

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
 Data File : BG016957.D
 Acq On : 8 May 2015 15:24
 Operator : TP/IZ
 Sample : G2058-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-28

Quant Time: May 09 00:25:27 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 08 23:46:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	54256	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	248340	20.00	ng	0.00
38) Acenaphthene-d10	14.43	164	176807	20.00	ng	0.00
63) Phenanthrene-d10	17.17	188	405441	20.00	ng	0.00
75) Chrysene-d12	21.35	240	395928	20.00	ng	-0.01
86) Perylene-d12	23.64	264	386305	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	175482	56.32	ng	0.00
7) Phenol-d6	6.96	99	152492	34.25	ng	0.00
23) Nitrobenzene-d5	8.95	82	399465	78.58	ng	0.00
41) 2,4,6-Tribromophenol	15.92	330	262917	148.12	ng	0.00
44) 2-Fluorobiphenyl	13.06	172	891287	76.07	ng	0.00
78) Terphenyl-d14	19.80	244	1470143	87.05	ng	0.00

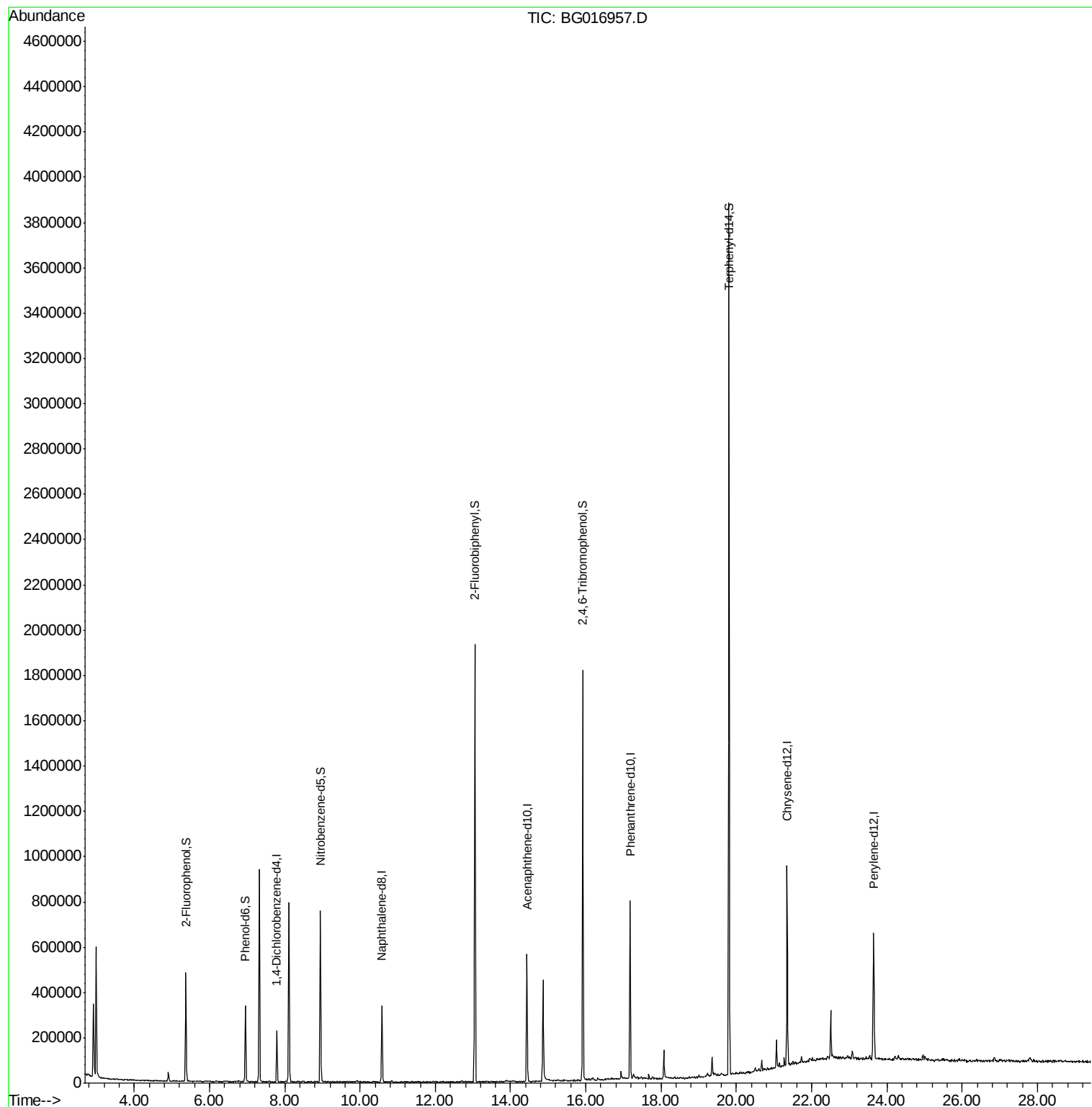
Target Compounds	Qvalue
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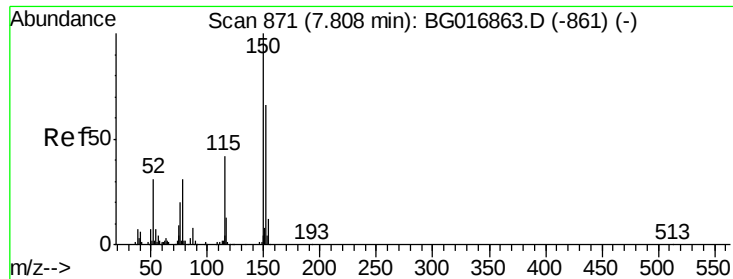
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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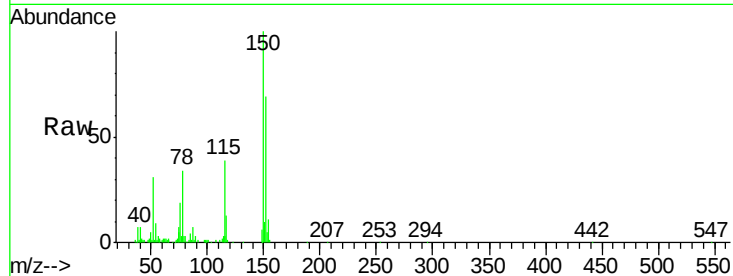


