

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050915\
 Data File : BG016998.D
 Acq On : 9 May 2015 20:22
 Operator : TP/IZ
 Sample : G2173-01
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TW-47

Quant Time: May 19 07:29:33 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

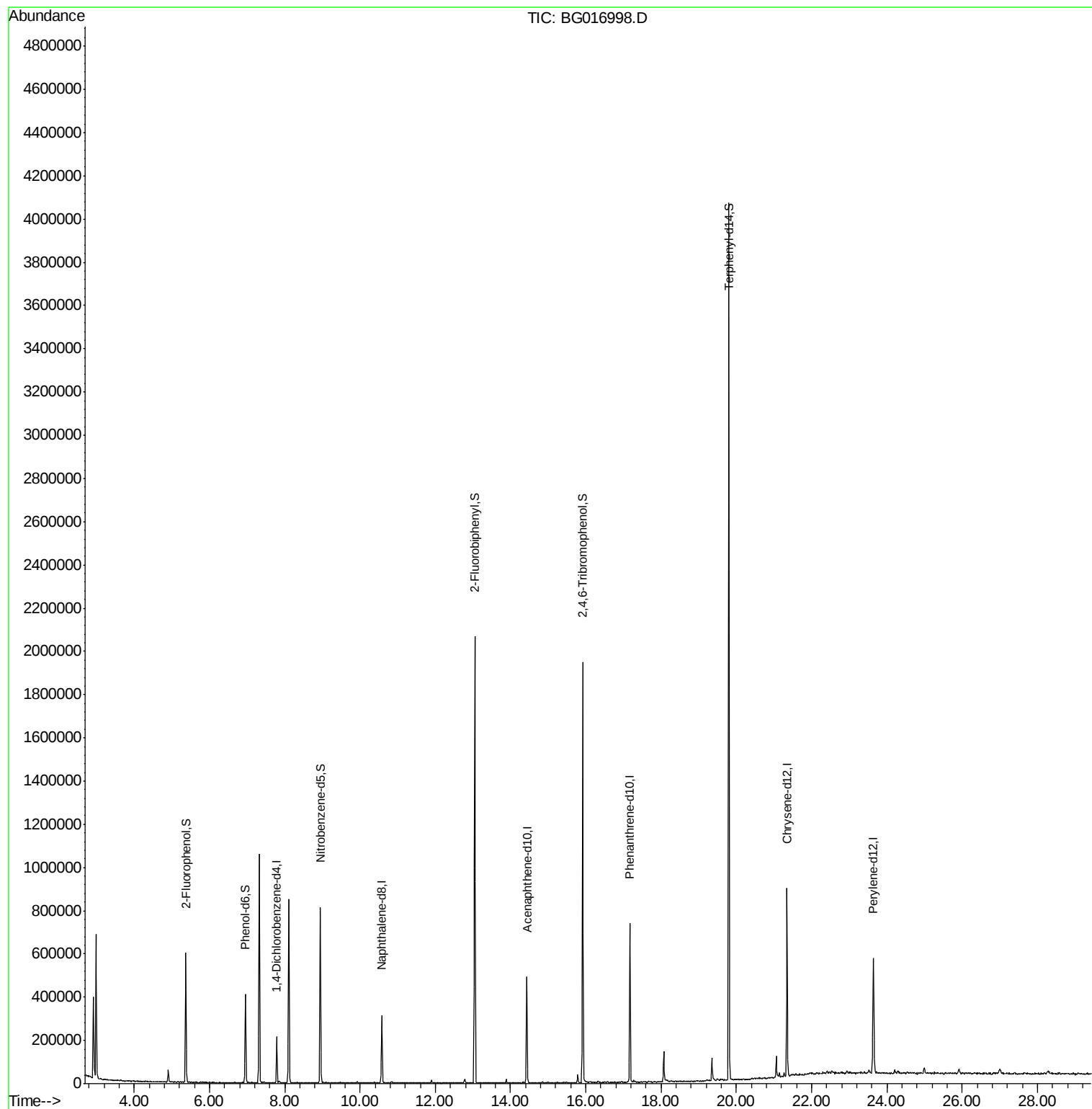
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	48006	20.00	ng	-0.02
21) Naphthalene-d8	10.58	136	223660	20.00	ng	-0.02
38) Acenaphthene-d10	14.42	164	156891	20.00	ng	-0.02
63) Phenanthrene-d10	17.17	188	376113	20.00	ng	-0.02
75) Chrysene-d12	21.35	240	378175	20.00	ng	-0.02
86) Perylene-d12	23.64	264	371087	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	215817	78.28	ng	-0.02
7) Phenol-d6	6.96	99	197178	50.06	ng	-0.01
23) Nitrobenzene-d5	8.95	82	422921	92.38	ng	-0.02
41) 2,4,6-Tribromophenol	15.92	330	267325	169.73	ng	-0.02
44) 2-Fluorobiphenyl	13.05	172	910776	87.60	ng	-0.02
78) Terphenyl-d14	19.79	244	1595131	98.88	ng	-0.02
Target Compounds						
32) Benzoic acid	9.84	122	79	Below Cal	Qvalue #	1

