

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 06:16:36 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 05 16:13:58 2015
 Response via : Initial Calibration

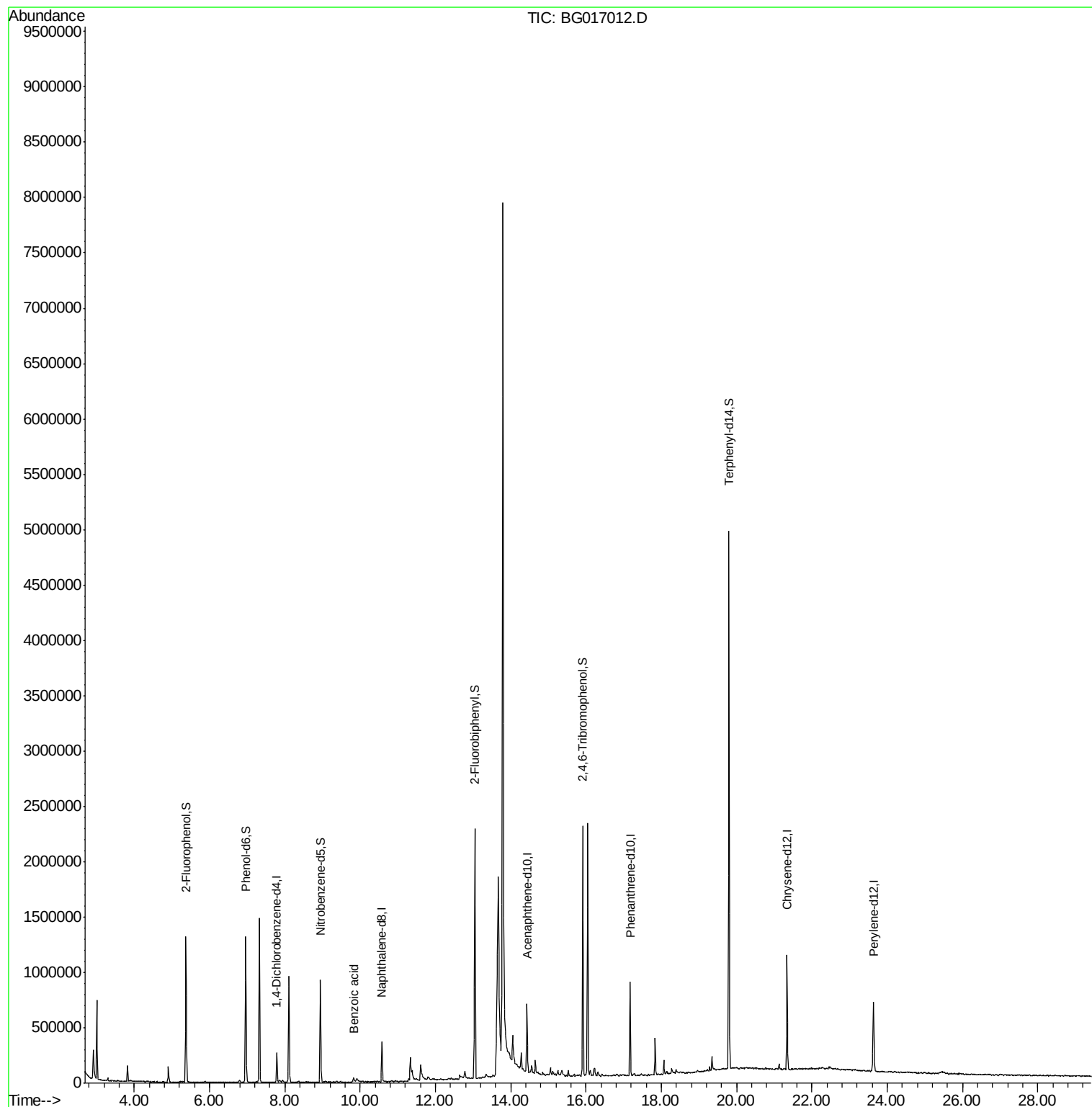
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	59356	20.00	ng	-0.02
21) Naphthalene-d8	10.58	136	275365	20.00	ng	-0.02
38) Acenaphthene-d10	14.43	164	187064	20.00	ng	-0.01
63) Phenanthrene-d10	17.17	188	442661	20.00	ng	-0.02
75) Chrysene-d12	21.34	240	441990	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						
32) Benzoic acid	9.83	122	14703	7.93	ng	Qvalue # 78

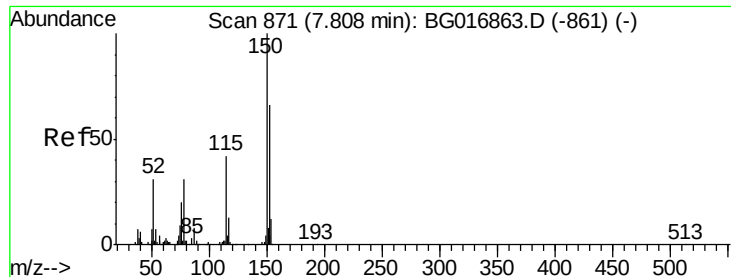
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

