

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050915\
 Data File : BG017015.D
 Acq On : 10 May 2015 8:31
 Operator : TP/IZ
 Sample : G2139-02
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LAR9794-B

Quant Time: May 19 07:34:20 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

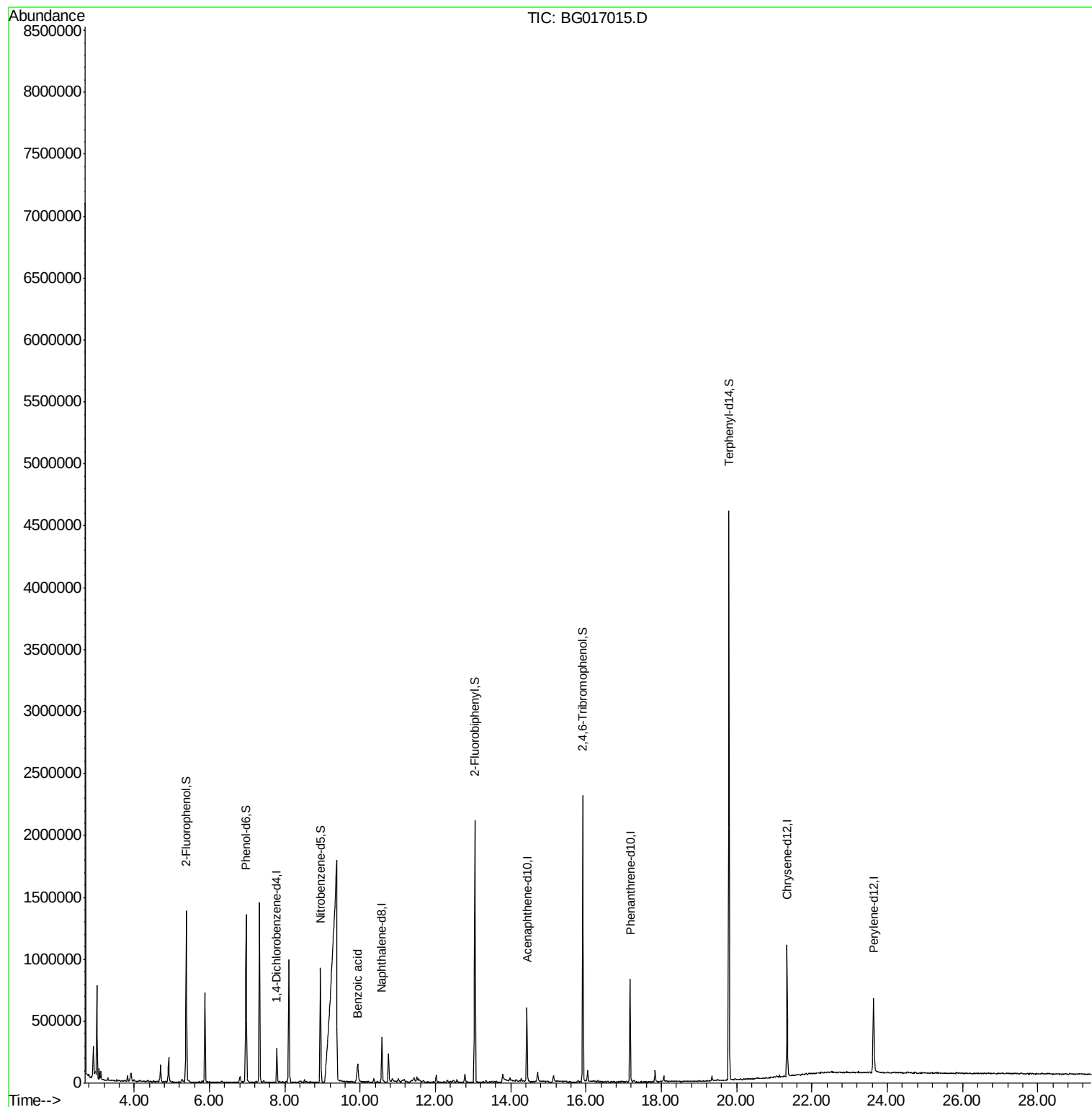
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	61846	20.00	ng	-0.02
21) Naphthalene-d8	10.58	136	272433	20.00	ng	-0.02
38) Acenaphthene-d10	14.43	164	188760	20.00	ng	-0.02
63) Phenanthrene-d10	17.17	188	452568	20.00	ng	-0.02
75) Chrysene-d12	21.34	240	462049	20.00	ng	-0.03
86) Perylene-d12	23.64	264	443399	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	477927	134.56	ng	0.00
7) Phenol-d6	6.97	99	622382	122.65	ng	0.00
23) Nitrobenzene-d5	8.95	82	473131	84.84	ng	-0.02
41) 2,4,6-Tribromophenol	15.92	330	324554	171.27	ng	-0.01
44) 2-Fluorobiphenyl	13.05	172	982491	78.54	ng	-0.02
78) Terphenyl-d14	19.80	244	1733907	87.97	ng	-0.02
Target Compounds						
32) Benzoic acid	9.93	122	54764	25.93	ng	Qvalue 92