#1

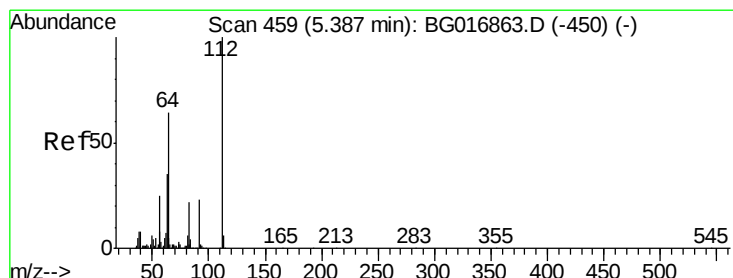
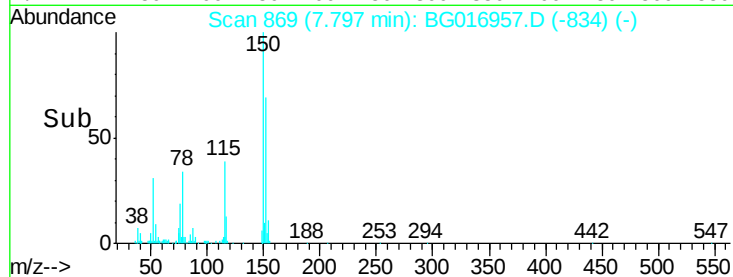
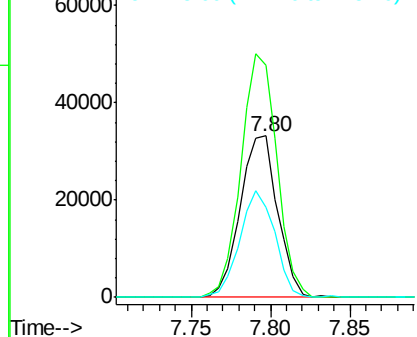
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.80 min Scan# 869
Delta R.T. 0.00 min
Lab File: BG016957.D
Acq: 8 May 2015 15:24

Instrument :
BNA_G
ClientSampleId :
MW-28

Tgt Ion:152 Resp: 54256
Ion Ratio Lower Upper
152 100
150 144.2 121.0 181.4
115 56.0 50.5 75.7



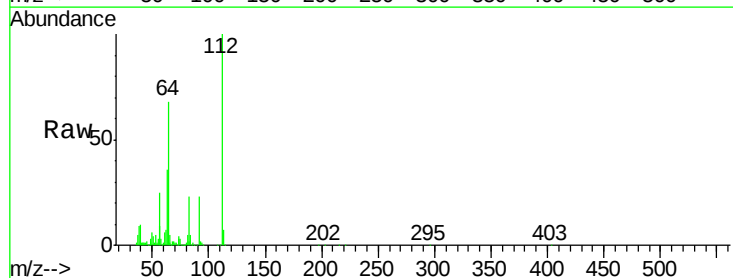
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



