

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120215\
 Data File : BG019863.D
 Acq On : 3 Dec 2015 10:13
 Operator : UM/NP
 Sample : G4583-14
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-03(0-8)

Quant Time: Dec 03 11:58:52 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

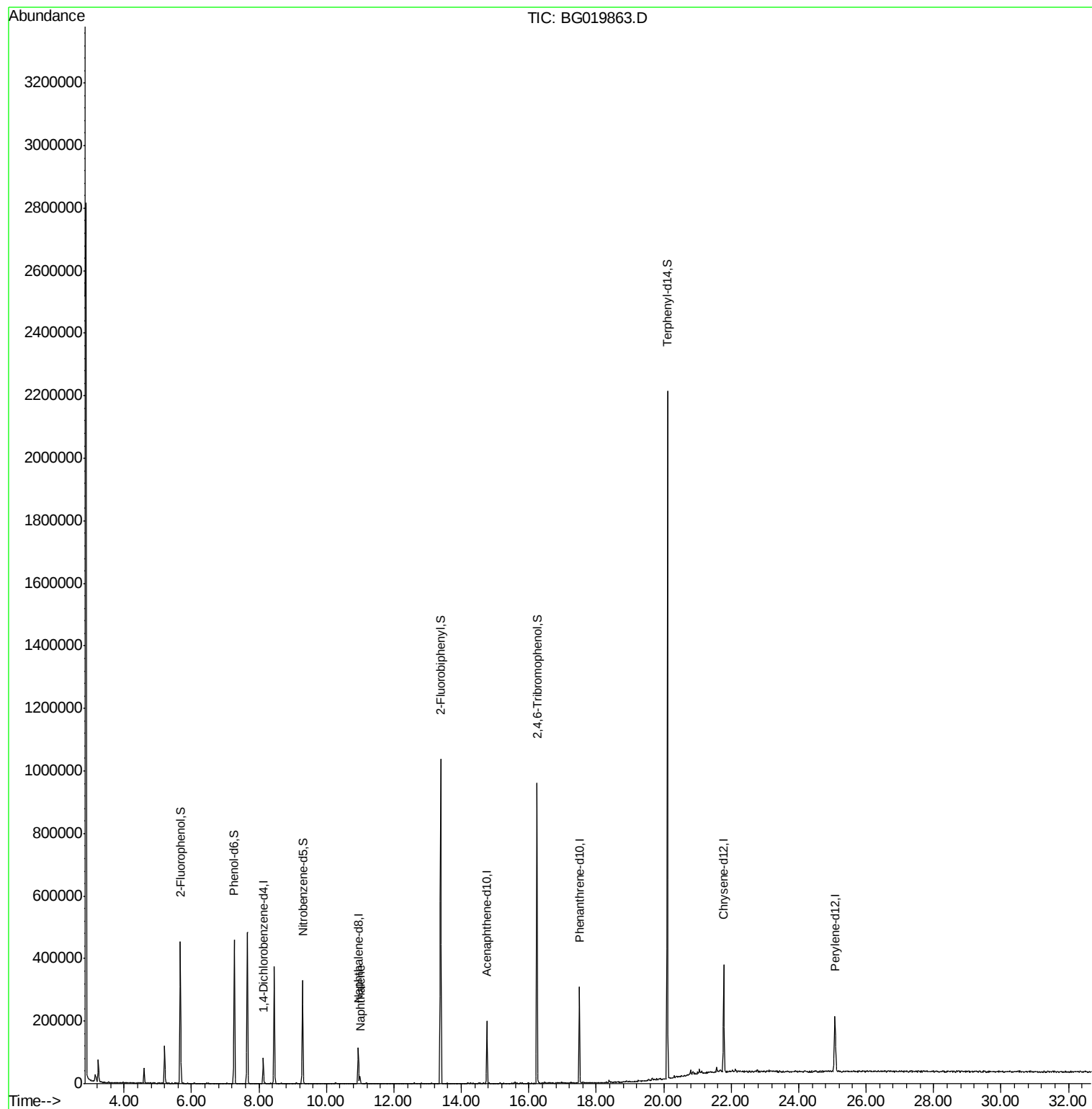
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	22045	20.00	ng	-0.01
21) Naphthalene-d8	10.95	136	91381	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	68477	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	182799	20.00	ng	-0.01
75) Chrysene-d12	21.78	240	223756	20.00	ng	-0.01
86) Perylene-d12	25.08	264	200804	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	179104	146.84	ng	0.00
7) Phenol-d6	7.27	99	247674	134.49	ng	0.00
23) Nitrobenzene-d5	9.30	82	194292	108.51	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	167261	159.64	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	505208	100.74	ng	0.00
78) Terphenyl-d14	20.11	244	939440	102.41	ng	0.00
Target Compounds						
31) Naphthalene	10.99	128	19783	4.04	ng	Qvalue 98

