

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050915\
 Data File : BG017001.D
 Acq On : 9 May 2015 22:07
 Operator : TP/IZ
 Sample : G2151-18
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TU021-SB-10-6.5

Quant Time: May 11 03:05:10 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

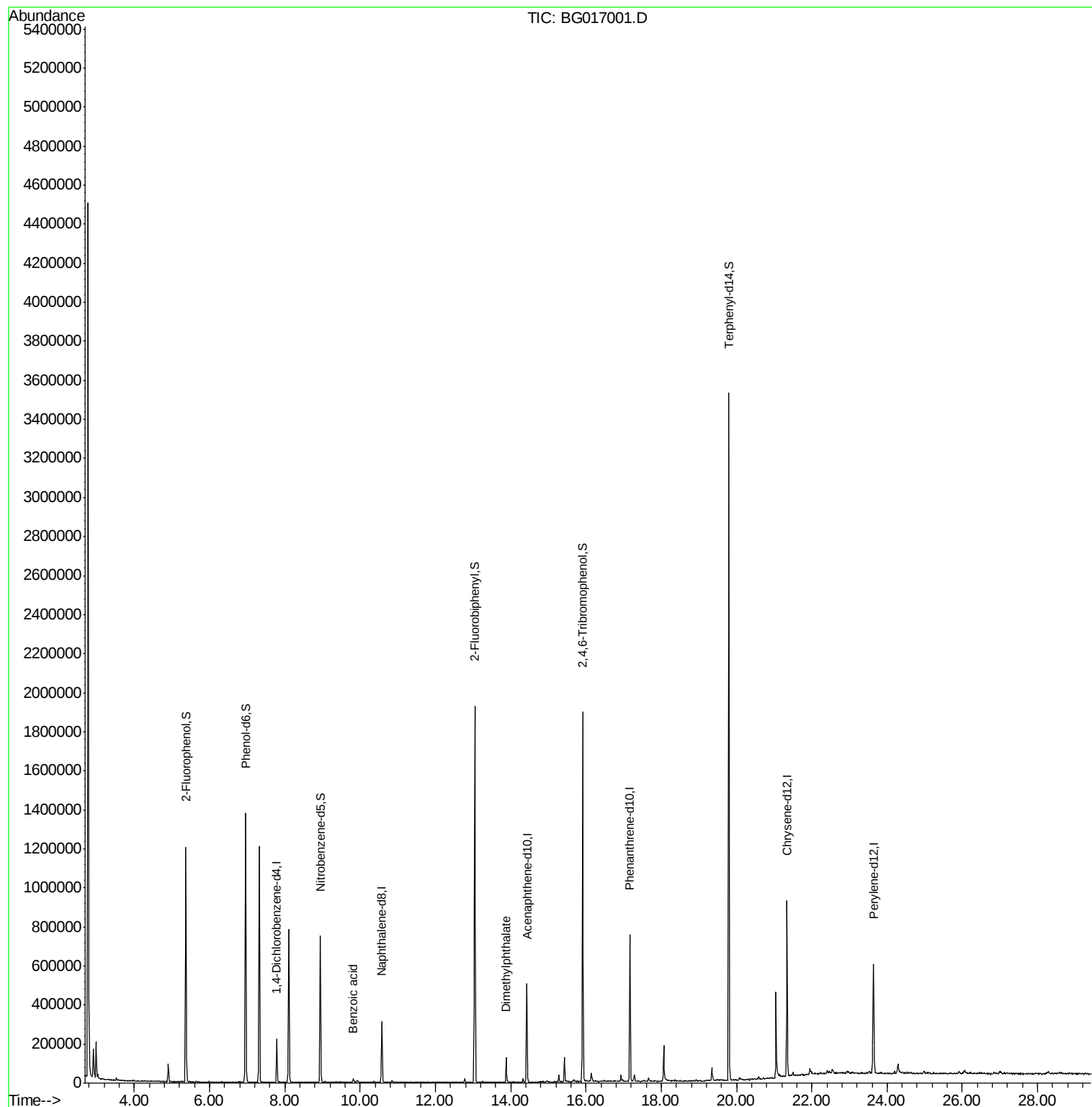
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	51298	20.00	ng	-0.02
21) Naphthalene-d8	10.58	136	231658	20.00	ng	-0.02
38) Acenaphthene-d10	14.43	164	162177	20.00	ng	-0.02
63) Phenanthrene-d10	17.17	188	381302	20.00	ng	-0.02
75) Chrysene-d12	21.34	240	373221	20.00	ng	-0.02
86) Perylene-d12	23.64	264	365225	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	419220	142.30	ng	-0.01
7) Phenol-d6	6.96	99	631557	150.05	ng	0.00
23) Nitrobenzene-d5	8.95	82	399344	84.21	ng	-0.02
41) 2,4,6-Tribromophenol	15.92	330	263044	161.56	ng	-0.02
44) 2-Fluorobiphenyl	13.05	172	841799	78.33	ng	-0.02
78) Terphenyl-d14	19.79	244	1357136	85.24	ng	-0.02
Target Compounds						
32) Benzoic acid	9.82	122	7122	4.58	ng	Qvalue # 79
49) Dimethylphthalate	13.88	163	68758	5.68	ng	98

