

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051115\
 Data File : BG017074.D
 Acq On : 12 May 2015 5:38
 Operator : TP/IZ
 Sample : G2143-09
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-12

Quant Time: May 12 06:34:36 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 12 04:56:17 2015
 Response via : Initial Calibration

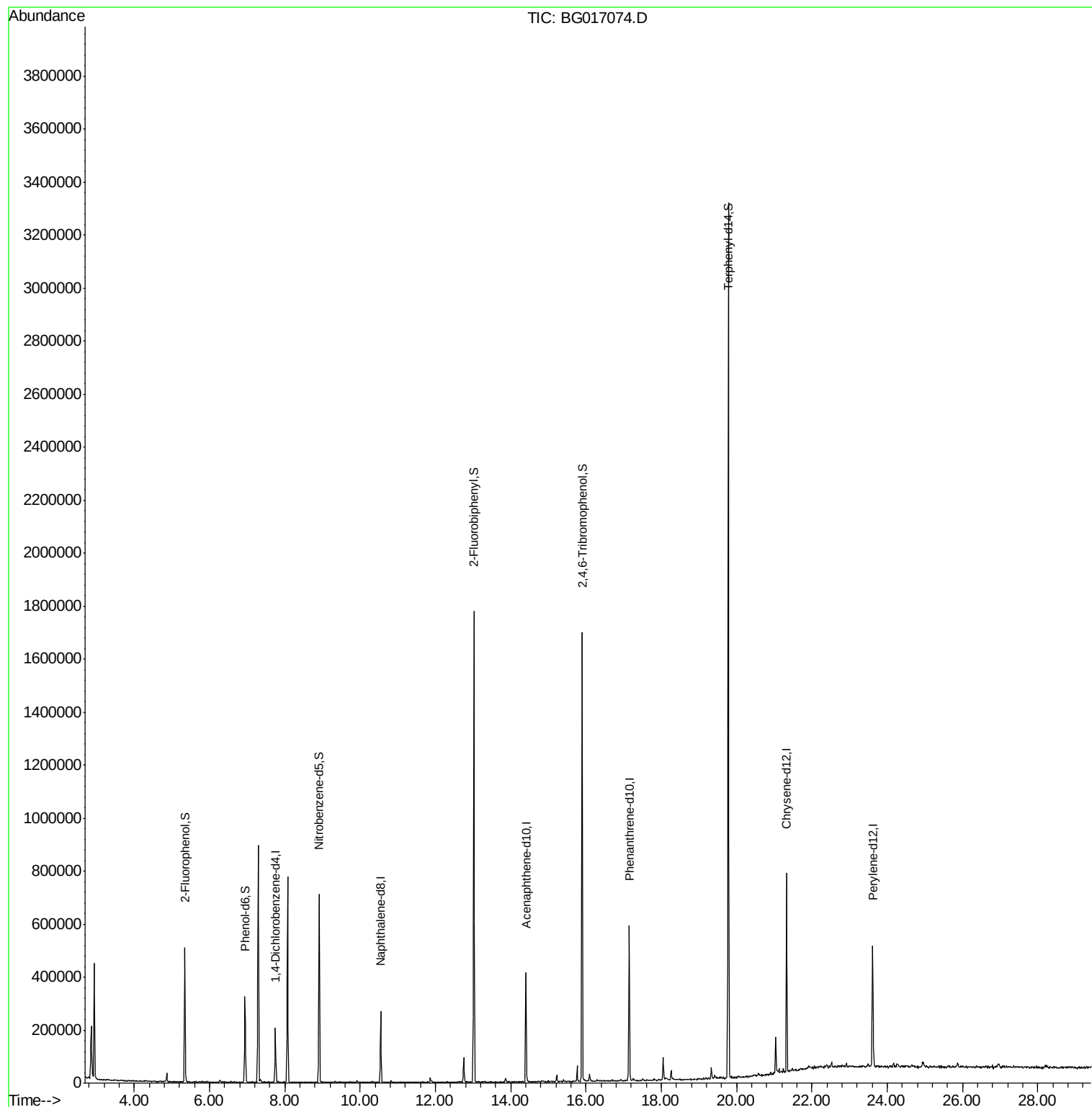
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	47626	20.00	ng	0.00
21) Naphthalene-d8	10.54	136	203696	20.00	ng	0.00
38) Acenaphthene-d10	14.41	164	134186	20.00	ng	0.00
63) Phenanthrene-d10	17.15	188	304005	20.00	ng	0.00
75) Chrysene-d12	21.33	240	324258	20.00	ng	0.00
86) Perylene-d12	23.62	264	314831	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	174893	63.94	ng	0.00
7) Phenol-d6	6.94	99	145303	37.18	ng	0.00
23) Nitrobenzene-d5	8.91	82	362032	86.83	ng	0.00
41) 2,4,6-Tribromophenol	15.90	330	234181	173.84	ng	0.00
44) 2-Fluorobiphenyl	13.02	172	769736	86.56	ng	0.00
78) Terphenyl-d14	19.78	244	1217936	88.05	ng	0.00
Target Compounds						
32) Benzoic acid	9.86	122	74	Below Cal	Qvalue #	1

