

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052015\
 Data File : BG017234.D
 Acq On : 21 May 2015 4:54
 Operator : TP/IZ
 Sample : G2273-21
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-07-D1

Quant Time: May 21 05:44:01 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 13 16:12:13 2015
 Response via : Initial Calibration

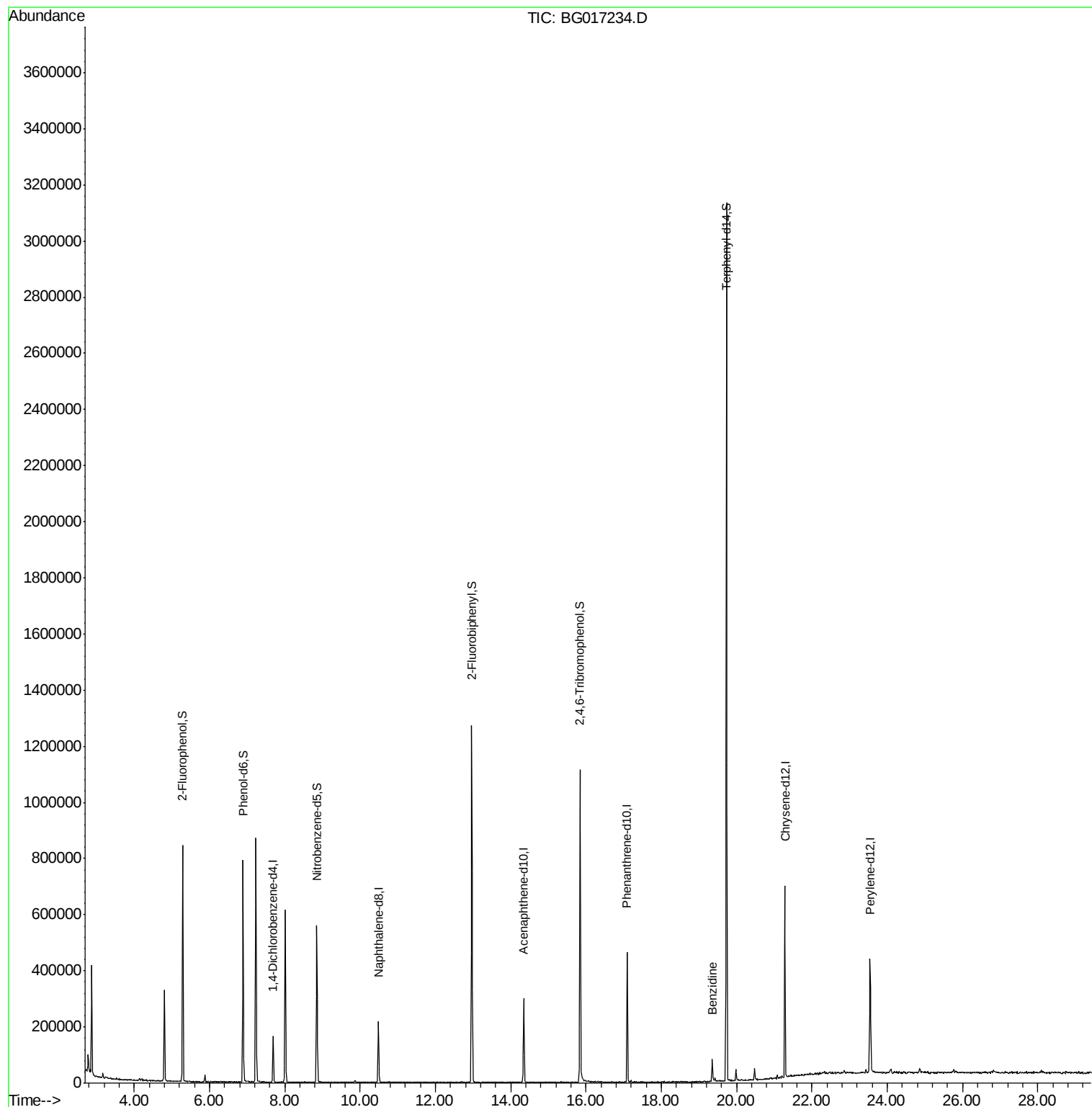
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	35508	20.00	ng	-0.01
21) Naphthalene-d8	10.49	136	152171	20.00	ng	-0.02
38) Acenaphthene-d10	14.35	164	96843	20.00	ng	-0.01
63) Phenanthrene-d10	17.10	188	238899	20.00	ng	-0.02
75) Chrysene-d12	21.29	240	289150	20.00	ng	-0.01
86) Perylene-d12	23.55	264	284998	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	286424	143.12	ng	-0.02
7) Phenol-d6	6.89	99	343257	122.22	ng	-0.02
23) Nitrobenzene-d5	8.85	82	285325	87.54	ng	-0.02
41) 2,4,6-Tribromophenol	15.84	330	164113	140.19	ng	-0.01
44) 2-Fluorobiphenyl	12.97	172	568684	86.17	ng	-0.02
78) Terphenyl-d14	19.73	244	1178842	84.96	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.83	77	84	Below Cal	Qvalue #	6
76) Benzidine	19.35	184	48844	5.17 ng		99

