

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120215\
 Data File : BG019864.D
 Acq On : 3 Dec 2015 10:51
 Operator : UM/NP
 Sample : G4583-15
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-04(0-6)

Quant Time: Dec 03 12:00:32 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	21913	20.00	ng	-0.01
21) Naphthalene-d8	10.95	136	91153	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	68358	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	186450	20.00	ng	-0.01
75) Chrysene-d12	21.78	240	227670	20.00	ng	-0.01
86) Perylene-d12	25.08	264	205530	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	193256	159.40	ng	0.00
7) Phenol-d6	7.27	99	261450	142.82	ng	0.00
23) Nitrobenzene-d5	9.29	82	204358	114.42	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	179734	171.84	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	512278	102.32	ng	0.00
78) Terphenyl-d14	20.11	244	984789	105.51	ng	0.00

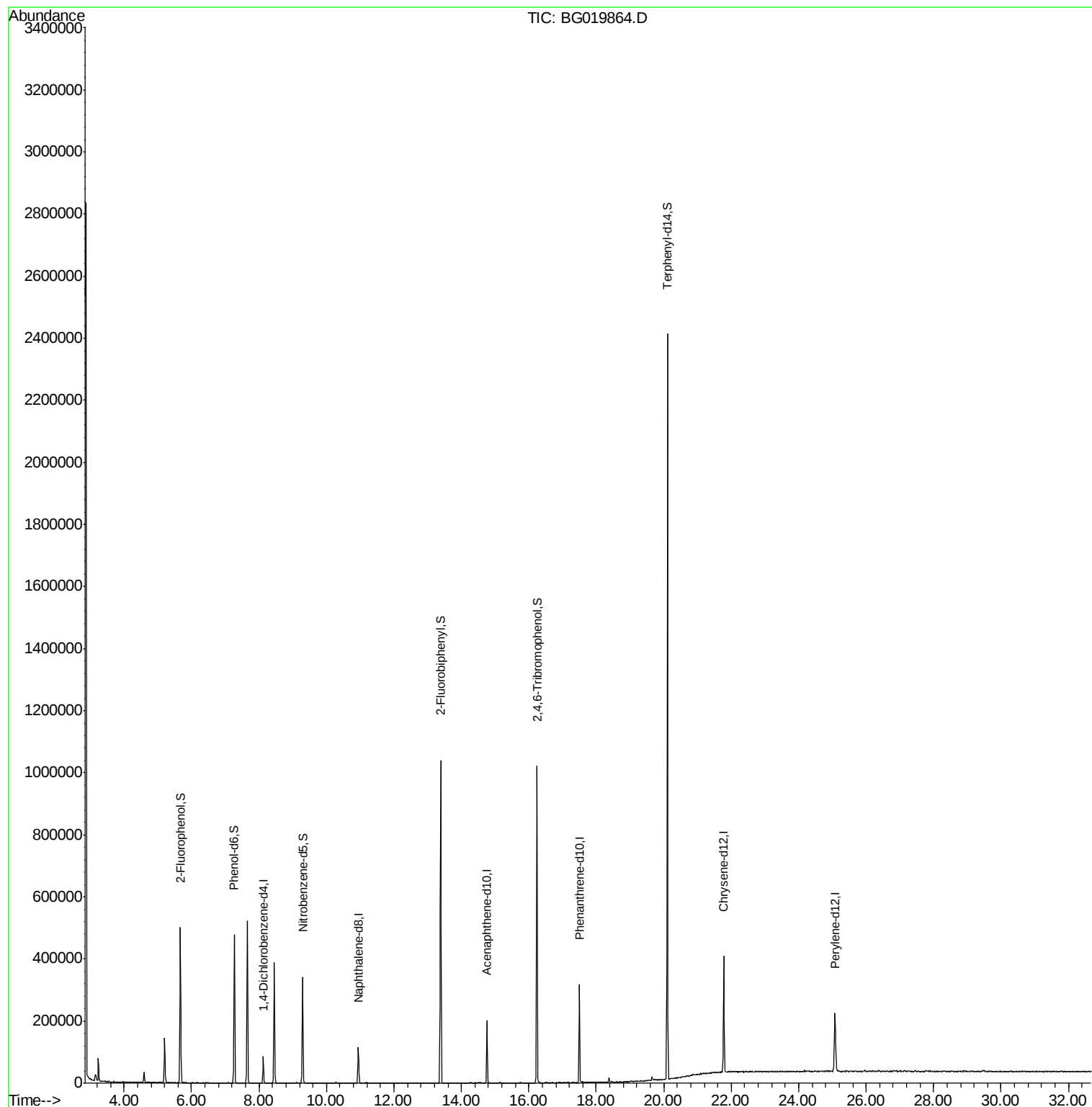
Target Compounds	Qvalue
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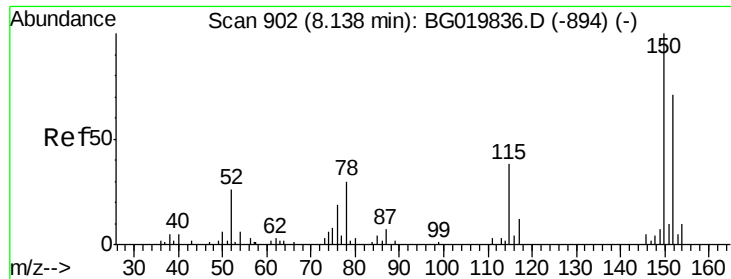
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.13 min Scan# 900

