

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
 Data File : BG017012.D
 Acq On : 10 May 2015 6:47
 Operator : TP/IZ
 Sample : G2139-01
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LAR9794-A

Quant Time: May 11 01:29:44 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

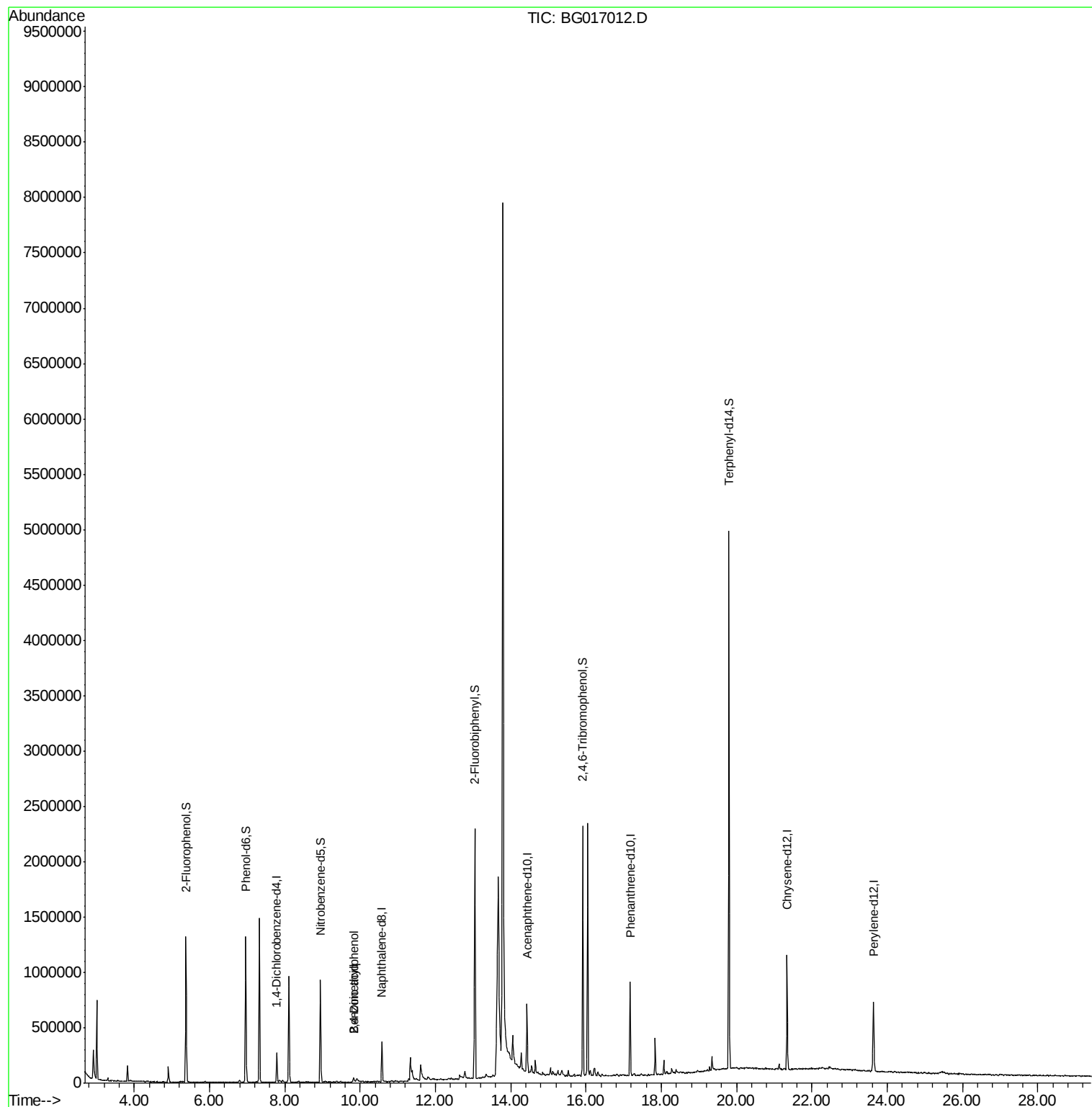
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	59356	20.00	ng	-0.02
21) Naphthalene-d8	10.58	136	275365	20.00	ng	-0.02
38) Acenaphthene-d10	14.43	164	187064	20.00	ng	-0.01
63) Phenanthrene-d10	17.17	188	442661	20.00	ng	-0.02
75) Chrysene-d12	21.34	240	441990	20.00	ng	-0.03
86) Perylene-d12	23.64	264	438171	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	470571	138.04	ng	-0.01
7) Phenol-d6	6.96	99	617481	126.79	ng	0.00
23) Nitrobenzene-d5	8.94	82	484723	85.99	ng	-0.02
41) 2,4,6-Tribromophenol	15.92	330	316013	168.28	ng	-0.01
44) 2-Fluorobiphenyl	13.05	172	1009864	81.46	ng	-0.02
78) Terphenyl-d14	19.80	244	1705577	90.46	ng	-0.02
Target Compounds						
27) 2,4-Dimethylphenol	9.83	122	14703	3.51	ng	# 2
32) Benzoic acid	9.83	122	14703	7.93	ng	# 78

