

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
 Data File : BG017042.D
 Acq On : 11 May 2015 2:30
 Operator : TP/IZ
 Sample : G2109-08
 Misc :
 ALS Vial : 81 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-28

Quant Time: May 11 05:39:13 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 11 05:17:53 2015
 Response via : Initial Calibration

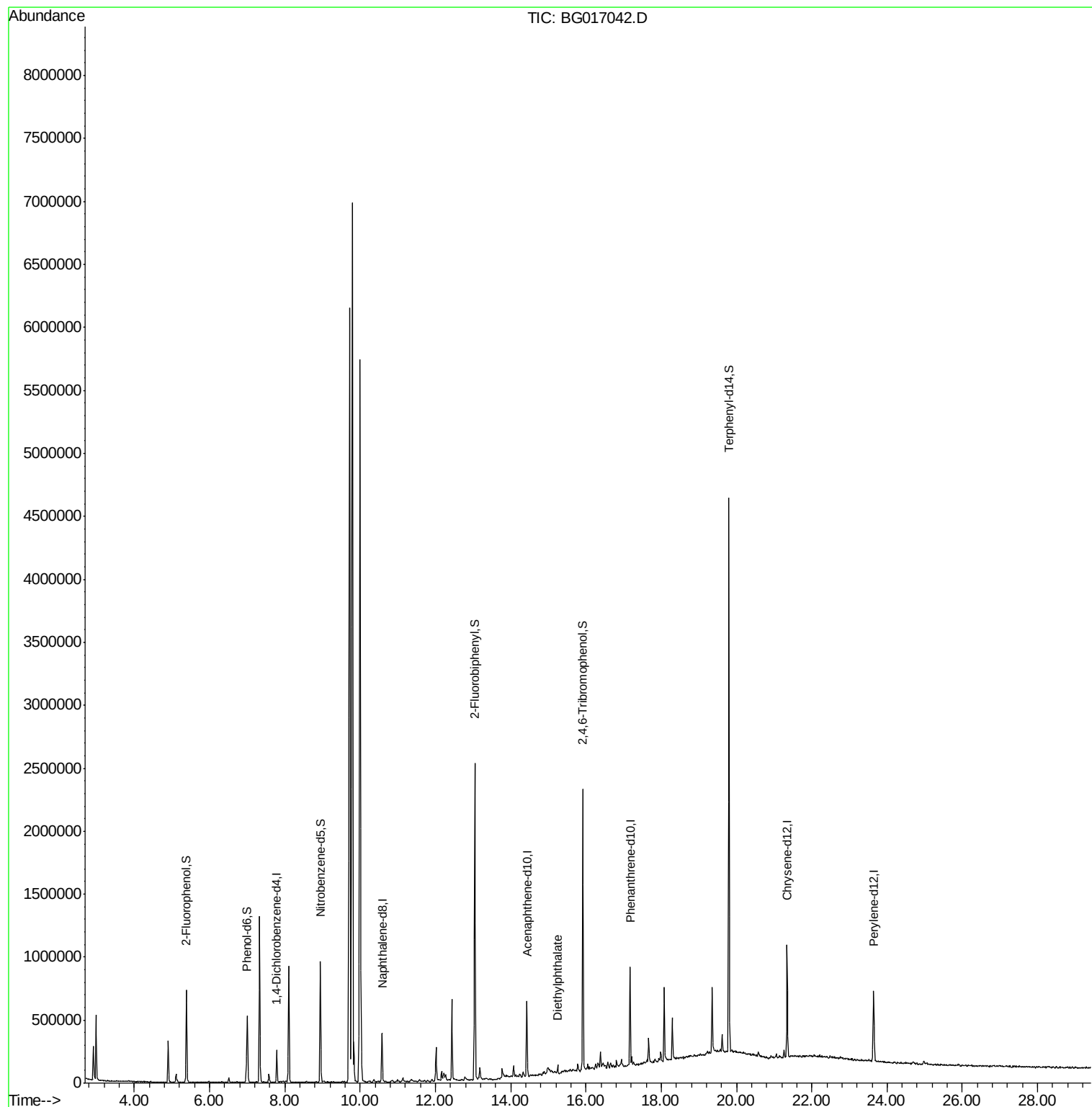
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	60707	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	288955	20.00	ng	0.00
38) Acenaphthene-d10	14.43	164	191099	20.00	ng	0.00
63) Phenanthrene-d10	17.17	188	418399	20.00	ng	0.00
75) Chrysene-d12	21.35	240	408698	20.00	ng	0.00
86) Perylene-d12	23.64	264	404846	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	276193	79.22	ng	0.00
7) Phenol-d6	7.00	99	307883	61.81	ng	0.03
23) Nitrobenzene-d5	8.95	82	501720	84.82	ng	0.00
41) 2,4,6-Tribromophenol	15.92	330	326017	169.94	ng	0.00
44) 2-Fluorobiphenyl	13.05	172	1086473	85.79	ng	0.00
78) Terphenyl-d14	19.80	244	1614725	92.62	ng	0.00
Target Compounds						
59) Diethylphthalate	15.25	149	30962	2.06	ng	Qvalue # 93