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

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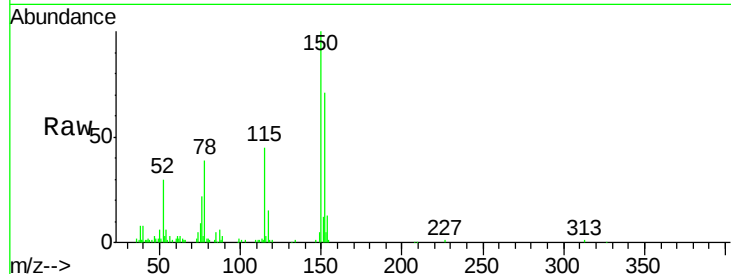


#1

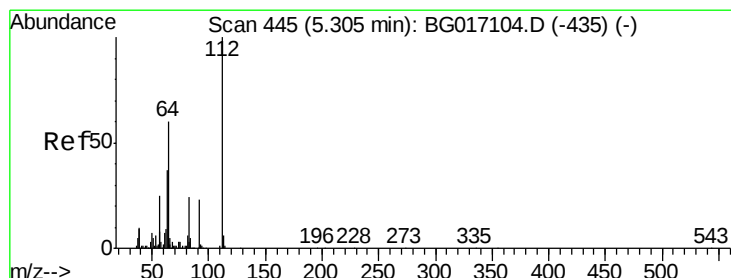
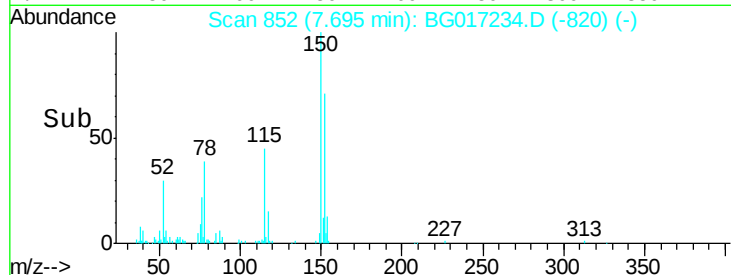
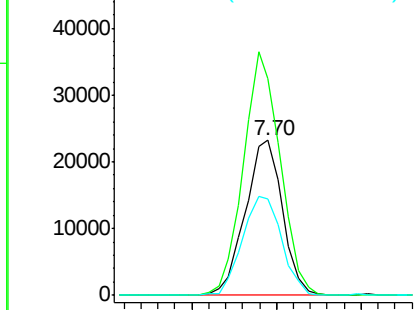
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.70 min Scan# 852
Delta R.T. -0.01 min
Lab File: BG017234.D
Acq: 21 May 2015 4:54

Instrument :
BNA_G
ClientSampleId :
WC-07-D1

Tgt Ion	Ratio	Lower	Upper
152	100		
150	140.0	120.8	181.2
115	62.4	49.4	74.2



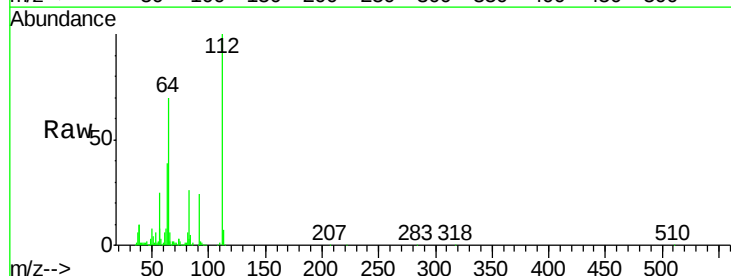
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



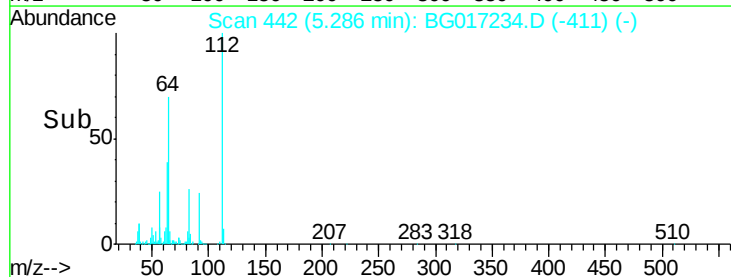
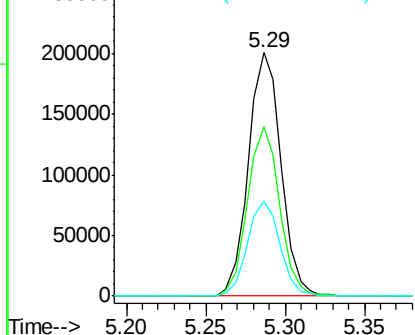
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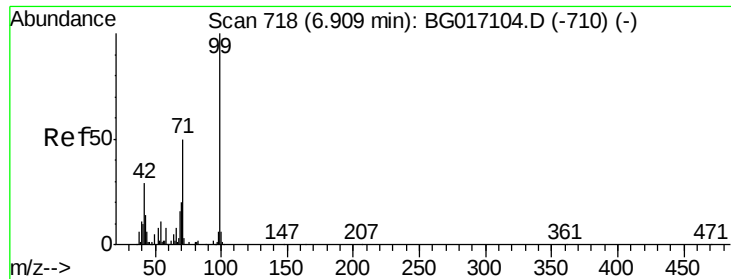
2-Fluorophenol
Concen: 143.12 ng
RT: 5.29 min Scan# 442
Delta R.T. -0.02 min
Lab File: BG017234.D
Acq: 21 May 2015 4:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.5	48.1	72.1
63	39.3	29.8	44.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 122.22 ng