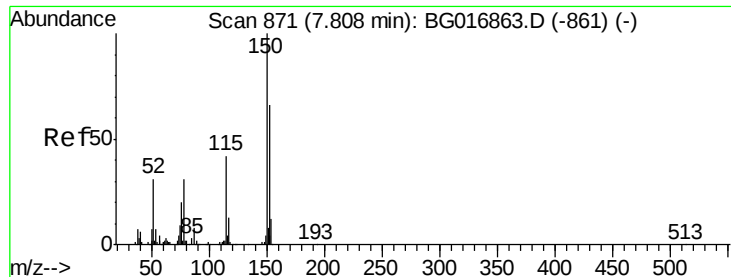
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG017012.D

Acq: 10 May 2015 6:47

Instrument :

BNA_G

ClientSampleId :

LAR9794-A

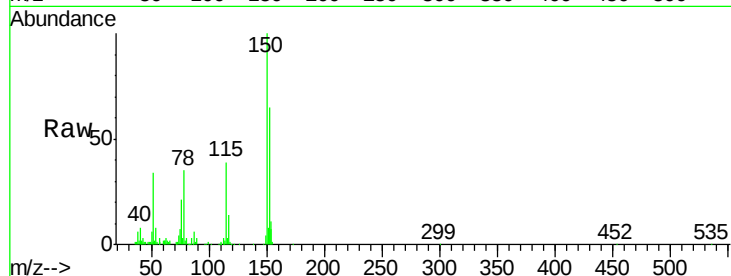
Tgt Ion:152 Resp: 59356

Ion Ratio Lower Upper

152 100

150 153.2 121.0 181.4

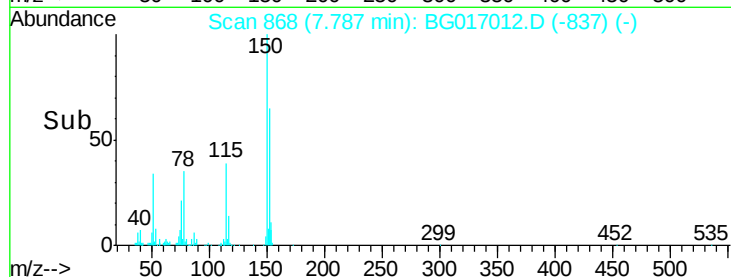
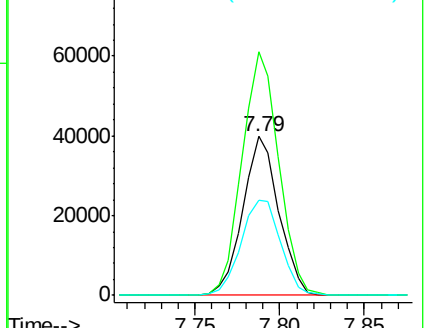
115 59.5 50.5 75.7



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: 138.04 ng

RT: 5.37 min Scan# 457

Delta R.T. -0.01 min

Lab File: BG017012.D

Acq: 10 May 2015 6:47

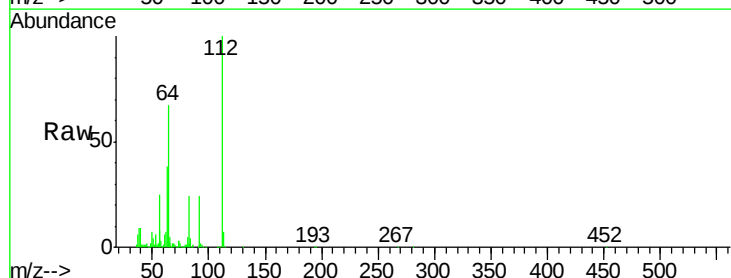
Tgt Ion:112 Resp: 470571

Ion Ratio Lower Upper

112 100

64 66.6 51.4 77.2

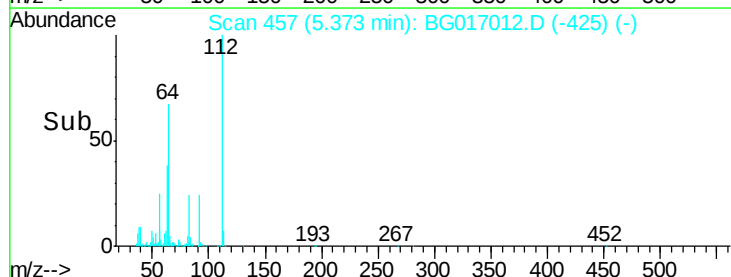
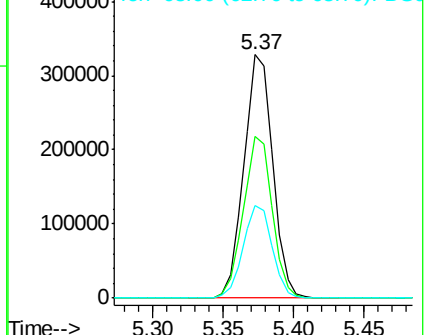
63 38.1 28.1 42.1

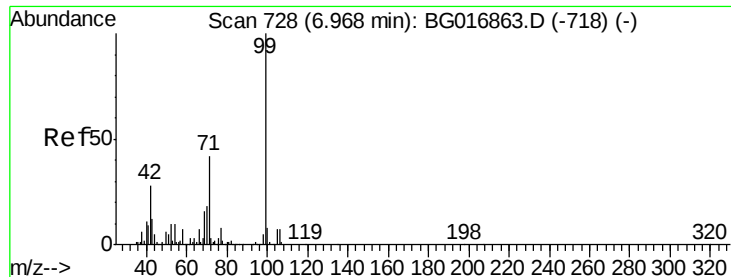


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 126.79 ng

RT: 6.96 min Scan# 728

Delta R.T. -0.00 min

Lab File: BG017012.D

Acq: 10 May 2015 6:47

Instrument :