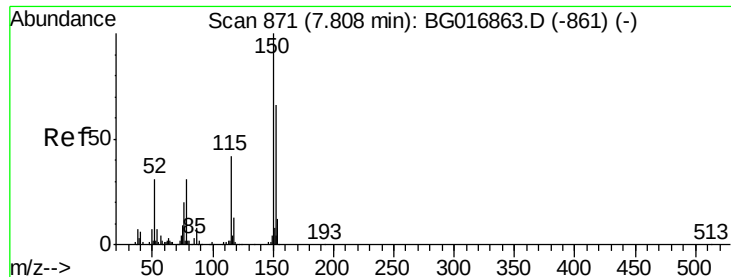
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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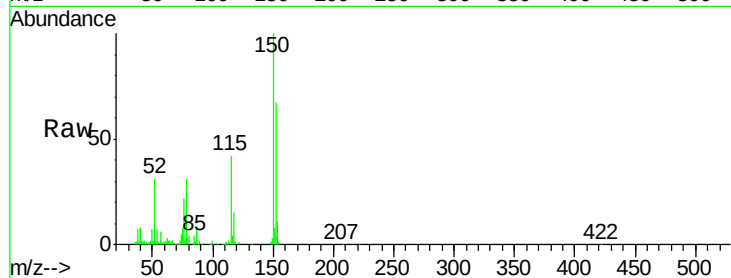


#1

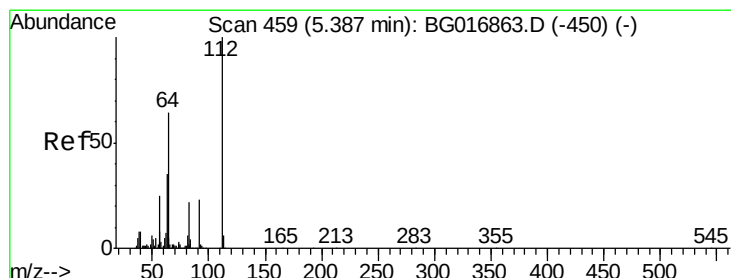
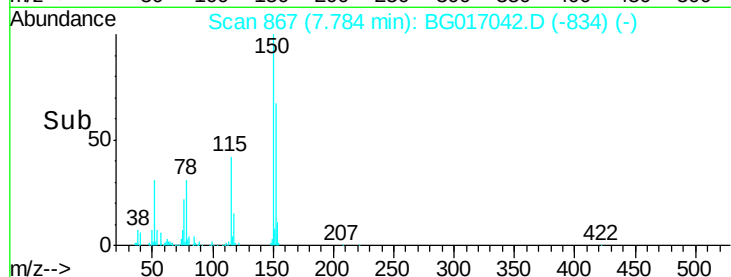
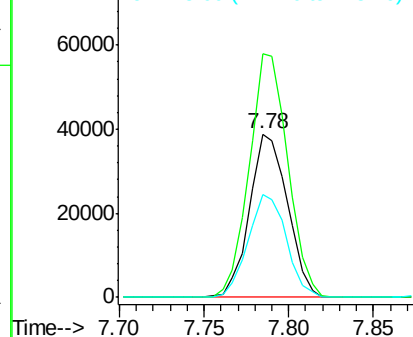
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.78 min Scan# 867
 Delta R.T. -0.00 min
 Lab File: BG017042.D
 Acq: 11 May 2015 2:30

Instrument :
 BNA_G
 ClientSampleId :
 W-28

Tgt Ion	Ratio	Lower	Upper
152	100		
150	148.8	121.0	181.4
115	63.1	50.5	75.7



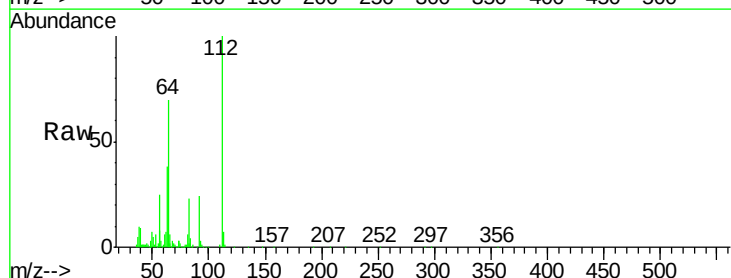
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



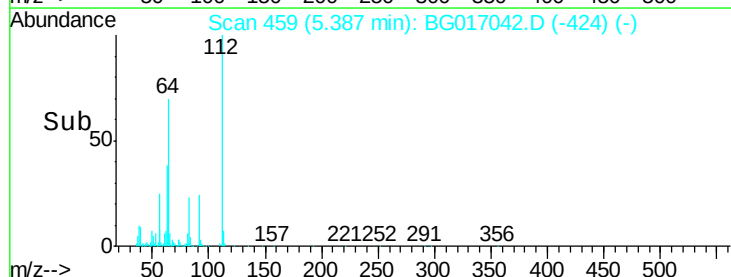
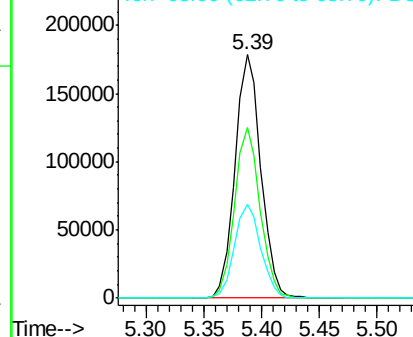
#5

