

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042015\
 Data File : BG016556.D
 Acq On : 20 Apr 2015 18:06
 Operator : TP/IZ
 Sample : G1898-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-44

Quant Time: Apr 21 02:09:31 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 21 01:34:55 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	66505	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	291421	20.00	ng	0.00
38) Acenaphthene-d10	14.29	164	171428	20.00	ng	0.00
63) Phenanthrene-d10	17.03	188	353952	20.00	ng	0.00
75) Chrysene-d12	21.21	240	308285	20.00	ng	0.00
86) Perylene-d12	23.43	264	285121	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	221348	52.53	ng	0.00
7) Phenol-d6	6.84	99	188928	29.87	ng	0.00
23) Nitrobenzene-d5	8.81	82	397992	79.11	ng	0.00
41) 2,4,6-Tribromophenol	15.79	330	177422	153.04	ng	0.00
44) 2-Fluorobiphenyl	12.92	172	910227	90.40	ng	0.00
78) Terphenyl-d14	19.66	244	1084480	82.33	ng	0.00

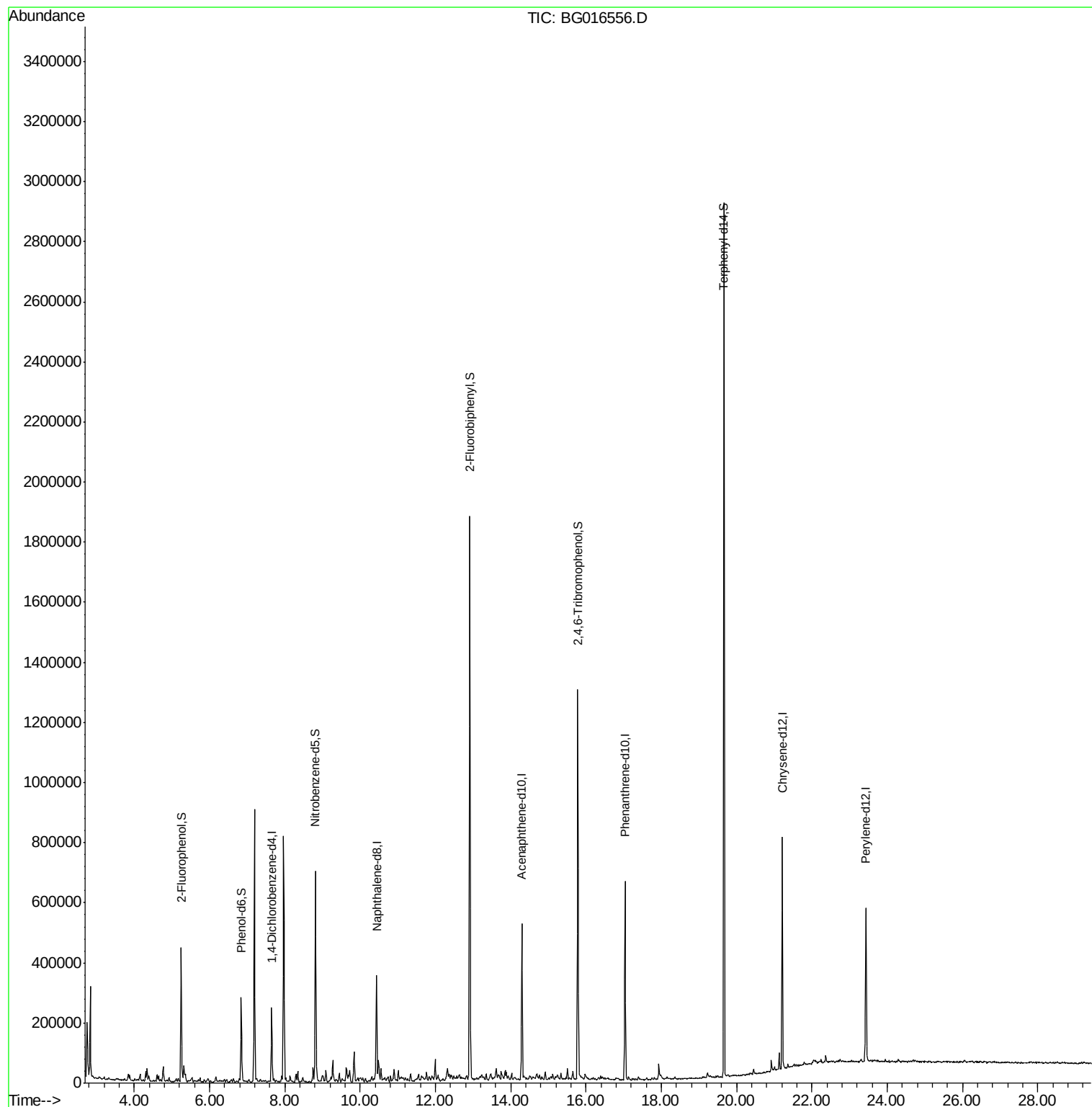
Target Compounds Qvalue

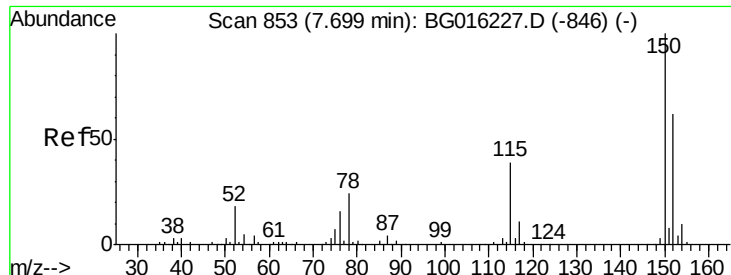
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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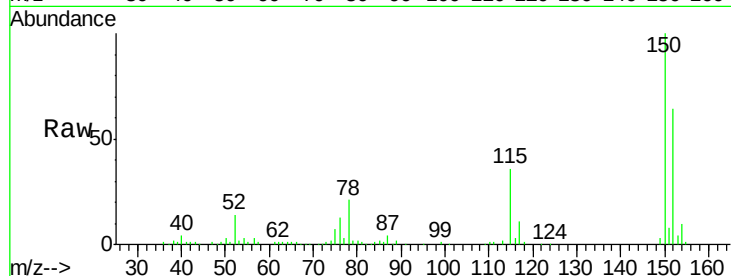


#1

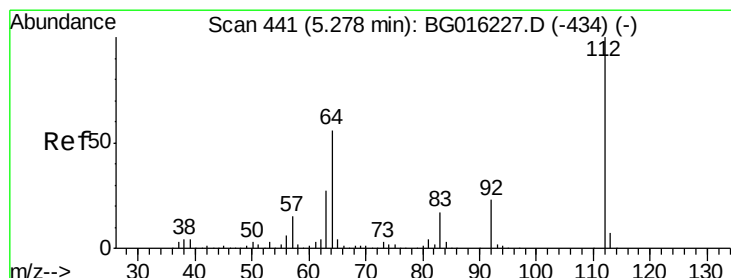
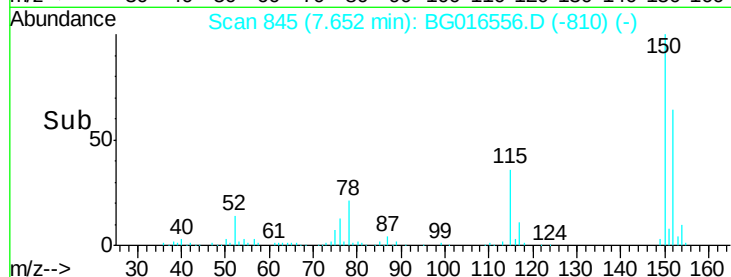
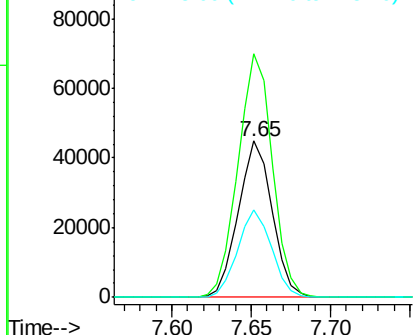
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.65 min Scan# 845
Delta R.T. 0.01 min
Lab File: BG016556.D
Acq: 20 Apr 2015 18:06

Instrument :
BNA_G
ClientSampled :
MW-44

Tot Ion:152 Resp: 66505
Ion Ratio Lower Upper
152 100
150 155.9 130.1 195.1
115 55.9 50.5 75.7



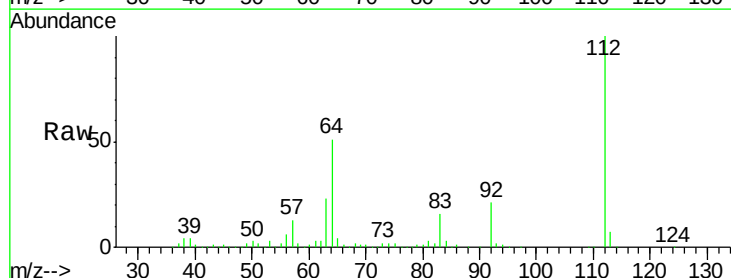
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