Delta R.T. -0.01 min

Lab File: BG019864.D

Acq: 3 Dec 2015 10:51

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-04(0-6)

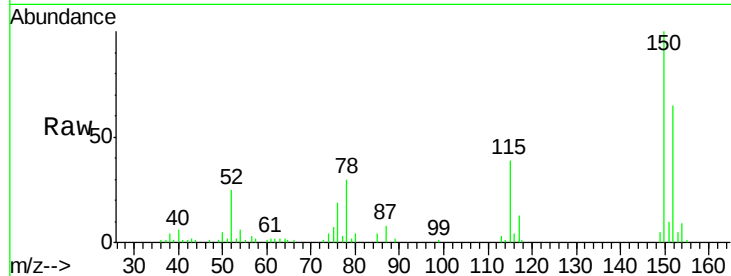
Tgt Ion:152 Resp: 21913

Ion Ratio Lower Upper

152 100

150 152.7 115.0 172.4

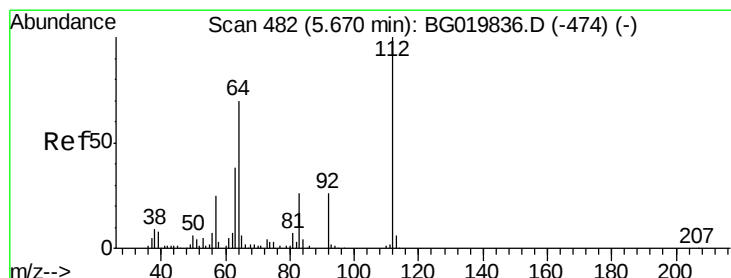
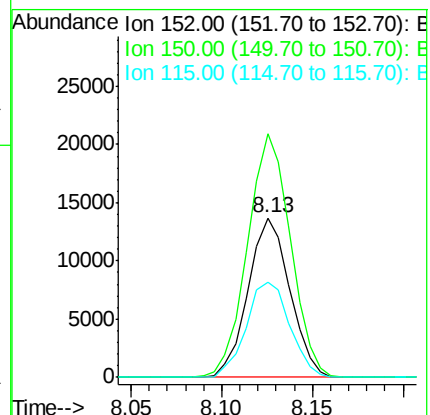
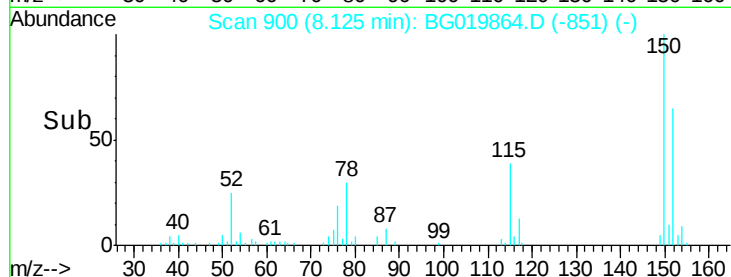
115 59.5 43.9 65.9



