

Data Path : Z:\HPCHEM1\BNA_G\Data\BG120215\
 Data File : BG019866.D
 Acq On : 3 Dec 2015 12:09
 Operator : UM/NP
 Sample : G4583-17
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-06(0-5)

Quant Time: Dec 03 13:17:24 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

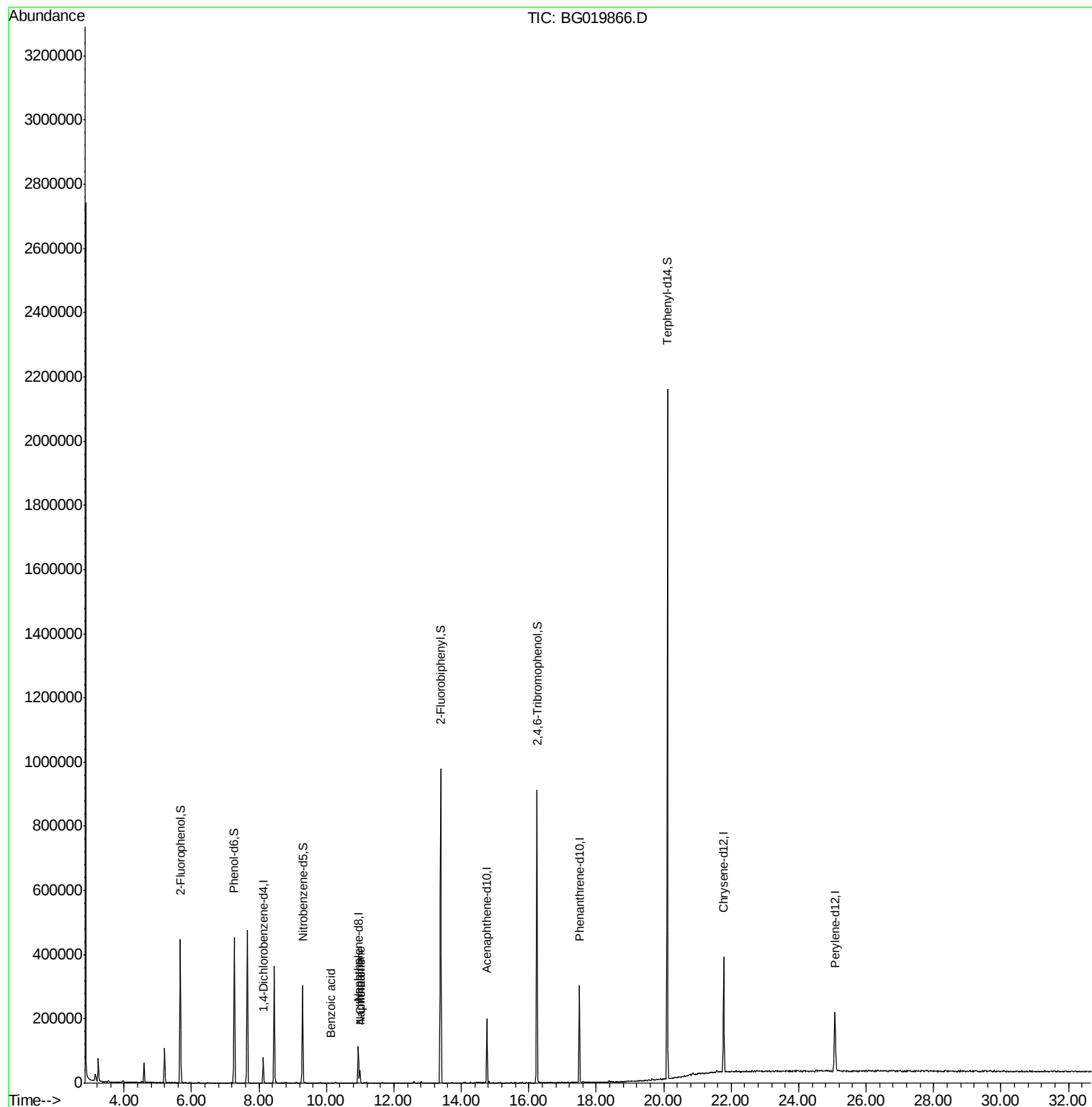
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	21738	20.00	ng	-0.01
21) Naphthalene-d8	10.95	136	89977	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	66977	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	182623	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	225575	20.00	ng	-0.02
86) Perylene-d12	25.07	264	196128	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	173993	144.66	ng	0.00
7) Phenol-d6	7.27	99	237698	130.89	ng	0.00
23) Nitrobenzene-d5	9.29	82	185647	105.30	ng	-0.01
41) 2,4,6-Tribromophenol	16.24	330	163175	159.23	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	480263	97.91	ng	0.00
78) Terphenyl-d14	20.11	244	908725	98.26	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.99	128	33454	6.94	ng	97
32) Benzoic acid	10.13	122	189	6.16	ng	93
33) 4-Chloroaniline	11.00	127	4844	2.28	ng	# 40

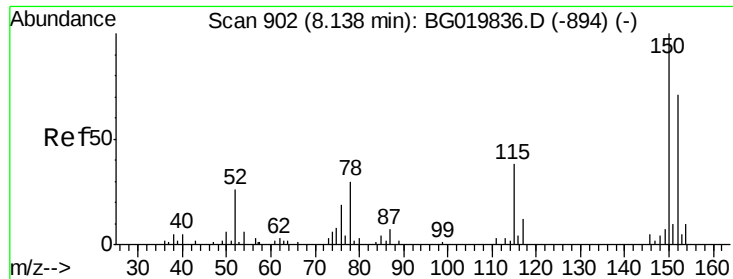
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\Data\BG120215\
Data File : BG019866.D
Acq On : 3 Dec 2015 12:09
Operator : UM/NP
Sample : G4583-17
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-P3WC-06(0-5)

Quant Time: Dec 03 13:17:24 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

