

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071715\
 Data File : BG017954.D
 Acq On : 18 Jul 2015 9:23
 Operator : TP/UM
 Sample : G3009-03
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-DUP-01-071515

Quant Time: Jul 20 01:52:19 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 18 01:50:30 2015
 Response via : Initial Calibration

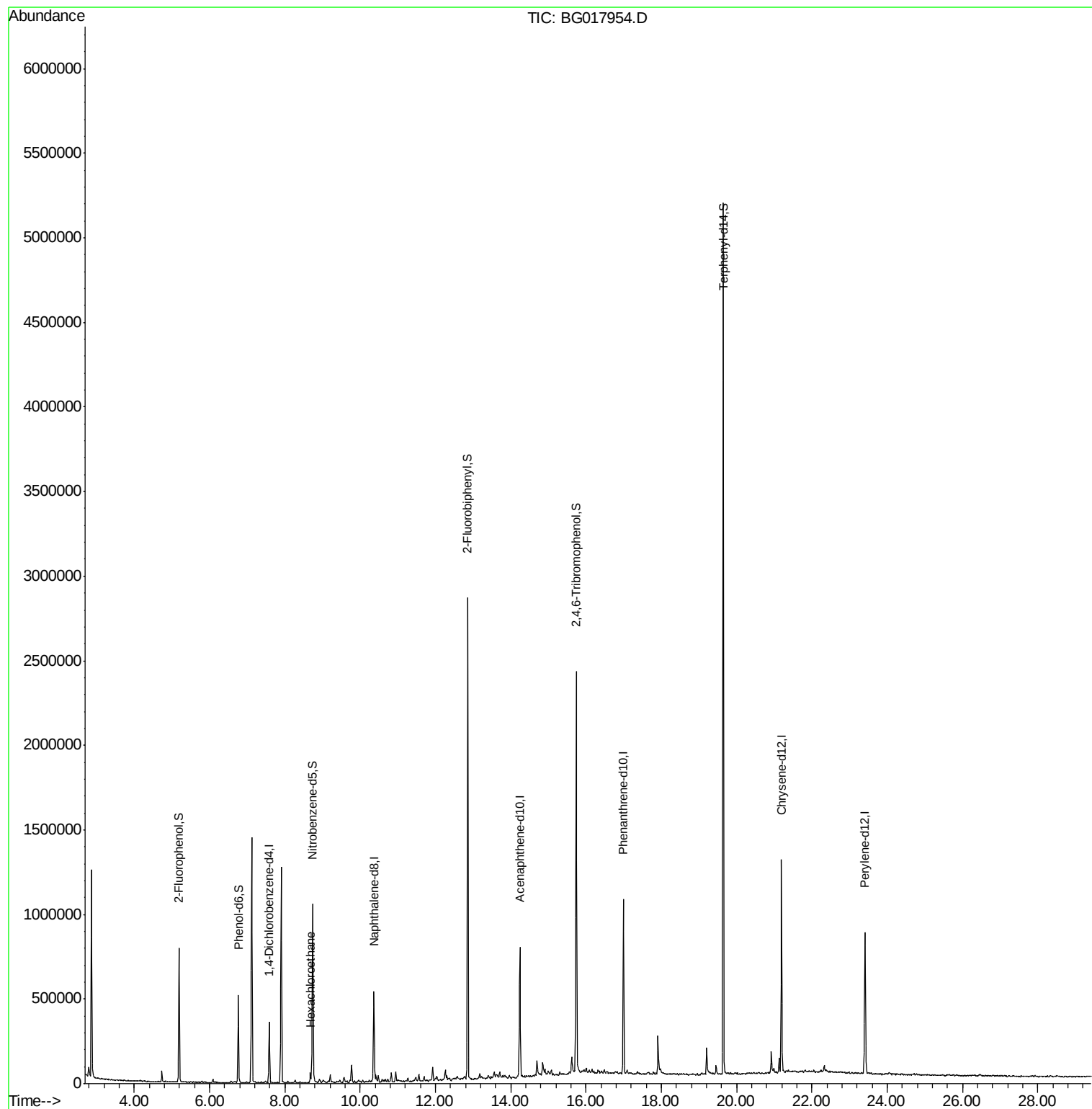
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	97747	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	438265	20.00	ng	0.00
38) Acenaphthene-d10	14.24	164	272410	20.00	ng	0.00
63) Phenanthrene-d10	16.99	188	573103	20.00	ng	0.00
75) Chrysene-d12	21.20	240	568494	20.00	ng	0.00
86) Perylene-d12	23.41	264	566371	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	347080	61.94	ng	0.00
7) Phenol-d6	6.77	99	299027	40.73	ng	0.00
23) Nitrobenzene-d5	8.74	82	604445	89.33	ng	0.00
41) 2,4,6-Tribromophenol	15.74	330	405486	146.92	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	1407932	89.57	ng	0.00
78) Terphenyl-d14	19.64	244	2004837	88.83	ng	0.00
Target Compounds						
18) Hexachloroethane	8.68	117	8899	3.17	ng	# 1
32) Benzoic acid	9.59	122	71	Below Cal	#	1
53) 2,4-Dinitrophenol	14.31	184	68	Below Cal	#	1
64) 4,6-Dinitro-2-methylphenol	15.59	198	58	Below Cal	#	1

