

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120715\
 Data File : BG019995.D
 Acq On : 8 Dec 2015 00:07
 Operator : UM/NP
 Sample : G4676-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-20

Quant Time: Dec 08 00:47:02 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	17068	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	76584	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	54320	20.00	ng	-0.02
63) Phenanthrene-d10	17.48	188	134340	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	161300	20.00	ng	-0.04
86) Perylene-d12	25.03	264	150788	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	74882	79.29	ng	-0.01
7) Phenol-d6	7.26	99	70478	49.43	ng	-0.02
23) Nitrobenzene-d5	9.28	82	154482	102.95	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	112790	135.71	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	376593	94.66	ng	-0.02
78) Terphenyl-d14	20.09	244	628344	95.02	ng	-0.02

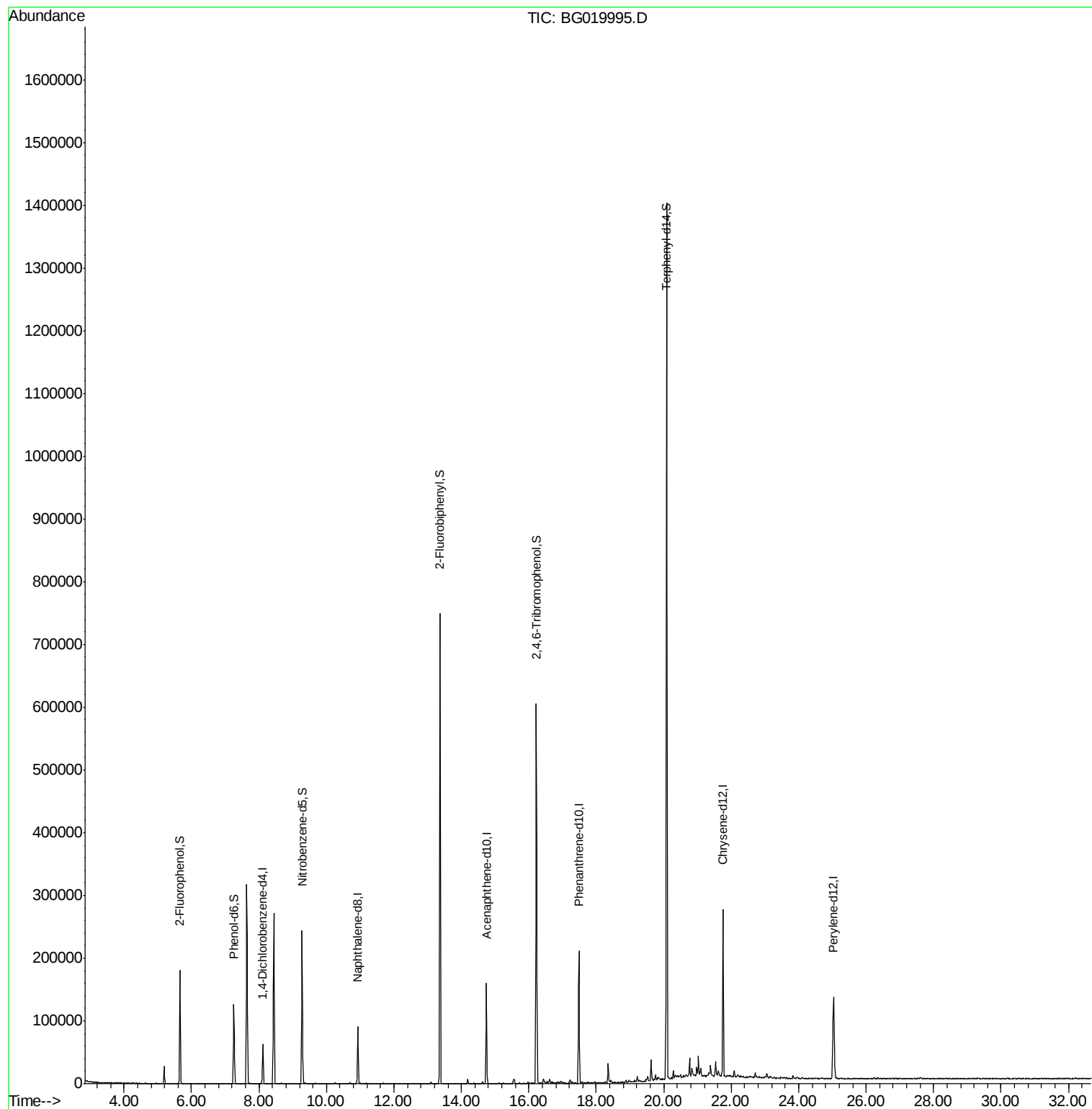
Target Compounds Qvalue

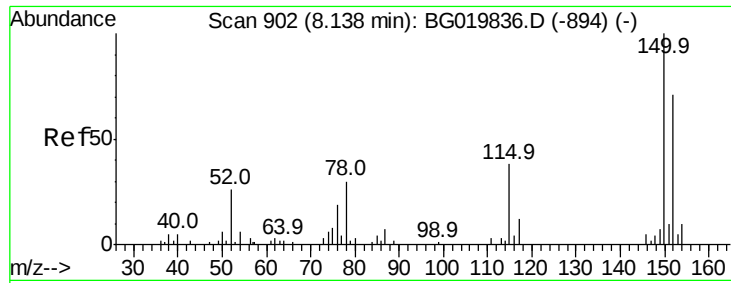
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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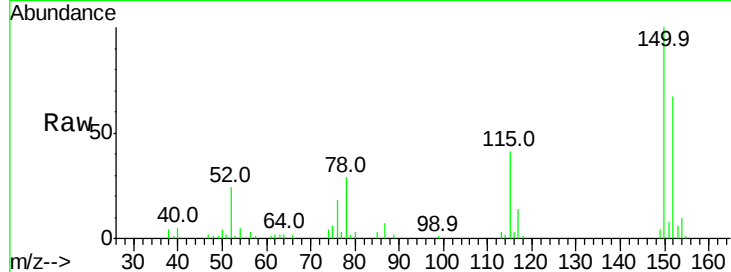


#1

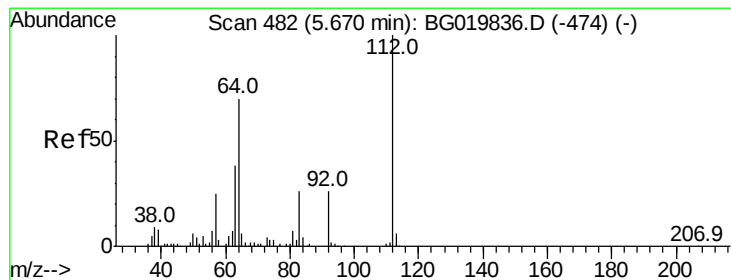
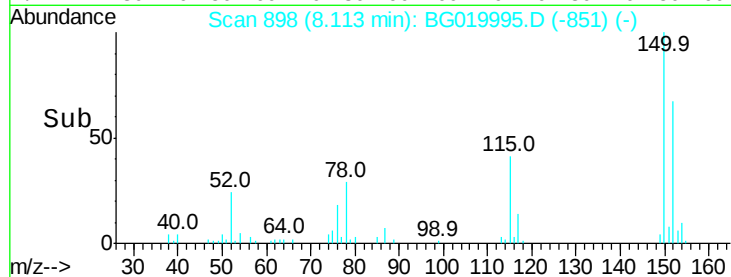
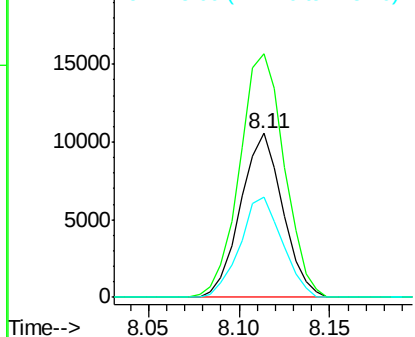
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 898
Delta R.T. -0.02 min
Lab File: BG019995.D
Acq: 8 Dec 2015 00:07

Instrument :
BNA_G
ClientSampleId :
MW-20

Tot Ion:152 Resp: 17068
Ion Ratio Lower Upper
152 100
150 148.6 115.0 172.4
115 61.5 43.9 65.9



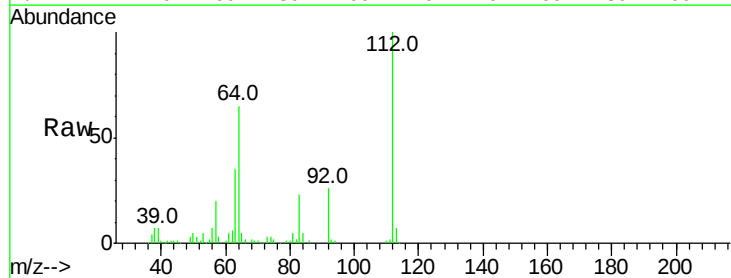
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



