

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073116\
 Data File : BG023374.D
 Acq On : 31 Jul 2016 18:57
 Operator : UM/SJ
 Sample : H4285-17
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AB-SLOPE(0-4)S

Quant Time: Aug 01 02:33:21 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

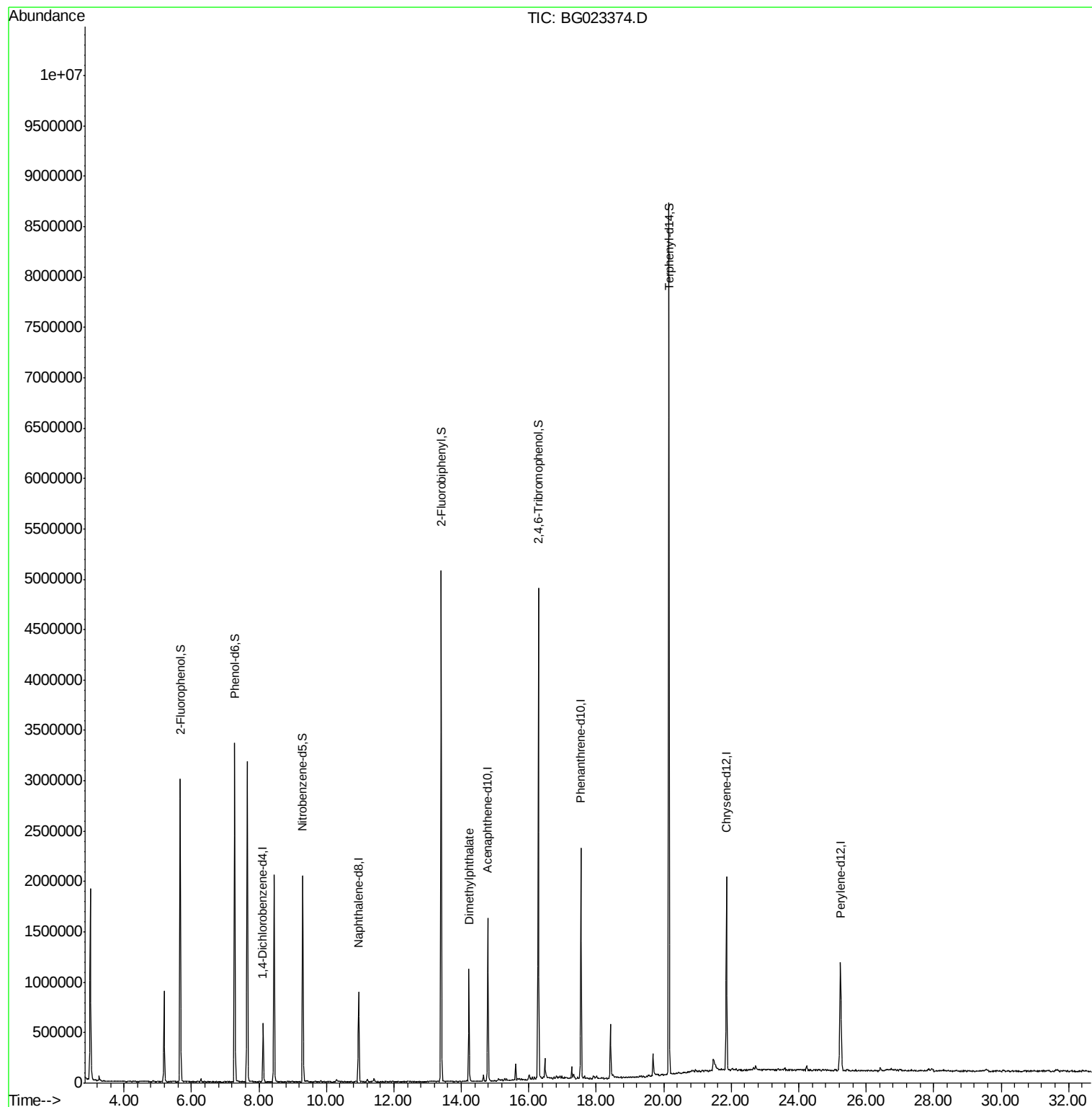
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	157543	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	748059	20.00	ng	-0.02
38) Acenaphthene-d10	14.78	164	543659	20.00	ng	-0.03
63) Phenanthrene-d10	17.54	188	1342942	20.00	ng	-0.03
75) Chrysene-d12	21.86	240	1164917	20.00	ng	-0.03
86) Perylene-d12	25.24	264	1169581	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	1333680	144.52	ng	0.00
7) Phenol-d6	7.28	99	2044881	144.33	ng	0.00
23) Nitrobenzene-d5	9.30	82	1339028	87.53	ng	0.00
41) 2,4,6-Tribromophenol	16.28	330	871161	154.82	ng	-0.03
44) 2-Fluorobiphenyl	13.40	172	2488851	85.68	ng	-0.02
78) Terphenyl-d14	20.15	244	3011866	84.05	ng	-0.03
Target Compounds						
49) Dimethylphthalate	14.23	163	729296	18.18	ng	Qvalue 98

