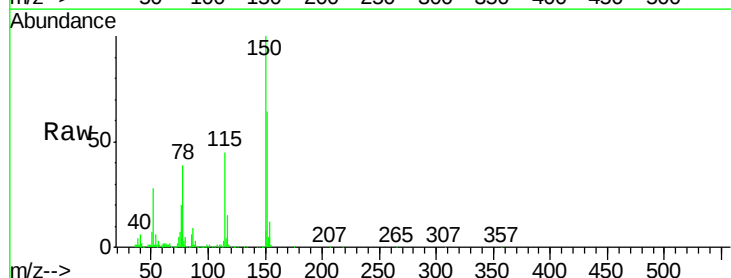
Tgt Ion: 79 Resp: 8757

Ion Ratio Lower Upper

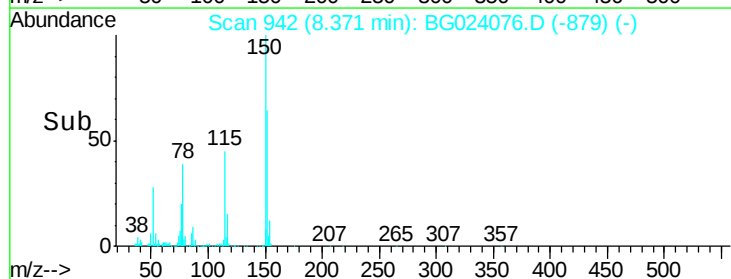
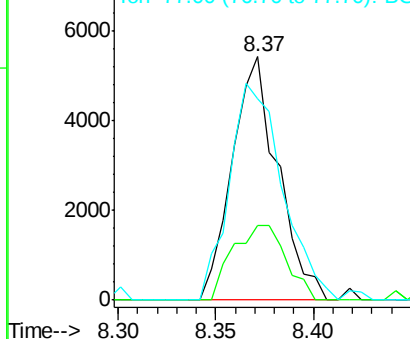
79 100

