

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120215\
 Data File : BG019869.D
 Acq On : 3 Dec 2015 14:05
 Operator : UM/NP
 Sample : G4583-20
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-09(0-8)

Quant Time: Dec 03 16:17:57 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

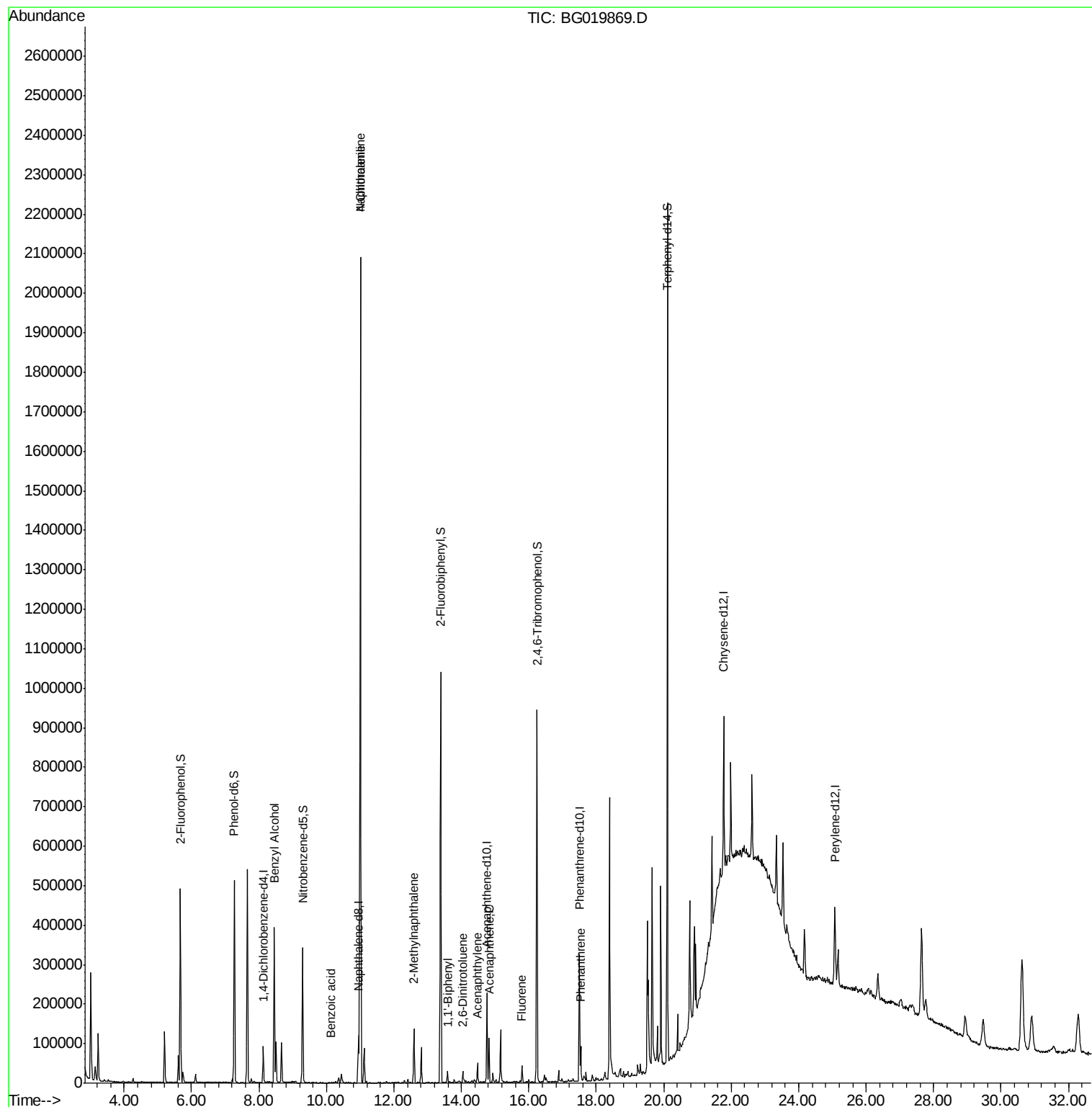
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	24027	20.00	ng	-0.01
21) Naphthalene-d8	10.95	136	103654	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	74792	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	192778	20.00	ng	-0.01
75) Chrysene-d12	21.78	240	238682	20.00	ng	-0.01
86) Perylene-d12	25.07	264	217169	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	194037	145.96	ng	0.00
7) Phenol-d6	7.27	99	274531	136.77	ng	0.00
23) Nitrobenzene-d5	9.29	82	208991	102.90	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	168938	147.62	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	520529	95.03	ng	0.00
78) Terphenyl-d14	20.11	244	911972	93.20	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.45	79	3683	2.09	ng	Qvalue # 64
31) Naphthalene	11.00	128	1663545	299.58	ng	94
32) Benzoic acid	10.13	122	139	6.10	ng	86
33) 4-Chloroaniline	11.00	127	249659	102.03	ng	# 35
37) 2-Methylnaphthalene	12.59	142	62281	15.30	ng	# 93
45) 1,1'-Biphenyl	13.59	154	15489	2.52	ng	99
48) Acenaphthylene	14.48	152	32490	4.03	ng	# 94
50) 2,6-Dinitrotoluene	14.04	165	3095	2.45	ng	# 36
51) Acenaphthene	14.82	154	40137	8.21	ng	90
57) Fluorene	15.80	166	17613	2.70	ng	99
70) Phenanthrene	17.54	178	54019	4.95	ng	98

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

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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: BG019869.D

Acq: 3 Dec 2015 14:05

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-09(0-8)

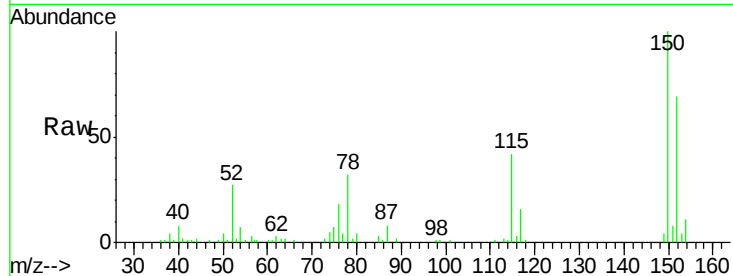
Tgt Ion:152 Resp: 24027

Ion Ratio Lower Upper

152 100

150 144.1 115.0 172.4

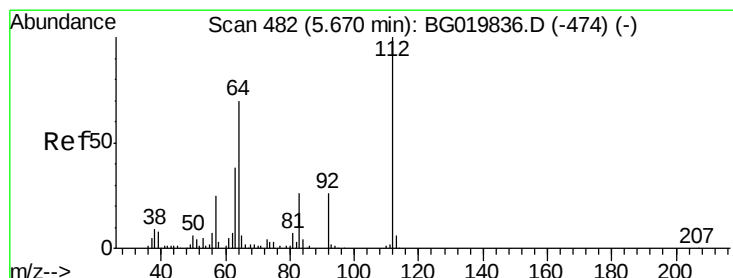
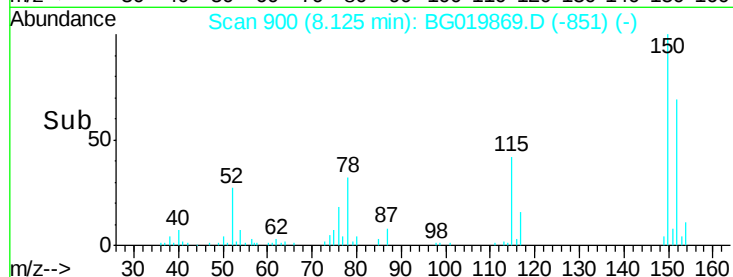
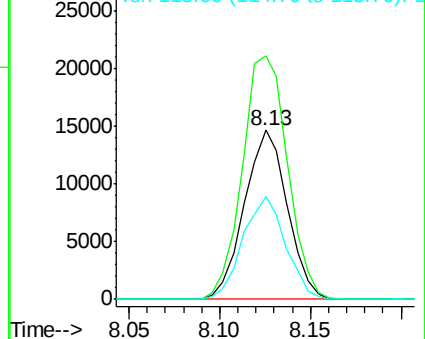
115 60.8 43.9 65.9