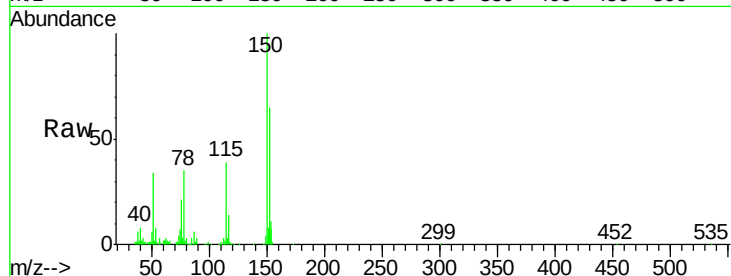
Tgt Ion:152 Resp: 59356

Ion Ratio Lower Upper

152 100

150 153.2 121.0 181.4

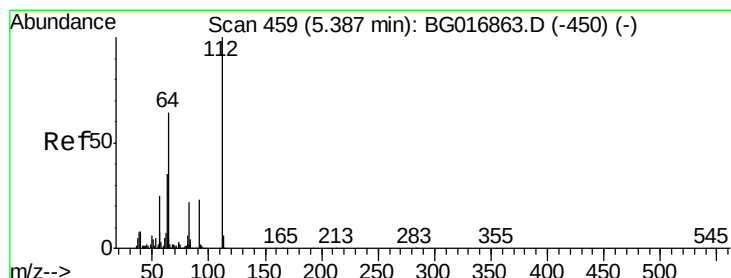
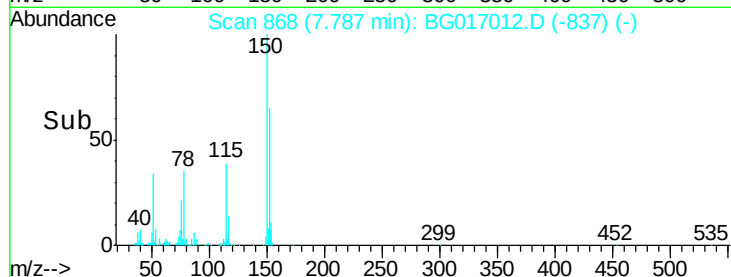
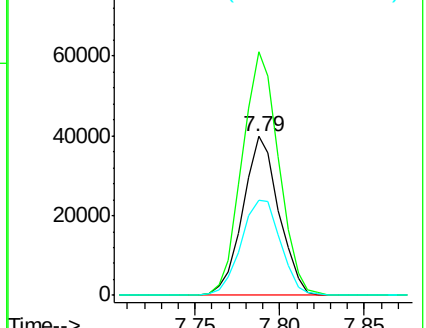
115 59.5 50.5 75.7



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

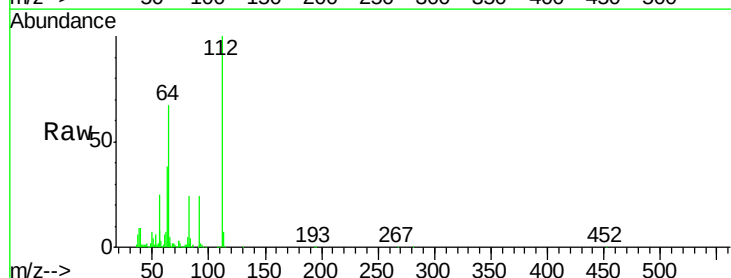
Tgt Ion:112 Resp: 470571

Ion Ratio Lower Upper

112 100

64 66.6 51.4 77.2

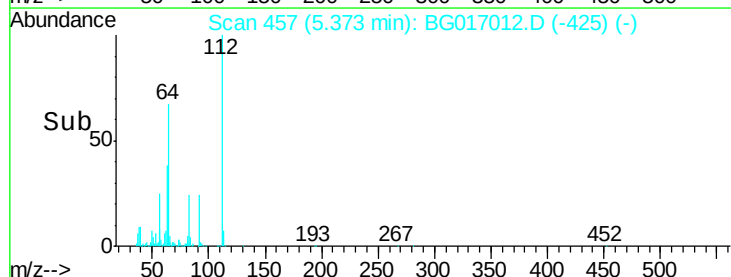
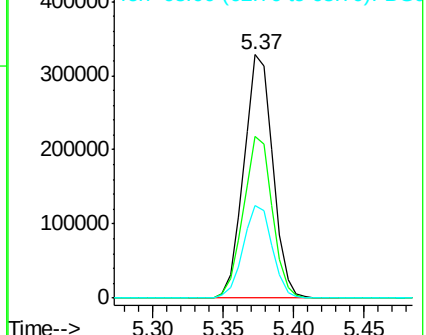
63 38.1 28.1 42.1