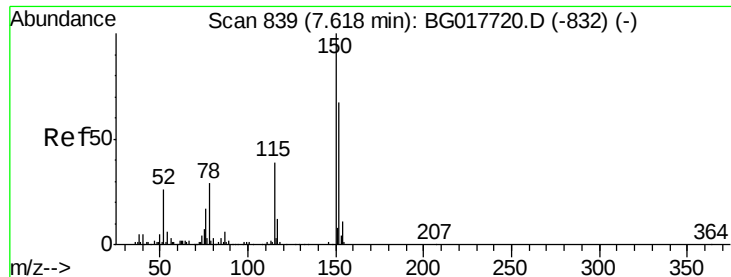
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 18 01:50:30 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.58 min Scan# 833

Delta R.T. -0.01 min

Lab File: BG017954.D

Acq: 18 Jul 2015 9:23

Instrument :

BNA_G

ClientSampleId :

MW-DUP-01-071515

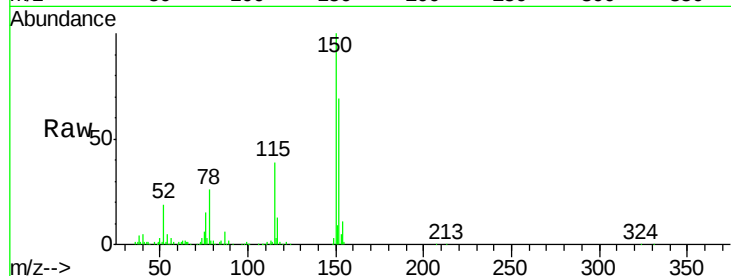
Tgt Ion:152 Resp: 97747

Ion Ratio Lower Upper

152 100

150 144.8 119.1 178.7

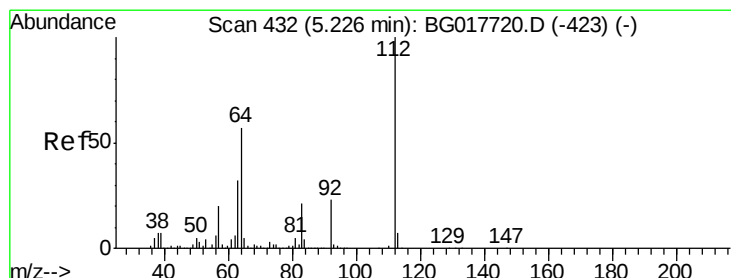
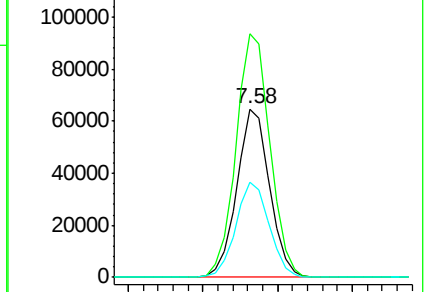
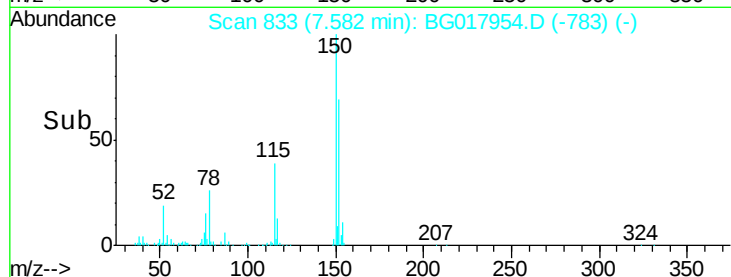
115 56.9 47.0 70.4



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: 61.94 ng

RT: 5.19 min Scan# 426

Delta R.T. 0.00 min

Lab File: BG017954.D

Acq: 18 Jul 2015 9:23

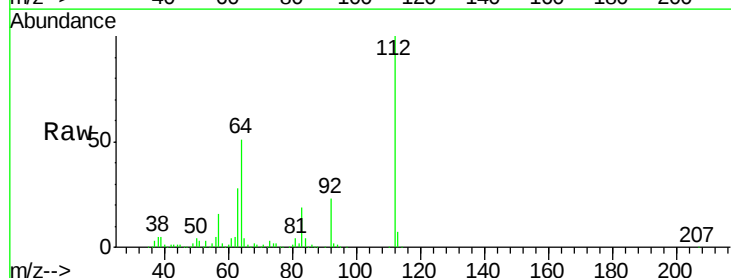
Tgt Ion:112 Resp: 347080

Ion Ratio Lower Upper

112 100

64 51.4 45.4 68.0

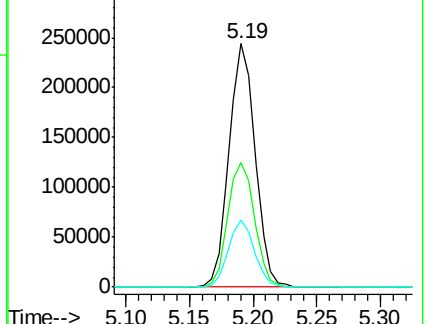
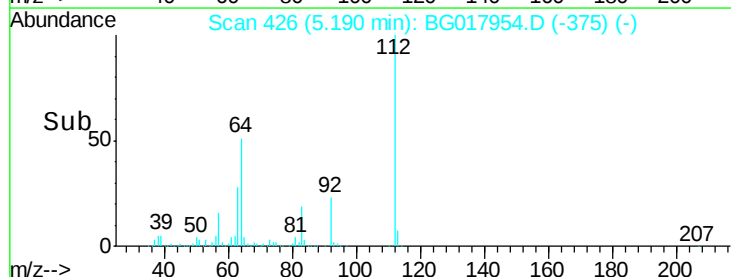
63 27.6 25.3 37.9