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: 145.96 ng

RT: 5.67 min Scan# 482

Delta R.T. 0.00 min

Lab File: BG019869.D

Acq: 3 Dec 2015 14:05

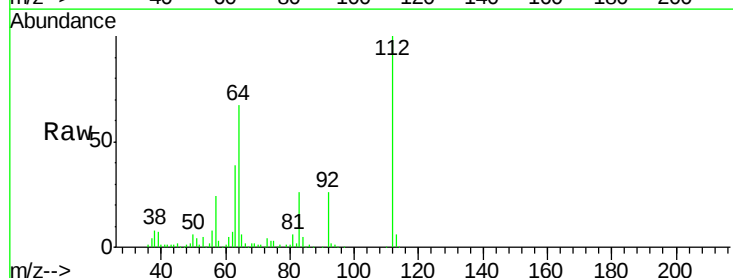
Tgt Ion:112 Resp: 194037

Ion Ratio Lower Upper

112 100

64 67.4 43.7 65.5#

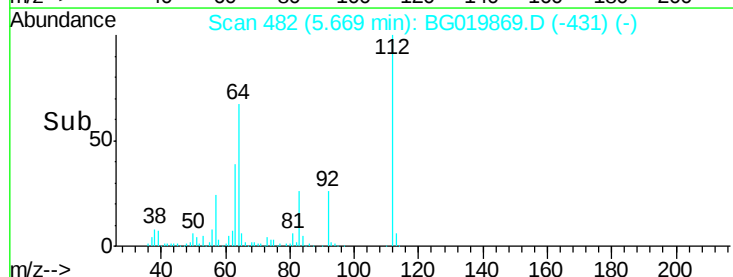
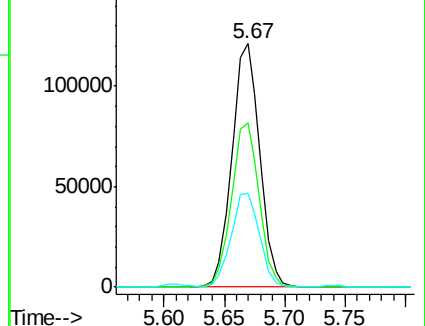
63 38.8 24.0 36.0#

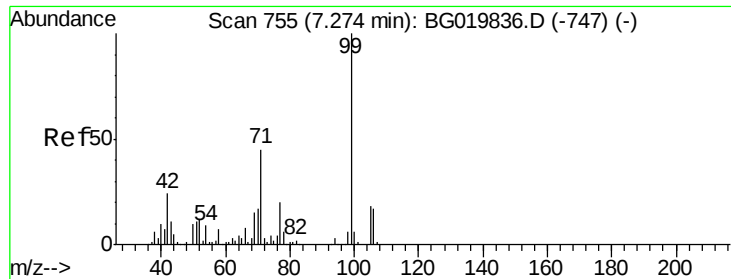


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 136.77 ng

RT: 7.27 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG019869.D

Acq: 3 Dec 2015 14:05

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-09(0-8)

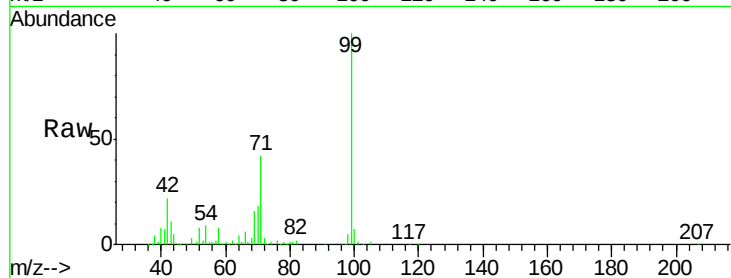
Tgt Ion: 99 Resp: 274531

Ion Ratio Lower Upper

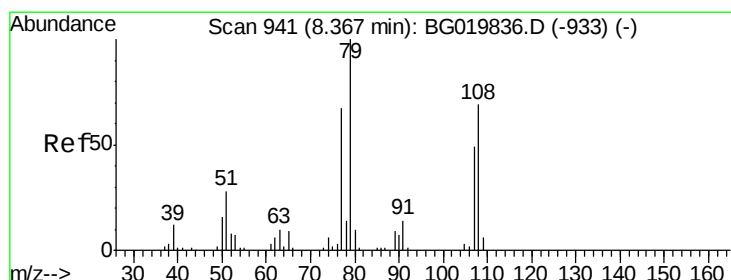
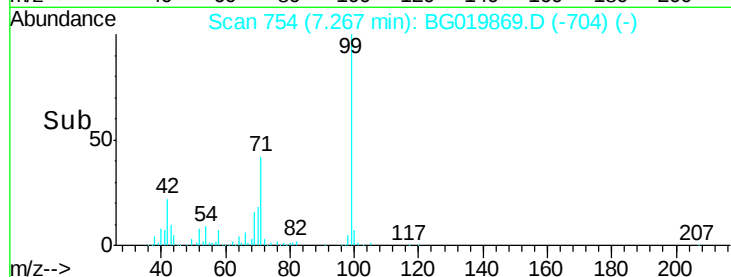
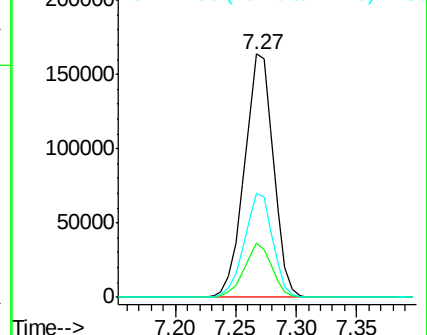
99 100

42 22.1 11.5 17.3#

71 42.5 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



#15

Benzyl Alcohol

Concen: 2.09 ng

RT: 8.45 min Scan# 955

Delta R.T. 0.08 min

Lab File: BG019869.D

Acq: 3 Dec 2015 14:05

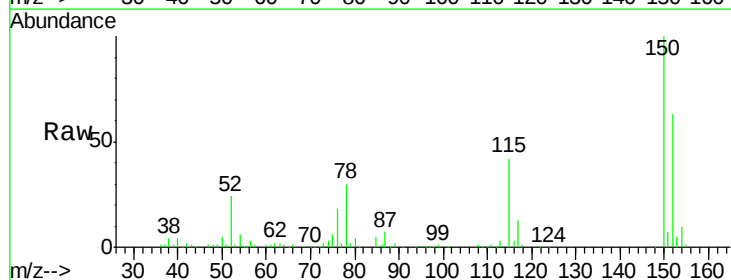
Tgt Ion: 79 Resp: 3683

Ion Ratio Lower Upper

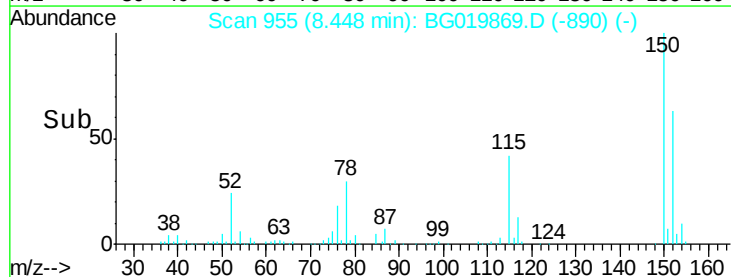
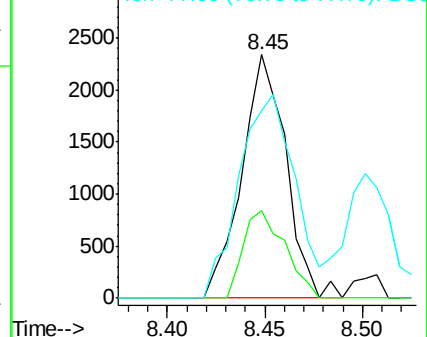
79 100