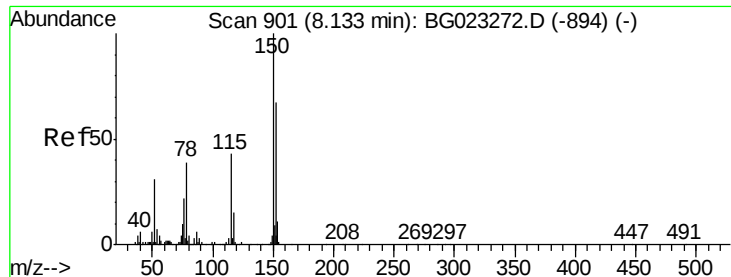
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG023374.D

Acq: 31 Jul 2016 18:57

Instrument :

BNA_G

ClientSampleId :

AB-SLOPE(0-4)S

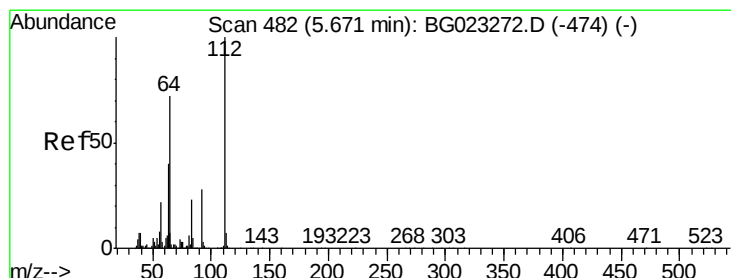
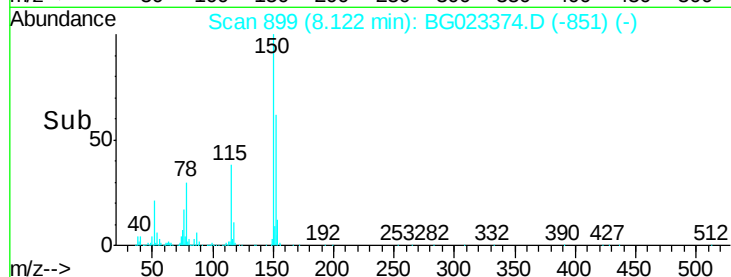
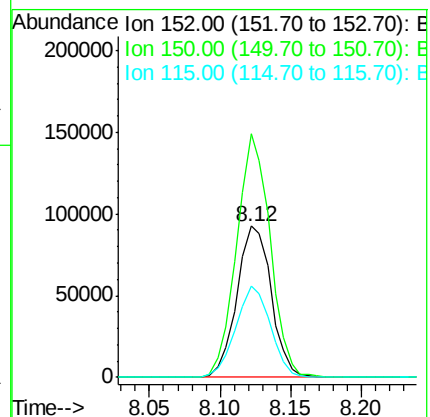
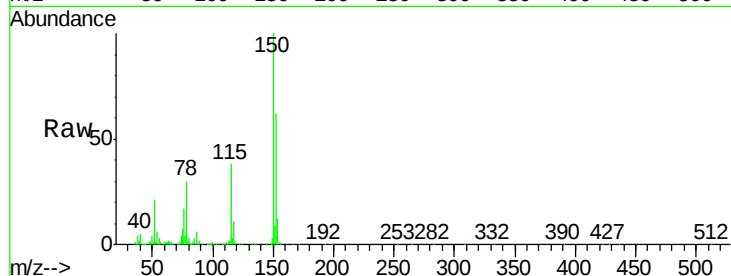
Tgt Ion:152 Resp: 157543

Ion Ratio Lower Upper

152 100

150 161.3 144.7 217.1

115 60.8 64.0 96.0#



#5

2-Fluorophenol

Concen: 144.52 ng

RT: 5.67 min Scan# 481

Delta R.T. -0.01 min

Lab File: BG023374.D

Acq: 31 Jul 2016 18:57

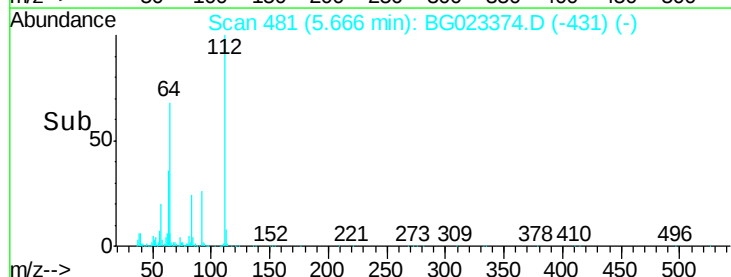
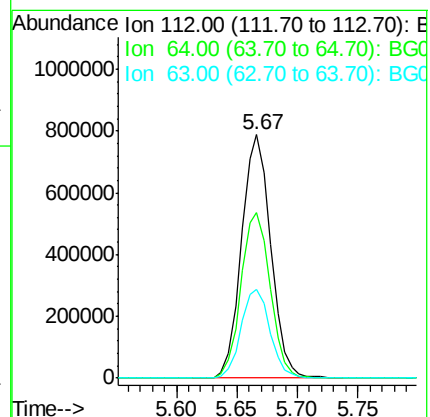
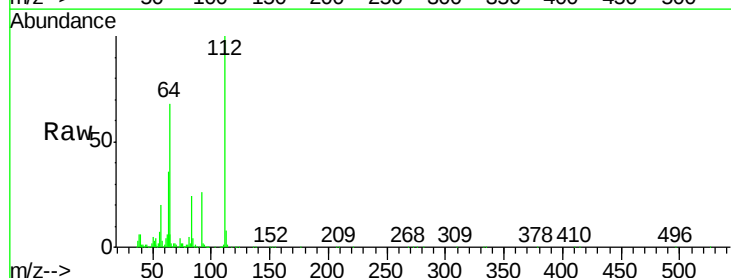
Tgt Ion:112 Resp: 1333680

