

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091215\
 Data File : BG018645.D
 Acq On : 11 Sep 2015 18:48
 Operator : UM/IZ
 Sample : G3612-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RINSATEBLANK

Quant Time: Sep 12 00:38:26 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 10:44:16 2015
 Response via : Initial Calibration

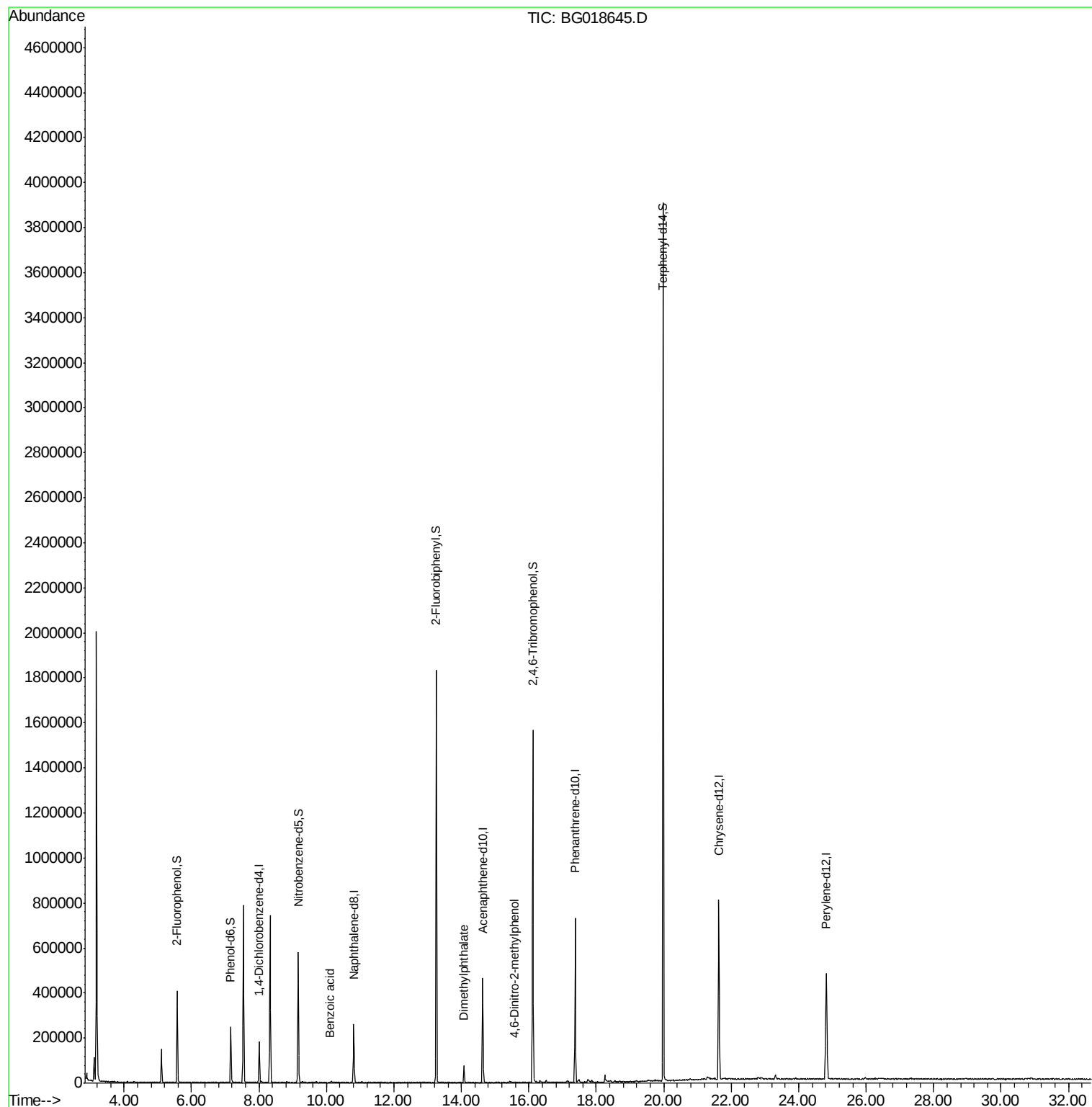
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	56558	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	229748	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	158809	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	442042	20.00	ng	0.00
75) Chrysene-d12	21.63	240	487815	20.00	ng	0.00
86) Perylene-d12	24.82	264	477379	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	192252	58.72	ng	0.00
7) Phenol-d6	7.16	99	160520	34.19	ng	0.00
23) Nitrobenzene-d5	9.17	82	373237	90.91	ng	0.00
41) 2,4,6-Tribromophenol	16.12	330	302997	141.70	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	985041	86.10	ng	0.00
78) Terphenyl-d14	19.98	244	1646368	88.63	ng	0.00
Target Compounds						
32) Benzoic acid	10.10	122	55	7.95	ng	# 1
49) Dimethylphthalate	14.08	163	53870	4.10	ng	# 95
64) 4,6-Dinitro-2-methylphenol	15.58	198	56	5.42	ng	# 11

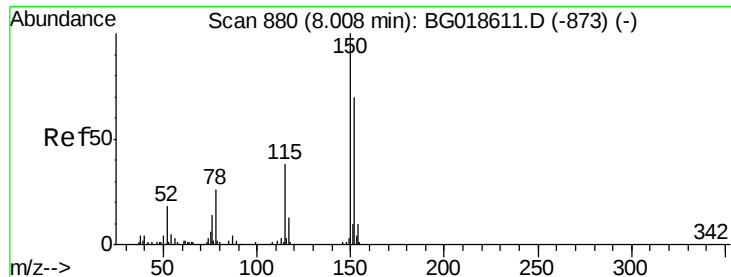
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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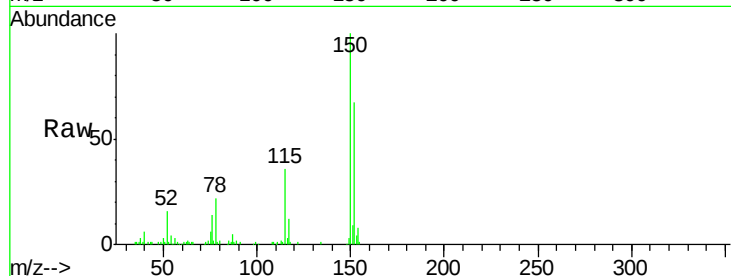


