

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 :
 AB-SLOPE(0-4)N

Quant Time: Aug 01 02:29:46 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

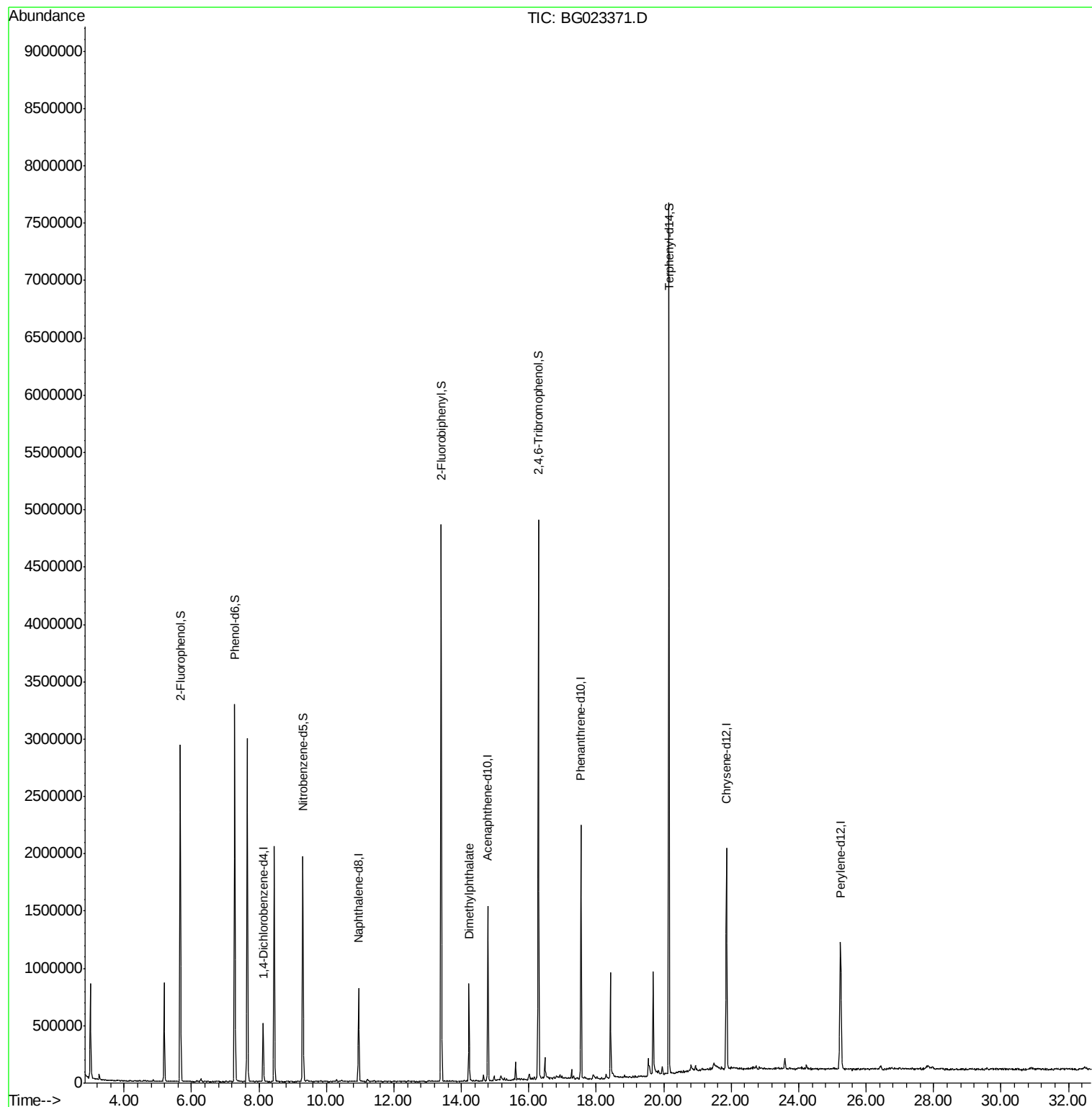
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	145419	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	677023	20.00	ng	-0.02
38) Acenaphthene-d10	14.79	164	496133	20.00	ng	-0.02
63) Phenanthrene-d10	17.55	188	1306810	20.00	ng	-0.02
75) Chrysene-d12	21.86	240	1149025	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						
49) Dimethylphthalate	14.23	163	563380	15.39	ng	Qvalue 99

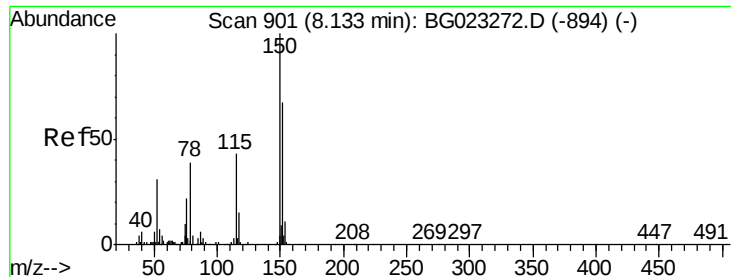
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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 :