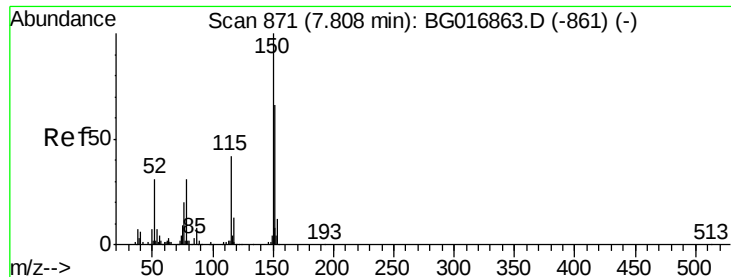
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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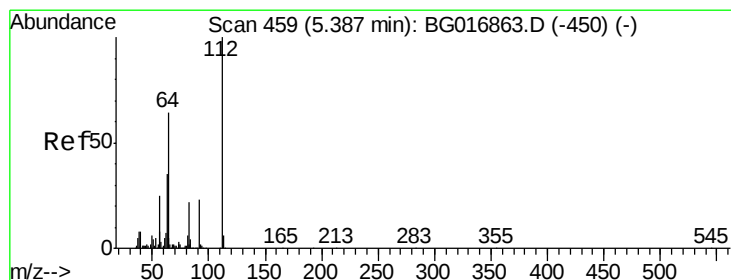
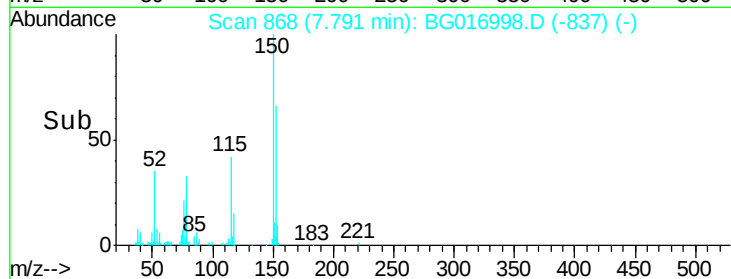
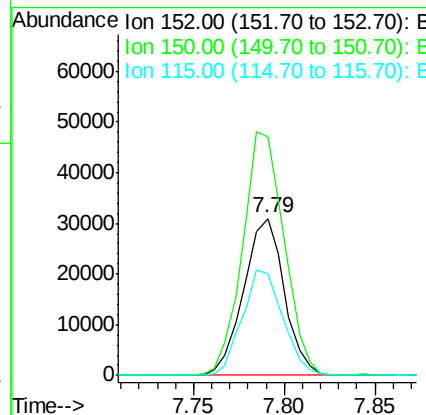
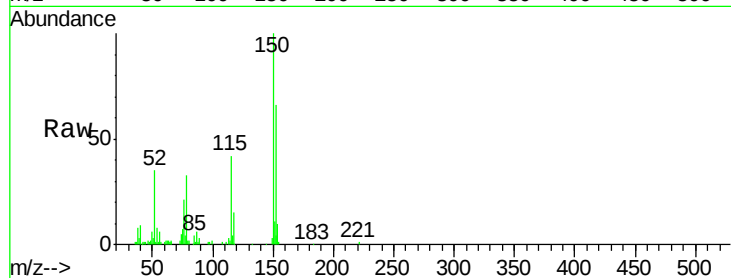


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.79 min Scan# 868
Delta R.T. -0.02 min
Lab File: BG016998.D
Acq: 9 May 2015 20:22