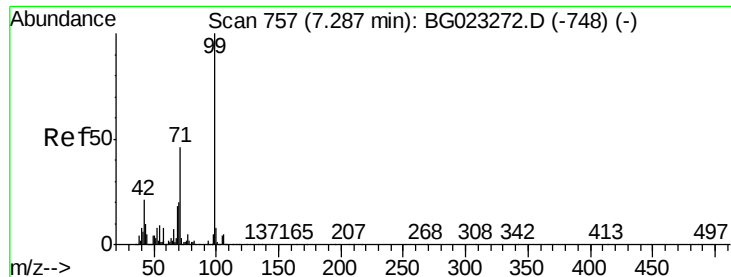
Ion Ratio Lower Upper

112 100

64 68.2 59.0 88.4

63 36.2 37.8 56.8#





#7

Phenol-d6

Concen: 144.33 ng

RT: 7.28 min Scan# 756

Delta R.T. -0.01 min

Lab File: BG023374.D

Acq: 31 Jul 2016 18:57

Instrument :

BNA_G

ClientSampleId :

AB-SLOPE(0-4)S

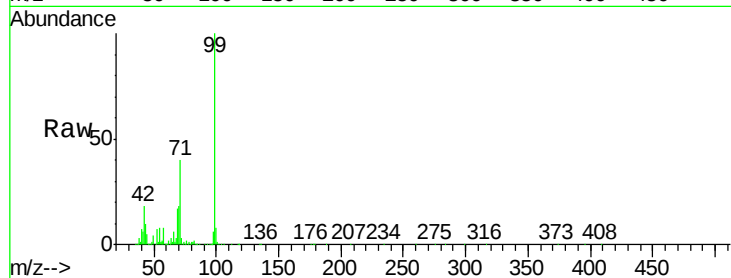
Tgt Ion: 99 Resp: 2044881

Ion Ratio Lower Upper

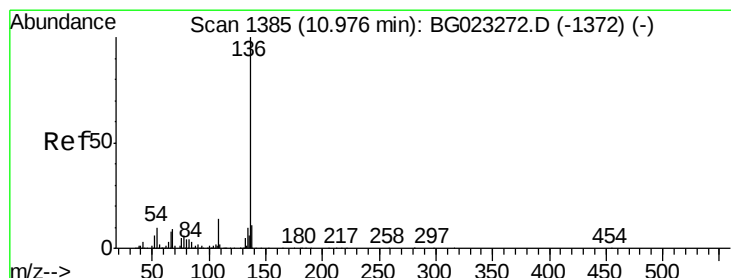
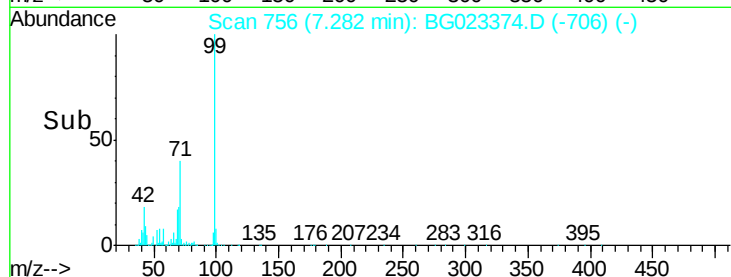
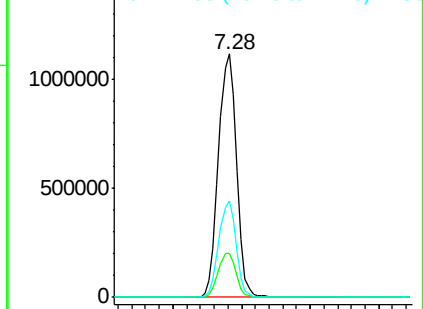
99 100

42 18.1 17.8 26.6

71 39.9 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.95 min Scan# 1381

Delta R.T. -0.02 min

Lab File: BG023374.D

Acq: 31 Jul 2016 18:57

Tgt Ion: 136 Resp: 748059

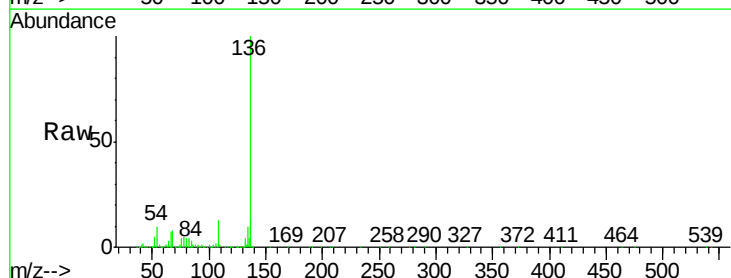
Ion Ratio Lower Upper

136 100

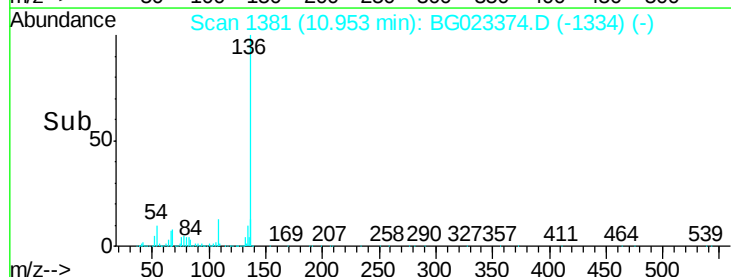
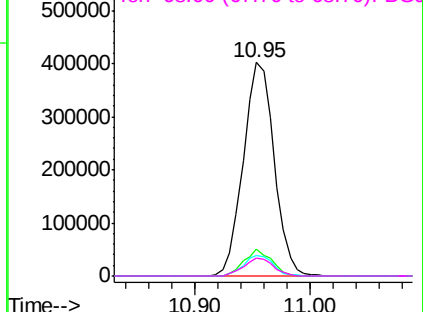
137 12.9 9.6 14.4

