

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091115\
 Data File : BG018618.D
 Acq On : 11 Sep 2015 00:57
 Operator : UM/IZ
 Sample : PB85485BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Quant Time: Sep 11 02:23:14 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 11 01:56:11 2015
 Response via : Initial Calibration

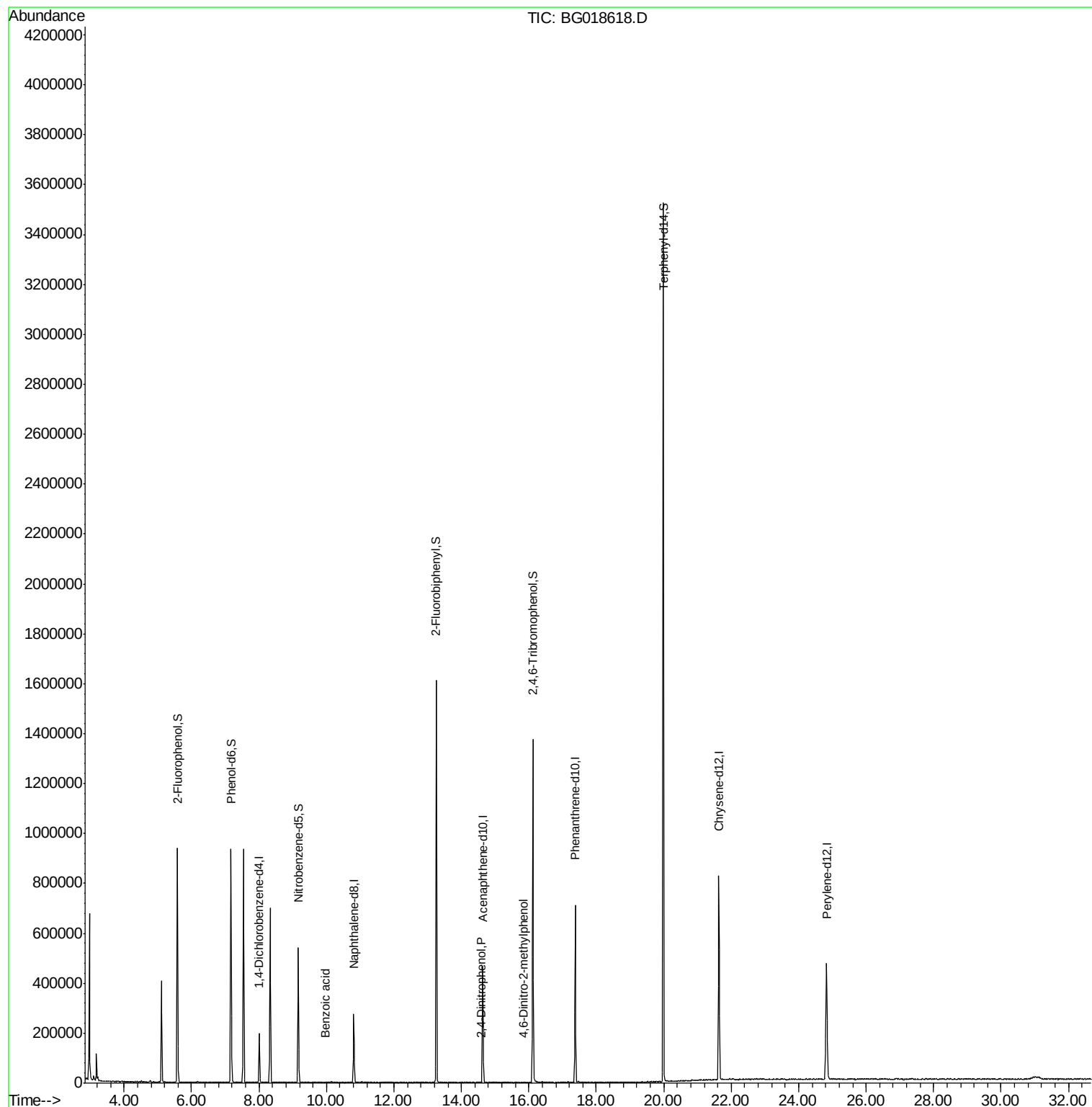
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	58781	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	237253	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	159938	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	449044	20.00	ng	0.00
75) Chrysene-d12	21.63	240	499995	20.00	ng	0.00
86) Perylene-d12	24.82	264	487188	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	440147	129.35	ng	0.00
7) Phenol-d6	7.17	99	608275	124.67	ng	0.00
23) Nitrobenzene-d5	9.16	82	338410	79.82	ng	0.00
41) 2,4,6-Tribromophenol	16.12	330	269195	125.00	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	887754	77.05	ng	0.00
78) Terphenyl-d14	19.99	244	1494707	78.50	ng	0.00
Target Compounds						
32) Benzoic acid	9.97	122	59	7.95	ng	# 1
53) 2,4-Dinitrophenol	14.58	184	58	7.68	ng	# 24
64) 4,6-Dinitro-2-methylphenol	15.82	198	57	5.42	ng	# 37

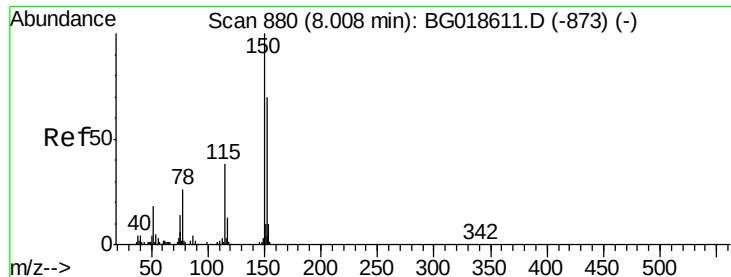
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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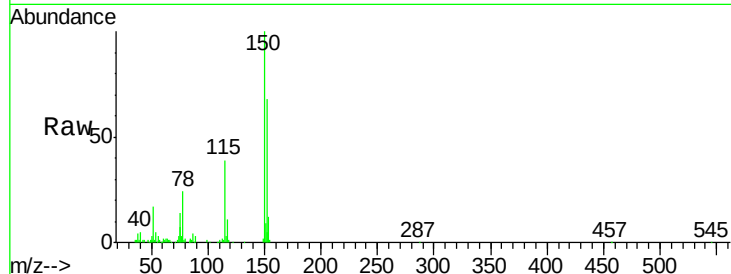