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

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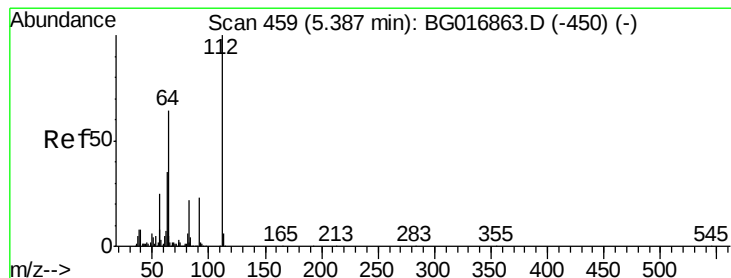
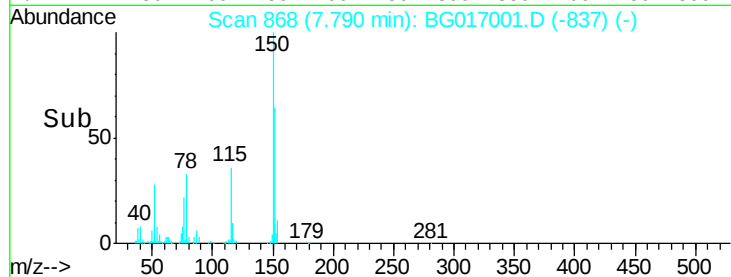
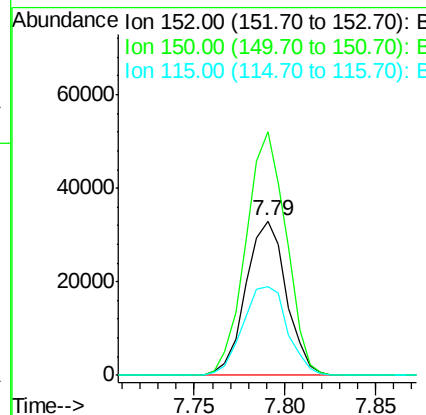
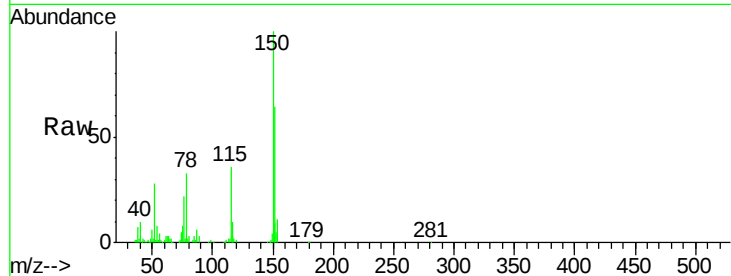


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.79 min Scan# 868
Delta R.T. -0.02 min
Lab File: BG017001.D
Acq: 9 May 2015 22:07

Instrument :
BNA_G
ClientSampleId :
TU021-SB-10-6.5

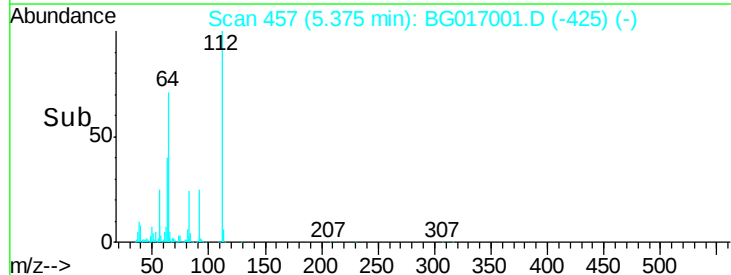
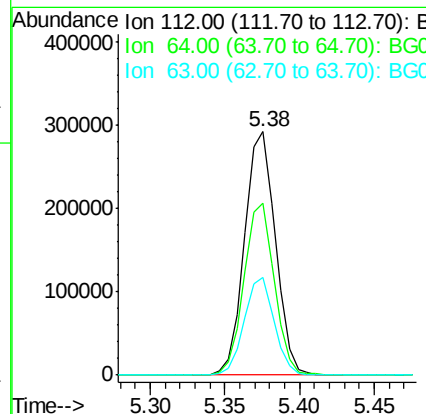
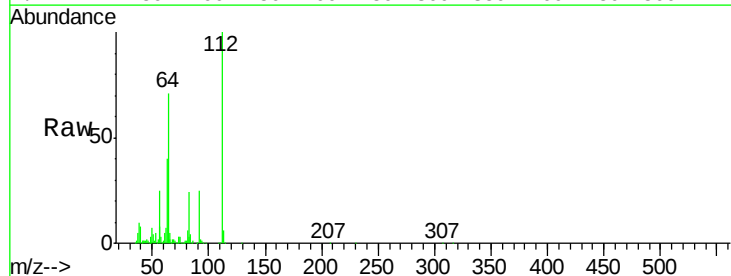
Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.4	121.0	181.4
115	57.0	50.5	75.7

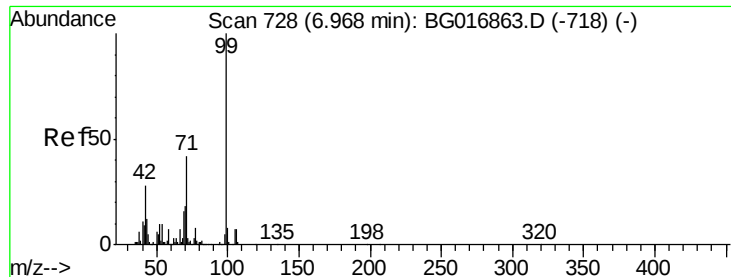


#5

2-Fluorophenol
Concen: 142.30 ng
RT: 5.38 min Scan# 457
Delta R.T. -0.01 min
Lab File: BG017001.D
Acq: 9 May 2015 22:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.7	51.4	77.2
63	40.3	28.1	42.1