AB-SLOPE(0-4)N

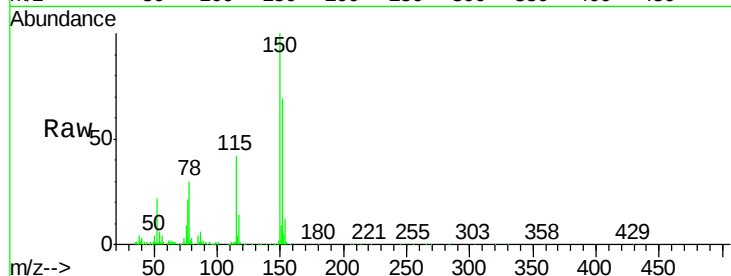
Tgt Ion:152 Resp: 145419

Ion Ratio Lower Upper

152 100

150 145.1 144.7 217.1

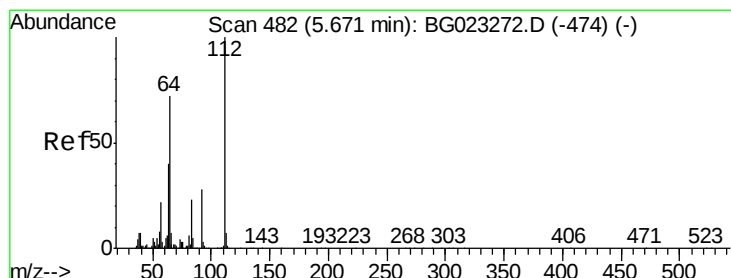
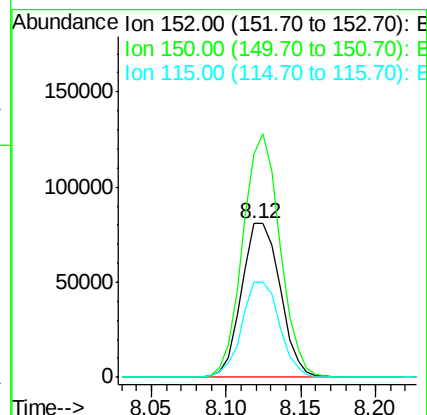
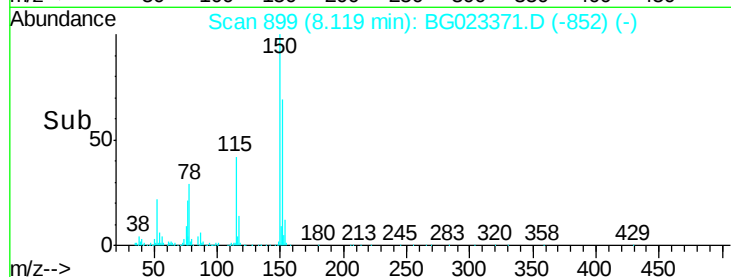
115 61.4 64.0 96.0#



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

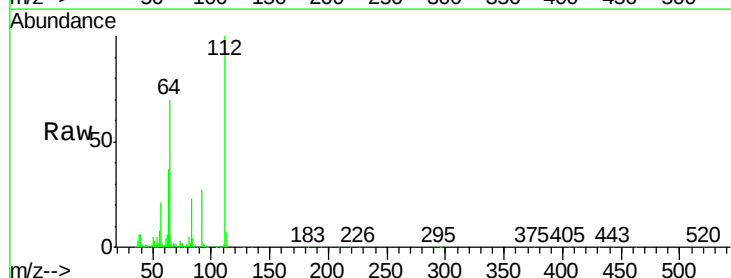
Tgt Ion:112 Resp: 1299049

Ion Ratio Lower Upper

112 100

64 70.4 59.0 88.4

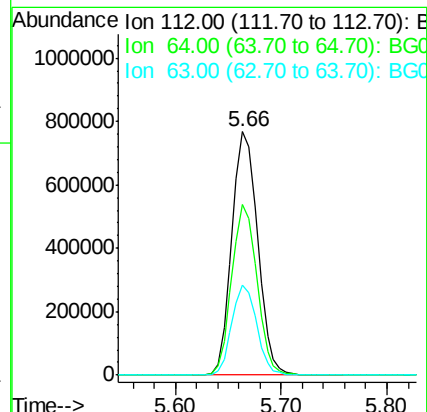
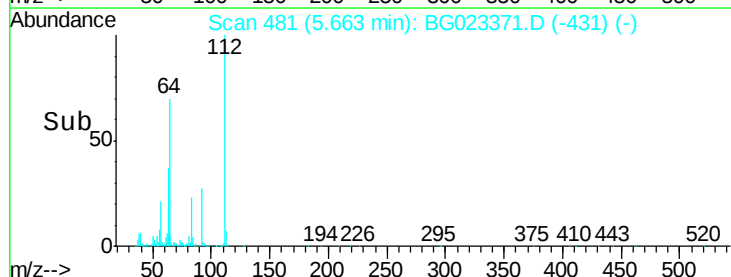
63 37.1 37.8 56.8#