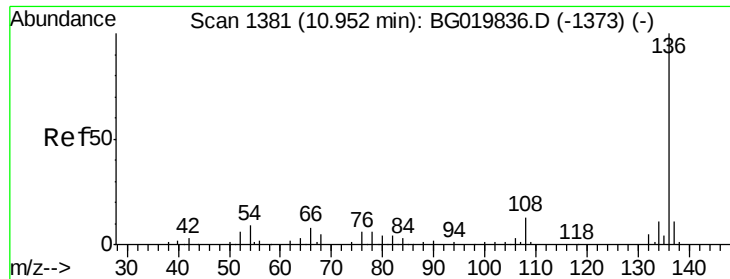
108 35.7 65.5 98.3#

77 76.9 51.3 76.9



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

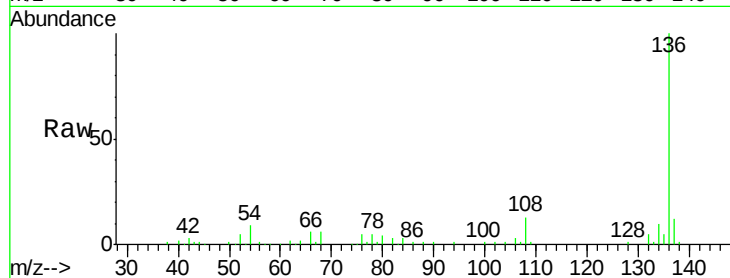




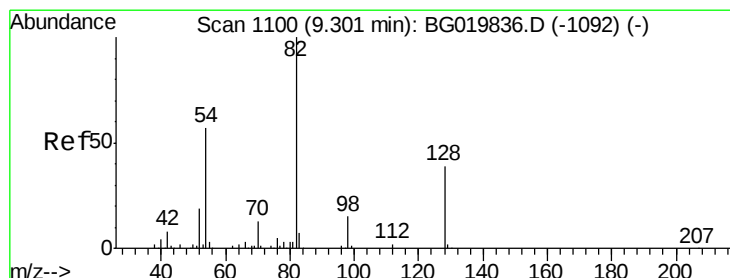
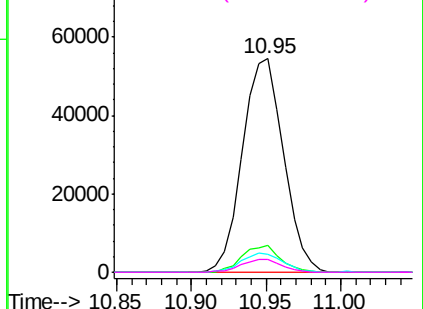
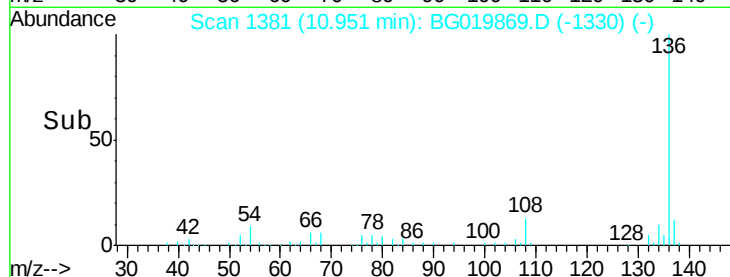
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.95 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BG019869.D
Acq: 3 Dec 2015 14:05

Instrument :
BNA_G
ClientSampleId :
SB-P3WC-09(0-8)

Tgt Ion:	136	Resp:	103654
Ion	Ratio	Lower	Upper
136	100		
137	12.4	8.6	12.8
54	8.5	5.4	8.2#
68	6.3	5.3	7.9

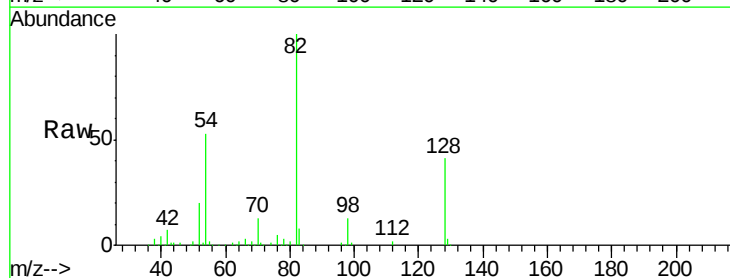


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

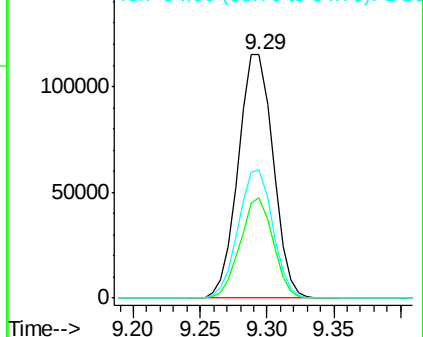
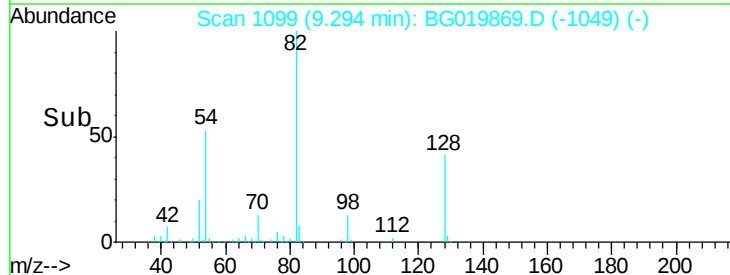


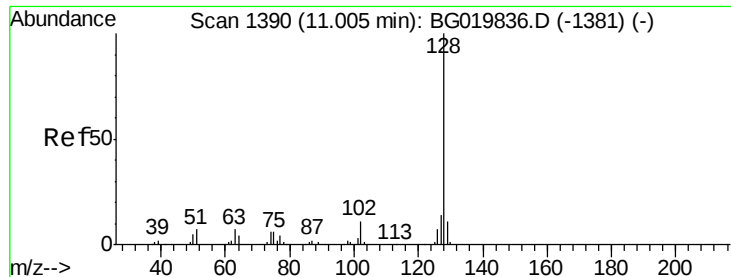
#23
Nitrobenzene-d5
Concen: 102.90 ng
RT: 9.29 min Scan# 1099
Delta R.T. -0.01 min
Lab File: BG019869.D
Acq: 3 Dec 2015 14:05

Tgt Ion:	82	Resp:	208991
Ion	Ratio	Lower	Upper
82	100		
128	41.3	36.7	55.1
54	52.6	33.8	50.8#



Abundance Ion 82.00 (81.70 to 82.70): B
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): B

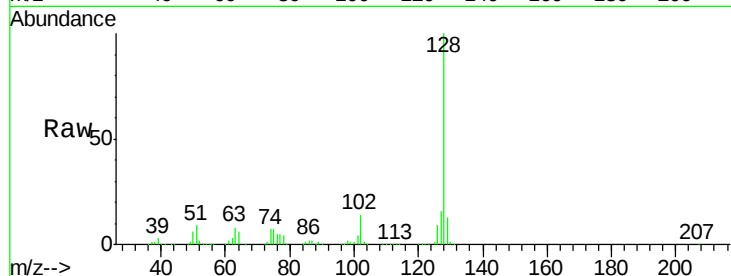




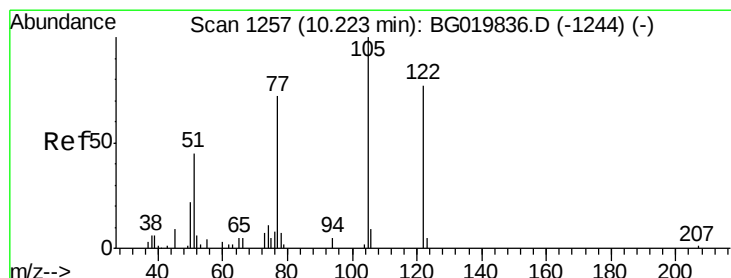
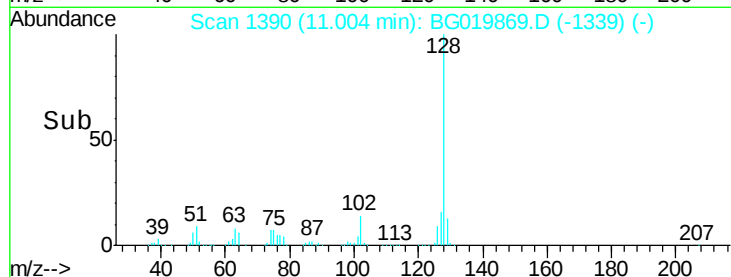
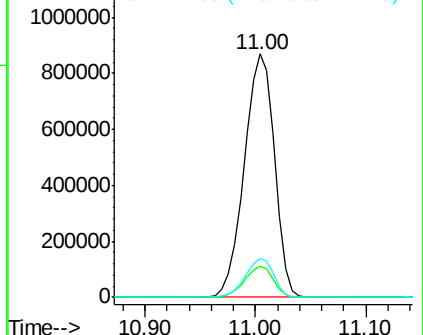
#31
Naphthalene
Concen: 299.58 ng
RT: 11.00 min Scan# 1390
Delta R.T. -0.00 min
Lab File: BG019869.D
Acq: 3 Dec 2015 14:05

Instrument :
BNA_G
ClientSampleId :
SB-P3WC-09(0-8)

Tgt Ion:128 Resp: 1663545
Ion Ratio Lower Upper
128 100
129 12.7 8.5 12.7
127 15.9 10.6 16.0