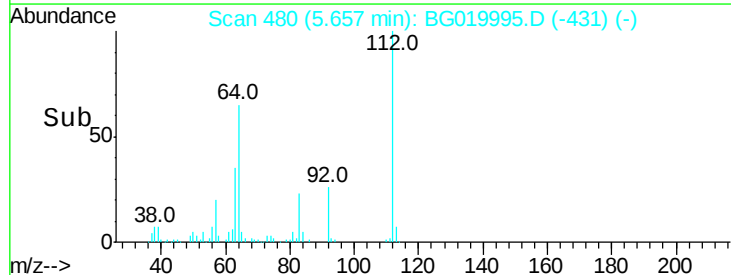
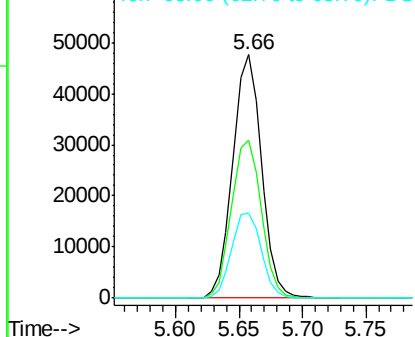
#5

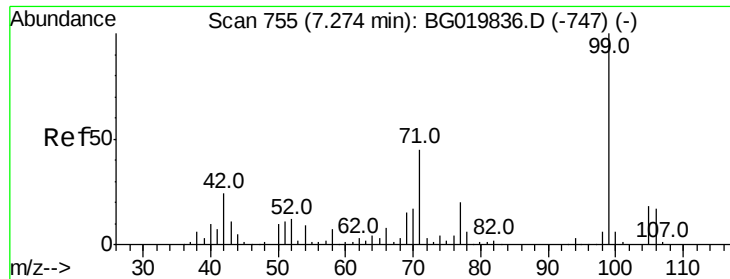
2-Fluorophenol
Concen: 79.29 ng
RT: 5.66 min Scan# 480
Delta R.T. -0.01 min
Lab File: BG019995.D
Acq: 8 Dec 2015 00:07

Tgt Ion:112 Resp: 74882
Ion Ratio Lower Upper
112 100
64 64.7 43.7 65.5
63 35.0 24.0 36.0



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: 49.43 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.02 min

Lab File: BG019995.D

Acq: 8 Dec 2015 00:07

Instrument :

BNA_G

ClientSampleId :

MW-20

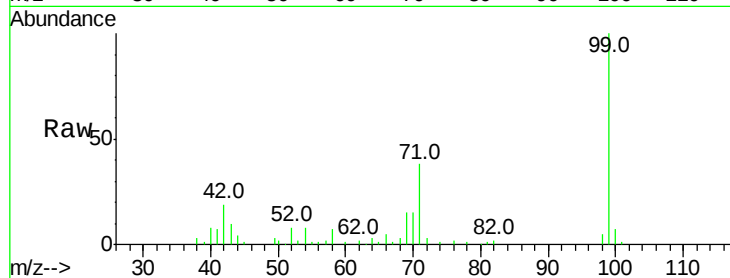
Tot Ion: 99 Resp: 70478

Ion Ratio Lower Upper

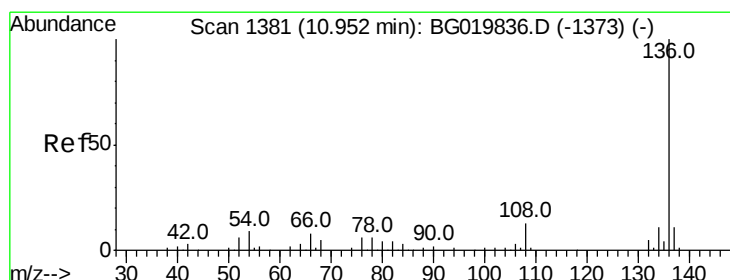
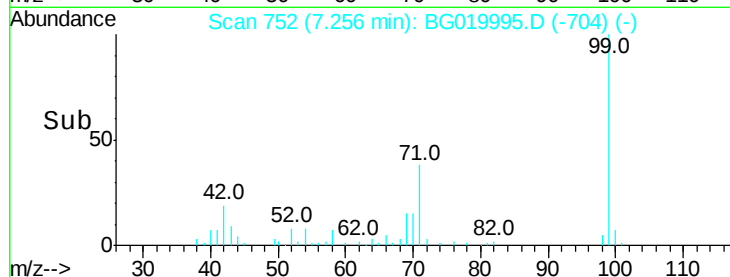
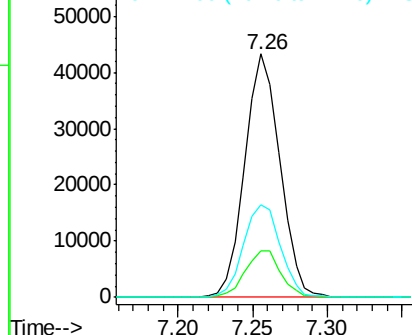
99 100