#7

Phenol-d6

Concen: 150.05 ng

RT: 6.96 min Scan# 727

Delta R.T. -0.01 min

Lab File: BG017001.D

Acq: 9 May 2015 22:07

Instrument :

BNA_G

ClientSampleId :

TU021-SB-10-6.5

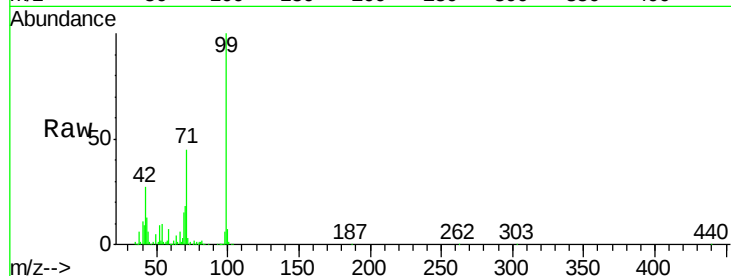
Tgt Ion: 99 Resp: 631557

Ion Ratio Lower Upper

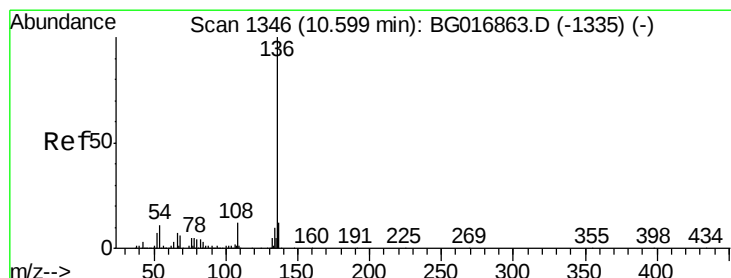
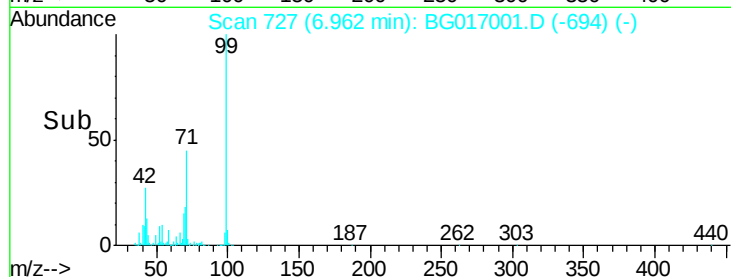
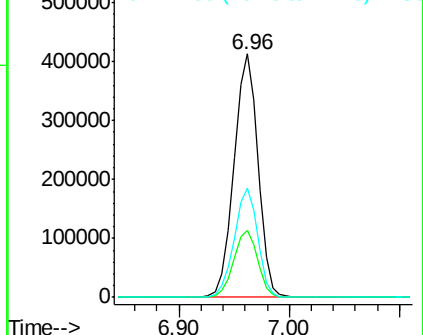
99 100

42 27.4 22.1 33.1

71 45.1 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: BG017001.D

Acq: 9 May 2015 22:07

Tgt Ion: 136 Resp: 231658

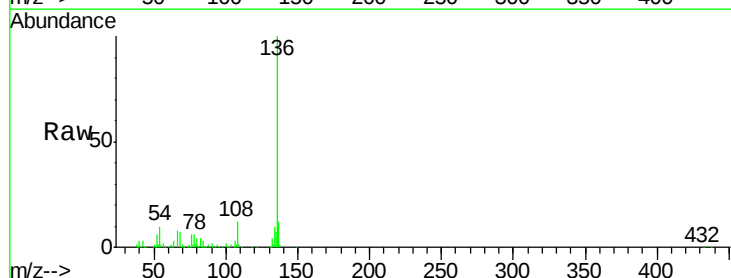
Ion Ratio Lower Upper

136 100

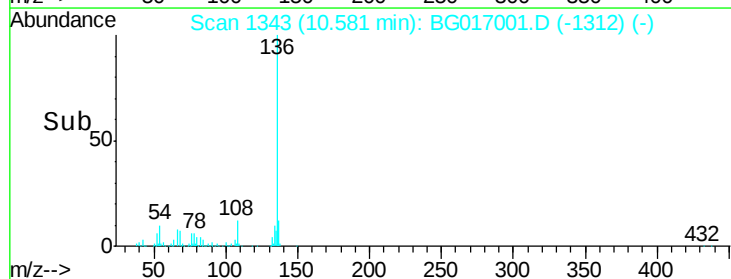
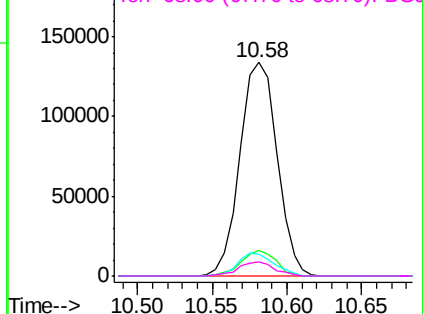
137 12.0 9.8 14.8

