

Data Path : Z:\HPCHEM1\BNA G\DATA\BG073116\
 Data File : BG023367.D
 Acq On : 31 Jul 2016 14:14
 Operator : UM/SJ
 Sample : PB92481BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 01 01:25:44 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

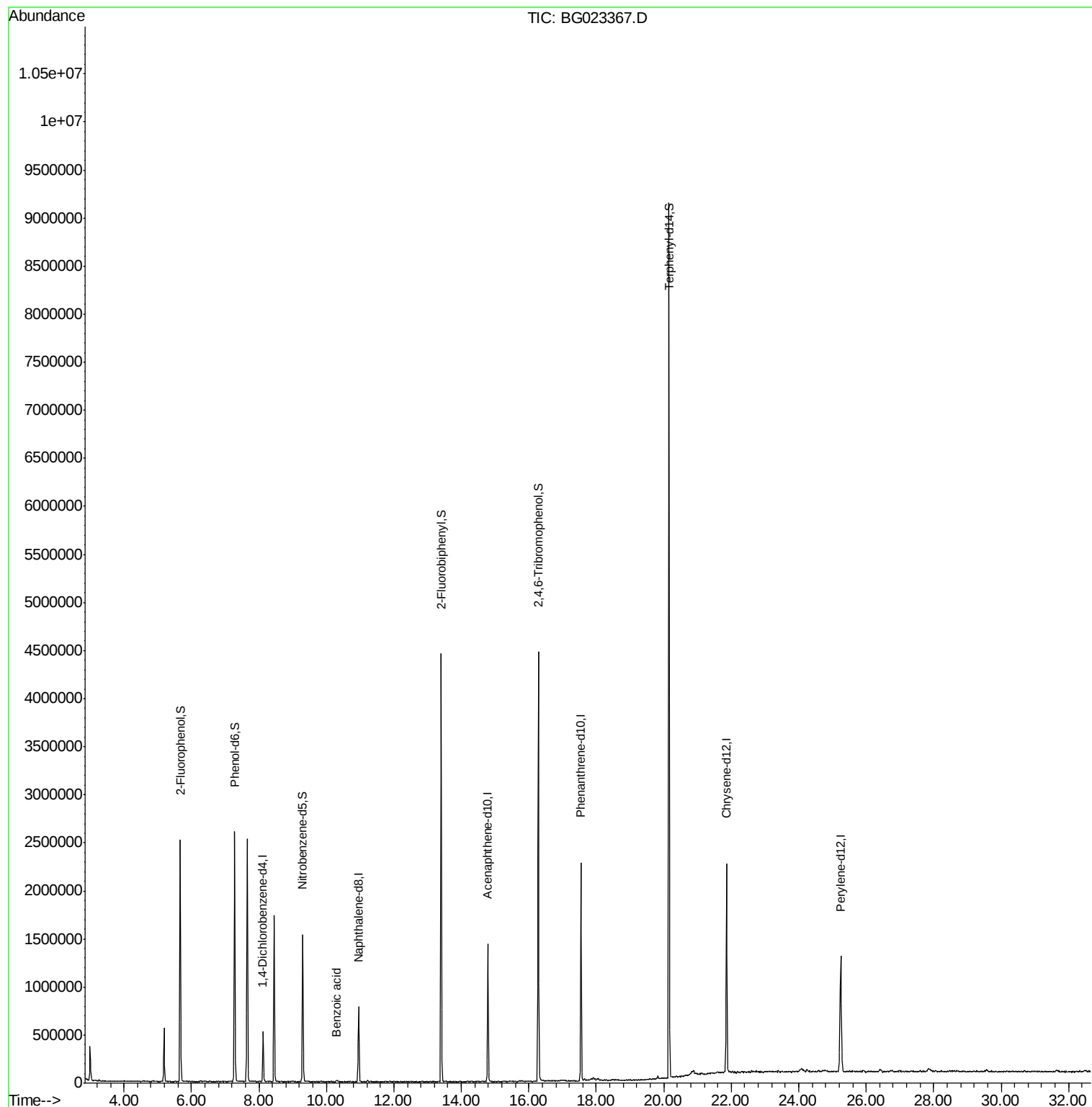
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	146297	20.00	ng	-0.01
21) Naphthalene-d8	10.95	136	668825	20.00	ng	-0.03
38) Acenaphthene-d10	14.79	164	510753	20.00	ng	-0.02
63) Phenanthrene-d10	17.54	188	1393793	20.00	ng	-0.03
75) Chrysene-d12	21.86	240	1318852	20.00	ng	-0.03
86) Perylene-d12	25.24	264	1309105	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	1107748	129.26	ng	0.00
7) Phenol-d6	7.28	99	1618215	123.00	ng	0.00
23) Nitrobenzene-d5	9.30	82	1004311	73.43	ng	-0.01
41) 2,4,6-Tribromophenol	16.28	330	826406	156.33	ng	-0.03
44) 2-Fluorobiphenyl	13.40	172	2244233	82.24	ng	-0.02
78) Terphenyl-d14	20.16	244	3221090	79.39	ng	-0.02
Target Compounds						
32) Benzoic acid	10.28	122	192	8.13	ng	Qvalue # 35

