

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101215\
 Data File : BG019163.D
 Acq On : 12 Oct 2015 15:34
 Operator : UM/NP
 Sample : G3989-06
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OW1-C8-GW

Quant Time: Oct 13 01:06:27 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 10 07:04:31 2015
 Response via : Initial Calibration

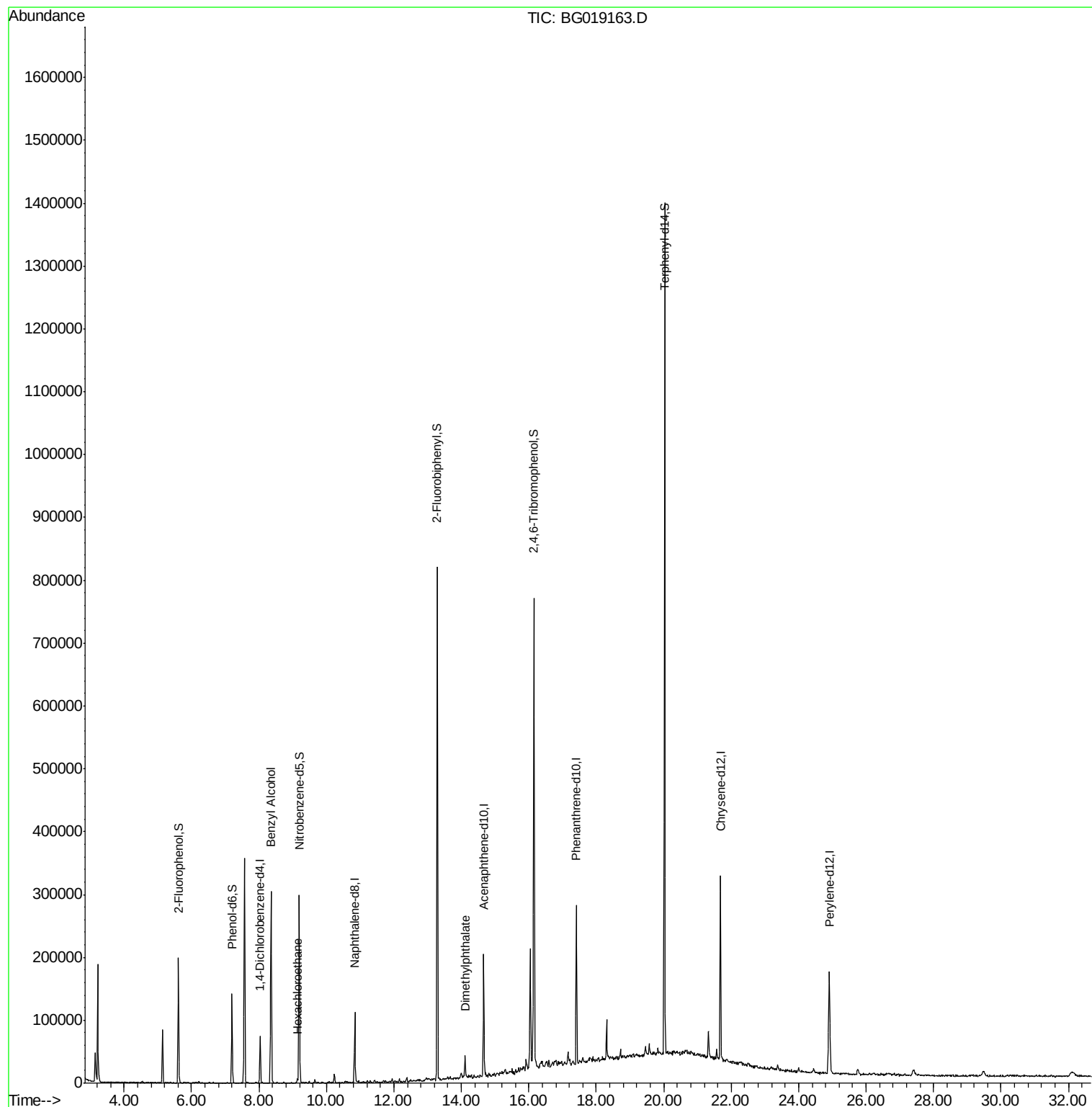
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	19452	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	89853	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	62153	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	148460	20.00	ng	0.00
75) Chrysene-d12	21.68	240	173909	20.00	ng	0.00
86) Perylene-d12	24.91	264	171197	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	72195	75.57	ng	0.00
7) Phenol-d6	7.20	99	73296	49.94	ng	0.00
23) Nitrobenzene-d5	9.20	82	171106	105.22	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	135267	159.71	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	415441	102.78	ng	0.00
78) Terphenyl-d14	20.02	244	586528	89.09	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.36	79	2711	2.07	ng	# 61
18) Hexachloroethane	9.14	117	1178	2.31	ng	# 1
49) Dimethylphthalate	14.11	163	21336	4.35	ng	100

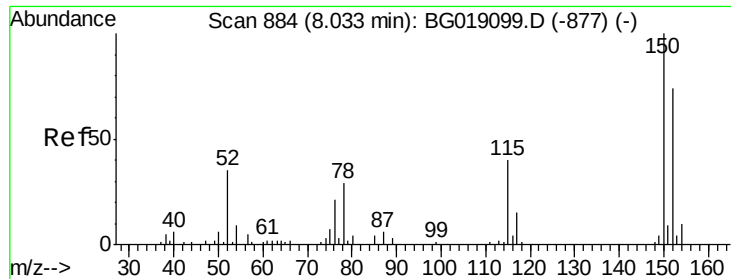
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG019163.D

Acq: 12 Oct 2015 15:34

Instrument :

BNA_G

ClientSampleId :

