

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041715\
 Data File : BG016517.D
 Acq On : 18 Apr 2015 10:38
 Operator : TP/IZ
 Sample : G1872-07
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-22

Quant Time: Apr 20 02:32:42 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 20 02:16:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	96000	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	412778	20.00	ng	0.00
38) Acenaphthene-d10	14.30	164	238100	20.00	ng	0.00
63) Phenanthrene-d10	17.04	188	491062	20.00	ng	0.00
75) Chrysene-d12	21.23	240	430502	20.00	ng	0.00
86) Perylene-d12	23.45	264	410765	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	276235	45.41	ng	0.00
7) Phenol-d6	6.84	99	230215	25.21	ng	0.00
23) Nitrobenzene-d5	8.82	82	462120	64.85	ng	0.00
41) 2,4,6-Tribromophenol	15.80	330	163895	101.78	ng	0.00
44) 2-Fluorobiphenyl	12.92	172	965645	69.05	ng	0.00
78) Terphenyl-d14	19.67	244	1053221	57.26	ng	0.00

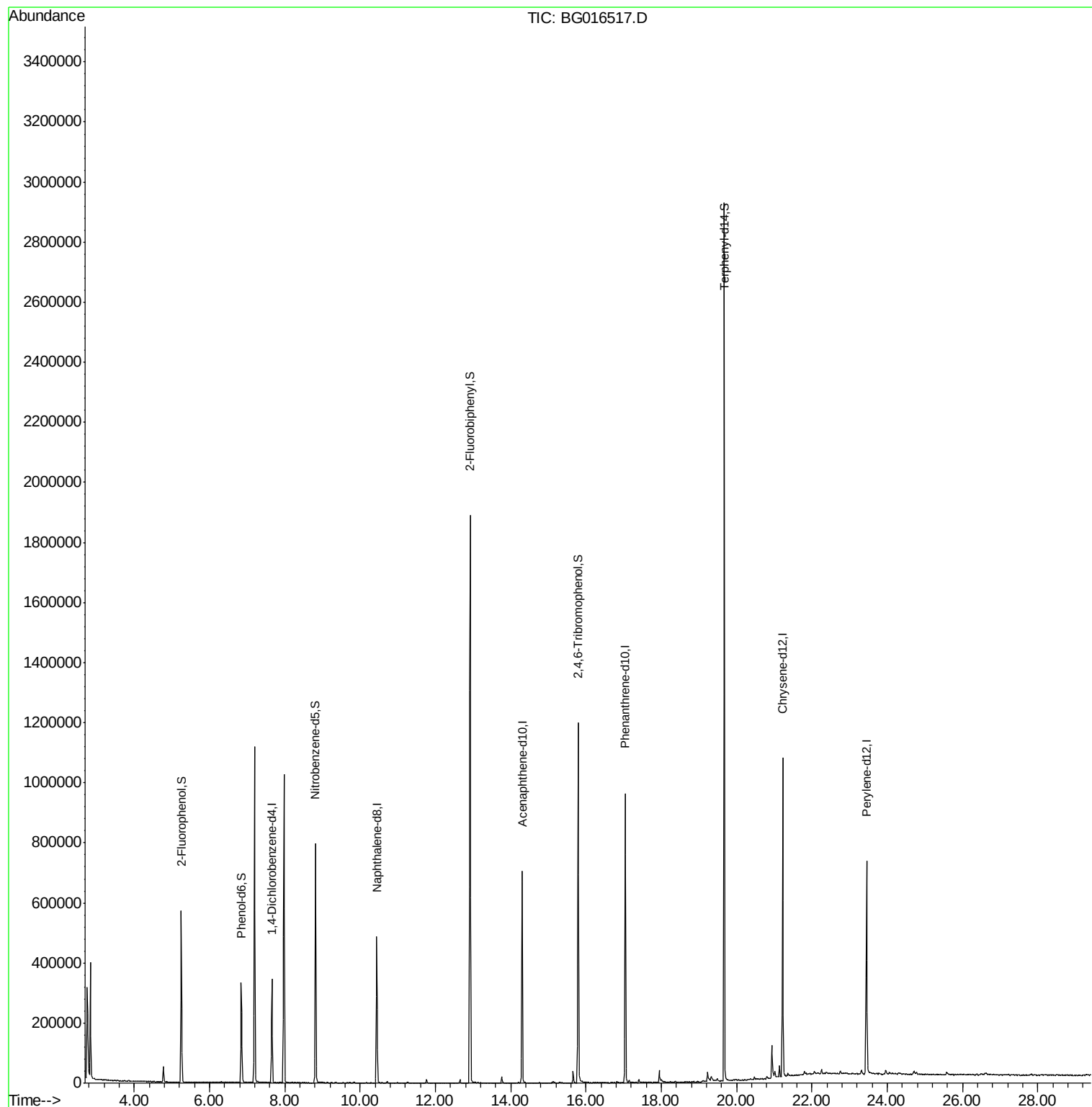
Target Compounds	Qvalue
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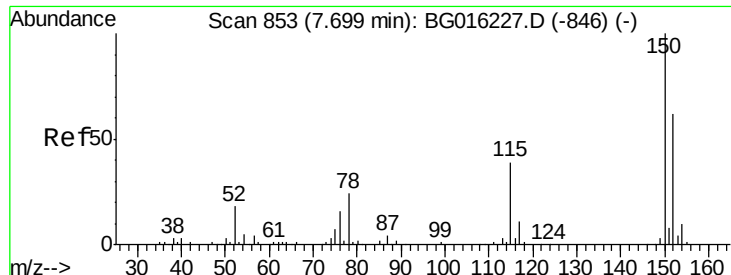
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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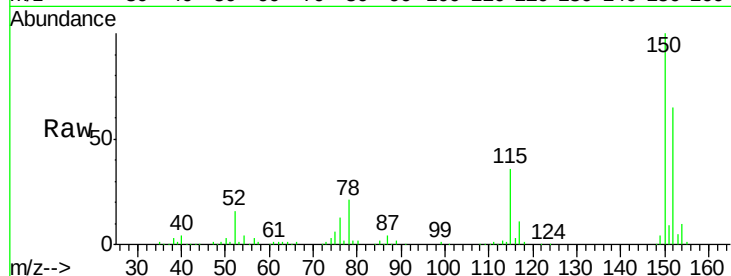


