

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 11:56:36 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

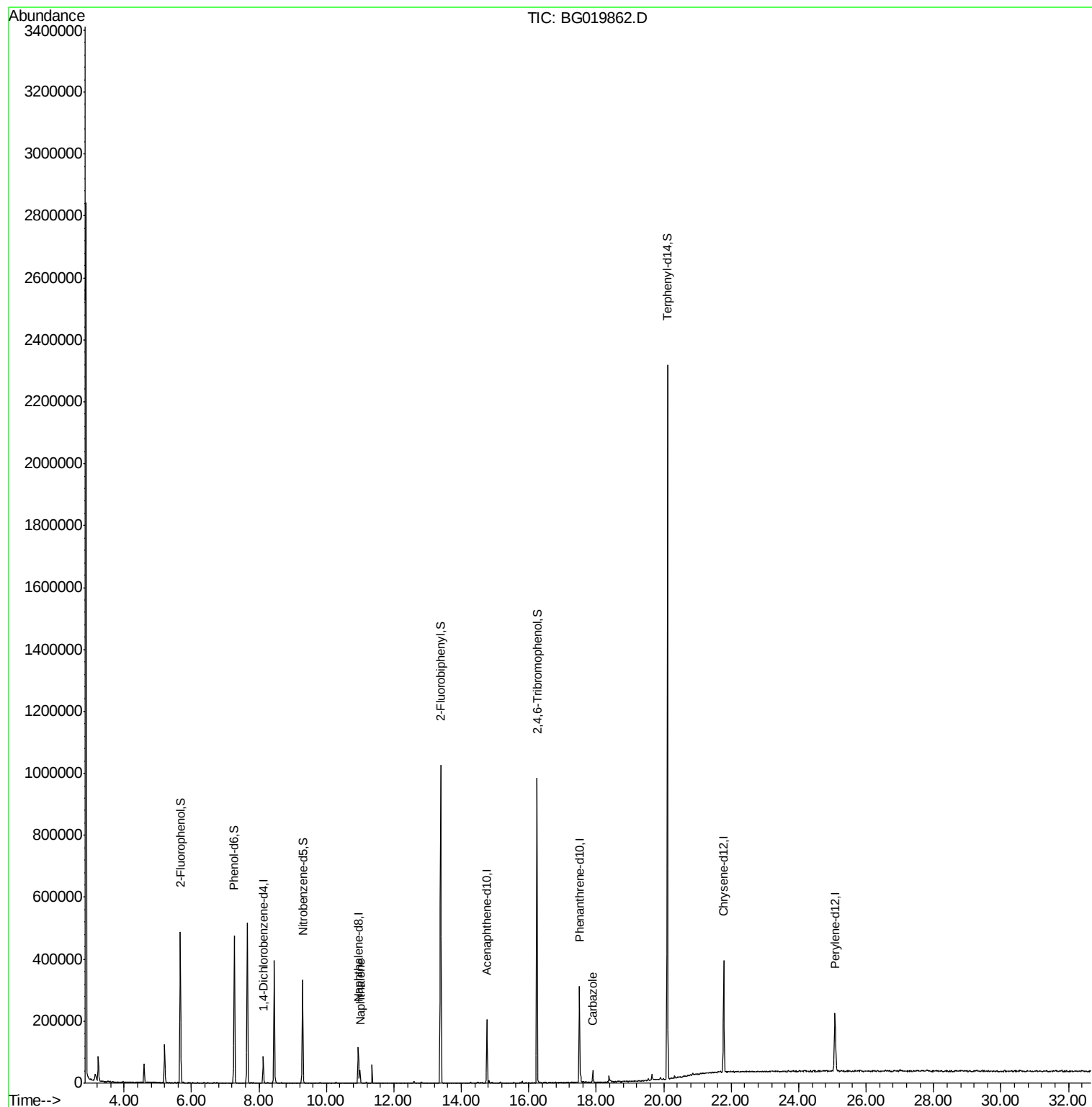
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	22546	20.00	ng	-0.01
21) Naphthalene-d8	10.95	136	95530	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	70462	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	185868	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	232303	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						
31) Naphthalene	10.99	128	33410	6.53	ng	97
72) Carbazole	17.90	167	24017	2.55	ng	95

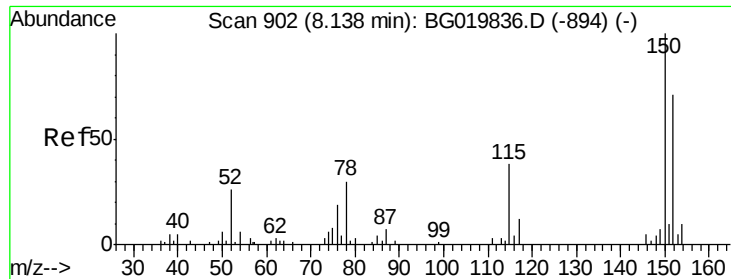
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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)

