

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091115\
 Data File : BG018626.D
 Acq On : 11 Sep 2015 6:01
 Operator : UM/IZ
 Sample : G3612-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RINSATEBLANK

Quant Time: Sep 11 06:59:46 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

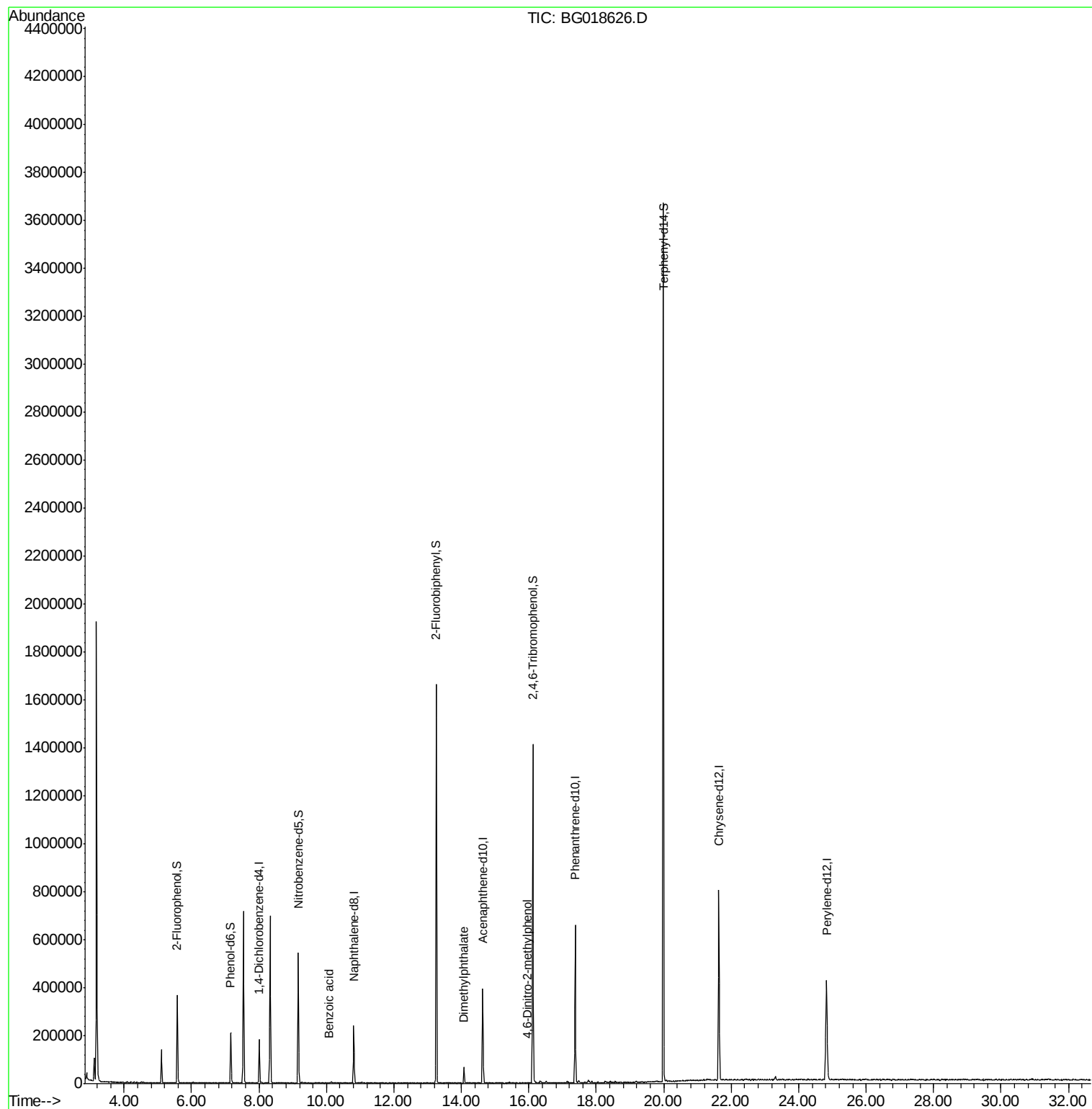
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	53127	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	208289	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	139176	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	401939	20.00	ng	0.00
75) Chrysene-d12	21.63	240	465113	20.00	ng	0.00
86) Perylene-d12	24.82	264	459542	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	173910	56.55	ng	0.00
7) Phenol-d6	7.16	99	142132	32.23	ng	0.00
23) Nitrobenzene-d5	9.17	82	339057	91.09	ng	0.00
41) 2,4,6-Tribromophenol	16.12	330	270427	144.31	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	885759	88.35	ng	0.00
78) Terphenyl-d14	19.99	244	1568971	88.58	ng	0.00
Target Compounds						
32) Benzoic acid	10.09	122	138	7.97	ng	# 66
49) Dimethylphthalate	14.08	163	46857	4.07	ng	98
64) 4,6-Dinitro-2-methylphenol	15.94	198	55	5.43	ng	# 37