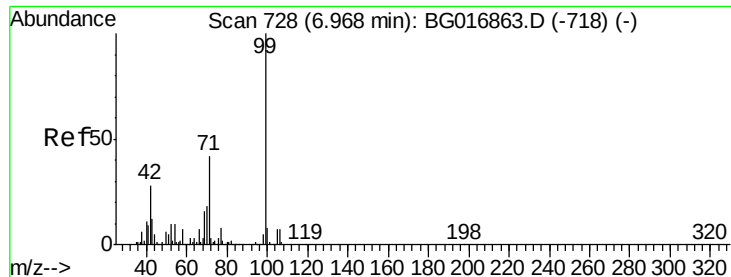


Abundance Ion 112.00 (111.70 to 112.70): E

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

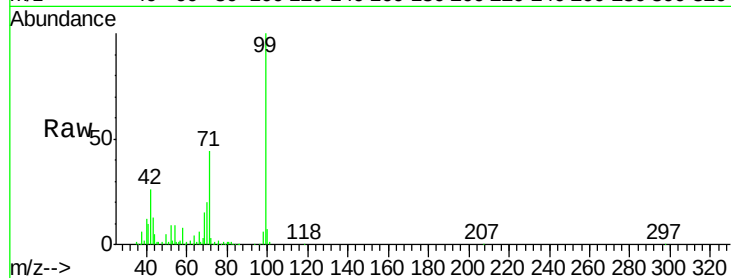
Tgt Ion: 99 Resp: 617481

Ion Ratio Lower Upper

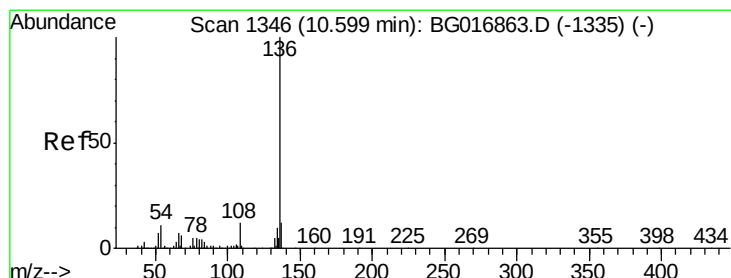
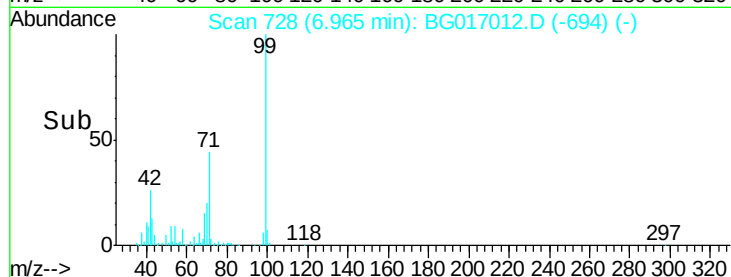
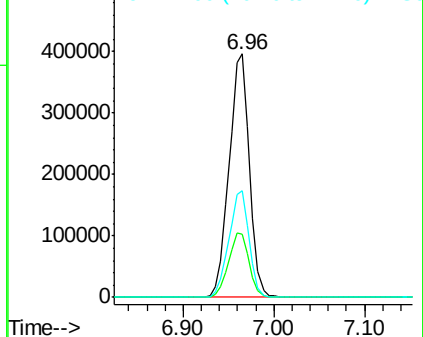
99 100

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

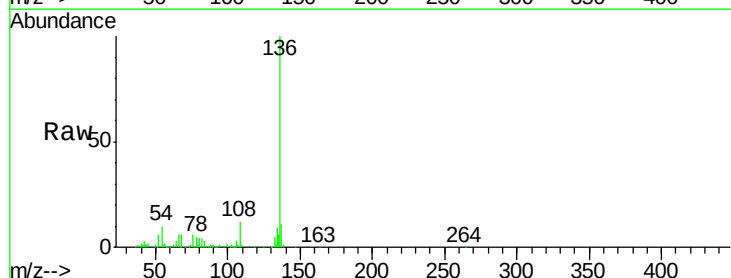
Ion Ratio Lower Upper

136 100

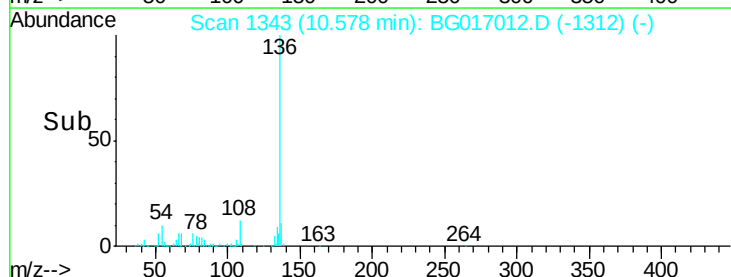
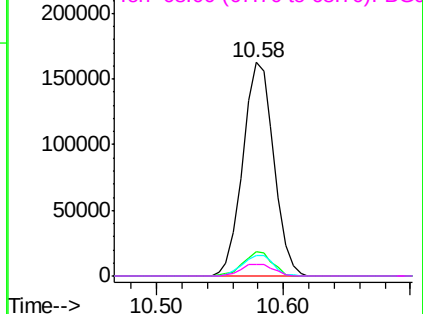
137 11.1 9.8 14.8

