

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072916\
 Data File : BG023324.D
 Acq On : 29 Jul 2016 3:45
 Operator : UM/SJ
 Sample : PB92434TB
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB92434TB

Quant Time: Jul 29 07:29:46 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

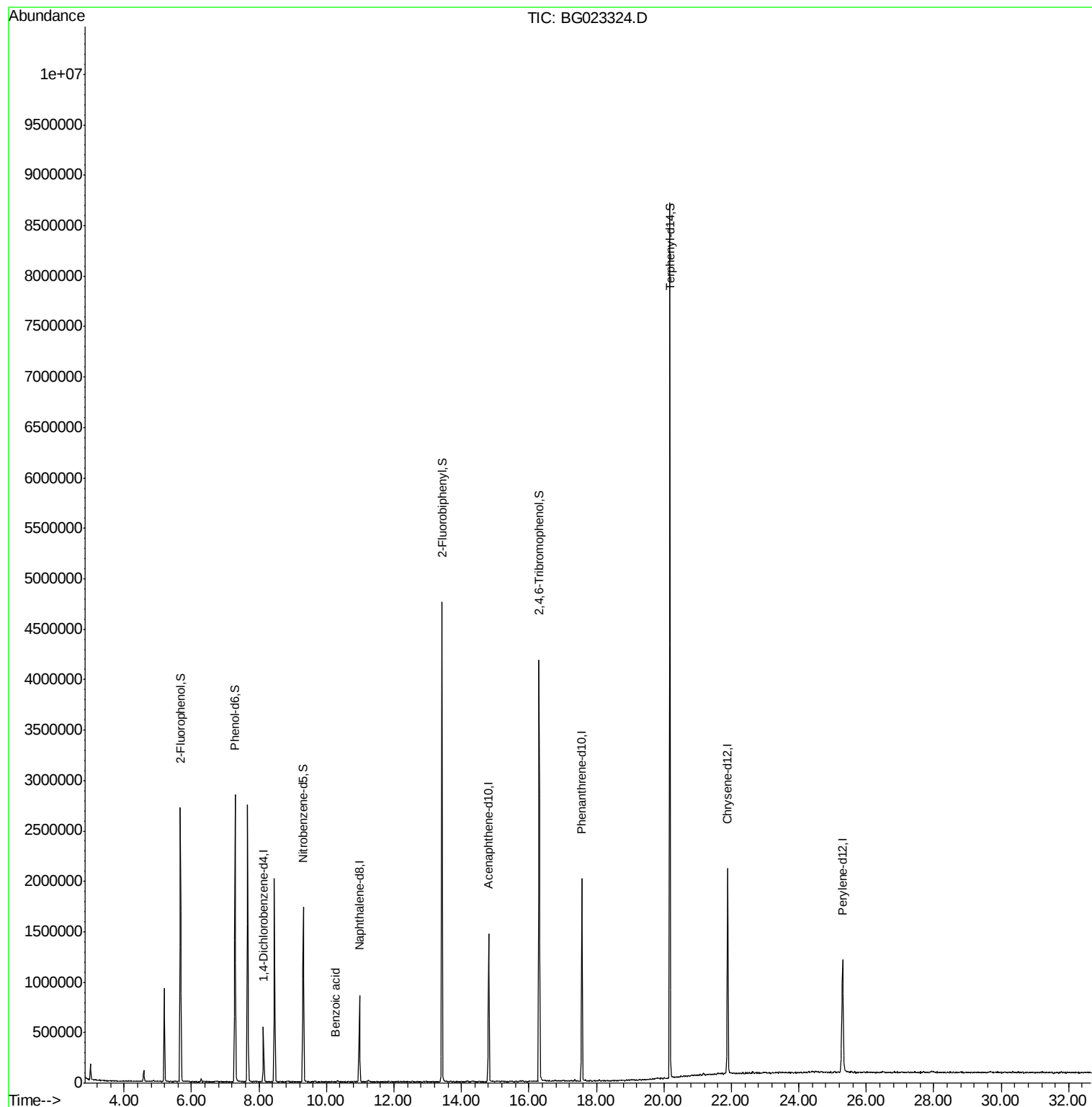
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	152010	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	722836	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	513075	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1218318	20.00	ng	0.00
75) Chrysene-d12	21.89	240	1250149	20.00	ng	0.00
86) Perylene-d12	25.30	264	1240598	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	1184409	133.02	ng	0.00
7) Phenol-d6	7.29	99	1753436	128.26	ng	0.00
23) Nitrobenzene-d5	9.31	82	1126387	76.20	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	798201	150.31	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2407733	87.83	ng	0.00
78) Terphenyl-d14	20.18	244	3077858	80.03	ng	0.00
Target Compounds						
32) Benzoic acid	10.25	122	129	8.12	ng	Qvalue # 77

