

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120215\
 Data File : BG019868.D
 Acq On : 3 Dec 2015 13:26
 Operator : UM/NP
 Sample : G4583-19
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-08(0-8)

Quant Time: Dec 03 16:17:44 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

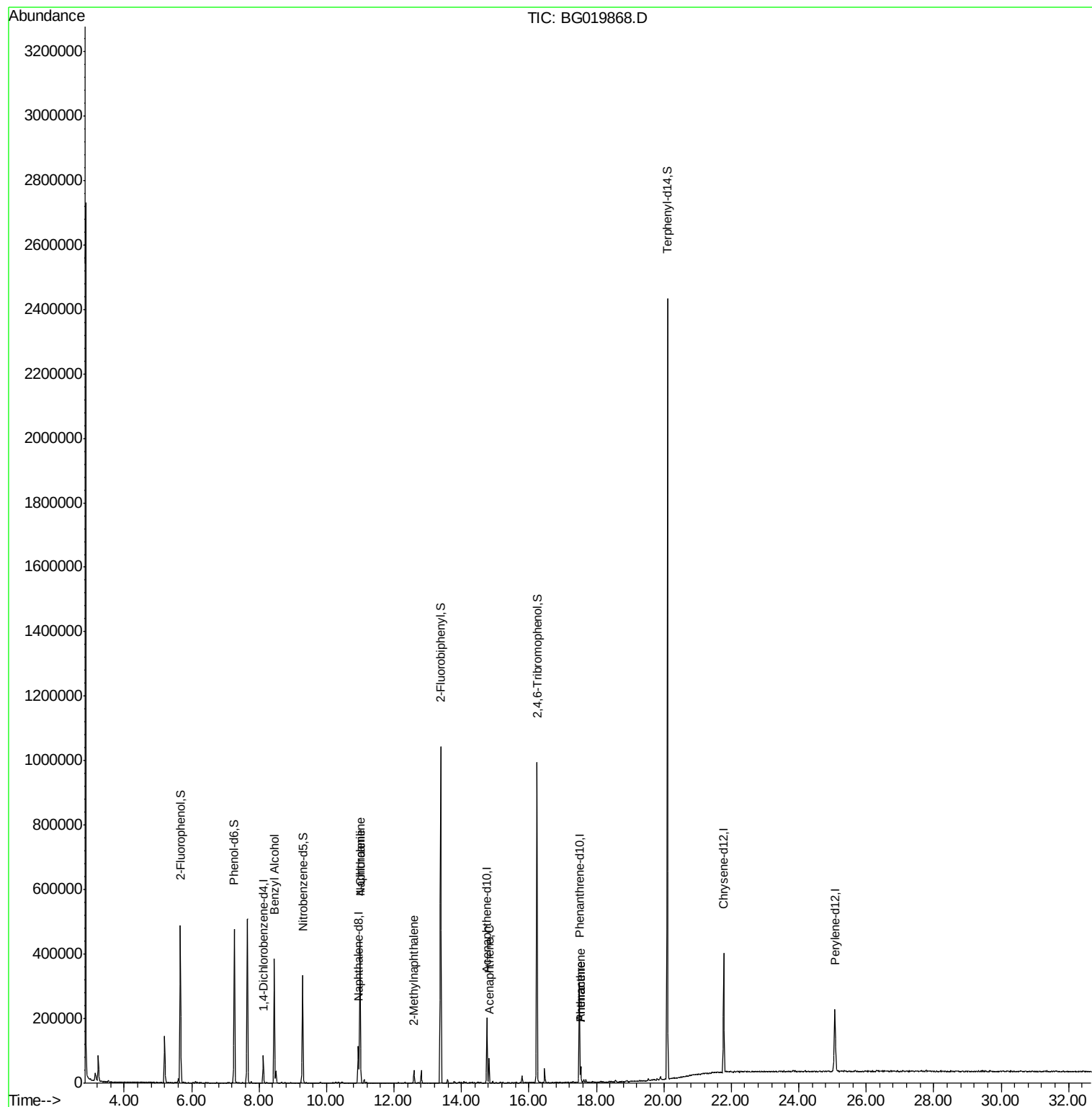
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	22392	20.00	ng	-0.01
21) Naphthalene-d8	10.94	136	92176	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	68555	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	188854	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	234608	20.00	ng	-0.02
86) Perylene-d12	25.07	264	221802	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	187202	151.10	ng	0.00
7) Phenol-d6	7.27	99	259266	138.60	ng	0.00
23) Nitrobenzene-d5	9.29	82	201428	111.53	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	175818	167.61	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	506284	100.84	ng	0.00
78) Terphenyl-d14	20.10	244	996584	103.61	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	8.45	79	3860	2.35	ng	# 50
31) Naphthalene	11.00	128	354539	71.80	ng	99
33) 4-Chloroaniline	11.00	127	48713	22.39	ng	# 38
37) 2-Methylnaphthalene	12.60	142	17566	4.85	ng	90
51) Acenaphthene	14.82	154	25652	5.72	ng	97
70) Phenanthrene	17.54	178	30588	2.86	ng	99
71) Anthracene	17.54	178	30588	2.81	ng	99

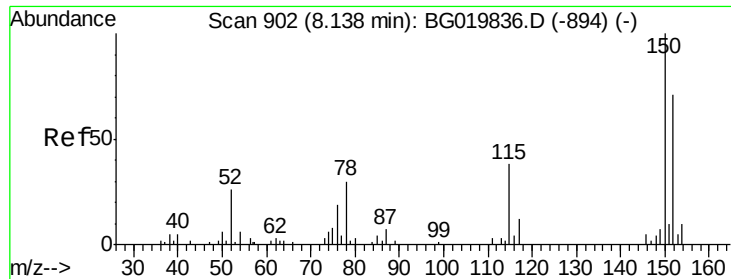
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

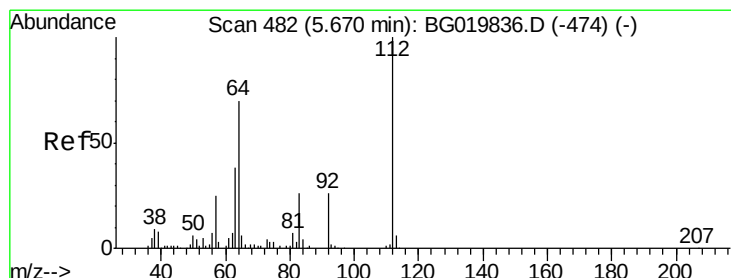
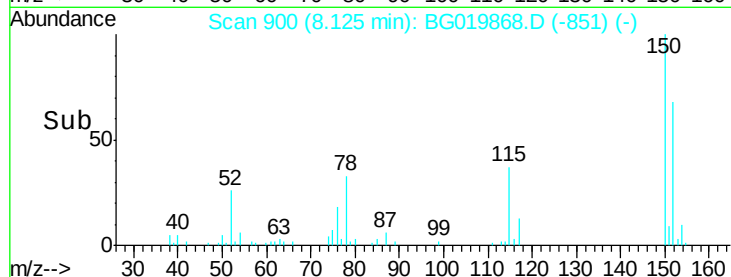
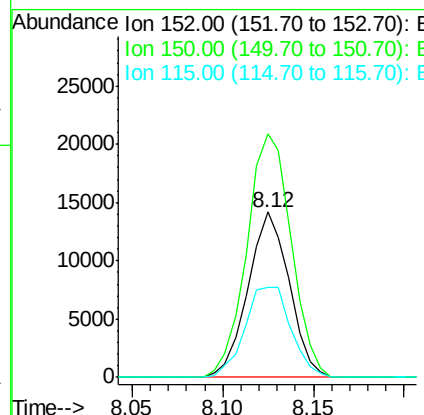
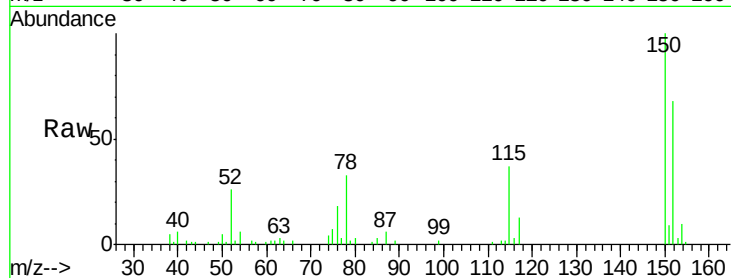




