

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120615\
 Data File : BG019970.D
 Acq On : 6 Dec 2015 17:02
 Operator : UM/NP
 Sample : G4630-19
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-33

Quant Time: Dec 07 04:30:18 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	35196	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	146418	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	154518	20.00	ng	-0.02
63) Phenanthrene-d10	17.48	188	235063	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	298997	20.00	ng	-0.04
86) Perylene-d12	25.03	264	291315	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	122837	63.08	ng	-0.01
7) Phenol-d6	7.26	99	112146	38.14	ng	-0.02
23) Nitrobenzene-d5	9.28	82	285050	99.36	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	183303	77.53	ng	-0.01
44) 2-Fluorobiphenyl	13.37	172	648233	57.28	ng	-0.02
78) Terphenyl-d14	20.09	244	992298	80.95	ng	-0.02

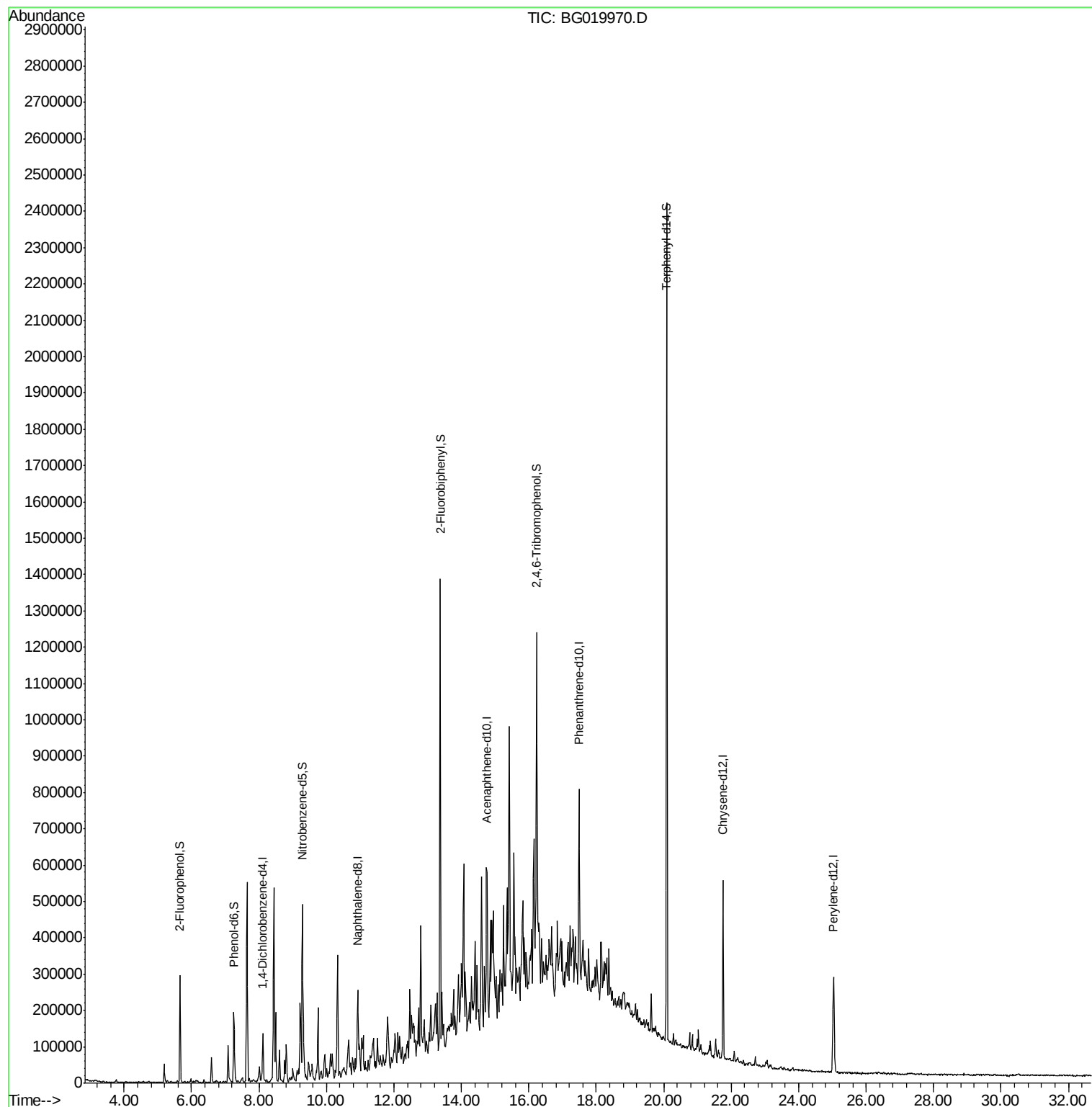
Target Compounds Qvalue

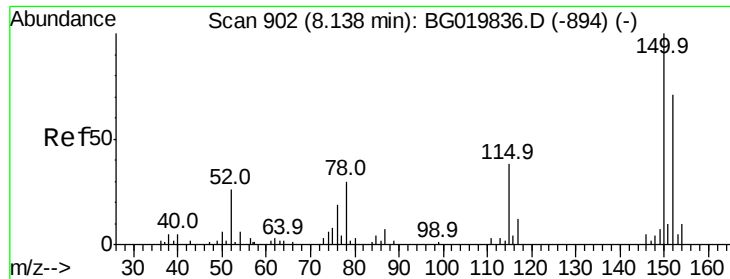
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG019970.D

Acq: 6 Dec 2015 17:02

Instrument :

BNA_G

ClientSampled :

MW-33

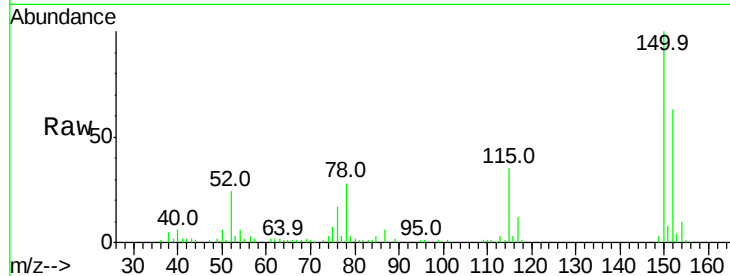
Tot Ion:152 Resp: 35196

Ion Ratio Lower Upper

152 100

150 158.1 115.0 172.4

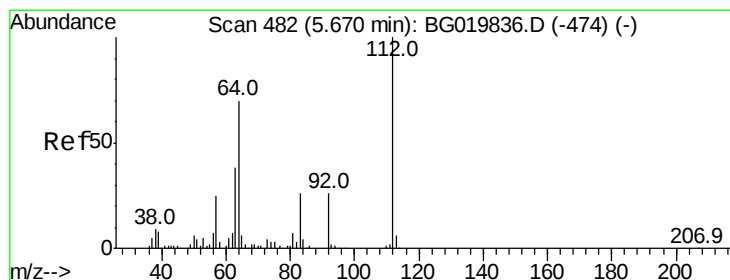
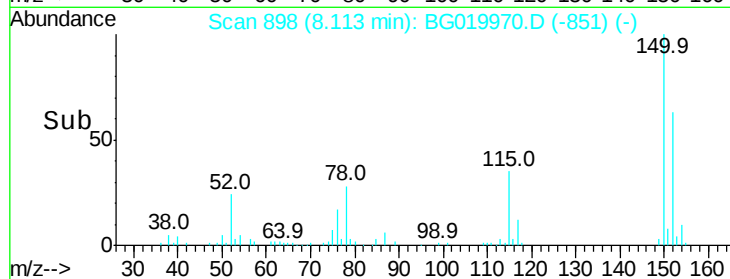
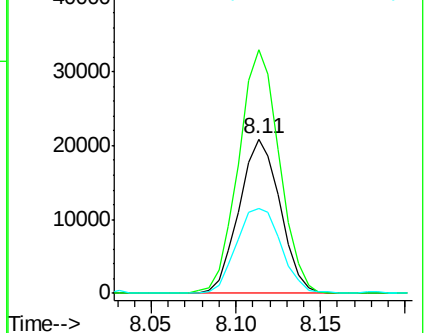
115 55.3 43.9 65.9



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: 63.08 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG019970.D