#1

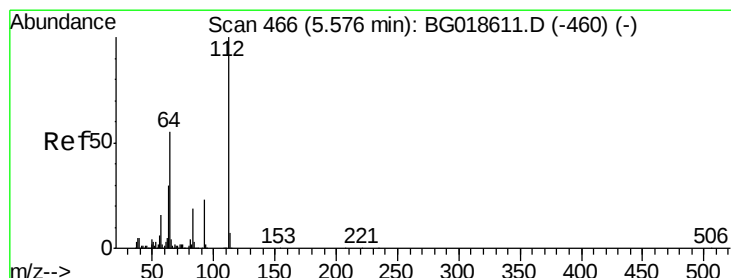
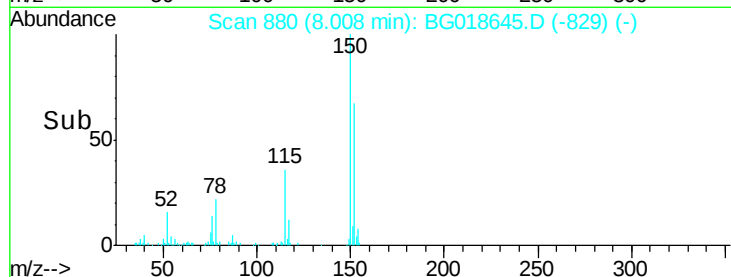
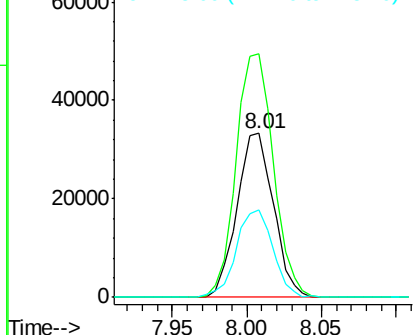
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.01 min Scan# 880
Delta R.T. -0.00 min
Lab File: BG018645.D
Acq: 11 Sep 2015 18:48

Instrument :
BNA_G
ClientSampleId :
RINSATEBLANK

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.6	115.0	172.4
115	53.1	43.9	65.9



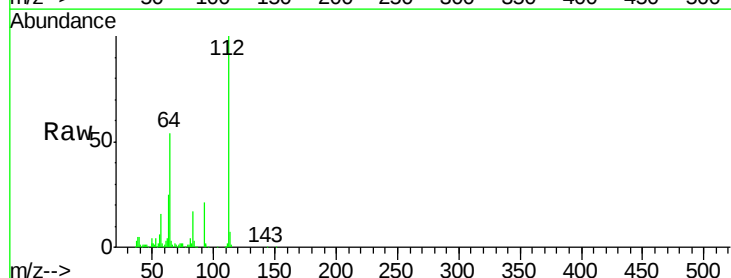
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



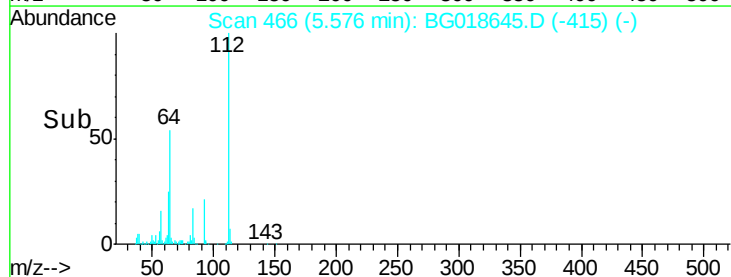
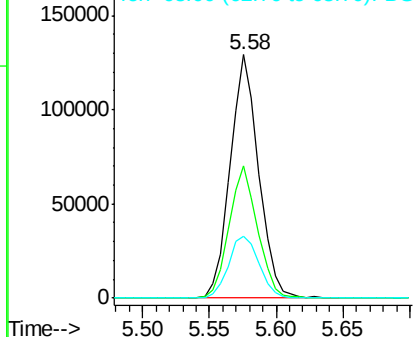
#5

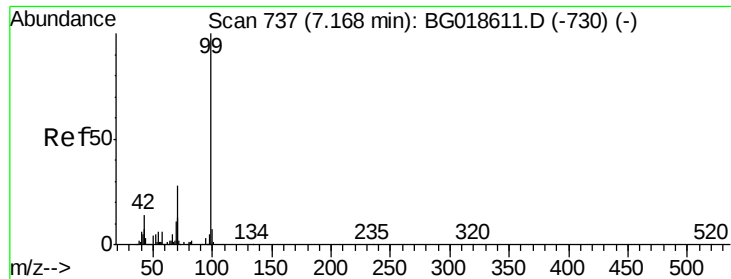
2-Fluorophenol
Concen: 58.72 ng
RT: 5.58 min Scan# 466
Delta R.T. -0.00 min
Lab File: BG018645.D
Acq: 11 Sep 2015 18:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.4	43.7	65.5
63	25.3	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: 34.19 ng

RT: 7.16 min Scan# 736

Delta R.T. -0.00 min

Lab File: BG018645.D

Acq: 11 Sep 2015 18:48

Instrument :