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: 159.40 ng

RT: 5.67 min Scan# 482

Delta R.T. 0.00 min

Lab File: BG019864.D

Acq: 3 Dec 2015 10:51

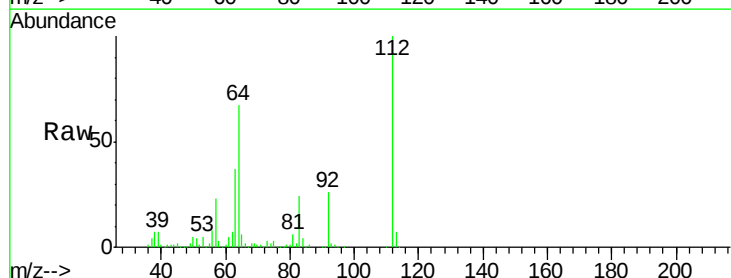
Tgt Ion:112 Resp: 193256

Ion Ratio Lower Upper

112 100

64 67.3 43.7 65.5#

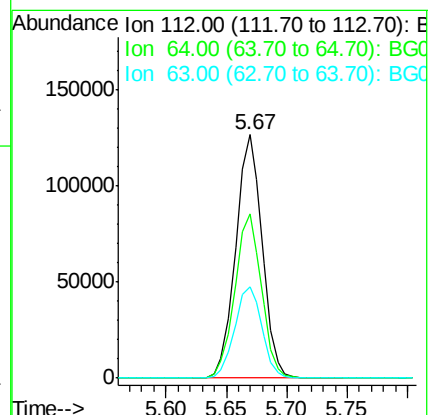
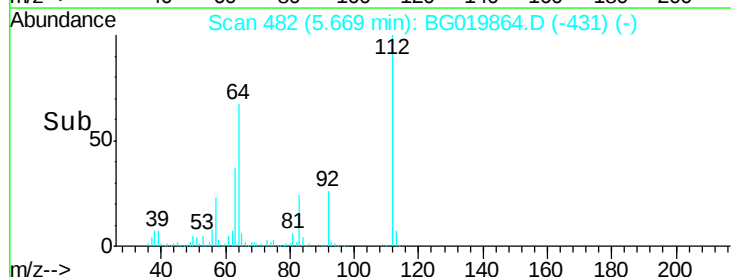
63 37.4 24.0 36.0#

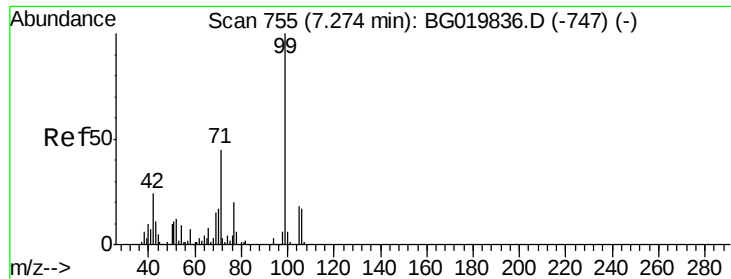


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 142.82 ng

RT: 7.27 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG019864.D

Acq: 3 Dec 2015 10:51

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-04(0-6)

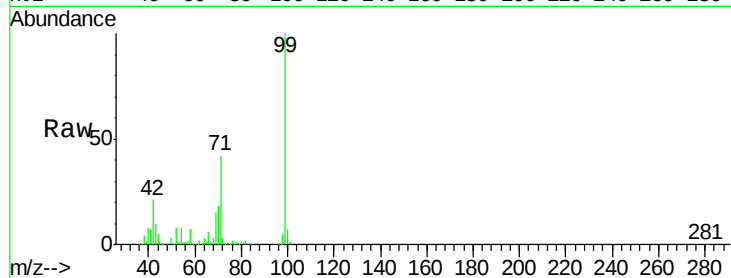
Tgt Ion: 99 Resp: 261450

Ion Ratio Lower Upper

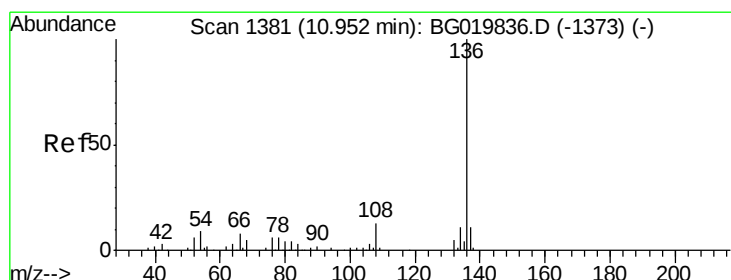
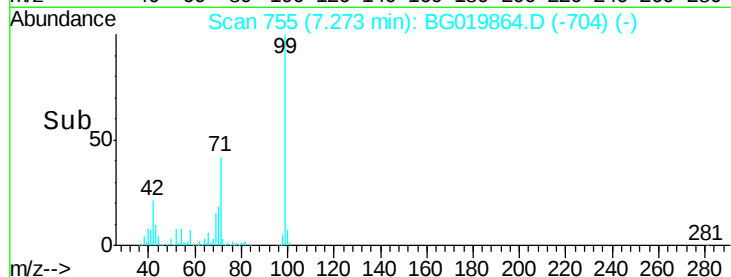
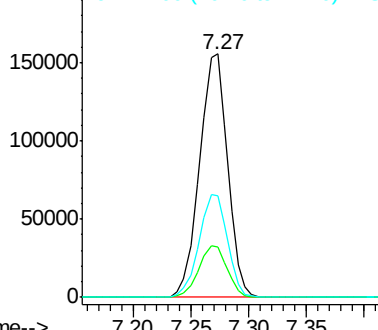
99 100

