

Data Path : Z:\HPCHEM1\BNA_G\Data\BG072916\
 Data File : BG023336.D
 Acq On : 29 Jul 2016 11:44
 Operator : UM/SJ
 Sample : H4213-21
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 I-1

Quant Time: Jul 29 13:36:18 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

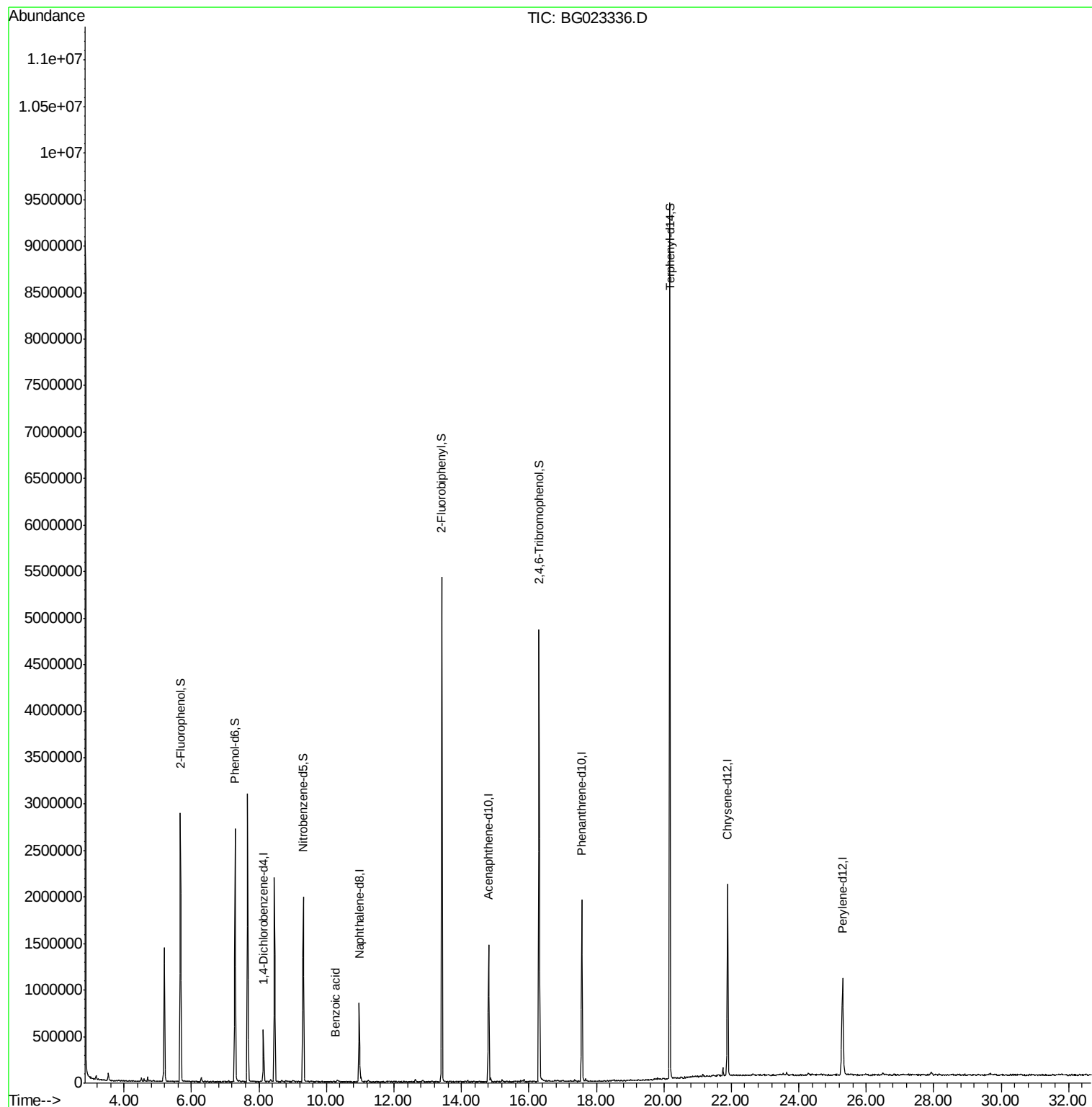
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	154446	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	717168	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	496345	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1185494	20.00	ng	0.00
75) Chrysene-d12	21.89	240	1193290	20.00	ng	0.00
86) Perylene-d12	25.29	264	1199144	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	1223198	135.20	ng	0.00
7) Phenol-d6	7.29	99	1688239	121.55	ng	0.00
23) Nitrobenzene-d5	9.31	82	1280895	87.34	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	862304	167.85	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2586918	97.55	ng	0.00
78) Terphenyl-d14	20.18	244	3271318	89.12	ng	0.00
Target Compounds						
32) Benzoic acid	10.27	122	81	8.12	ng	Qvalue # 1