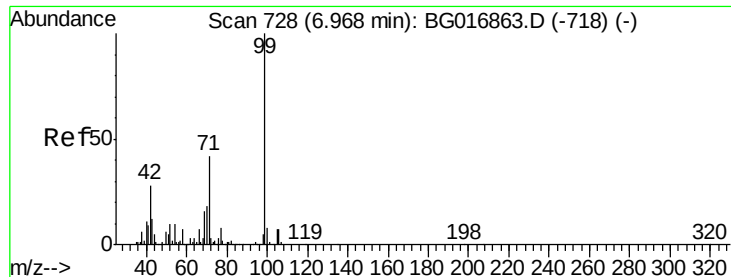
2-Fluorophenol
 Concen: 79.22 ng
 RT: 5.39 min Scan# 459
 Delta R.T. 0.01 min
 Lab File: BG017042.D
 Acq: 11 May 2015 2:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.0	51.4	77.2
63	38.4	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: 61.81 ng

RT: 7.00 min Scan# 734

Delta R.T. 0.03 min

Lab File: BG017042.D

Acq: 11 May 2015 2:30

Instrument :

BNA_G

ClientSampleId :

W-28

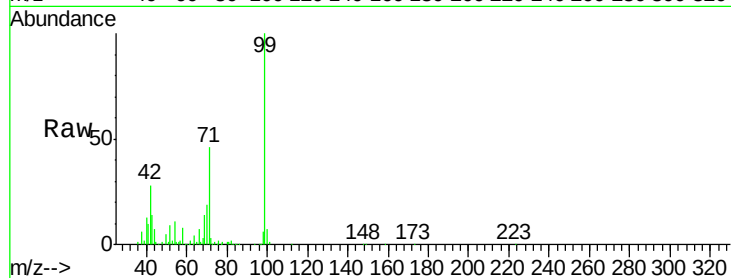
Tgt Ion: 99 Resp: 307883

Ion Ratio Lower Upper

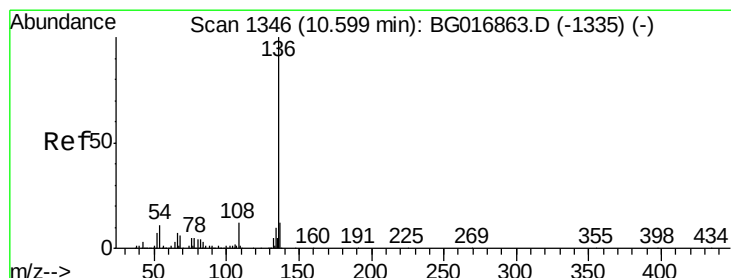
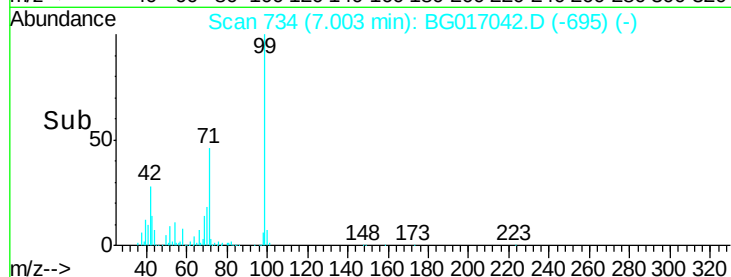
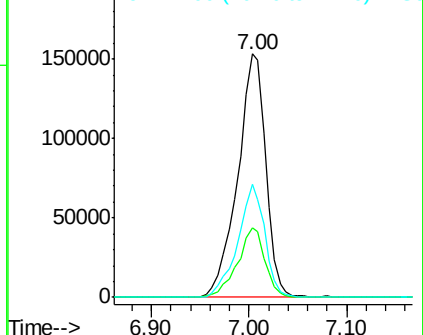
99 100