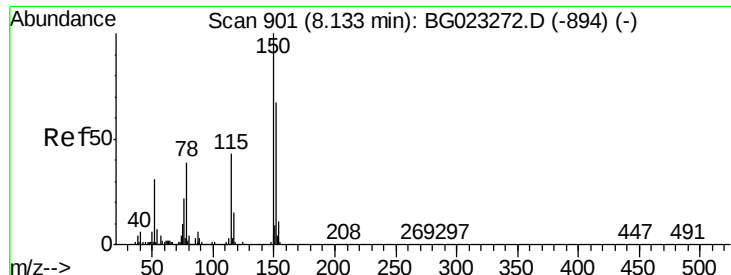
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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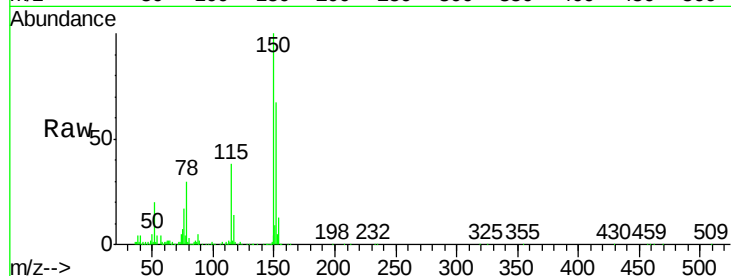


#1

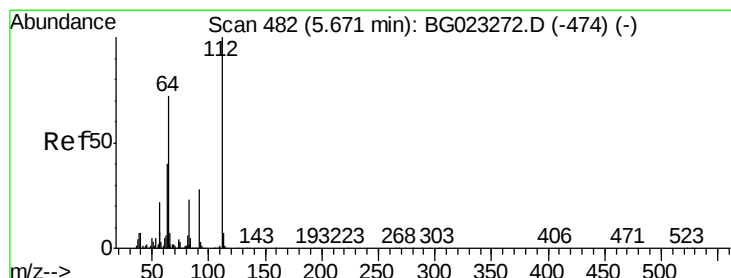
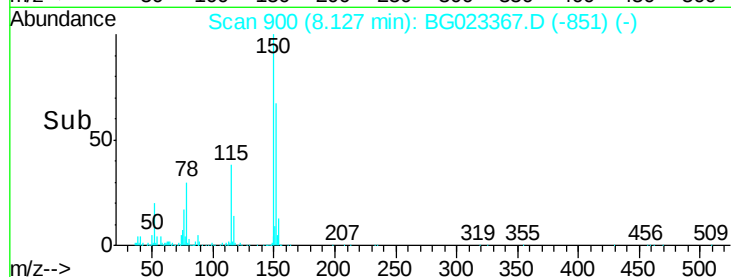
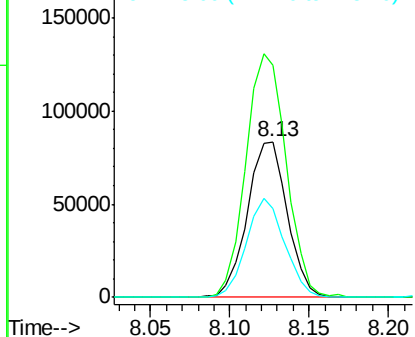
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.13 min Scan# 900
Delta R.T. -0.01 min
Lab File: BG023367.D
Acq: 31 Jul 2016 14:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion	152	Resp	146297
Ion	Ratio	Lower	Upper
152	100		
150	149.0	144.7	217.1
115	56.7	64.0	96.0



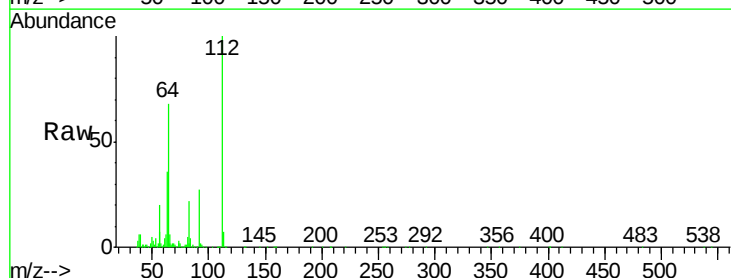
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



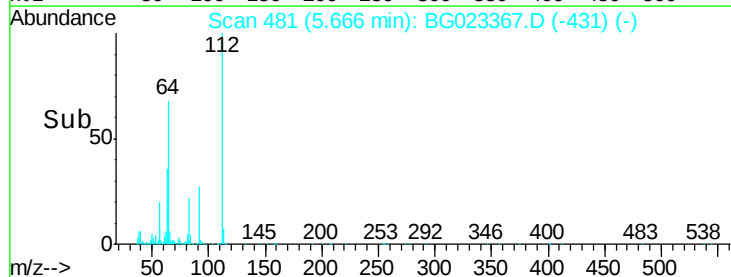
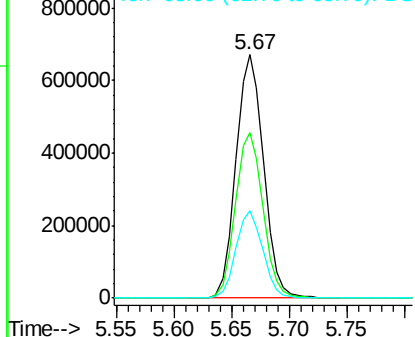
#5

