

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
 Data File : BG022913.D
 Acq On : 8 Jul 2016 2:43
 Operator : UM/SJ
 Sample : H3841-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-1

Quant Time: Jul 08 04:34:32 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 16:51:07 2016
 Response via : Initial Calibration

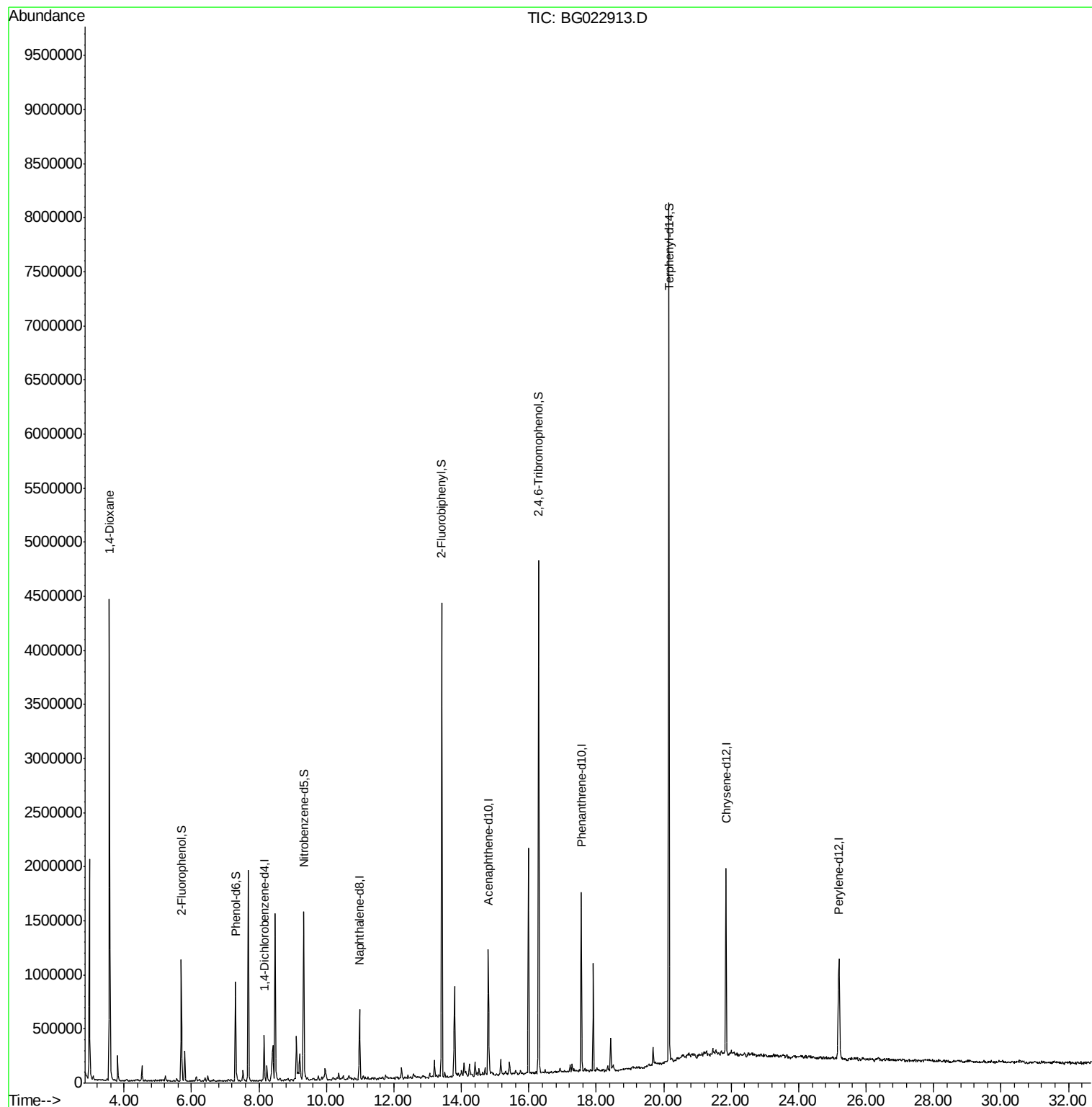
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	108301	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	508414	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	404463	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	1006249	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1043934	20.00	ng	0.00
86) Perylene-d12	25.19	264	1085777	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	450992	68.11	ng	0.00
7) Phenol-d6	7.30	99	523298	50.46	ng	0.00
23) Nitrobenzene-d5	9.33	82	1007108	84.82	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	918836	126.40	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2144453	83.51	ng	0.00
78) Terphenyl-d14	20.15	244	2913896	90.89	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.57	88	2360677	917.17	ng	Qvalue 96