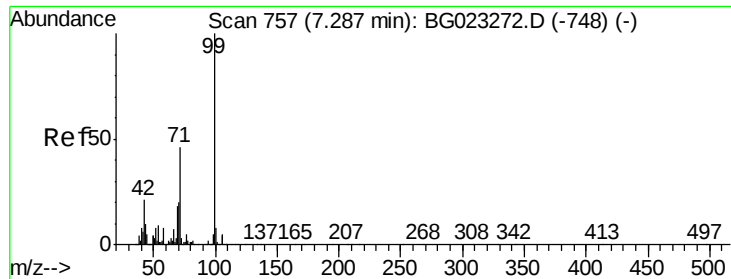


Abundance Ion 112.00 (111.70 to 112.70): E

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 :

AB-SLOPE(0-4)N

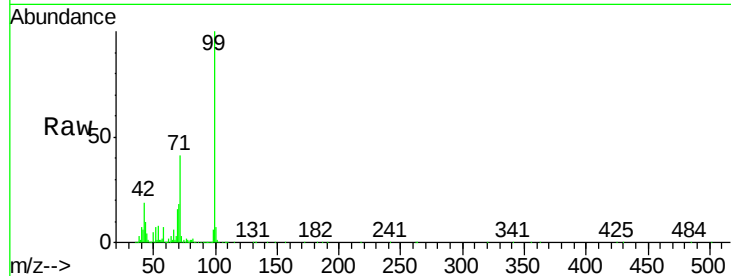
Tgt Ion: 99 Resp: 1979129

Ion Ratio Lower Upper

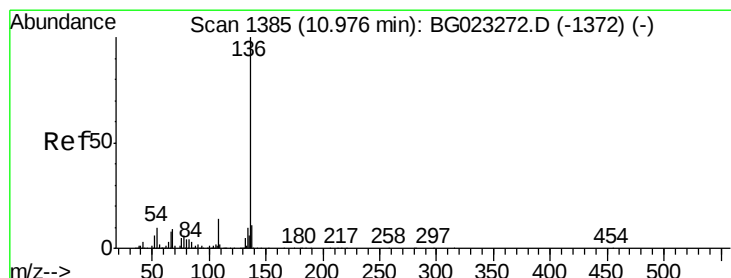
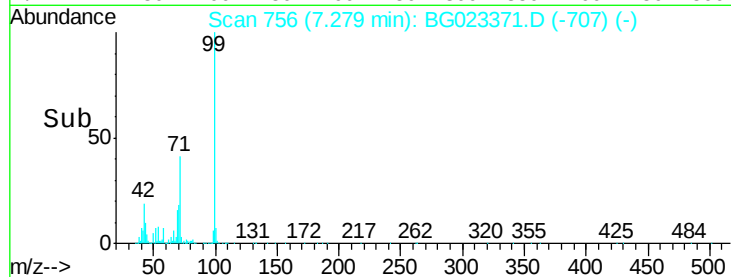
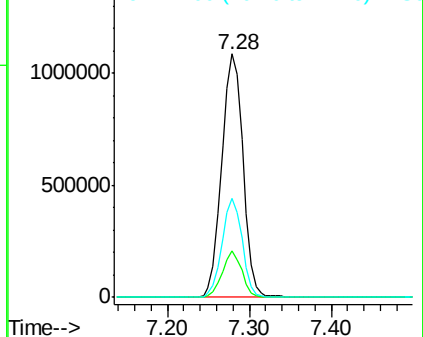
99 100