42 20.9 11.5 17.3#

71 41.8 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: BG019864.D

Acq: 3 Dec 2015 10:51

Tgt Ion: 136 Resp: 91153

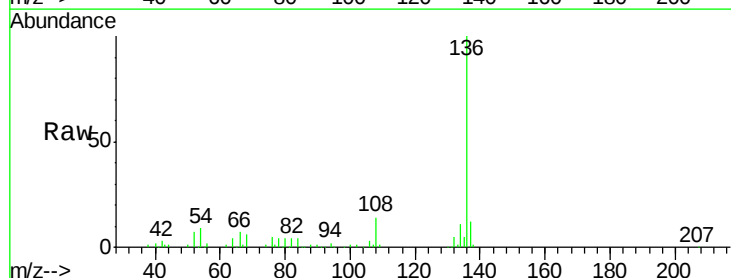
Ion Ratio Lower Upper

136 100

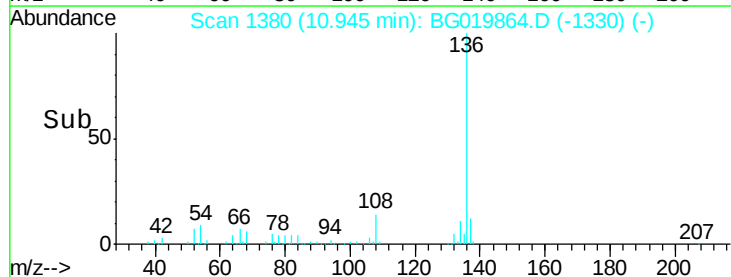
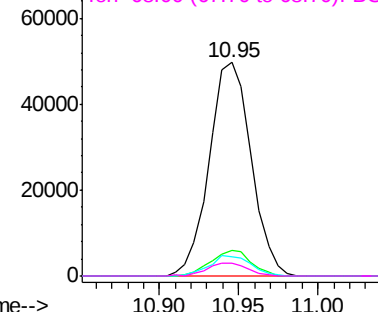
137 12.3 8.6 12.8

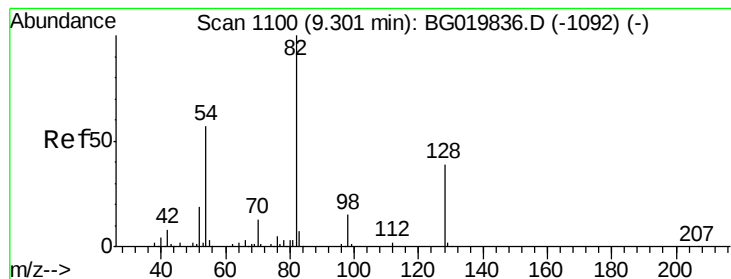
54 8.8 5.4 8.2#

68 6.0 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: 114.42 ng

RT: 9.29 min Scan# 1099

Delta R.T. -0.01 min

Lab File: BG019864.D

Acq: 3 Dec 2015 10:51

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-04(0-6)

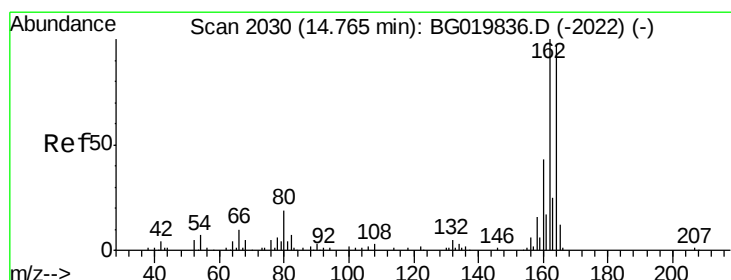
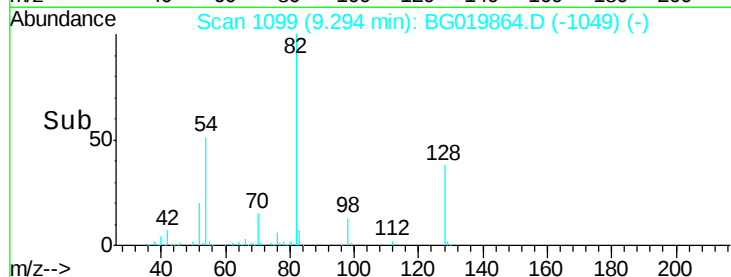
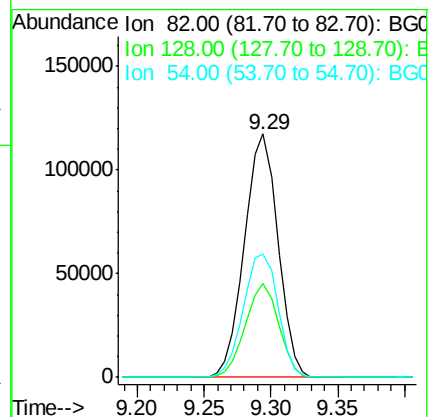
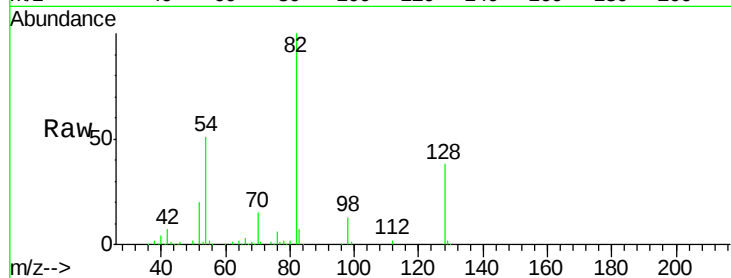
Tgt Ion: 82 Resp: 204358