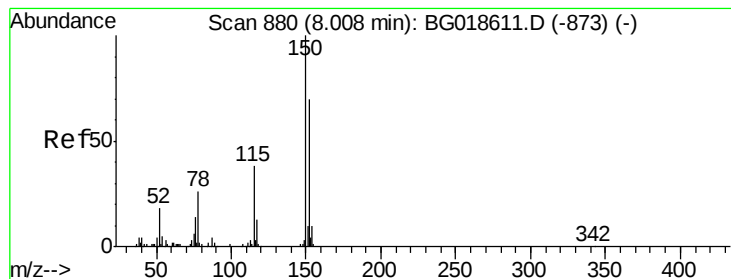
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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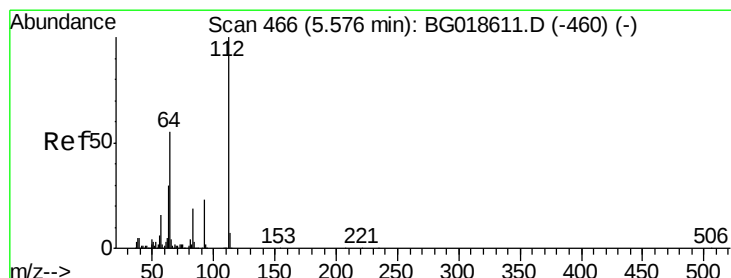
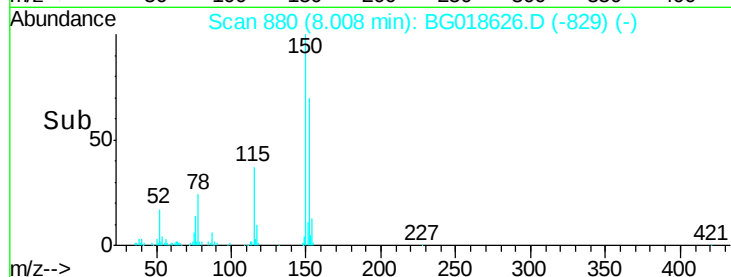
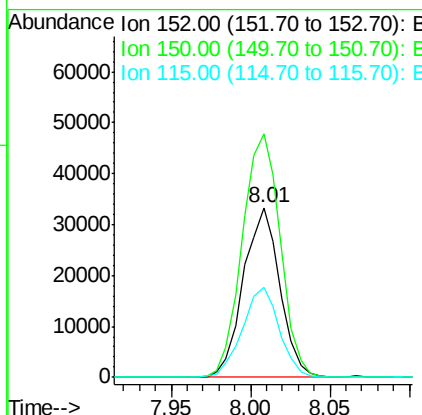
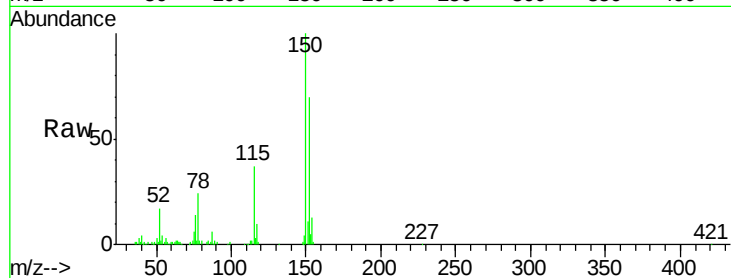




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.01 min Scan# 880
 Delta R.T. -0.00 min
 Lab File: BG018626.D
 Acq: 11 Sep 2015 6:01

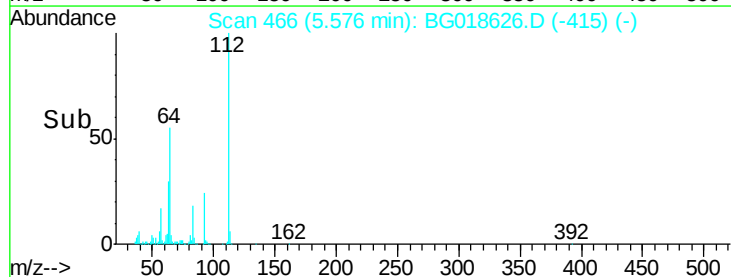
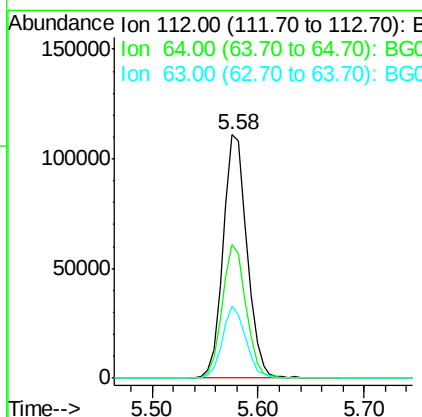
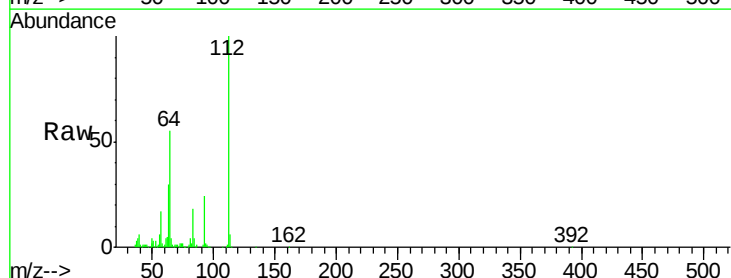
Instrument :
 BNA_G
 ClientSampleId :
 RINSATEBLANK

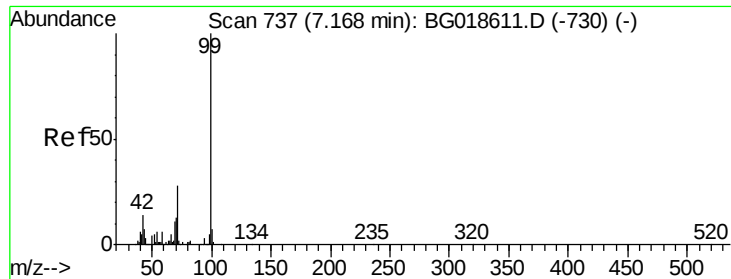
Tot Ion:152 Resp: 53127
 Ion Ratio Lower Upper
 152 100
 150 143.5 115.0 172.4
 115 52.8 43.9 65.9