#1

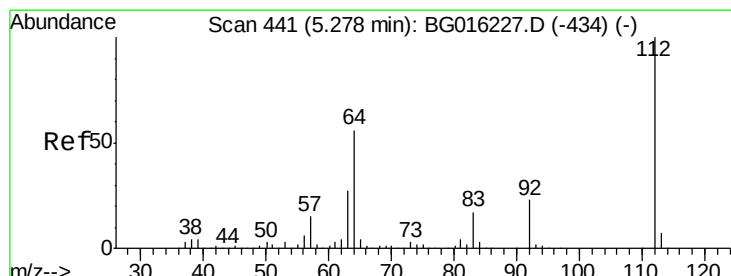
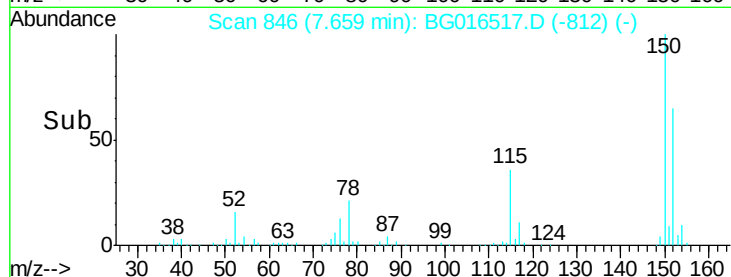
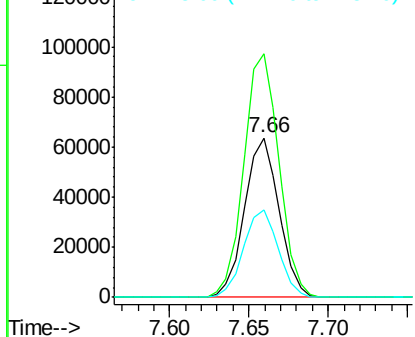
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.66 min Scan# 846
Delta R.T. 0.00 min
Lab File: BG016517.D
Acq: 18 Apr 2015 10:38

Instrument :
BNA_G
ClientSampleId :
MW-22

Tgt Ion:152 Resp: 96000
Ion Ratio Lower Upper
152 100
150 153.0 130.1 195.1
115 55.3 50.5 75.7



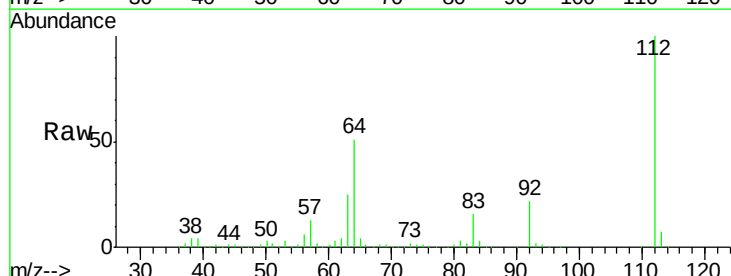
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