42 19.1 11.5 17.3#

71 37.9 22.6 34.0#



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: 10.93 min Scan# 1377

Delta R.T. -0.02 min

Lab File: BG019995.D

Acq: 8 Dec 2015 00:07

Tgt Ion: 136 Resp: 76584

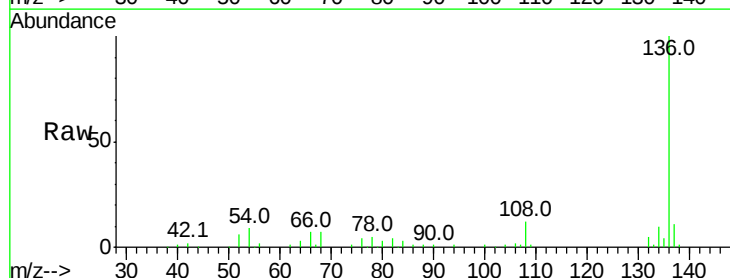
Ion Ratio Lower Upper

136 100

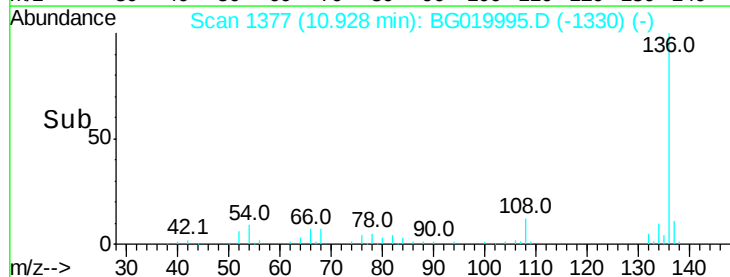
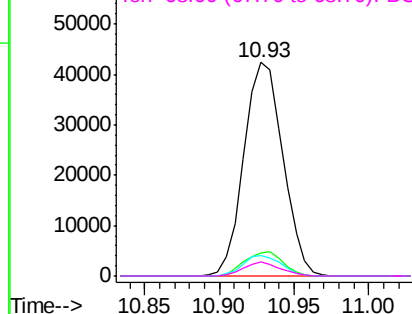
137 10.9 8.6 12.8

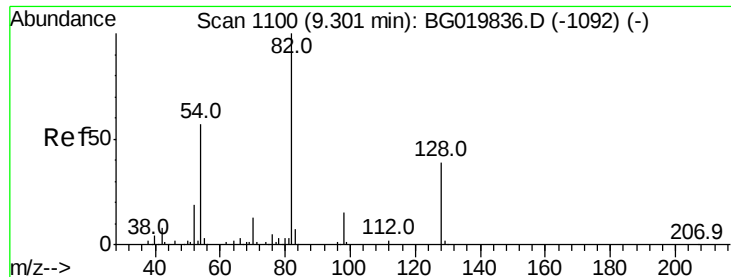
54 9.4 5.4 8.2#

68 6.5 5.3 7.9



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

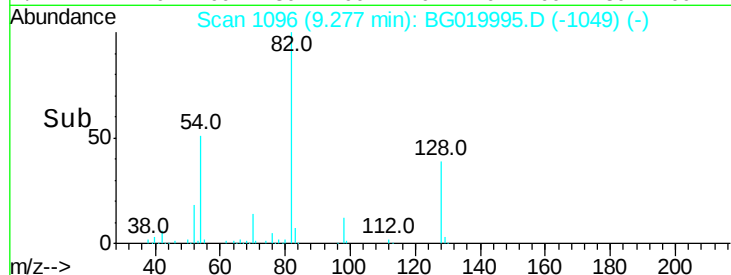
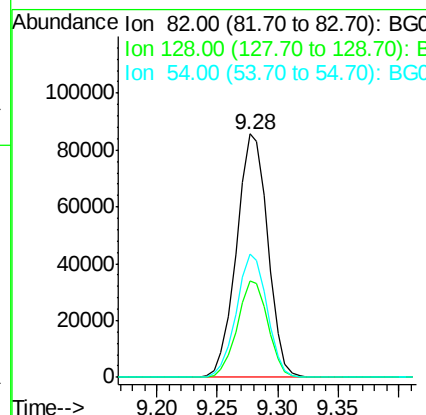
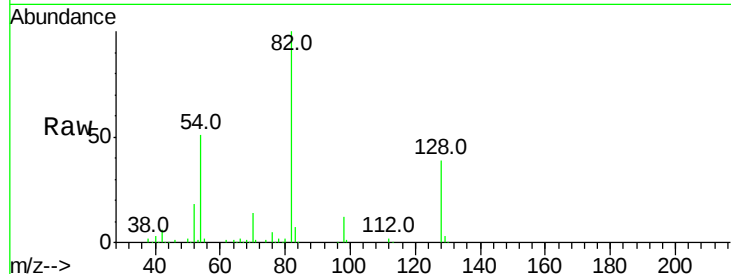




