

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
 Data File : BG017003.D
 Acq On : 9 May 2015 23:16
 Operator : TP/IZ
 Sample : G2104-01
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-107

Quant Time: May 11 01:24:24 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 05 16:13:58 2015
 Response via : Initial Calibration

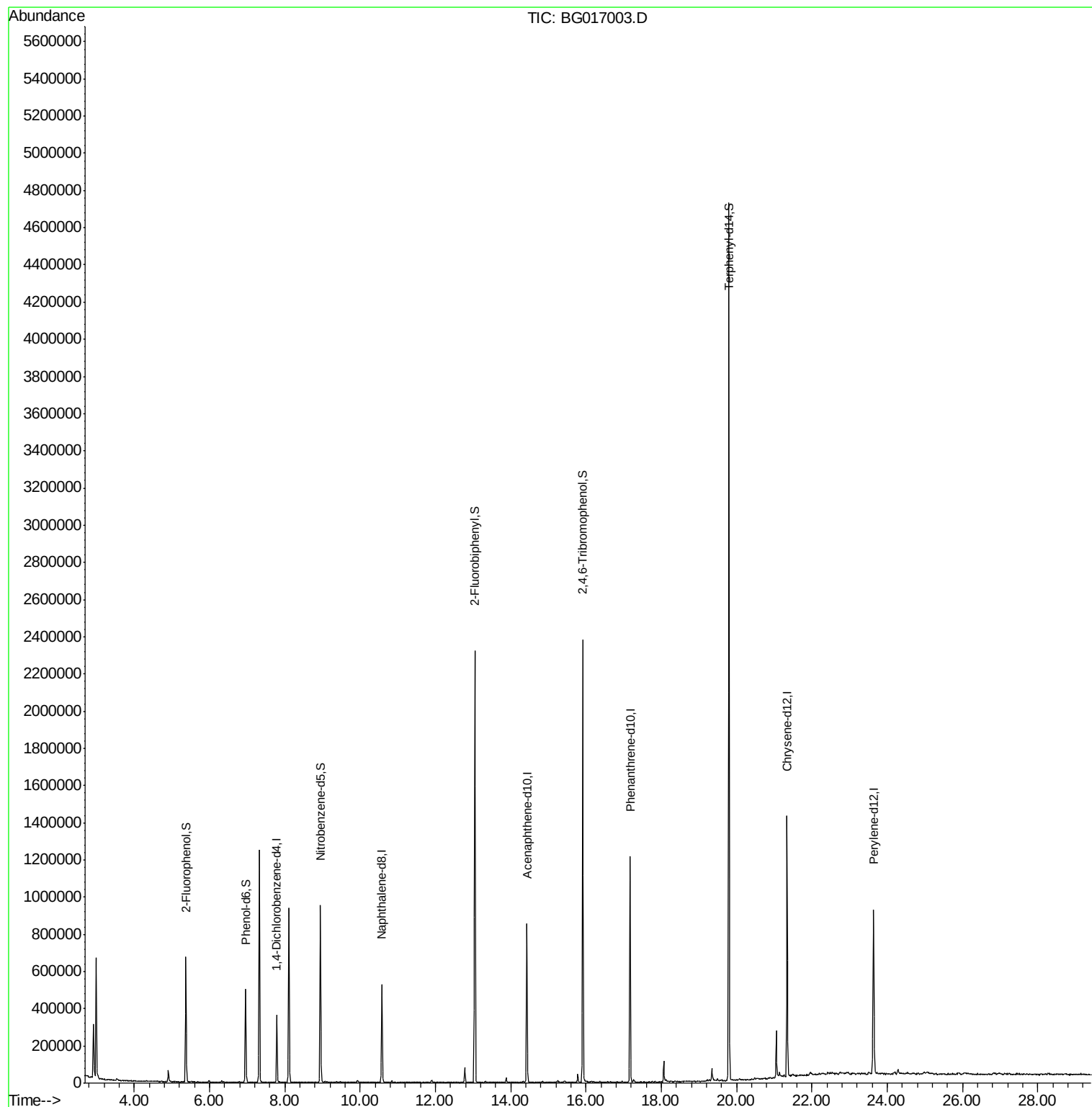
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	80457	20.00	ng	-0.02
21) Naphthalene-d8	10.58	136	369572	20.00	ng	-0.02
38) Acenaphthene-d10	14.43	164	264313	20.00	ng	-0.02
63) Phenanthrene-d10	17.17	188	620856	20.00	ng	-0.02
75) Chrysene-d12	21.34	240	603979	20.00	ng	-0.03
86) Perylene-d12	23.64	264	582874	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	238766	51.67	ng	-0.01
7) Phenol-d6	6.96	99	237295	35.95	ng	0.00
23) Nitrobenzene-d5	8.95	82	501340	66.27	ng	-0.02
41) 2,4,6-Tribromophenol	15.92	330	334428	126.04	ng	-0.01
44) 2-Fluorobiphenyl	13.05	172	1063761	60.73	ng	-0.02
78) Terphenyl-d14	19.80	244	1720636	66.78	ng	-0.02
Target Compounds						
32) Benzoic acid	9.87	122	62	Below Cal	Qvalue #	1