Ion Ratio Lower Upper

82 100

128 38.4 36.7 55.1

54 50.7 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: BG019864.D

Acq: 3 Dec 2015 10:51

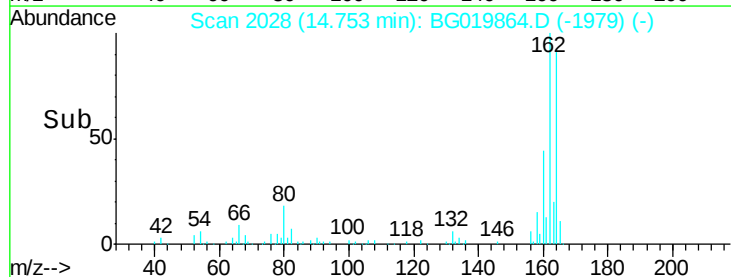
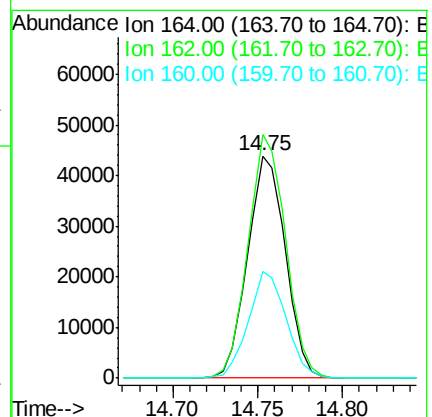
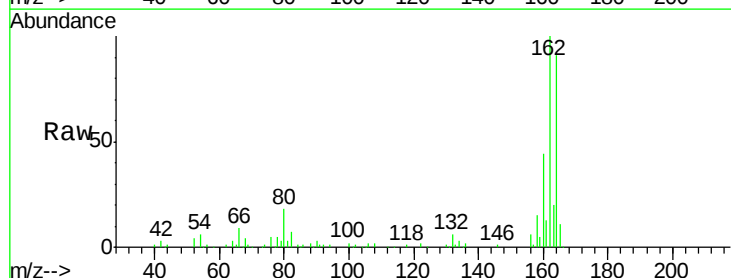
Tgt Ion: 164 Resp: 68358

