

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120515\
 Data File : BG019953.D
 Acq On : 5 Dec 2015 22:09
 Operator : UM/NP
 Sample : G4630-12
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-25

Quant Time: Dec 07 01:21:07 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	30382	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	132225	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	95968	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	237445	20.00	ng	-0.02
75) Chrysene-d12	21.75	240	289776	20.00	ng	-0.04
86) Perylene-d12	25.04	264	275023	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	102893	61.21	ng	-0.01
7) Phenol-d6	7.26	99	94352	37.17	ng	-0.02
23) Nitrobenzene-d5	9.28	82	244704	94.45	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	195210	132.94	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	612298	87.12	ng	-0.02
78) Terphenyl-d14	20.09	244	1063910	89.55	ng	-0.02

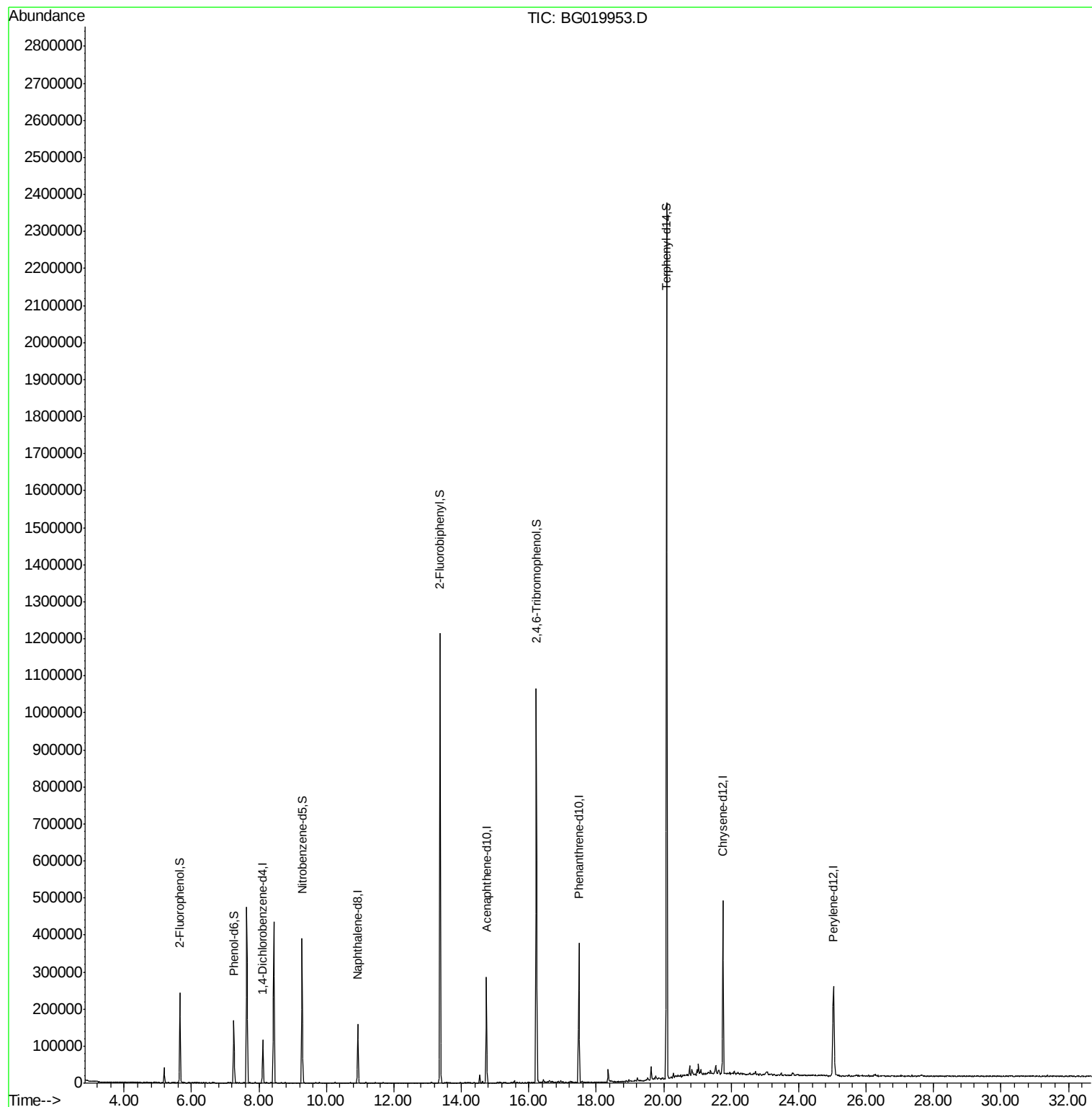
Target Compounds	Qvalue
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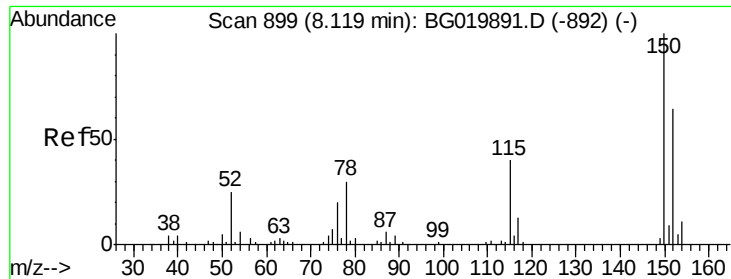
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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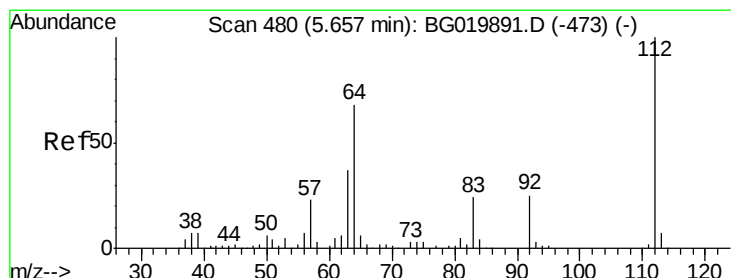
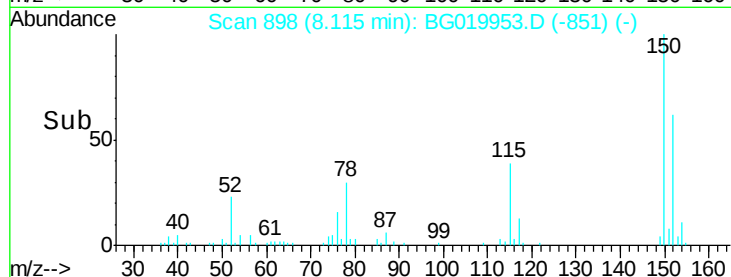
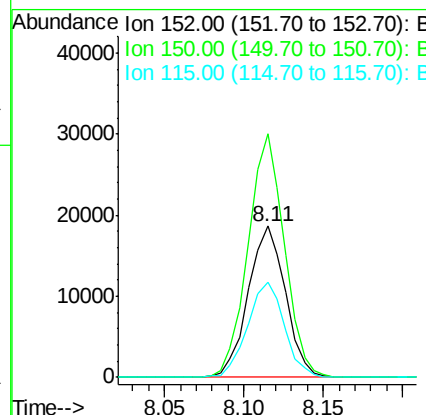
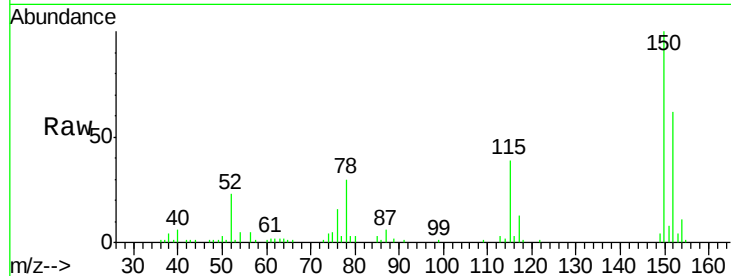