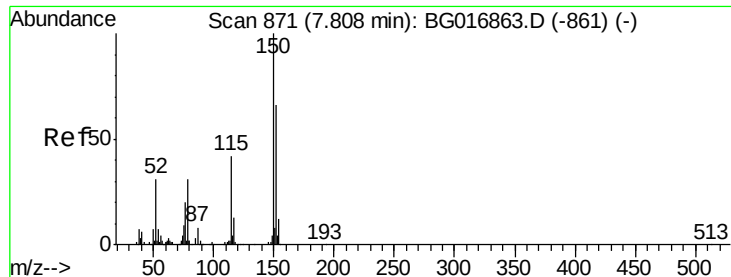
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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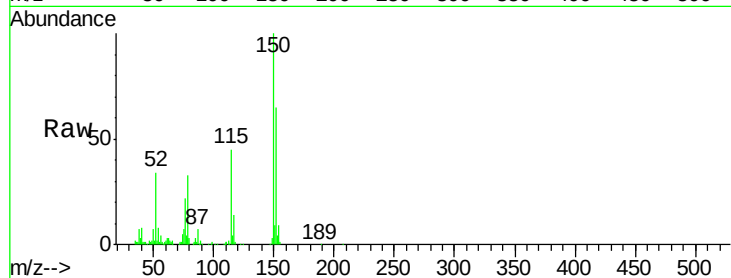


#1

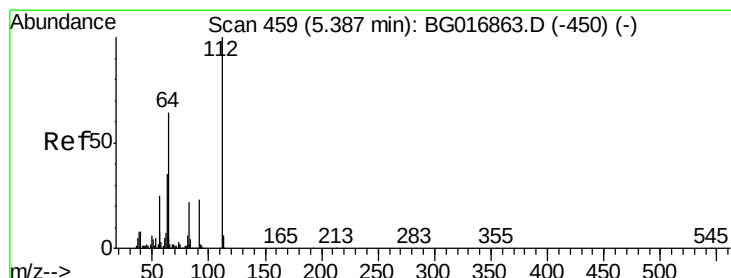
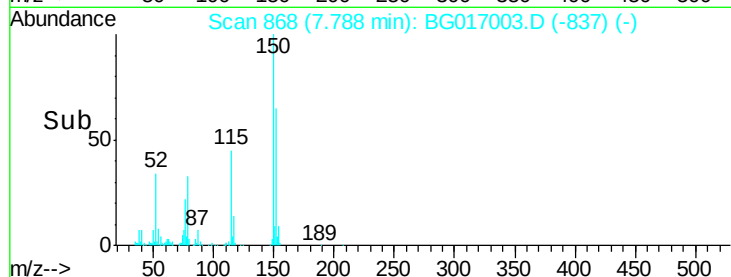
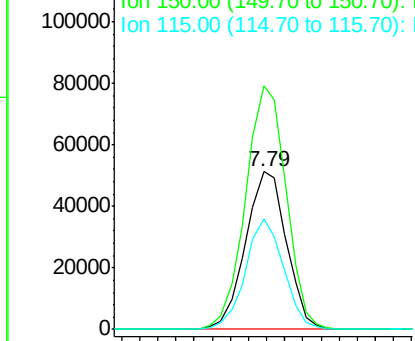
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.79 min Scan# 868
Delta R.T. -0.02 min
Lab File: BG017003.D
Acq: 9 May 2015 23:16

Instrument :
BNA_G
ClientSampleId :
MW-107

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.6	121.0	181.4
115	70.0	50.5	75.7



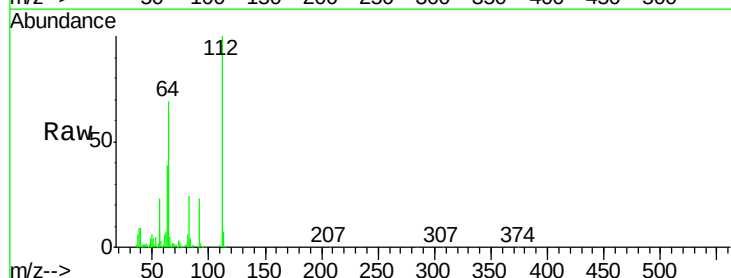
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