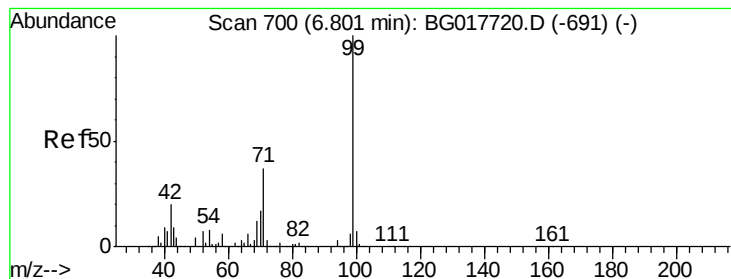


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 40.73 ng

RT: 6.77 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG017954.D

Acq: 18 Jul 2015 9:23

Instrument :

BNA_G

ClientSampleId :

MW-DUP-01-071515

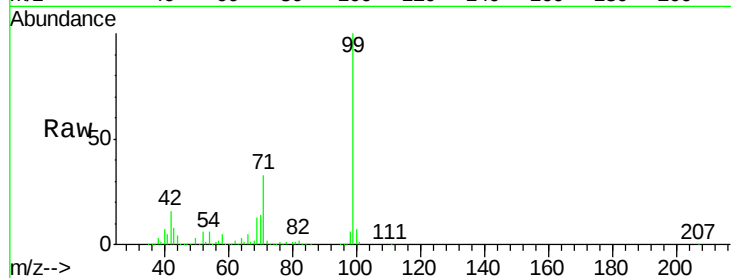
Tgt Ion: 99 Resp: 299027

Ion Ratio Lower Upper

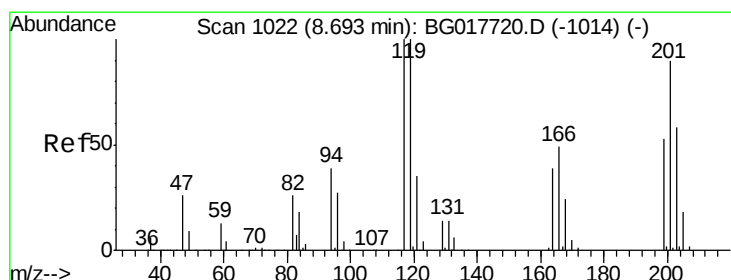
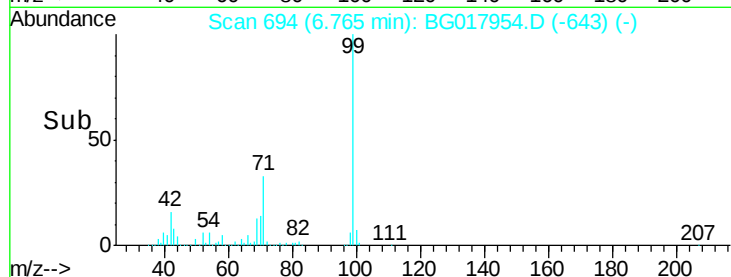
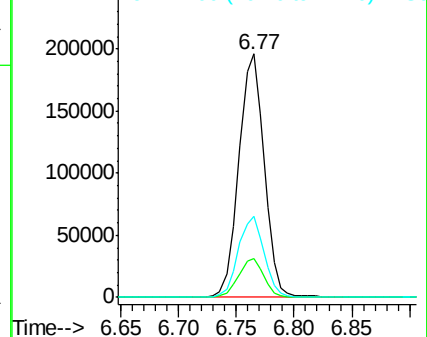
99 100

