

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
 Data File : BG016973.D
 Acq On : 9 May 2015 3:01
 Operator : TP/IZ
 Sample : G2059-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MWHR4-9

Quant Time: May 09 03:47:40 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 09 03:28:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	52885	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	237689	20.00	ng	0.00
38) Acenaphthene-d10	14.43	164	165944	20.00	ng	0.00
63) Phenanthrene-d10	17.17	188	401590	20.00	ng	0.00
75) Chrysene-d12	21.34	240	400525	20.00	ng	0.00
86) Perylene-d12	23.64	264	386214	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	227293	74.84	ng	0.00
7) Phenol-d6	6.96	99	248341	57.23	ng	0.00
23) Nitrobenzene-d5	8.95	82	439141	90.26	ng	0.00
41) 2,4,6-Tribromophenol	15.92	330	288724	173.31	ng	0.00
44) 2-Fluorobiphenyl	13.05	172	948081	86.21	ng	0.00
78) Terphenyl-d14	19.80	244	1527700	89.42	ng	0.00

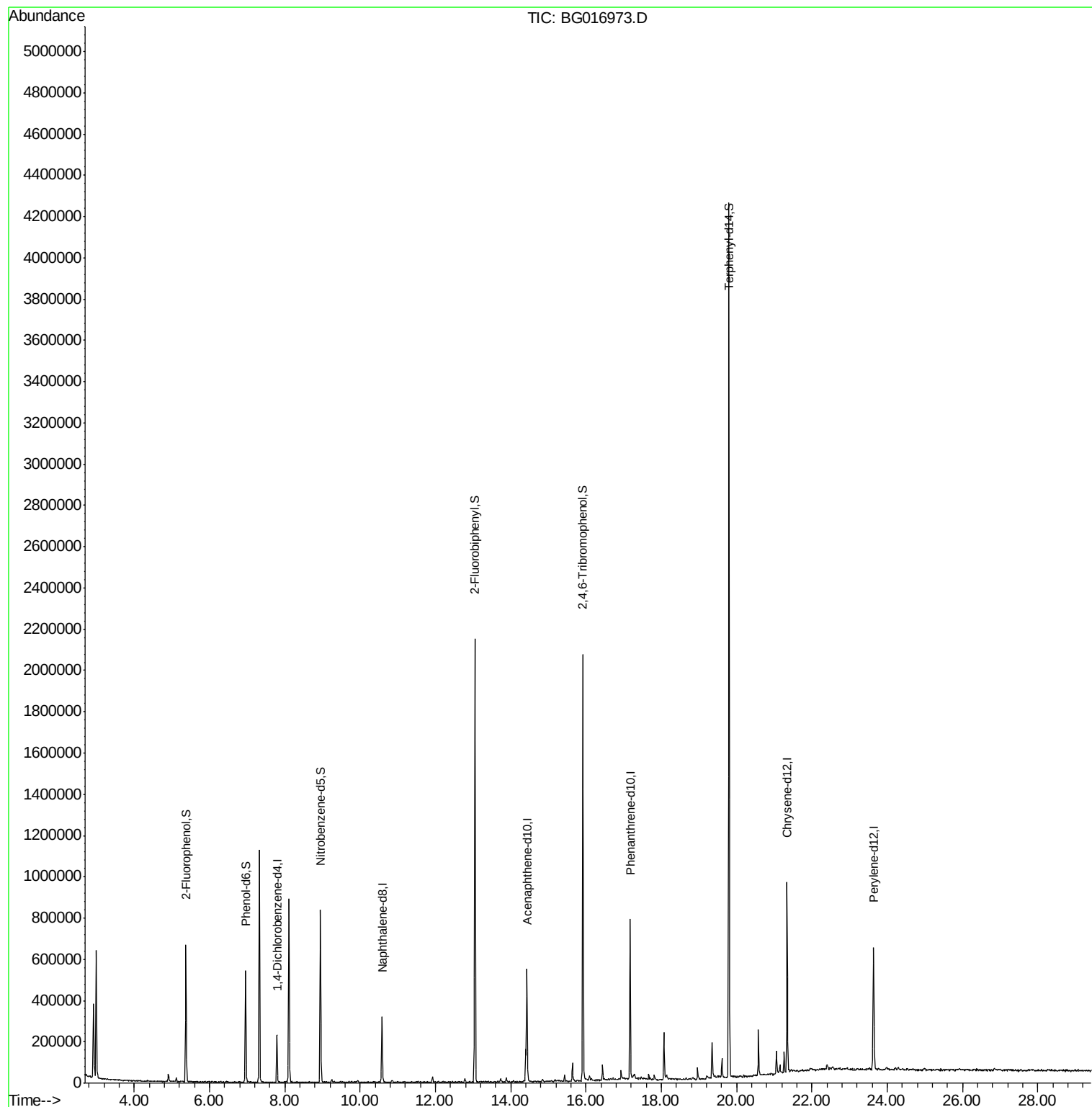
Target Compounds	Qvalue
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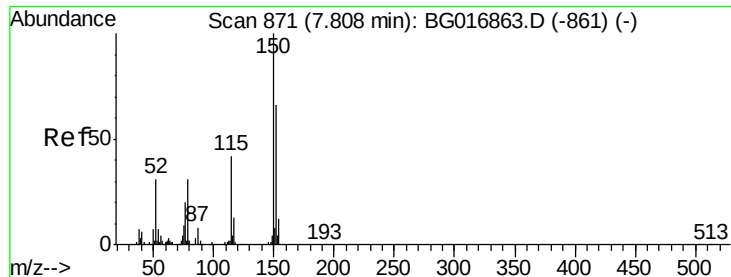
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.79 min Scan# 869