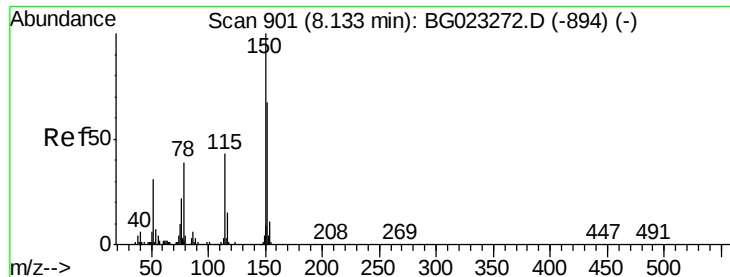
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.14 min Scan# 902

Delta R.T. -0.00 min

Lab File: BG023324.D

Acq: 29 Jul 2016 3:45

Instrument :

BNA_G

ClientSampleId :

PB92434TB

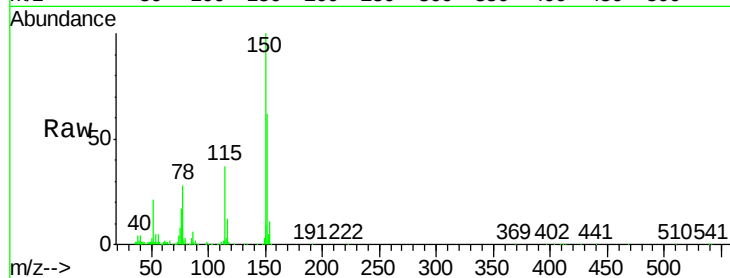
Tgt Ion:152 Resp: 152010

Ion Ratio Lower Upper

152 100

150 162.3 144.7 217.1

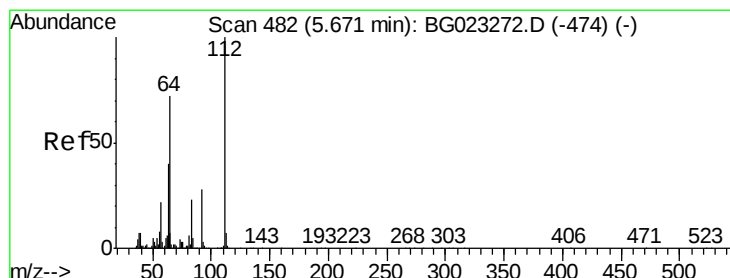
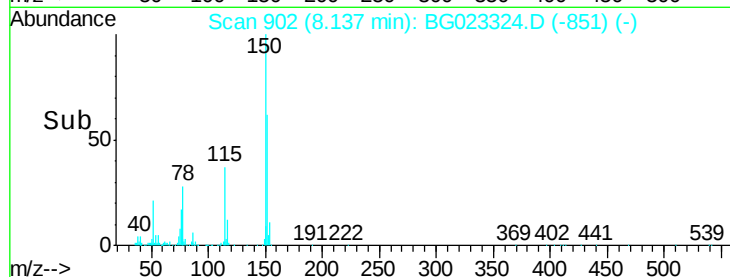
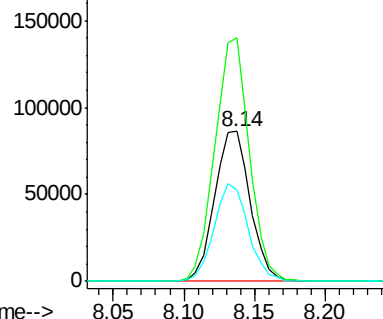
115 60.7 64.0 96.0#



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: 133.02 ng

RT: 5.67 min Scan# 482

Delta R.T. -0.00 min

Lab File: BG023324.D

Acq: 29 Jul 2016 3:45

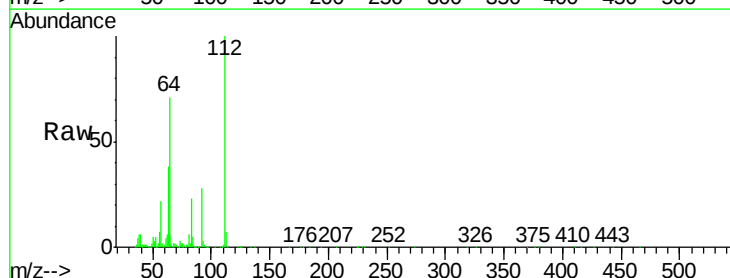
Tgt Ion:112 Resp: 1184409

Ion Ratio Lower Upper

112 100

64 70.6 59.0 88.4

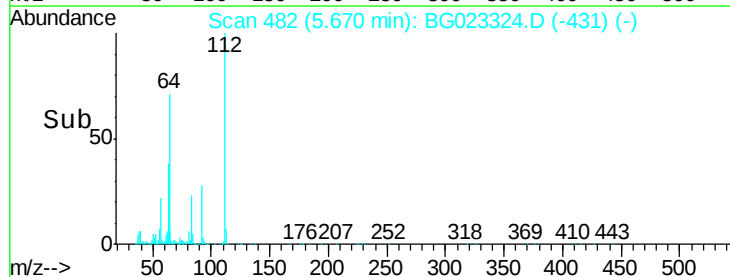
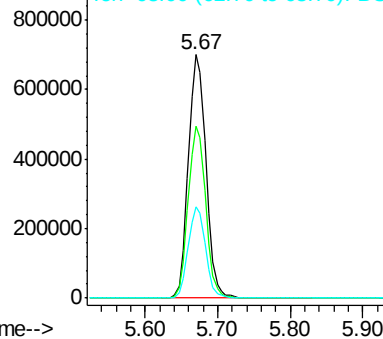
63 37.5 37.8 56.8#

