

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101315\
 Data File : BG019166.D
 Acq On : 12 Oct 2015 20:28
 Operator : UM/NP
 Sample : G3989-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OW1-C6-GW

Quant Time: Oct 13 14:48:53 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 13 03:45:00 2015
 Response via : Initial Calibration

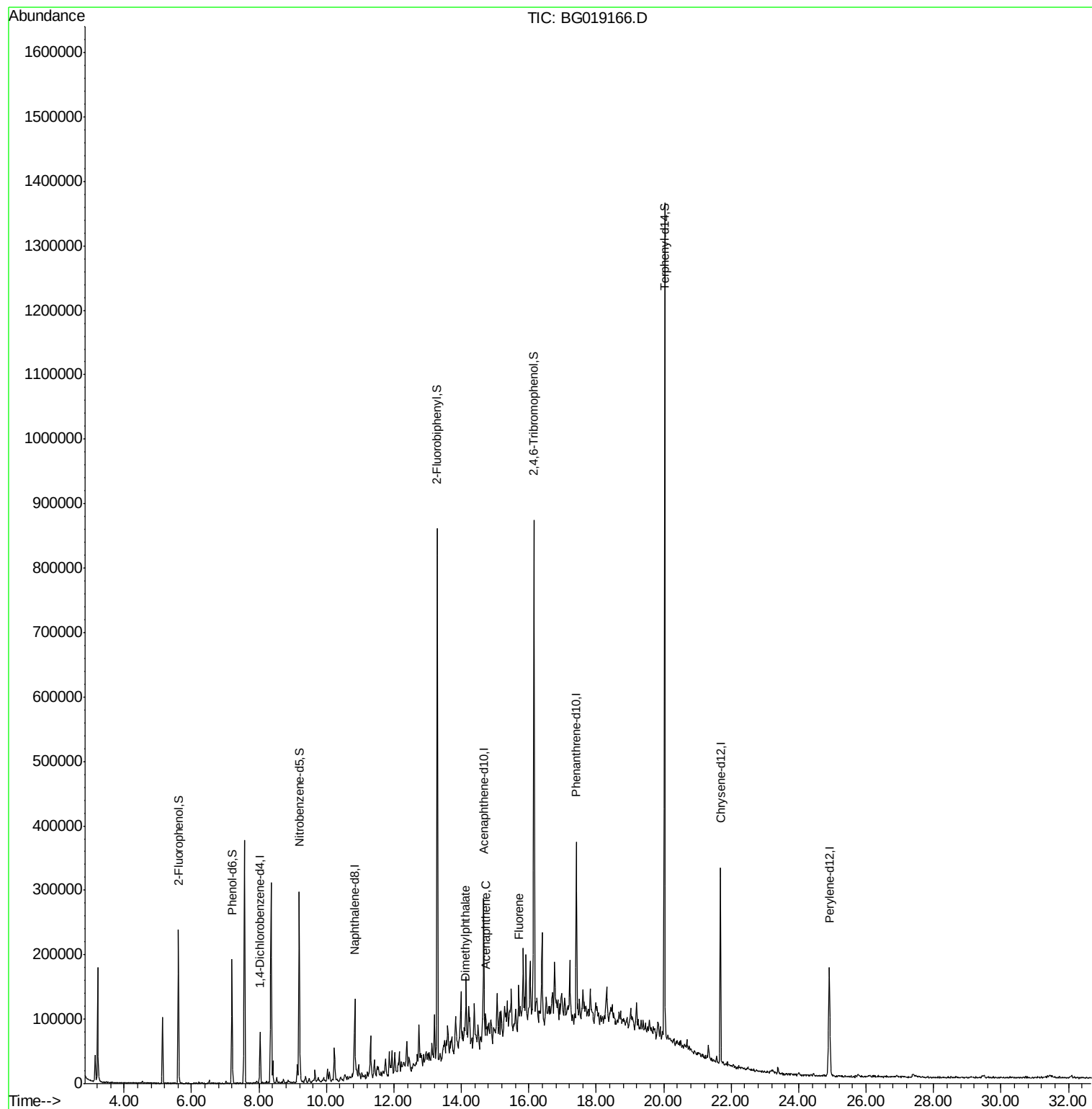
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	20154	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	95050	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	67437	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	155696	20.00	ng	0.00
75) Chrysene-d12	21.68	240	184291	20.00	ng	0.00
86) Perylene-d12	24.91	264	184562	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	88831	89.74	ng	0.00
7) Phenol-d6	7.20	99	96623	63.54	ng	0.00
23) Nitrobenzene-d5	9.20	82	170734	99.25	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	136972	149.05	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	419425	95.63	ng	0.00
78) Terphenyl-d14	20.02	244	559646	80.22	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.11	163	15072	2.83	ng	Qvalue # 92
51) Acenaphthene	14.72	154	9436	2.36	ng	96
57) Fluorene	15.71	166	15479	3.02	ng	# 93

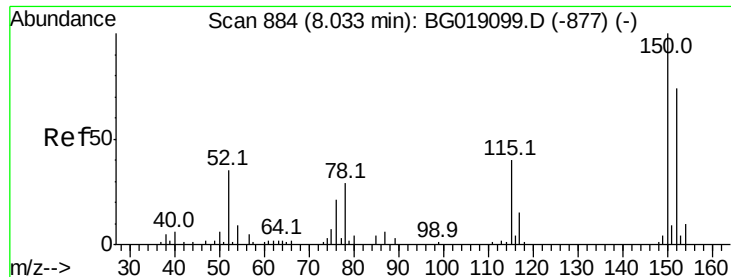
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101315\
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101015.M
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.03 min Scan# 884

Delta R.T. -0.00 min

Lab File: BG019166.D

Acq: 12 Oct 2015 20:28

Instrument :