42 15.7 16.2 24.4#

71 33.3 29.5 44.3



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



#18

Hexachloroethane

Concen: 3.17 ng

RT: 8.68 min Scan# 1020

Delta R.T. 0.02 min

Lab File: BG017954.D

Acq: 18 Jul 2015 9:23

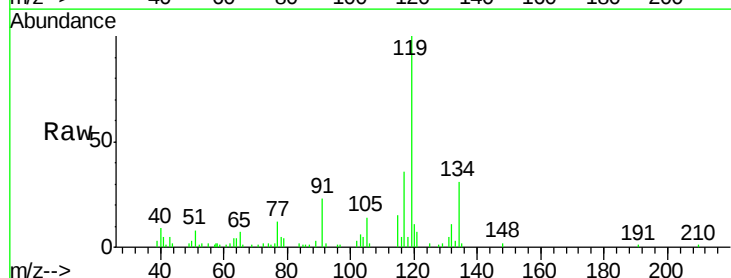
Tgt Ion: 117 Resp: 8899

Ion Ratio Lower Upper

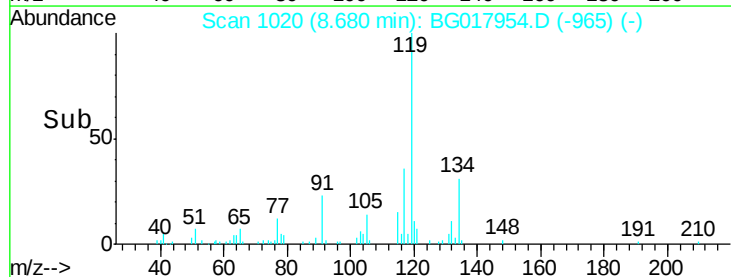
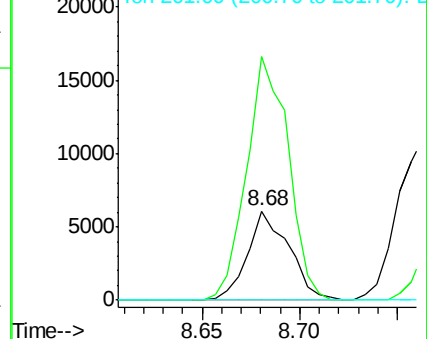
117 100

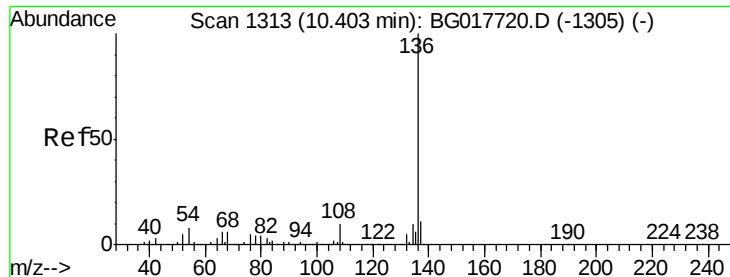
119 274.1 80.1 120.1#

201 0.0 71.9 107.9#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

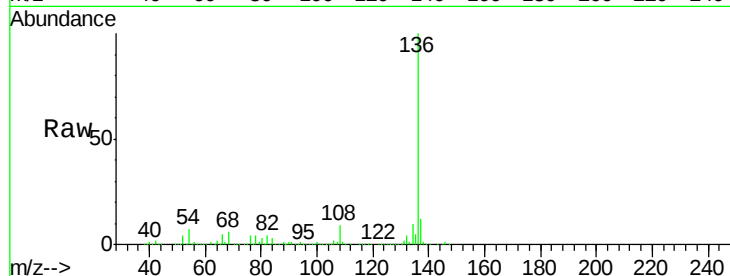




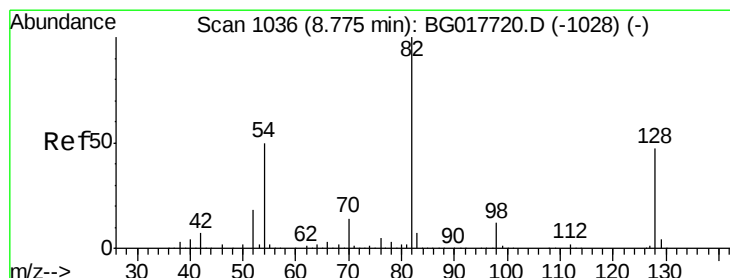
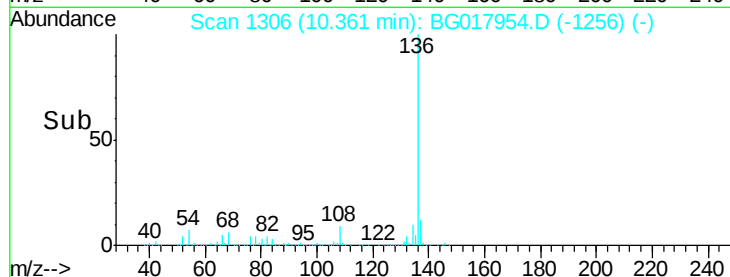
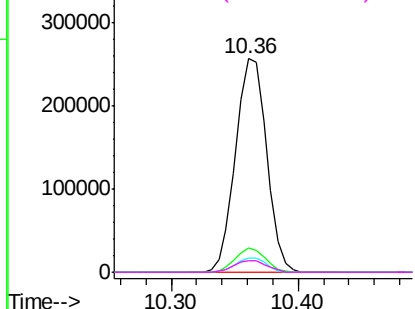
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.36 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG017954.D
Acq: 18 Jul 2015 9:23

Instrument :
BNA_G
ClientSampleId :
MW-DUP-01-071515

Tgt Ion:	136	Resp:	438265
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.8	13.2
54	6.9	6.6	9.8
68	5.7	5.1	7.7