Instrument :
BNA_G
ClientSampleId :
TW-47

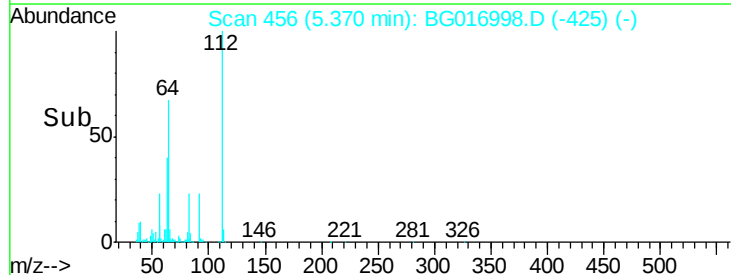
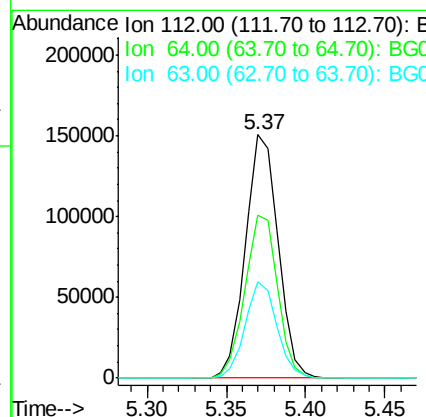
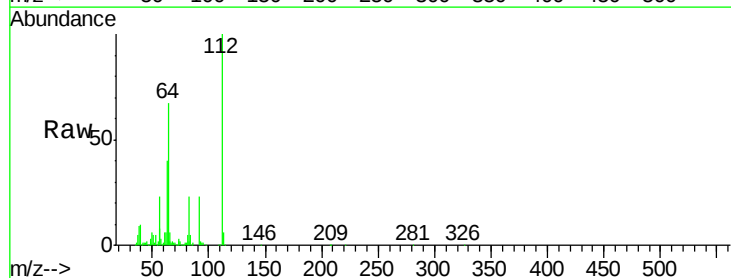
Tgt Ion:152 Resp: 48006
Ion Ratio Lower Upper
152 100
150 152.2 121.0 181.4
115 64.6 50.5 75.7

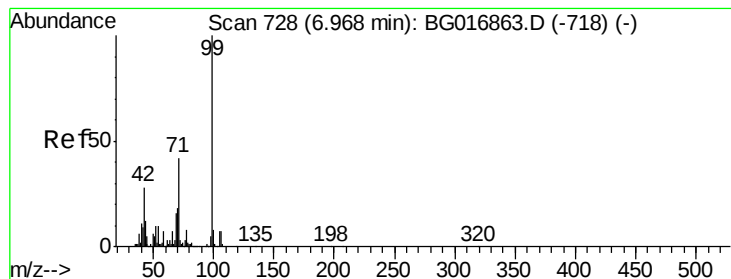


#5

2-Fluorophenol
Concen: 78.28 ng
RT: 5.37 min Scan# 456
Delta R.T. -0.02 min
Lab File: BG016998.D
Acq: 9 May 2015 20:22

Tgt Ion:112 Resp: 215817
Ion Ratio Lower Upper
112 100
64 67.0 51.4 77.2
63 39.5 28.1 42.1





#7

Phenol-d6

Concen: 50.06 ng

RT: 6.96 min Scan# 726

Delta R.T. -0.01 min

Lab File: BG016998.D

Acq: 9 May 2015 20:22

Instrument :

BNA_G

ClientSampleId :

TW-47

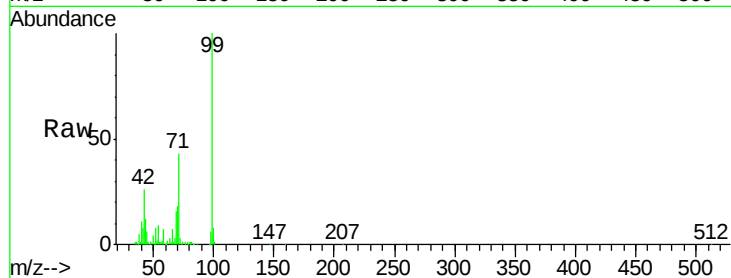
Tgt Ion: 99 Resp: 197178

Ion Ratio Lower Upper

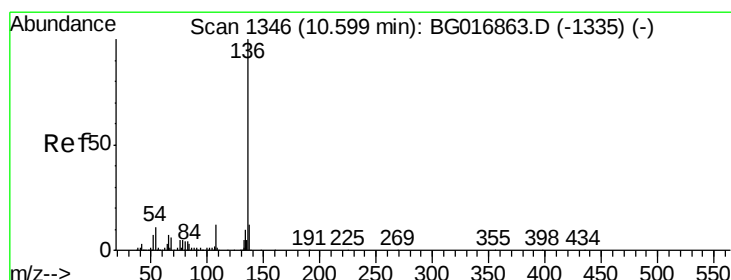
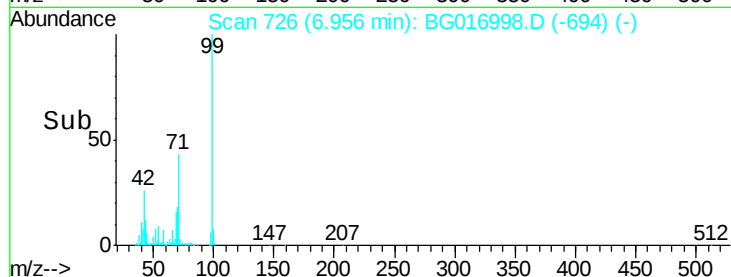
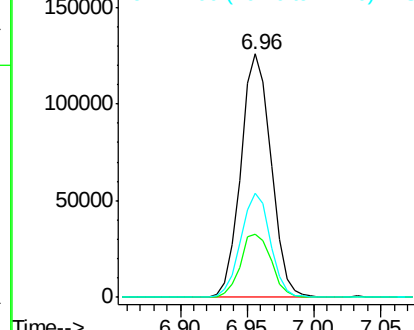
99 100