OW1-C8-GW

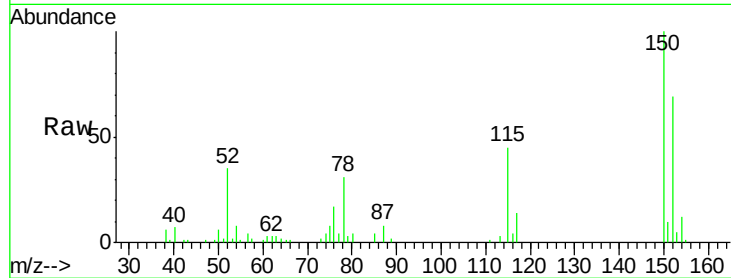
Tot Ion:152 Resp: 19452

Ion Ratio Lower Upper

152 100

150 144.4 108.2 162.2

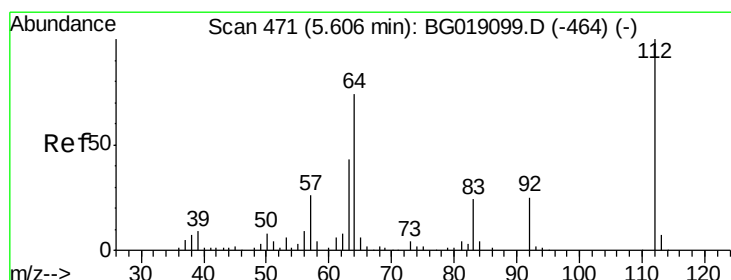
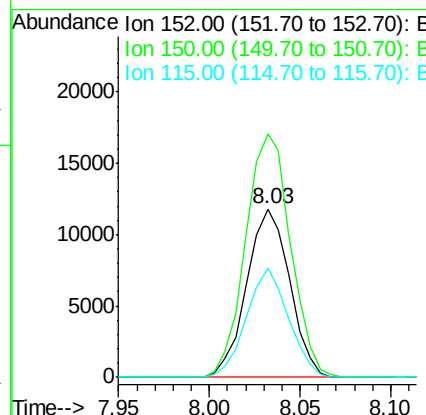
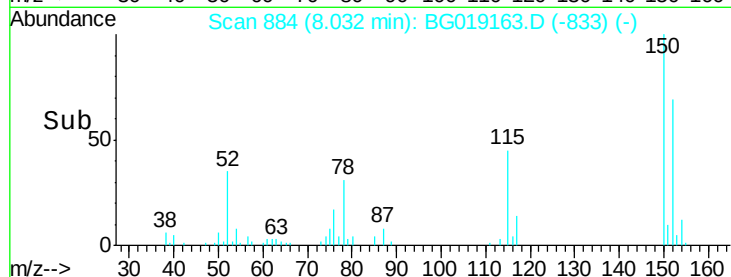
115 65.1 43.2 64.8#



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: 75.57 ng

RT: 5.61 min Scan# 472

Delta R.T. 0.01 min

Lab File: BG019163.D

Acq: 12 Oct 2015 15:34

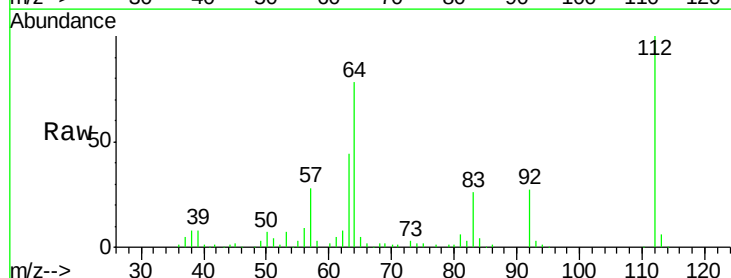
Tgt Ion:112 Resp: 72195

Ion Ratio Lower Upper

112 100

64 77.5 59.0 88.4

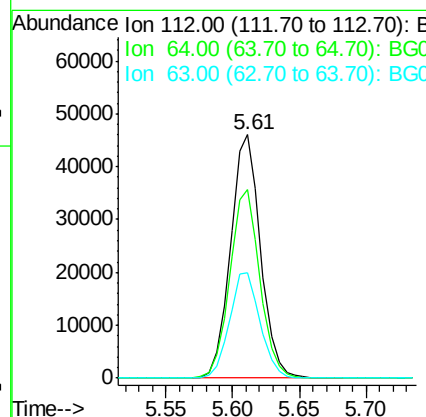
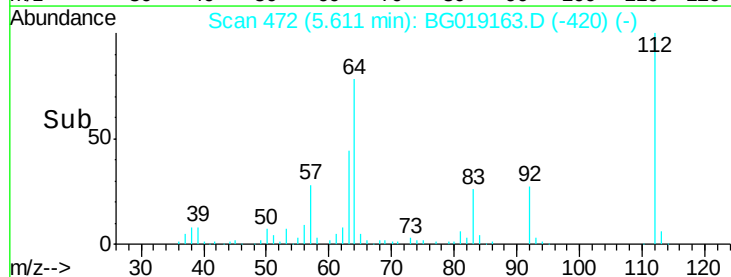
63 43.5 34.7 52.1

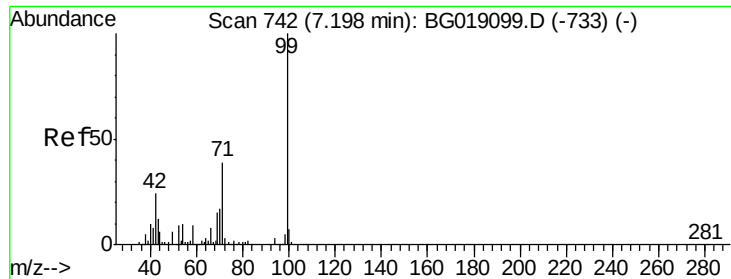


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 49.94 ng

RT: 7.20 min Scan# 742

Delta R.T. -0.00 min

Lab File: BG019163.D

Acq: 12 Oct 2015 15:34

Instrument :

BNA_G

ClientSampleId :