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



#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

Tgt Ion: 136 Resp: 677023

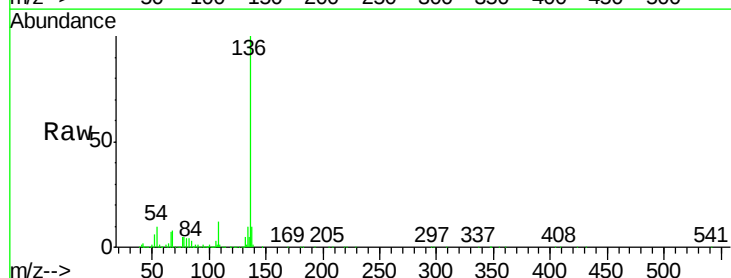
Ion Ratio Lower Upper

136 100

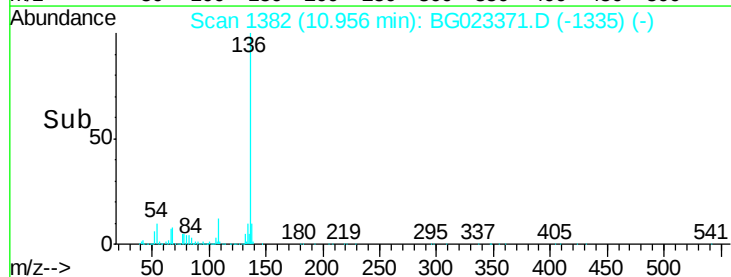
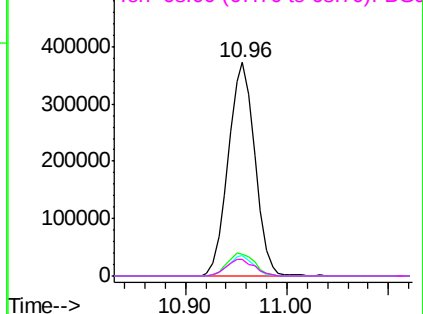
137 10.4 9.6 14.4

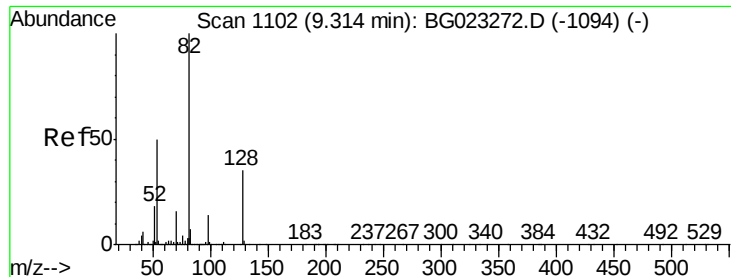
54 9.7 7.3 10.9

68 8.1 5.3 7.9#



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

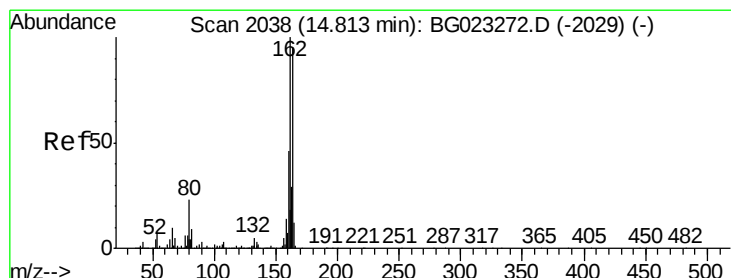
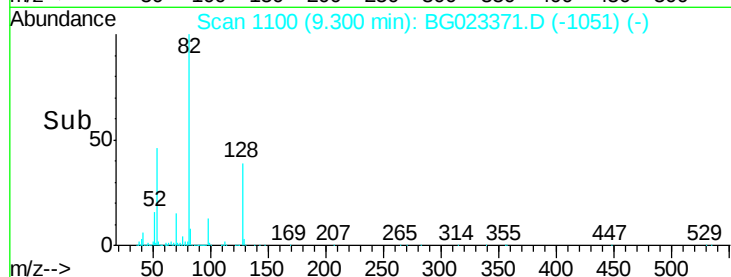
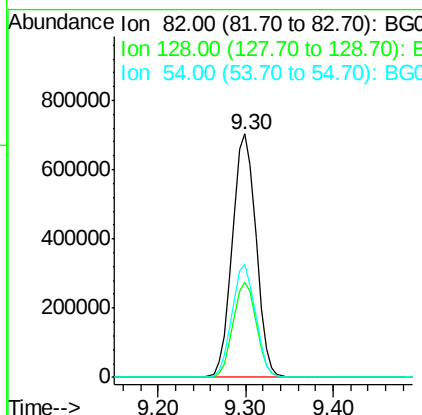
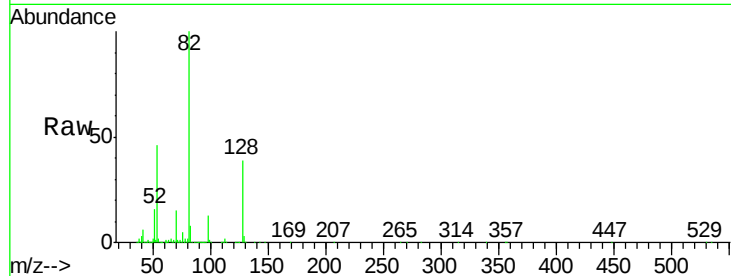




#23
 Nitrobenzene-d5
 Concen: 93.08 ng
 RT: 9.30 min Scan# 1100
 Delta R.T. -0.01 min
 Lab File: BG023371.D
 Acq: 31 Jul 2016 16:56