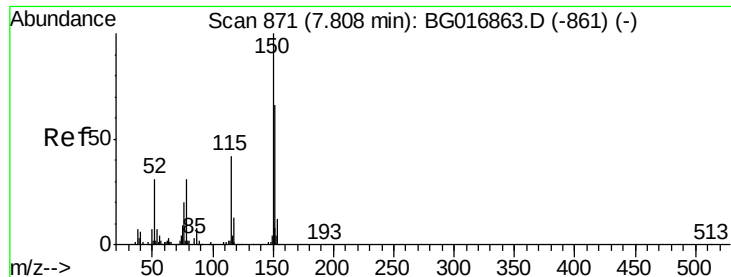
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 12 04:56:17 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.75 min Scan# 861

Delta R.T. -0.01 min

Lab File: BG017074.D

Acq: 12 May 2015 5:38

Instrument :

BNA_G

ClientSampleId :

MW-12

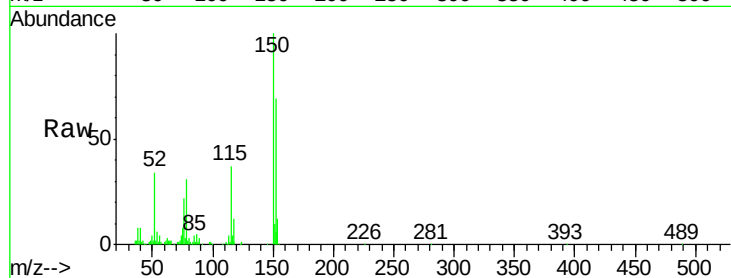
Tgt Ion:152 Resp: 47626

Ion Ratio Lower Upper

152 100

150 143.9 121.0 181.4

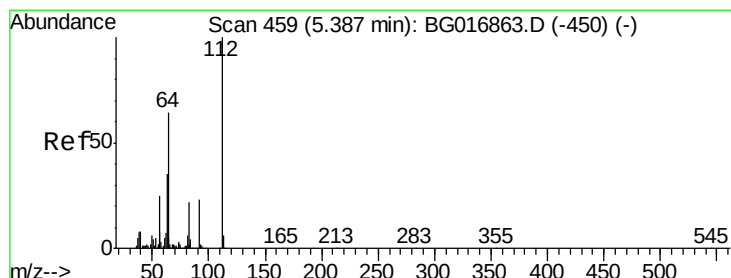
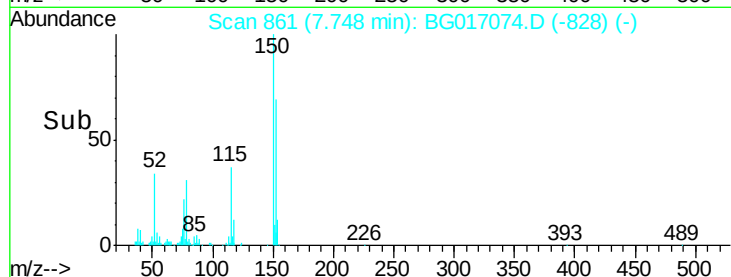
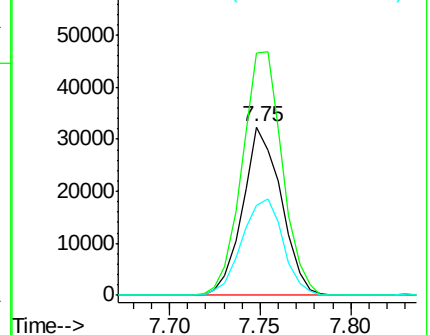
115 53.2 50.5 75.7



