

Data Path : Z:\HPCHEM1\BNA G\DATA\BG073116\
 Data File : BG023371.D
 Acq On : 31 Jul 2016 16:56
 Operator : UM/SJ
 Sample : H4285-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 01 01:27:03 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG072616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:30:33 2016
 Response via : Initial Calibration

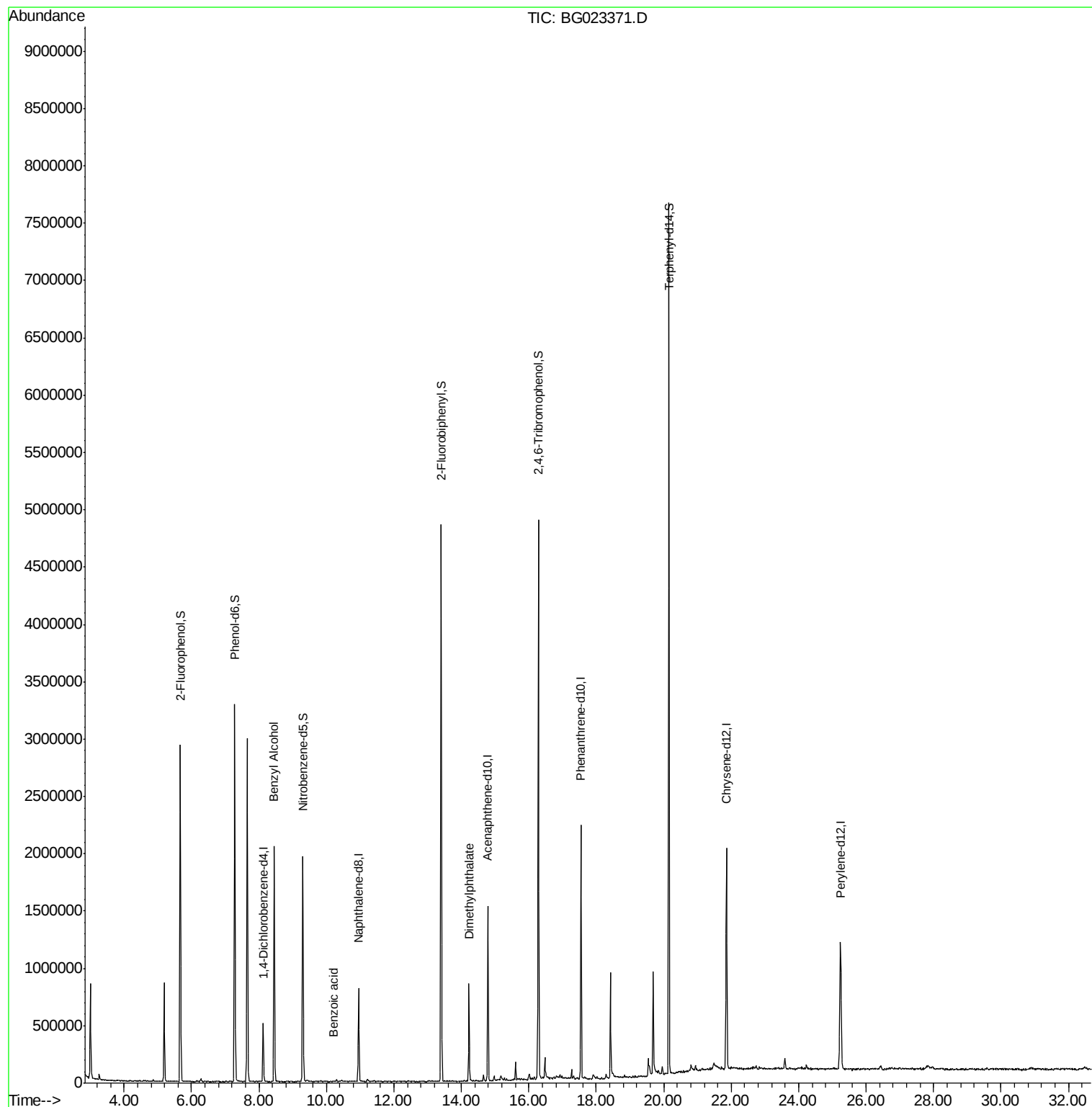
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	145419	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	677023	20.00	ng	-0.02
38) Acenaphthene-d10	14.79	164	496133	20.00	ng	-0.02
63) Phenanthrene-d10	17.55	188	1306810	20.00	ng	-0.02
75) Chrysene-d12	21.86	240	1149025	20.00	ng	-0.03
86) Perylene-d12	25.24	264	1149963	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	1299049	152.50	ng	0.00
7) Phenol-d6	7.28	99	1979129	151.34	ng	0.00
23) Nitrobenzene-d5	9.30	82	1288694	93.08	ng	0.00
41) 2,4,6-Tribromophenol	16.28	330	871902	169.79	ng	-0.02
44) 2-Fluorobiphenyl	13.40	172	2339043	88.24	ng	-0.02
78) Terphenyl-d14	20.16	244	2773546	78.47	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	8.45	79	18435	2.09	ng	# 56
32) Benzoic acid	10.21	122	121	8.12	ng	# 1
49) Dimethylphthalate	14.23	163	563380	15.39	ng	99

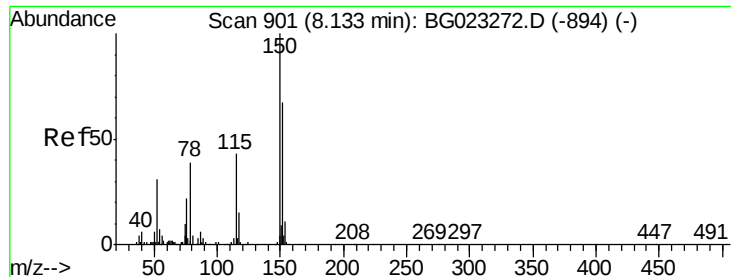
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 899

