

Data Path : Z:\HPCHEM1\BNA_G\Data\BG120215\
 Data File : BG019862.D
 Acq On : 3 Dec 2015 9:34
 Operator : UM/NP
 Sample : G4583-13
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-02(0-4)

Quant Time: Dec 03 11:56:02 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

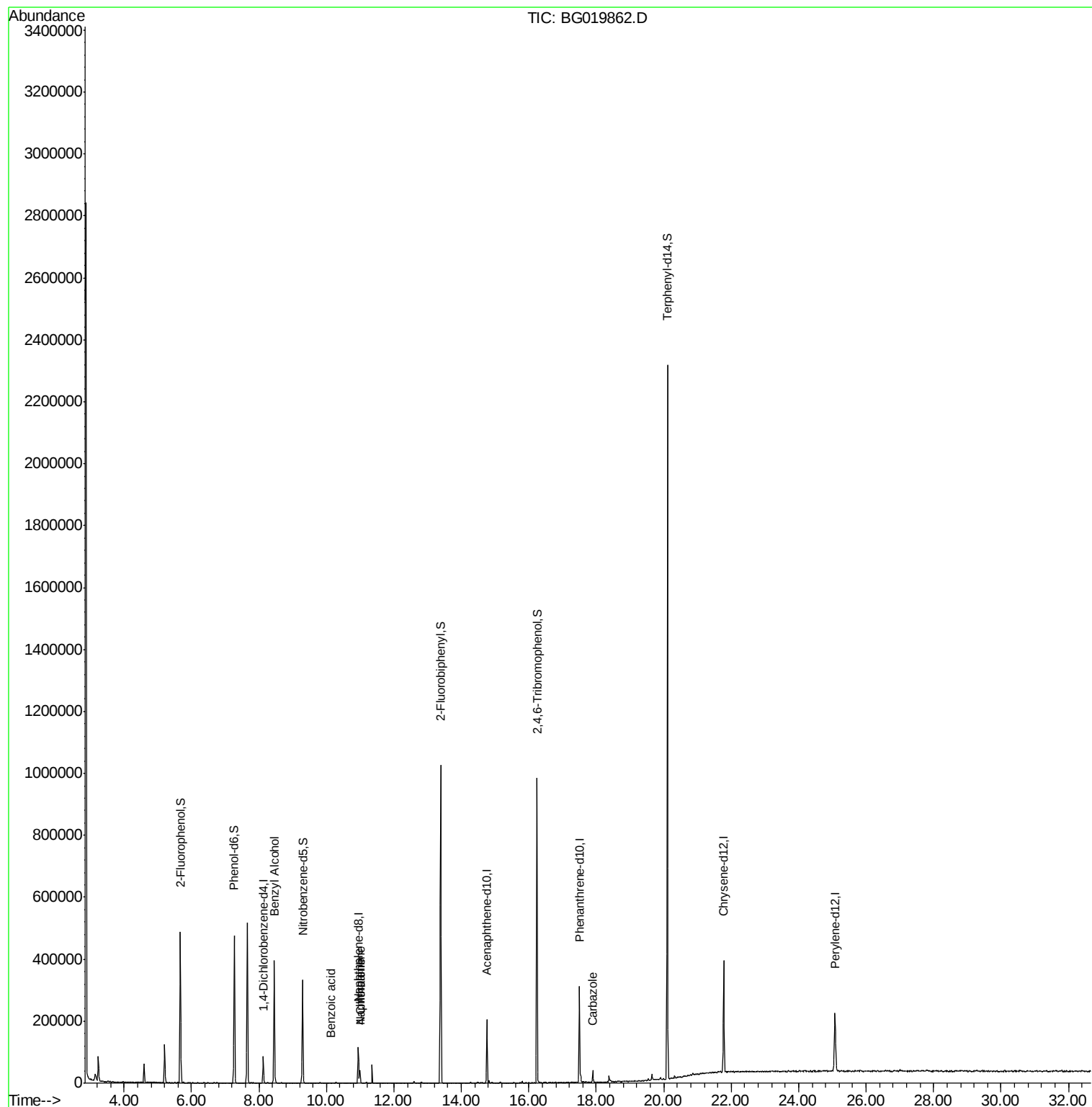
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	22546	20.00	ng	-0.01
21) Naphthalene-d8	10.95	136	95530	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	70462	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	185868	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	232303	20.00	ng	-0.02
86) Perylene-d12	25.08	264	205413	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	191696	153.67	ng	0.00
7) Phenol-d6	7.27	99	260150	138.12	ng	0.00
23) Nitrobenzene-d5	9.30	82	202804	108.35	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	174716	162.06	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	510215	98.87	ng	0.00
78) Terphenyl-d14	20.11	244	965012	101.33	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	8.45	79	3569	2.16	ng	# 56
31) Naphthalene	10.99	128	33410	6.53	ng	97
32) Benzoic acid	10.12	122	56	6.05	ng	# 52
33) 4-Chloroaniline	10.99	127	4967	2.20	ng	# 35
72) Carbazole	17.90	167	24017	2.55	ng	95

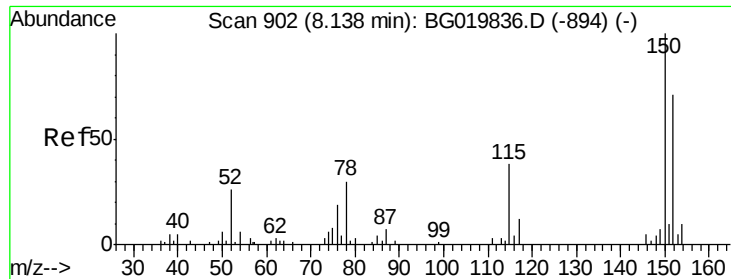
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-P3WC-02(0-4)

Quant Time: Dec 03 11:56:02 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

