

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
 Data File : BG016990.D
 Acq On : 9 May 2015 15:44
 Operator : TP/IZ
 Sample : G2087-12
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B3GW

Quant Time: May 11 02:23:18 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	83739	20.00	ng	-0.02
21) Naphthalene-d8	10.58	136	370644	20.00	ng	-0.02
38) Acenaphthene-d10	14.43	164	266435	20.00	ng	-0.02
63) Phenanthrene-d10	17.17	188	598525	20.00	ng	-0.02
75) Chrysene-d12	21.35	240	587588	20.00	ng	-0.02
86) Perylene-d12	23.64	264	586723	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	210915	43.86	ng	-0.01
7) Phenol-d6	6.96	99	200216	29.14	ng	-0.01
23) Nitrobenzene-d5	8.95	82	493622	65.06	ng	-0.02
41) 2,4,6-Tribromophenol	15.92	330	248485	92.90	ng	-0.02
44) 2-Fluorobiphenyl	13.05	172	1086870	61.56	ng	-0.02
78) Terphenyl-d14	19.80	244	1674809	66.82	ng	-0.02

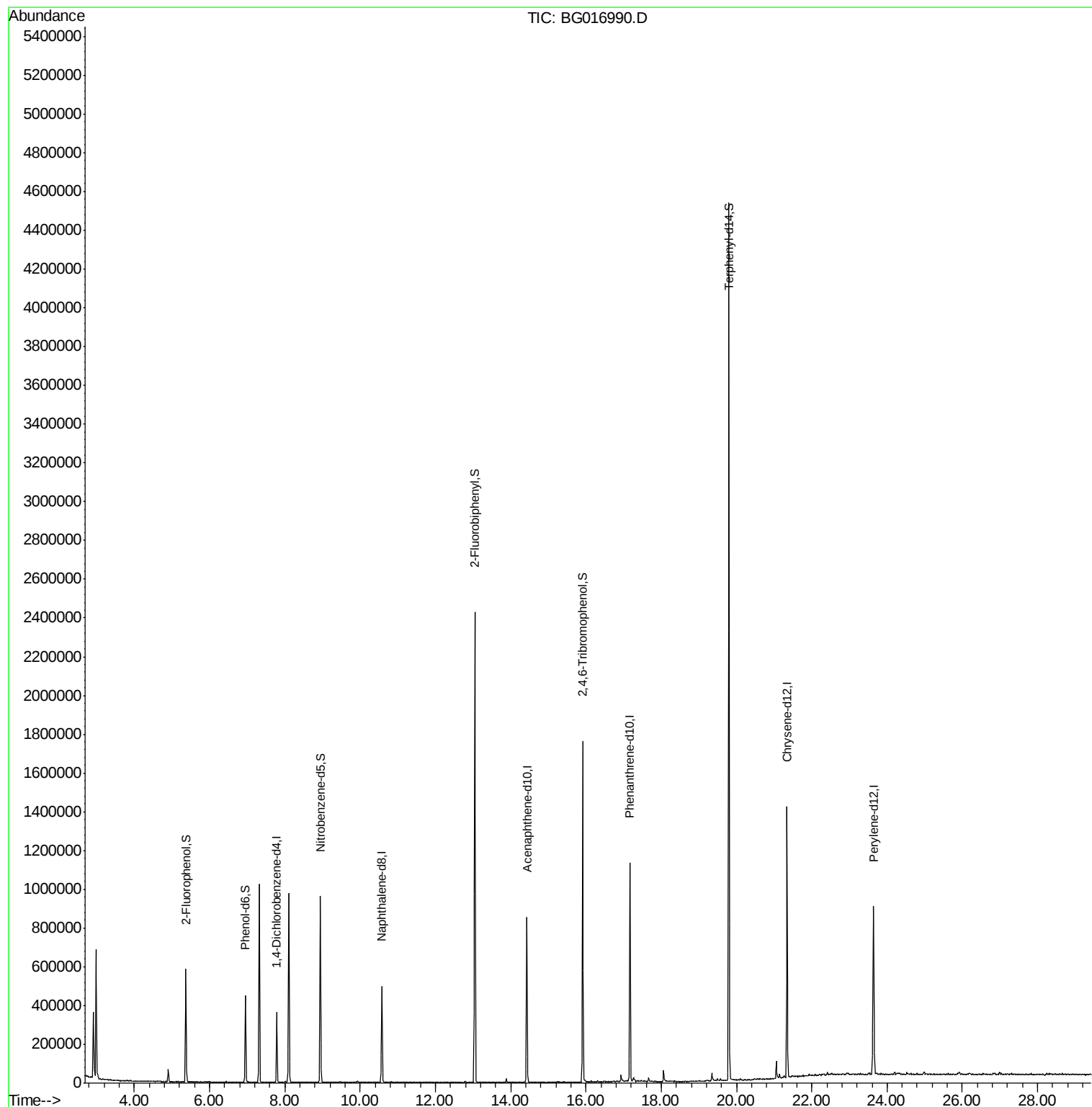
Target Compounds	Qvalue
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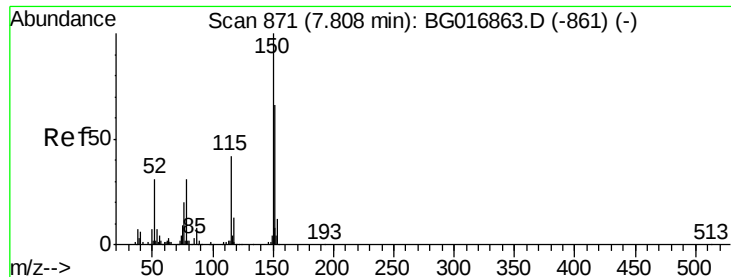
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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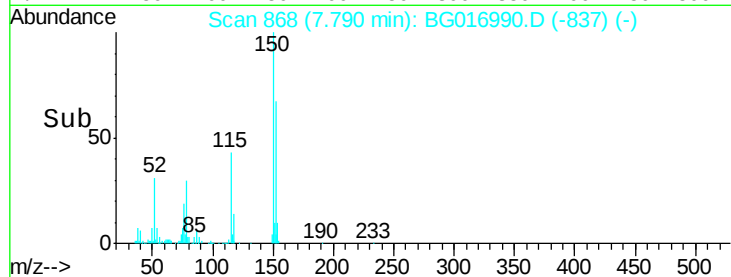
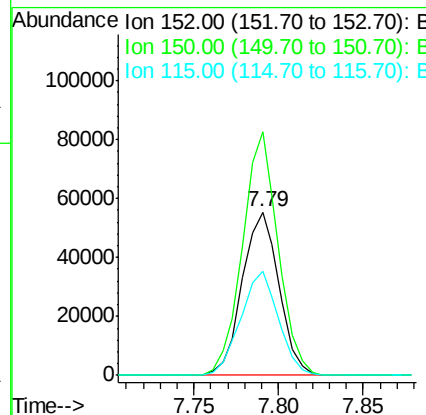
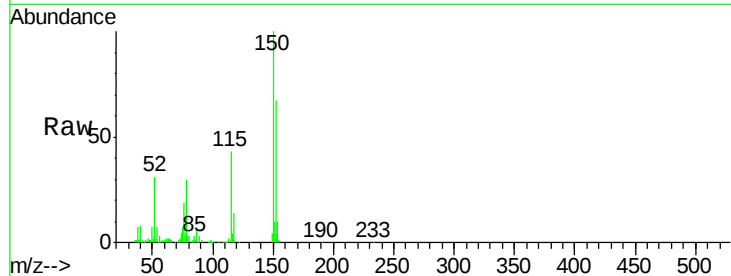