Delta R.T. -0.02 min

Lab File: BG023371.D

Acq: 31 Jul 2016 16:56

Instrument :

BNA_G

ClientSampleId :

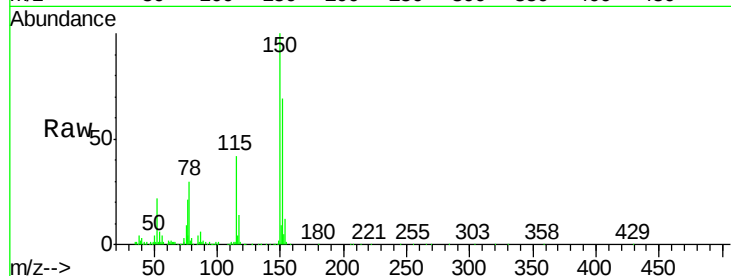
Tot Ion:152 Resp: 145419

Ion Ratio Lower Upper

152 100

150 145.1 144.7 217.1

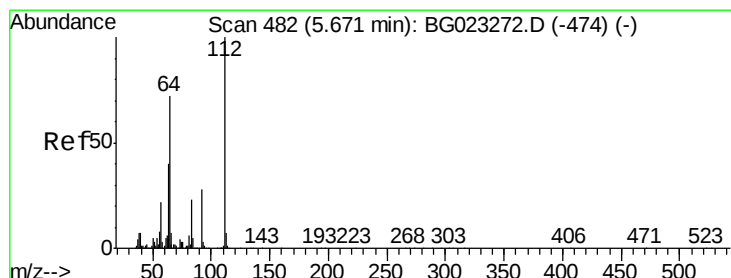
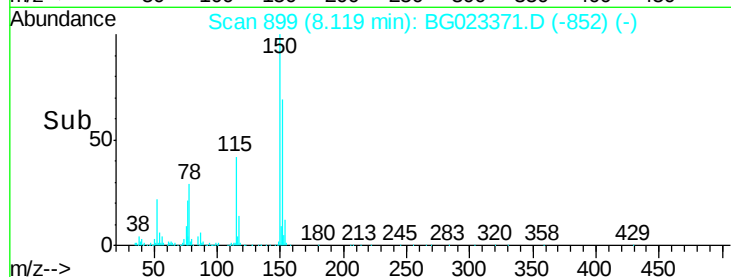
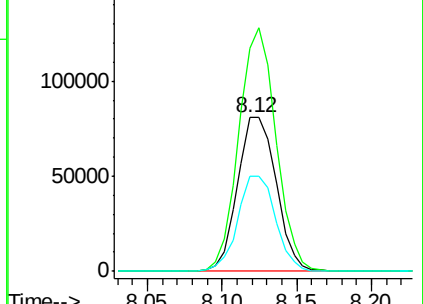
115 61.4 64.0 96.0#



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: 152.50 ng

RT: 5.66 min Scan# 481

Delta R.T. -0.01 min

Lab File: BG023371.D

Acq: 31 Jul 2016 16:56

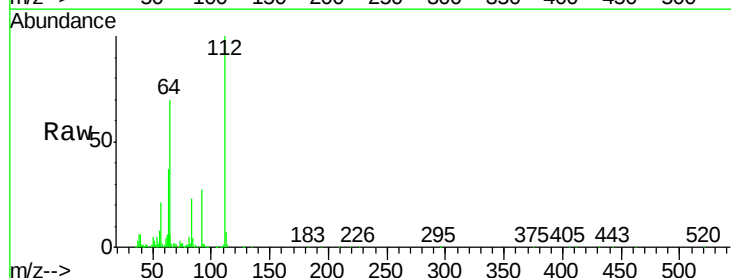
Tgt Ion:112 Resp: 1299049

Ion Ratio Lower Upper

112 100

64 70.4 59.0 88.4

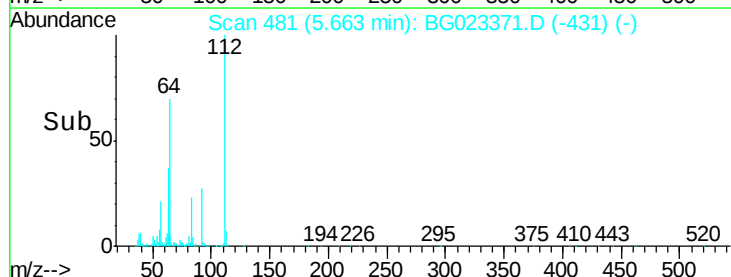
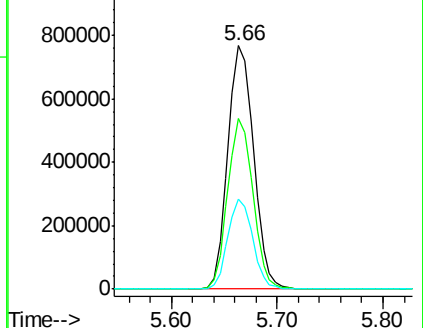
63 37.1 37.8 56.8#