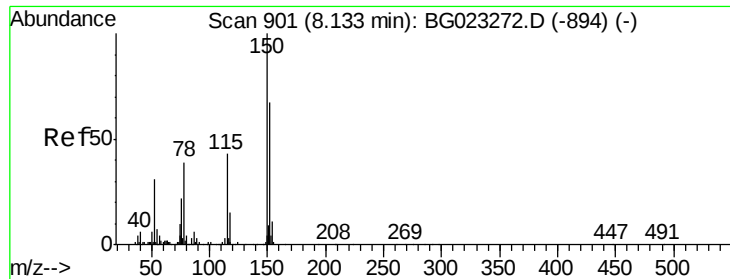
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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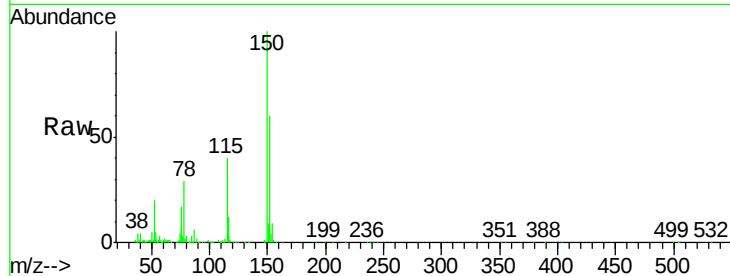


#1

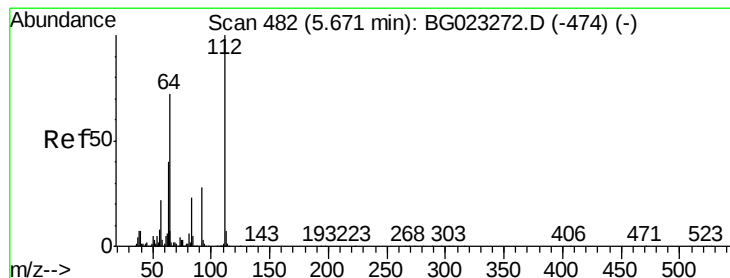
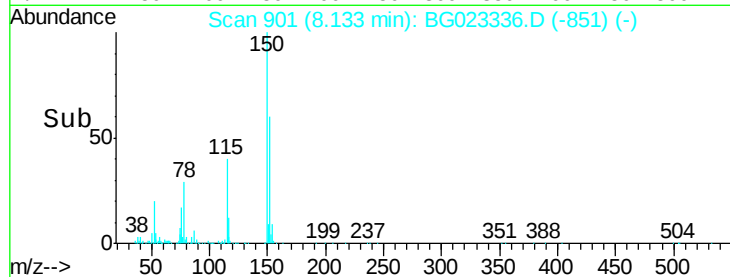
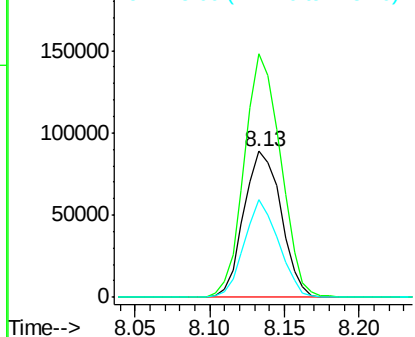
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.13 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: BG023336.D
 Acq: 29 Jul 2016 11:44

Instrument :
 BNA_G
 ClientSampleId :
 I-1

Tgt Ion	Ratio	Lower	Upper
152	100		
150	167.0	144.7	217.1
115	66.7	64.0	96.0



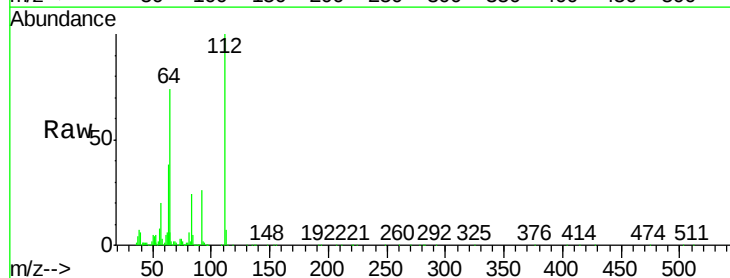
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



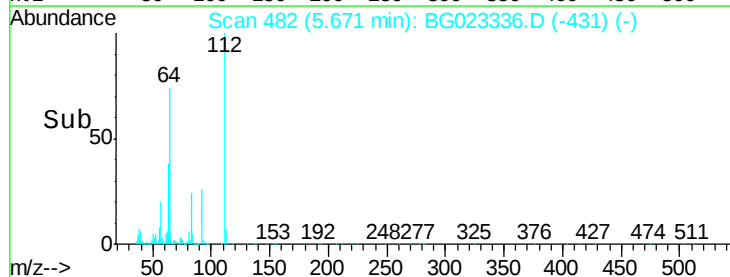
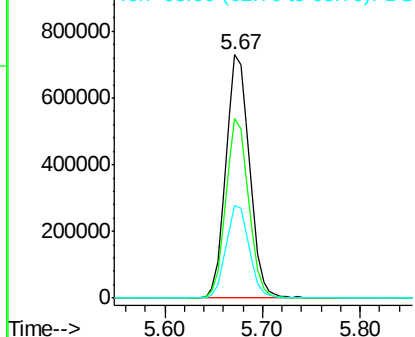
#5

