

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120315\
 Data File : BG019905.D
 Acq On : 4 Dec 2015 13:28
 Operator : UM/NP
 Sample : G4609-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 04 14:06:09 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

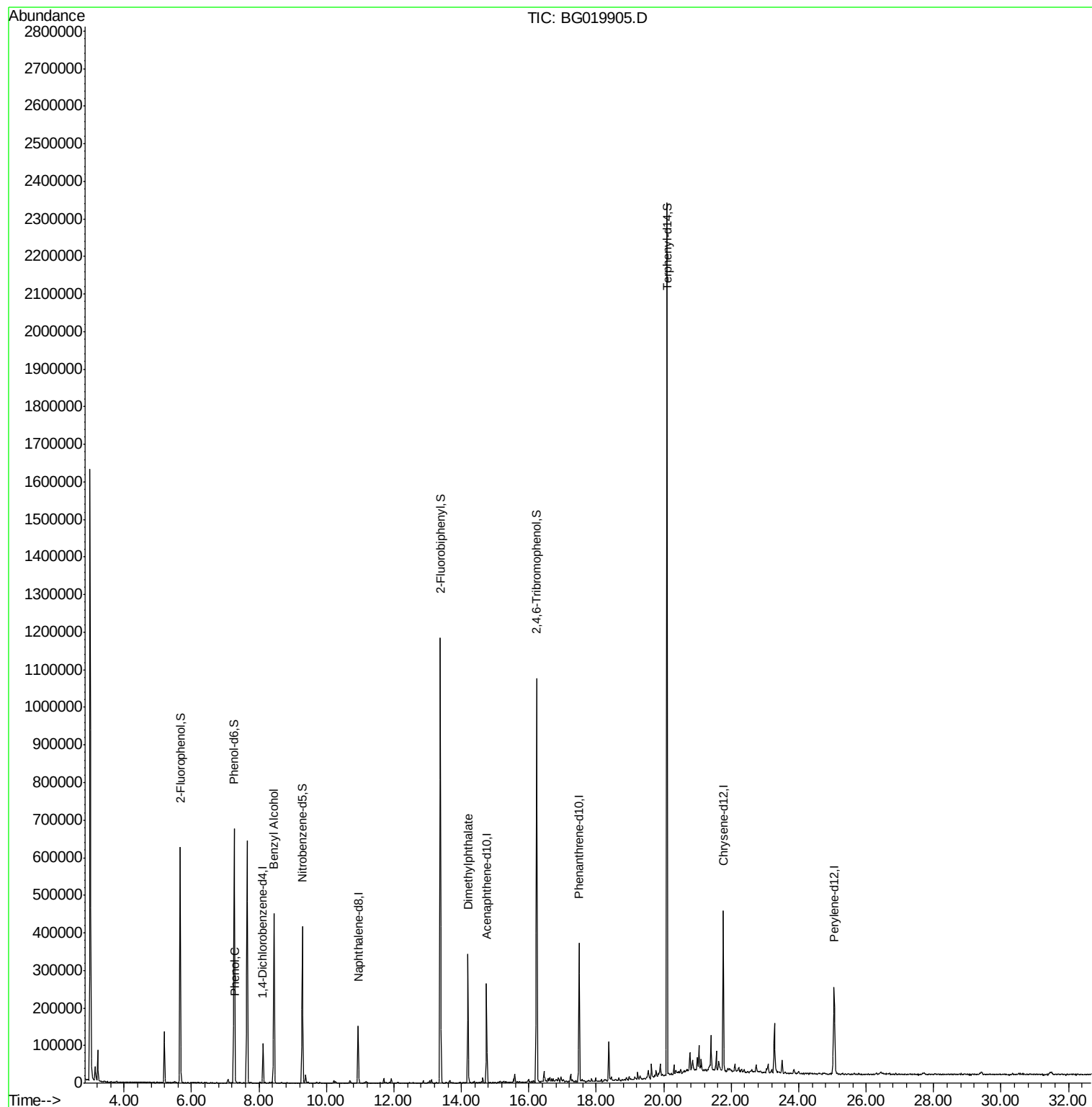
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	27258	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	122136	20.00	ng	-0.01
38) Acenaphthene-d10	14.75	164	89239	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	217502	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	260542	20.00	ng	-0.03
86) Perylene-d12	25.05	264	249769	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	254862	168.99	ng	0.00
7) Phenol-d6	7.27	99	383080	168.23	ng	0.00
23) Nitrobenzene-d5	9.29	82	254756	106.45	ng	-0.01
41) 2,4,6-Tribromophenol	16.23	330	196623	144.00	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	599520	91.73	ng	-0.01
78) Terphenyl-d14	20.09	244	978797	91.63	ng	-0.02
Target Compounds						
10) Phenol	7.29	94	5804	2.42	ng	# 64
15) Benzyl Alcohol	8.44	79	4121	2.06	ng	# 51
49) Dimethylphthalate	14.19	163	219964	27.40	ng	98