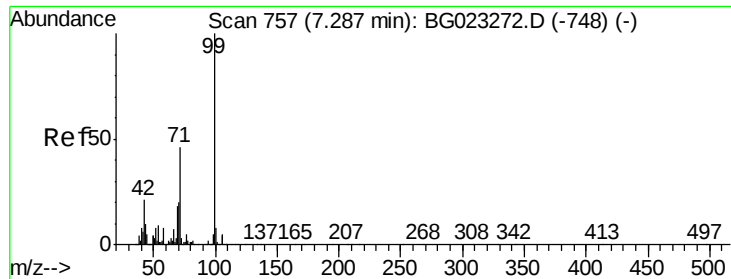


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 151.34 ng

RT: 7.28 min Scan# 756

Delta R.T. -0.01 min

Lab File: BG023371.D

Acq: 31 Jul 2016 16:56

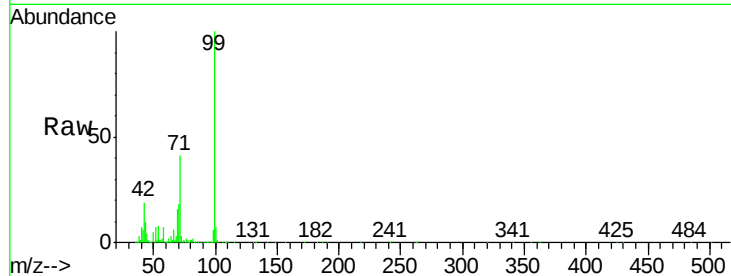
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 1979129

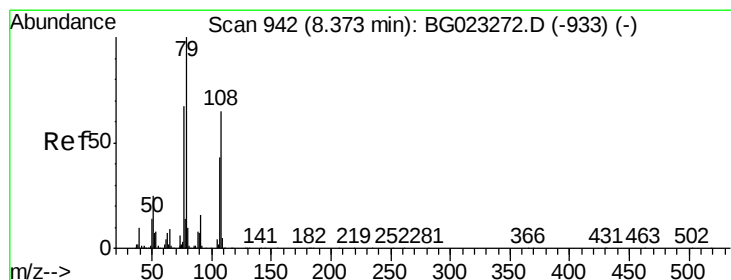
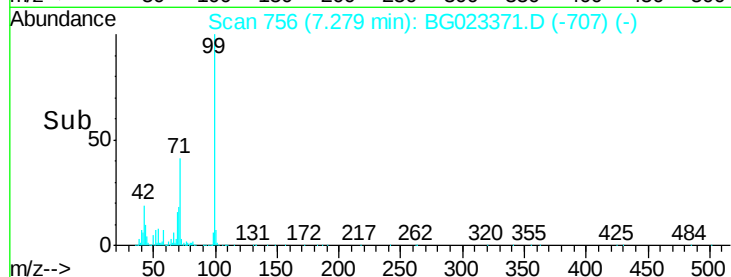
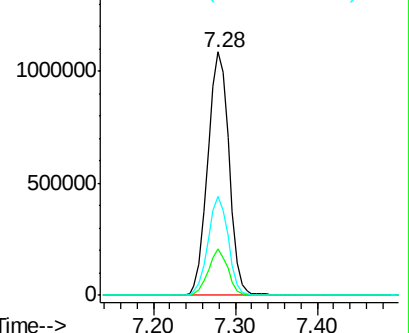
Ion	Ratio	Lower	Upper
99	100		
42	19.0	17.8	26.6
71	40.7	41.5	62.3



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: 2.09 ng

RT: 8.45 min Scan# 955

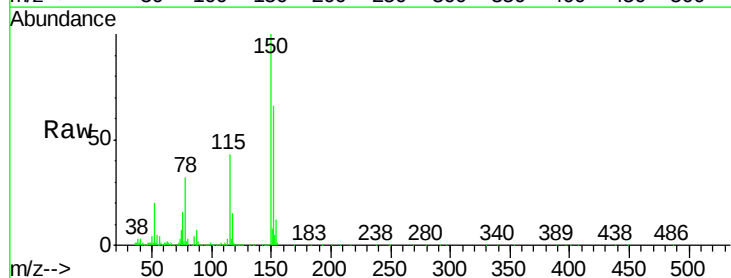
Delta R.T. 0.07 min

Lab File: BG023371.D

Acq: 31 Jul 2016 16:56

Tgt Ion: 79 Resp: 18435

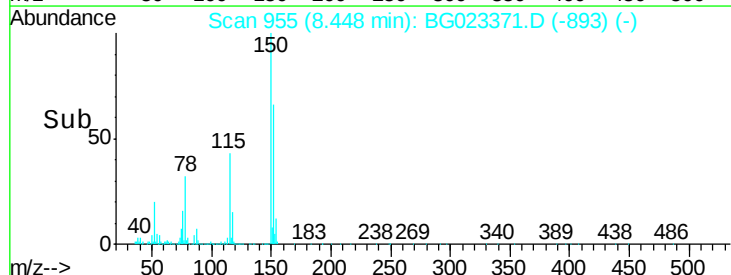
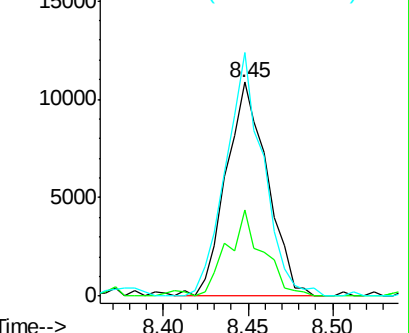
Ion	Ratio	Lower	Upper
79	100		
108	40.4	46.5	69.7
77	113.9	52.3	78.5