BNA_G

ClientSampleId :

OW1-C6-GW

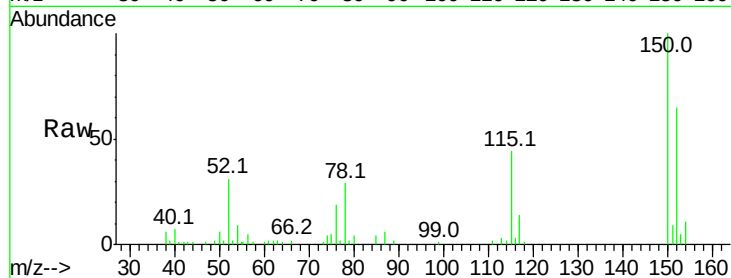
Tot Ion:152 Resp: 20154

Ion Ratio Lower Upper

152 100

150 153.9 108.2 162.2

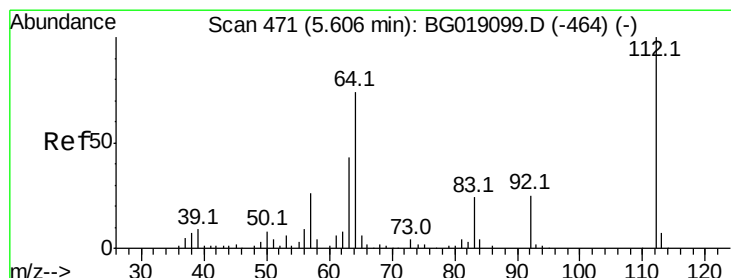
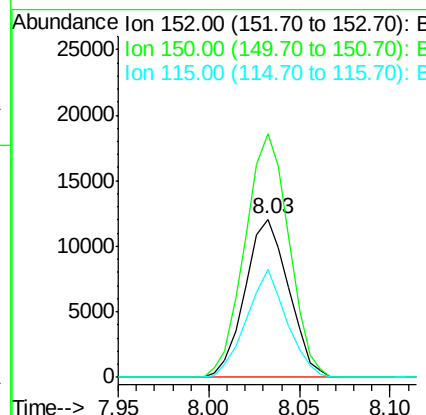
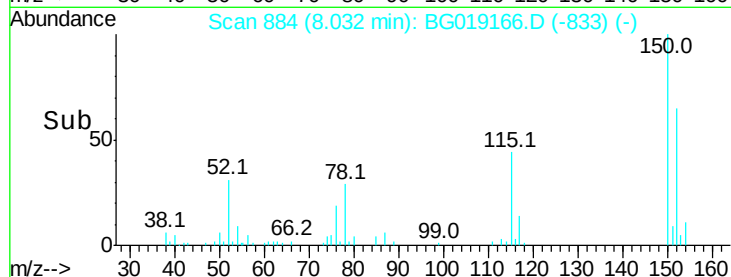
115 68.3 43.2 64.8#



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: 89.74 ng

RT: 5.61 min Scan# 472

Delta R.T. 0.01 min

Lab File: BG019166.D

Acq: 12 Oct 2015 20:28

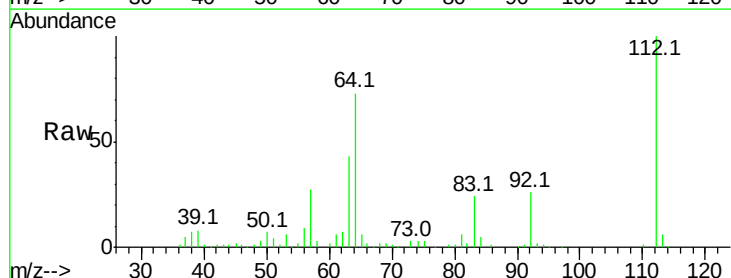
Tgt Ion:112 Resp: 88831

Ion Ratio Lower Upper

112 100

64 72.7 59.0 88.4

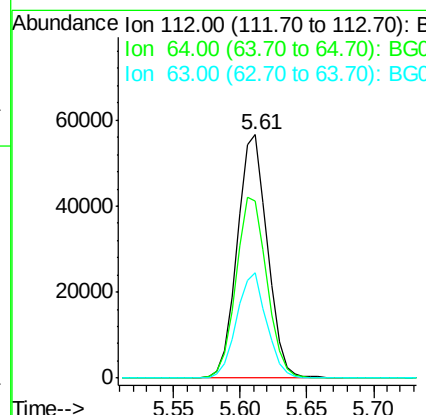
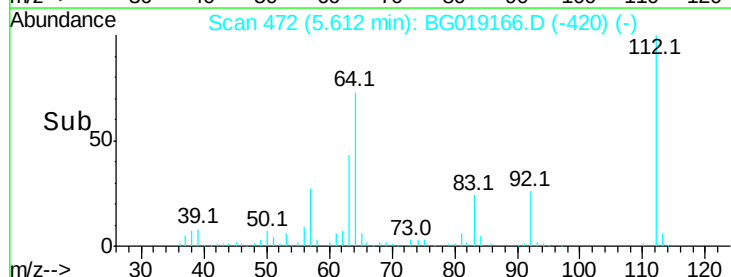
63 43.2 34.7 52.1

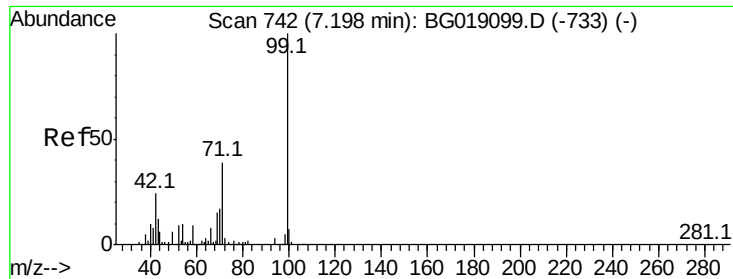


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 63.54 ng

RT: 7.20 min Scan# 742

Delta R.T. -0.01 min

Lab File: BG019166.D

Acq: 12 Oct 2015 20:28

Instrument :