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: 63.94 ng

RT: 5.35 min Scan# 452

Delta R.T. -0.00 min

Lab File: BG017074.D

Acq: 12 May 2015 5:38

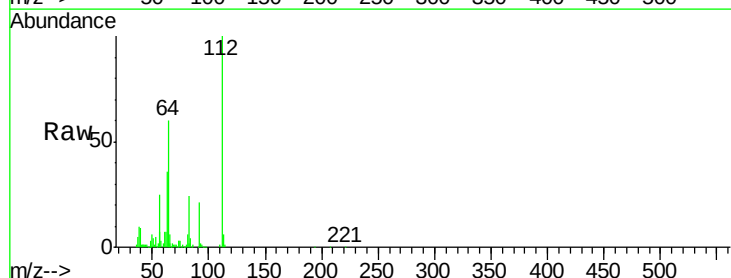
Tgt Ion:112 Resp: 174893

Ion Ratio Lower Upper

112 100

64 59.5 51.4 77.2

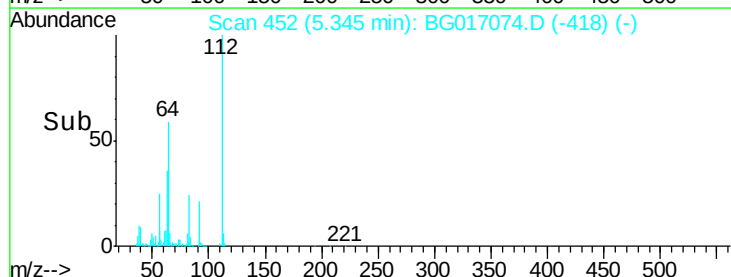
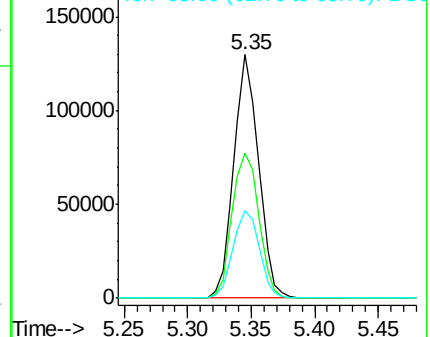
63 36.1 28.1 42.1

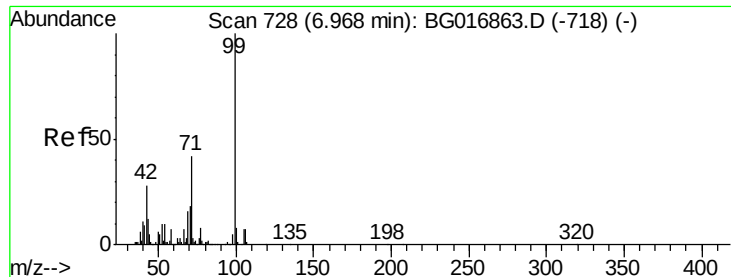


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 37.18 ng

RT: 6.94 min Scan# 724

Delta R.T. -0.00 min

Lab File: BG017074.D

Acq: 12 May 2015 5:38

Instrument :

BNA_G

ClientSampleId :

MW-12

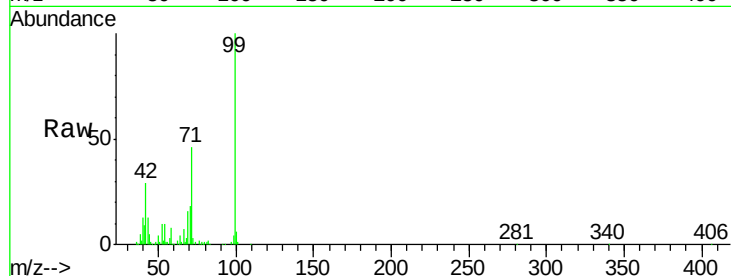
Tgt Ion: 99 Resp: 145303

Ion Ratio Lower Upper

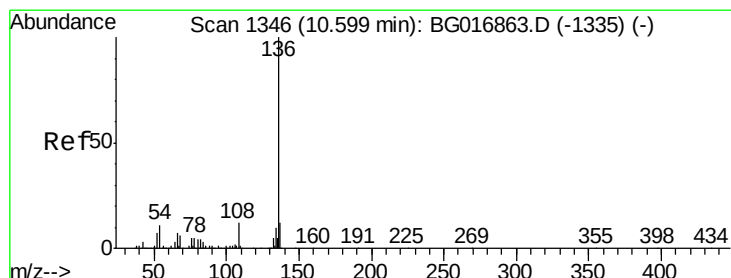
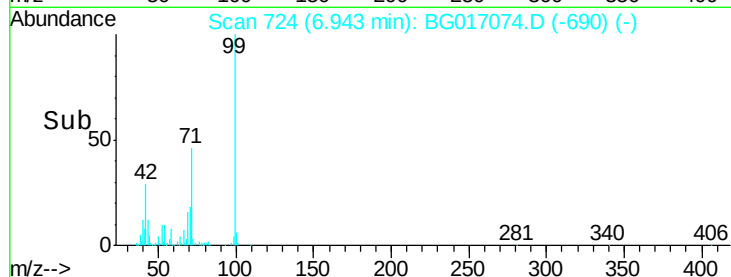
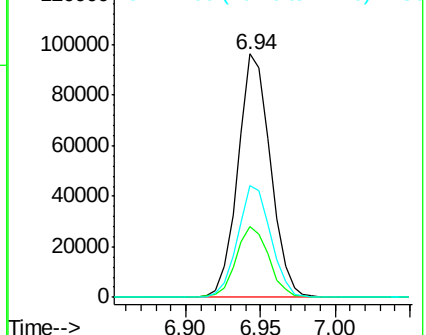
99 100