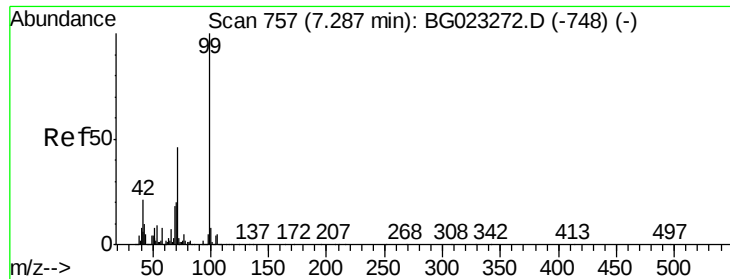
2-Fluorophenol
 Concen: 135.20 ng
 RT: 5.67 min Scan# 482
 Delta R.T. -0.00 min
 Lab File: BG023336.D
 Acq: 29 Jul 2016 11:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.9	59.0	88.4
63	38.0	37.8	56.8



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG
 Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 121.55 ng

RT: 7.29 min Scan# 758

Delta R.T. 0.00 min

Lab File: BG023336.D

Acq: 29 Jul 2016 11:44

Instrument :

BNA_G

ClientSampleId :

I-1

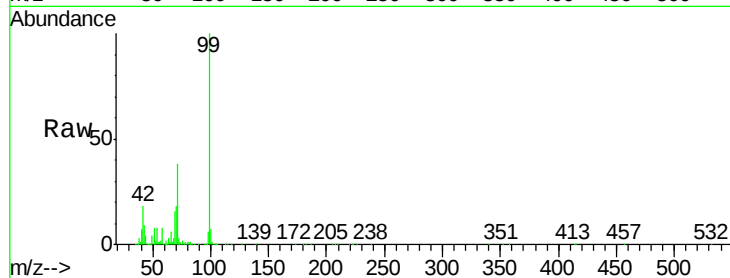
Tgt Ion: 99 Resp: 1688239

Ion Ratio Lower Upper

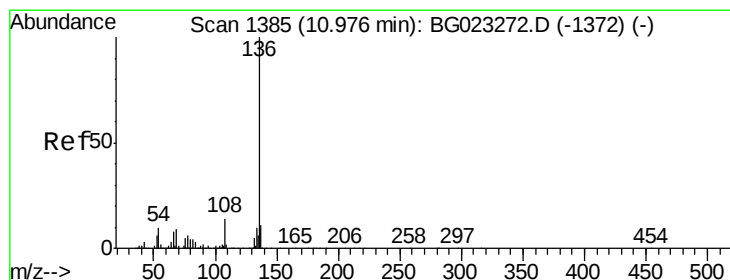
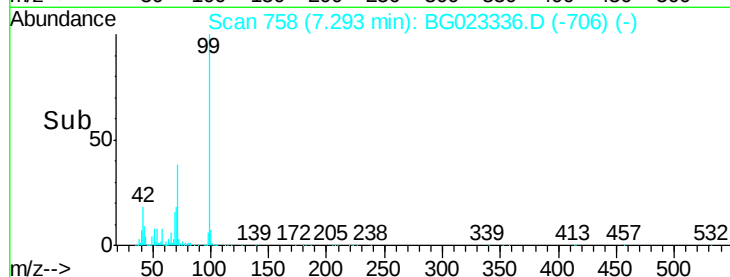
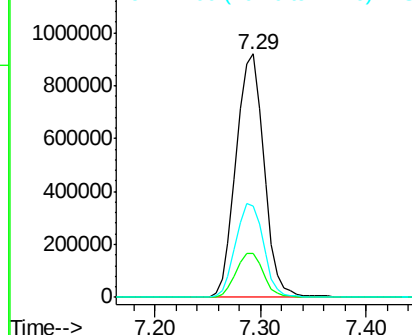
99 100