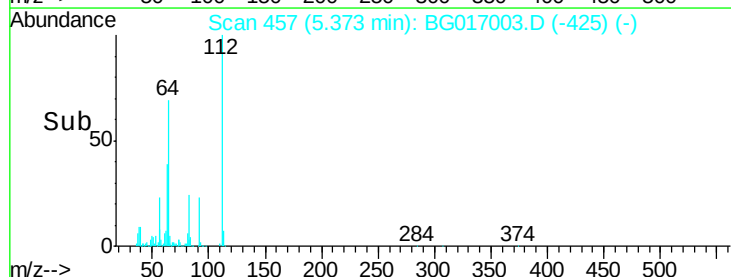
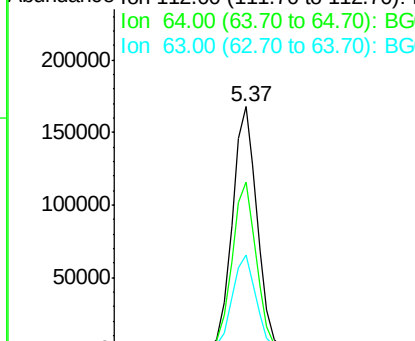
#5

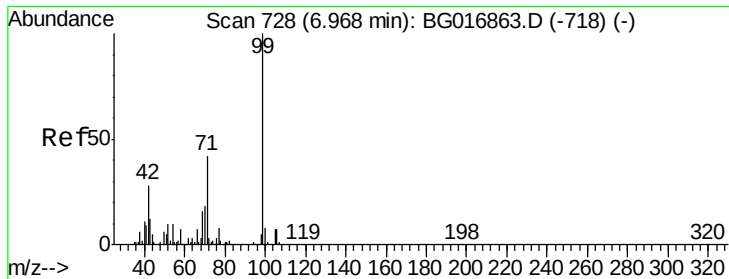
2-Fluorophenol
Concen: 51.67 ng
RT: 5.37 min Scan# 457
Delta R.T. -0.01 min
Lab File: BG017003.D
Acq: 9 May 2015 23:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.9	51.4	77.2
63	39.2	28.1	42.1



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: 35.95 ng

RT: 6.96 min Scan# 727

Delta R.T. -0.01 min

Lab File: BG017003.D

Acq: 9 May 2015 23:16

Instrument :

BNA_G

ClientSampleId :

MW-107

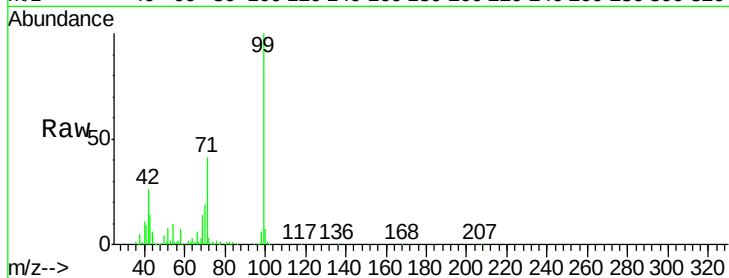
Tgt Ion: 99 Resp: 237295

Ion Ratio Lower Upper

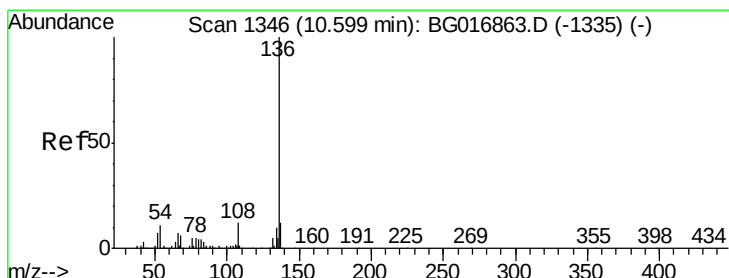
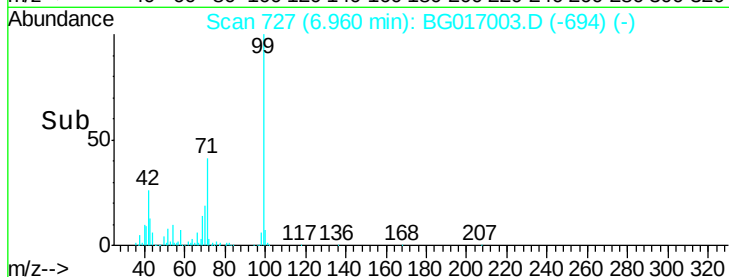
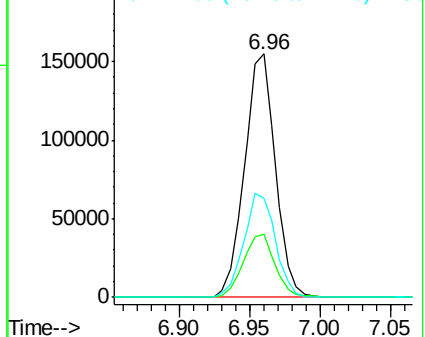
99 100

42 25.8 22.1 33.1

71 40.6 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: 10.58 min Scan# 1343