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.79 min Scan# 868
Delta R.T. -0.02 min
Lab File: BG016990.D
Acq: 9 May 2015 15:44

Instrument :
BNA_G
ClientSampleId :
B3GW

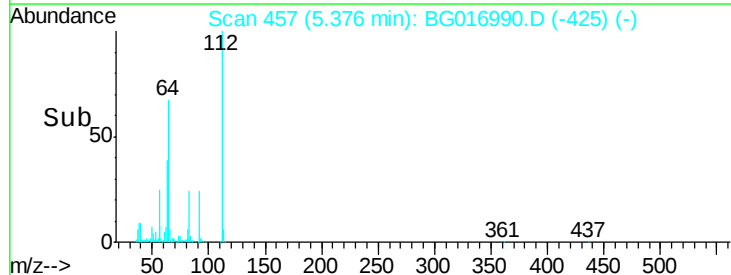
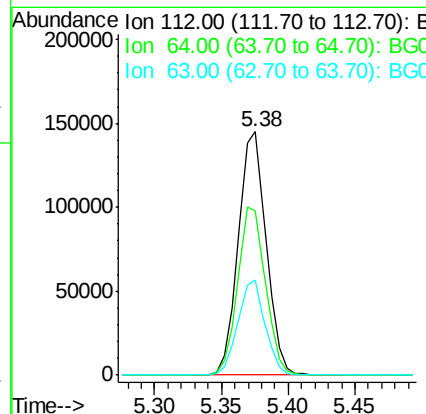
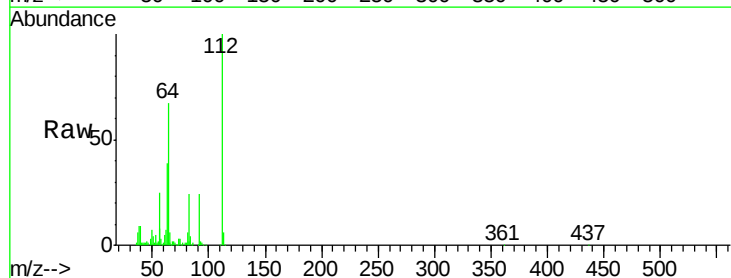
Tgt Ion:152 Resp: 83739
Ion Ratio Lower Upper
152 100
150 148.9 121.0 181.4
115 63.4 50.5 75.7



