

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
 Data File : BG019916.D
 Acq On : 4 Dec 2015 22:22
 Operator : UM/NP
 Sample : G4630-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-37

Quant Time: Dec 05 00:57:20 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	8.12	152	33240	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	140291	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	99367	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	220503	20.00	ng	-0.01
75) Chrysene-d12	21.76	240	280609	20.00	ng	-0.03
86) Perylene-d12	25.05	264	267826	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	113403	61.66	ng	-0.01
7) Phenol-d6	7.26	99	106528	38.36	ng	-0.01
23) Nitrobenzene-d5	9.28	82	260990	94.94	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	193376	127.19	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	597549	82.11	ng	-0.01
78) Terphenyl-d14	20.09	244	850392	73.92	ng	-0.02

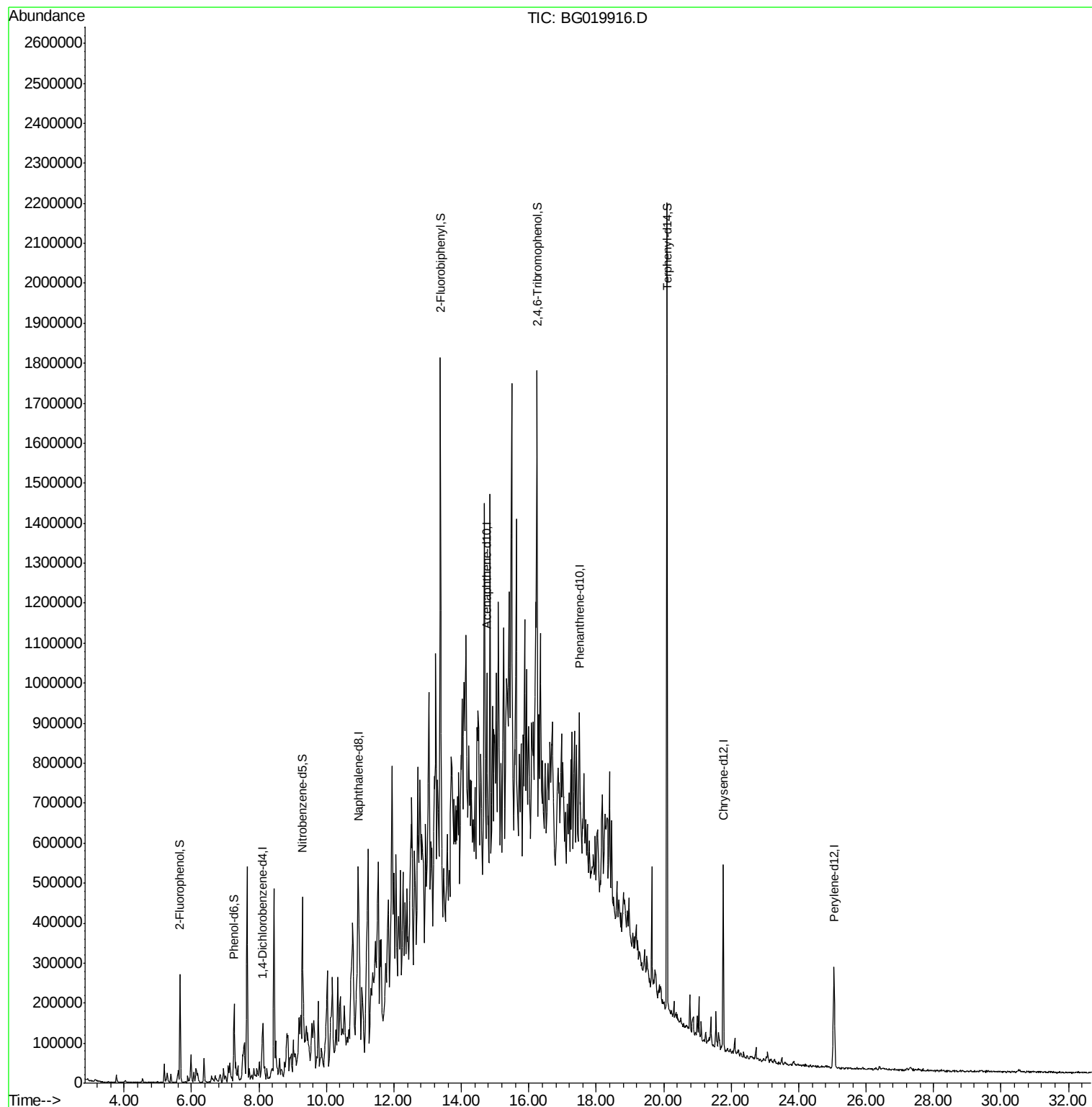
Target Compounds Qvalue

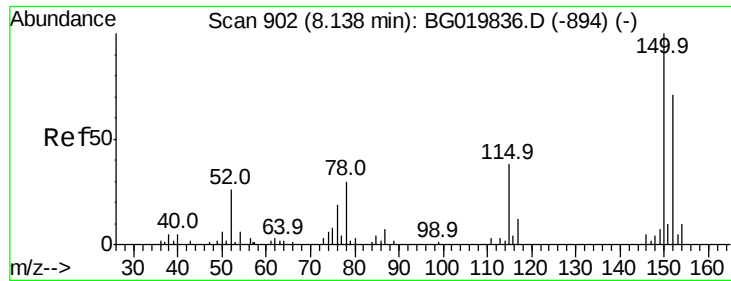
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 899