42 29.1 22.1 33.1

71 45.9 33.4 50.0



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: 10.54 min Scan# 1337

Delta R.T. -0.00 min

Lab File: BG017074.D

Acq: 12 May 2015 5:38

Tgt Ion: 136 Resp: 203696

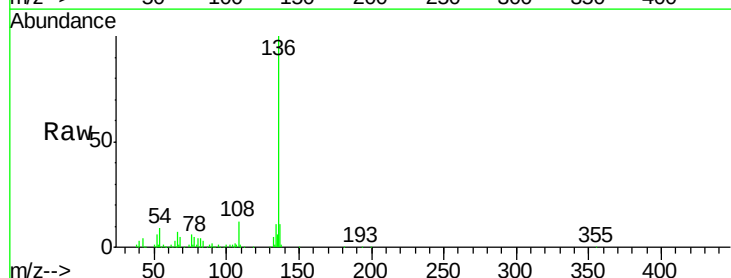
Ion Ratio Lower Upper

136 100

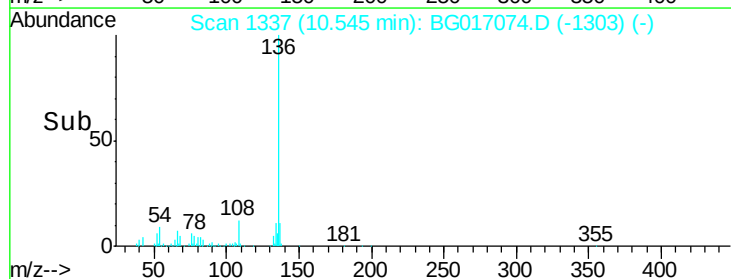
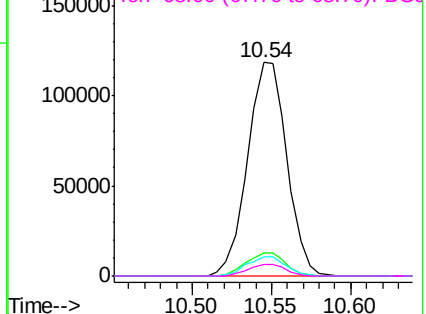
137 10.7 9.8 14.8

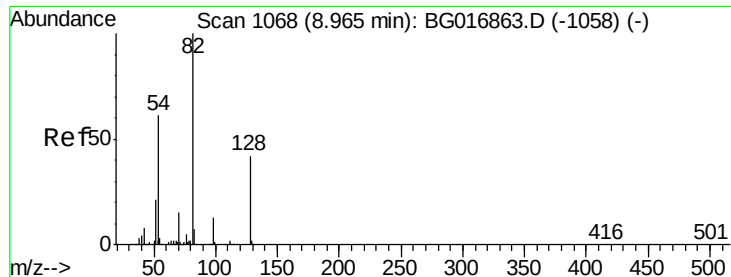
54 8.9 8.7 13.1

68 5.5 5.0 7.4



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

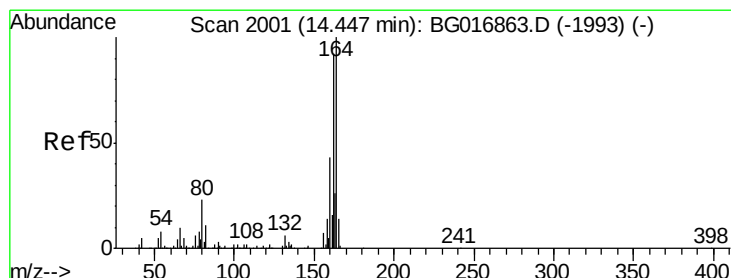
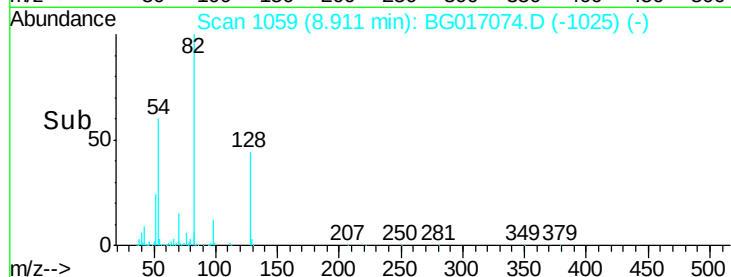
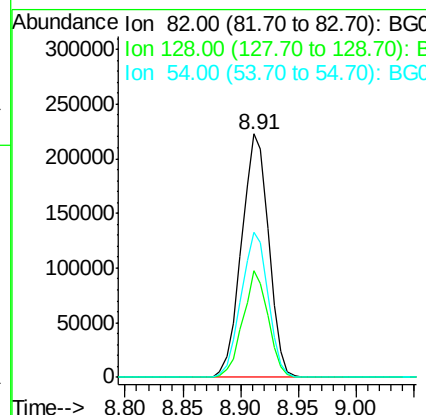
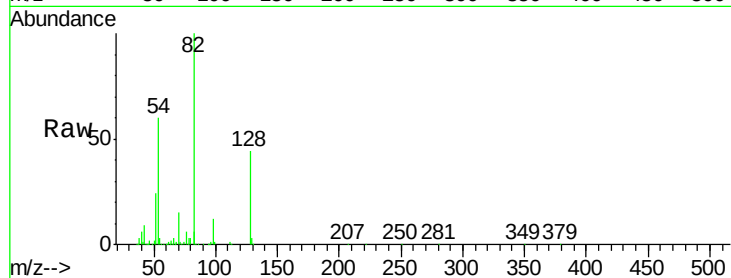