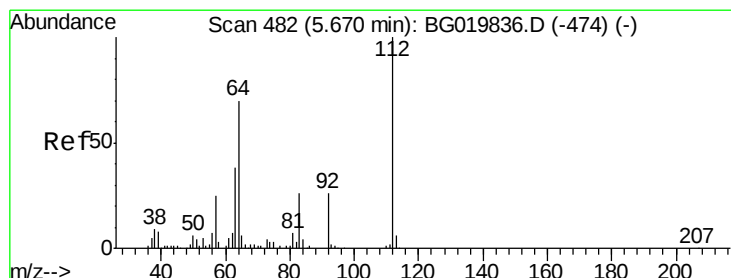
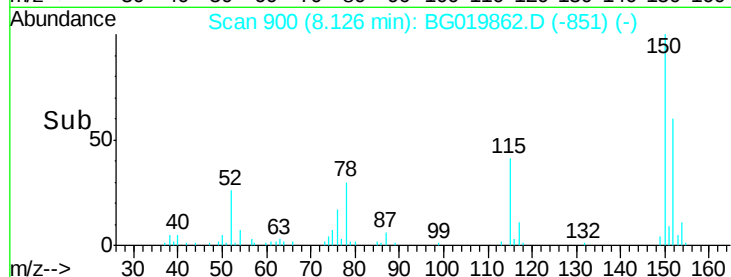
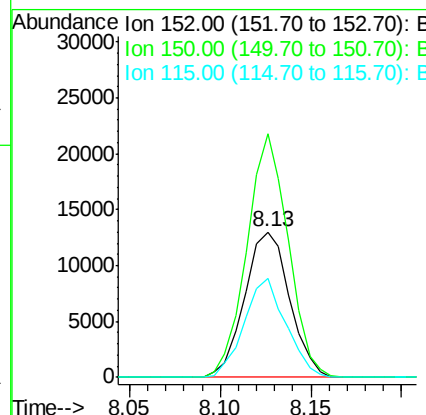
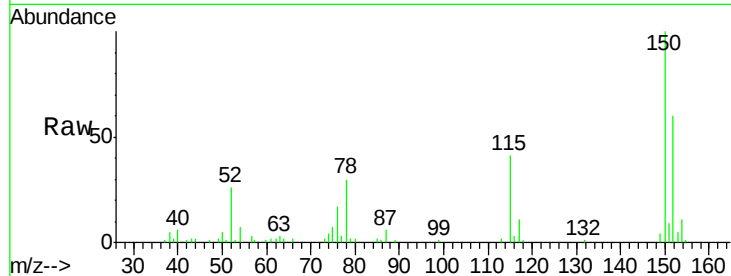




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.13 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BG019862.D
 Acq: 3 Dec 2015 9:34

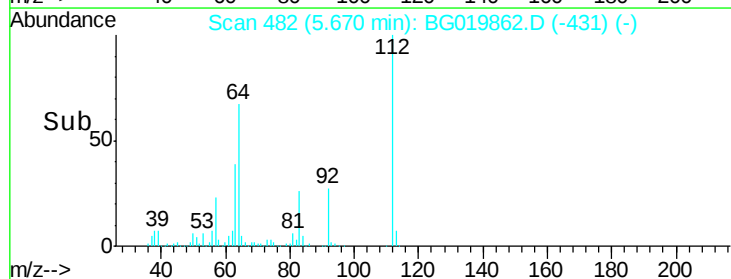
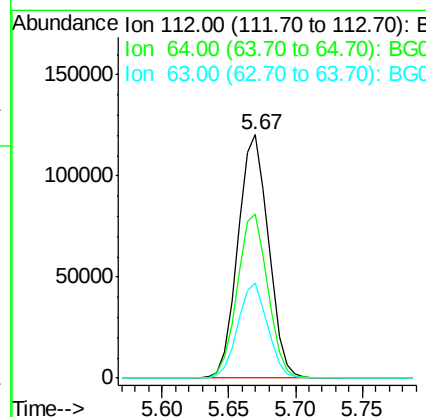
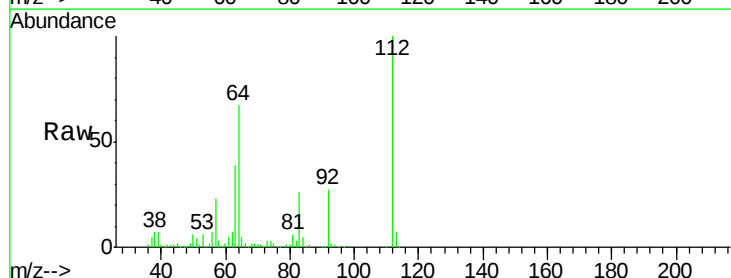
Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-02(0-4)

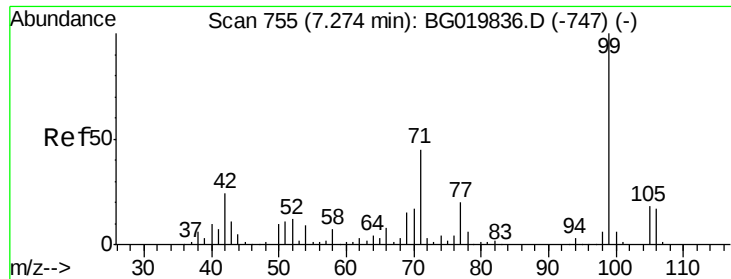
Tgt Ion:152 Resp: 22546
 Ion Ratio Lower Upper
 152 100
 150 167.6 115.0 172.4
 115 68.4 43.9 65.9#



#5
 2-Fluorophenol
 Concen: 153.67 ng
 RT: 5.67 min Scan# 482
 Delta R.T. 0.00 min
 Lab File: BG019862.D
 Acq: 3 Dec 2015 9:34

Tgt Ion:112 Resp: 191696
 Ion Ratio Lower Upper
 112 100
 64 67.3 43.7 65.5#
 63 39.2 24.0 36.0#





#7

Phenol-d6

Concen: 138.12 ng

RT: 7.27 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG019862.D

Acq: 3 Dec 2015 9:34

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-02(0-4)