#5

2-Fluorophenol
Concen: 43.86 ng
RT: 5.38 min Scan# 457
Delta R.T. -0.01 min
Lab File: BG016990.D
Acq: 9 May 2015 15:44

Tgt Ion:112 Resp: 210915
Ion Ratio Lower Upper
112 100
64 67.4 51.4 77.2
63 39.2 28.1 42.1





#7

Phenol-d6

Concen: 29.14 ng

RT: 6.96 min Scan# 726

Delta R.T. -0.01 min

Lab File: BG016990.D

Acq: 9 May 2015 15:44

Instrument :

BNA_G

ClientSampleId :

B3GW

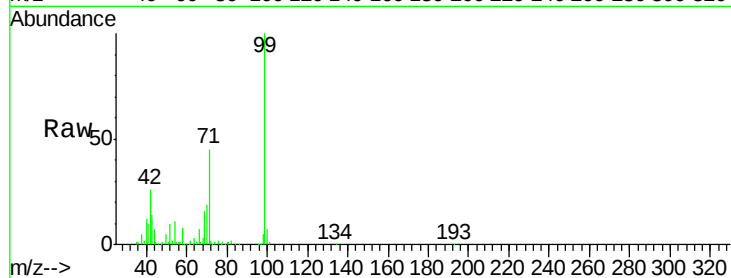
Tgt Ion: 99 Resp: 200216

Ion Ratio Lower Upper

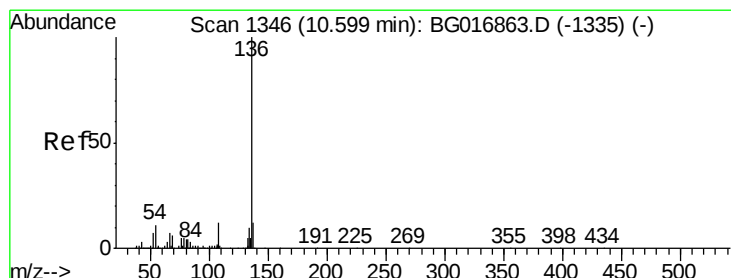
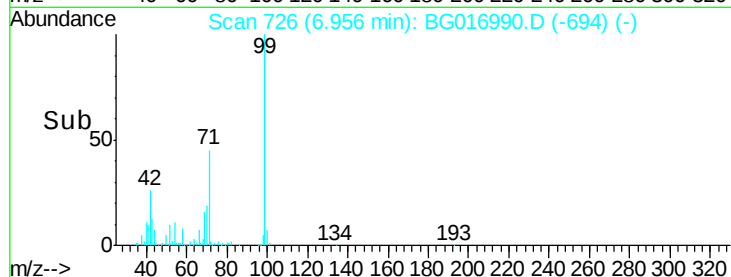
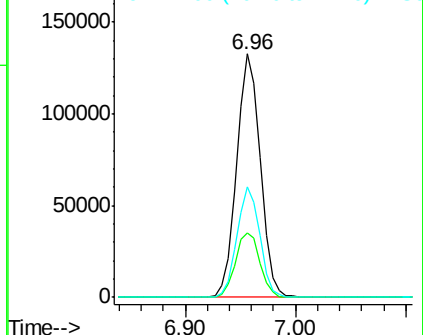
99 100