Acq: 6 Dec 2015 17:02

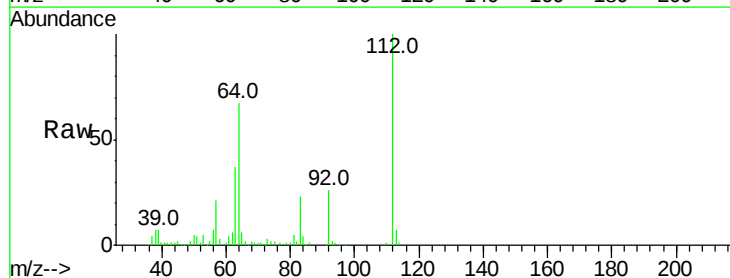
Tgt Ion:112 Resp: 122837

Ion Ratio Lower Upper

112 100

64 67.3 43.7 65.5#

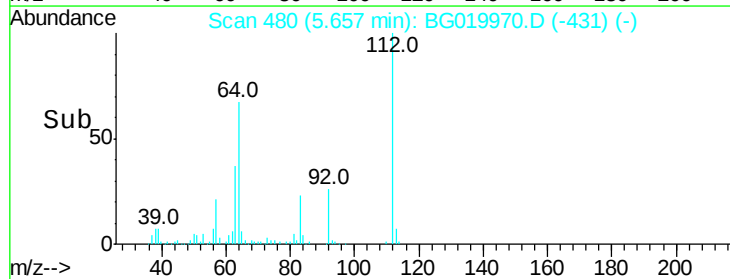
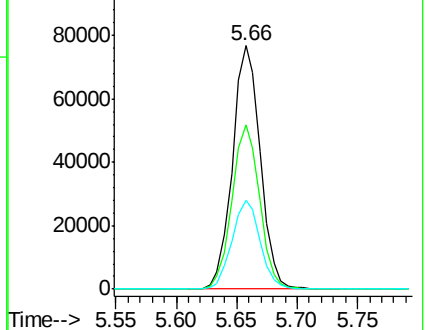
63 36.6 24.0 36.0#

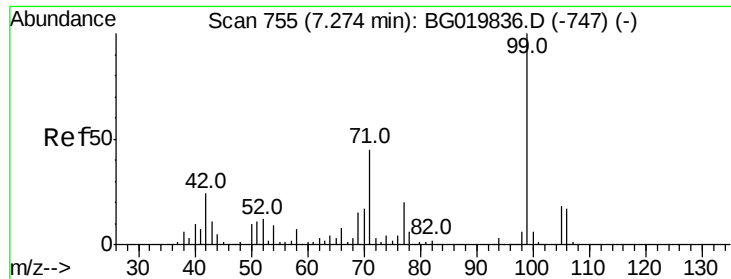


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 38.14 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.02 min

Lab File: BG019970.D

Acq: 6 Dec 2015 17:02

Instrument :

BNA_G

ClientSampleId :

MW-33

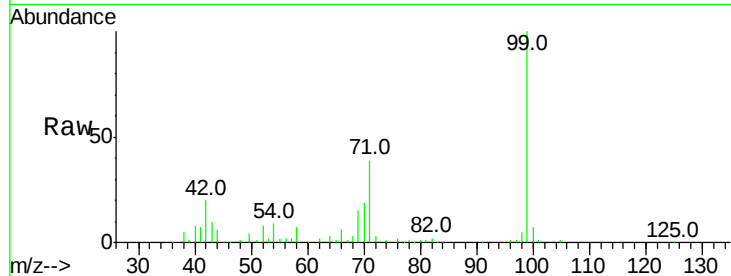
Tot Ion: 99 Resp: 112146

Ion Ratio Lower Upper

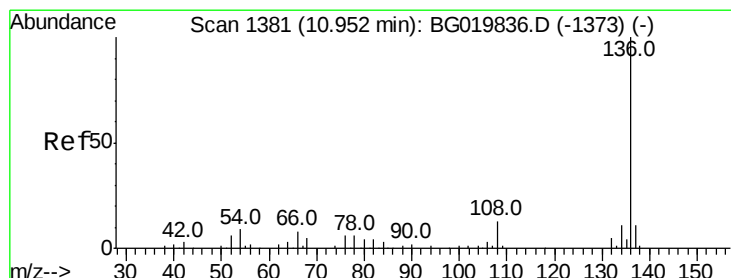
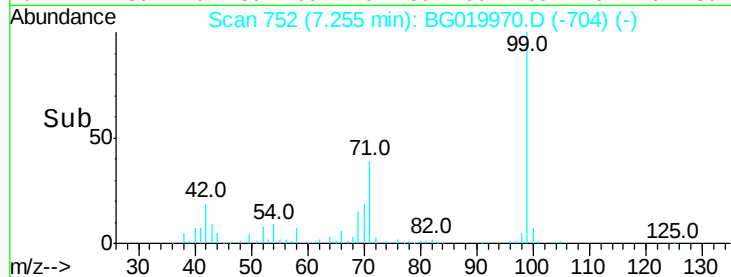
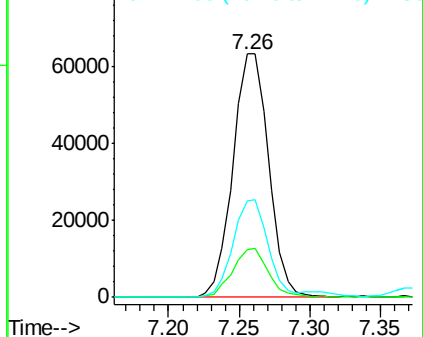
99 100