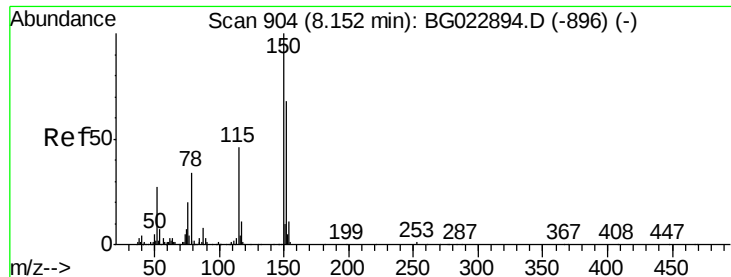
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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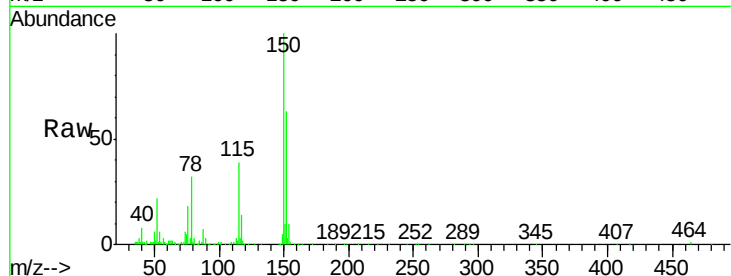


#1

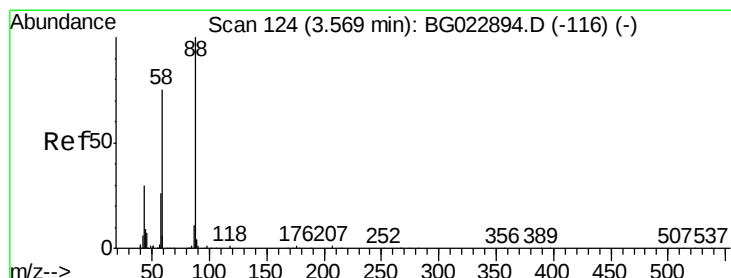
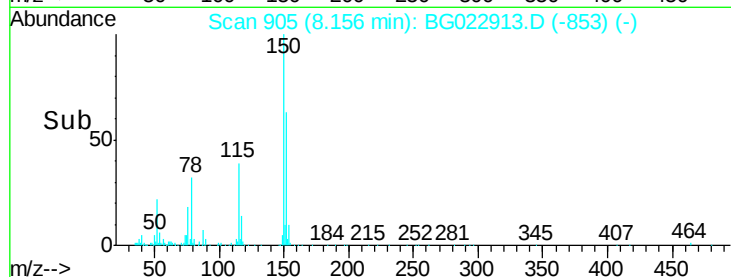
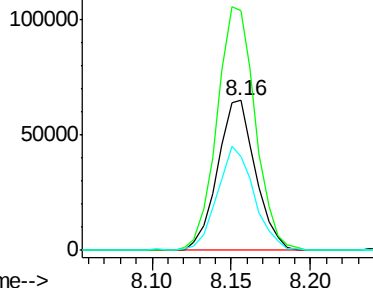
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 905
Delta R.T. 0.00 min
Lab File: BG022913.D
Acq: 8 Jul 2016 2:43

Instrument :
BNA_G
ClientSampled :
MW-1

Tot Ion:152 Resp: 108301
Ion Ratio Lower Upper
152 100
150 159.8 144.7 217.1
115 62.9 64.0 96.0#



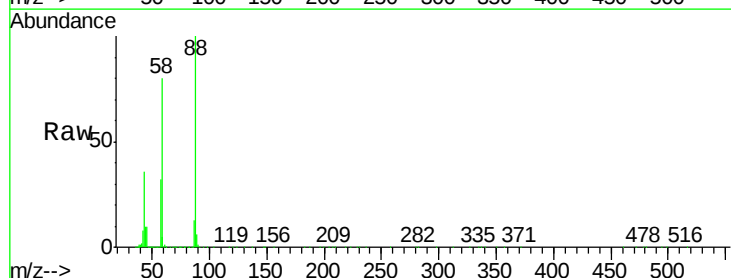
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



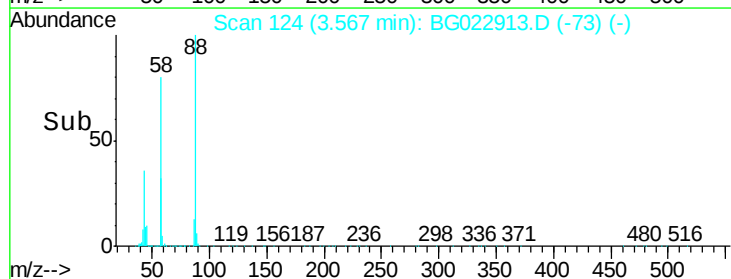
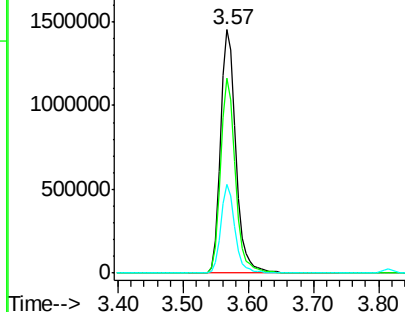
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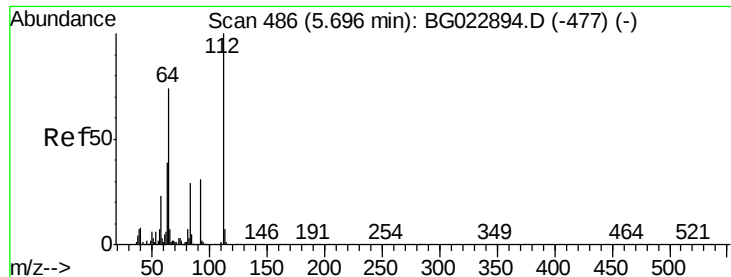
1,4-Dioxane
Concen: 917.17 ng
RT: 3.57 min Scan# 124
Delta R.T. -0.00 min
Lab File: BG022913.D
Acq: 8 Jul 2016 2:43