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.12 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BG019868.D
 Acq: 3 Dec 2015 13:26

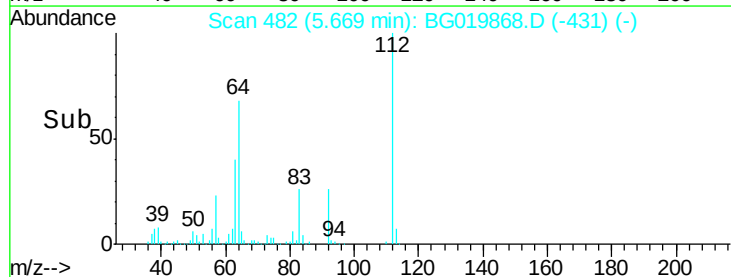
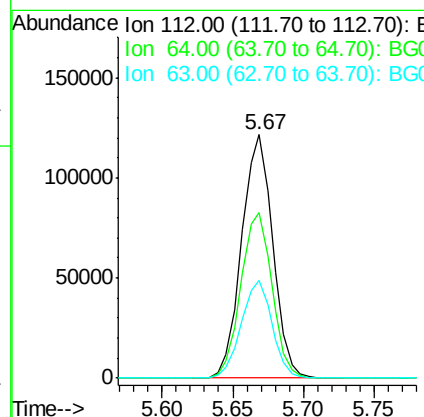
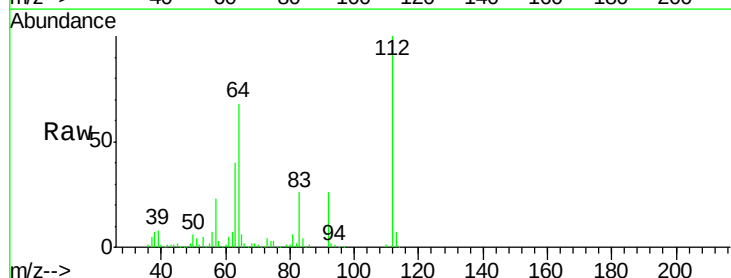
Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-08(0-8)

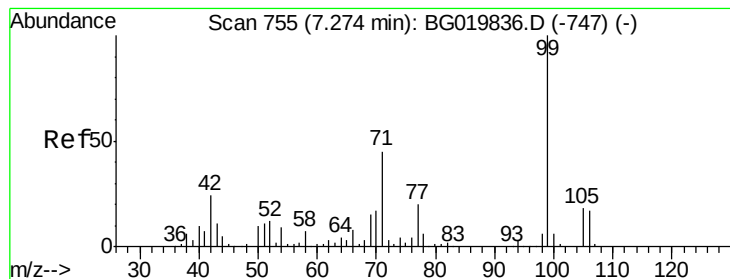
Tgt Ion:152 Resp: 22392
 Ion Ratio Lower Upper
 152 100
 150 147.4 115.0 172.4
 115 54.8 43.9 65.9



#5
 2-Fluorophenol
 Concen: 151.10 ng
 RT: 5.67 min Scan# 482
 Delta R.T. -0.00 min
 Lab File: BG019868.D
 Acq: 3 Dec 2015 13:26

Tgt Ion:112 Resp: 187202
 Ion Ratio Lower Upper
 112 100
 64 68.0 43.7 65.5#
 63 40.1 24.0 36.0#





#7

Phenol-d6

Concen: 138.60 ng

RT: 7.27 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG019868.D

Acq: 3 Dec 2015 13:26

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-08(0-8)

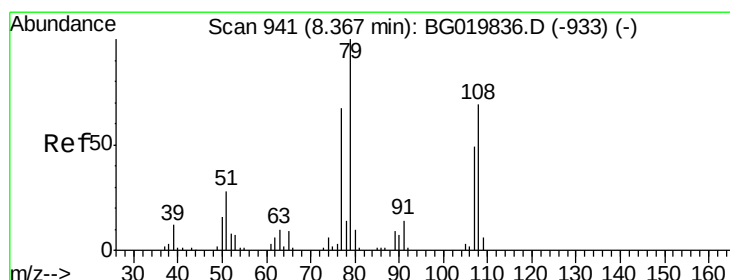
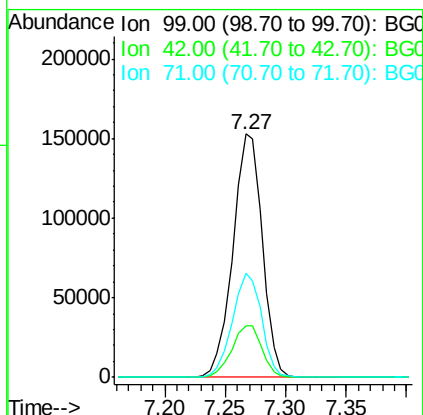
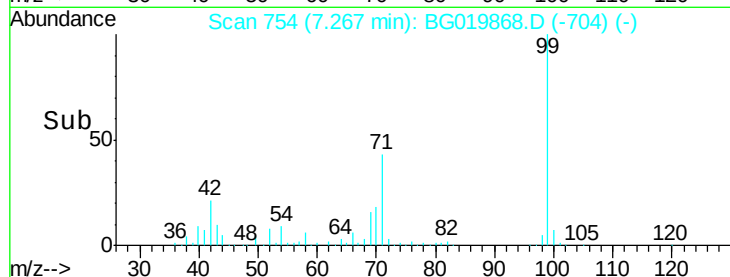
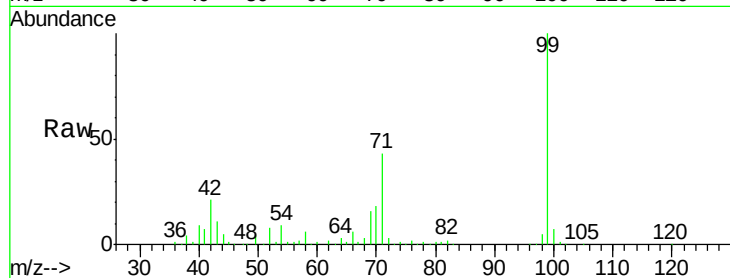
Tgt Ion: 99 Resp: 259266