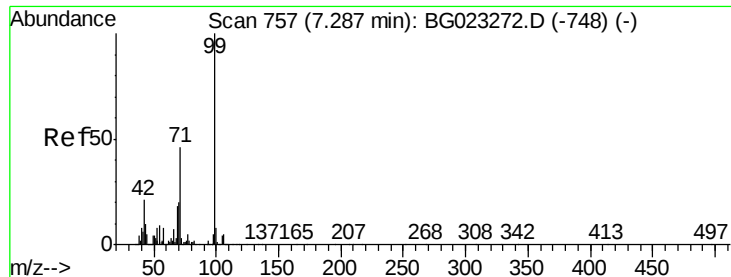
2-Fluorophenol
Concen: 129.26 ng
RT: 5.67 min Scan# 481
Delta R.T. -0.01 min
Lab File: BG023367.D
Acq: 31 Jul 2016 14:14

Tgt Ion	112	Resp	1107748
Ion	Ratio	Lower	Upper
112	100		
64	68.1	59.0	88.4
63	35.9	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: 123.00 ng

RT: 7.28 min Scan# 756

Delta R.T. -0.01 min

Lab File: BG023367.D

Acq: 31 Jul 2016 14:14

Instrument :

BNA_G

ClientSampled :

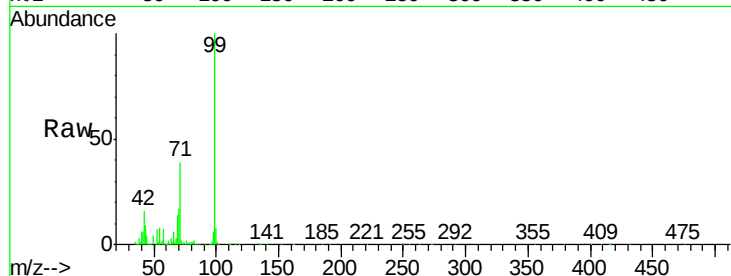
Tot Ion: 99 Resp: 1618215

Ion Ratio Lower Upper

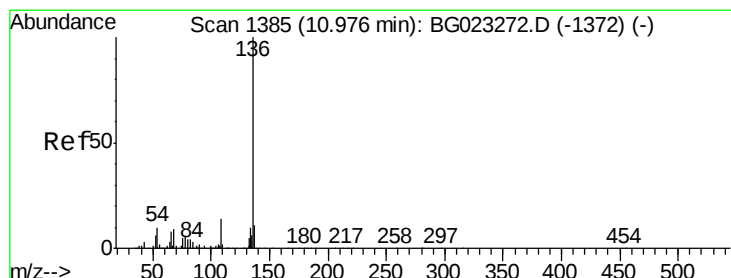
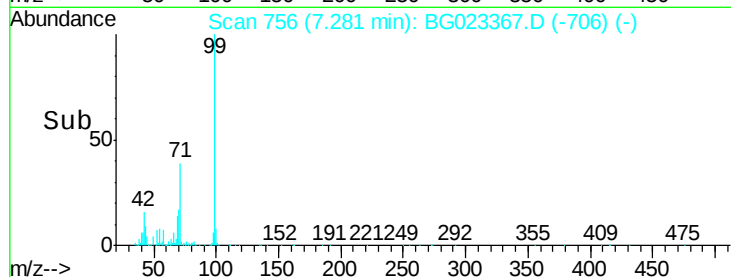
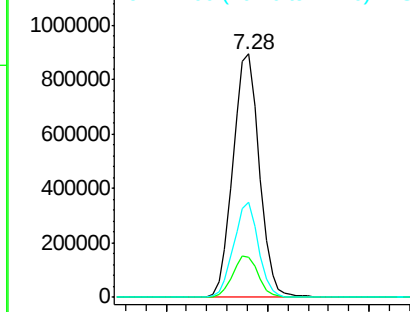
99 100