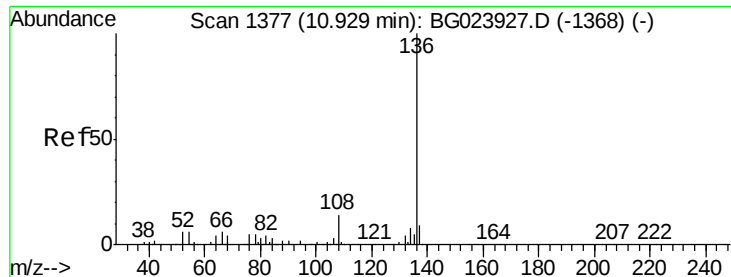
108 30.7 46.5 69.7#

77 83.0 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

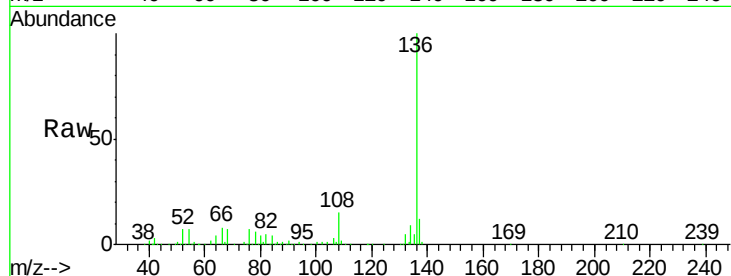




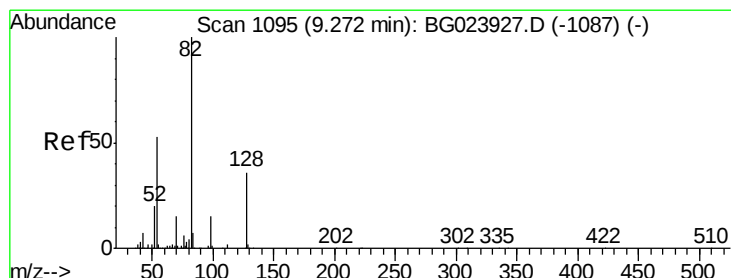
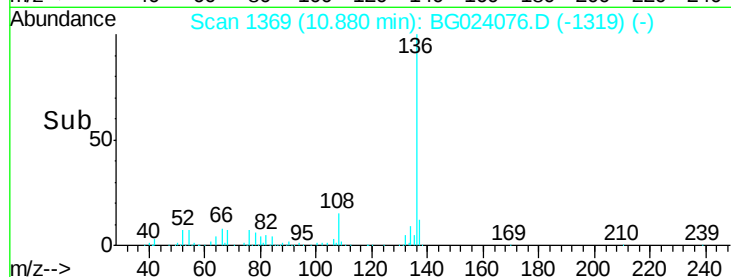
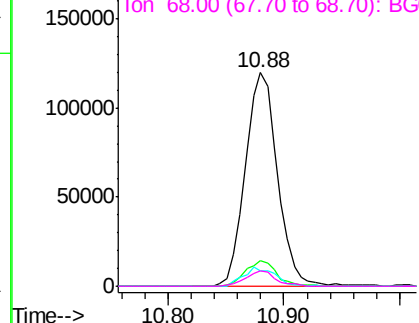
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BG024076.D
Acq: 22 Sep 2016 20:22

Instrument :
BNA_G
ClientSampleId :
PB93511BL

Tgt Ion:	136	Resp:	231287
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.6	14.4
54	7.3	7.3	10.9
68	7.4	5.3	7.9

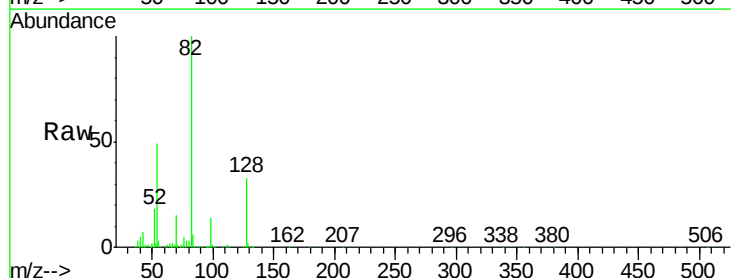


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

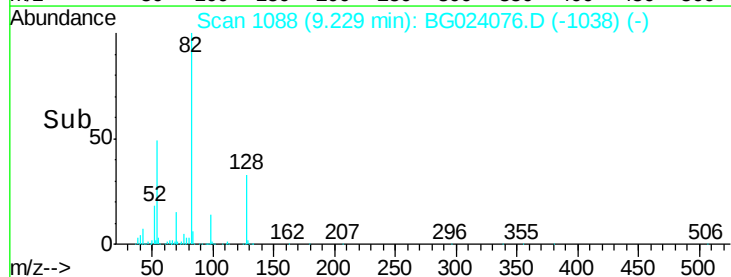
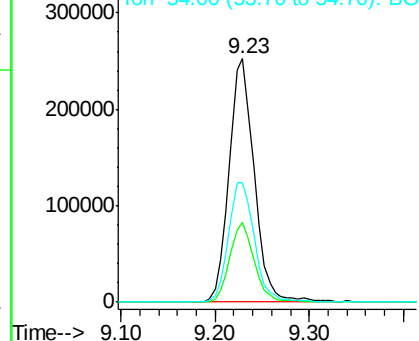


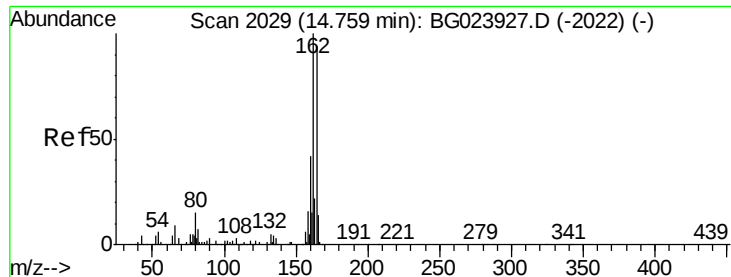
#23
Nitrobenzene-d5
Concen: 90.80 ng
RT: 9.23 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BG024076.D
Acq: 22 Sep 2016 20:22