BNA_G

ClientSampleId :

LAR9794-A

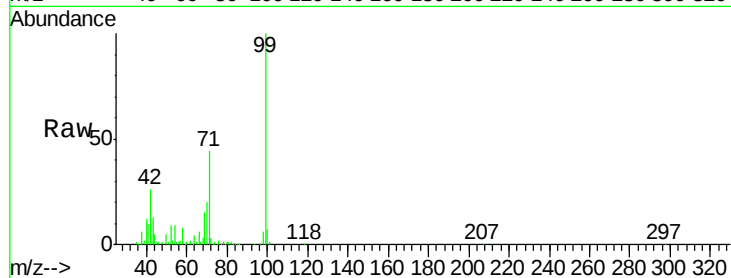
Tgt Ion: 99 Resp: 617481

Ion Ratio Lower Upper

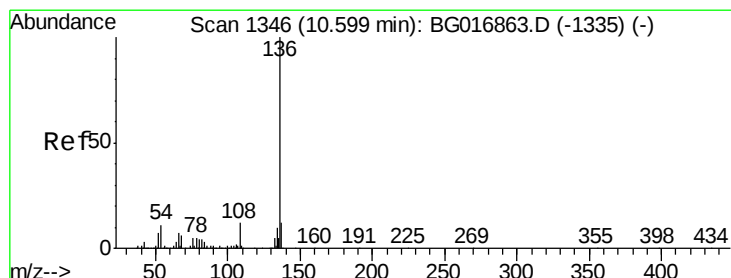
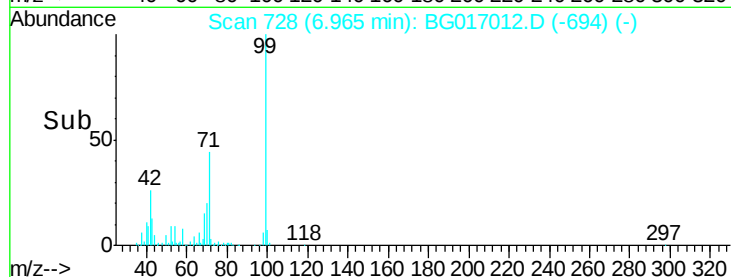
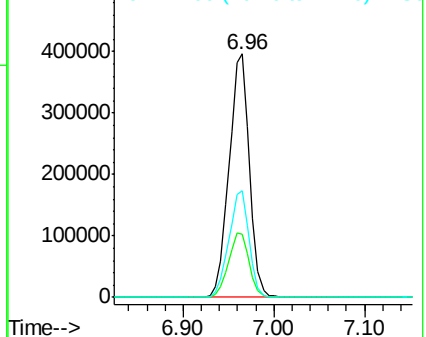
99 100

42 26.2 22.1 33.1

71 43.9 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: 10.58 min Scan# 1343

Delta R.T. -0.02 min

Lab File: BG017012.D

Acq: 10 May 2015 6:47

Tgt Ion: 136 Resp: 275365

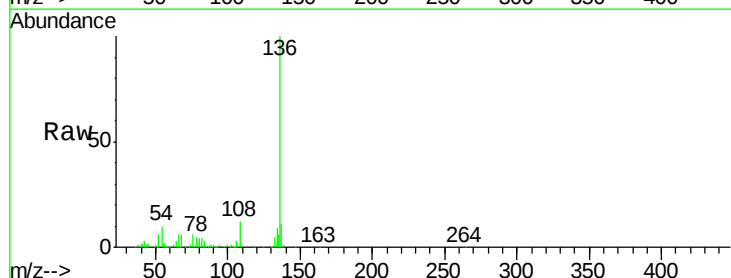
Ion Ratio Lower Upper

136 100

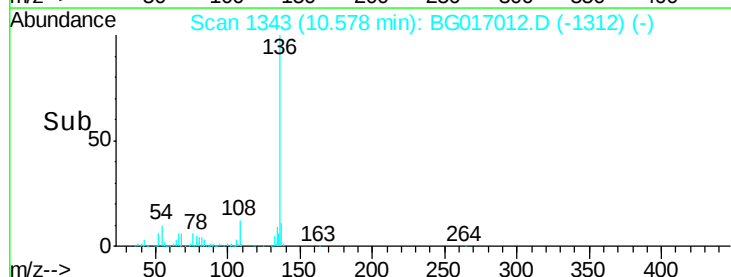
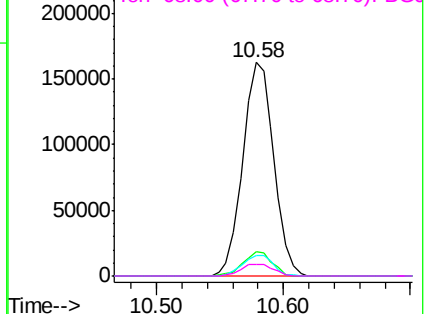
137 11.1 9.8 14.8