#23
 Nitrobenzene-d5
 Concen: 102.95 ng
 RT: 9.28 min Scan# 1096
 Delta R.T. -0.02 min
 Lab File: BG019995.D
 Acq: 8 Dec 2015 00:07

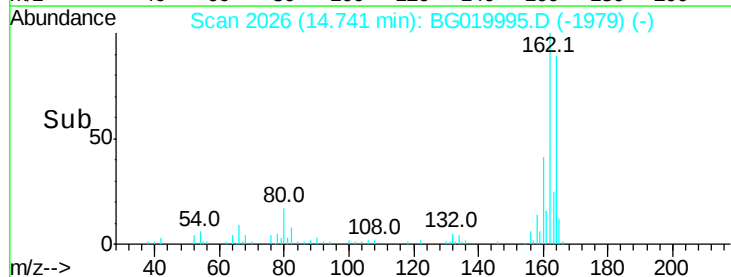
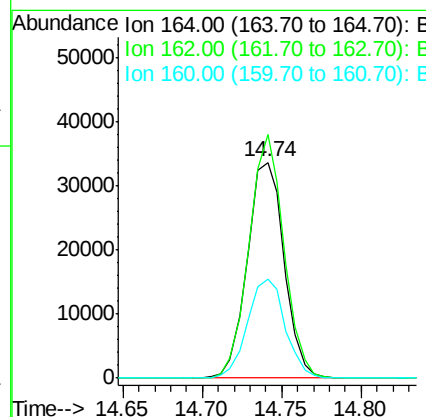
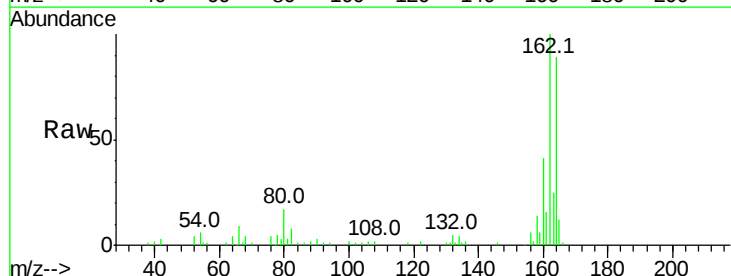
Instrument :
 BNA_G
 ClientSampled :
 MW-20

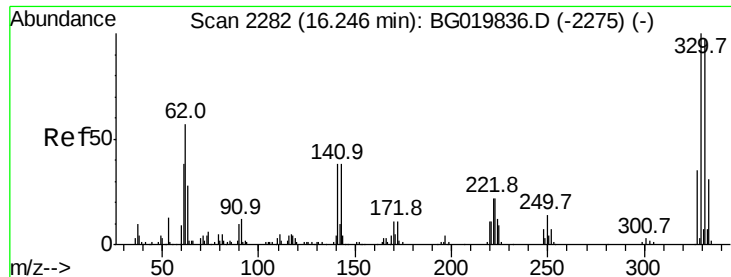
Tot Ion: 82 Resp: 154482
 Ion Ratio Lower Upper
 82 100
 128 39.5 36.7 55.1
 54 50.6 33.8 50.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 2026
 Delta R.T. -0.02 min
 Lab File: BG019995.D
 Acq: 8 Dec 2015 00:07

Tgt Ion: 164 Resp: 54320
 Ion Ratio Lower Upper
 164 100
 162 112.8 78.8 118.2
 160 45.7 36.4 54.6