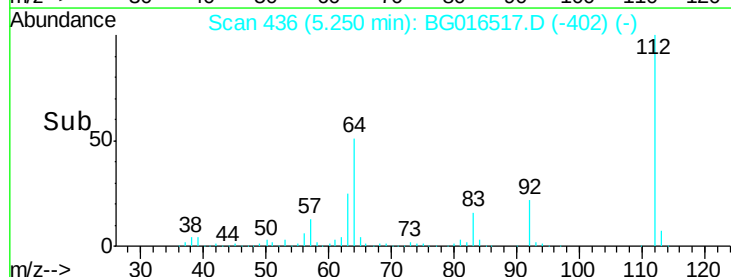
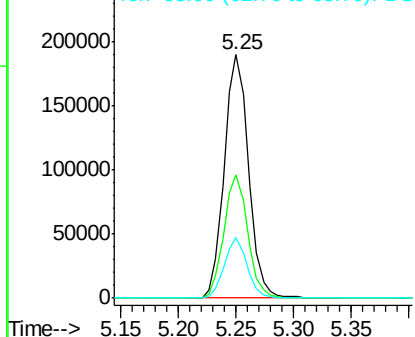
#5

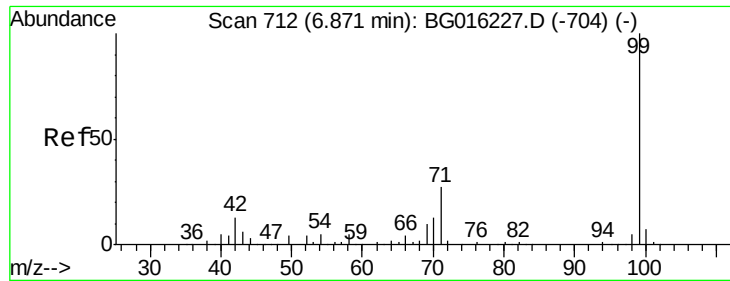
2-Fluorophenol
Concen: 45.41 ng
RT: 5.25 min Scan# 436
Delta R.T. 0.00 min
Lab File: BG016517.D
Acq: 18 Apr 2015 10:38

Tgt Ion:112 Resp: 276235
Ion Ratio Lower Upper
112 100
64 50.8 44.5 66.7
63 24.7 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: 25.21 ng

RT: 6.84 min Scan# 707

Delta R.T. -0.01 min

Lab File: BG016517.D

Acq: 18 Apr 2015 10:38

Instrument :

BNA_G

ClientSampleId :

MW-22

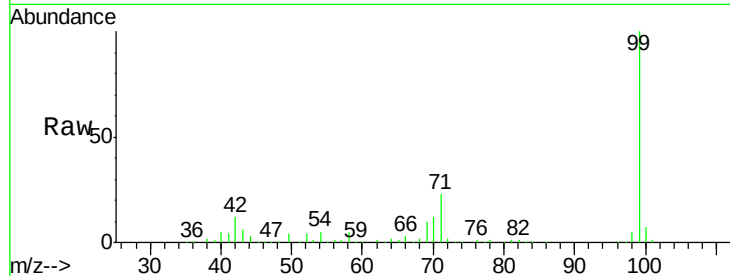
Tgt Ion: 99 Resp: 230215

Ion Ratio Lower Upper

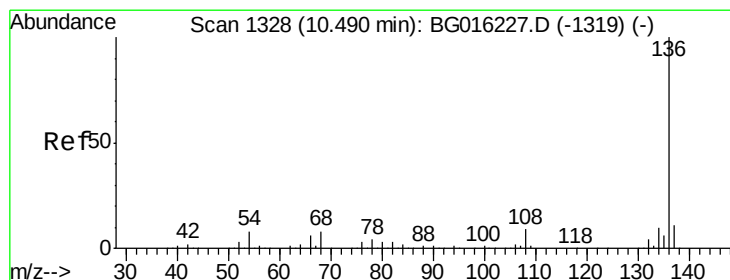
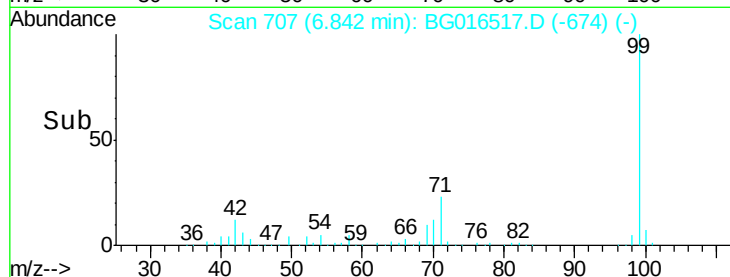
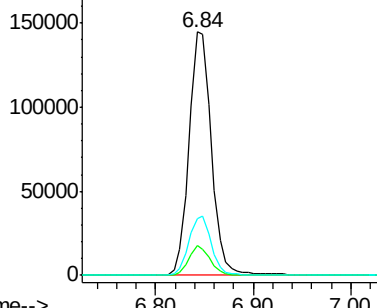
99 100