#23
 Nitrobenzene-d5
 Concen: 86.83 ng
 RT: 8.91 min Scan# 1059
 Delta R.T. -0.00 min
 Lab File: BG017074.D
 Acq: 12 May 2015 5:38

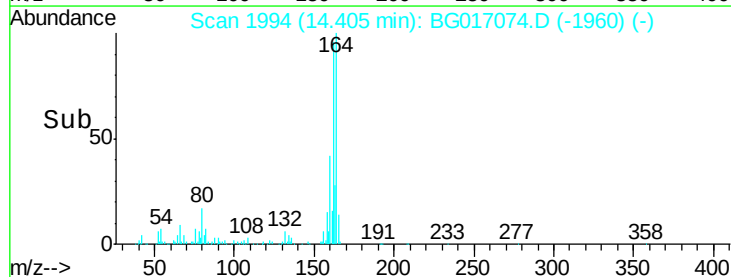
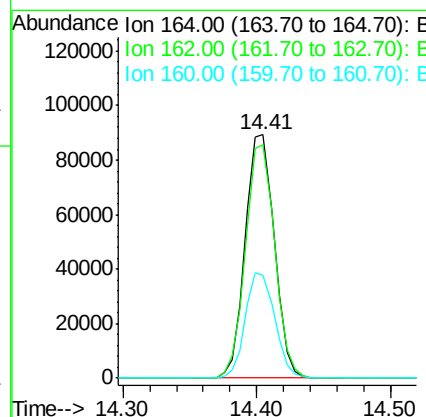
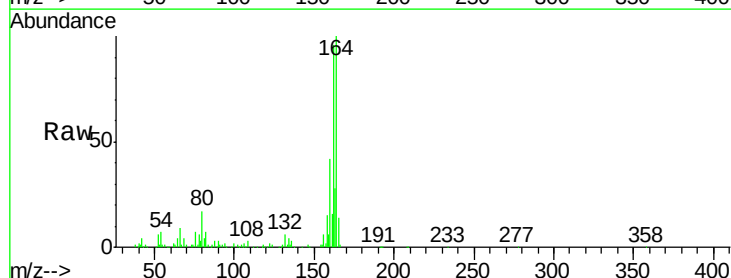
Instrument :
 BNA_G
 ClientSampleId :
 MW-12

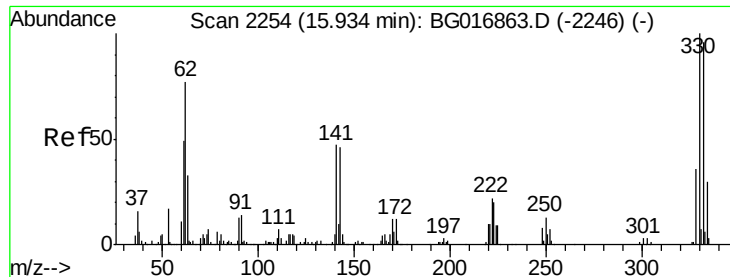
Tgt Ion: 82 Resp: 362032
 Ion Ratio Lower Upper
 82 100
 128 43.7 33.2 49.8
 54 59.5 48.6 72.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.41 min Scan# 1994
 Delta R.T. -0.00 min
 Lab File: BG017074.D
 Acq: 12 May 2015 5:38

Tgt Ion: 164 Resp: 134186
 Ion Ratio Lower Upper
 164 100
 162 96.1 74.0 111.0
 160 42.0 34.7 52.1