Tgt Ion:	82	Resp:	470424
Ion	Ratio	Lower	Upper
82	100		
128	32.8	24.4	36.6
54	49.3	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. -0.00 min

Lab File: BG024076.D

Acq: 22 Sep 2016 20:22

Instrument :

BNA_G

ClientSampleId :

PB93511BL

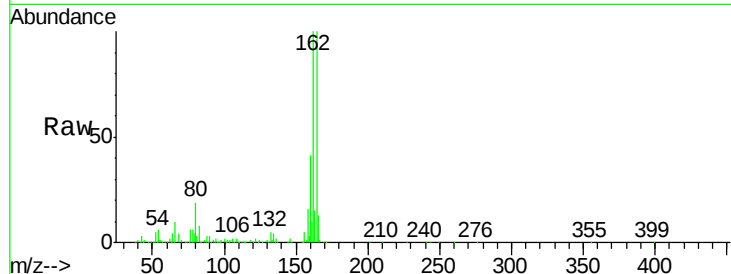
Tgt Ion:164 Resp: 187492

Ion Ratio Lower Upper

164 100

162 99.7 87.7 131.5

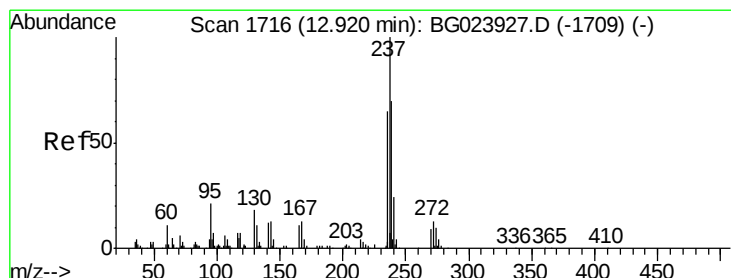
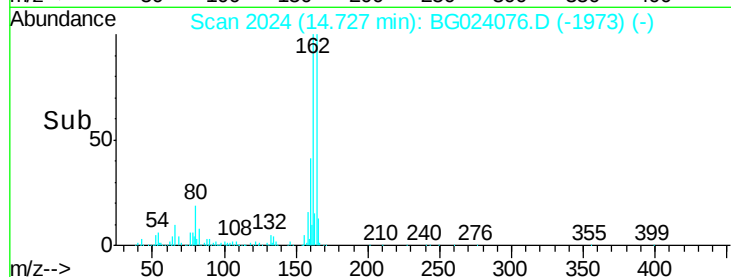
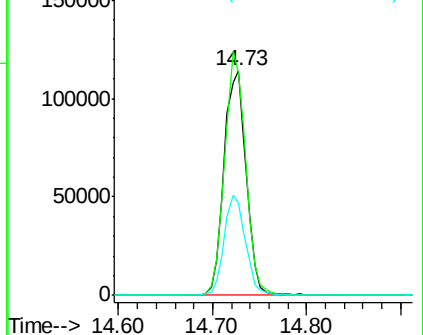
160 41.3 37.2 55.8