#1

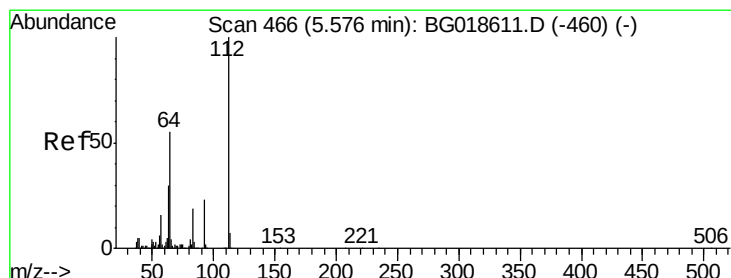
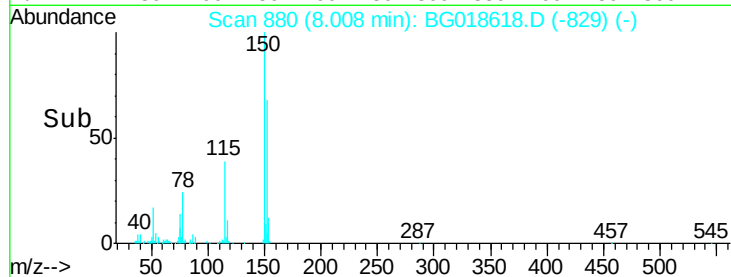
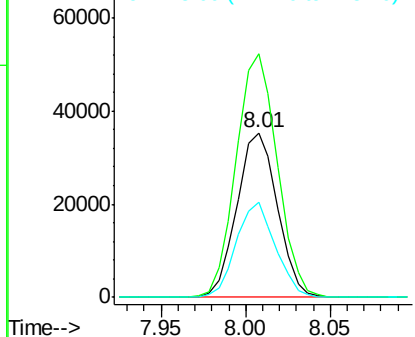
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.01 min Scan# 880
Delta R.T. -0.00 min
Lab File: BG018618.D
Acq: 11 Sep 2015 00:57

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tot Ion:152 Resp: 58781
Ion Ratio Lower Upper
152 100
150 147.7 115.0 172.4
115 57.8 43.9 65.9



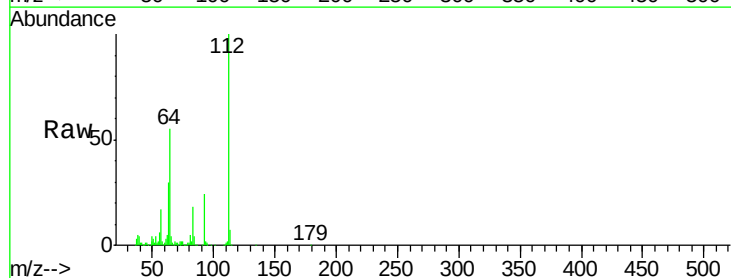
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



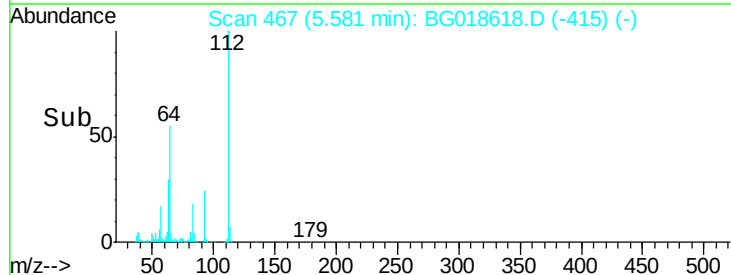
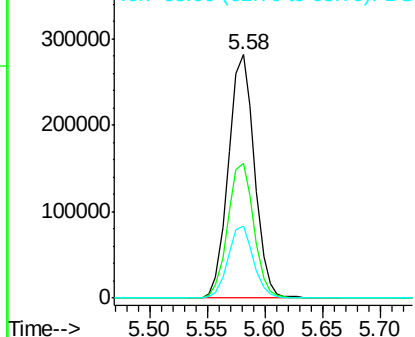
#5

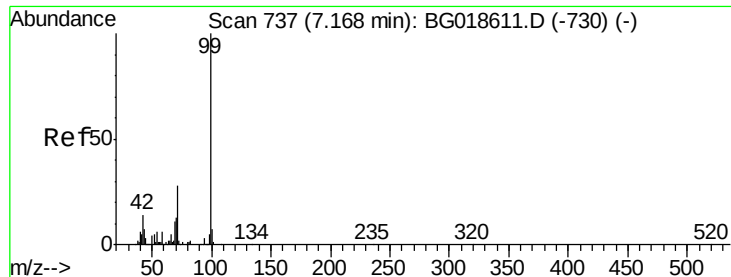
2-Fluorophenol
Concen: 129.35 ng
RT: 5.58 min Scan# 467
Delta R.T. 0.01 min
Lab File: BG018618.D
Acq: 11 Sep 2015 00:57

Tgt Ion:112 Resp: 440147
Ion Ratio Lower Upper
112 100
64 55.1 43.7 65.5
63 29.5 24.0 36.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 124.67 ng

RT: 7.17 min Scan# 737

Delta R.T. -0.00 min

Lab File: BG018618.D

Acq: 11 Sep 2015 00:57

Instrument :

BNA_G

ClientSampleId :