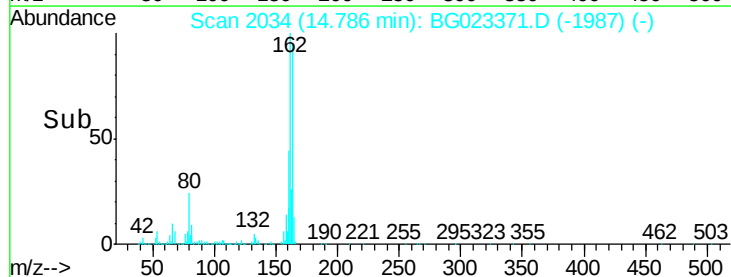
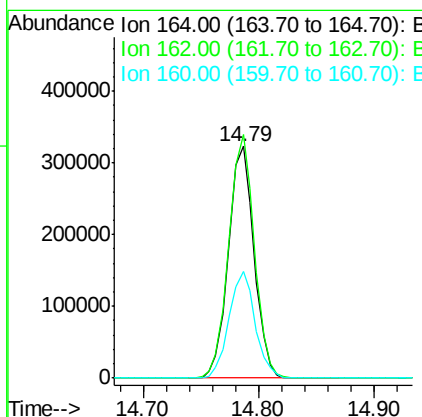
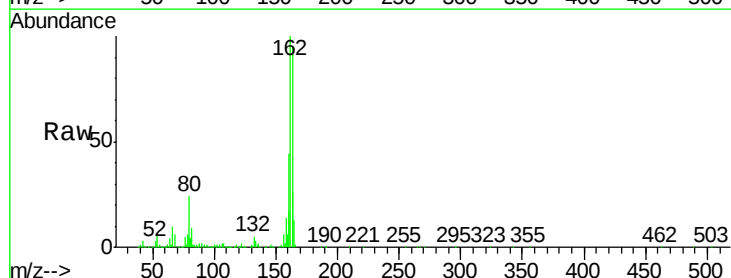
Instrument :
 BNA_G
 ClientSampleId :
 AB-SLOPE(0-4)N

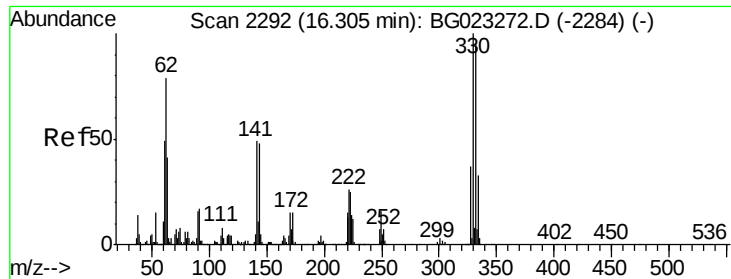
Tgt Ion: 82 Resp: 1288694
 Ion Ratio Lower Upper
 82 100
 128 39.1 24.4 36.6#
 54 46.3 41.4 62.0



#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

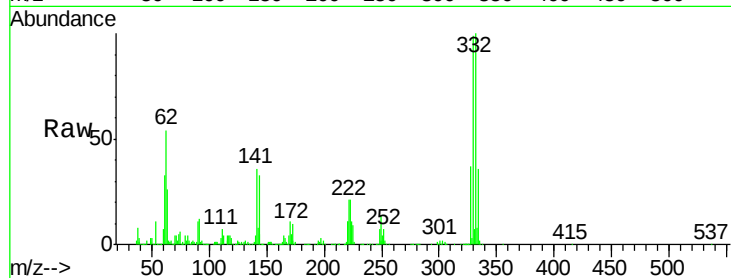




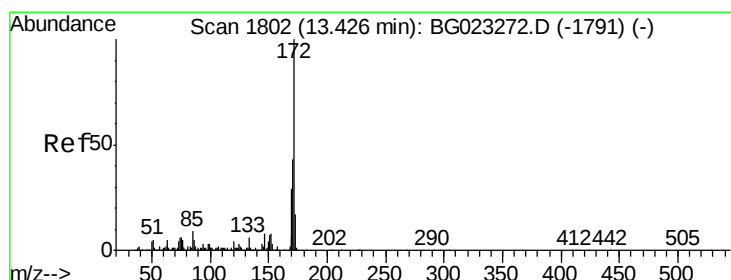
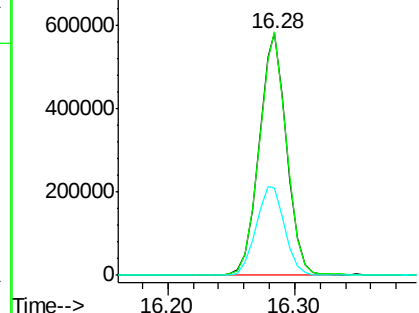
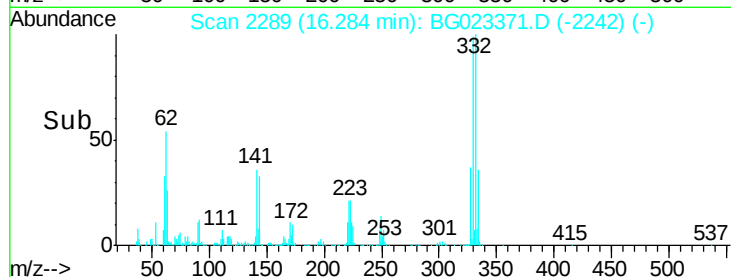
#41
 2,4,6-Tribromophenol
 Concen: 169.79 ng
 RT: 16.28 min Scan# 2289
 Delta R.T. -0.02 min
 Lab File: BG023371.D
 Acq: 31 Jul 2016 16:56

