

Data Path : Z:\HPCHEM1\BNA G\DATA\BG073116\
 Data File : BG023372.D
 Acq On : 31 Jul 2016 17:36
 Operator : UM/SJ
 Sample : H4285-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 01 01:27:15 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

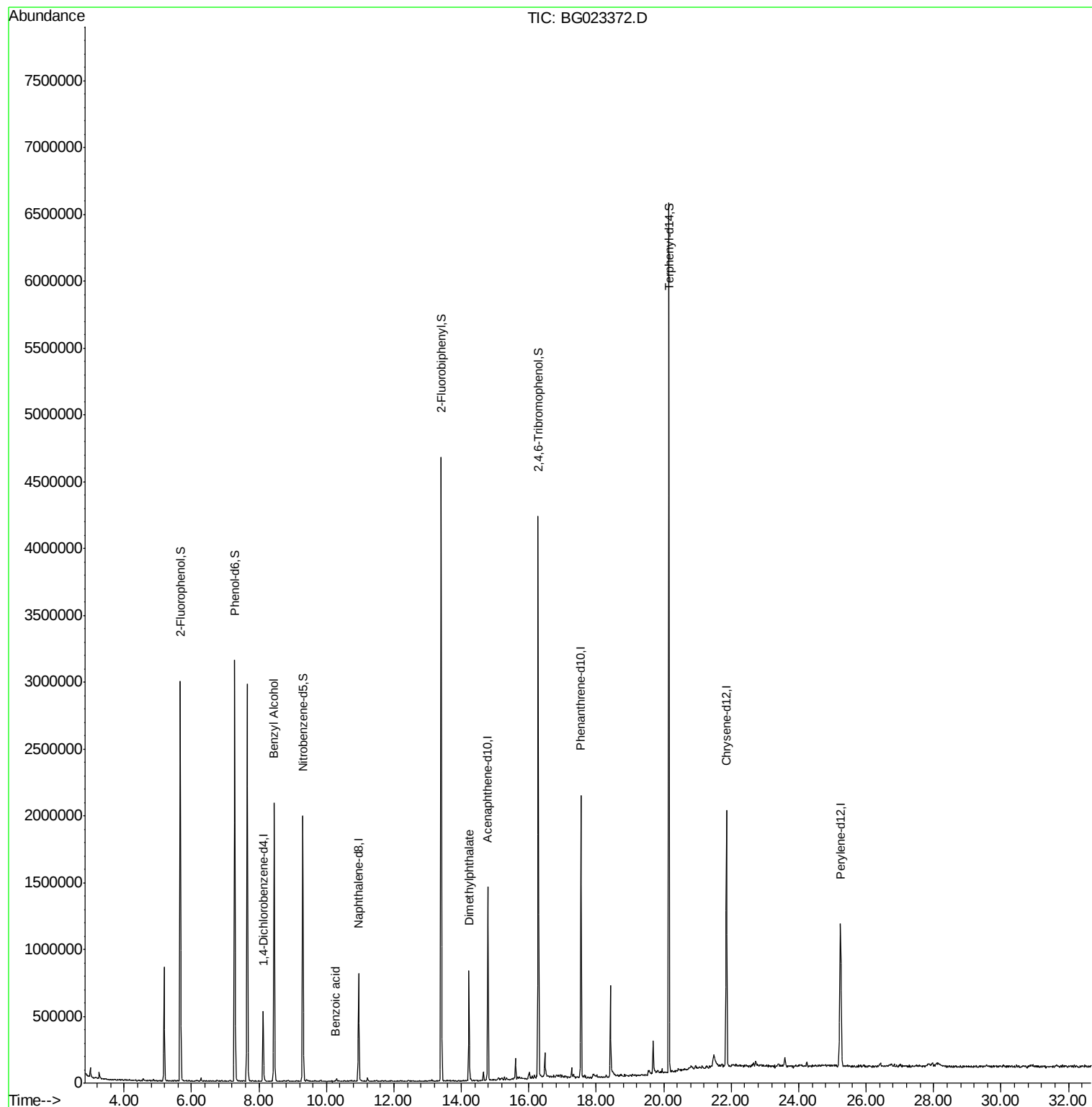
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	146641	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	674080	20.00	ng	-0.02
38) Acenaphthene-d10	14.79	164	483275	20.00	ng	-0.02
63) Phenanthrene-d10	17.54	188	1251485	20.00	ng	-0.03
75) Chrysene-d12	21.86	240	1109307	20.00	ng	-0.03
86) Perylene-d12	25.24	264	1130861	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	1305789	152.02	ng	0.00
7) Phenol-d6	7.28	99	1891603	143.44	ng	0.00
23) Nitrobenzene-d5	9.30	82	1264024	91.70	ng	0.00
41) 2,4,6-Tribromophenol	16.28	330	772366	154.41	ng	-0.03
44) 2-Fluorobiphenyl	13.40	172	2208124	85.52	ng	-0.02
78) Terphenyl-d14	20.15	244	2571425	75.35	ng	-0.03
Target Compounds						
15) Benzyl Alcohol	8.45	79	18743	2.11	ng	# 53
32) Benzoic acid	10.26	122	54	8.12	ng	# 1
49) Dimethylphthalate	14.23	163	543612	15.24	ng	98

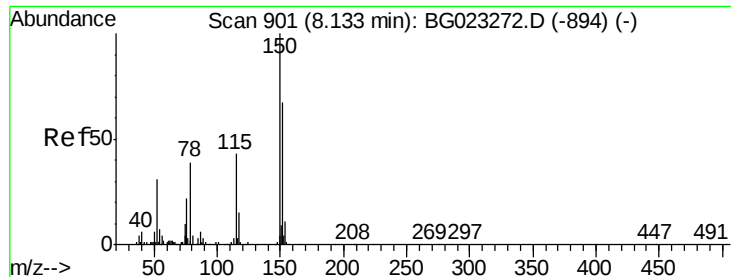
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 27 17:30:33 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.13 min Scan# 900

Delta R.T. -0.02 min

Lab File: BG023372.D

Acq: 31 Jul 2016 17:36

Instrument :