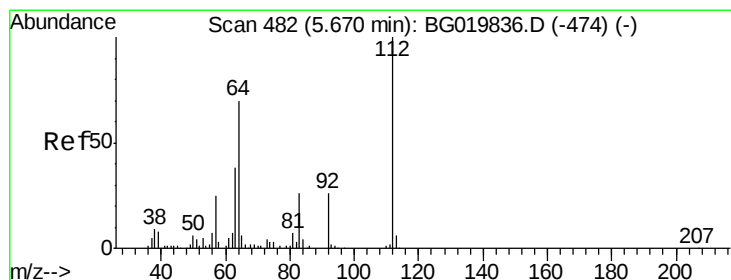
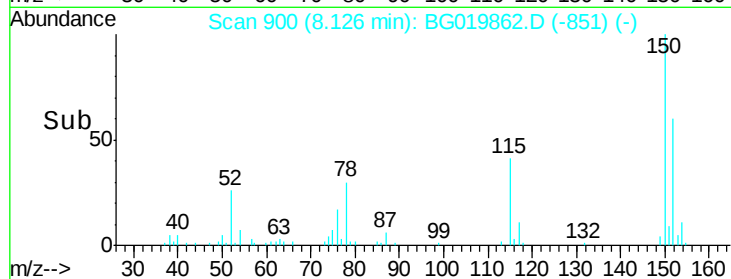
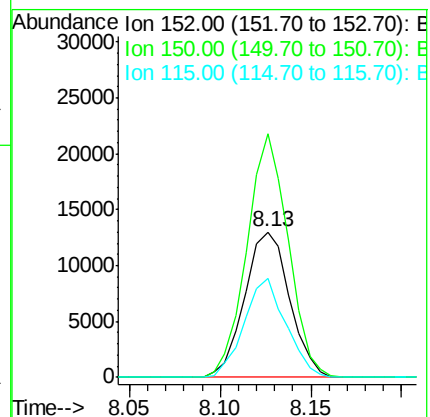
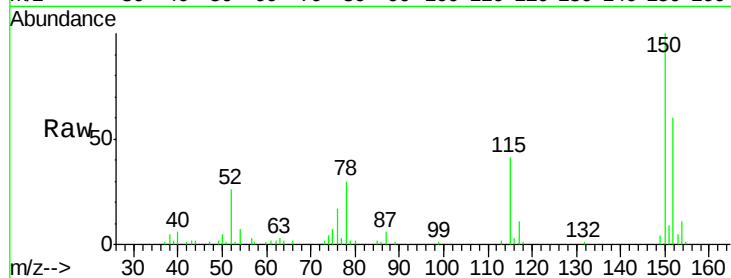
Tgt Ion:152 Resp: 22546

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

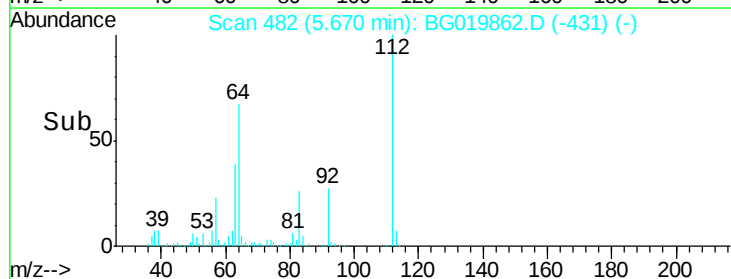
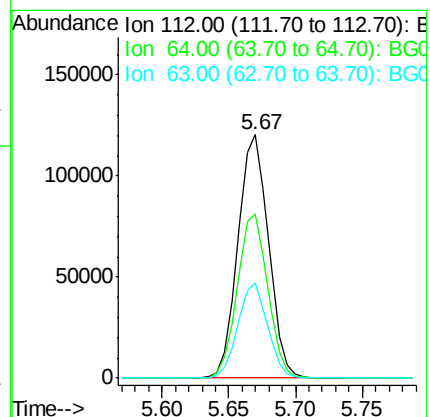
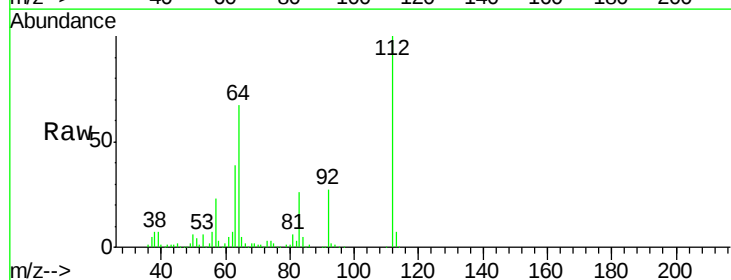
Tgt Ion:112 Resp: 191696

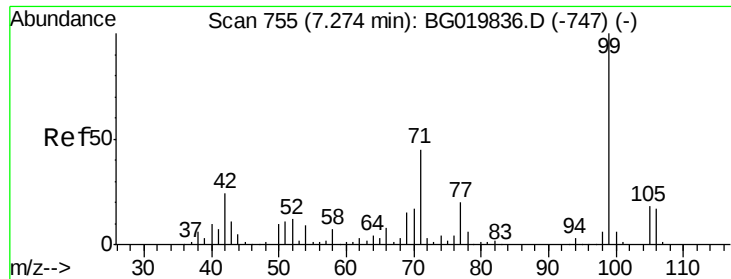
Ion Ratio Lower Upper

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)