54 9.8 8.7 13.1

68 5.7 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

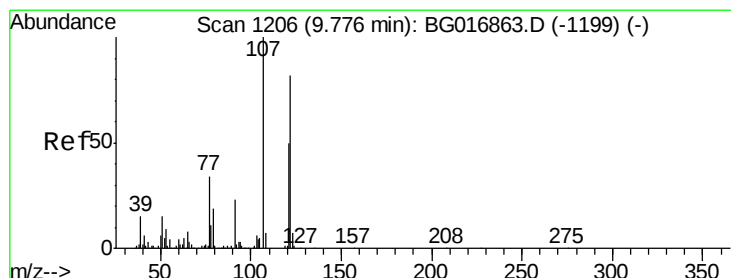
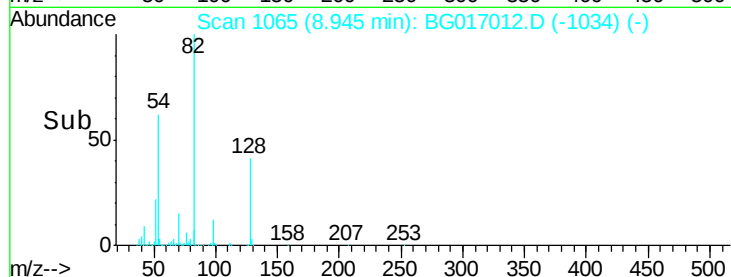
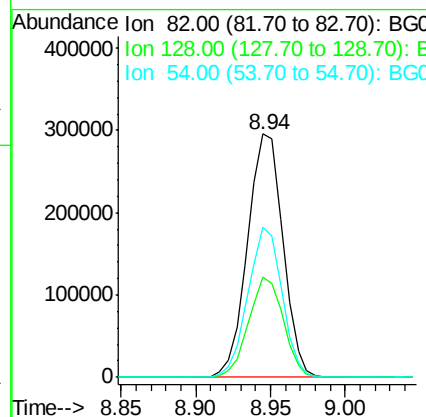
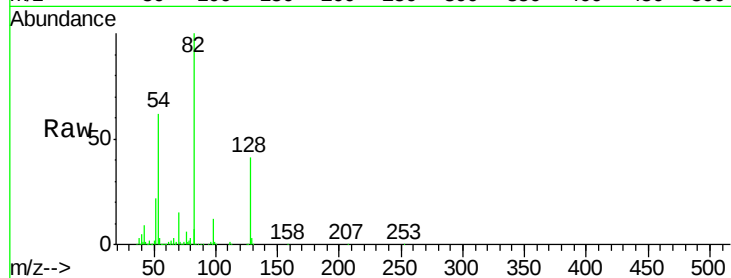




#23
 Nitrobenzene-d5
 Concen: 85.99 ng
 RT: 8.94 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BG017012.D
 Acq: 10 May 2015 6:47

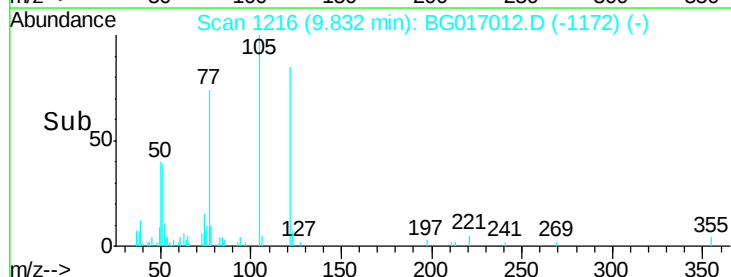
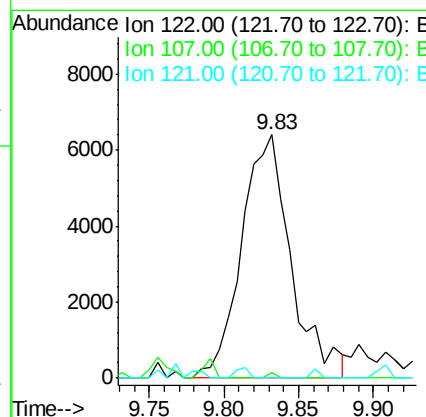
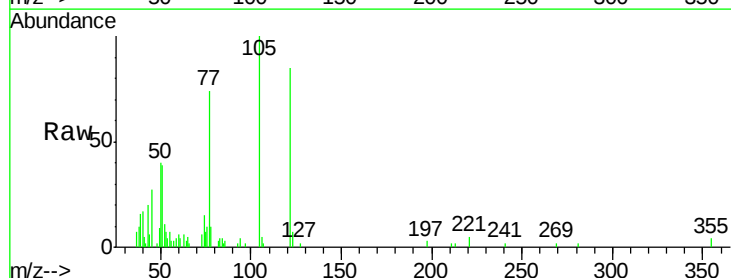
Instrument :
 BNA_G
 ClientSampleId :
 LAR9794-A

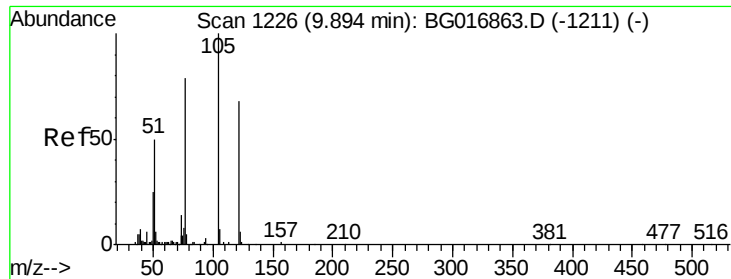
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.4	33.2	49.8
54	61.8	48.6	72.8