Delta R.T. -0.02 min

Lab File: BG017003.D

Acq: 9 May 2015 23:16

Tgt Ion: 136 Resp: 369572

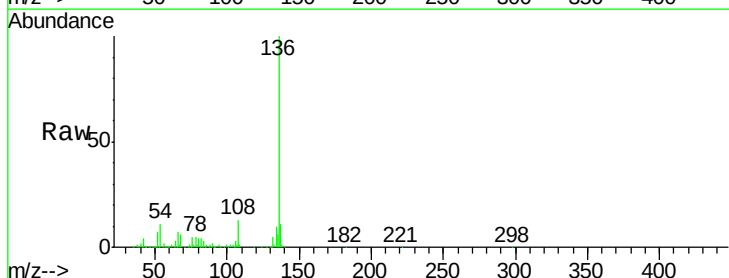
Ion Ratio Lower Upper

136 100

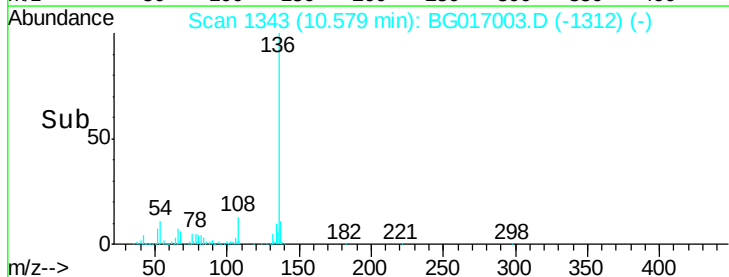
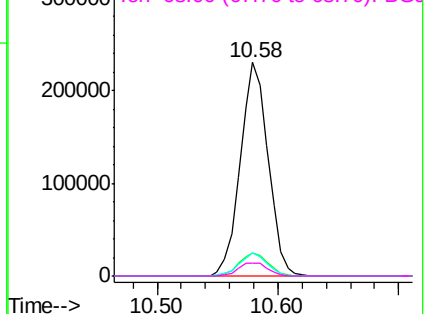
137 10.7 9.8 14.8

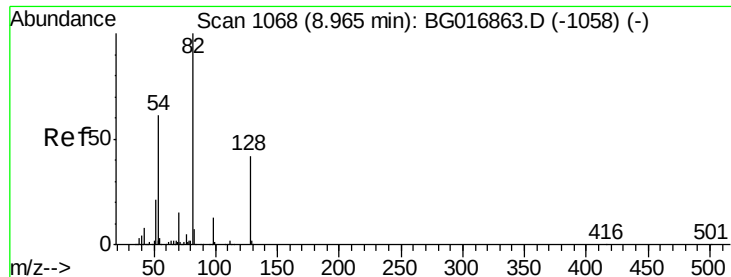
54 10.7 8.7 13.1

68 6.0 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

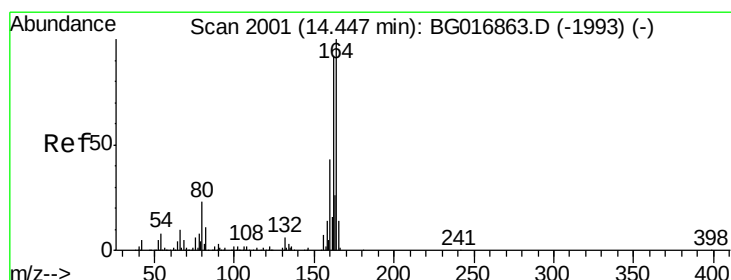
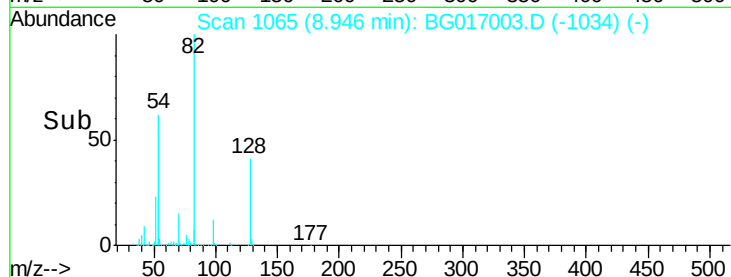
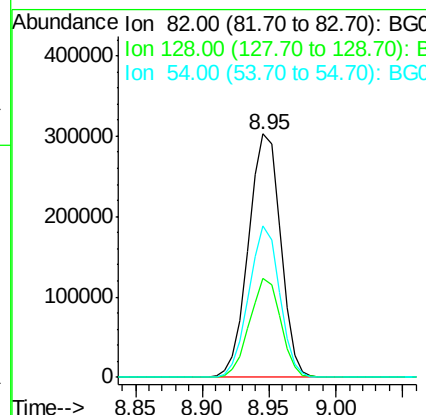
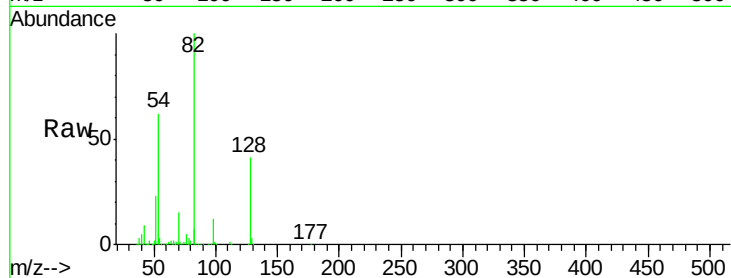