42 18.2 17.8 26.6

71 37.6 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: BG023336.D

Acq: 29 Jul 2016 11:44

Tgt Ion: 136 Resp: 717168

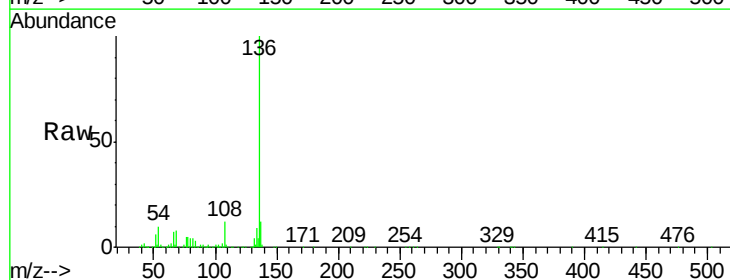
Ion Ratio Lower Upper

136 100

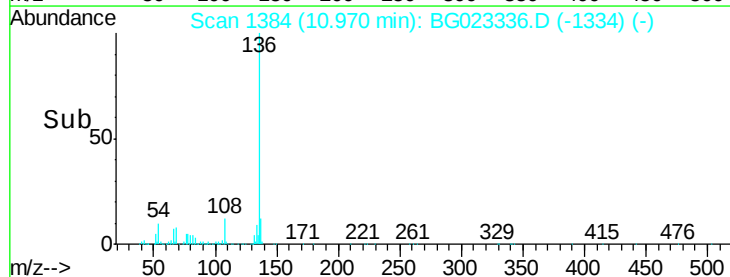
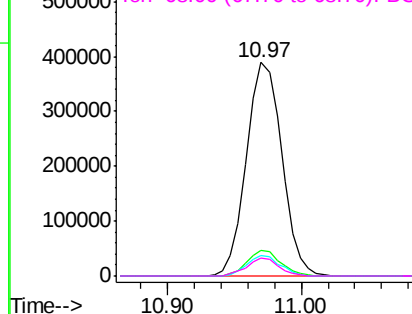
137 11.8 9.6 14.4

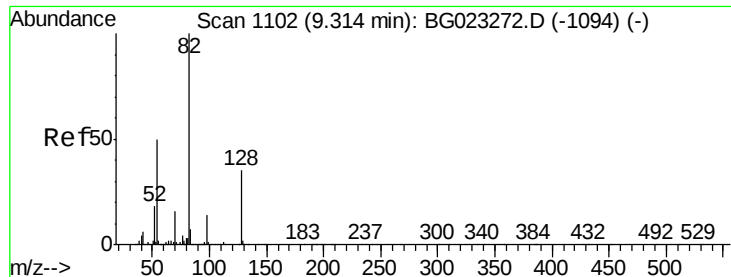
54 9.7 7.3 10.9

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

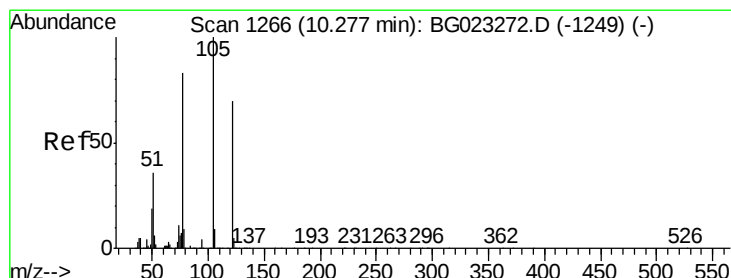
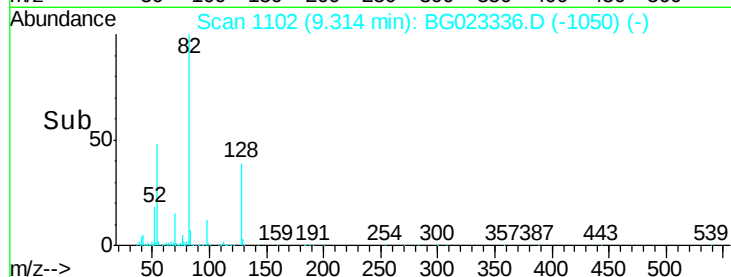
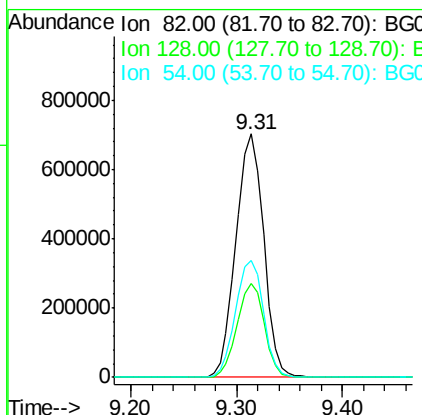
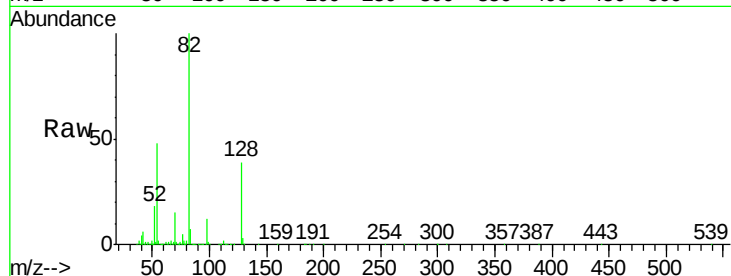




#23
 Nitrobenzene-d5
 Concen: 87.34 ng
 RT: 9.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BG023336.D
 Acq: 29 Jul 2016 11:44