Delta R.T. -0.00 min

Lab File: BG016973.D

Acq: 9 May 2015 3:01

Instrument :

BNA_G

ClientSampleId :

MWHR4-9

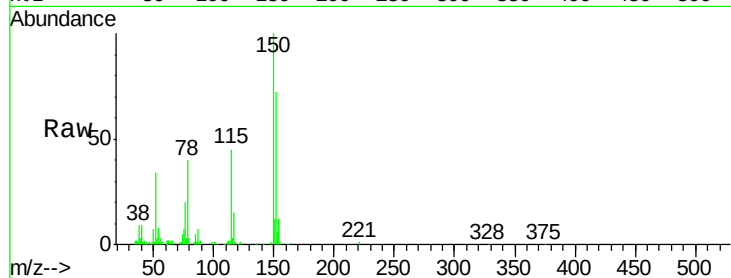
Tgt Ion:152 Resp: 52885

Ion Ratio Lower Upper

152 100

150 139.4 121.0 181.4

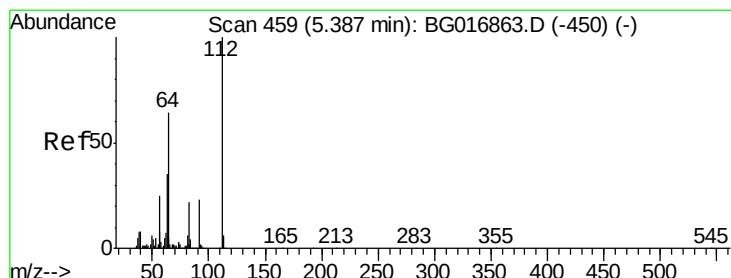
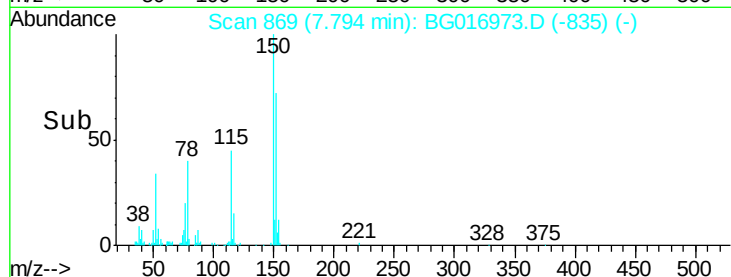
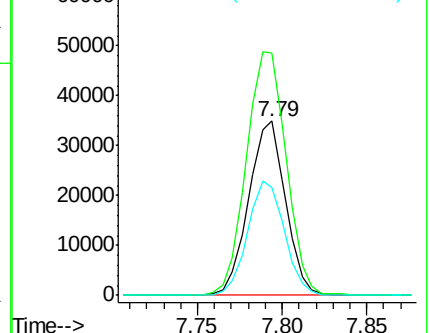
115 62.1 50.5 75.7