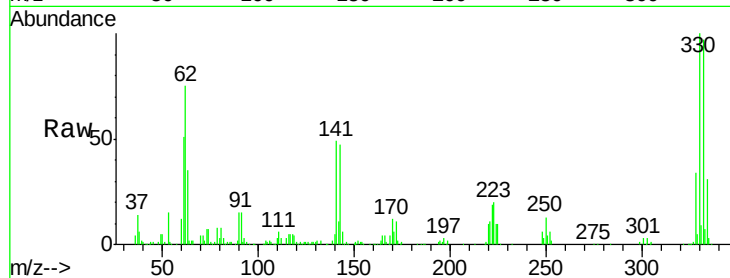




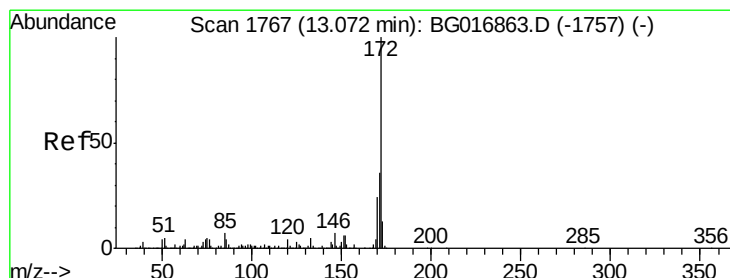
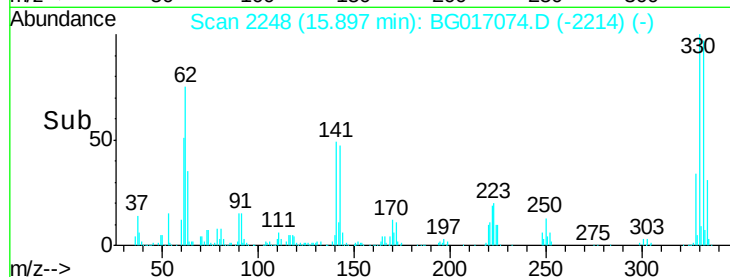
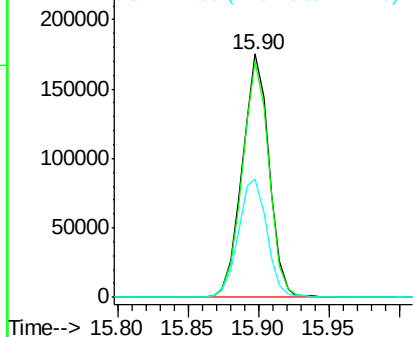
#41
 2,4,6-Tribromophenol
 Concen: 173.84 ng
 RT: 15.90 min Scan# 2248
 Delta R.T. -0.00 min
 Lab File: BG017074.D
 Acq: 12 May 2015 5:38

Instrument :
 BNA_G
 ClientSampleId :
 MW-12

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	0.0	0.0#
141	51.7	0.0	0.0#

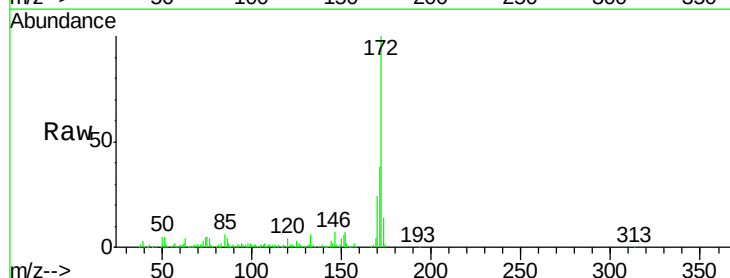


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

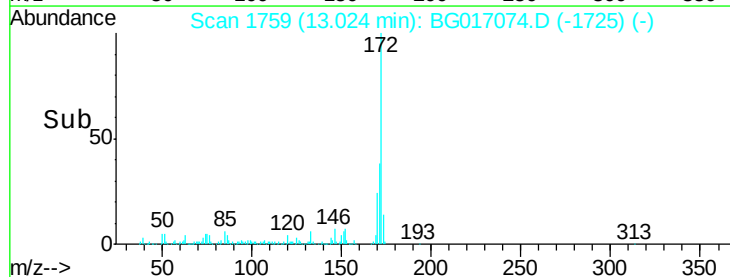
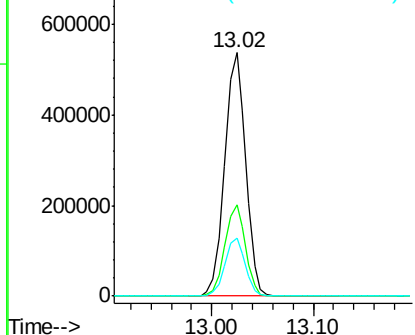


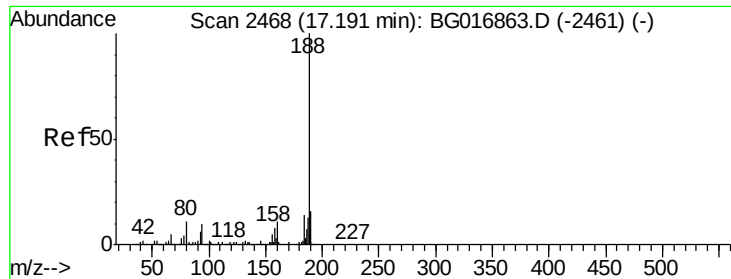
#44
 2-Fluorobiphenyl
 Concen: 86.56 ng
 RT: 13.02 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: BG017074.D
 Acq: 12 May 2015 5:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.0	43.4
170	23.7	19.0	28.4