42 25.9 22.1 33.1

71 43.0 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: BG016998.D

Acq: 9 May 2015 20:22

Tgt Ion: 136 Resp: 223660

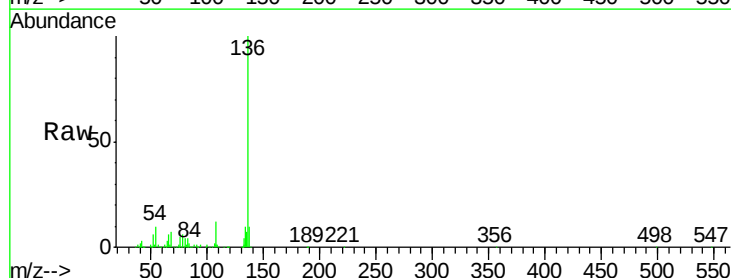
Ion Ratio Lower Upper

136 100

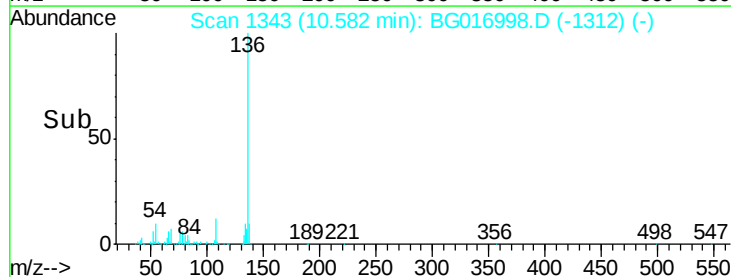
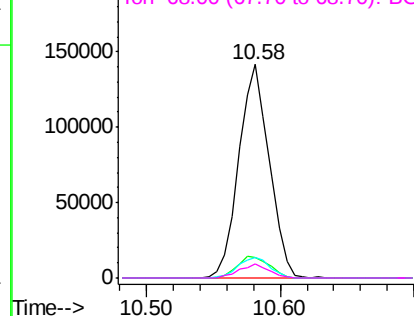
137 9.5 9.8 14.8#

54 9.5 8.7 13.1

68 6.6 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

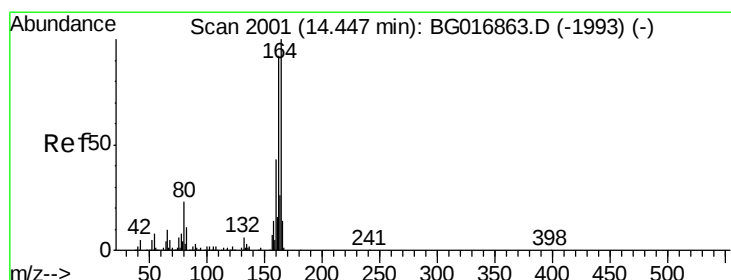
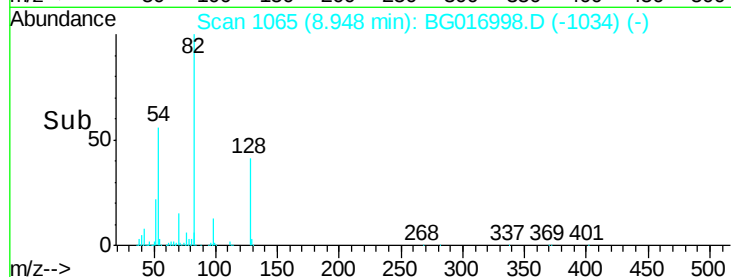
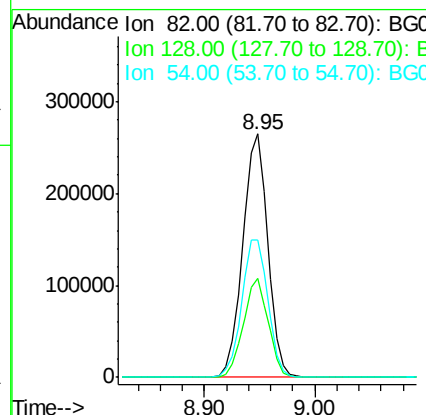
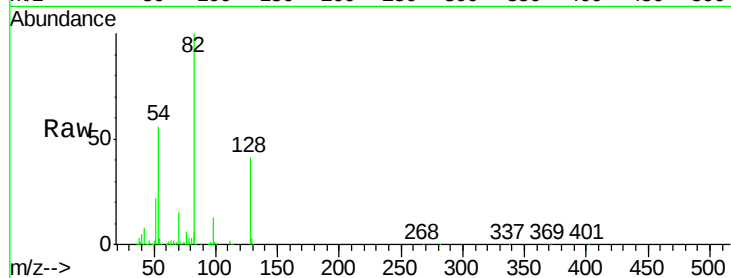