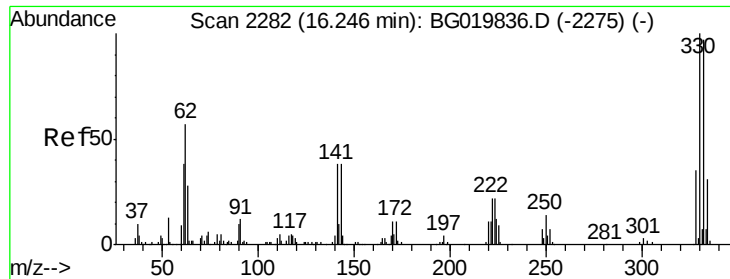
Ion Ratio Lower Upper

164 100

162 109.7 78.8 118.2

160 48.3 36.4 54.6

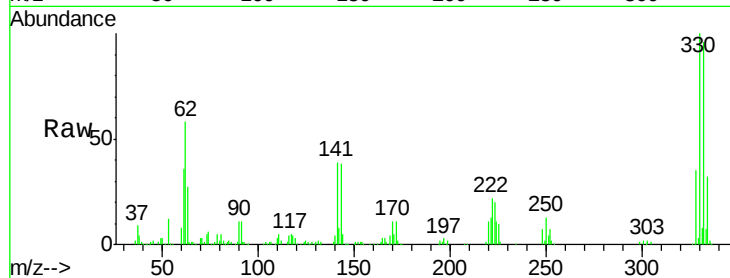




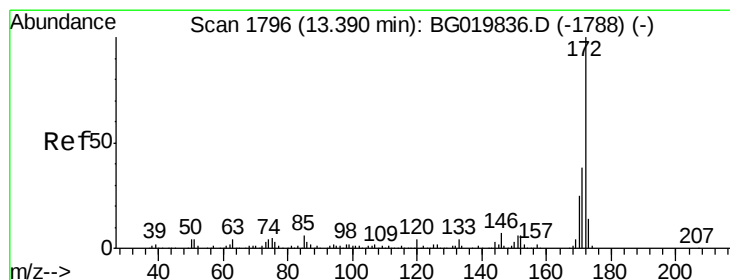
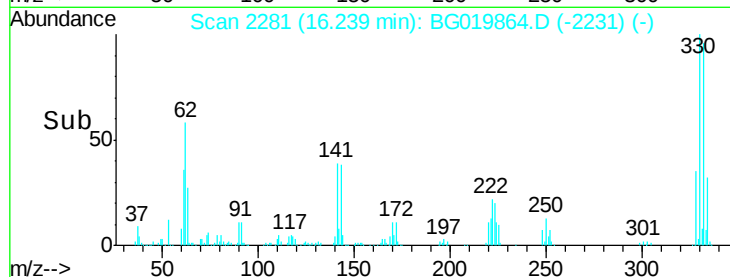
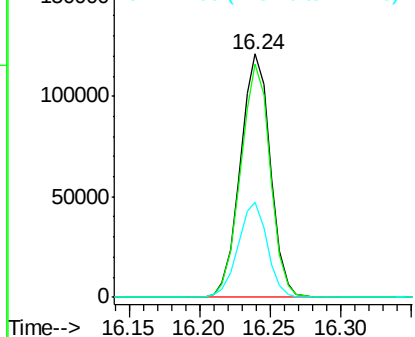
#41
 2,4,6-Tribromophenol
 Concen: 171.84 ng
 RT: 16.24 min Scan# 2281
 Delta R.T. -0.01 min
 Lab File: BG019864.D
 Acq: 3 Dec 2015 10:51

Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-04(0-6)

Tgt Ion:330 Resp: 179734
 Ion Ratio Lower Upper
 330 100
 332 94.8 78.1 117.1
 141 38.1 28.2 42.2

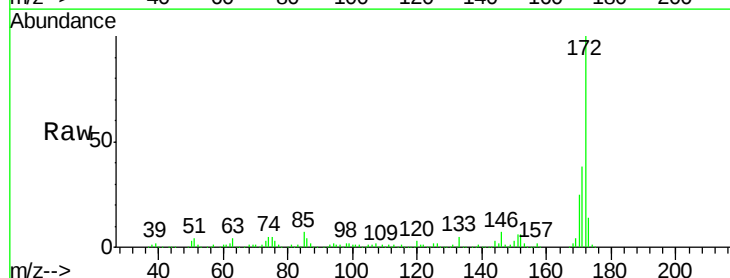


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

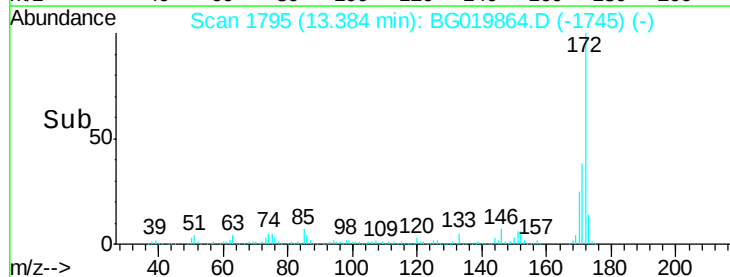
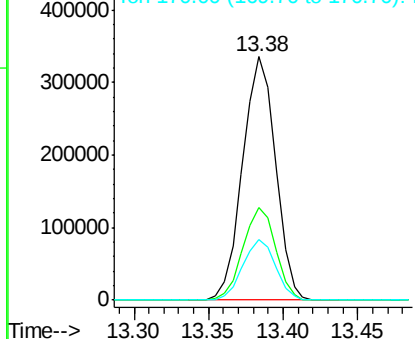


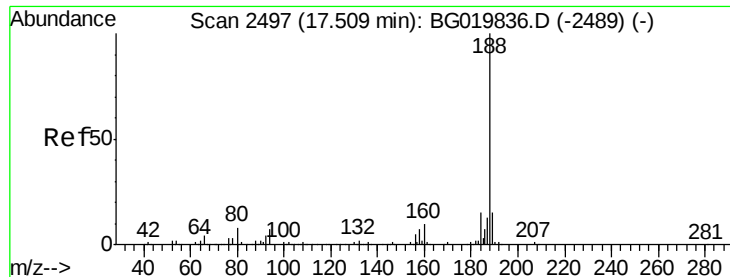
#44
 2-Fluorobiphenyl
 Concen: 102.32 ng
 RT: 13.38 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BG019864.D
 Acq: 3 Dec 2015 10:51