#5
 2-Fluorophenol
 Concen: 56.55 ng
 RT: 5.58 min Scan# 466
 Delta R.T. -0.00 min
 Lab File: BG018626.D
 Acq: 11 Sep 2015 6:01

Tgt Ion:112 Resp: 173910
 Ion Ratio Lower Upper
 112 100
 64 54.8 43.7 65.5
 63 29.7 24.0 36.0





#7

Phenol-d6

Concen: 32.23 ng

RT: 7.16 min Scan# 736

Delta R.T. -0.01 min

Lab File: BG018626.D

Acq: 11 Sep 2015 6:01

Instrument :

BNA_G

ClientSampleId :

RINSATEBLANK

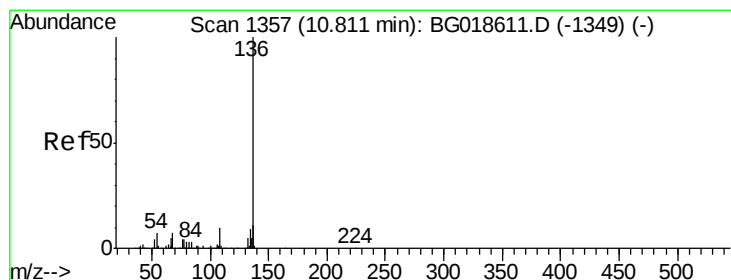
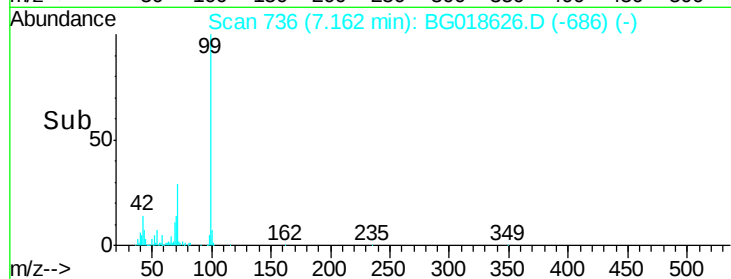
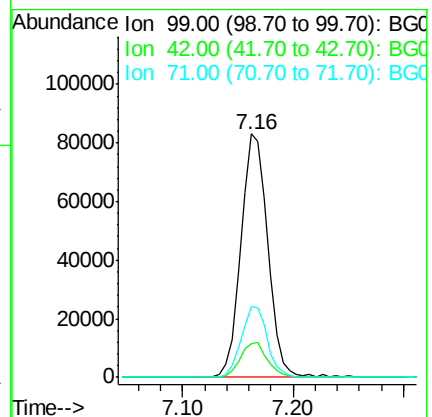
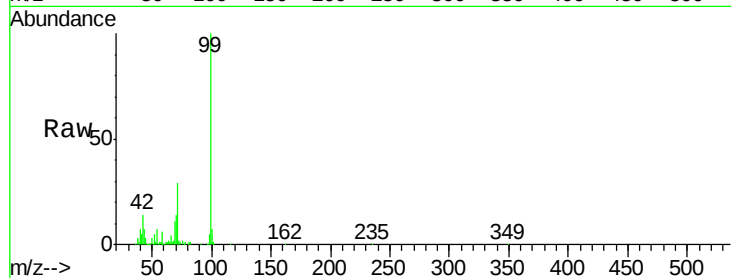
Tot Ion: 99 Resp: 142132

Ion Ratio Lower Upper

99 100

42 13.7 11.5 17.3

71 28.9 22.6 34.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.81 min Scan# 1357

Delta R.T. -0.00 min

Lab File: BG018626.D

Acq: 11 Sep 2015 6:01

Tgt Ion: 136 Resp: 208289

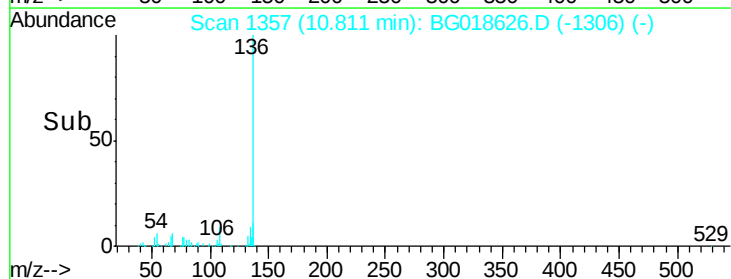
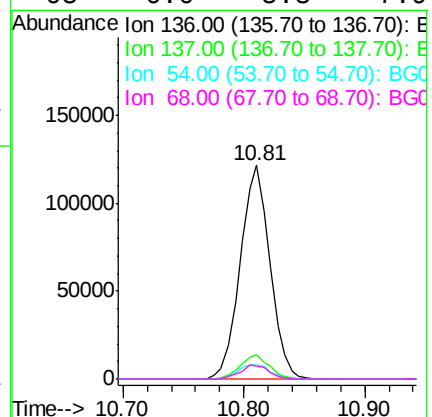
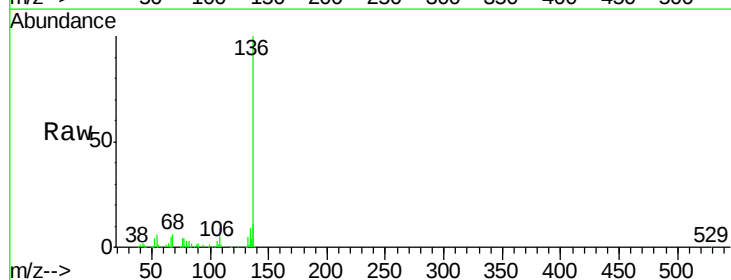
Ion Ratio Lower Upper