42 26.2 22.1 33.1

71 45.3 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: BG016990.D

Acq: 9 May 2015 15:44

Tgt Ion: 136 Resp: 370644

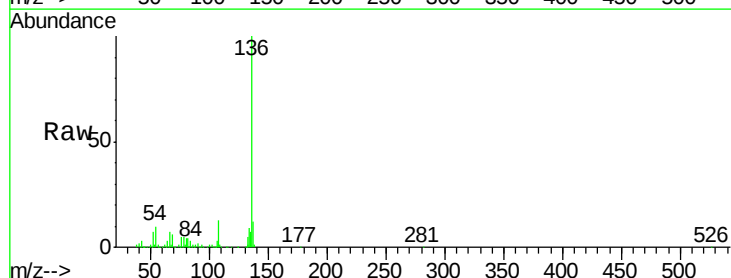
Ion Ratio Lower Upper

136 100

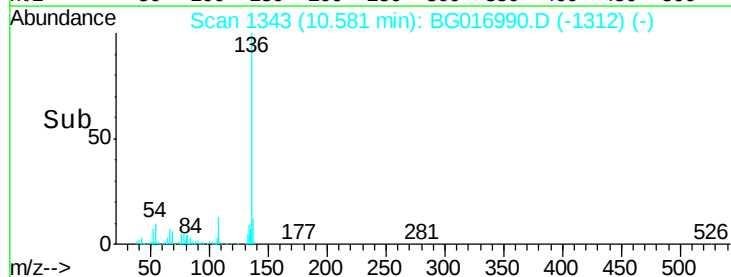
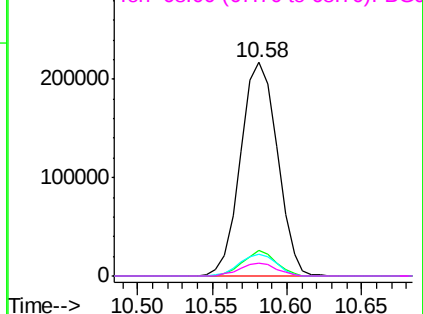
137 11.9 9.8 14.8

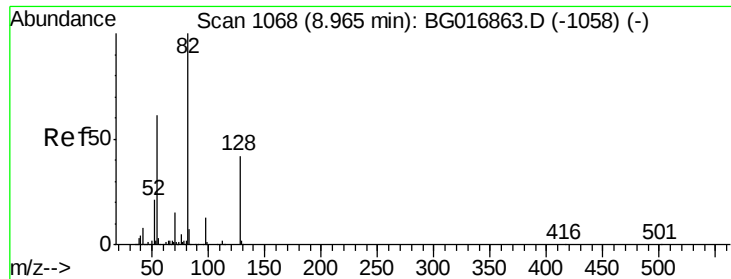
54 10.1 8.7 13.1

68 6.2 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

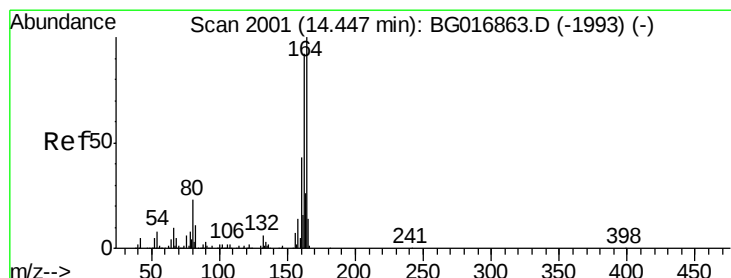
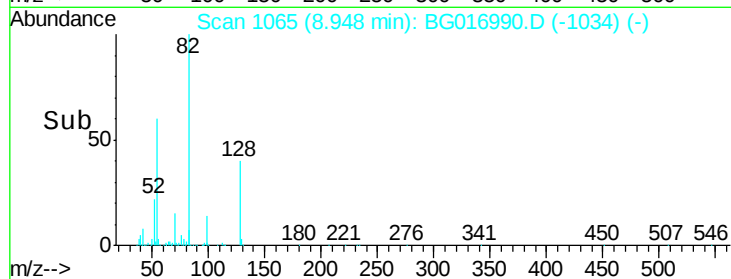
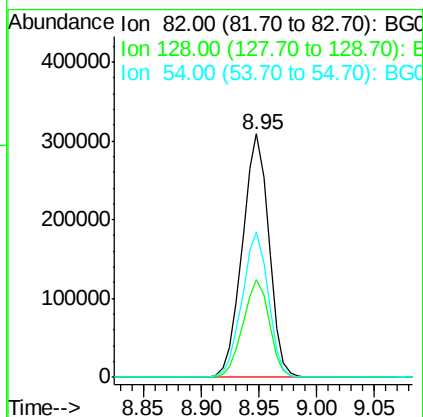
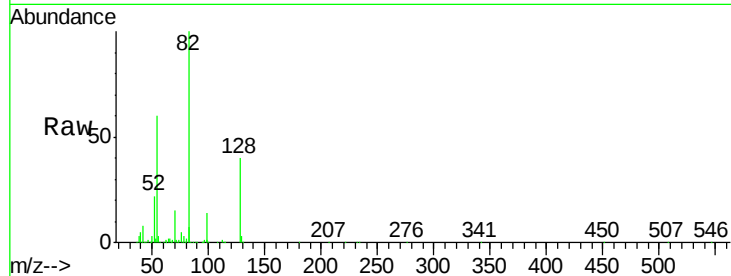




#23
 Nitrobenzene-d5
 Concen: 65.06 ng
 RT: 8.95 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BG016990.D
 Acq: 9 May 2015 15:44