42 28.3 22.1 33.1

71 46.3 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. 0.00 min

Lab File: BG017042.D

Acq: 11 May 2015 2:30

Tgt Ion: 136 Resp: 288955

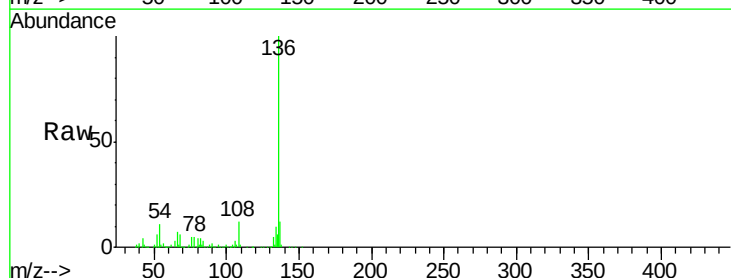
Ion Ratio Lower Upper

136 100

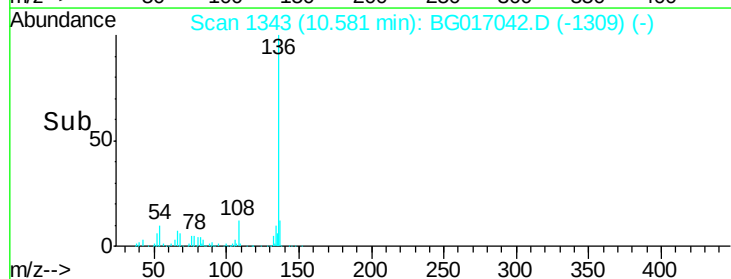
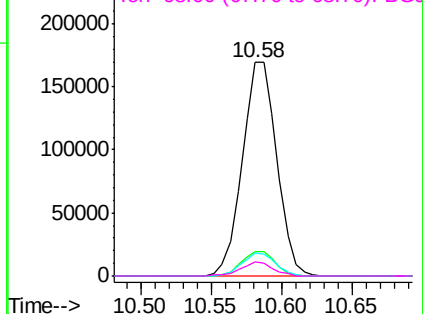
137 11.6 9.8 14.8

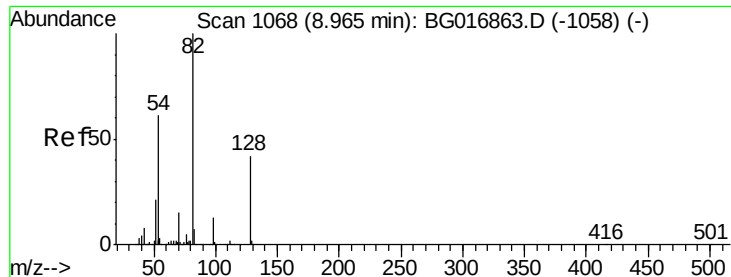
54 10.5 8.7 13.1

68 6.3 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

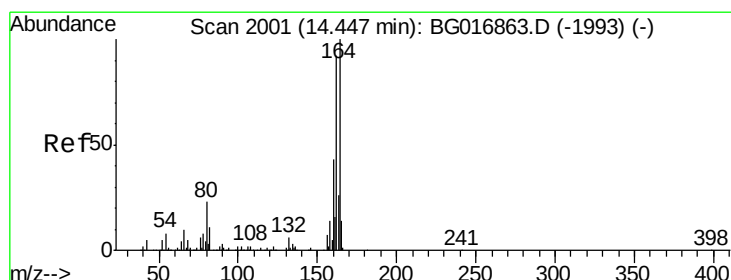
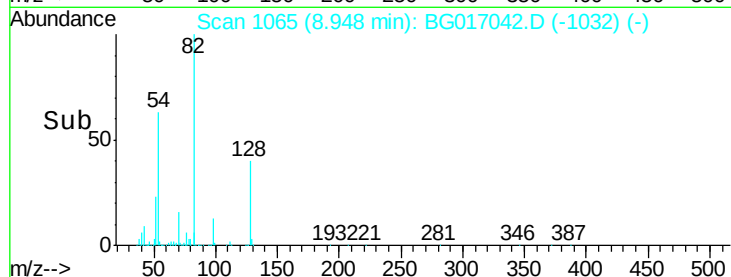
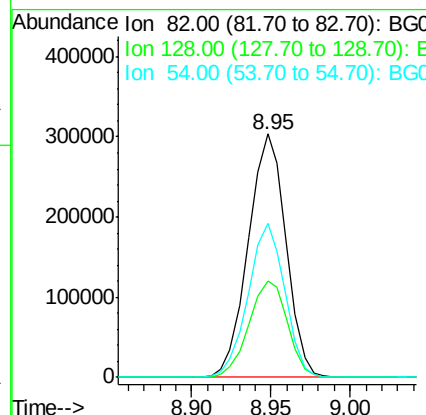
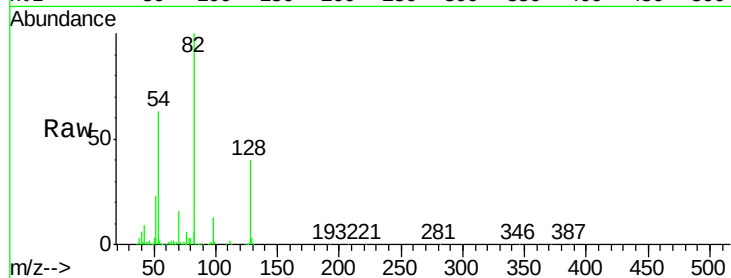




#23
 Nitrobenzene-d5
 Concen: 84.82 ng
 RT: 8.95 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: BG017042.D
 Acq: 11 May 2015 2:30