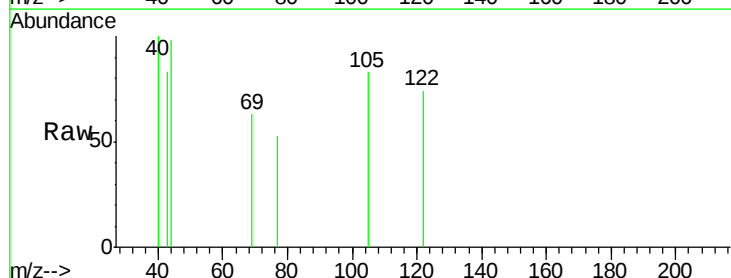


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

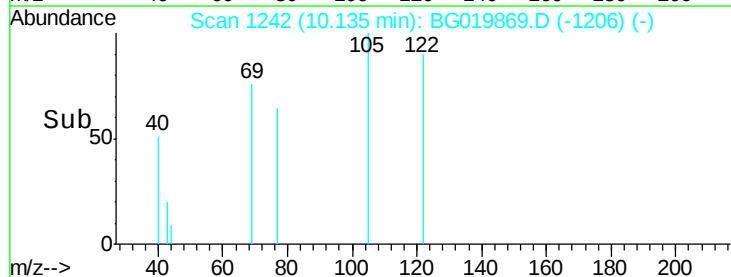
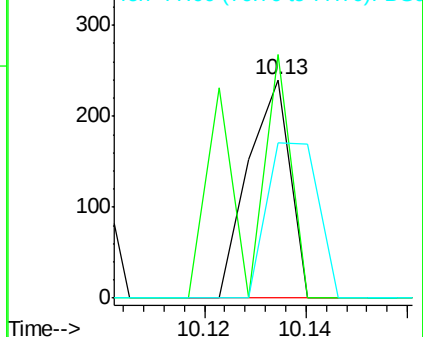


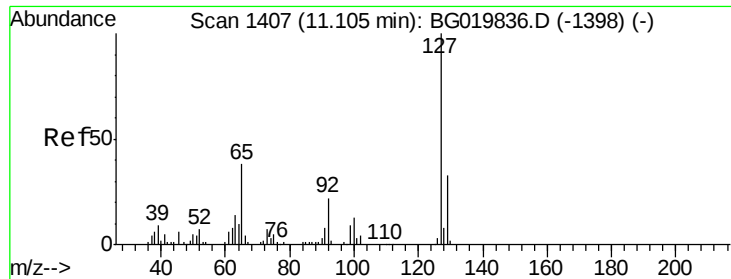
#32
Benzoic acid
Concen: 6.10 ng
RT: 10.13 min Scan# 1242
Delta R.T. -0.09 min
Lab File: BG019869.D
Acq: 3 Dec 2015 14:05

Tgt Ion:122 Resp: 139
Ion Ratio Lower Upper
122 100
105 111.7 103.8 143.8
77 71.3 68.8 108.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

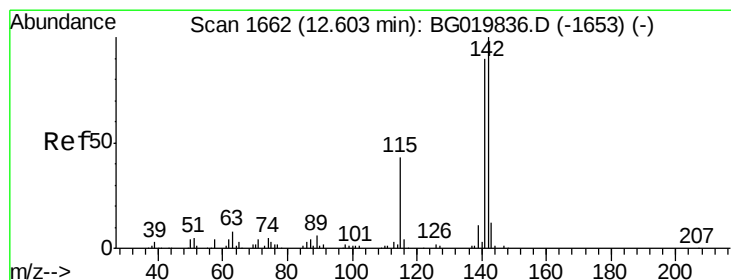
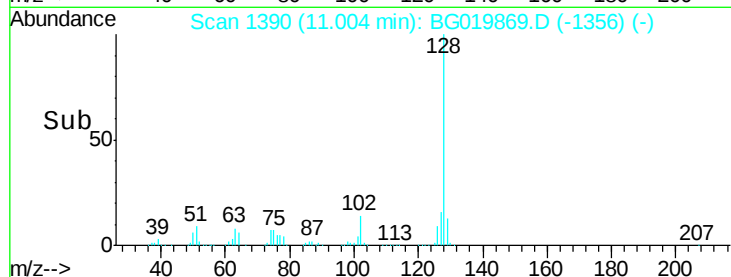
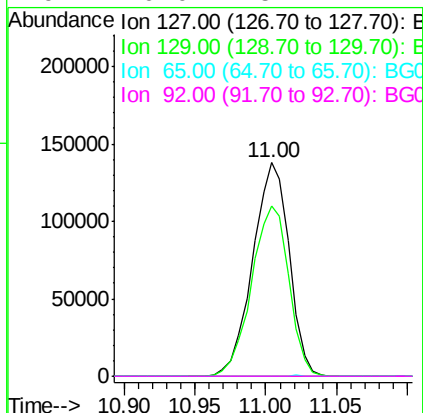
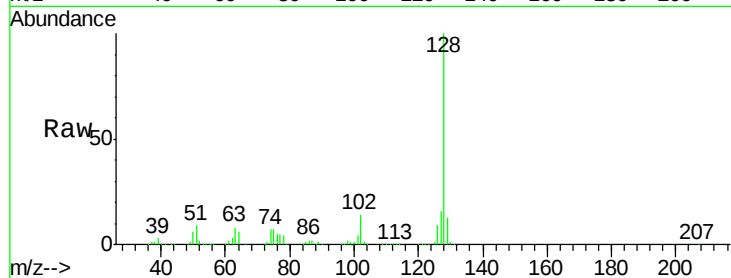




#33
4-Chloroaniline
Concen: 102.03 ng
RT: 11.00 min Scan# 1390
Delta R.T. -0.10 min
Lab File: BG019869.D
Acq: 3 Dec 2015 14:05

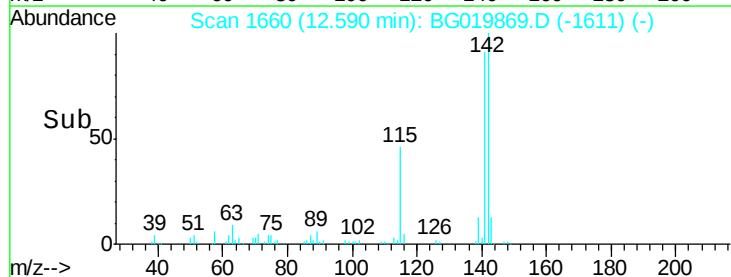
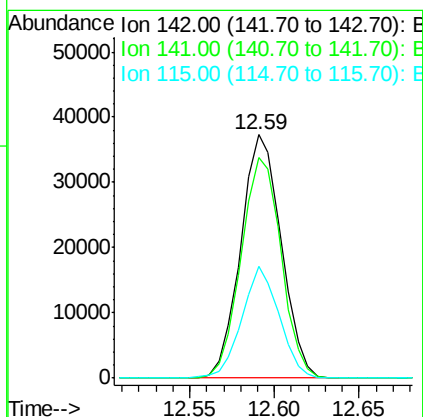
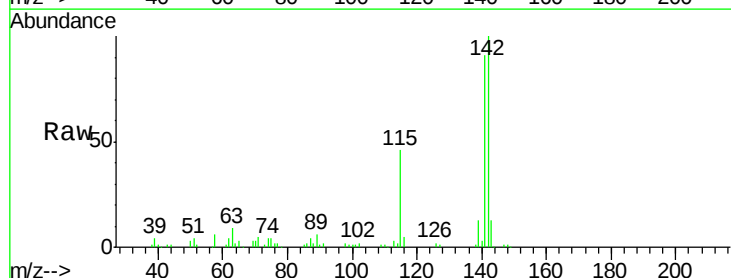
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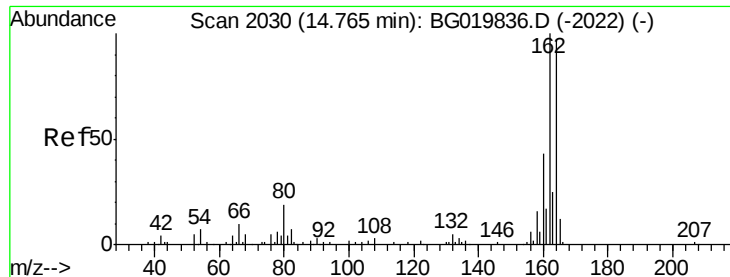
Tgt Ion	Ratio	Lower	Upper
127	100		
129	80.0	24.6	37.0#
65	0.0	22.6	33.8#
92	0.0	15.1	22.7#



#37
2-Methylnaphthalene
Concen: 15.30 ng
RT: 12.59 min Scan# 1660
Delta R.T. -0.01 min
Lab File: BG019869.D
Acq: 3 Dec 2015 14:05

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.8	74.6	112.0
115	45.8	27.4	41.0#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.75 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BG019869.D

Acq: 3 Dec 2015 14:05

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-09(0-8)