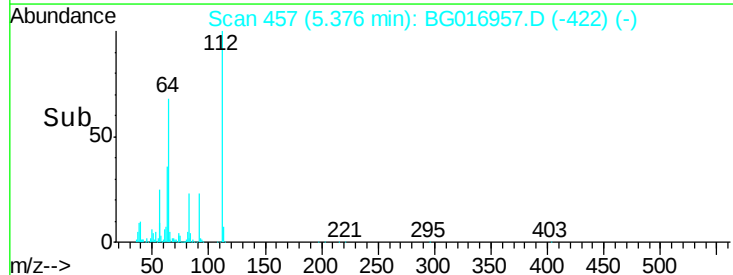
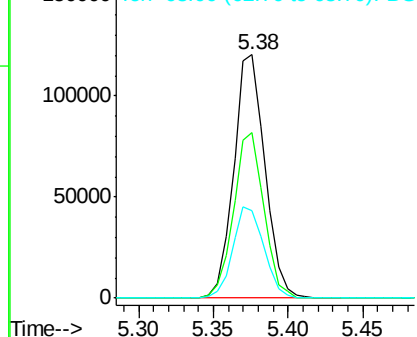
#5

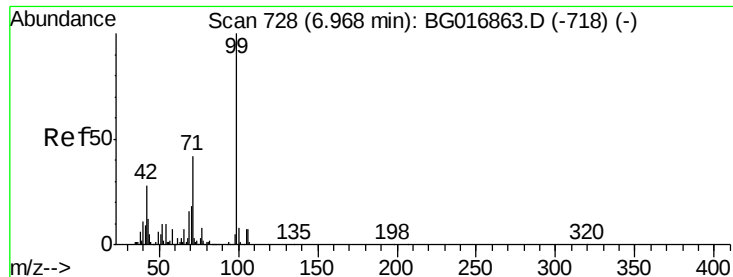
2-Fluorophenol
Concen: 56.32 ng
RT: 5.38 min Scan# 457
Delta R.T. 0.00 min
Lab File: BG016957.D
Acq: 8 May 2015 15:24

Tgt Ion:112 Resp: 175482
Ion Ratio Lower Upper
112 100
64 68.1 51.4 77.2
63 36.1 28.1 42.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 34.25 ng

RT: 6.96 min Scan# 726

Delta R.T. -0.01 min

Lab File: BG016957.D

Acq: 8 May 2015 15:24

Instrument :

BNA_G

ClientSampleId :

MW-28

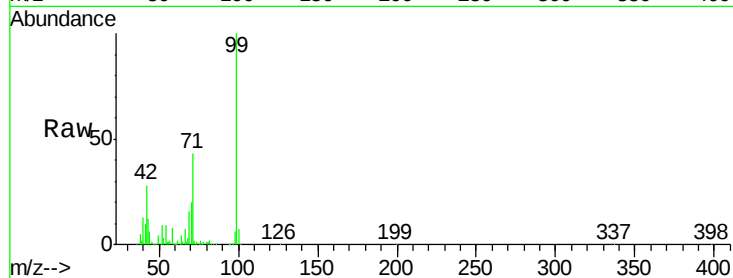
Tgt Ion: 99 Resp: 152492

Ion Ratio Lower Upper

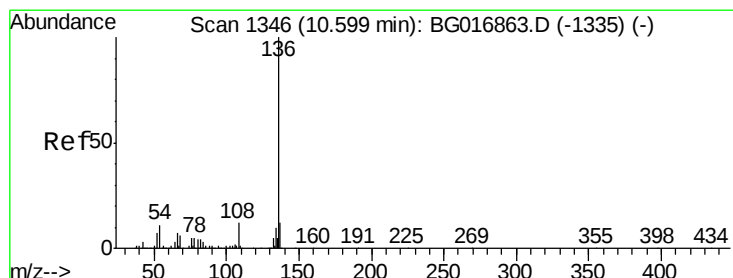
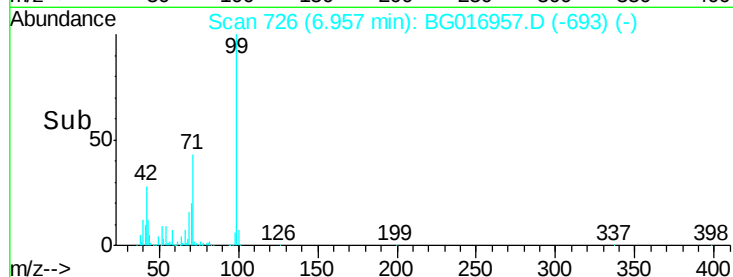
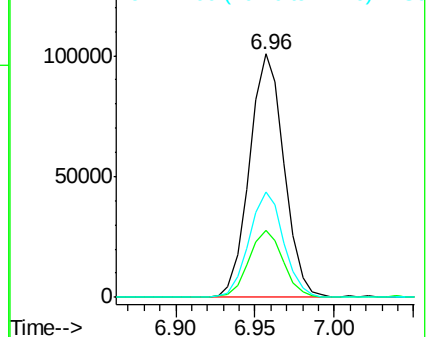
99 100