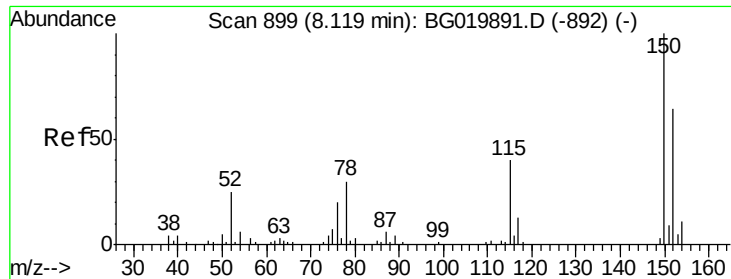
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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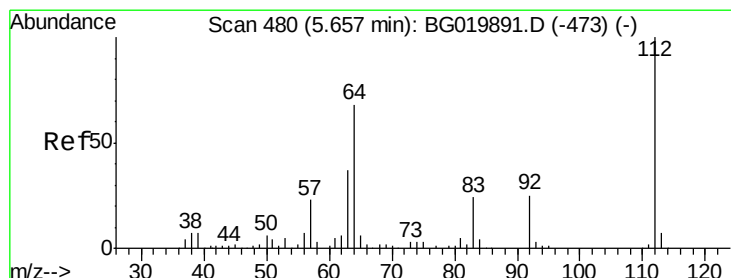
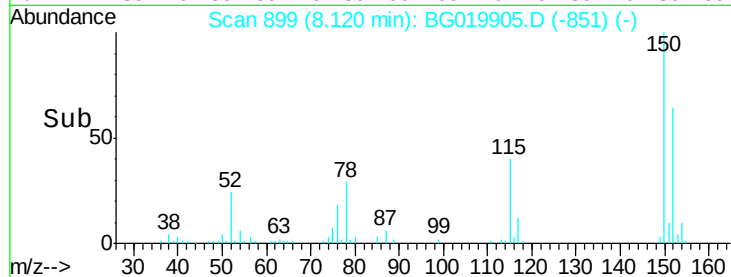
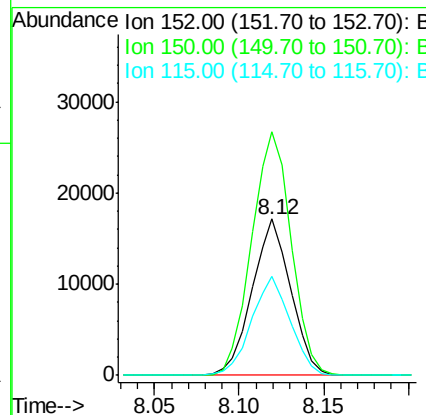
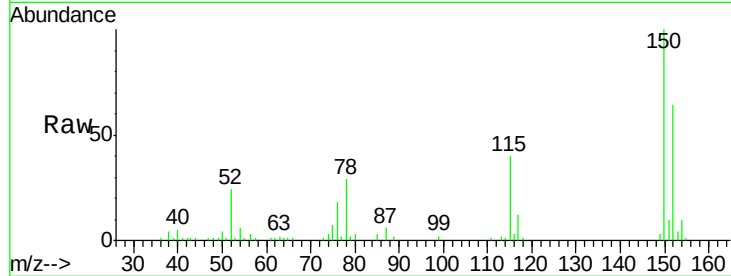


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.12 min Scan# 899
Delta R.T. -0.02 min
Lab File: BG019905.D
Acq: 4 Dec 2015 13:28

Instrument :
BNA_G
ClientSampleId :

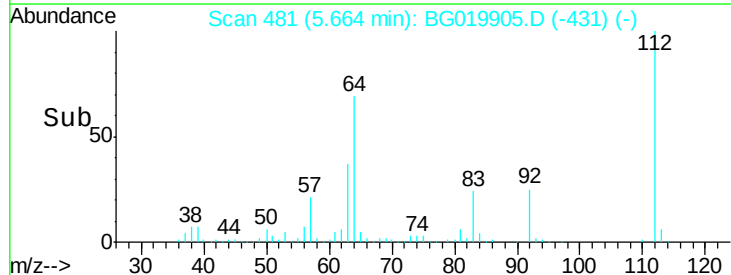
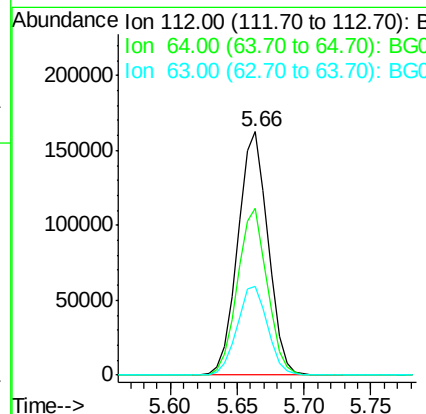
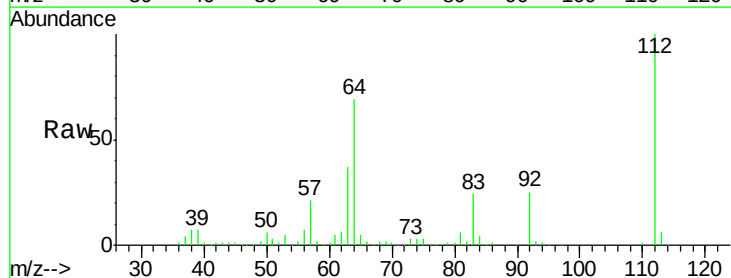
Tot Ion:152 Resp: 27258
Ion Ratio Lower Upper
152 100
150 155.9 115.0 172.4
115 63.0 43.9 65.9

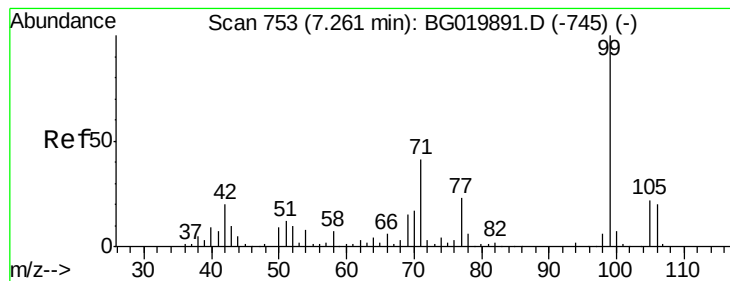


#5

2-Fluorophenol
Concen: 168.99 ng
RT: 5.66 min Scan# 481
Delta R.T. -0.01 min
Lab File: BG019905.D
Acq: 4 Dec 2015 13:28

Tgt Ion:112 Resp: 254862
Ion Ratio Lower Upper
112 100
64 68.6 43.7 65.5#
63 36.7 24.0 36.0#