BNA_G

ClientSampleId :

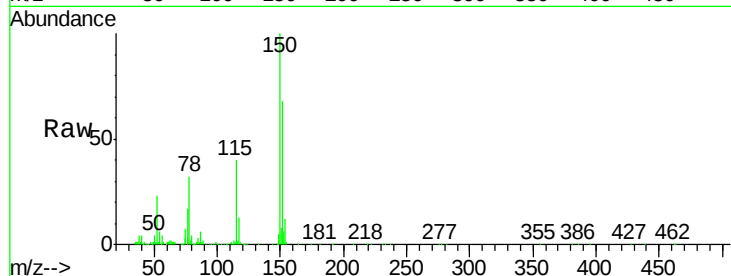
Tot Ion:152 Resp: 146641

Ion Ratio Lower Upper

152 100

150 147.9 144.7 217.1

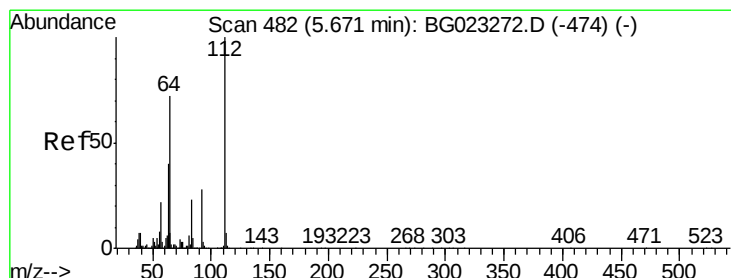
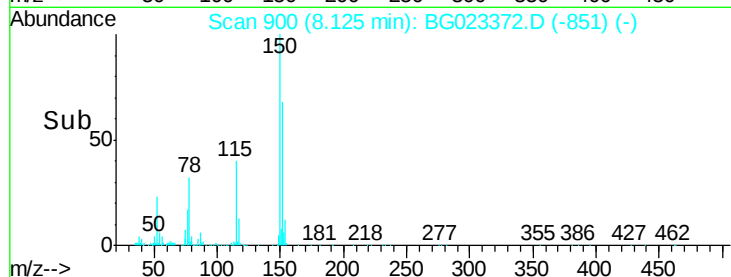
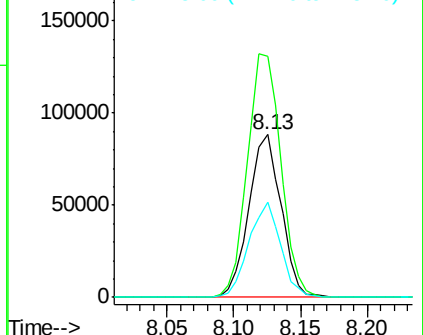
115 58.5 64.0 96.0#



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: 152.02 ng

RT: 5.66 min Scan# 481

Delta R.T. -0.01 min

Lab File: BG023372.D

Acq: 31 Jul 2016 17:36

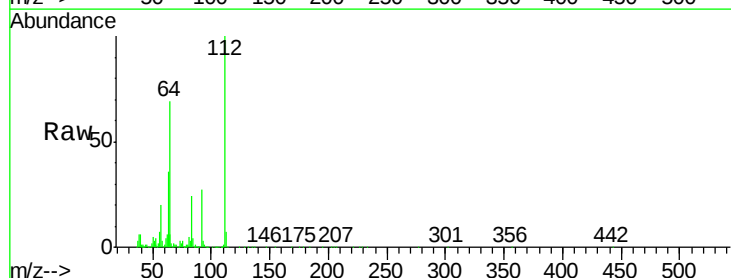
Tgt Ion:112 Resp: 1305789

Ion Ratio Lower Upper

112 100

64 68.8 59.0 88.4

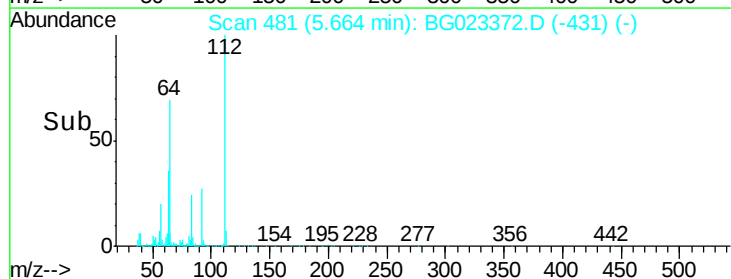
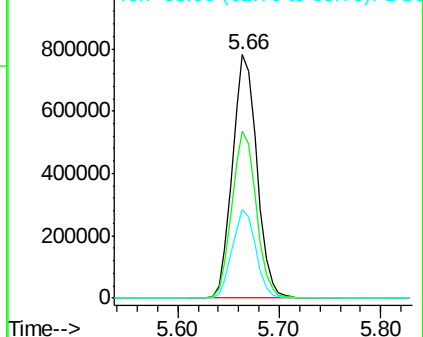
63 36.3 37.8 56.8#

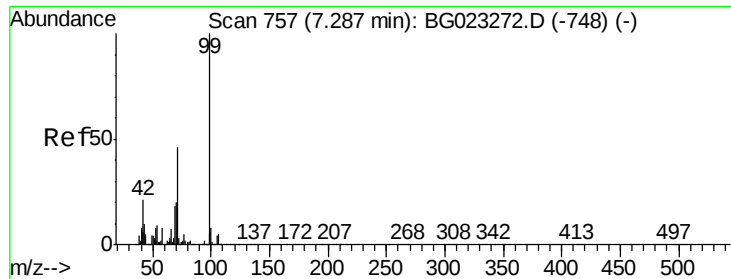


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 143.44 ng

RT: 7.28 min Scan# 756

Delta R.T. -0.01 min

Lab File: BG023372.D

Acq: 31 Jul 2016 17:36

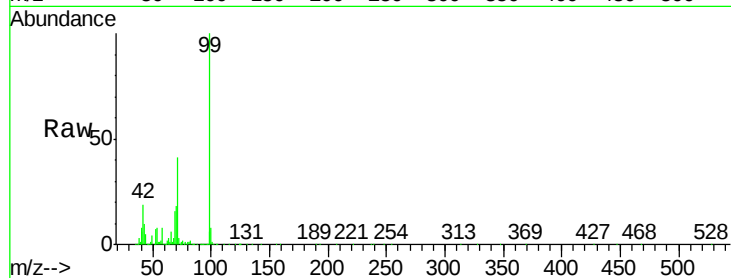
Instrument :