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: 74.84 ng

RT: 5.37 min Scan# 457

Delta R.T. -0.00 min

Lab File: BG016973.D

Acq: 9 May 2015 3:01

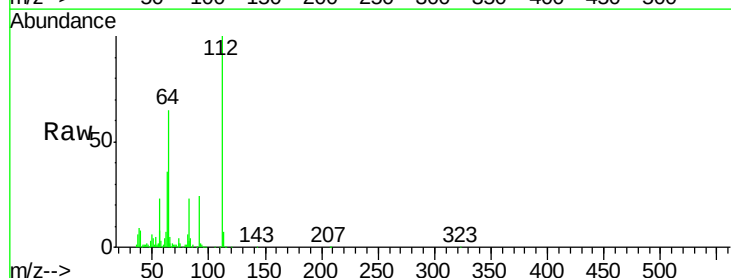
Tgt Ion:112 Resp: 227293

Ion Ratio Lower Upper

112 100

64 64.5 51.4 77.2

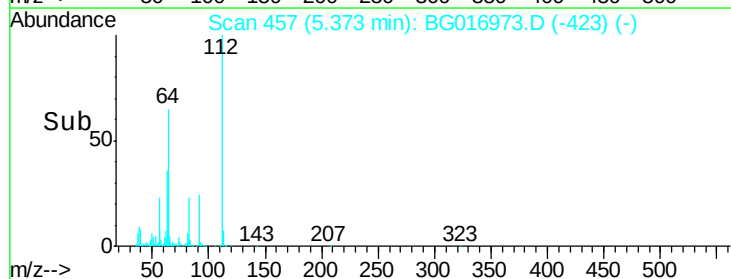
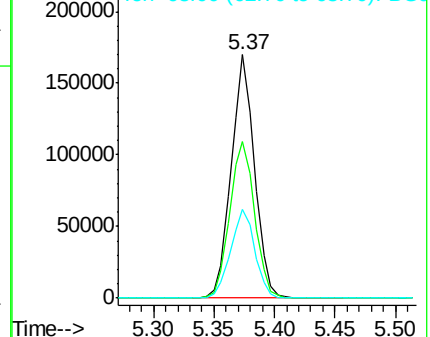
63 36.4 28.1 42.1

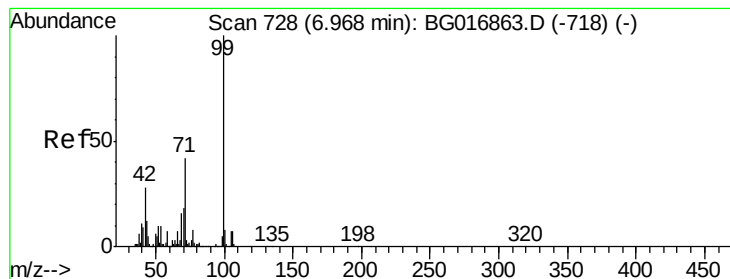


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 57.23 ng

RT: 6.96 min Scan# 727

Delta R.T. -0.00 min

Lab File: BG016973.D

Acq: 9 May 2015 3:01

Instrument :

BNA_G

ClientSampleId :

MWHR4-9

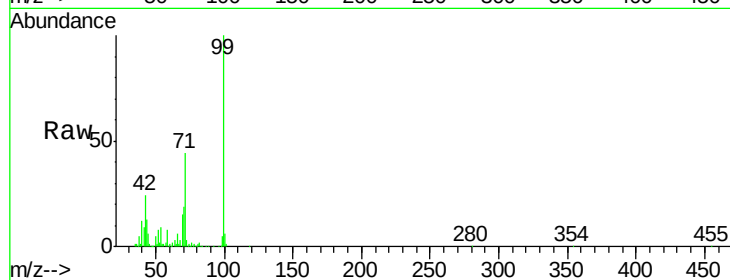
Tgt Ion: 99 Resp: 248341

Ion Ratio Lower Upper

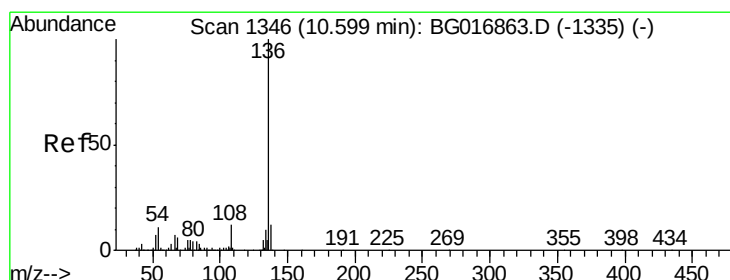
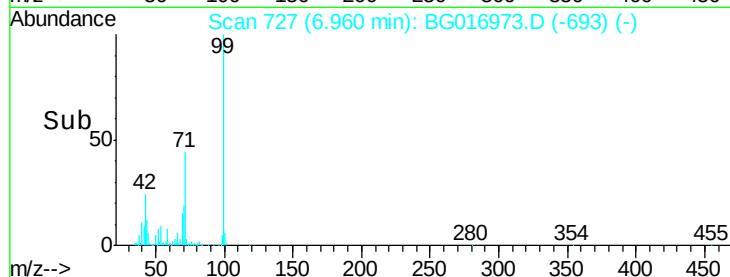
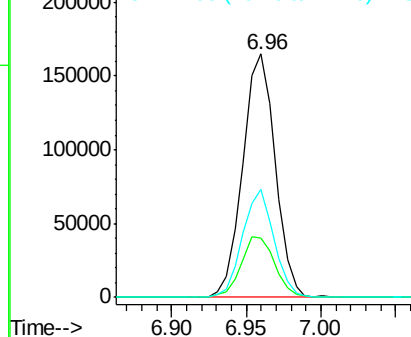
99 100

42 24.4 22.1 33.1

71 44.1 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: 10.59 min Scan# 1344