Tgt Ion:172 Resp: 512278
 Ion Ratio Lower Upper
 172 100
 171 37.9 29.0 43.6
 170 25.0 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

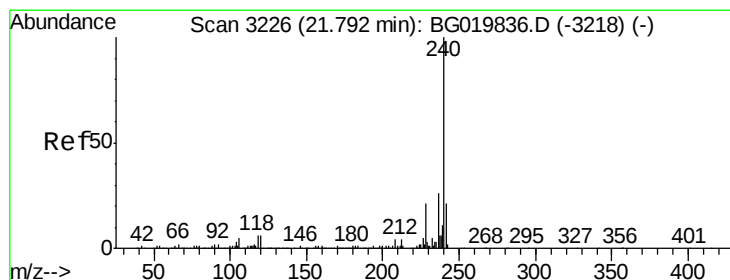
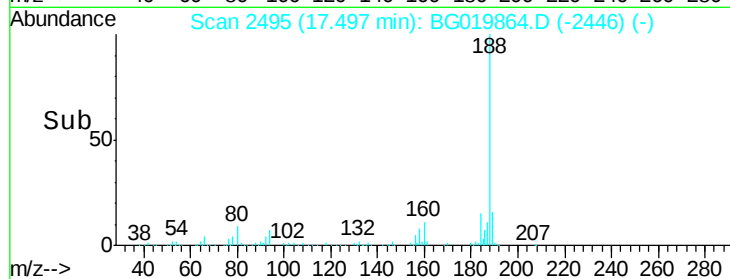
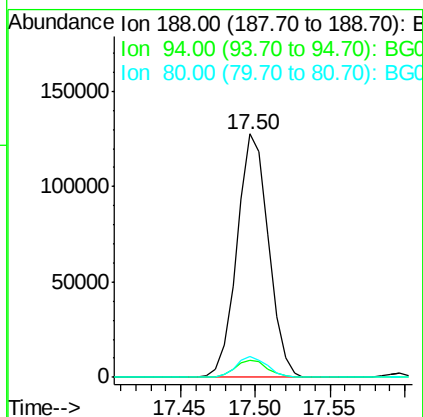
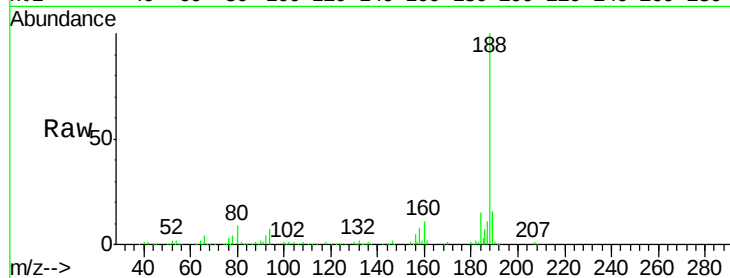




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.50 min Scan# 2495
Delta R.T. -0.01 min
Lab File: BG019864.D
Acq: 3 Dec 2015 10:51

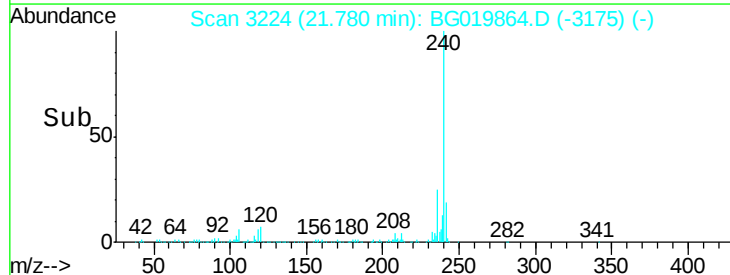
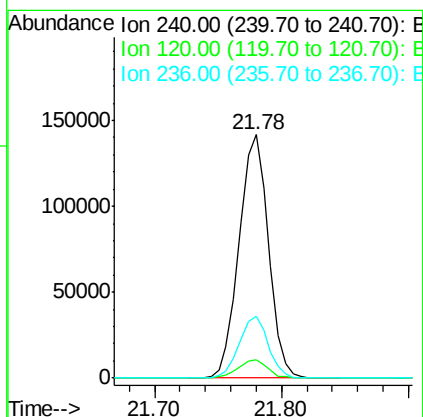
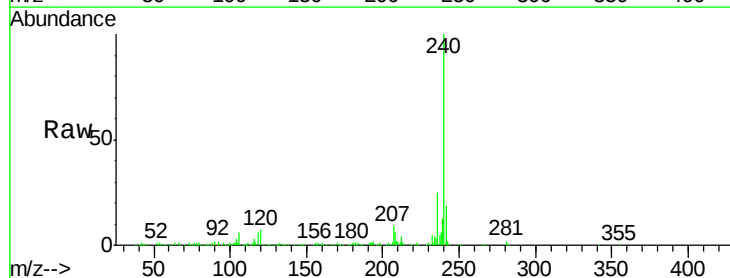
Instrument :
BNA_G
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SB-P3WC-04(0-6)