BNA_G

ClientSampleId :

OW1-C6-GW

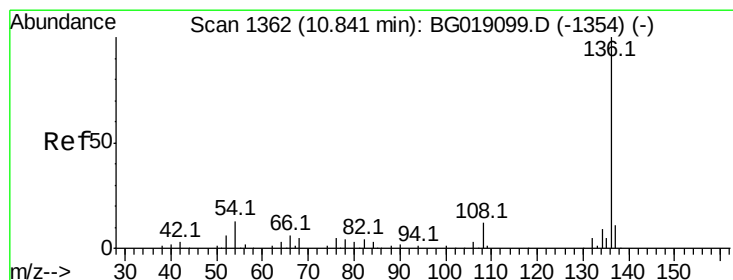
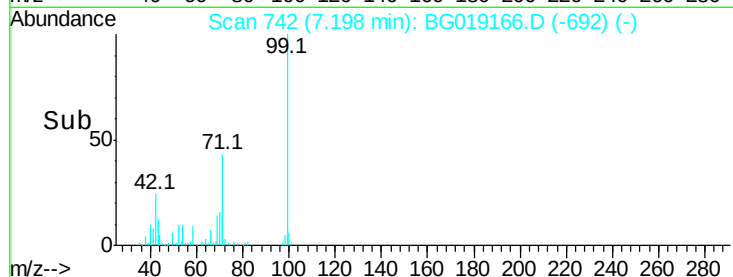
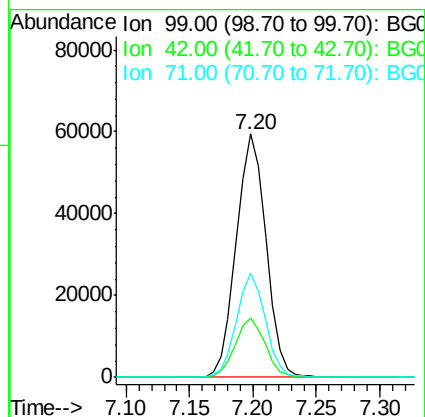
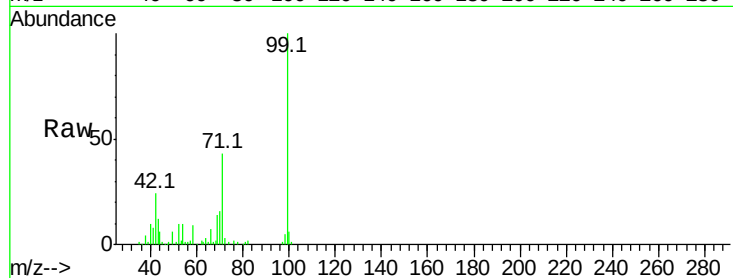
Tot Ion: 99 Resp: 96623

Ion Ratio Lower Upper

99 100

42 24.3 19.5 29.3

71 42.5 31.4 47.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.84 min Scan# 1362

Delta R.T. -0.00 min

Lab File: BG019166.D

Acq: 12 Oct 2015 20:28

Tgt Ion: 136 Resp: 95050

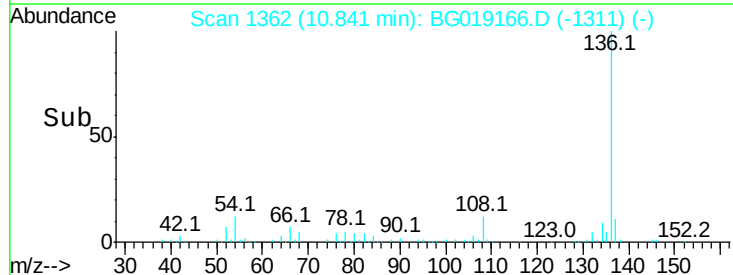
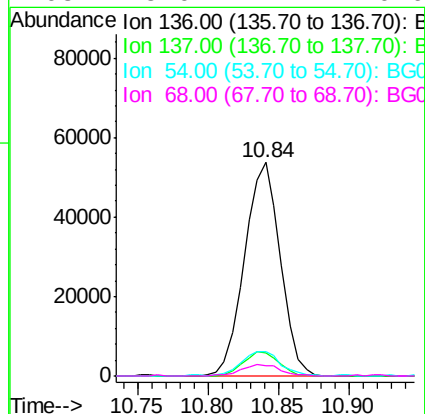
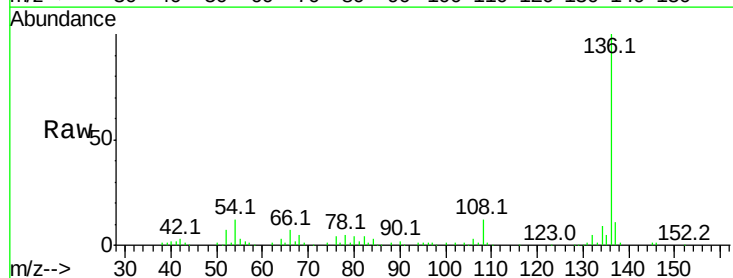
Ion Ratio Lower Upper