Delta R.T. -0.00 min

Lab File: BG016973.D

Acq: 9 May 2015 3:01

Tgt Ion: 136 Resp: 237689

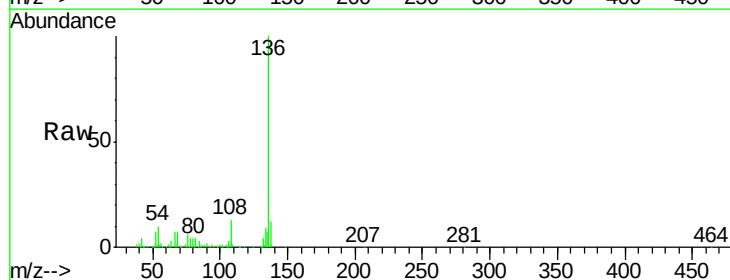
Ion Ratio Lower Upper

136 100

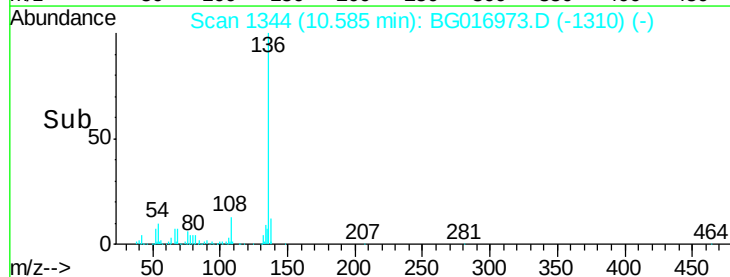
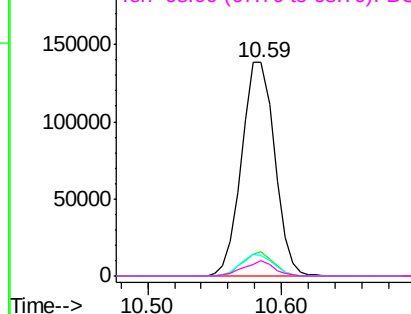
137 11.7 9.8 14.8

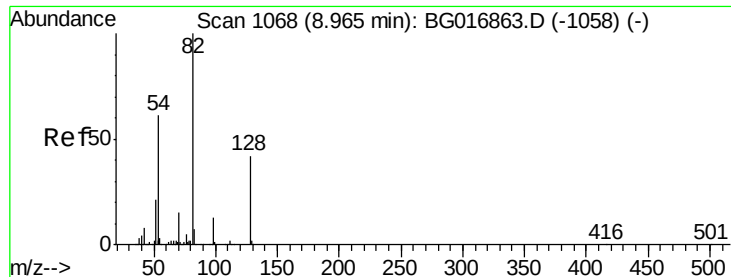
54 9.6 8.7 13.1

68 7.0 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

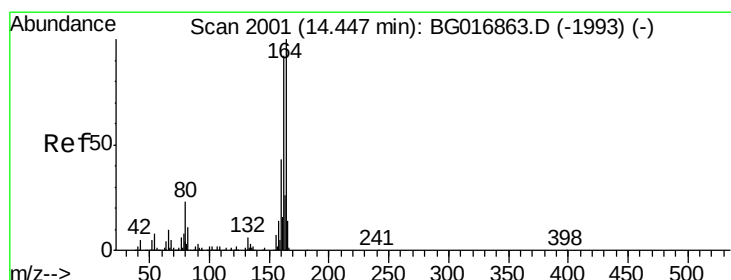
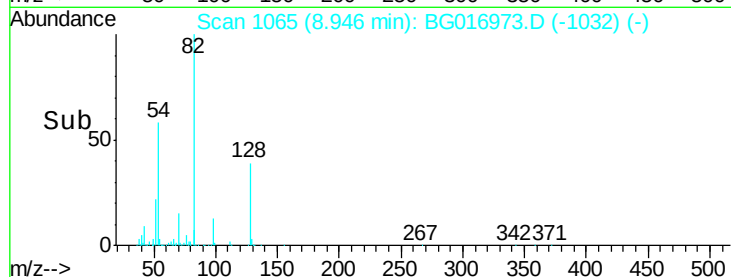
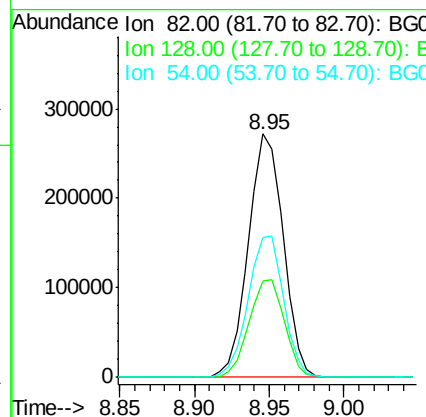
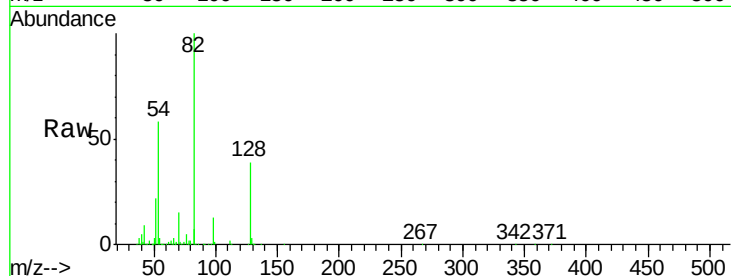