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.11 min Scan# 898
 Delta R.T. -0.02 min
 Lab File: BG019953.D
 Acq: 5 Dec 2015 22:09

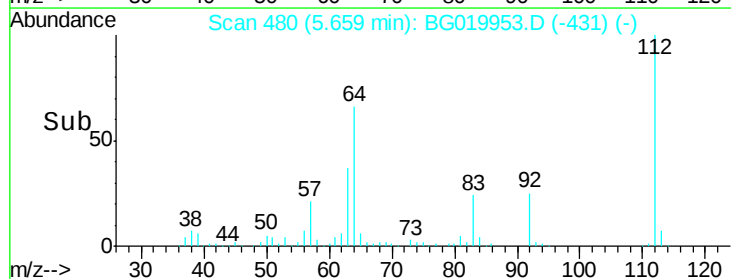
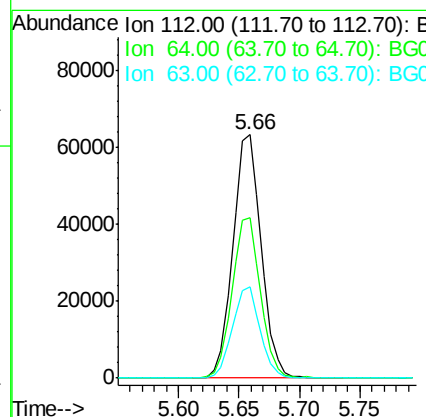
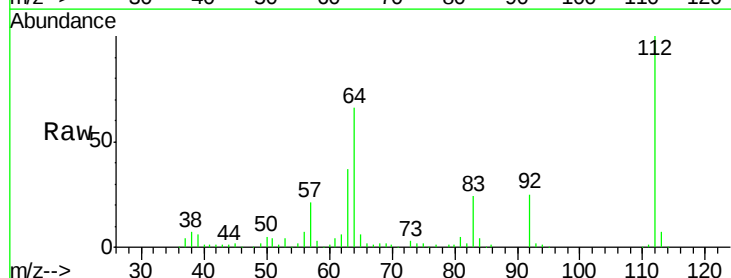
Instrument :
 BNA_G
 ClientSampleId :
 MW-25