#27
 2,4-Dimethylphenol
 Concen: 3.51 ng
 RT: 9.83 min Scan# 1216
 Delta R.T. 0.06 min
 Lab File: BG017012.D
 Acq: 10 May 2015 6:47

Tgt Ion	Ratio	Lower	Upper
122	100		
107	2.4	97.6	146.4#
121	0.0	48.4	72.6#





#32

Benzoic acid

Concen: 7.93 ng

RT: 9.83 min Scan# 1216

Delta R.T. -0.06 min

Lab File: BG017012.D

Acq: 10 May 2015 6:47

Instrument :

BNA_G

ClientSampleId :

LAR9794-A

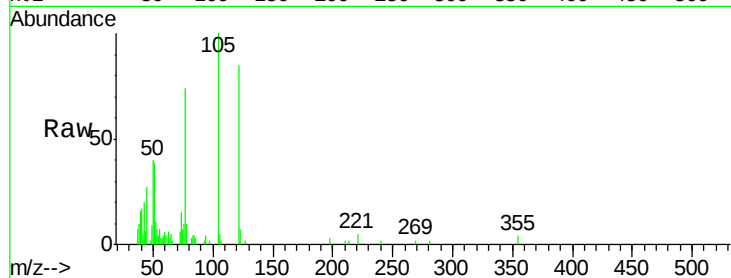
Tgt Ion:122 Resp: 14703

Ion Ratio Lower Upper

122 100

105 117.9 123.2 163.2#

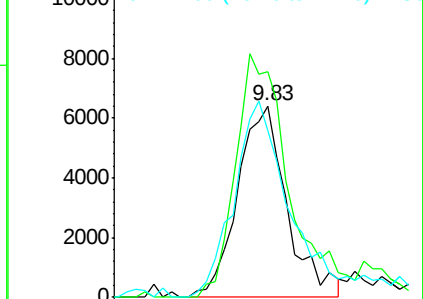
77 87.4 93.0 133.0#



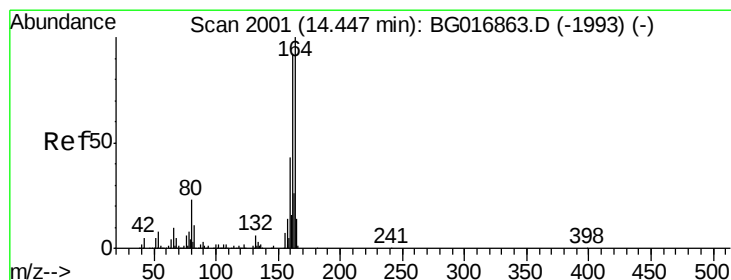
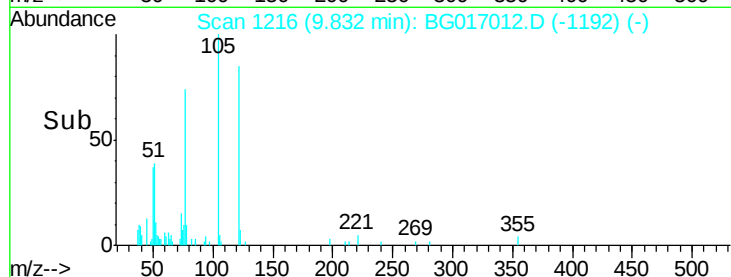
Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.43 min Scan# 1999

Delta R.T. -0.01 min

Lab File: BG017012.D

Acq: 10 May 2015 6:47

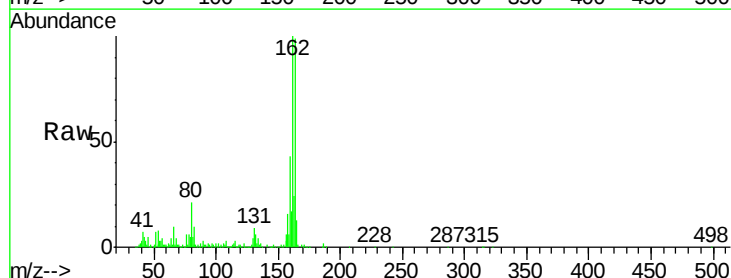
Tgt Ion:164 Resp: 187064

Ion Ratio Lower Upper

164 100

162 100.7 74.0 111.0

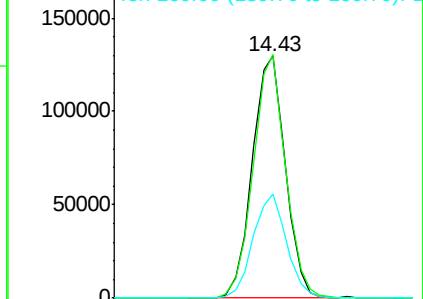
160 43.3 34.7 52.1



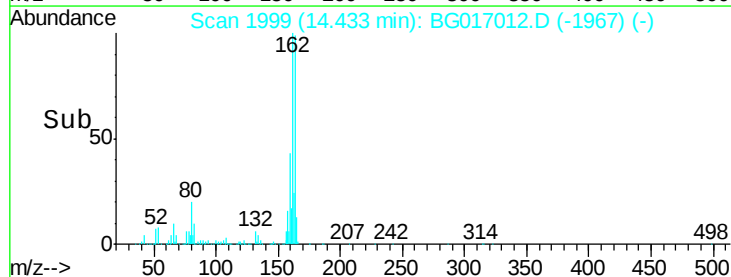
Abundance Ion 164.00 (163.70 to 164.70): E