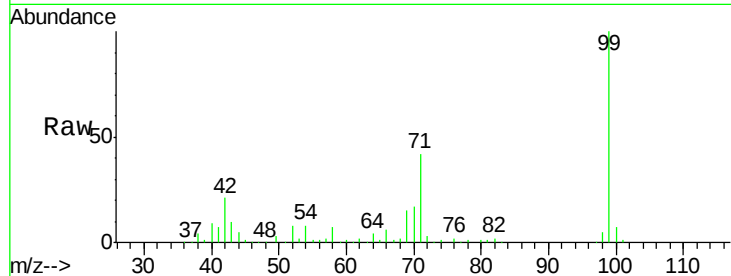
Tgt Ion: 99 Resp: 260150

Ion Ratio Lower Upper

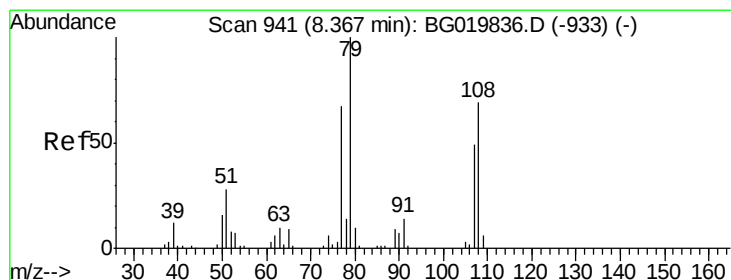
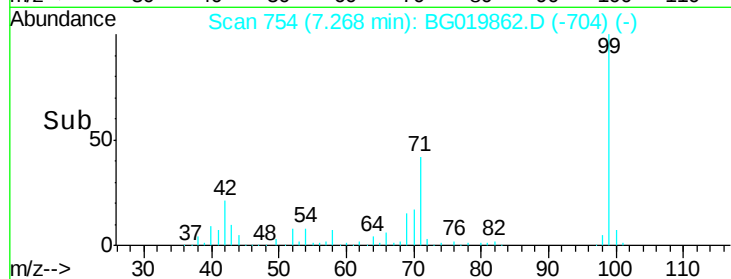
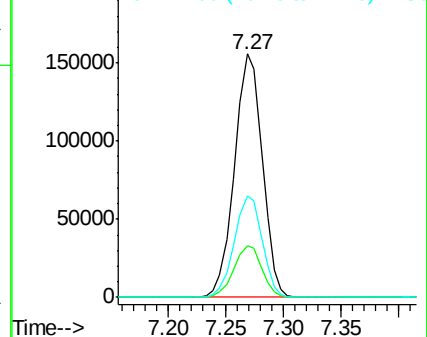
99 100

42 21.4 11.5 17.3#

71 41.9 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: 2.16 ng

RT: 8.45 min Scan# 955

Delta R.T. 0.08 min

Lab File: BG019862.D

Acq: 3 Dec 2015 9:34

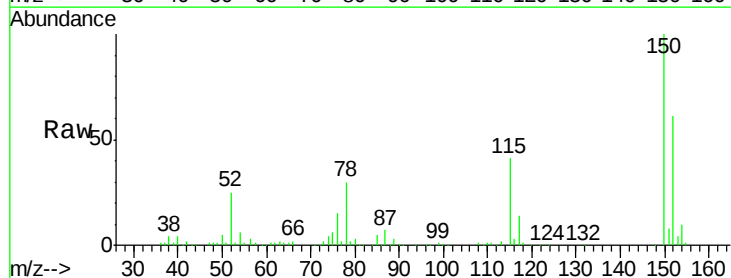
Tgt Ion: 79 Resp: 3569

Ion Ratio Lower Upper

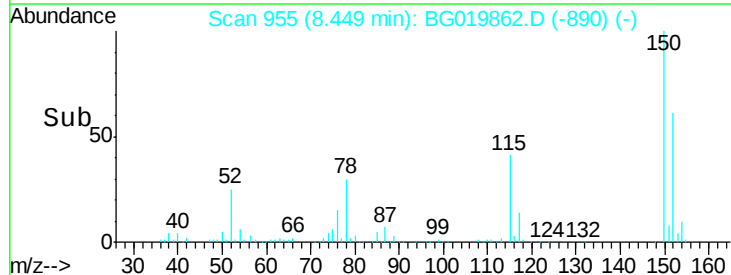
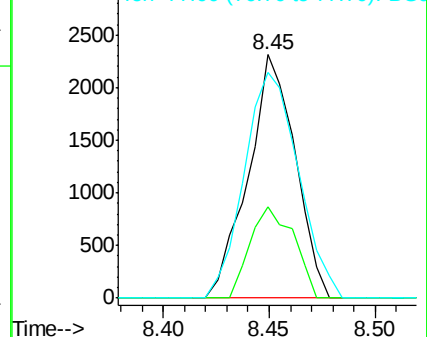
79 100

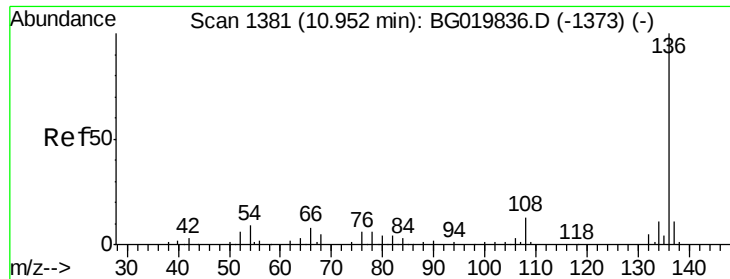
108 37.5 65.5 98.3#

77 92.7 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

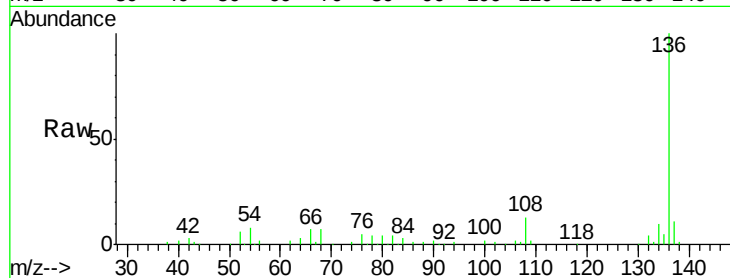




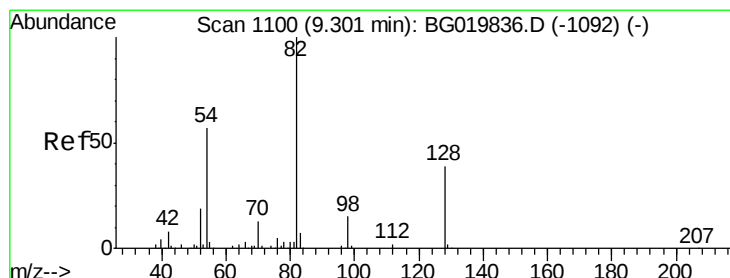
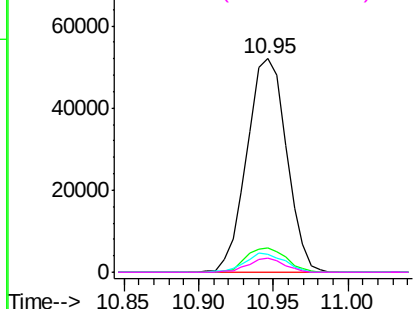
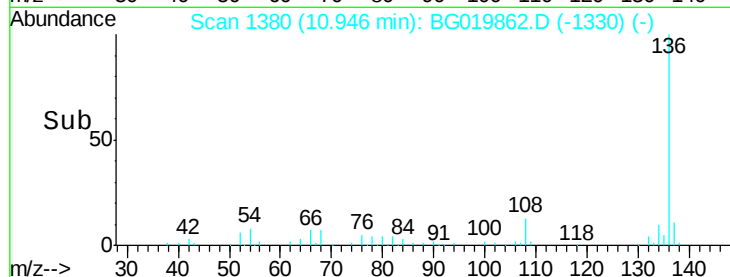
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.95 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BG019862.D
Acq: 3 Dec 2015 9:34