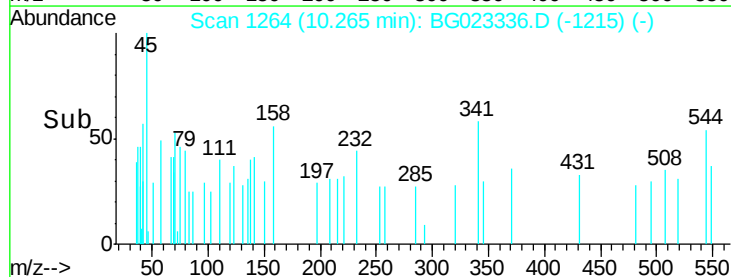
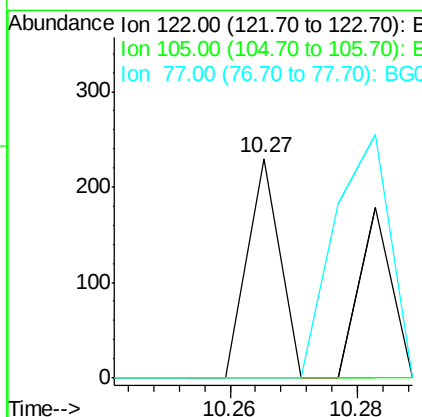
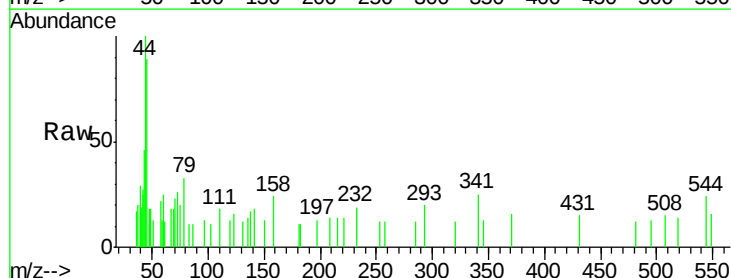
Instrument :
 BNA_G
 ClientSampleId :
 I-1

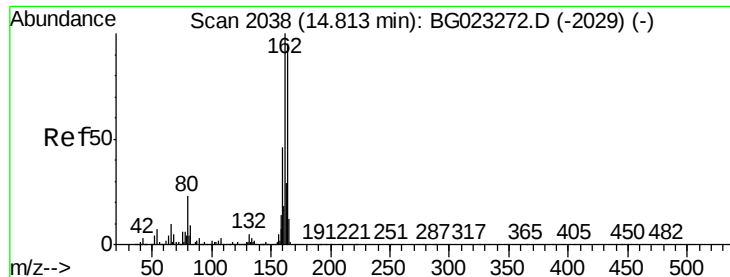
Tgt Ion: 82 Resp: 1280895
 Ion Ratio Lower Upper
 82 100
 128 38.8 24.4 36.6#
 54 47.9 41.4 62.0



#32
 Benzoic acid
 Concen: 8.12 ng
 RT: 10.27 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: BG023336.D
 Acq: 29 Jul 2016 11:44

Tgt Ion: 122 Resp: 81
 Ion Ratio Lower Upper
 122 100
 105 0.0 117.2 157.2#
 77 0.0 109.2 149.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.81 min Scan# 2037

Delta R.T. -0.00 min

Lab File: BG023336.D

Acq: 29 Jul 2016 11:44

Instrument :

BNA_G

ClientSampleId :

I-1

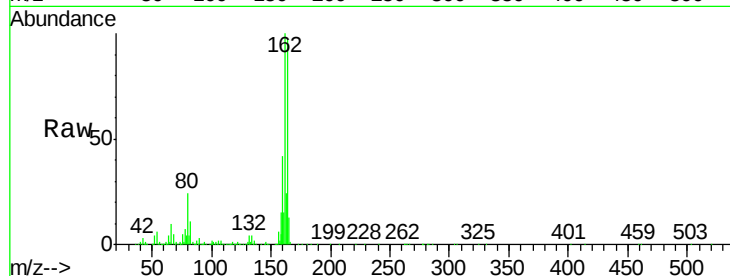
Tgt Ion:164 Resp: 496345

Ion Ratio Lower Upper

164 100

162 102.7 87.7 131.5

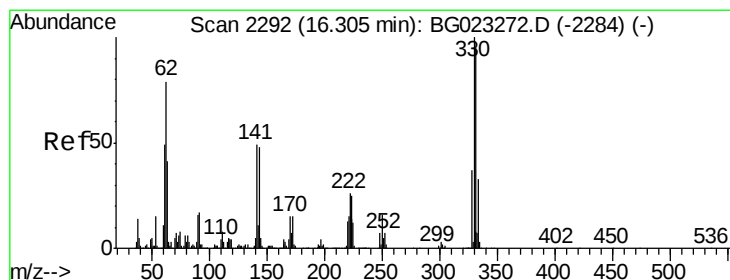
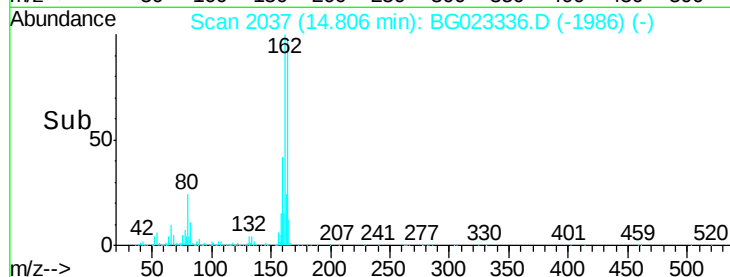
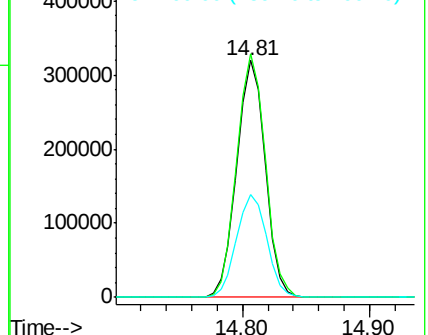
160 43.3 37.2 55.8