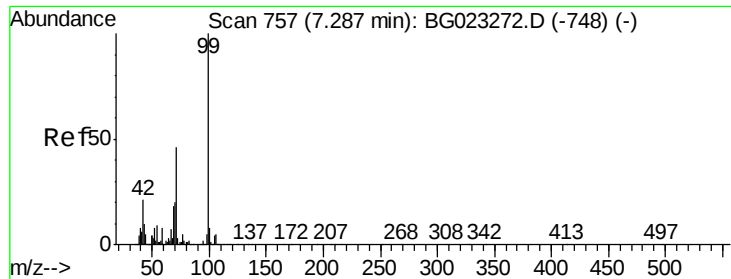


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 128.26 ng

RT: 7.29 min Scan# 757

Delta R.T. -0.00 min

Lab File: BG023324.D

Acq: 29 Jul 2016 3:45

Instrument :

BNA_G

ClientSampleId :

PB92434TB

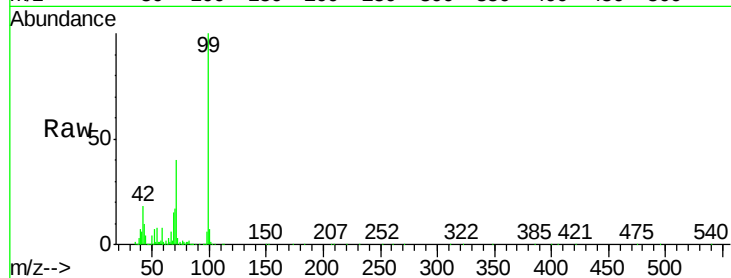
Tgt Ion: 99 Resp: 1753436

Ion Ratio Lower Upper

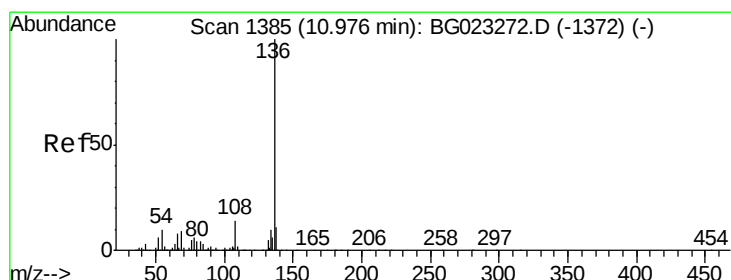
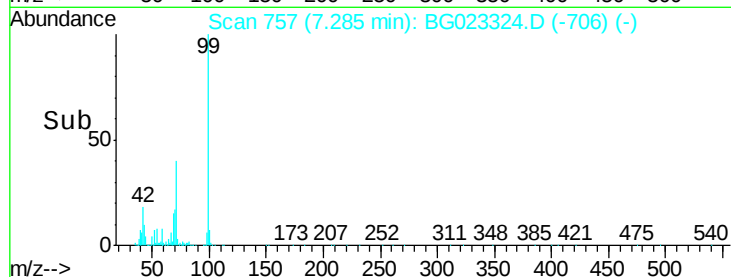
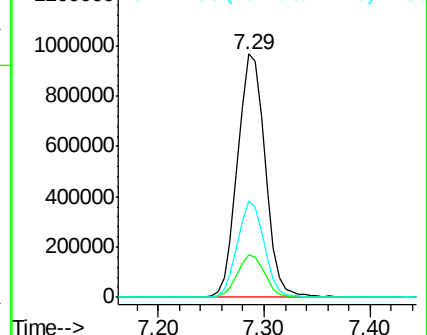
99 100

