

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072716\
 Data File : BG023299.D
 Acq On : 28 Jul 2016 1:40
 Operator : UM/SJ
 Sample : H4185-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TWP-01

Quant Time: Jul 28 03:35:25 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

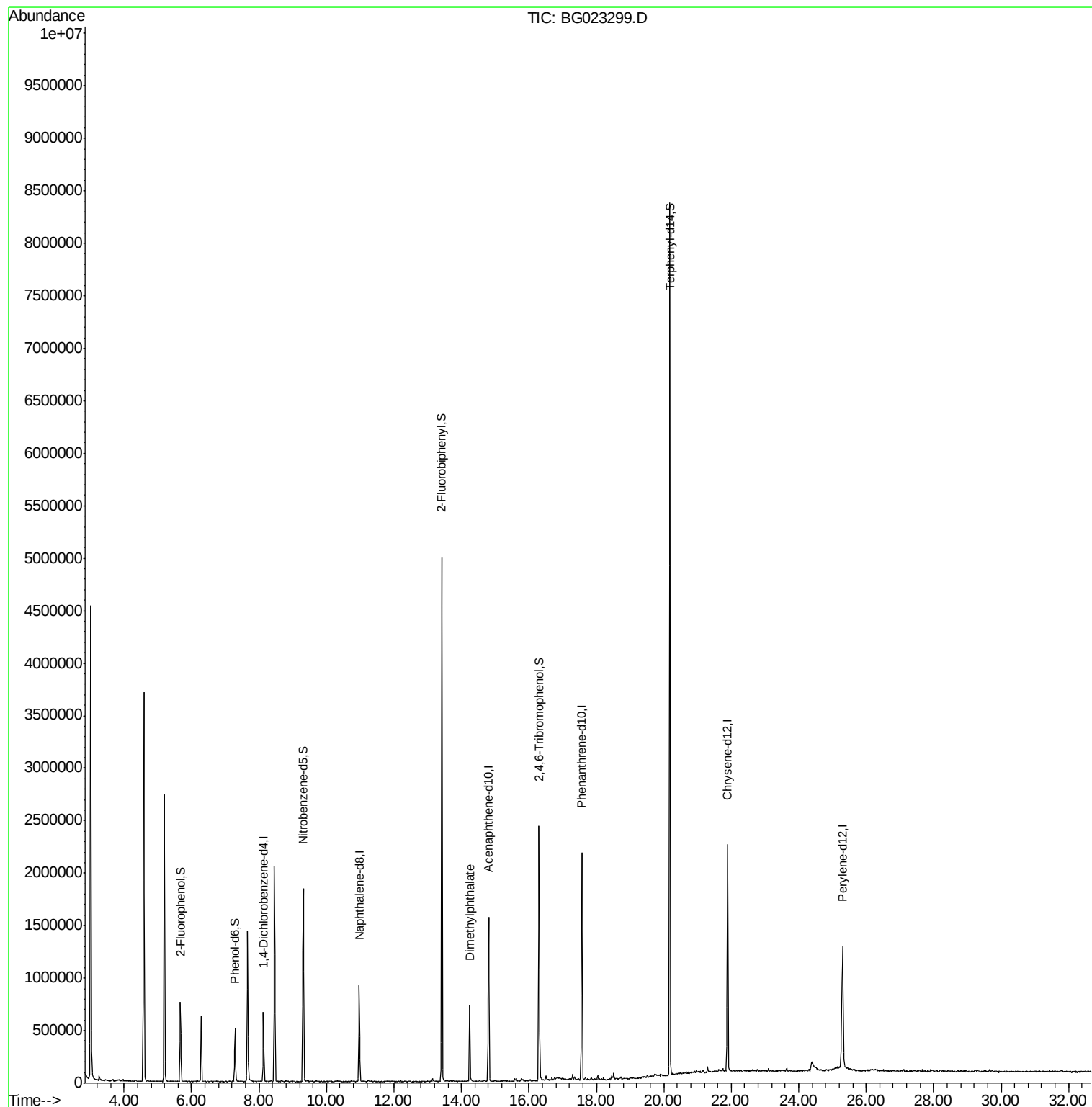
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	179171	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	786172	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	533925	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1267919	20.00	ng	0.00
75) Chrysene-d12	21.89	240	1259092	20.00	ng	0.00
86) Perylene-d12	25.30	264	1287012	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	337347	32.14	ng	0.00
7) Phenol-d6	7.29	99	336987	20.91	ng	0.00
23) Nitrobenzene-d5	9.31	82	1189009	73.96	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	437946	79.25	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2375860	83.28	ng	0.00
78) Terphenyl-d14	20.18	244	3005520	77.60	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.25	163	474105	12.03	ng	98

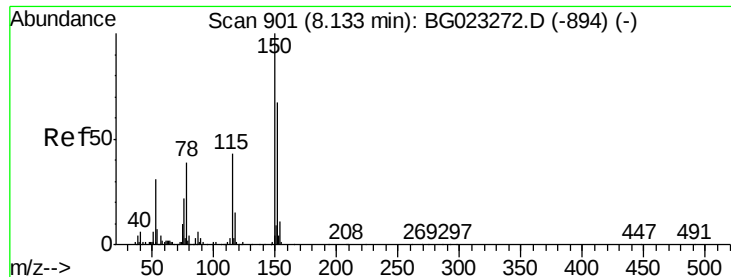
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.13 min Scan# 901