RT: 6.89 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG017234.D

Acq: 21 May 2015 4:54

Instrument :

BNA_G

ClientSampleId :

WC-07-D1

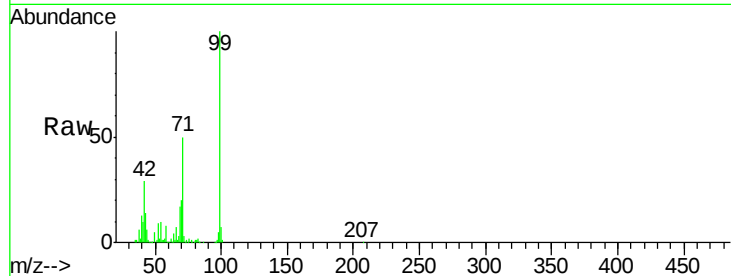
Tgt Ion: 99 Resp: 343257

Ion Ratio Lower Upper

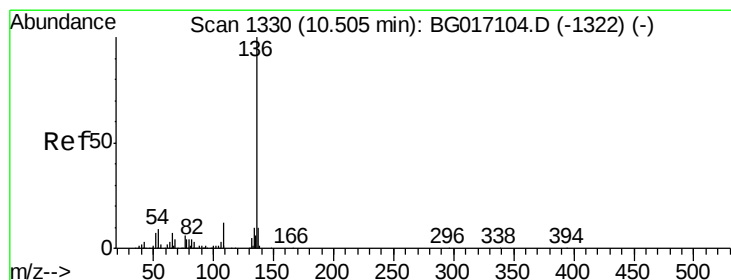
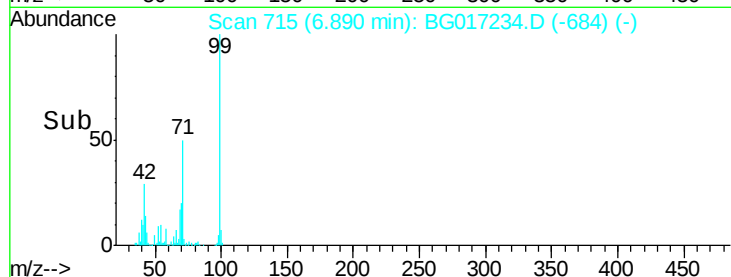
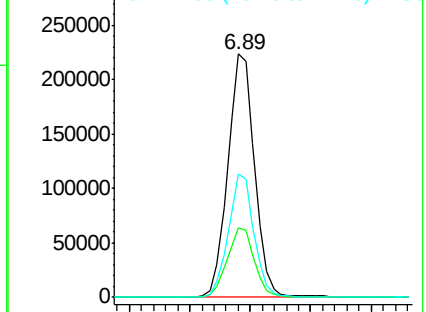
99 100