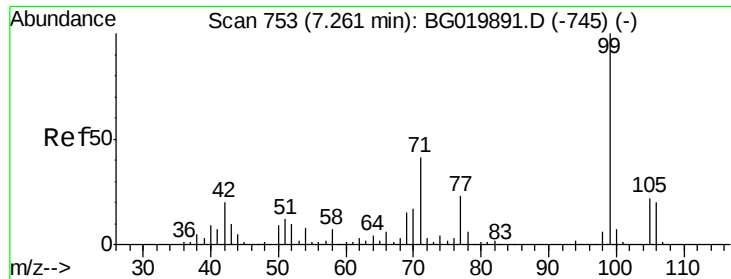
Tgt Ion:152 Resp: 30382
 Ion Ratio Lower Upper
 152 100
 150 161.3 115.0 172.4
 115 63.1 43.9 65.9



#5
 2-Fluorophenol
 Concen: 61.21 ng
 RT: 5.66 min Scan# 480
 Delta R.T. -0.01 min
 Lab File: BG019953.D
 Acq: 5 Dec 2015 22:09

Tgt Ion:112 Resp: 102893
 Ion Ratio Lower Upper
 112 100
 64 66.1 43.7 65.5#
 63 37.4 24.0 36.0#





#7

Phenol-d6

Concen: 37.17 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.02 min

Lab File: BG019953.D

Acq: 5 Dec 2015 22:09

Instrument :

BNA_G

ClientSampleId :

MW-25

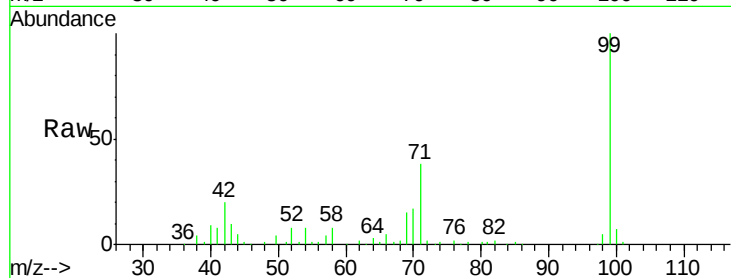
Tgt Ion: 99 Resp: 94352

Ion Ratio Lower Upper

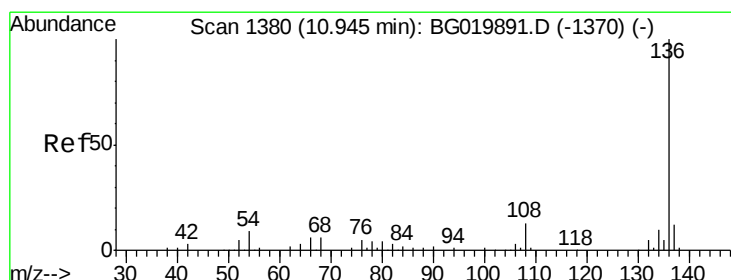
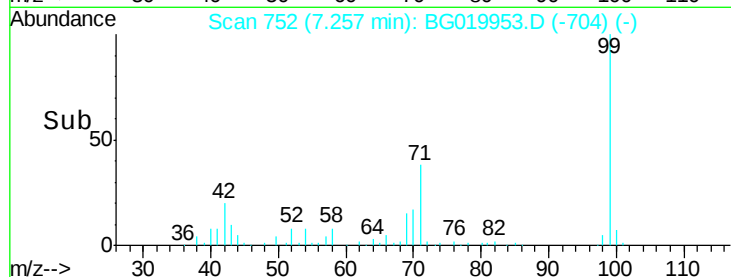
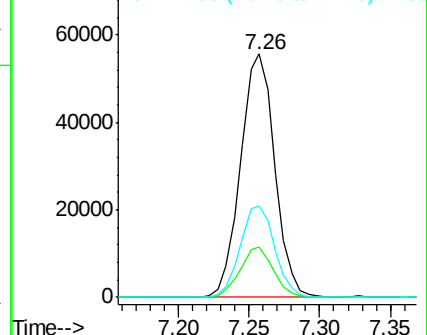
99 100