Delta R.T. -0.01 min

Lab File: BG023299.D

Acq: 28 Jul 2016 1:40

Instrument :

BNA_G

ClientSampleId :

TWP-01

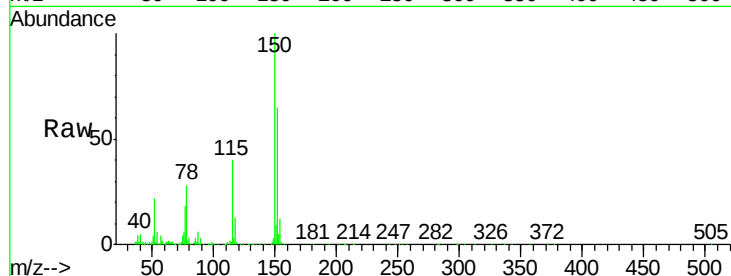
Tot Ion:152 Resp: 179171

Ion Ratio Lower Upper

152 100

150 154.0 144.7 217.1

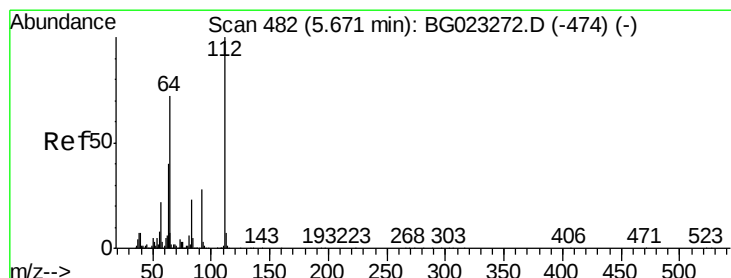
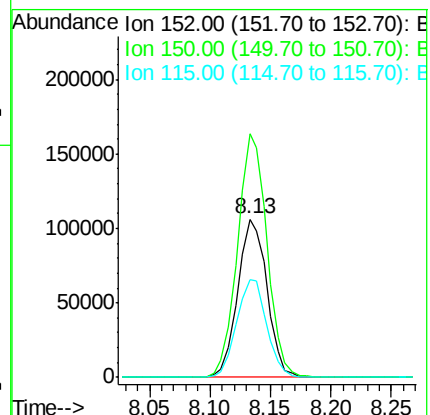
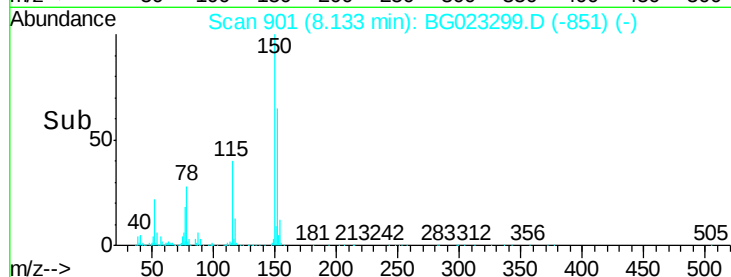
115 61.8 64.0 96.0#



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: 32.14 ng

RT: 5.67 min Scan# 482

Delta R.T. -0.00 min

Lab File: BG023299.D

Acq: 28 Jul 2016 1:40

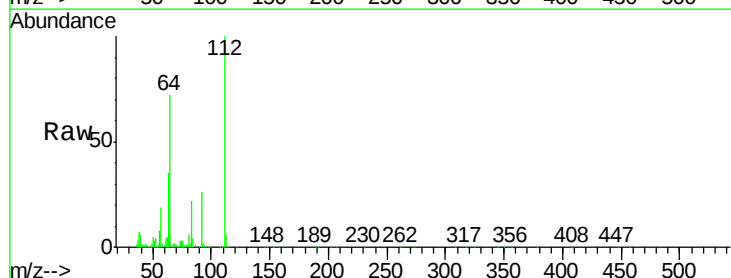
Tgt Ion:112 Resp: 337347

Ion Ratio Lower Upper

112 100

64 71.6 59.0 88.4

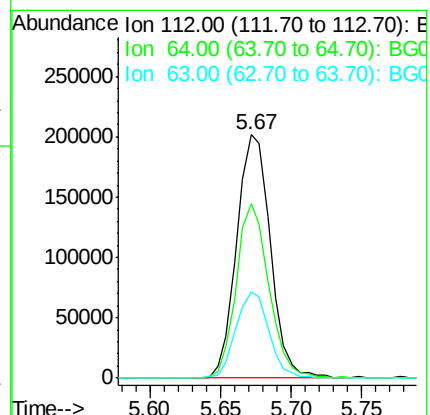
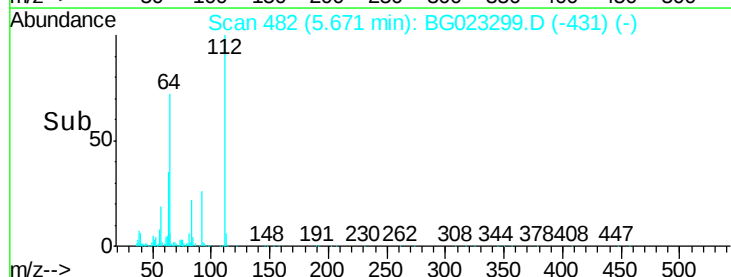
63 35.3 37.8 56.8#