54 10.2 8.7 13.1

68 6.7 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

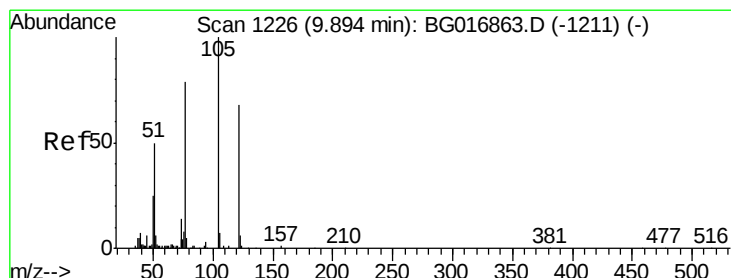
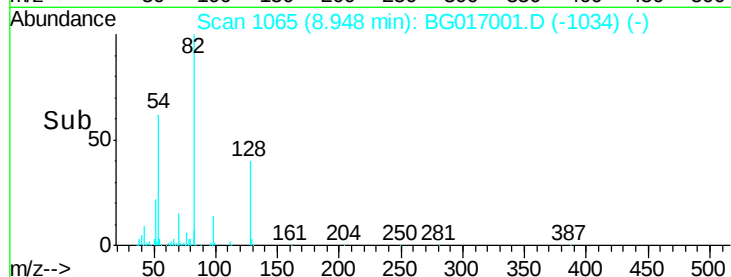
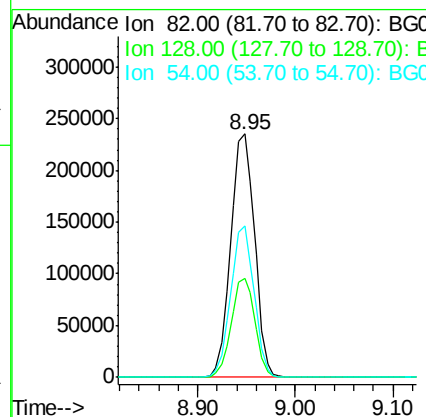
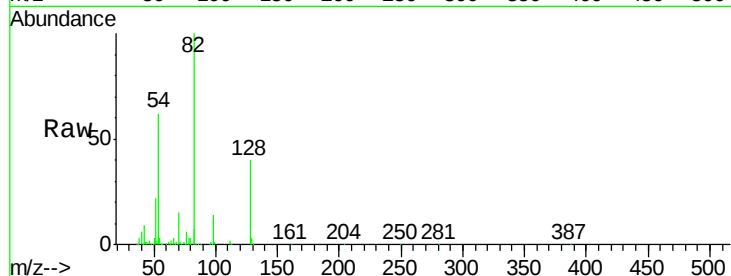




#23
 Nitrobenzene-d5
 Concen: 84.21 ng
 RT: 8.95 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BG017001.D
 Acq: 9 May 2015 22:07

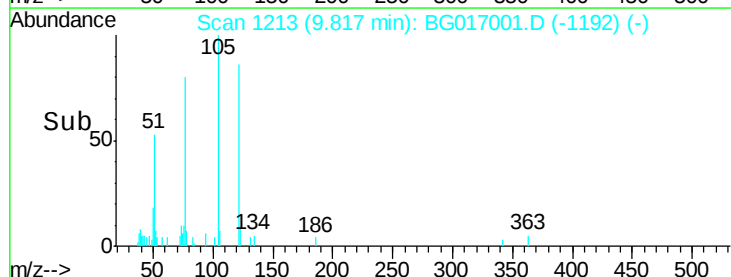
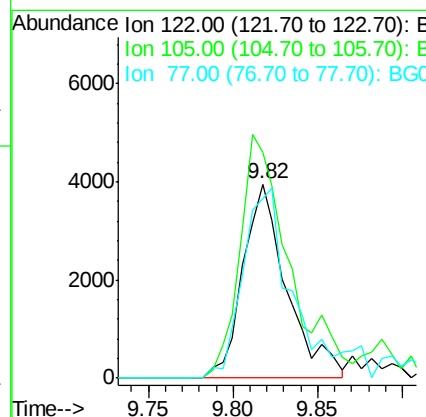
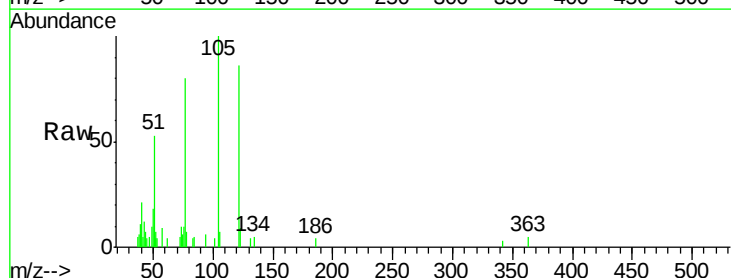
Instrument :
 BNA_G
 ClientSampleId :
 TU021-SB-10-6.5

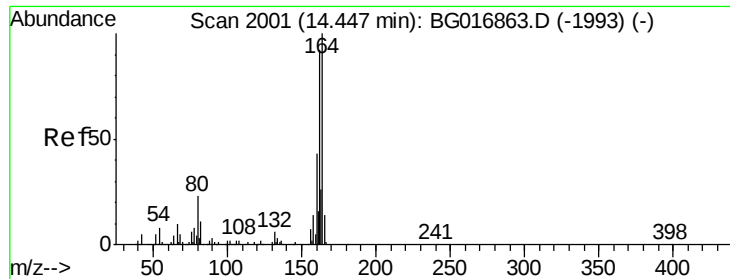
Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.5	33.2	49.8
54	62.4	48.6	72.8