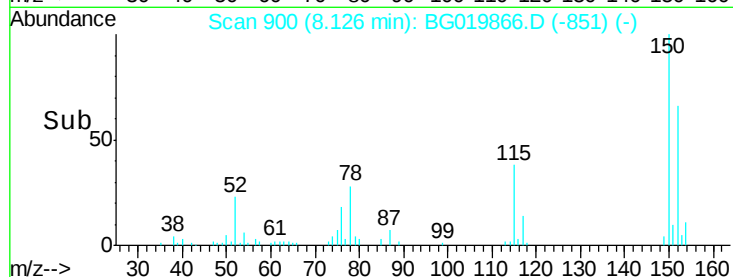
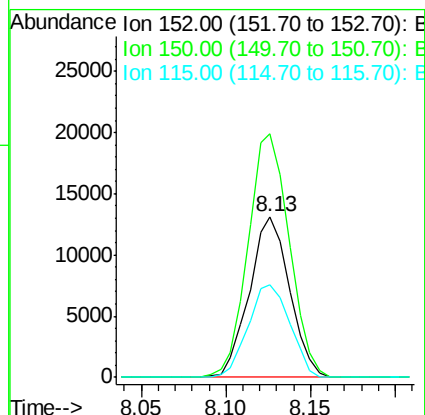
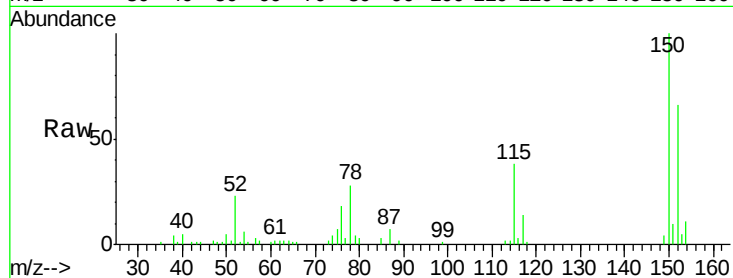




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.13 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BG019866.D
 Acq: 3 Dec 2015 12:09

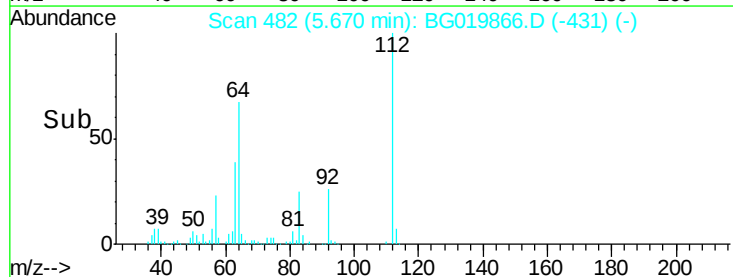
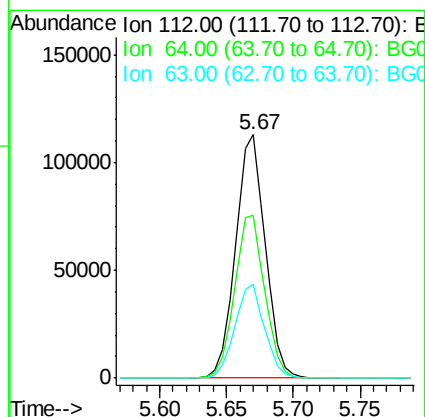
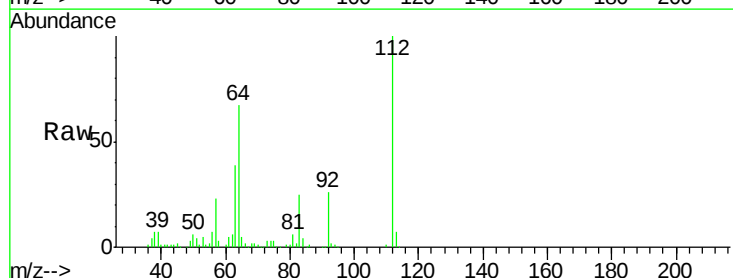
Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-06(0-5)

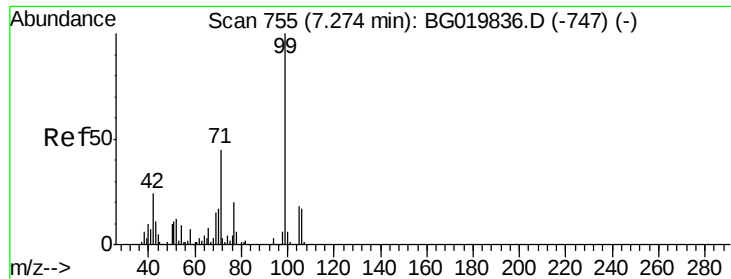
Tgt Ion:152 Resp: 21738
 Ion Ratio Lower Upper
 152 100
 150 151.2 115.0 172.4
 115 57.2 43.9 65.9



#5
 2-Fluorophenol
 Concen: 144.66 ng
 RT: 5.67 min Scan# 482
 Delta R.T. 0.00 min
 Lab File: BG019866.D
 Acq: 3 Dec 2015 12:09

Tgt Ion:112 Resp: 173993
 Ion Ratio Lower Upper
 112 100
 64 66.9 43.7 65.5#
 63 38.8 24.0 36.0#





#7

Phenol-d6

Concen: 130.89 ng

RT: 7.27 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG019866.D

Acq: 3 Dec 2015 12:09

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-06(0-5)