42 27.5 22.1 33.1

71 43.3 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. -0.01 min

Lab File: BG016957.D

Acq: 8 May 2015 15:24

Tgt Ion: 136 Resp: 248340

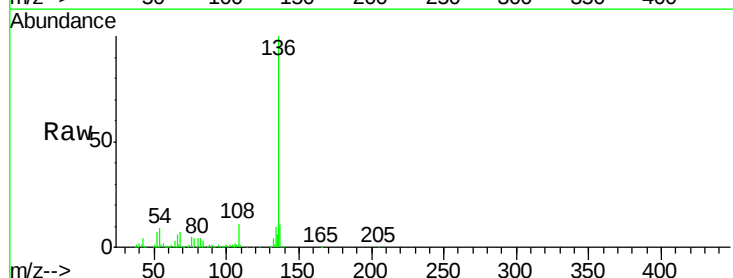
Ion Ratio Lower Upper

136 100

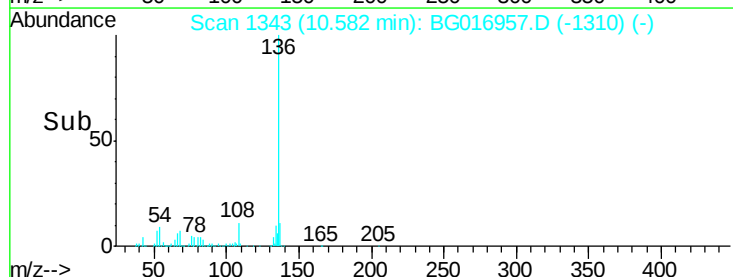
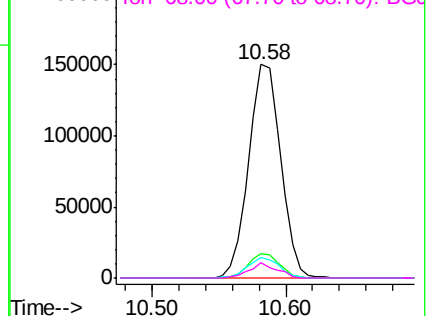
137 11.4 9.8 14.8

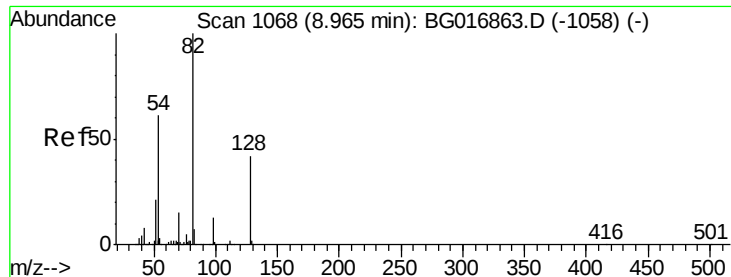
54 9.5 8.7 13.1

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

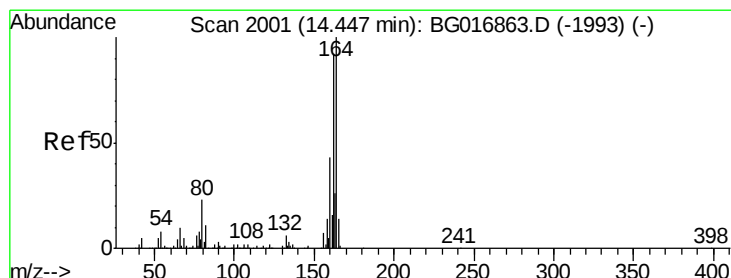
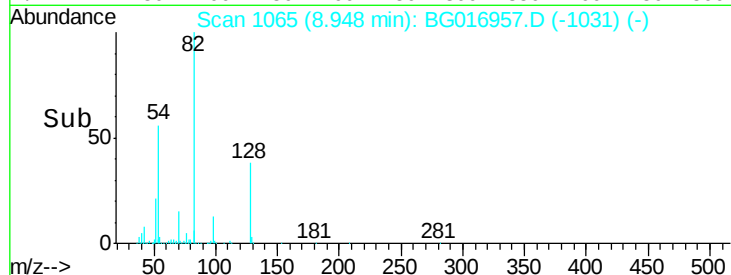
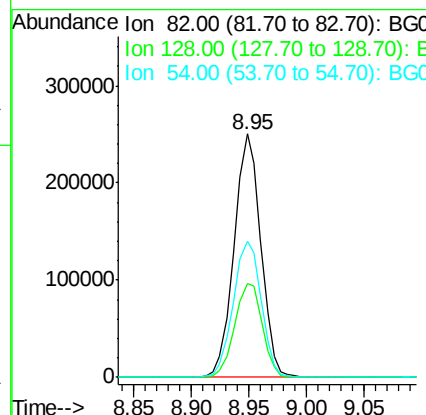
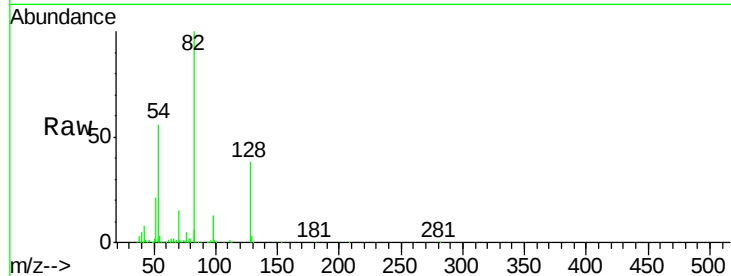