Instrument :
BNA_G
ClientSampleId :
SB-P3WC-02(0-4)

Tgt Ion:	136	Resp:	95530
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	12.8
54	8.2	5.4	8.2#
68	6.6	5.3	7.9

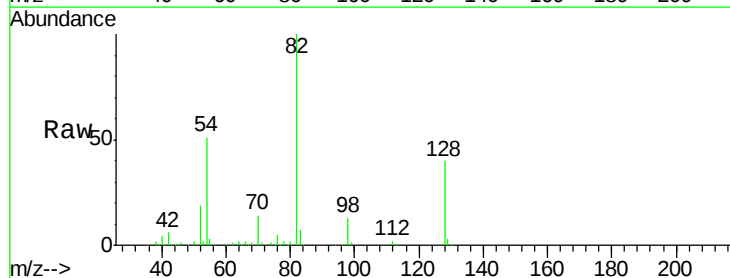


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

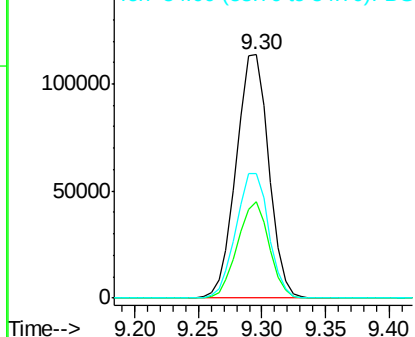
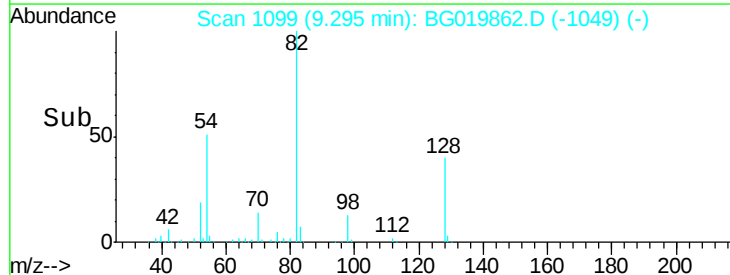


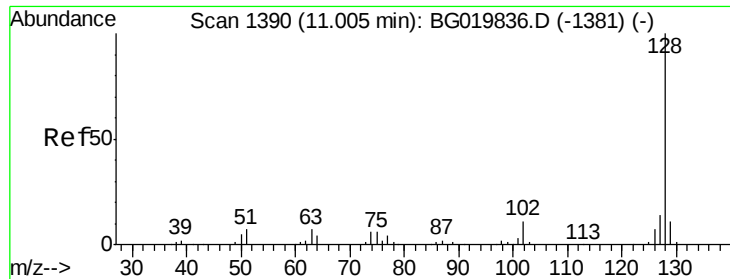
#23
Nitrobenzene-d5
Concen: 108.35 ng
RT: 9.30 min Scan# 1099
Delta R.T. -0.01 min
Lab File: BG019862.D
Acq: 3 Dec 2015 9:34

Tgt Ion:	82	Resp:	202804
Ion	Ratio	Lower	Upper
82	100		
128	39.5	36.7	55.1
54	51.4	33.8	50.8#



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





#31

Naphthalene

Concen: 6.53 ng

RT: 10.99 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BG019862.D

Acq: 3 Dec 2015 9:34

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-02(0-4)

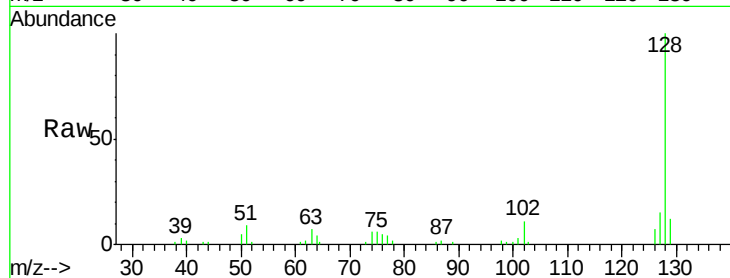
Tgt Ion:128 Resp: 33410

Ion Ratio Lower Upper

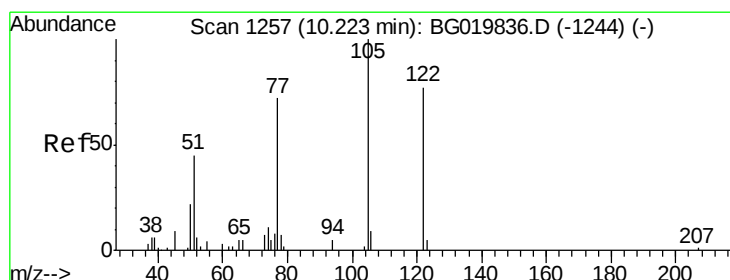
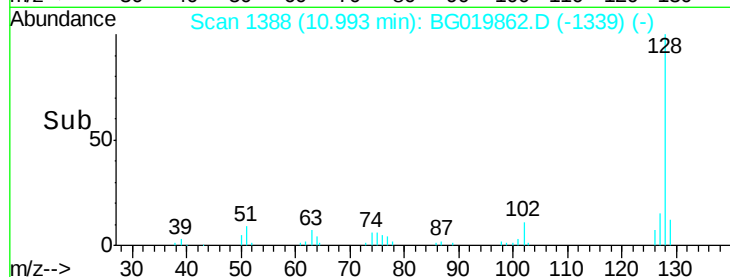
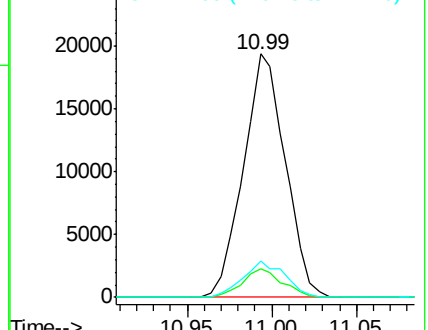
128 100