136 100

137 11.3 8.6 12.8

54 6.5 5.4 8.2

68 6.0 5.3 7.9

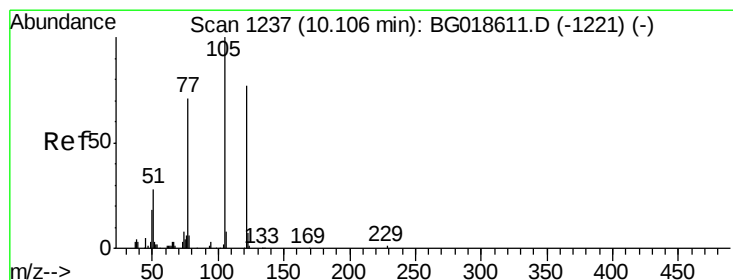
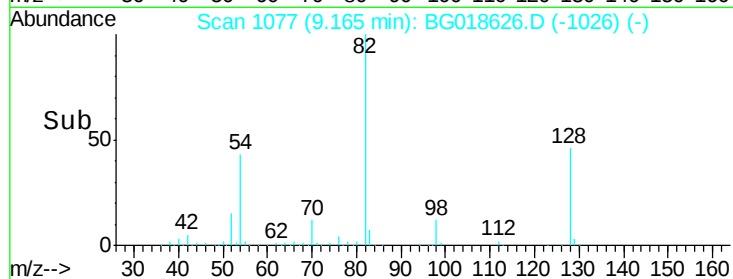
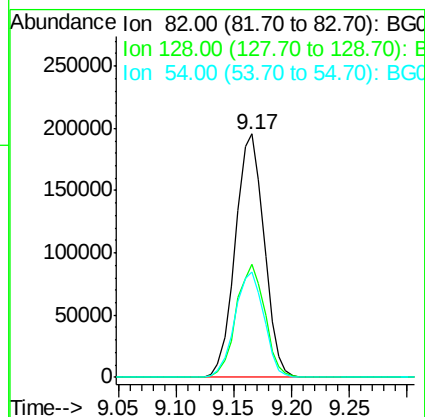
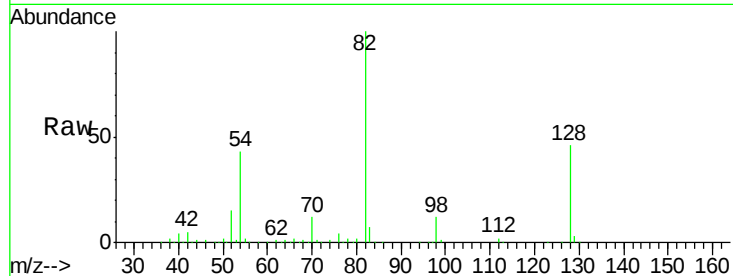




#23
Nitrobenzene-d5
Concen: 91.09 ng
RT: 9.17 min Scan# 1077
Delta R.T. -0.00 min
Lab File: BG018626.D
Acq: 11 Sep 2015 6:01

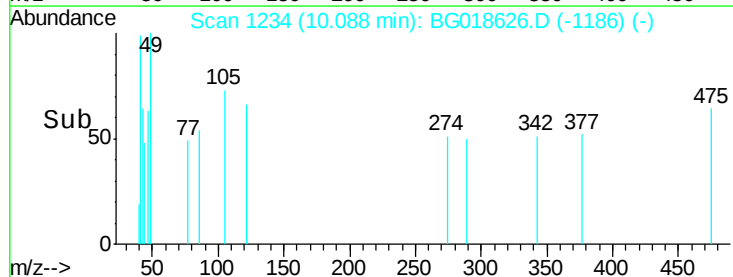
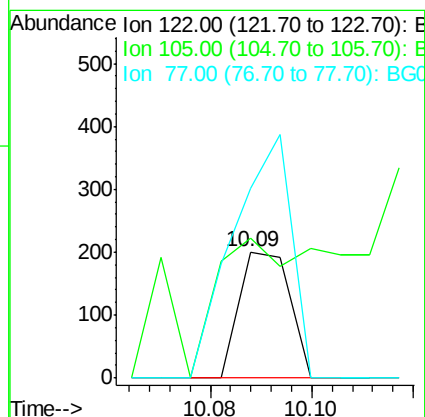
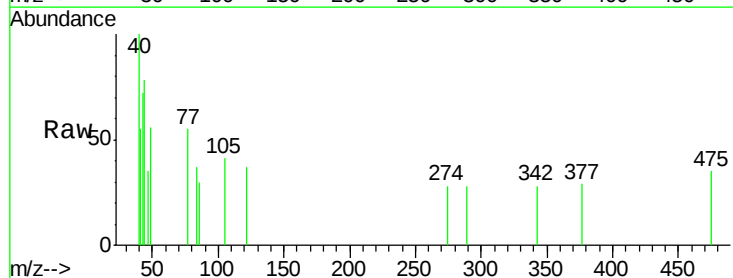
Instrument :
BNA_G
ClientSampleId :
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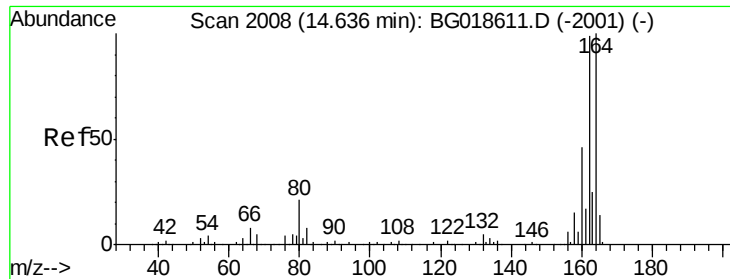
Tot Ion: 82 Resp: 339057
Ion Ratio Lower Upper
82 100
128 46.2 36.7 55.1
54 43.3 33.8 50.8