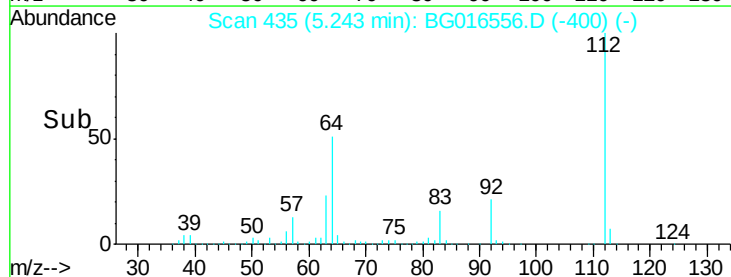
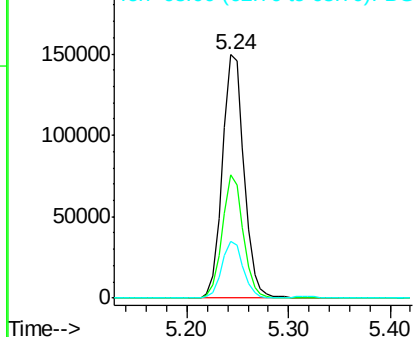
#5

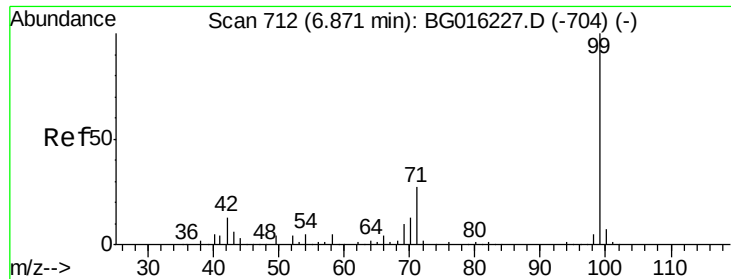
2-Fluorophenol
Concen: 52.53 ng
RT: 5.24 min Scan# 435
Delta R.T. 0.01 min
Lab File: BG016556.D
Acq: 20 Apr 2015 18:06

Tgt Ion:112 Resp: 221348
Ion Ratio Lower Upper
112 100
64 50.7 44.5 66.7
63 23.4 21.4 32.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 29.87 ng

RT: 6.84 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG016556.D

Acq: 20 Apr 2015 18:06

Instrument :

BNA_G

ClientSampleId :

MW-44

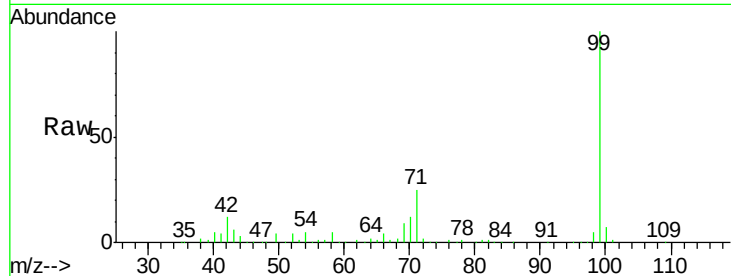
Tot Ion: 99 Resp: 188928

Ion Ratio Lower Upper

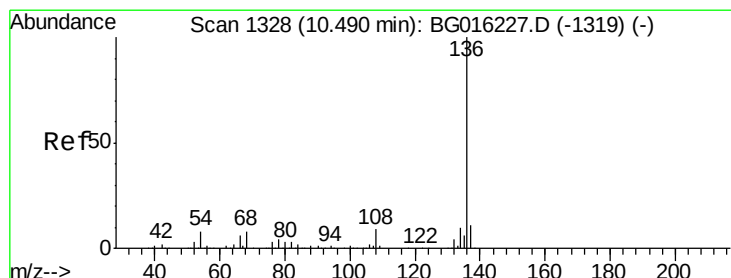
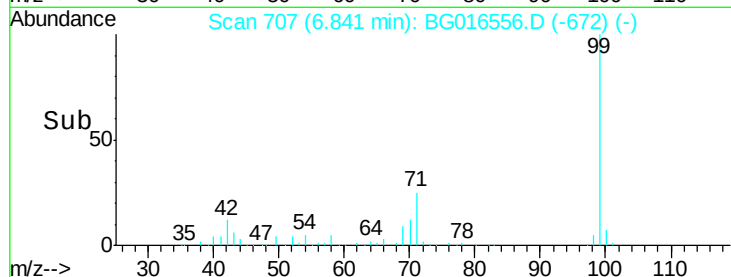
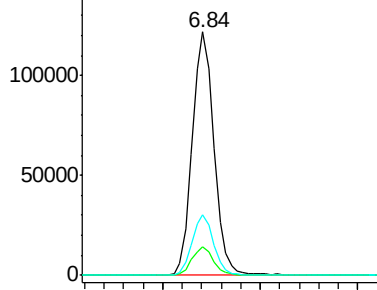
99 100