BNA_G

ClientSampled :

Tot Ion: 99 Resp: 1891603

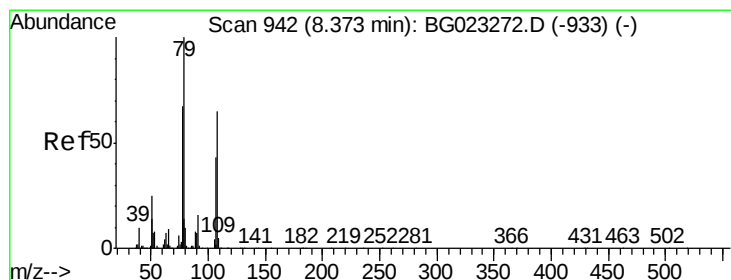
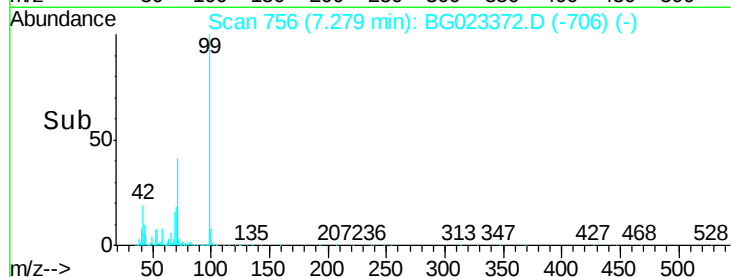
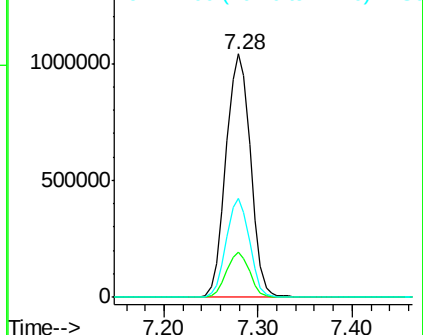
Ion	Ratio	Lower	Upper
99	100		
42	18.7	17.8	26.6
71	40.5	41.5	62.3#



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: 2.11 ng

RT: 8.45 min Scan# 956

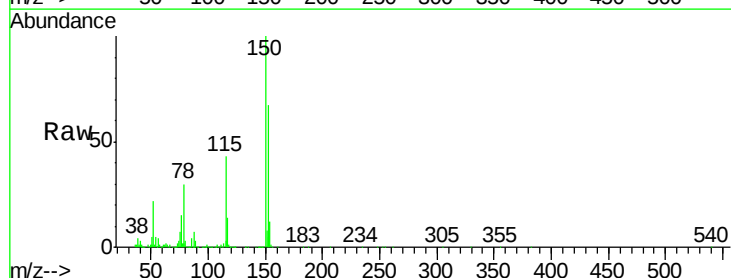
Delta R.T. 0.07 min

Lab File: BG023372.D

Acq: 31 Jul 2016 17:36

Tgt Ion: 79 Resp: 18743

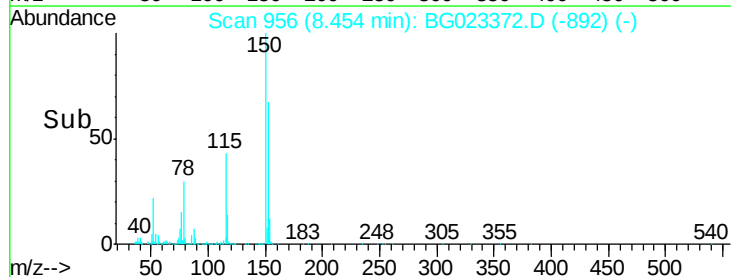
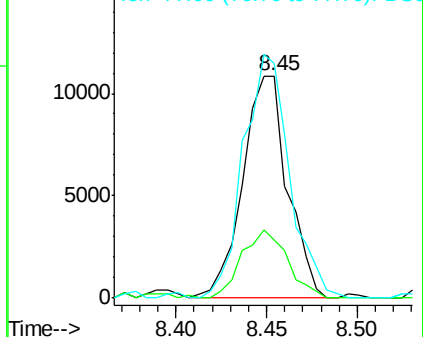
Ion	Ratio	Lower	Upper
79	100		
108	26.3	46.5	69.7#
77	105.6	52.3	78.5#