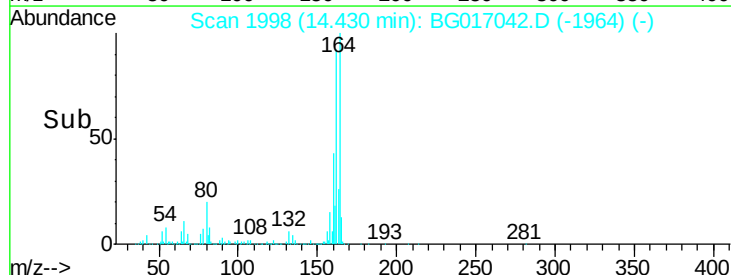
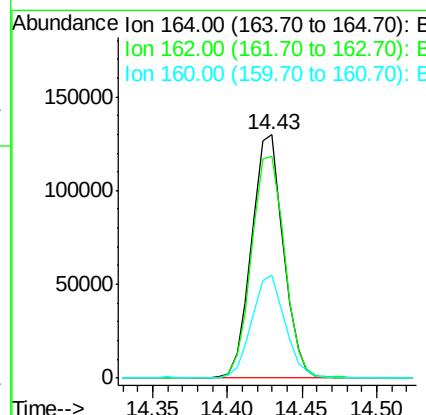
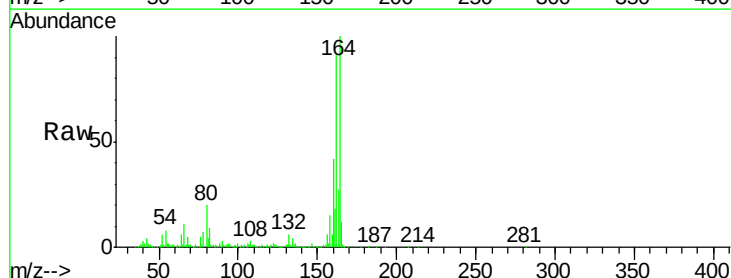
Instrument :
 BNA_G
 ClientSampleId :
 W-28

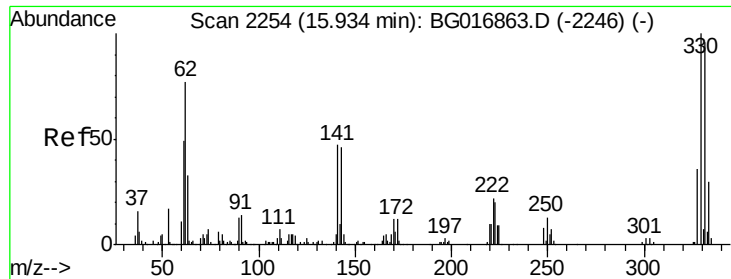
Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.6	33.2	49.8
54	63.2	48.6	72.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.43 min Scan# 1998
 Delta R.T. 0.00 min
 Lab File: BG017042.D
 Acq: 11 May 2015 2:30

Tgt Ion	Ratio	Lower	Upper
164	100		
162	91.3	74.0	111.0
160	42.4	34.7	52.1

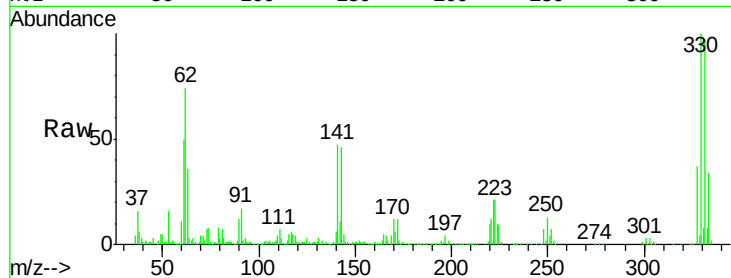




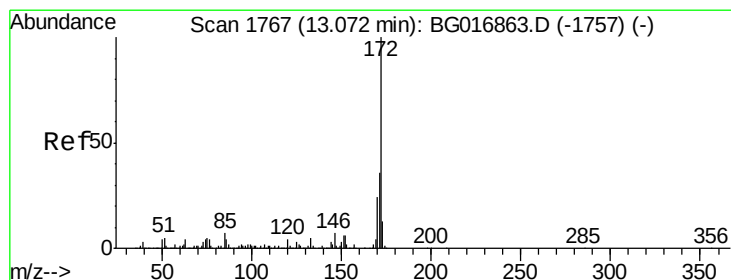
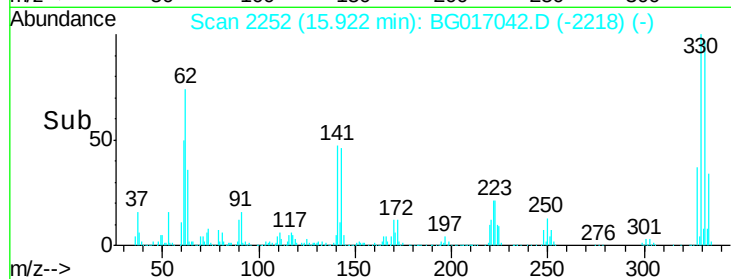
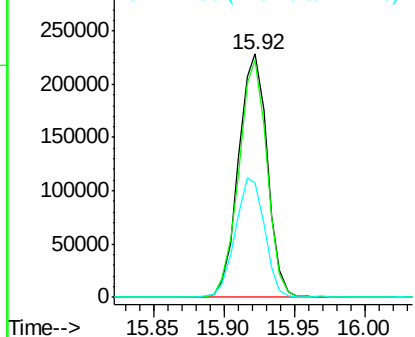
#41
 2,4,6-Tribromophenol
 Concen: 169.94 ng
 RT: 15.92 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: BG017042.D
 Acq: 11 May 2015 2:30