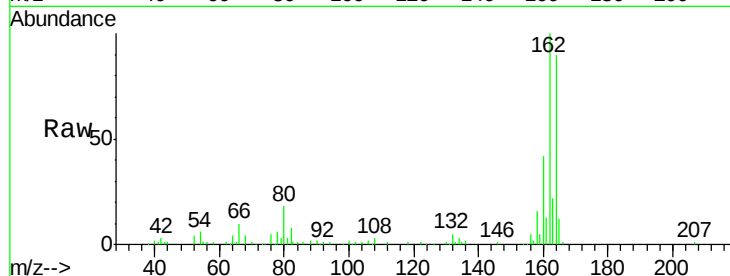
Tgt Ion:164 Resp: 74792

Ion Ratio Lower Upper

164 100

162 110.6 78.8 118.2

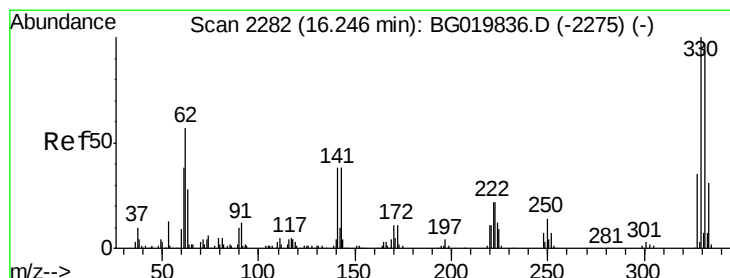
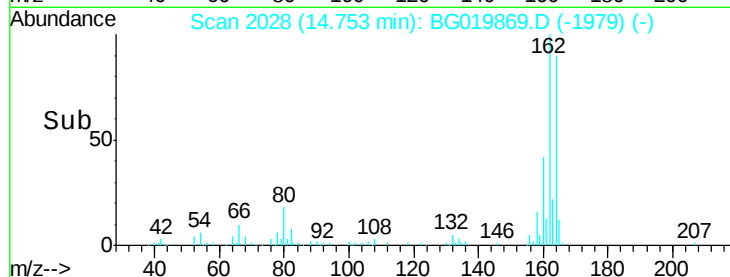
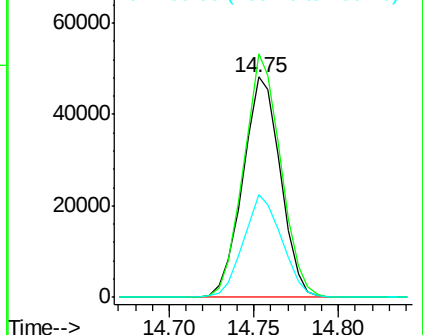
160 46.5 36.4 54.6



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: 147.62 ng

RT: 16.24 min Scan# 2281

Delta R.T. -0.01 min

Lab File: BG019869.D

Acq: 3 Dec 2015 14:05

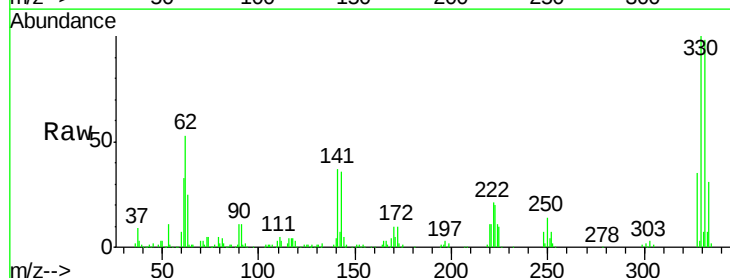
Tgt Ion:330 Resp: 168938

Ion Ratio Lower Upper

330 100

332 96.4 78.1 117.1

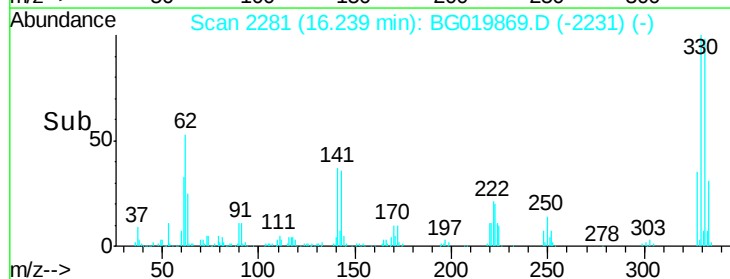
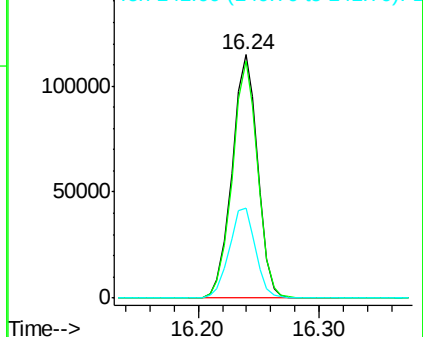
141 38.0 28.2 42.2

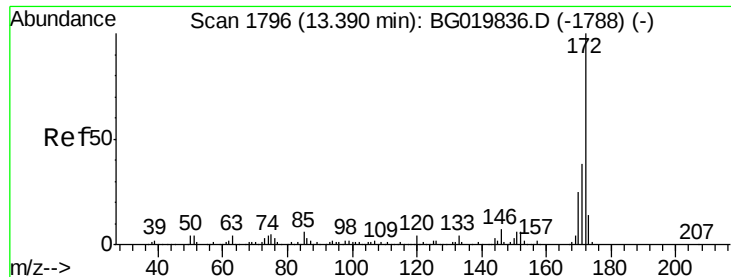


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 95.03 ng

RT: 13.38 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BG019869.D

Acq: 3 Dec 2015 14:05

Instrument :

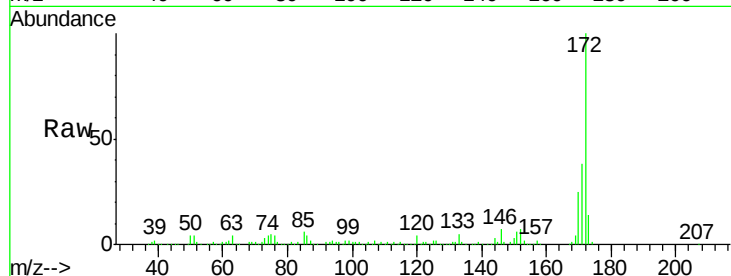
BNA_G

ClientSampleId :

SB-P3WC-09(0-8)

Tgt Ion:172 Resp: 520529

Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.0	43.6
170	24.6	19.9	29.9

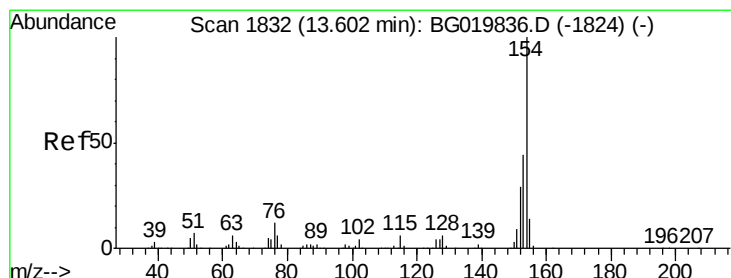
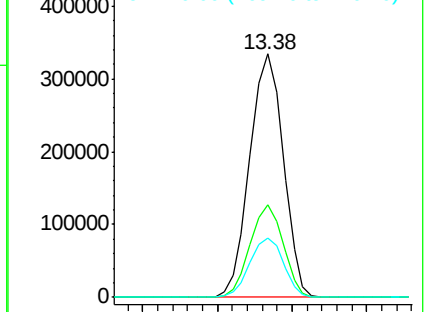
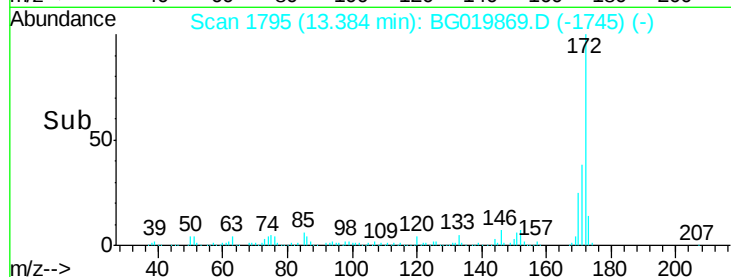