42 17.6 17.8 26.6#

71 39.5 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.97 min Scan# 1384

Delta R.T. -0.01 min

Lab File: BG023324.D

Acq: 29 Jul 2016 3:45

Tgt Ion: 136 Resp: 722836

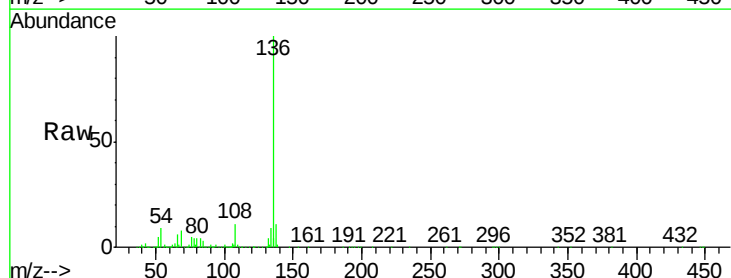
Ion Ratio Lower Upper

136 100

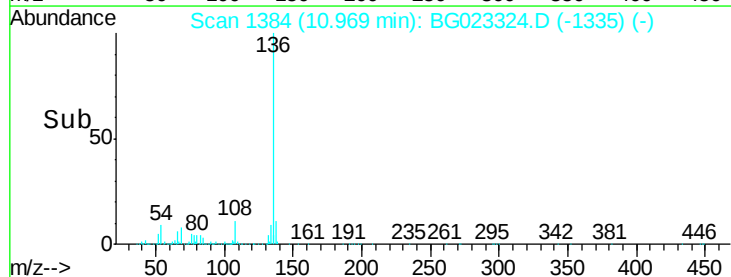
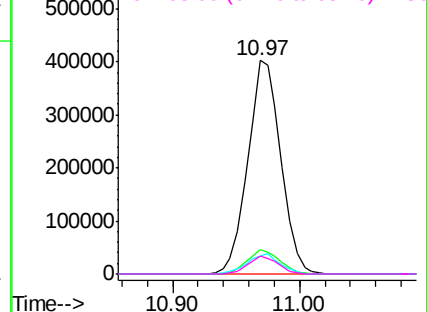
137 11.3 9.6 14.4

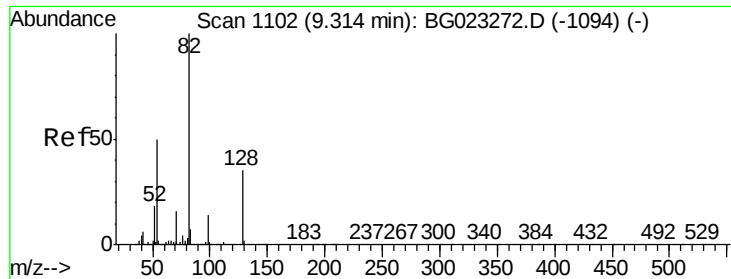
54 8.5 7.3 10.9

68 8.3 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

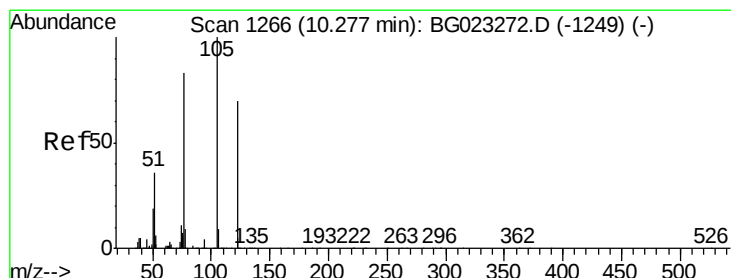
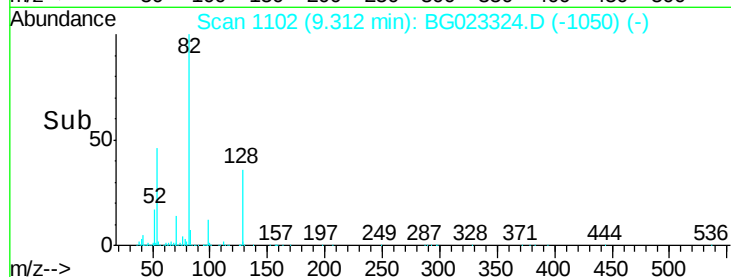
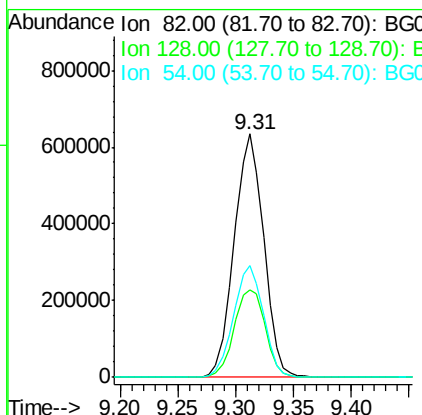
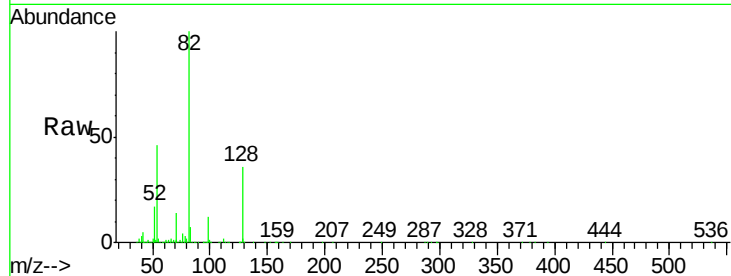




#23
Nitrobenzene-d5
Concen: 76.20 ng
RT: 9.31 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BG023324.D
Acq: 29 Jul 2016 3:45