42 19.5 11.5 17.3#

71 39.5 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: BG019970.D

Acq: 6 Dec 2015 17:02

Tgt Ion: 136 Resp: 146418

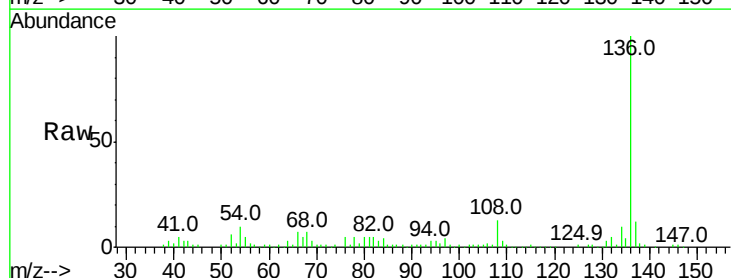
Ion Ratio Lower Upper

136 100

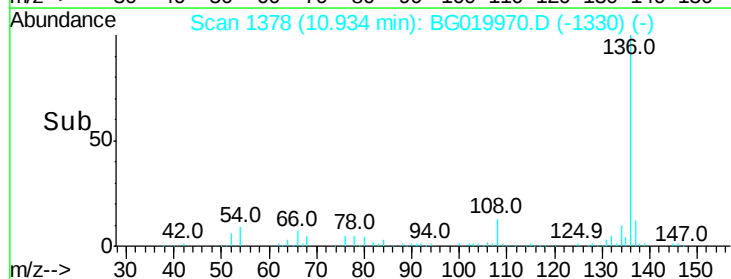
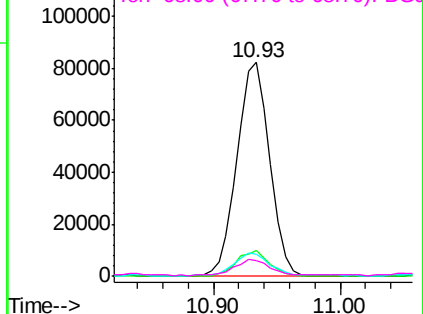
137 12.1 8.6 12.8

54 10.5 5.4 8.2#

68 7.1 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

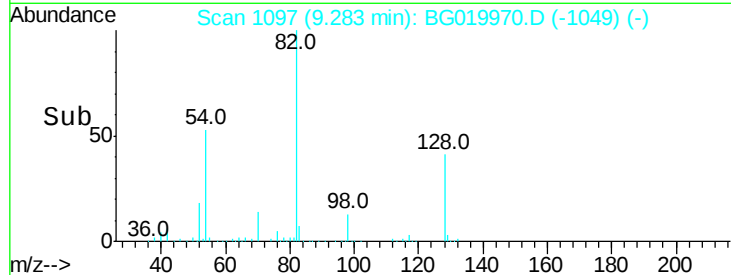
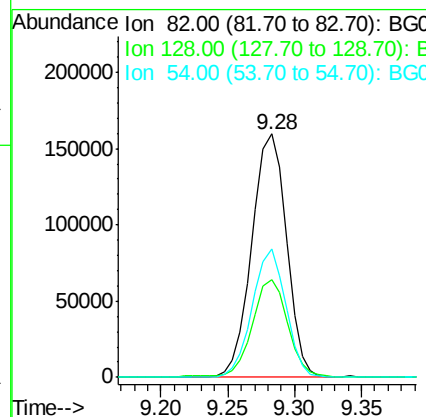
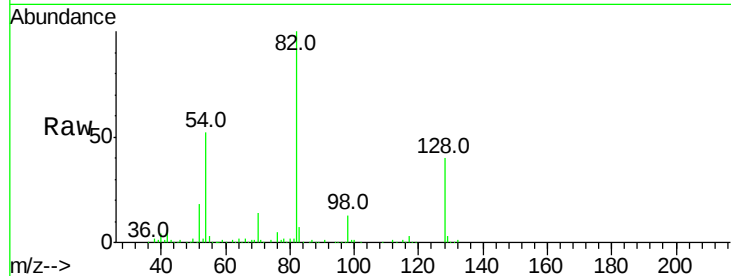