Delta R.T. -0.02 min

Lab File: BG019916.D

Acq: 4 Dec 2015 22:22

Instrument :

BNA_G

ClientSampleId :

MW-37

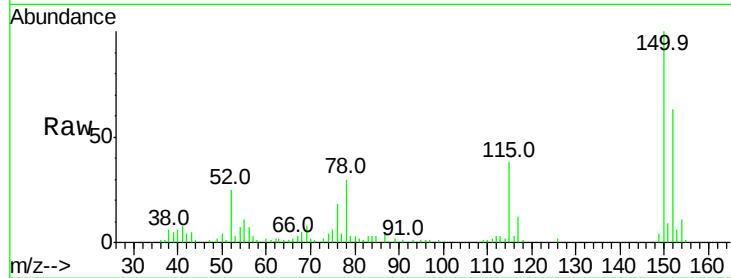
Tot Ion:152 Resp: 33240

Ion Ratio Lower Upper

152 100

150 157.8 115.0 172.4

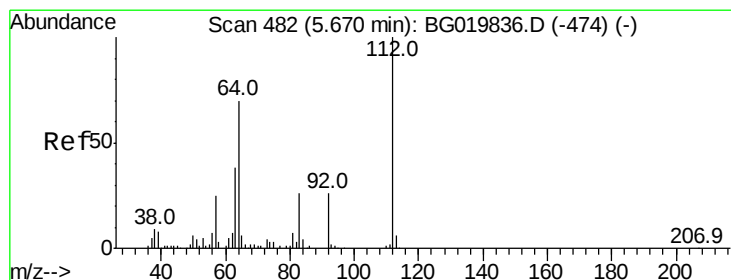
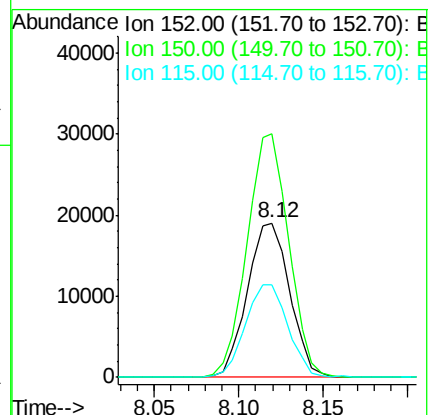
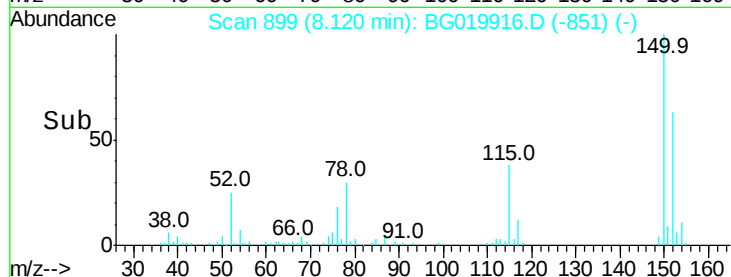
115 60.1 43.9 65.9



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: 61.66 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG019916.D