Abundance

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



#45

1,1'-Biphenyl

Concen: 2.52 ng

RT: 13.59 min Scan# 1830

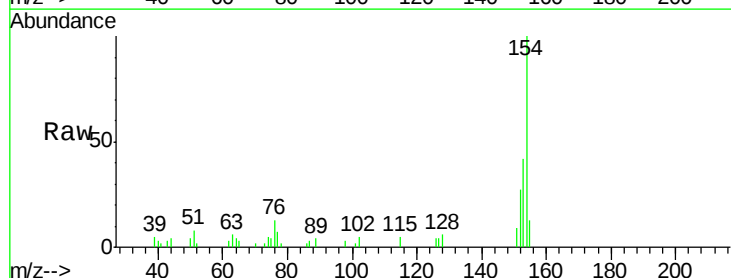
Delta R.T. -0.01 min

Lab File: BG019869.D

Acq: 3 Dec 2015 14:05

Tgt Ion:154 Resp: 15489

Ion	Ratio	Lower	Upper
154	100		
153	42.1	21.9	61.9
76	12.7	0.0	33.2

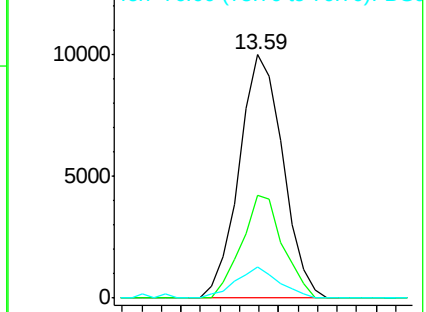
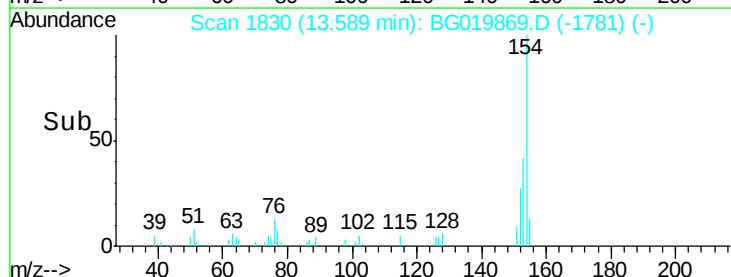


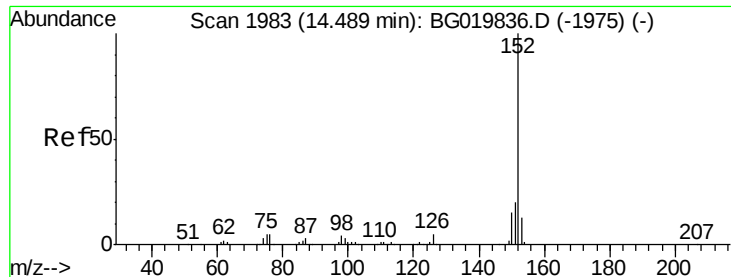
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





#48

Acenaphthylene

Concen: 4.03 ng

RT: 14.48 min Scan# 1981

Delta R.T. -0.01 min

Lab File: BG019869.D

Acq: 3 Dec 2015 14:05

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-09(0-8)

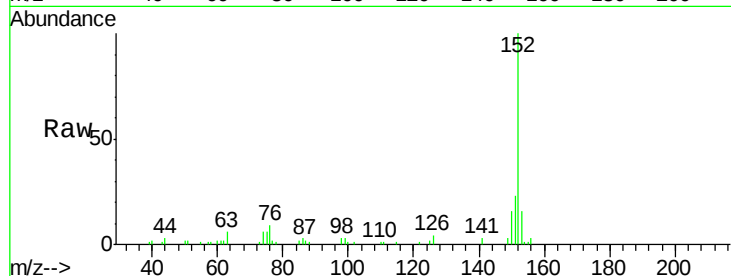
Tgt Ion:152 Resp: 32490

Ion Ratio Lower Upper

152 100

151 23.4 17.0 25.4

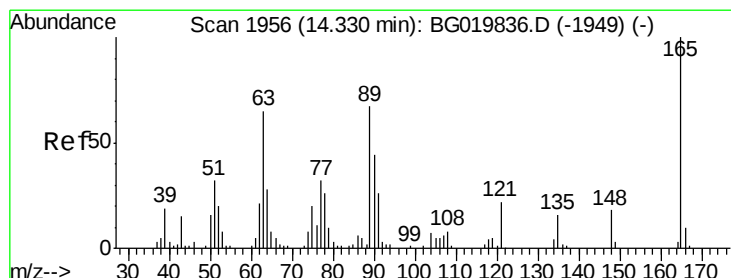
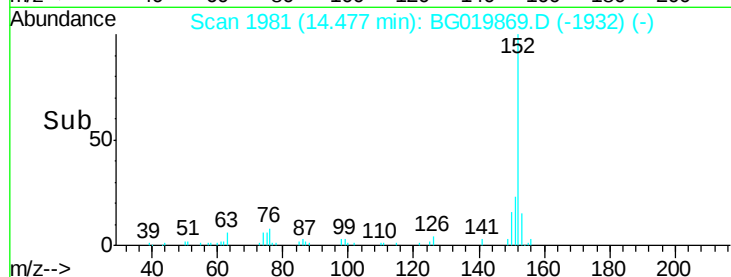
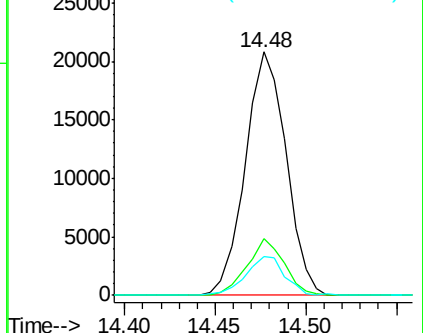
153 15.8 10.4 15.6#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

2,6-Dinitrotoluene

Concen: 2.45 ng

RT: 14.04 min Scan# 1906

Delta R.T. -0.29 min

Lab File: BG019869.D

Acq: 3 Dec 2015 14:05

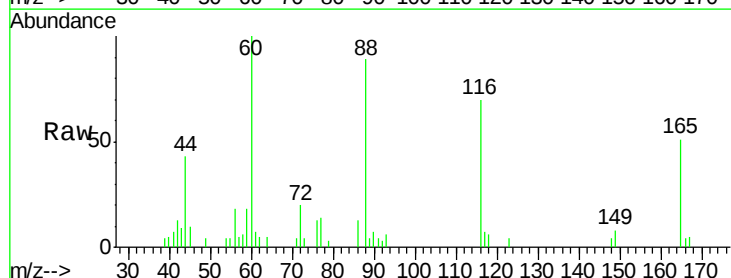
Tgt Ion:165 Resp: 3095

Ion Ratio Lower Upper

165 100

63 0.0 35.7 53.5#

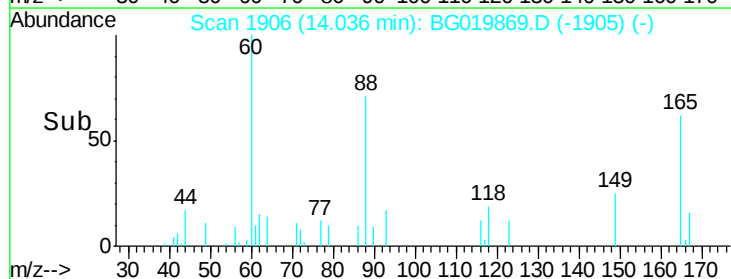
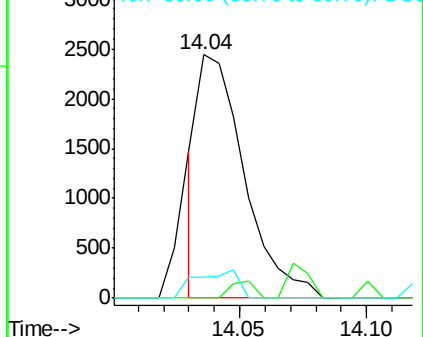
89 8.4 39.7 59.5#

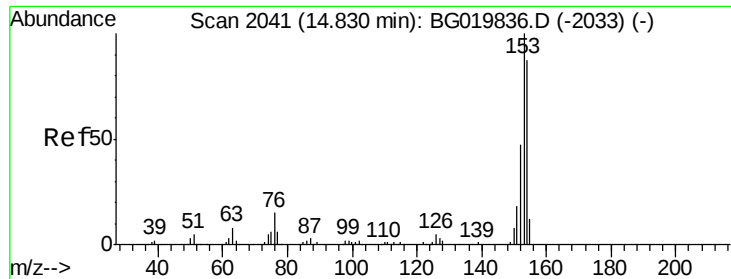


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 8.21 ng

RT: 14.82 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BG019869.D

Acq: 3 Dec 2015 14:05

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-09(0-8)