#23
 Nitrobenzene-d5
 Concen: 99.36 ng
 RT: 9.28 min Scan# 1097
 Delta R.T. -0.02 min
 Lab File: BG019970.D
 Acq: 6 Dec 2015 17:02

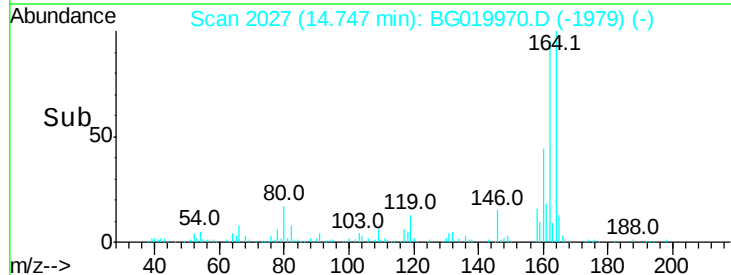
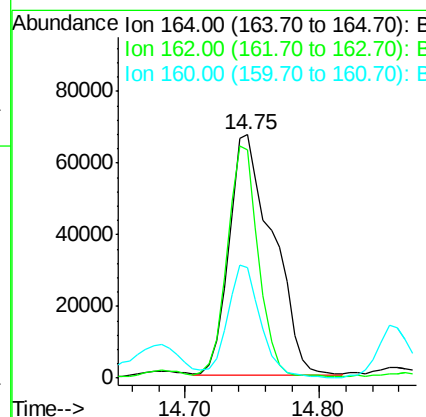
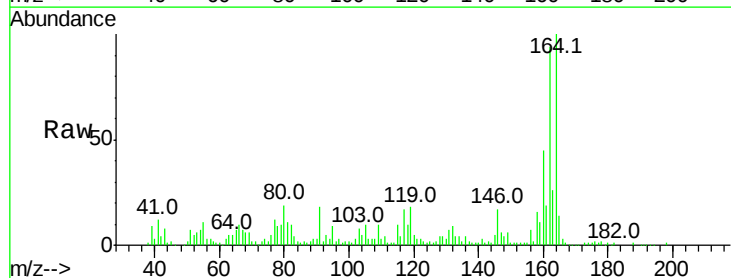
Instrument :
 BNA_G
 ClientSampleId :
 MW-33

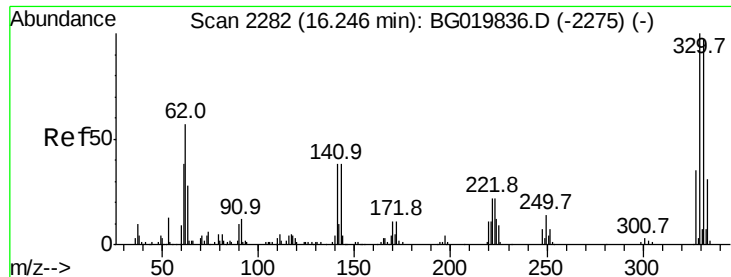
Tot Ion: 82 Resp: 285050
 Ion Ratio Lower Upper
 82 100
 128 40.4 36.7 55.1
 54 52.5 33.8 50.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.75 min Scan# 2027
 Delta R.T. -0.02 min
 Lab File: BG019970.D
 Acq: 6 Dec 2015 17:02

Tgt Ion: 164 Resp: 154518
 Ion Ratio Lower Upper
 164 100
 162 93.8 78.8 118.2
 160 45.4 36.4 54.6