Tgt Ion: 88 Resp: 2360677
Ion Ratio Lower Upper
88 100
58 77.6 60.4 90.6
43 33.9 31.1 46.7



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 68.11 ng

RT: 5.70 min Scan# 487

Delta R.T. 0.00 min

Lab File: BG022913.D

Acq: 8 Jul 2016 2:43

Instrument :

BNA_G

ClientSampleId :

MW-1

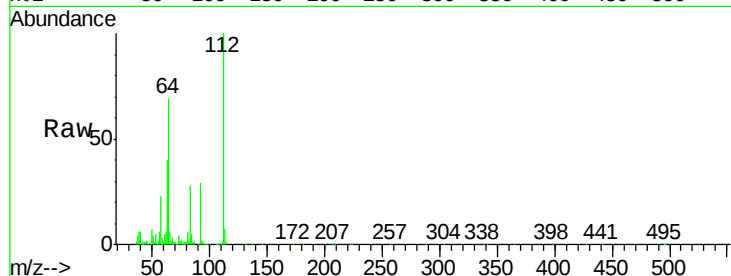
Tot Ion: 112 Resp: 450992

Ion Ratio Lower Upper

112 100

64 68.9 59.0 88.4

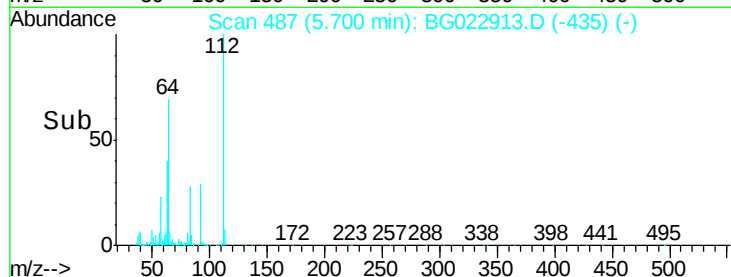
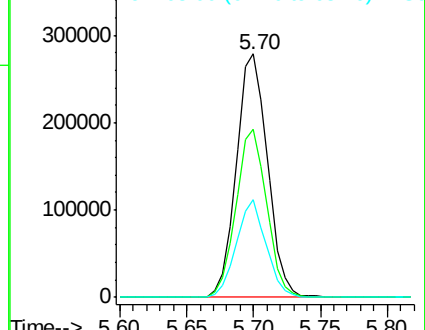
63 40.0 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 50.46 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG022913.D

Acq: 8 Jul 2016 2:43

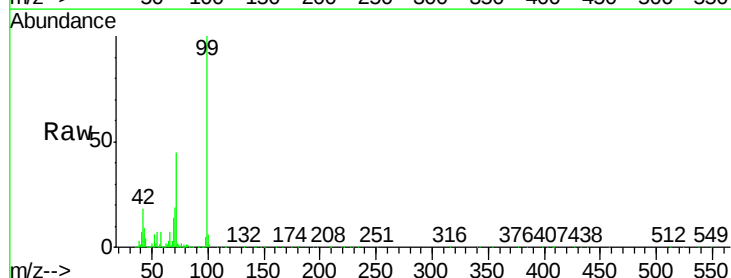
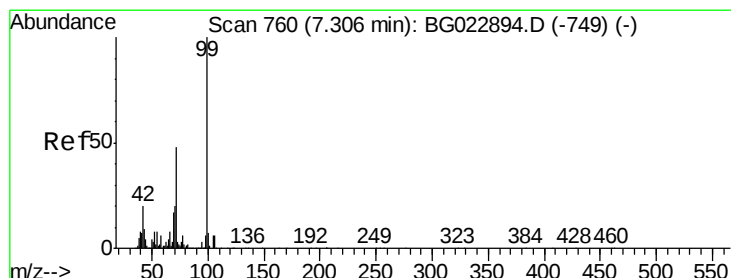
Tgt Ion: 99 Resp: 523298

Ion Ratio Lower Upper

99 100

42 18.0 17.8 26.6

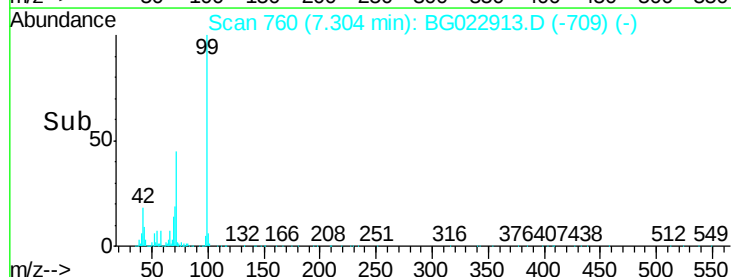
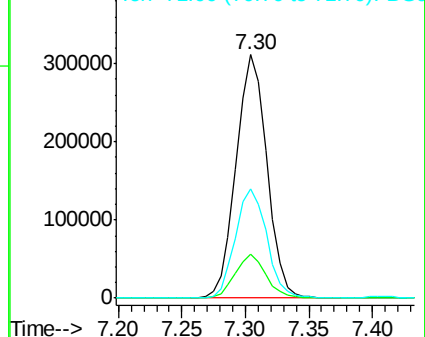
71 44.8 41.5 62.3