DFTPP

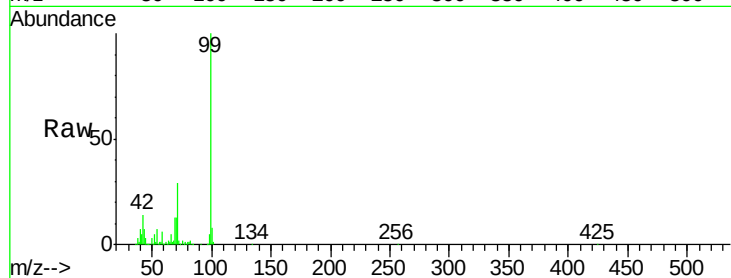
Tot Ion: 99 Resp: 608275

Ion Ratio Lower Upper

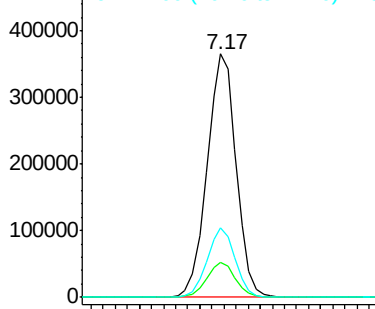
99 100

42 14.4 11.5 17.3

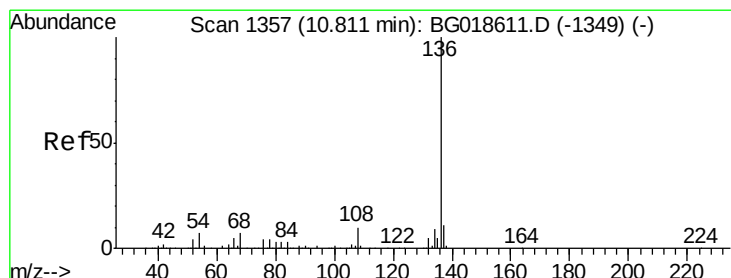
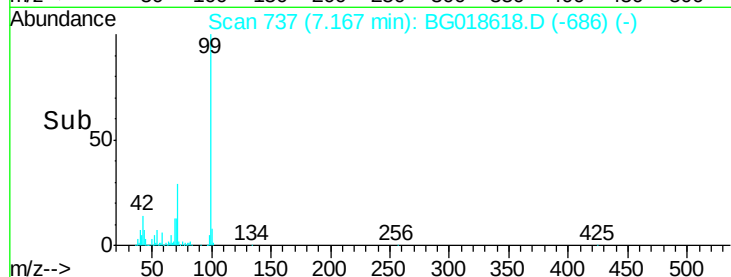
71 28.7 22.6 34.0