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

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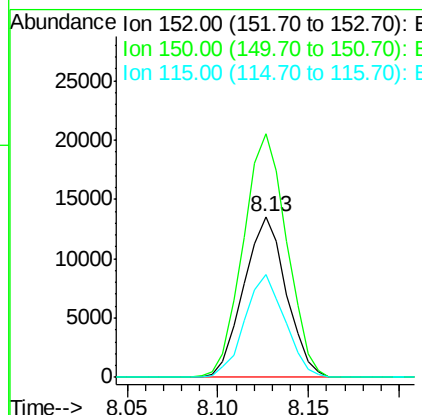
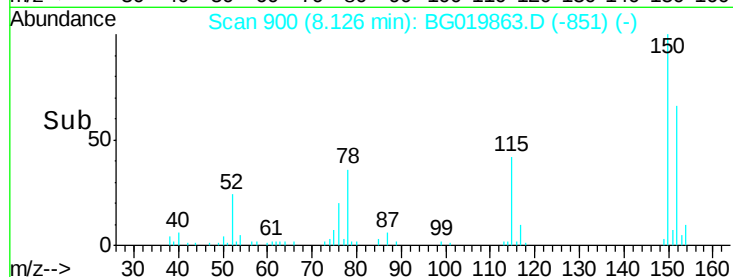
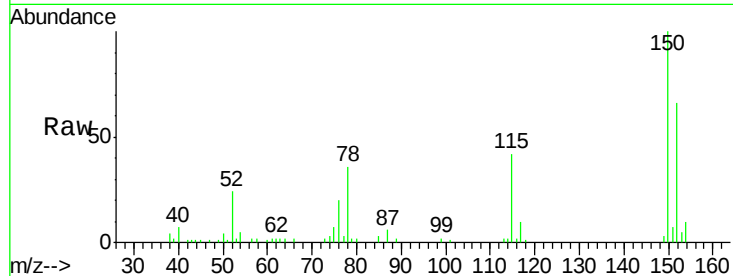




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.13 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BG019863.D
 Acq: 3 Dec 2015 10:13

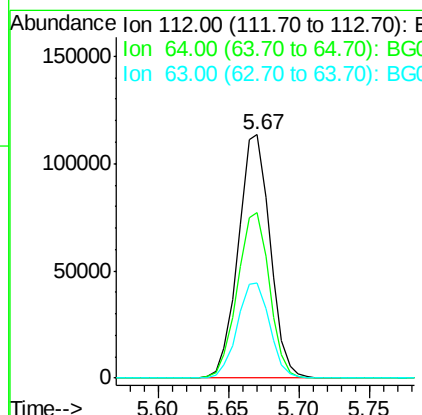
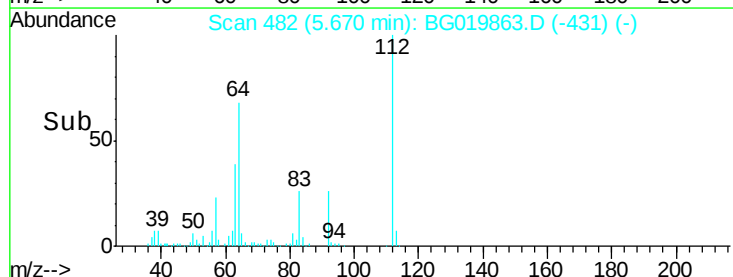
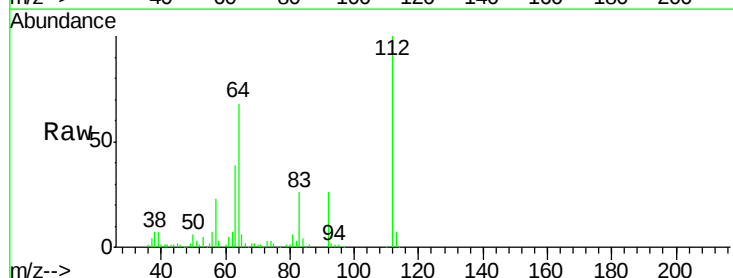
Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-03(0-8)

Tgt Ion:152 Resp: 22045
 Ion Ratio Lower Upper
 152 100
 150 151.7 115.0 172.4
 115 63.8 43.9 65.9



#5
 2-Fluorophenol
 Concen: 146.84 ng
 RT: 5.67 min Scan# 482
 Delta R.T. 0.00 min
 Lab File: BG019863.D
 Acq: 3 Dec 2015 10:13

Tgt Ion:112 Resp: 179104
 Ion Ratio Lower Upper
 112 100
 64 68.0 43.7 65.5#
 63 39.2 24.0 36.0#