Acq: 4 Dec 2015 22:22

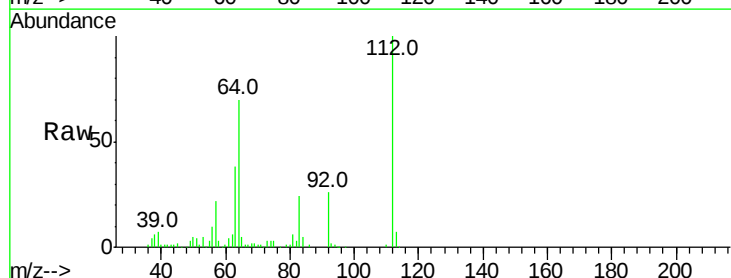
Tgt Ion:112 Resp: 113403

Ion Ratio Lower Upper

112 100

64 69.5 43.7 65.5#

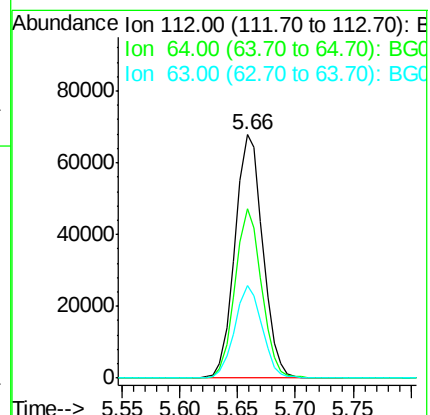
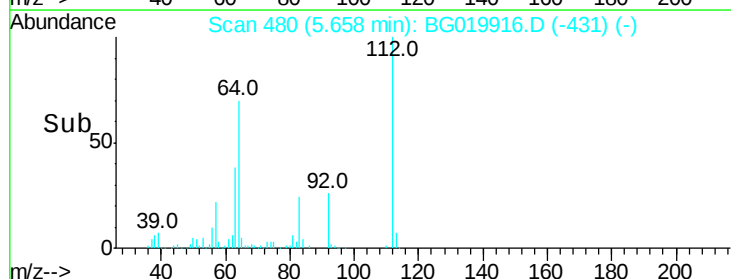
63 38.0 24.0 36.0#

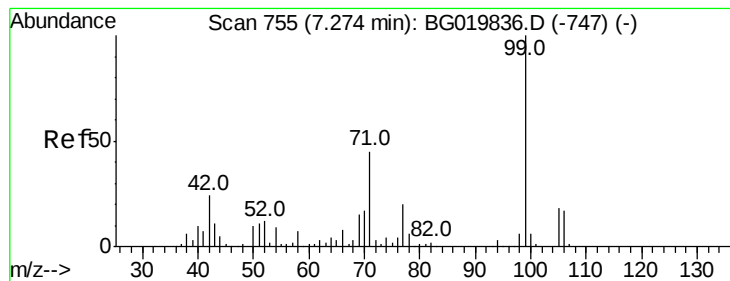


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 38.36 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG019916.D

Acq: 4 Dec 2015 22:22

Instrument :

BNA_G

ClientSampleId :

MW-37

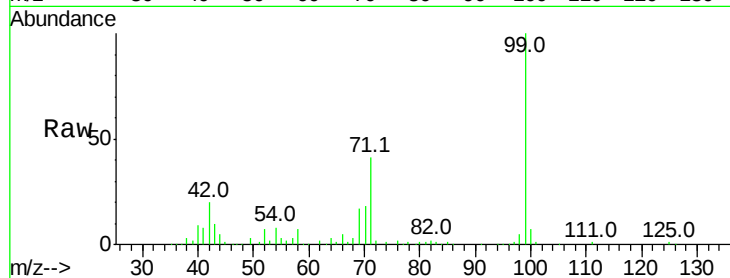
Tot Ion: 99 Resp: 106528

Ion Ratio Lower Upper

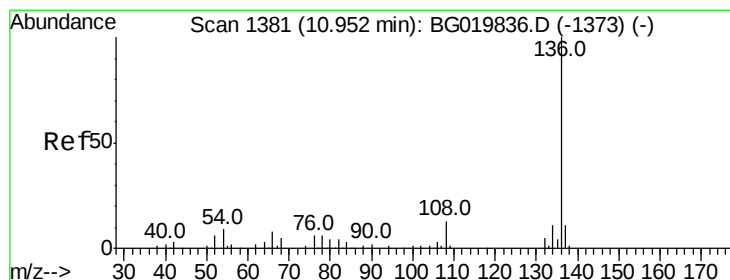
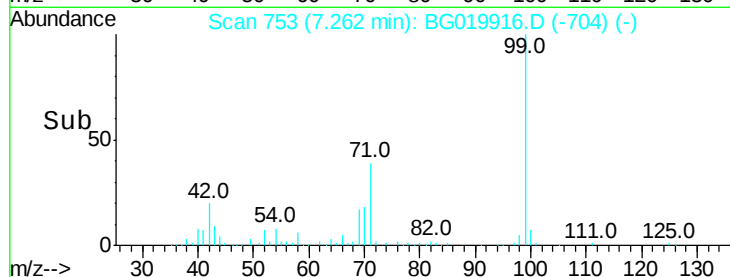
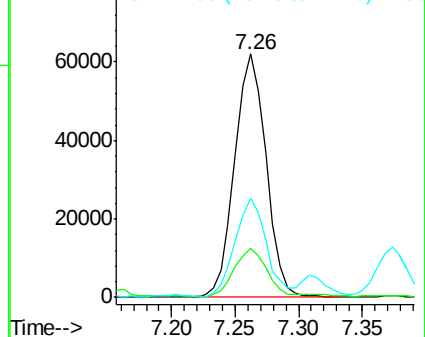
99 100