Ion Ratio Lower Upper

99 100

42 21.2 11.5 17.3#

71 42.7 22.6 34.0#



#15

Benzyl Alcohol

Concen: 2.35 ng

RT: 8.45 min Scan# 955

Delta R.T. 0.08 min

Lab File: BG019868.D

Acq: 3 Dec 2015 13:26

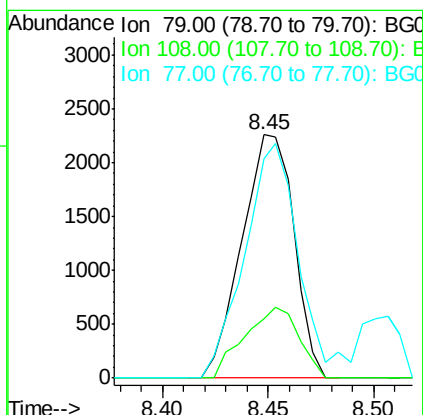
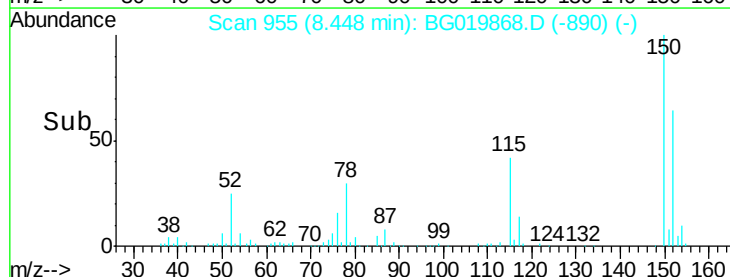
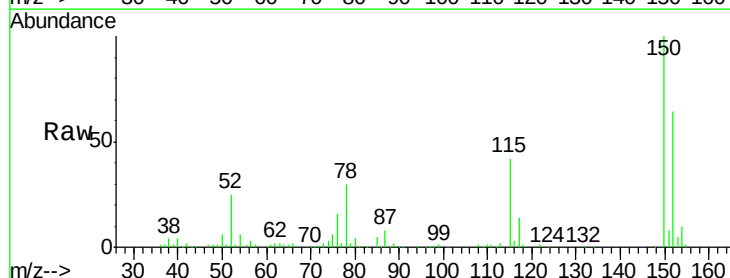
Tgt Ion: 79 Resp: 3860

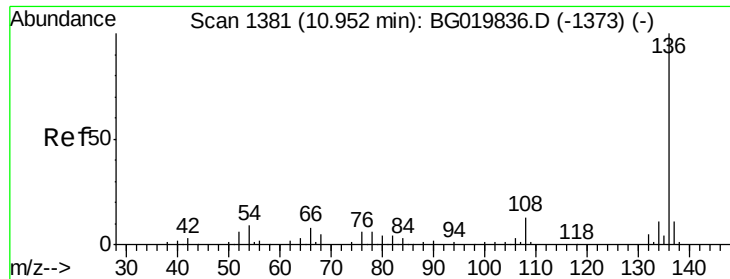
Ion Ratio Lower Upper

79 100

108 24.6 65.5 98.3#

77 90.0 51.3 76.9#

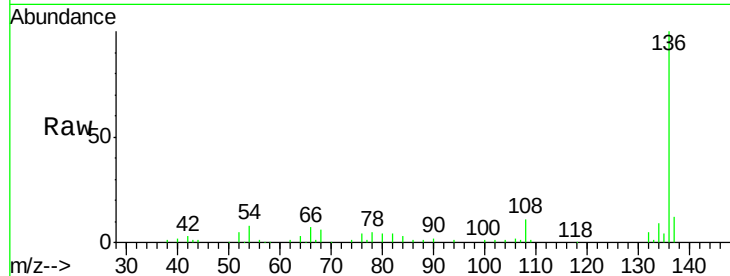




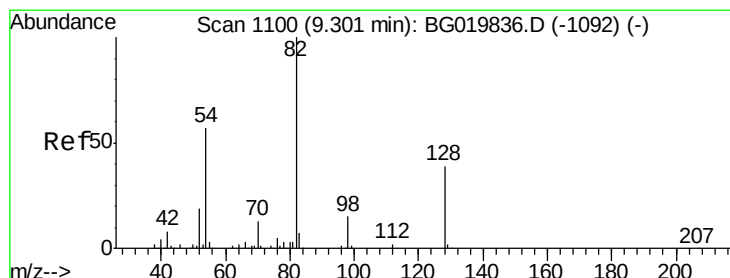
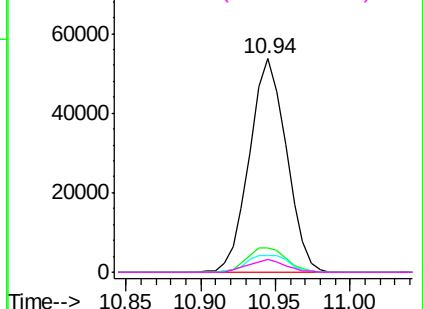
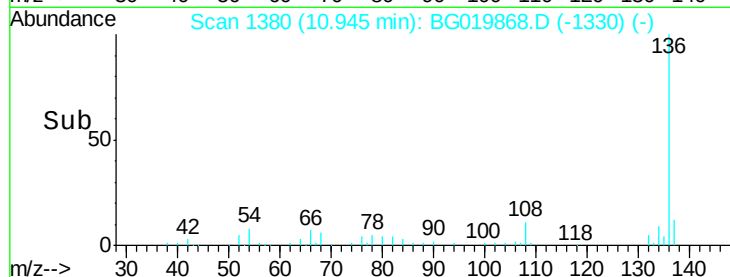
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.94 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BG019868.D
Acq: 3 Dec 2015 13:26

Instrument :
BNA_G
ClientSampleId :
SB-P3WC-08(0-8)

Tgt Ion:	136	Resp:	92176
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.6	12.8
54	7.9	5.4	8.2
68	6.1	5.3	7.9

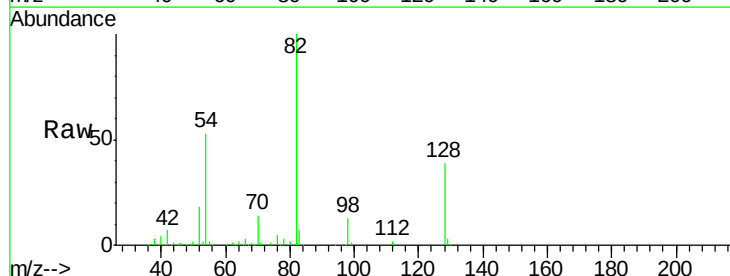


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

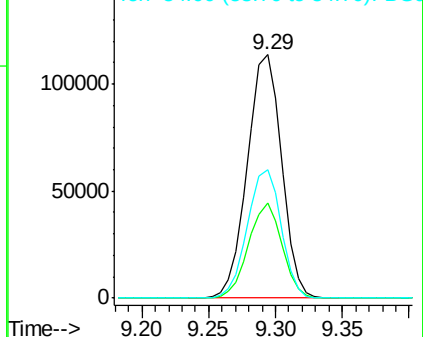
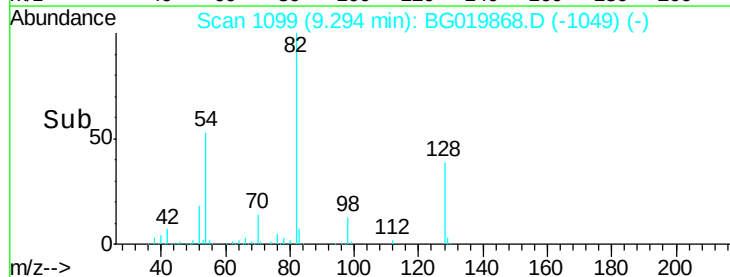