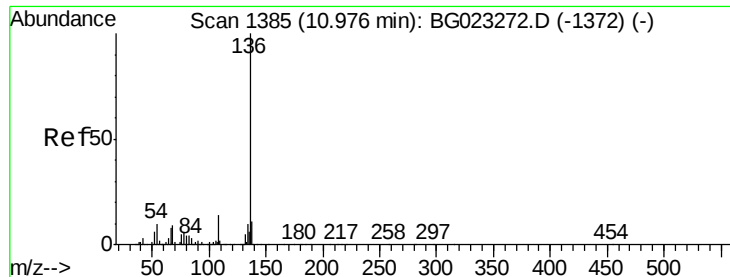


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

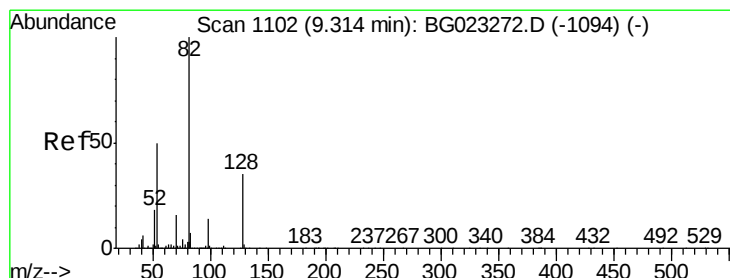
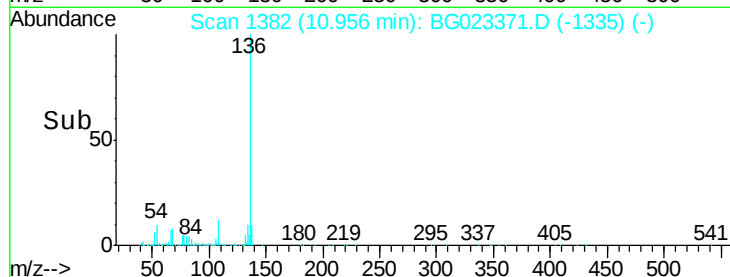
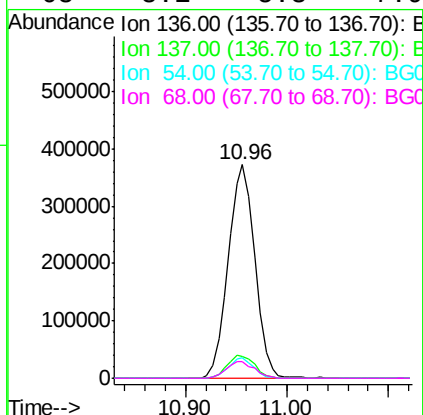
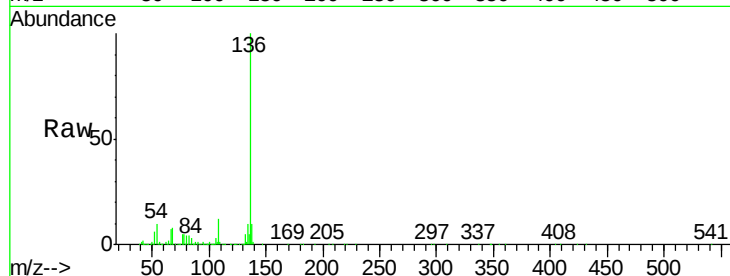




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.96 min Scan# 1382
Delta R.T. -0.02 min
Lab File: BG023371.D
Acq: 31 Jul 2016 16:56

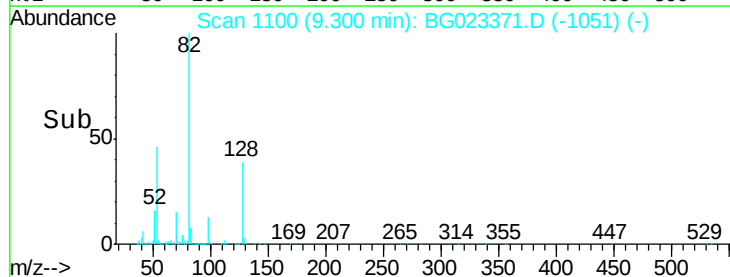
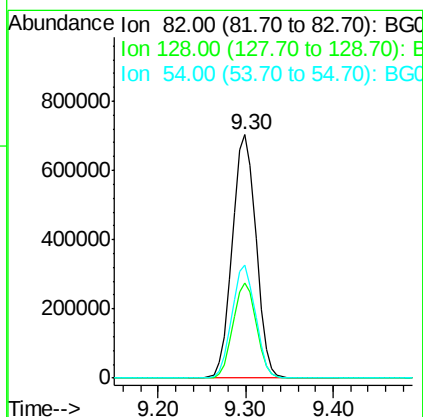
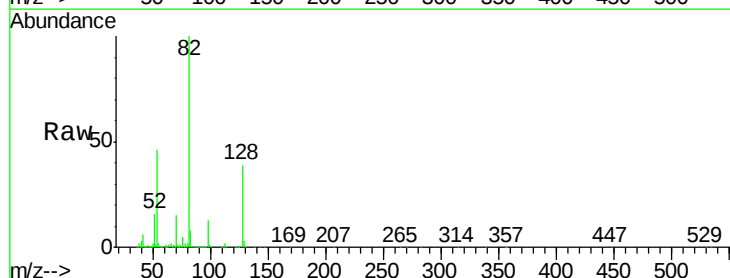
Instrument :
BNA_G
ClientSampled :

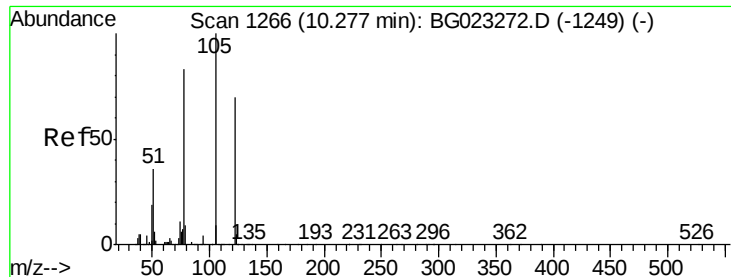
Tot Ion:136	Resp:	677023	
Ion Ratio	Lower	Upper	
136 100			
137 10.4	9.6	14.4	
54 9.7	7.3	10.9	
68 8.1	5.3	7.9#	



#23
Nitrobenzene-d5
Concen: 93.08 ng
RT: 9.30 min Scan# 1100
Delta R.T. -0.01 min
Lab File: BG023371.D
Acq: 31 Jul 2016 16:56

Tgt Ion: 82	Resp: 1288694
Ion Ratio	Lower Upper
82 100	
128 39.1	24.4 36.6#
54 46.3	41.4 62.0