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: 167.85 ng

RT: 16.30 min Scan# 2292

Delta R.T. -0.00 min

Lab File: BG023336.D

Acq: 29 Jul 2016 11:44

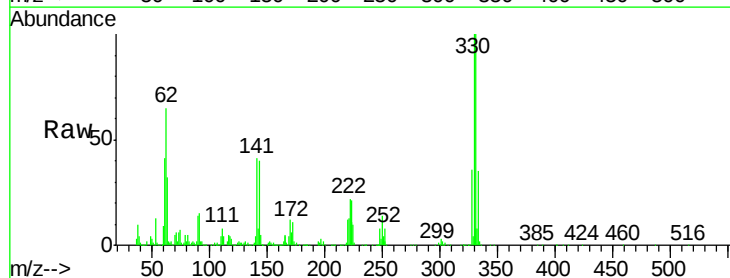
Tgt Ion:330 Resp: 862304

Ion Ratio Lower Upper

330 100

332 100.0 77.4 116.2

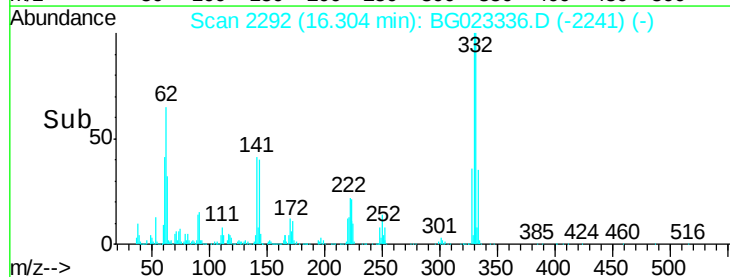
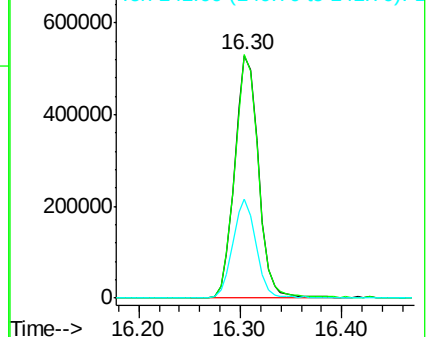
141 39.9 31.7 47.5

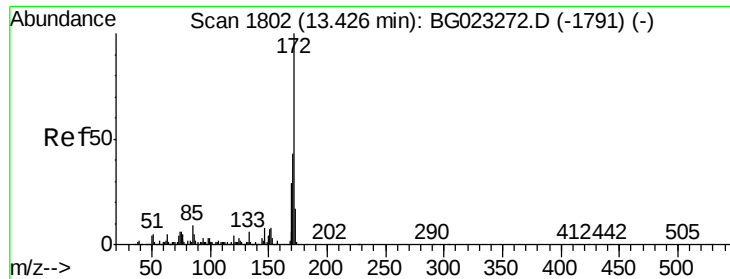


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

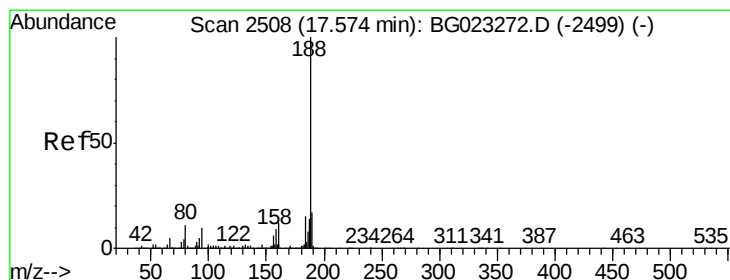
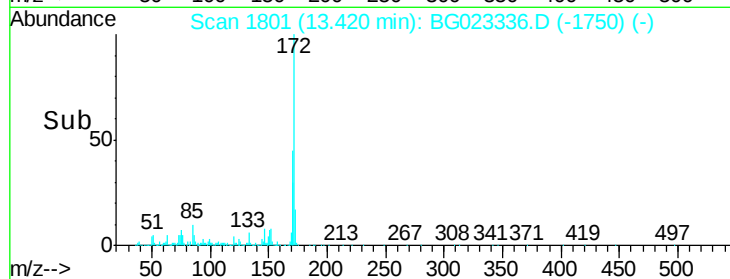
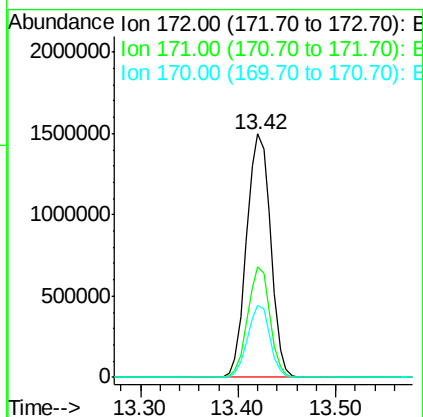
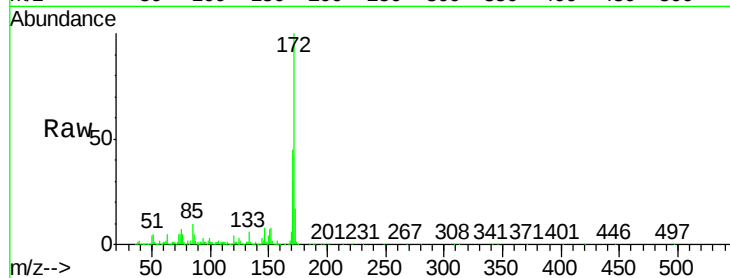