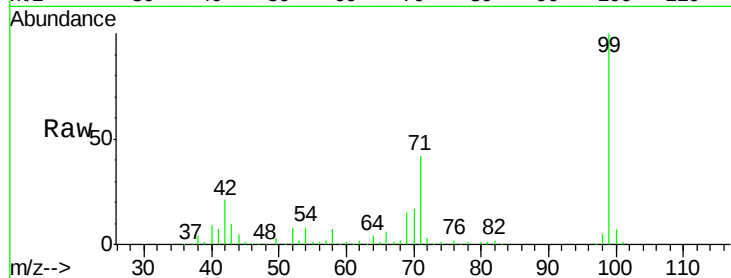
Tgt Ion: 99 Resp: 260150

Ion Ratio Lower Upper

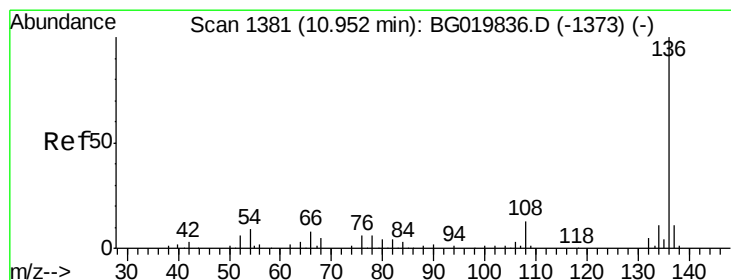
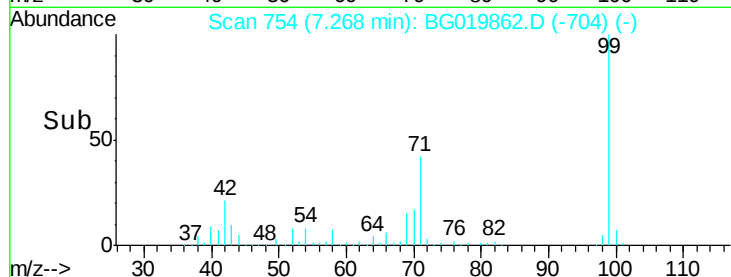
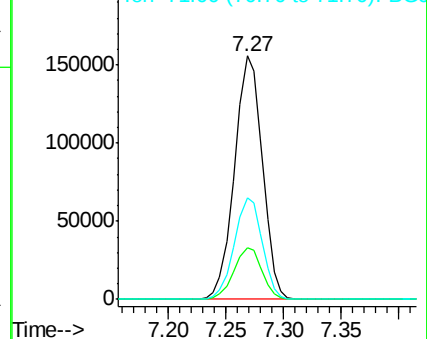
99 100

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



#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

Tgt Ion: 136 Resp: 95530

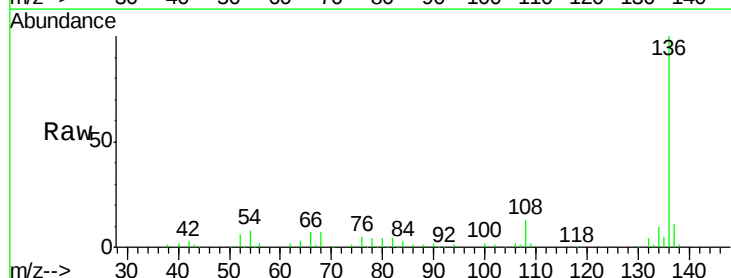
Ion Ratio Lower Upper

136 100

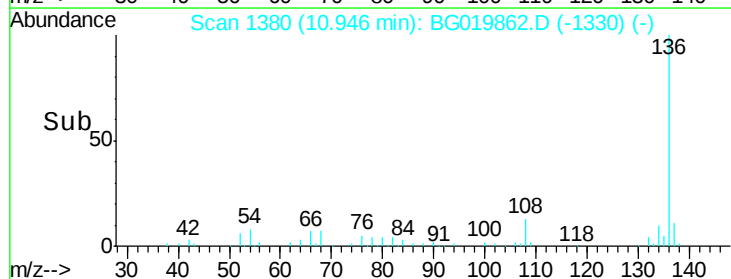
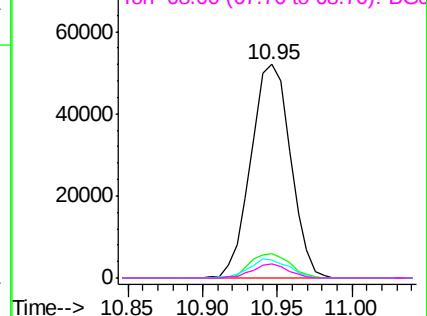
137 11.4 8.6 12.8

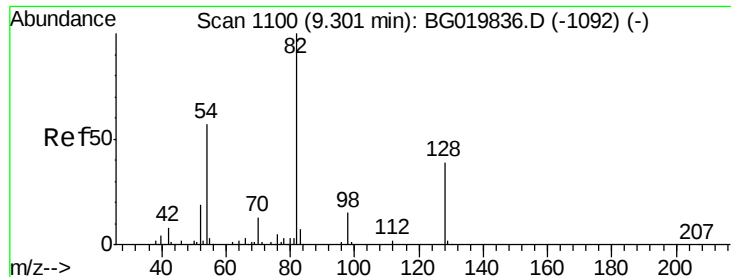
54 8.2 5.4 8.2#

68 6.6 5.3 7.9



Abundance Ion 136.00 (135.70 to 136.70): 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