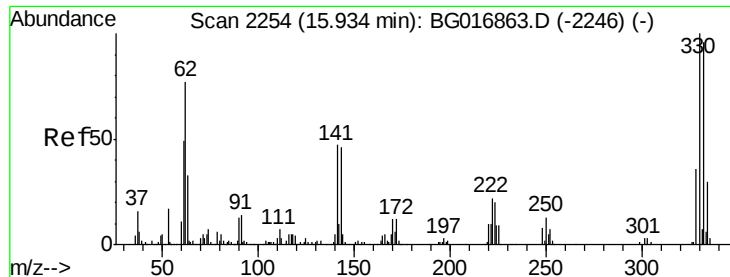
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->

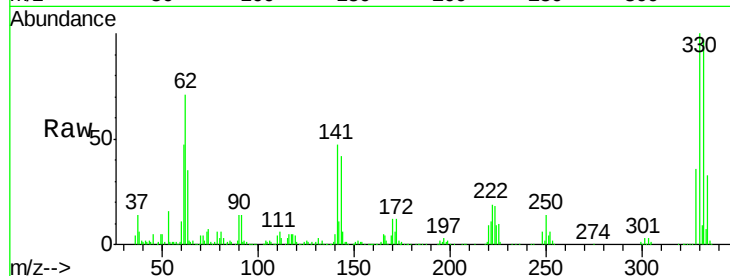




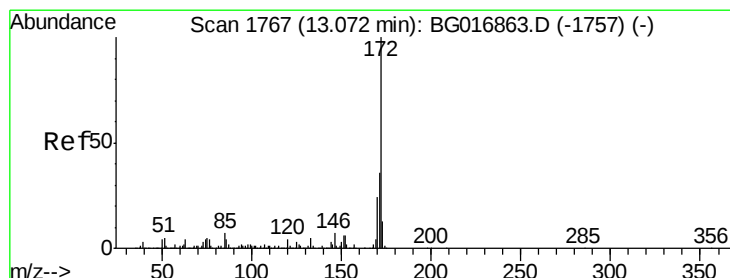
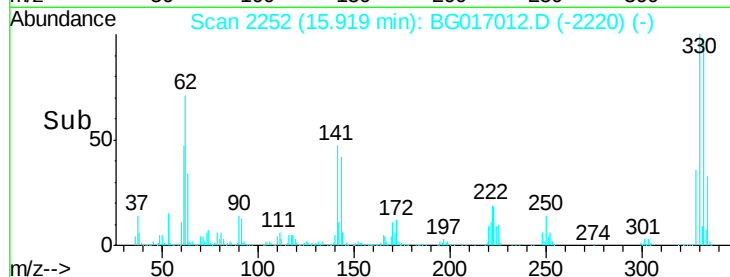
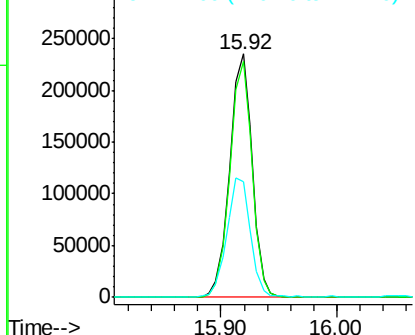
#41
 2,4,6-Tribromophenol
 Concen: 168.28 ng
 RT: 15.92 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: BG017012.D
 Acq: 10 May 2015 6:47

Instrument :
 BNA_G
 ClientSampleId :
 LAR9794-A

Tgt Ion:330 Resp: 316013
 Ion Ratio Lower Upper
 330 100
 332 96.2 0.0 0.0#
 141 50.9 0.0 0.0#

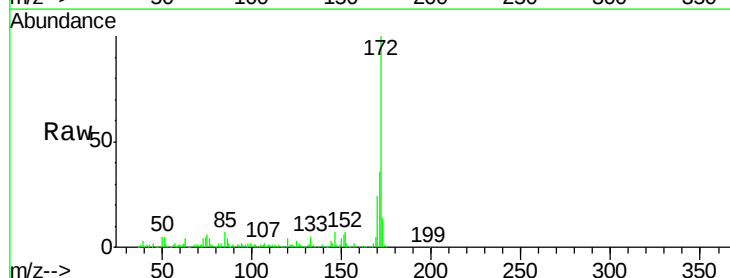


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

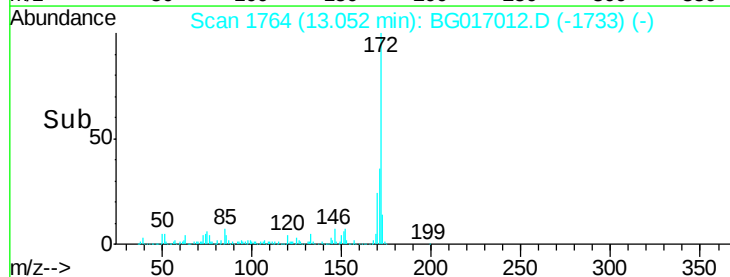
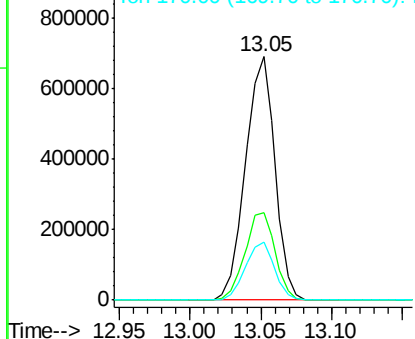