42 11.8 10.0 15.0

71 25.1 21.5 32.3



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: 10.44 min Scan# 1319

Delta R.T. 0.00 min

Lab File: BG016556.D

Acq: 20 Apr 2015 18:06

Tgt Ion: 136 Resp: 291421

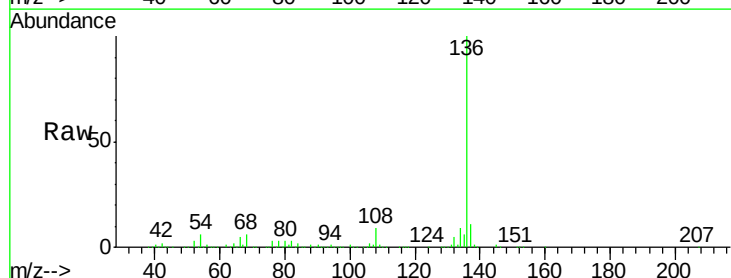
Ion Ratio Lower Upper

136 100

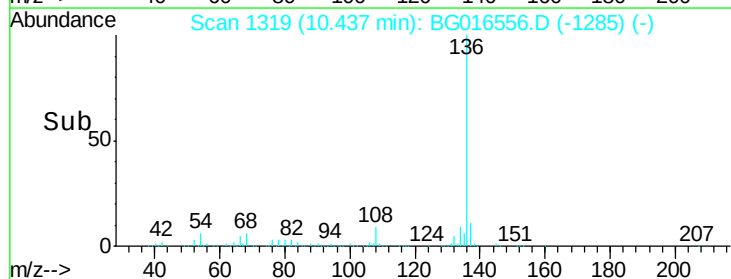
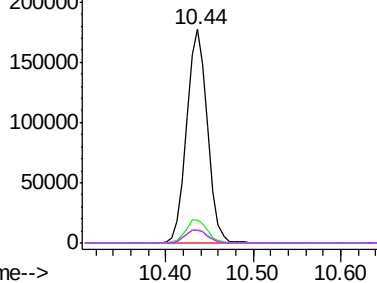
137 10.8 8.7 13.1

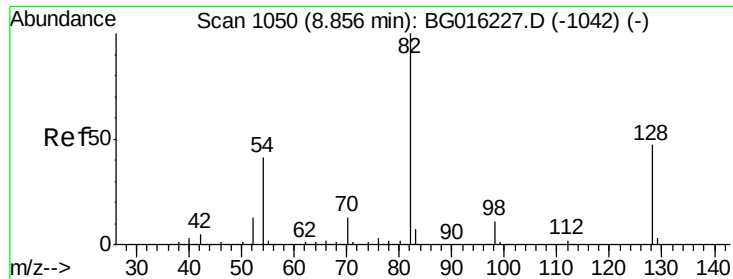
54 6.0 6.3 9.5#

68 6.3 6.5 9.7#



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

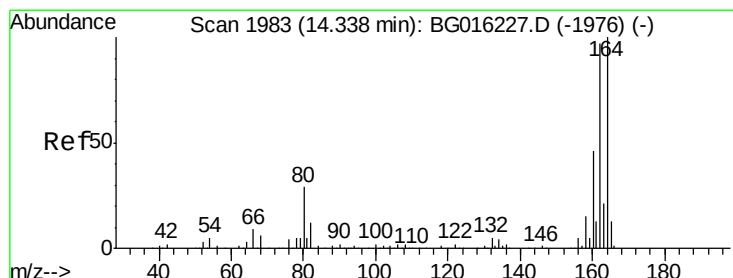
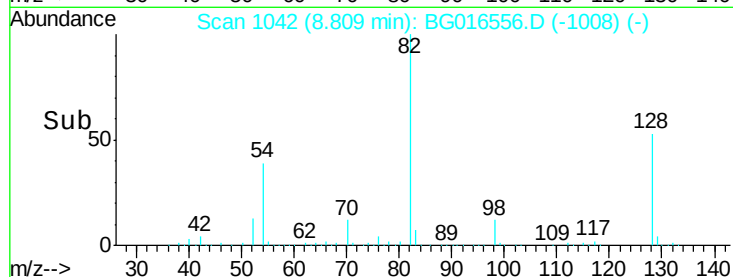
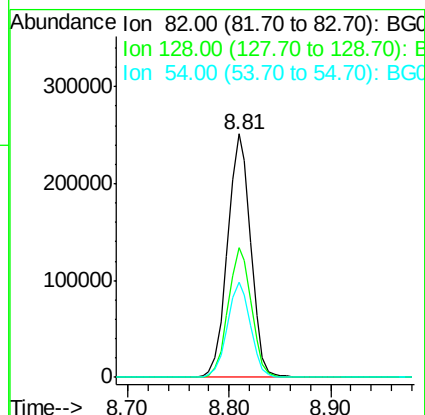
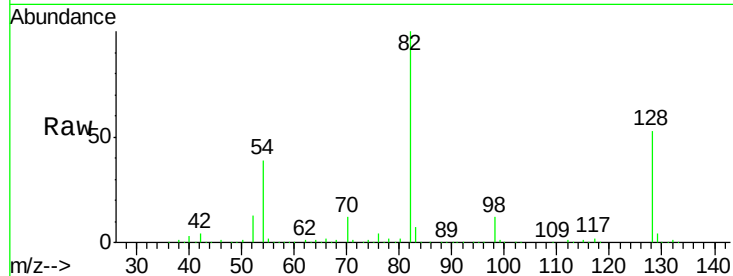