#32
Benzoic acid
Concen: 7.97 ng
RT: 10.09 min Scan# 1234
Delta R.T. -0.02 min
Lab File: BG018626.D
Acq: 11 Sep 2015 6:01

Tgt Ion: 122 Resp: 138
Ion Ratio Lower Upper
122 100
105 111.0 103.8 143.8
77 150.5 68.8 108.8#

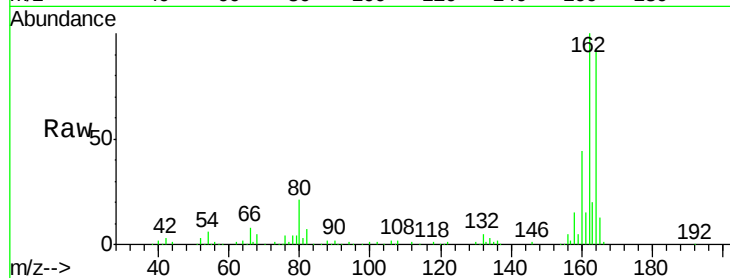




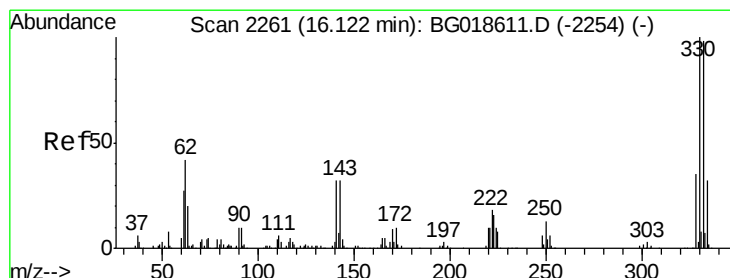
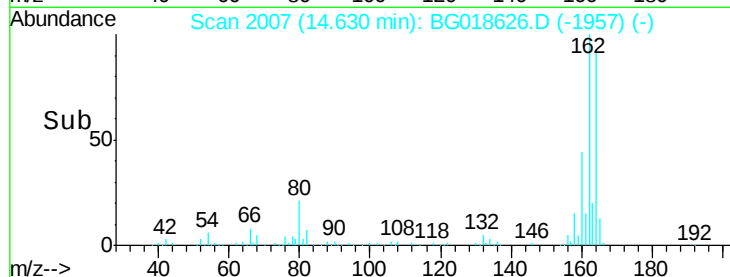
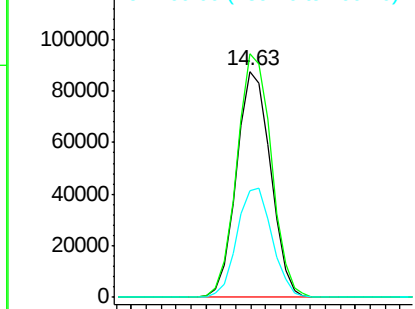
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.63 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BG018626.D
Acq: 11 Sep 2015 6:01

Instrument :
BNA_G
ClientSampleId :
RINSATEBLANK

Tot Ion:164 Resp: 139176
Ion Ratio Lower Upper
164 100
162 107.8 78.8 118.2
160 47.4 36.4 54.6

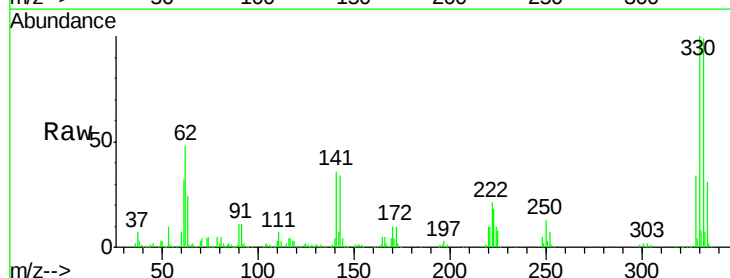


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

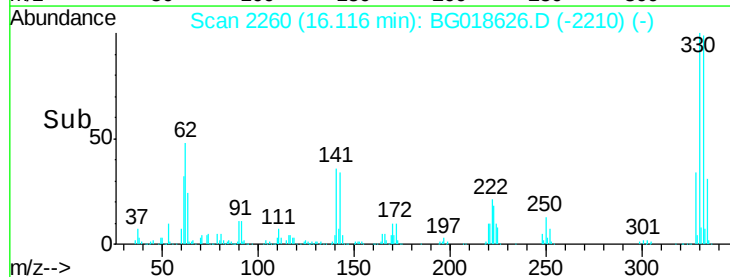
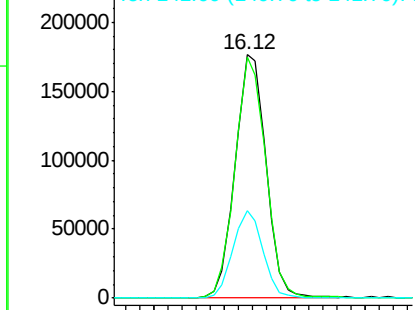


#41
2,4,6-Tribromophenol
Concen: 144.31 ng
RT: 16.12 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BG018626.D
Acq: 11 Sep 2015 6:01

Tgt Ion:330 Resp: 270427
Ion Ratio Lower Upper
330 100
332 97.8 78.1 117.1
141 35.2 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