42 16.5 17.8 26.6#

71 38.9 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. -0.03 min

Lab File: BG023367.D

Acq: 31 Jul 2016 14:14

Tgt Ion: 136 Resp: 668825

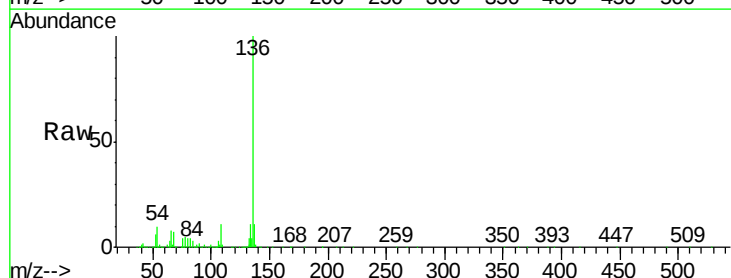
Ion Ratio Lower Upper

136 100

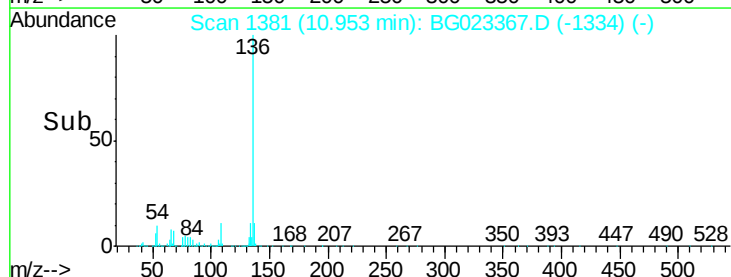
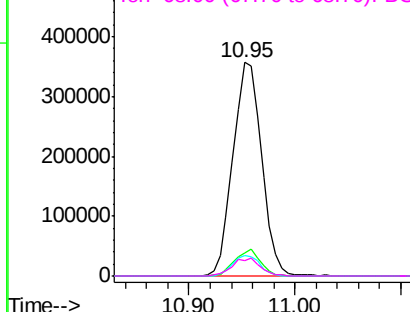
137 11.0 9.6 14.4

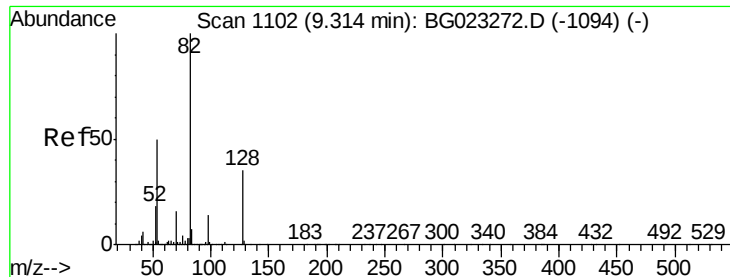
54 9.8 7.3 10.9

68 7.2 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

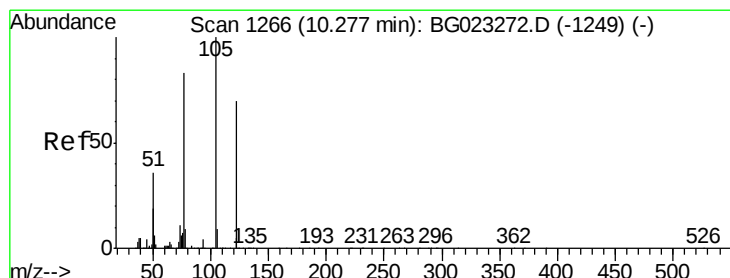
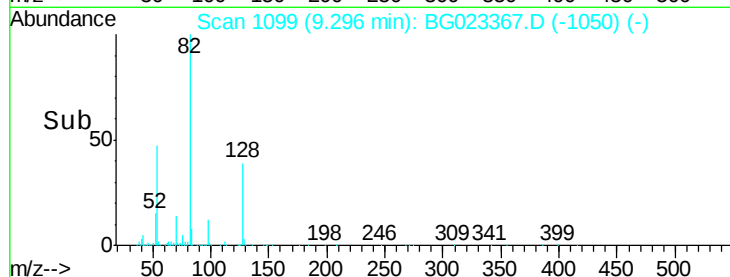
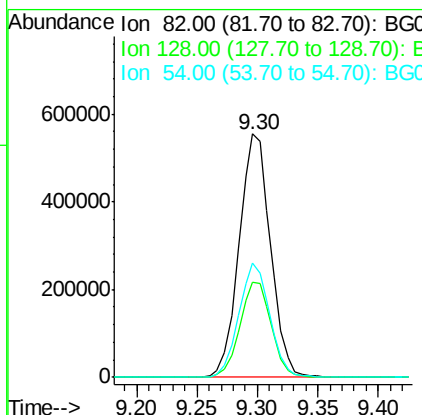
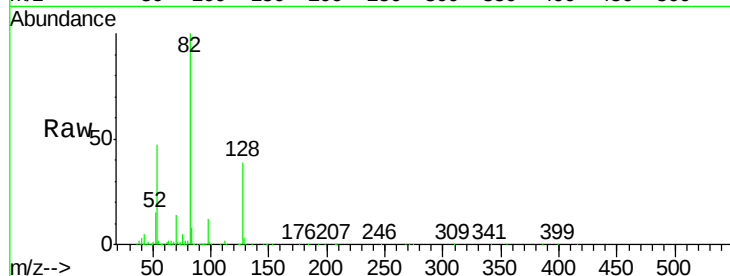




#23
 Nitrobenzene-d5
 Concen: 73.43 ng
 RT: 9.30 min Scan# 1099
 Delta R.T. -0.01 min
 Lab File: BG023367.D
 Acq: 31 Jul 2016 14:14