#7

Phenol-d6

Concen: 134.49 ng

RT: 7.27 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG019863.D

Acq: 3 Dec 2015 10:13

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-03(0-8)

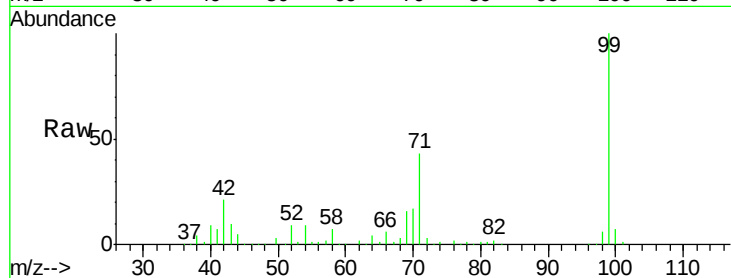
Tgt Ion: 99 Resp: 247674

Ion Ratio Lower Upper

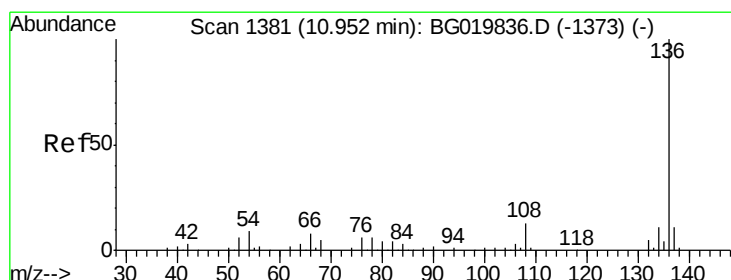
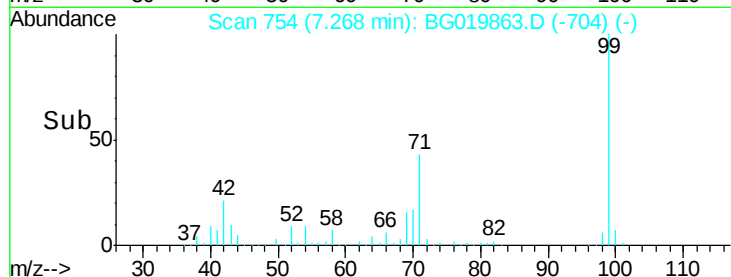
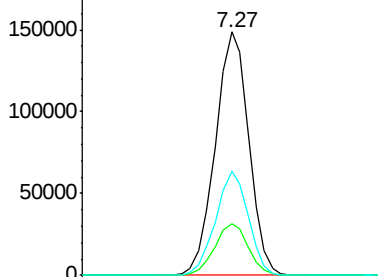
99 100

42 21.2 11.5 17.3#

71 42.8 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: 10.95 min Scan# 1380

Delta R.T. -0.01 min

Lab File: BG019863.D

Acq: 3 Dec 2015 10:13

Tgt Ion: 136 Resp: 91381

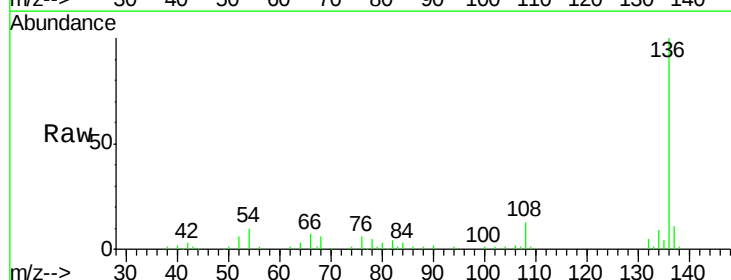
Ion Ratio Lower Upper

136 100

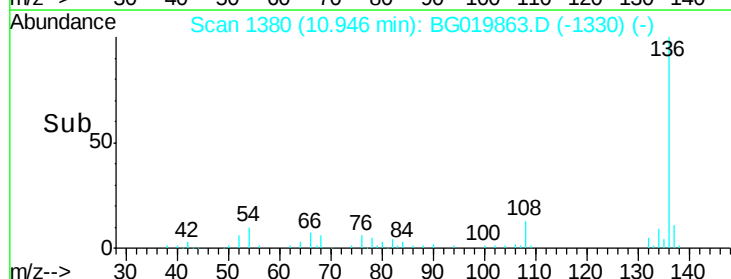
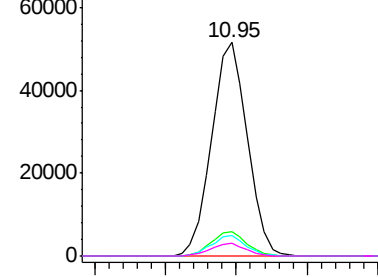
137 11.4 8.6 12.8