42 20.4 11.5 17.3#

71 37.6 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: BG019953.D

Acq: 5 Dec 2015 22:09

Tgt Ion: 136 Resp: 132225

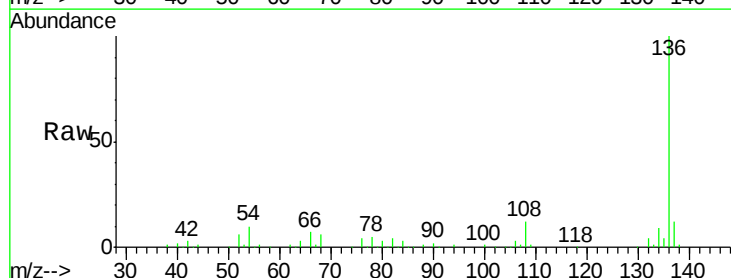
Ion Ratio Lower Upper

136 100

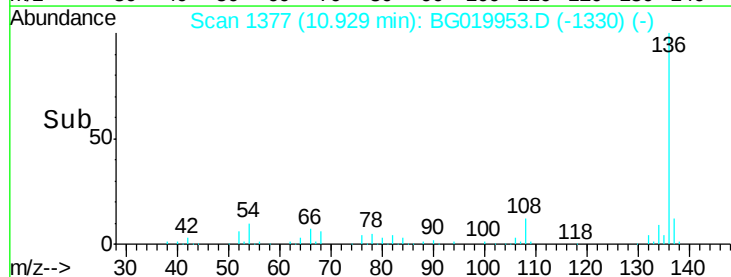
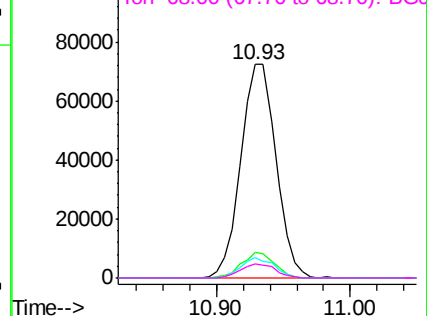
137 11.8 8.6 12.8

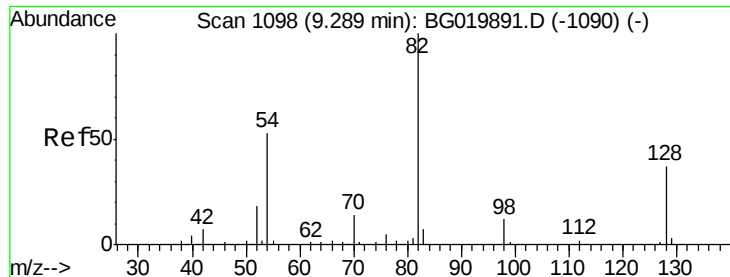
54 9.6 5.4 8.2#

68 6.4 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

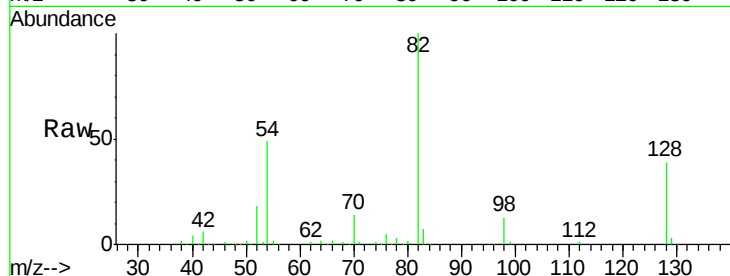




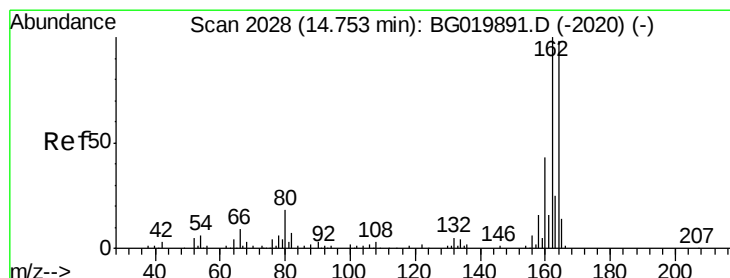
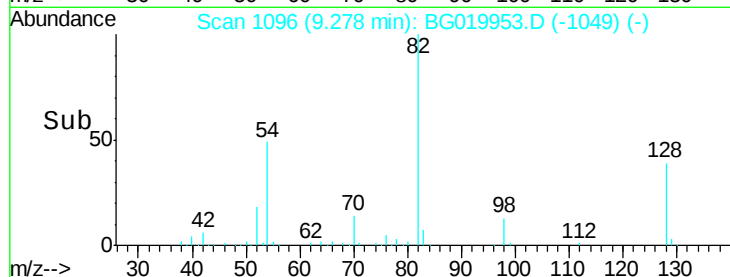
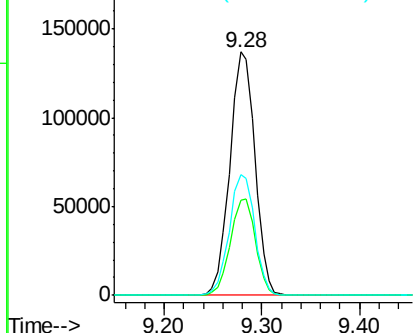
#23
 Nitrobenzene-d5
 Concen: 94.45 ng
 RT: 9.28 min Scan# 1096
 Delta R.T. -0.02 min
 Lab File: BG019953.D
 Acq: 5 Dec 2015 22:09