42 28.6 23.5 35.3

71 50.4 39.8 59.8



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: 10.49 min Scan# 1327

Delta R.T. -0.02 min

Lab File: BG017234.D

Acq: 21 May 2015 4:54

Tgt Ion: 136 Resp: 152171

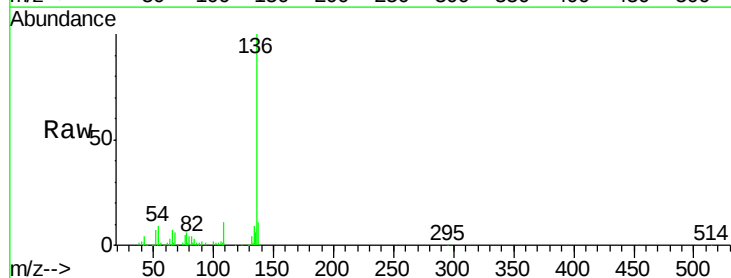
Ion Ratio Lower Upper

136 100

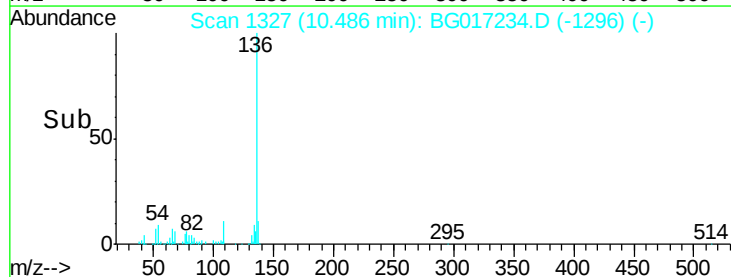
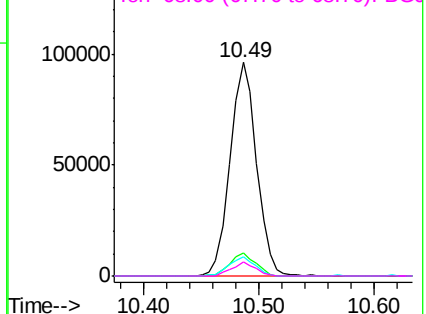
137 10.7 8.3 12.5

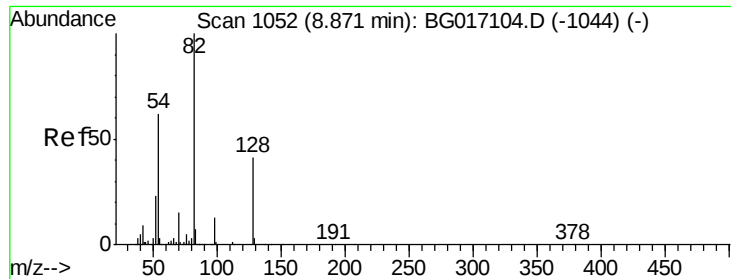
54 9.0 7.4 11.2

68 6.4 3.6 5.4#



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

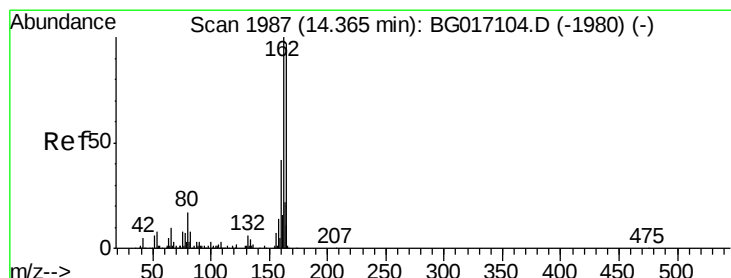
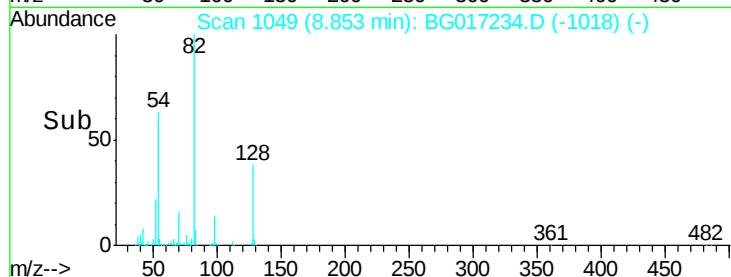
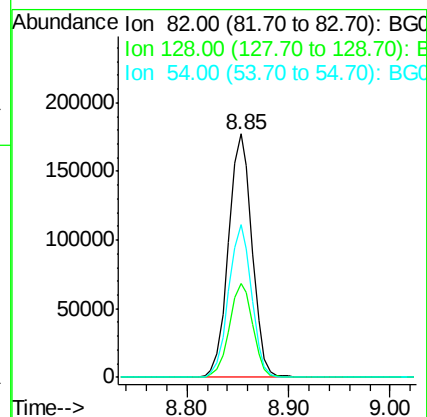
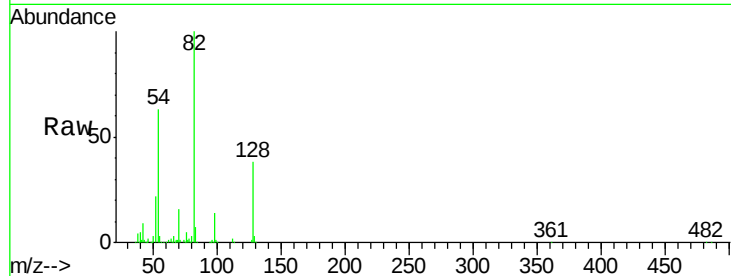




#23
 Nitrobenzene-d5
 Concen: 87.54 ng
 RT: 8.85 min Scan# 1049
 Delta R.T. -0.02 min
 Lab File: BG017234.D
 Acq: 21 May 2015 4:54