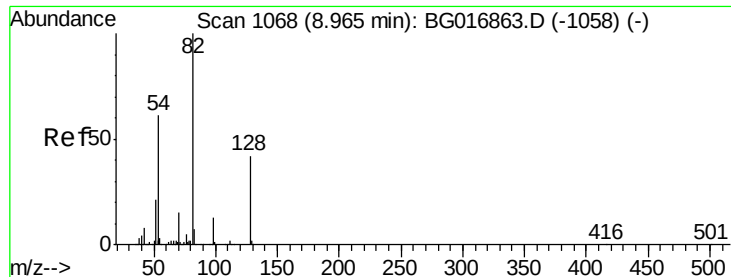
54 9.8 8.7 13.1

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

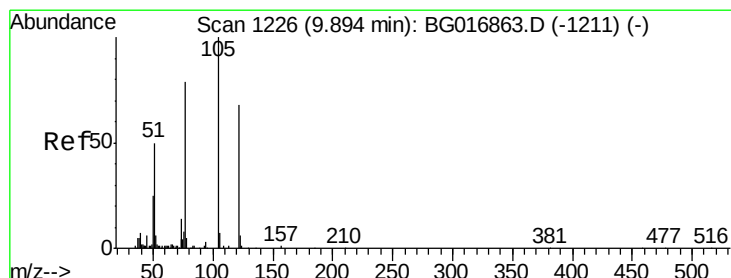
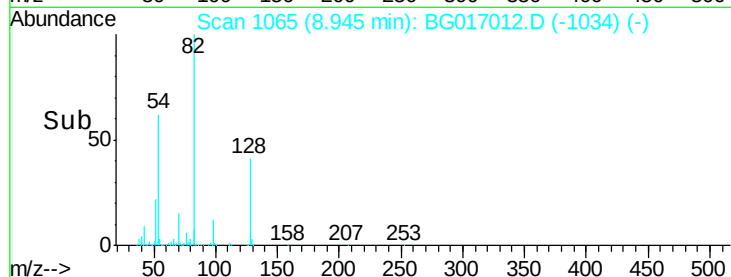
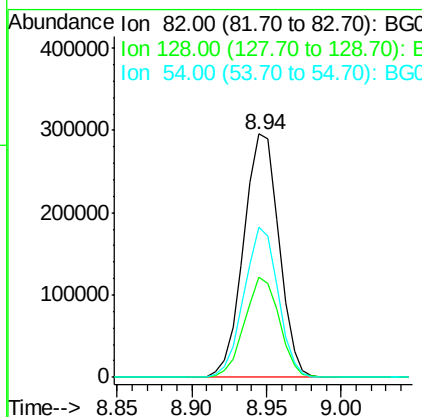
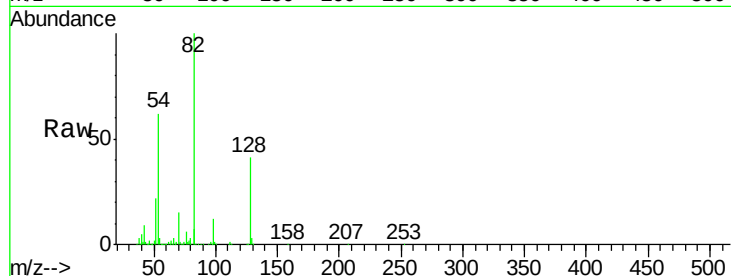




#23
 Nitrobenzene-d5
 Concen: 85.99 ng
 RT: 8.94 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BG017012.D
 Acq: 10 May 2015 6:47