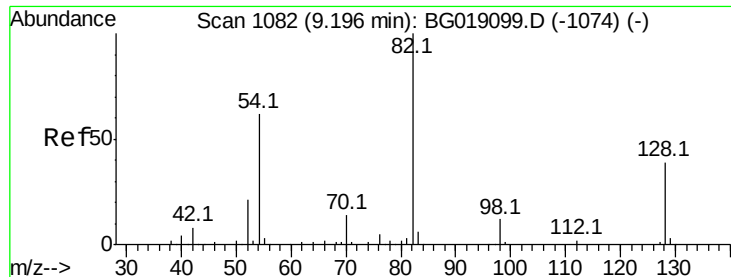
136 100

137 10.6 9.0 13.4

54 11.6 10.1 15.1

68 5.0 4.4 6.6

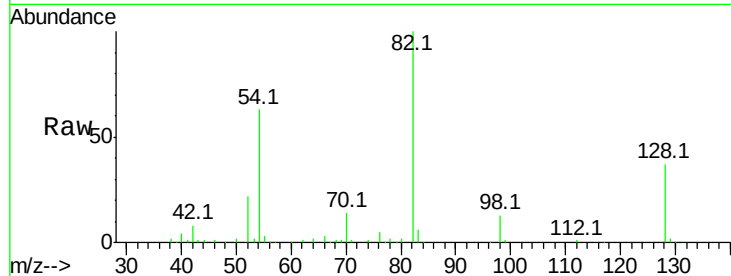




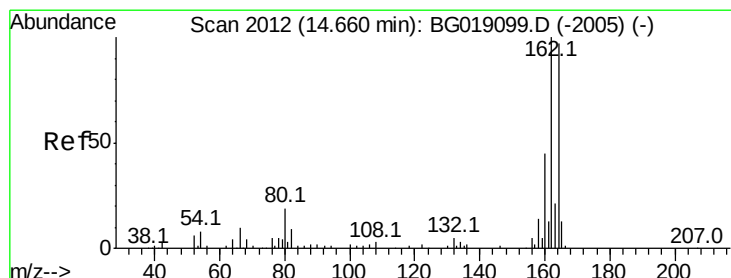
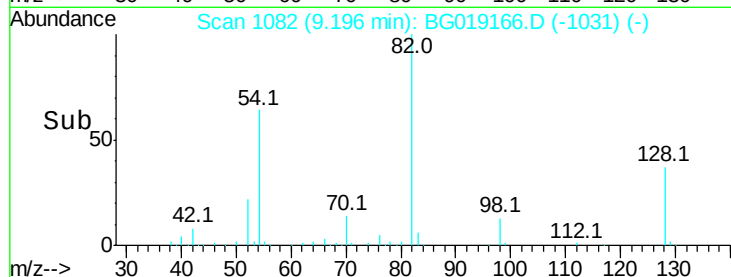
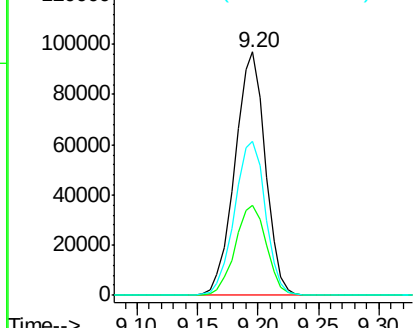
#23
 Nitrobenzene-d5
 Concen: 99.25 ng
 RT: 9.20 min Scan# 1082
 Delta R.T. -0.00 min
 Lab File: BG019166.D
 Acq: 12 Oct 2015 20:28

Instrument :
 BNA_G
 ClientSampleId :
 OW1-C6-GW

Tot Ion	82	Resp	170734
Ion Ratio	Lower	Upper	
82	100		
128	37.0	31.4	47.2
54	63.4	50.0	75.0

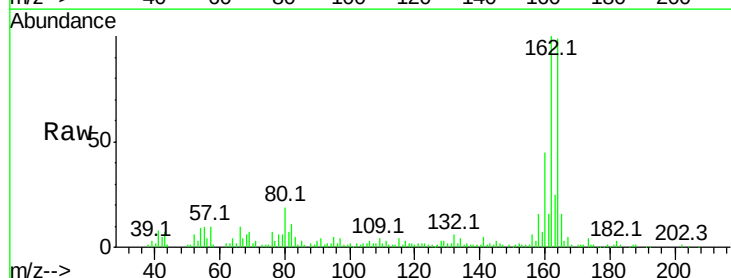


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

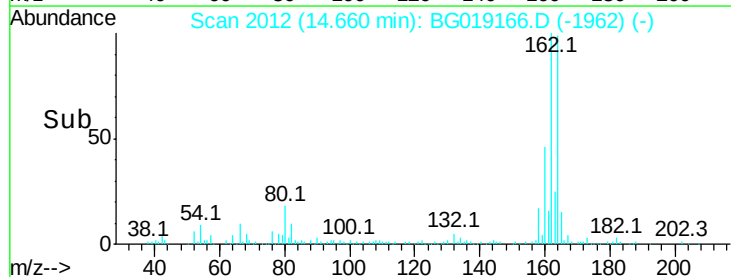
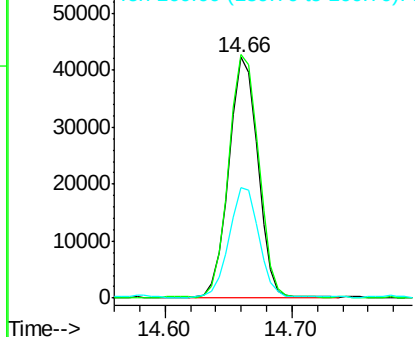


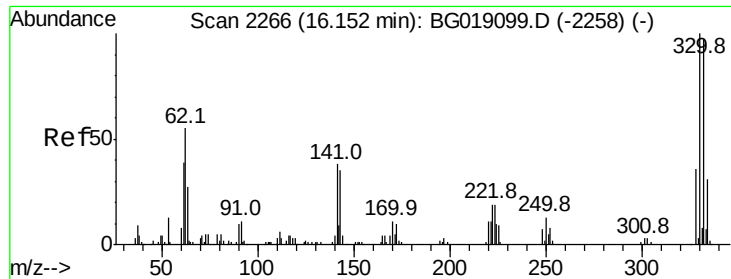
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.66 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BG019166.D
 Acq: 12 Oct 2015 20:28