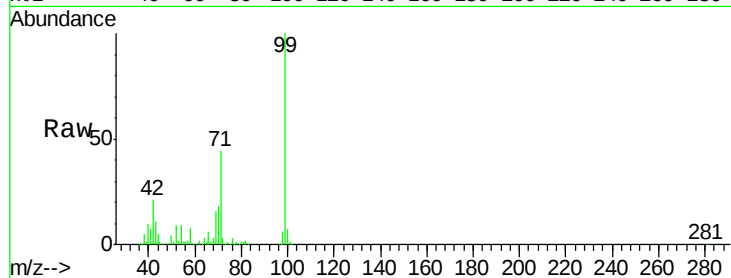
Tgt Ion: 99 Resp: 237698

Ion Ratio Lower Upper

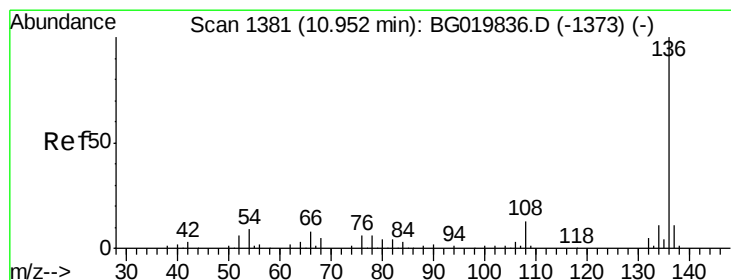
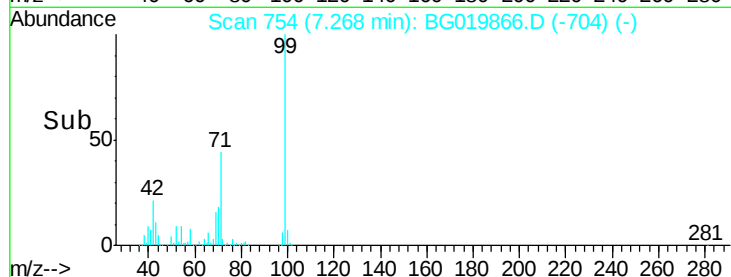
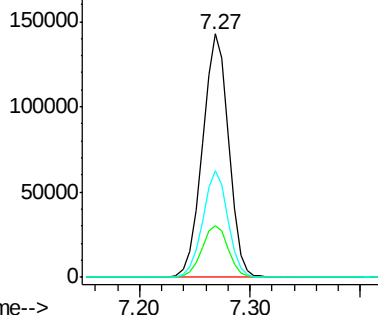
99 100

42 21.1 11.5 17.3#

71 43.8 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: BG019866.D

Acq: 3 Dec 2015 12:09

Tgt Ion: 136 Resp: 89977

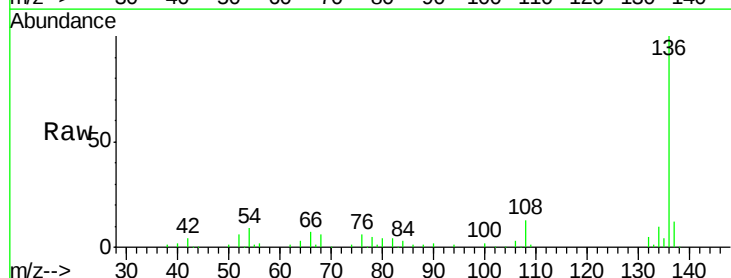
Ion Ratio Lower Upper

136 100

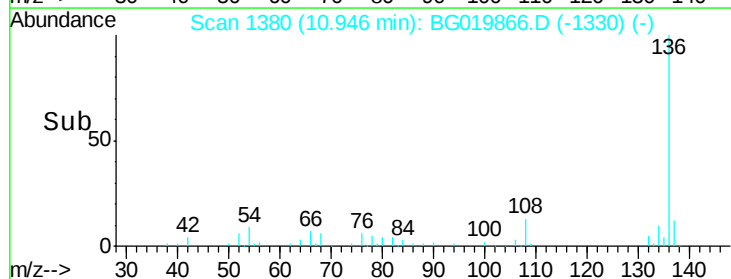
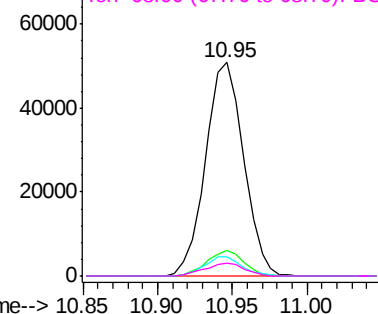
137 11.8 8.6 12.8

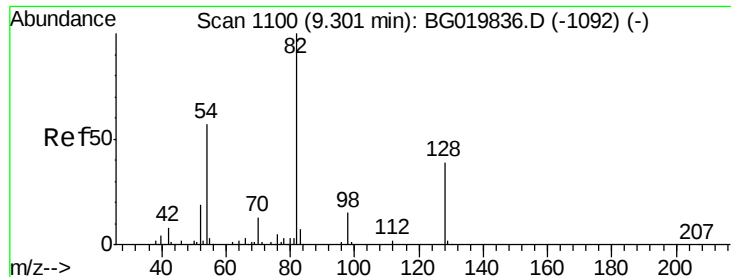
54 9.0 5.4 8.2#

68 6.2 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

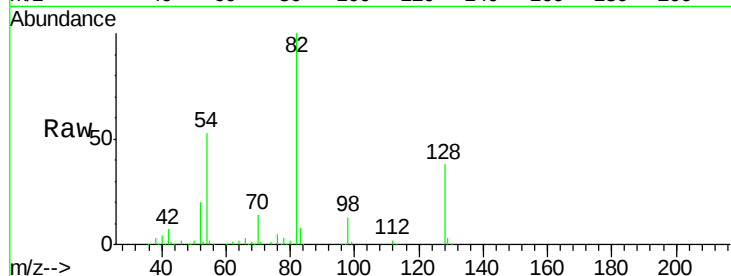




#23
 Nitrobenzene-d5
 Concen: 105.30 ng
 RT: 9.29 min Scan# 1098
 Delta R.T. -0.01 min
 Lab File: BG019866.D
 Acq: 3 Dec 2015 12:09

Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-06(0-5)