BNA_G

ClientSampleId :

RINSATEBLANK

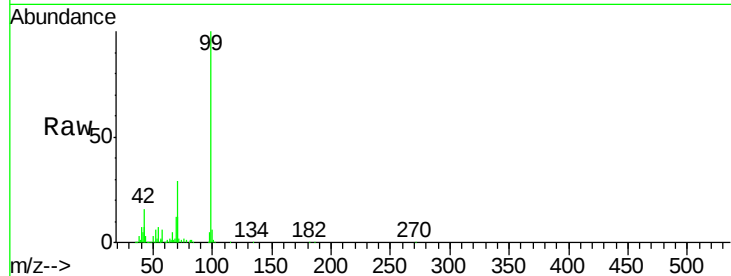
Tot Ion: 99 Resp: 160520

Ion Ratio Lower Upper

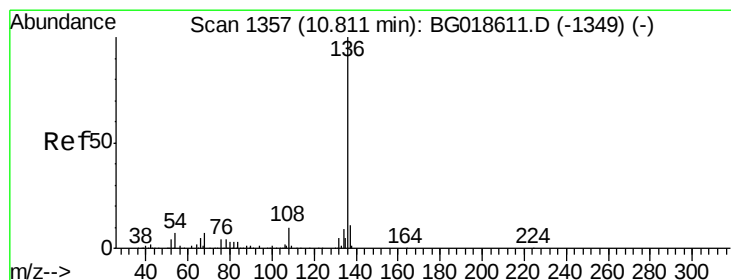
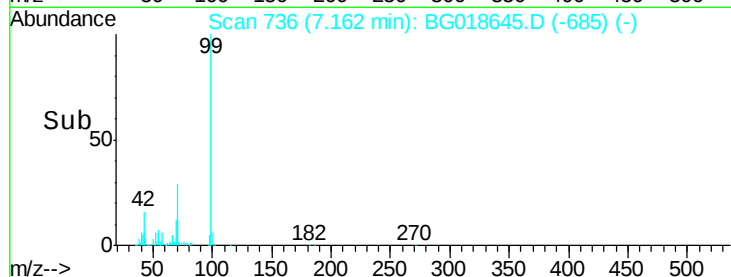
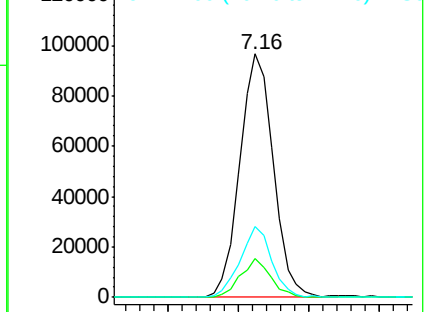
99 100

42 16.1 11.5 17.3

71 29.0 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.81 min Scan# 1357

Delta R.T. -0.00 min

Lab File: BG018645.D

Acq: 11 Sep 2015 18:48

Tgt Ion: 136 Resp: 229748

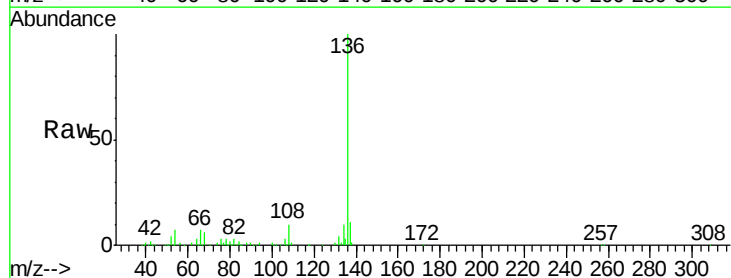
Ion Ratio Lower Upper

136 100

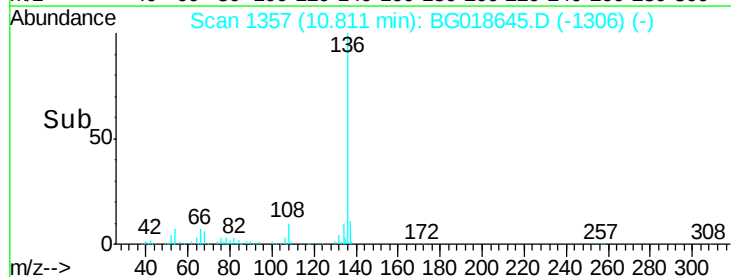
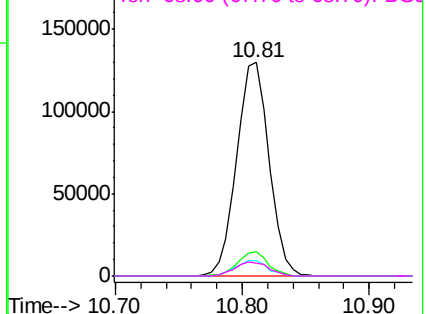
137 11.2 8.6 12.8