#32
 Benzoic acid
 Concen: 4.58 ng
 RT: 9.82 min Scan# 1213
 Delta R.T. -0.08 min
 Lab File: BG017001.D
 Acq: 9 May 2015 22:07

Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.4	123.2	163.2#
77	92.6	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: BG017001.D

Acq: 9 May 2015 22:07

Instrument :

BNA_G

ClientSampleId :

TU021-SB-10-6.5

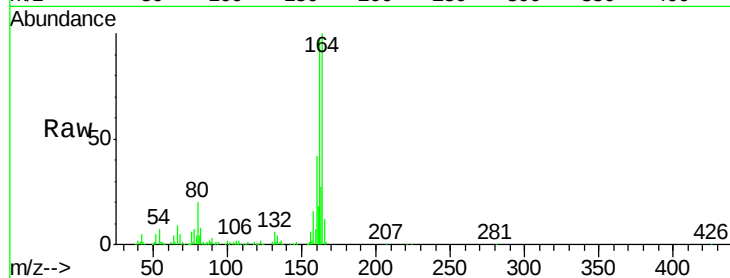
Tgt Ion:164 Resp: 162177

Ion Ratio Lower Upper

164 100

162 96.6 74.0 111.0

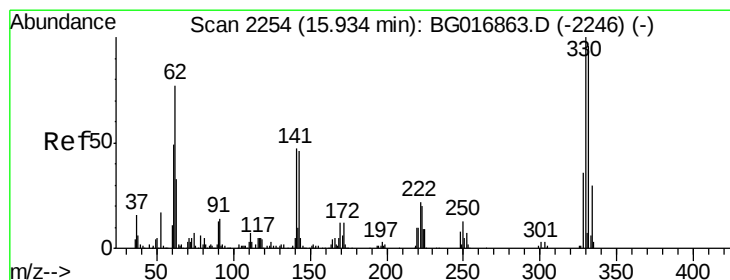
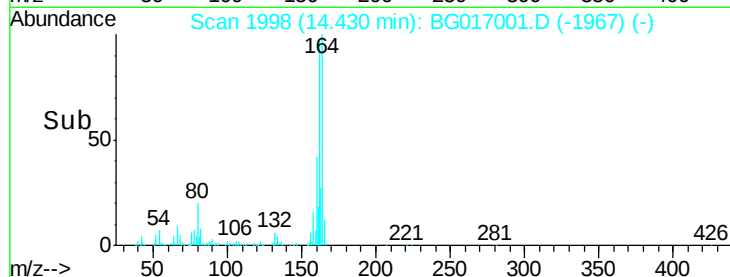
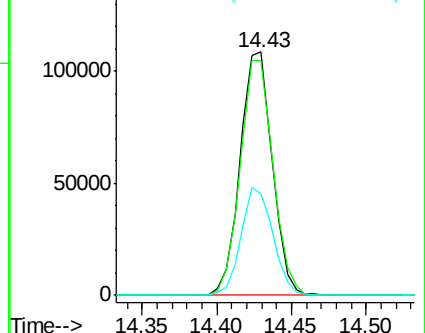
160 41.5 34.7 52.1



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: 161.56 ng

RT: 15.92 min Scan# 2251

Delta R.T. -0.02 min

Lab File: BG017001.D

Acq: 9 May 2015 22:07

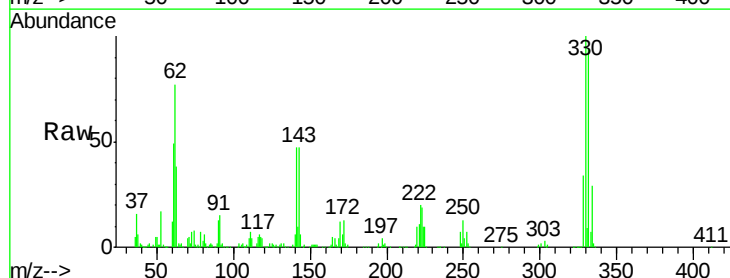
Tgt Ion:330 Resp: 263044

Ion Ratio Lower Upper

330 100

332 97.3 0.0 0.0#

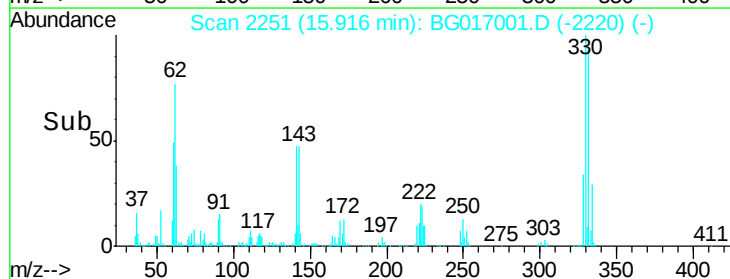
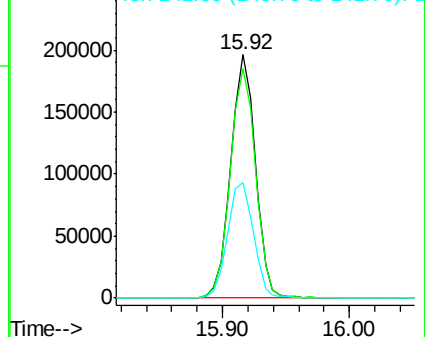
141 49.9 0.0 0.0#