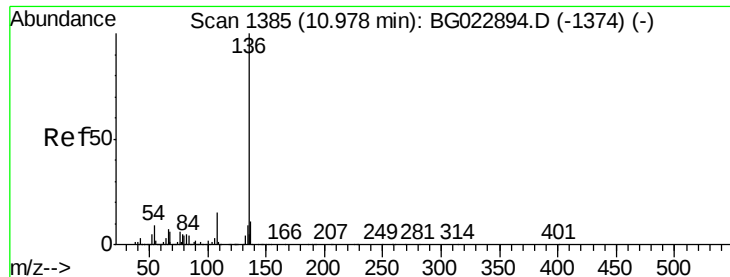


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC

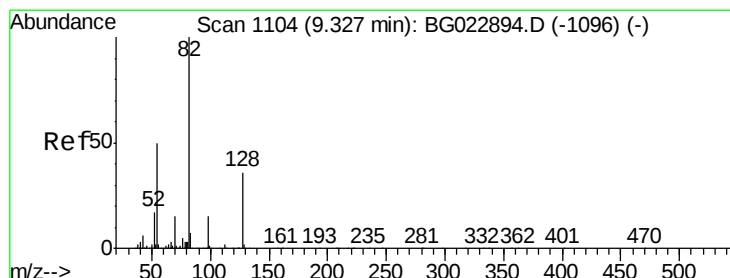
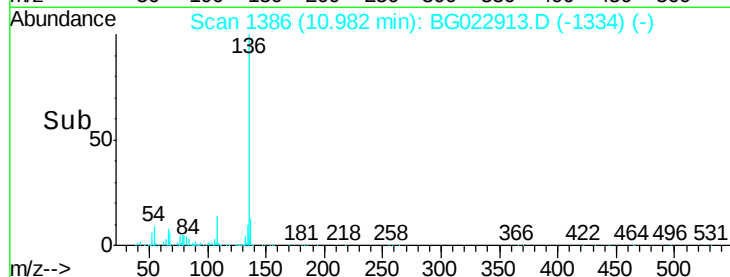
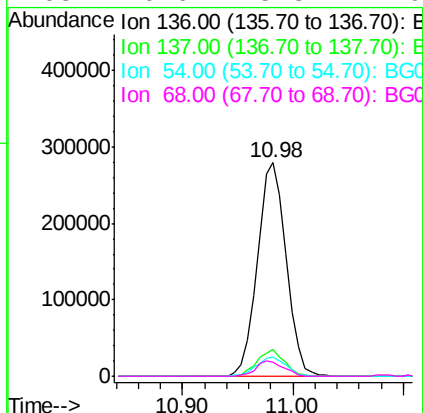
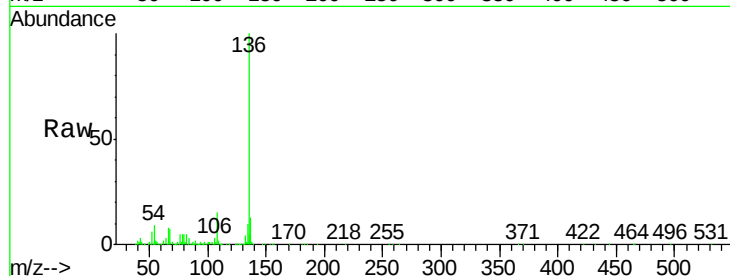




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BG022913.D
Acq: 8 Jul 2016 2:43

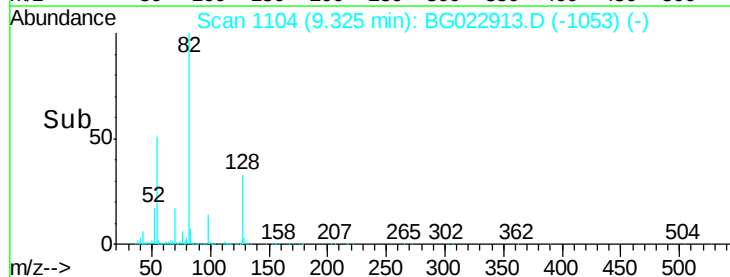
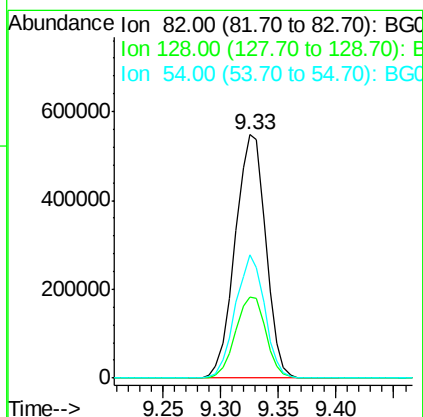
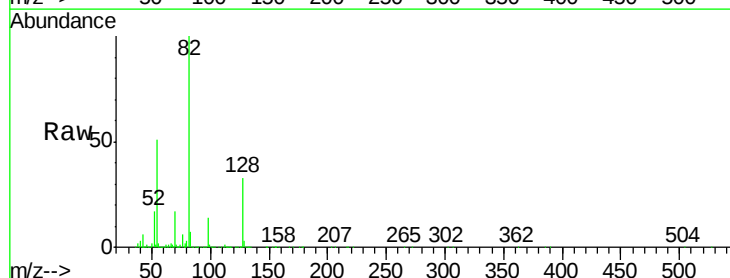
Instrument :
BNA_G
ClientSampleId :
MW-1