Tgt Ion	164	Resp	67437
Ion Ratio	Lower	Upper	
164	100		
162	101.2	82.6	124.0
160	45.8	36.9	55.3



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

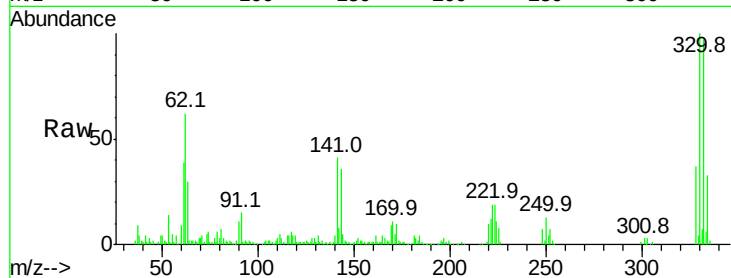




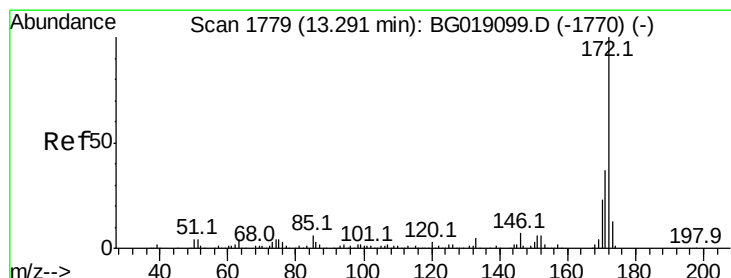
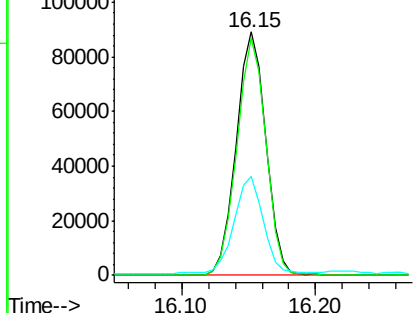
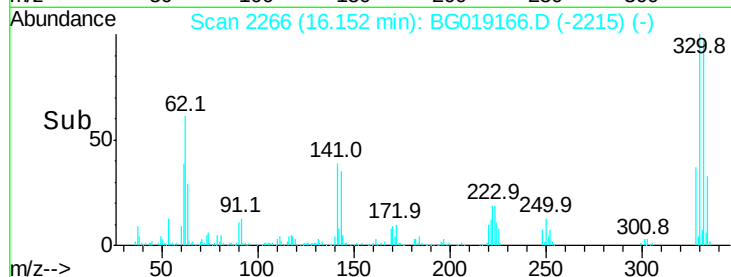
#41
 2,4,6-Tribromophenol
 Concen: 149.05 ng
 RT: 16.15 min Scan# 2266
 Delta R.T. -0.00 min
 Lab File: BG019166.D
 Acq: 12 Oct 2015 20:28

Instrument :
 BNA_G
 ClientSampleId :
 OW1-C6-GW

Tot Ion:330 Resp: 136972
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.3 115.9
 141 39.9 30.7 46.1

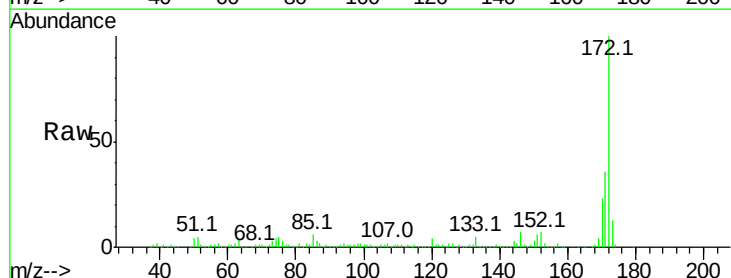


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

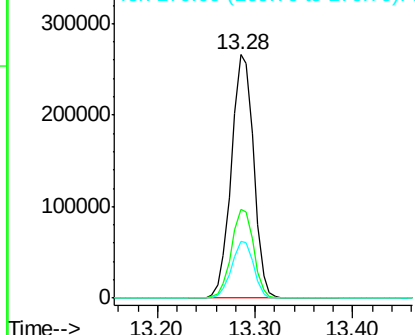
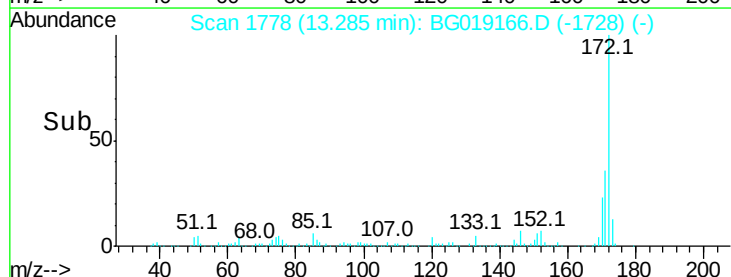


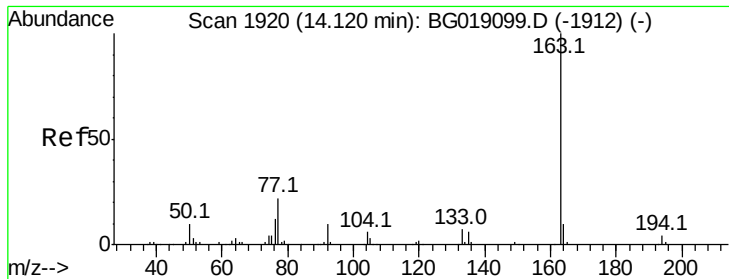
#44
 2-Fluorobiphenyl
 Concen: 95.63 ng
 RT: 13.28 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BG019166.D
 Acq: 12 Oct 2015 20:28