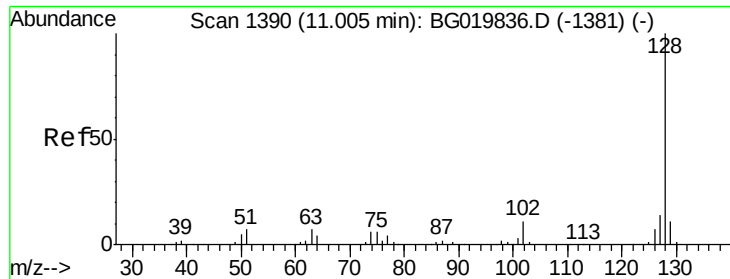
#23
Nitrobenzene-d5
Concen: 111.53 ng
RT: 9.29 min Scan# 1099
Delta R.T. -0.01 min
Lab File: BG019868.D
Acq: 3 Dec 2015 13:26

Tgt Ion:	82	Resp:	201428
Ion	Ratio	Lower	Upper
82	100		
128	39.0	36.7	55.1
54	53.0	33.8	50.8#



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

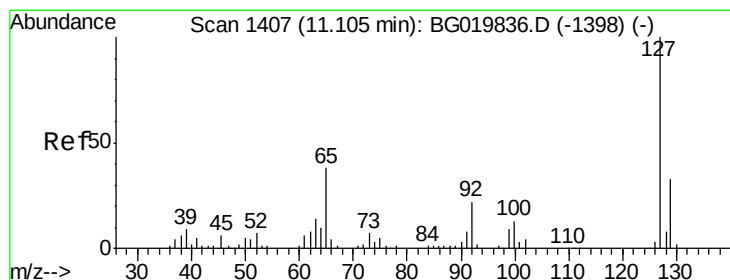
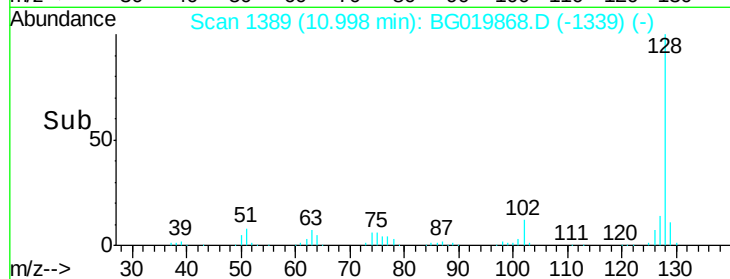
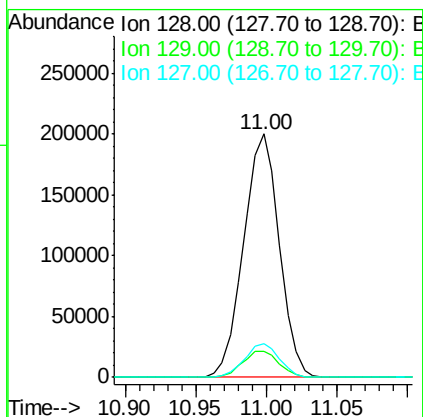
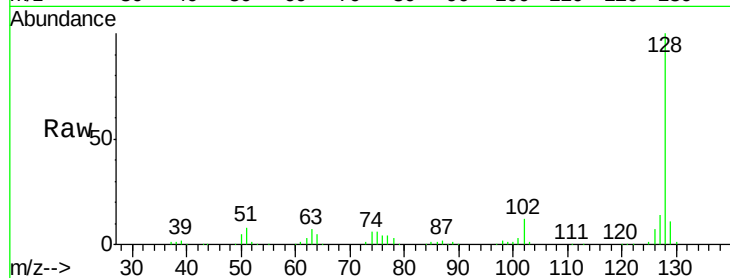




#31
Naphthalene
Concen: 71.80 ng
RT: 11.00 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BG019868.D
Acq: 3 Dec 2015 13:26

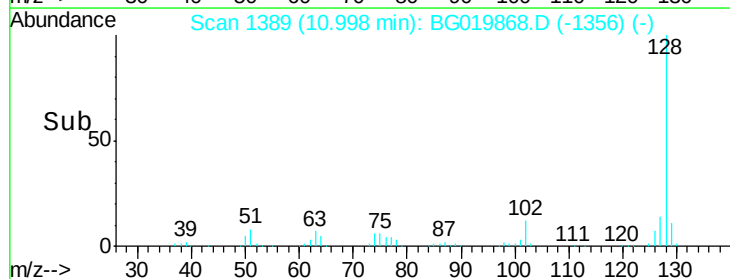
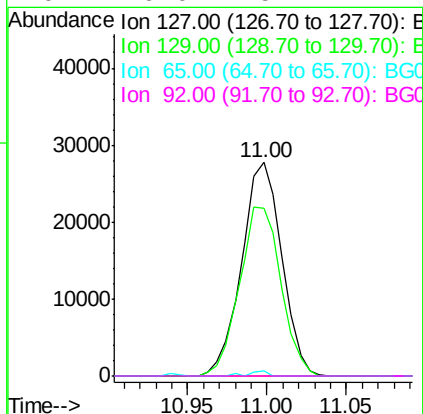
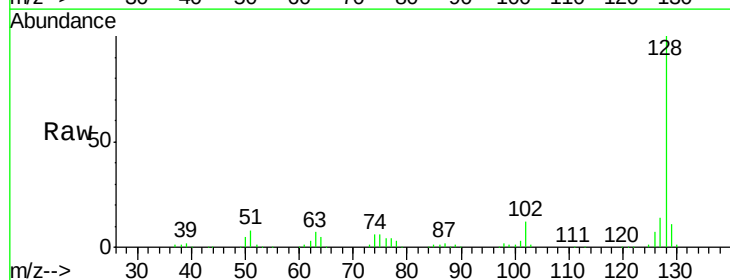
Instrument :
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SB-P3WC-08(0-8)

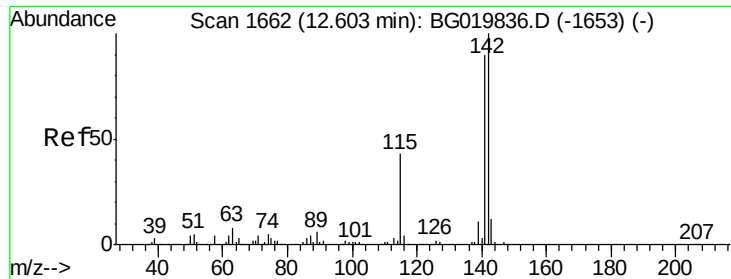
Tgt Ion:128 Resp: 354539
Ion Ratio Lower Upper
128 100
129 10.9 8.5 12.7
127 13.9 10.6 16.0



#33
4-Chloroaniline
Concen: 22.39 ng
RT: 11.00 min Scan# 1389
Delta R.T. -0.11 min
Lab File: BG019868.D
Acq: 3 Dec 2015 13:26