#7

Phenol-d6

Concen: 168.23 ng

RT: 7.27 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG019905.D

Acq: 4 Dec 2015 13:28

Instrument :

BNA_G

ClientSampled :

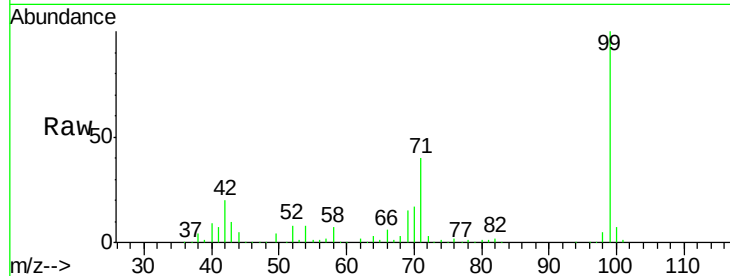
Tot Ion: 99 Resp: 383080

Ion Ratio Lower Upper

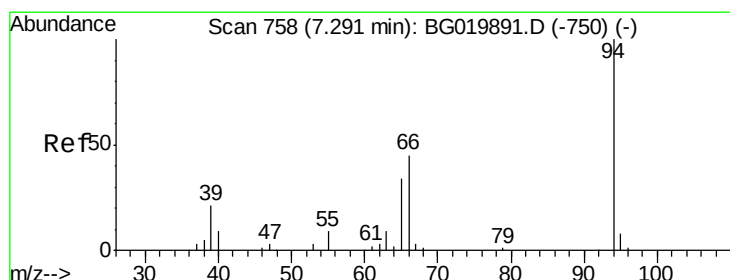
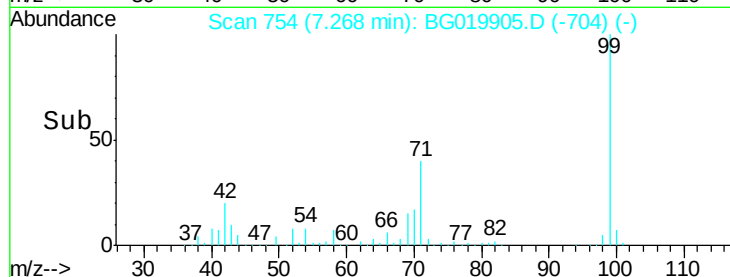
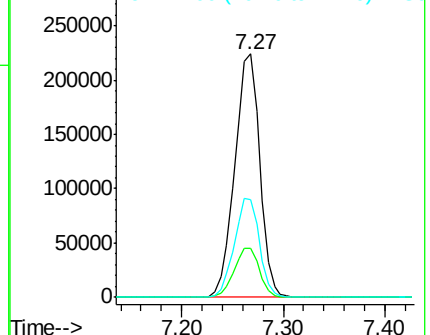
99 100

42 20.0 11.5 17.3#

71 40.2 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



#10

Phenol

Concen: 2.42 ng

RT: 7.29 min Scan# 758

Delta R.T. -0.01 min

Lab File: BG019905.D

Acq: 4 Dec 2015 13:28

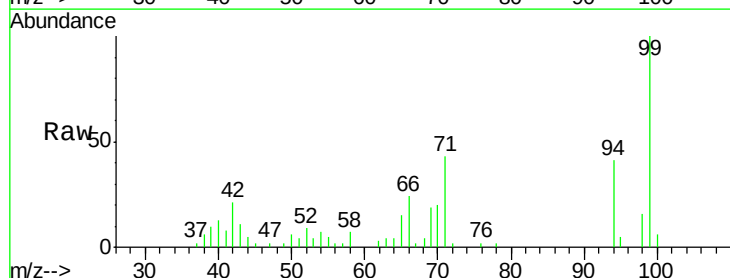
Tgt Ion: 94 Resp: 5804

Ion Ratio Lower Upper

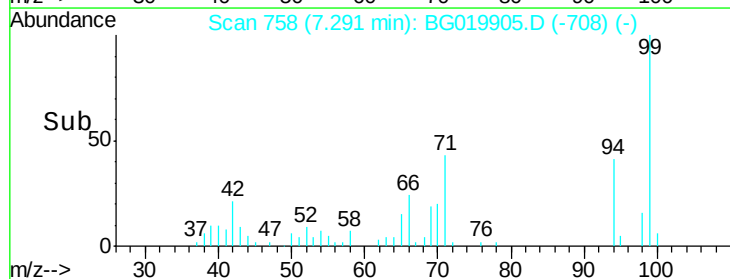
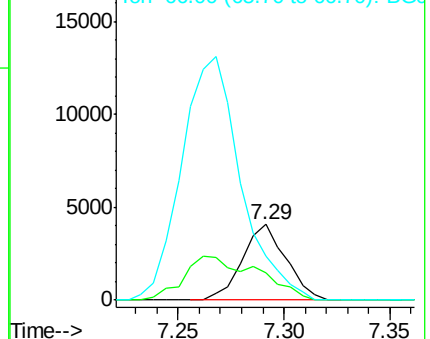
94 100