42 12.5 10.0 15.0

71 23.3 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# 1320

Delta R.T. 0.00 min

Lab File: BG016517.D

Acq: 18 Apr 2015 10:38

Tgt Ion: 136 Resp: 412778

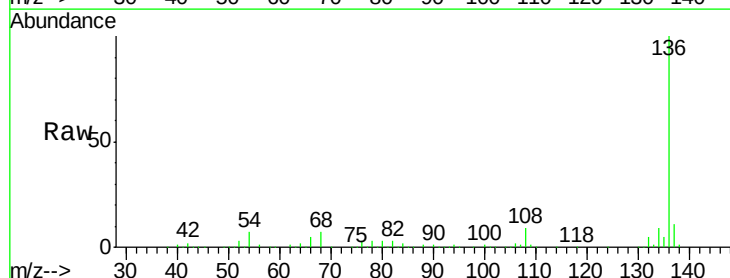
Ion Ratio Lower Upper

136 100

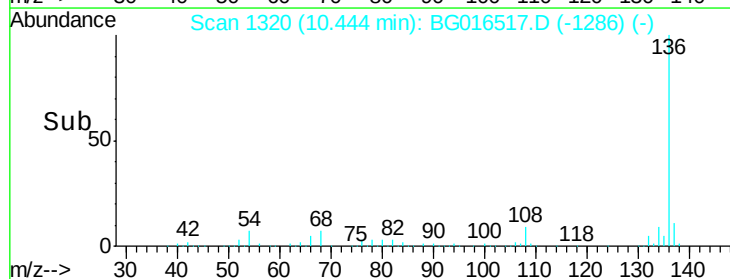
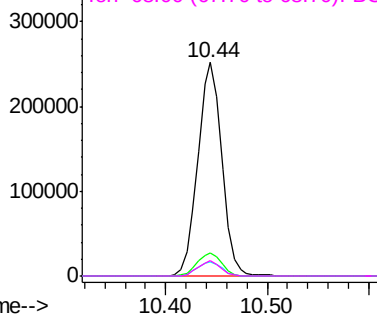
137 10.7 8.7 13.1

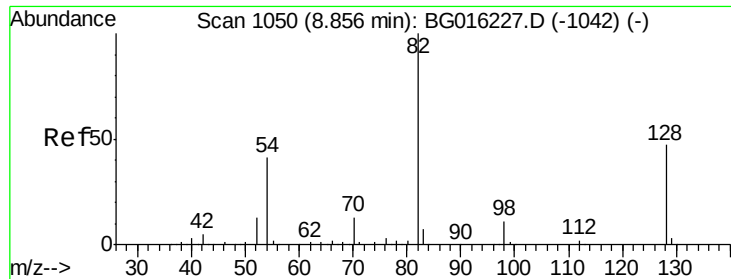
54 6.7 6.3 9.5

68 6.9 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

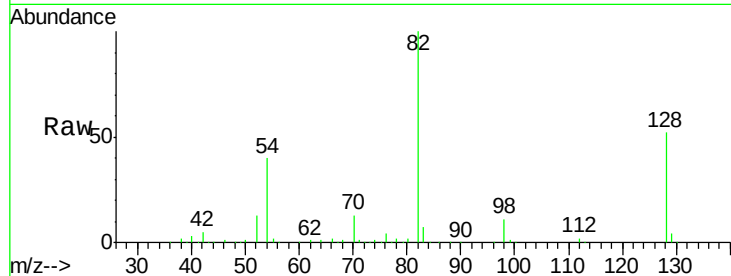




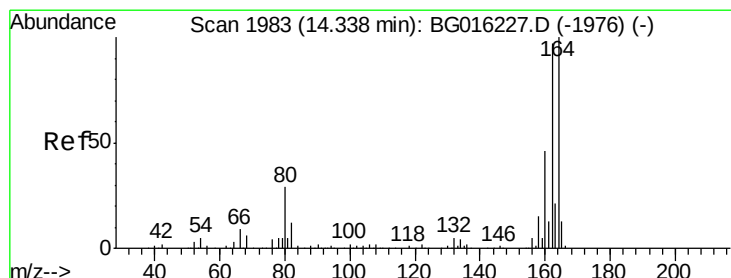
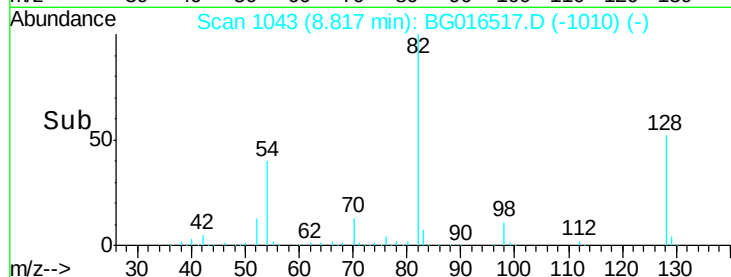
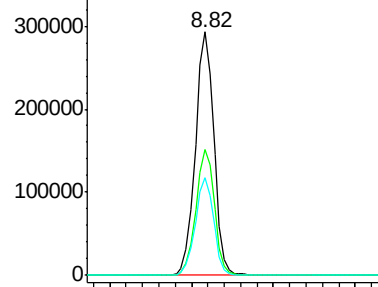
#23
 Nitrobenzene-d5
 Concen: 64.85 ng
 RT: 8.82 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BG016517.D
 Acq: 18 Apr 2015 10:38