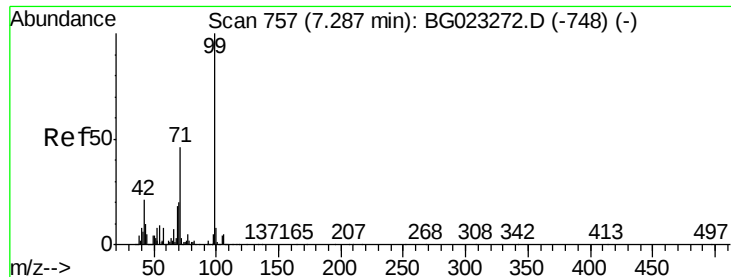


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 20.91 ng

RT: 7.29 min Scan# 757

Delta R.T. -0.00 min

Lab File: BG023299.D

Acq: 28 Jul 2016 1:40

Instrument :

BNA_G

ClientSampled :

TWP-01

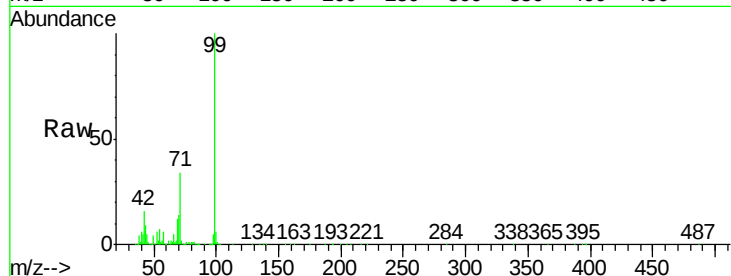
Tot Ion: 99 Resp: 336987

Ion Ratio Lower Upper

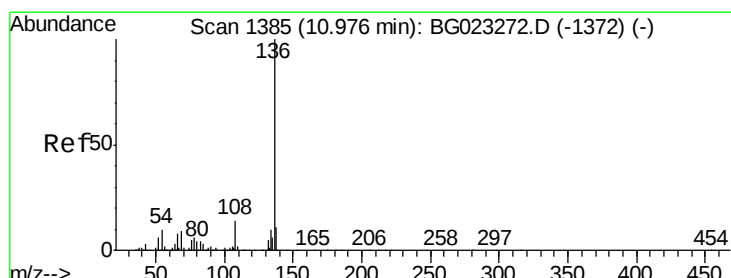
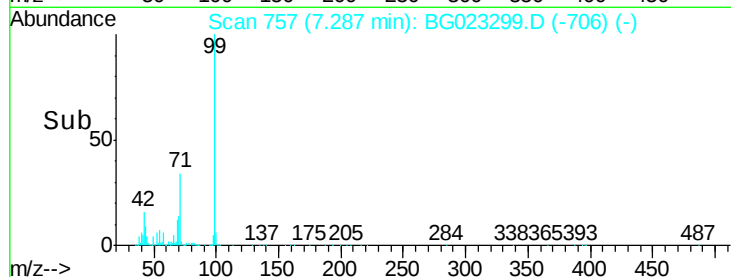
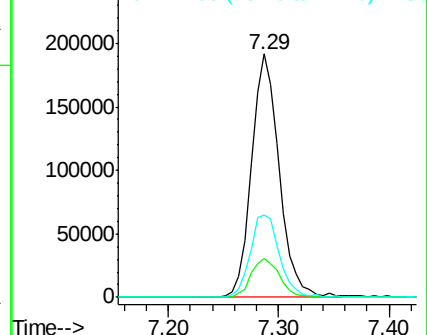
99 100

42 16.0 17.8 26.6#

71 33.6 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: 10.97 min Scan# 1384