OW1-C8-GW

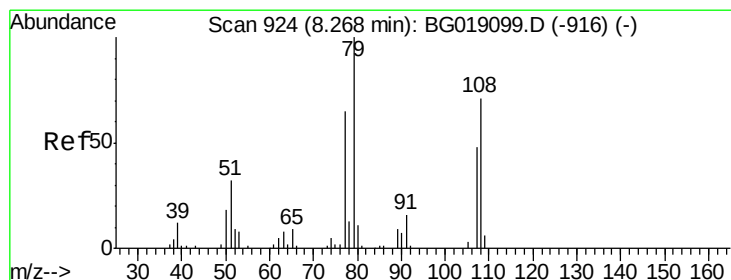
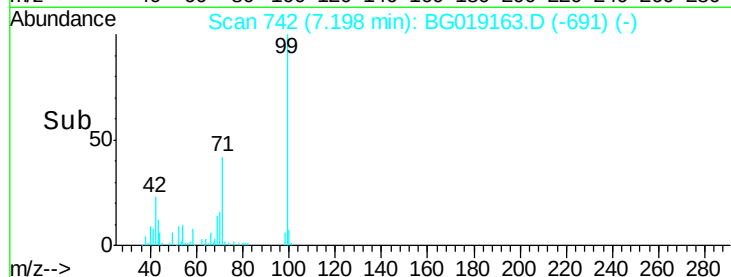
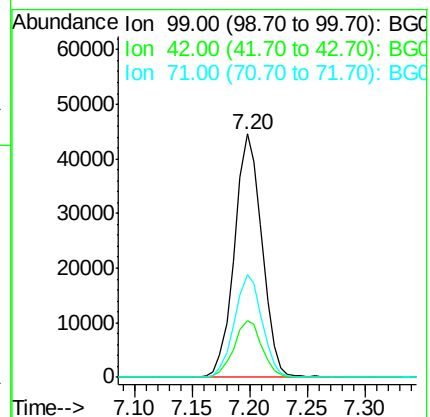
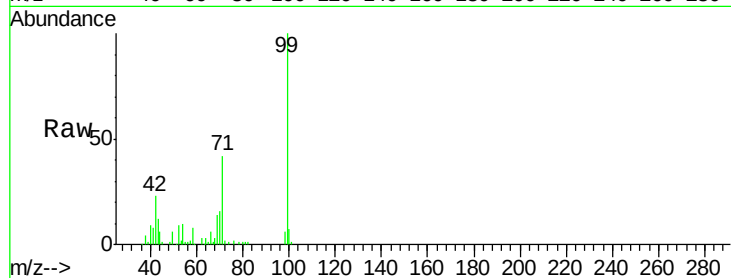
Tot Ion: 99 Resp: 73296

Ion Ratio Lower Upper

99 100

42 23.2 19.5 29.3

71 42.2 31.4 47.0



#15

Benzyl Alcohol

Concen: 2.07 ng

RT: 8.36 min Scan# 939

Delta R.T. 0.09 min

Lab File: BG019163.D

Acq: 12 Oct 2015 15:34

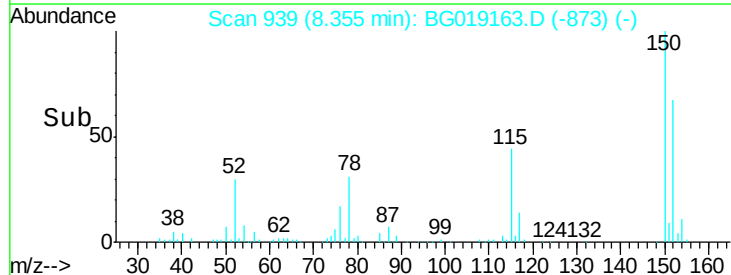
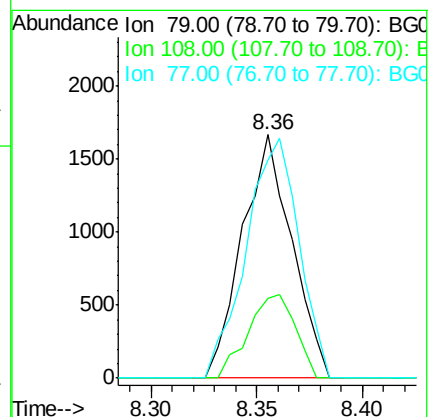
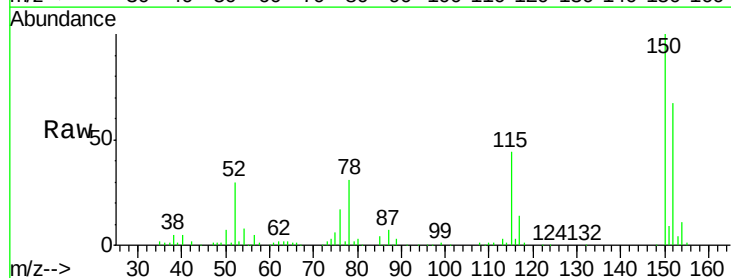
Tgt Ion: 79 Resp: 2711