Instrument :
 BNA_G
 ClientSampleId :
 W-28

Tgt Ion:330 Resp: 326017
 Ion Ratio Lower Upper
 330 100
 332 95.5 0.0 0.0#
 141 49.5 0.0 0.0#

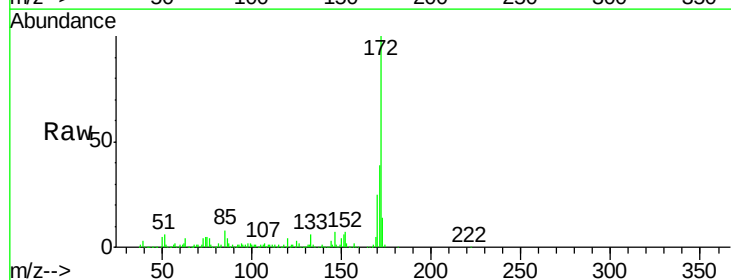


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

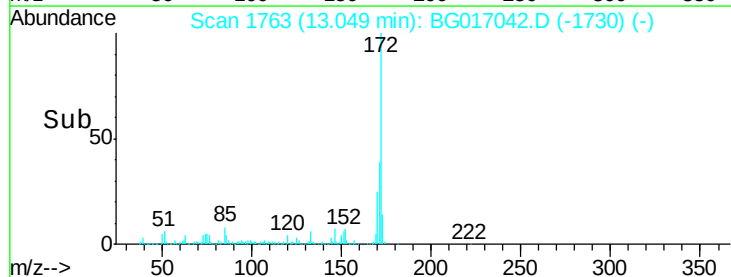
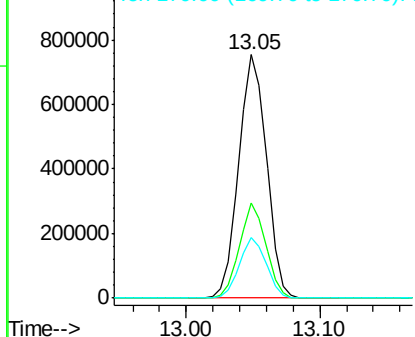


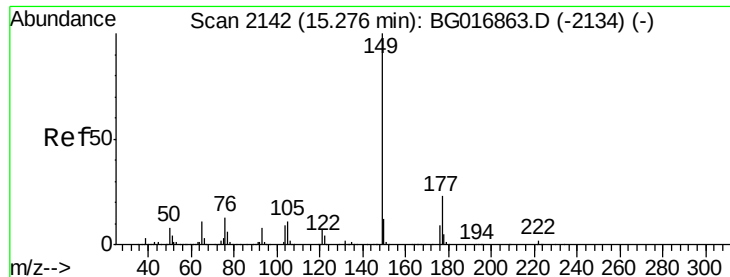
#44
 2-Fluorobiphenyl
 Concen: 85.79 ng
 RT: 13.05 min Scan# 1763
 Delta R.T. -0.00 min
 Lab File: BG017042.D
 Acq: 11 May 2015 2:30

Tgt Ion:172 Resp: 1086473
 Ion Ratio Lower Upper
 172 100
 171 38.9 29.0 43.4
 170 24.8 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





#59

Diethylphthalate

Concen: 2.06 ng

RT: 15.25 min Scan# 2137

Delta R.T. -0.01 min

Lab File: BG017042.D

Acq: 11 May 2015 2:30

Instrument :

BNA_G

ClientSampleId :