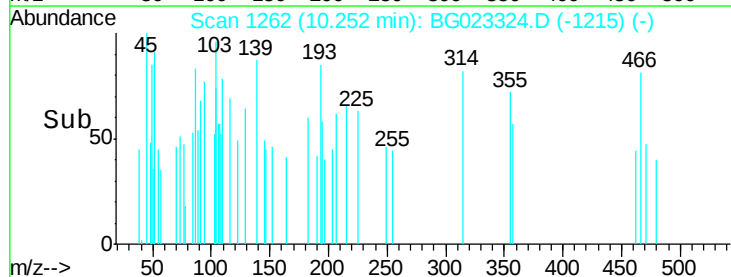
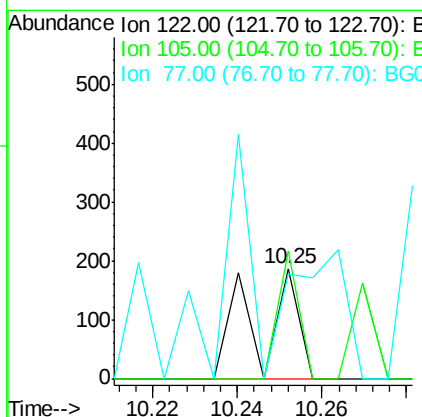
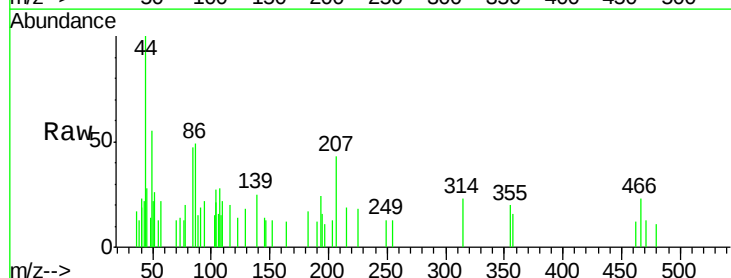
Instrument :
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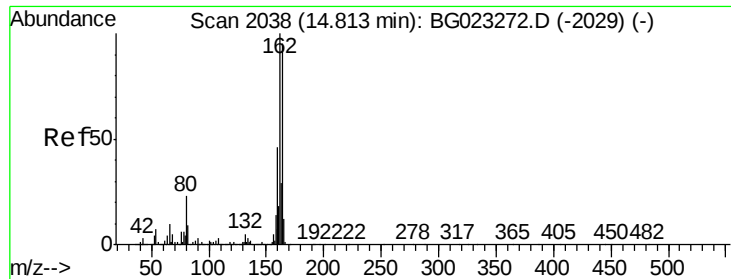
Tgt Ion: 82 Resp: 1126387
Ion Ratio Lower Upper
82 100
128 36.2 24.4 36.6
54 45.7 41.4 62.0



#32
Benzoic acid
Concen: 8.12 ng
RT: 10.25 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BG023324.D
Acq: 29 Jul 2016 3:45

Tgt Ion: 122 Resp: 129
Ion Ratio Lower Upper
122 100
105 116.0 117.2 157.2#
77 94.7 109.2 149.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2037

Delta R.T. -0.00 min

Lab File: BG023324.D

Acq: 29 Jul 2016 3:45

Instrument :

BNA_G

ClientSampleId :

PB92434TB

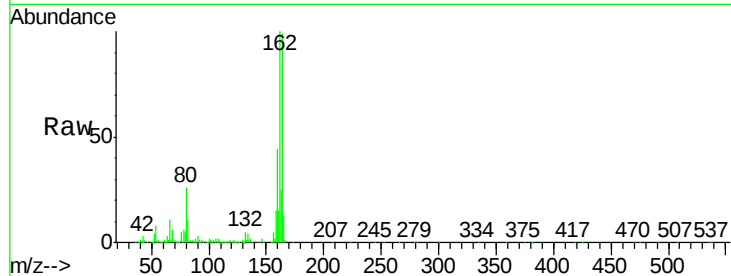
Tgt Ion:164 Resp: 513075

Ion Ratio Lower Upper

164 100

162 101.3 87.7 131.5

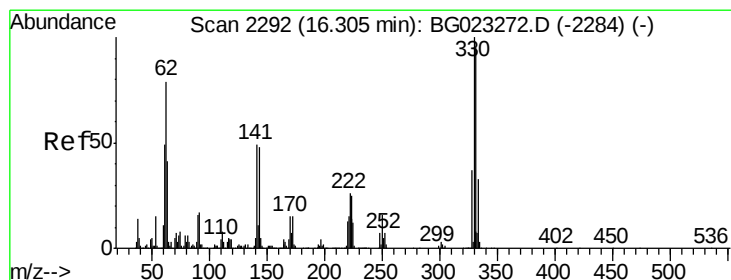
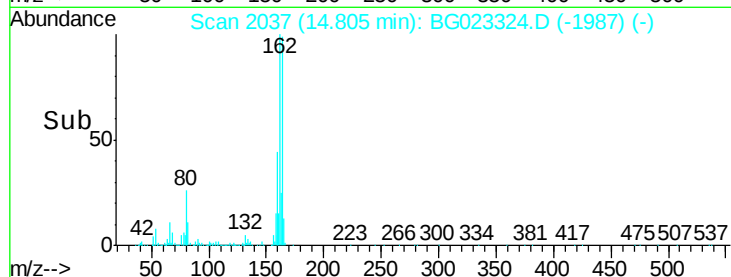
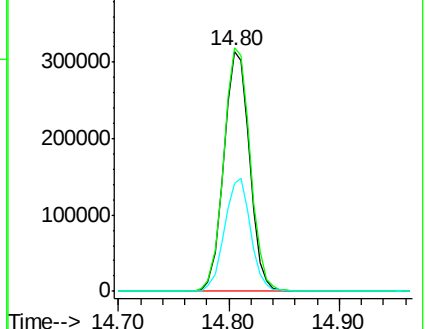
160 45.1 37.2 55.8