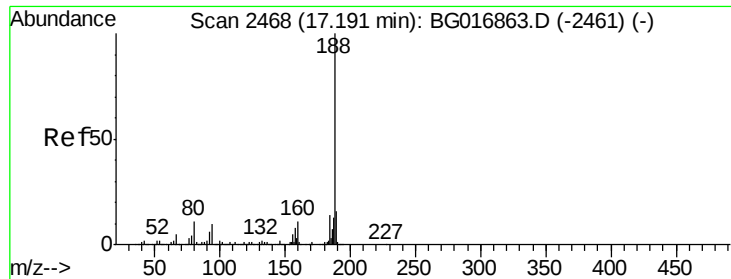
#44
 2-Fluorobiphenyl
 Concen: 81.46 ng
 RT: 13.05 min Scan# 1764
 Delta R.T. -0.02 min
 Lab File: BG017012.D
 Acq: 10 May 2015 6:47

Tgt Ion:172 Resp: 1009864
 Ion Ratio Lower Upper
 172 100
 171 36.1 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: 17.17 min Scan# 2465

Delta R.T. -0.02 min

Lab File: BG017012.D

Acq: 10 May 2015 6:47

Instrument :

BNA_G

ClientSampleId :

LAR9794-A

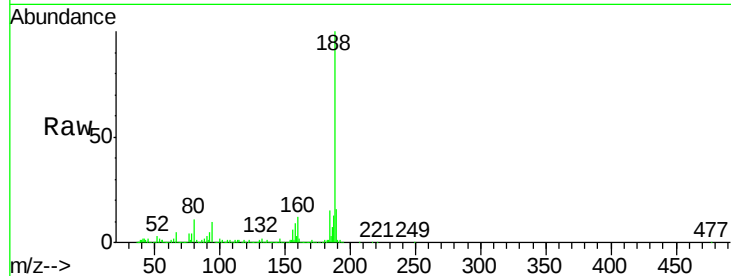
Tgt Ion:188 Resp: 442661

Ion Ratio Lower Upper

188 100

94 9.6 8.2 12.4

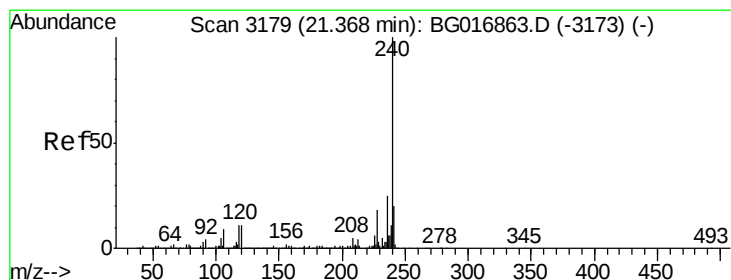
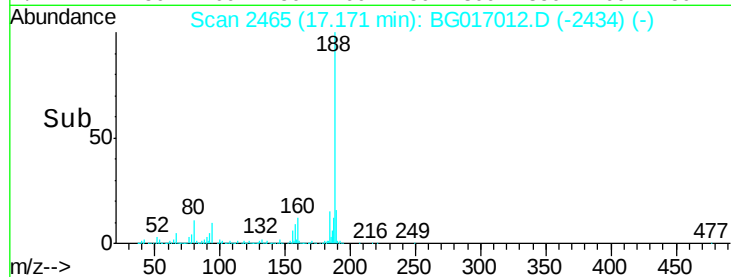
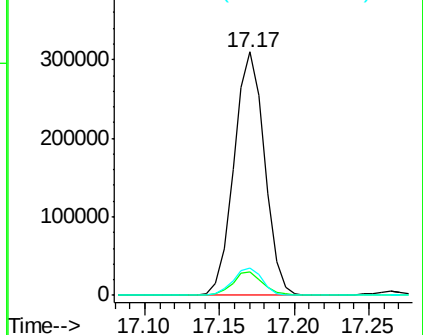
80 11.1 8.8 13.2