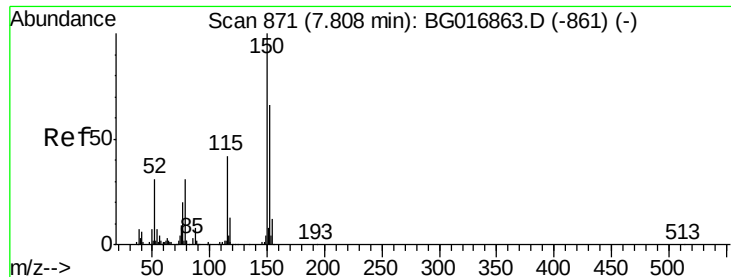
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG017015.D

Acq: 10 May 2015 8:31

Instrument :

BNA_G

ClientSampleId :

LAR9794-B

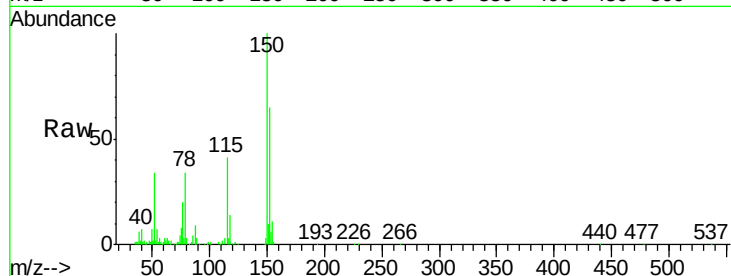
Tgt Ion:152 Resp: 61846

Ion Ratio Lower Upper

152 100

150 154.0 121.0 181.4

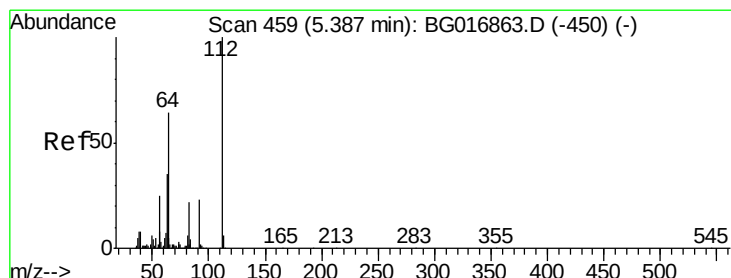
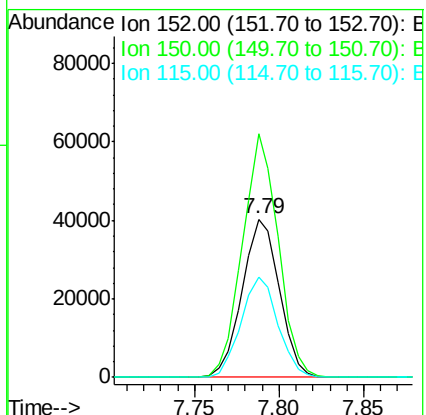
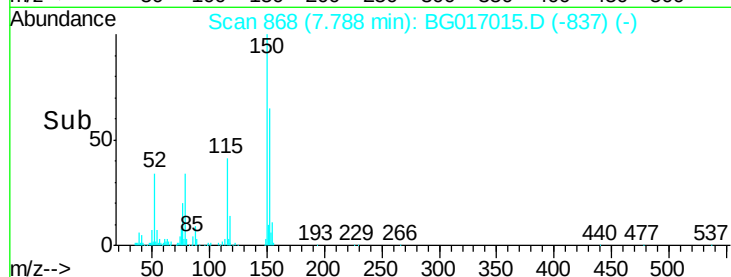
115 63.5 50.5 75.7