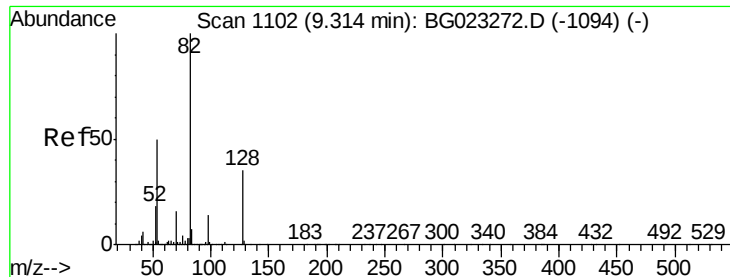
54 9.6 7.3 10.9

68 8.2 5.3 7.9#



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





#23

Nitrobenzene-d5

Concen: 87.53 ng

RT: 9.30 min Scan# 1100

Delta R.T. -0.01 min

Lab File: BG023374.D

Acq: 31 Jul 2016 18:57

Instrument :

BNA_G

ClientSampleId :

AB-SLOPE(0-4)S

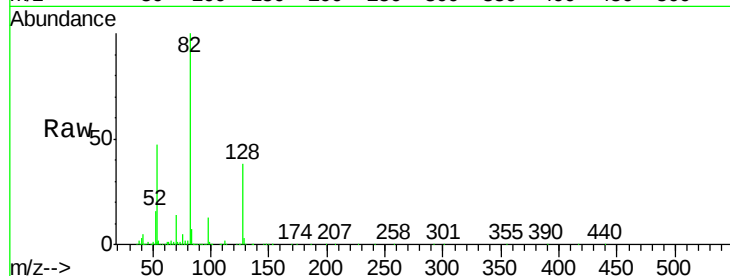
Tgt Ion: 82 Resp: 1339028

Ion Ratio Lower Upper

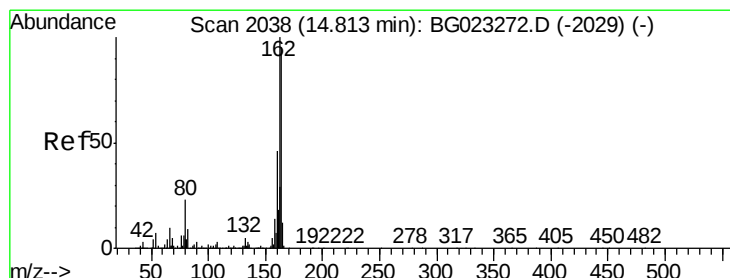
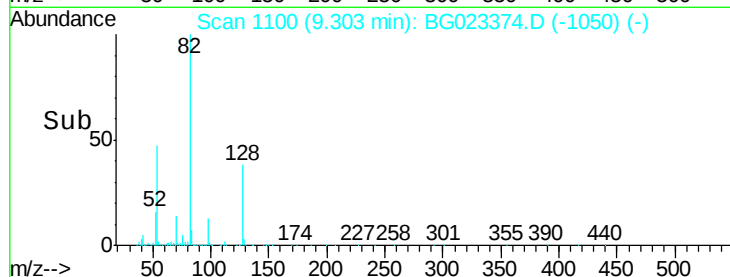
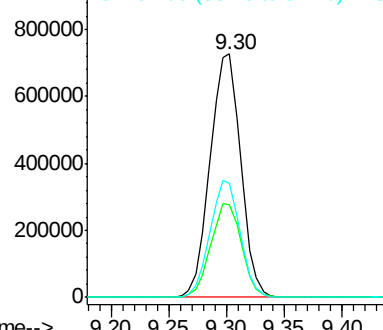
82 100

128 38.2 24.4 36.6#

54 46.9 41.4 62.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.78 min Scan# 2033