#23
 Nitrobenzene-d5
 Concen: 66.27 ng
 RT: 8.95 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BG017003.D
 Acq: 9 May 2015 23:16

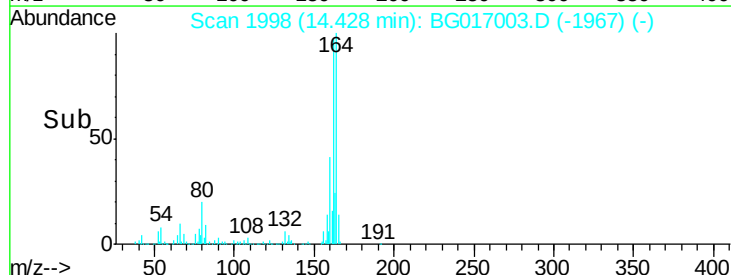
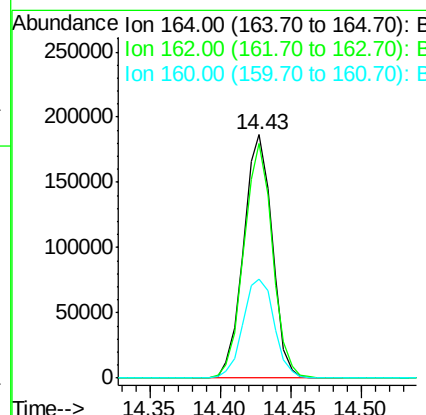
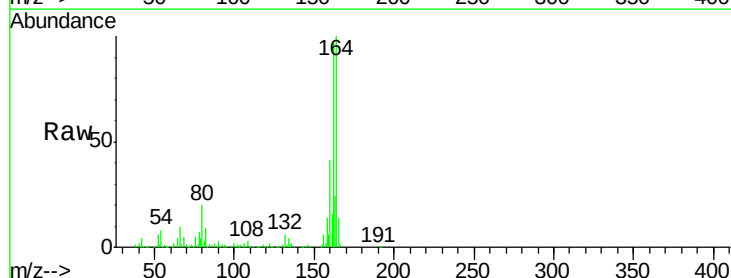
Instrument :
 BNA_G
 ClientSampleId :
 MW-107

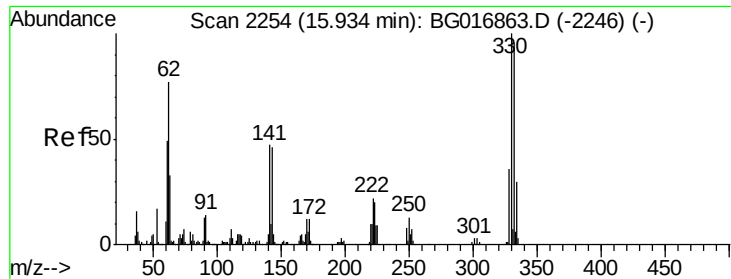
Tgt Ion: 82 Resp: 501340
 Ion Ratio Lower Upper
 82 100
 128 40.8 33.2 49.8
 54 62.3 48.6 72.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.43 min Scan# 1998
 Delta R.T. -0.02 min
 Lab File: BG017003.D
 Acq: 9 May 2015 23:16

Tgt Ion: 164 Resp: 264313
 Ion Ratio Lower Upper
 164 100
 162 96.5 74.0 111.0
 160 40.6 34.7 52.1