Tgt Ion:127 Resp: 48713
Ion Ratio Lower Upper
127 100
129 78.6 24.6 37.0#
65 2.5 22.6 33.8#
92 0.0 15.1 22.7#

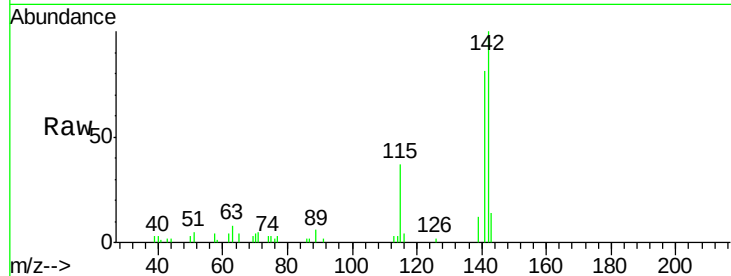




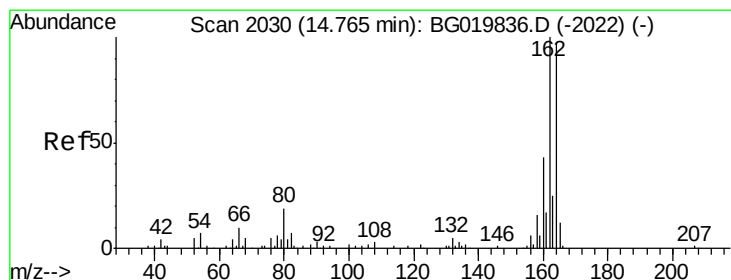
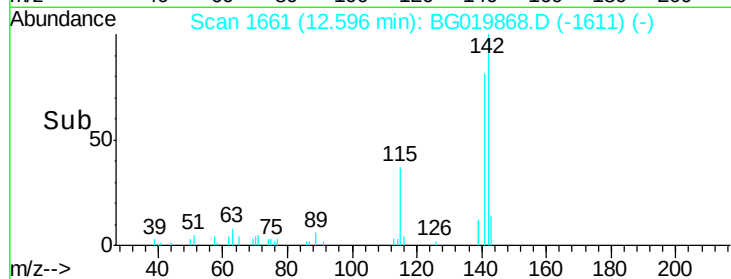
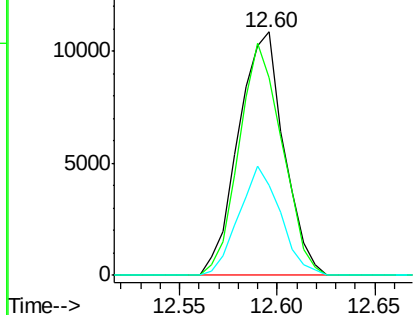
#37
 2-Methylnaphthalene
 Concen: 4.85 ng
 RT: 12.60 min Scan# 1661
 Delta R.T. -0.01 min
 Lab File: BG019868.D
 Acq: 3 Dec 2015 13:26

Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-08(0-8)

Tgt Ion:142 Resp: 17566
 Ion Ratio Lower Upper
 142 100
 141 81.4 74.6 112.0
 115 36.7 27.4 41.0

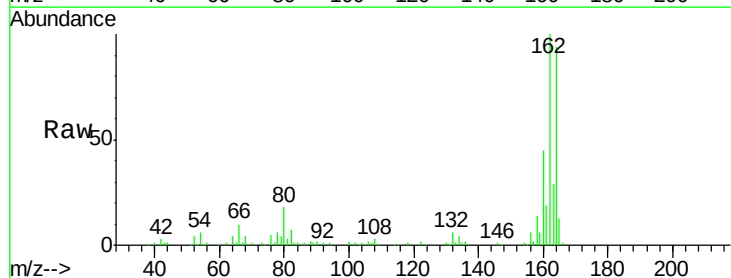


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

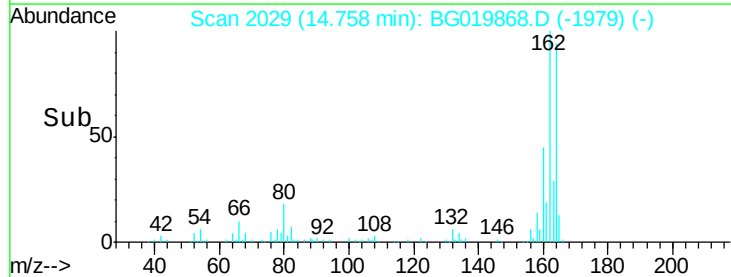
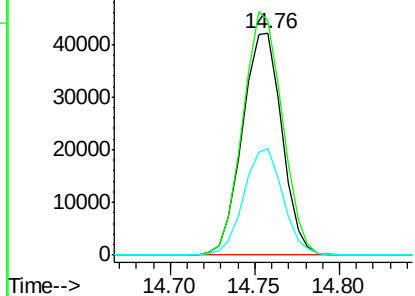


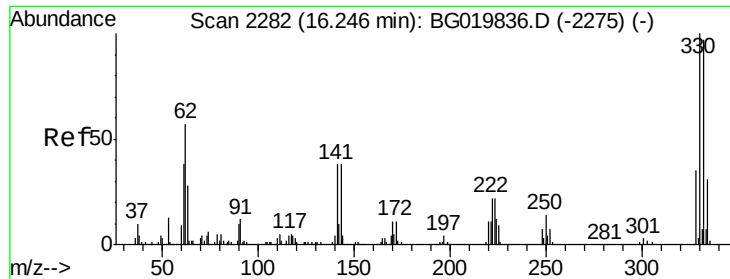
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.76 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BG019868.D
 Acq: 3 Dec 2015 13:26

Tgt Ion:164 Resp: 68555
 Ion Ratio Lower Upper
 164 100
 162 106.2 78.8 118.2
 160 48.3 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

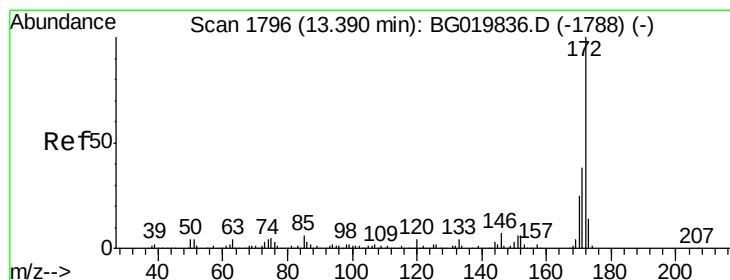
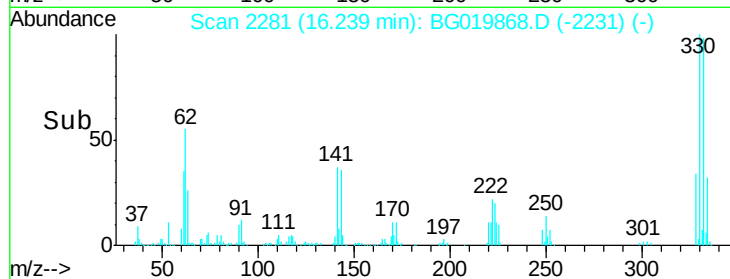
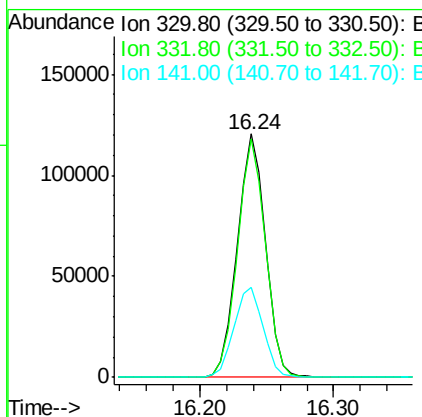
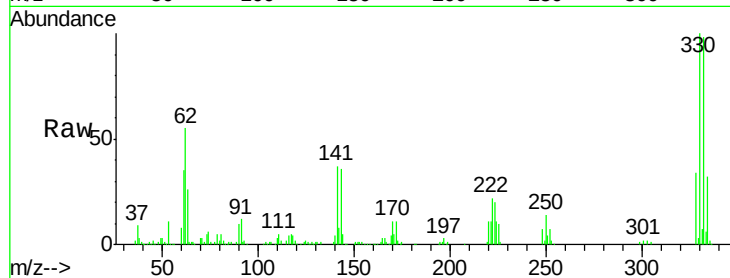