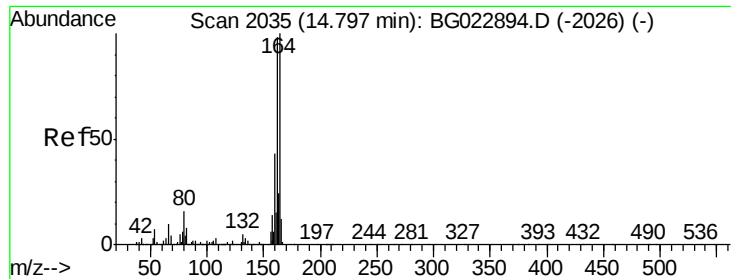
Tot Ion:136	Resp: 508414
Ion Ratio	Lower Upper
136 100	
137 12.5	9.6 14.4
54 9.2	7.3 10.9
68 6.6	5.3 7.9



#23
Nitrobenzene-d5
Concen: 84.82 ng
RT: 9.33 min Scan# 1104
Delta R.T. -0.00 min
Lab File: BG022913.D
Acq: 8 Jul 2016 2:43

Tgt Ion: 82	Resp: 1007108
Ion Ratio	Lower Upper
82 100	
128 33.4	24.4 36.6
54 50.6	41.4 62.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BG022913.D

Acq: 8 Jul 2016 2:43

Instrument :

BNA_G

ClientSampleId :

MW-1

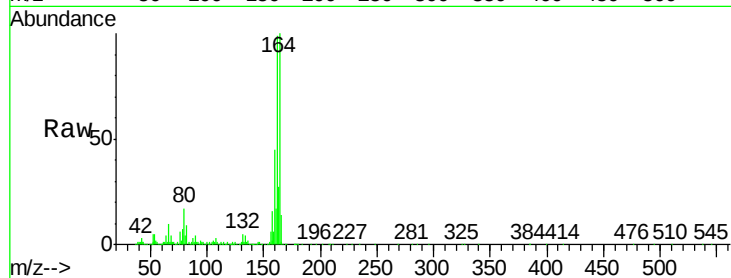
Tot Ion:164 Resp: 404463

Ion Ratio Lower Upper

164 100

162 99.5 87.7 131.5

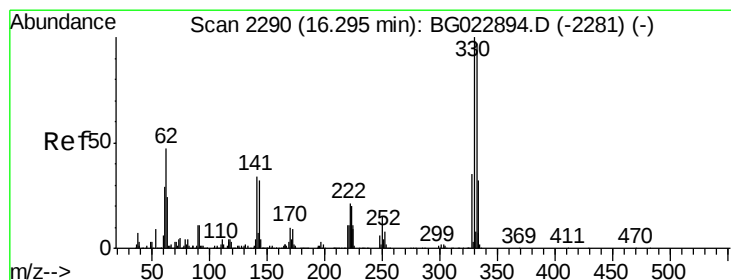
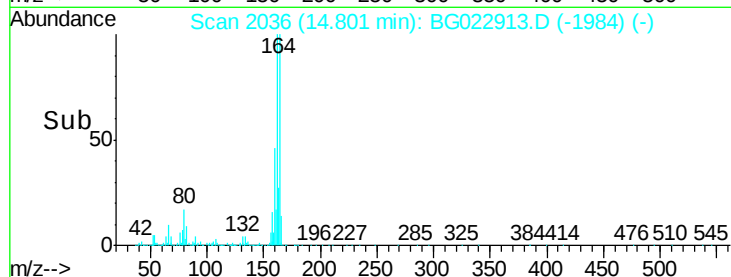
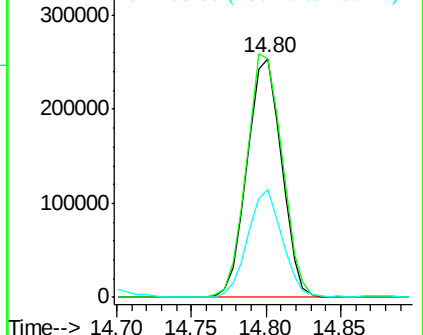
160 45.4 37.2 55.8