#23
Nitrobenzene-d5
Concen: 79.11 ng
RT: 8.81 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BG016556.D
Acq: 20 Apr 2015 18:06

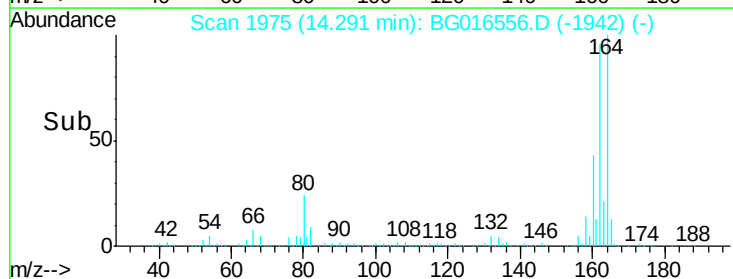
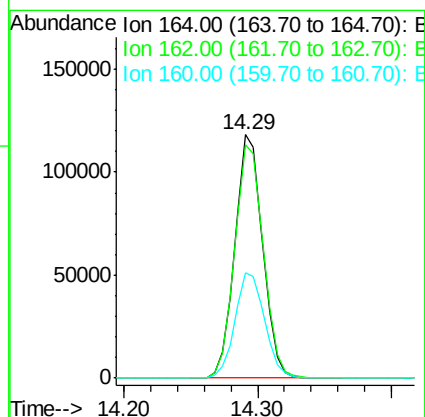
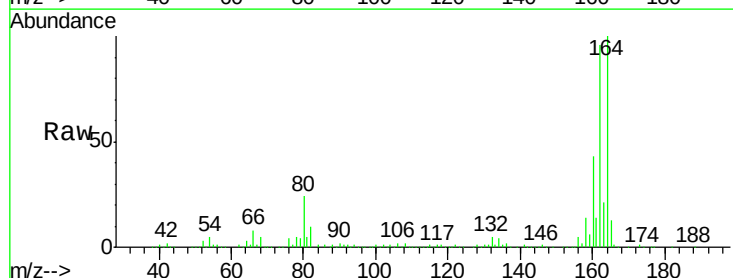
Instrument :
BNA_G
ClientSampleId :
MW-44

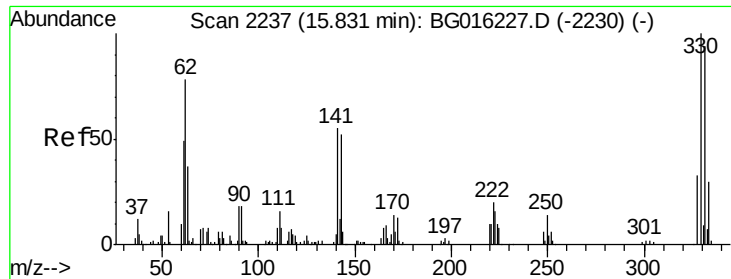
Tot Ion: 82 Resp: 397992
Ion Ratio Lower Upper
82 100
128 53.5 37.8 56.8
54 39.2 32.6 49.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.29 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG016556.D
Acq: 20 Apr 2015 18:06

Tgt Ion: 164 Resp: 171428
Ion Ratio Lower Upper
164 100
162 96.0 77.3 115.9
160 43.4 36.7 55.1