W-28

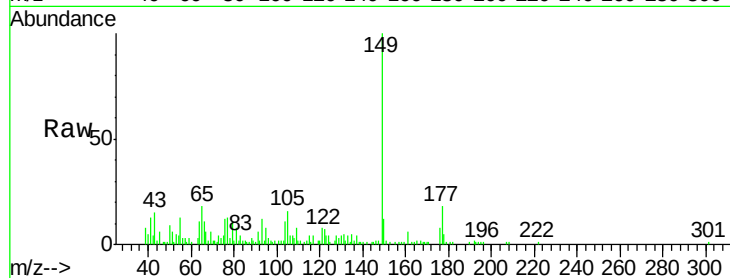
Tgt Ion:149 Resp: 30962

Ion Ratio Lower Upper

149 100

177 18.1 18.6 27.8#

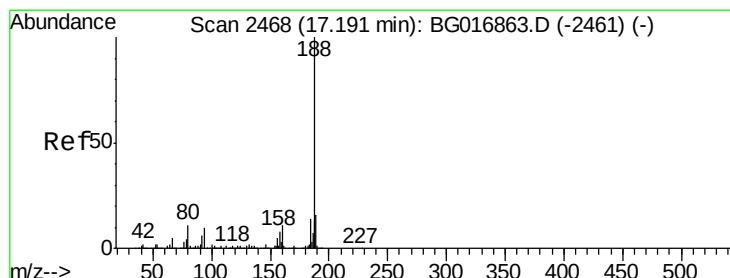
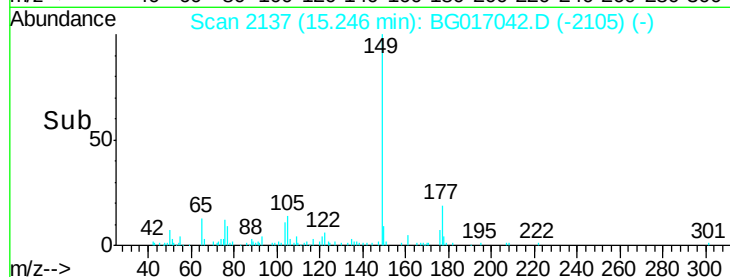
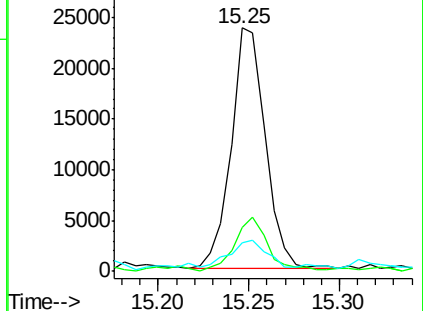
150 11.6 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.17 min Scan# 2465

Delta R.T. 0.00 min

Lab File: BG017042.D

Acq: 11 May 2015 2:30

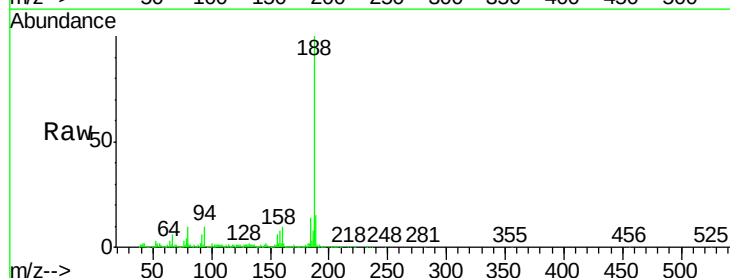
Tgt Ion:188 Resp: 418399

Ion Ratio Lower Upper

188 100

94 9.5 8.2 12.4

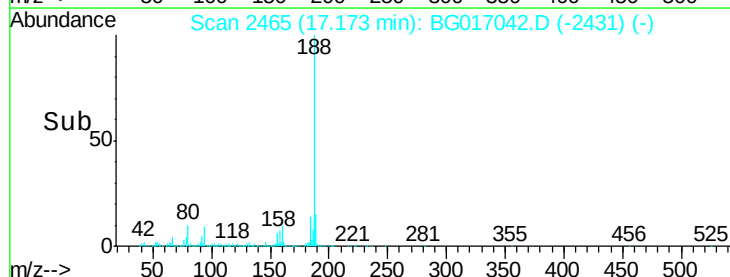
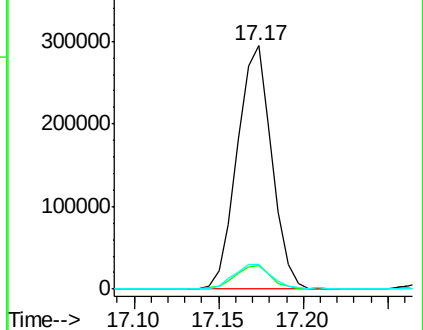
80 10.4 8.8 13.2

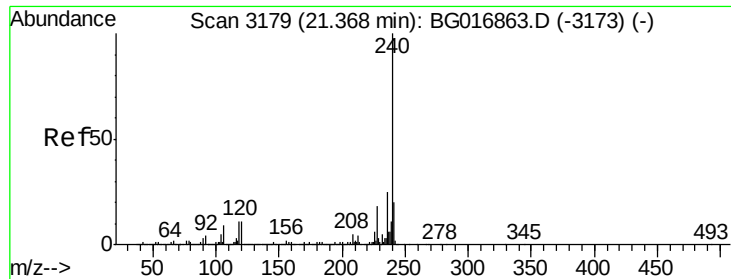


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.35 min Scan# 3176

Delta R.T. 0.00 min

Lab File: BG017042.D

Acq: 11 May 2015 2:30

Instrument :

BNA_G

ClientSampleId :