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: 13.12 min Scan# 1750

Delta R.T. 0.23 min

Lab File: BG024076.D

Acq: 22 Sep 2016 20:22

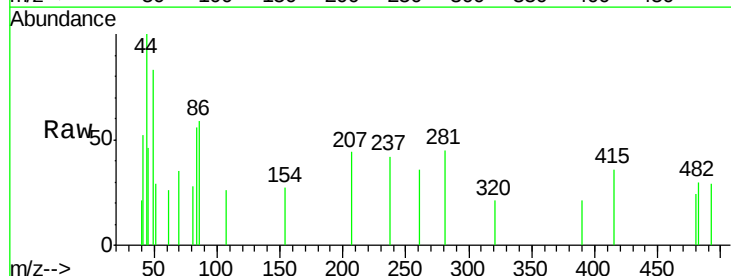
Tgt Ion:237 Resp: 107

Ion Ratio Lower Upper

237 100

235 0.0 43.1 83.1#

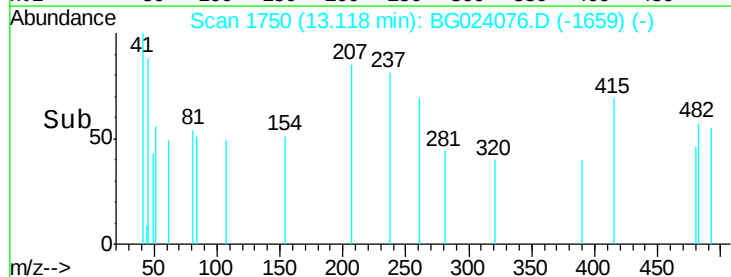
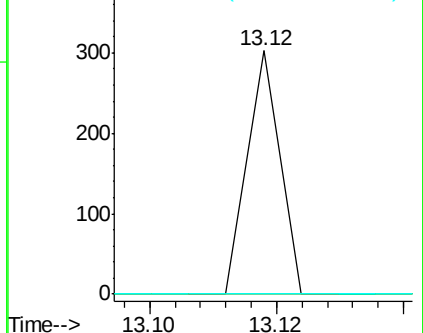
272 0.0 0.0 30.9

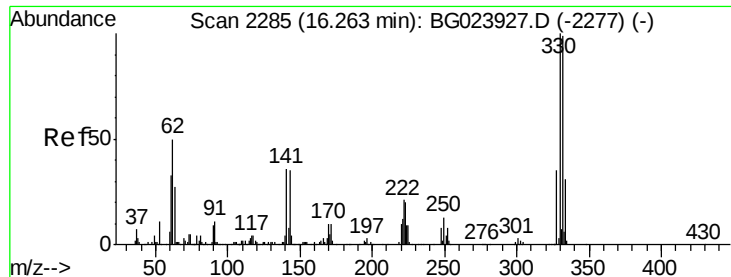


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

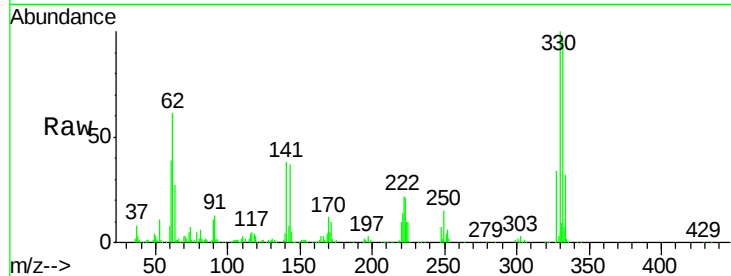




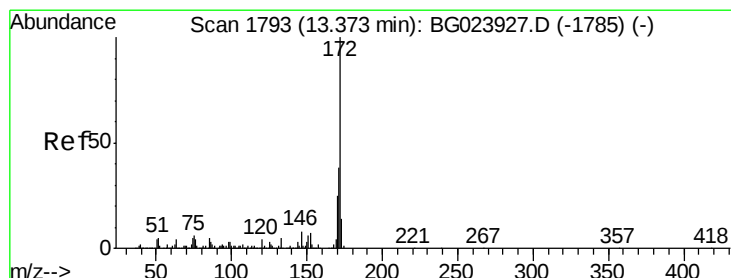
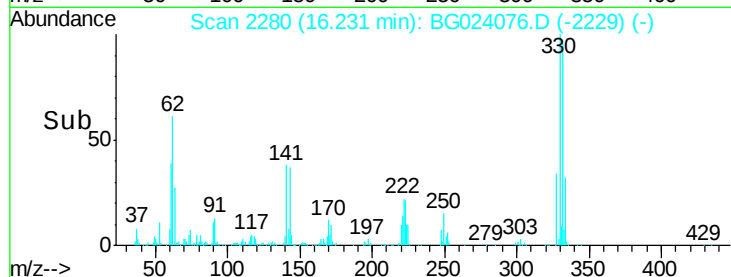
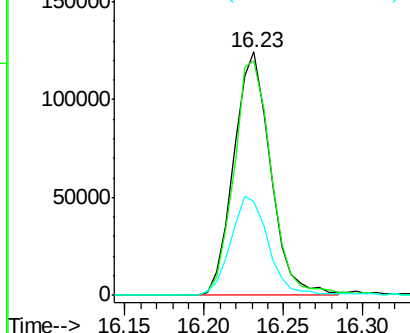
#41
 2,4,6-Tribromophenol
 Concen: 59.22 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BG024076.D
 Acq: 22 Sep 2016 20:22