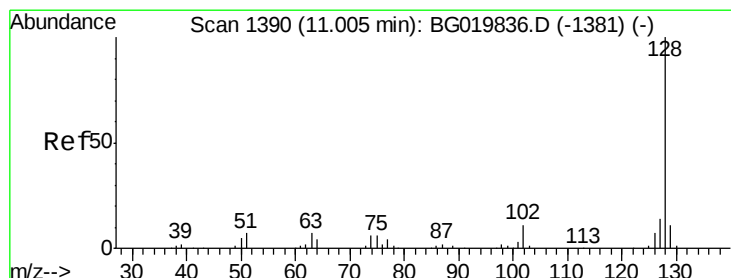
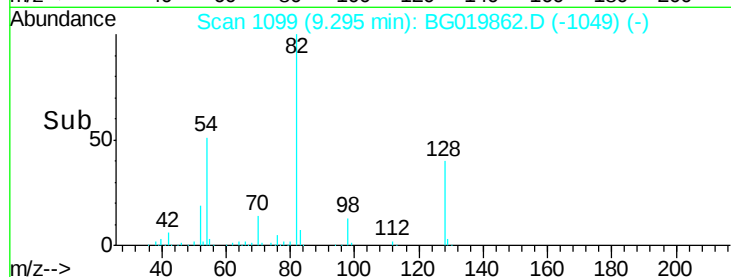
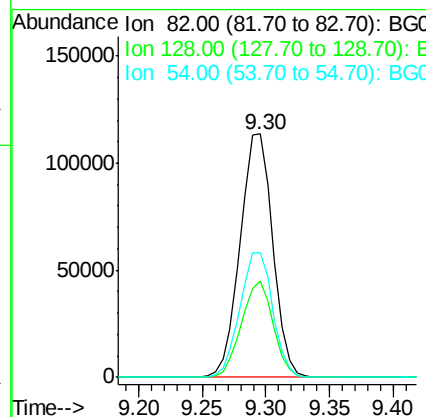
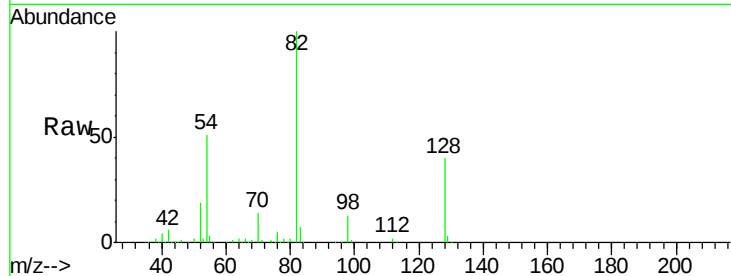




#23
Nitrobenzene-d5
Concen: 108.35 ng
RT: 9.30 min Scan# 1099
Delta R.T. -0.01 min
Lab File: BG019862.D
Acq: 3 Dec 2015 9:34

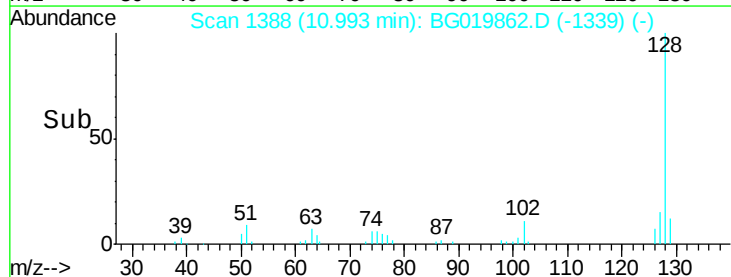
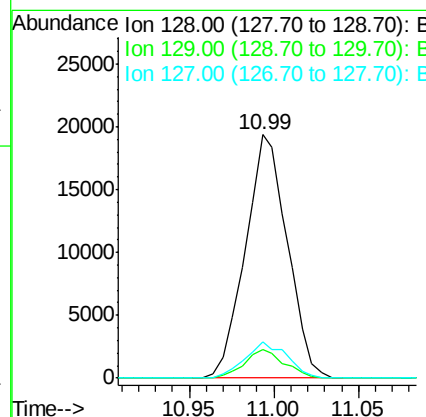
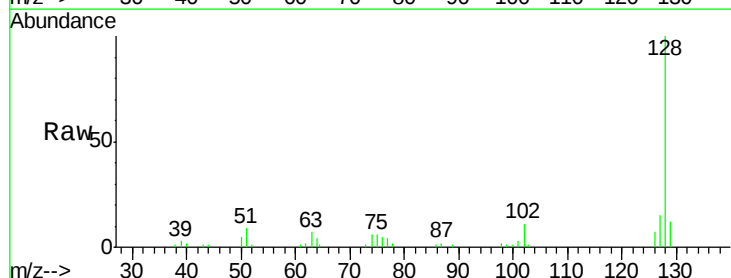
Instrument :
BNA_G
ClientSampleId :
SB-P3WC-02(0-4)