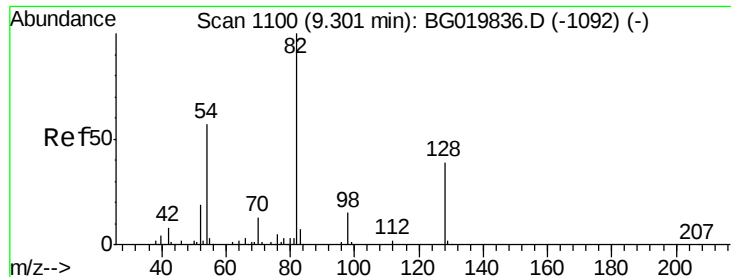
54 9.8 5.4 8.2#

68 6.1 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

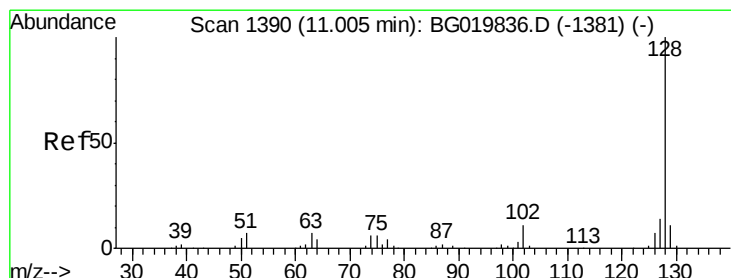
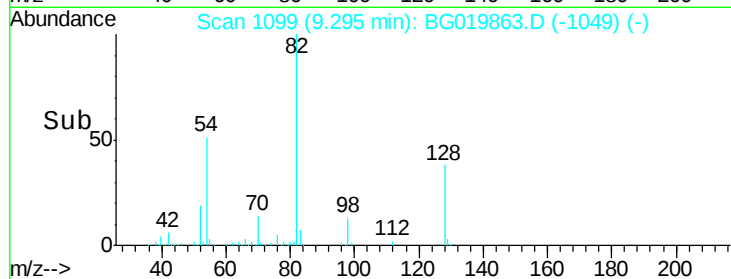
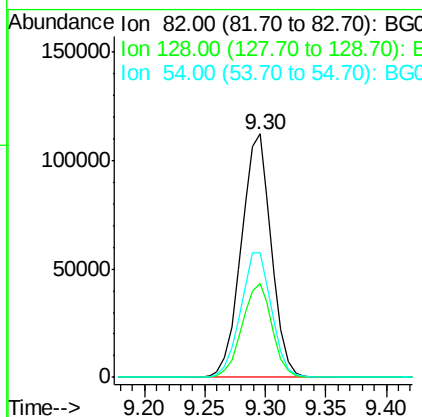
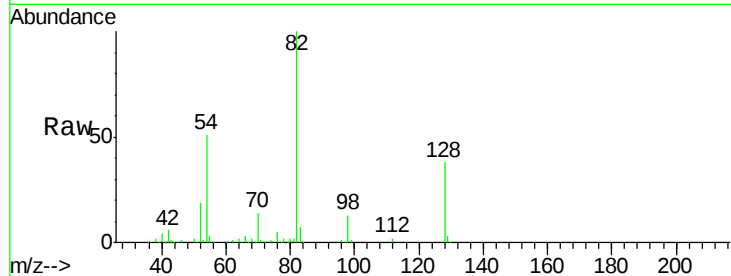




#23
 Nitrobenzene-d5
 Concen: 108.51 ng
 RT: 9.30 min Scan# 1099
 Delta R.T. -0.01 min
 Lab File: BG019863.D
 Acq: 3 Dec 2015 10:13

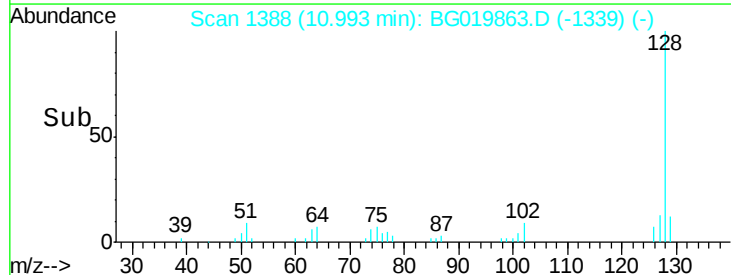
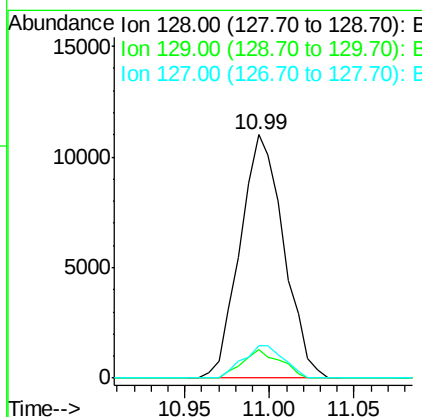
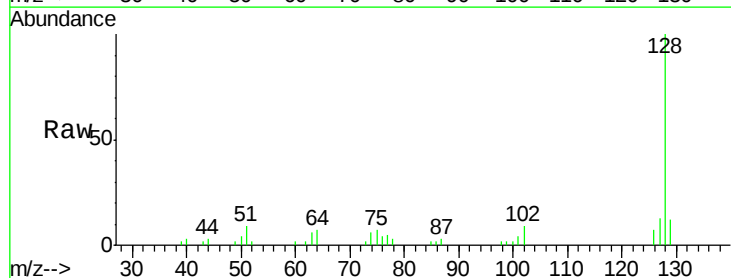
Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-03(0-8)