42 20.1 11.5 17.3#

71 40.7 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# 1378

Delta R.T. -0.02 min

Lab File: BG019916.D

Acq: 4 Dec 2015 22:22

Tgt Ion: 136 Resp: 140291

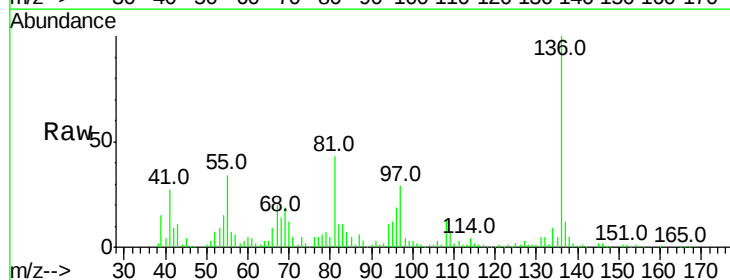
Ion Ratio Lower Upper

136 100

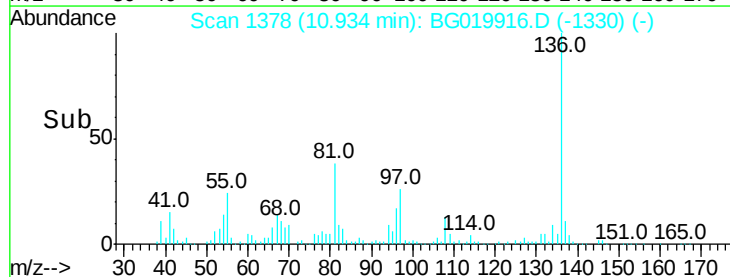
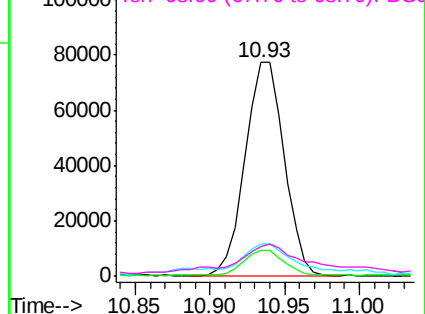
137 11.8 8.6 12.8

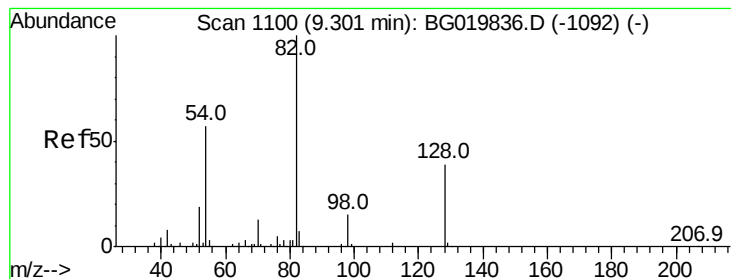
54 15.3 5.4 8.2#

68 13.8 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: 94.94 ng

RT: 9.28 min Scan# 1097

Delta R.T. -0.02 min

Lab File: BG019916.D

Acq: 4 Dec 2015 22:22

Instrument :

BNA_G

ClientSampleId :

MW-37

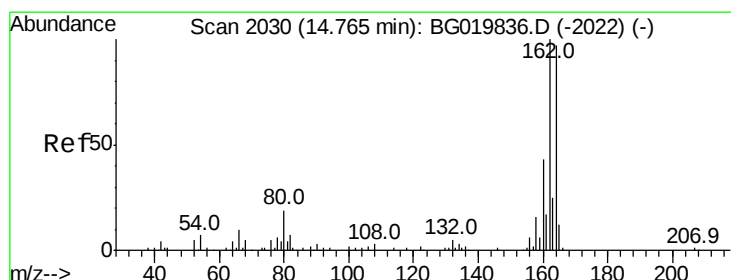
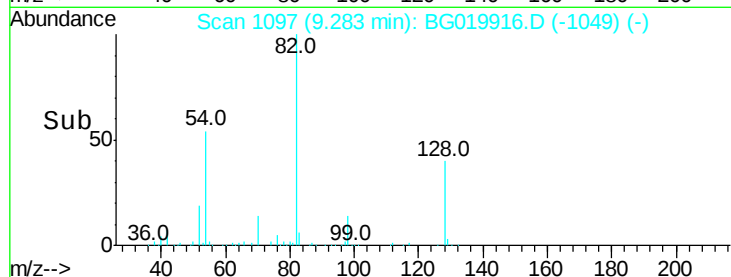
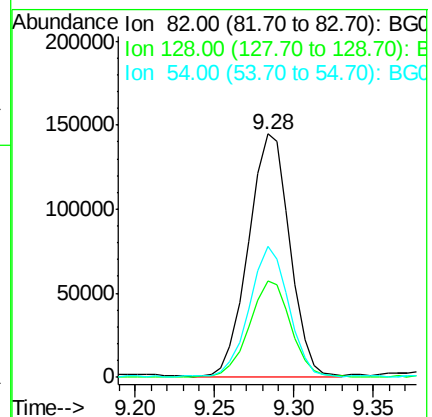
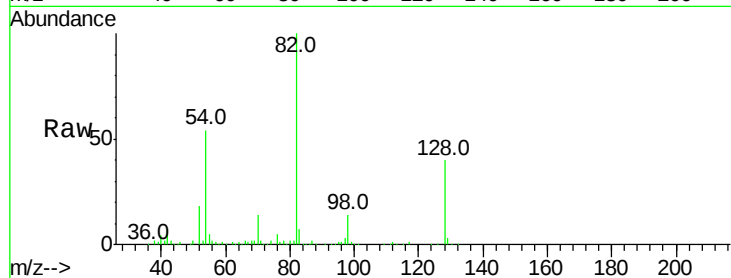
Tot Ion: 82 Resp: 260990