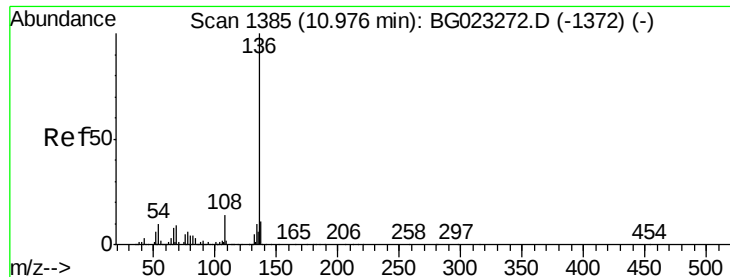


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

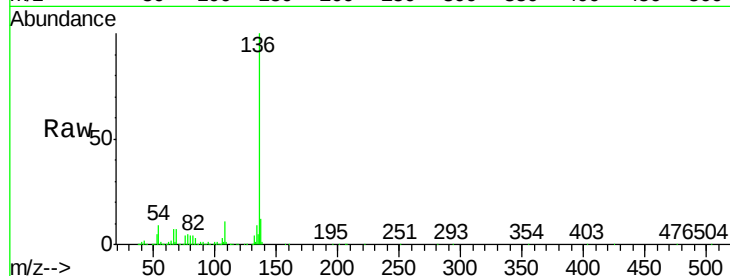




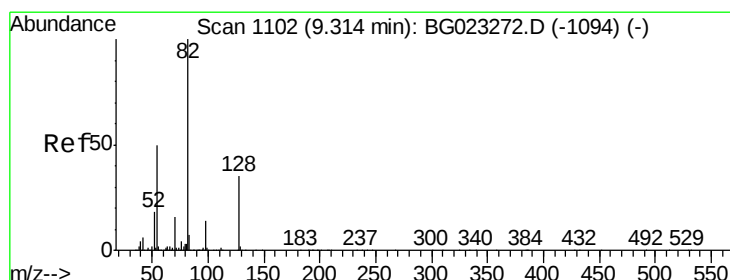
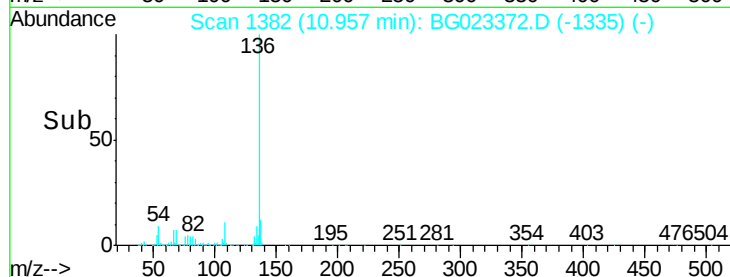
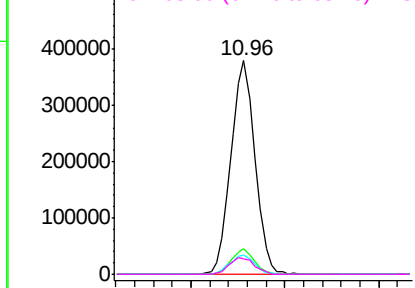
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.96 min Scan# 1382
Delta R.T. -0.02 min
Lab File: BG023372.D
Acq: 31 Jul 2016 17:36

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	674080	
Ion Ratio	Lower	Upper	
136 100			
137 11.8	9.6	14.4	
54 9.2	7.3	10.9	
68 7.1	5.3	7.9	

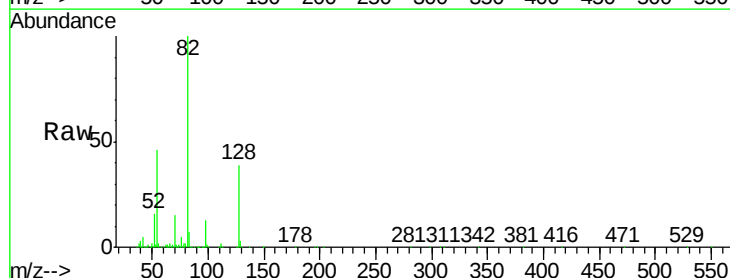


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

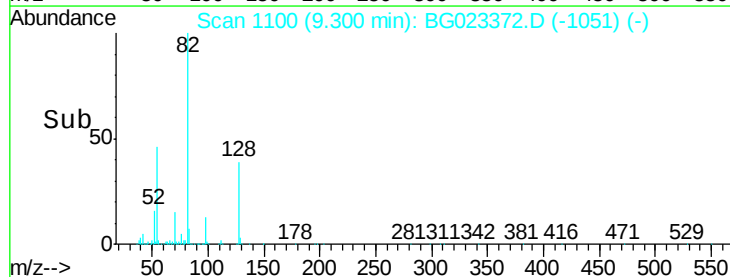
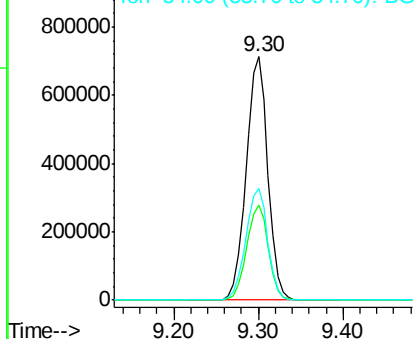


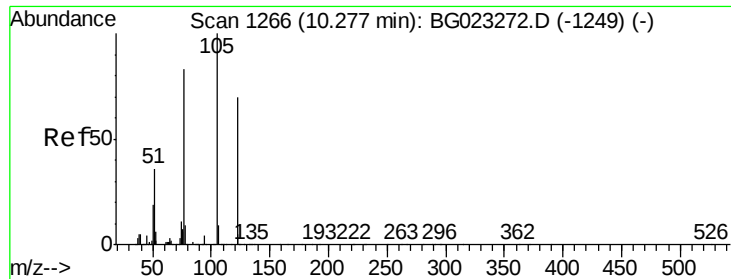
#23
Nitrobenzene-d5
Concen: 91.70 ng
RT: 9.30 min Scan# 1100
Delta R.T. -0.01 min
Lab File: BG023372.D
Acq: 31 Jul 2016 17:36

Tgt Ion: 82	Resp: 1264024
Ion Ratio	Lower Upper
82 100	
128 38.9	24.4 36.6#
54 46.1	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