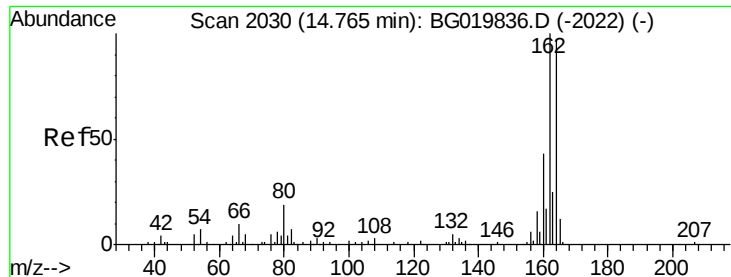
Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.3	36.7	55.1
54	51.4	33.8	50.8#



#31
 Naphthalene
 Concen: 4.04 ng
 RT: 10.99 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BG019863.D
 Acq: 3 Dec 2015 10:13

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.5	12.7
127	13.5	10.6	16.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.75 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BG019863.D

Acq: 3 Dec 2015 10:13

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-03(0-8)

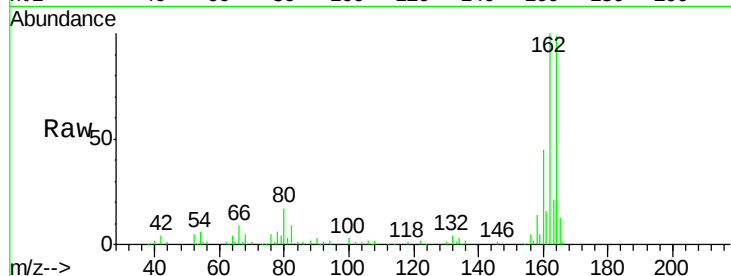
Tgt Ion:164 Resp: 68477

Ion Ratio Lower Upper

164 100

162 101.5 78.8 118.2

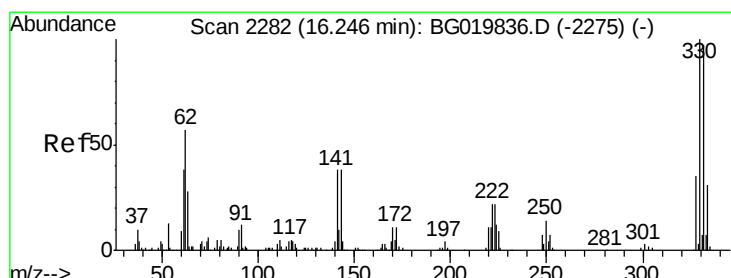
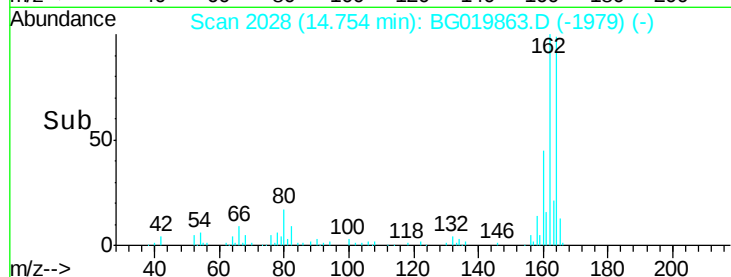
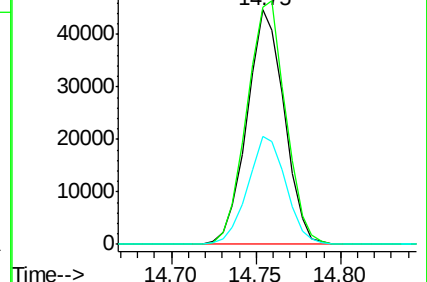
160 46.2 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 159.64 ng