Instrument :
 BNA_G
 ClientSampleId :
 PB93511BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.7	77.4	116.2
141	42.2	31.7	47.5

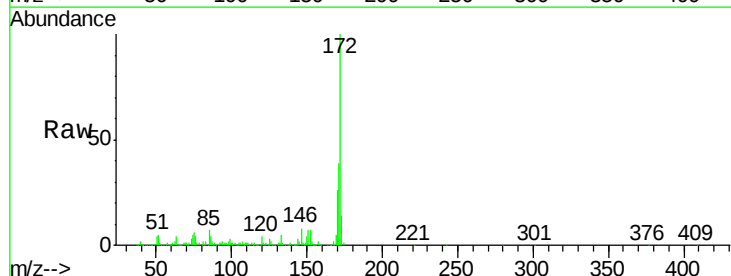


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

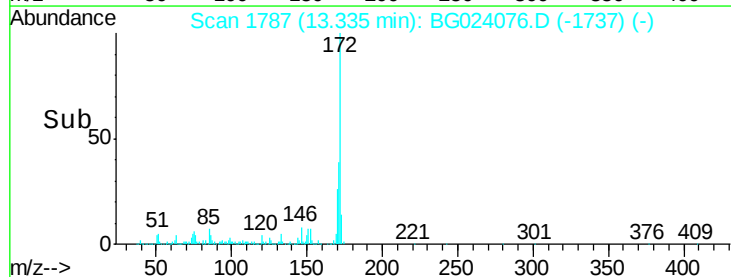
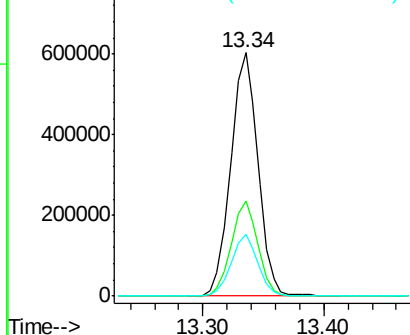


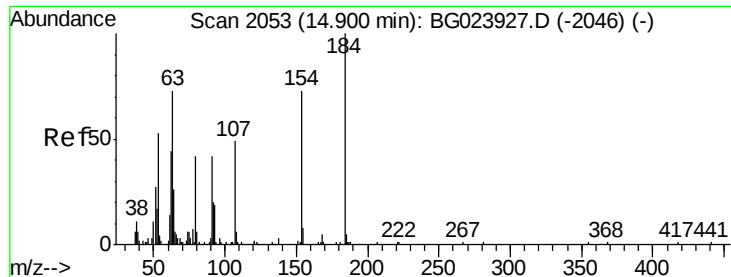
#44
 2-Fluorobiphenyl
 Concen: 72.46 ng
 RT: 13.34 min Scan# 1787
 Delta R.T. -0.01 min
 Lab File: BG024076.D
 Acq: 22 Sep 2016 20:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.0	31.6	47.4
170	25.6	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