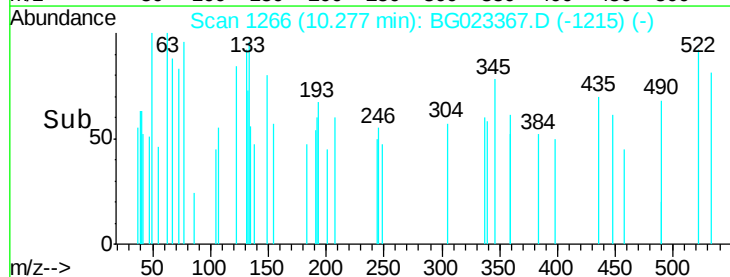
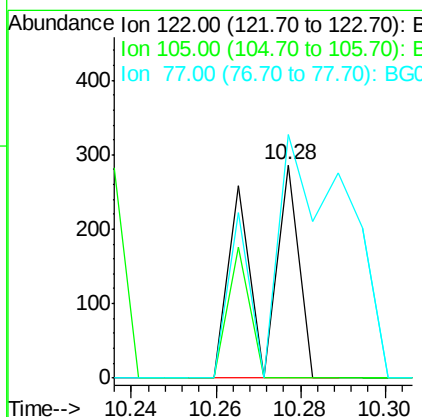
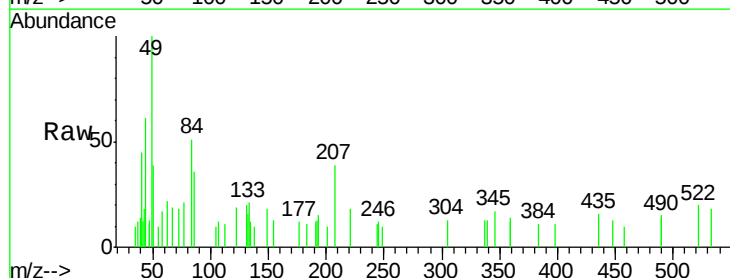
Instrument :
 BNA_G
 ClientSampleId :

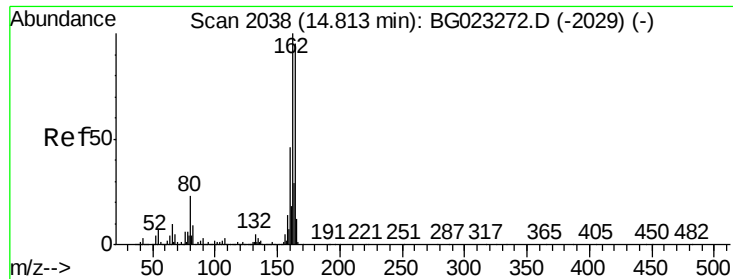
Tot Ion: 82 Resp: 1004311
 Ion Ratio Lower Upper
 82 100
 128 39.2 24.4 36.6#
 54 46.7 41.4 62.0



#32
 Benzoic acid
 Concen: 8.13 ng
 RT: 10.28 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: BG023367.D
 Acq: 31 Jul 2016 14:14

Tgt Ion: 122 Resp: 192
 Ion Ratio Lower Upper
 122 100
 105 0.0 117.2 157.2#
 77 114.3 109.2 149.2

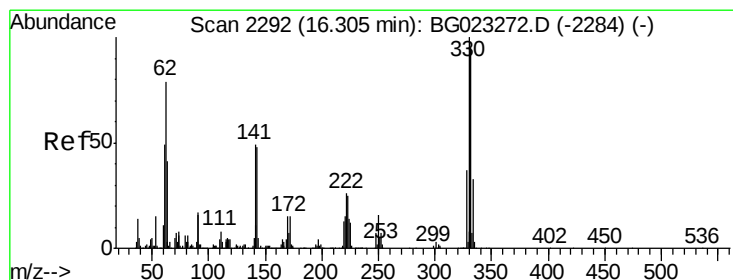
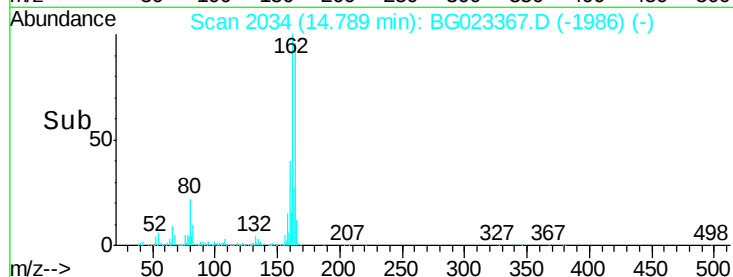
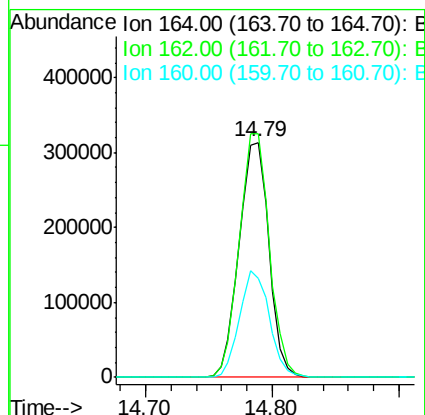
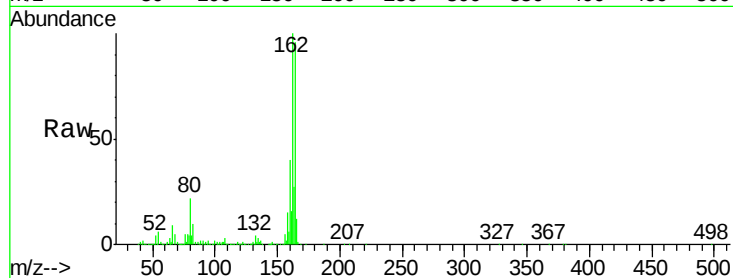