#41
 2,4,6-Tribromophenol
 Concen: 167.61 ng
 RT: 16.24 min Scan# 2281
 Delta R.T. -0.01 min
 Lab File: BG019868.D
 Acq: 3 Dec 2015 13:26

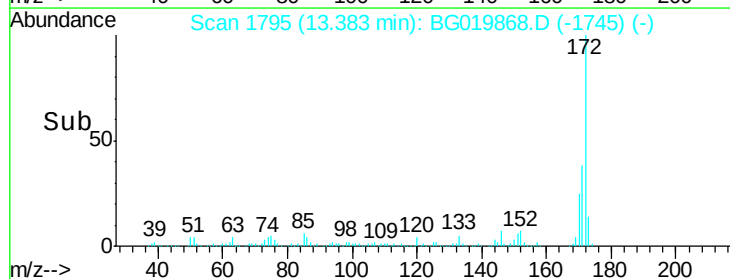
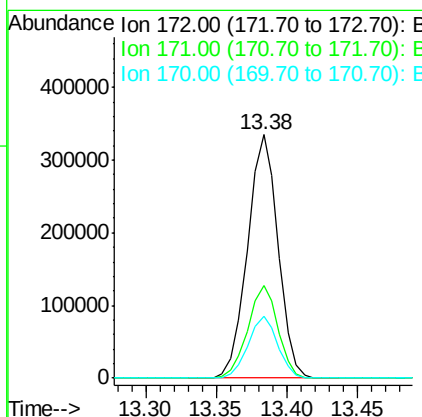
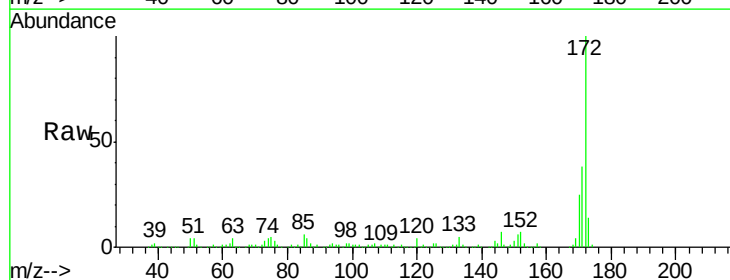
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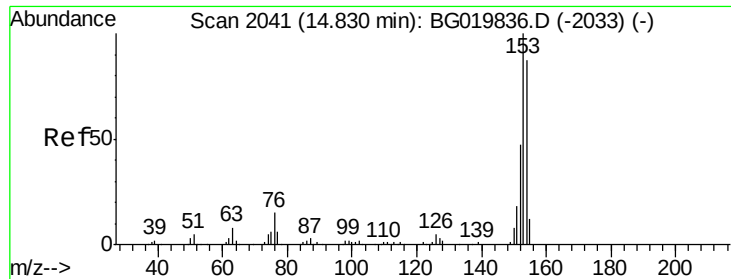
Tgt Ion:330 Resp: 175818
 Ion Ratio Lower Upper
 330 100
 332 97.1 78.1 117.1
 141 38.4 28.2 42.2



#44
 2-Fluorobiphenyl
 Concen: 100.84 ng
 RT: 13.38 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BG019868.D
 Acq: 3 Dec 2015 13:26

Tgt Ion:172 Resp: 506284
 Ion Ratio Lower Upper
 172 100
 171 38.0 29.0 43.6
 170 25.2 19.9 29.9





#51

Acenaphthene

Concen: 5.72 ng

RT: 14.82 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BG019868.D

Acq: 3 Dec 2015 13:26

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-08(0-8)

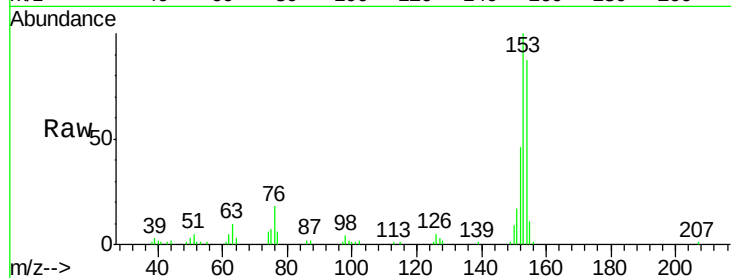
Tgt Ion:154 Resp: 25652

Ion Ratio Lower Upper

154 100

153 114.7 92.9 139.3

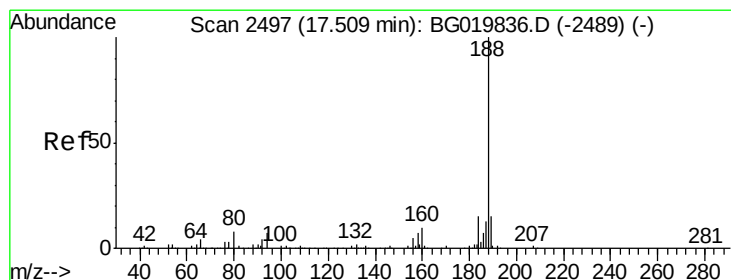
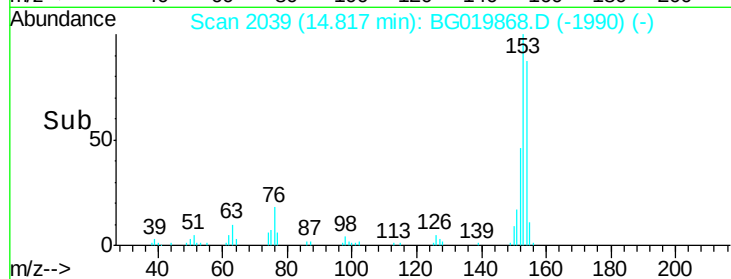
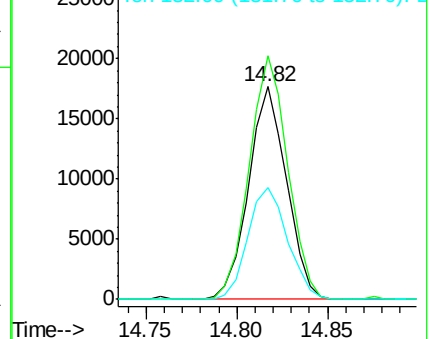
152 52.9 45.8 68.8