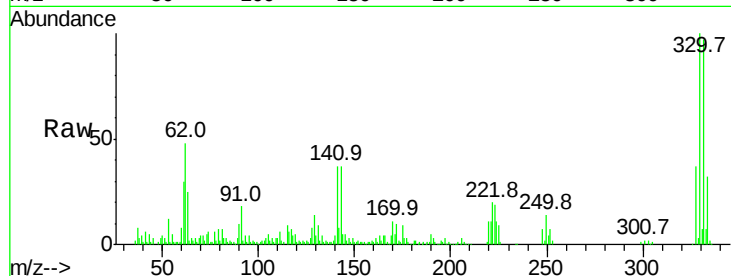




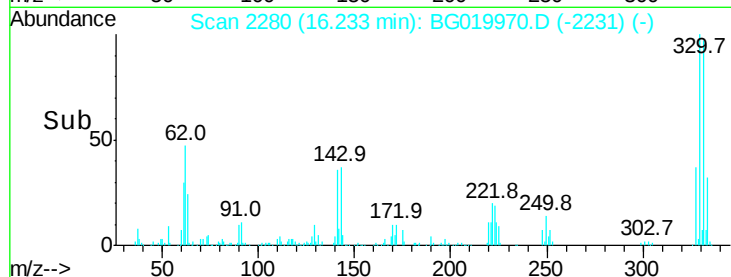
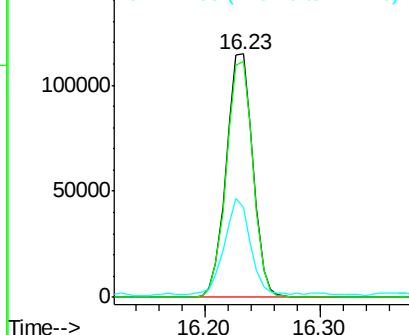
#41
 2,4,6-Tribromophenol
 Concen: 77.53 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BG019970.D
 Acq: 6 Dec 2015 17:02

Instrument :
 BNA_G
 ClientSampleId :
 MW-33

Tot Ion:330 Resp: 183303
 Ion Ratio Lower Upper
 330 100
 332 96.4 78.1 117.1
 141 37.9 28.2 42.2

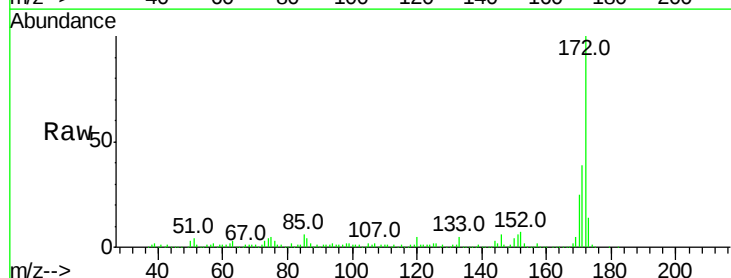


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

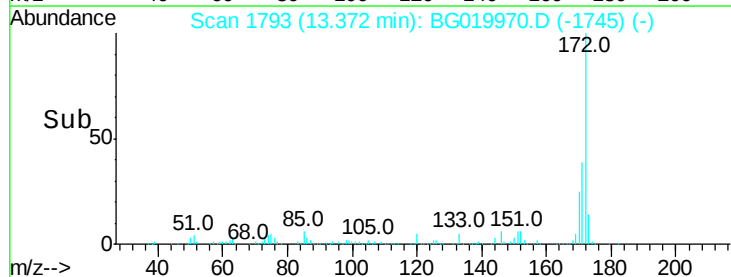
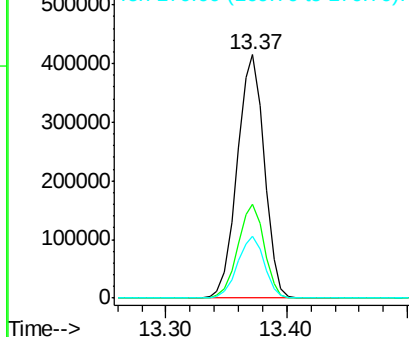


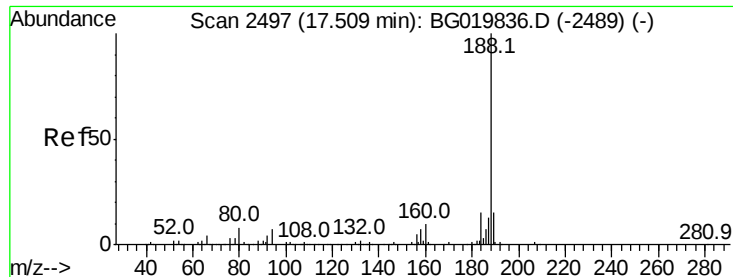
#44
 2-Fluorobiphenyl
 Concen: 57.28 ng
 RT: 13.37 min Scan# 1793
 Delta R.T. -0.02 min
 Lab File: BG019970.D
 Acq: 6 Dec 2015 17:02

Tgt Ion:172 Resp: 648233
 Ion Ratio Lower Upper
 172 100
 171 38.7 29.0 43.6
 170 25.4 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: BG019970.D

Acq: 6 Dec 2015 17:02

Instrument :

BNA_G

ClientSampleId :