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.79 min Scan# 2034
Delta R.T. -0.02 min
Lab File: BG023367.D
Acq: 31 Jul 2016 14:14

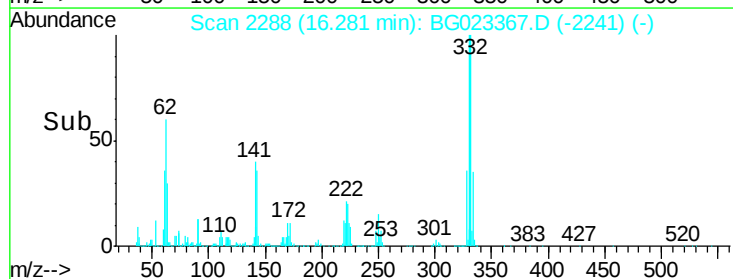
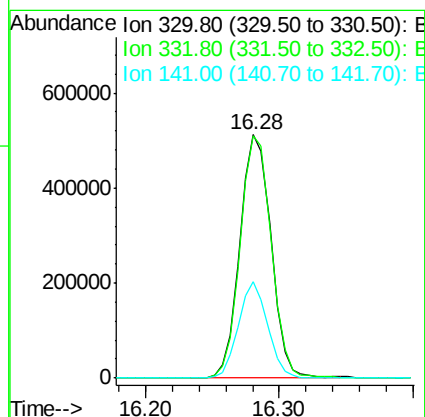
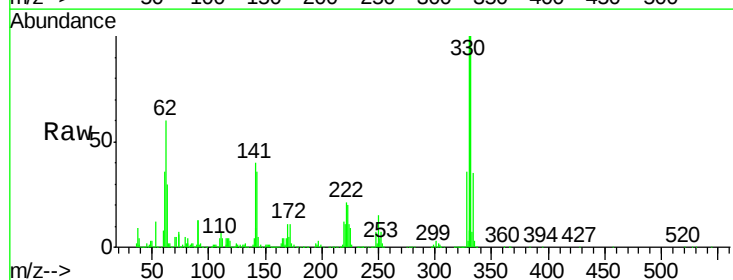
Instrument :
BNA_G
ClientSampleId :

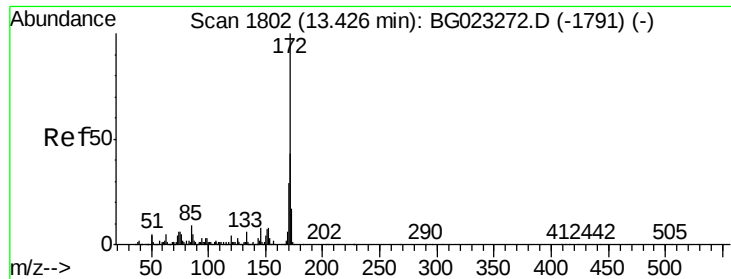
Tot Ion:164 Resp: 510753
Ion Ratio Lower Upper
164 100
162 103.8 87.7 131.5
160 41.9 37.2 55.8



#41
2,4,6-Tribromophenol
Concen: 156.33 ng
RT: 16.28 min Scan# 2288
Delta R.T. -0.03 min
Lab File: BG023367.D
Acq: 31 Jul 2016 14:14

Tgt Ion:330 Resp: 826406
Ion Ratio Lower Upper
330 100
332 99.4 77.4 116.2
141 37.2 31.7 47.5





#44

2-Fluorobiphenyl

Concen: 82.24 ng

RT: 13.40 min Scan# 1798

Delta R.T. -0.02 min

Lab File: BG023367.D

Acq: 31 Jul 2016 14:14

Instrument :

BNA_G

ClientSampleId :