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.50 min Scan# 2495

Delta R.T. -0.01 min

Lab File: BG019868.D

Acq: 3 Dec 2015 13:26

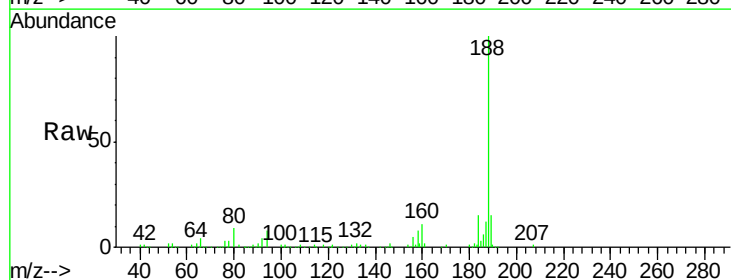
Tgt Ion:188 Resp: 188854

Ion Ratio Lower Upper

188 100

94 7.7 7.7 11.5

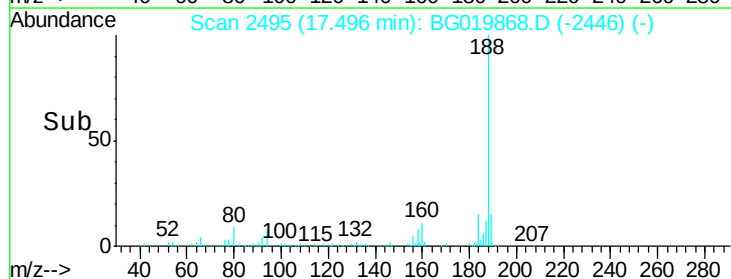
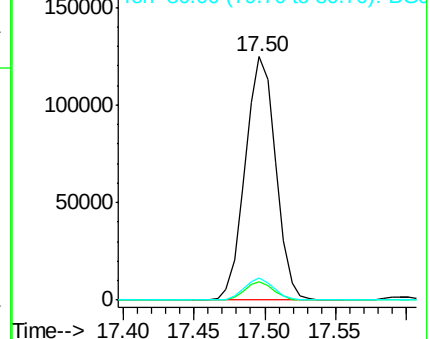
80 8.9 7.8 11.8

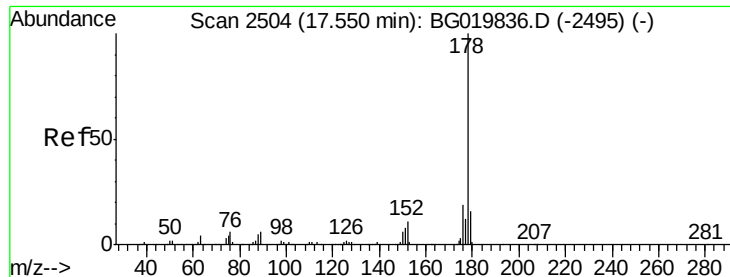


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#70

Phenanthrene

Concen: 2.86 ng

RT: 17.54 min Scan# 2502

Delta R.T. -0.01 min

Lab File: BG019868.D

Acq: 3 Dec 2015 13:26

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-08(0-8)

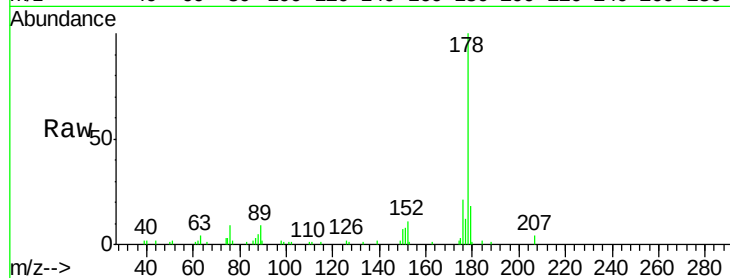
Tgt Ion:178 Resp: 30588

Ion Ratio Lower Upper

178 100

176 21.4 16.7 25.1

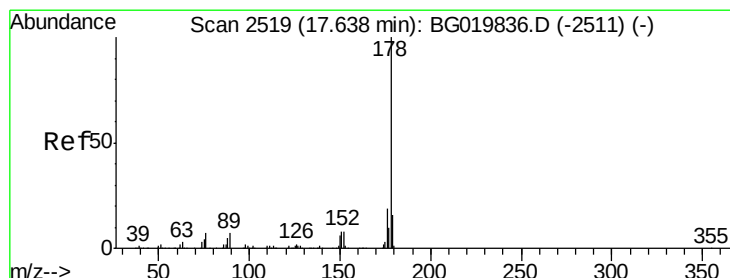
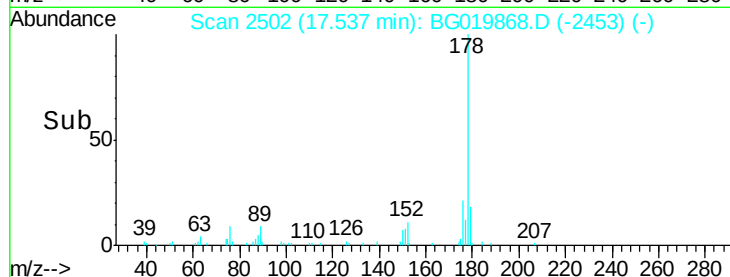
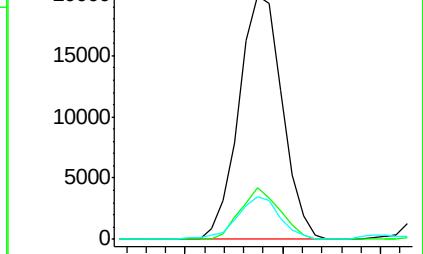
179 17.6 13.9 20.9



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 2.81 ng

RT: 17.54 min Scan# 2502

Delta R.T. -0.10 min

Lab File: BG019868.D

Acq: 3 Dec 2015 13:26

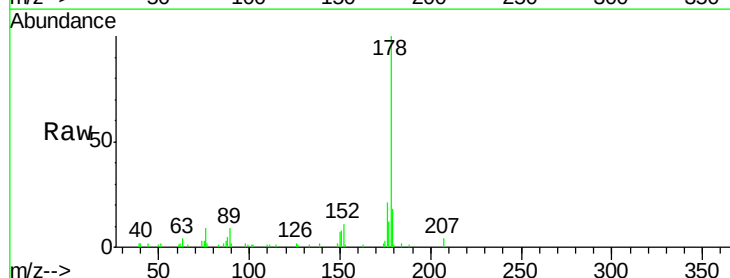
Tgt Ion:178 Resp: 30588

Ion Ratio Lower Upper

178 100

176 21.4 16.8 25.2

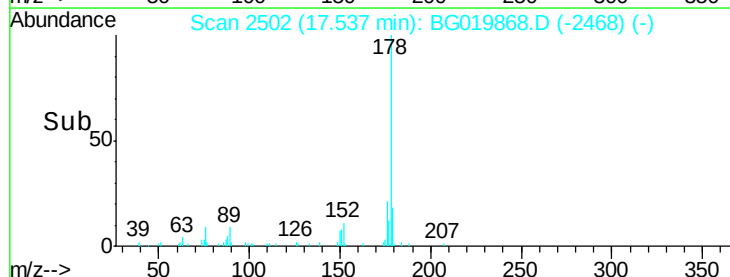
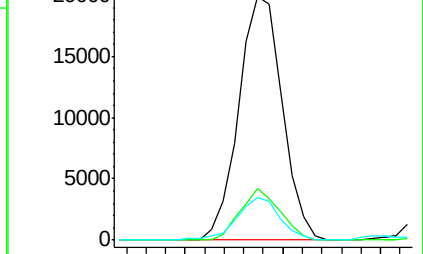
179 17.6 13.9 20.9