MW-33

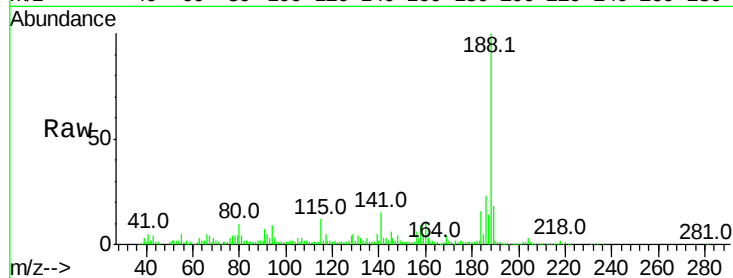
Tot Ion:188 Resp: 235063

Ion Ratio Lower Upper

188 100

94 8.8 7.7 11.5

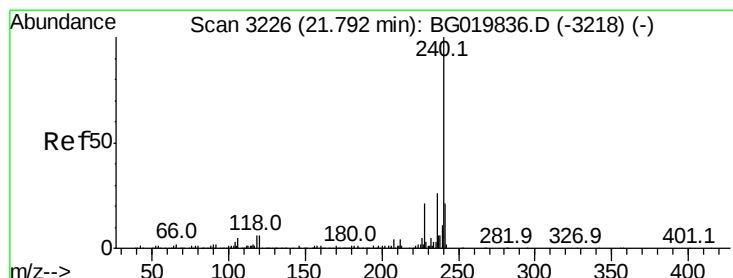
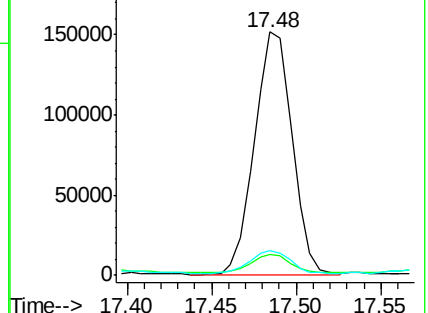
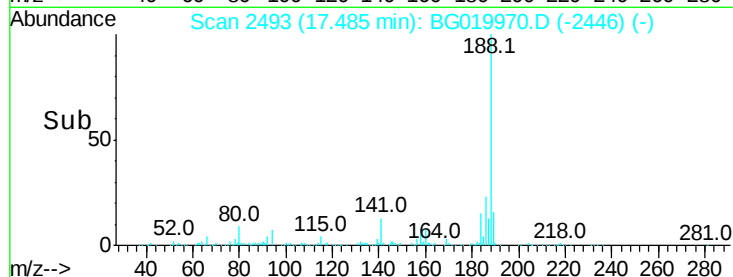
80 10.3 7.8 11.8



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: 21.76 min Scan# 3220

Delta R.T. -0.04 min

Lab File: BG019970.D

Acq: 6 Dec 2015 17:02

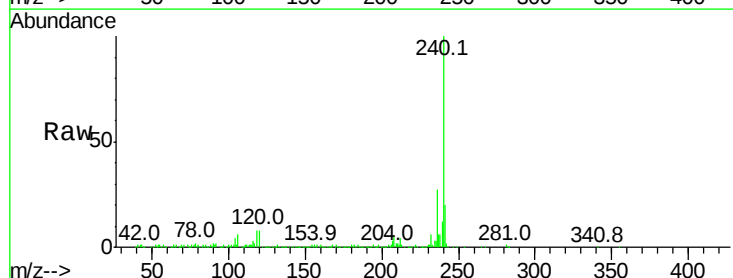
Tgt Ion:240 Resp: 298997

Ion Ratio Lower Upper

240 100

120 7.8 7.4 11.0

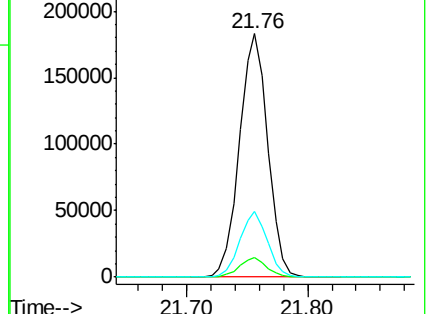
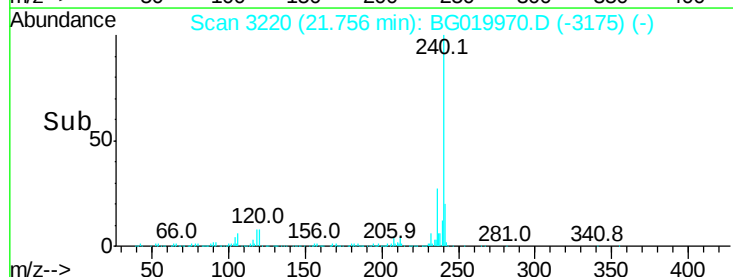
236 26.9 20.7 31.1