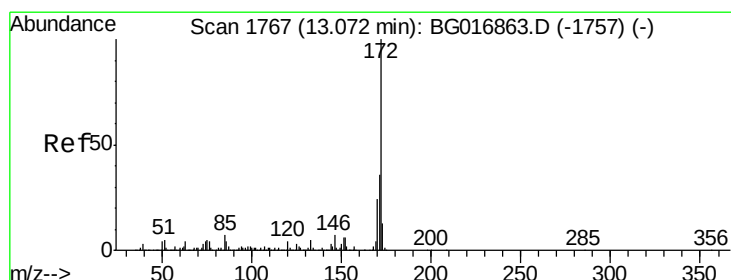
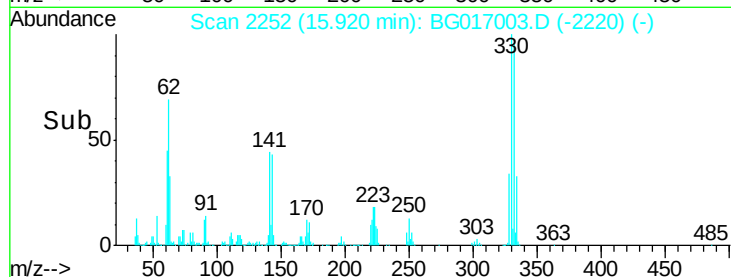
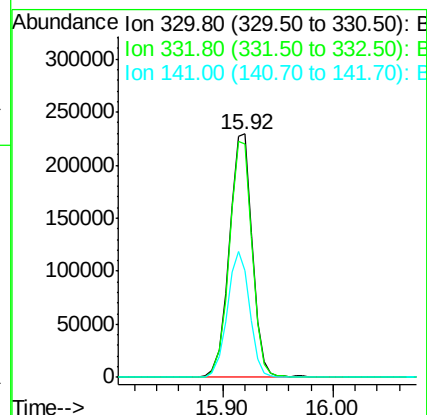
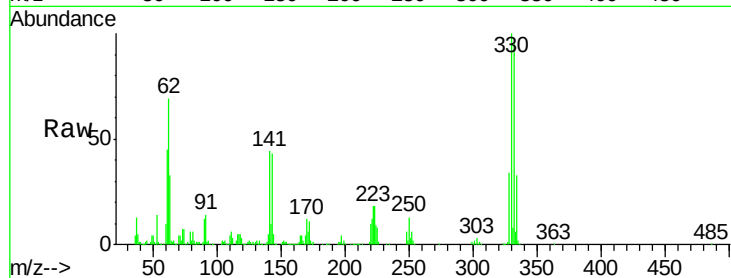




#41
 2,4,6-Tribromophenol
 Concen: 126.04 ng
 RT: 15.92 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: BG017003.D
 Acq: 9 May 2015 23:16

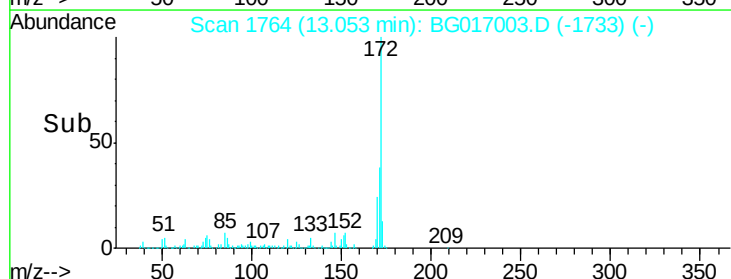
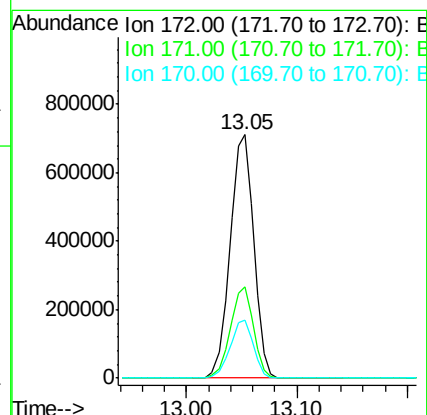
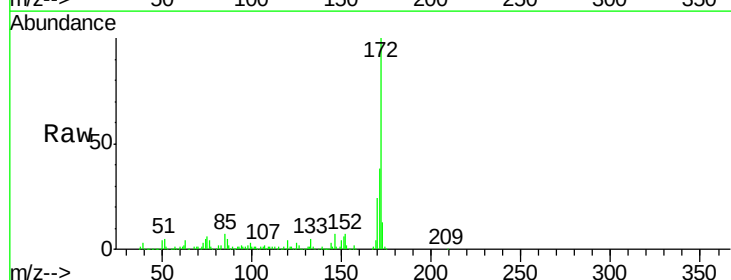
Instrument :
 BNA_G
 ClientSampleId :
 MW-107

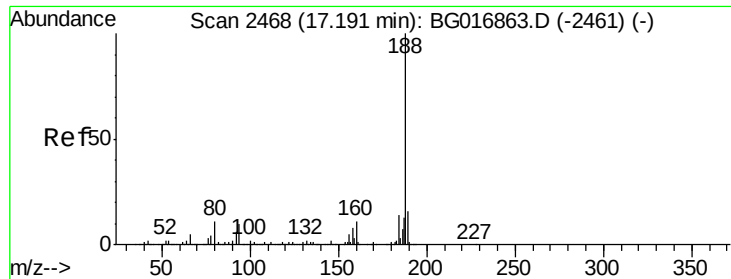
Tgt Ion:330 Resp: 334428
 Ion Ratio Lower Upper
 330 100
 332 96.1 0.0 0.0#
 141 50.0 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 60.73 ng
 RT: 13.05 min Scan# 1764
 Delta R.T. -0.02 min
 Lab File: BG017003.D
 Acq: 9 May 2015 23:16