Instrument :
 BNA_G
 ClientSampleId :
 MW-25

Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.8	36.7	55.1
54	49.4	33.8	50.8

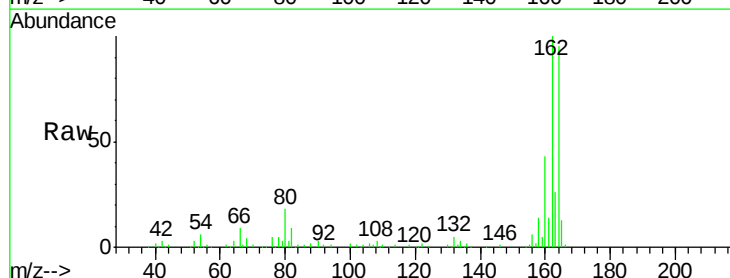


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

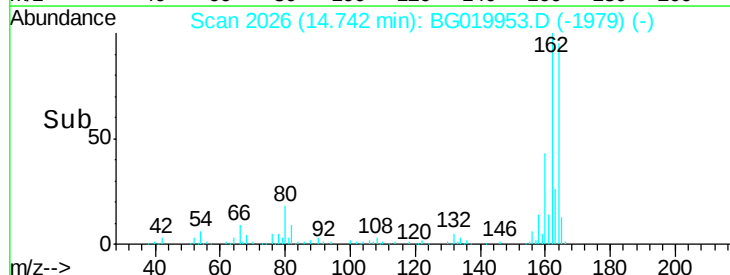
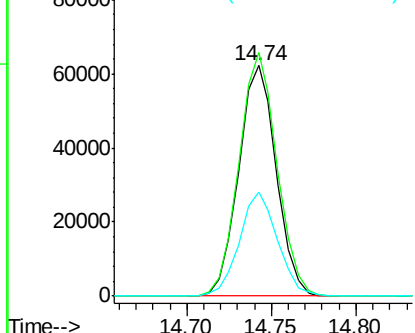


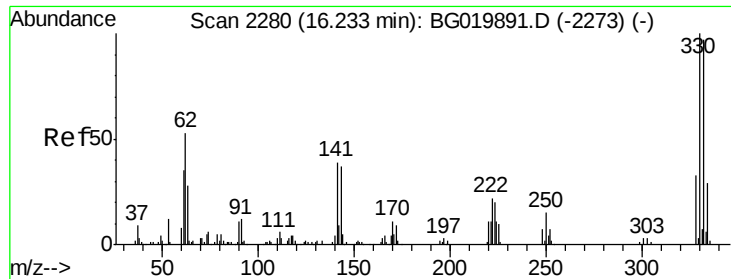
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 2026
 Delta R.T. -0.02 min
 Lab File: BG019953.D
 Acq: 5 Dec 2015 22:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.7	78.8	118.2
160	45.4	36.4	54.6



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

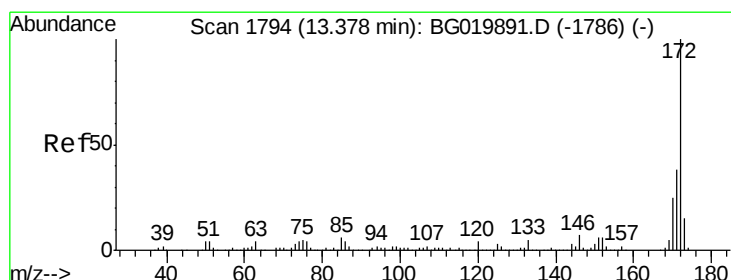
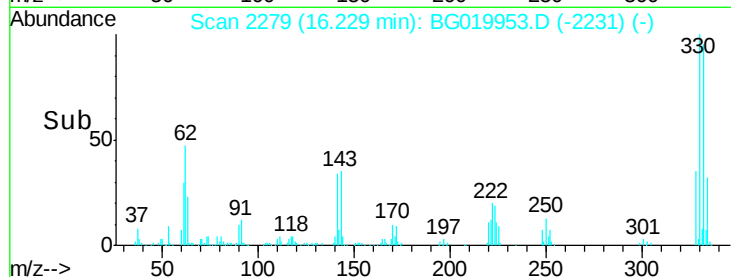
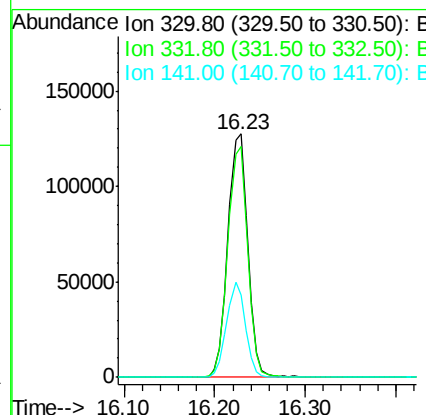
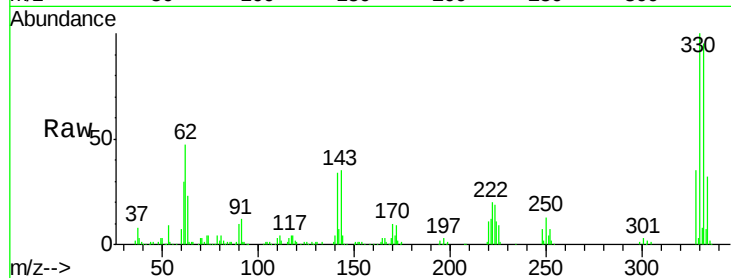