Instrument :
 BNA_G
 ClientSampleId :
 MW-22

Tgt Ion: 82 Resp: 462120
 Ion Ratio Lower Upper
 82 100
 128 51.7 37.8 56.8
 54 40.1 32.6 49.0

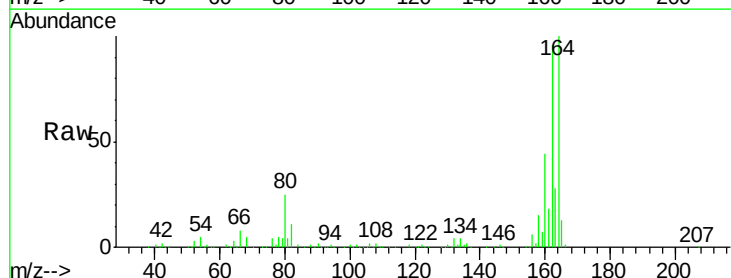


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

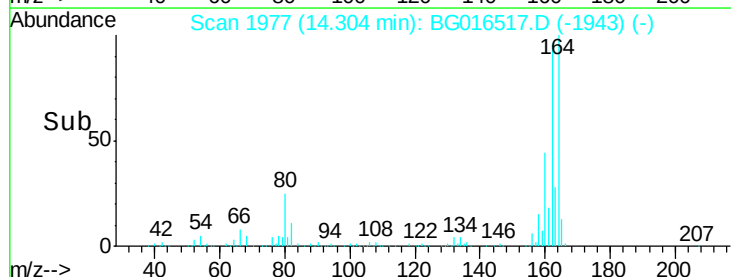
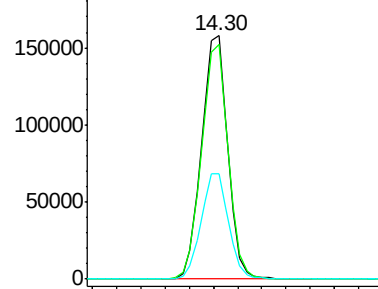


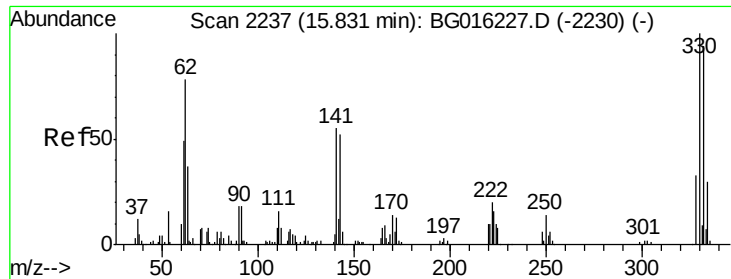
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.30 min Scan# 1977
 Delta R.T. 0.00 min
 Lab File: BG016517.D
 Acq: 18 Apr 2015 10:38

Tgt Ion: 164 Resp: 238100
 Ion Ratio Lower Upper
 164 100
 162 96.1 77.3 115.9
 160 43.5 36.7 55.1