Tgt Ion:172 Resp: 419425
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.9 44.9
 170 23.2 18.6 27.8



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





#49

Dimethylphthalate

Concen: 2.83 ng

RT: 14.11 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BG019166.D

Acq: 12 Oct 2015 20:28

Instrument :

BNA_G

ClientSampleId :

OW1-C6-GW

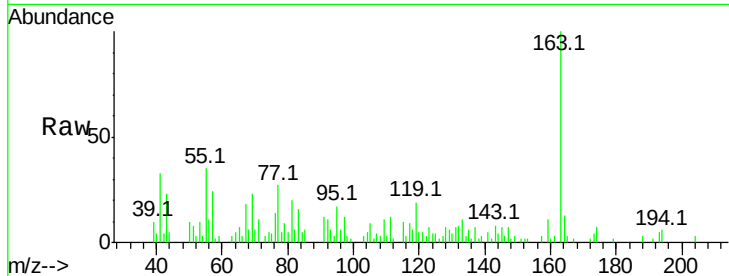
Tot Ion:163 Resp: 15072

Ion Ratio Lower Upper

163 100

194 5.8 3.2 4.8#

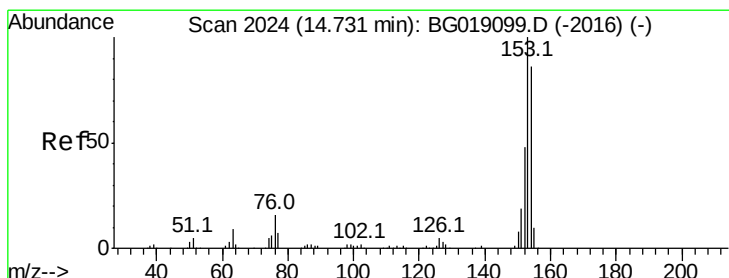
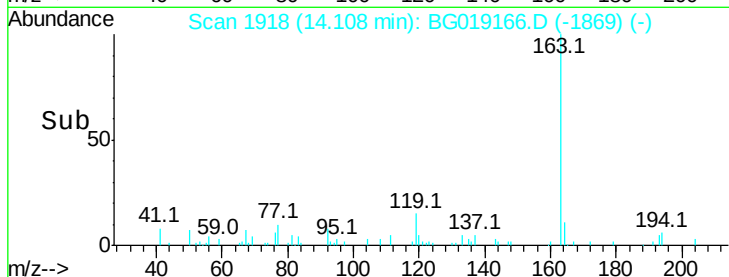
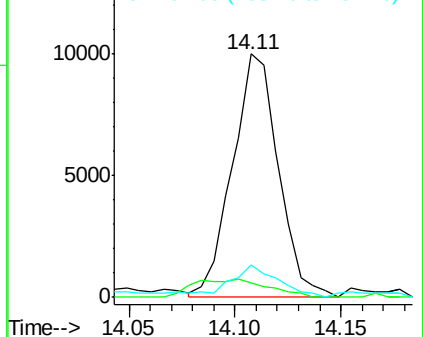
164 13.4 8.1 12.1#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

Acenaphthene

Concen: 2.36 ng

RT: 14.72 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BG019166.D

Acq: 12 Oct 2015 20:28

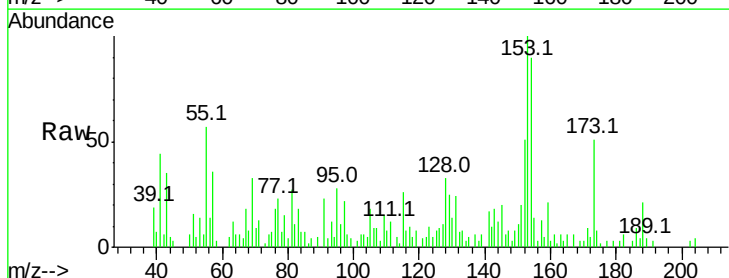
Tgt Ion:154 Resp: 9436

Ion Ratio Lower Upper

154 100

153 111.6 93.4 140.2

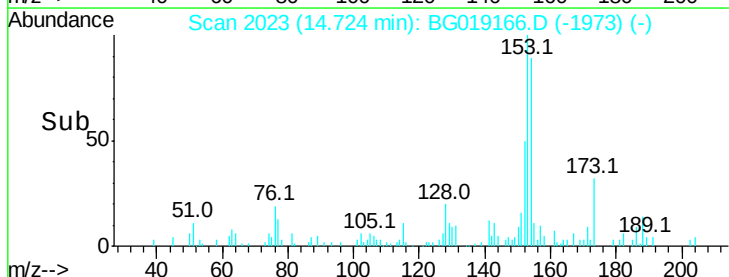
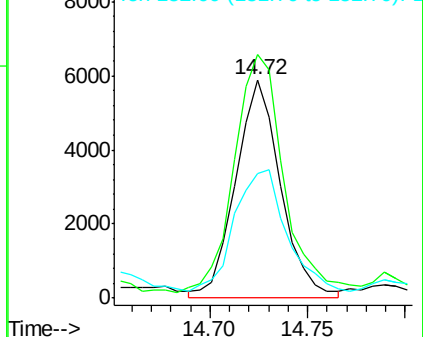
152 57.3 44.9 67.3