#41
 2,4,6-Tribromophenol
 Concen: 132.94 ng
 RT: 16.23 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BG019953.D
 Acq: 5 Dec 2015 22:09

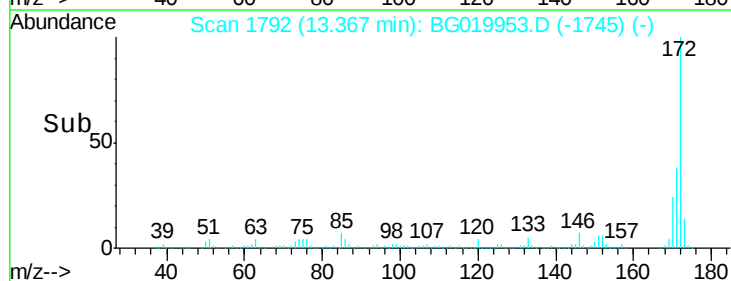
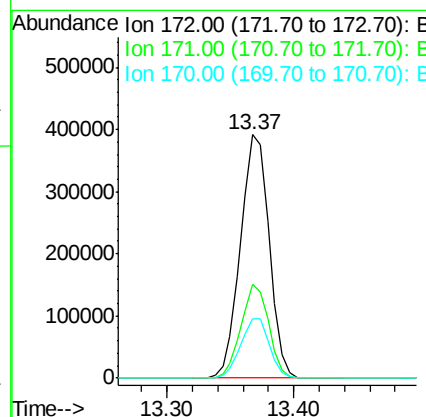
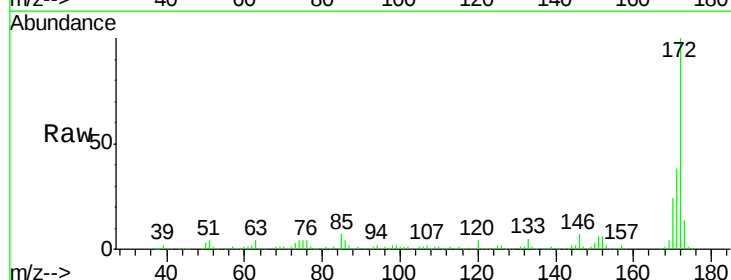
Instrument :
 BNA_G
 ClientSampleId :
 MW-25

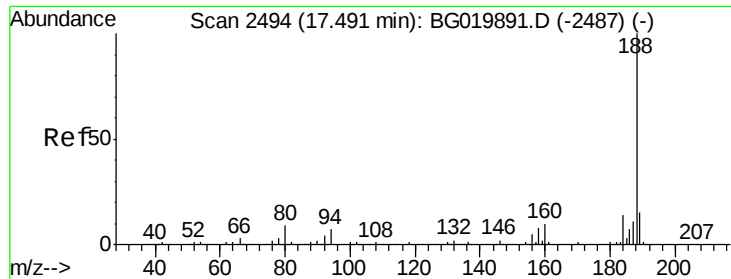
Tgt Ion:330 Resp: 195210
 Ion Ratio Lower Upper
 330 100
 332 94.7 78.1 117.1
 141 37.1 28.2 42.2



#44
 2-Fluorobiphenyl
 Concen: 87.12 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.02 min
 Lab File: BG019953.D
 Acq: 5 Dec 2015 22:09

Tgt Ion:172 Resp: 612298
 Ion Ratio Lower Upper
 172 100
 171 38.3 29.0 43.6
 170 24.4 19.9 29.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.49 min Scan# 2493