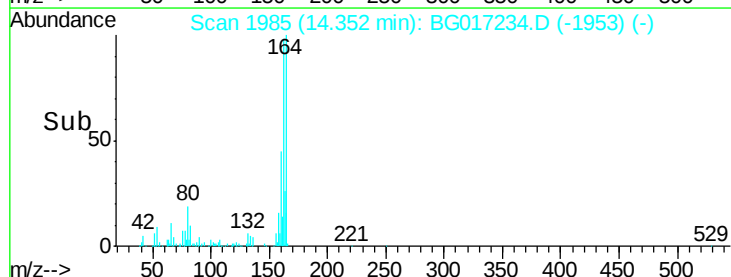
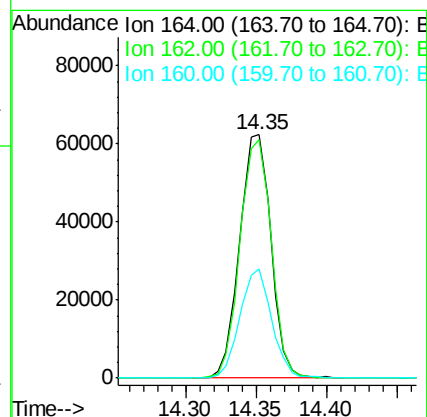
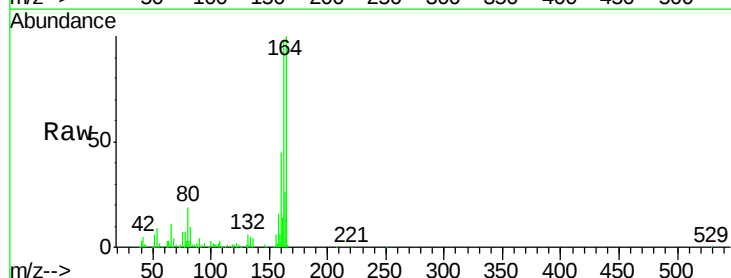
Instrument :
 BNA_G
 ClientSampleId :
 WC-07-D1

Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.3	32.6	49.0
54	62.6	49.6	74.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.35 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: BG017234.D
 Acq: 21 May 2015 4:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.1	82.1	123.1
160	44.9	34.8	52.2

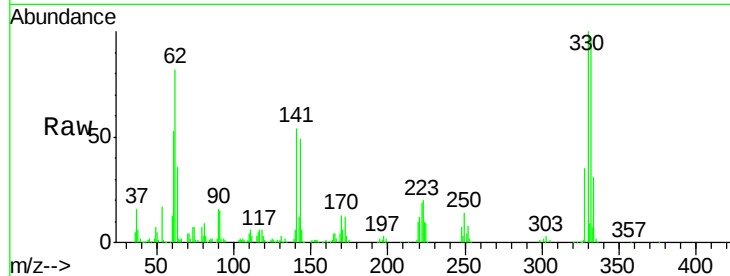




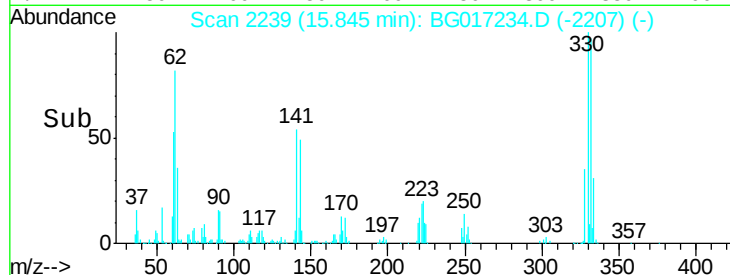
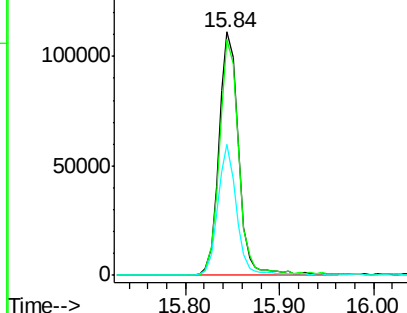
#41
 2,4,6-Tribromophenol
 Concen: 140.19 ng
 RT: 15.84 min Scan# 2239
 Delta R.T. -0.01 min
 Lab File: BG017234.D
 Acq: 21 May 2015 4:54