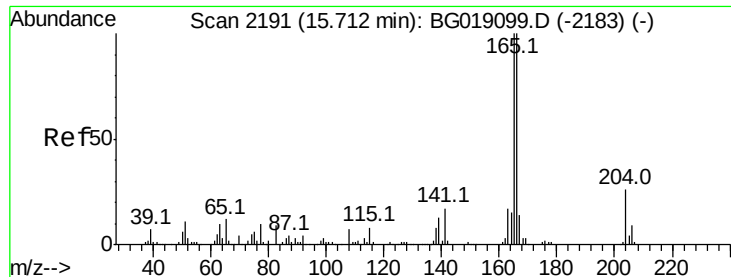


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#57

Fluorene

Concen: 3.02 ng

RT: 15.71 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG019166.D

Acq: 12 Oct 2015 20:28

Instrument :

BNA_G

ClientSampleId :

OW1-C6-GW

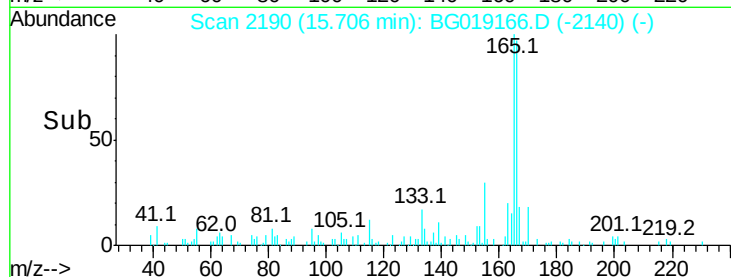
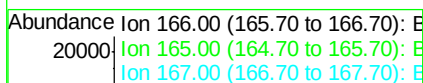
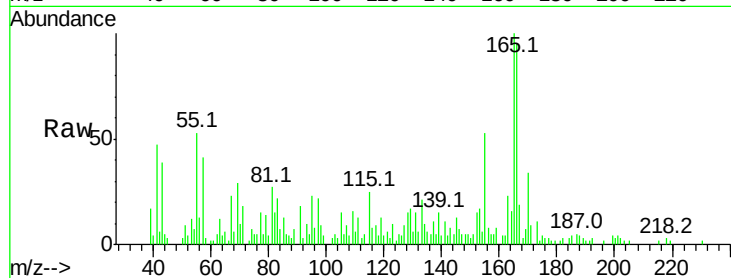
Tot Ion:166 Resp: 15479

Ion Ratio Lower Upper

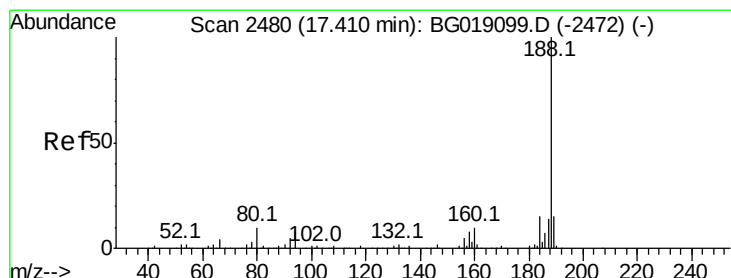
166 100

165 105.8 80.2 120.2

167 20.6 11.4 17.0#



Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.41 min Scan# 2480

Delta R.T. -0.00 min

Lab File: BG019166.D

Acq: 12 Oct 2015 20:28

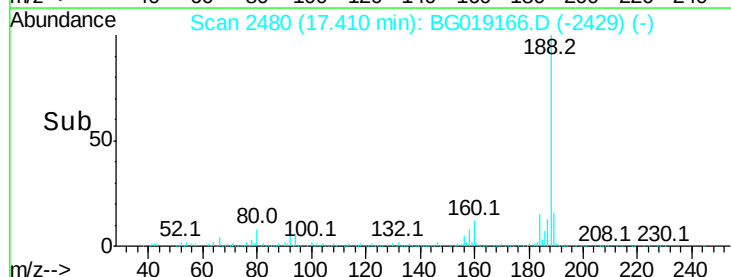
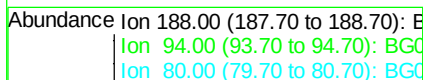
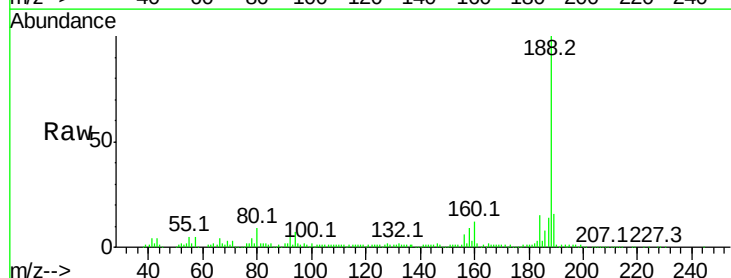
Tgt Ion:188 Resp: 155696

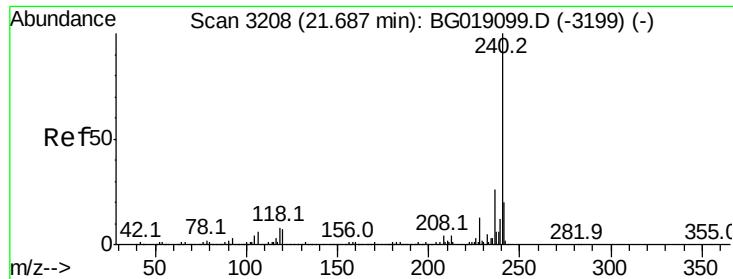
Ion Ratio Lower Upper

188 100

94 6.9 6.4 9.6

80 8.6 7.6 11.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.68 min Scan# 3207

Delta R.T. -0.01 min

Lab File: BG019166.D

Acq: 12 Oct 2015 20:28

Instrument :

BNA_G

ClientSampleId :