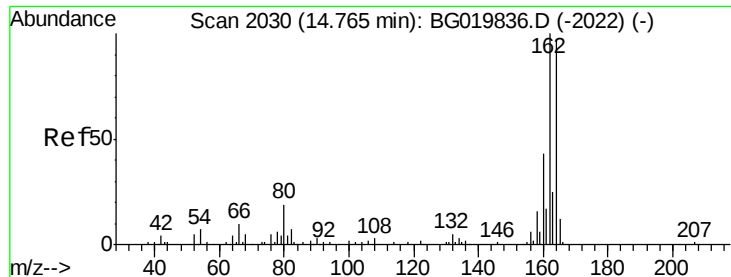
Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.5	36.7	55.1
54	51.4	33.8	50.8#



#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

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.5	12.7
127	14.7	10.6	16.0





#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

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-02(0-4)

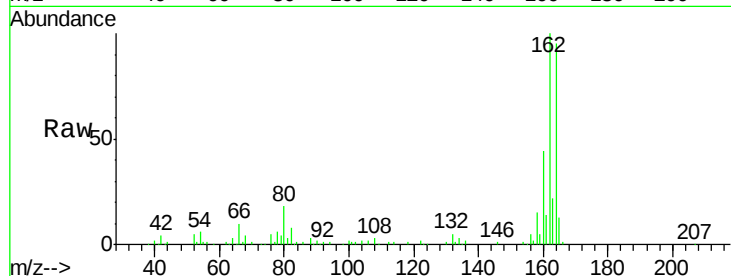
Tgt Ion:164 Resp: 70462

Ion Ratio Lower Upper

164 100

162 105.7 78.8 118.2

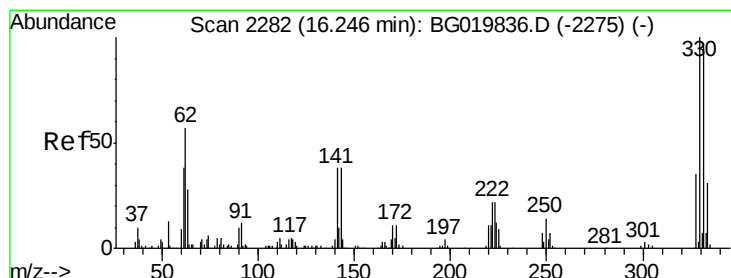
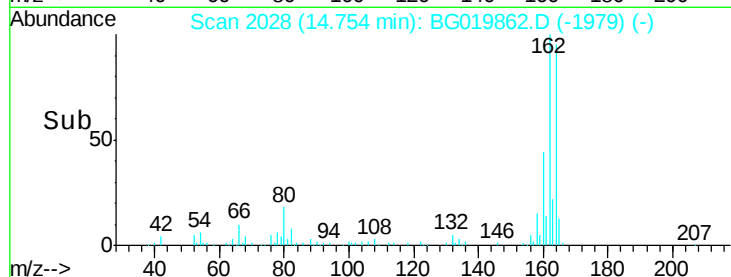
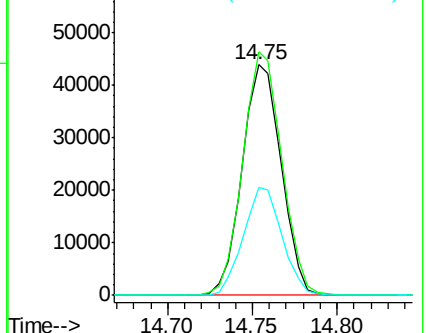
160 46.8 36.4 54.6



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

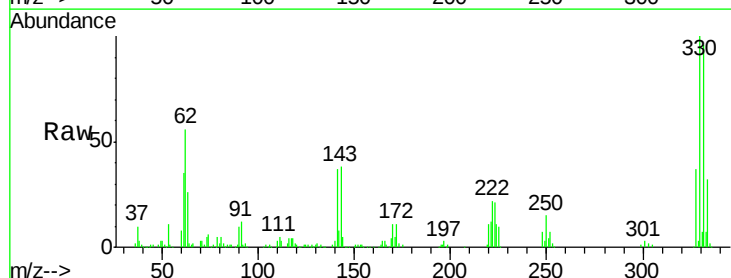
Tgt Ion:330 Resp: 174716

Ion Ratio Lower Upper

330 100

332 95.4 78.1 117.1

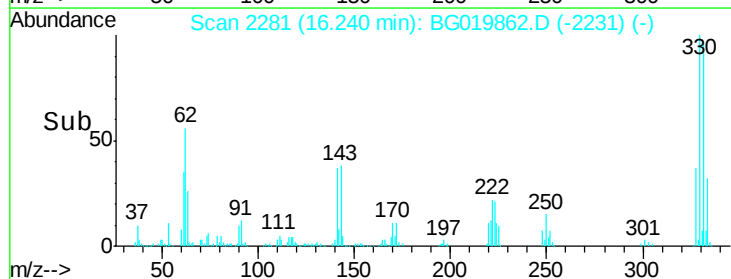
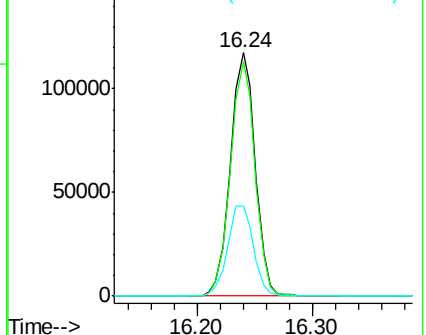
141 38.5 28.2 42.2