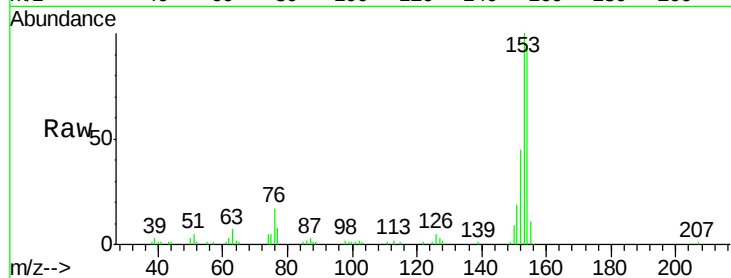
Tgt Ion:154 Resp: 40137

Ion Ratio Lower Upper

154 100

153 106.2 92.9 139.3

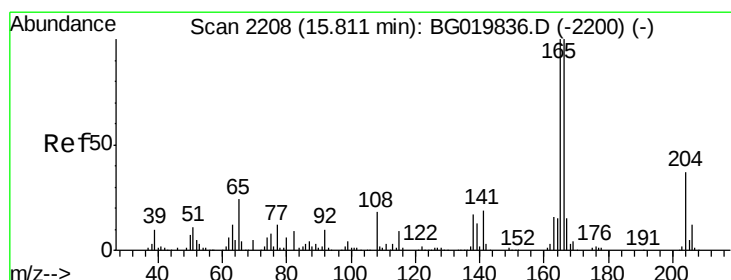
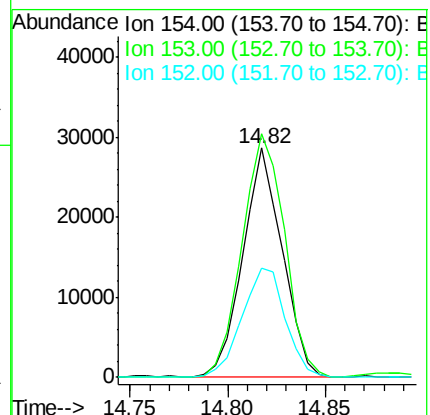
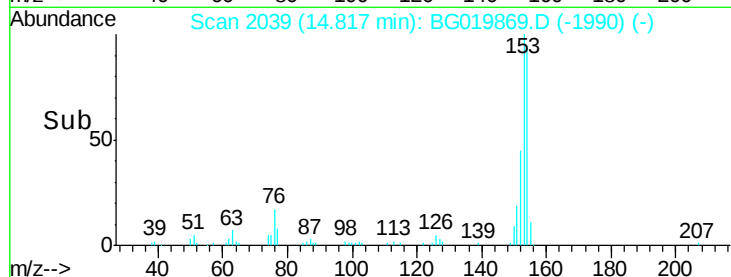
152 47.8 45.8 68.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#57

Fluorene

Concen: 2.70 ng

RT: 15.80 min Scan# 2206

Delta R.T. -0.01 min

Lab File: BG019869.D

Acq: 3 Dec 2015 14:05

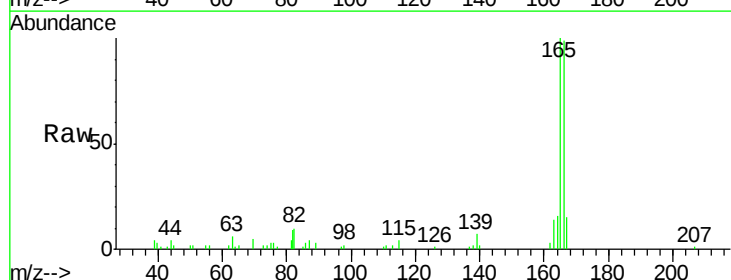
Tgt Ion:166 Resp: 17613

Ion Ratio Lower Upper

166 100

165 100.5 80.0 120.0

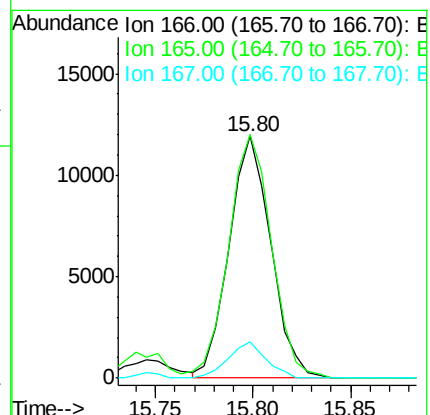
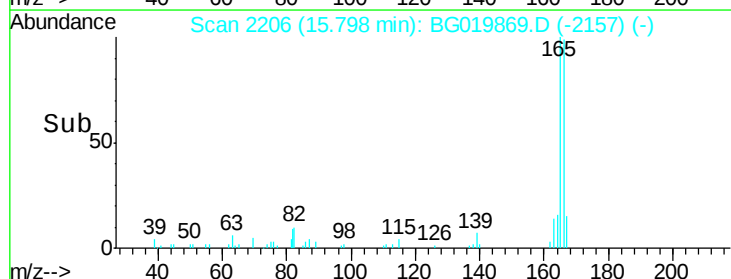
167 14.9 11.1 16.7

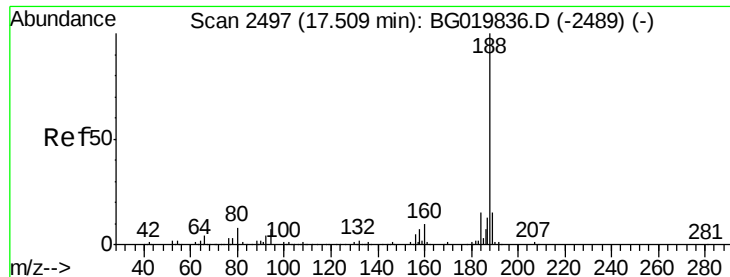


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

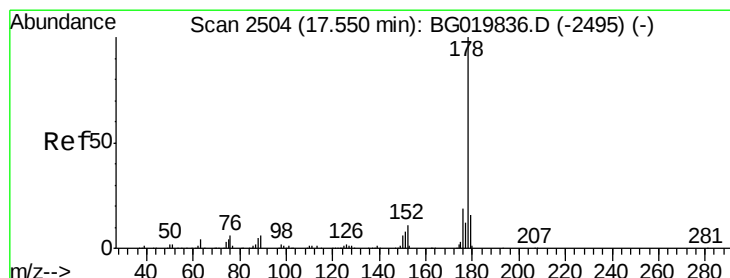
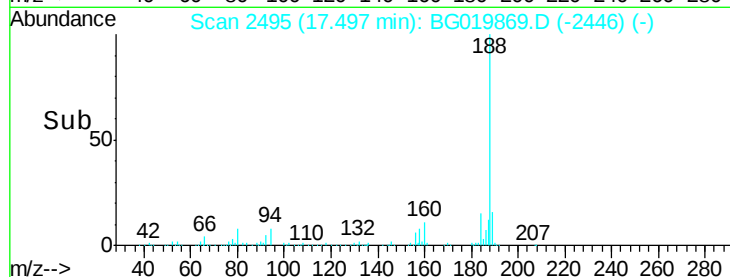
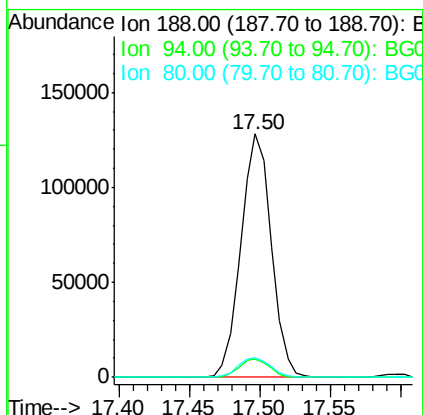
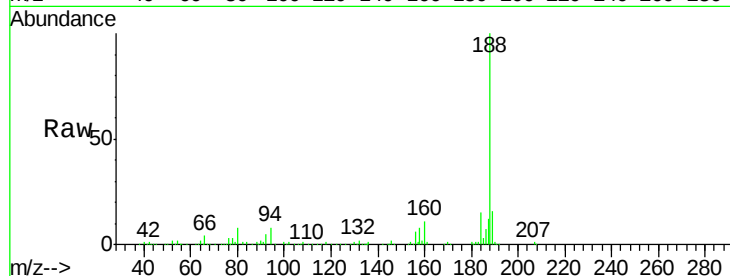




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.50 min Scan# 2495
Delta R.T. -0.01 min
Lab File: BG019869.D
Acq: 3 Dec 2015 14:05