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: 126.40 ng

RT: 16.29 min Scan# 2290

Delta R.T. -0.00 min

Lab File: BG022913.D

Acq: 8 Jul 2016 2:43

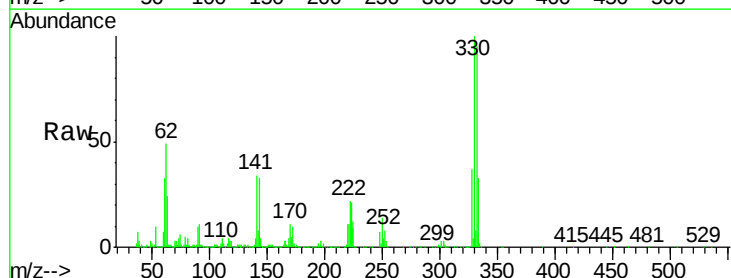
Tgt Ion:330 Resp: 918836

Ion Ratio Lower Upper

330 100

332 96.3 77.4 116.2

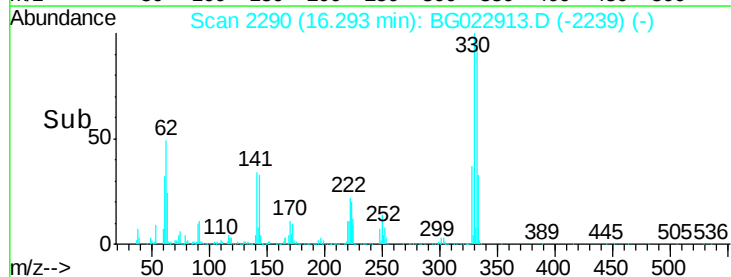
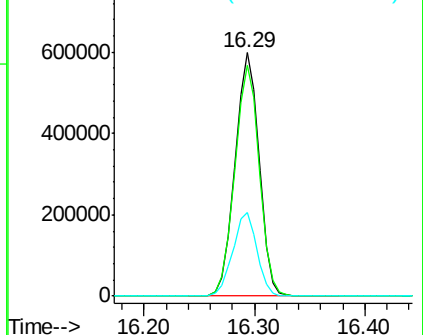
141 34.6 31.7 47.5

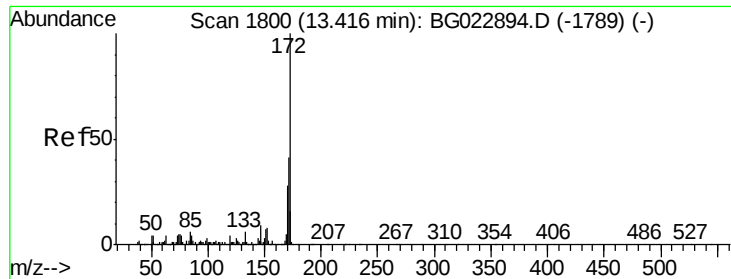


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



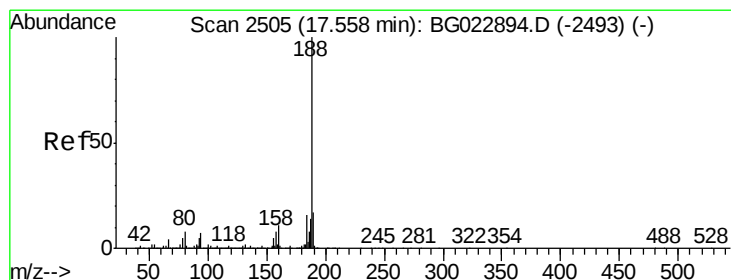
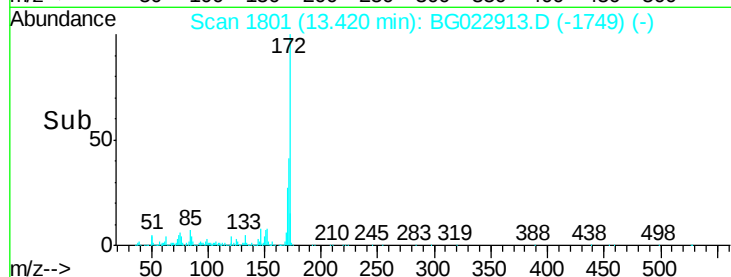
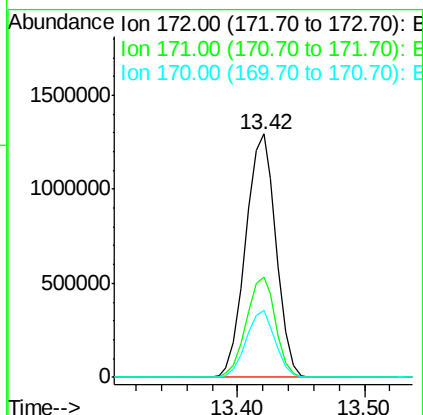
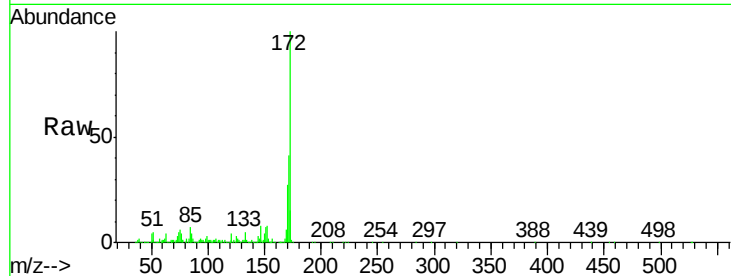


#44
 2-Fluorobiphenyl
 Concen: 83.51 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BG022913.D
 Acq: 8 Jul 2016 2:43