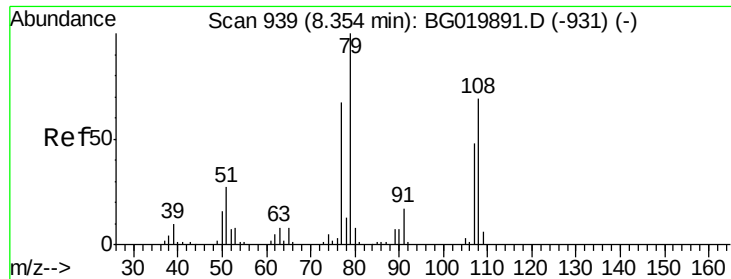
65 36.9 5.4 45.4

66 57.9 11.8 51.8#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

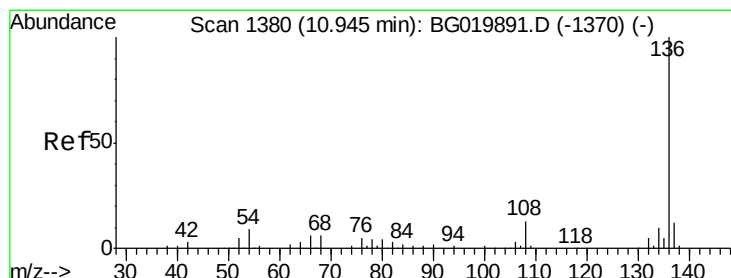
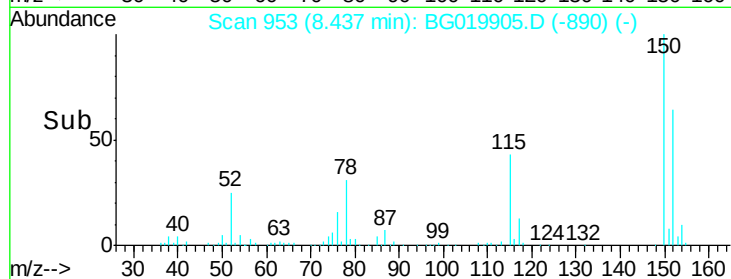
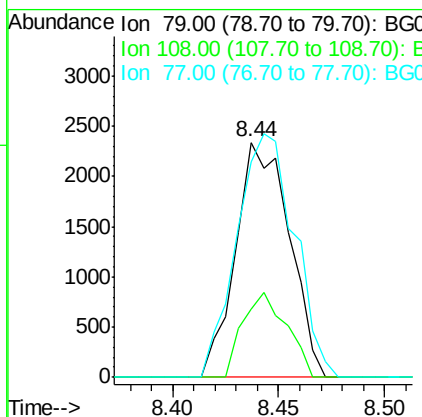
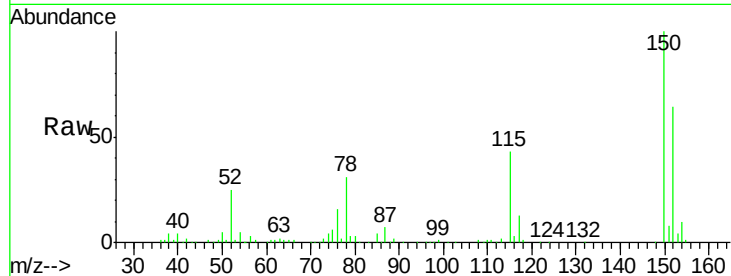




#15
Benzyl Alcohol
Concen: 2.06 ng
RT: 8.44 min Scan# 953
Delta R.T. 0.07 min
Lab File: BG019905.D
Acq: 4 Dec 2015 13:28

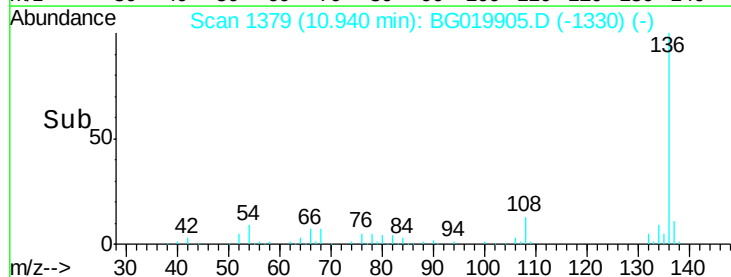
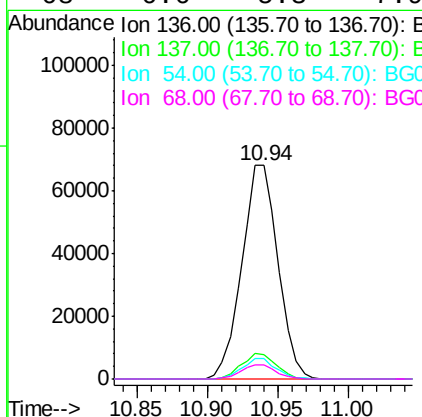
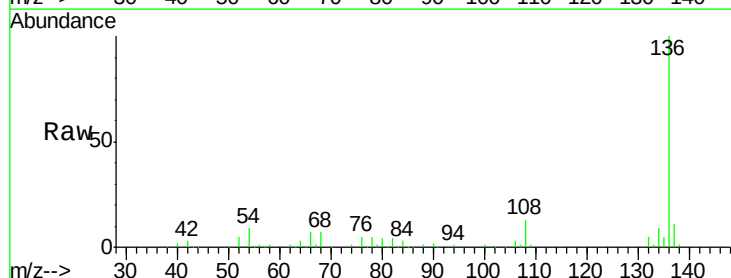
Instrument :
BNA_G
ClientSampleId :

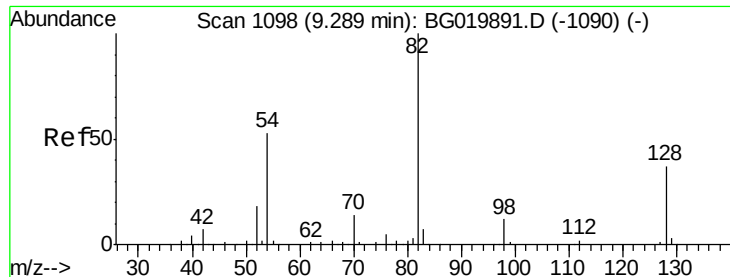
Tot Ion: 79 Resp: 4121
Ion Ratio Lower Upper
79 100
108 29.3 65.5 98.3#
77 91.8 51.3 76.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.94 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BG019905.D
Acq: 4 Dec 2015 13:28

Tgt Ion: 136 Resp: 122136
Ion Ratio Lower Upper
136 100
137 11.4 8.6 12.8
54 9.5 5.4 8.2#
68 6.6 5.3 7.9#