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: 134.56 ng

RT: 5.38 min Scan# 458

Delta R.T. -0.01 min

Lab File: BG017015.D

Acq: 10 May 2015 8:31

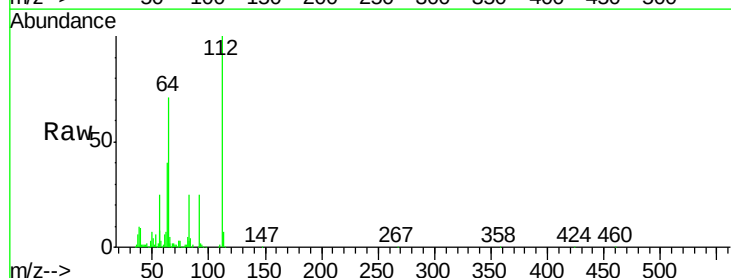
Tgt Ion:112 Resp: 477927

Ion Ratio Lower Upper

112 100

64 70.7 51.4 77.2

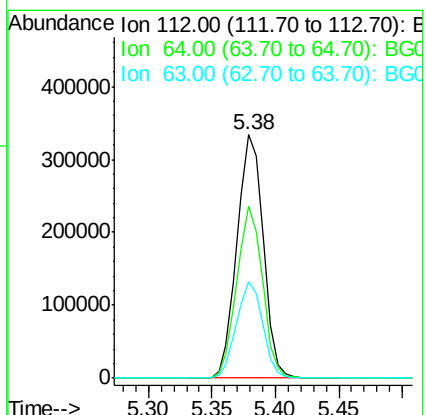
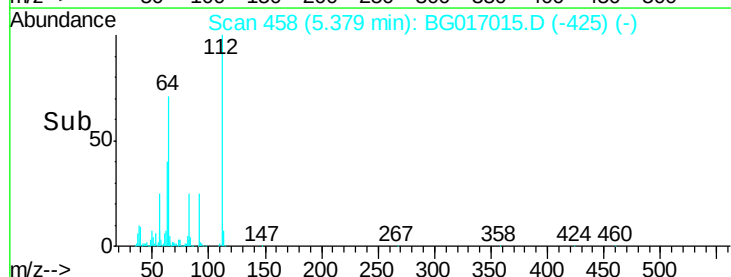
63 39.5 28.1 42.1

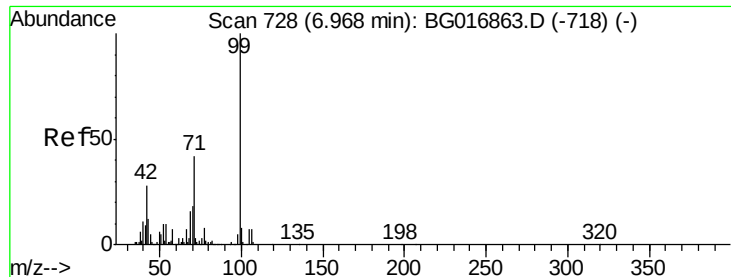


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 122.65 ng

RT: 6.97 min Scan# 729

Delta R.T. 0.00 min

Lab File: BG017015.D

Acq: 10 May 2015 8:31

Instrument :

BNA_G

ClientSampleId :

LAR9794-B

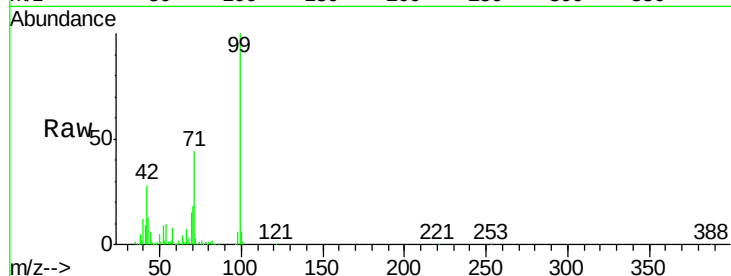
Tgt Ion: 99 Resp: 622382

Ion Ratio Lower Upper

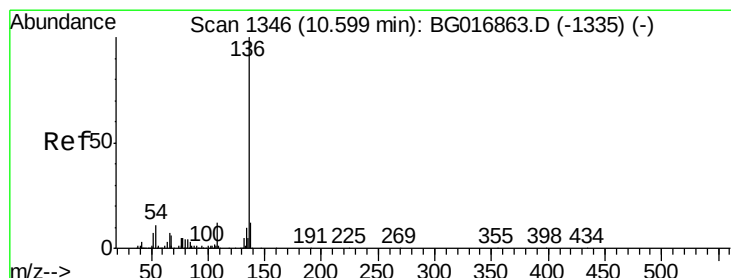
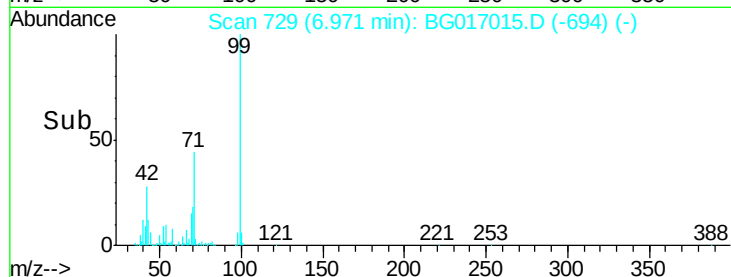
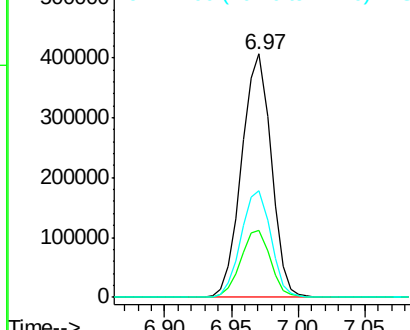
99 100