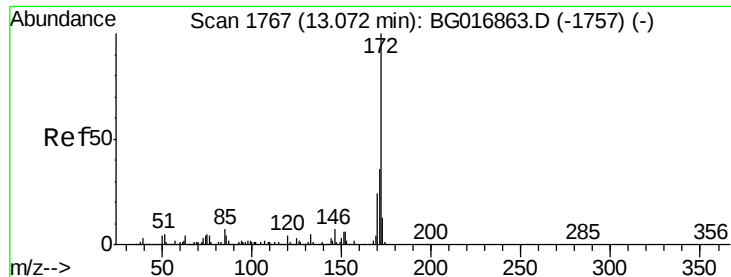


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

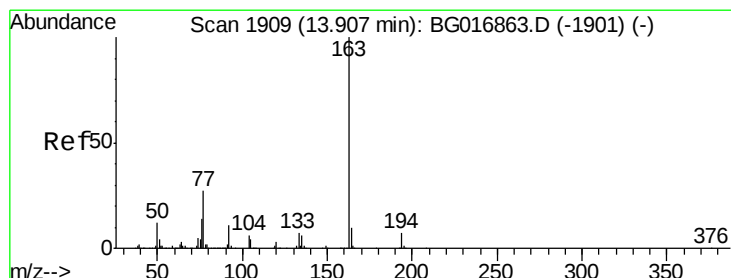
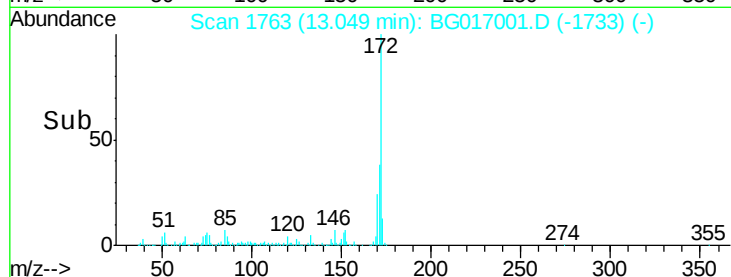
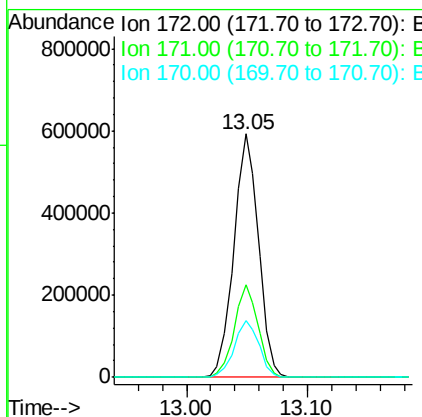
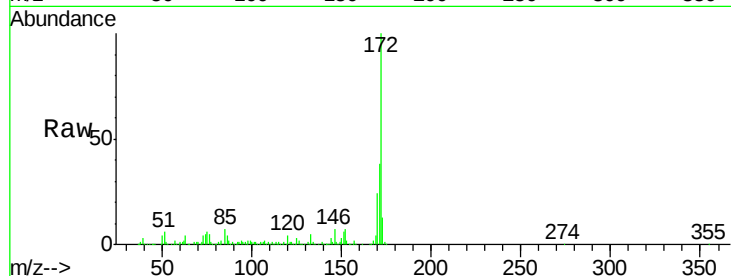




#44
 2-Fluorobiphenyl
 Concen: 78.33 ng
 RT: 13.05 min Scan# 1763
 Delta R.T. -0.02 min
 Lab File: BG017001.D
 Acq: 9 May 2015 22:07

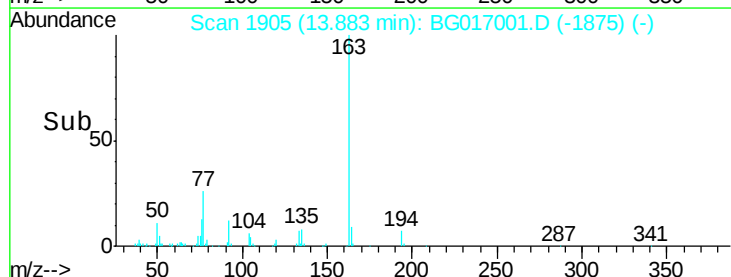
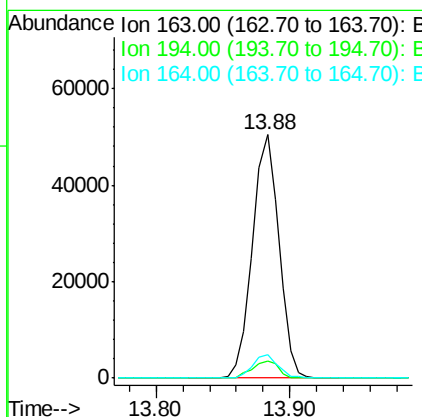
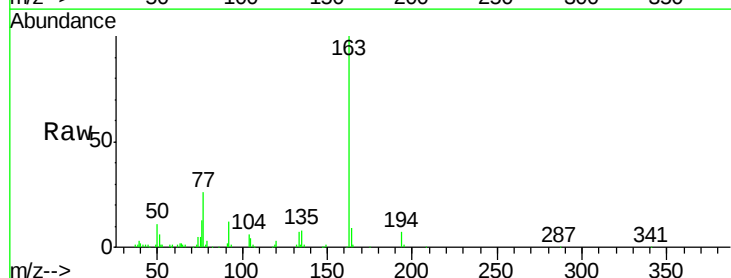
Instrument :
 BNA_G
 ClientSampleId :
 TU021-SB-10-6.5