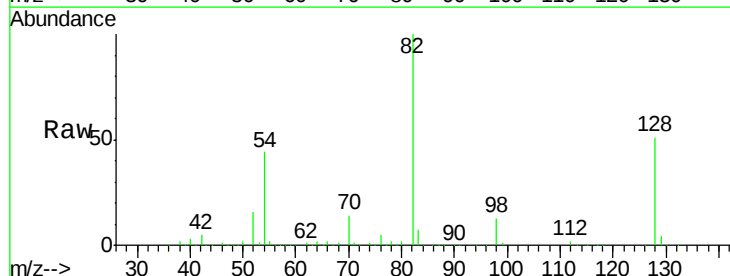


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

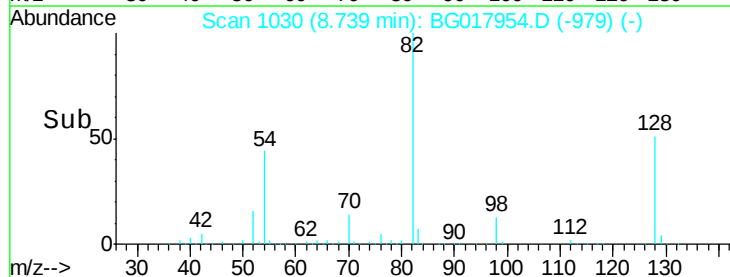
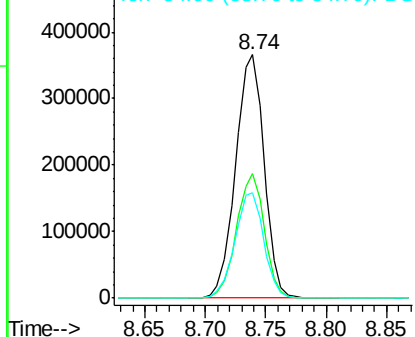


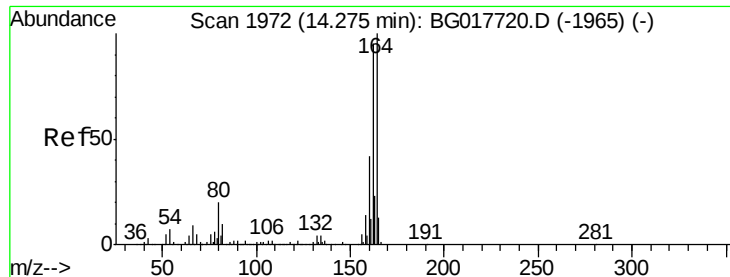
#23
Nitrobenzene-d5
Concen: 89.33 ng
RT: 8.74 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG017954.D
Acq: 18 Jul 2015 9:23

Tgt Ion:	82	Resp:	604445
Ion	Ratio	Lower	Upper
82	100		
128	51.0	37.8	56.6
54	43.5	39.9	59.9



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.24 min Scan# 1966

Delta R.T. -0.01 min

Lab File: BG017954.D

Acq: 18 Jul 2015 9:23

Instrument :

BNA_G

ClientSampleId :

MW-DUP-01-071515

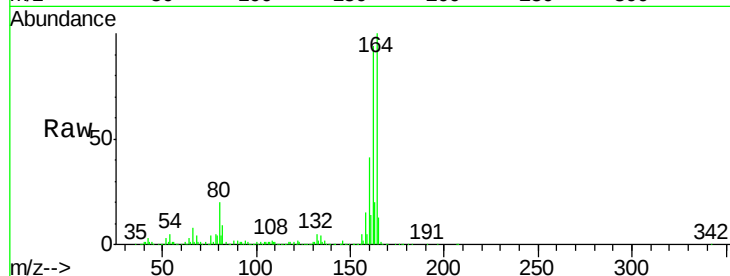
Tgt Ion:164 Resp: 272410

Ion Ratio Lower Upper

164 100

162 94.2 76.3 114.5

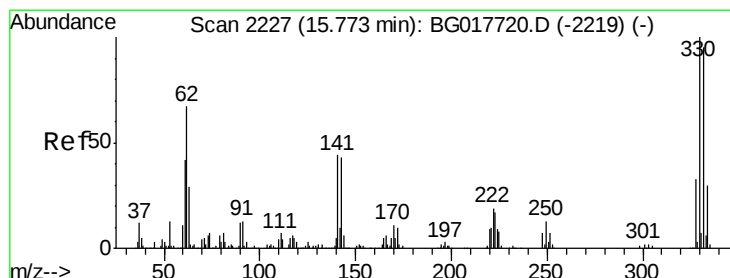
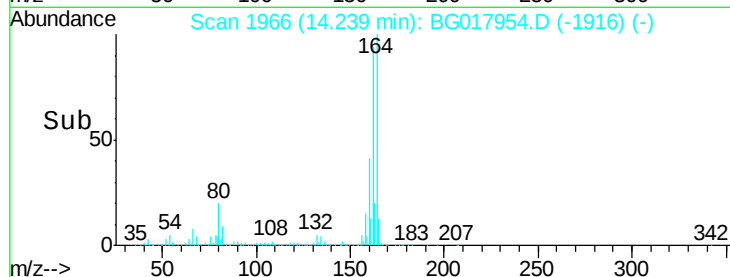
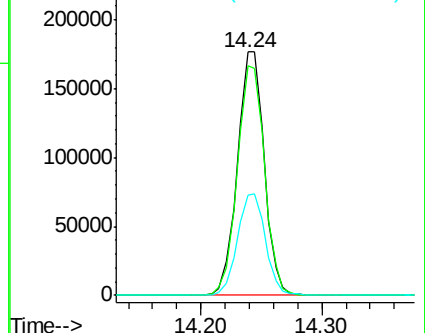
160 41.4 33.7 50.5