Delta R.T. -0.01 min

Lab File: BG023299.D

Acq: 28 Jul 2016 1:40

Tgt Ion: 136 Resp: 786172

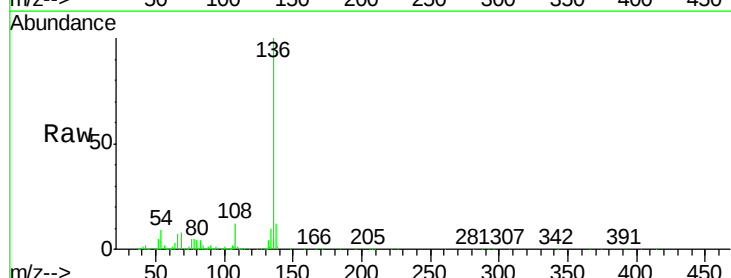
Ion Ratio Lower Upper

136 100

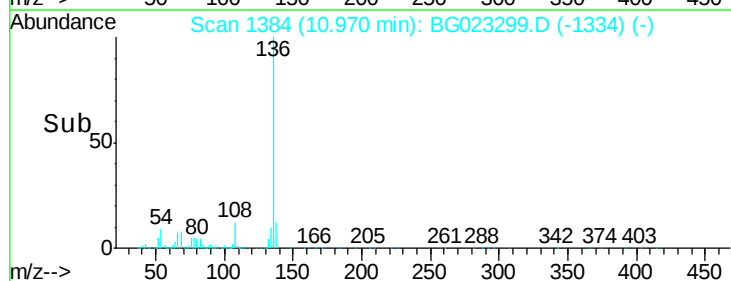
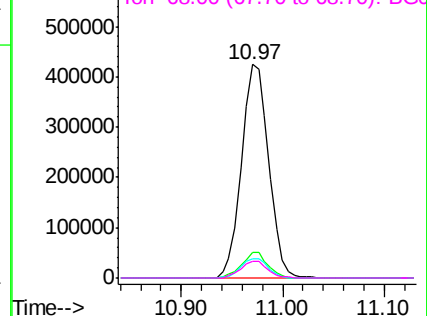
137 12.2 9.6 14.4

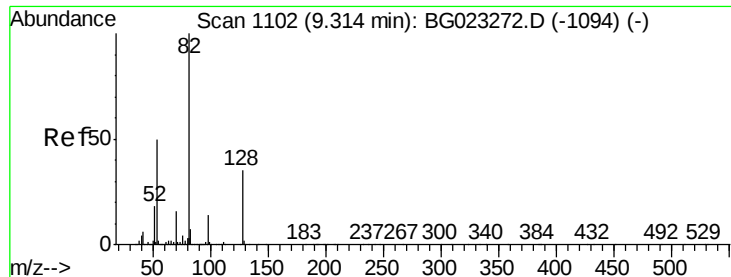
54 8.9 7.3 10.9

68 8.0 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

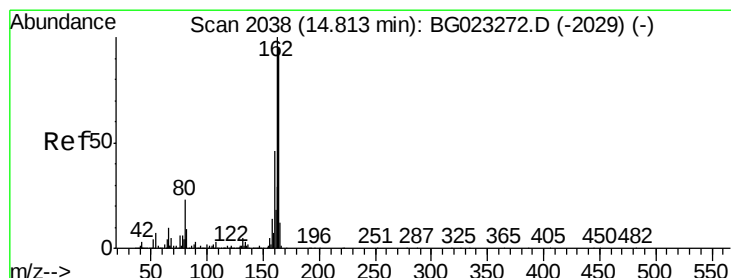
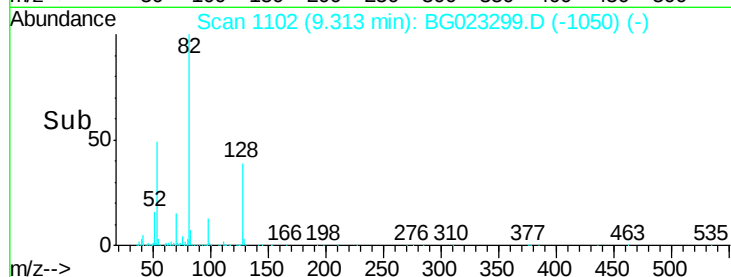
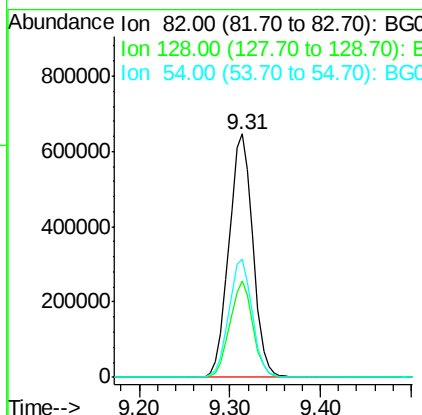
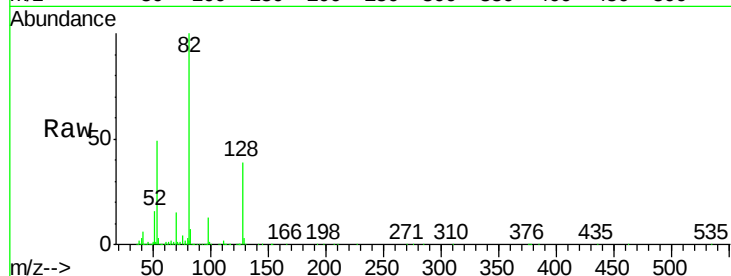




#23
 Nitrobenzene-d5
 Concen: 73.96 ng
 RT: 9.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BG023299.D
 Acq: 28 Jul 2016 1:40