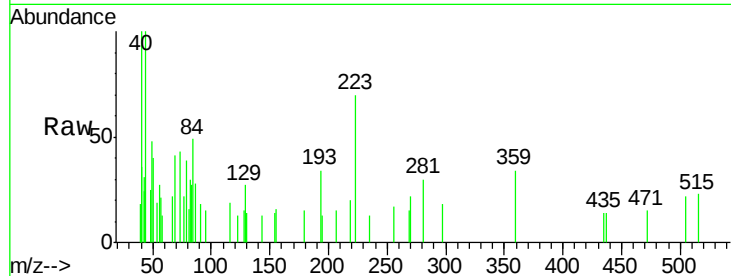




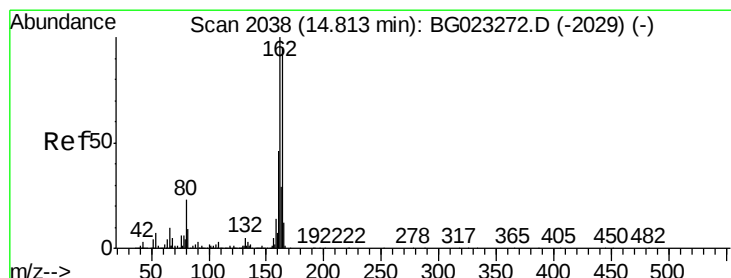
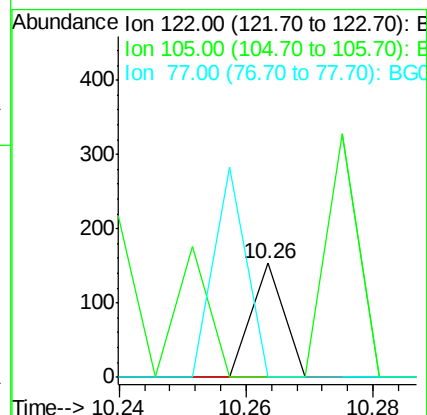
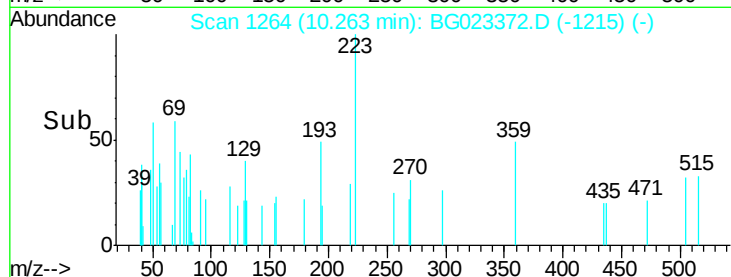
#32
Benzoic acid
Concen: 8.12 ng
RT: 10.26 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BG023372.D
Acq: 31 Jul 2016 17:36

Instrument :
BNA_G
ClientSampled :

Tot Ion:122 Resp: 54
Ion Ratio Lower Upper
122 100
105 0.0 117.2 157.2#
77 0.0 109.2 149.2#

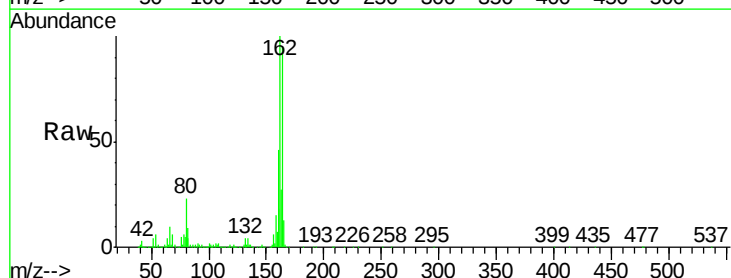


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): B

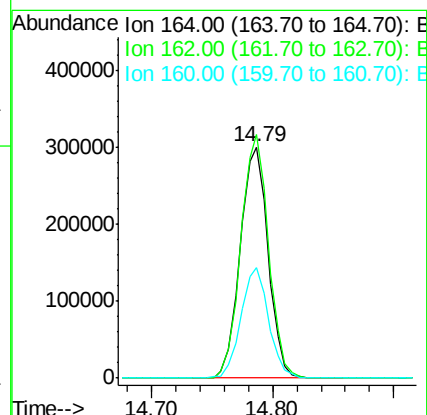
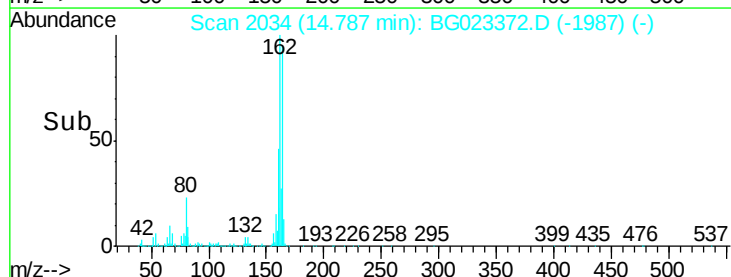


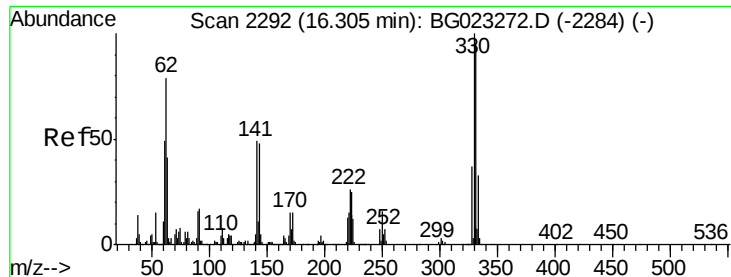
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.79 min Scan# 2034
Delta R.T. -0.02 min
Lab File: BG023372.D
Acq: 31 Jul 2016 17:36

Tgt Ion:164 Resp: 483275
Ion Ratio Lower Upper
164 100
162 105.4 87.7 131.5
160 48.0 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