Tgt Ion:172 Resp: 1063761
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.0 43.4
 170 23.9 19.0 28.4

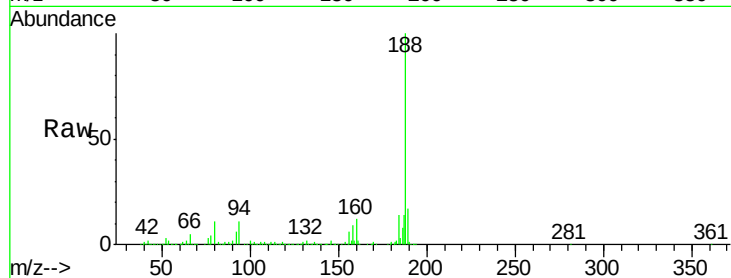




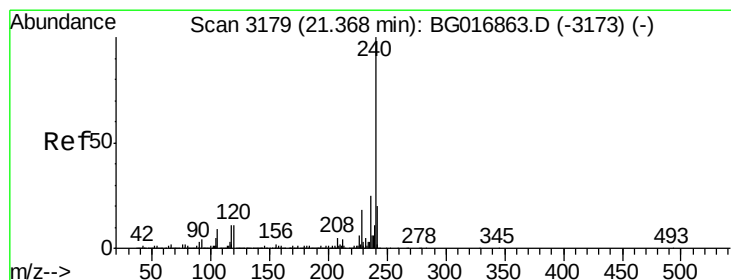
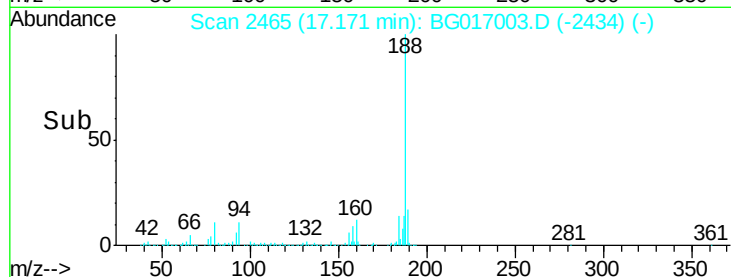
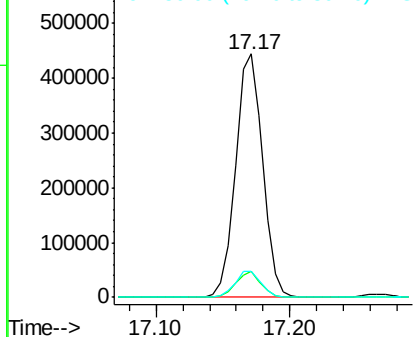
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.17 min Scan# 2465
Delta R.T. -0.02 min
Lab File: BG017003.D
Acq: 9 May 2015 23:16

Instrument :
BNA_G
ClientSampleId :
MW-107

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.2	12.4
80	10.6	8.8	13.2

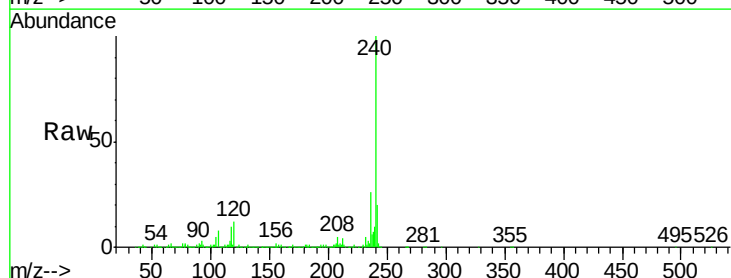


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): B
Ion 80.00 (79.70 to 80.70): B

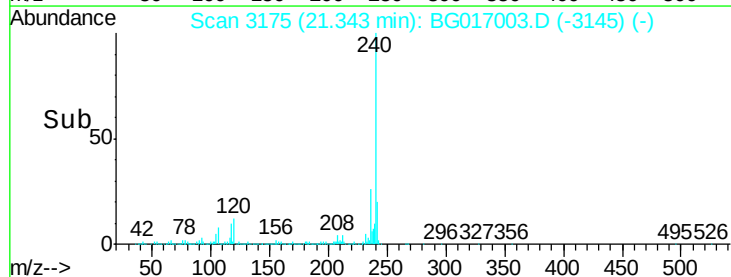
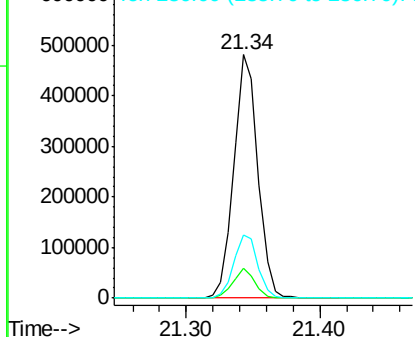