Delta R.T. -0.03 min

Lab File: BG023374.D

Acq: 31 Jul 2016 18:57

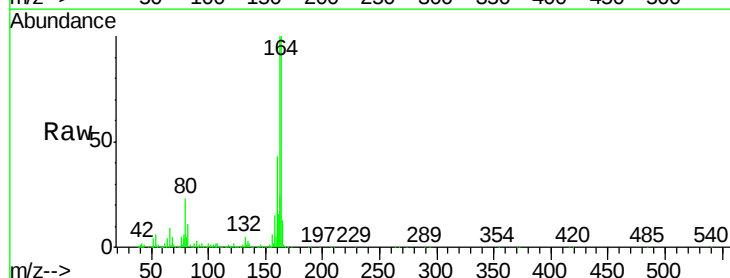
Tgt Ion: 164 Resp: 543659

Ion Ratio Lower Upper

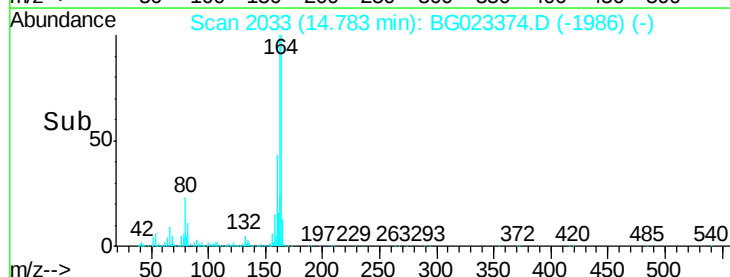
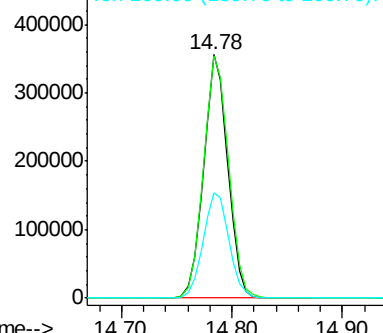
164 100

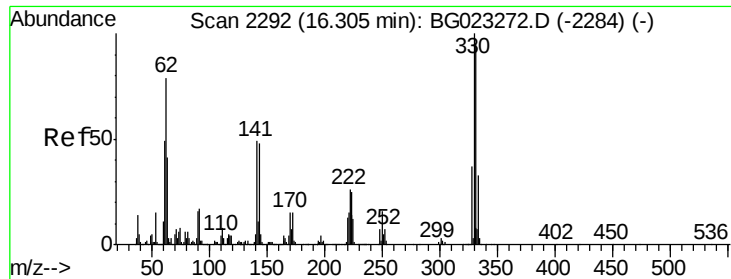
162 99.6 87.7 131.5

160 43.3 37.2 55.8



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

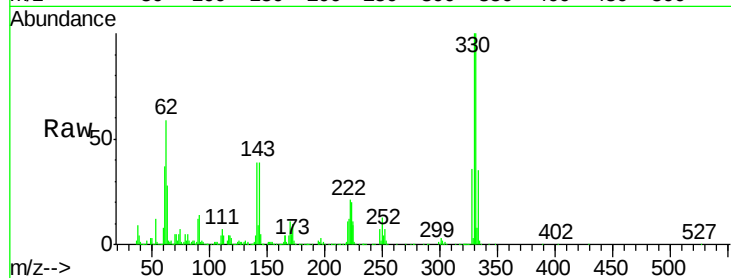




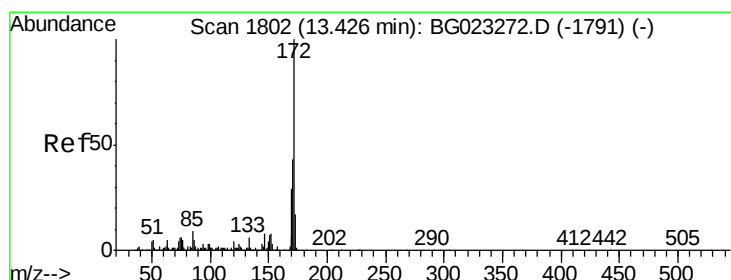
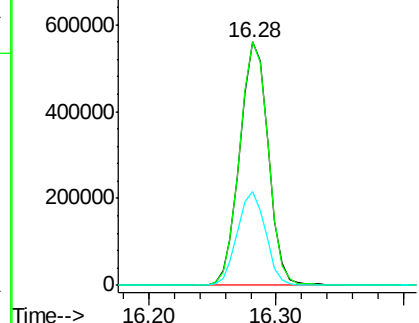
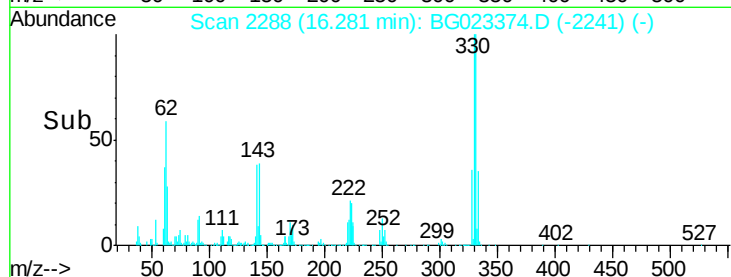
#41
 2,4,6-Tribromophenol
 Concen: 154.82 ng
 RT: 16.28 min Scan# 2288
 Delta R.T. -0.03 min
 Lab File: BG023374.D
 Acq: 31 Jul 2016 18:57

Instrument :
 BNA_G
 ClientSampleId :
 AB-SLOPE(0-4)S

Tgt Ion:330 Resp: 871161
 Ion Ratio Lower Upper
 330 100
 332 99.8 77.4 116.2
 141 38.3 31.7 47.5