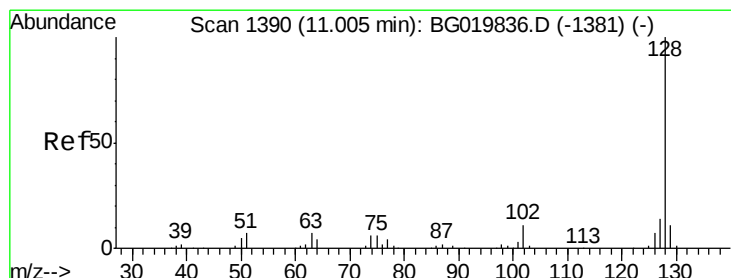
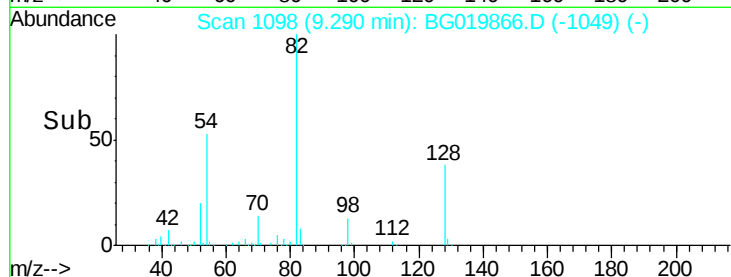
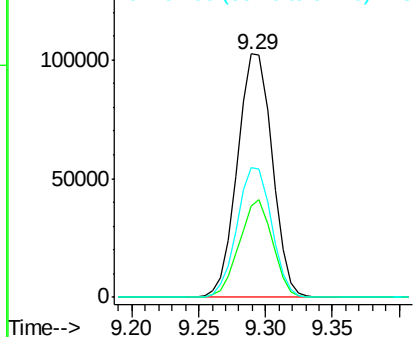
Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.6	36.7	55.1
54	53.2	33.8	50.8#



Abundance Ion 82.00 (81.70 to 82.70): BG019866.D (-1092) (-)

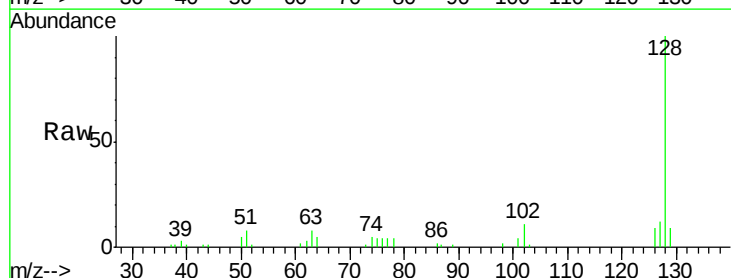
Ion 128.00 (127.70 to 128.70): BG019866.D (-1092) (-)

Ion 54.00 (53.70 to 54.70): BG019866.D (-1092) (-)



#31
 Naphthalene
 Concen: 6.94 ng
 RT: 10.99 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BG019866.D
 Acq: 3 Dec 2015 12:09

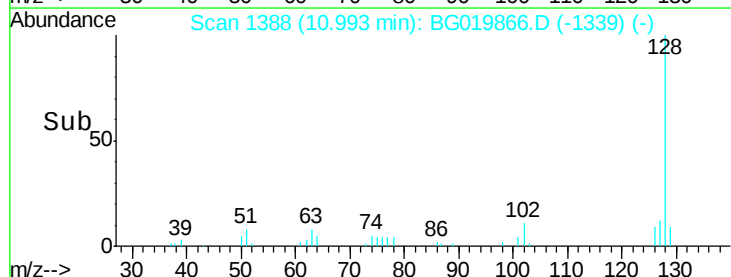
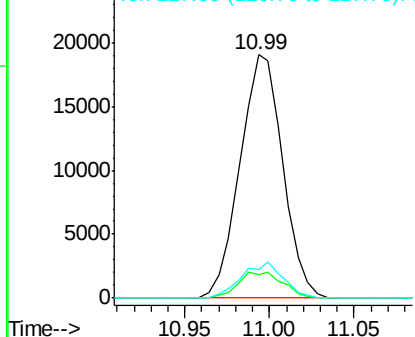
Tgt Ion	Ratio	Lower	Upper
128	100		
129	9.4	8.5	12.7
127	12.0	10.6	16.0

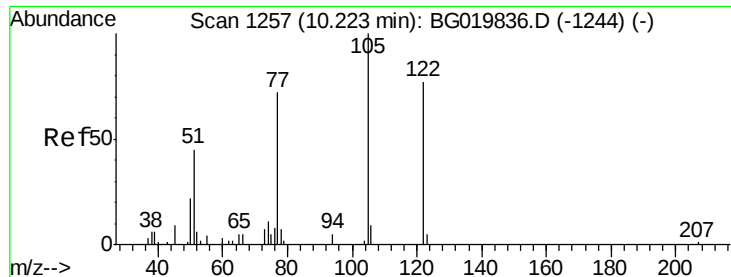


Abundance Ion 128.00 (127.70 to 128.70): BG019866.D (-1381) (-)

Ion 129.00 (128.70 to 129.70): BG019866.D (-1381) (-)

Ion 127.00 (126.70 to 127.70): BG019866.D (-1381) (-)