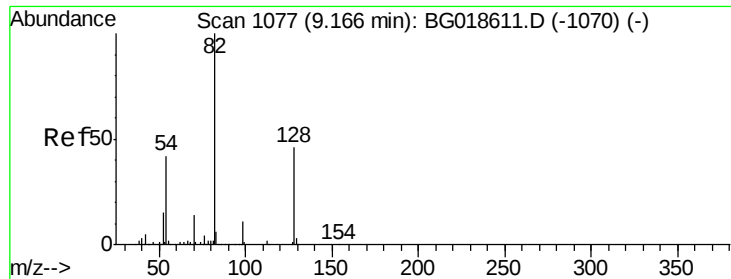
54 7.1 5.4 8.2

68 6.1 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

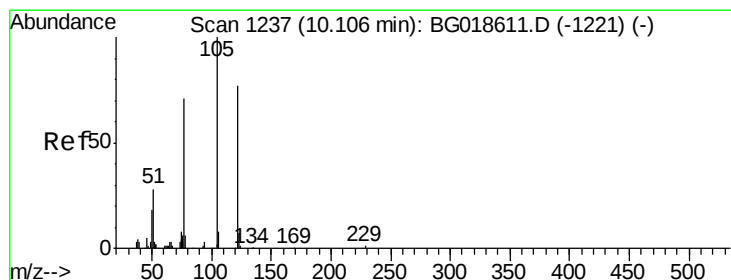
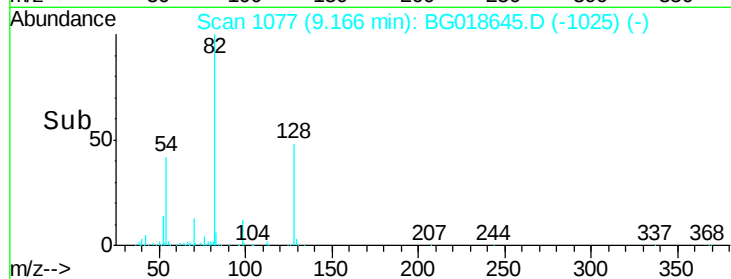
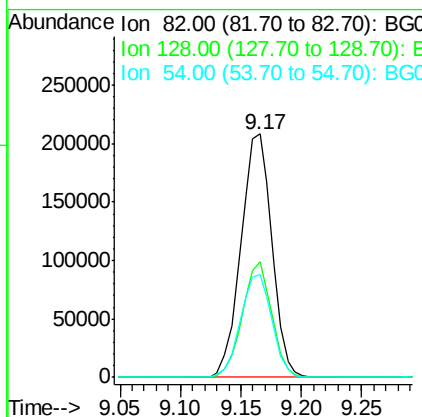
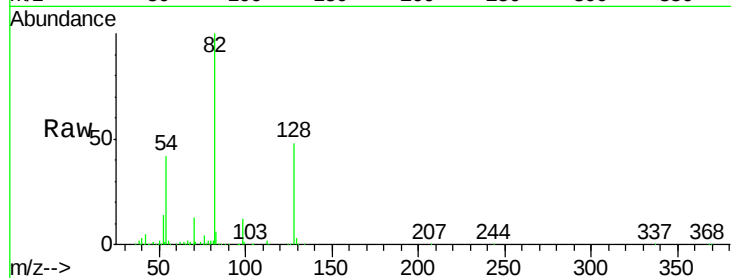




#23
Nitrobenzene-d5
Concen: 90.91 ng
RT: 9.17 min Scan# 1077
Delta R.T. 0.01 min
Lab File: BG018645.D
Acq: 11 Sep 2015 18:48

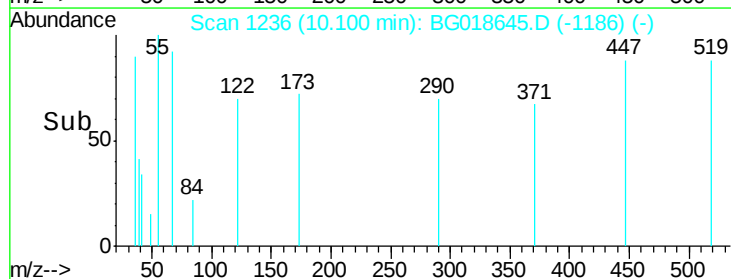
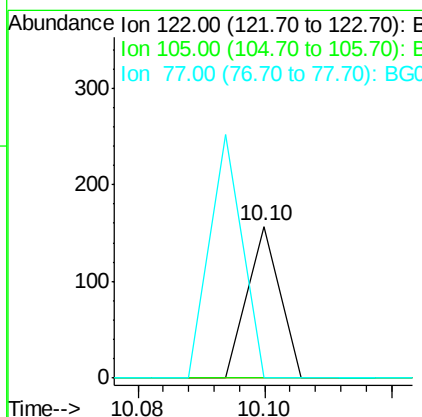
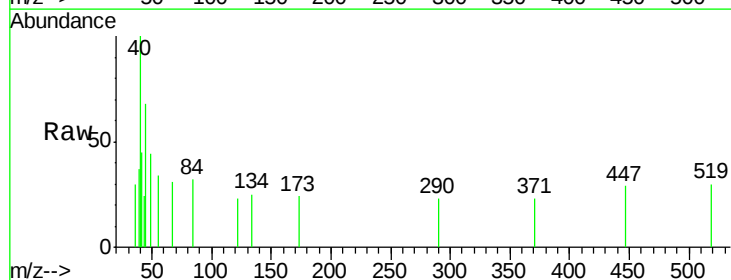
Instrument :
BNA_G
ClientSampleId :
RINSATEBLANK

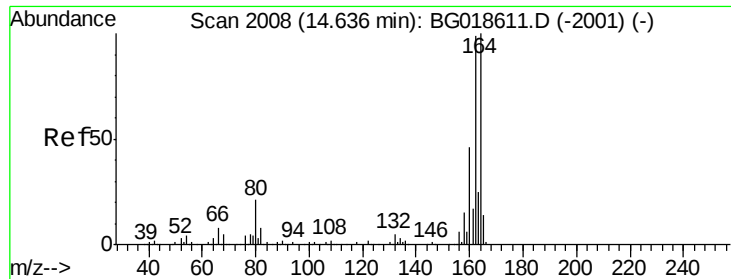
Tot Ion	82	Resp	373237
Ion	Ratio	Lower	Upper
82	100		
128	47.5	36.7	55.1
54	42.2	33.8	50.8



#32
Benzoic acid
Concen: 7.95 ng
RT: 10.10 min Scan# 1236
Delta R.T. -0.01 min
Lab File: BG018645.D
Acq: 11 Sep 2015 18:48