Ion Ratio Lower Upper

82 100

128 39.6 36.7 55.1

54 53.6 33.8 50.8#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.75 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BG019916.D

Acq: 4 Dec 2015 22:22

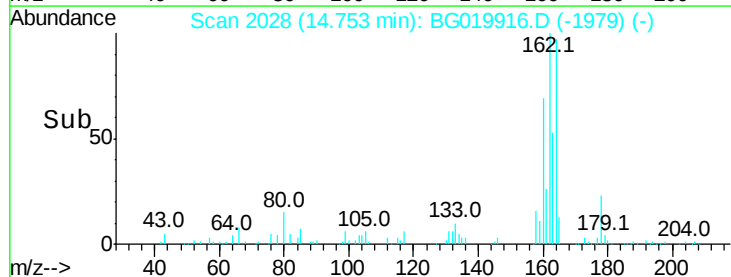
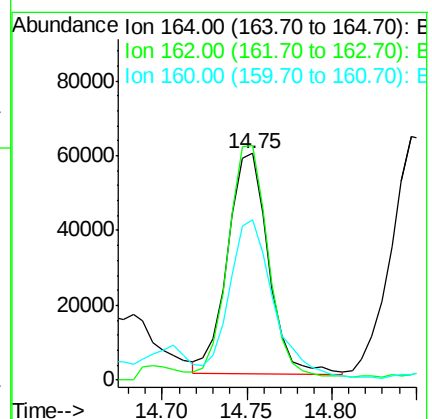
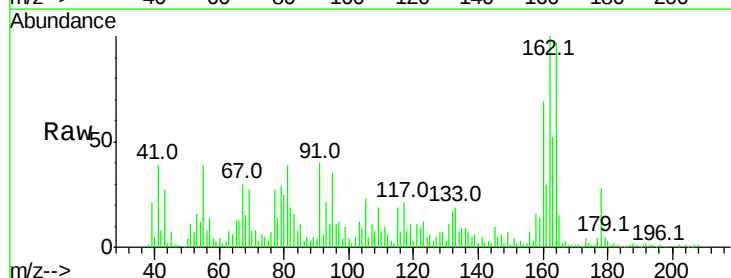
Tgt Ion:164 Resp: 99367