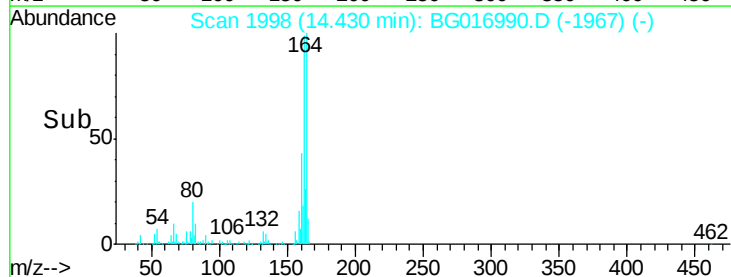
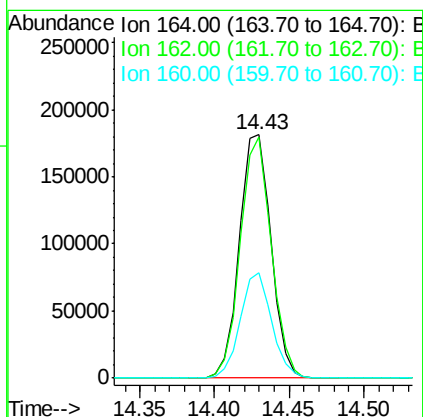
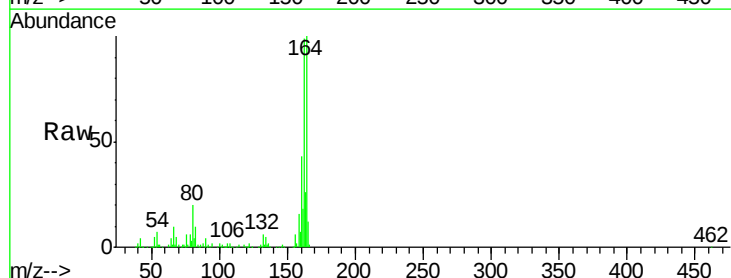
Instrument :
 BNA_G
 ClientSampleId :
 B3GW

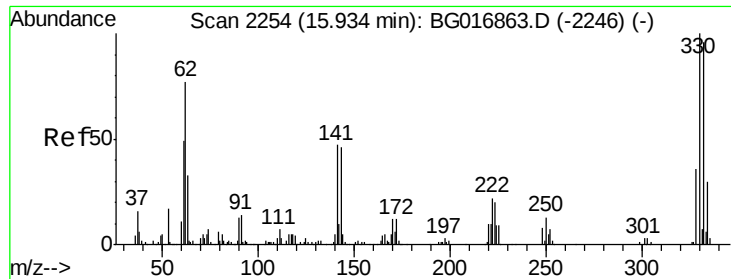
Tgt Ion: 82 Resp: 493622
 Ion Ratio Lower Upper
 82 100
 128 39.9 33.2 49.8
 54 59.6 48.6 72.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.43 min Scan# 1998
 Delta R.T. -0.02 min
 Lab File: BG016990.D
 Acq: 9 May 2015 15:44

Tgt Ion: 164 Resp: 266435
 Ion Ratio Lower Upper
 164 100
 162 99.2 74.0 111.0
 160 43.2 34.7 52.1





#41

2,4,6-Tribromophenol

Concen: 92.90 ng

RT: 15.92 min Scan# 2251

Delta R.T. -0.02 min

Lab File: BG016990.D

Acq: 9 May 2015 15:44

Instrument :

BNA_G

ClientSampleId :