#23
 Nitrobenzene-d5
 Concen: 90.26 ng
 RT: 8.95 min Scan# 1065
 Delta R.T. -0.01 min
 Lab File: BG016973.D
 Acq: 9 May 2015 3:01

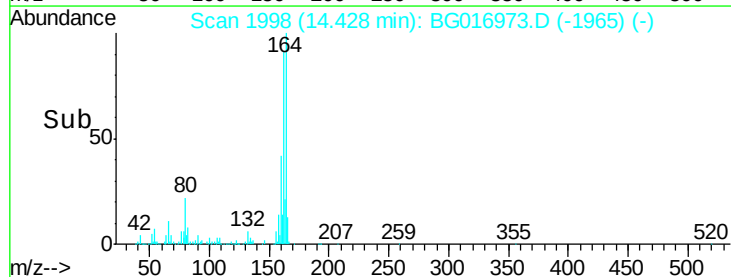
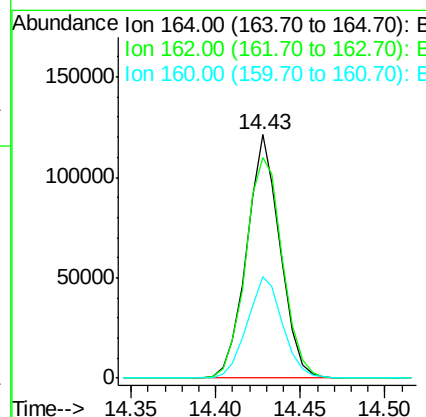
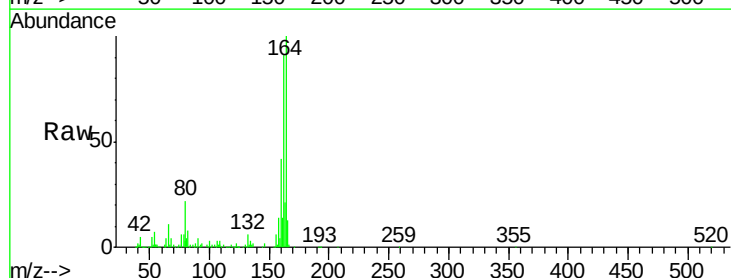
Instrument :
 BNA_G
 ClientSampleId :
 MWHR4-9

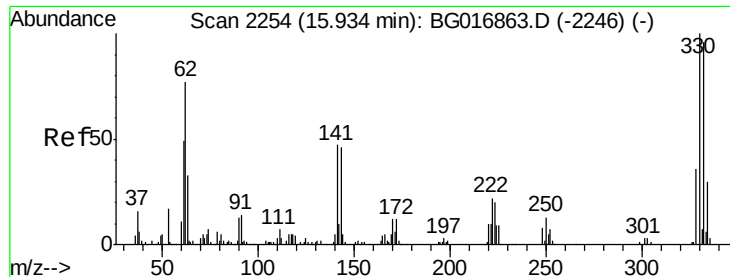
Tgt Ion: 82 Resp: 439141
 Ion Ratio Lower Upper
 82 100
 128 39.4 33.2 49.8
 54 57.7 48.6 72.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.43 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BG016973.D
 Acq: 9 May 2015 3:01

Tgt Ion: 164 Resp: 165944
 Ion Ratio Lower Upper
 164 100
 162 90.9 74.0 111.0
 160 41.8 34.7 52.1