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

Tgt Ion	Ratio	Lower	Upper
330	100		
332	99.9	77.4	116.2
141	38.3	31.7	47.5

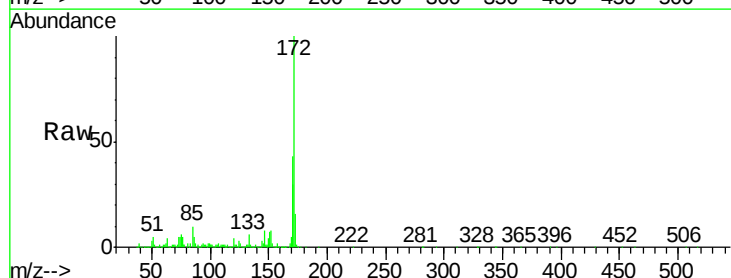


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

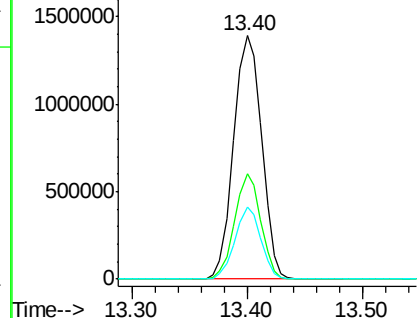
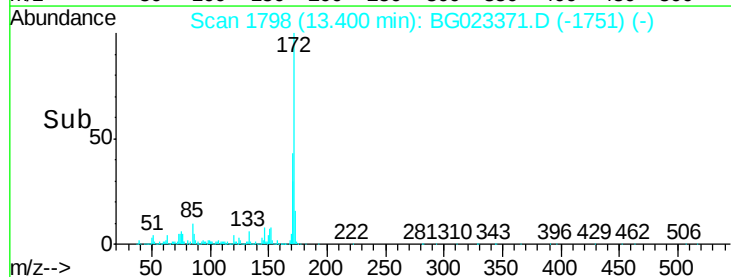


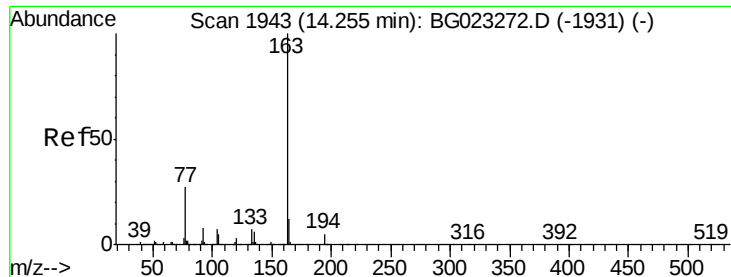
#44
 2-Fluorobiphenyl
 Concen: 88.24 ng
 RT: 13.40 min Scan# 1798
 Delta R.T. -0.02 min
 Lab File: BG023371.D
 Acq: 31 Jul 2016 16:56

Tgt Ion	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 :