B3GW

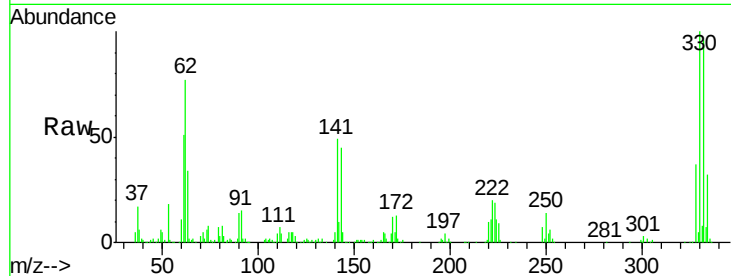
Tgt Ion:330 Resp: 248485

Ion Ratio Lower Upper

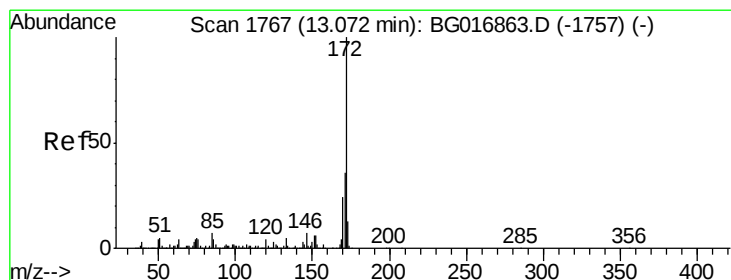
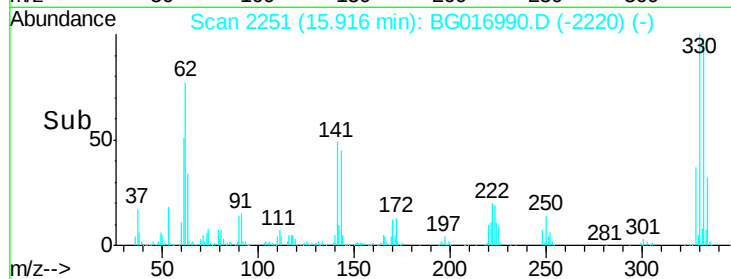
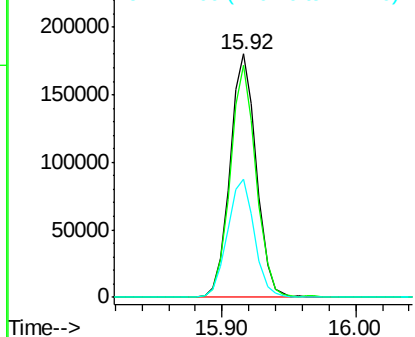
330 100

332 93.5 0.0 0.0#

141 49.6 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: 61.56 ng

RT: 13.05 min Scan# 1763

Delta R.T. -0.02 min

Lab File: BG016990.D

Acq: 9 May 2015 15:44

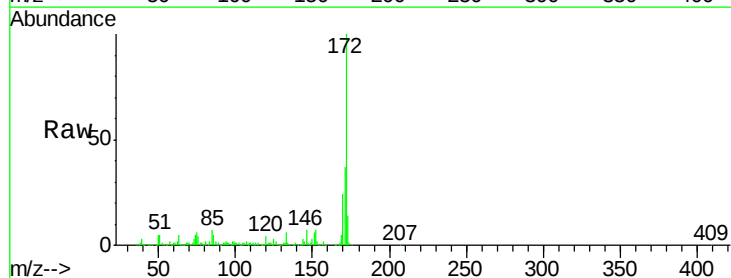
Tgt Ion:172 Resp: 1086870

Ion Ratio Lower Upper

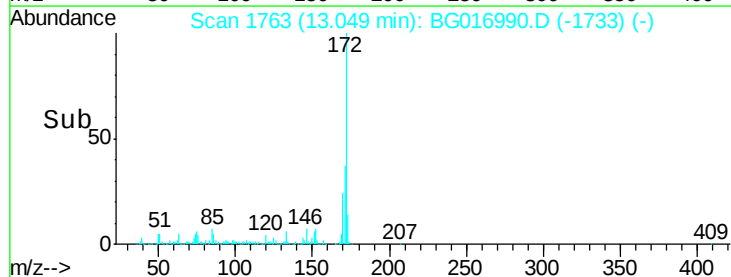
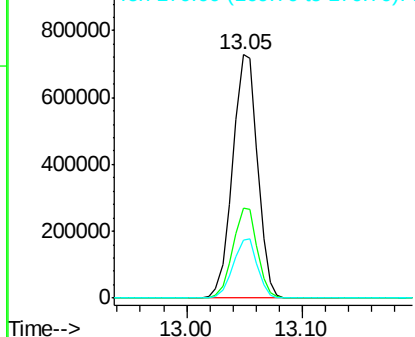
172 100