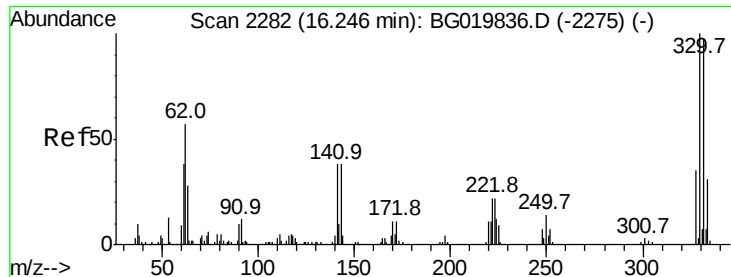
Ion Ratio Lower Upper

164 100

162 103.2 78.8 118.2

160 70.8 36.4 54.6#

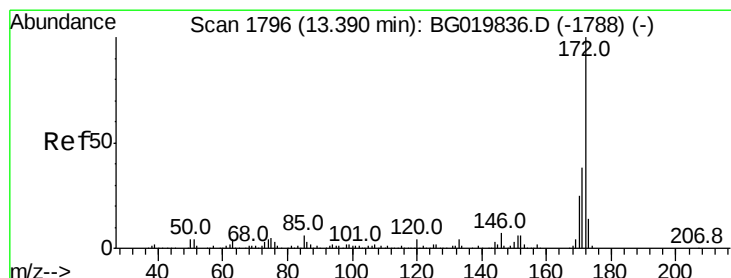
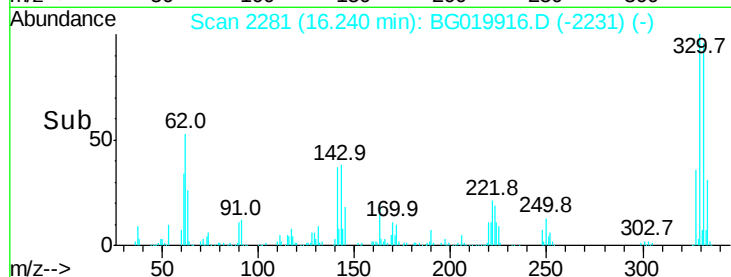
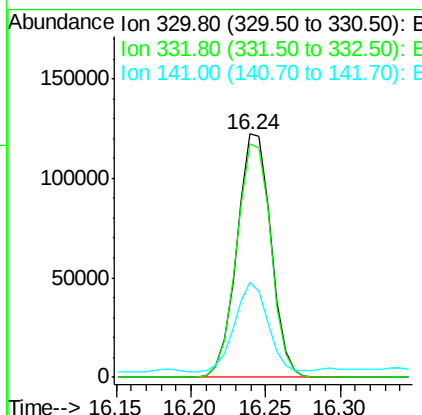
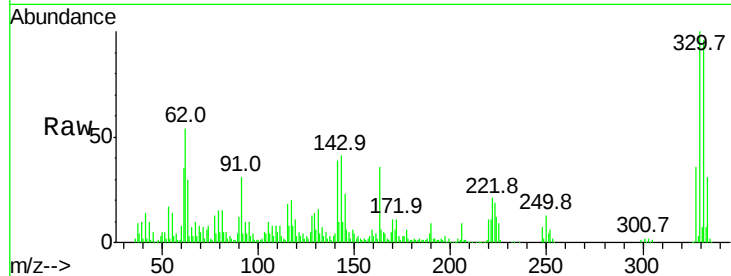




#41
 2,4,6-Tribromophenol
 Concen: 127.19 ng
 RT: 16.24 min Scan# 2281
 Delta R.T. -0.01 min
 Lab File: BG019916.D
 Acq: 4 Dec 2015 22:22

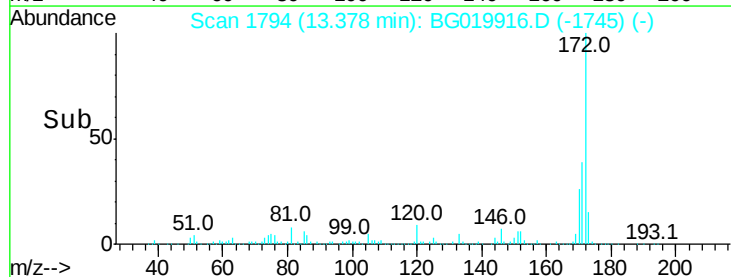
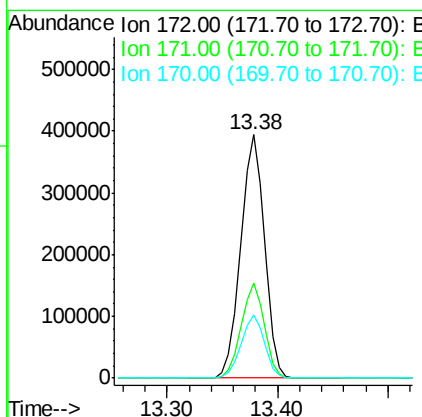
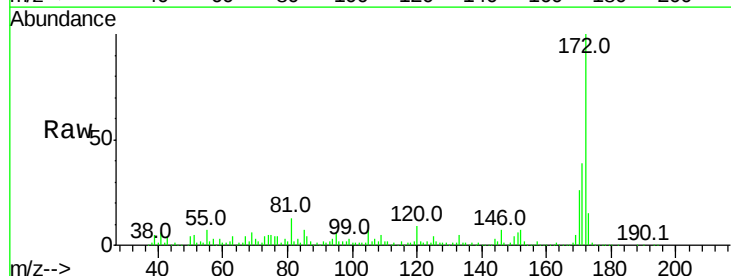
Instrument :
 BNA_G
 ClientSampleId :
 MW-37

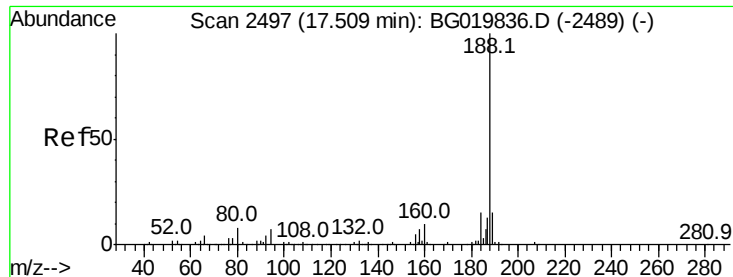
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	78.1	117.1
141	35.7	28.2	42.2



#44
 2-Fluorobiphenyl
 Concen: 82.11 ng
 RT: 13.38 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: BG019916.D
 Acq: 4 Dec 2015 22:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.1	29.0	43.6
170	25.8	19.9	29.9