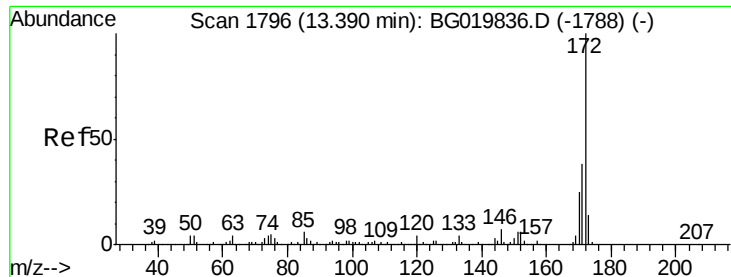


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

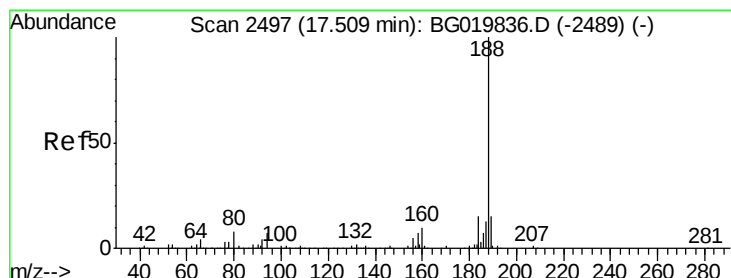
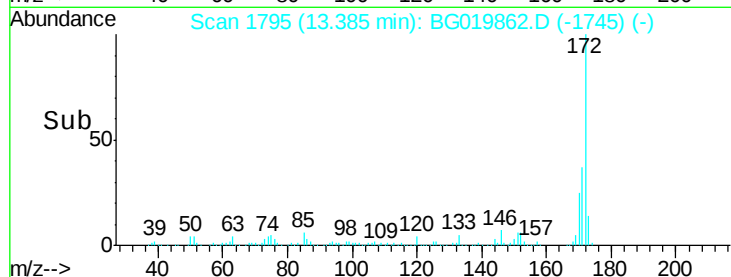
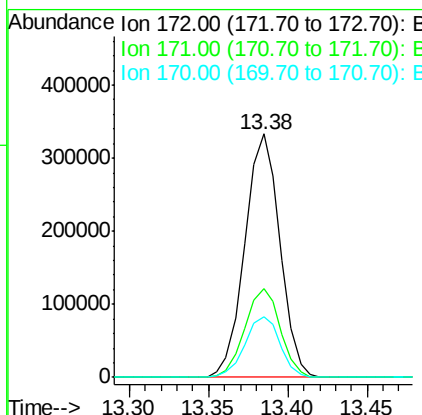
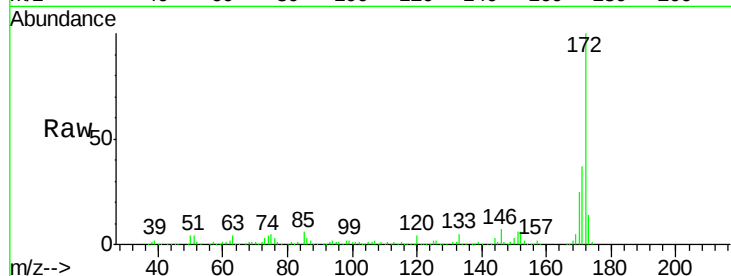




#44
2-Fluorobiphenyl
Concen: 98.87 ng
RT: 13.38 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BG019862.D
Acq: 3 Dec 2015 9:34

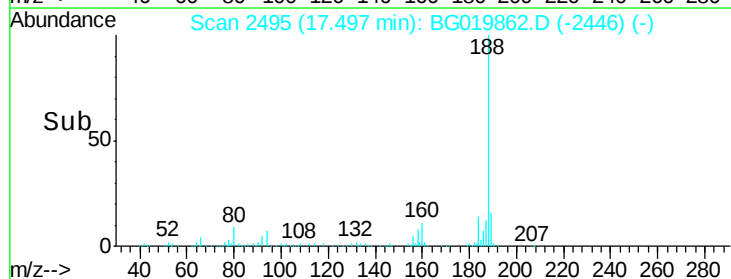
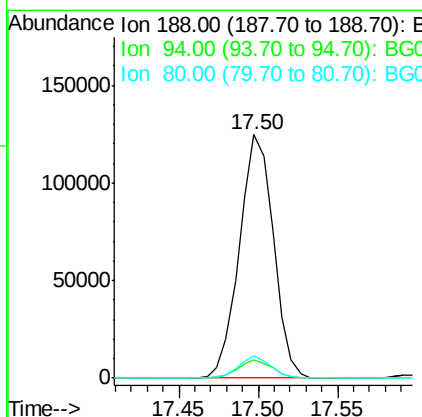
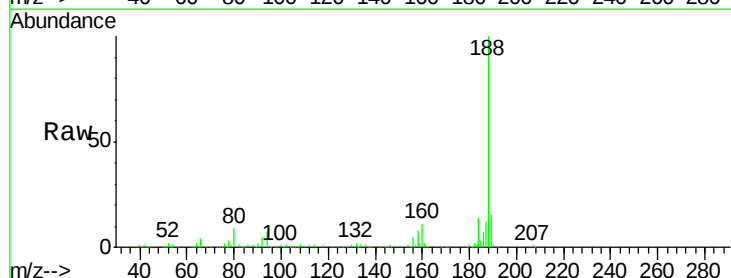
Instrument :
BNA_G
ClientSampleId :
SB-P3WC-02(0-4)