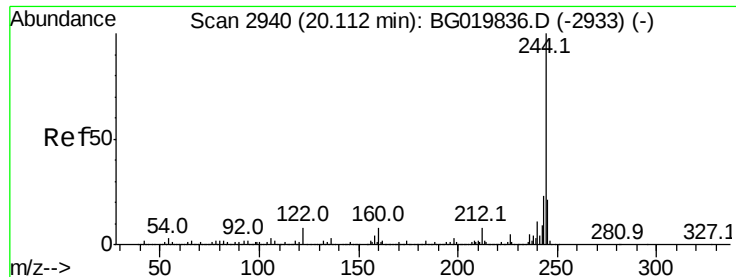


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 80.95 ng

RT: 20.09 min Scan# 2936

Delta R.T. -0.02 min

Lab File: BG019970.D

Acq: 6 Dec 2015 17:02

Instrument :

BNA_G

ClientSampled :

MW-33

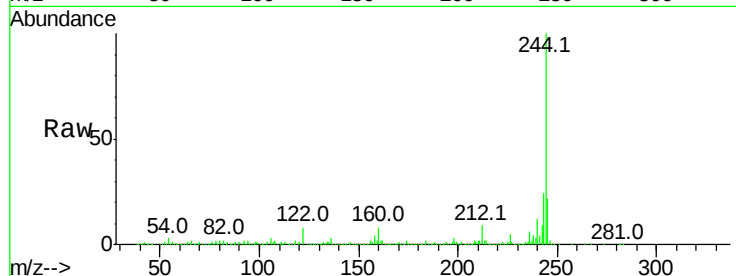
Tot Ion:244 Resp: 992298

Ion Ratio Lower Upper

244 100

212 8.7 6.9 10.3

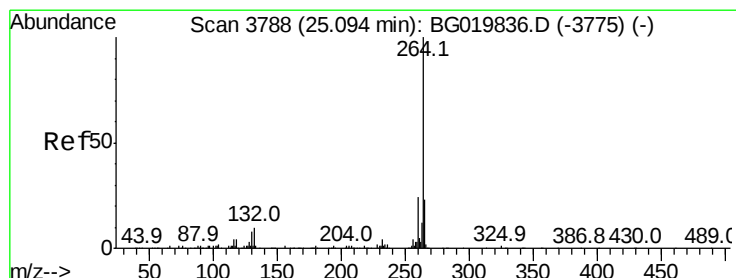
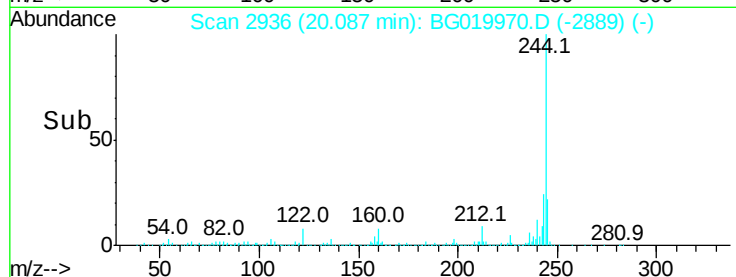
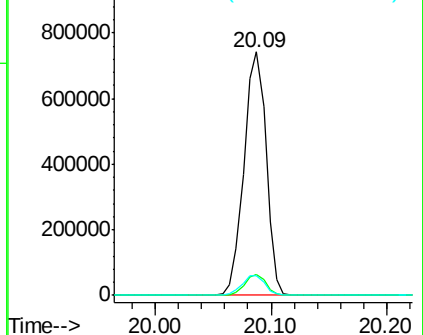
122 8.3 10.2 15.2#



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: 25.03 min Scan# 3778

Delta R.T. -0.06 min

Lab File: BG019970.D

Acq: 6 Dec 2015 17:02

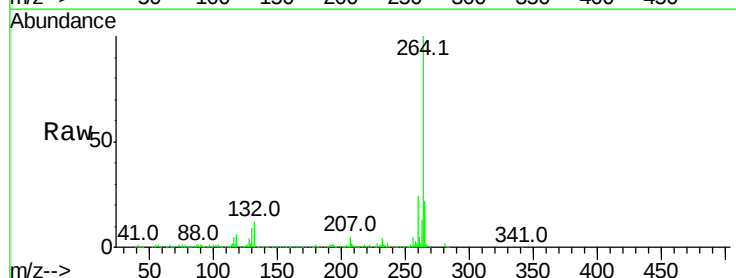
Tgt Ion:264 Resp: 291315

Ion Ratio Lower Upper

264 100

260 24.0 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