#32

Benzoic acid

Concen: 8.12 ng

RT: 10.21 min Scan# 1255

Delta R.T. -0.07 min

Lab File: BG023371.D

Acq: 31 Jul 2016 16:56

Instrument :

BNA_G

ClientSampled :

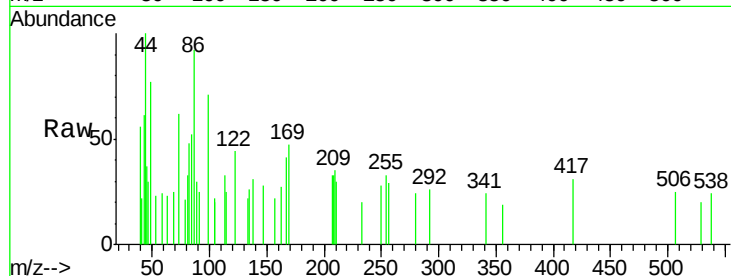
Tot Ion:122 Resp: 121

Ion Ratio Lower Upper

122 100

105 0.0 117.2 157.2#

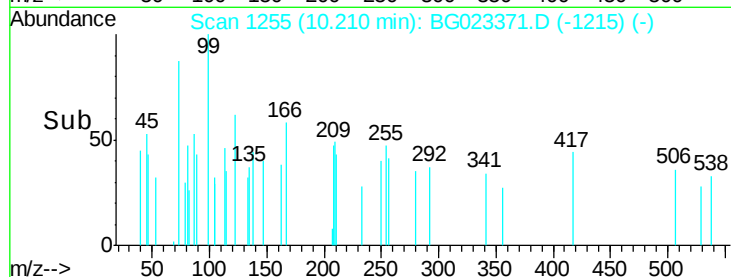
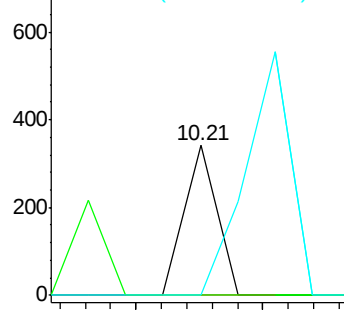
77 0.0 109.2 149.2#



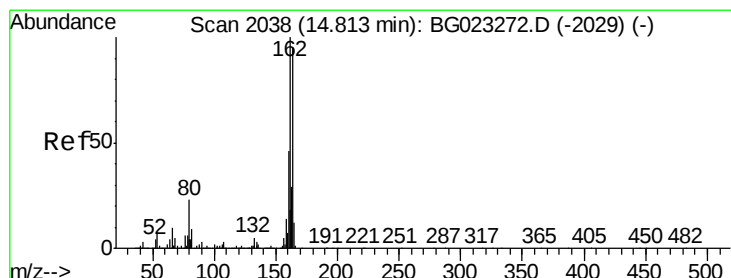
Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): B



Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.79 min Scan# 2034

Delta R.T. -0.02 min

Lab File: BG023371.D

Acq: 31 Jul 2016 16:56

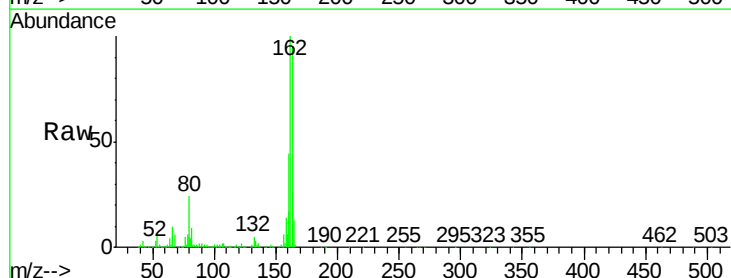
Tgt Ion:164 Resp: 496133

Ion Ratio Lower Upper

164 100

162 105.1 87.7 131.5

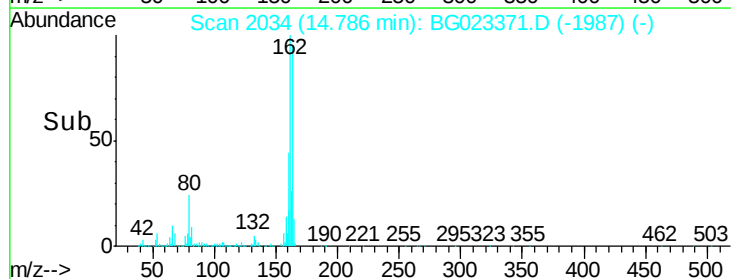
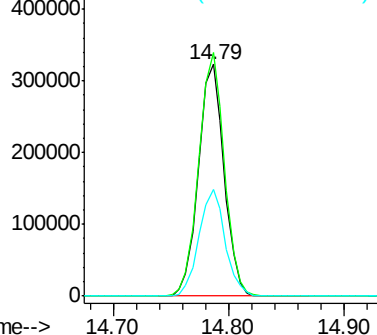
160 45.9 37.2 55.8



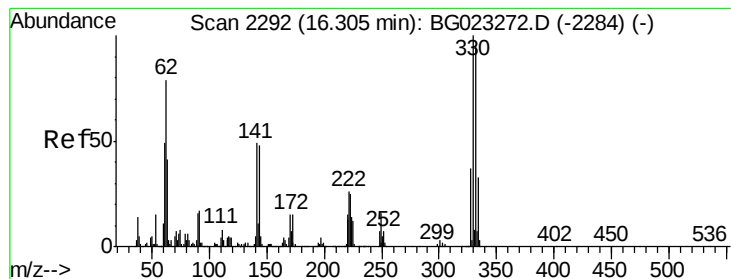
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->



#41

2,4,6-Tribromophenol

Concen: 169.79 ng

RT: 16.28 min Scan# 2289

Delta R.T. -0.02 min

Lab File: BG023371.D

Acq: 31 Jul 2016 16:56

Instrument :