OW1-C6-GW

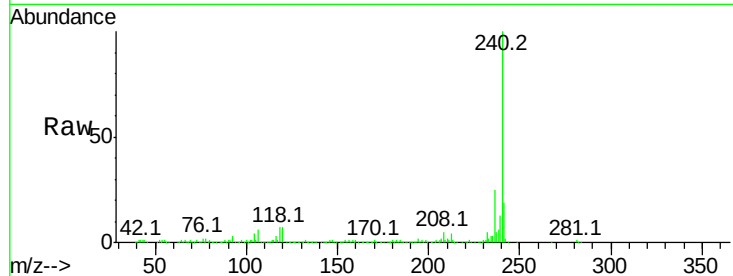
Tot Ion:240 Resp: 184291

Ion Ratio Lower Upper

240 100

120 6.6 5.8 8.6

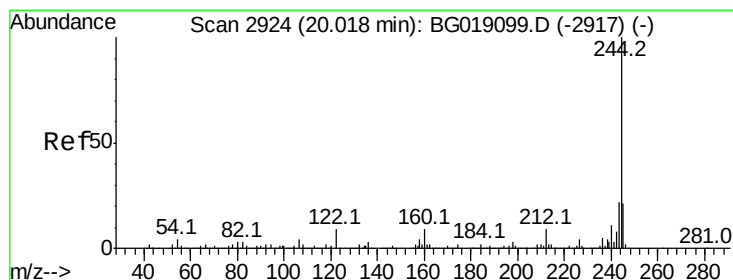
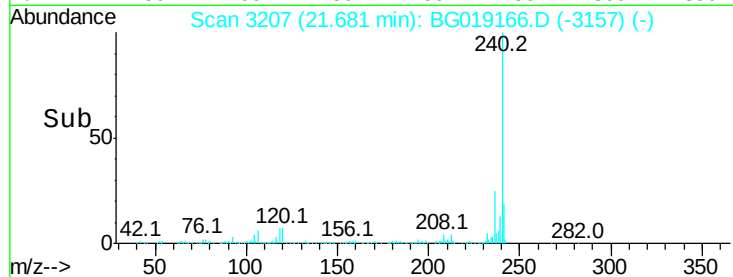
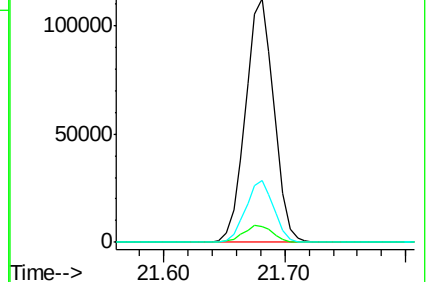
236 25.3 21.2 31.8



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: 80.22 ng

RT: 20.02 min Scan# 2925

Delta R.T. -0.00 min

Lab File: BG019166.D

Acq: 12 Oct 2015 20:28

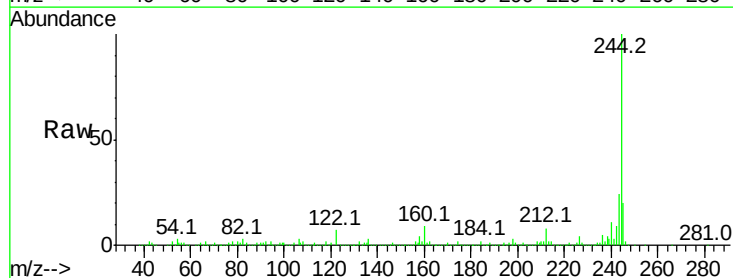
Tgt Ion:244 Resp: 559646

Ion Ratio Lower Upper

244 100

212 8.4 6.8 10.2

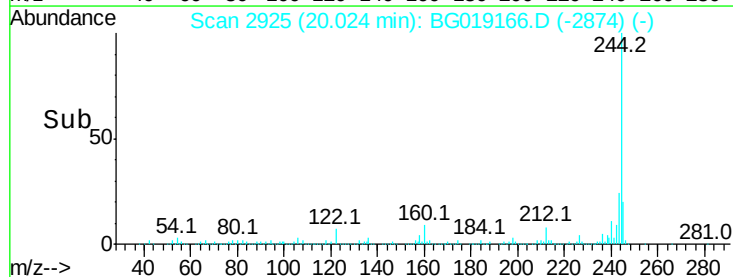
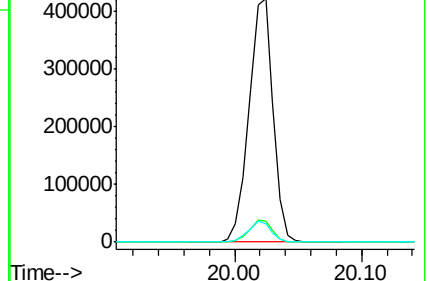
122 7.5 7.4 11.2

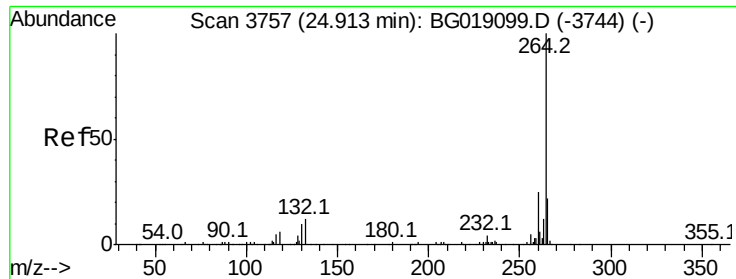


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 24.91 min Scan# 3757
Delta R.T. -0.00 min
Lab File: BG019166.D
Acq: 12 Oct 2015 20:28

Instrument :
BNA_G
ClientSampleId :
OW1-C6-GW

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	20.1	30.1
265	20.7	17.2	25.8