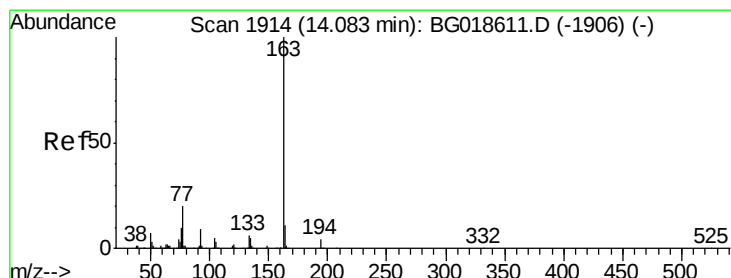
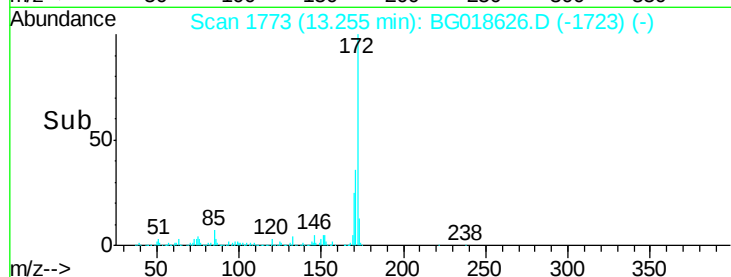
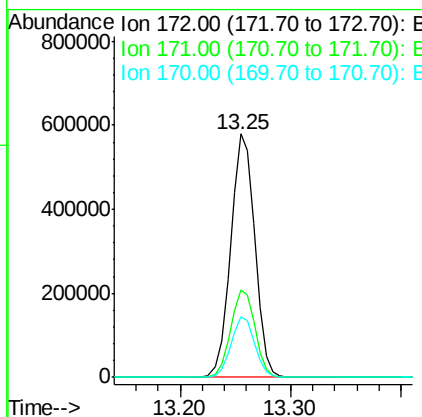
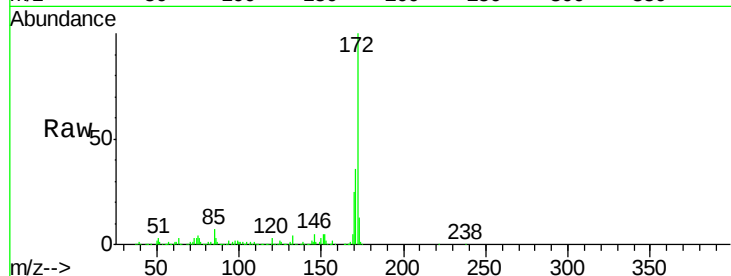




#44
2-Fluorobiphenyl
Concen: 88.35 ng
RT: 13.25 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BG018626.D
Acq: 11 Sep 2015 6:01

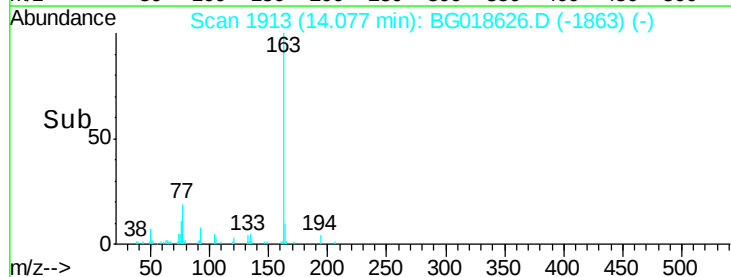
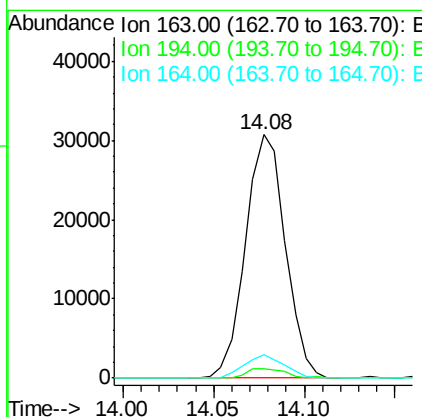
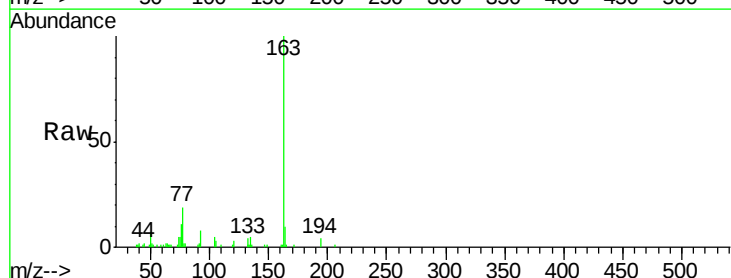
Instrument :
BNA_G
ClientSampleId :
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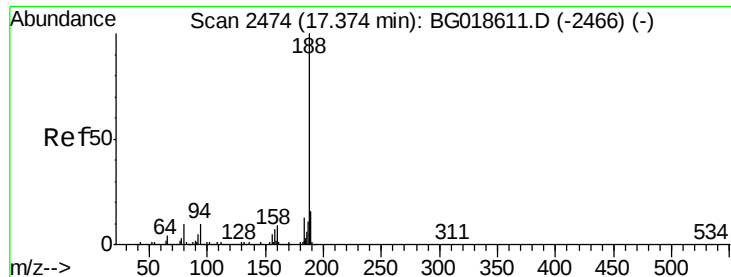
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.6
170	25.1	19.9	29.9



#49
Dimethylphthalate
Concen: 4.07 ng
RT: 14.08 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BG018626.D
Acq: 11 Sep 2015 6:01

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.1	4.7
164	9.8	8.8	13.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.37 min Scan# 2474

Delta R.T. -0.00 min

Lab File: BG018626.D

Acq: 11 Sep 2015 6:01

Instrument :

BNA_G

ClientSampleId :