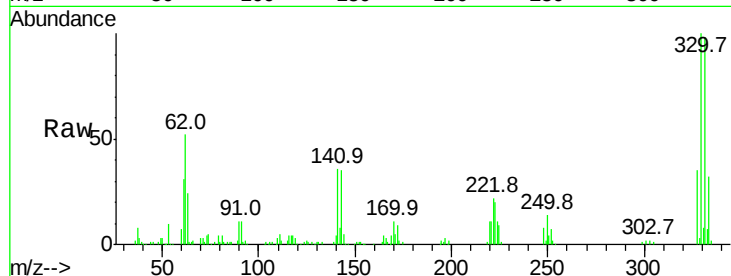




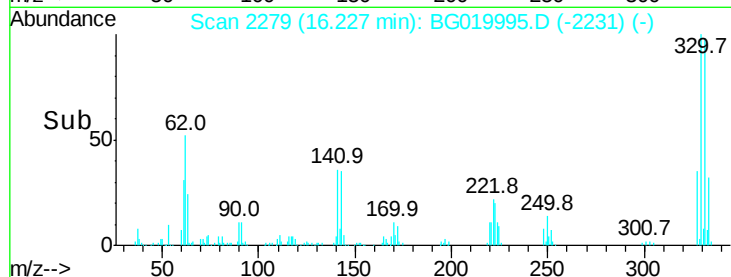
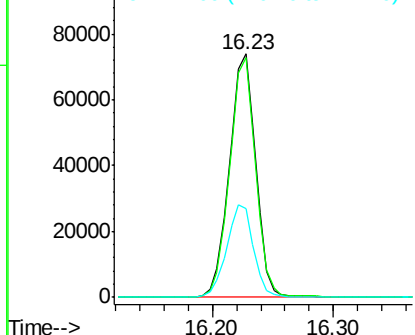
#41
 2,4,6-Tribromophenol
 Concen: 135.71 ng
 RT: 16.23 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BG019995.D
 Acq: 8 Dec 2015 00:07

Instrument :
 BNA_G
 ClientSampleId :
 MW-20

Tot Ion:330 Resp: 112790
 Ion Ratio Lower Upper
 330 100
 332 96.9 78.1 117.1
 141 38.3 28.2 42.2

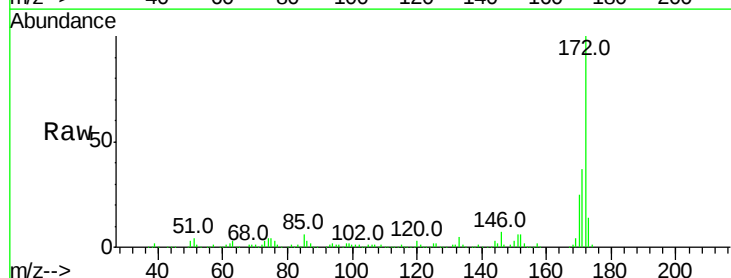


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

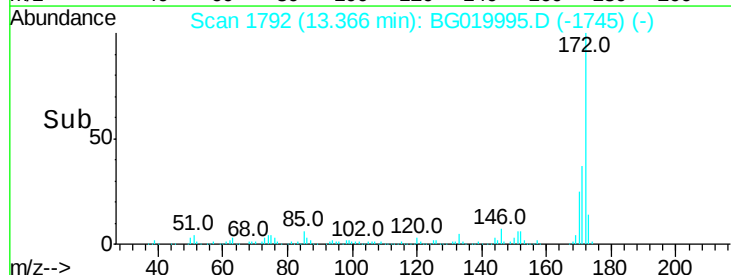
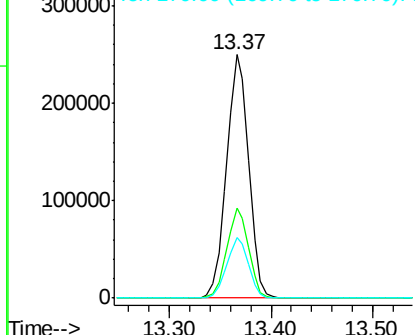


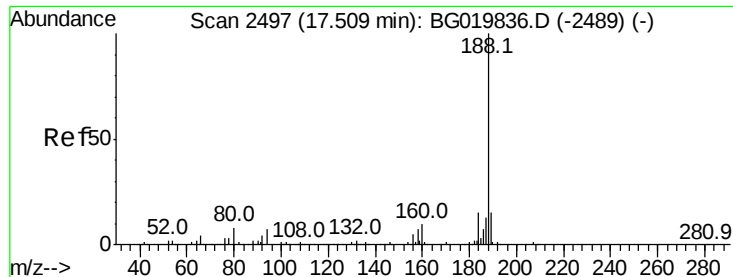
#44
 2-Fluorobiphenyl
 Concen: 94.66 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.02 min
 Lab File: BG019995.D
 Acq: 8 Dec 2015 00:07

Tgt Ion:172 Resp: 376593
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.0 43.6
 170 24.9 19.9 29.9