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

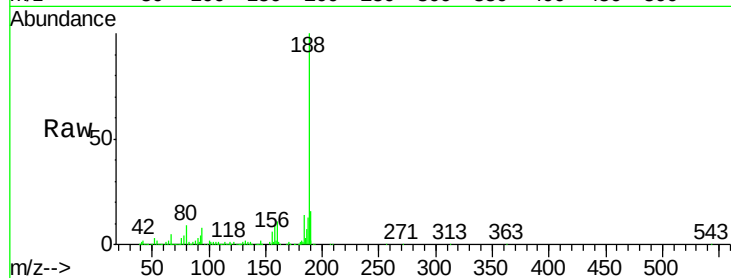




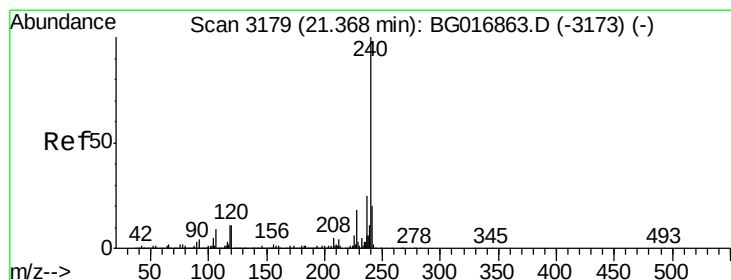
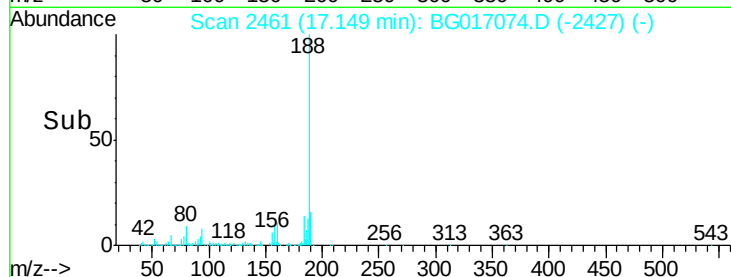
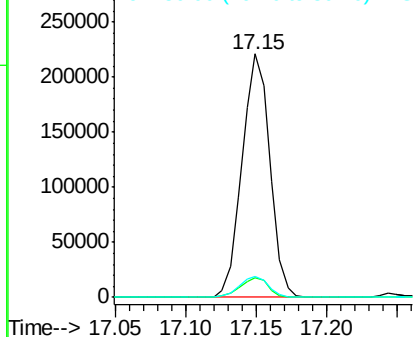
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.15 min Scan# 2461
Delta R.T. -0.00 min
Lab File: BG017074.D
Acq: 12 May 2015 5:38

Instrument :
BNA_G
ClientSampleId :
MW-12

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	8.2	12.4#
80	8.8	8.8	13.2#

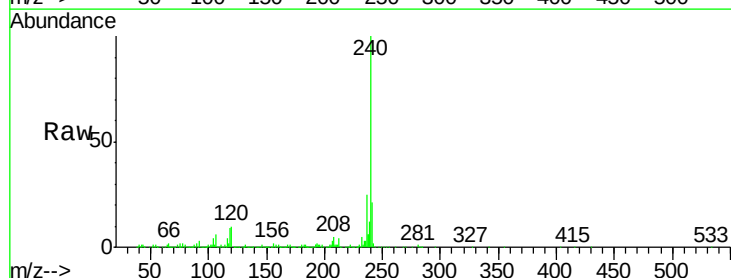


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG0
Ion 80.00 (79.70 to 80.70): BG0

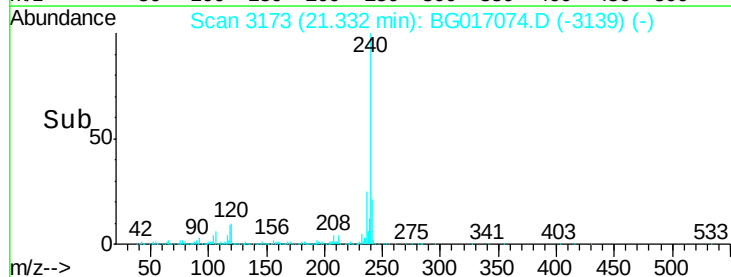
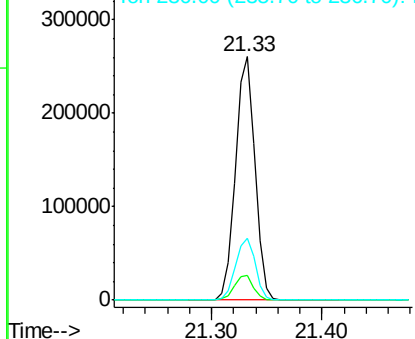