BNA_G

ClientSampleId :

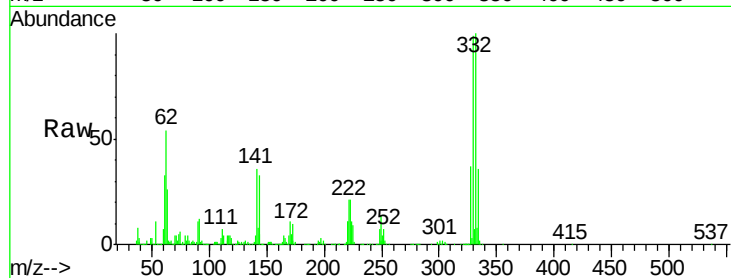
Tot Ion:330 Resp: 871902

Ion Ratio Lower Upper

330 100

332 99.9 77.4 116.2

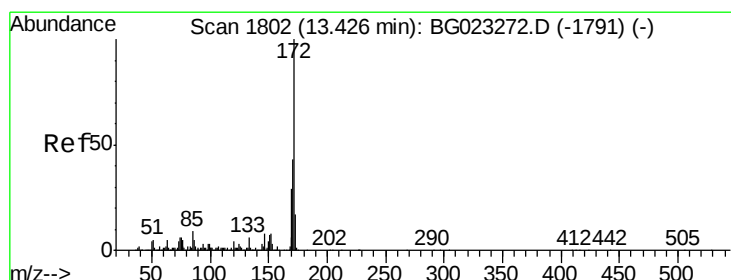
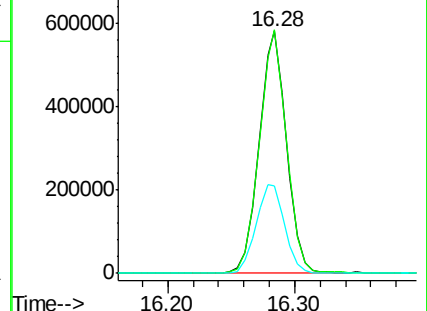
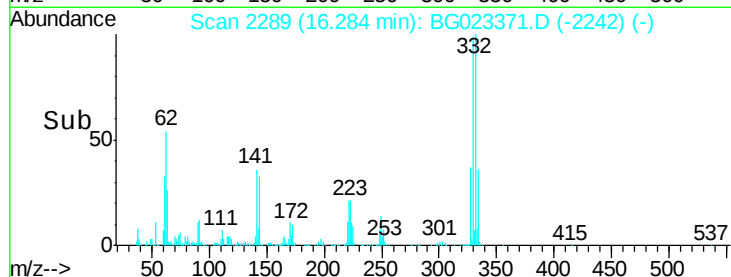
141 38.3 31.7 47.5



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: 88.24 ng

RT: 13.40 min Scan# 1798

Delta R.T. -0.02 min

Lab File: BG023371.D

Acq: 31 Jul 2016 16:56

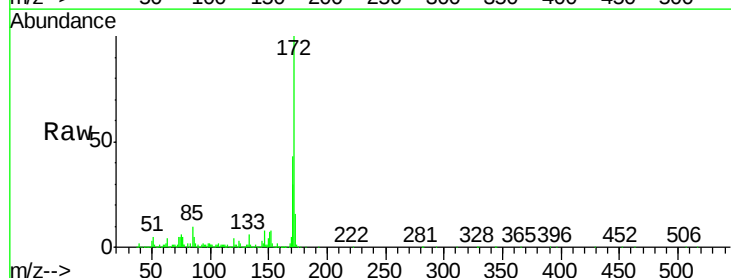
Tgt Ion:172 Resp: 2339043

Ion Ratio Lower Upper

172 100

171 43.4 31.6 47.4

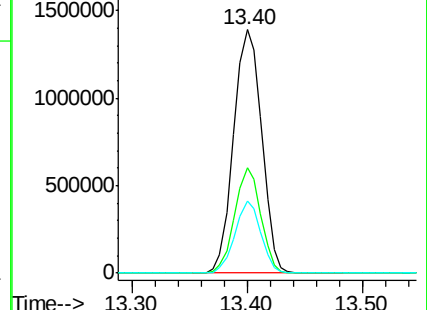
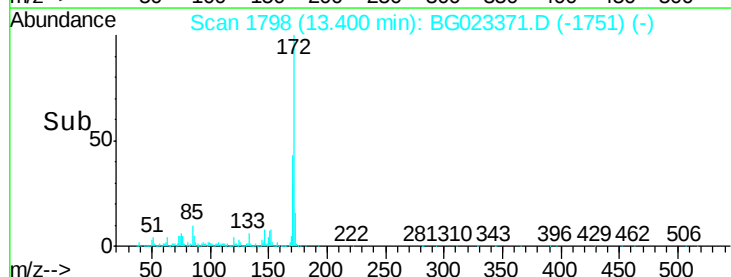
170 29.5 21.3 31.9

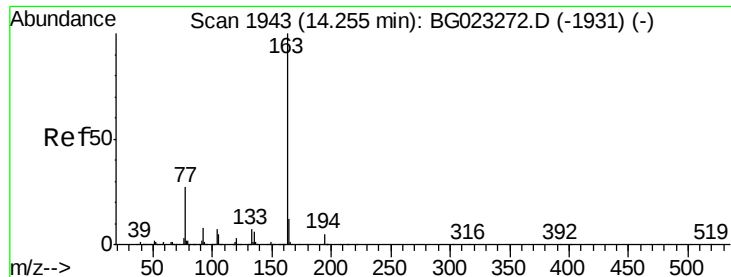


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 15.39 ng

RT: 14.23 min Scan# 1939

Delta R.T. -0.02 min

Lab File: BG023371.D

Acq: 31 Jul 2016 16:56

Instrument :

BNA_G

ClientSampleId :