129 11.7 8.5 12.7

127 14.7 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: 6.05 ng

RT: 10.12 min Scan# 1240

Delta R.T. -0.10 min

Lab File: BG019862.D

Acq: 3 Dec 2015 9:34

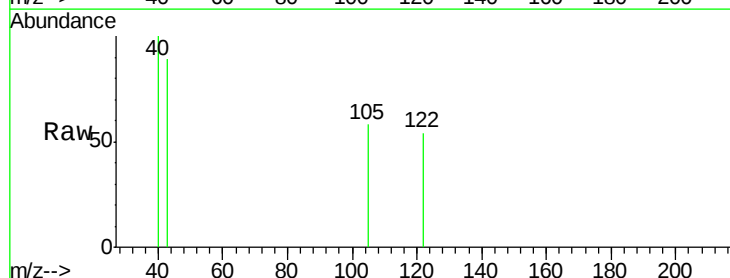
Tgt Ion:122 Resp: 56

Ion Ratio Lower Upper

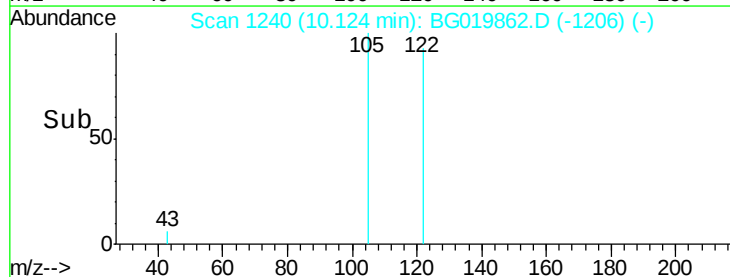
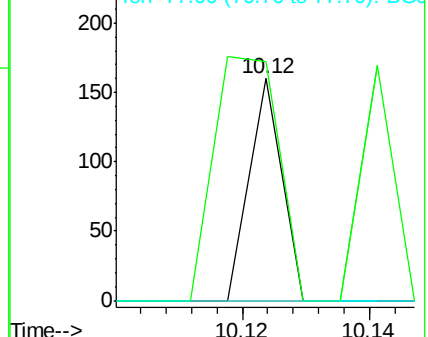
122 100

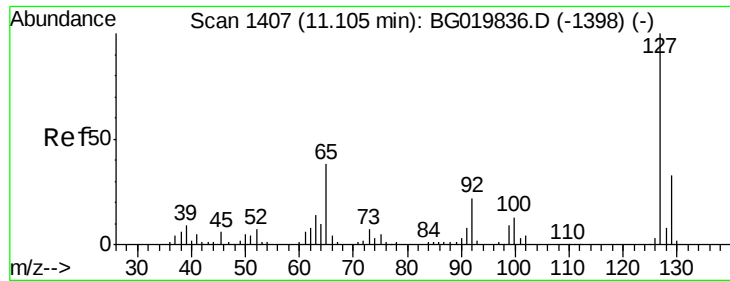
105 107.5 103.8 143.8

77 0.0 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

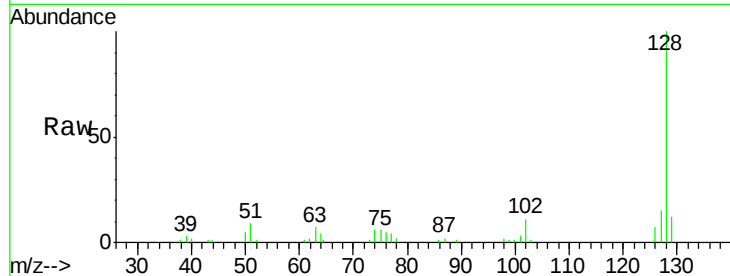




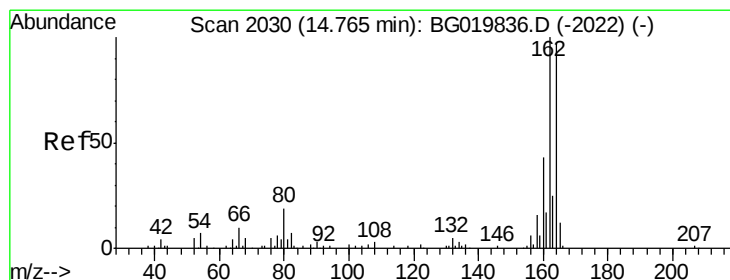
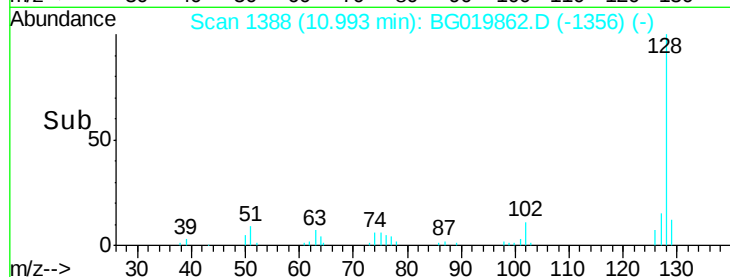
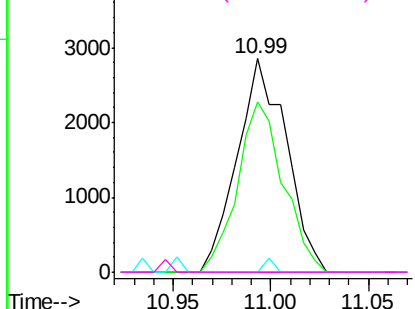
#33
4-Chloroaniline
Concen: 2.20 ng
RT: 10.99 min Scan# 1388
Delta R.T. -0.11 min
Lab File: BG019862.D
Acq: 3 Dec 2015 9:34

Instrument :
BNA_G
ClientSampleId :
SB-P3WC-02(0-4)

Tgt Ion:127 Resp: 4967
Ion Ratio Lower Upper
127 100
129 79.7 24.6 37.0#
65 0.0 22.6 33.8#
92 0.0 15.1 22.7#