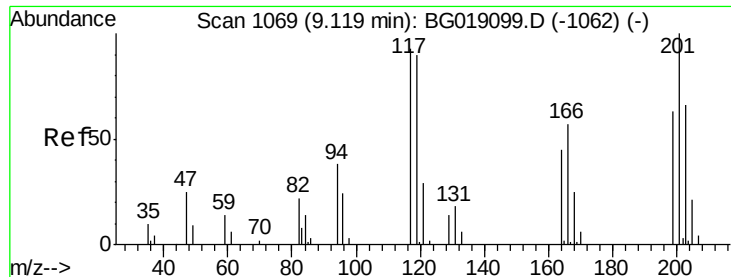
Ion Ratio Lower Upper

79 100

108 32.7 56.6 84.8#

77 89.4 51.6 77.4#

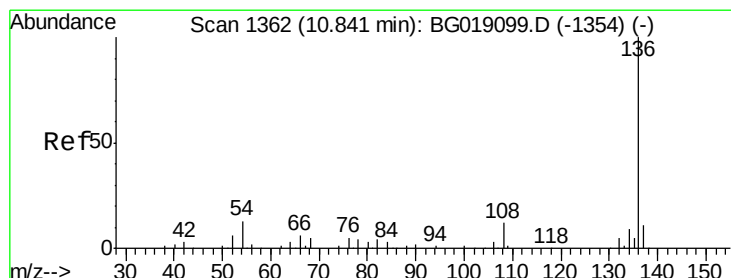
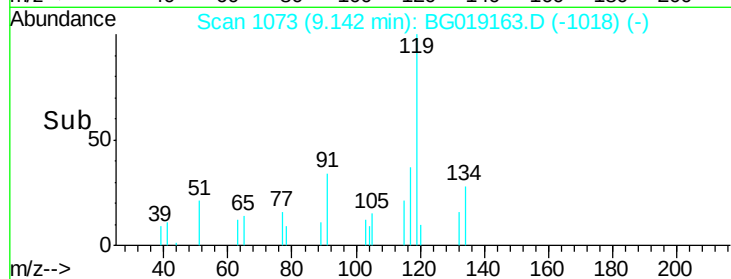
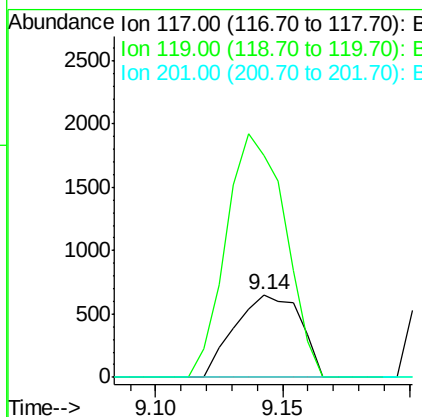
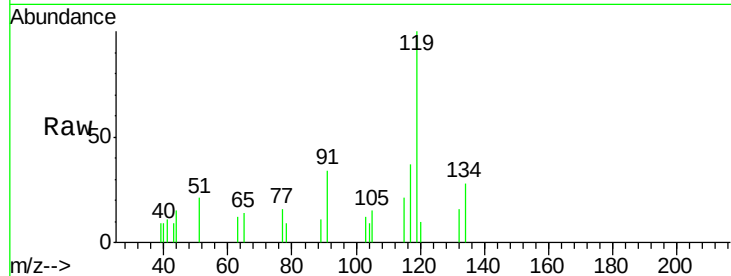




#18
Hexachloroethane
Concen: 2.31 ng
RT: 9.14 min Scan# 1073
Delta R.T. 0.02 min
Lab File: BG019163.D
Acq: 12 Oct 2015 15:34

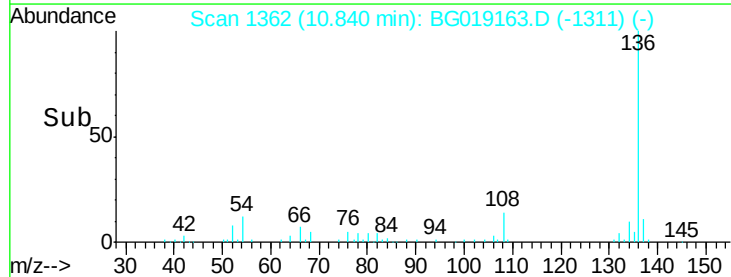
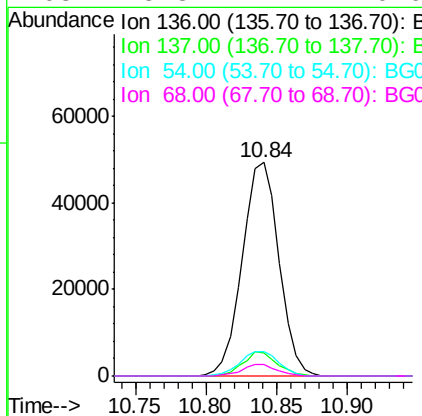
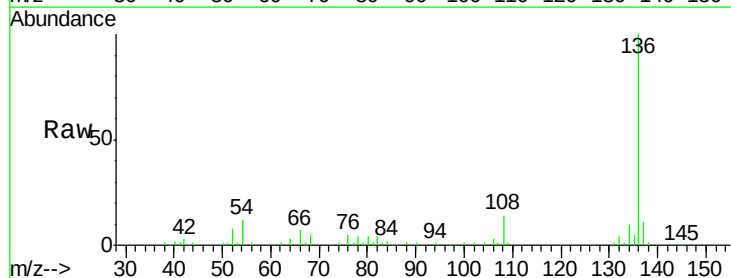
Instrument :
BNA_G
ClientSampleId :
OW1-C8-GW

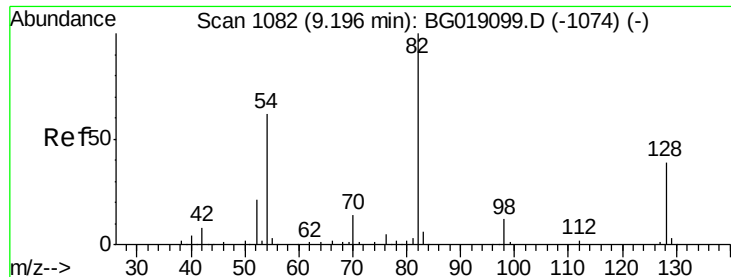
Tot Ion:117 Resp: 1178
Ion Ratio Lower Upper
117 100
119 270.0 77.0 115.4#
201 0.0 85.6 128.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.84 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BG019163.D
Acq: 12 Oct 2015 15:34

Tgt Ion:136 Resp: 89853
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 11.6 10.1 15.1
68 5.3 4.4 6.6