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: 150.31 ng

RT: 16.31 min Scan# 2293

Delta R.T. 0.00 min

Lab File: BG023324.D

Acq: 29 Jul 2016 3:45

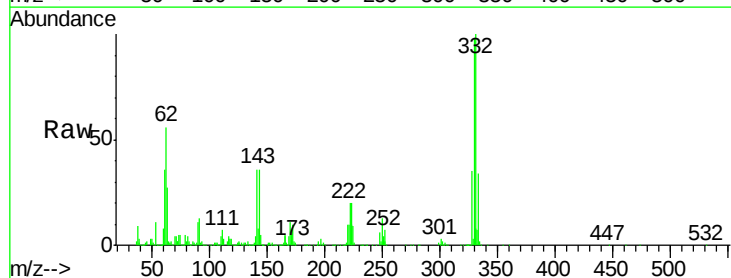
Tgt Ion:330 Resp: 798201

Ion Ratio Lower Upper

330 100

332 99.8 77.4 116.2

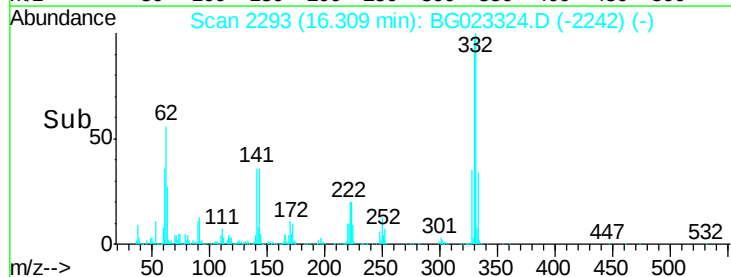
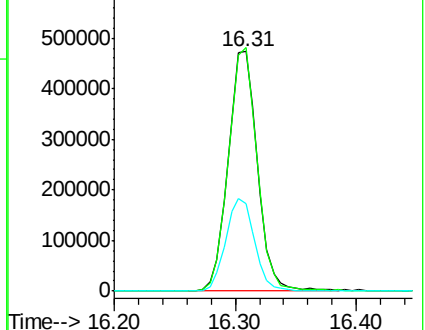
141 37.9 31.7 47.5

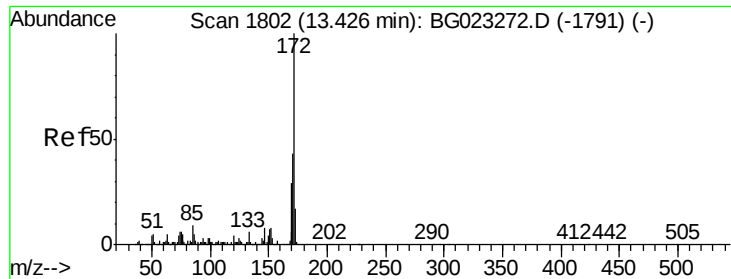


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

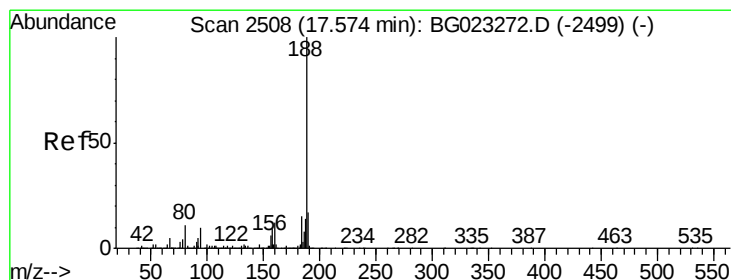
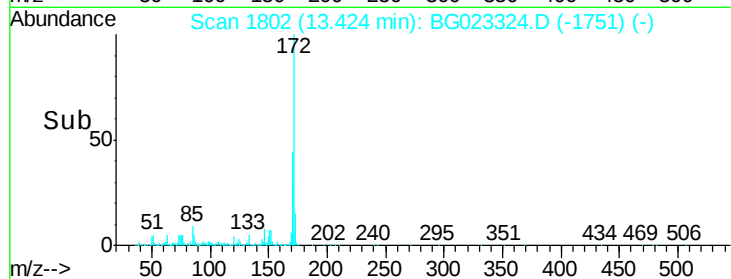
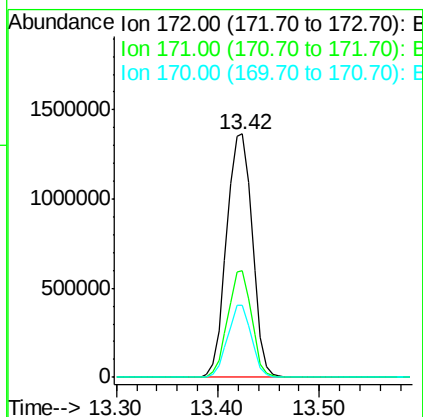
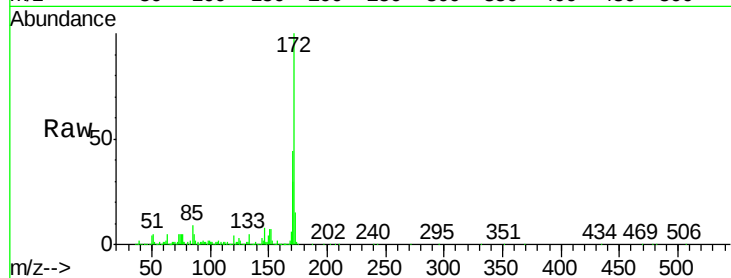