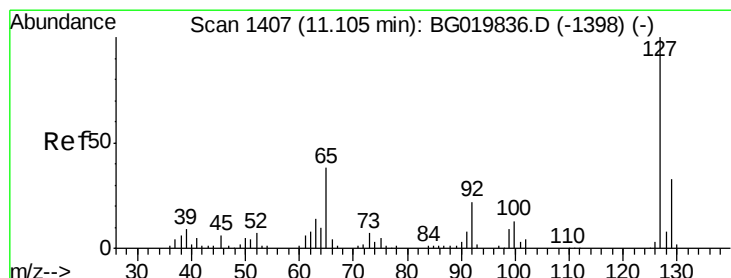
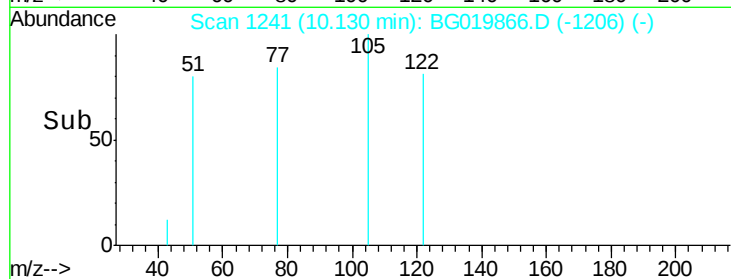
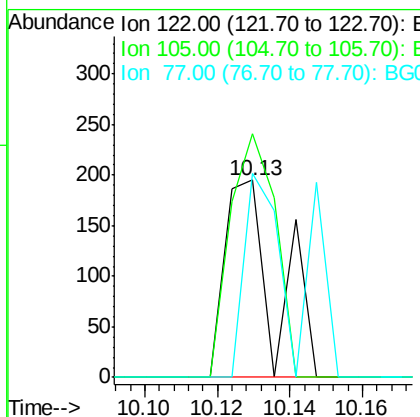
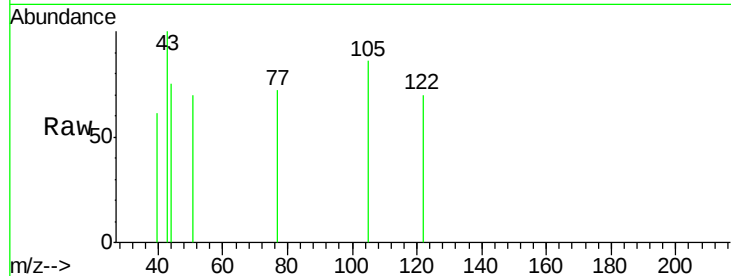




#32
Benzoic acid
Concen: 6.16 ng
RT: 10.13 min Scan# 1241
Delta R.T. -0.09 min
Lab File: BG019866.D
Acq: 3 Dec 2015 12:09

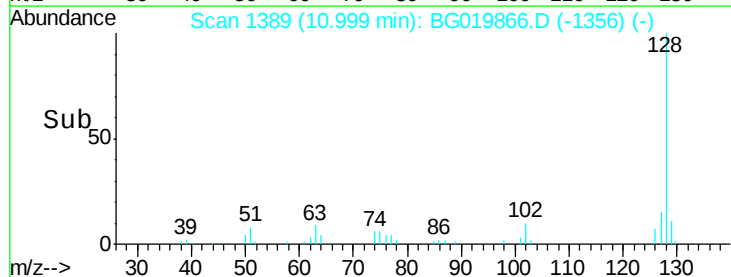
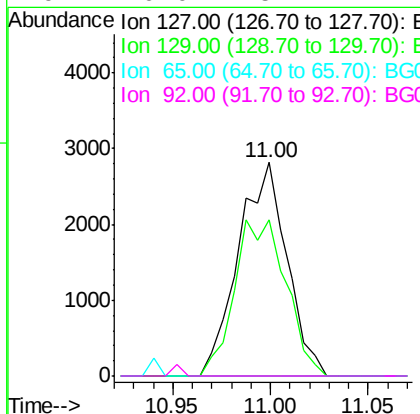
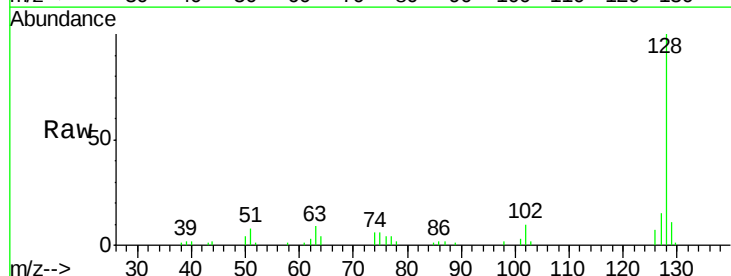
Instrument :
BNA_G
ClientSampleId :
SB-P3WC-06(0-5)

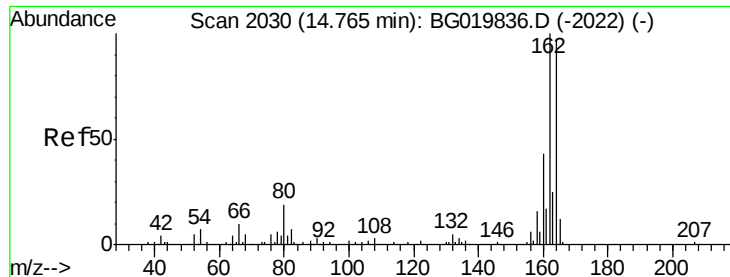
Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.6	103.8	143.8
77	103.6	68.8	108.8



#33
4-Chloroaniline
Concen: 2.28 ng
RT: 11.00 min Scan# 1389
Delta R.T. -0.11 min
Lab File: BG019866.D
Acq: 3 Dec 2015 12:09

Tgt Ion	Ratio	Lower	Upper
127	100		
129	72.9	24.6	37.0#
65	0.0	22.6	33.8#
92	0.0	15.1	22.7#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.75 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BG019866.D

Acq: 3 Dec 2015 12:09

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-06(0-5)