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: 146.92 ng

RT: 15.74 min Scan# 2221

Delta R.T. -0.01 min

Lab File: BG017954.D

Acq: 18 Jul 2015 9:23

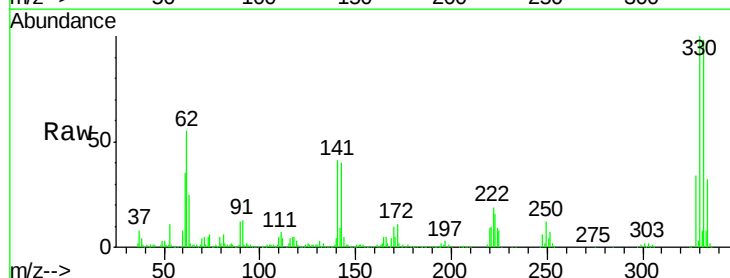
Tgt Ion:330 Resp: 405486

Ion Ratio Lower Upper

330 100

332 97.6 76.8 115.2

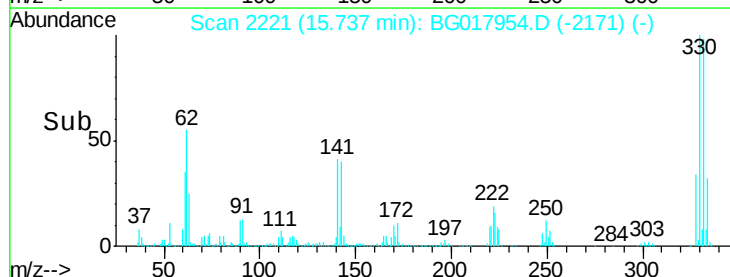
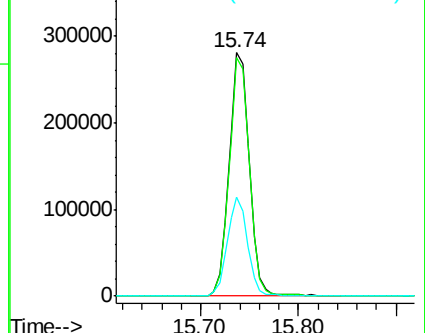
141 40.1 38.0 57.0

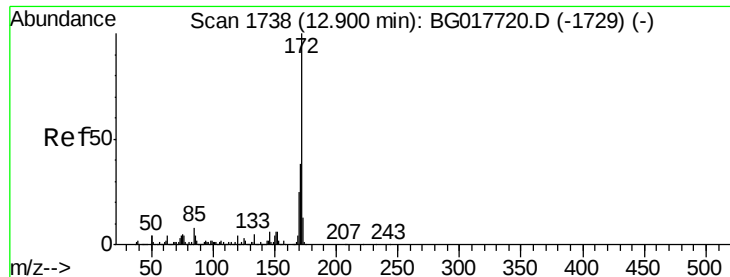


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

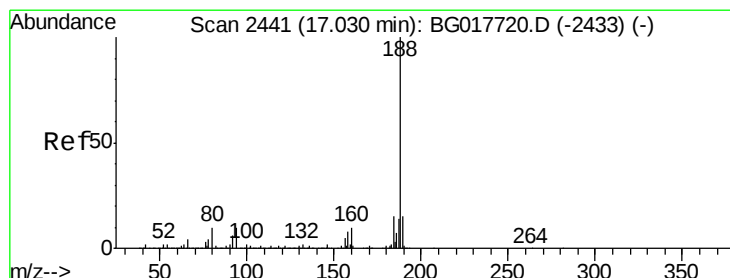
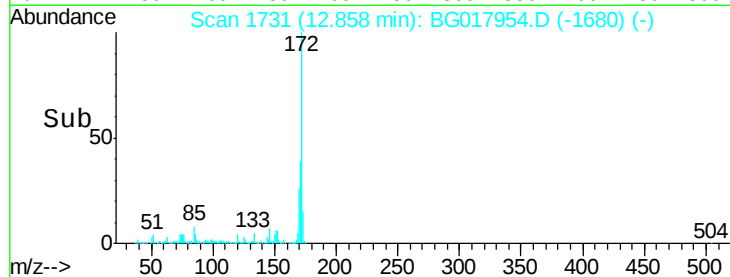
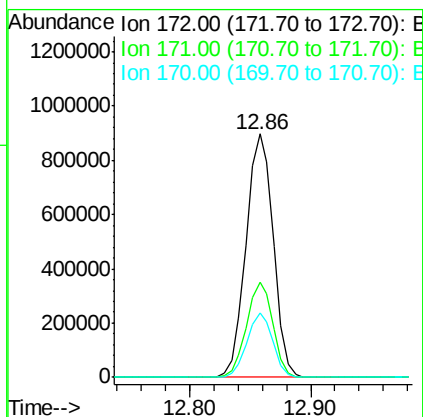
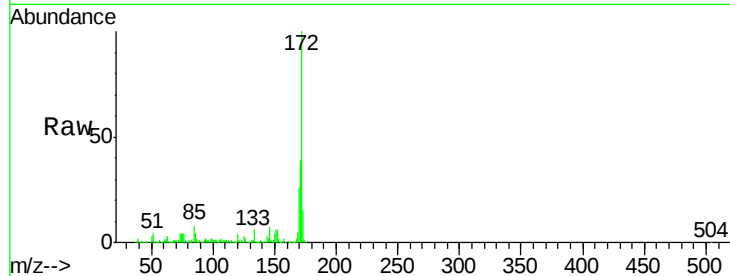




#44
 2-Fluorobiphenyl
 Concen: 89.57 ng
 RT: 12.86 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: BG017954.D
 Acq: 18 Jul 2015 9:23