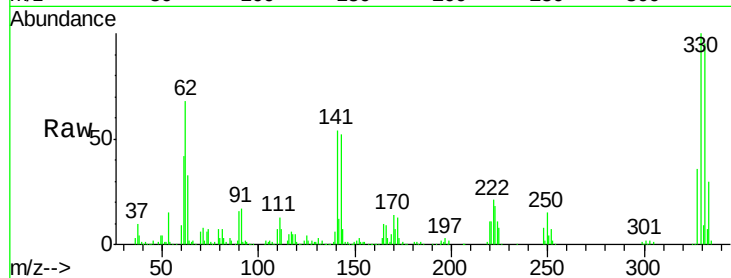




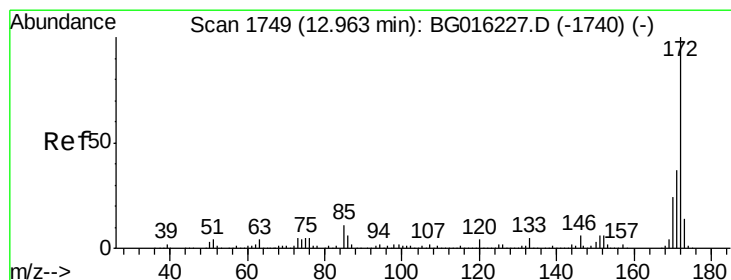
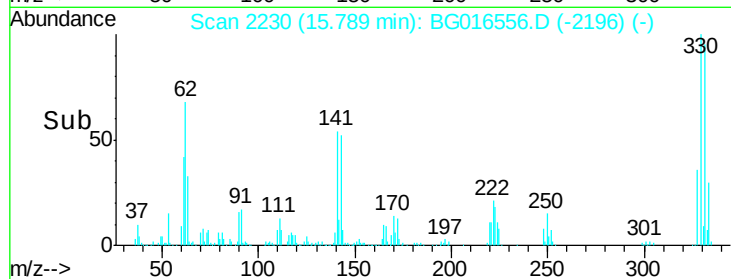
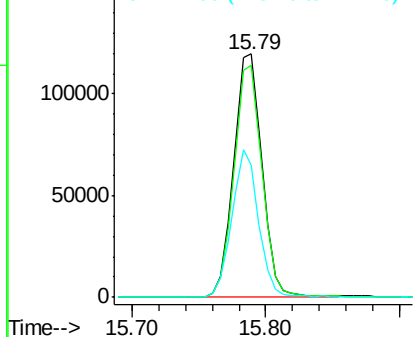
#41
 2,4,6-Tribromophenol
 Concen: 153.04 ng
 RT: 15.79 min Scan# 2230
 Delta R.T. 0.00 min
 Lab File: BG016556.D
 Acq: 20 Apr 2015 18:06

Instrument :
 BNA_G
 ClientSampleId :
 MW-44

Tot Ion:330 Resp: 177422
 Ion Ratio Lower Upper
 330 100
 332 94.7 75.8 113.6
 141 57.2 46.6 69.8

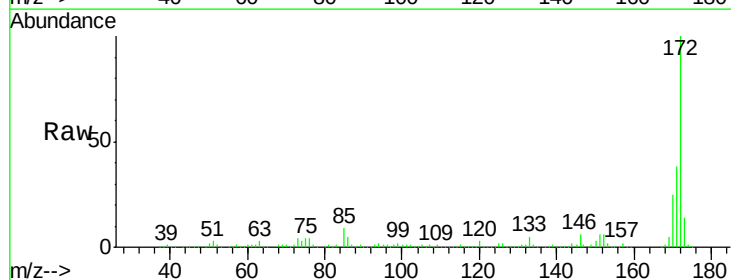


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

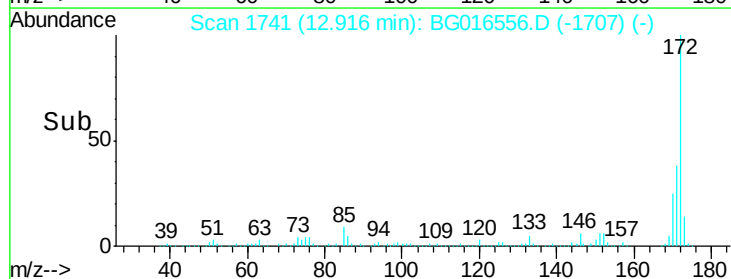
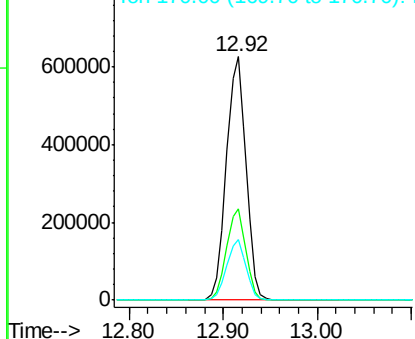


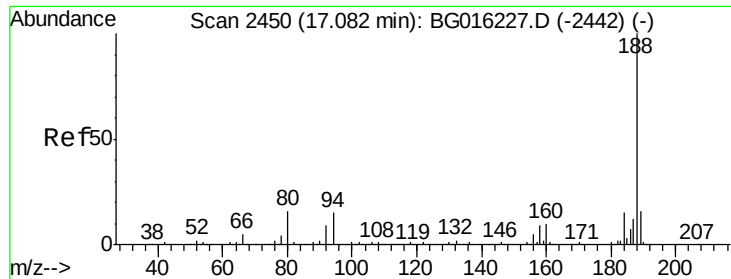
#44
 2-Fluorobiphenyl
 Concen: 90.40 ng
 RT: 12.92 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: BG016556.D
 Acq: 20 Apr 2015 18:06

Tgt Ion:172 Resp: 910227
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.6 44.4
 170 24.7 19.4 29.2