#23
Nitrobenzene-d5
Concen: 92.38 ng
RT: 8.95 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG016998.D
Acq: 9 May 2015 20:22

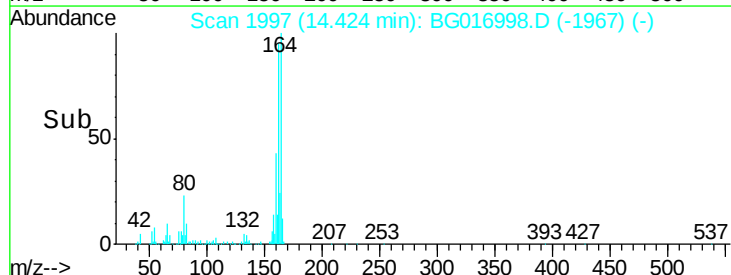
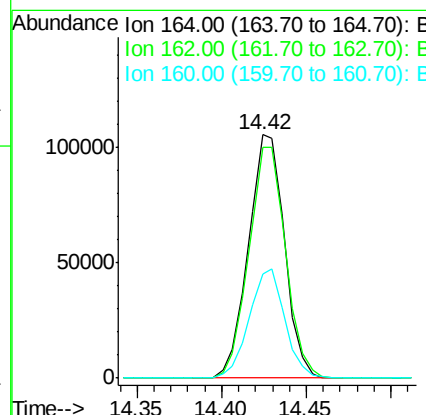
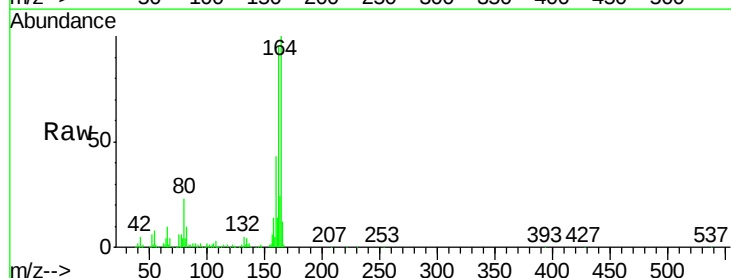
Instrument :
BNA_G
ClientSampleId :
TW-47

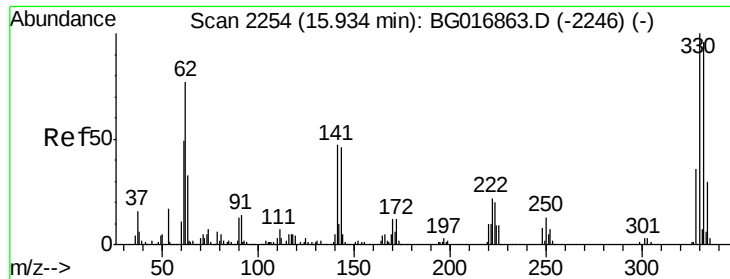
Tgt Ion: 82 Resp: 422921
Ion Ratio Lower Upper
82 100
128 40.6 33.2 49.8
54 56.2 48.6 72.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.42 min Scan# 1997
Delta R.T. -0.02 min
Lab File: BG016998.D
Acq: 9 May 2015 20:22

Tgt Ion: 164 Resp: 156891
Ion Ratio Lower Upper
164 100
162 94.6 74.0 111.0
160 42.9 34.7 52.1