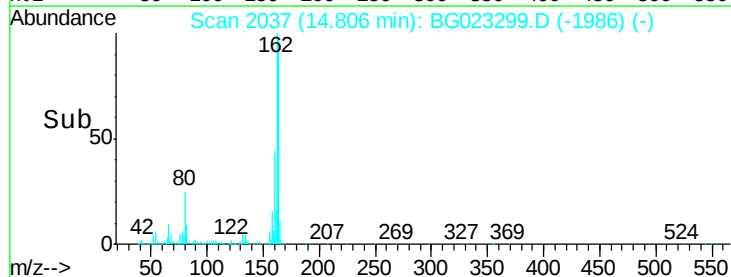
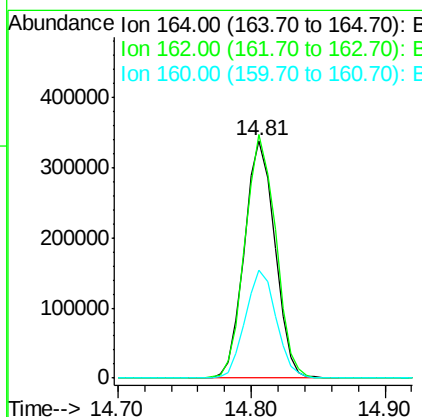
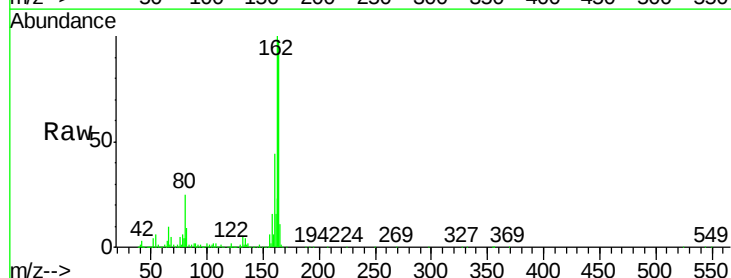
Instrument :
 BNA_G
 ClientSampleId :
 TWP-01

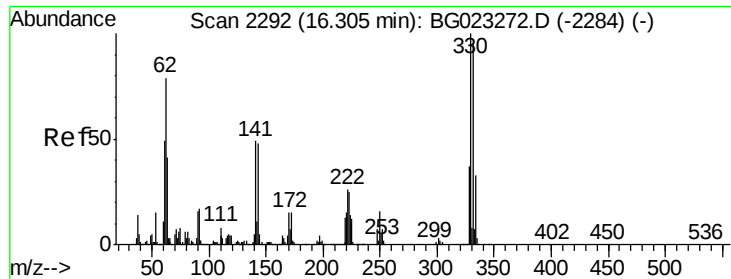
Tot Ion: 82 Resp: 1189009
 Ion Ratio Lower Upper
 82 100
 128 39.4 24.4 36.6#
 54 48.8 41.4 62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.81 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: BG023299.D
 Acq: 28 Jul 2016 1:40

Tgt Ion:164 Resp: 533925
 Ion Ratio Lower Upper
 164 100
 162 102.5 87.7 131.5
 160 45.2 37.2 55.8

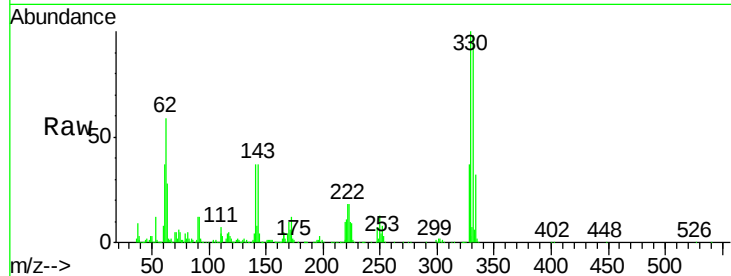




#41
2,4,6-Tribromophenol
Concen: 79.25 ng
RT: 16.30 min Scan# 2292
Delta R.T. -0.00 min
Lab File: BG023299.D
Acq: 28 Jul 2016 1:40

Instrument :
BNA_G
ClientSampleId :
TWP-01

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.3	77.4	116.2
141	39.1	31.7	47.5

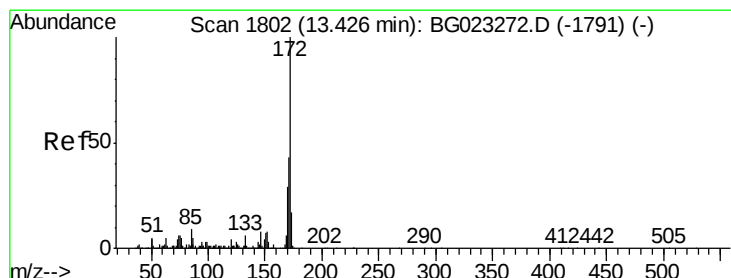
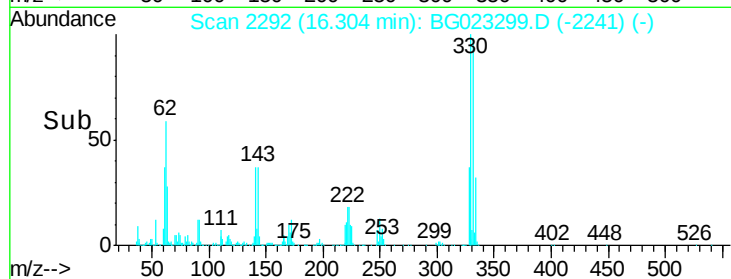
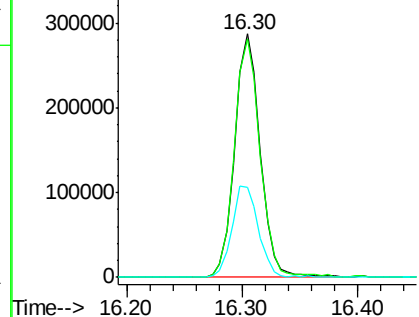