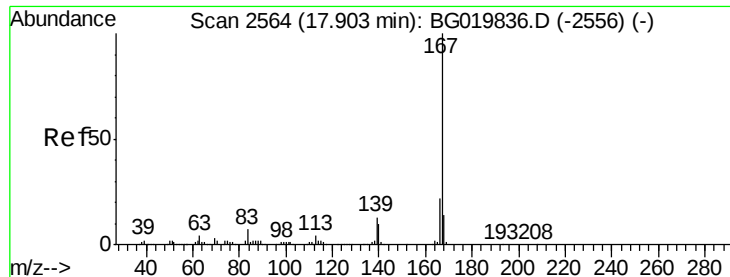
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.0	43.6
170	24.9	19.9	29.9



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

Tgt 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

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-02(0-4)

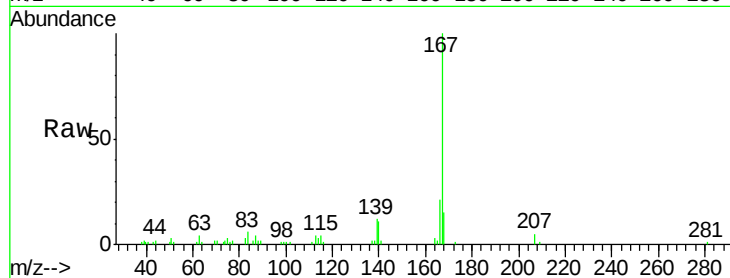
Tgt Ion:167 Resp: 24017

Ion Ratio Lower Upper

167 100

166 20.8 19.0 28.6

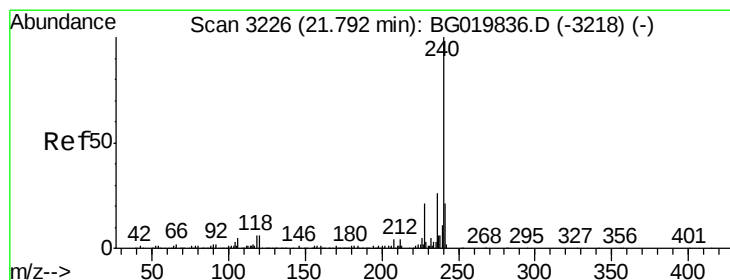
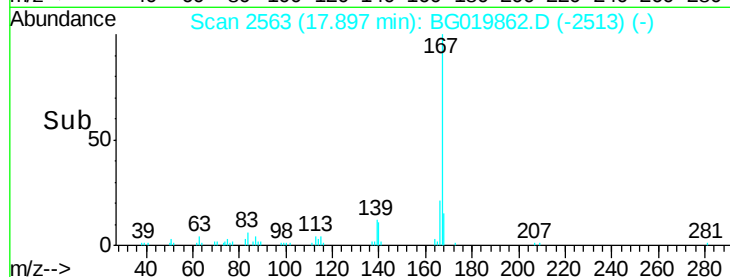
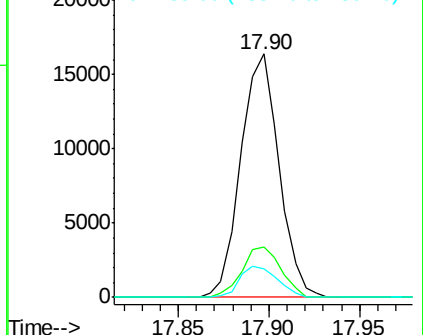
139 11.9 10.2 15.4



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#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