42 27.5 22.1 33.1

71 43.6 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: BG017015.D

Acq: 10 May 2015 8:31

Tgt Ion: 136 Resp: 272433

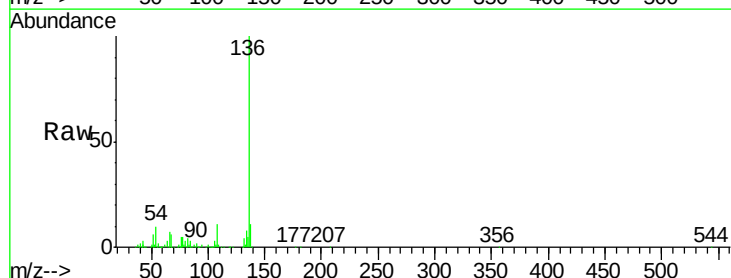
Ion Ratio Lower Upper

136 100

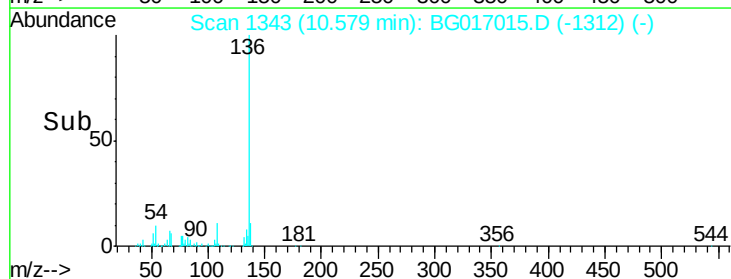
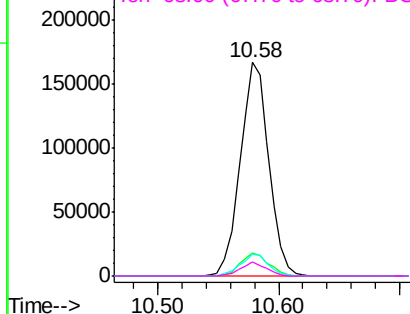
137 10.9 9.8 14.8

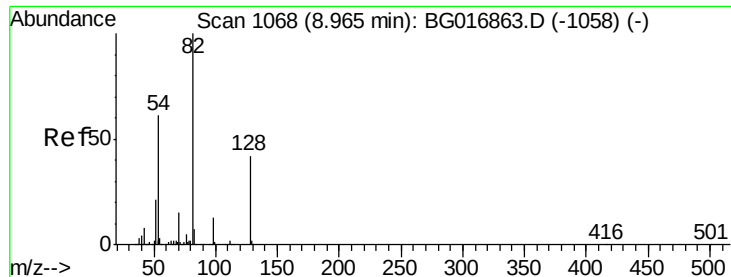
54 10.1 8.7 13.1

68 6.4 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

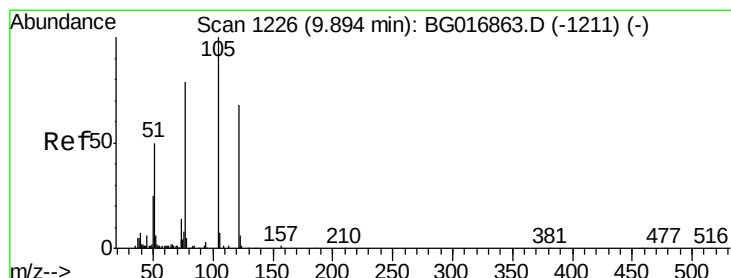
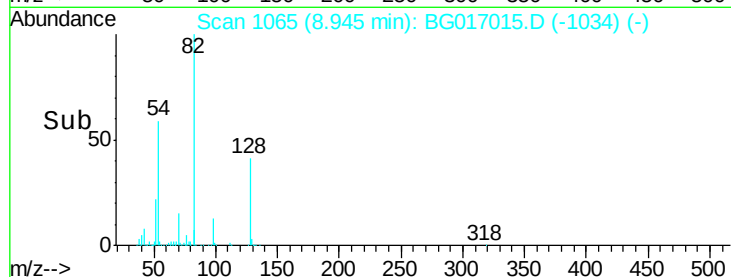
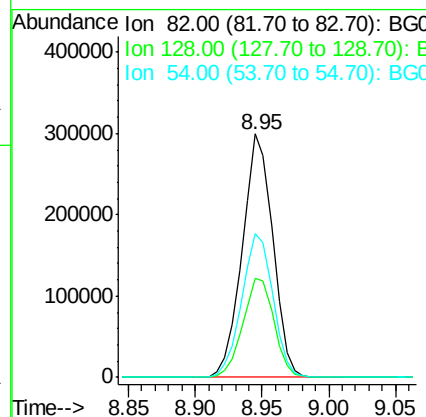
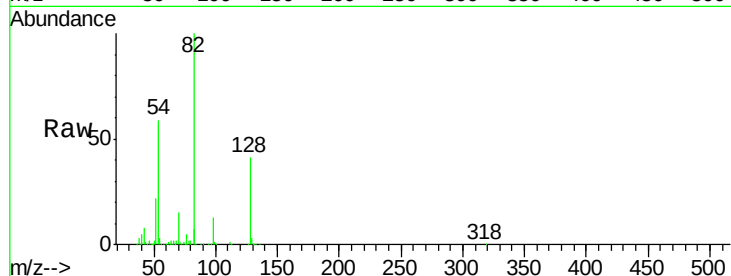




#23
 Nitrobenzene-d5
 Concen: 84.84 ng
 RT: 8.95 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BG017015.D
 Acq: 10 May 2015 8:31