#23
 Nitrobenzene-d5
 Concen: 78.58 ng
 RT: 8.95 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: BG016957.D
 Acq: 8 May 2015 15:24

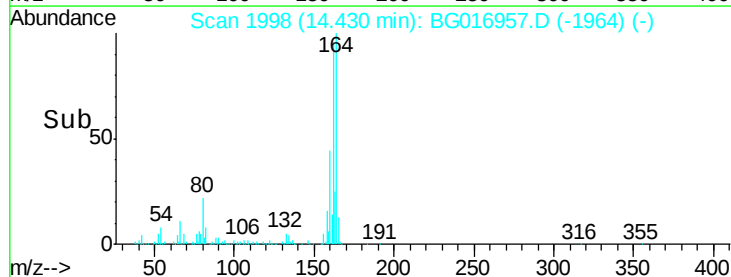
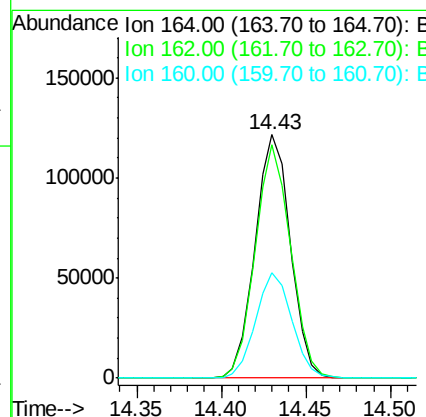
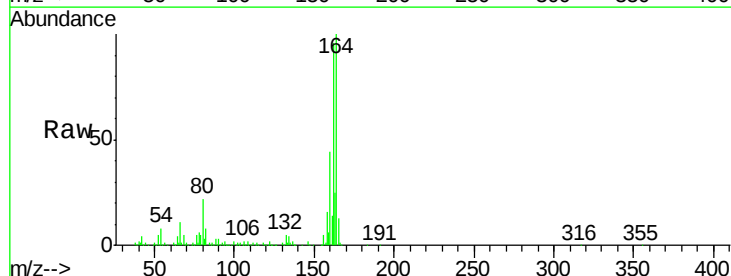
Instrument :
 BNA_G
 ClientSampleId :
 MW-28

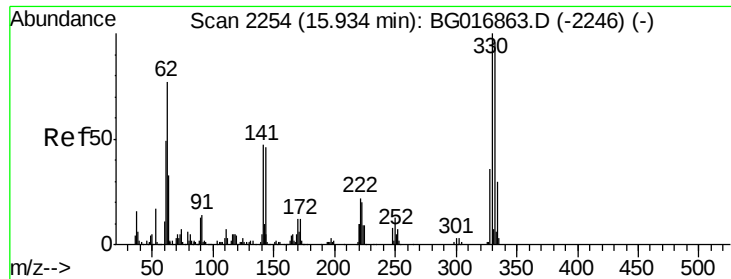
Tgt Ion: 82 Resp: 399465
 Ion Ratio Lower Upper
 82 100
 128 38.4 33.2 49.8
 54 56.0 48.6 72.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.43 min Scan# 1998
 Delta R.T. -0.00 min
 Lab File: BG016957.D
 Acq: 8 May 2015 15:24

Tgt Ion: 164 Resp: 176807
 Ion Ratio Lower Upper
 164 100
 162 95.7 74.0 111.0
 160 43.5 34.7 52.1