Instrument :
 BNA_G
 ClientSampleId :
 WC-07-D1

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.9	115.3
141	51.3	42.2	63.2

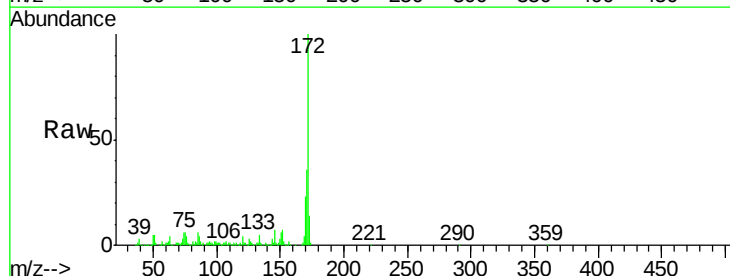


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

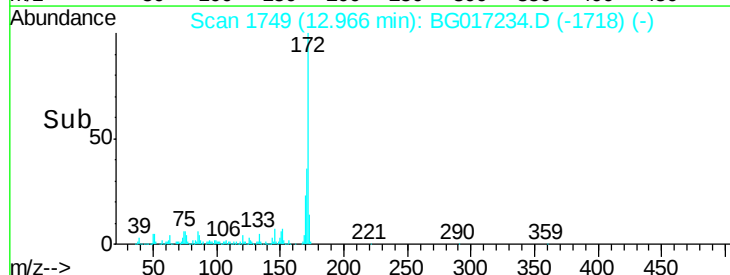
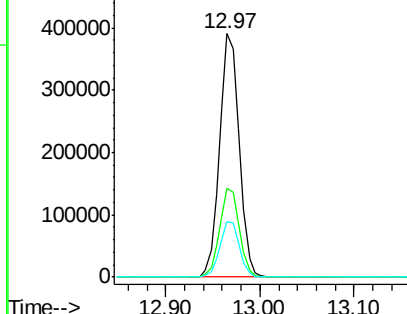


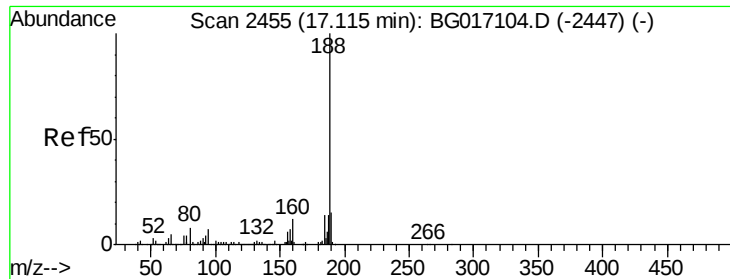
#44
 2-Fluorobiphenyl
 Concen: 86.17 ng
 RT: 12.97 min Scan# 1749
 Delta R.T. -0.02 min
 Lab File: BG017234.D
 Acq: 21 May 2015 4:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	22.9	18.4	27.6



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

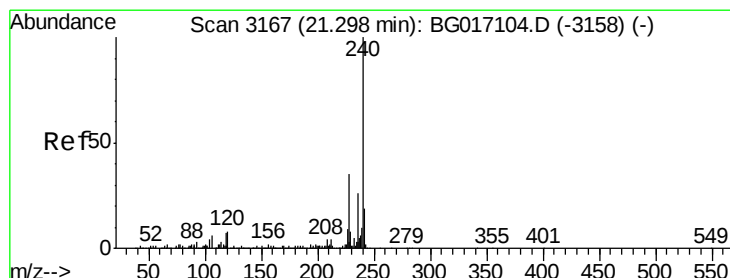
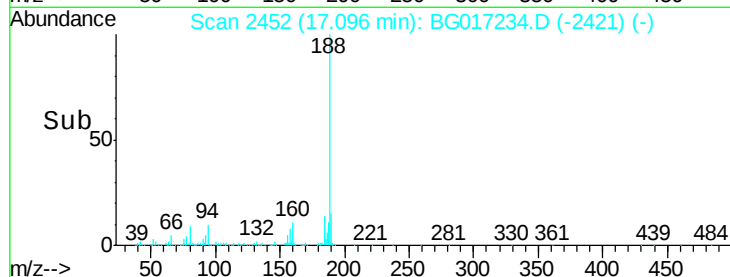
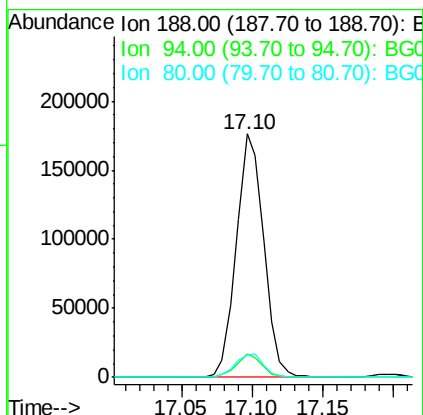
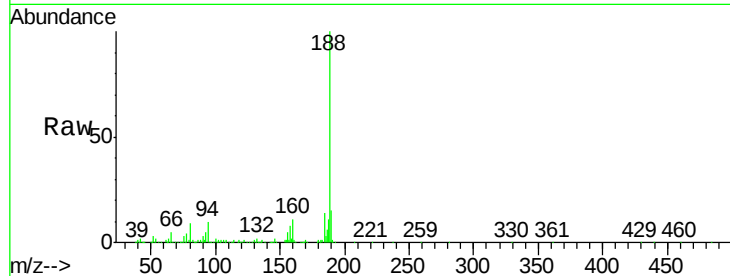




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.10 min Scan# 2452
Delta R.T. -0.02 min
Lab File: BG017234.D
Acq: 21 May 2015 4:54