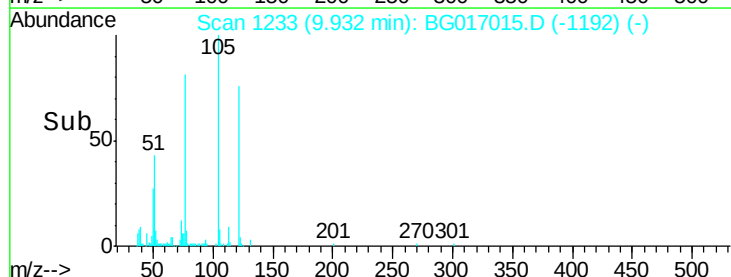
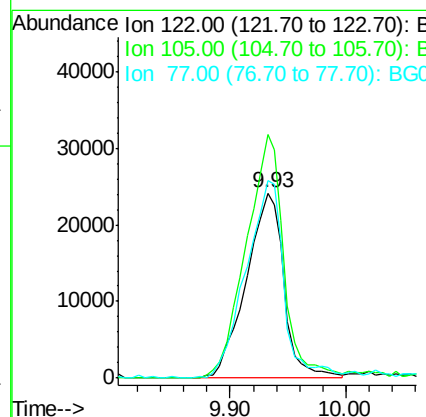
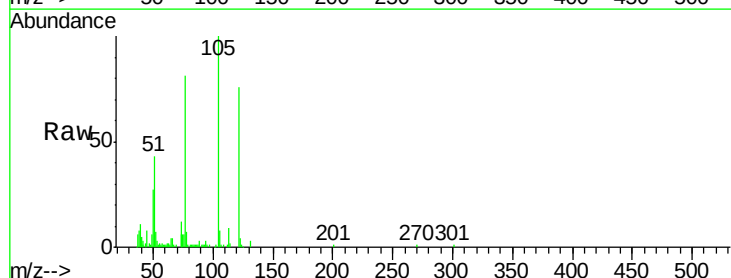
Instrument :
 BNA_G
 ClientSampleId :
 LAR9794-B

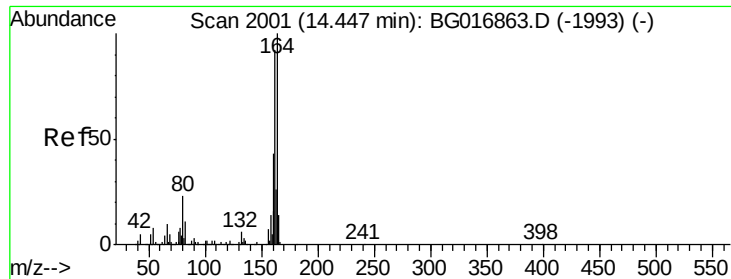
Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.9	33.2	49.8
54	59.1	48.6	72.8



#32
 Benzoic acid
 Concen: 25.93 ng
 RT: 9.93 min Scan# 1233
 Delta R.T. 0.04 min
 Lab File: BG017015.D
 Acq: 10 May 2015 8:31

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.5	123.2	163.2
77	106.8	93.0	133.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.43 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BG017015.D

Acq: 10 May 2015 8:31

Instrument :

BNA_G

ClientSampleId :

LAR9794-B

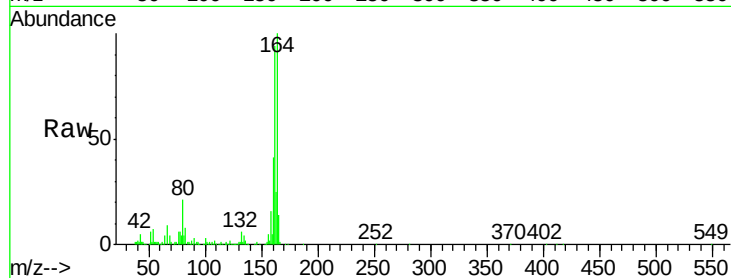
Tgt Ion:164 Resp: 188760

Ion Ratio Lower Upper

164 100

162 94.4 74.0 111.0

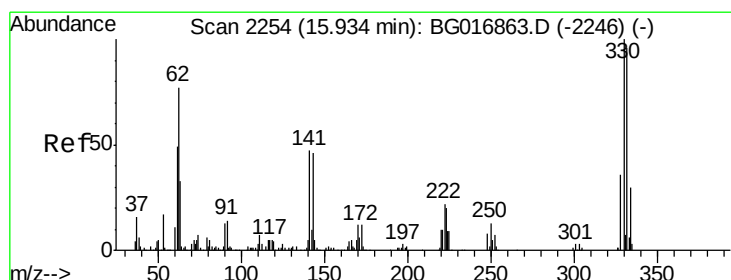
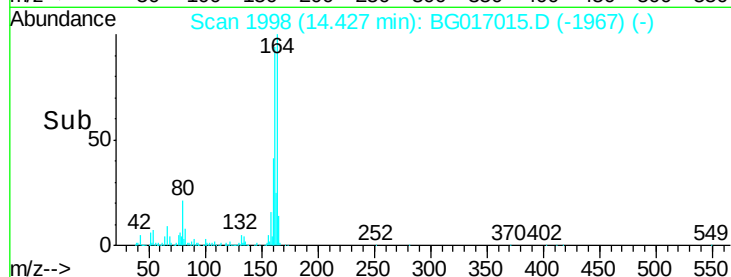
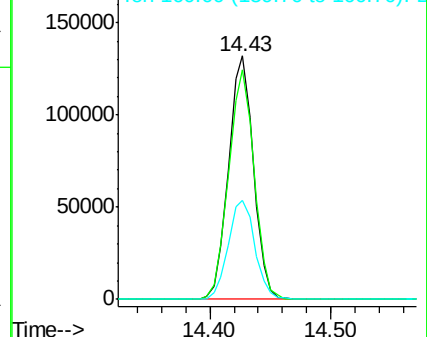
160 40.7 34.7 52.1