AB-SLOPE(0-4)N

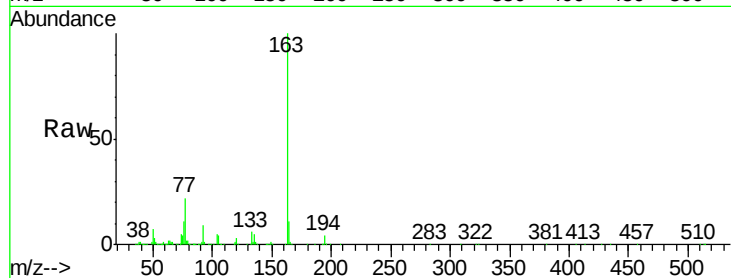
Tgt Ion:163 Resp: 563380

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

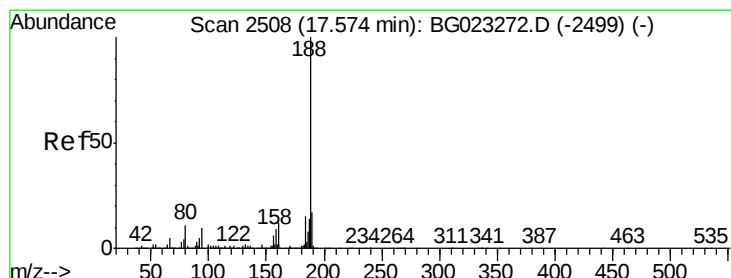
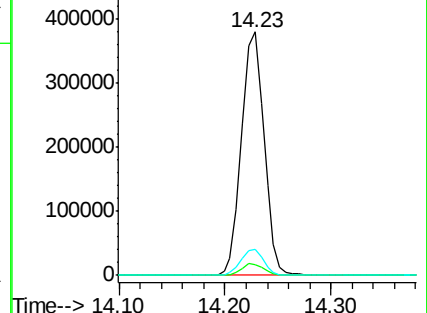
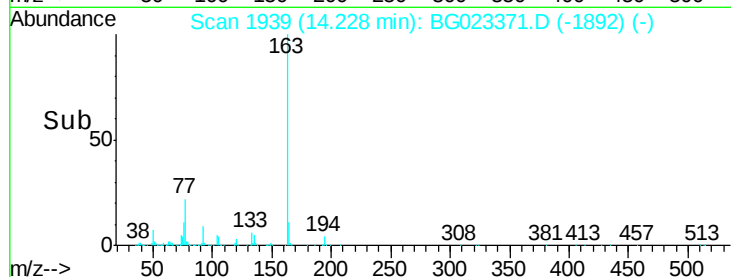
164 10.6 8.1 12.1



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

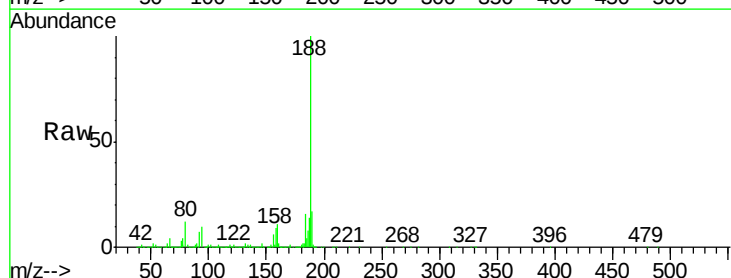
Tgt Ion:188 Resp: 1306810

Ion Ratio Lower Upper

188 100

94 10.2 5.2 7.8#

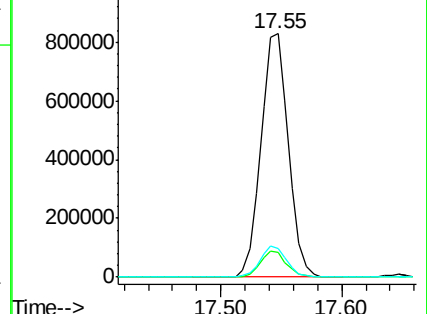
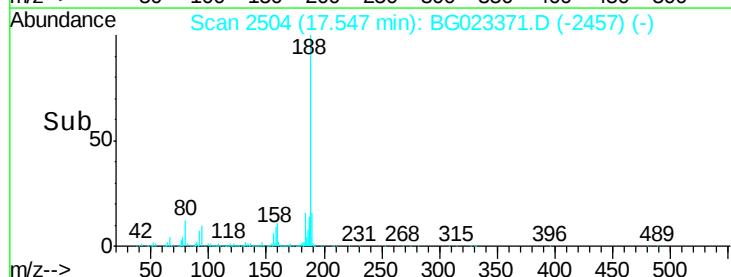
80 11.9 7.2 10.8#