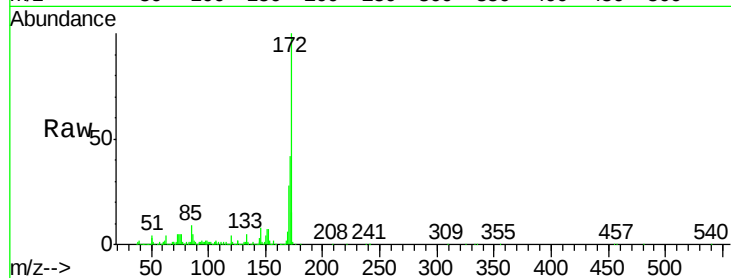
Tot Ion:172 Resp: 2244233

Ion Ratio Lower Upper

172 100

171 42.1 31.6 47.4

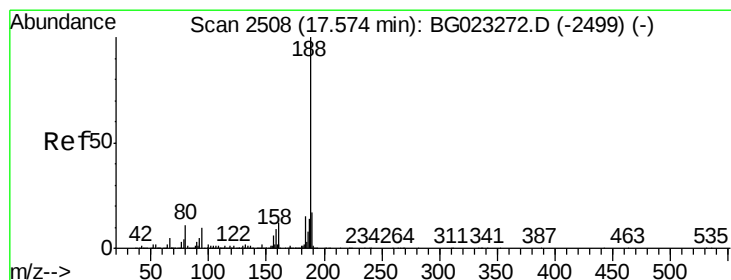
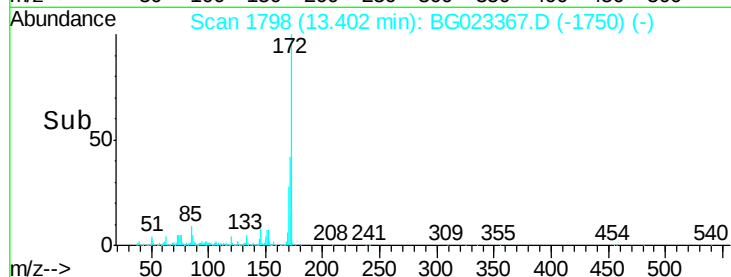
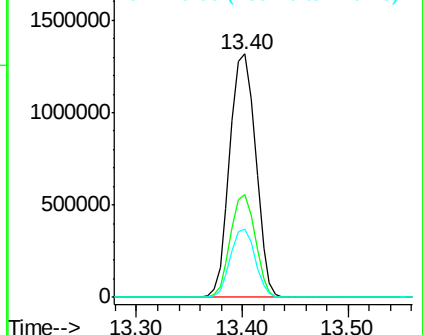
170 27.8 21.3 31.9



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.54 min Scan# 2503

Delta R.T. -0.03 min

Lab File: BG023367.D

Acq: 31 Jul 2016 14:14

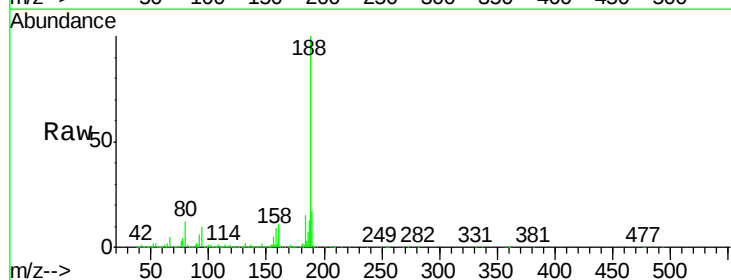
Tgt Ion:188 Resp: 1393793

Ion Ratio Lower Upper

188 100

94 10.2 5.2 7.8#

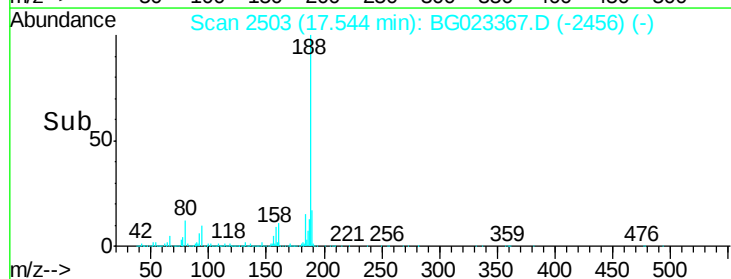
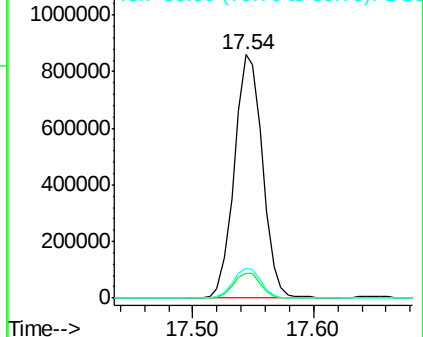
80 12.4 7.2 10.8#

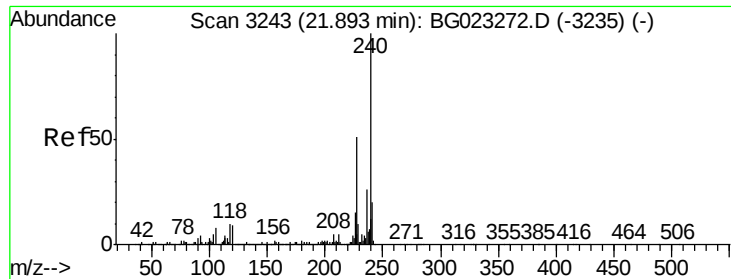


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG023367.D

Acq: 31 Jul 2016 14:14

Instrument :

BNA_G

ClientSampleId :