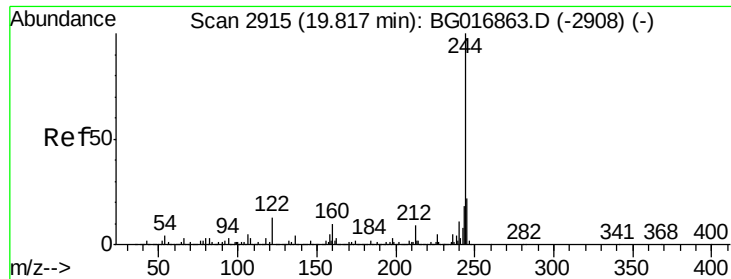
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.33 min Scan# 3173
Delta R.T. -0.00 min
Lab File: BG017074.D
Acq: 12 May 2015 5:38

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.1	13.7
236	25.3	20.2	30.4



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: 88.05 ng

RT: 19.78 min Scan# 2909

Delta R.T. -0.00 min

Lab File: BG017074.D

Acq: 12 May 2015 5:38

Instrument :

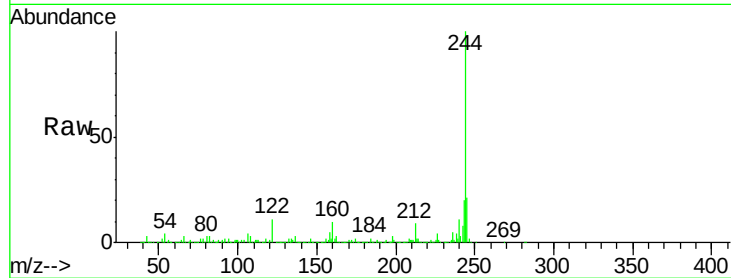
BNA_G

ClientSampled :

MW-12

Tgt Ion:244 Resp: 1217936

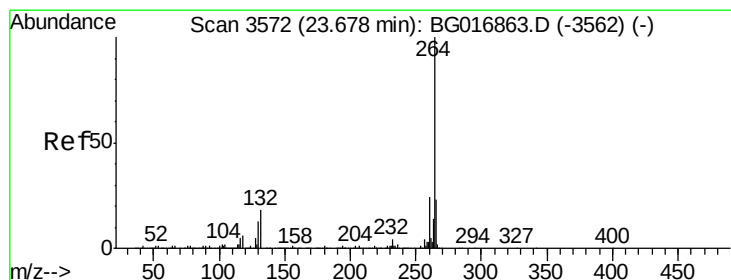
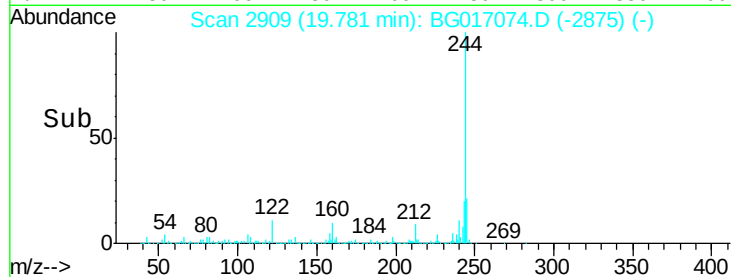
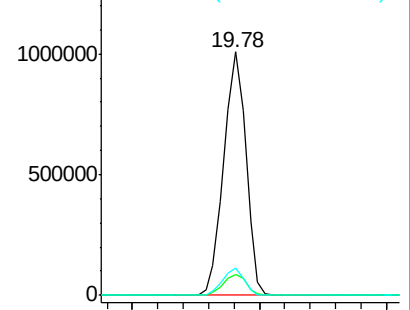
Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.0	10.6
122	11.0	10.4	15.6



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: 23.62 min Scan# 3562

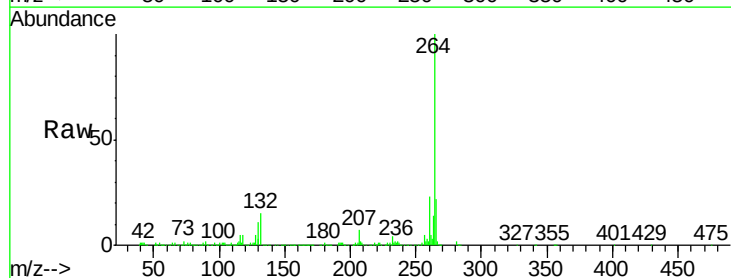
Delta R.T. -0.00 min

Lab File: BG017074.D

Acq: 12 May 2015 5:38

Tgt Ion:264 Resp: 314831

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	22.1	18.5	27.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