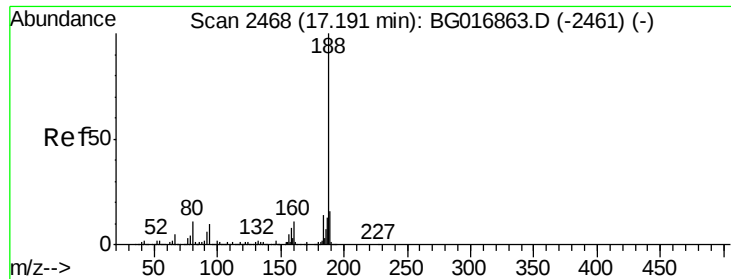
Tgt Ion:	172	Resp:	841799
Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.0	43.4
170	23.5	19.0	28.4



#49
 Dimethylphthalate
 Concen: 5.68 ng
 RT: 13.88 min Scan# 1905
 Delta R.T. -0.02 min
 Lab File: BG017001.D
 Acq: 9 May 2015 22:07

Tgt Ion:	163	Resp:	68758
Ion	Ratio	Lower	Upper
163	100		
194	7.0	5.2	7.8
164	9.4	8.4	12.6

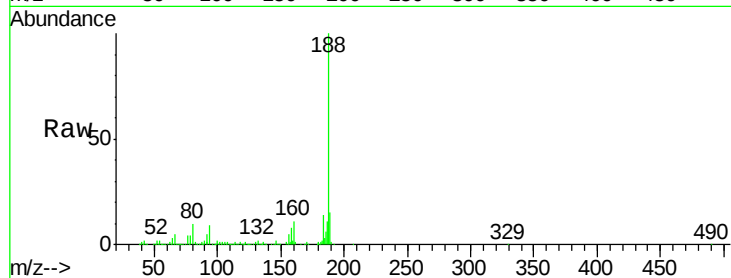




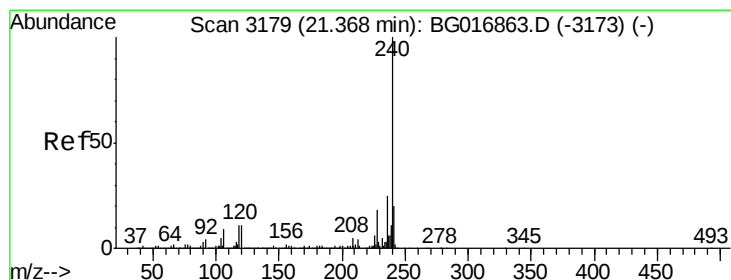
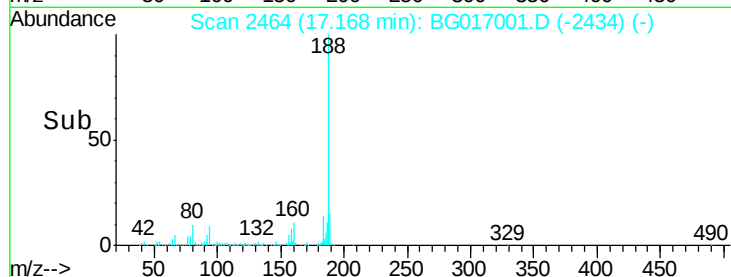
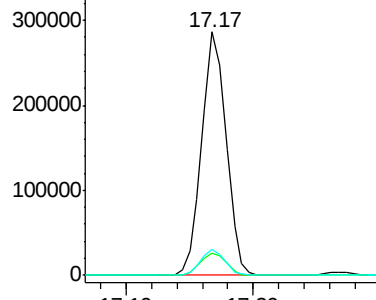
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.17 min Scan# 2464
Delta R.T. -0.02 min
Lab File: BG017001.D
Acq: 9 May 2015 22:07

Instrument :
BNA_G
ClientSampleId :
TU021-SB-10-6.5

Tgt Ion:188 Resp: 381302
Ion Ratio Lower Upper
188 100
94 9.1 8.2 12.4
80 10.4 8.8 13.2

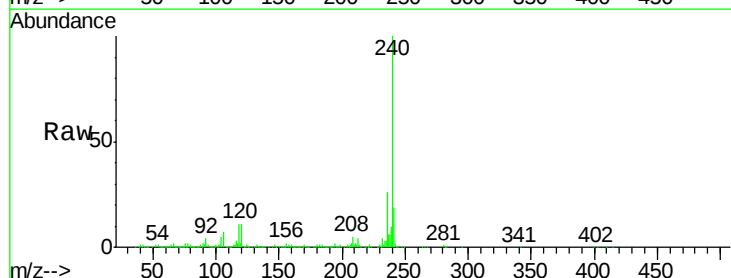


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

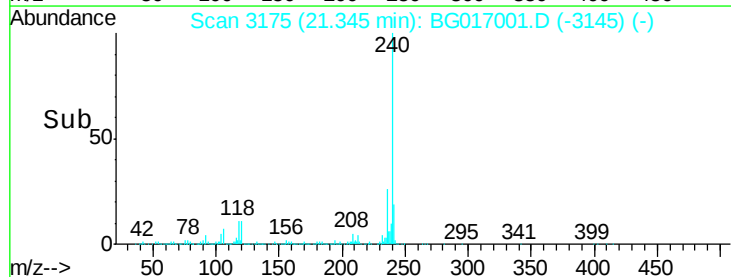
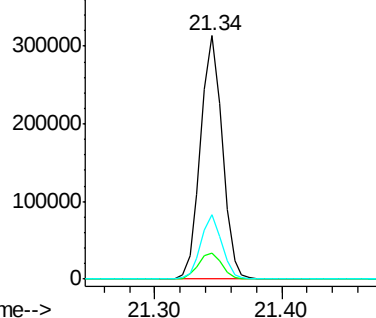