W-28

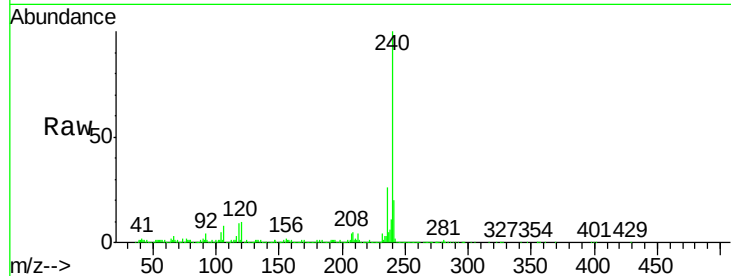
Tgt Ion:240 Resp: 408698

Ion Ratio Lower Upper

240 100

120 9.8 9.1 13.7

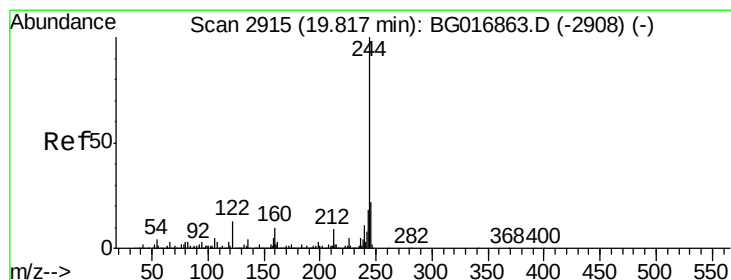
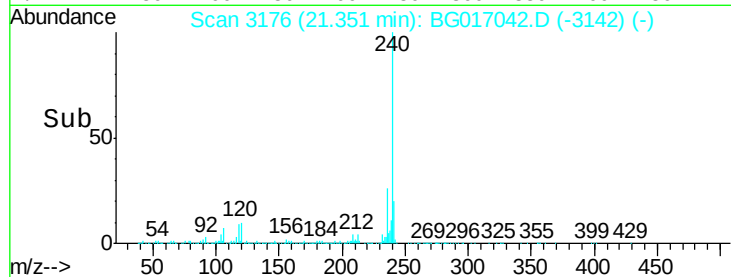
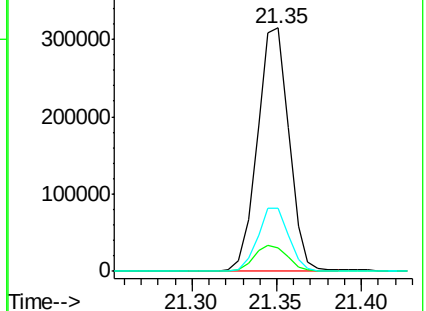
236 25.8 20.2 30.4



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: 92.62 ng

RT: 19.80 min Scan# 2912

Delta R.T. 0.00 min

Lab File: BG017042.D

Acq: 11 May 2015 2:30

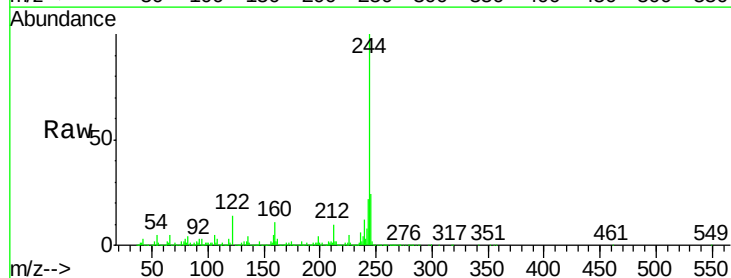
Tgt Ion:244 Resp: 1614725

Ion Ratio Lower Upper

244 100

212 9.5 7.0 10.6

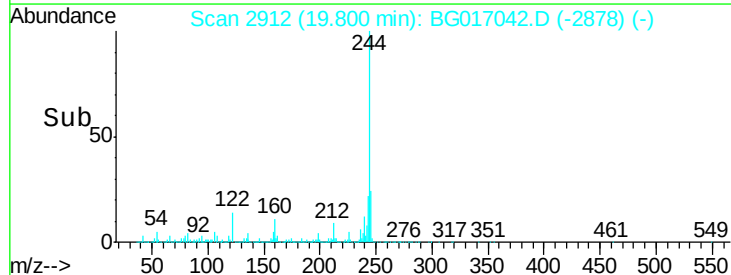
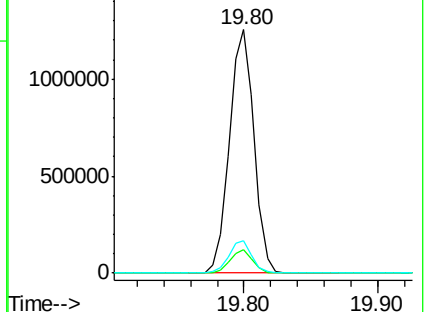
122 13.6 10.4 15.6

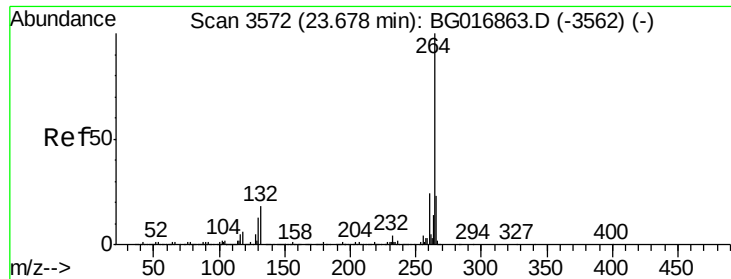


Abundance Ion 244.00 (243.70 to 244.70): E

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. -0.00 min

Lab File: BG017042.D

Acq: 11 May 2015 2:30

Instrument :

BNA_G

ClientSampleId :

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Tgt Ion: 264 Resp: 404846

Ion Ratio Lower Upper

264 100

260 23.0 19.5 29.3

265 21.8 18.5 27.7