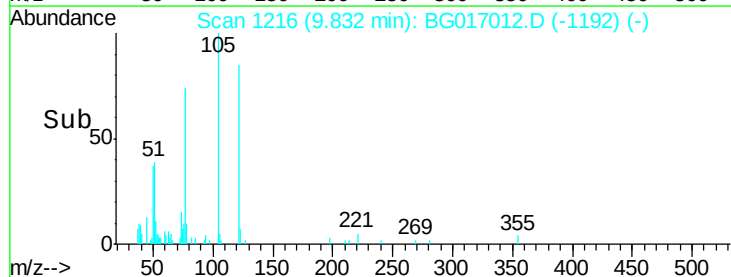
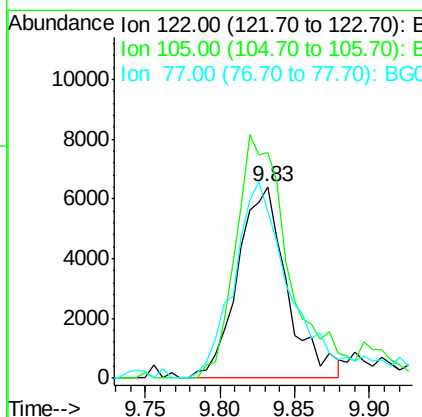
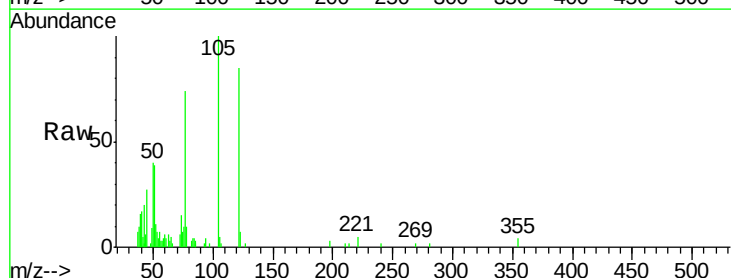
Instrument :
 BNA_G
 ClientSampleId :
 LAR9794-A

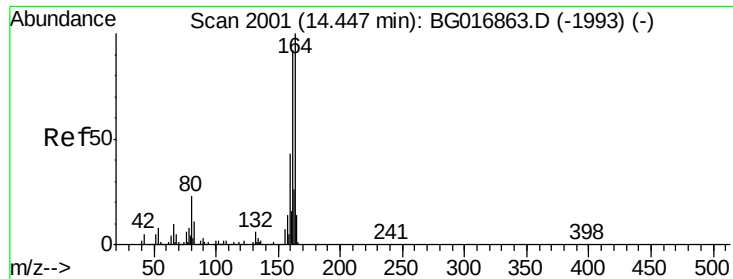
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.4	33.2	49.8
54	61.8	48.6	72.8



#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

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.9	123.2	163.2#
77	87.4	93.0	133.0#





#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

Instrument :

BNA_G

ClientSampleId :

LAR9794-A

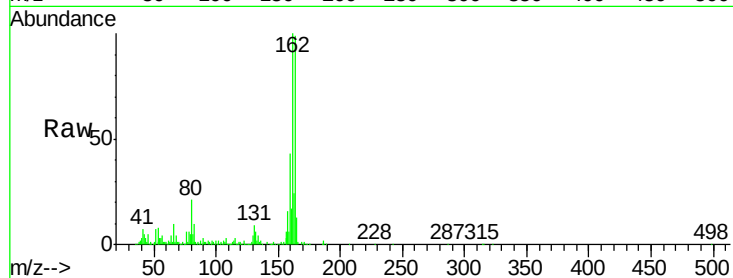
Tgt Ion:164 Resp: 187064

Ion Ratio Lower Upper

164 100

162 100.7 74.0 111.0

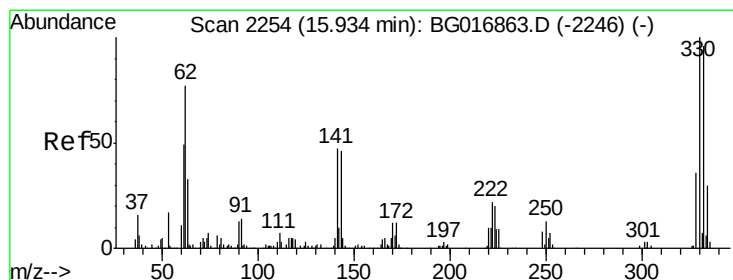
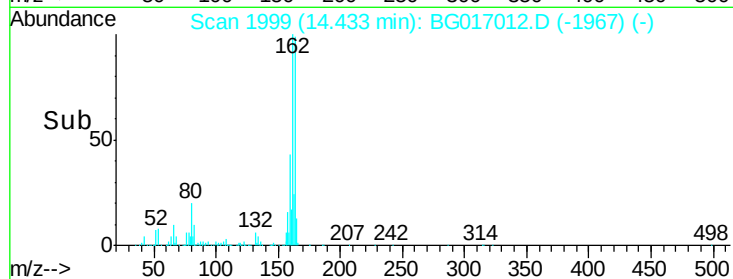
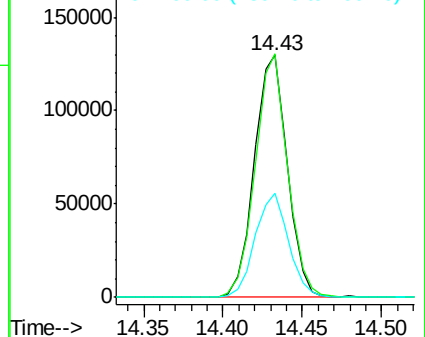
160 43.3 34.7 52.1