#44
2-Fluorobiphenyl
Concen: 97.55 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BG023336.D
Acq: 29 Jul 2016 11:44

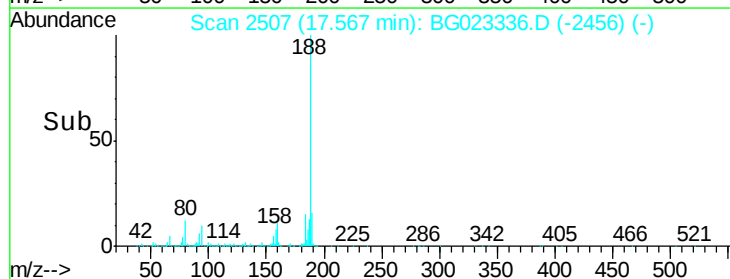
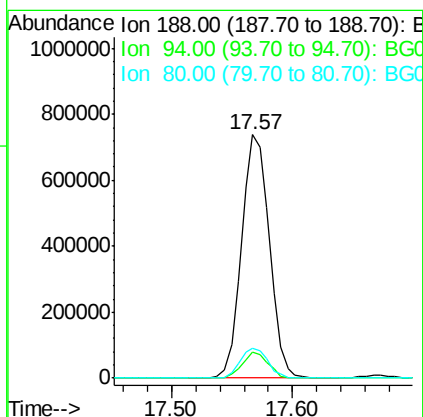
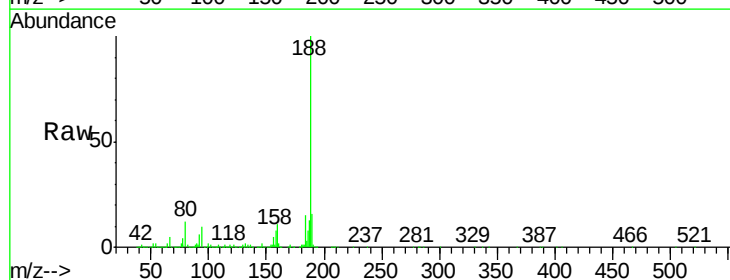
Instrument :
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ClientSampleId :
I-1

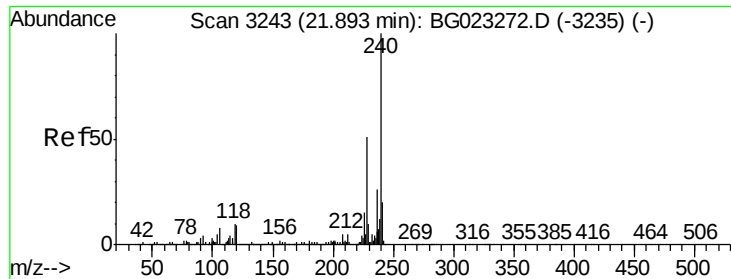
Tgt Ion:172 Resp: 2586918
Ion Ratio Lower Upper
172 100
171 45.1 31.6 47.4
170 29.7 21.3 31.9



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 2507
Delta R.T. -0.00 min
Lab File: BG023336.D
Acq: 29 Jul 2016 11:44

Tgt Ion:188 Resp: 1185494
Ion Ratio Lower Upper
188 100
94 10.5 5.2 7.8#
80 12.3 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: BG023336.D

Acq: 29 Jul 2016 11:44

Instrument :

BNA_G

ClientSampleId :