Tgt Ion	122	Resp	55
Ion	Ratio	Lower	Upper
122	100		
105	0.0	103.8	143.8#
77	0.0	68.8	108.8#

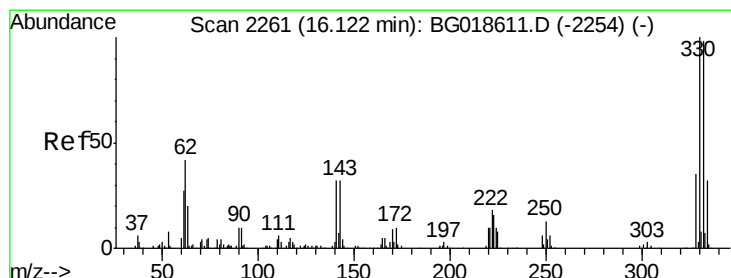
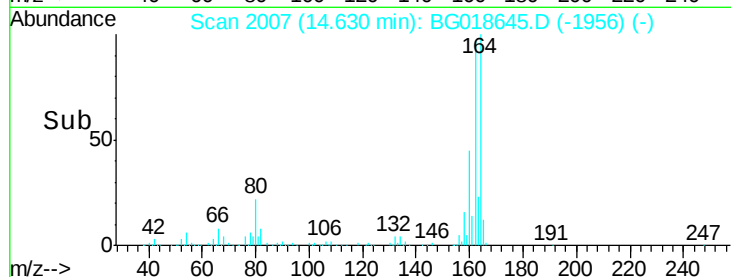
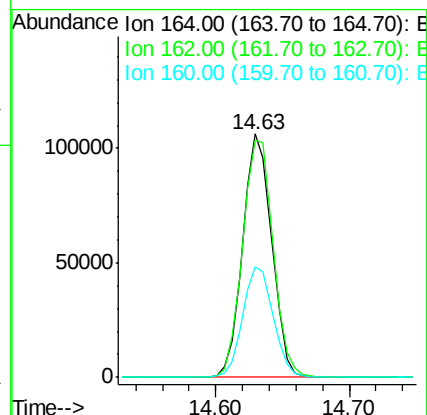
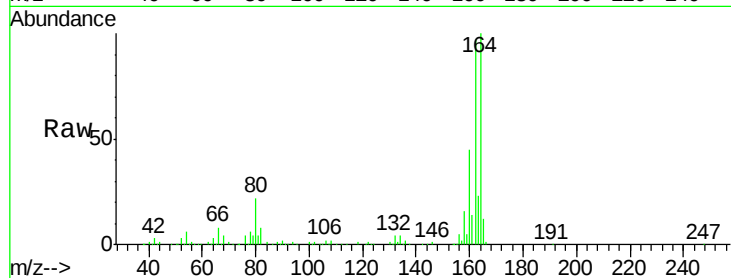




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.63 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BG018645.D
Acq: 11 Sep 2015 18:48

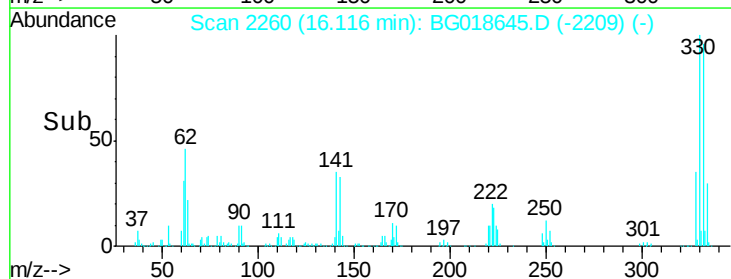
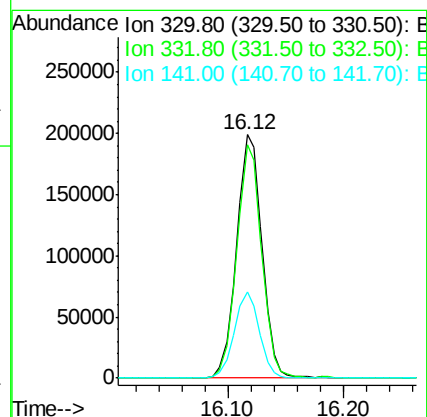
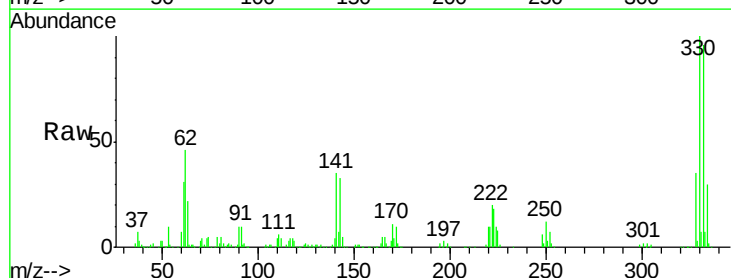
Instrument :
BNA_G
ClientSampleId :
RINSATEBLANK

Tot Ion:164 Resp: 158809
Ion Ratio Lower Upper
164 100
162 97.4 78.8 118.2
160 45.3 36.4 54.6



#41
2,4,6-Tribromophenol
Concen: 141.70 ng
RT: 16.12 min Scan# 2260
Delta R.T. -0.00 min
Lab File: BG018645.D
Acq: 11 Sep 2015 18:48

Tgt Ion:330 Resp: 302997
Ion Ratio Lower Upper
330 100
332 93.8 78.1 117.1
141 35.0 28.2 42.2