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



#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

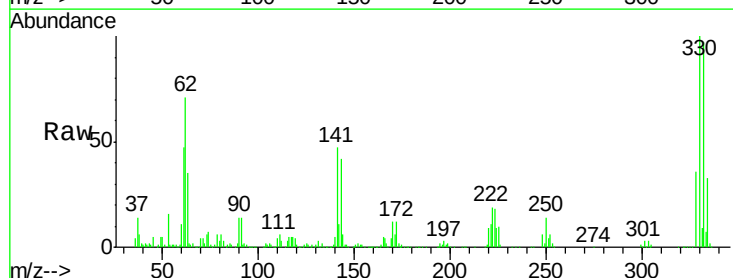
Tgt Ion:330 Resp: 316013

Ion Ratio Lower Upper

330 100

332 96.2 0.0 0.0#

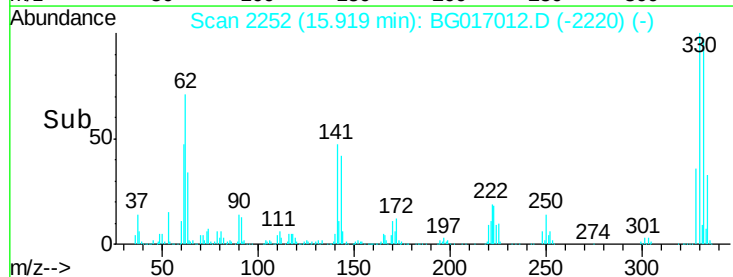
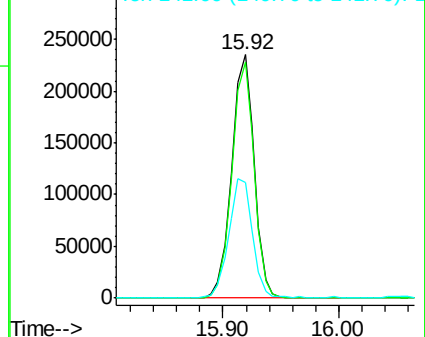
141 50.9 0.0 0.0#

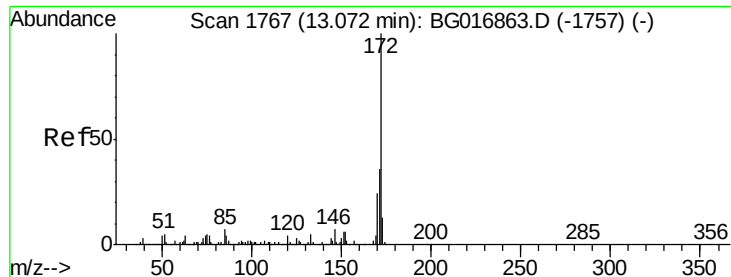


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

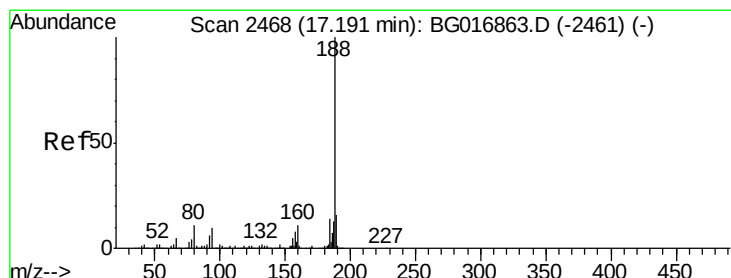
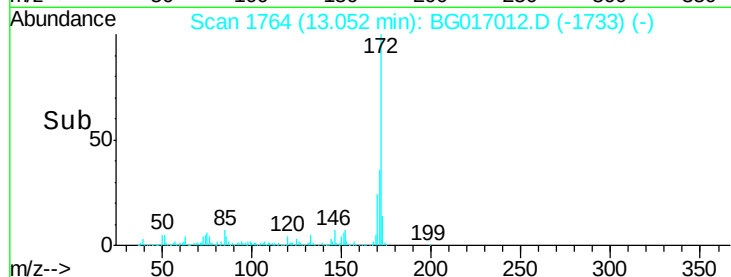
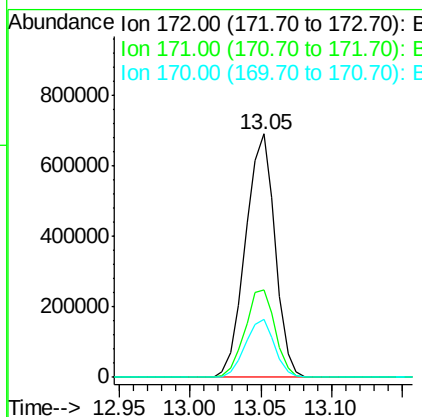
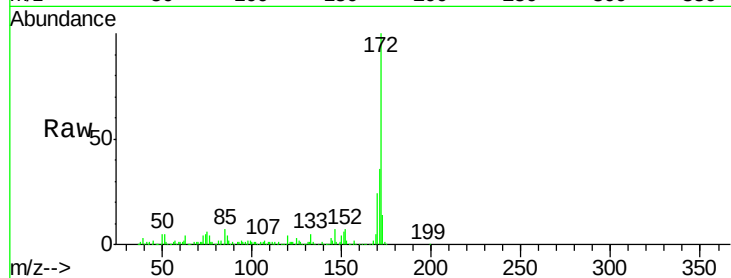