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

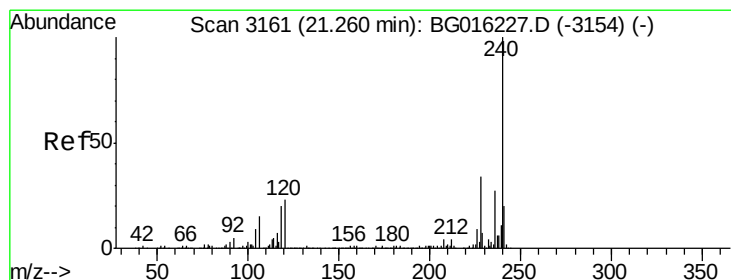
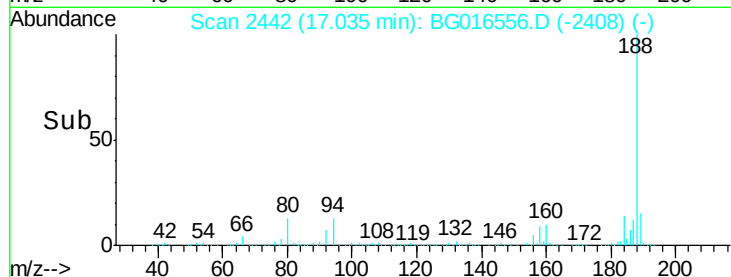
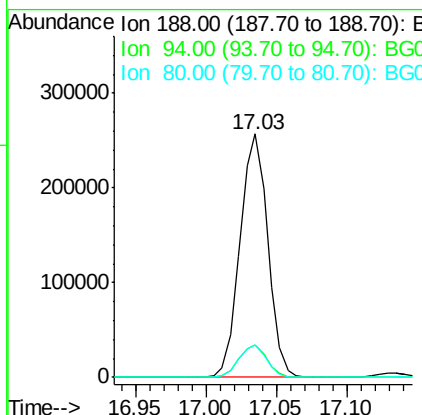
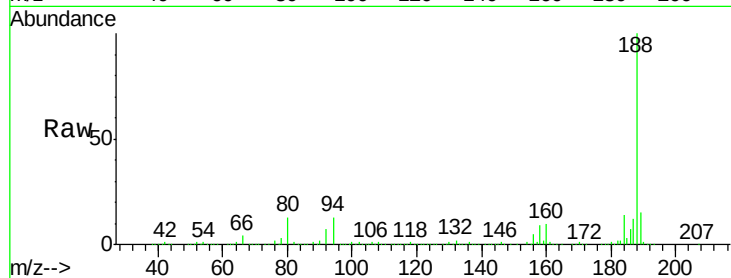




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.03 min Scan# 2442
Delta R.T. 0.00 min
Lab File: BG016556.D
Acq: 20 Apr 2015 18:06

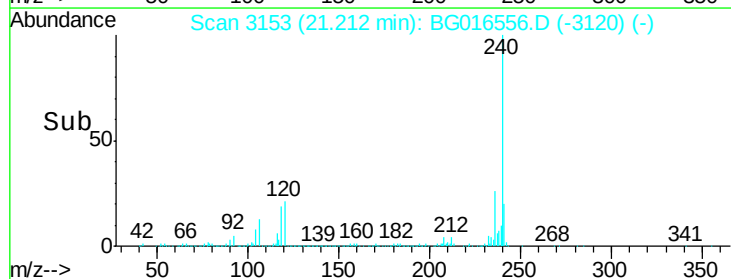
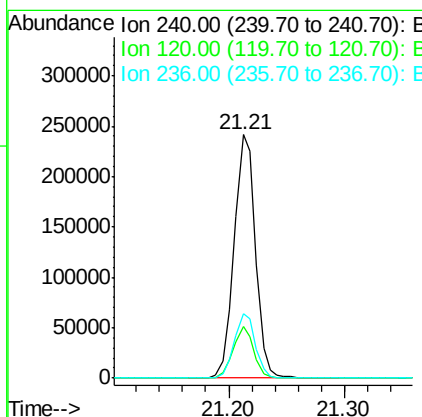
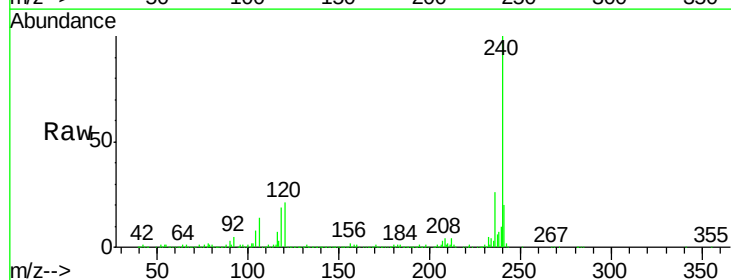
Instrument :
BNA_G
ClientSampleId :
MW-44