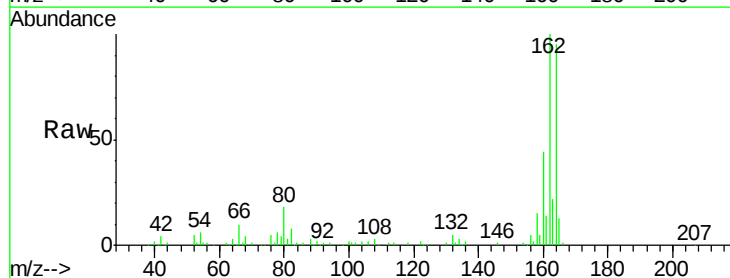


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

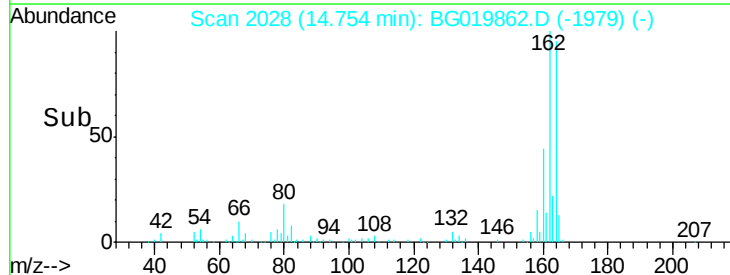
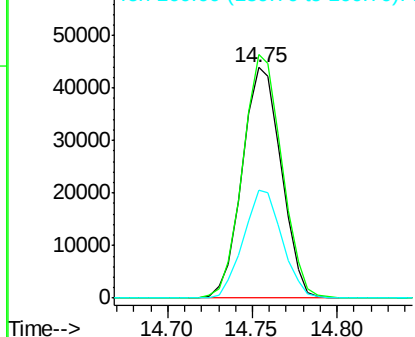


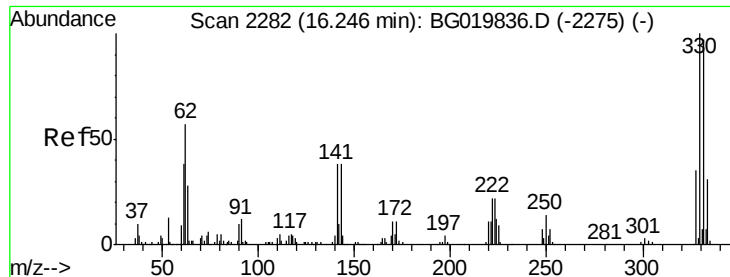
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BG019862.D
Acq: 3 Dec 2015 9:34

Tgt Ion:164 Resp: 70462
Ion Ratio Lower Upper
164 100
162 105.7 78.8 118.2
160 46.8 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: 162.06 ng

RT: 16.24 min Scan# 2281

Delta R.T. -0.01 min

Lab File: BG019862.D

Acq: 3 Dec 2015 9:34

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-02(0-4)

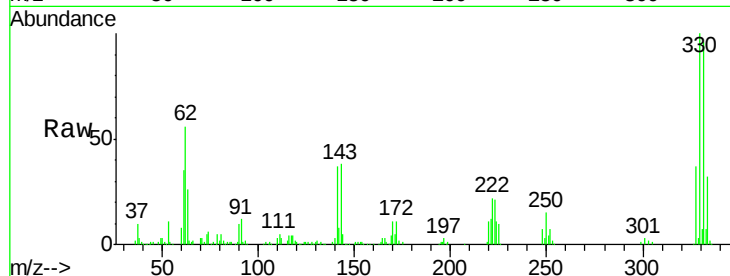
Tgt Ion:330 Resp: 174716

Ion Ratio Lower Upper

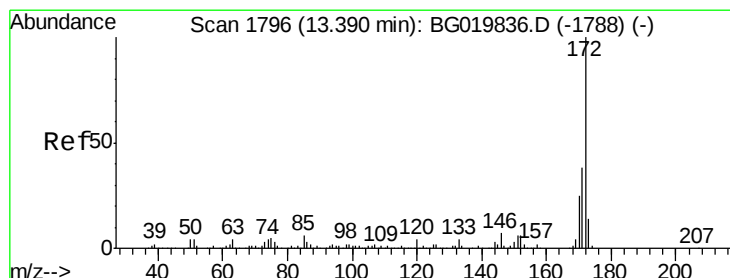
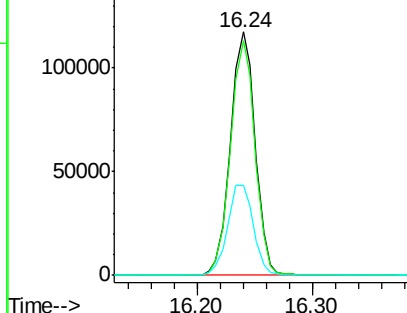
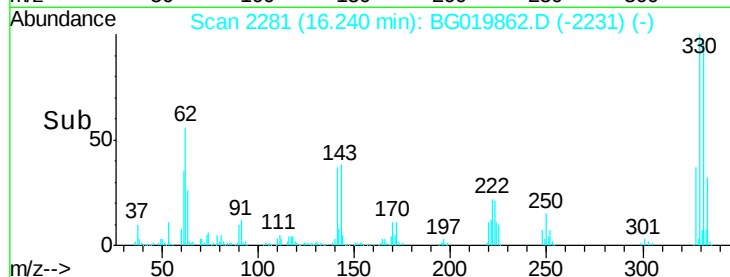
330 100

332 95.4 78.1 117.1

141 38.5 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: 98.87 ng

RT: 13.38 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BG019862.D

Acq: 3 Dec 2015 9:34

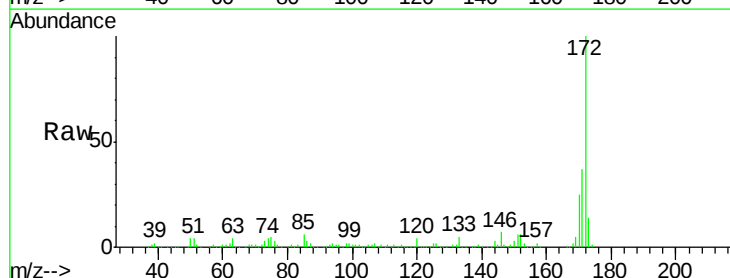
Tgt Ion:172 Resp: 510215

Ion Ratio Lower Upper

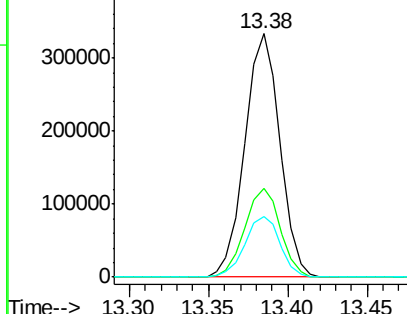
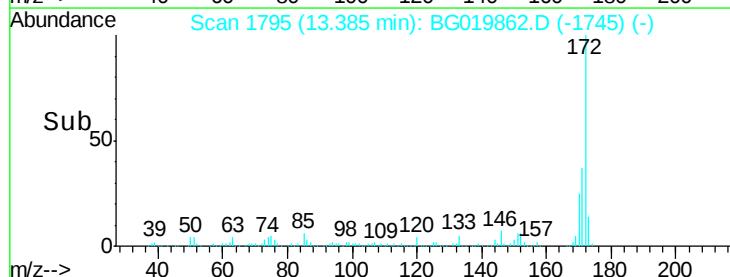
172 100