#44
 2-Fluorobiphenyl
 Concen: 81.46 ng
 RT: 13.05 min Scan# 1764
 Delta R.T. -0.02 min
 Lab File: BG017012.D
 Acq: 10 May 2015 6:47

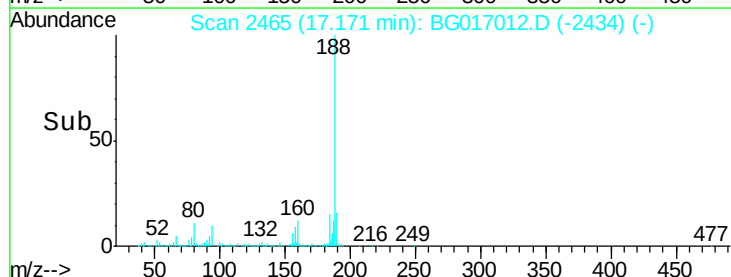
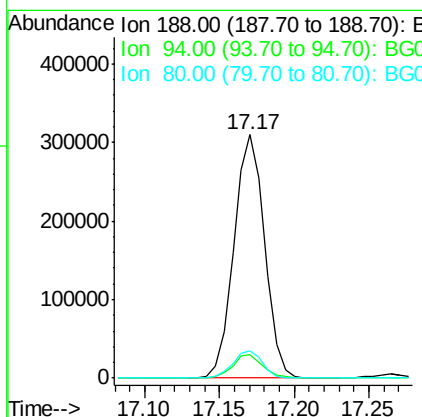
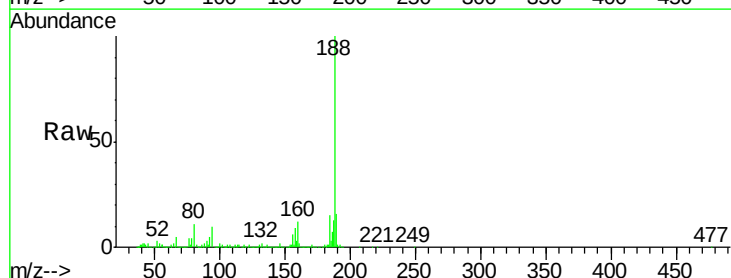
Instrument :
 BNA_G
 ClientSampleId :
 LAR9794-A

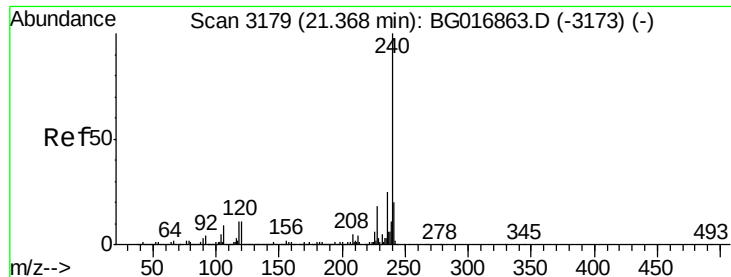
Tgt Ion:172 Resp: 1009864
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.4
 170 23.7 19.0 28.4



#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

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





#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

Instrument :

BNA_G

ClientSampleId :