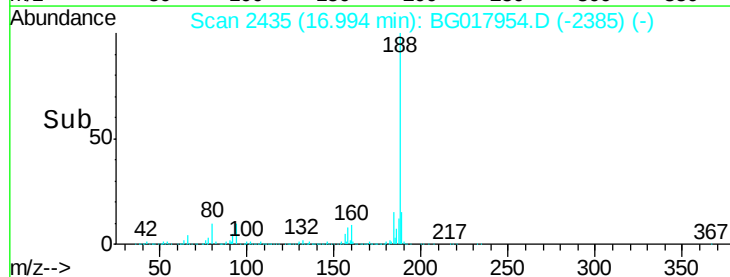
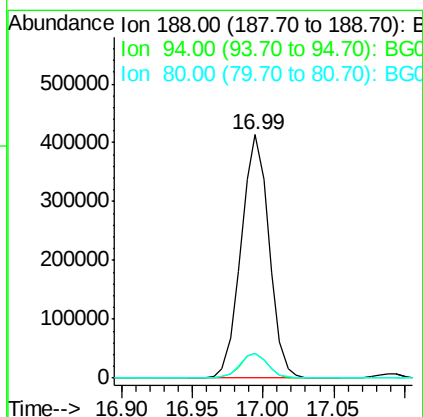
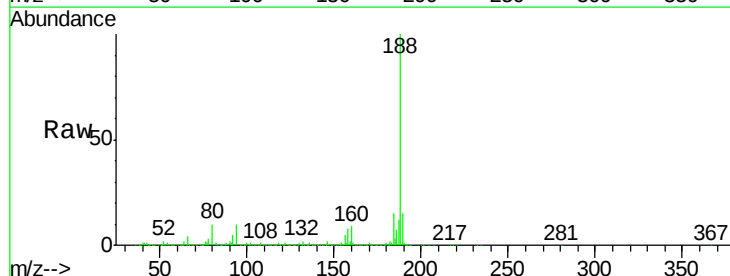
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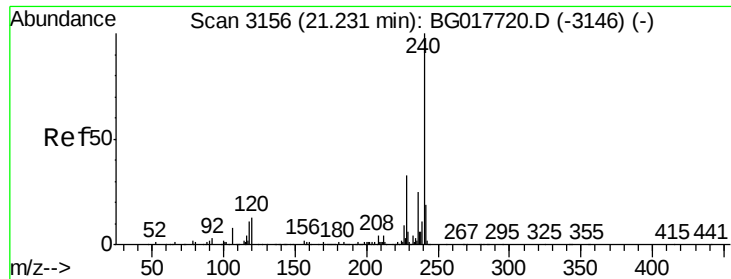
Tgt Ion:172 Resp: 1407932
 Ion Ratio Lower Upper
 172 100
 171 39.0 30.7 46.1
 170 26.4 19.7 29.5



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 16.99 min Scan# 2435
 Delta R.T. -0.01 min
 Lab File: BG017954.D
 Acq: 18 Jul 2015 9:23

Tgt Ion:188 Resp: 573103
 Ion Ratio Lower Upper
 188 100
 94 10.2 8.2 12.2
 80 10.4 8.2 12.4

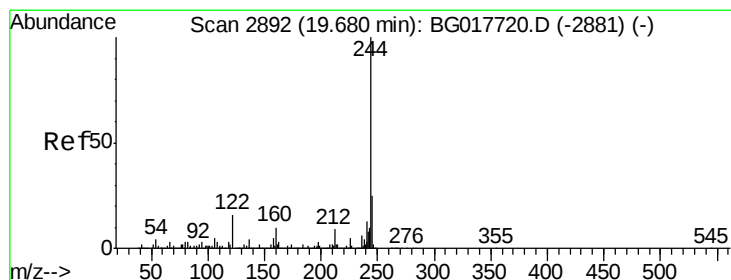
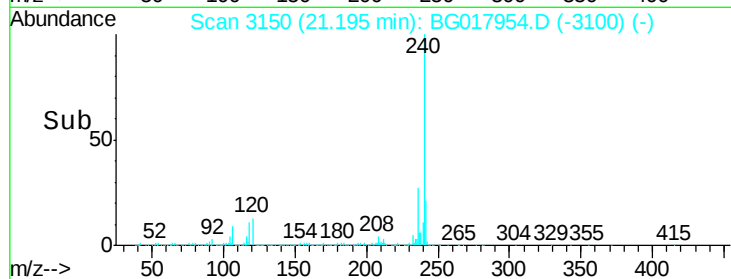
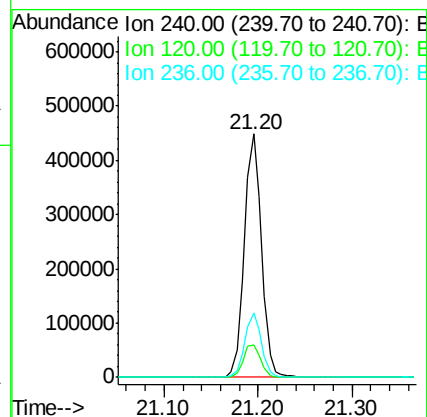
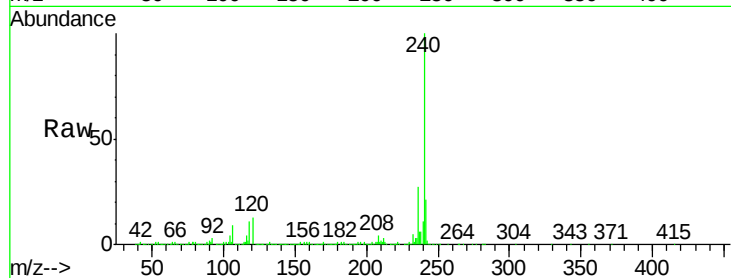