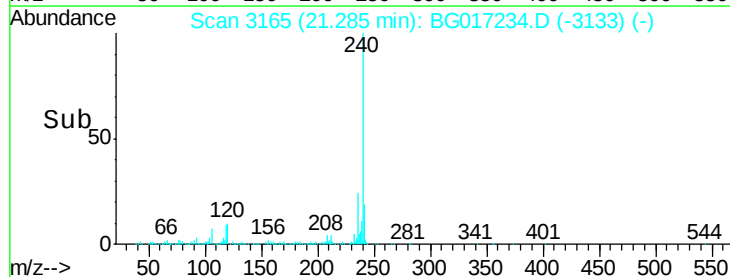
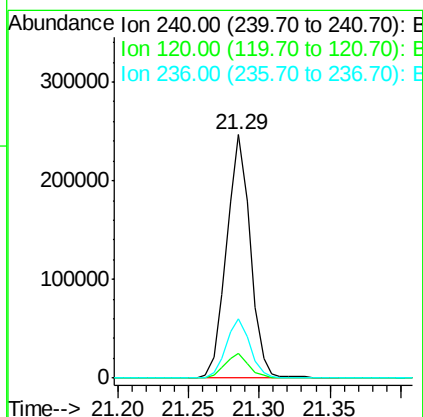
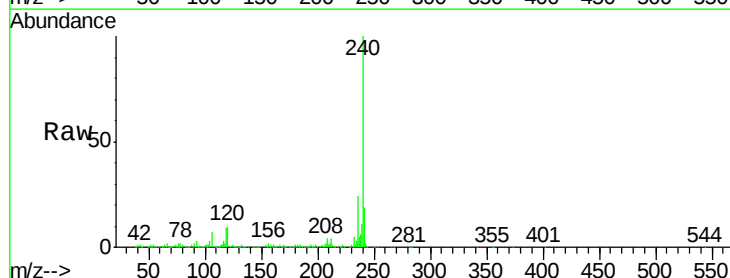
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BNA_G
ClientSampleId :
WC-07-D1

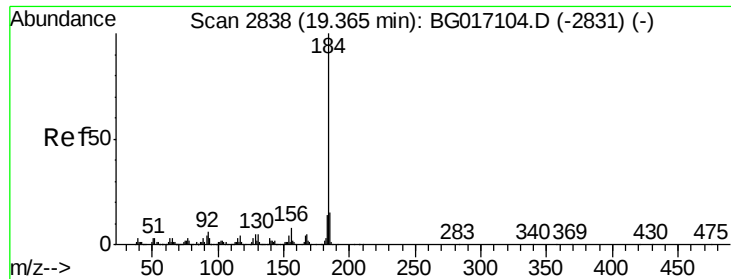
Tgt Ion:188 Resp: 238899
Ion Ratio Lower Upper
188 100
94 9.5 5.8 8.6#
80 9.2 6.5 9.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.29 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG017234.D
Acq: 21 May 2015 4:54

Tgt Ion:240 Resp: 289150
Ion Ratio Lower Upper
240 100
120 10.4 6.0 9.0#
236 24.3 20.5 30.7

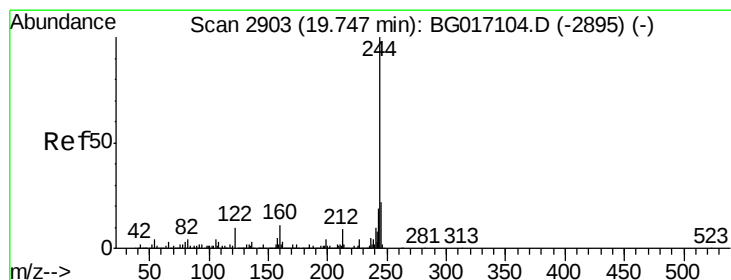
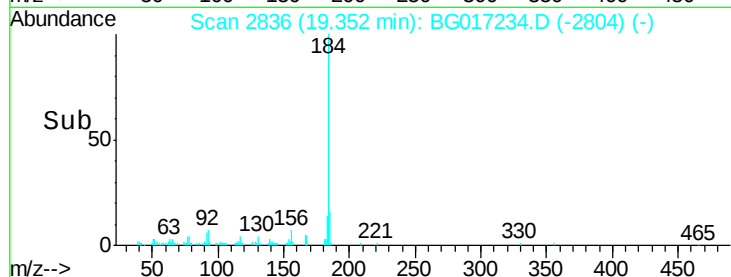
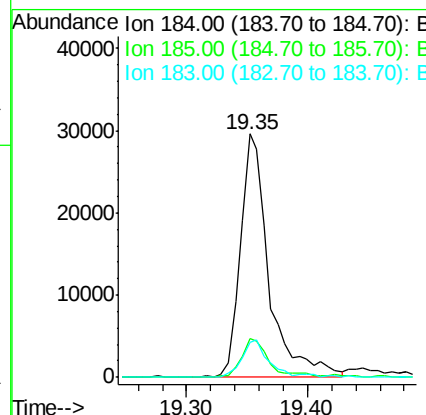
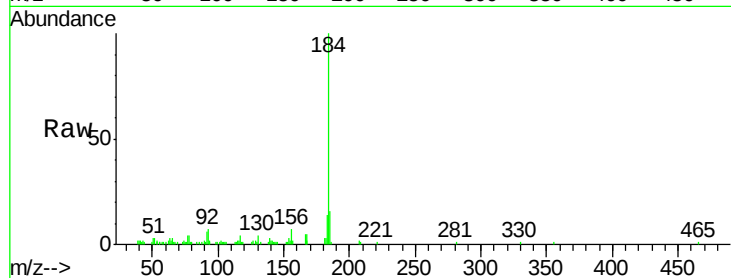