Delta R.T. -0.02 min

Lab File: BG019953.D

Acq: 5 Dec 2015 22:09

Instrument :

BNA_G

ClientSampleId :

MW-25

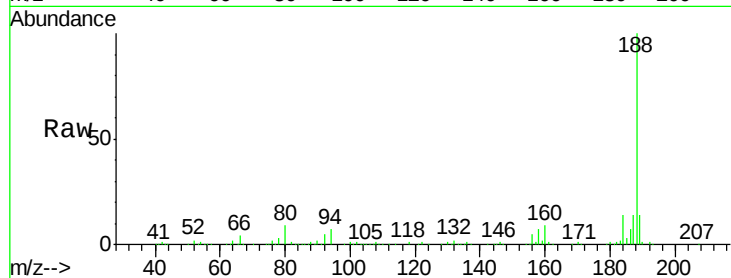
Tgt Ion:188 Resp: 237445

Ion Ratio Lower Upper

188 100

94 7.0 7.7 11.5#

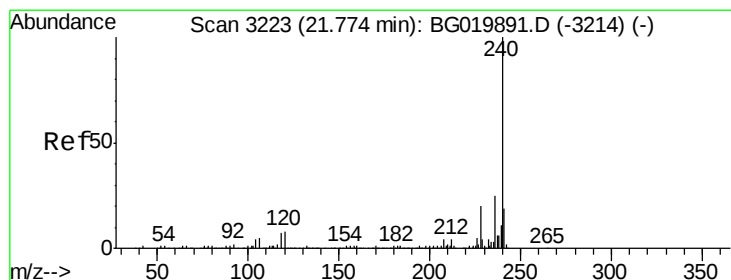
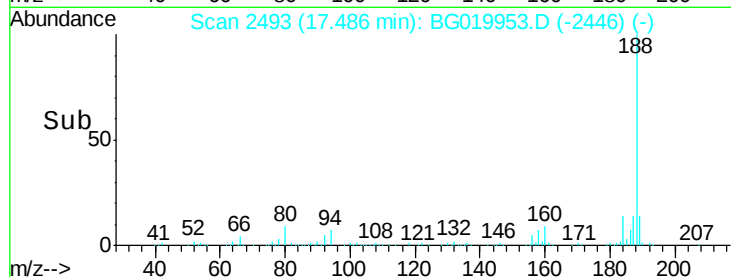
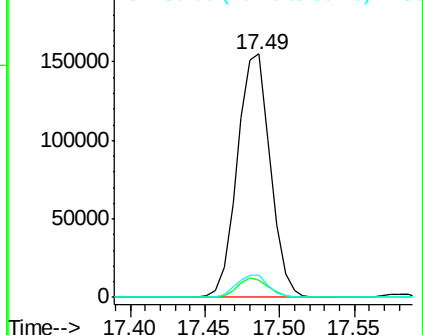
80 8.9 7.8 11.8



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: 21.75 min Scan# 3219

Delta R.T. -0.04 min

Lab File: BG019953.D

Acq: 5 Dec 2015 22:09

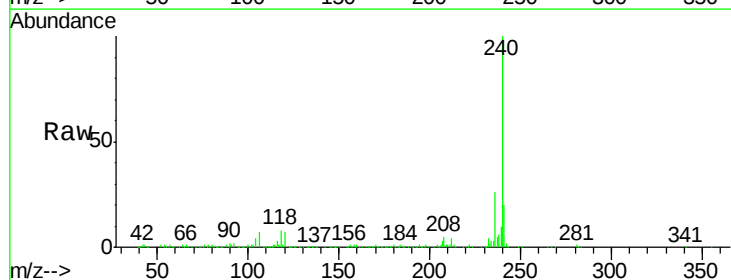
Tgt Ion:240 Resp: 289776

Ion Ratio Lower Upper

240 100

120 7.4 7.4 11.0

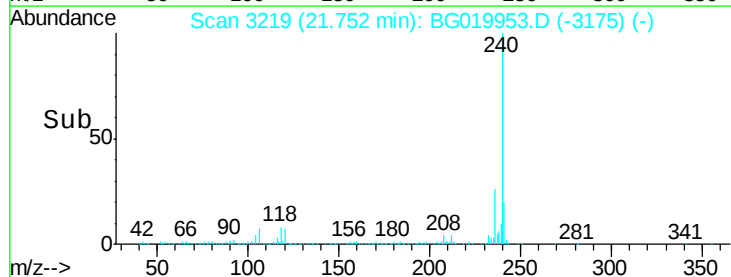
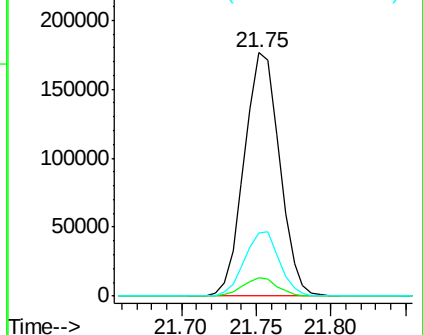
236 26.1 20.7 31.1