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: 171.27 ng

RT: 15.92 min Scan# 2252

Delta R.T. -0.01 min

Lab File: BG017015.D

Acq: 10 May 2015 8:31

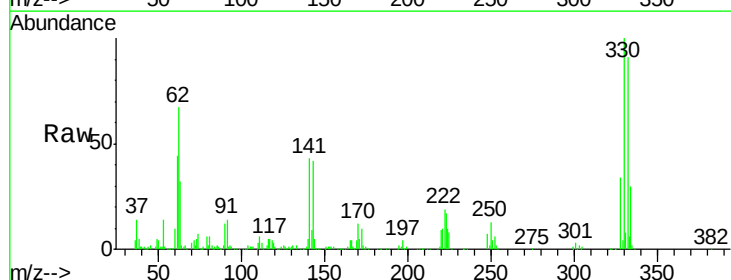
Tgt Ion:330 Resp: 324554

Ion Ratio Lower Upper

330 100

332 95.5 0.0 0.0#

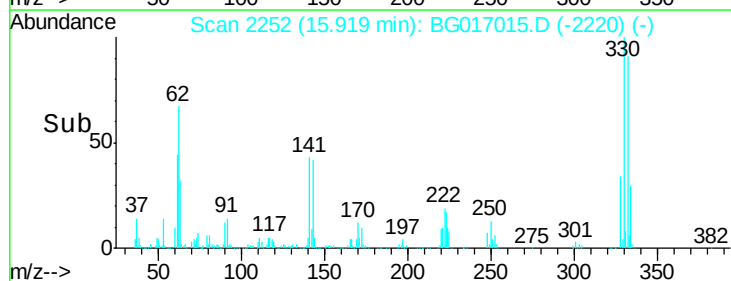
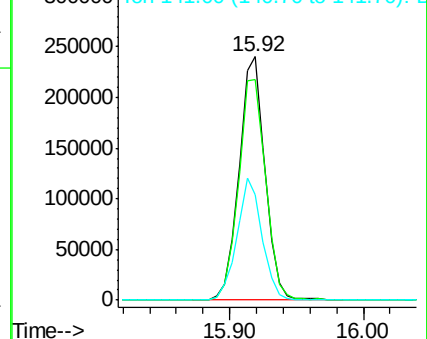
141 49.0 0.0 0.0#

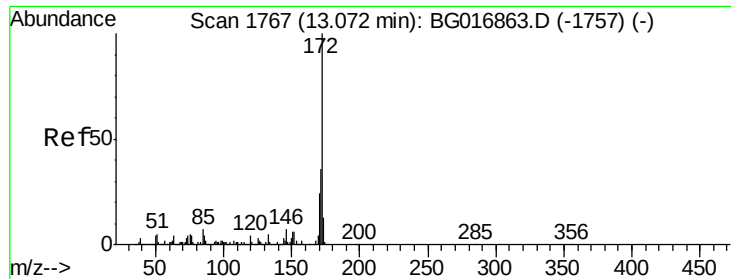


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

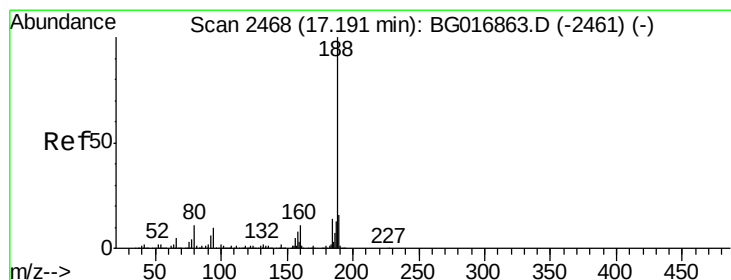
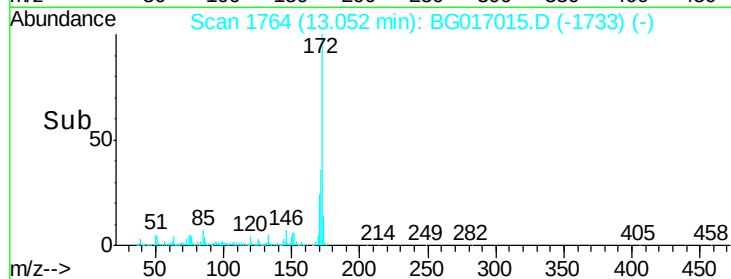
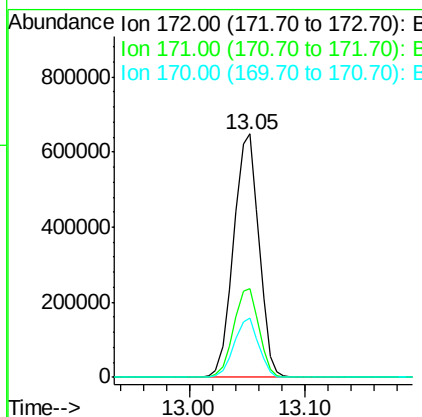
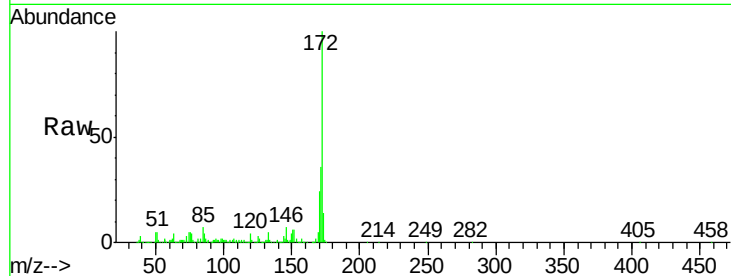