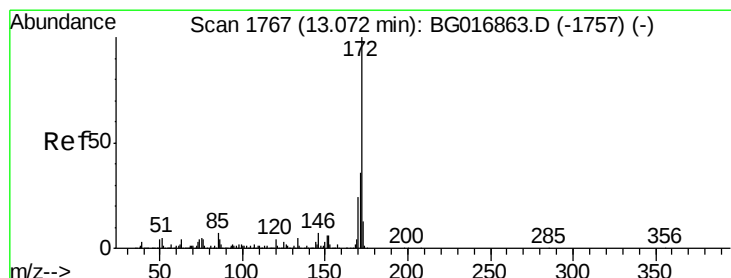
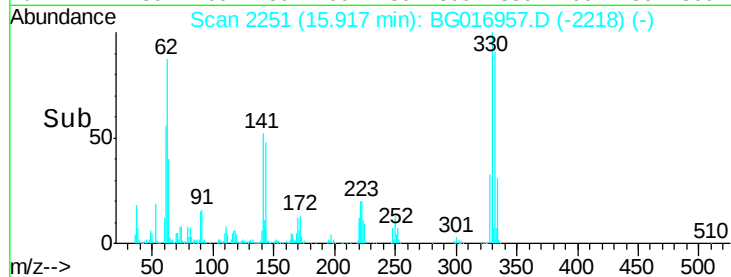
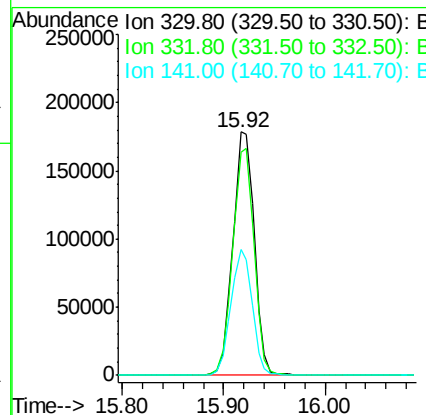
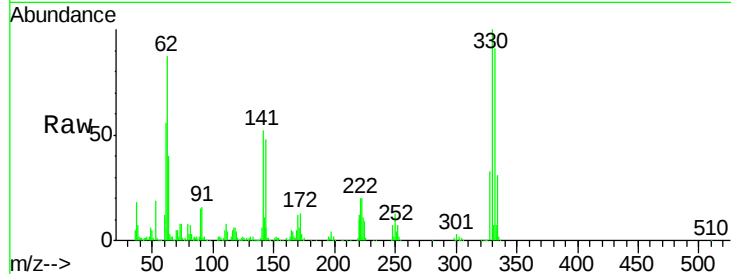




#41
 2,4,6-Tribromophenol
 Concen: 148.12 ng
 RT: 15.92 min Scan# 2251
 Delta R.T. -0.01 min
 Lab File: BG016957.D
 Acq: 8 May 2015 15:24

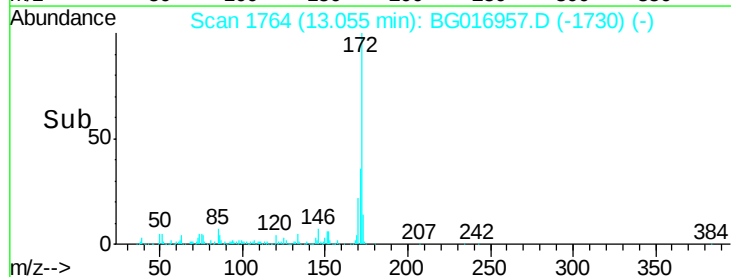
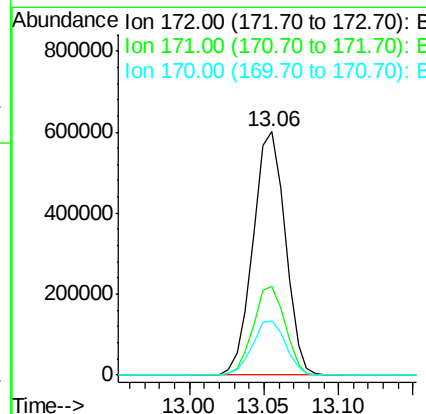
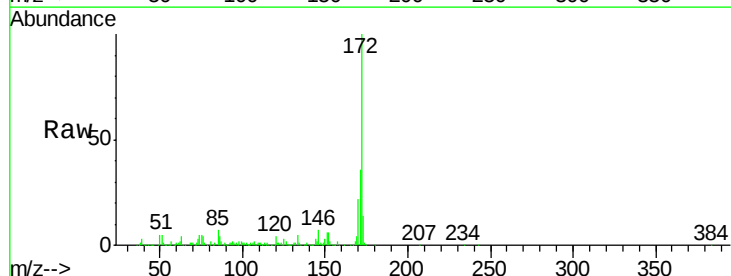
Instrument :
 BNA_G
 ClientSampleId :
 MW-28

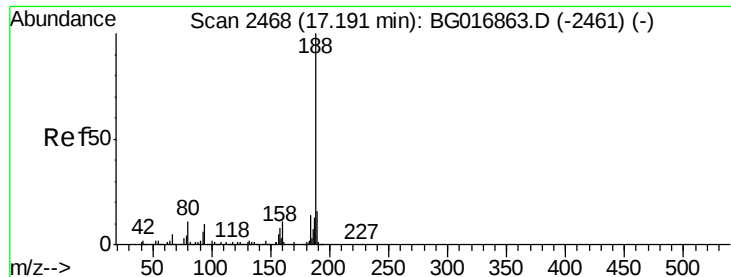
Tgt Ion:330 Resp: 262917
 Ion Ratio Lower Upper
 330 100
 332 92.8 0.0 0.0#
 141 51.7 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 76.07 ng
 RT: 13.06 min Scan# 1764
 Delta R.T. -0.00 min
 Lab File: BG016957.D
 Acq: 8 May 2015 15:24