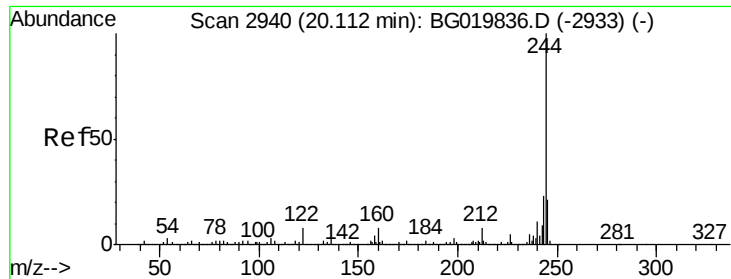
Tgt Ion:188 Resp: 186450
Ion Ratio Lower Upper
188 100
94 7.3 7.7 11.5#
80 8.7 7.8 11.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.78 min Scan# 3224
Delta R.T. -0.01 min
Lab File: BG019864.D
Acq: 3 Dec 2015 10:51

Tgt Ion:240 Resp: 227670
Ion Ratio Lower Upper
240 100
120 7.3 7.4 11.0#
236 25.3 20.7 31.1

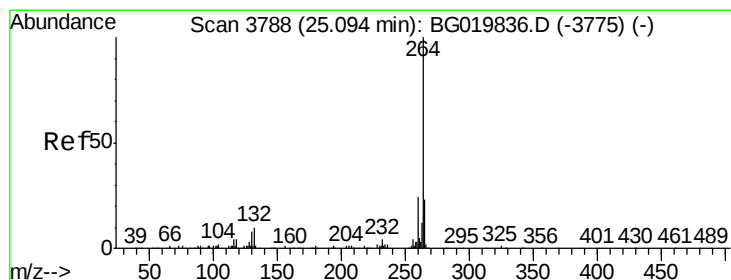
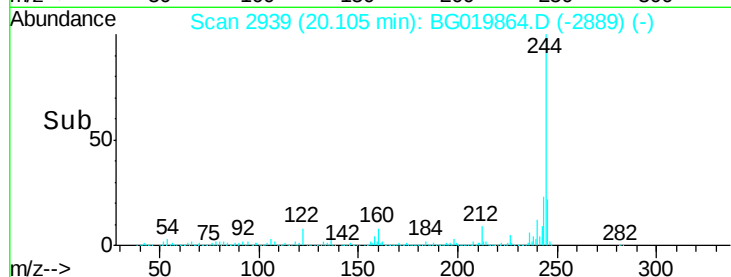
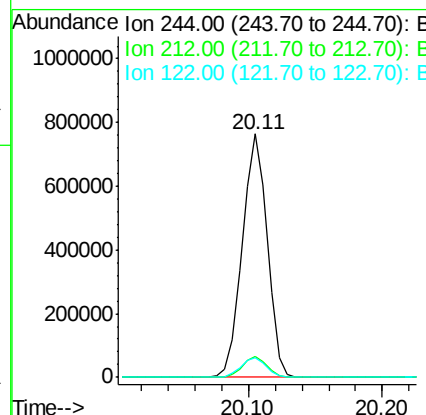
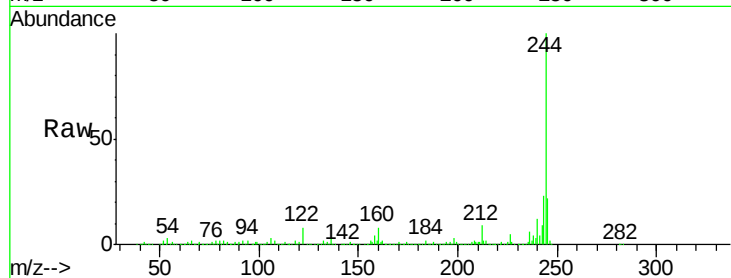




#78
 Terphenyl-d14
 Concen: 105.51 ng
 RT: 20.11 min Scan# 2939
 Delta R.T. -0.01 min
 Lab File: BG019864.D
 Acq: 3 Dec 2015 10:51

Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-04(0-6)

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.8	6.9	10.3
122	8.1	10.2	15.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.08 min Scan# 3785
 Delta R.T. -0.02 min
 Lab File: BG019864.D
 Acq: 3 Dec 2015 10:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	18.5	27.7
265	22.1	17.2	25.8