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

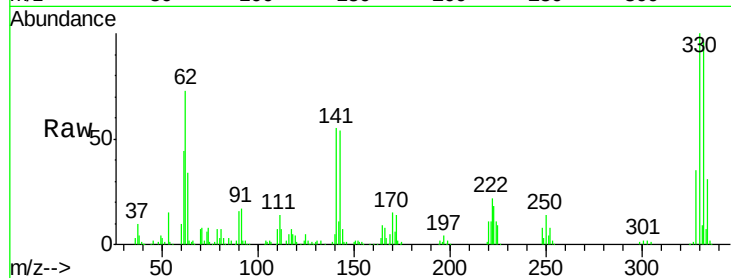




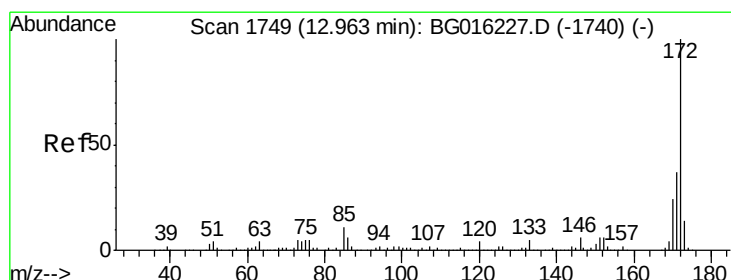
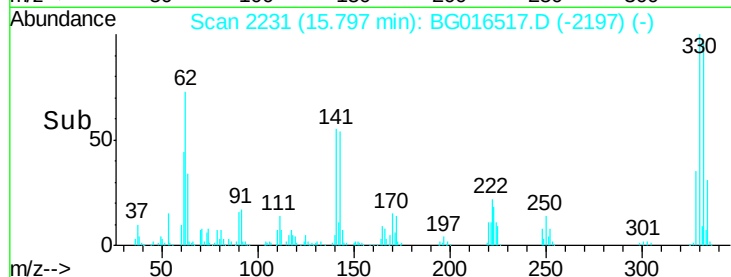
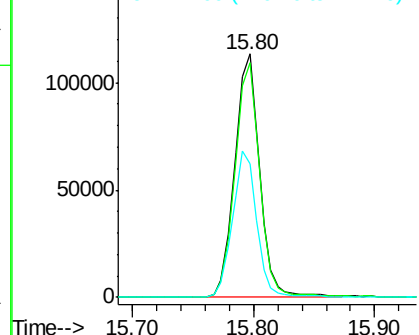
#41
 2,4,6-Tribromophenol
 Concen: 101.78 ng
 RT: 15.80 min Scan# 2231
 Delta R.T. 0.00 min
 Lab File: BG016517.D
 Acq: 18 Apr 2015 10:38

Instrument :
 BNA_G
 ClientSampleId :
 MW-22

Tgt Ion:330 Resp: 163895
 Ion Ratio Lower Upper
 330 100
 332 97.0 75.8 113.6
 141 58.8 46.6 69.8

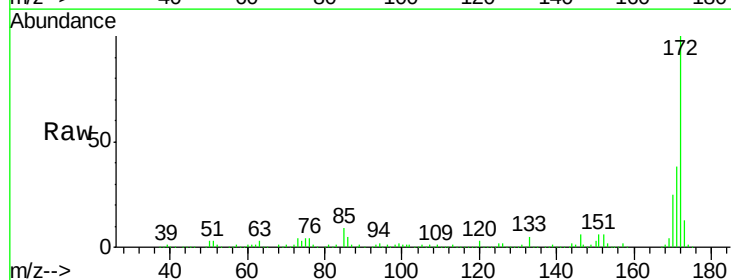


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

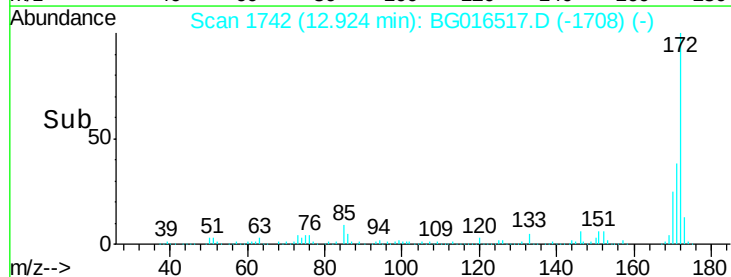
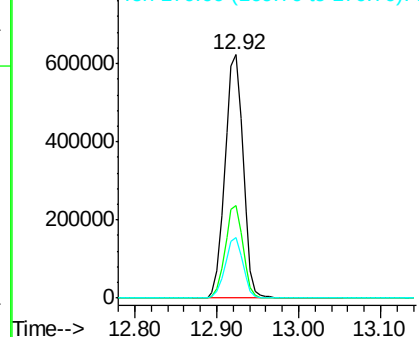


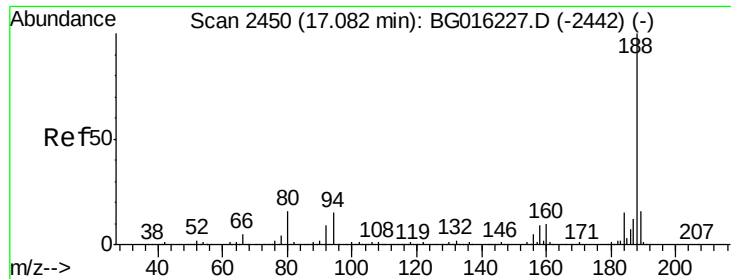
#44
 2-Fluorobiphenyl
 Concen: 69.05 ng
 RT: 12.92 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: BG016517.D
 Acq: 18 Apr 2015 10:38

Tgt Ion:172 Resp: 965645
 Ion Ratio Lower Upper
 172 100
 171 37.8 29.6 44.4
 170 25.1 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