Tgt Ion:172 Resp: 891287
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.0 43.4
 170 22.4 19.0 28.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.17 min Scan# 2465

Delta R.T. -0.00 min

Lab File: BG016957.D

Acq: 8 May 2015 15:24

Instrument :

BNA_G

ClientSampleId :

MW-28

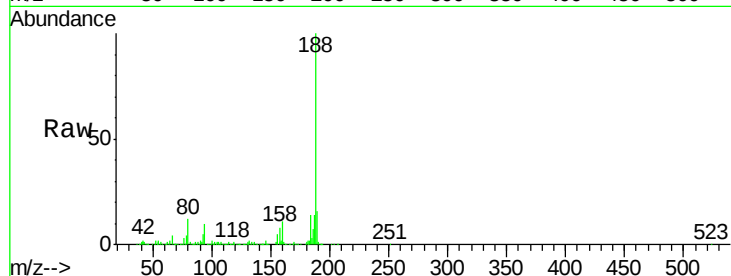
Tgt Ion:188 Resp: 405441

Ion Ratio Lower Upper

188 100

94 10.1 8.2 12.4

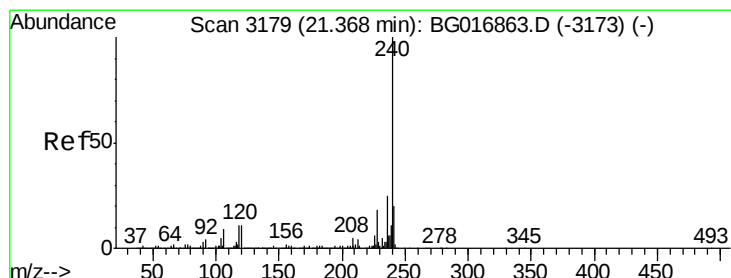
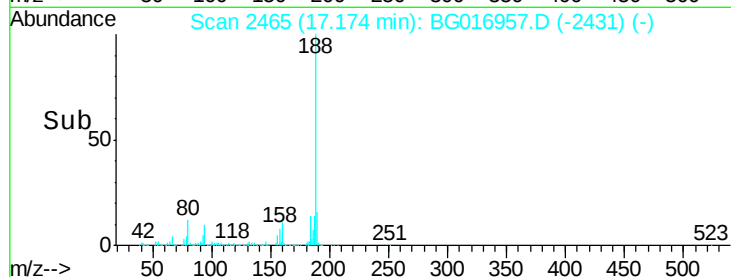
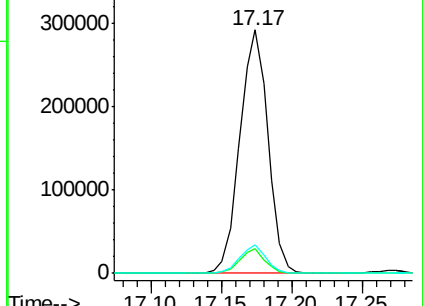
80 11.6 8.8 13.2



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. -0.01 min

Lab File: BG016957.D

Acq: 8 May 2015 15:24

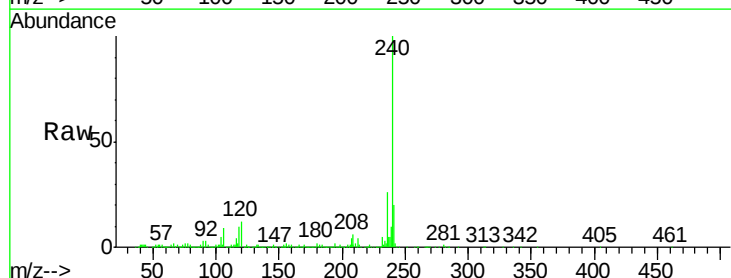
Tgt Ion:240 Resp: 395928

Ion Ratio Lower Upper

240 100

120 11.8 9.1 13.7

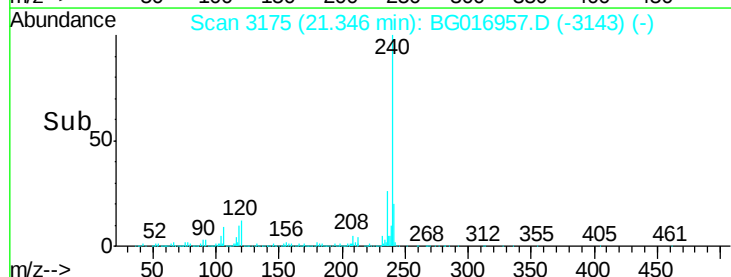
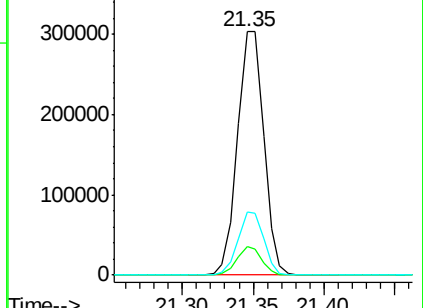
236 25.8 20.2 30.4