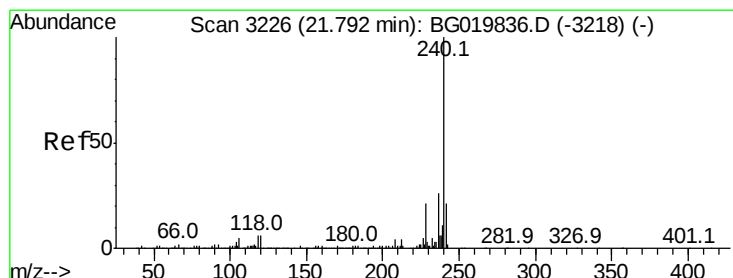
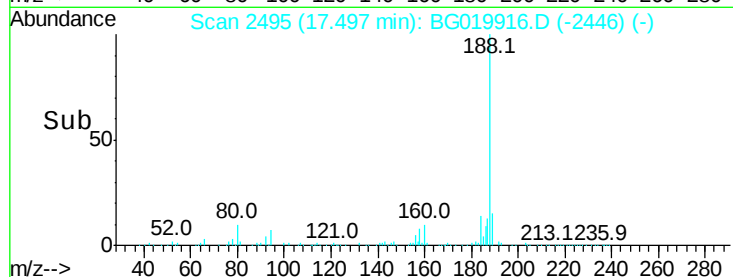
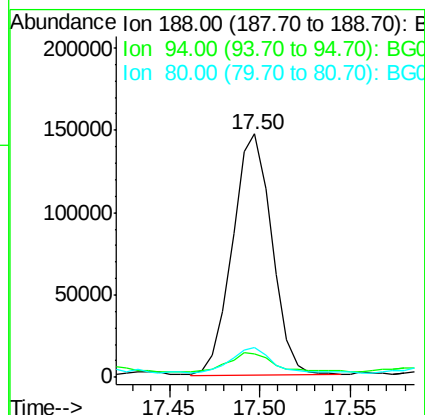
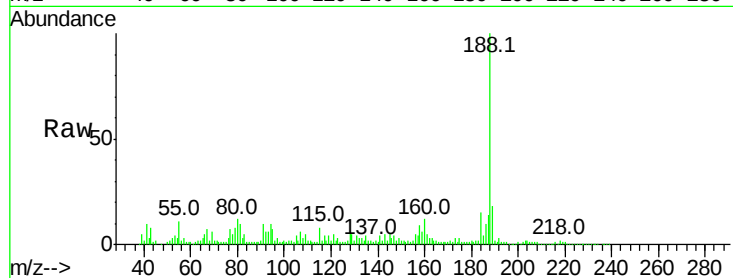




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.50 min Scan# 2495
Delta R.T. -0.01 min
Lab File: BG019916.D
Acq: 4 Dec 2015 22:22

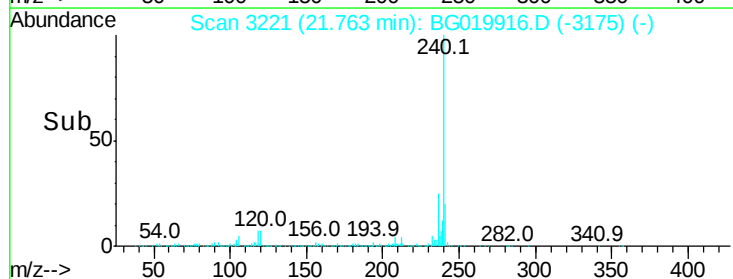
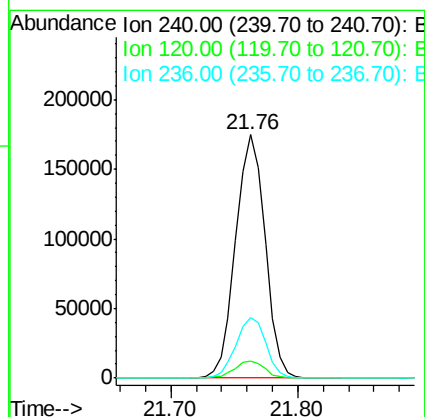
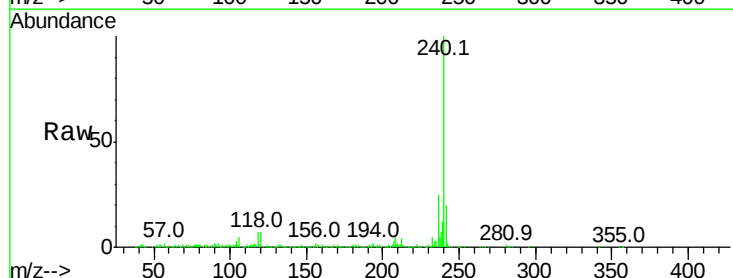
Instrument :
BNA_G
ClientSampleId :
MW-37