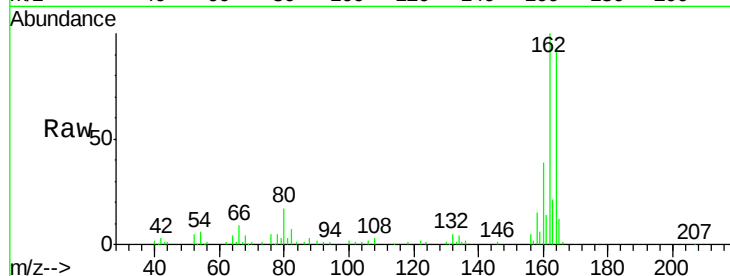
Tgt Ion:164 Resp: 66977

Ion Ratio Lower Upper

164 100

162 107.3 78.8 118.2

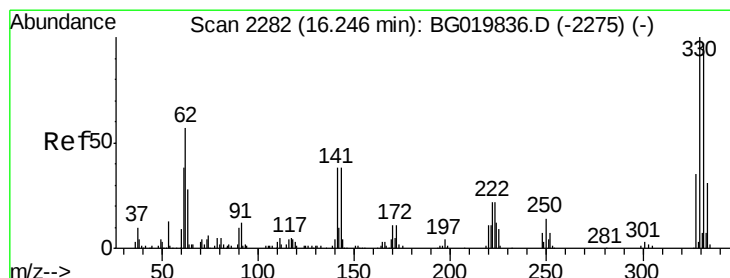
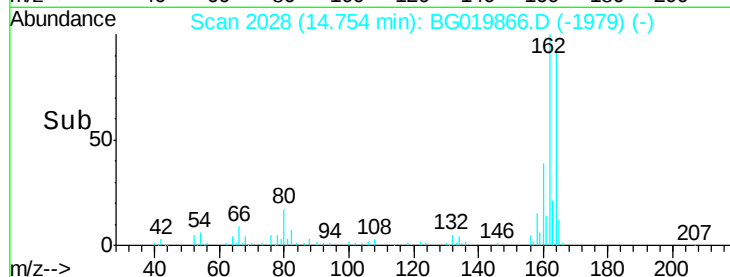
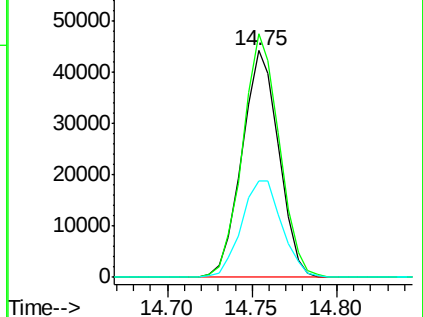
160 42.2 36.4 54.6



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: 159.23 ng

RT: 16.24 min Scan# 2281

Delta R.T. -0.00 min

Lab File: BG019866.D

Acq: 3 Dec 2015 12:09

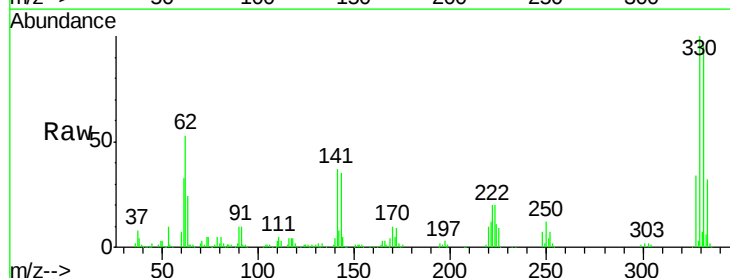
Tgt Ion:330 Resp: 163175

Ion Ratio Lower Upper

330 100

332 96.0 78.1 117.1

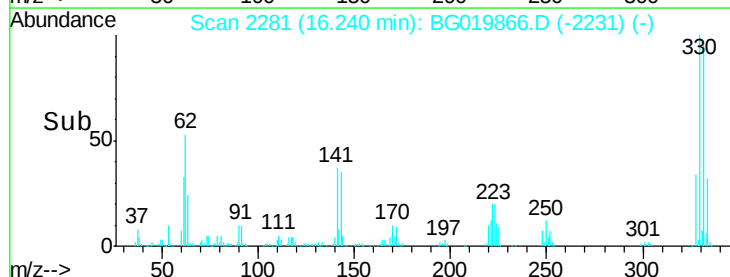
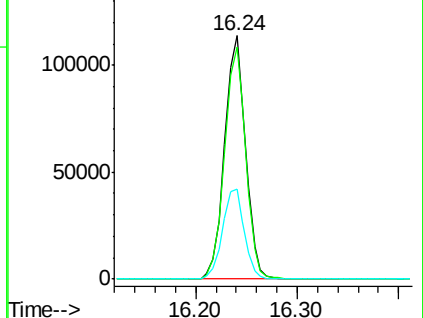
141 38.3 28.2 42.2