#44
 2-Fluorobiphenyl
 Concen: 87.83 ng
 RT: 13.42 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: BG023324.D
 Acq: 29 Jul 2016 3:45

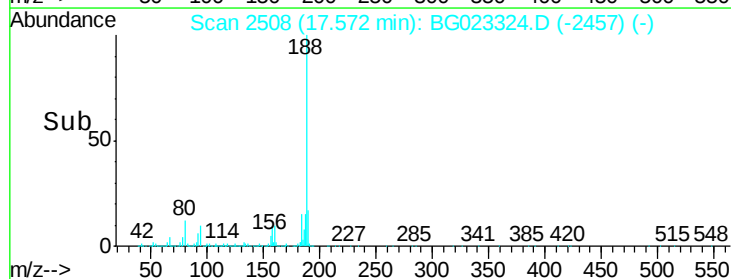
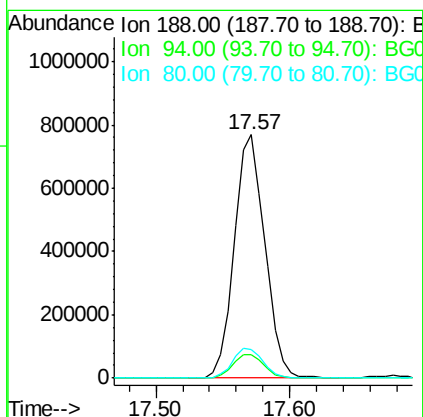
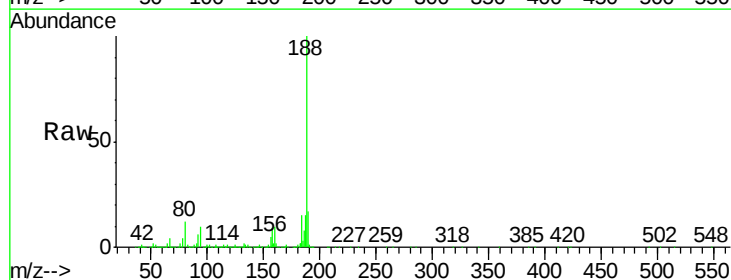
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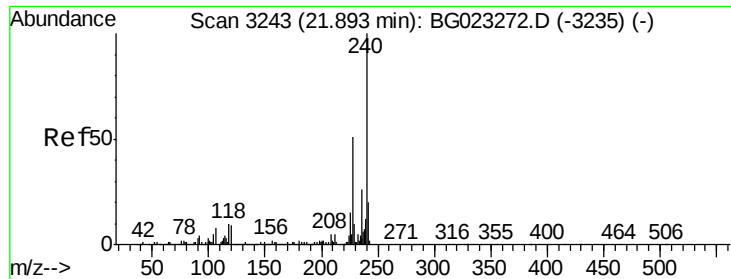
Tgt Ion:172 Resp: 2407733
 Ion Ratio Lower Upper
 172 100
 171 43.8 31.6 47.4
 170 29.6 21.3 31.9



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.57 min Scan# 2508
 Delta R.T. 0.00 min
 Lab File: BG023324.D
 Acq: 29 Jul 2016 3:45

Tgt Ion:188 Resp: 1218318
 Ion Ratio Lower Upper
 188 100
 94 9.5 5.2 7.8#
 80 11.9 7.2 10.8#