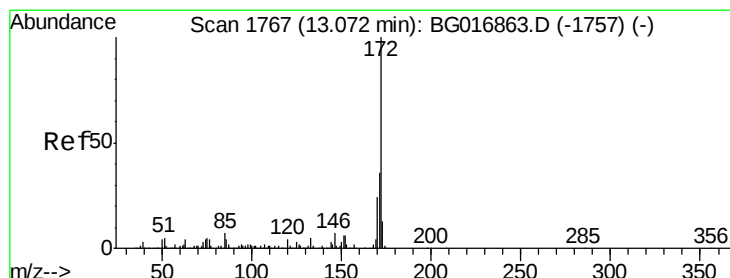
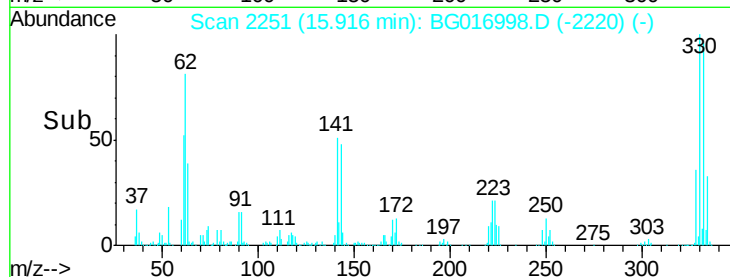
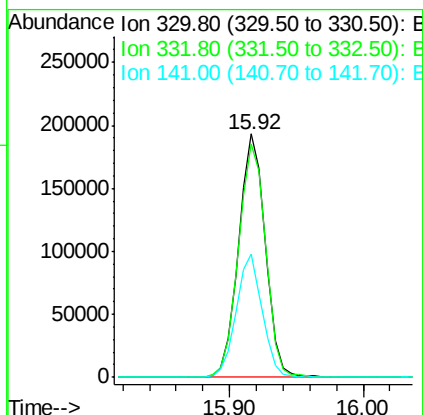
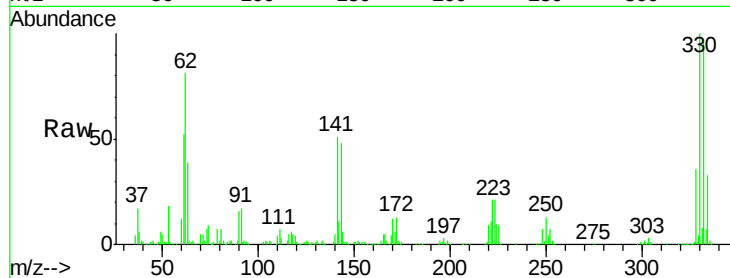




#41
 2,4,6-Tribromophenol
 Concen: 169.73 ng
 RT: 15.92 min Scan# 2251
 Delta R.T. -0.02 min
 Lab File: BG016998.D
 Acq: 9 May 2015 20:22

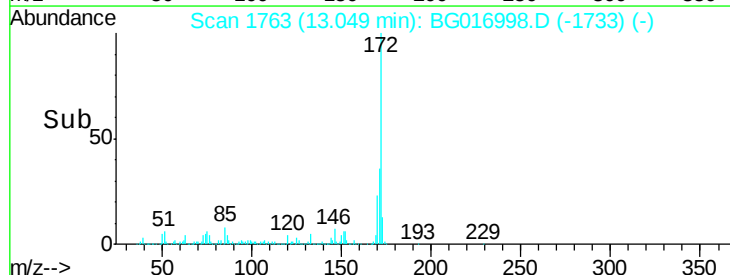
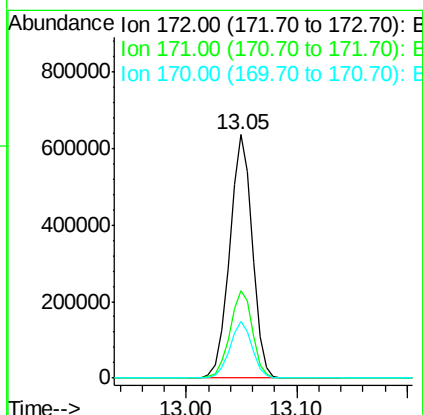
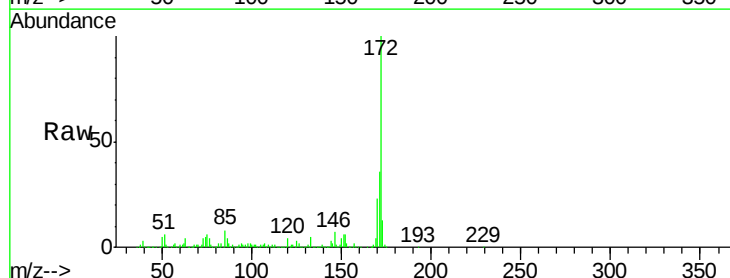
Instrument :
 BNA_G
 ClientSampleId :
 TW-47

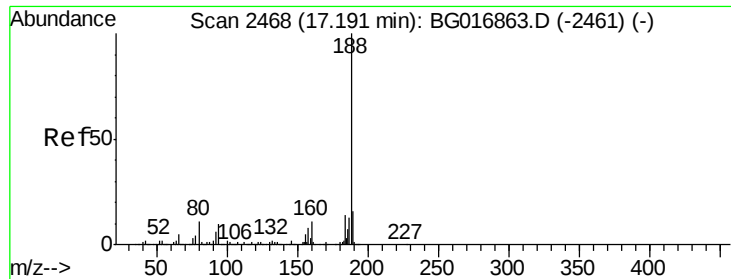
Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.0	0.0	0.0#
141	50.3	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 87.60 ng
 RT: 13.05 min Scan# 1763
 Delta R.T. -0.02 min
 Lab File: BG016998.D
 Acq: 9 May 2015 20:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.4
170	23.2	19.0	28.4