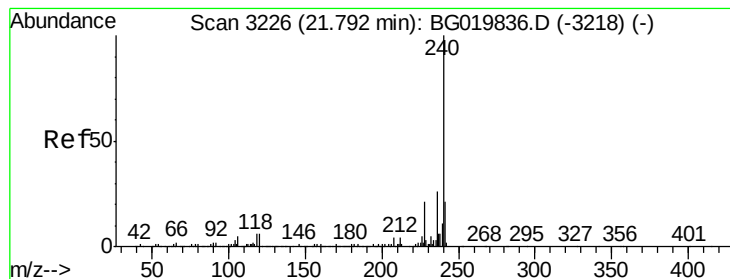


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.77 min Scan# 3223

Delta R.T. -0.02 min

Lab File: BG019868.D

Acq: 3 Dec 2015 13:26

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-08(0-8)

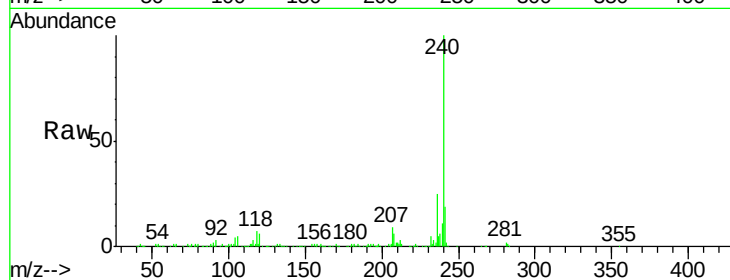
Tgt Ion:240 Resp: 234608

Ion Ratio Lower Upper

240 100

120 6.4 7.4 11.0#

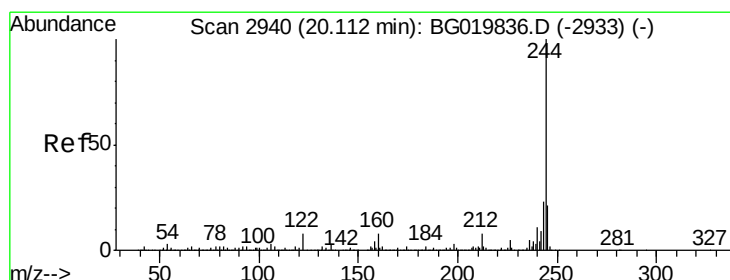
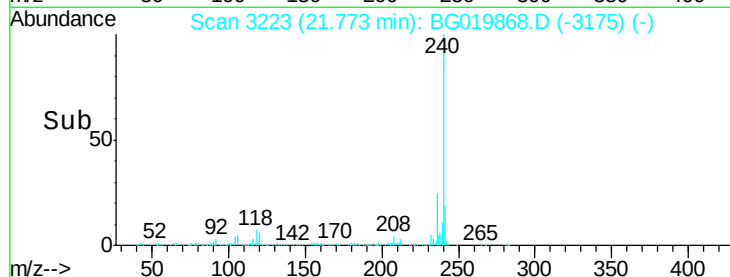
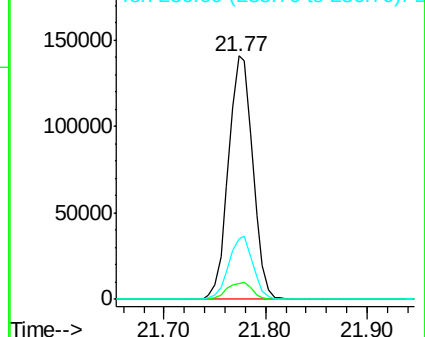
236 25.0 20.7 31.1



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: 103.61 ng

RT: 20.10 min Scan# 2939

Delta R.T. -0.01 min

Lab File: BG019868.D

Acq: 3 Dec 2015 13:26

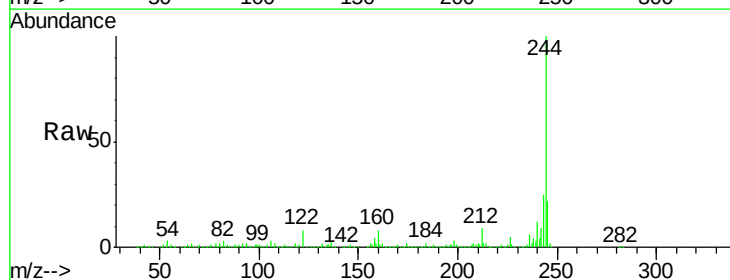
Tgt Ion:244 Resp: 996584

Ion Ratio Lower Upper

244 100

212 8.8 6.9 10.3

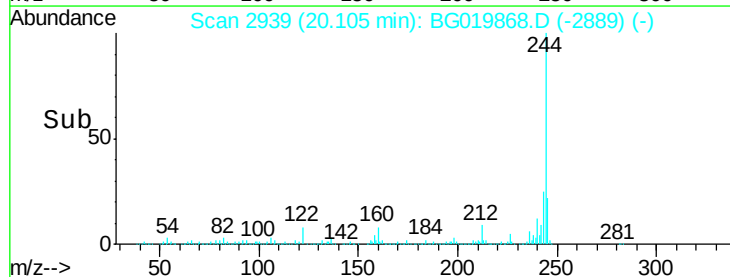
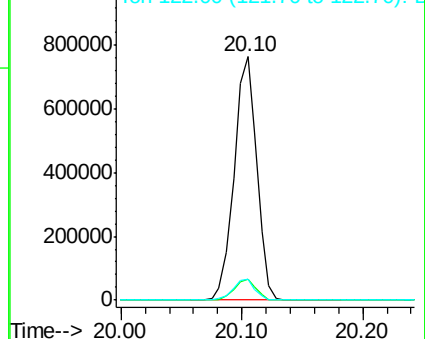
122 8.5 10.2 15.2#

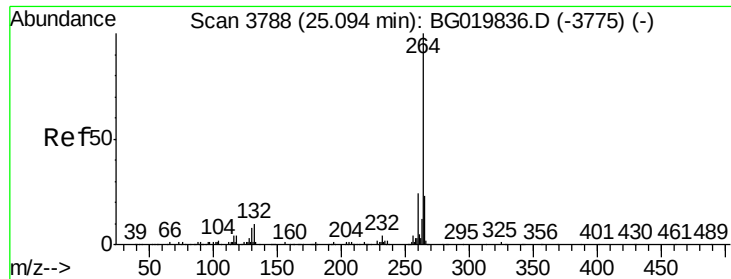


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.07 min Scan# 3784
Delta R.T. -0.02 min
Lab File: BG019868.D
Acq: 3 Dec 2015 13:26

Instrument :
BNA_G
ClientSampleId :
SB-P3WC-08(0-8)

Tgt Ion:	264	Resp:	221802
Ion Ratio	Lower	Upper	
264	100		
260	23.8	18.5	27.7
265	21.3	17.2	25.8