RINSATEBLANK

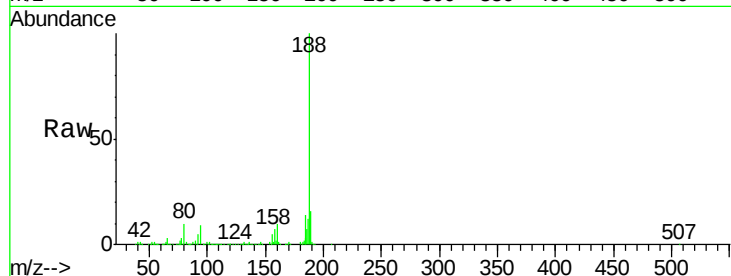
Tot Ion:188 Resp: 401939

Ion Ratio Lower Upper

188 100

94 8.9 7.7 11.5

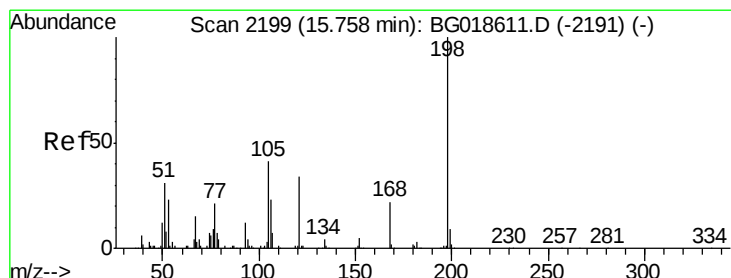
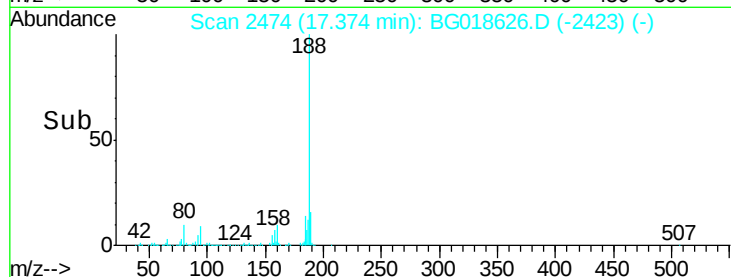
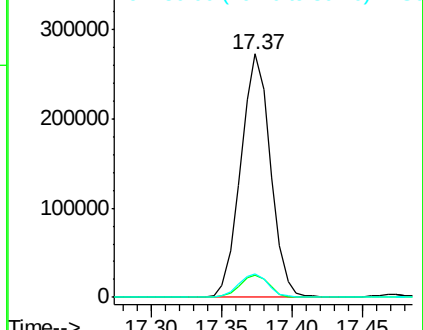
80 9.8 7.8 11.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 5.43 ng

RT: 15.94 min Scan# 2230

Delta R.T. 0.18 min

Lab File: BG018626.D

Acq: 11 Sep 2015 6:01

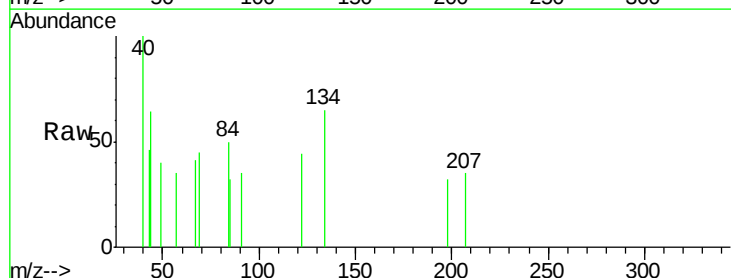
Tgt Ion:198 Resp: 55

Ion Ratio Lower Upper

198 100

51 0.0 14.2 54.2#

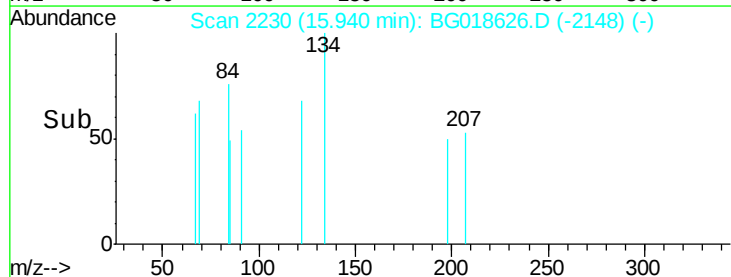
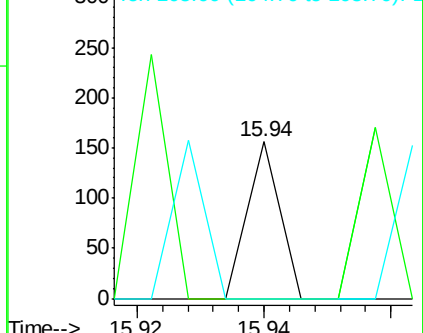
105 0.0 21.1 61.1#

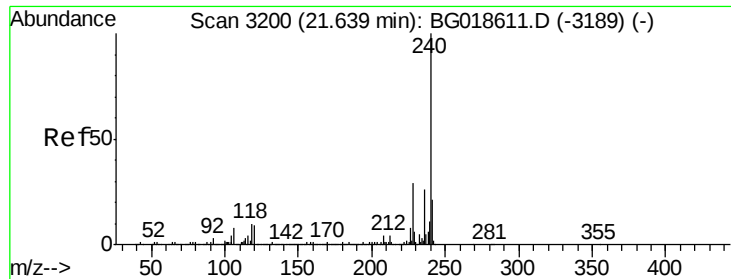


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.63 min Scan# 3199

Delta R.T. -0.01 min

Lab File: BG018626.D

Acq: 11 Sep 2015 6:01

Instrument :

BNA_G

ClientSampleId :