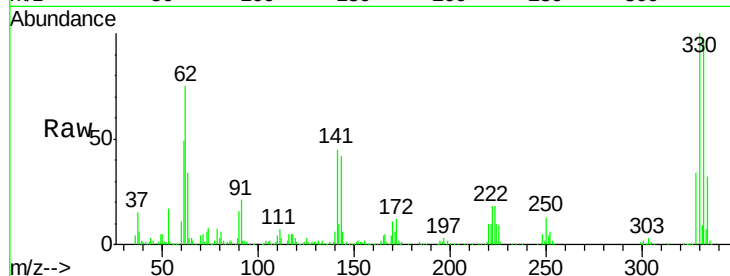




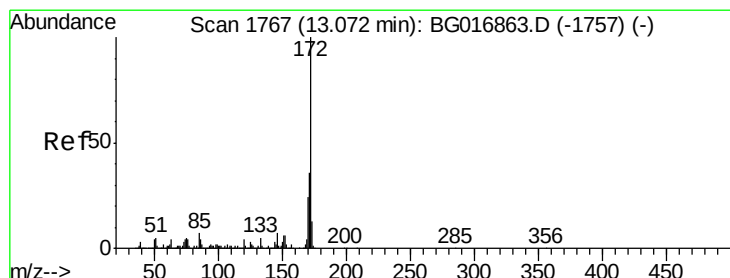
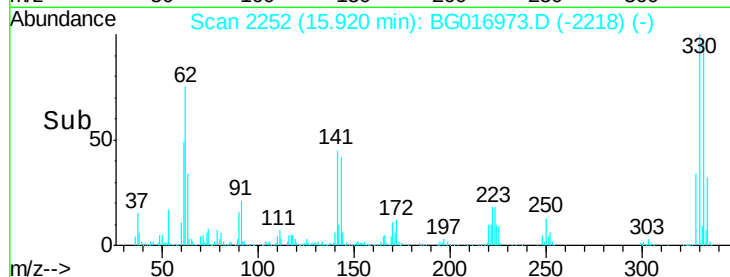
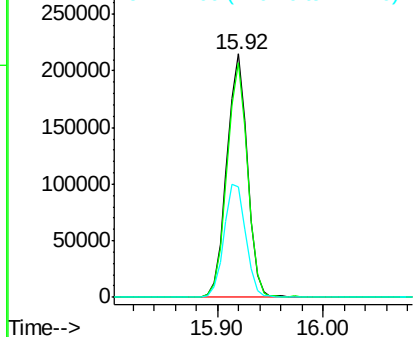
#41
 2,4,6-Tribromophenol
 Concen: 173.31 ng
 RT: 15.92 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: BG016973.D
 Acq: 9 May 2015 3:01

Instrument :
 BNA_G
 ClientSampleId :
 MWHR4-9

Tgt Ion:330 Resp: 288724
 Ion Ratio Lower Upper
 330 100
 332 95.6 0.0 0.0#
 141 49.1 0.0 0.0#

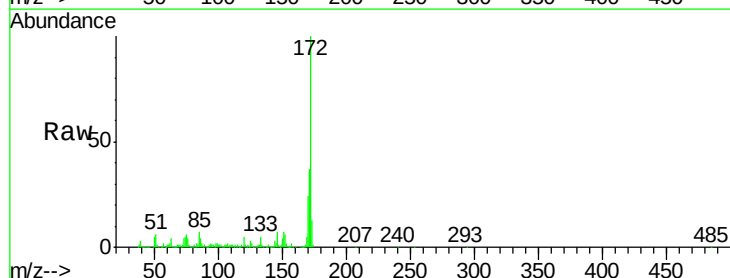


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

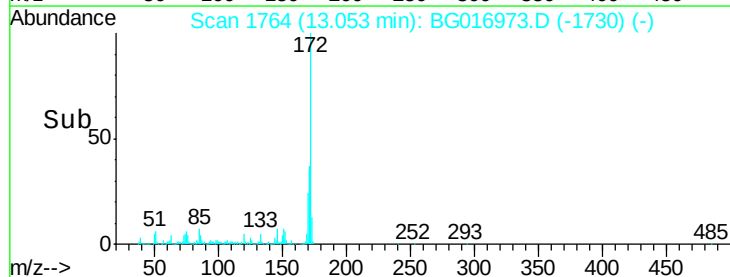
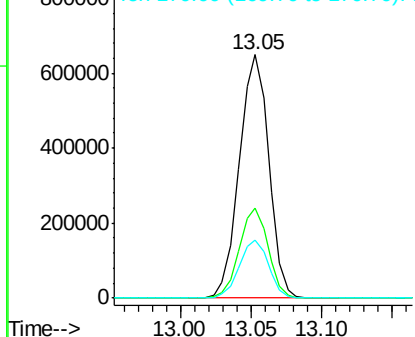


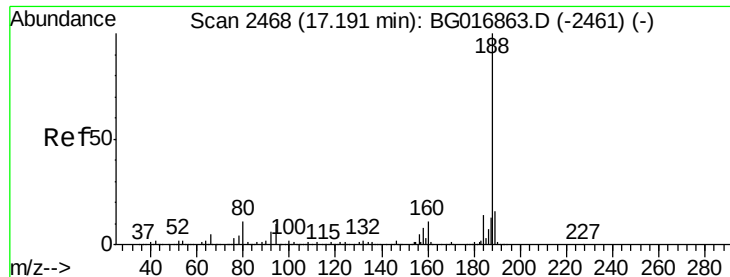
#44
 2-Fluorobiphenyl
 Concen: 86.21 ng
 RT: 13.05 min Scan# 1764
 Delta R.T. -0.00 min
 Lab File: BG016973.D
 Acq: 9 May 2015 3:01