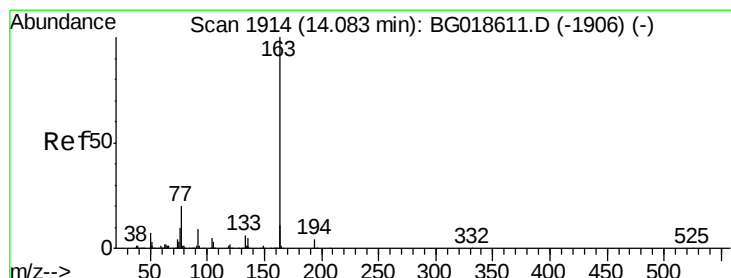
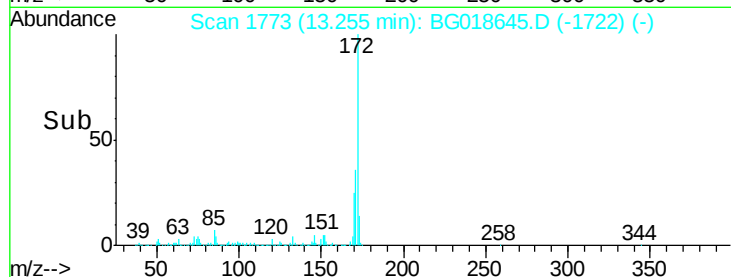
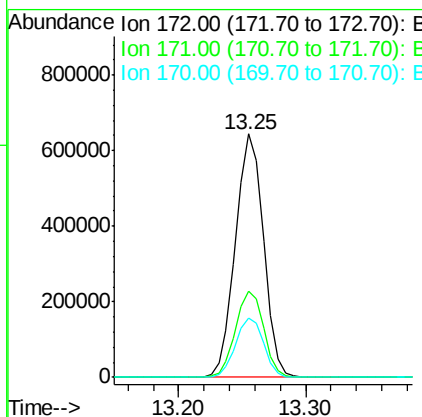
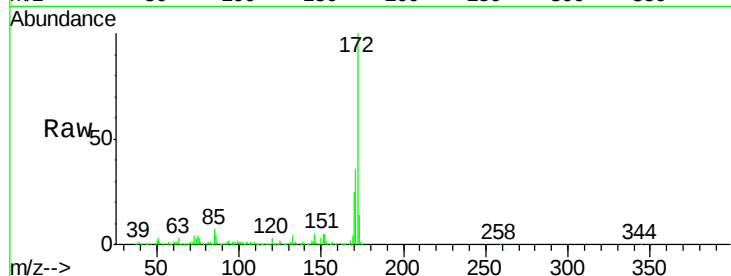




#44
2-Fluorobiphenyl
Concen: 86.10 ng
RT: 13.25 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BG018645.D
Acq: 11 Sep 2015 18:48

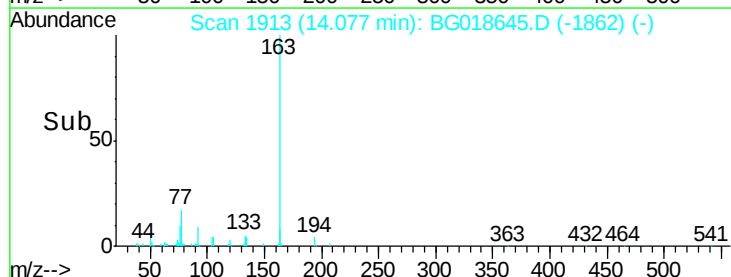
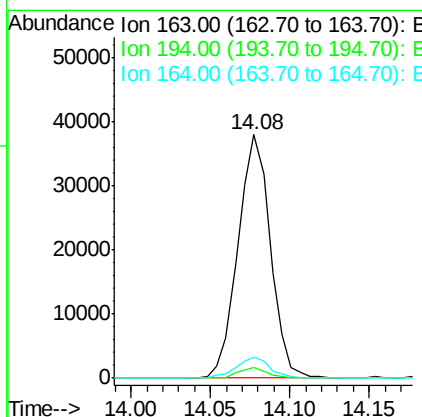
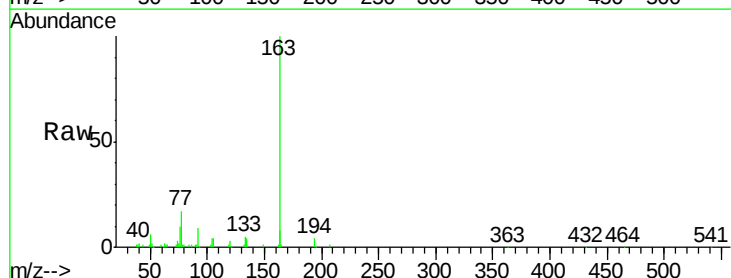
Instrument :
BNA_G
ClientSampleId :
RINSATEBLANK

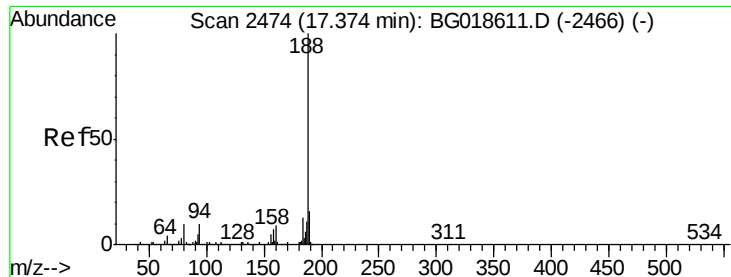
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.0	43.6
170	24.5	19.9	29.9



#49
Dimethylphthalate
Concen: 4.10 ng
RT: 14.08 min Scan# 1913
Delta R.T. -0.00 min
Lab File: BG018645.D
Acq: 11 Sep 2015 18:48

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.1	4.7
164	8.4	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: BG018645.D

Acq: 11 Sep 2015 18:48

Instrument :

BNA_G

ClientSampleId :