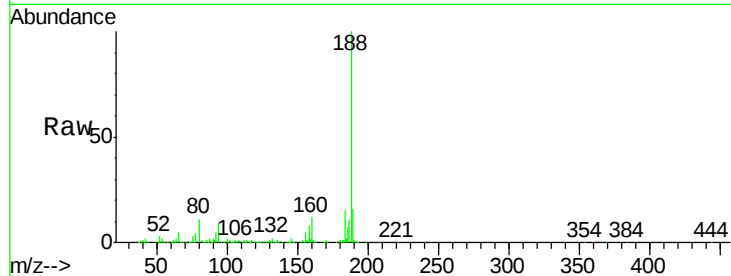




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.17 min Scan# 2464
Delta R.T. -0.02 min
Lab File: BG016998.D
Acq: 9 May 2015 20:22

Instrument :
BNA_G
ClientSampleId :
TW-47

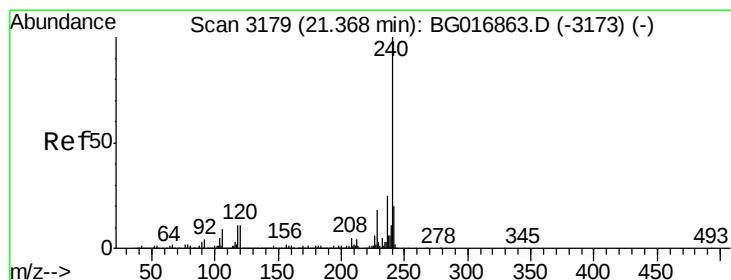
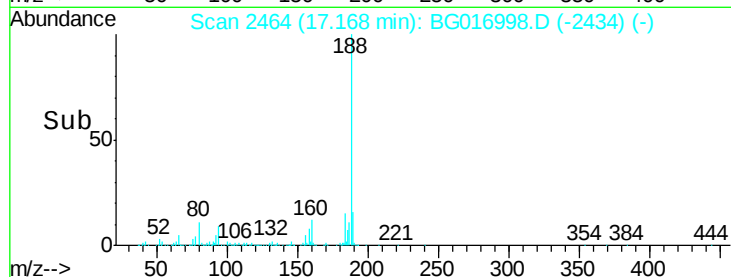
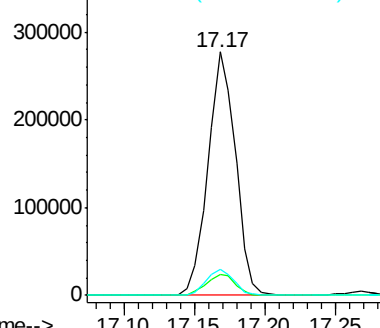
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.2	12.4
80	10.7	8.8	13.2



Abundance Ion 188.00 (187.70 to 188.70): E

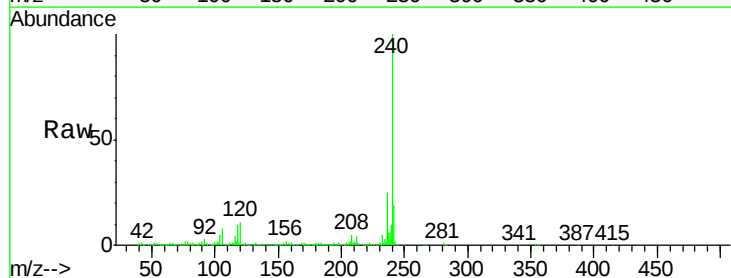
Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.35 min Scan# 3175
Delta R.T. -0.02 min
Lab File: BG016998.D
Acq: 9 May 2015 20:22

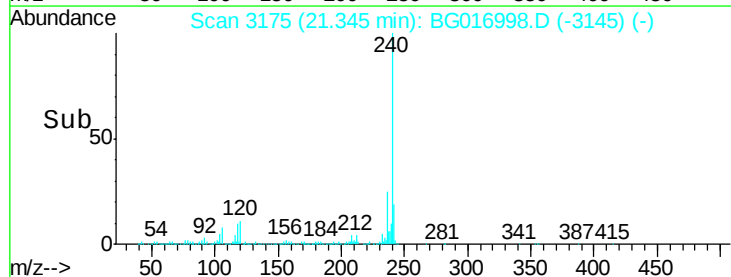
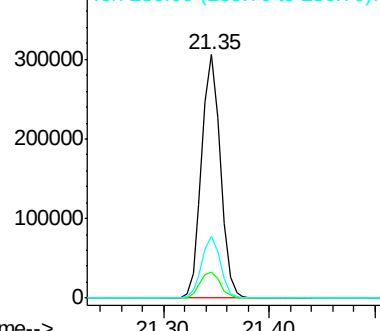
Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.1	13.7
236	25.5	20.2	30.4