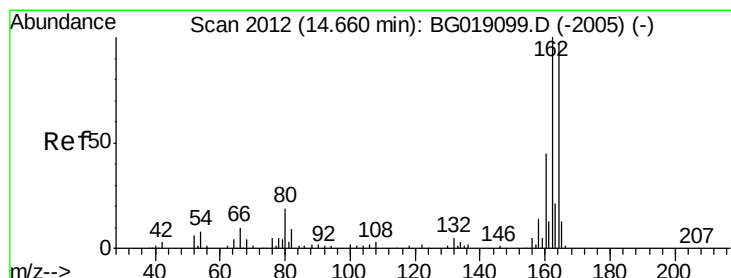
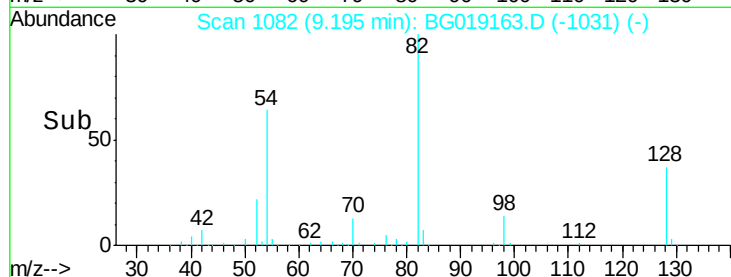
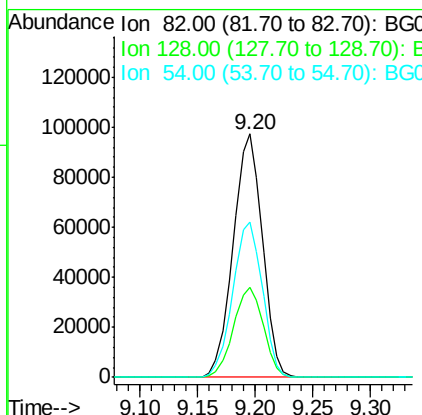
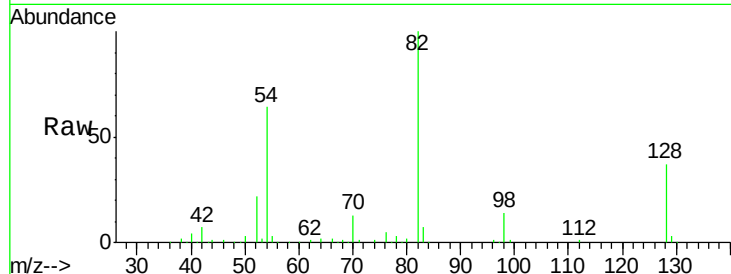




#23
 Nitrobenzene-d5
 Concen: 105.22 ng
 RT: 9.20 min Scan# 1082
 Delta R.T. -0.00 min
 Lab File: BG019163.D
 Acq: 12 Oct 2015 15:34

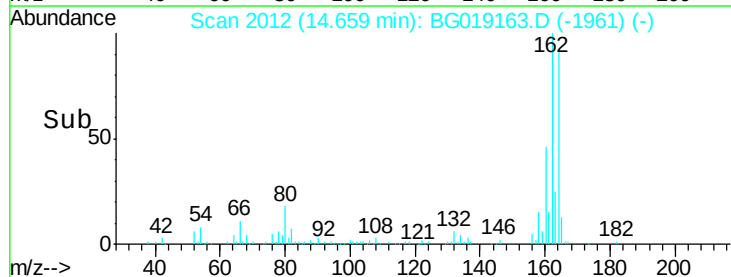
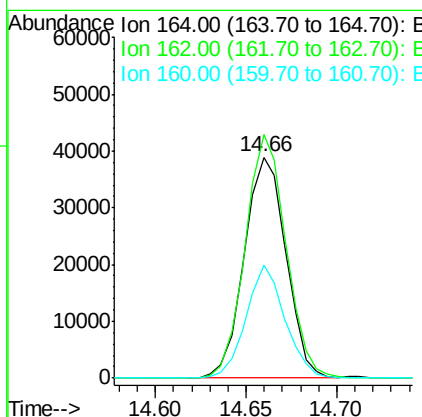
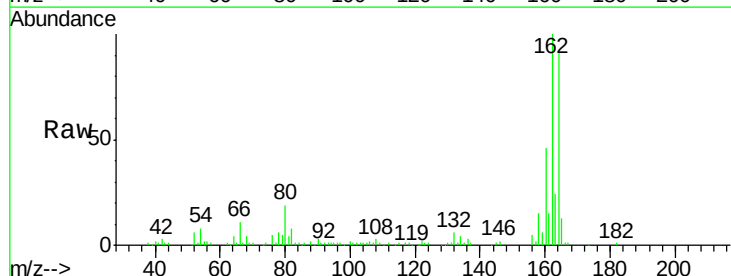
Instrument :
 BNA_G
 ClientSampleId :
 OW1-C8-GW

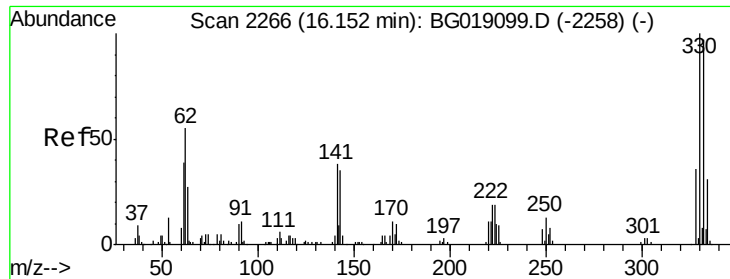
Tot Ion	82	Resp	171106
Ion Ratio	Lower	Upper	
82	100		
128	37.0	31.4	47.2
54	63.9	50.0	75.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.66 min Scan# 2012
 Delta R.T. -0.00 min
 Lab File: BG019163.D
 Acq: 12 Oct 2015 15:34

Tgt Ion	164	Resp	62153
Ion Ratio	Lower	Upper	
164	100		
162	110.4	82.6	124.0
160	51.0	36.9	55.3