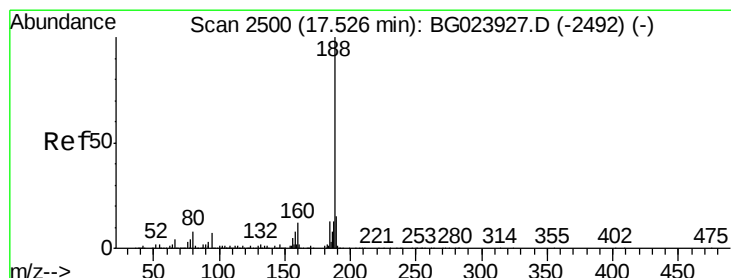
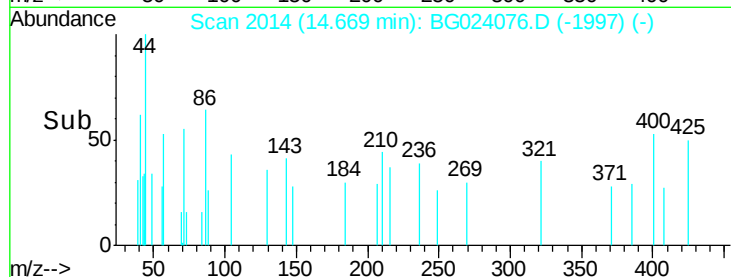
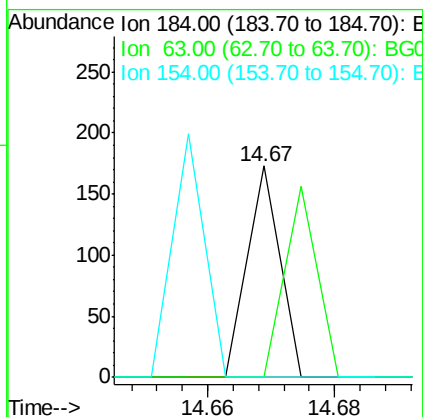
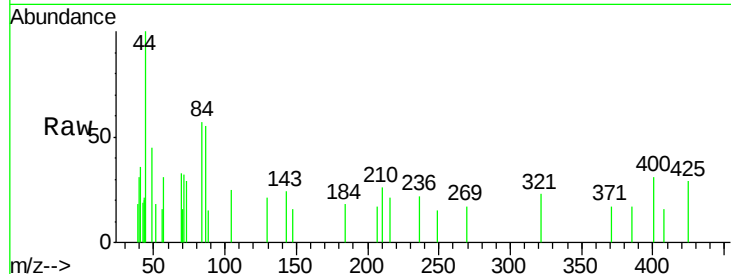




#53
2,4-Dinitrophenol
Concen: 6.53 ng
RT: 14.67 min Scan# 2014
Delta R.T. -0.20 min
Lab File: BG024076.D
Acq: 22 Sep 2016 20:22

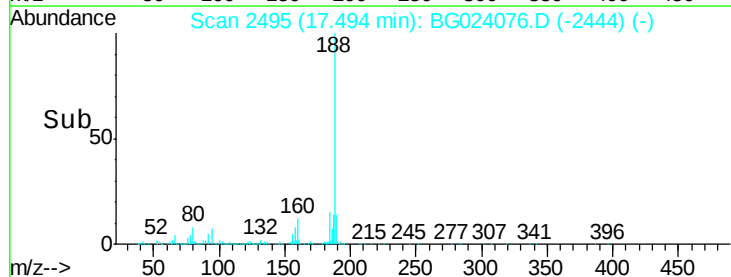
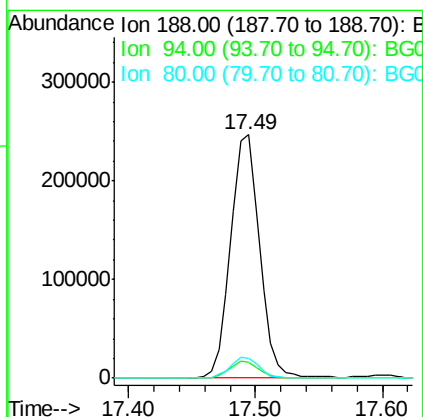
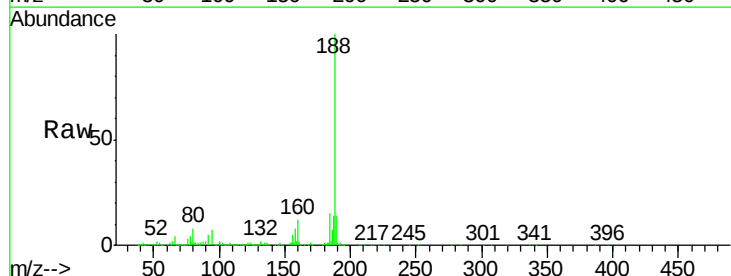
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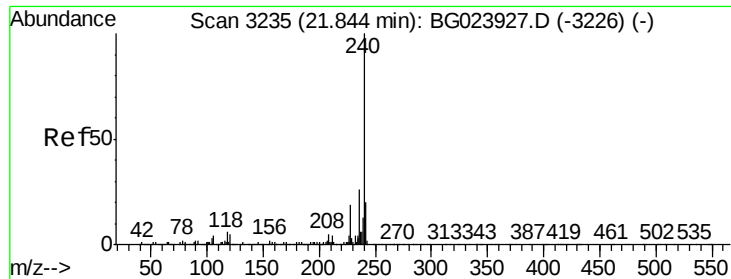
Tgt Ion:184 Resp: 61
Ion Ratio Lower Upper
184 100
63 0.0 59.6 89.4#
154 0.0 67.4 101.0#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2495
Delta R.T. -0.00 min
Lab File: BG024076.D
Acq: 22 Sep 2016 20:22