Abundance

Ion 329.80 (329.50 to 330.50): E

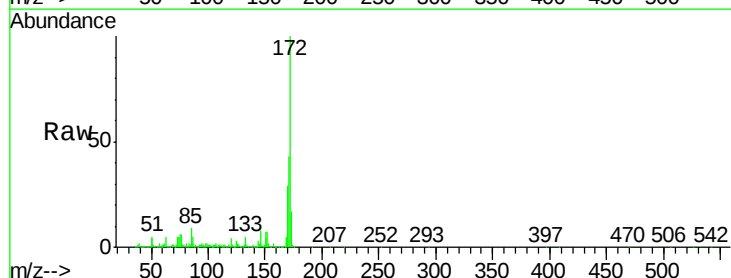
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
2-Fluorobiphenyl
Concen: 83.28 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BG023299.D
Acq: 28 Jul 2016 1:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	42.9	31.6	47.4
170	29.3	21.3	31.9

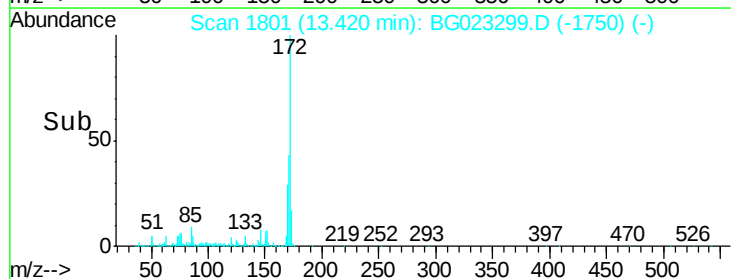
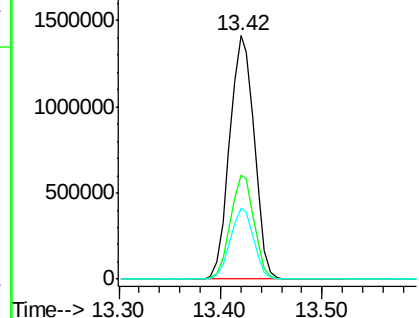


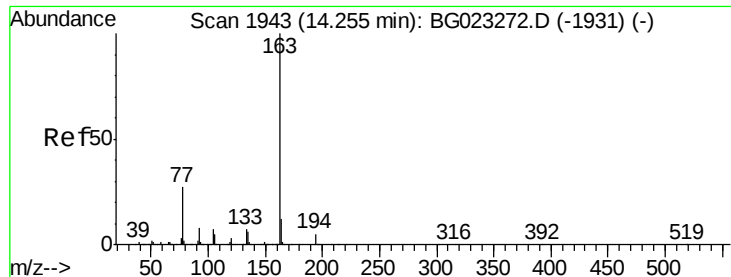
Abundance

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: 12.03 ng

RT: 14.25 min Scan# 1942

Delta R.T. -0.00 min

Lab File: BG023299.D

Acq: 28 Jul 2016 1:40

Instrument :

BNA_G

ClientSampleId :