RT: 16.24 min Scan# 2281

Delta R.T. -0.00 min

Lab File: BG019863.D

Acq: 3 Dec 2015 10:13

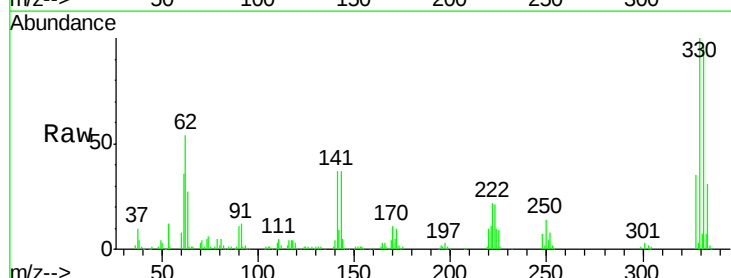
Tgt Ion:330 Resp: 167261

Ion Ratio Lower Upper

330 100

332 96.5 78.1 117.1

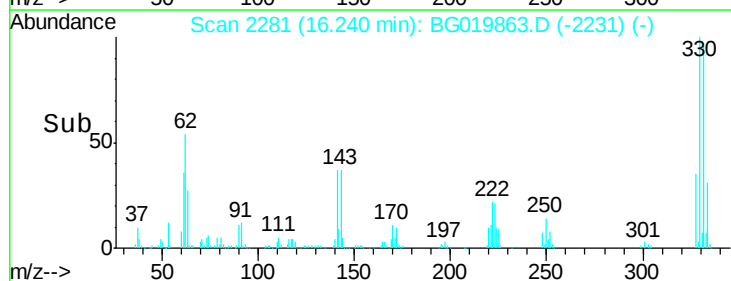
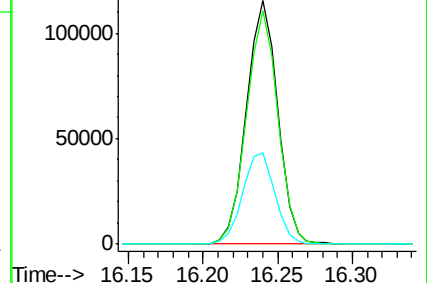
141 38.8 28.2 42.2

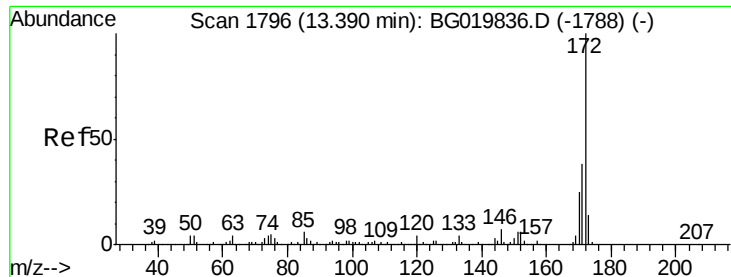


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

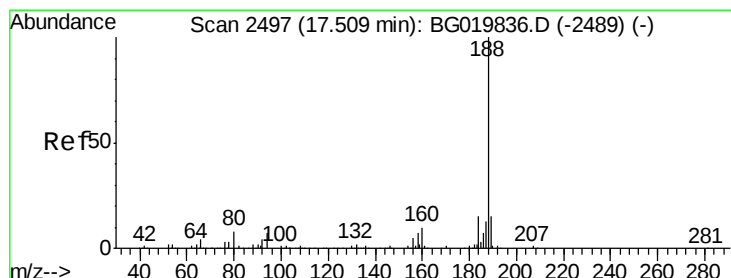
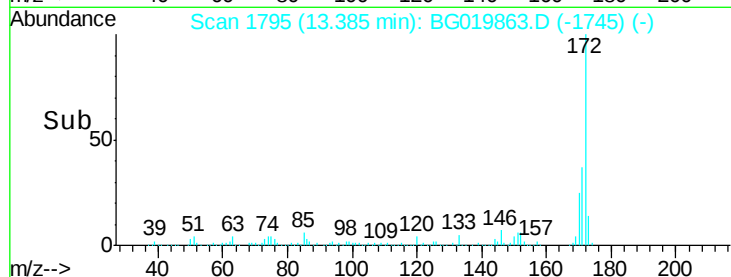
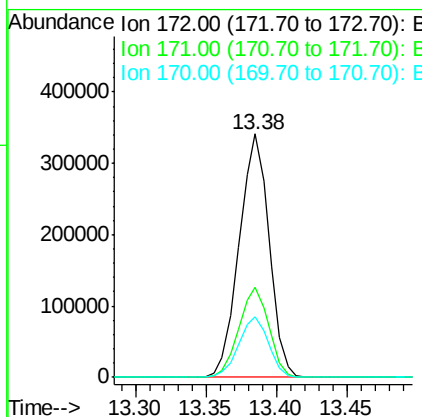
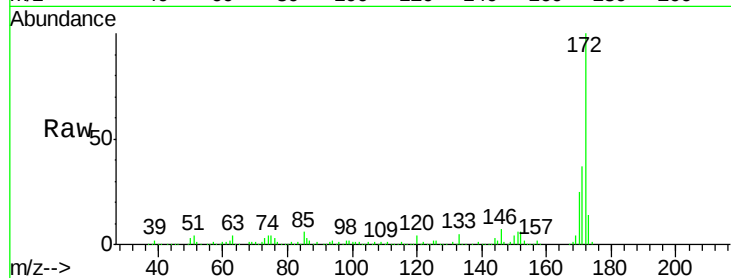