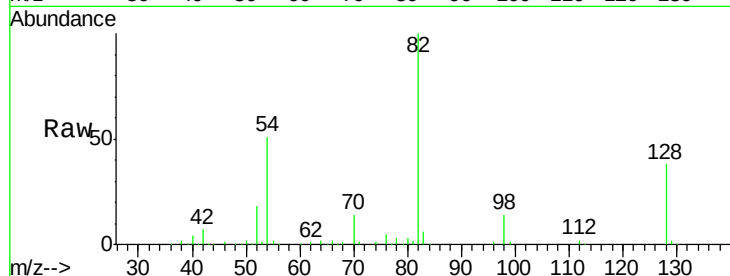




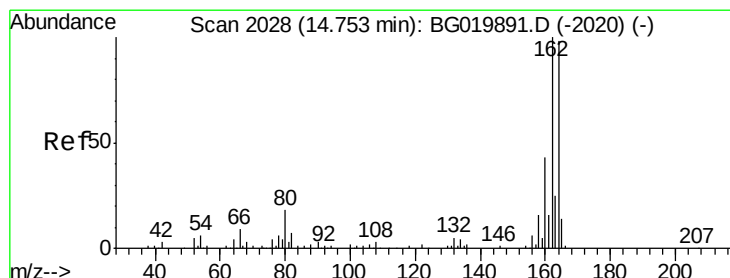
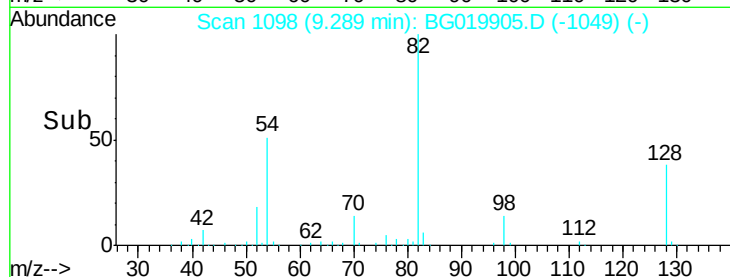
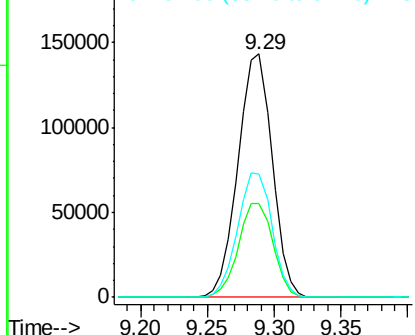
#23
 Nitrobenzene-d5
 Concen: 106.45 ng
 RT: 9.29 min Scan# 1098
 Delta R.T. -0.01 min
 Lab File: BG019905.D
 Acq: 4 Dec 2015 13:28

Instrument :
 BNA_G
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.5	36.7	55.1
54	50.8	33.8	50.8

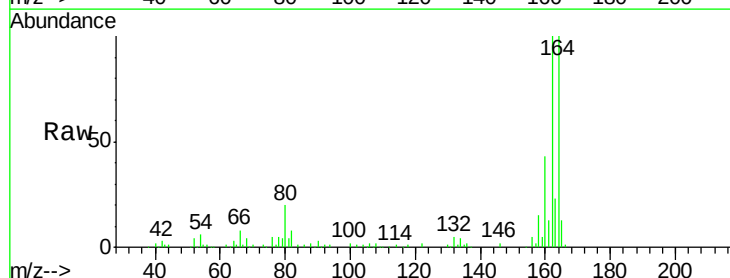


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

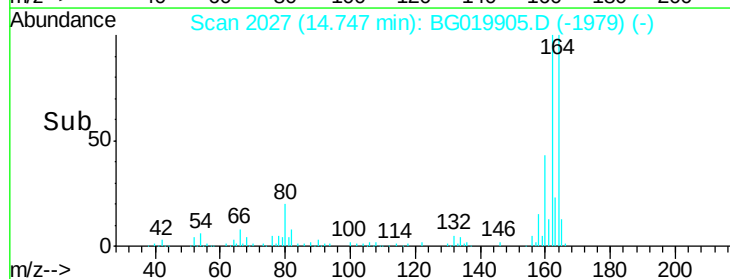
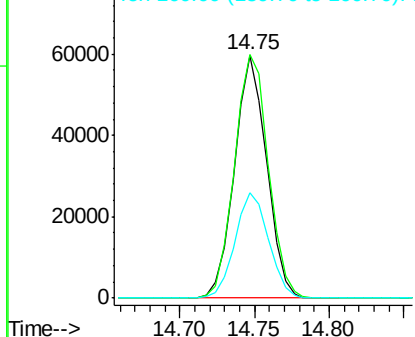


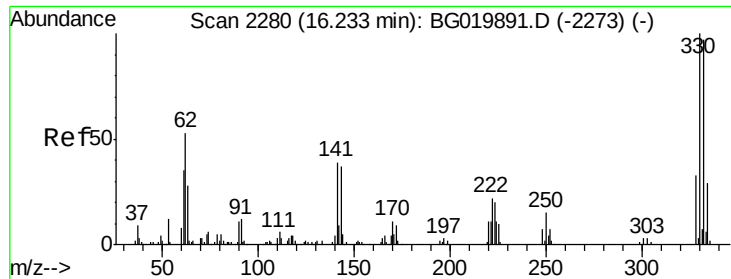
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.75 min Scan# 2027
 Delta R.T. -0.02 min
 Lab File: BG019905.D
 Acq: 4 Dec 2015 13:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.3	78.8	118.2
160	43.3	36.4	54.6



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: 144.00 ng

RT: 16.23 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BG019905.D

Acq: 4 Dec 2015 13:28

Instrument :

BNA_G

ClientSampleId :