Instrument :
 BNA_G
 ClientSampleId :
 MW-1

Tot Ion:172 Resp: 2144453

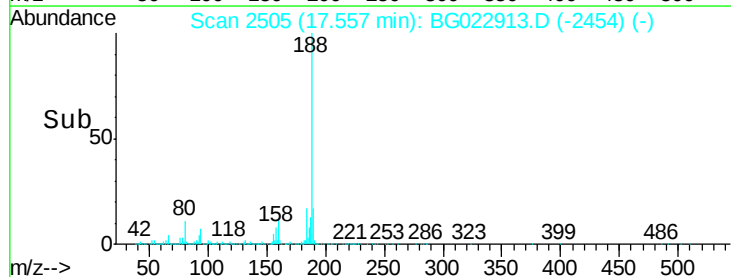
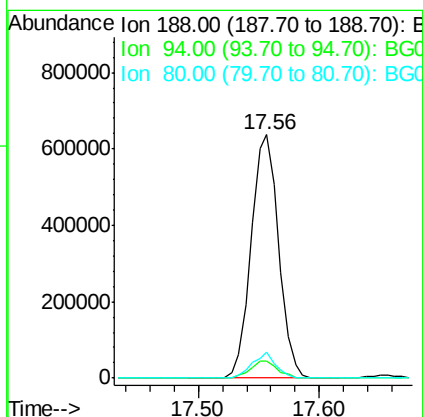
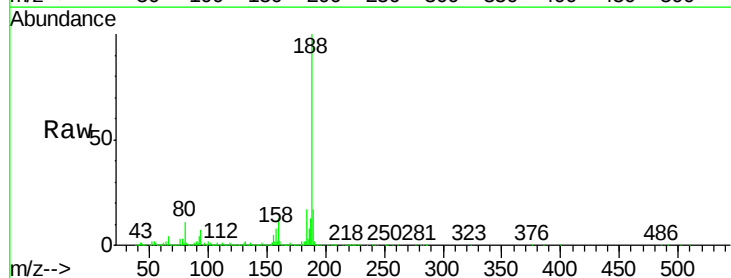
Ion	Ratio	Lower	Upper
172	100		
171	41.1	31.6	47.4
170	27.4	21.3	31.9

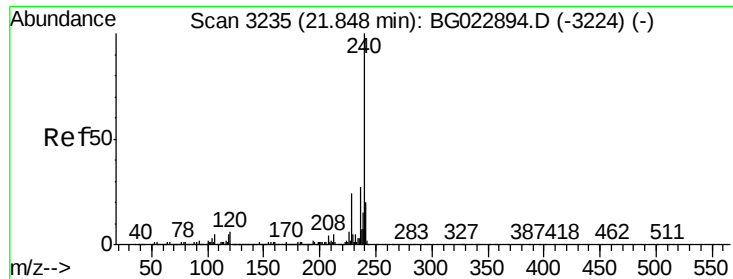


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.56 min Scan# 2505
 Delta R.T. -0.00 min
 Lab File: BG022913.D
 Acq: 8 Jul 2016 2:43

Tgt Ion:188 Resp: 1006249

Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.2	7.8
80	10.7	7.2	10.8

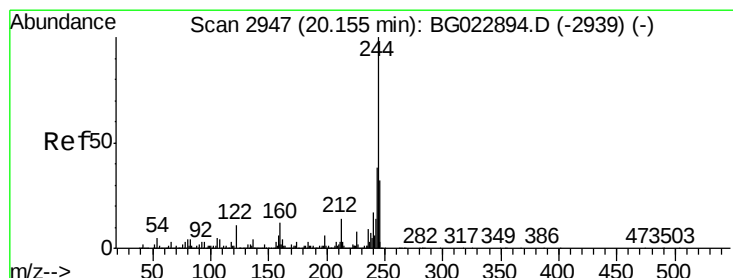
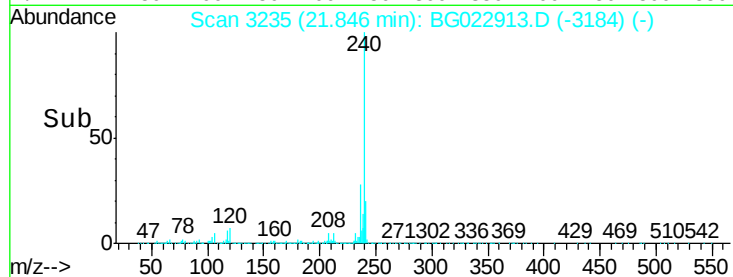
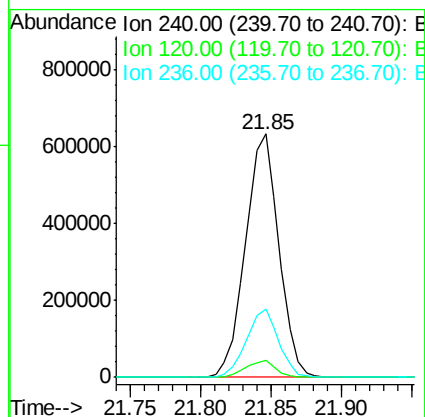
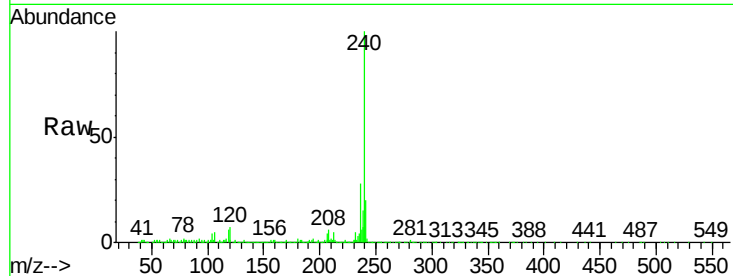