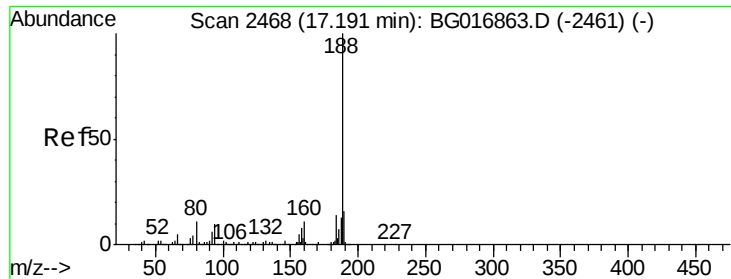
171 36.8 29.0 43.4

170 24.1 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

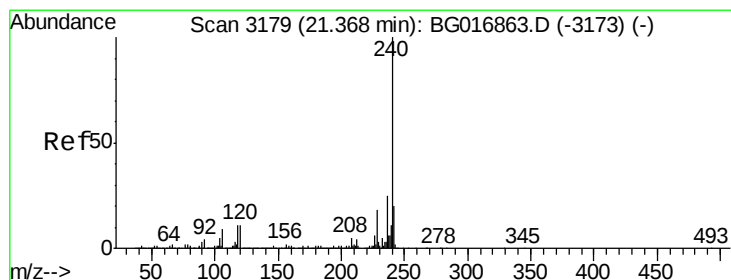
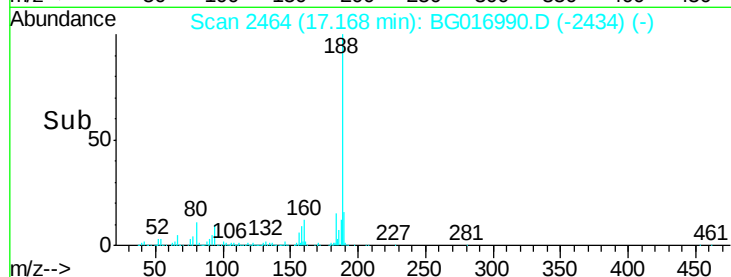
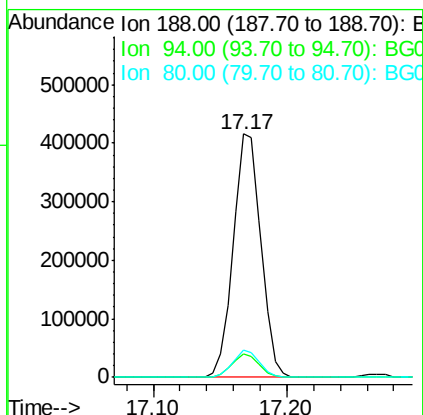
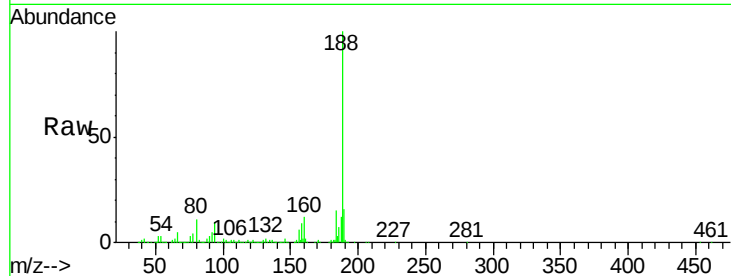




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.17 min Scan# 2464
Delta R.T. -0.02 min
Lab File: BG016990.D
Acq: 9 May 2015 15:44

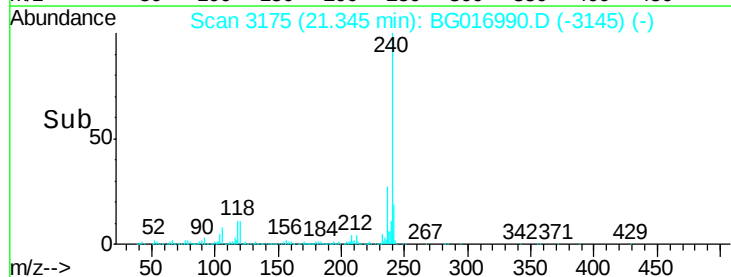
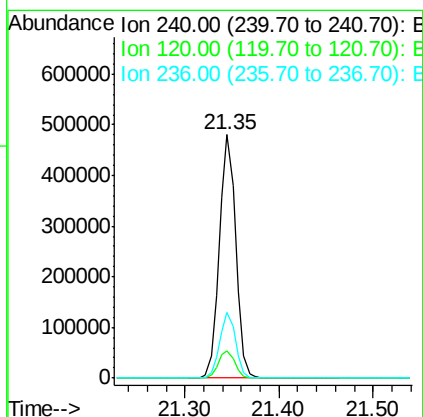
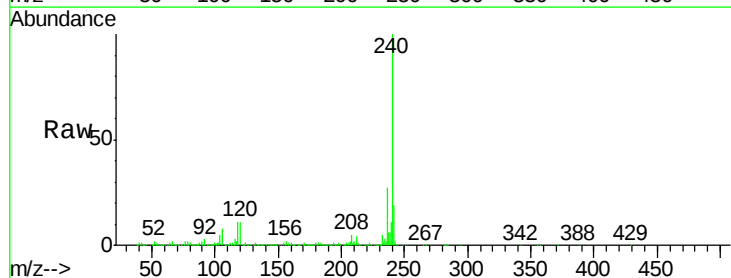
Instrument :
BNA_G
ClientSampleId :
B3GW