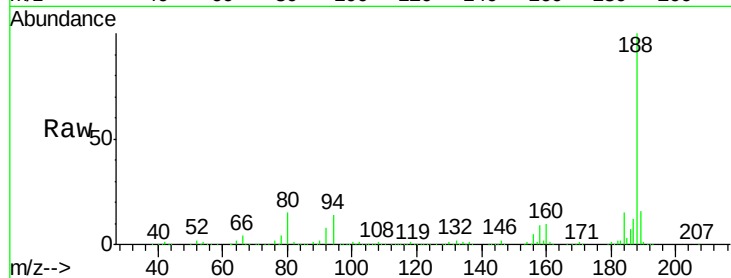




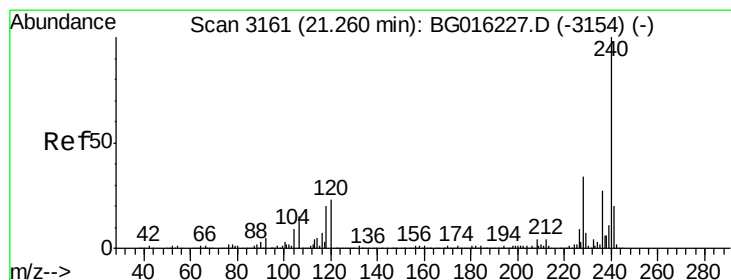
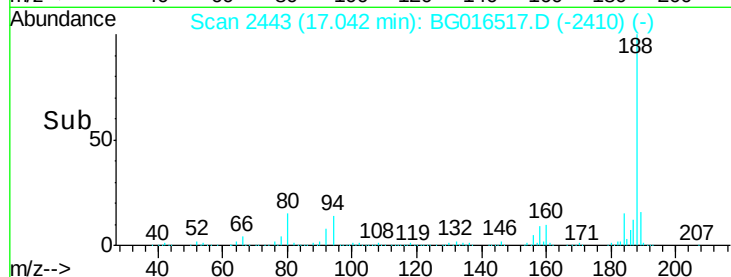
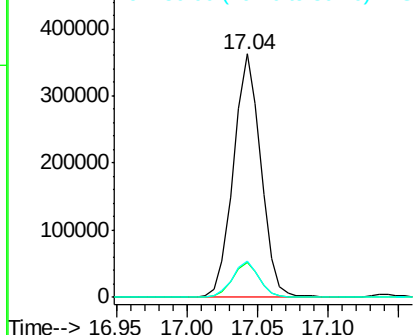
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.04 min Scan# 2443
Delta R.T. -0.01 min
Lab File: BG016517.D
Acq: 18 Apr 2015 10:38

Instrument :
BNA_G
ClientSampleId :
MW-22

Tgt Ion:188 Resp: 491062
Ion Ratio Lower Upper
188 100
94 14.3 12.2 18.4
80 14.8 12.8 19.2

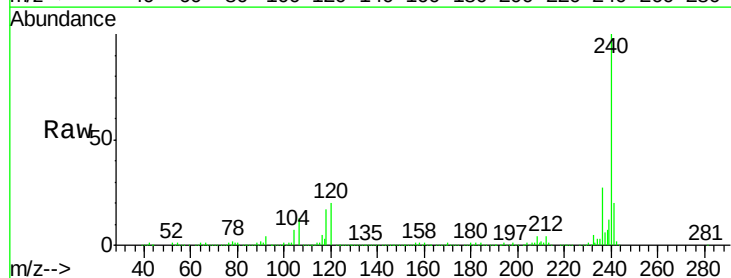


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

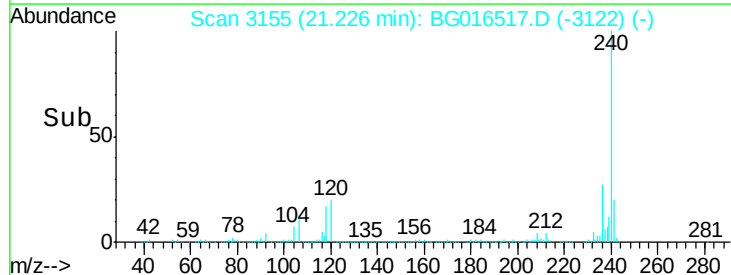
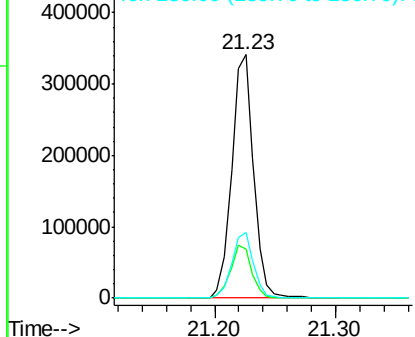