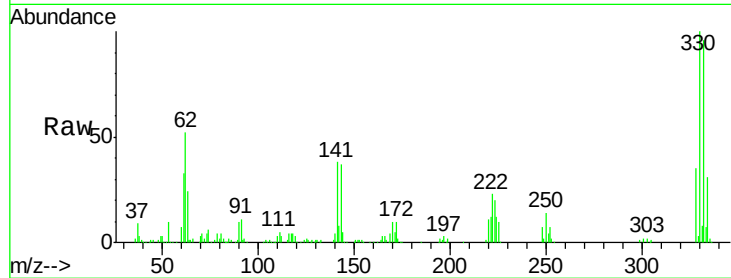
Tot Ion:330 Resp: 196623

Ion Ratio Lower Upper

330 100

332 95.5 78.1 117.1

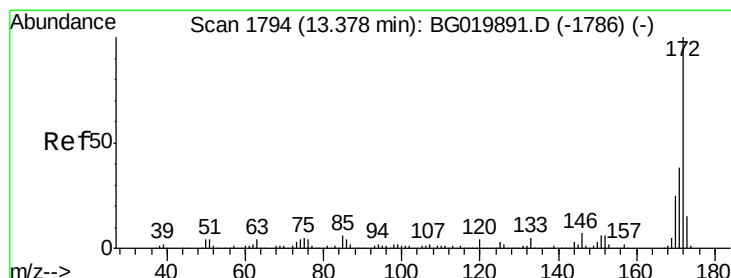
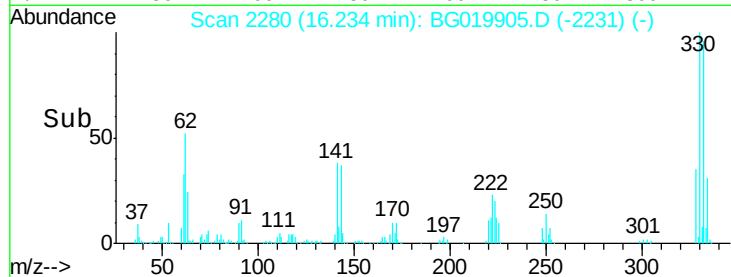
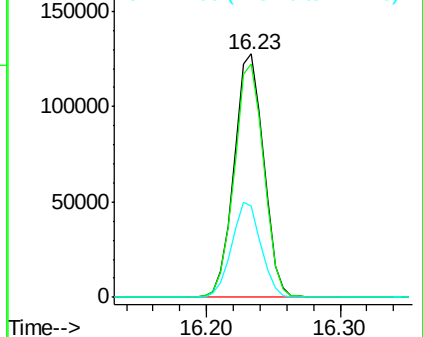
141 38.7 28.2 42.2



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: 91.73 ng

RT: 13.38 min Scan# 1794

Delta R.T. -0.01 min

Lab File: BG019905.D

Acq: 4 Dec 2015 13:28

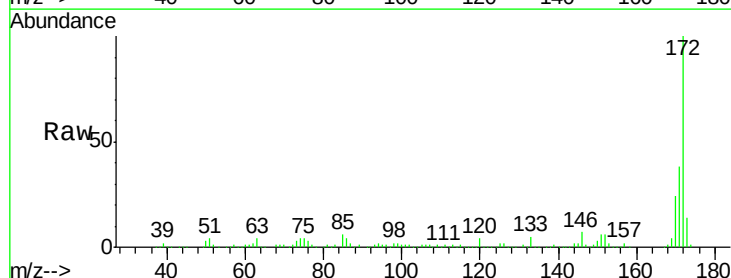
Tgt Ion:172 Resp: 599520

Ion Ratio Lower Upper

172 100

171 38.0 29.0 43.6

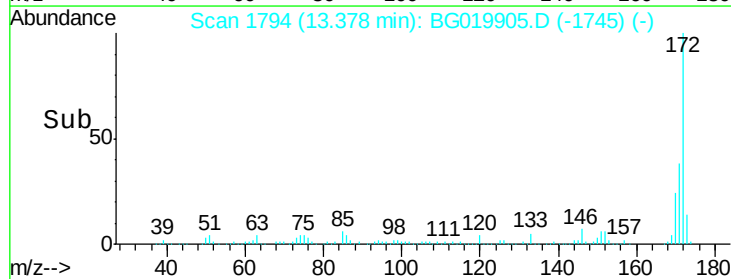
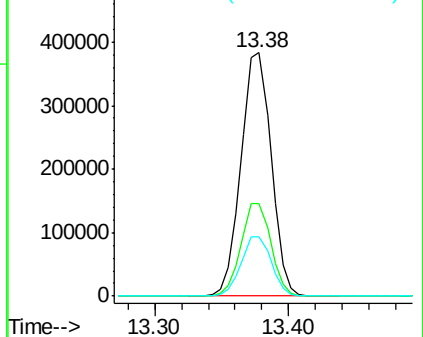
170 24.2 19.9 29.9

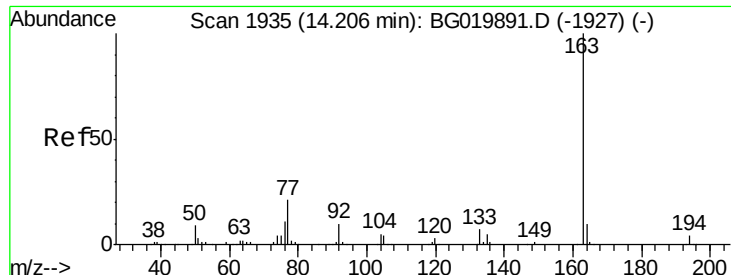


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 27.40 ng

RT: 14.19 min Scan# 1933

Delta R.T. -0.02 min

Lab File: BG019905.D

Acq: 4 Dec 2015 13:28

Instrument :

BNA_G

ClientSampleId :