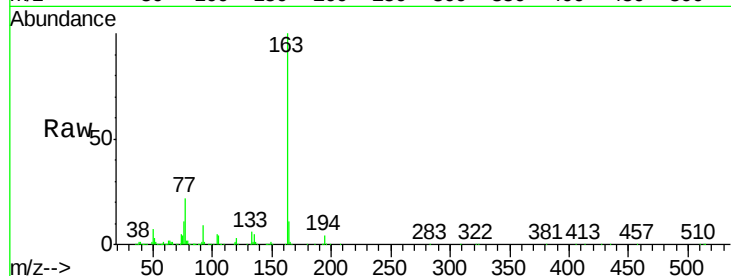
Tot Ion:163 Resp: 563380

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

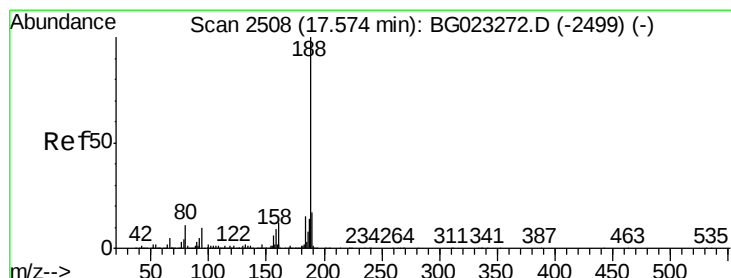
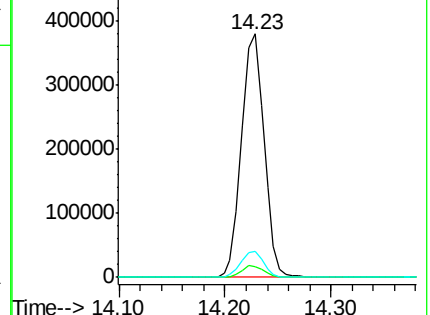
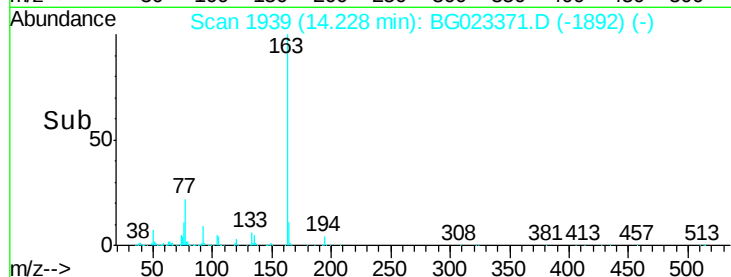
164 10.6 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.55 min Scan# 2504

Delta R.T. -0.02 min

Lab File: BG023371.D

Acq: 31 Jul 2016 16:56

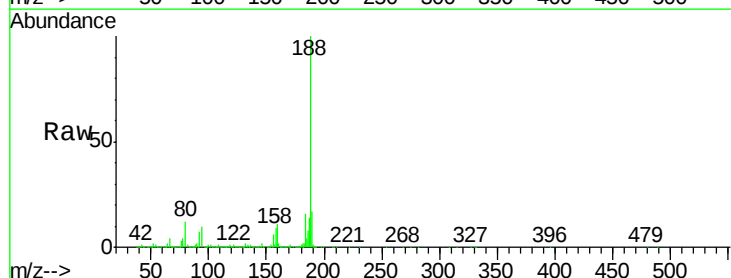
Tgt Ion:188 Resp: 1306810

Ion Ratio Lower Upper

188 100

94 10.2 5.2 7.8#

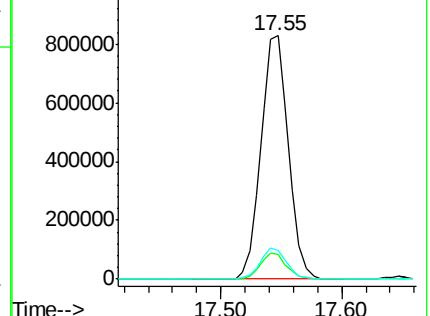
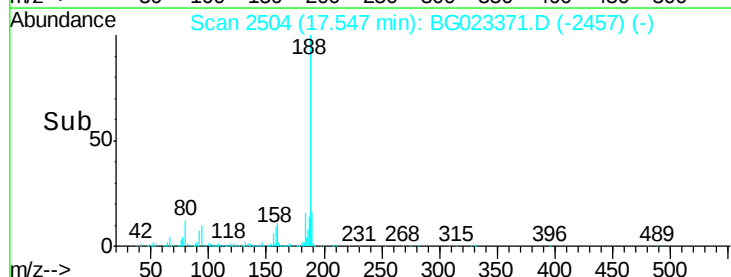
80 11.9 7.2 10.8#