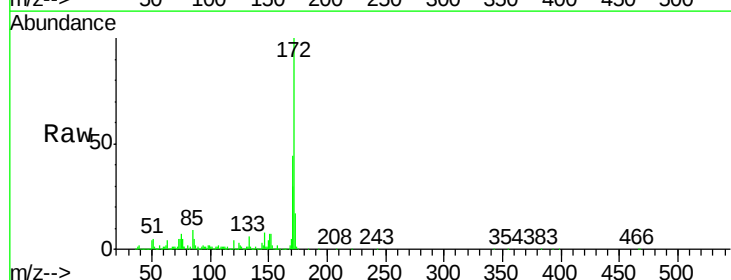


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

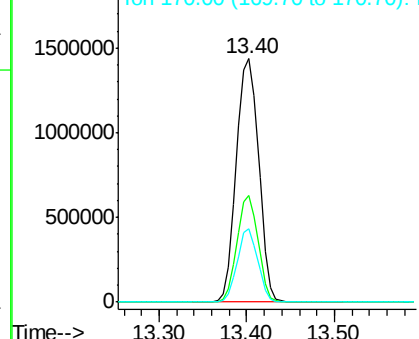
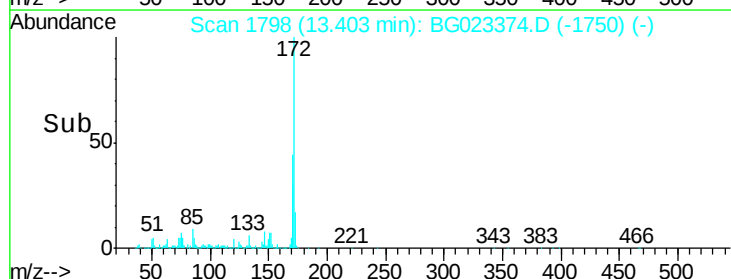


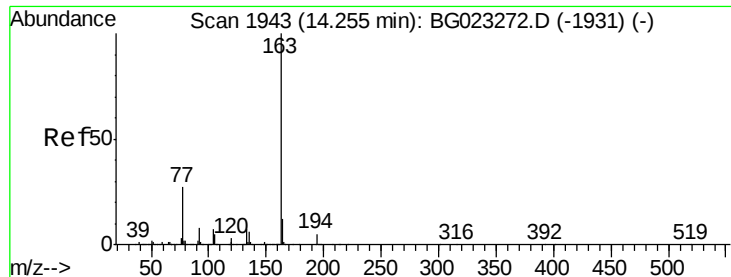
#44
 2-Fluorobiphenyl
 Concen: 85.68 ng
 RT: 13.40 min Scan# 1798
 Delta R.T. -0.02 min
 Lab File: BG023374.D
 Acq: 31 Jul 2016 18:57

Tgt Ion:172 Resp: 2488851
 Ion Ratio Lower Upper
 172 100
 171 43.8 31.6 47.4
 170 29.9 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





#49

Dimethylphthalate

Concen: 18.18 ng

RT: 14.23 min Scan# 1938

Delta R.T. -0.02 min

Lab File: BG023374.D

Acq: 31 Jul 2016 18:57

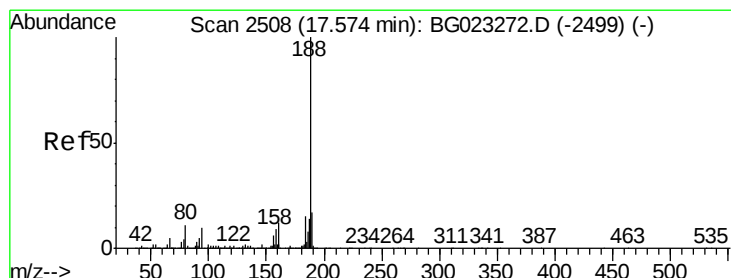
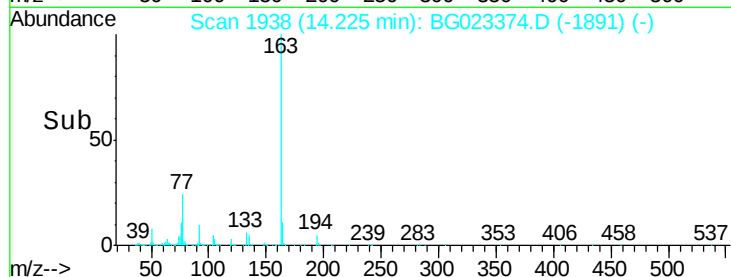
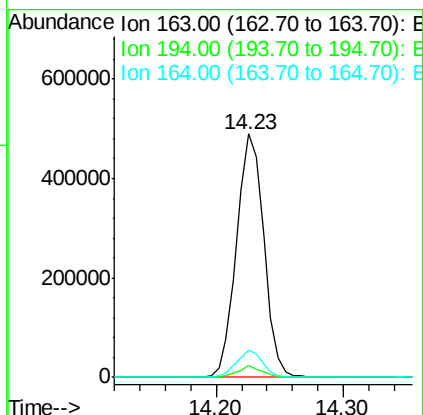
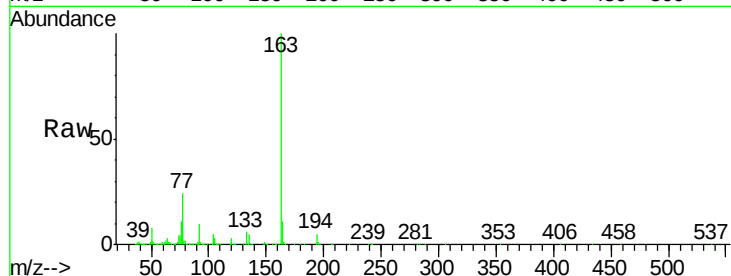
Instrument :

BNA_G

ClientSampleId :

AB-SLOPE(0-4)S

Tgt Ion:	163	Resp:	729296
Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.6	5.4
164	11.0	8.1	12.1