#41

2,4,6-Tribromophenol

Concen: 159.71 ng

RT: 16.15 min Scan# 2266

Delta R.T. -0.00 min

Lab File: BG019163.D

Acq: 12 Oct 2015 15:34

Instrument :

BNA_G

ClientSampleId :

OW1-C8-GW

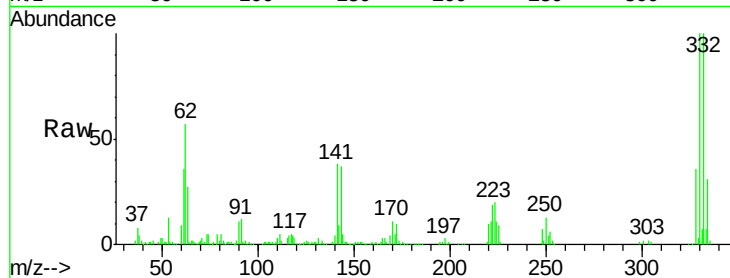
Tot Ion:330 Resp: 135267

Ion Ratio Lower Upper

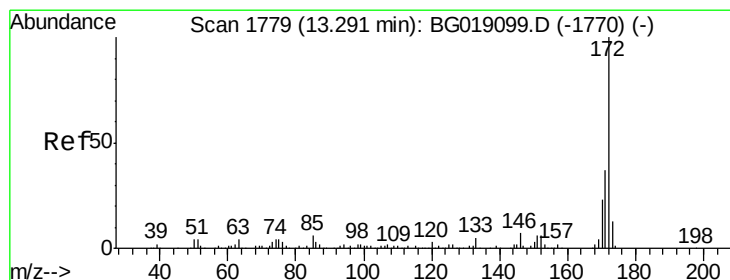
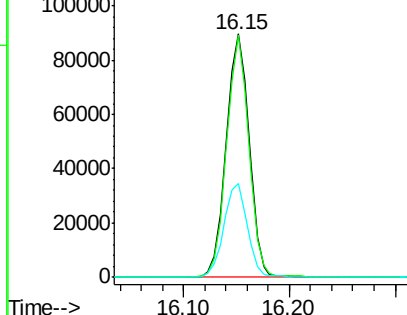
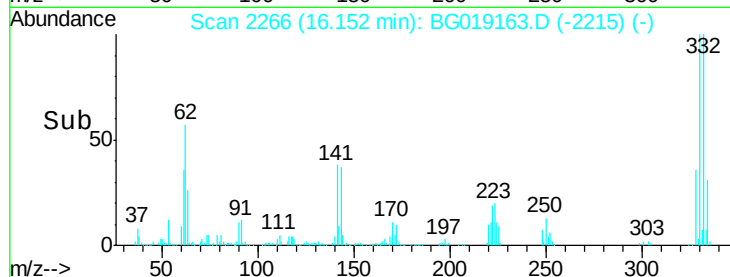
330 100

332 95.8 77.3 115.9

141 40.0 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: 102.78 ng

RT: 13.28 min Scan# 1778

Delta R.T. -0.01 min

Lab File: BG019163.D

Acq: 12 Oct 2015 15:34

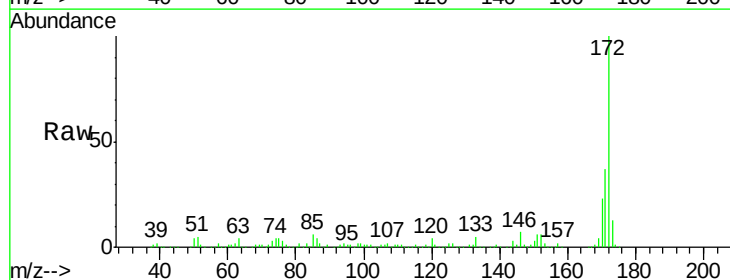
Tgt Ion:172 Resp: 415441

Ion Ratio Lower Upper

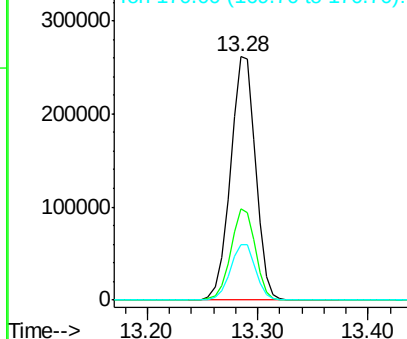
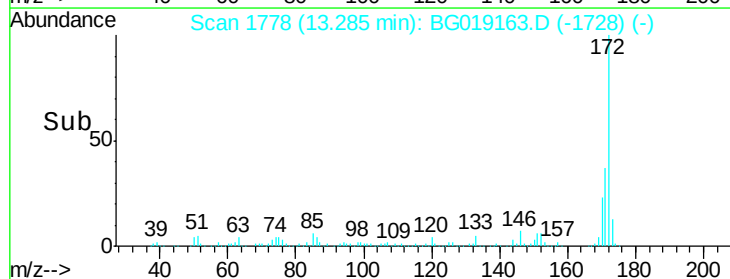
172 100