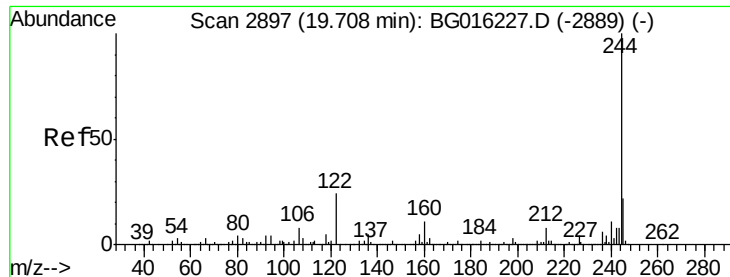
Tot Ion:188 Resp: 353952
Ion Ratio Lower Upper
188 100
94 13.2 12.2 18.4
80 13.1 12.8 19.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.21 min Scan# 3153
Delta R.T. -0.00 min
Lab File: BG016556.D
Acq: 20 Apr 2015 18:06

Tgt Ion:240 Resp: 308285
Ion Ratio Lower Upper
240 100
120 21.4 18.6 28.0
236 26.4 21.7 32.5





#78

Terphenyl-d14

Concen: 82.33 ng

RT: 19.66 min Scan# 2889

Delta R.T. -0.00 min

Lab File: BG016556.D

Acq: 20 Apr 2015 18:06

Instrument :

BNA_G

ClientSampled :

MW-44

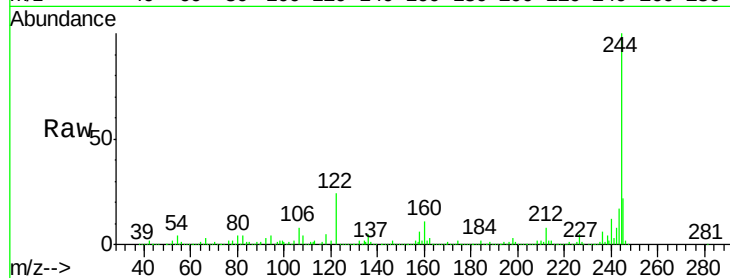
Tot Ion:244 Resp: 1084480

Ion Ratio Lower Upper

244 100

212 8.3 6.6 9.8

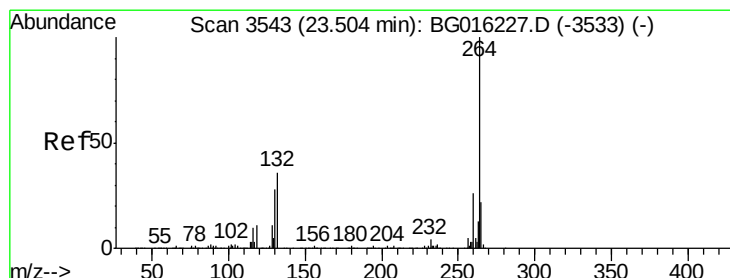
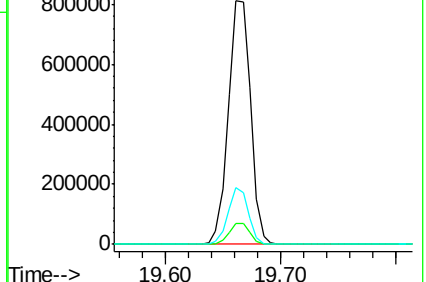
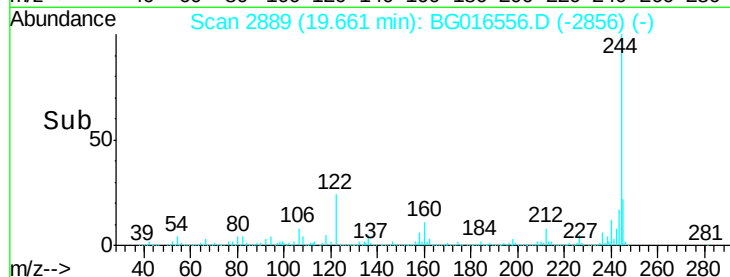
122 23.5 19.1 28.7



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: 23.43 min Scan# 3531

Delta R.T. -0.00 min

Lab File: BG016556.D

Acq: 20 Apr 2015 18:06

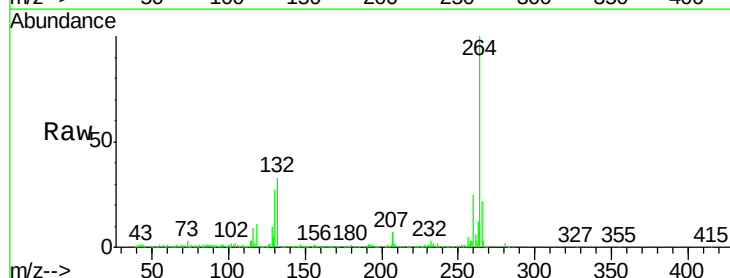
Tgt Ion:264 Resp: 285121

Ion Ratio Lower Upper

264 100

260 24.9 20.4 30.6

265 22.4 17.2 25.8



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