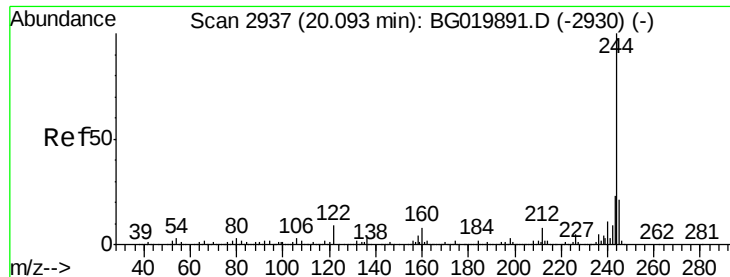


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 89.55 ng

RT: 20.09 min Scan# 2936

Delta R.T. -0.02 min

Lab File: BG019953.D

Acq: 5 Dec 2015 22:09

Instrument :

BNA_G

ClientSampled :

MW-25

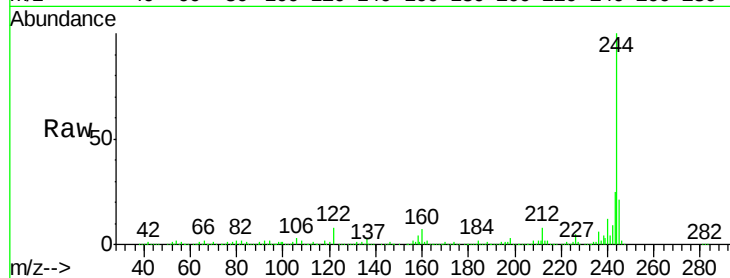
Tgt Ion:244 Resp: 1063910

Ion Ratio Lower Upper

244 100

212 8.3 6.9 10.3

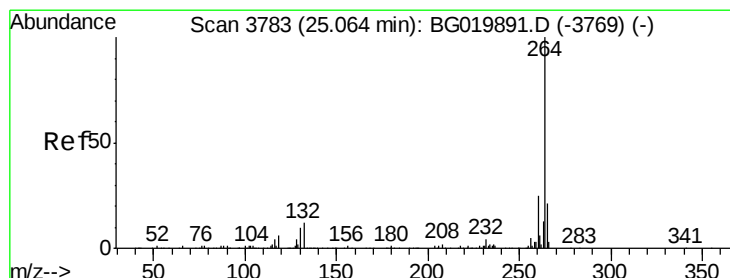
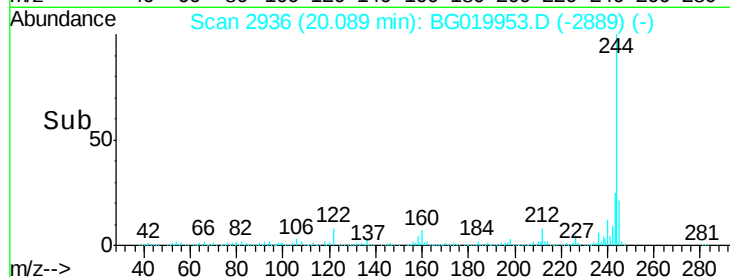
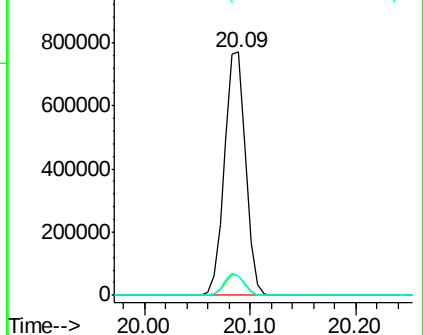
122 7.8 10.2 15.2#



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: 25.04 min Scan# 3778

Delta R.T. -0.06 min

Lab File: BG019953.D

Acq: 5 Dec 2015 22:09

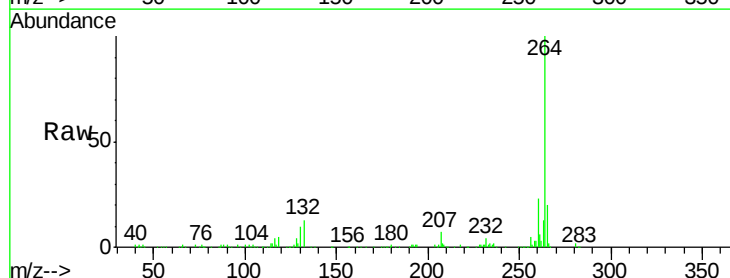
Tgt Ion:264 Resp: 275023

Ion Ratio Lower Upper

264 100

260 22.8 18.5 27.7

265 20.4 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