Tgt Ion:188 Resp: 389356
Ion Ratio Lower Upper
188 100
94 6.7 5.2 7.8
80 8.2 7.2 10.8

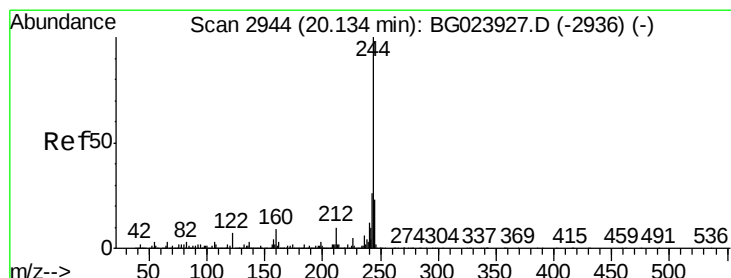
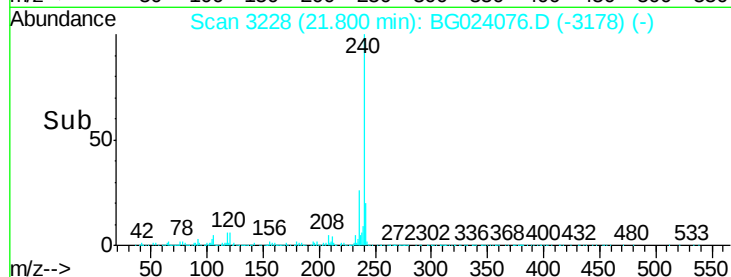
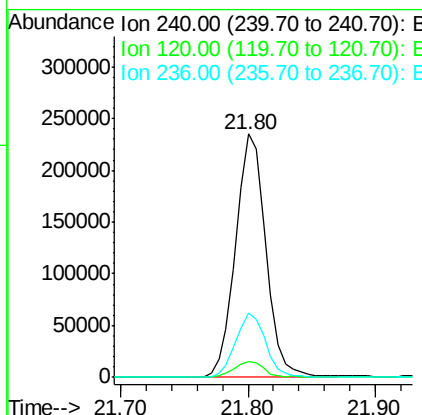
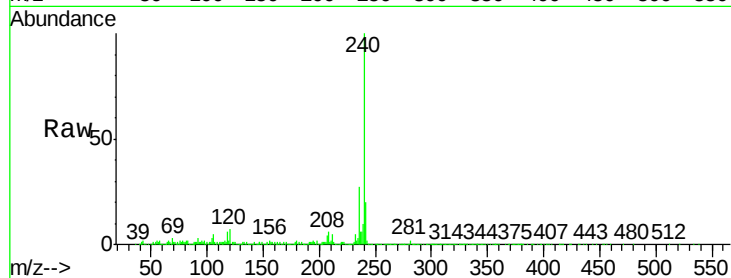