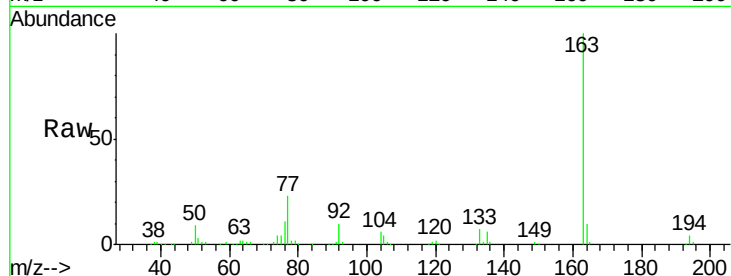
Tot Ion:163 Resp: 219964

Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

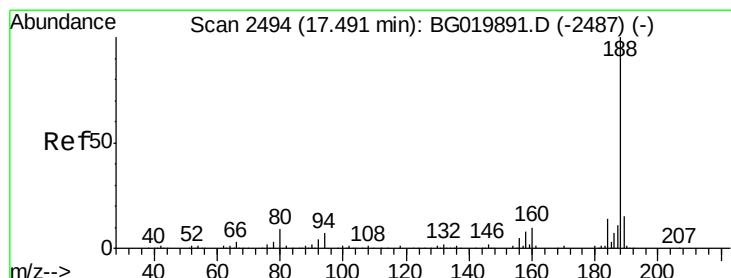
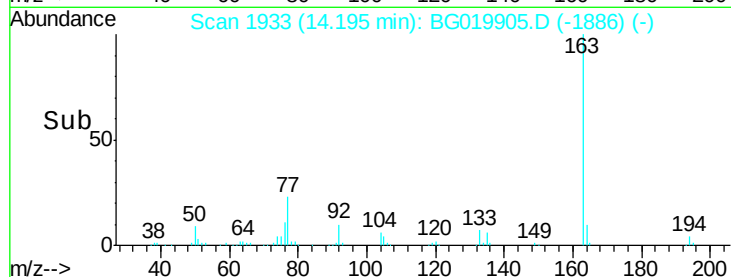
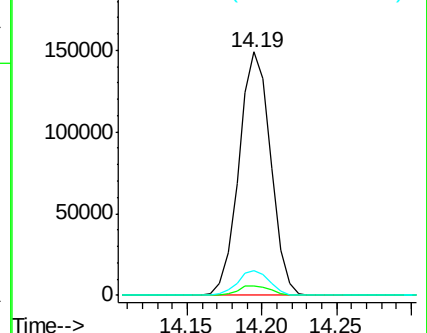
164 10.2 8.8 13.2



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.49 min Scan# 2494

Delta R.T. -0.02 min

Lab File: BG019905.D

Acq: 4 Dec 2015 13:28

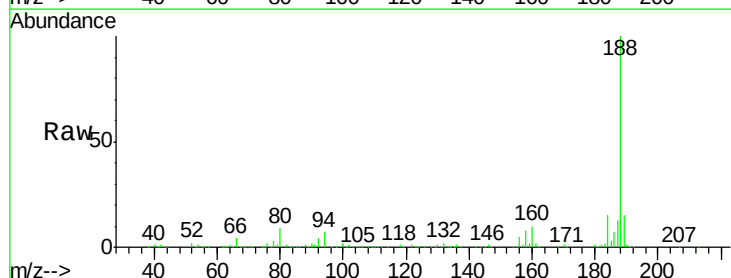
Tgt Ion:188 Resp: 217502

Ion Ratio Lower Upper

188 100

94 7.4 7.7 11.5#

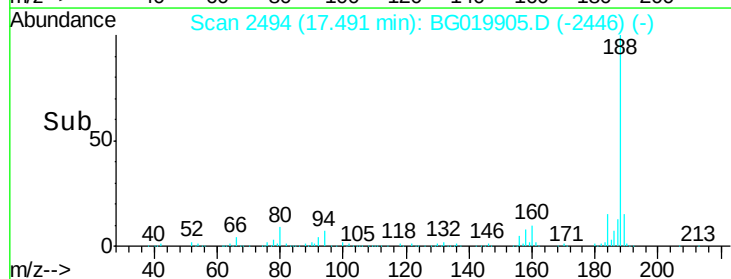
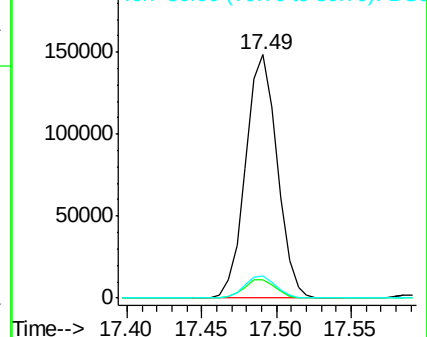
80 8.9 7.8 11.8