LAR9794-A

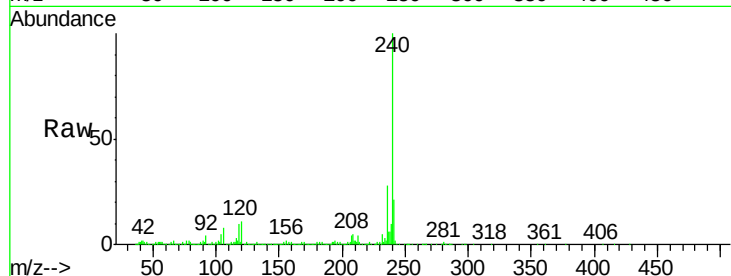
Tgt Ion:240 Resp: 441990

Ion Ratio Lower Upper

240 100

120 11.2 9.1 13.7

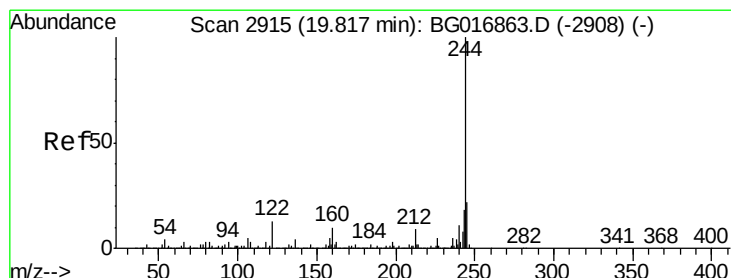
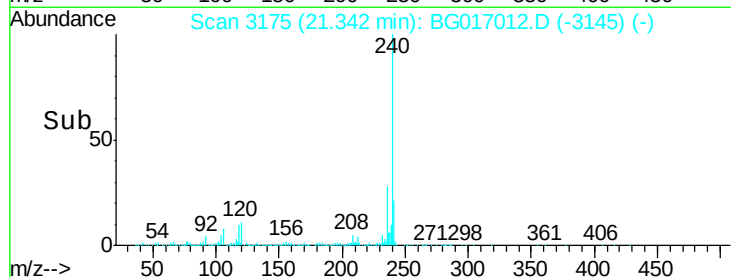
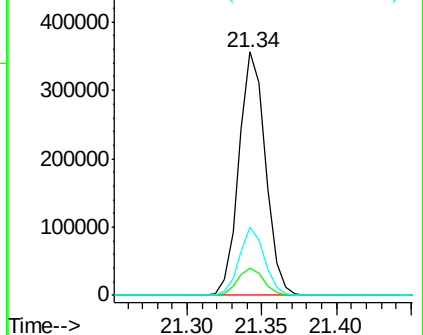
236 27.9 20.2 30.4



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

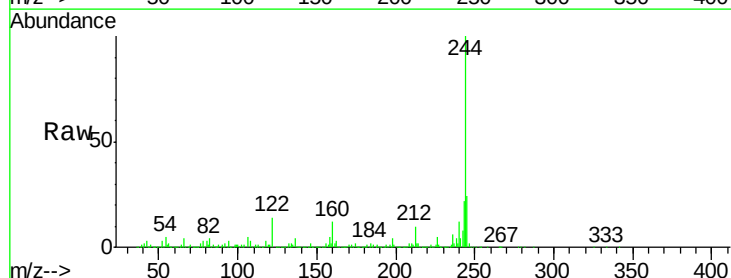
Tgt Ion:244 Resp: 1705577

Ion Ratio Lower Upper

244 100

212 9.9 7.0 10.6

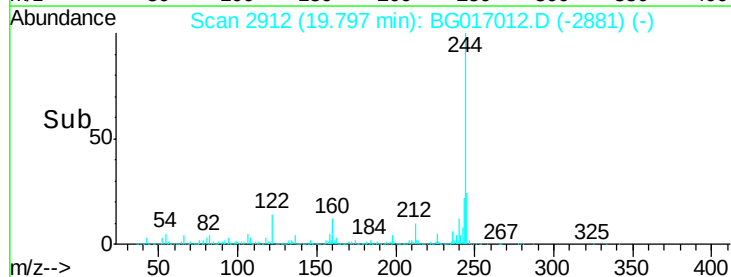
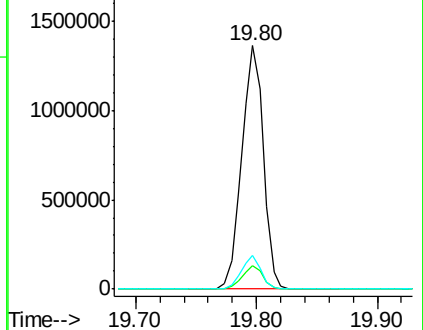
122 13.7 10.4 15.6

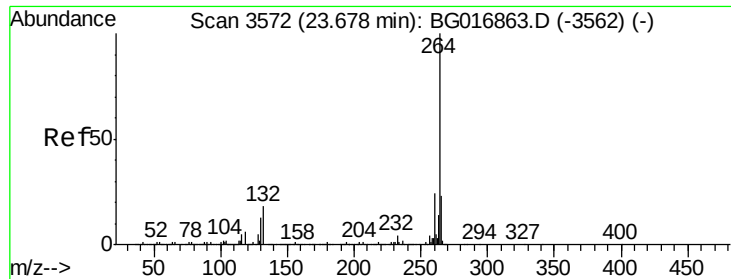


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

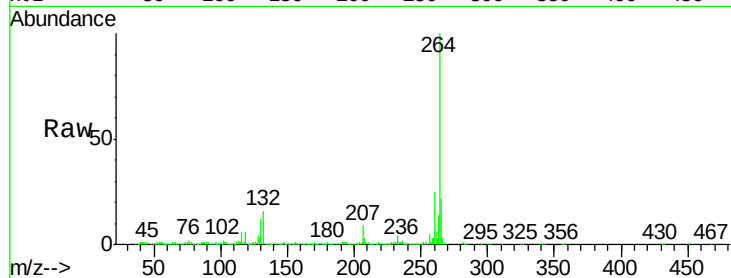




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.64 min Scan# 3566
Delta R.T. -0.04 min
Lab File: BG017012.D
Acq: 10 May 2015 6:47

Instrument :
BNA_G
ClientSampleId :
LAR9794-A

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



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