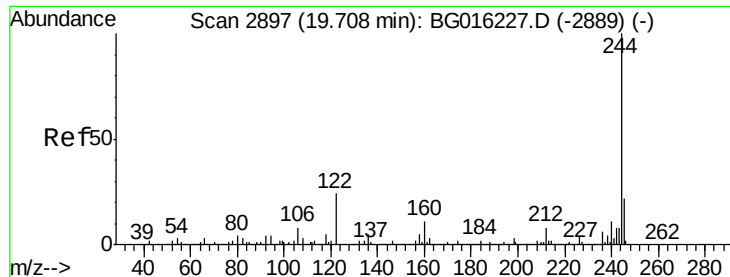
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.23 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG016517.D
Acq: 18 Apr 2015 10:38

Tgt Ion:240 Resp: 430502
Ion Ratio Lower Upper
240 100
120 20.0 18.6 28.0
236 27.0 21.7 32.5



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: 57.26 ng

RT: 19.67 min Scan# 2891

Delta R.T. 0.00 min

Lab File: BG016517.D

Acq: 18 Apr 2015 10:38

Instrument :

BNA_G

ClientSampleId :

MW-22

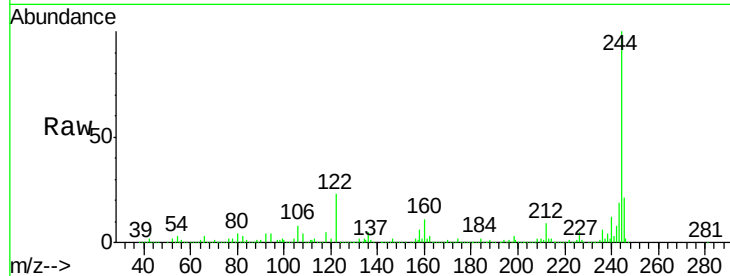
Tgt Ion:244 Resp: 1053221

Ion Ratio Lower Upper

244 100

212 8.7 6.6 9.8

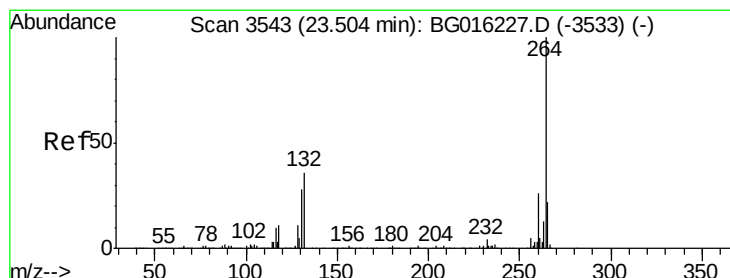
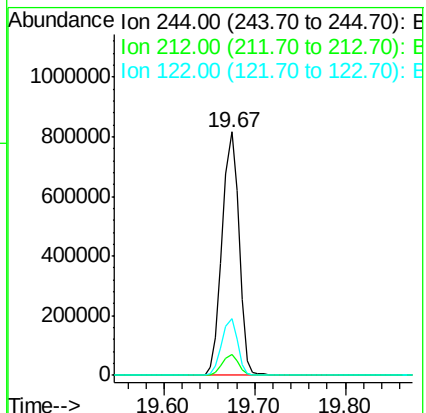
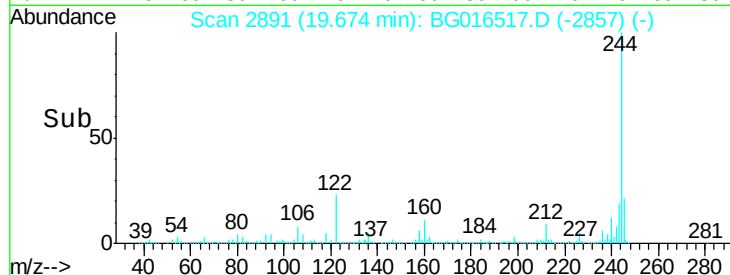
122 23.3 19.1 28.7



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: 23.45 min Scan# 3534

Delta R.T. 0.00 min

Lab File: BG016517.D

Acq: 18 Apr 2015 10:38

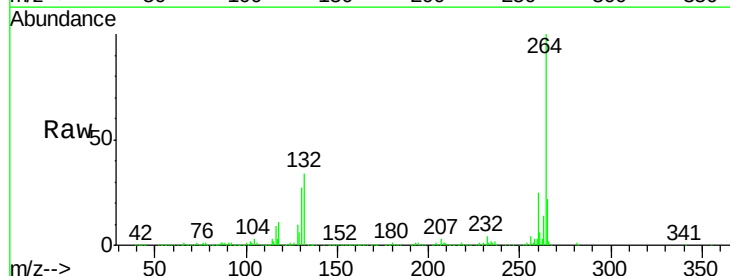
Tgt Ion:264 Resp: 410765

Ion Ratio Lower Upper

264 100

260 25.4 20.4 30.6

265 22.2 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