#76
Benzidine
Concen: 5.17 ng
RT: 19.35 min Scan# 2836
Delta R.T. -0.01 min
Lab File: BG017234.D
Acq: 21 May 2015 4:54

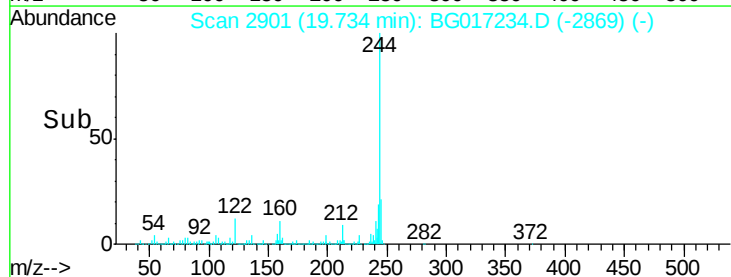
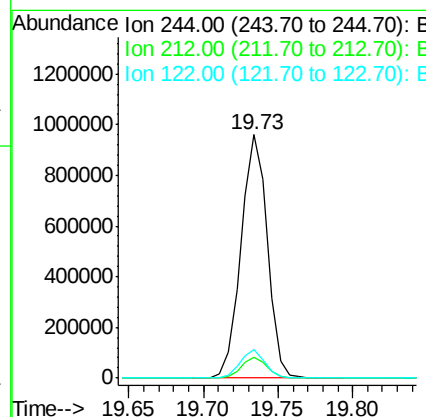
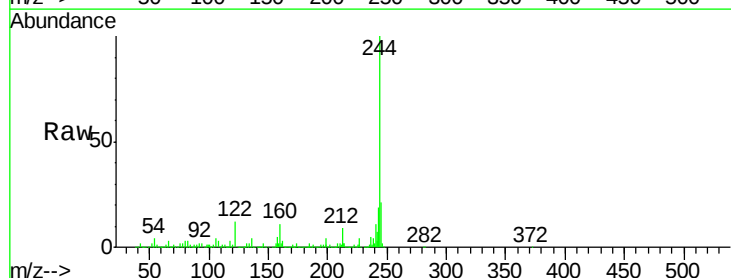
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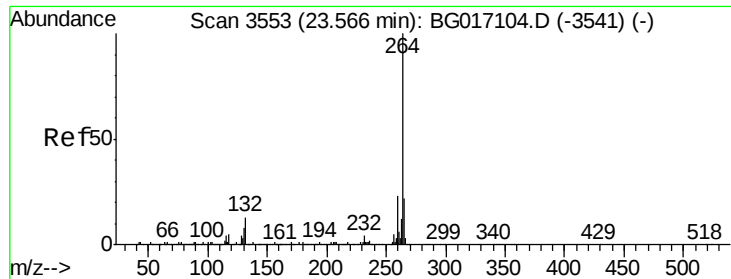
Tgt Ion:184 Resp: 48844
Ion Ratio Lower Upper
184 100
185 16.2 12.4 18.6
183 14.3 11.4 17.2



#78
Terphenyl-d14
Concen: 84.96 ng
RT: 19.73 min Scan# 2901
Delta R.T. -0.01 min
Lab File: BG017234.D
Acq: 21 May 2015 4:54

Tgt Ion:244 Resp: 1178842
Ion Ratio Lower Upper
244 100
212 8.6 7.0 10.4
122 11.9 8.4 12.6





#86

Perylene-d12

Concen: 20.00 ng

RT: 23.55 min Scan# 3550

Delta R.T. -0.02 min

Lab File: BG017234.D

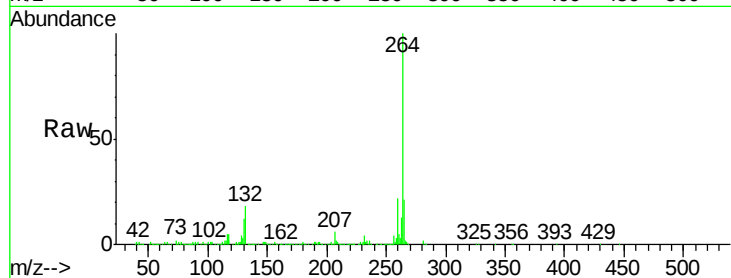
Acq: 21 May 2015 4:54

Instrument :

BNA_G

ClientSampleId :

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Tgt Ion: 264 Resp: 284998

Ion Ratio Lower Upper

264 100

260 21.7 18.0 27.0

265 21.1 17.4 26.0