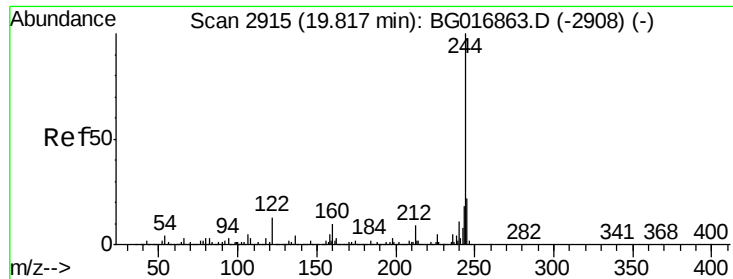
Tgt Ion:188 Resp: 598525
Ion Ratio Lower Upper
188 100
94 9.9 8.2 12.4
80 11.5 8.8 13.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.35 min Scan# 3175
Delta R.T. -0.02 min
Lab File: BG016990.D
Acq: 9 May 2015 15:44

Tgt Ion:240 Resp: 587588
Ion Ratio Lower Upper
240 100
120 11.2 9.1 13.7
236 26.9 20.2 30.4





#78

Terphenyl-d14

Concen: 66.82 ng

RT: 19.80 min Scan# 2912

Delta R.T. -0.02 min

Lab File: BG016990.D

Acq: 9 May 2015 15:44

Instrument :

BNA_G

ClientSampleId :

B3GW

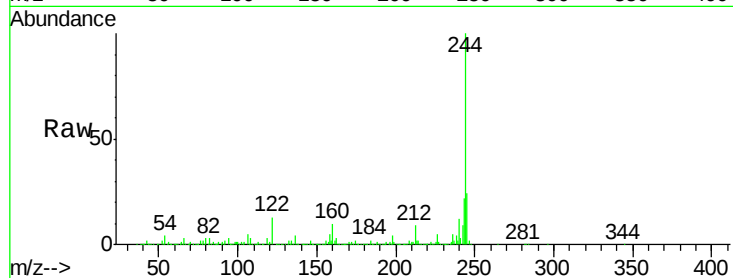
Tgt Ion:244 Resp: 1674809

Ion Ratio Lower Upper

244 100

212 9.3 7.0 10.6

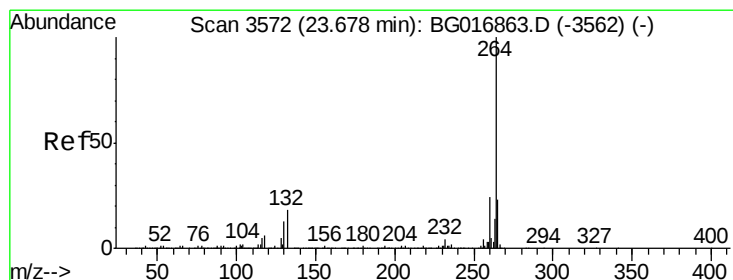
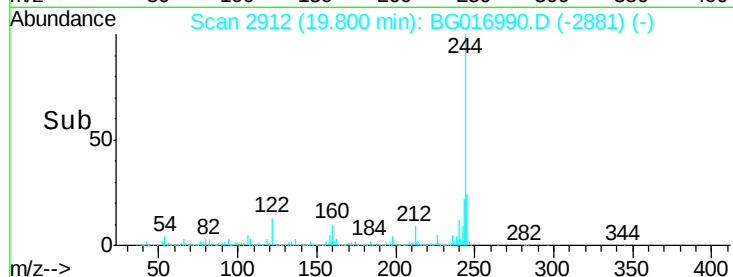
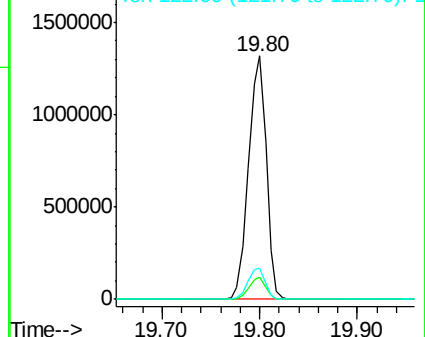
122 12.9 10.4 15.6



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: BG016990.D

Acq: 9 May 2015 15:44

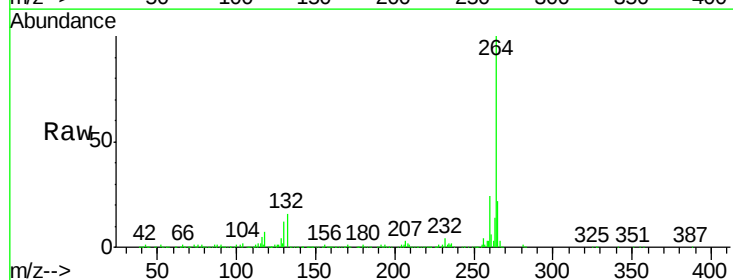
Tgt Ion:264 Resp: 586723

Ion Ratio Lower Upper

264 100

260 24.4 19.5 29.3

265 22.3 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