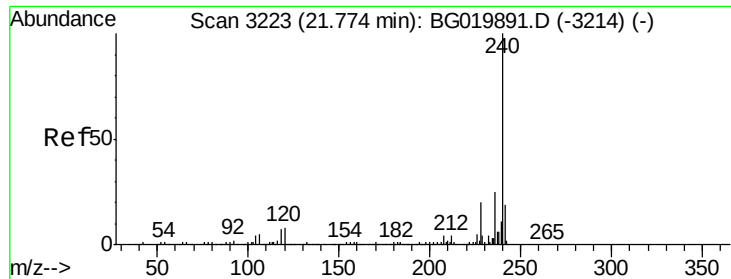


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0

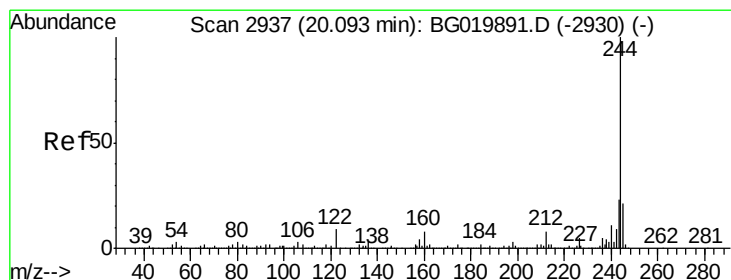
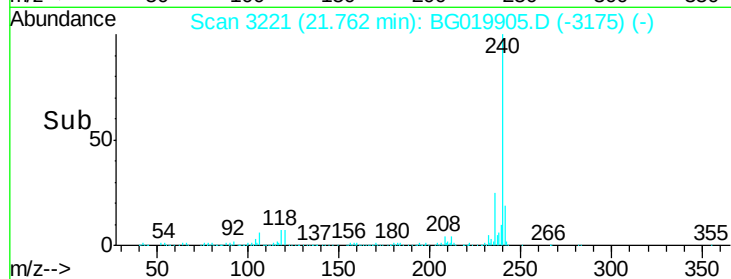
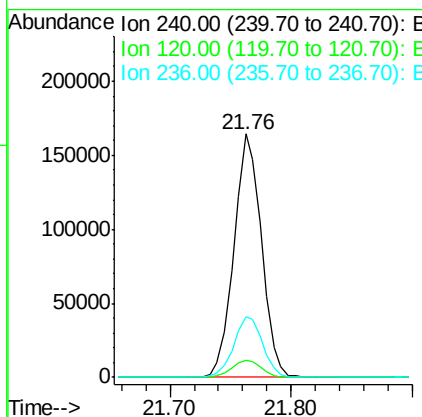
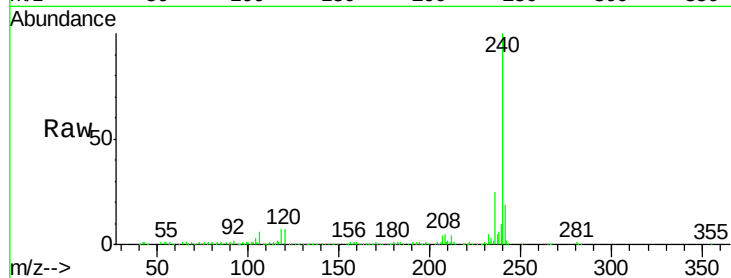




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 21.76 min Scan# 3221
 Delta R.T. -0.03 min
 Lab File: BG019905.D
 Acq: 4 Dec 2015 13:28

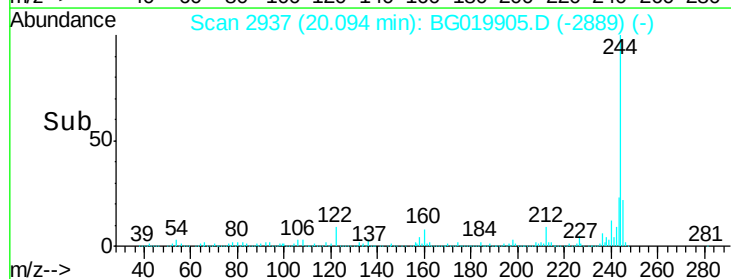
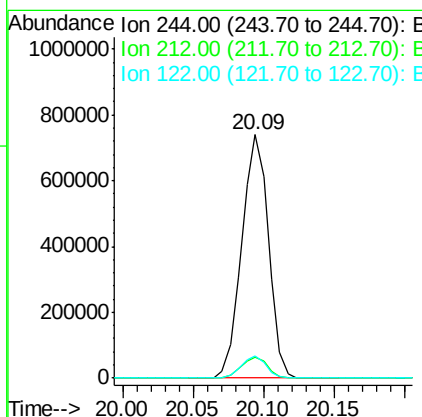
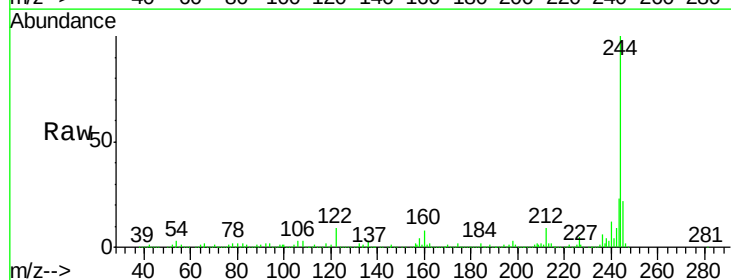
Instrument :
 BNA_G
 ClientSampleId :

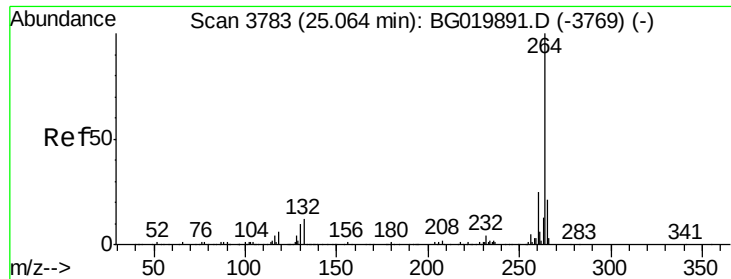
Tot Ion:240 Resp: 260542
 Ion Ratio Lower Upper
 240 100
 120 6.8 7.4 11.0#
 236 24.9 20.7 31.1



#78
 Terphenyl-d14
 Concen: 91.63 ng
 RT: 20.09 min Scan# 2937
 Delta R.T. -0.02 min
 Lab File: BG019905.D
 Acq: 4 Dec 2015 13:28

Tgt Ion:244 Resp: 978797
 Ion Ratio Lower Upper
 244 100
 212 8.8 6.9 10.3
 122 9.1 10.2 15.2#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.05 min Scan# 3781
 Delta R.T. -0.04 min
 Lab File: BG019905.D
 Acq: 4 Dec 2015 13:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.5	27.7
265	21.0	17.2	25.8