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



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.81 min Scan# 1357

Delta R.T. -0.00 min

Lab File: BG018618.D

Acq: 11 Sep 2015 00:57

Tgt Ion: 136 Resp: 237253

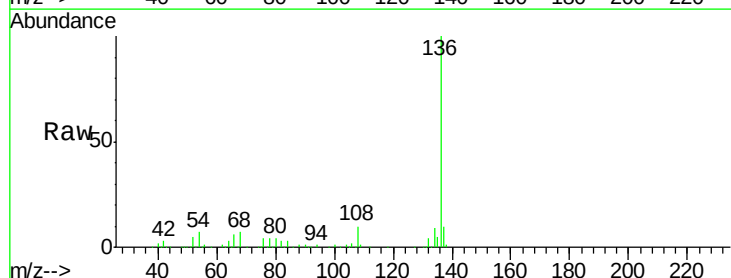
Ion Ratio Lower Upper

136 100

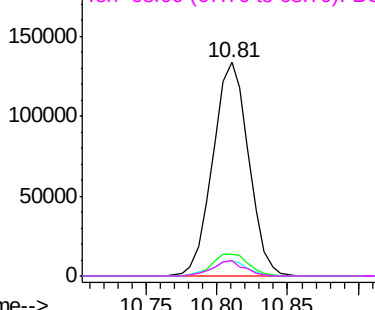
137 10.5 8.6 12.8

54 7.3 5.4 8.2

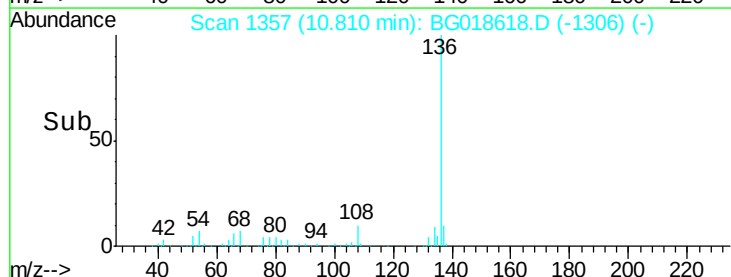
68 7.4 5.3 7.9

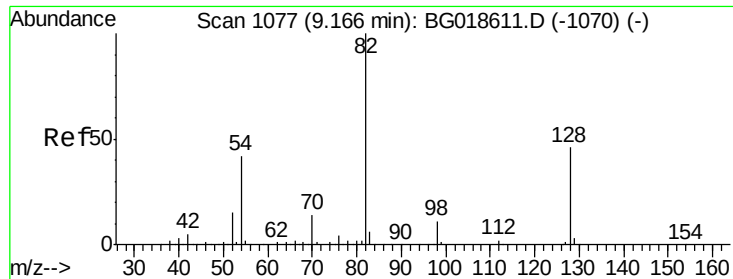


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



Time-->

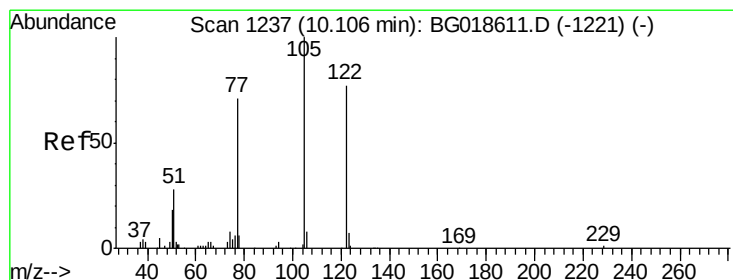
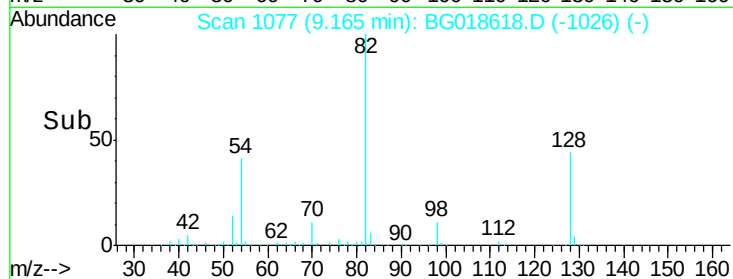
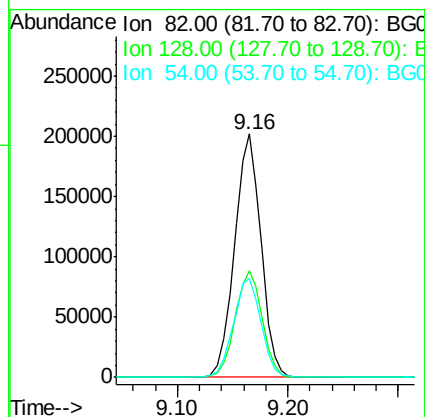
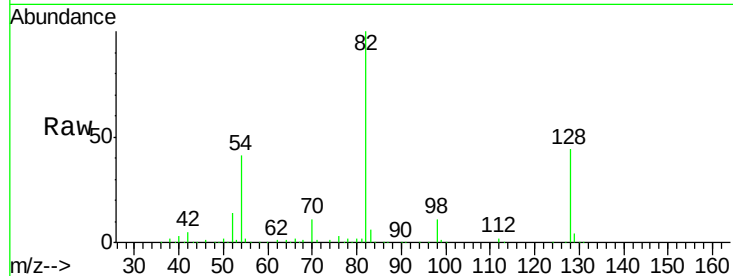




#23
Nitrobenzene-d5
Concen: 79.82 ng
RT: 9.16 min Scan# 1077
Delta R.T. -0.00 min
Lab File: BG018618.D
Acq: 11 Sep 2015 00:57

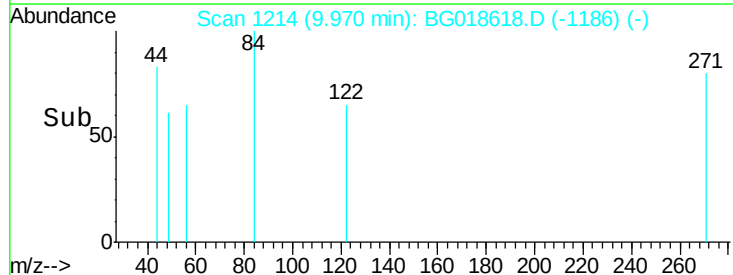
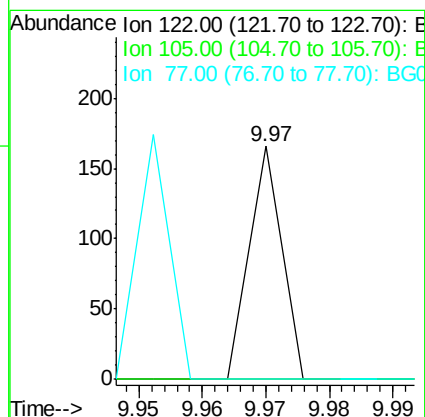
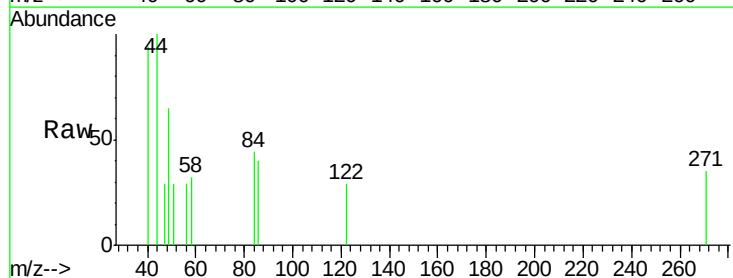
Instrument :
BNA_G
ClientSampleId :
DFTPP

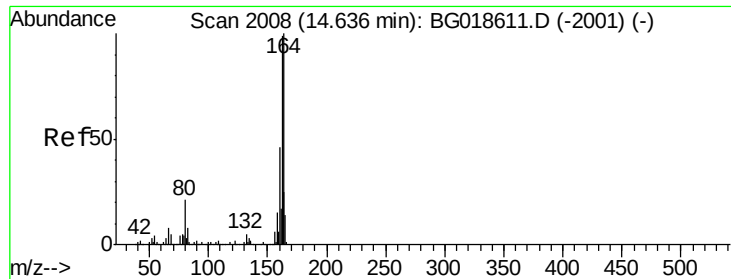
Tot Ion	82	Resp	338410
Ion Ratio	Lower	Upper	
82	100		
128	43.7	36.7	55.1
54	40.7	33.8	50.8



#32
Benzoic acid
Concen: 7.95 ng
RT: 9.97 min Scan# 1214
Delta R.T. -0.14 min
Lab File: BG018618.D
Acq: 11 Sep 2015 00:57

Tgt Ion	122	Resp	59
Ion Ratio	Lower	Upper	
122	100		
105	0.0	103.8	143.8#
77	0.0	68.8	108.8#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.64 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BG018618.D

Acq: 11 Sep 2015 00:57

Instrument :

BNA_G

ClientSampleId :