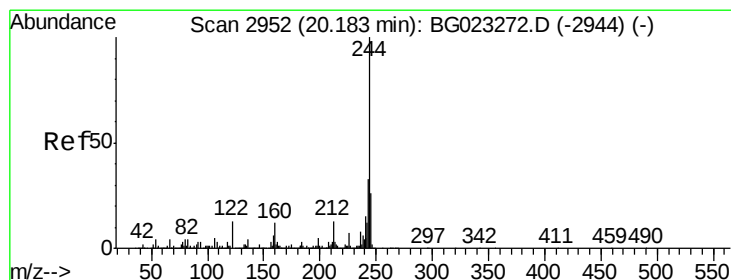
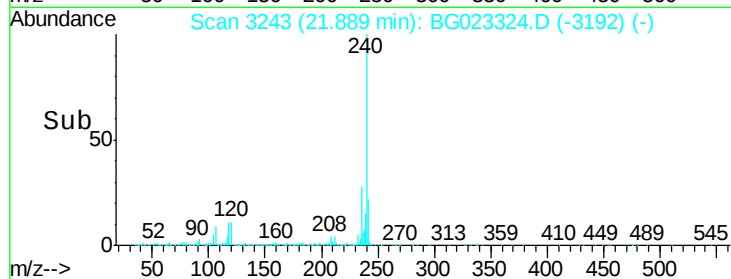
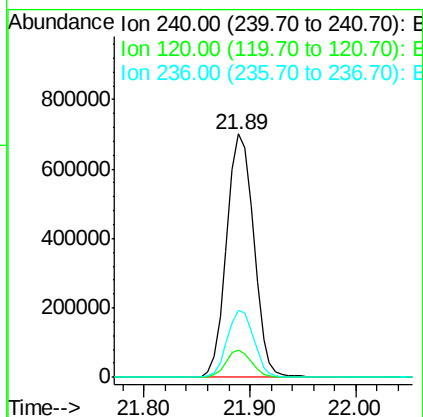
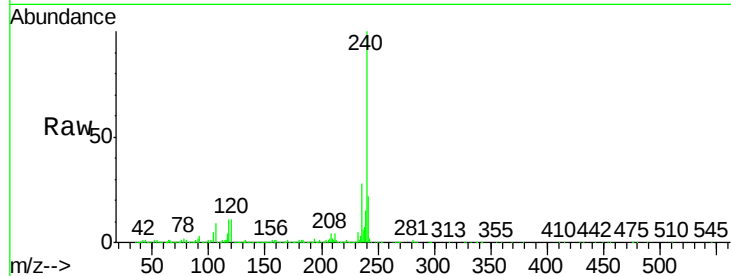




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.89 min Scan# 3243
 Delta R.T. 0.00 min
 Lab File: BG023324.D
 Acq: 29 Jul 2016 3:45

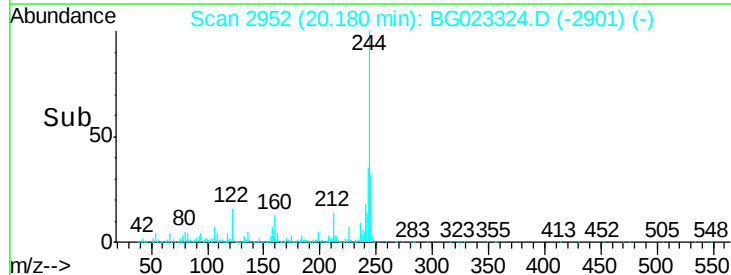
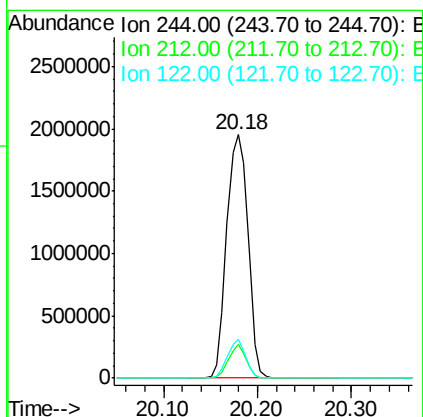
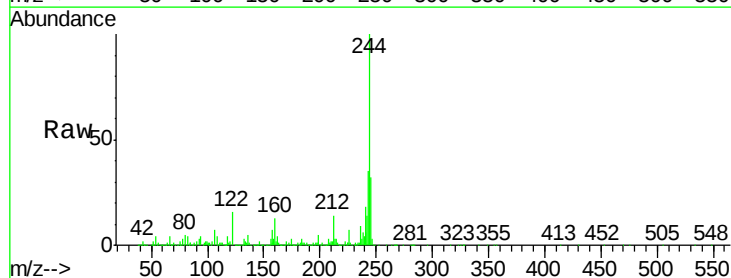
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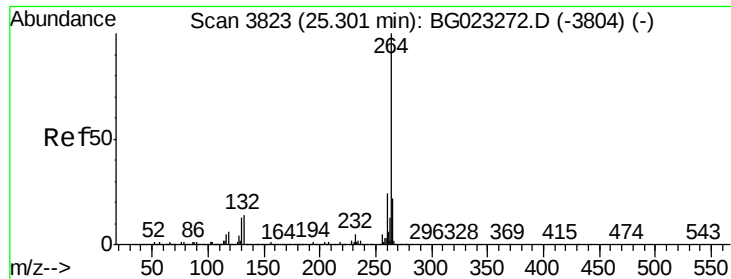
Tgt Ion:240 Resp: 1250149
 Ion Ratio Lower Upper
 240 100
 120 11.3 4.1 6.1#
 236 27.6 21.1 31.7



#78
 Terphenyl-d14
 Concen: 80.03 ng
 RT: 20.18 min Scan# 2952
 Delta R.T. 0.00 min
 Lab File: BG023324.D
 Acq: 29 Jul 2016 3:45

Tgt Ion:244 Resp: 3077858
 Ion Ratio Lower Upper
 244 100
 212 13.9 10.8 16.2
 122 15.8 8.0 12.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.30 min Scan# 3823
Delta R.T. -0.01 min
Lab File: BG023324.D
Acq: 29 Jul 2016 3:45

Instrument :
BNA_G
ClientSampleId :
PB92434TB

Tgt Ion: 264 Resp: 1240598

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.4	27.6
265	21.8	18.9	28.3