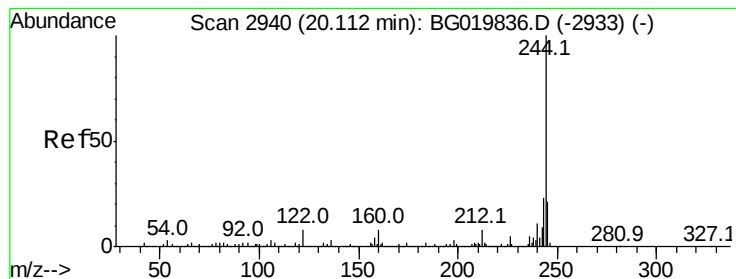
Tot Ion:188 Resp: 220503
Ion Ratio Lower Upper
188 100
94 9.8 7.7 11.5
80 12.2 7.8 11.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3221
Delta R.T. -0.03 min
Lab File: BG019916.D
Acq: 4 Dec 2015 22:22

Tgt Ion:240 Resp: 280609
Ion Ratio Lower Upper
240 100
120 7.1 7.4 11.0#
236 24.7 20.7 31.1





#78

Terphenyl-d14

Concen: 73.92 ng

RT: 20.09 min Scan# 2937

Delta R.T. -0.02 min

Lab File: BG019916.D

Acq: 4 Dec 2015 22:22

Instrument :

BNA_G

ClientSampleId :

MW-37

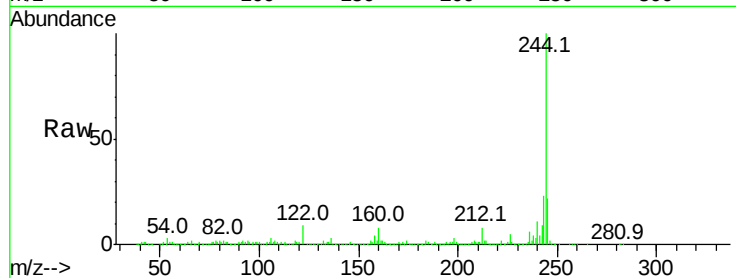
Tot Ion:244 Resp: 850392

Ion Ratio Lower Upper

244 100

212 8.3 6.9 10.3

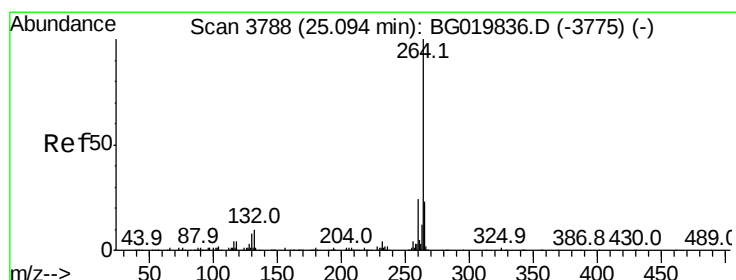
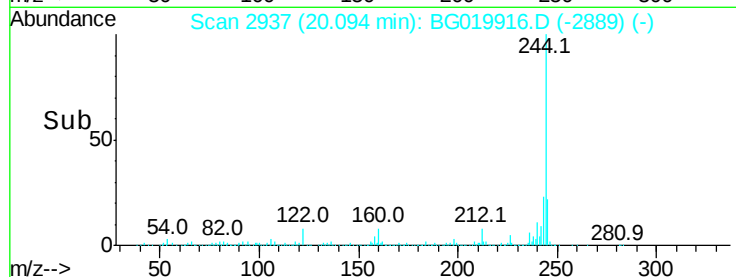
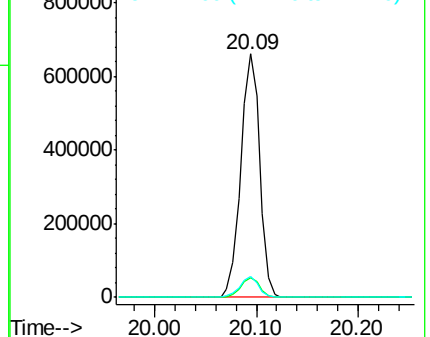
122 8.6 10.2 15.2#



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: 25.05 min Scan# 3780

Delta R.T. -0.05 min

Lab File: BG019916.D

Acq: 4 Dec 2015 22:22

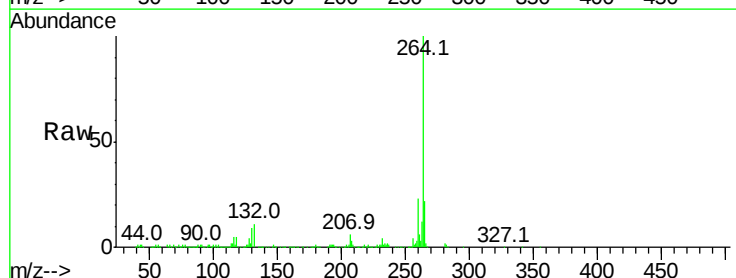
Tgt Ion:264 Resp: 267826

Ion Ratio Lower Upper

264 100

260 22.9 18.5 27.7

265 21.8 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