#44
 2-Fluorobiphenyl
 Concen: 78.54 ng
 RT: 13.05 min Scan# 1764
 Delta R.T. -0.02 min
 Lab File: BG017015.D
 Acq: 10 May 2015 8:31

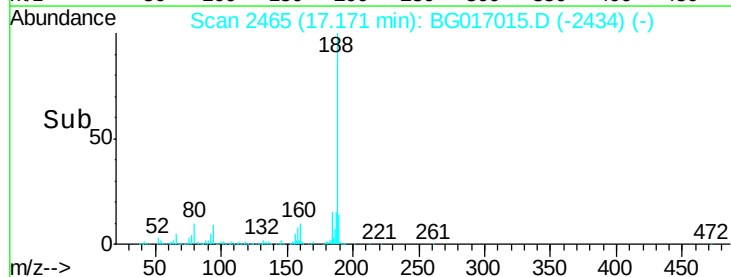
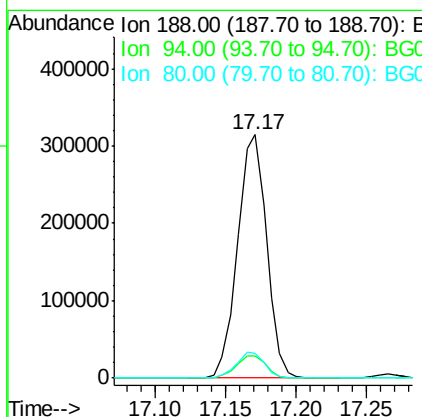
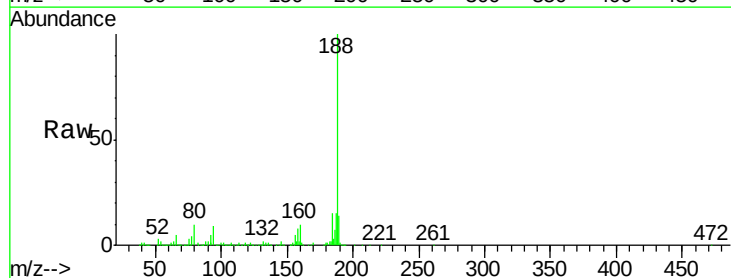
Instrument :
 BNA_G
 ClientSampleId :
 LAR9794-B

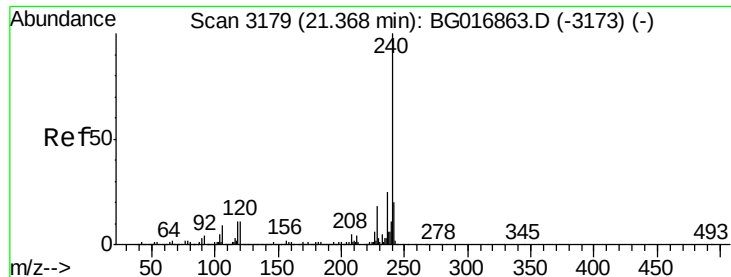
Tgt Ion:172 Resp: 982491
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.0 43.4
 170 24.2 19.0 28.4



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.17 min Scan# 2465
 Delta R.T. -0.02 min
 Lab File: BG017015.D
 Acq: 10 May 2015 8:31

Tgt Ion:188 Resp: 452568
 Ion Ratio Lower Upper
 188 100
 94 9.0 8.2 12.4
 80 9.9 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: BG017015.D

Acq: 10 May 2015 8:31

Instrument :

BNA_G

ClientSampleId :