DFTPP

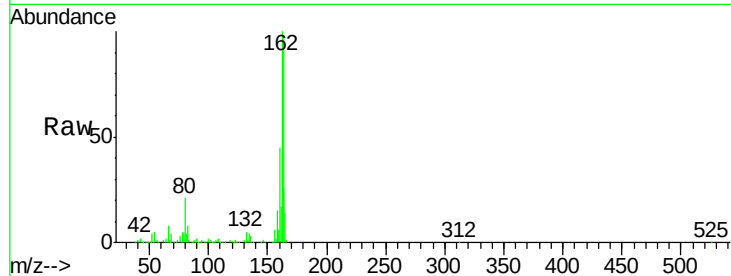
Tot Ion:164 Resp: 159938

Ion Ratio Lower Upper

164 100

162 102.4 78.8 118.2

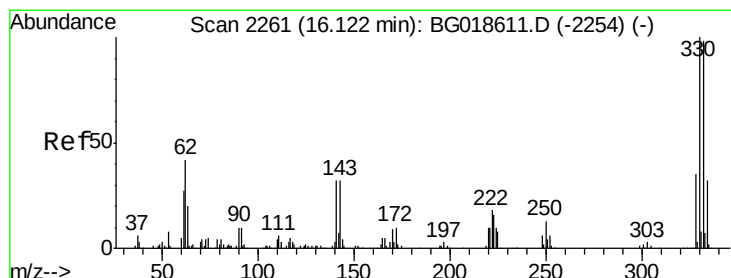
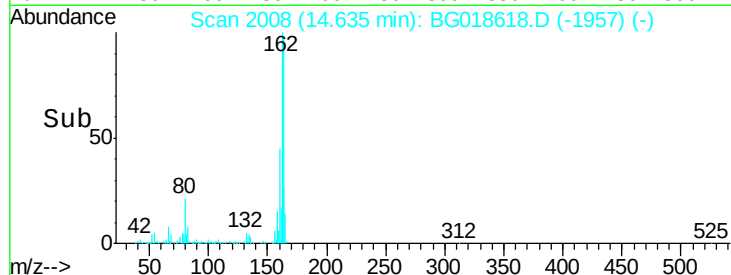
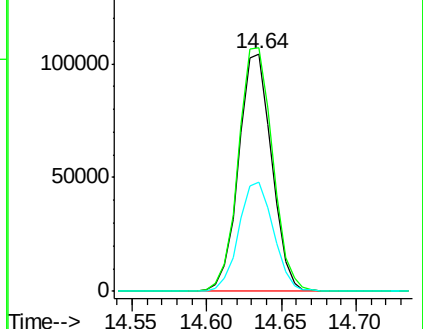
160 45.8 36.4 54.6



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: 125.00 ng

RT: 16.12 min Scan# 2261

Delta R.T. -0.00 min

Lab File: BG018618.D

Acq: 11 Sep 2015 00:57

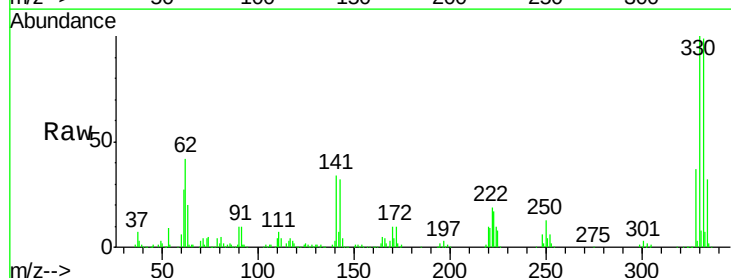
Tgt Ion:330 Resp: 269195

Ion Ratio Lower Upper

330 100

332 95.7 78.1 117.1

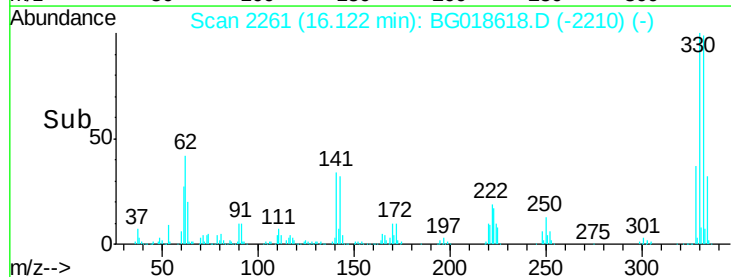
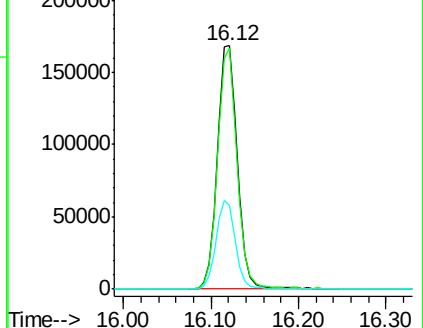
141 34.7 28.2 42.2