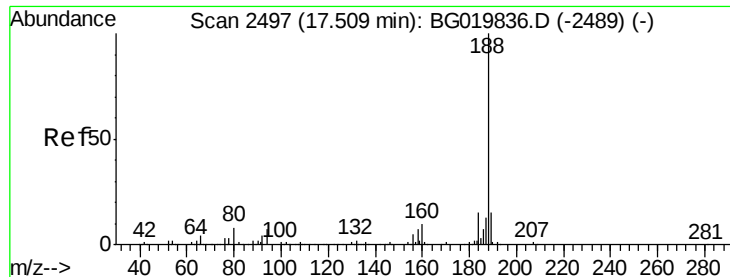
171 36.7 29.0 43.6

170 24.9 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

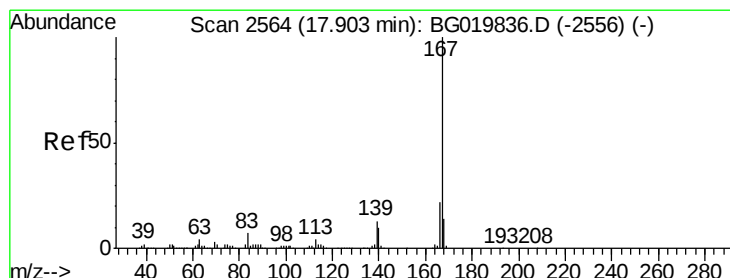
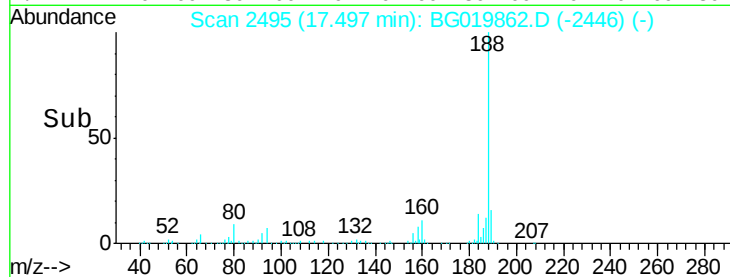
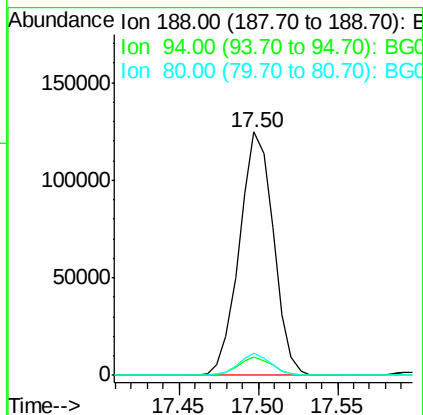
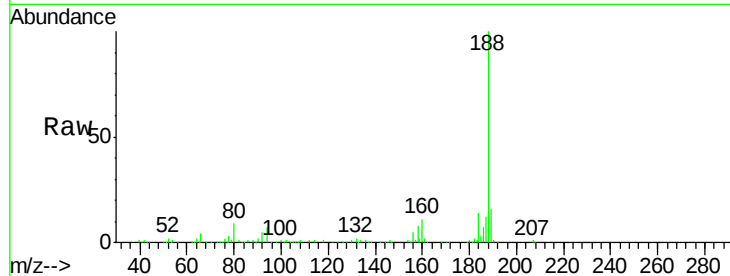




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.50 min Scan# 2495
Delta R.T. -0.01 min
Lab File: BG019862.D
Acq: 3 Dec 2015 9:34

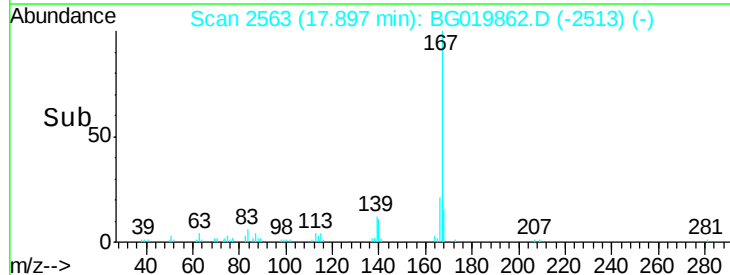
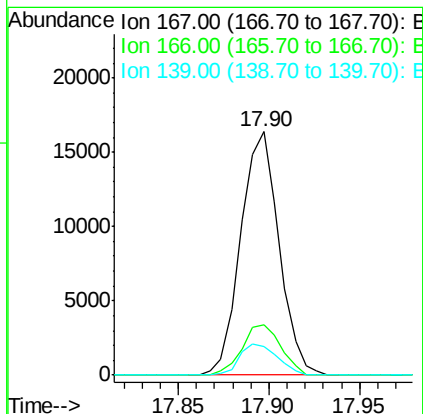
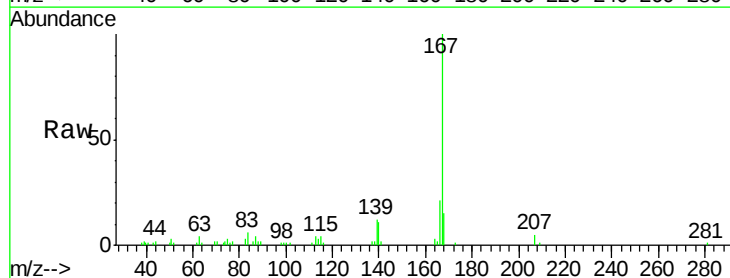
Instrument :
BNA_G
ClientSampleId :
SB-P3WC-02(0-4)

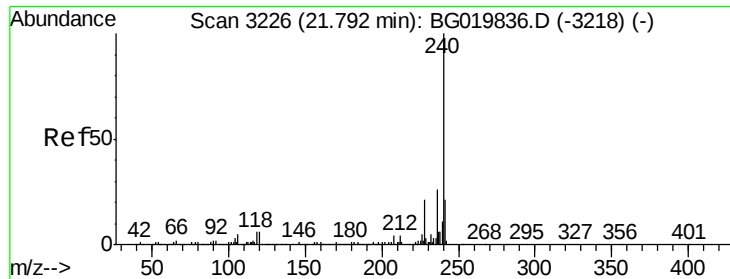
Tgt Ion:188 Resp: 185868
Ion Ratio Lower Upper
188 100
94 7.4 7.7 11.5#
80 9.1 7.8 11.8