RINSATEBLANK

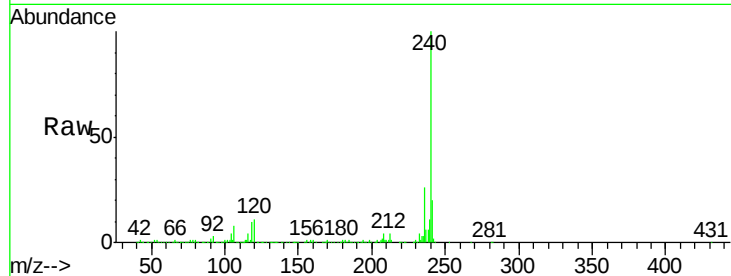
Tot Ion:240 Resp: 465113

Ion Ratio Lower Upper

240 100

120 11.3 7.4 11.0#

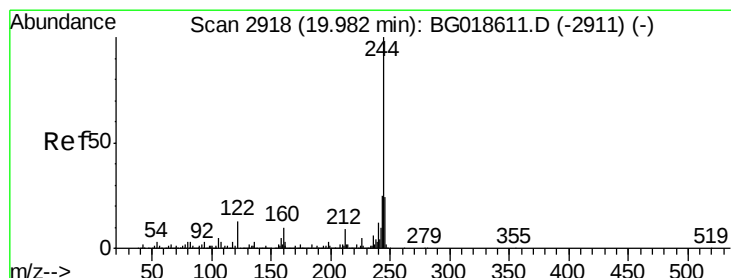
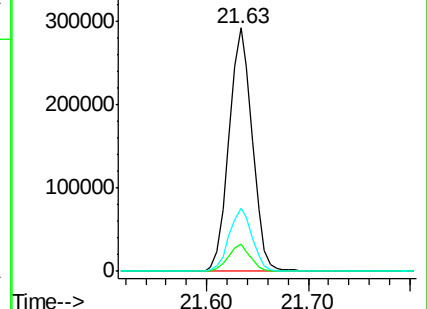
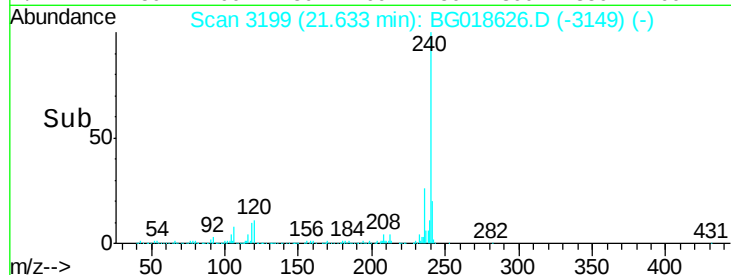
236 26.2 20.7 31.1



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: 88.58 ng

RT: 19.99 min Scan# 2919

Delta R.T. 0.01 min

Lab File: BG018626.D

Acq: 11 Sep 2015 6:01

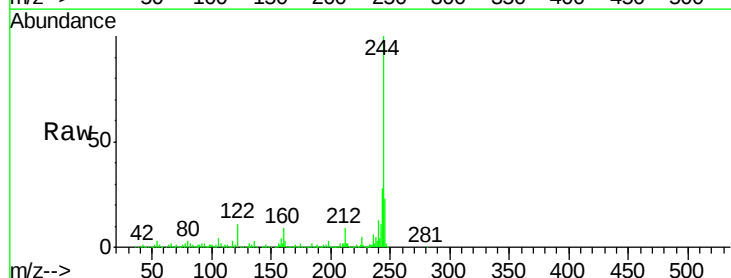
Tgt Ion:244 Resp: 1568971

Ion Ratio Lower Upper

244 100

212 8.7 6.9 10.3

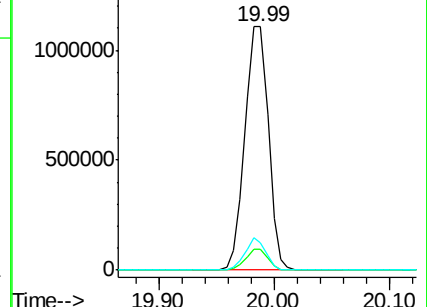
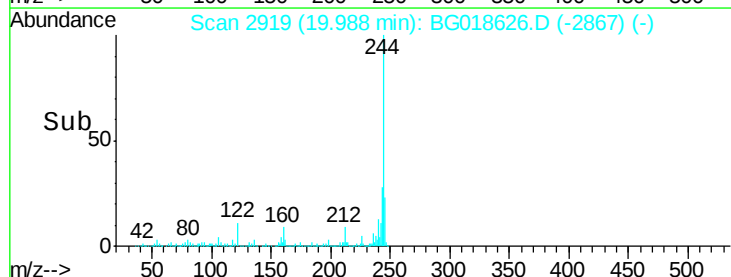
122 11.5 10.2 15.2

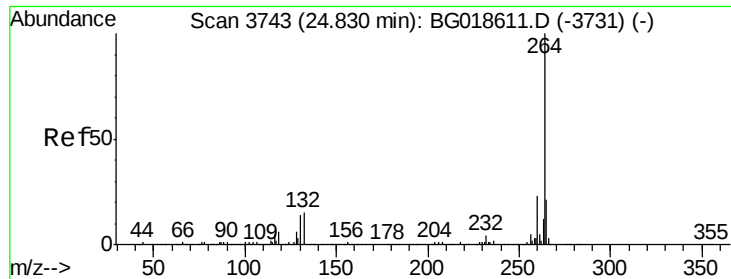


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG018626.D
 Acq: 11 Sep 2015 6:01

Instrument :
 BNA_G
 ClientSampleId :
 RINSATEBLANK

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.5	27.7
265	22.5	17.2	25.8