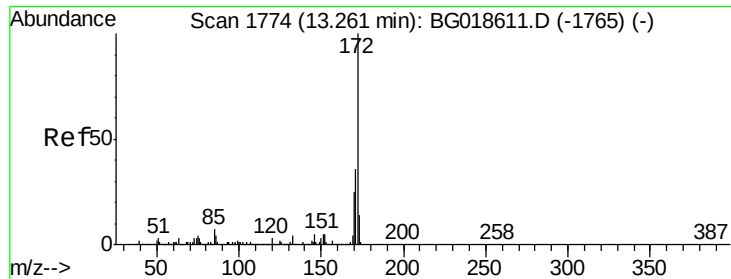


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

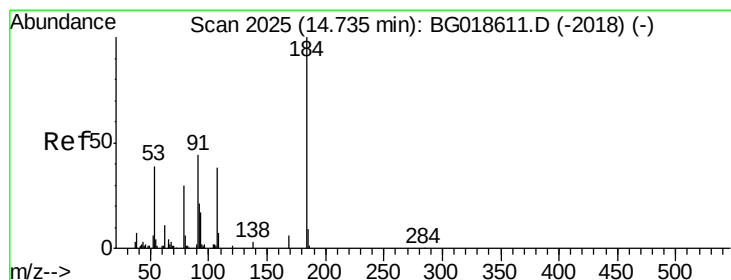
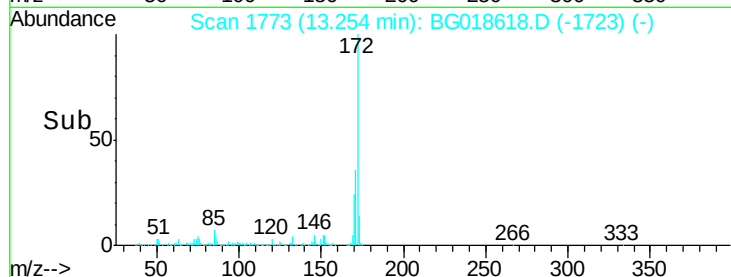
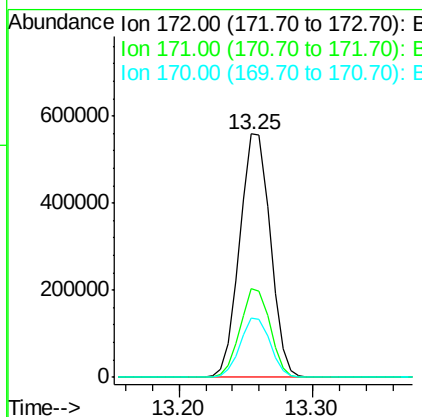
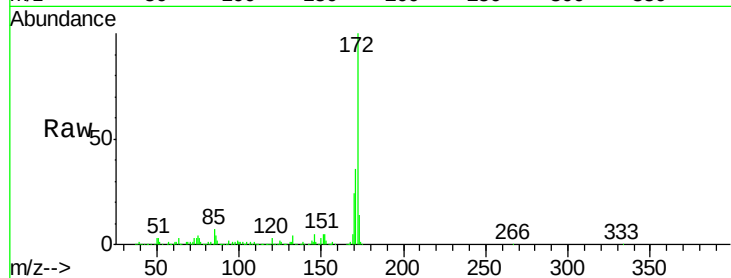




#44
2-Fluorobiphenyl
Concen: 77.05 ng
RT: 13.25 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BG018618.D
Acq: 11 Sep 2015 00:57

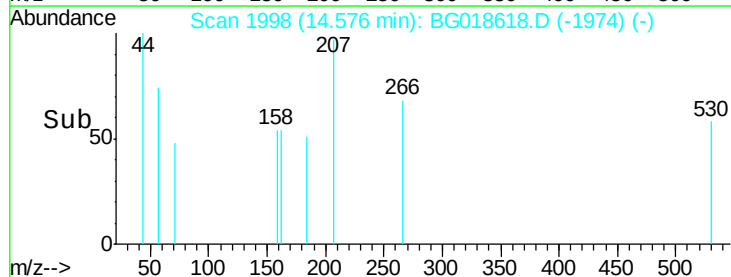
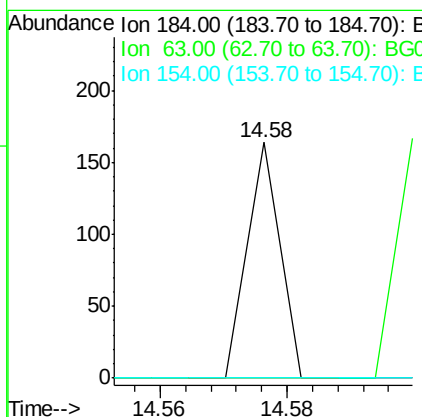
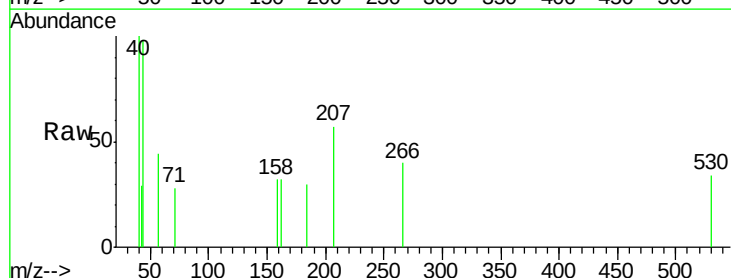
Instrument :
BNA_G
ClientSampleId :
DFTPP

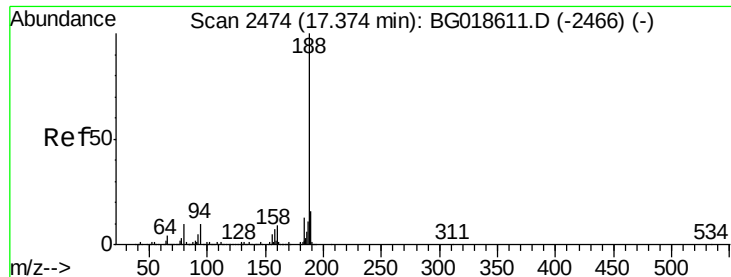
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.6
170	24.4	19.9	29.9



#53
2,4-Dinitrophenol
Concen: 7.68 ng
RT: 14.58 min Scan# 1998
Delta R.T. -0.16 min
Lab File: BG018618.D
Acq: 11 Sep 2015 00:57