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

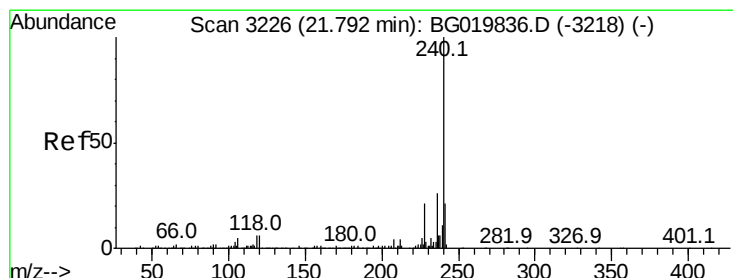
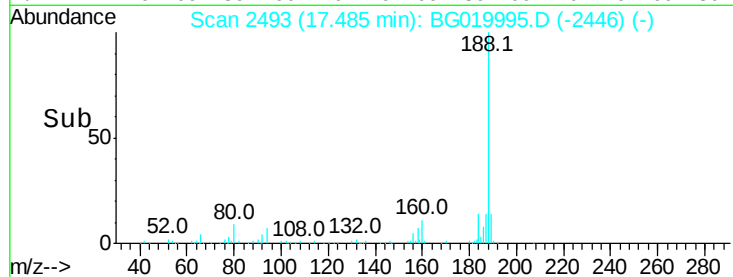
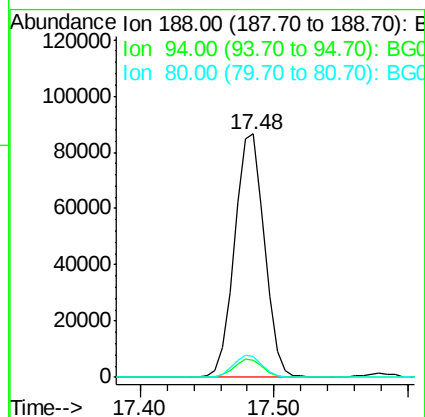
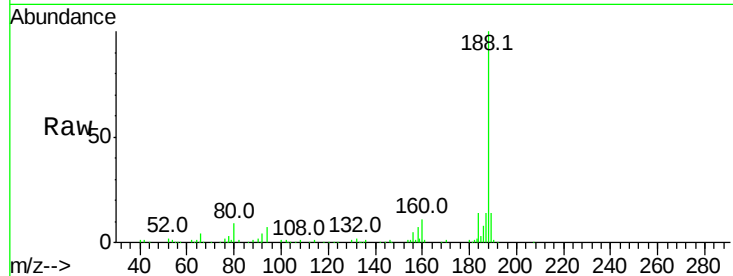




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2493
Delta R.T. -0.02 min
Lab File: BG019995.D
Acq: 8 Dec 2015 00:07

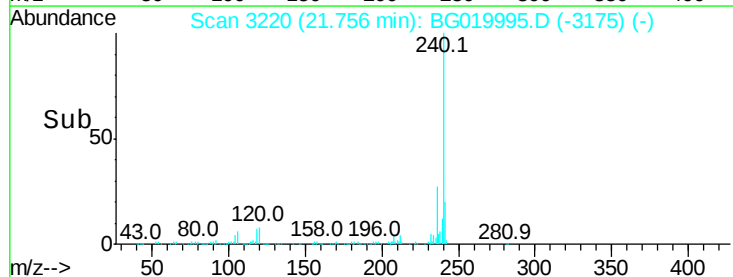
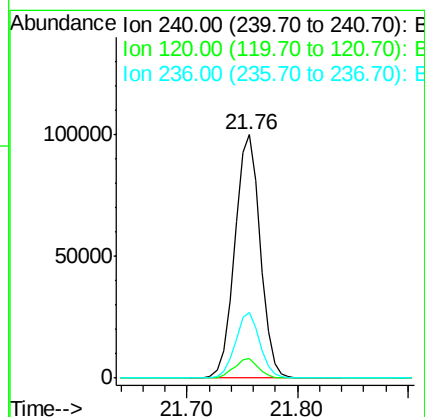
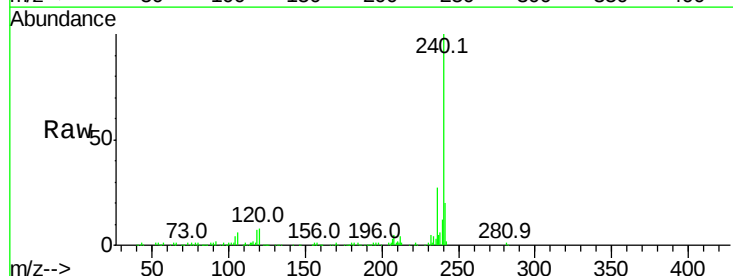
Instrument :
BNA_G
ClientSampleId :
MW-20