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.20 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG017954.D
Acq: 18 Jul 2015 9:23

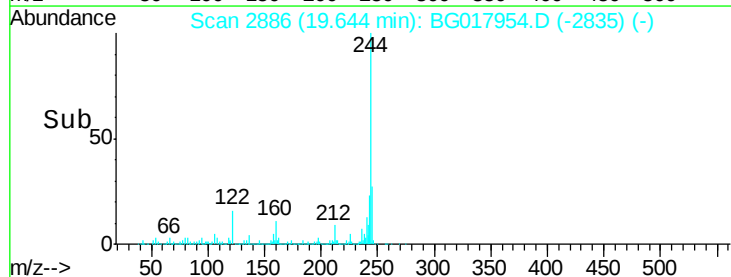
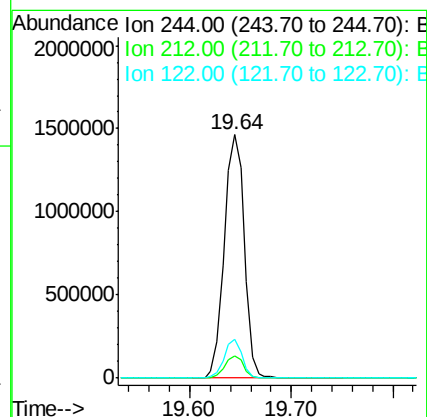
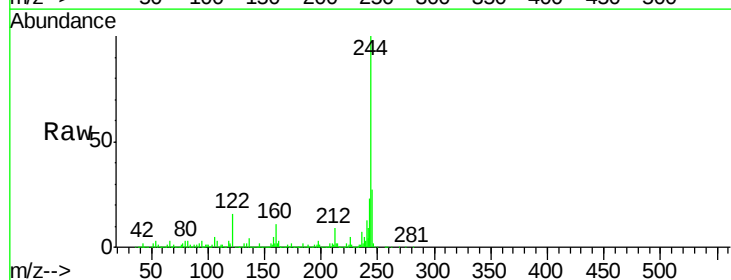
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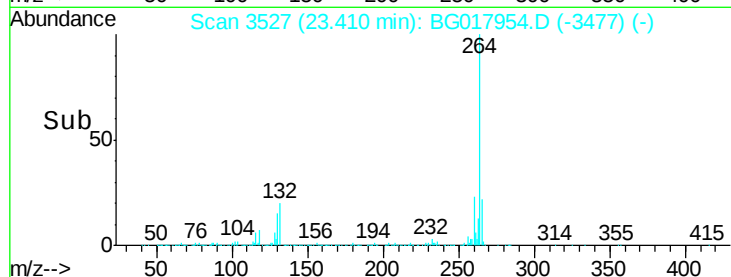
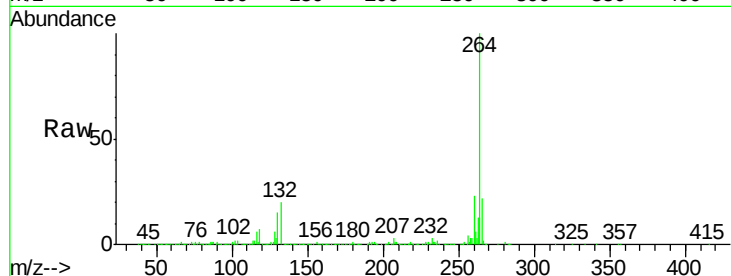
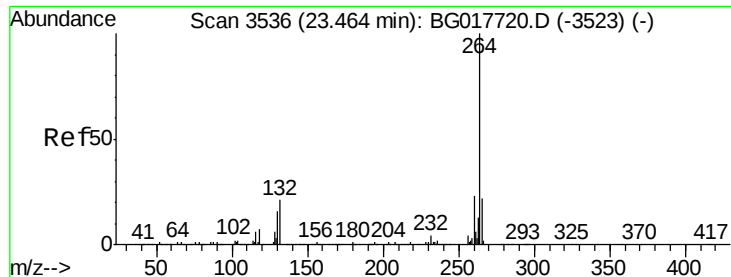
Tgt Ion:240 Resp: 568494
Ion Ratio Lower Upper
240 100
120 13.5 10.8 16.2
236 26.6 20.0 30.0



#78
Terphenyl-d14
Concen: 88.83 ng
RT: 19.64 min Scan# 2886
Delta R.T. -0.00 min
Lab File: BG017954.D
Acq: 18 Jul 2015 9:23

Tgt Ion:244 Resp: 2004837
Ion Ratio Lower Upper
244 100
212 9.4 7.2 10.8
122 15.7 12.8 19.2





#86

Perylene-d12

Concen: 20.00 ng

RT: 23.41 min Scan# 3527

Delta R.T. -0.01 min

Lab File: BG017954.D

Acq: 18 Jul 2015 9:23

Instrument :

BNA_G

ClientSampleId :

MW-DUP-01-071515

Tgt Ion: 264 Resp: 566371

Ion Ratio Lower Upper

264 100

260 23.1 18.6 27.8

265 22.4 18.2 27.2