#63

Phenanthrene-d10

Concen: 20.00 ng

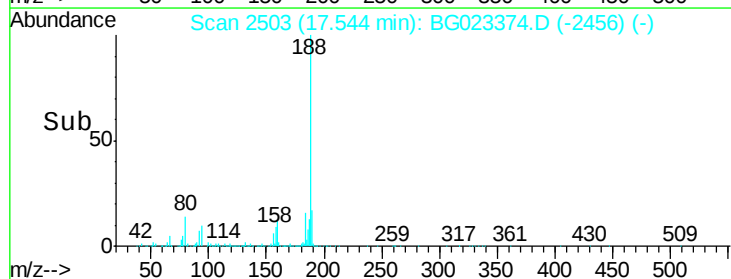
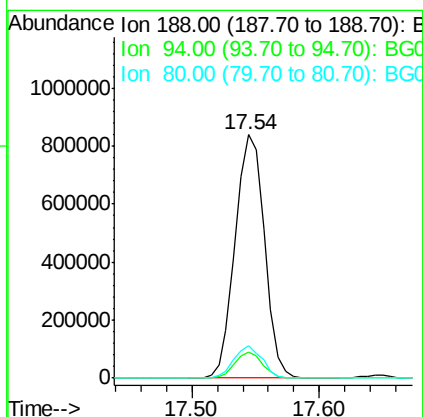
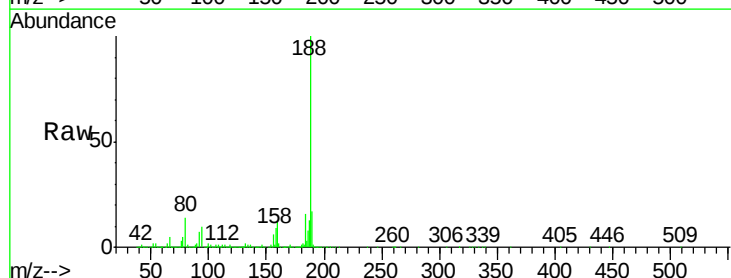
RT: 17.54 min Scan# 2503

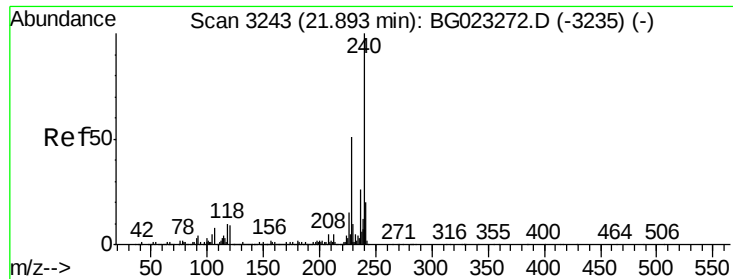
Delta R.T. -0.03 min

Lab File: BG023374.D

Acq: 31 Jul 2016 18:57

Tgt Ion:	188	Resp:	1342942
Ion	Ratio	Lower	Upper
188	100		
94	10.5	5.2	7.8#
80	13.6	7.2	10.8#

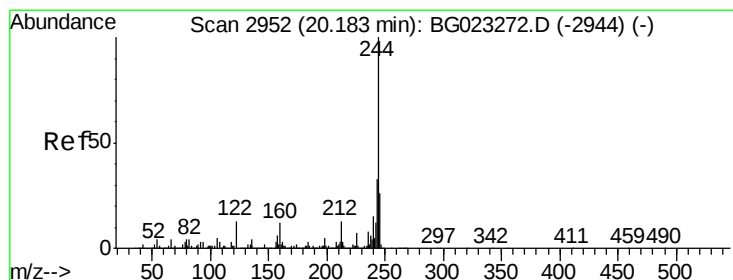
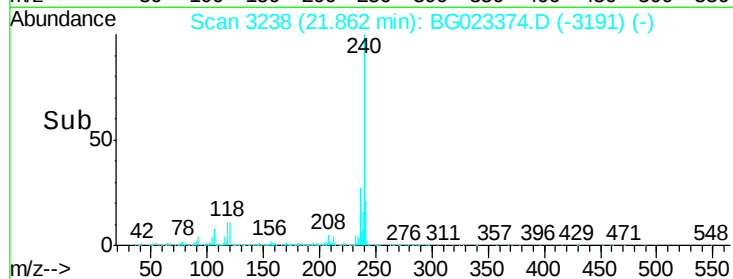
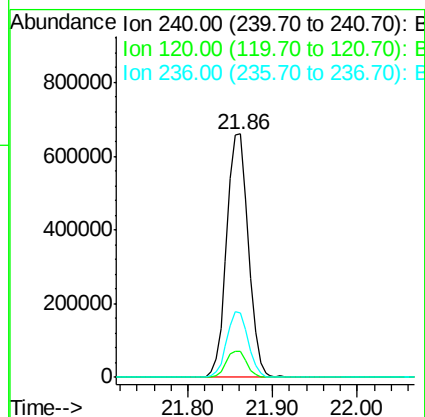
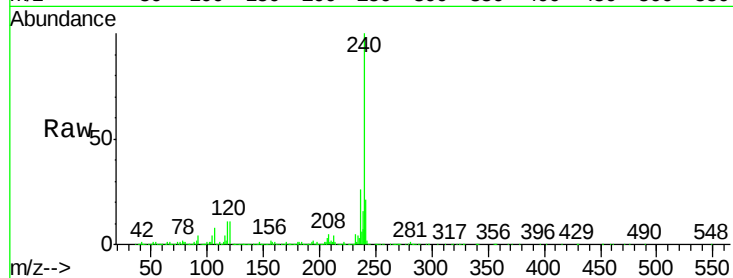