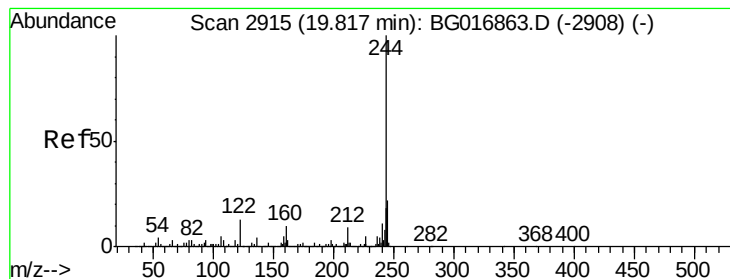
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.34 min Scan# 3175
Delta R.T. -0.03 min
Lab File: BG017003.D
Acq: 9 May 2015 23:16

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.1	13.7
236	26.1	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: 66.78 ng

RT: 19.80 min Scan# 2912

Delta R.T. -0.02 min

Lab File: BG017003.D

Acq: 9 May 2015 23:16

Instrument :

BNA_G

ClientSampleId :

MW-107

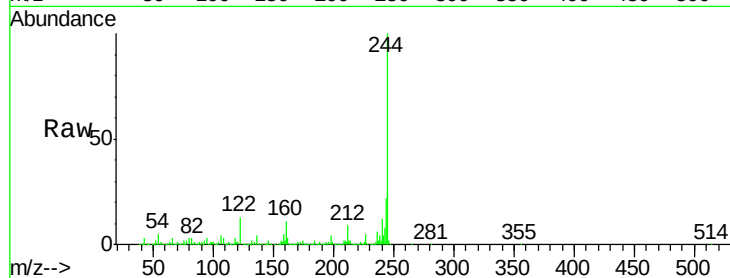
Tgt Ion:244 Resp: 1720636

Ion Ratio Lower Upper

244 100

212 9.3 7.0 10.6

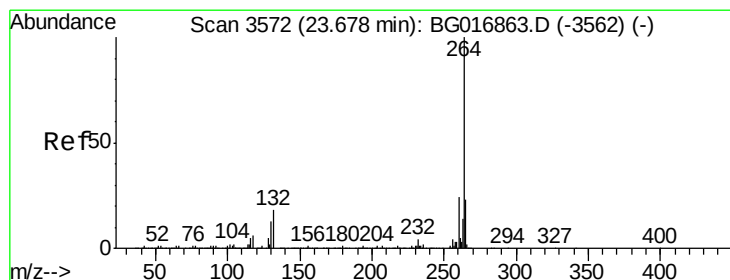
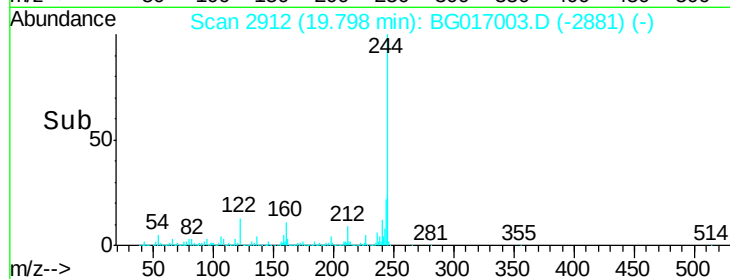
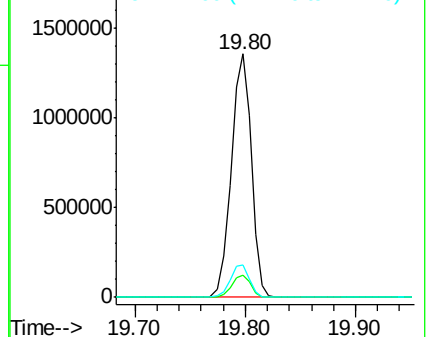
122 13.5 10.4 15.6



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: 23.64 min Scan# 3566

Delta R.T. -0.04 min

Lab File: BG017003.D

Acq: 9 May 2015 23:16

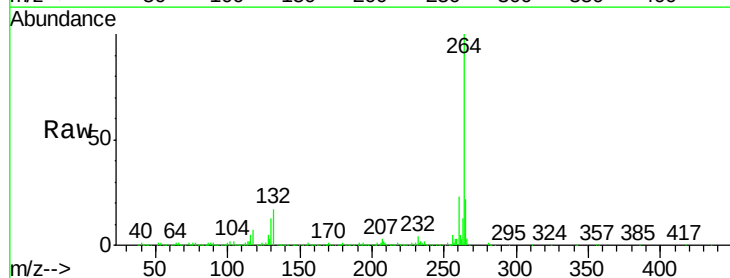
Tgt Ion:264 Resp: 582874

Ion Ratio Lower Upper

264 100

260 23.3 19.5 29.3

265 21.6 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