Tgt Ion:172 Resp: 948081
 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

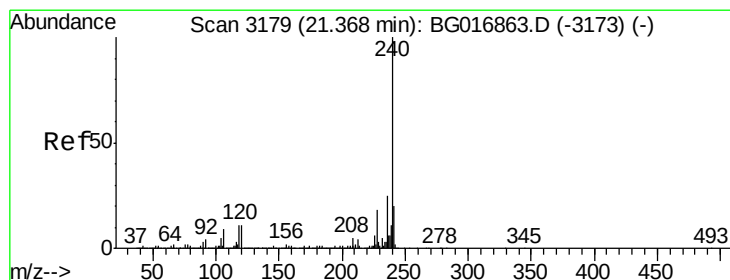
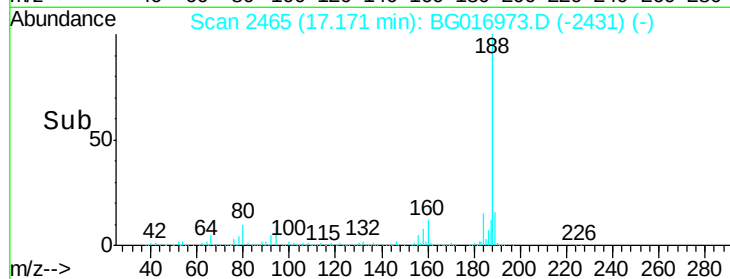
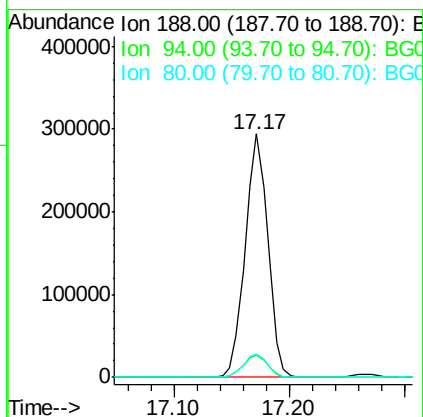
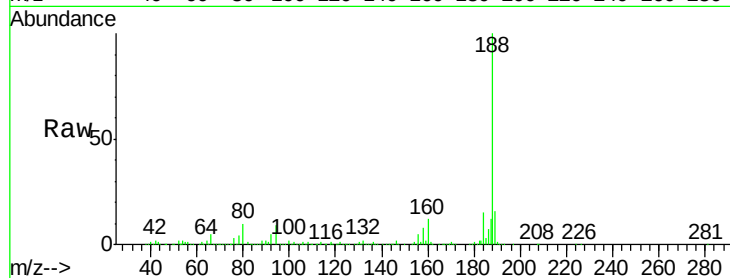




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.17 min Scan# 2465
Delta R.T. -0.00 min
Lab File: BG016973.D
Acq: 9 May 2015 3:01

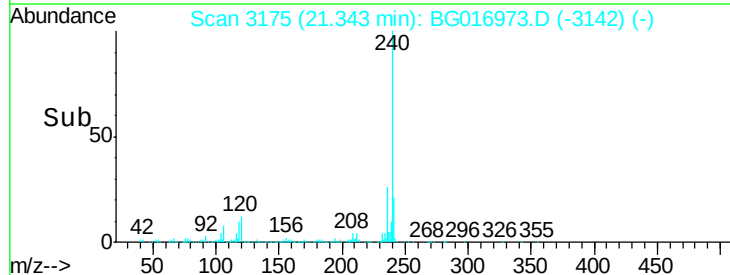
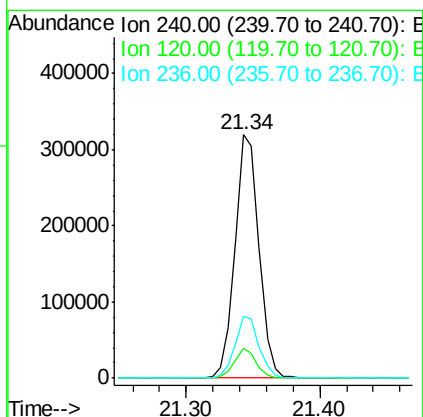
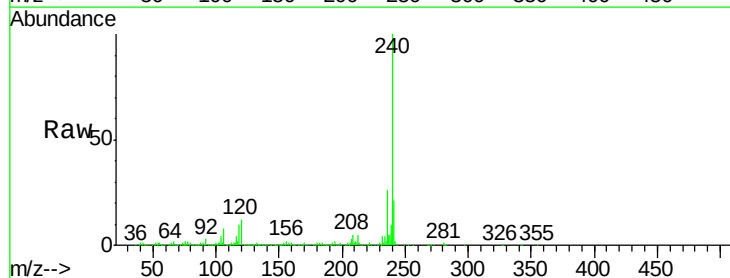
Instrument :
BNA_G
ClientSampleId :
MWH4-9