#72
Carbazole
Concen: 2.55 ng
RT: 17.90 min Scan# 2563
Delta R.T. -0.01 min
Lab File: BG019862.D
Acq: 3 Dec 2015 9:34

Tgt Ion:167 Resp: 24017
Ion Ratio Lower Upper
167 100
166 20.8 19.0 28.6
139 11.9 10.2 15.4

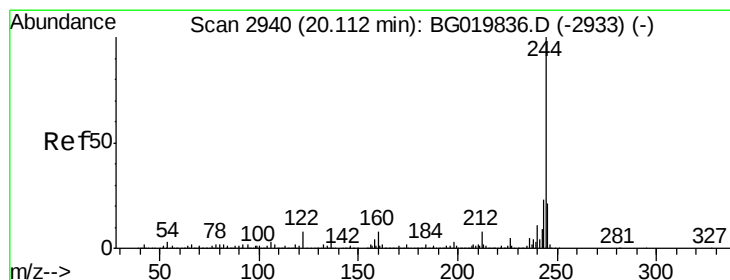
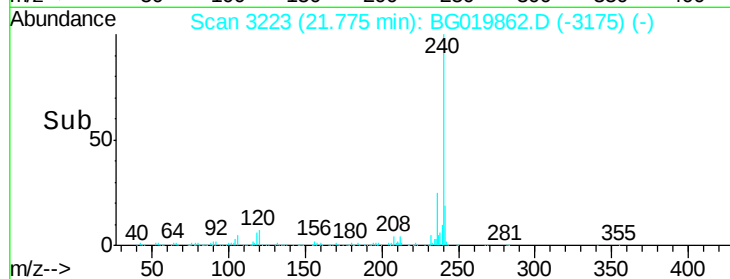
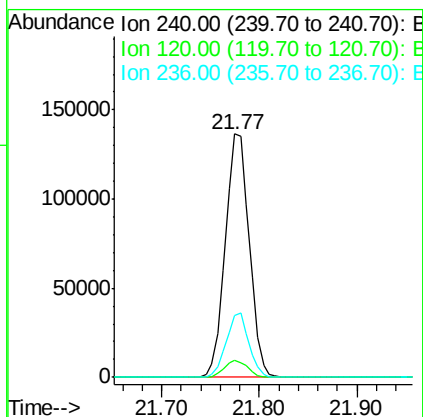
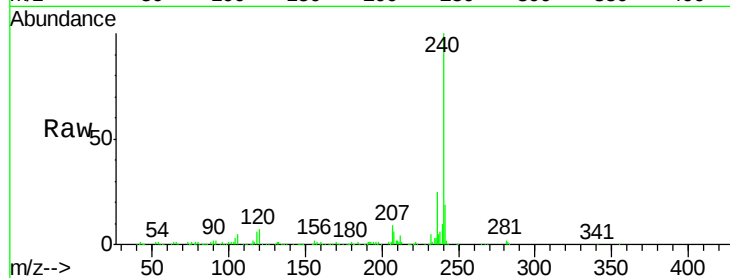




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.77 min Scan# 3223
Delta R.T. -0.02 min
Lab File: BG019862.D
Acq: 3 Dec 2015 9:34

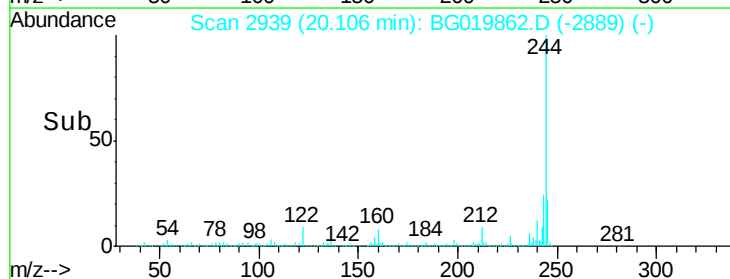
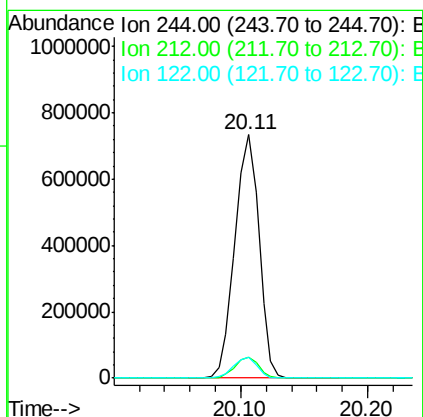
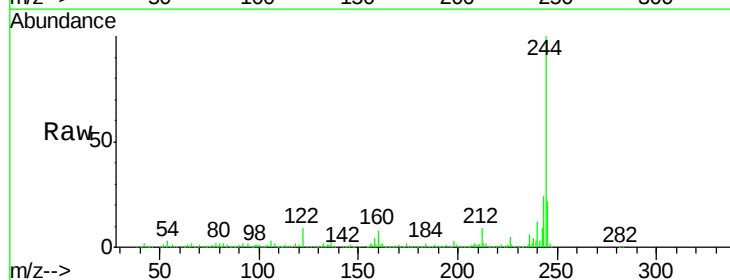
Instrument :
BNA_G
ClientSampleId :
SB-P3WC-02(0-4)

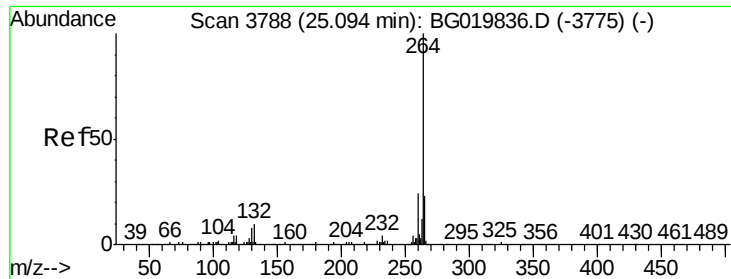
Tgt Ion:240 Resp: 232303
Ion Ratio Lower Upper
240 100
120 7.0 7.4 11.0#
236 25.3 20.7 31.1



#78
Terphenyl-d14
Concen: 101.33 ng
RT: 20.11 min Scan# 2939
Delta R.T. -0.00 min
Lab File: BG019862.D
Acq: 3 Dec 2015 9:34

Tgt Ion:244 Resp: 965012
Ion Ratio Lower Upper
244 100
212 8.6 6.9 10.3
122 8.6 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: BG019862.D
Acq: 3 Dec 2015 9:34

Instrument :
BNA_G
ClientSampleId :
SB-P3WC-02(0-4)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.5	27.7
265	21.8	17.2	25.8