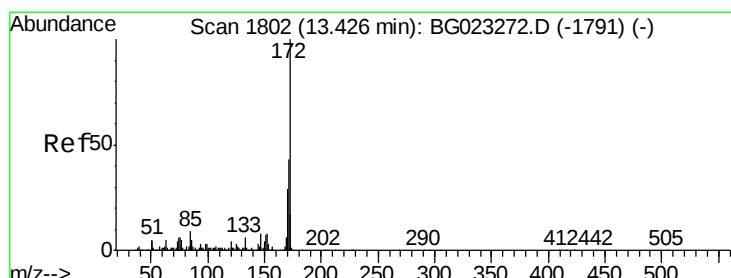
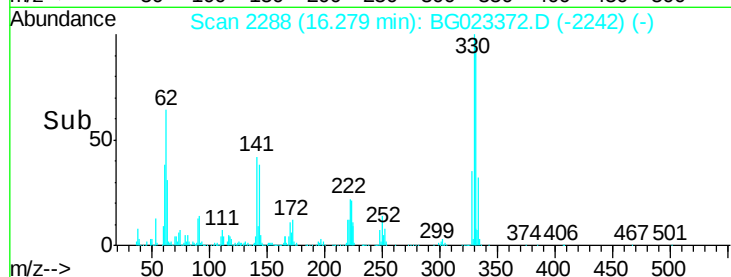
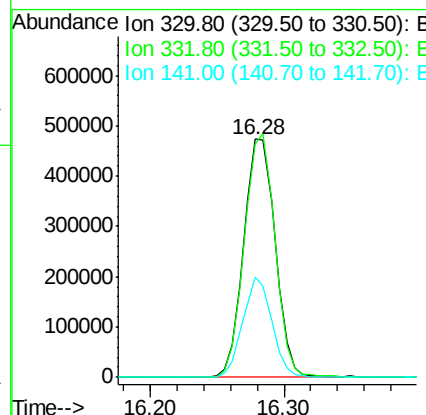
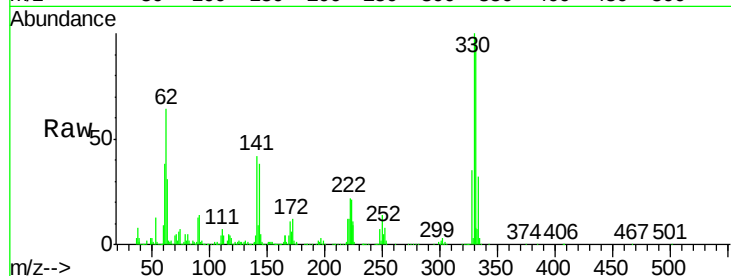




#41
 2,4,6-Tribromophenol
 Concen: 154.41 ng
 RT: 16.28 min Scan# 2288
 Delta R.T. -0.03 min
 Lab File: BG023372.D
 Acq: 31 Jul 2016 17:36

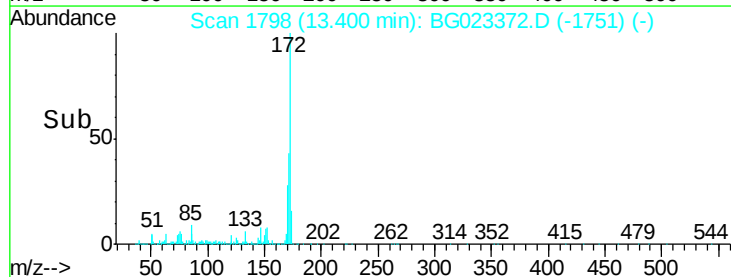
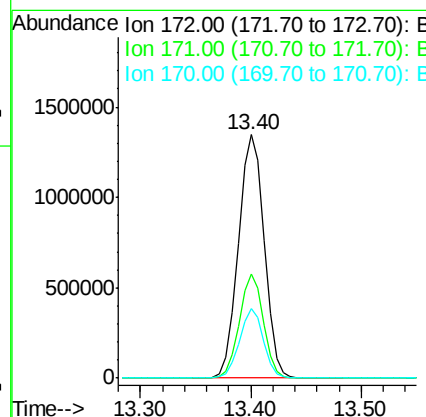
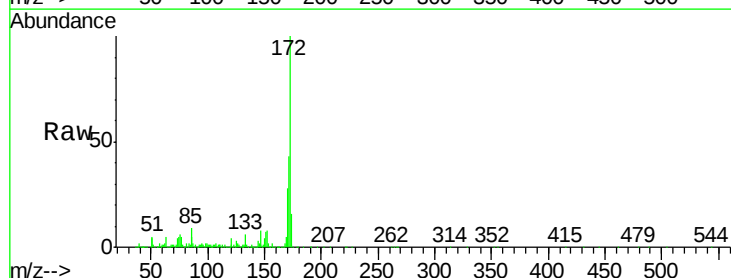
Instrument :
 BNA_G
 ClientSampleId :

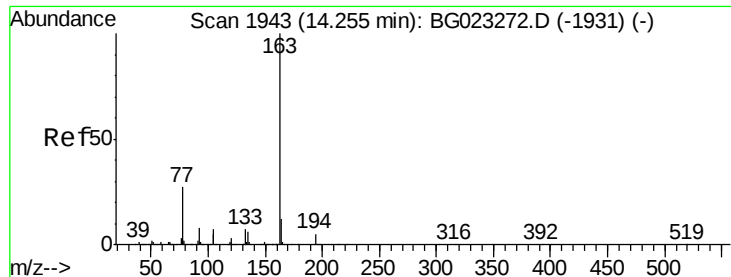
Tot Ion	Ratio	Lower	Upper
330	100		
332	99.4	77.4	116.2
141	39.0	31.7	47.5



#44
 2-Fluorobiphenyl
 Concen: 85.52 ng
 RT: 13.40 min Scan# 1798
 Delta R.T. -0.02 min
 Lab File: BG023372.D
 Acq: 31 Jul 2016 17:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	42.8	31.6	47.4
170	28.5	21.3	31.9





#49

Dimethylphthalate

Concen: 15.24 ng

RT: 14.23 min Scan# 1939

Delta R.T. -0.02 min

Lab File: BG023372.D

Acq: 31 Jul 2016 17:36

Instrument :

BNA_G

ClientSampleId :