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: 21.34 min Scan# 3175

Delta R.T. -0.03 min

Lab File: BG017012.D

Acq: 10 May 2015 6:47

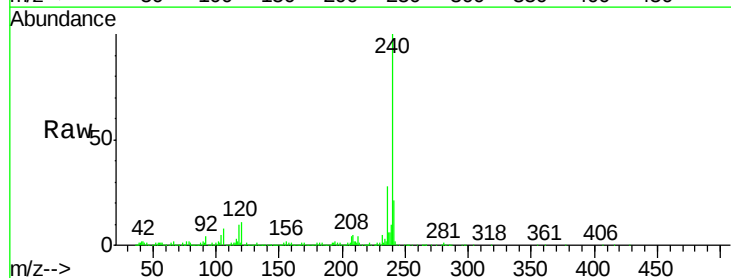
Tgt Ion:240 Resp: 441990

Ion Ratio Lower Upper

240 100

120 11.2 9.1 13.7

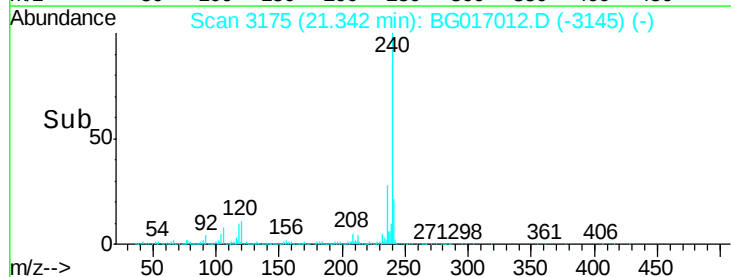
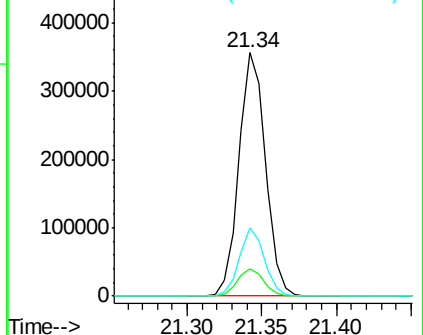
236 27.9 20.2 30.4

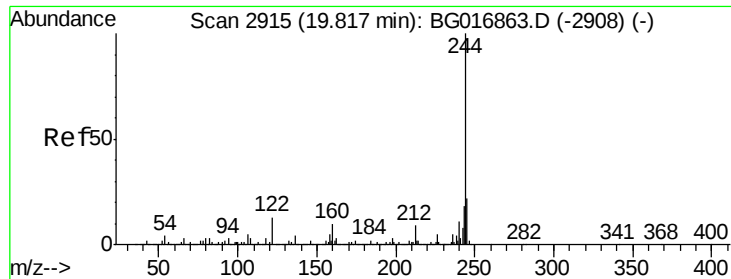


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

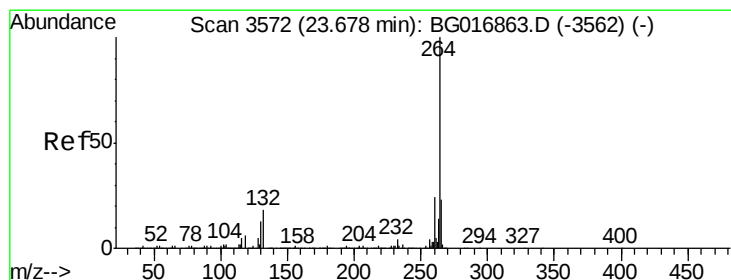
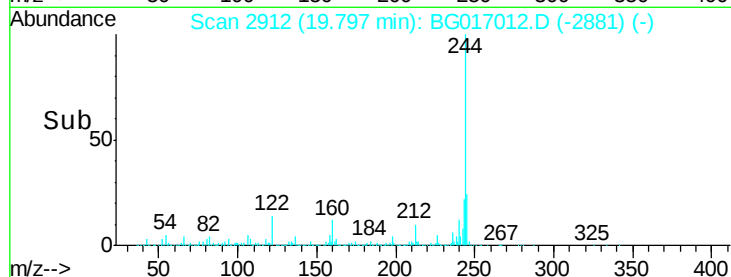
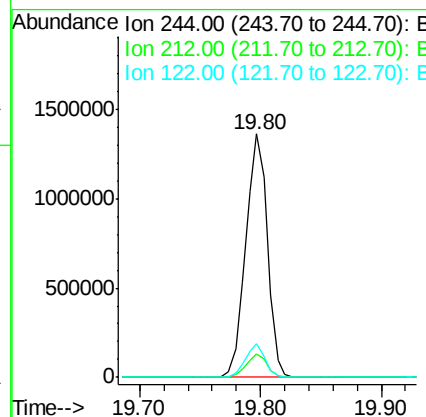
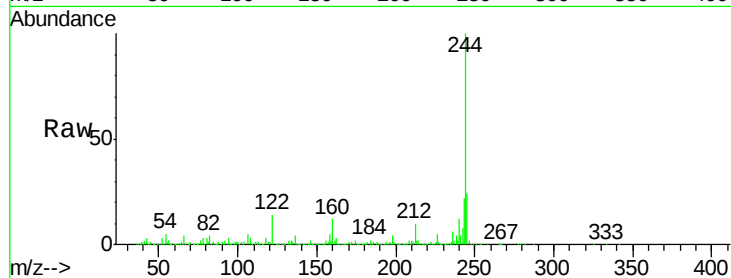




#78
 Terphenyl-d14
 Concen: 90.46 ng
 RT: 19.80 min Scan# 2912
 Delta R.T. -0.02 min
 Lab File: BG017012.D
 Acq: 10 May 2015 6:47

Instrument :
 BNA_G
 ClientSampleId :
 LAR9794-A

Tgt Ion:244 Resp: 1705577
 Ion Ratio Lower Upper
 244 100
 212 9.9 7.0 10.6
 122 13.7 10.4 15.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.64 min Scan# 3566
 Delta R.T. -0.04 min
 Lab File: BG017012.D
 Acq: 10 May 2015 6:47

Tgt Ion:264 Resp: 438171
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.5 29.3
 265 22.5 18.5 27.7