#44
2-Fluorobiphenyl
Concen: 100.74 ng
RT: 13.38 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BG019863.D
Acq: 3 Dec 2015 10:13

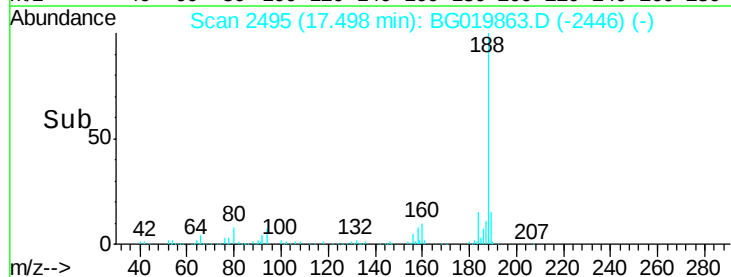
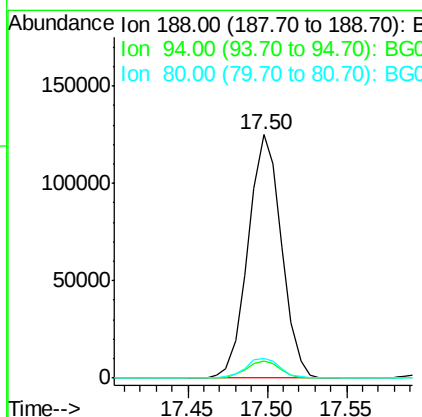
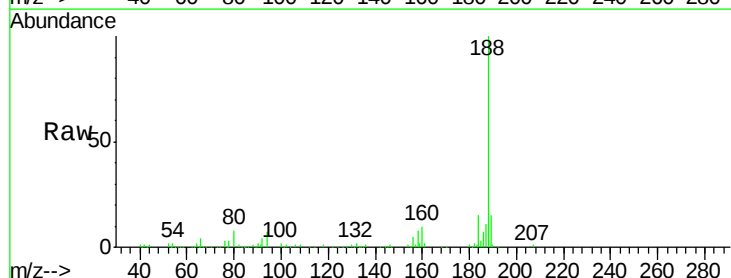
Instrument :
BNA_G
ClientSampleId :
SB-P3WC-03(0-8)

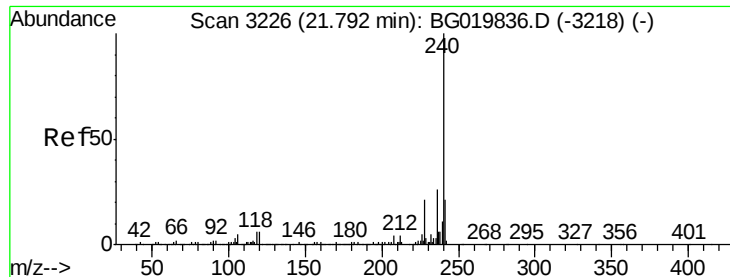
Tgt Ion:172 Resp: 505208
Ion Ratio Lower Upper
172 100
171 36.7 29.0 43.6
170 25.0 19.9 29.9



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.50 min Scan# 2495
Delta R.T. -0.01 min
Lab File: BG019863.D
Acq: 3 Dec 2015 10:13

Tgt Ion:188 Resp: 182799
Ion Ratio Lower Upper
188 100
94 6.8 7.7 11.5#
80 8.2 7.8 11.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.78 min Scan# 3224

Delta R.T. -0.01 min

Lab File: BG019863.D

Acq: 3 Dec 2015 10:13

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-03(0-8)