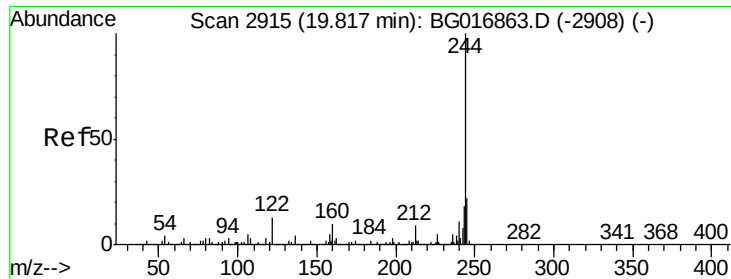
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.2	12.4
80	9.9	8.8	13.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.34 min Scan# 3175
Delta R.T. -0.01 min
Lab File: BG016973.D
Acq: 9 May 2015 3:01

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.1	13.7
236	25.6	20.2	30.4





#78

Terphenyl-d14

Concen: 89.42 ng

RT: 19.80 min Scan# 2912

Delta R.T. -0.00 min

Lab File: BG016973.D

Acq: 9 May 2015 3:01

Instrument :

BNA_G

ClientSampleId :

MWHR4-9

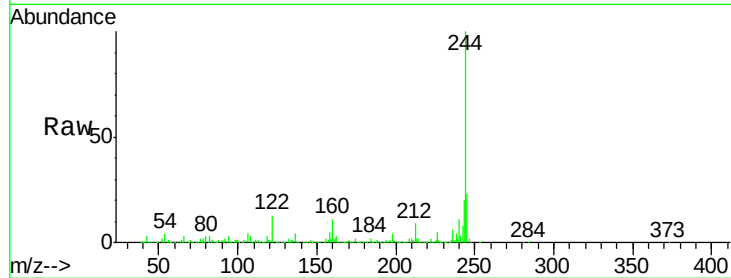
Tgt Ion:244 Resp: 1527700

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.6

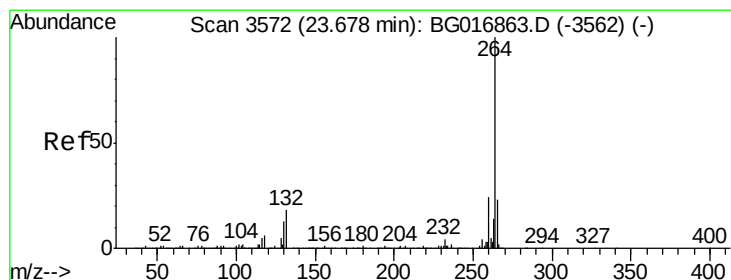
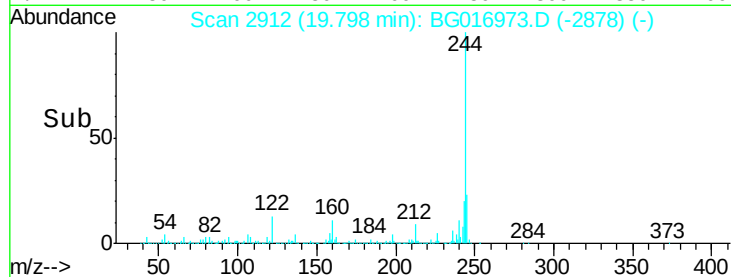
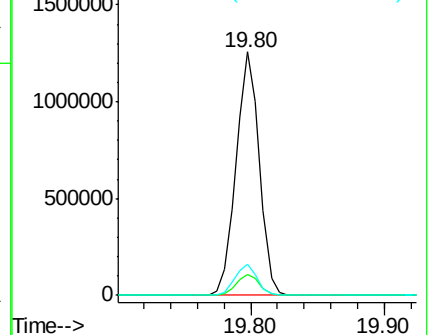
122 13.0 10.4 15.6



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. -0.01 min

Lab File: BG016973.D

Acq: 9 May 2015 3:01

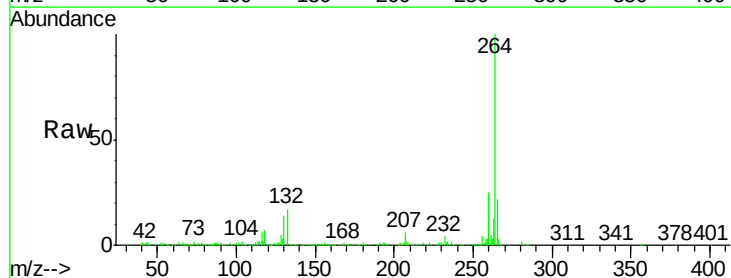
Tgt Ion:264 Resp: 386214

Ion Ratio Lower Upper

264 100

260 25.4 19.5 29.3

265 22.4 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