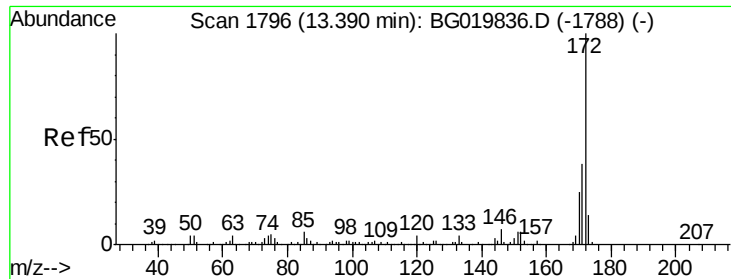


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

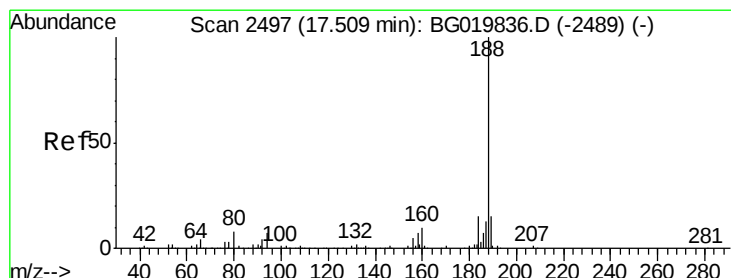
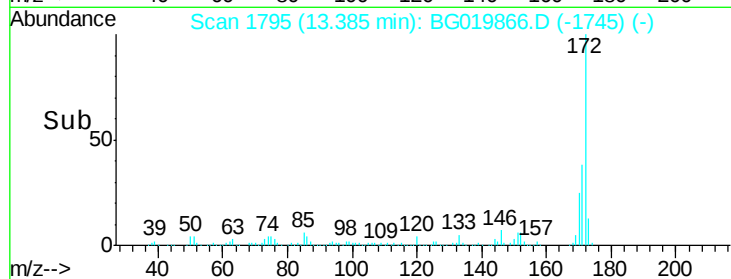
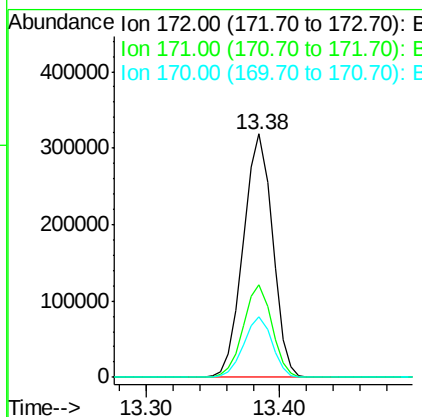
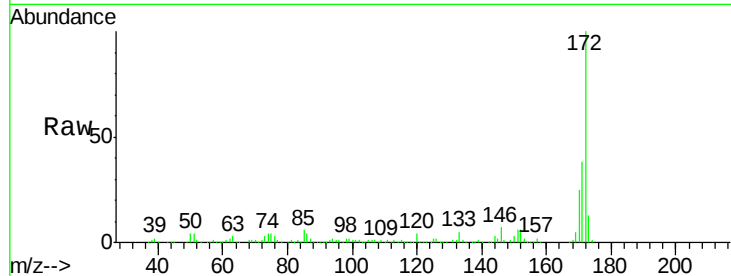




#44
 2-Fluorobiphenyl
 Concen: 97.91 ng
 RT: 13.38 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BG019866.D
 Acq: 3 Dec 2015 12:09

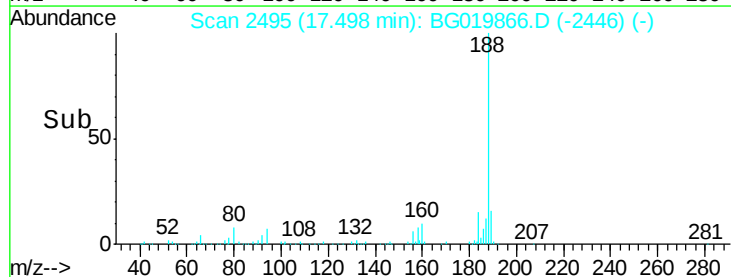
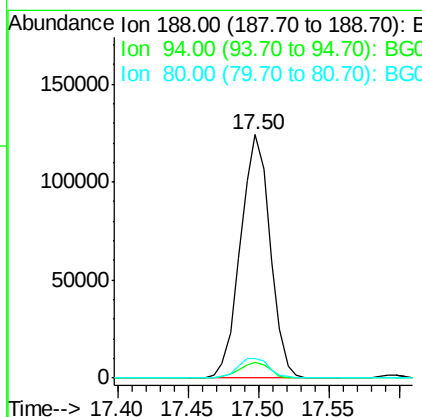
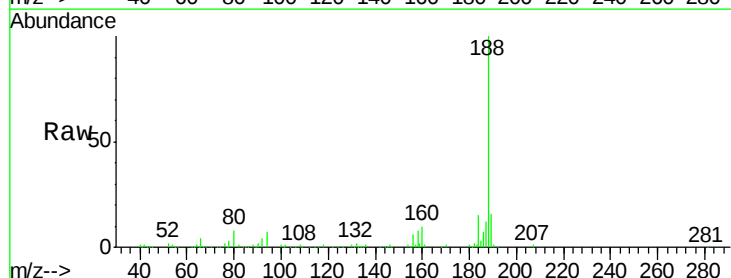
Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-06(0-5)

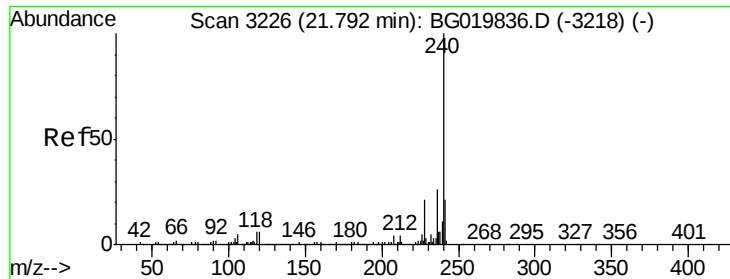
Tgt Ion:172 Resp: 480263
 Ion Ratio Lower Upper
 172 100
 171 37.9 29.0 43.6
 170 25.1 19.9 29.9



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.50 min Scan# 2495
 Delta R.T. -0.01 min
 Lab File: BG019866.D
 Acq: 3 Dec 2015 12:09

Tgt Ion:188 Resp: 182623
 Ion Ratio Lower Upper
 188 100
 94 6.6 7.7 11.5#
 80 8.0 7.8 11.8