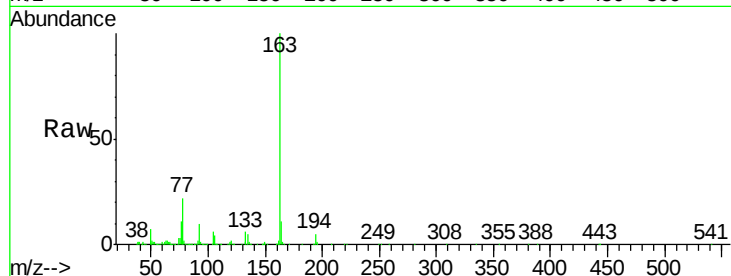
Tot Ion:163 Resp: 543612

Ion Ratio Lower Upper

163 100

194 4.6 3.6 5.4

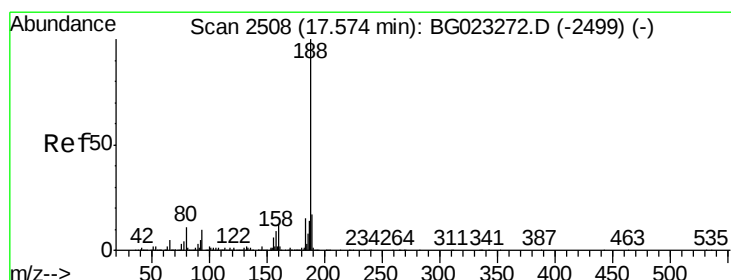
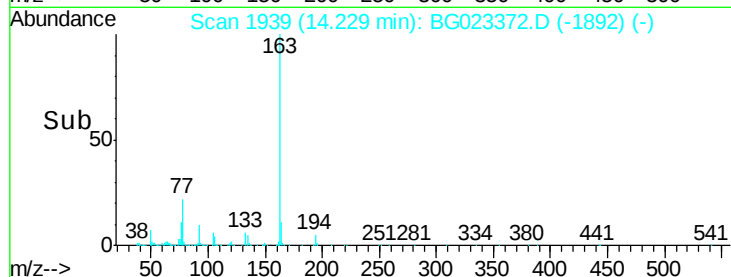
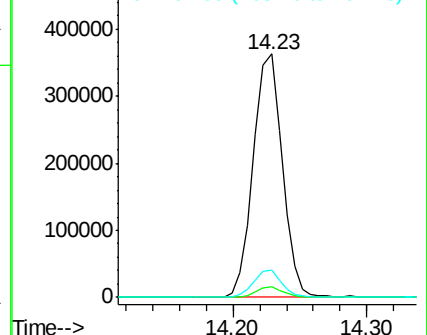
164 11.1 8.1 12.1



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: 17.54 min Scan# 2503

Delta R.T. -0.03 min

Lab File: BG023372.D

Acq: 31 Jul 2016 17:36

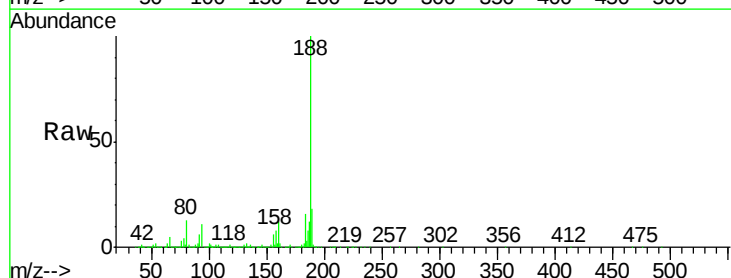
Tgt Ion:188 Resp: 1251485

Ion Ratio Lower Upper

188 100

94 10.9 5.2 7.8#

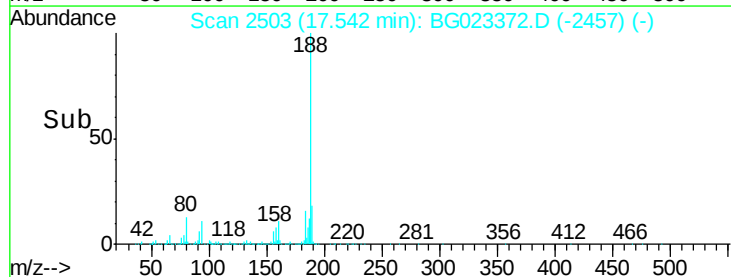
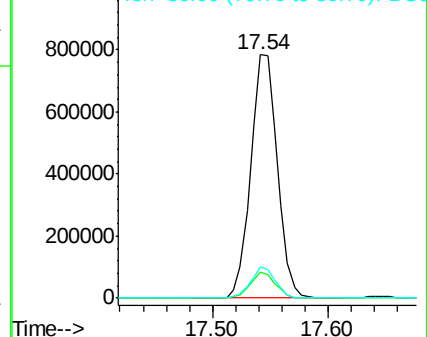
80 12.7 7.2 10.8#

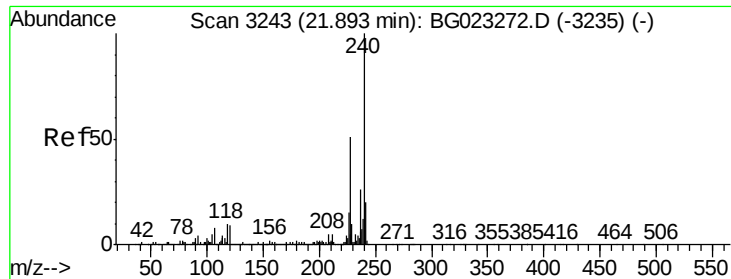


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

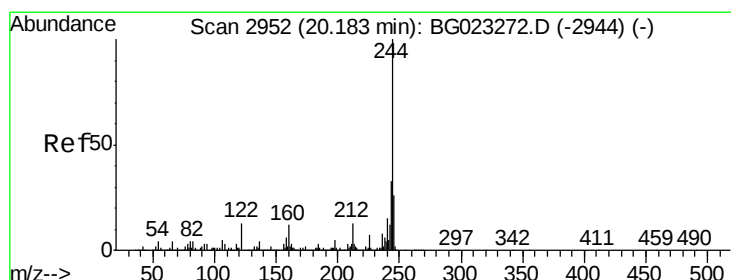
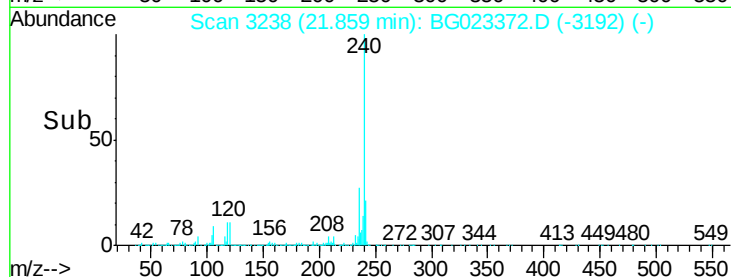
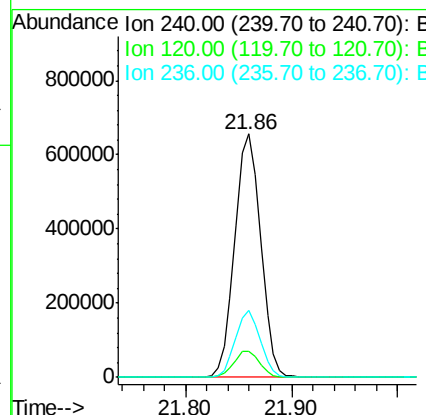
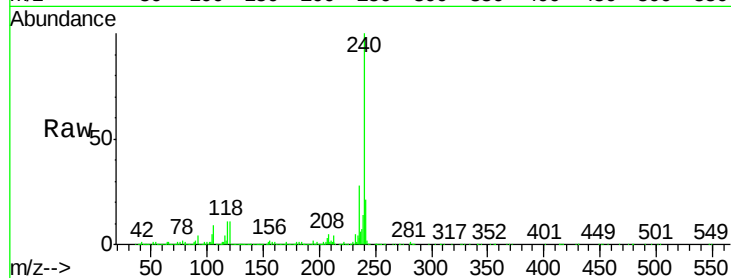