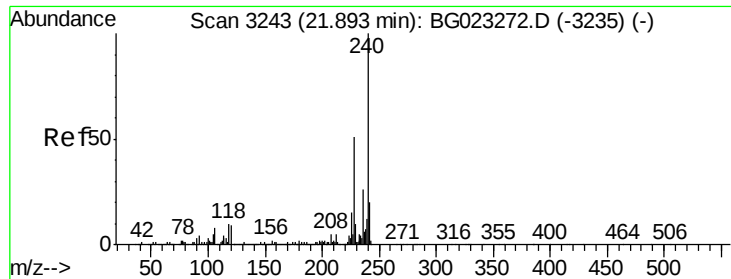


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

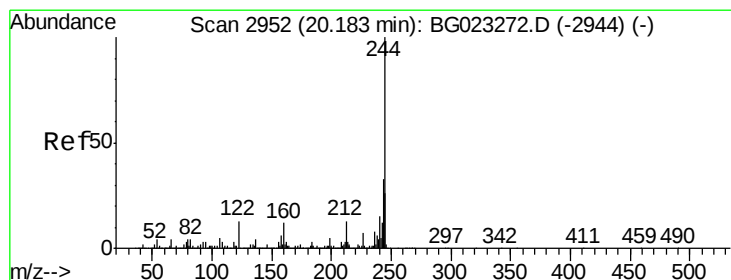
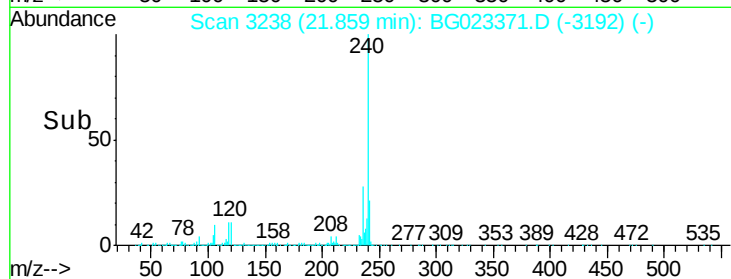
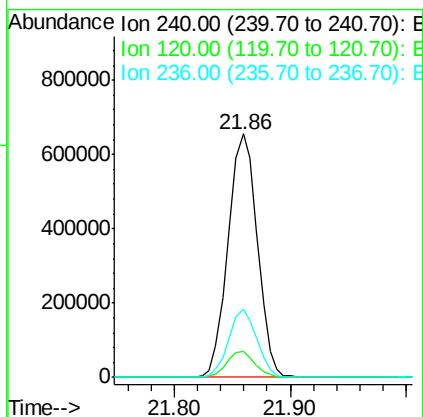
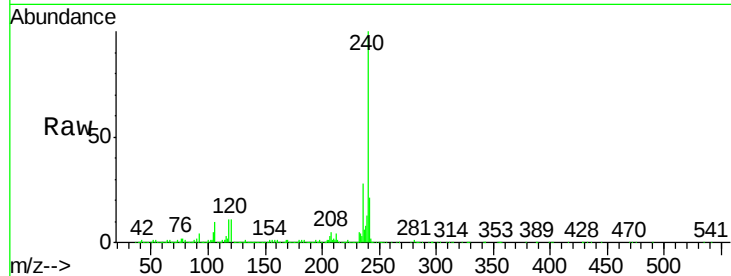




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.86 min Scan# 3238
 Delta R.T. -0.03 min
 Lab File: BG023371.D
 Acq: 31 Jul 2016 16:56

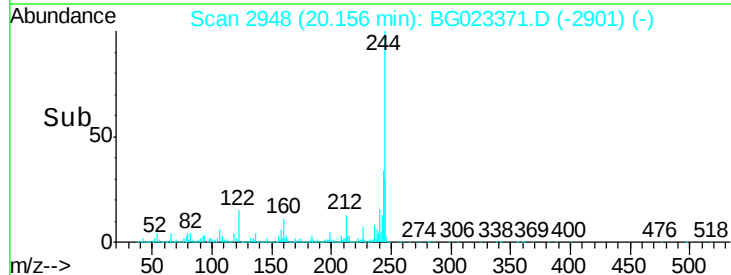
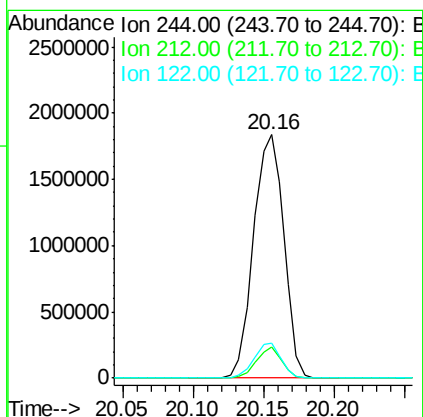
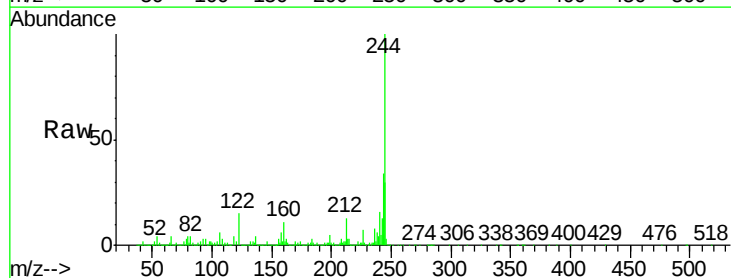
Instrument :
 BNA_G
 ClientSampleId :
 AB-SLOPE(0-4)N

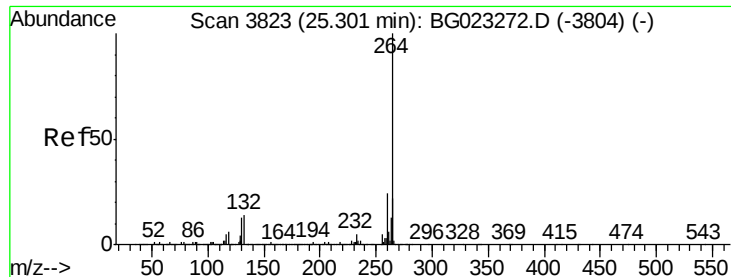
Tgt Ion:240 Resp: 1149025
 Ion Ratio Lower Upper
 240 100
 120 10.7 4.1 6.1#
 236 27.9 21.1 31.7



#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
Perylene-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 :
AB-SLOPE(0-4)N

Tgt Ion:264 Resp: 1149963

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