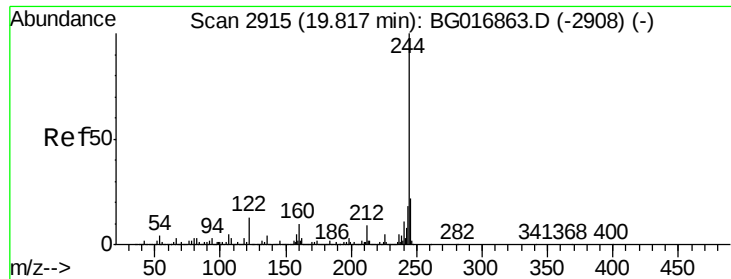


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 87.05 ng

RT: 19.80 min Scan# 2912

Delta R.T. -0.01 min

Lab File: BG016957.D

Acq: 8 May 2015 15:24

Instrument :

BNA_G

ClientSampleId :

MW-28

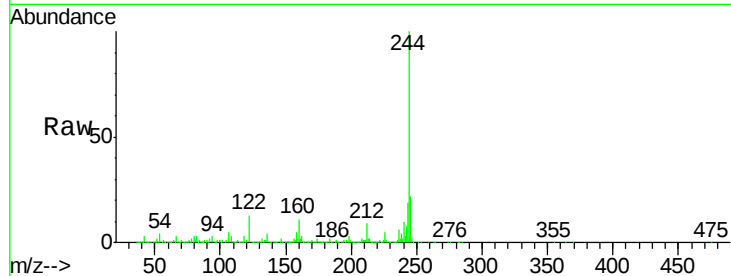
Tgt Ion:244 Resp: 1470143

Ion Ratio Lower Upper

244 100

212 8.9 7.0 10.6

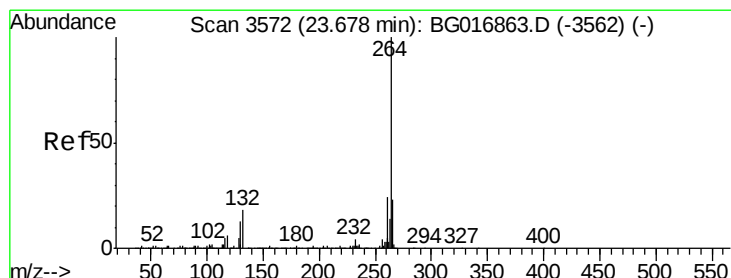
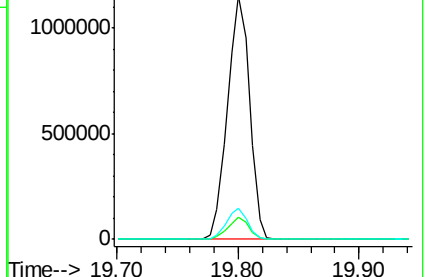
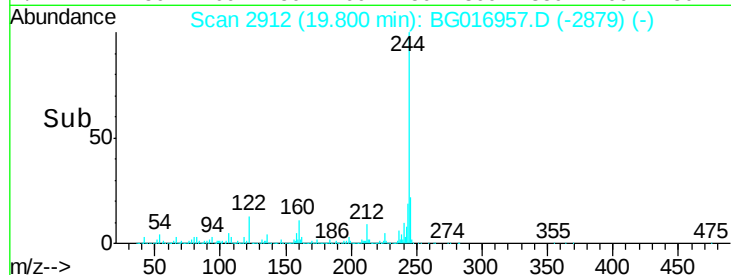
122 12.7 10.4 15.6



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: BG016957.D

Acq: 8 May 2015 15:24

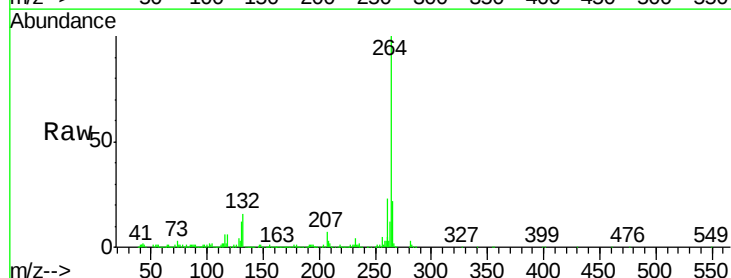
Tgt Ion:264 Resp: 386305

Ion Ratio Lower Upper

264 100

260 23.2 19.5 29.3

265 21.7 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