TWP-01

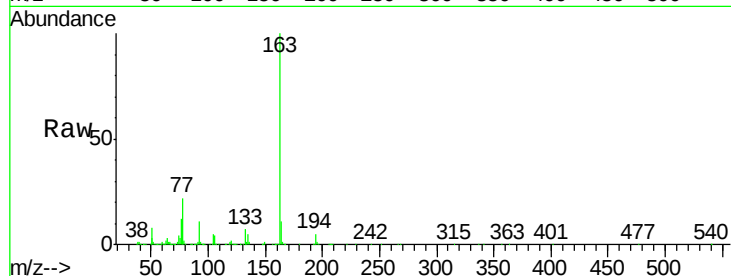
Tot Ion:163 Resp: 474105

Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

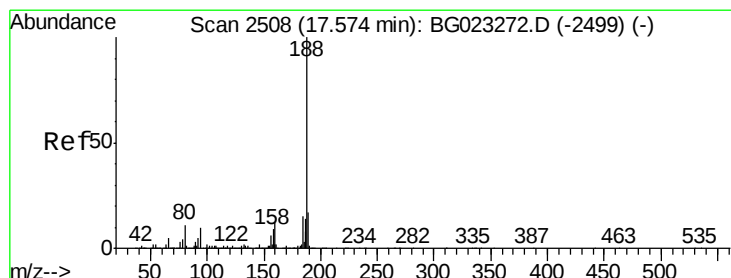
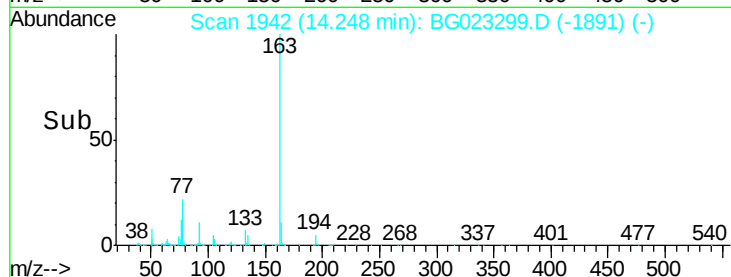
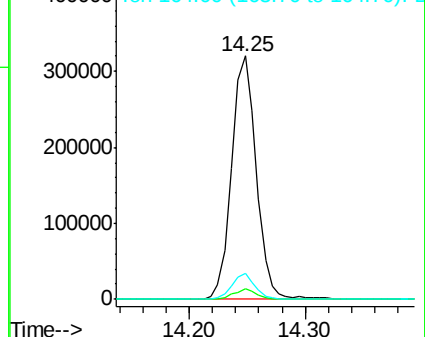
164 10.9 8.1 12.1



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: 17.57 min Scan# 2507

Delta R.T. -0.00 min

Lab File: BG023299.D

Acq: 28 Jul 2016 1:40

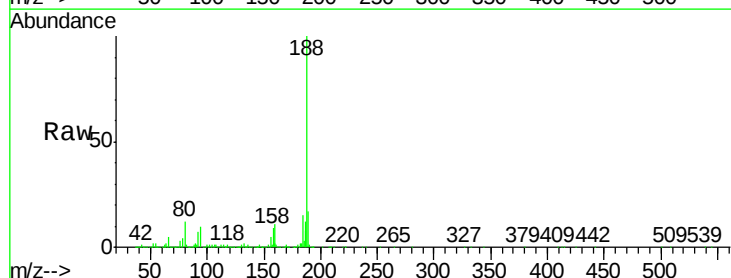
Tgt Ion:188 Resp: 1267919

Ion Ratio Lower Upper

188 100

94 10.2 5.2 7.8#

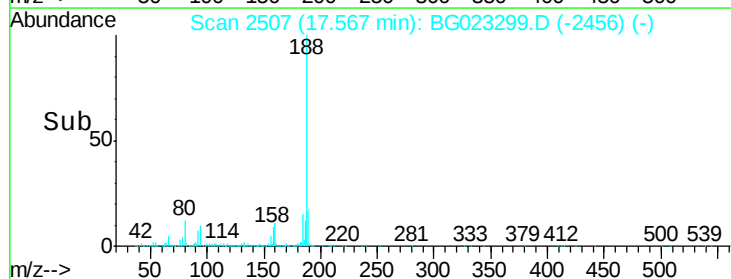
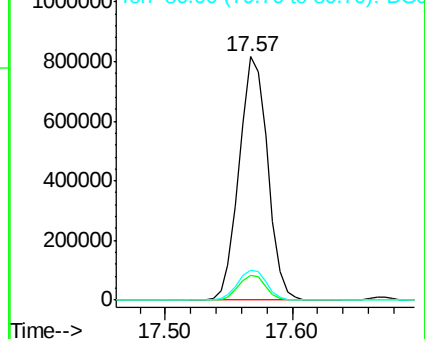
80 12.5 7.2 10.8#