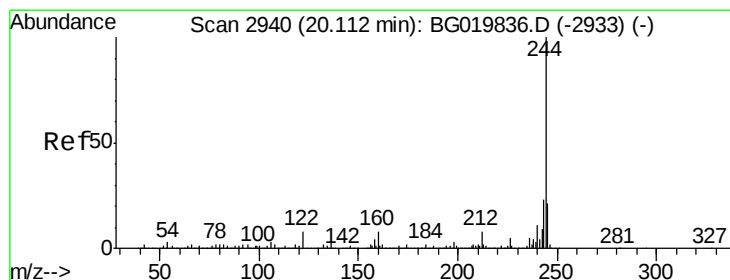
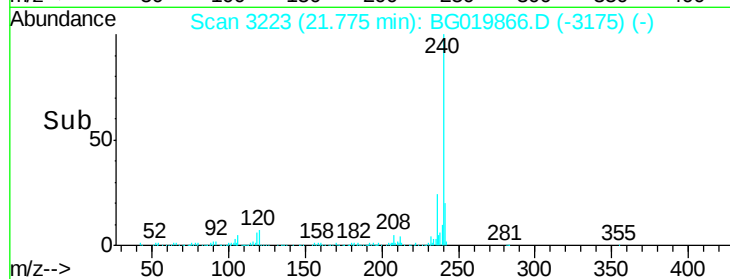
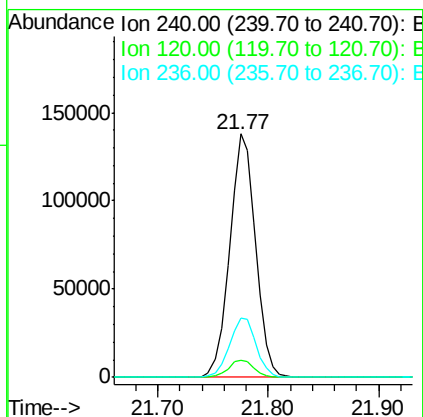
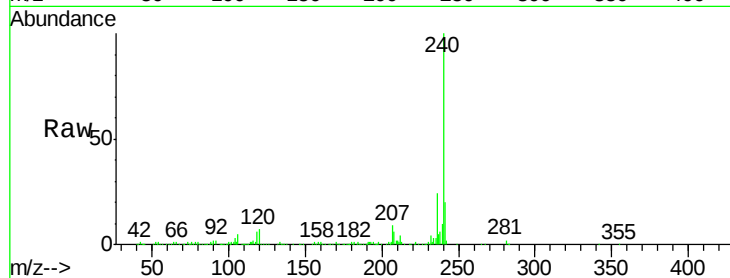




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.77 min Scan# 3223
 Delta R.T. -0.02 min
 Lab File: BG019866.D
 Acq: 3 Dec 2015 12:09

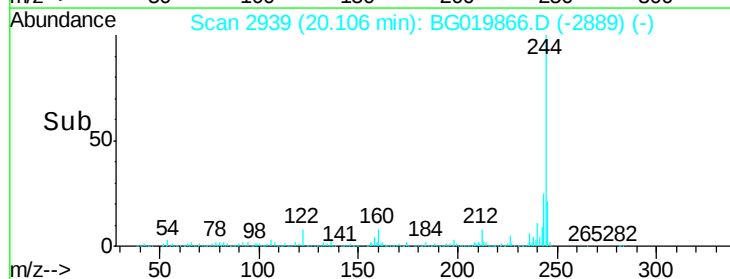
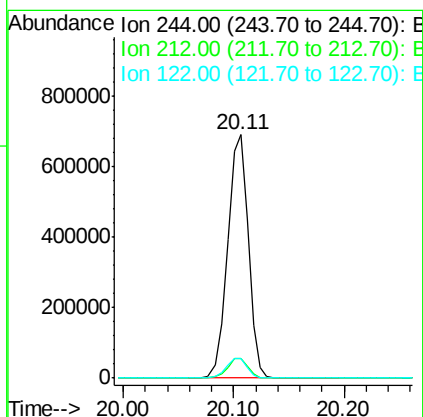
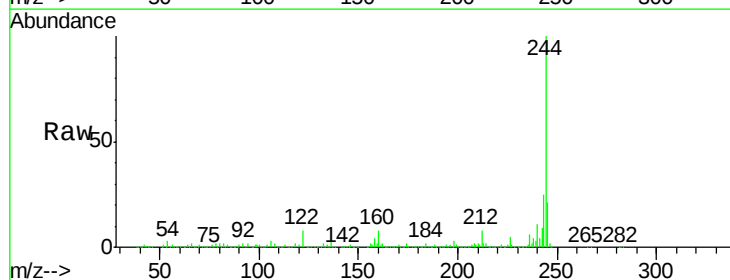
Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-06(0-5)

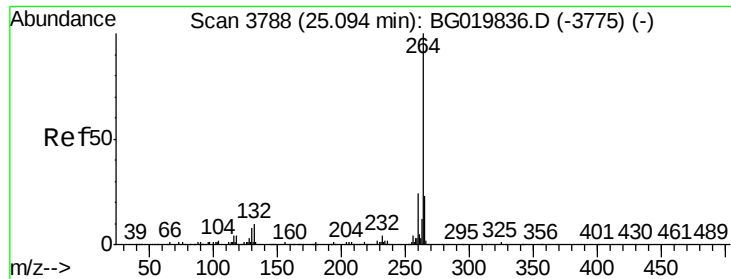
Tgt Ion:240 Resp: 225575
 Ion Ratio Lower Upper
 240 100
 120 6.9 7.4 11.0#
 236 24.4 20.7 31.1



#78
 Terphenyl-d14
 Concen: 98.26 ng
 RT: 20.11 min Scan# 2939
 Delta R.T. -0.00 min
 Lab File: BG019866.D
 Acq: 3 Dec 2015 12:09

Tgt Ion:244 Resp: 908725
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.9 10.3
 122 8.0 10.2 15.2#

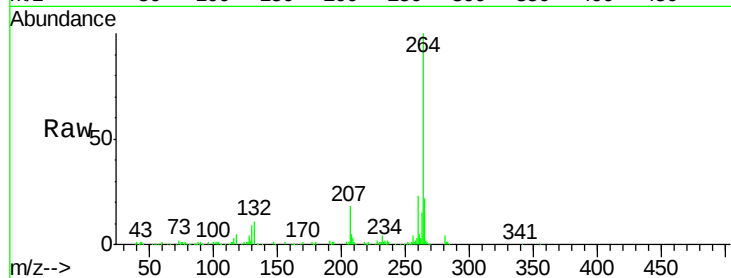




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.07 min Scan# 3784
Delta R.T. -0.02 min
Lab File: BG019866.D
Acq: 3 Dec 2015 12:09

Instrument :
BNA_G
ClientSampleId :
SB-P3WC-06(0-5)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.5	27.7
265	22.4	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