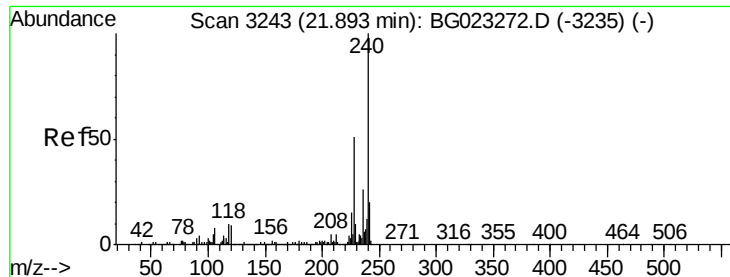


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

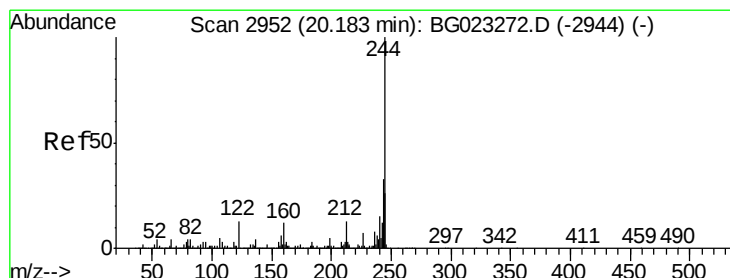
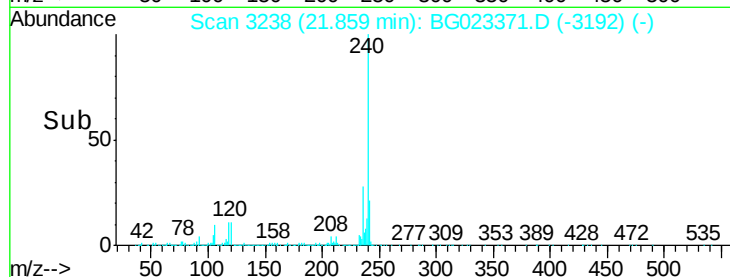
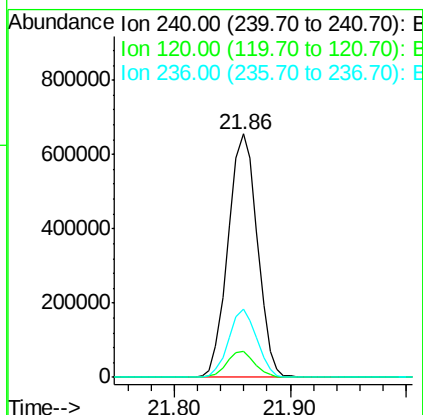
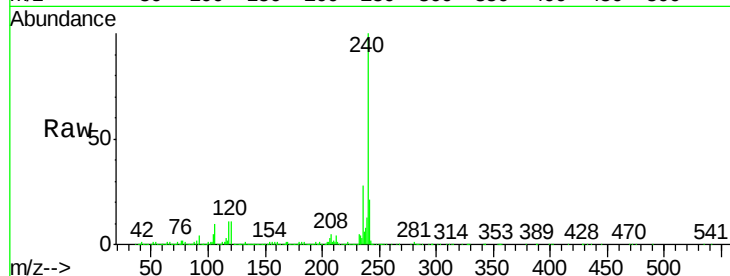




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.86 min Scan# 3238
 Delta R.T. -0.03 min
 Lab File: BG023371.D
 Acq: 31 Jul 2016 16:56

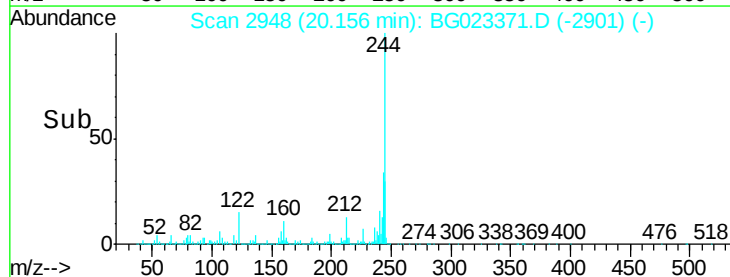
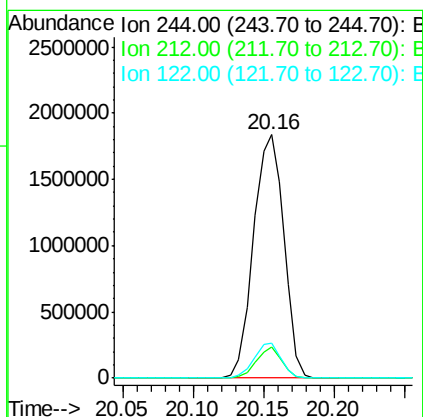
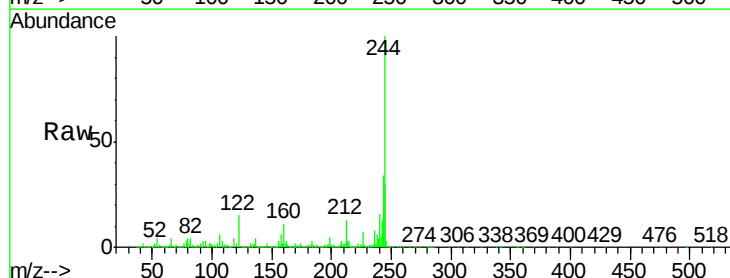
Instrument :
 BNA_G
 ClientSampled :

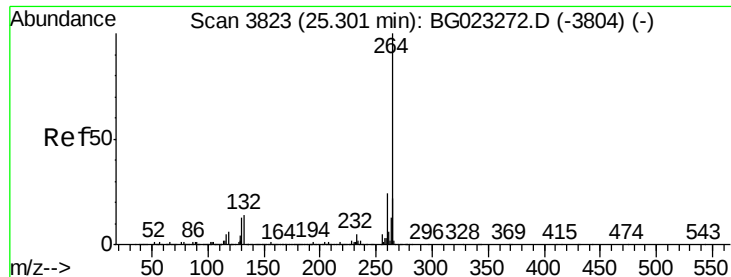
Tot Ion:240 Resp: 1149025
 Ion Ratio Lower Upper
 240 100
 120 10.7 4.1 6.1#
 236 27.9 21.1 31.7



#78
 Terphenyl-d14
 Concen: 78.47 ng
 RT: 20.16 min Scan# 2948
 Delta R.T. -0.02 min
 Lab File: BG023371.D
 Acq: 31 Jul 2016 16:56

Tgt Ion:244 Resp: 2773546
 Ion Ratio Lower Upper
 244 100
 212 12.9 10.8 16.2
 122 14.5 8.0 12.0#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.24 min Scan# 3814
Delta R.T. -0.06 min
Lab File: BG023371.D
Acq: 31 Jul 2016 16:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 1149963

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.4	27.6
265	22.1	18.9	28.3