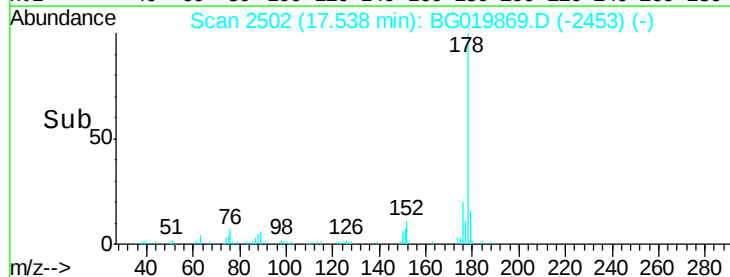
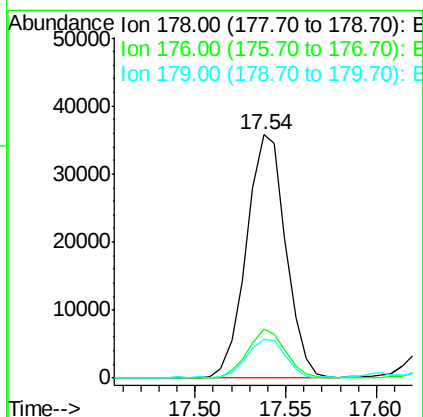
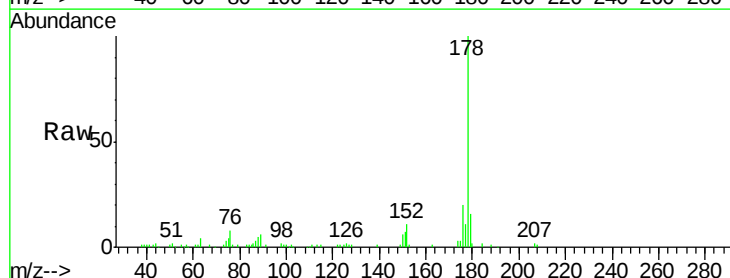
Instrument :
BNA_G
ClientSampleId :
SB-P3WC-09(0-8)

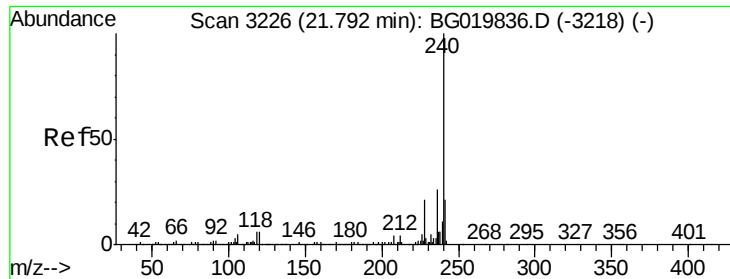
Tgt Ion:188 Resp: 192778
Ion Ratio Lower Upper
188 100
94 7.7 7.7 11.5#
80 7.9 7.8 11.8



#70
Phenanthrene
Concen: 4.95 ng
RT: 17.54 min Scan# 2502
Delta R.T. -0.01 min
Lab File: BG019869.D
Acq: 3 Dec 2015 14:05

Tgt Ion:178 Resp: 54019
Ion Ratio Lower Upper
178 100
176 20.4 16.7 25.1
179 15.9 13.9 20.9

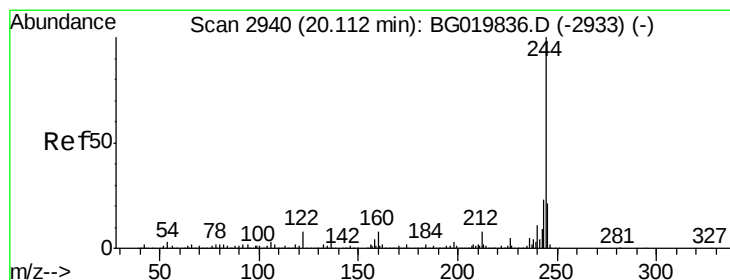
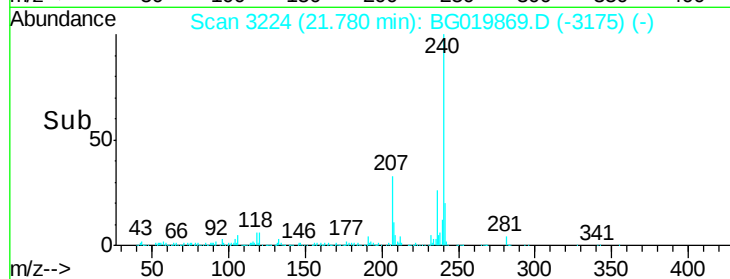
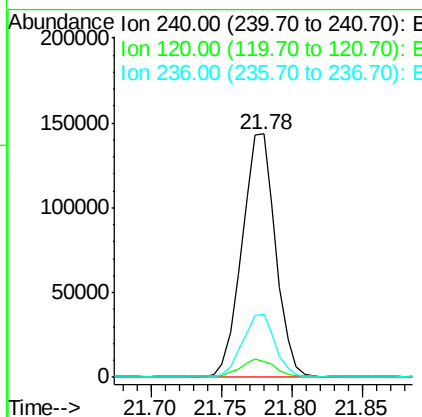
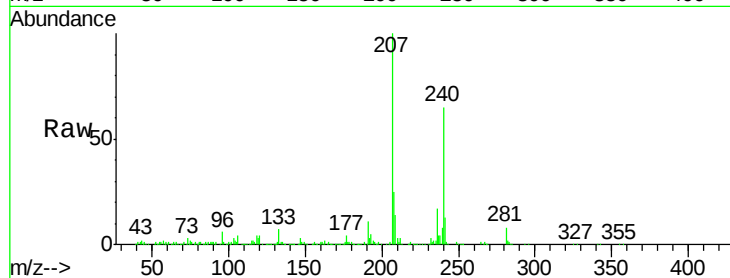




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.78 min Scan# 3224
Delta R.T. -0.01 min
Lab File: BG019869.D
Acq: 3 Dec 2015 14:05

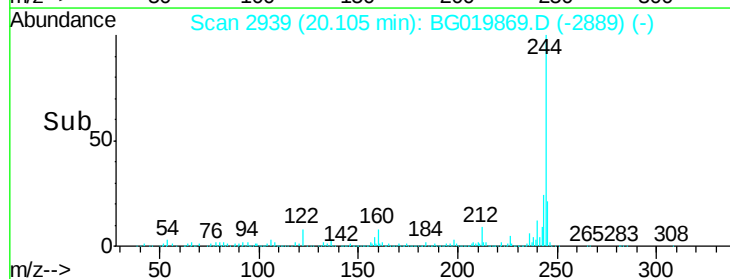
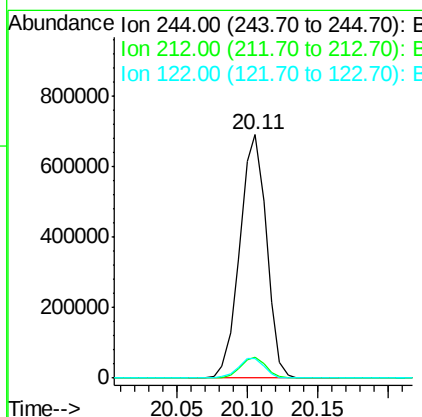
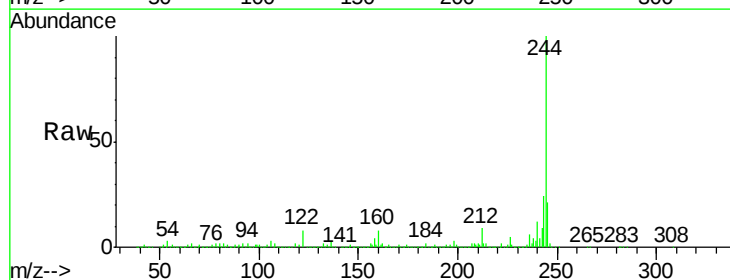
Instrument :
BNA_G
ClientSampleId :
SB-P3WC-09(0-8)

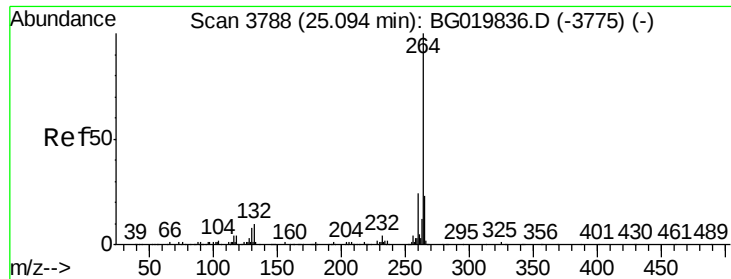
Tgt Ion:240 Resp: 238682
Ion Ratio Lower Upper
240 100
120 6.7 7.4 11.0#
236 25.7 20.7 31.1



#78
Terphenyl-d14
Concen: 93.20 ng
RT: 20.11 min Scan# 2939
Delta R.T. -0.01 min
Lab File: BG019869.D
Acq: 3 Dec 2015 14:05

Tgt Ion:244 Resp: 911972
Ion Ratio Lower Upper
244 100
212 8.7 6.9 10.3
122 8.2 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: BG019869.D
Acq: 3 Dec 2015 14:05

Instrument :
BNA_G
ClientSampleId :
SB-P3WC-09(0-8)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.5	27.7
265	23.5	17.2	25.8