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.86 min Scan# 3238
 Delta R.T. -0.03 min
 Lab File: BG023372.D
 Acq: 31 Jul 2016 17:36

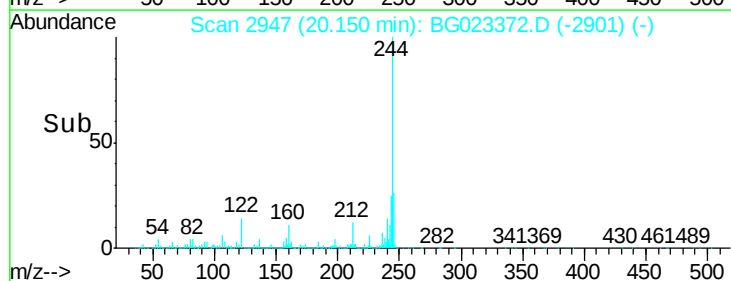
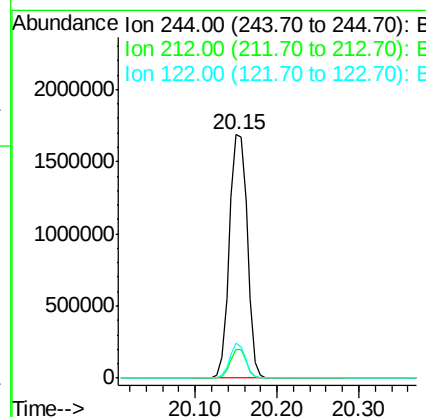
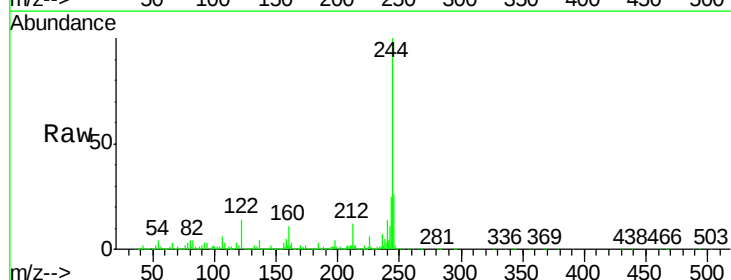
Instrument :
 BNA_G
 ClientSampleId :

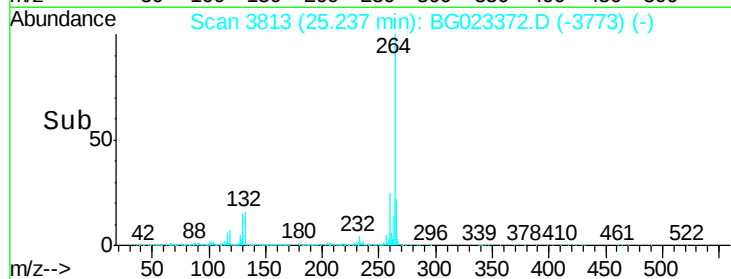
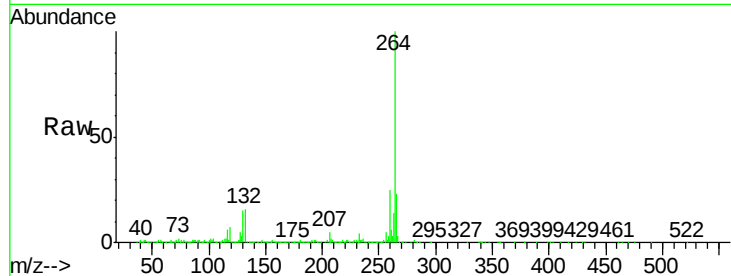
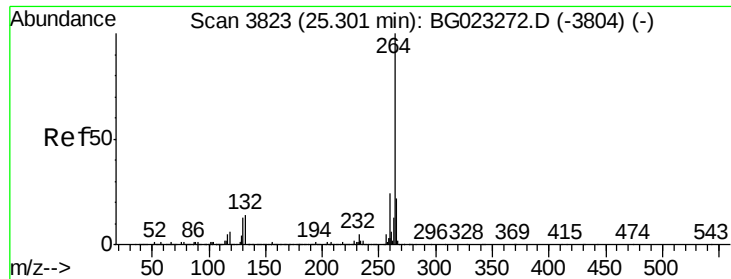
Tot Ion:240 Resp: 1109307
 Ion Ratio Lower Upper
 240 100
 120 10.8 4.1 6.1#
 236 27.5 21.1 31.7



#78
 Terphenyl-d14
 Concen: 75.35 ng
 RT: 20.15 min Scan# 2947
 Delta R.T. -0.03 min
 Lab File: BG023372.D
 Acq: 31 Jul 2016 17:36

Tgt Ion:244 Resp: 2571425
 Ion Ratio Lower Upper
 244 100
 212 11.6 10.8 16.2
 122 14.2 8.0 12.0#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.24 min Scan# 3813
 Delta R.T. -0.07 min
 Lab File: BG023372.D
 Acq: 31 Jul 2016 17:36

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 264 Resp: 1130861

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.4	27.6
265	22.5	18.9	28.3