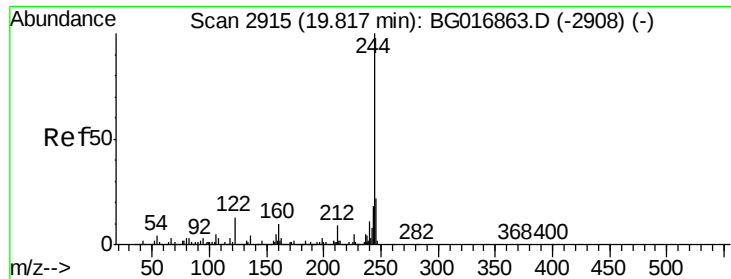


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 98.88 ng

RT: 19.79 min Scan# 2911

Delta R.T. -0.02 min

Lab File: BG016998.D

Acq: 9 May 2015 20:22

Instrument :

BNA_G

ClientSampleId :

TW-47

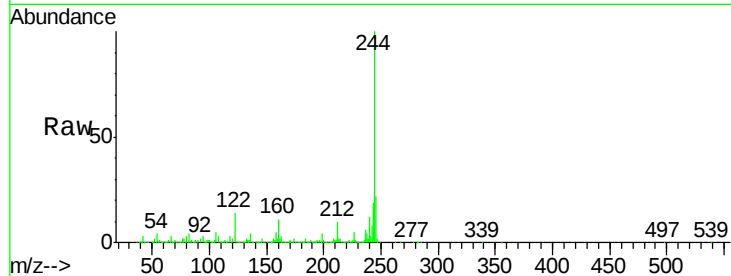
Tgt Ion:244 Resp: 1595131

Ion Ratio Lower Upper

244 100

212 9.5 7.0 10.6

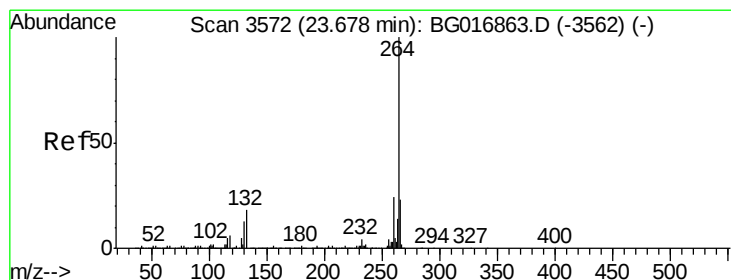
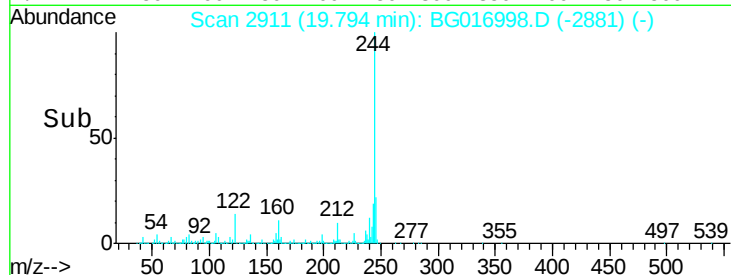
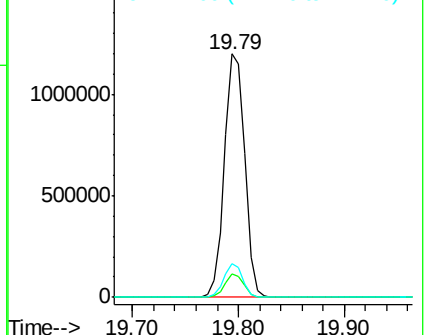
122 13.6 10.4 15.6



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# 3565

Delta R.T. -0.04 min

Lab File: BG016998.D

Acq: 9 May 2015 20:22

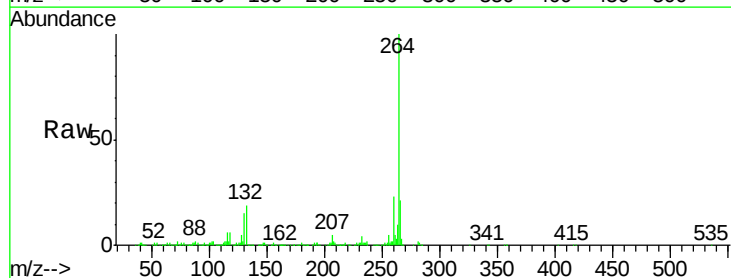
Tgt Ion:264 Resp: 371087

Ion Ratio Lower Upper

264 100

260 23.3 19.5 29.3

265 21.4 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