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.85 min Scan# 3235
 Delta R.T. -0.00 min
 Lab File: BG022913.D
 Acq: 8 Jul 2016 2:43

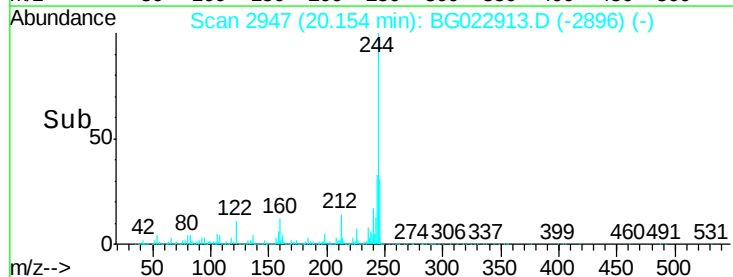
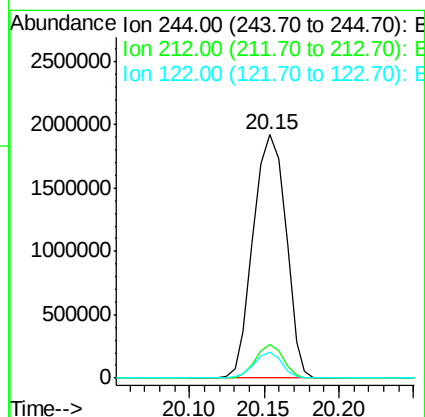
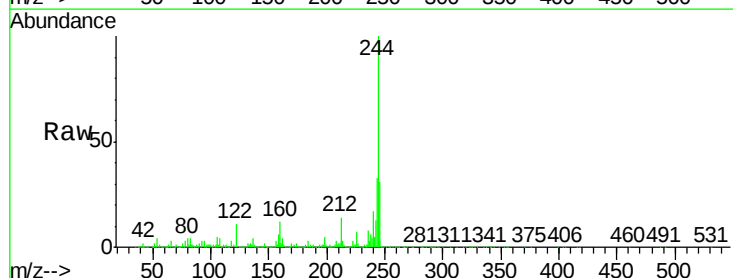
Instrument :
 BNA_G
 ClientSampleId :
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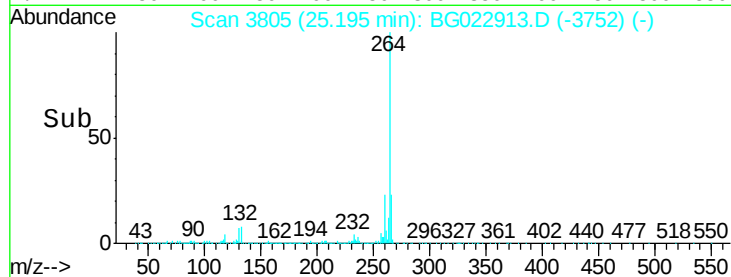
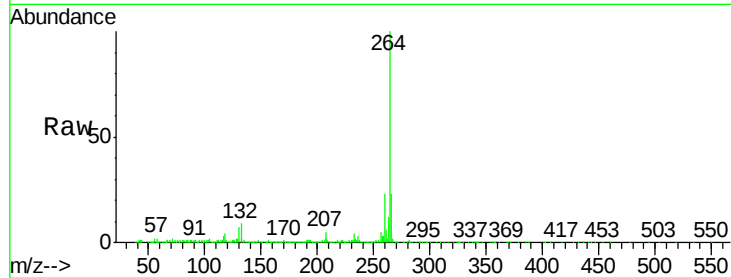
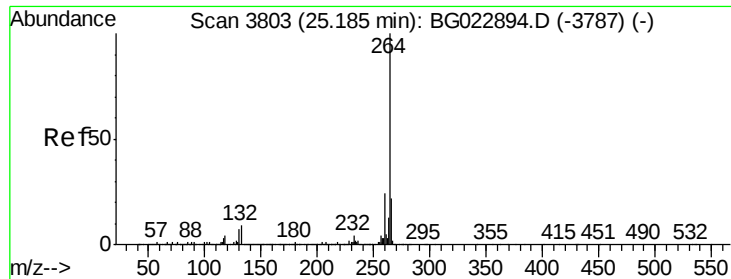
Tot Ion:240 Resp: 1043934
 Ion Ratio Lower Upper
 240 100
 120 6.8 4.1 6.1#
 236 27.8 21.1 31.7



#78
 Terphenyl-d14
 Concen: 90.89 ng
 RT: 20.15 min Scan# 2947
 Delta R.T. -0.00 min
 Lab File: BG022913.D
 Acq: 8 Jul 2016 2:43

Tgt Ion:244 Resp: 2913896
 Ion Ratio Lower Upper
 244 100
 212 13.8 10.8 16.2
 122 10.6 8.0 12.0





#86

Pervlene-d12

Concen: 20.00 ng

RT: 25.19 min Scan# 3805

Delta R.T. 0.01 min

Lab File: BG022913.D

Acq: 8 Jul 2016 2:43

Instrument :

BNA_G

ClientSampleId :

MW-1

Tot Ion:264 Resp: 1085777

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.4	27.6
265	22.8	18.9	28.3