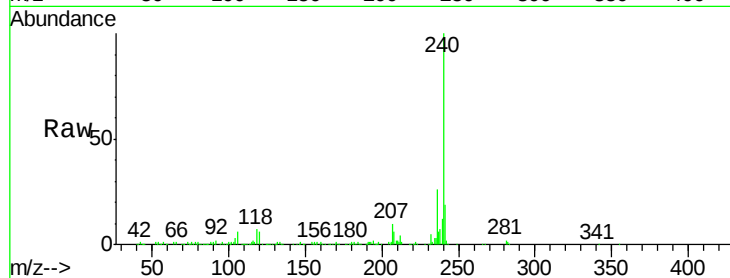
Tgt Ion:240 Resp: 223756

Ion Ratio Lower Upper

240 100

120 6.2 7.4 11.0#

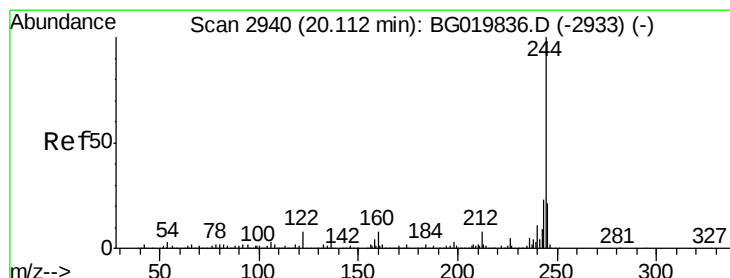
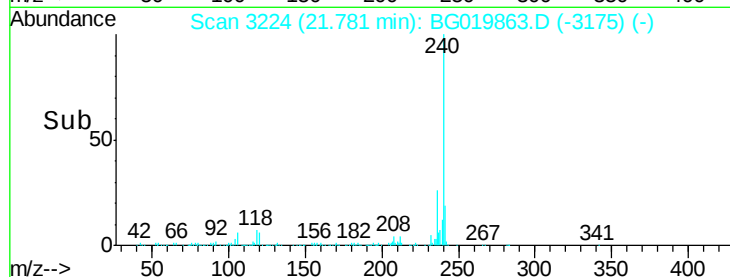
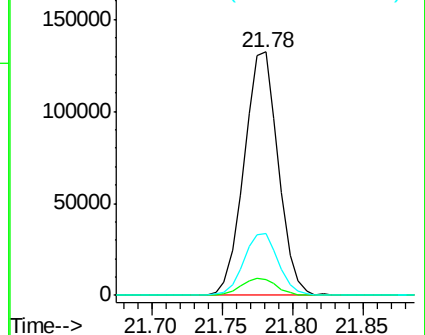
236 25.5 20.7 31.1



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: 102.41 ng

RT: 20.11 min Scan# 2939

Delta R.T. -0.00 min

Lab File: BG019863.D

Acq: 3 Dec 2015 10:13

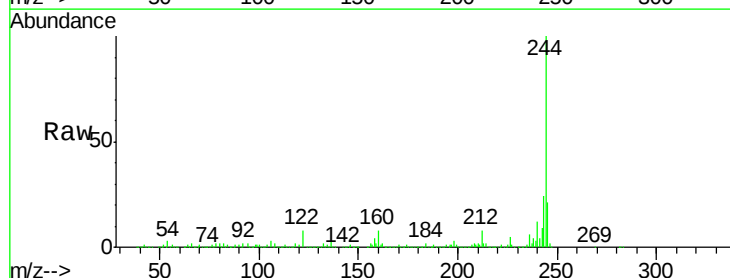
Tgt Ion:244 Resp: 939440

Ion Ratio Lower Upper

244 100

212 8.4 6.9 10.3

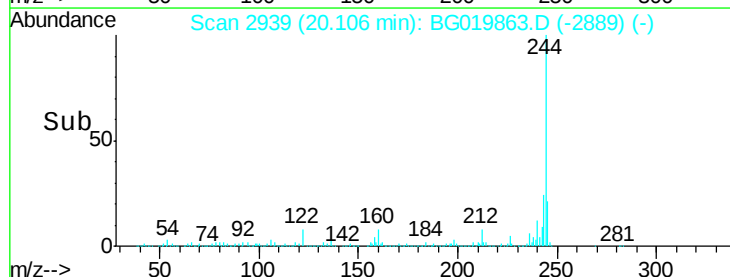
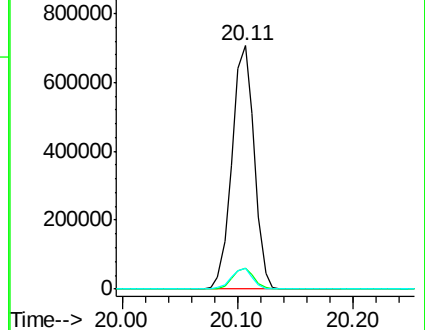
122 8.3 10.2 15.2#



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: 25.08 min Scan# 3786
Delta R.T. -0.01 min
Lab File: BG019863.D
Acq: 3 Dec 2015 10:13

Instrument :
BNA_G
ClientSampleId :
SB-P3WC-03(0-8)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.5	27.7
265	20.0	17.2	25.8