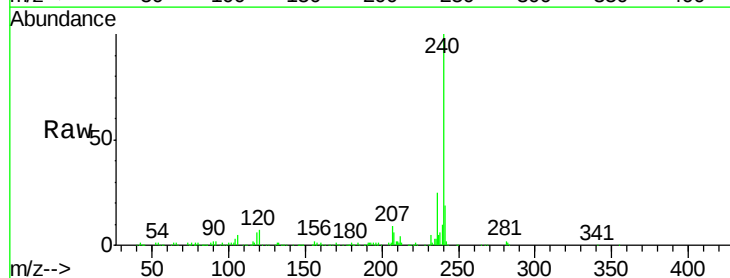
Tgt Ion:240 Resp: 232303

Ion Ratio Lower Upper

240 100

120 7.0 7.4 11.0#

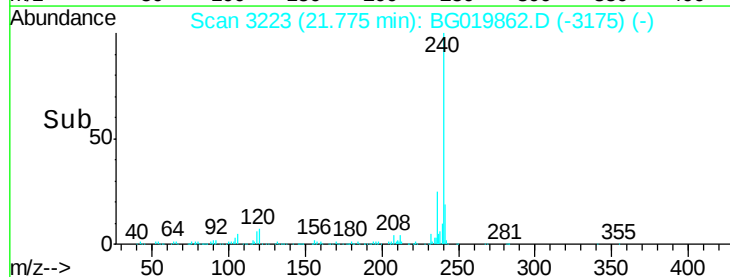
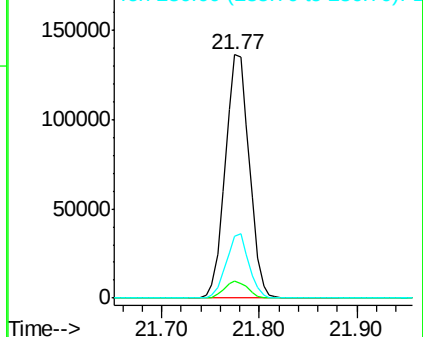
236 25.3 20.7 31.1

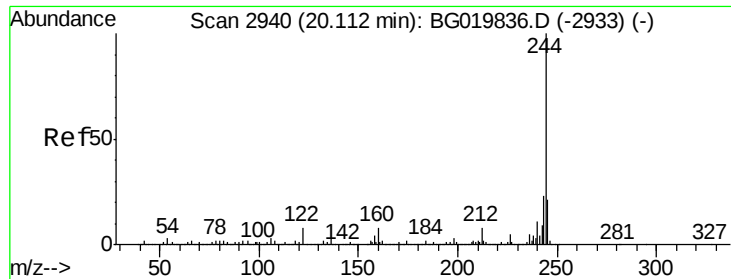


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 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

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-02(0-4)

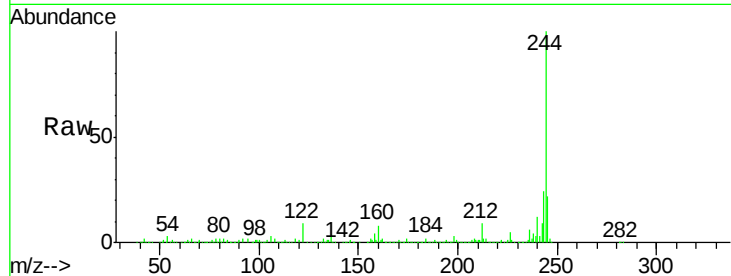
Tgt Ion:244 Resp: 965012

Ion Ratio Lower Upper

244 100

212 8.6 6.9 10.3

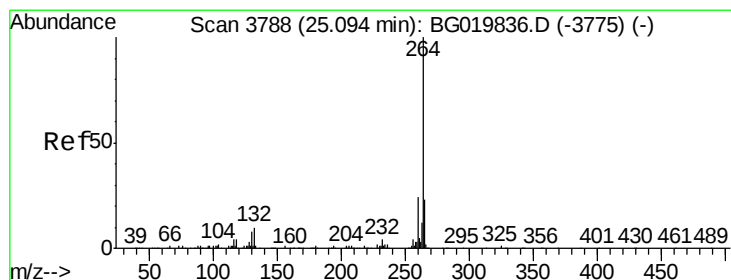
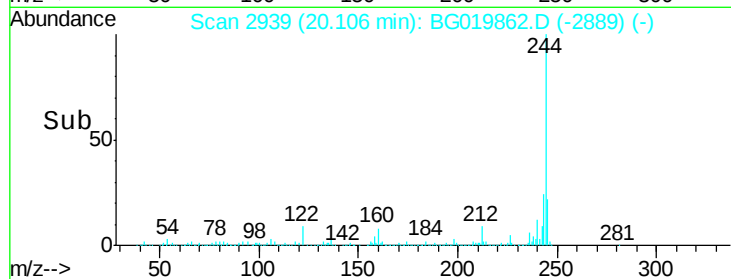
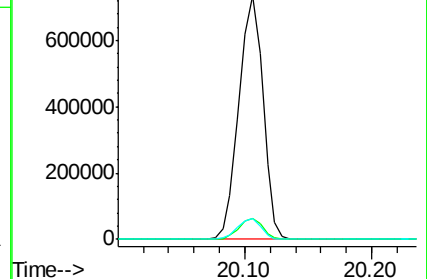
122 8.6 10.2 15.2#



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: 25.08 min Scan# 3785

Delta R.T. -0.02 min

Lab File: BG019862.D

Acq: 3 Dec 2015 9:34

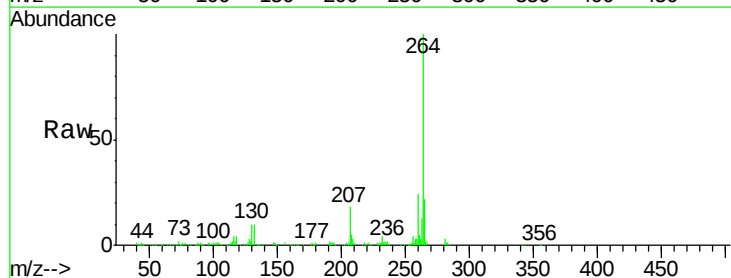
Tgt Ion:264 Resp: 205413

Ion Ratio Lower Upper

264 100

260 23.9 18.5 27.7

265 21.8 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