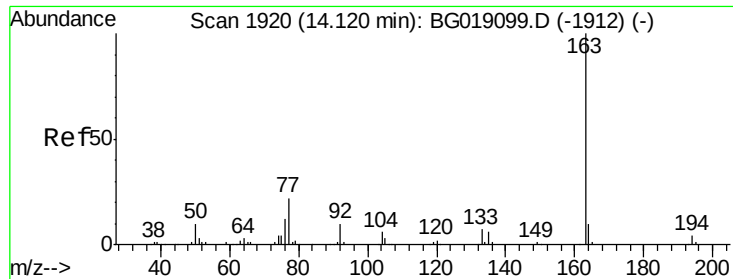
171 37.4 29.9 44.9

170 22.9 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

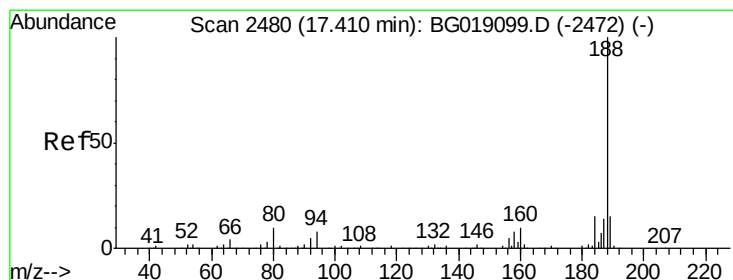
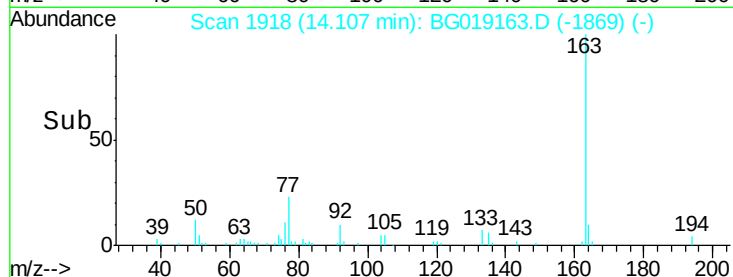
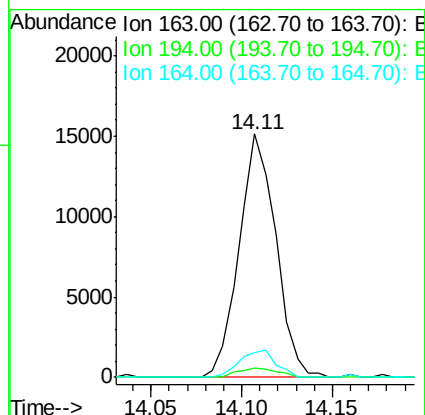
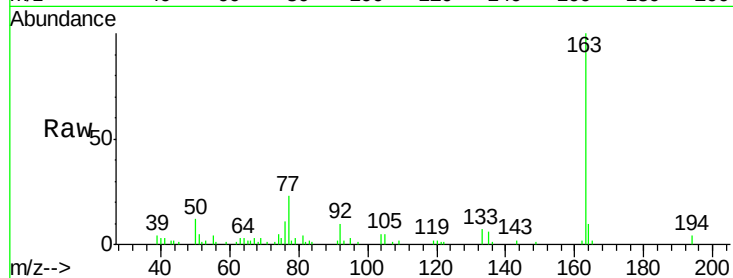




#49
Dimethylphthalate
Concen: 4.35 ng
RT: 14.11 min Scan# 1918
Delta R.T. -0.01 min
Lab File: BG019163.D
Acq: 12 Oct 2015 15:34

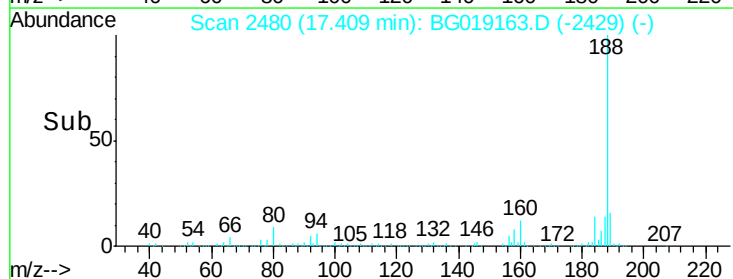
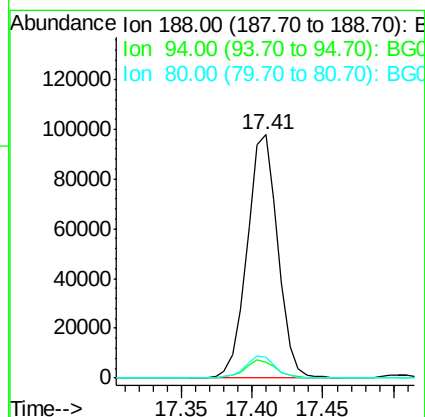
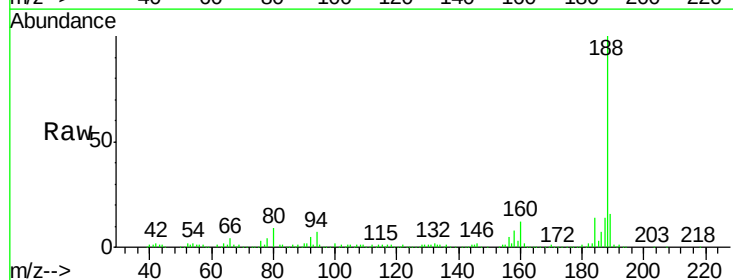
Instrument :
BNA_G
ClientSampleId :
OW1-C8-GW

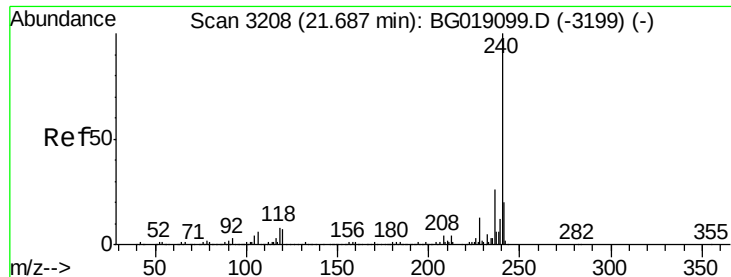
Tot Ion:163 Resp: 21336
Ion Ratio Lower Upper
163 100
194 3.6 3.2 4.8
164 10.0 8.1 12.1



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.41 min Scan# 2480
Delta R.T. -0.00 min
Lab File: BG019163.D
Acq: 12 Oct 2015 15:34

Tgt Ion:188 Resp: 148460
Ion Ratio Lower Upper
188 100
94 6.7 6.4 9.6
80 8.8 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: BG019163.D