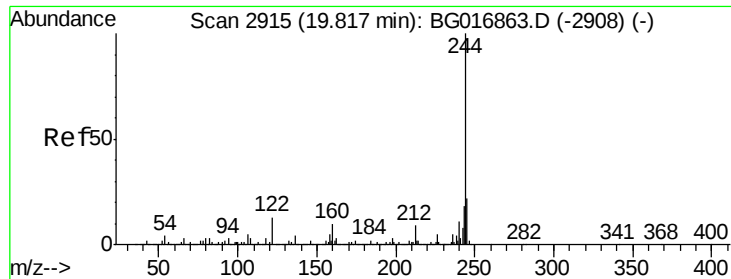
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.34 min Scan# 3175
Delta R.T. -0.02 min
Lab File: BG017001.D
Acq: 9 May 2015 22:07

Tgt Ion:240 Resp: 373221
Ion Ratio Lower Upper
240 100
120 10.5 9.1 13.7
236 26.2 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: 85.24 ng

RT: 19.79 min Scan# 2911

Delta R.T. -0.02 min

Lab File: BG017001.D

Acq: 9 May 2015 22:07

Instrument :

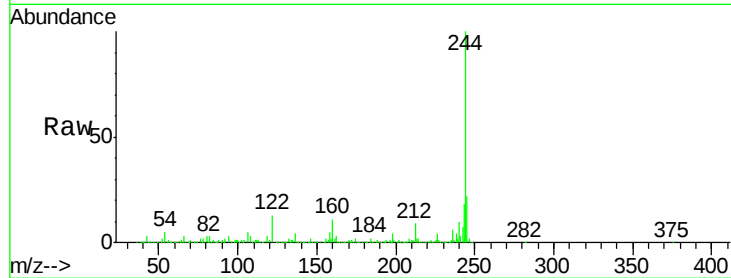
BNA_G

ClientSampleId :

TU021-SB-10-6.5

Tgt Ion:244 Resp: 1357136

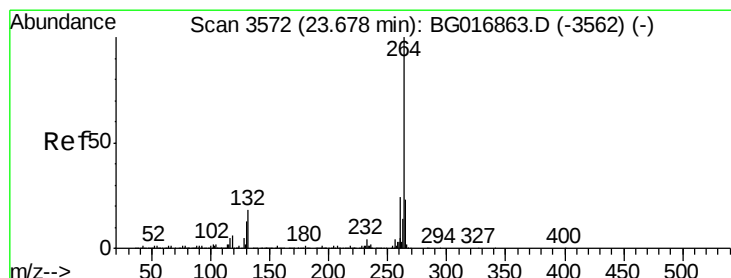
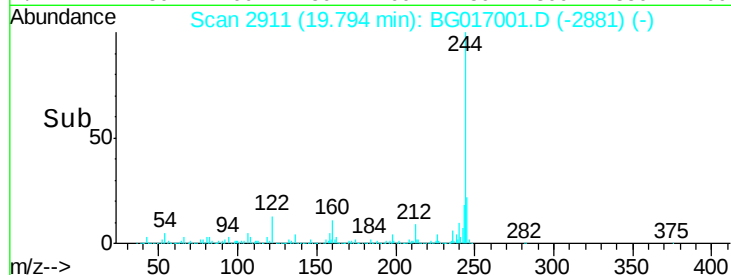
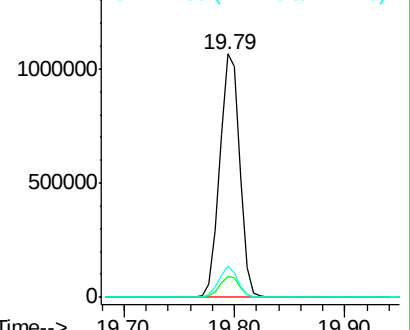
Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.0	10.6
122	12.9	10.4	15.6



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

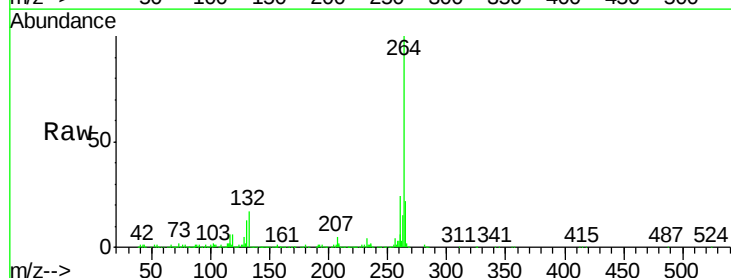
Delta R.T. -0.04 min

Lab File: BG017001.D

Acq: 9 May 2015 22:07

Tgt Ion:264 Resp: 365225

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	22.2	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