LAR9794-B

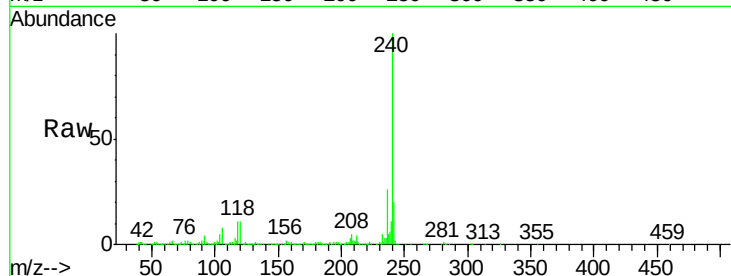
Tgt Ion:240 Resp: 462049

Ion Ratio Lower Upper

240 100

120 11.2 9.1 13.7

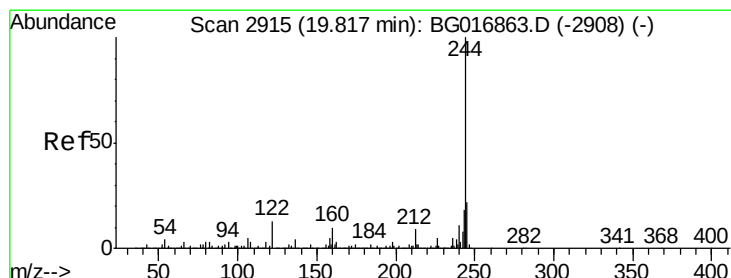
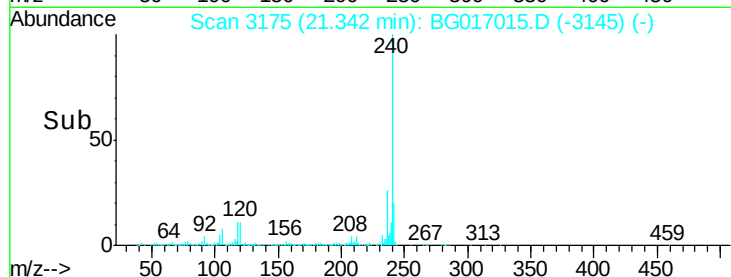
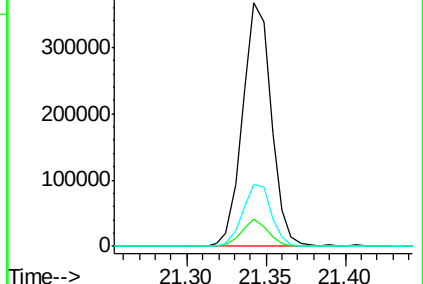
236 25.5 20.2 30.4



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: 87.97 ng

RT: 19.80 min Scan# 2912

Delta R.T. -0.02 min

Lab File: BG017015.D

Acq: 10 May 2015 8:31

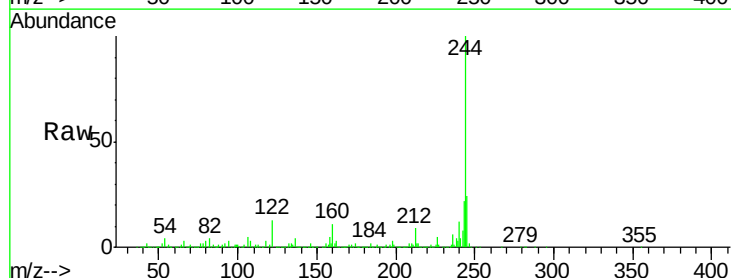
Tgt Ion:244 Resp: 1733907

Ion Ratio Lower Upper

244 100

212 9.2 7.0 10.6

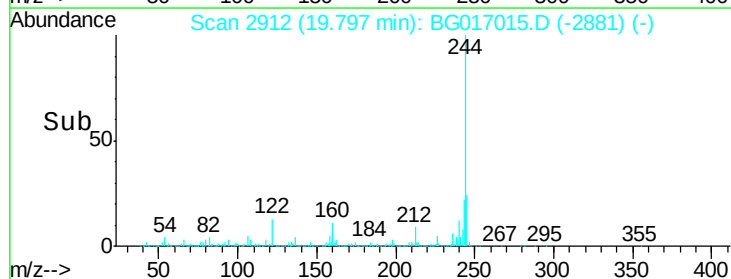
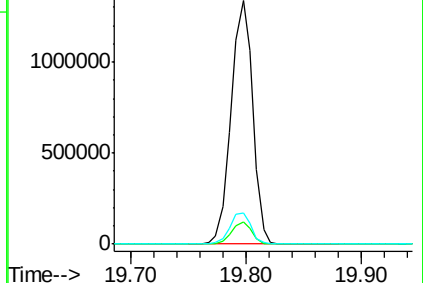
122 13.0 10.4 15.6

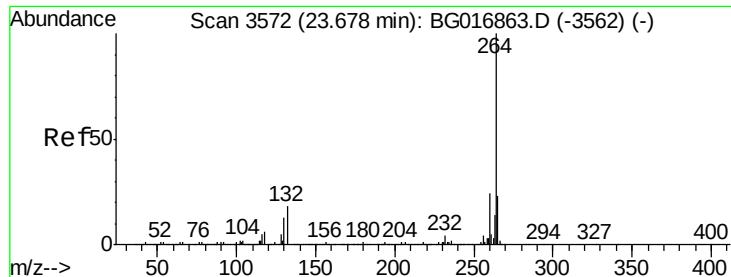


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.64 min Scan# 3566
Delta R.T. -0.04 min
Lab File: BG017015.D
Acq: 10 May 2015 8:31

Instrument :
BNA_G
ClientSampleId :
LAR9794-B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	23.1	18.5	27.7