RINSATEBLANK

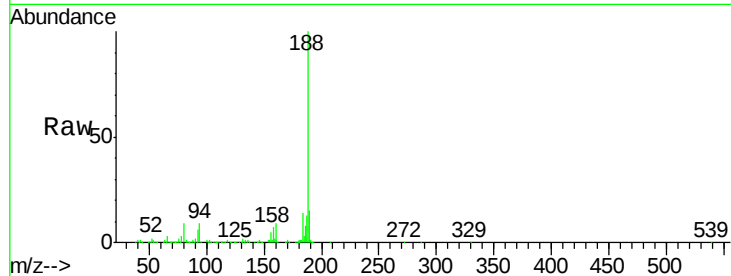
Tot Ion:188 Resp: 442042

Ion Ratio Lower Upper

188 100

94 9.3 7.7 11.5

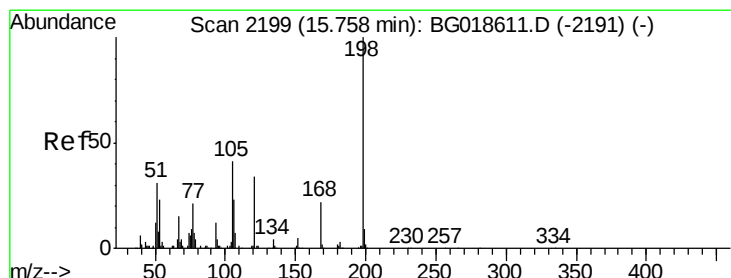
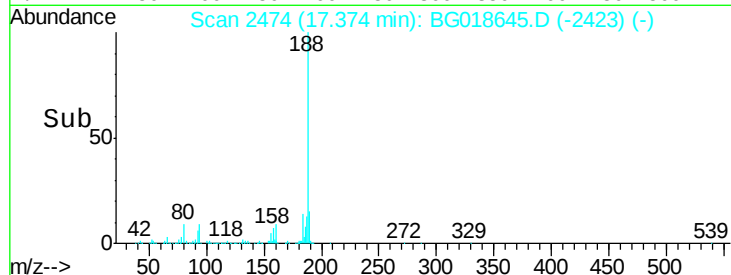
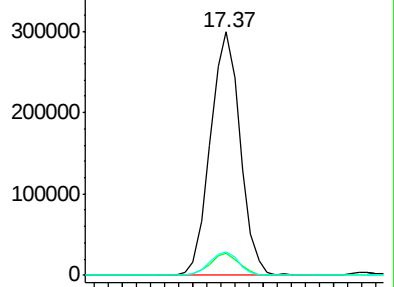
80 9.5 7.8 11.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#64

4,6-Dinitro-2-methylphenol

Concen: 5.42 ng

RT: 15.58 min Scan# 2168

Delta R.T. -0.18 min

Lab File: BG018645.D

Acq: 11 Sep 2015 18:48

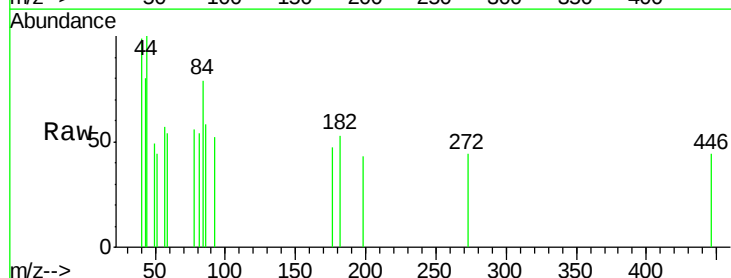
Tgt Ion:198 Resp: 56

Ion Ratio Lower Upper

198 100

51 101.9 14.2 54.2#

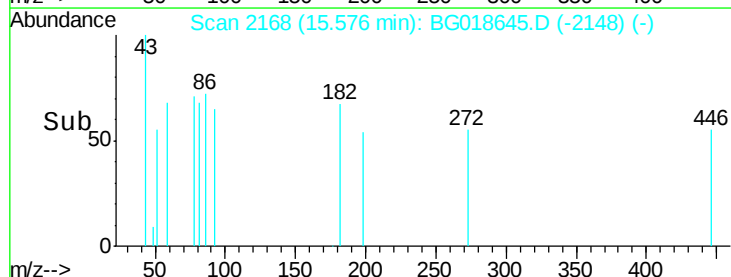
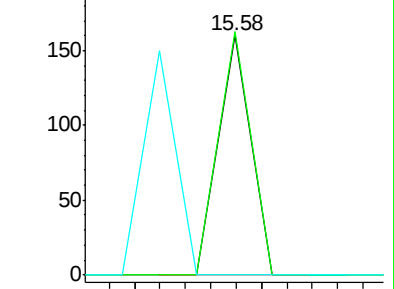
105 0.0 21.1 61.1#

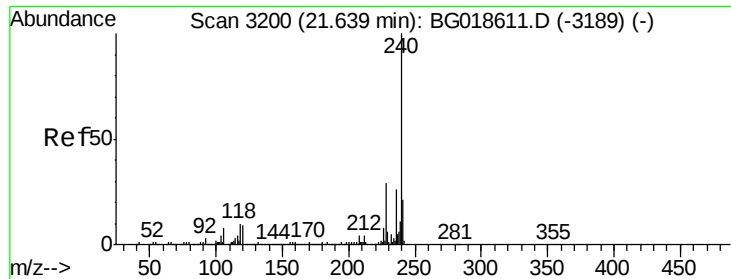


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 21.63 min Scan# 3199

Delta R.T. -0.00 min

Lab File: BG018645.D

Acq: 11 Sep 2015 18:48

Instrument :

BNA_G

ClientSampleId :