Tgt Ion	Ratio	Lower	Upper
184	100		
63	0.0	42.7	64.1#
154	0.0	44.3	66.5#

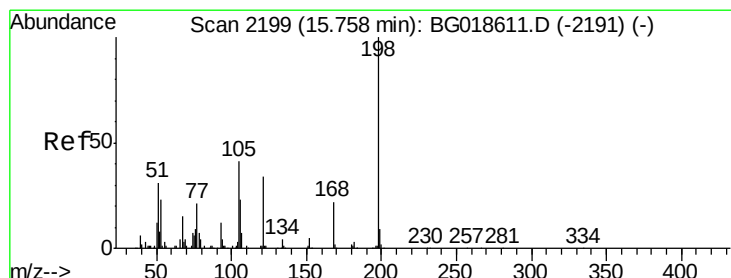
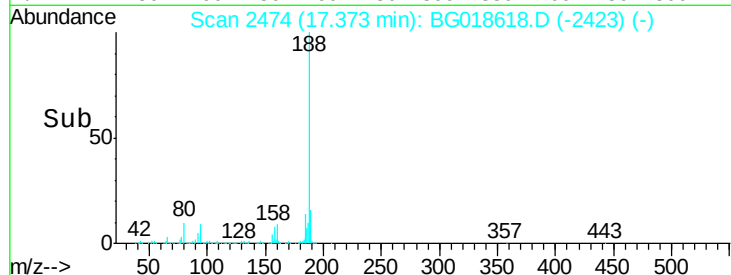
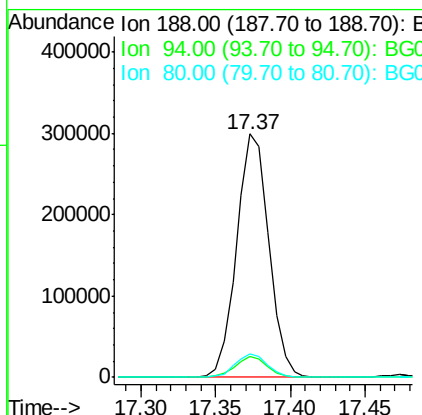
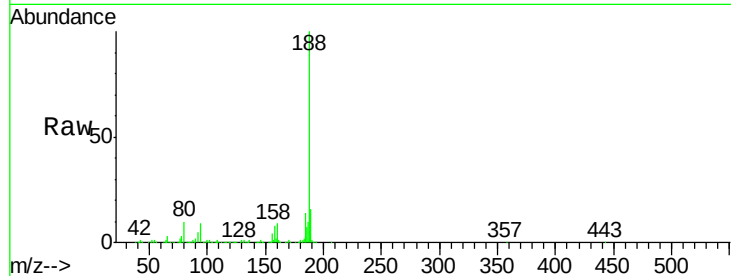




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.37 min Scan# 2474
Delta R.T. -0.00 min
Lab File: BG018618.D
Acq: 11 Sep 2015 00:57

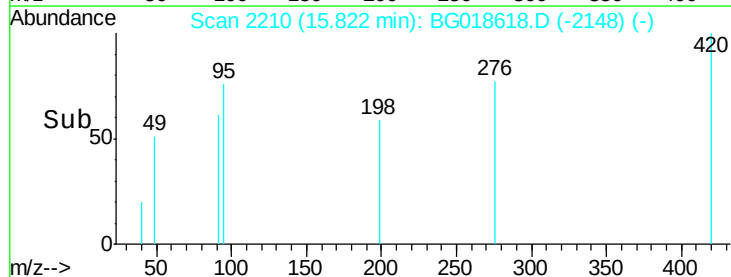
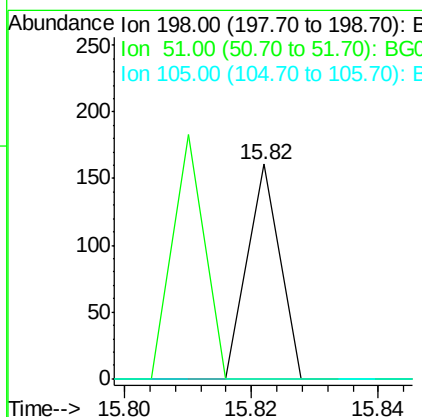
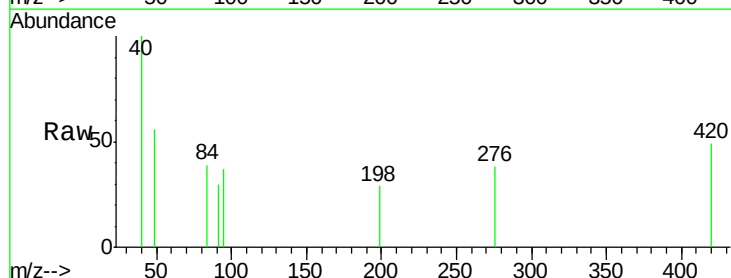
Instrument :
BNA_G
ClientSampleId :
DFTPP

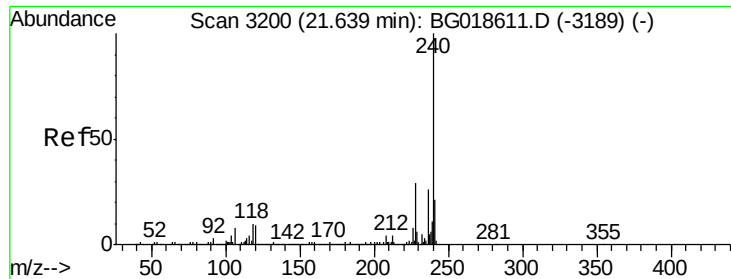
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.7	11.5
80	9.7	7.8	11.8



#64
4,6-Dinitro-2-methylphenol
Concen: 5.42 ng
RT: 15.82 min Scan# 2210
Delta R.T. 0.06 min
Lab File: BG018618.D
Acq: 11 Sep 2015 00:57

Tgt Ion	Ratio	Lower	Upper
198	100		
51	0.0	14.2	54.2#
105	0.0	21.1	61.1#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.63 min Scan# 3199

Delta R.T. -0.01 min

Lab File: BG018618.D

Acq: 11 Sep 2015 00:57

Instrument :