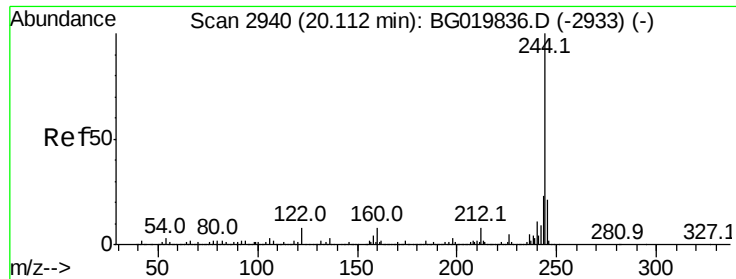
Tot Ion:188 Resp: 134340
Ion Ratio Lower Upper
188 100
94 7.2 7.7 11.5#
80 8.7 7.8 11.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3220
Delta R.T. -0.04 min
Lab File: BG019995.D
Acq: 8 Dec 2015 00:07

Tgt Ion:240 Resp: 161300
Ion Ratio Lower Upper
240 100
120 8.1 7.4 11.0
236 26.8 20.7 31.1

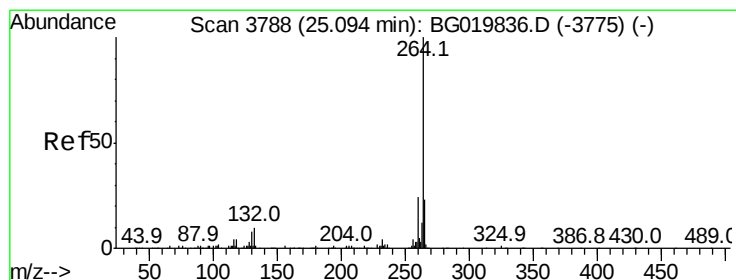
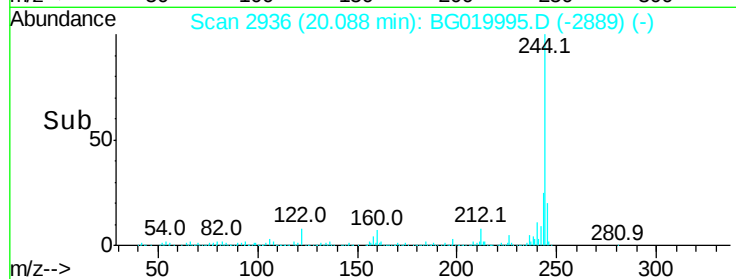
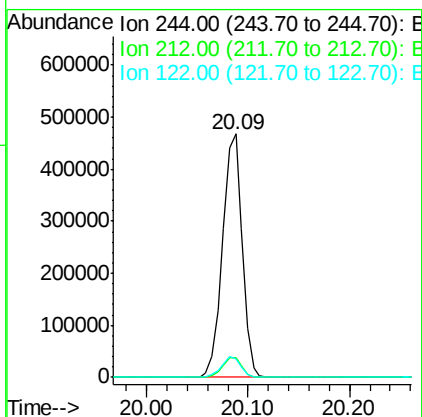
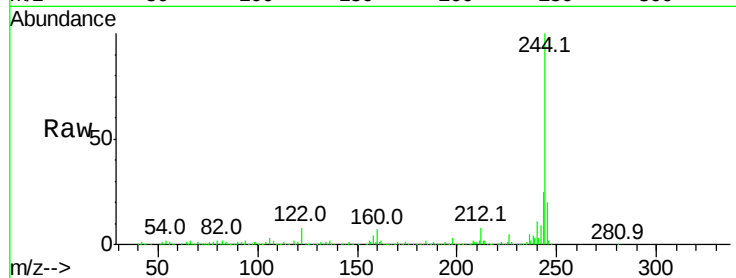




#78
 Terphenyl-d14
 Concen: 95.02 ng
 RT: 20.09 min Scan# 2936
 Delta R.T. -0.02 min
 Lab File: BG019995.D
 Acq: 8 Dec 2015 00:07

Instrument :
 BNA_G
 ClientSampleId :
 MW-20

Tot Ion:244 Resp: 628344
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.9 10.3
 122 7.7 10.2 15.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.03 min Scan# 3778
 Delta R.T. -0.06 min
 Lab File: BG019995.D
 Acq: 8 Dec 2015 00:07

Tgt Ion:264 Resp: 150788
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.5 27.7
 265 21.3 17.2 25.8