I-1

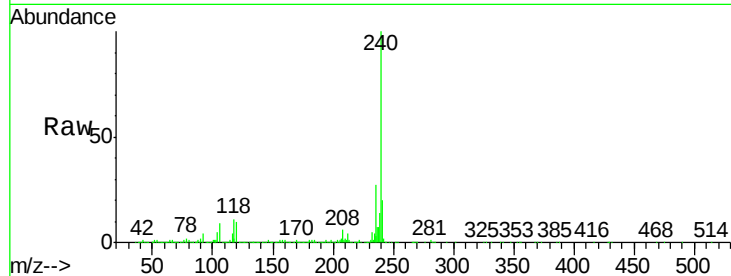
Tgt Ion:240 Resp: 1193290

Ion Ratio Lower Upper

240 100

120 10.5 4.1 6.1#

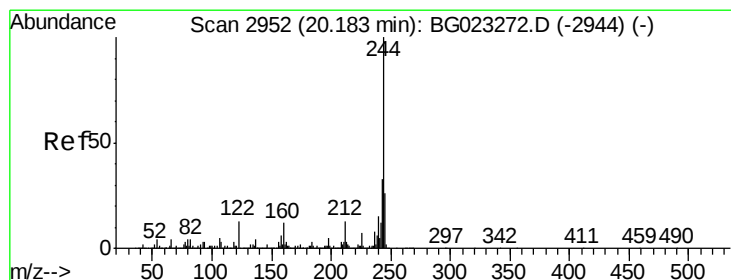
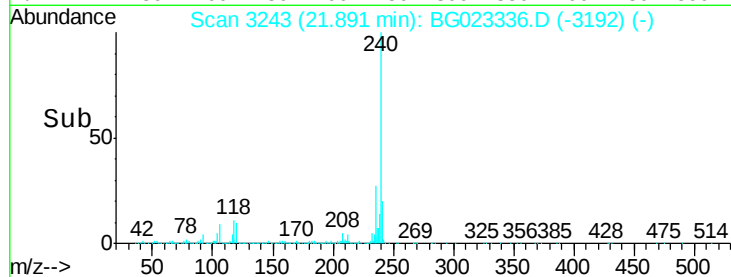
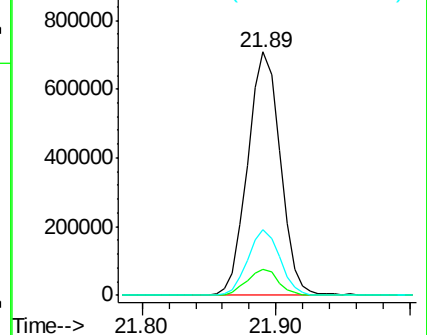
236 27.1 21.1 31.7



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: 89.12 ng

RT: 20.18 min Scan# 2952

Delta R.T. 0.00 min

Lab File: BG023336.D

Acq: 29 Jul 2016 11:44

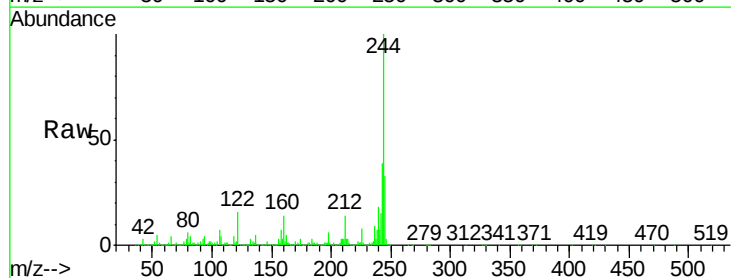
Tgt Ion:244 Resp: 3271318

Ion Ratio Lower Upper

244 100

212 14.4 10.8 16.2

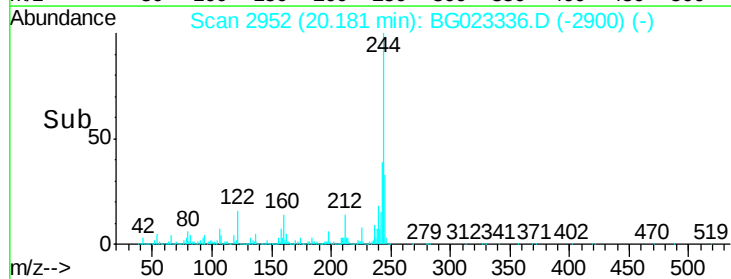
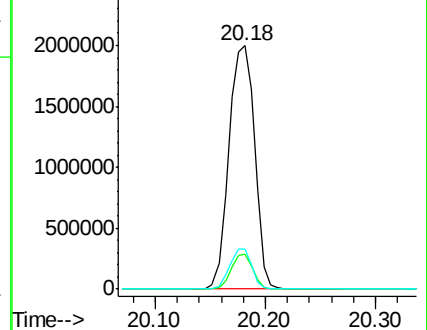
122 16.3 8.0 12.0#

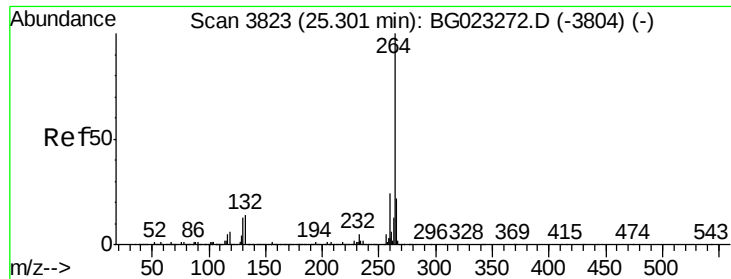


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.29 min Scan# 3822
Delta R.T. -0.01 min
Lab File: BG023336.D
Acq: 29 Jul 2016 11:44

Instrument :
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ClientSampleId :
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Tgt Ion:264 Resp: 1199144

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.4	27.6
265	19.5	18.9	28.3