RINSATEBLANK

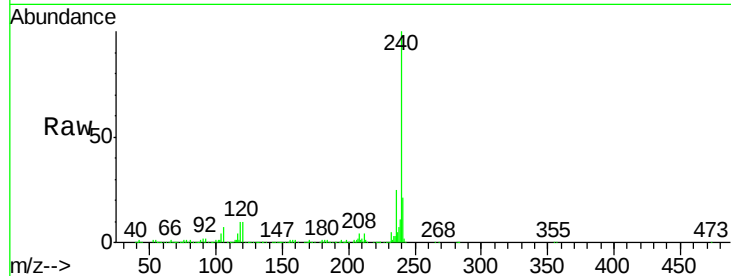
Tot Ion:240 Resp: 487815

Ion Ratio Lower Upper

240 100

120 9.8 7.4 11.0

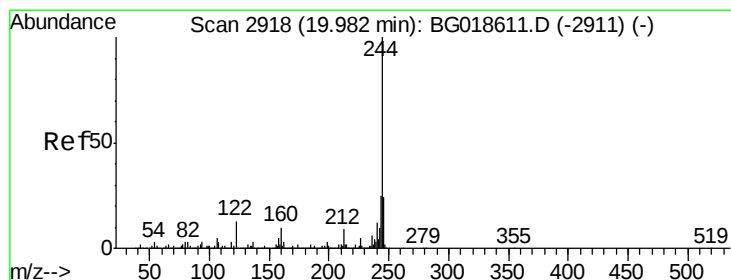
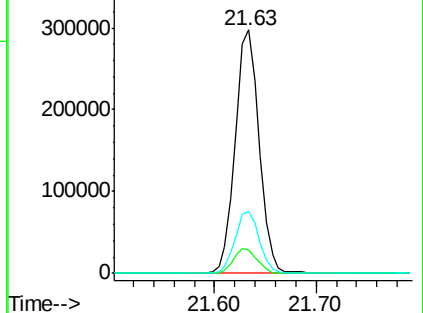
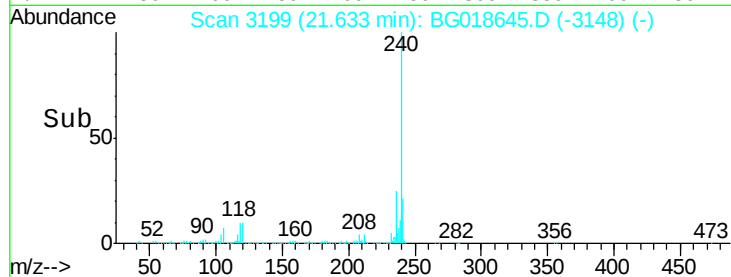
236 25.4 20.7 31.1



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: 88.63 ng

RT: 19.98 min Scan# 2918

Delta R.T. -0.00 min

Lab File: BG018645.D

Acq: 11 Sep 2015 18:48

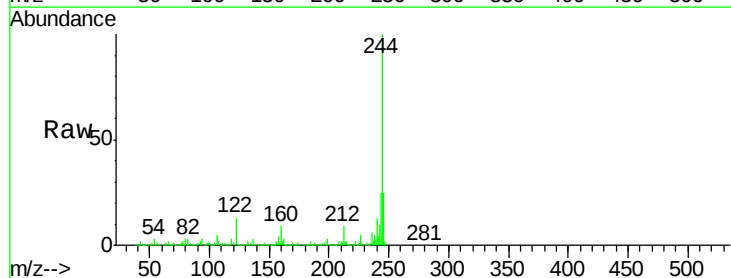
Tgt Ion:244 Resp: 1646368

Ion Ratio Lower Upper

244 100

212 9.0 6.9 10.3

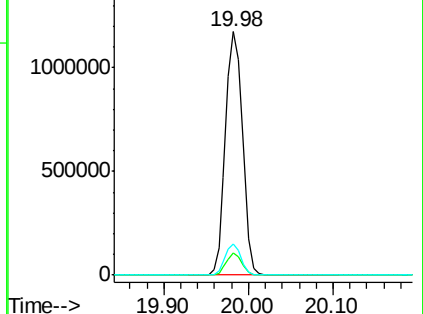
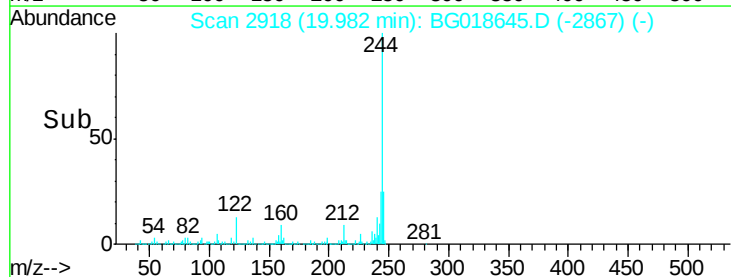
122 12.7 10.2 15.2

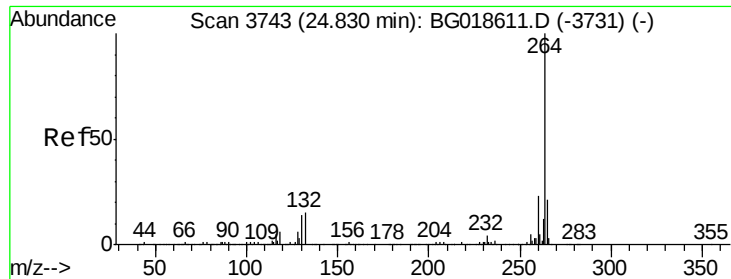


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3741
 Delta R.T. -0.01 min
 Lab File: BG018645.D
 Acq: 11 Sep 2015 18:48

Instrument :
 BNA_G
 ClientSampleId :
 RINSATEBLANK

Tot Ion:264 Resp: 477379
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.5 27.7
 265 21.8 17.2 25.8