BNA_G

ClientSampleId :

DFTPP

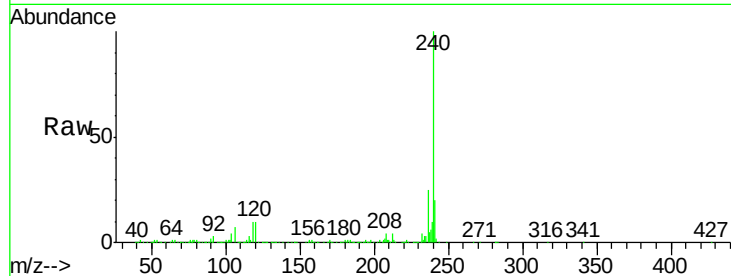
Tot Ion:240 Resp: 499995

Ion Ratio Lower Upper

240 100

120 9.9 7.4 11.0

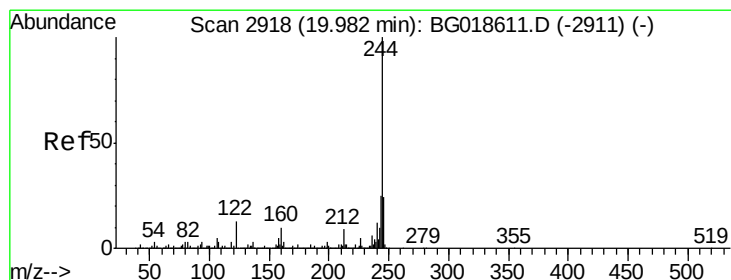
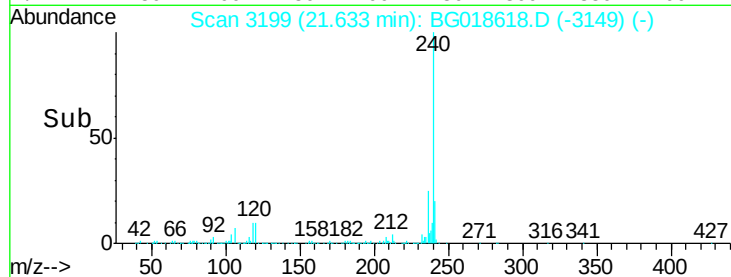
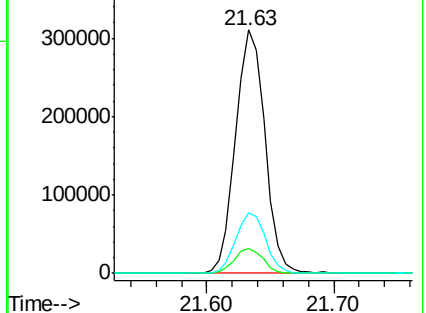
236 25.0 20.7 31.1



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: 78.50 ng

RT: 19.99 min Scan# 2919

Delta R.T. 0.01 min

Lab File: BG018618.D

Acq: 11 Sep 2015 00:57

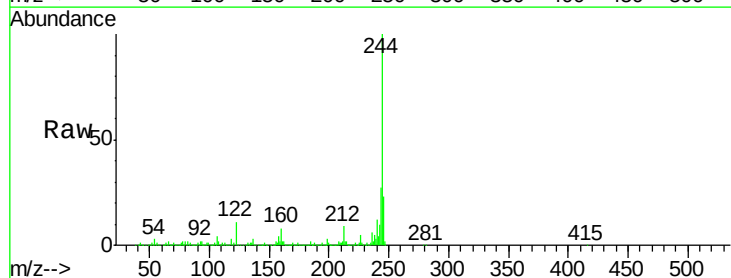
Tgt Ion:244 Resp: 1494707

Ion Ratio Lower Upper

244 100

212 8.7 6.9 10.3

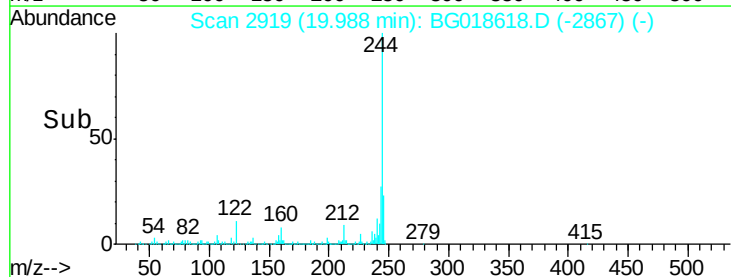
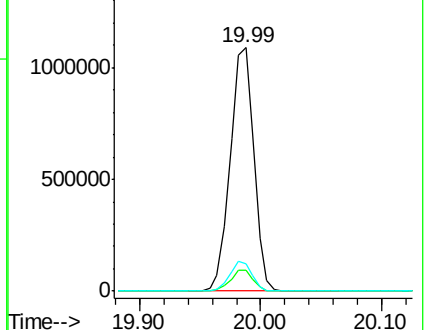
122 11.0 10.2 15.2

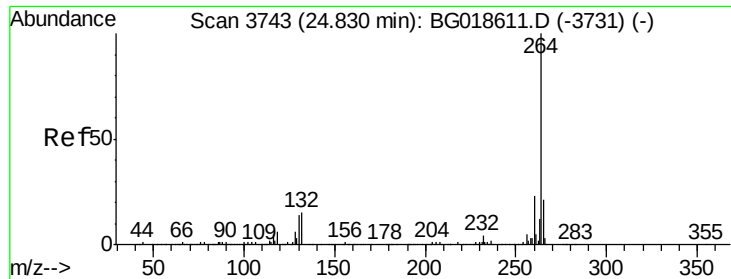


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 24.82 min Scan# 3742
Delta R.T. -0.01 min
Lab File: BG018618.D
Acq: 11 Sep 2015 00:57

Instrument :
BNA_G
ClientSampleId :
DFTPP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.5	27.7
265	21.4	17.2	25.8