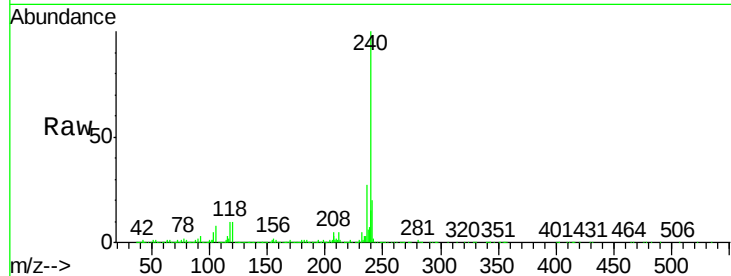
Tot Ion:240 Resp: 1318852

Ion Ratio Lower Upper

240 100

120 10.1 4.1 6.1#

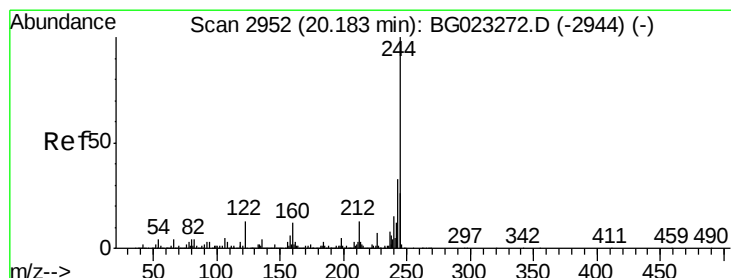
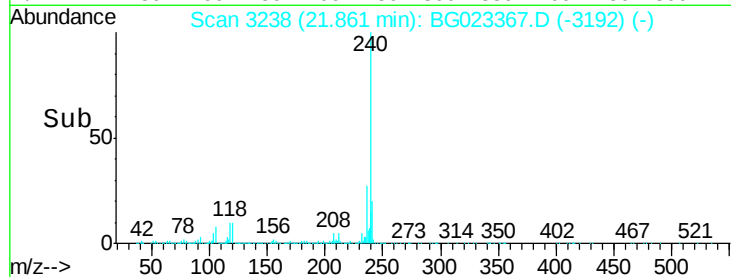
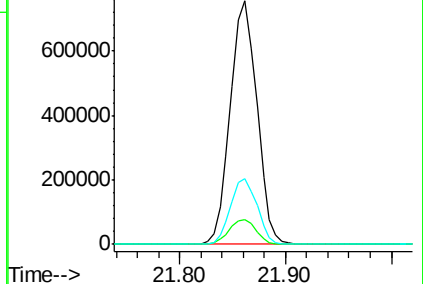
236 27.0 21.1 31.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 79.39 ng

RT: 20.16 min Scan# 2948

Delta R.T. -0.02 min

Lab File: BG023367.D

Acq: 31 Jul 2016 14:14

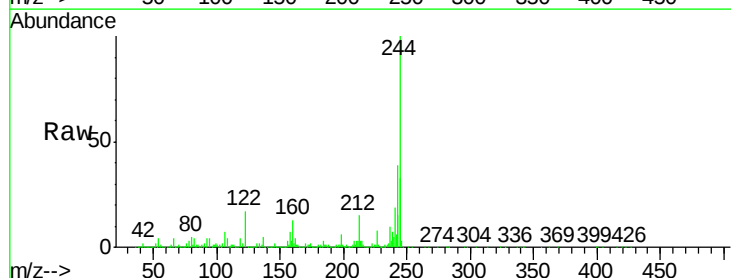
Tgt Ion:244 Resp: 3221090

Ion Ratio Lower Upper

244 100

212 14.8 10.8 16.2

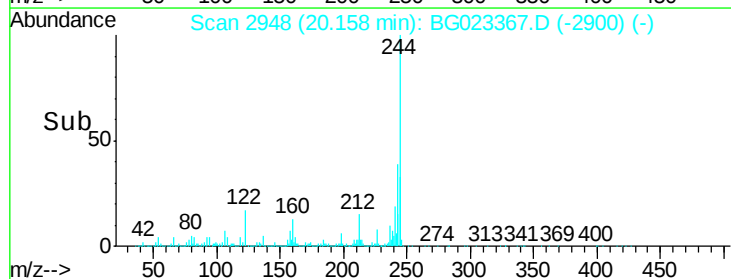
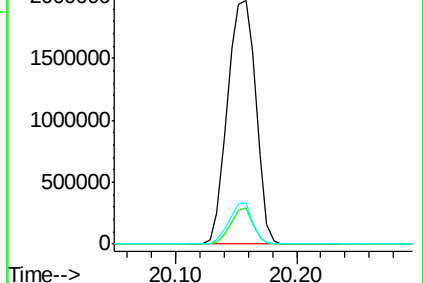
122 16.8 8.0 12.0#

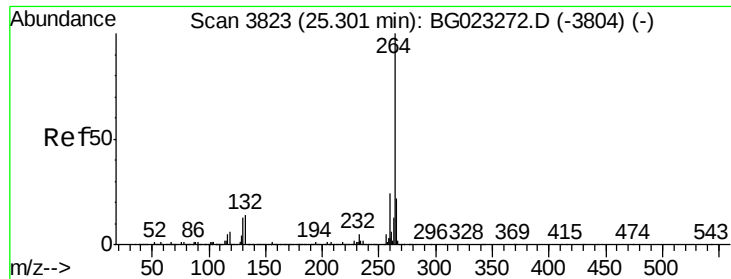


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.24 min Scan# 3813
 Delta R.T. -0.06 min
 Lab File: BG023367.D
 Acq: 31 Jul 2016 14:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:264 Resp: 1309105
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.4 27.6
 265 23.6 18.9 28.3