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.80 min Scan# 3228
Delta R.T. -0.01 min
Lab File: BG024076.D
Acq: 22 Sep 2016 20:22

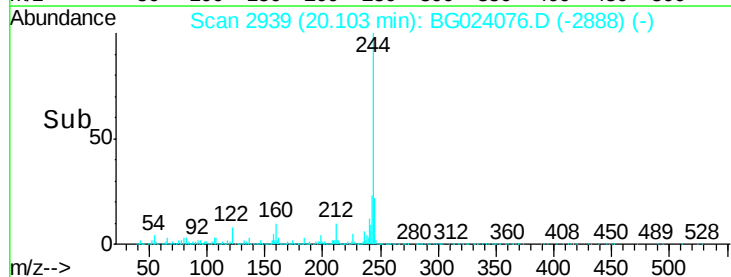
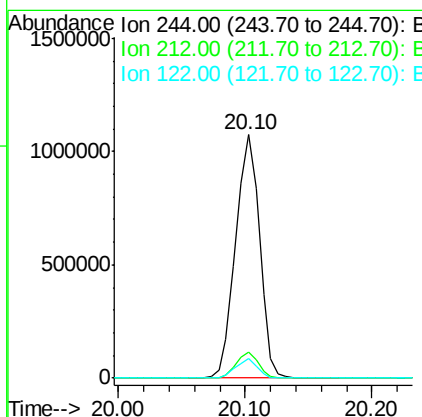
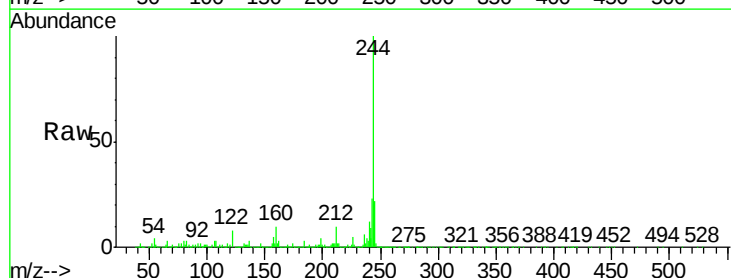
Instrument :
BNA_G
ClientSampleId :
PB93511BL

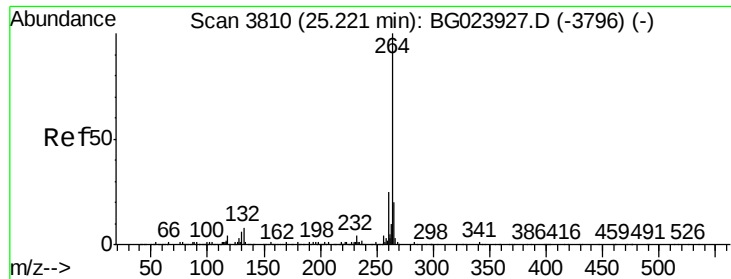
Tgt Ion:240 Resp: 386910
Ion Ratio Lower Upper
240 100
120 6.5 4.1 6.1#
236 26.6 21.1 31.7



#78
Terphenyl-d14
Concen: 82.72 ng
RT: 20.10 min Scan# 2939
Delta R.T. -0.00 min
Lab File: BG024076.D
Acq: 22 Sep 2016 20:22

Tgt Ion:244 Resp: 1405321
Ion Ratio Lower Upper
244 100
212 10.5 10.8 16.2#
122 7.9 8.0 12.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.15 min Scan# 3799
Delta R.T. -0.00 min
Lab File: BG024076.D
Acq: 22 Sep 2016 20:22

Instrument :
BNA_G
ClientSampleId :
PB93511BL

Tgt Ion:	264	Resp:	355238
Ion	Ratio	Lower	Upper
264	100		
260	26.1	18.4	27.6
265	21.1	18.9	28.3