Acq: 12 Oct 2015 15:34

Instrument :

BNA_G

ClientSampleId :

OW1-C8-GW

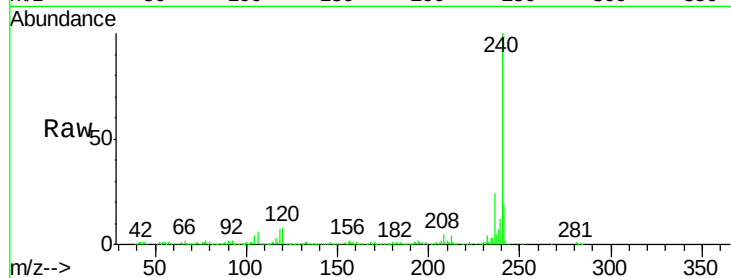
Tot Ion:240 Resp: 173909

Ion Ratio Lower Upper

240 100

120 7.7 5.8 8.6

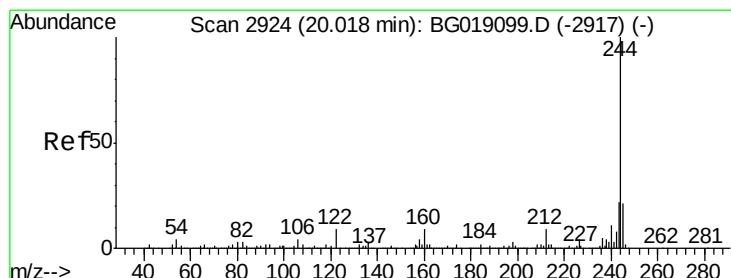
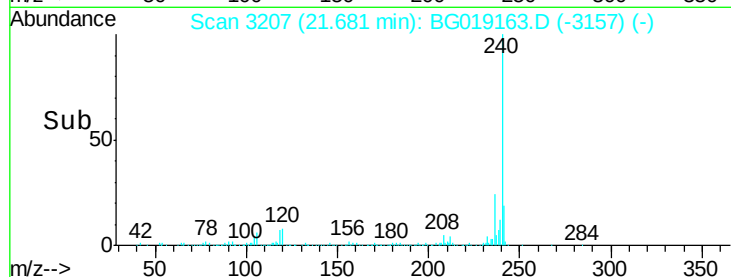
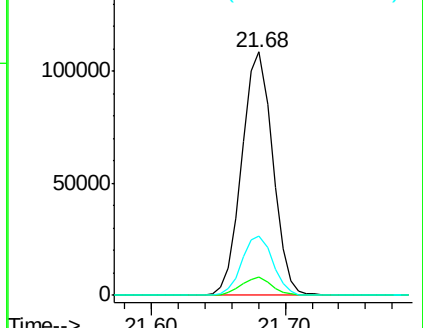
236 24.1 21.2 31.8



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: 89.09 ng

RT: 20.02 min Scan# 2925

Delta R.T. 0.01 min

Lab File: BG019163.D

Acq: 12 Oct 2015 15:34

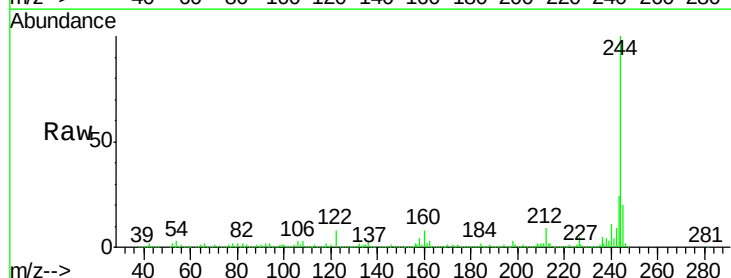
Tgt Ion:244 Resp: 586528

Ion Ratio Lower Upper

244 100

212 8.8 6.8 10.2

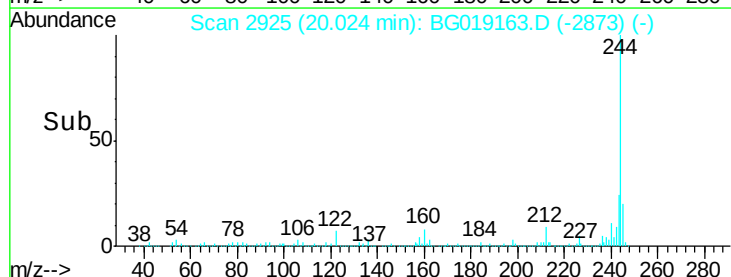
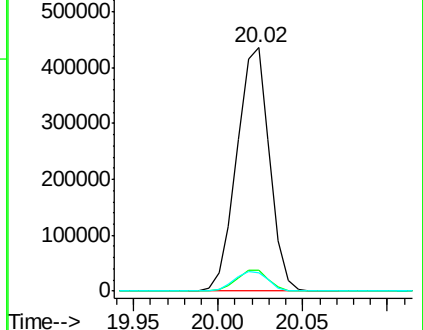
122 7.5 7.4 11.2

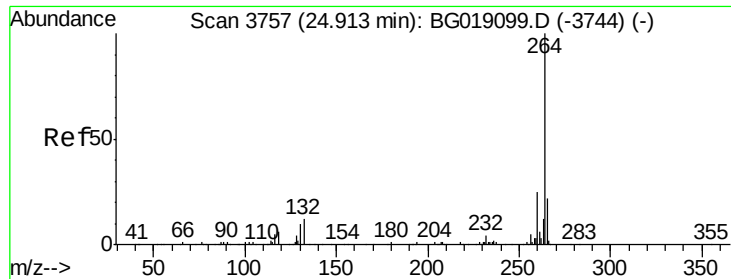


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3756
Delta R.T. -0.01 min
Lab File: BG019163.D
Acq: 12 Oct 2015 15:34

Instrument :
BNA_G
ClientSampleId :
OW1-C8-GW

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	20.1	30.1
265	20.9	17.2	25.8