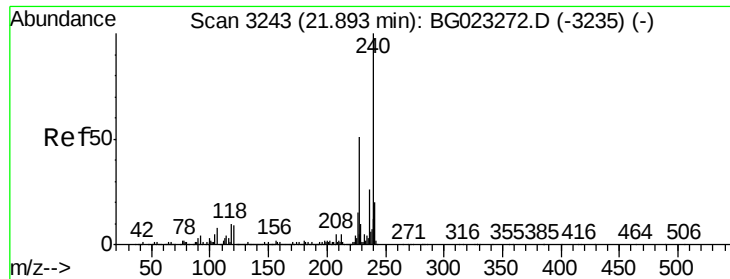


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

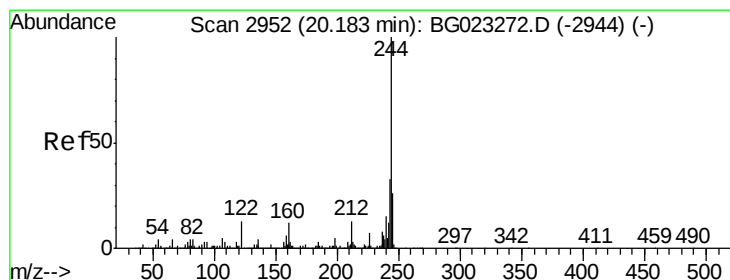
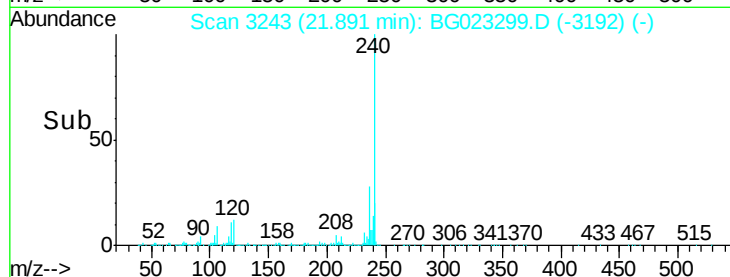
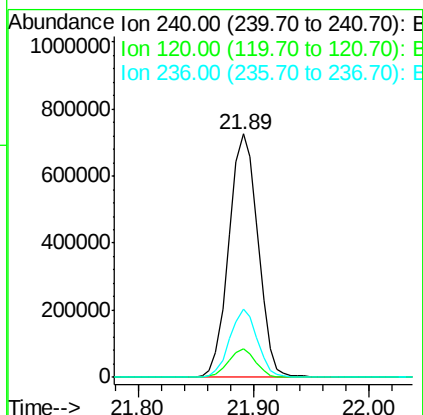
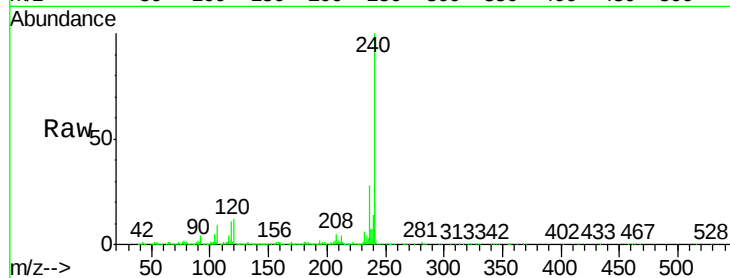




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.89 min Scan# 3243
Delta R.T. 0.00 min
Lab File: BG023299.D
Acq: 28 Jul 2016 1:40

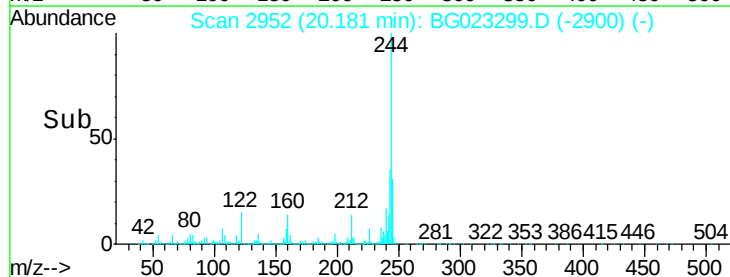
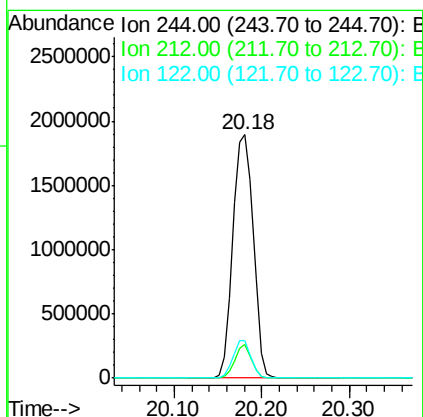
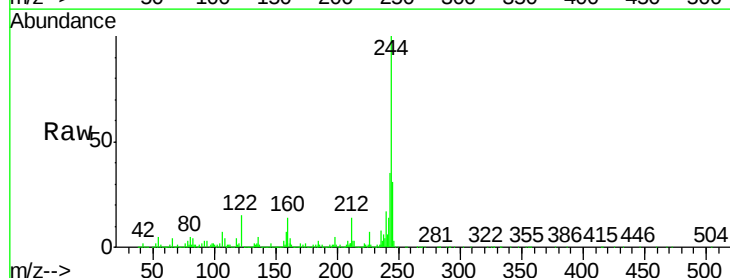
Instrument :
BNA_G
ClientSampled :
TWP-01

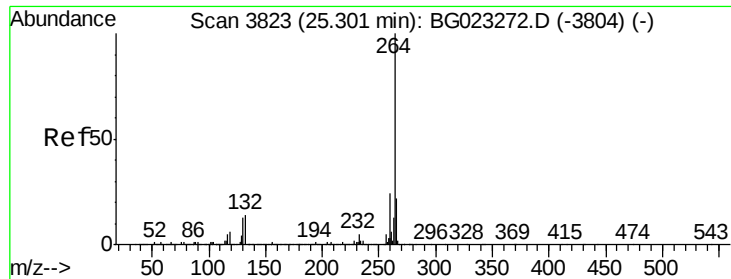
Tot Ion:240 Resp: 1259092
Ion Ratio Lower Upper
240 100
120 11.8 4.1 6.1#
236 28.1 21.1 31.7



#78
Terphenyl-d14
Concen: 77.60 ng
RT: 20.18 min Scan# 2952
Delta R.T. 0.00 min
Lab File: BG023299.D
Acq: 28 Jul 2016 1:40

Tgt Ion:244 Resp: 3005520
Ion Ratio Lower Upper
244 100
212 13.9 10.8 16.2
122 15.3 8.0 12.0#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.30 min Scan# 3823
Delta R.T. -0.00 min
Lab File: BG023299.D
Acq: 28 Jul 2016 1:40

Instrument :
BNA_G
ClientSampleId :
TWP-01

Tot Ion:264 Resp: 1287012

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.4	27.6
265	21.2	18.9	28.3