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.86 min Scan# 3238
 Delta R.T. -0.03 min
 Lab File: BG023374.D
 Acq: 31 Jul 2016 18:57

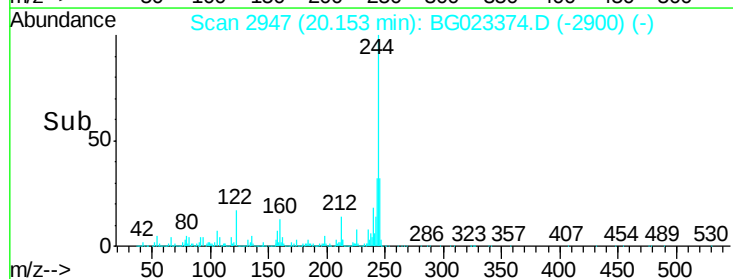
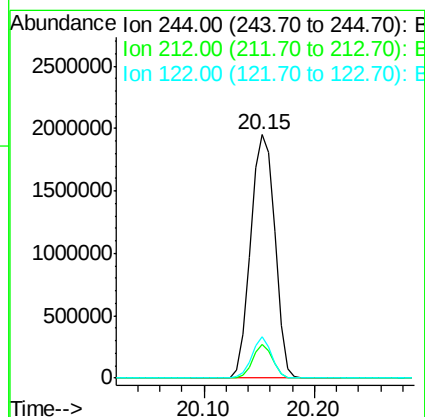
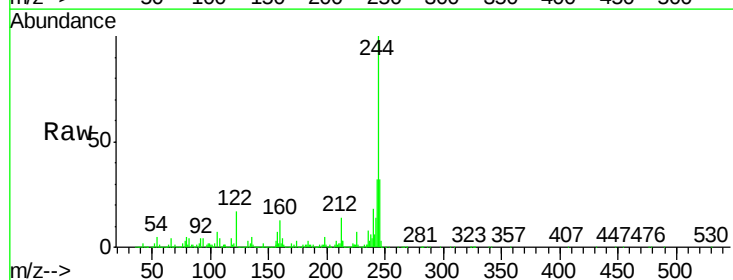
Instrument :
 BNA_G
 ClientSampleId :
 AB-SLOPE(0-4)S

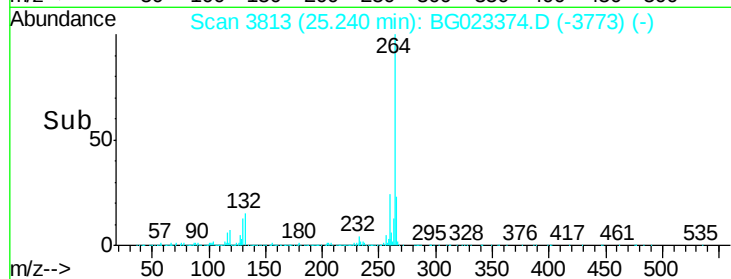
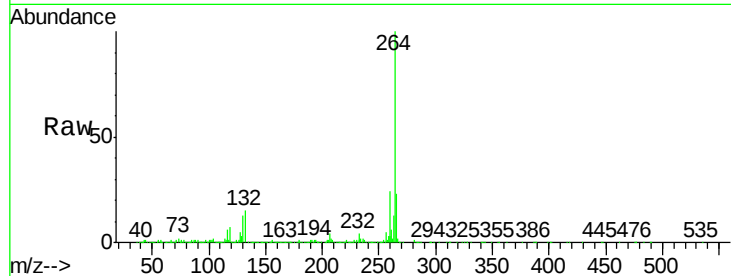
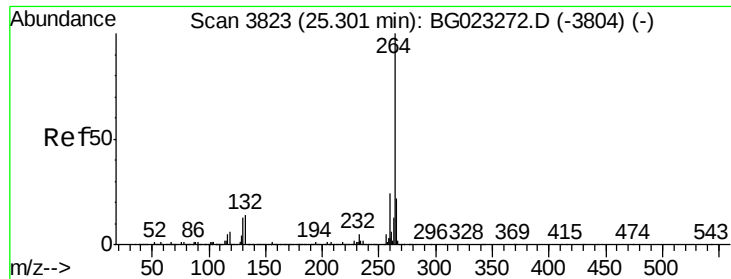
Tgt Ion:240 Resp: 1164917
 Ion Ratio Lower Upper
 240 100
 120 10.6 4.1 6.1#
 236 26.5 21.1 31.7



#78
 Terphenyl-d14
 Concen: 84.05 ng
 RT: 20.15 min Scan# 2947
 Delta R.T. -0.03 min
 Lab File: BG023374.D
 Acq: 31 Jul 2016 18:57

Tgt Ion:244 Resp: 3011866
 Ion Ratio Lower Upper
 244 100
 212 14.0 10.8 16.2
 122 16.9 8.0 12.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.24 min Scan# 3813
Delta R.T. -0.06 min
Lab File: BG023374.D
Acq: 31 Jul 2016 18:57

Instrument :
BNA_G
ClientSampleId :
AB-SLOPE(0-4)S

Tgt Ion: 264 Resp: 1169581

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.4	27.6
265	22.9	18.9	28.3

