

Data Path : Z:\HPCHEM1\BNA G\Data\BG050815\New Folder\
 Data File : BG017021.D
 Acq On : 10 May 2015 12:00
 Operator : TP/IZ
 Sample : G2152-12
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TU012-SB-20-7.5

Quant Time: May 11 17:13:04 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 05 16:13:58 2015
 Response via : Initial Calibration

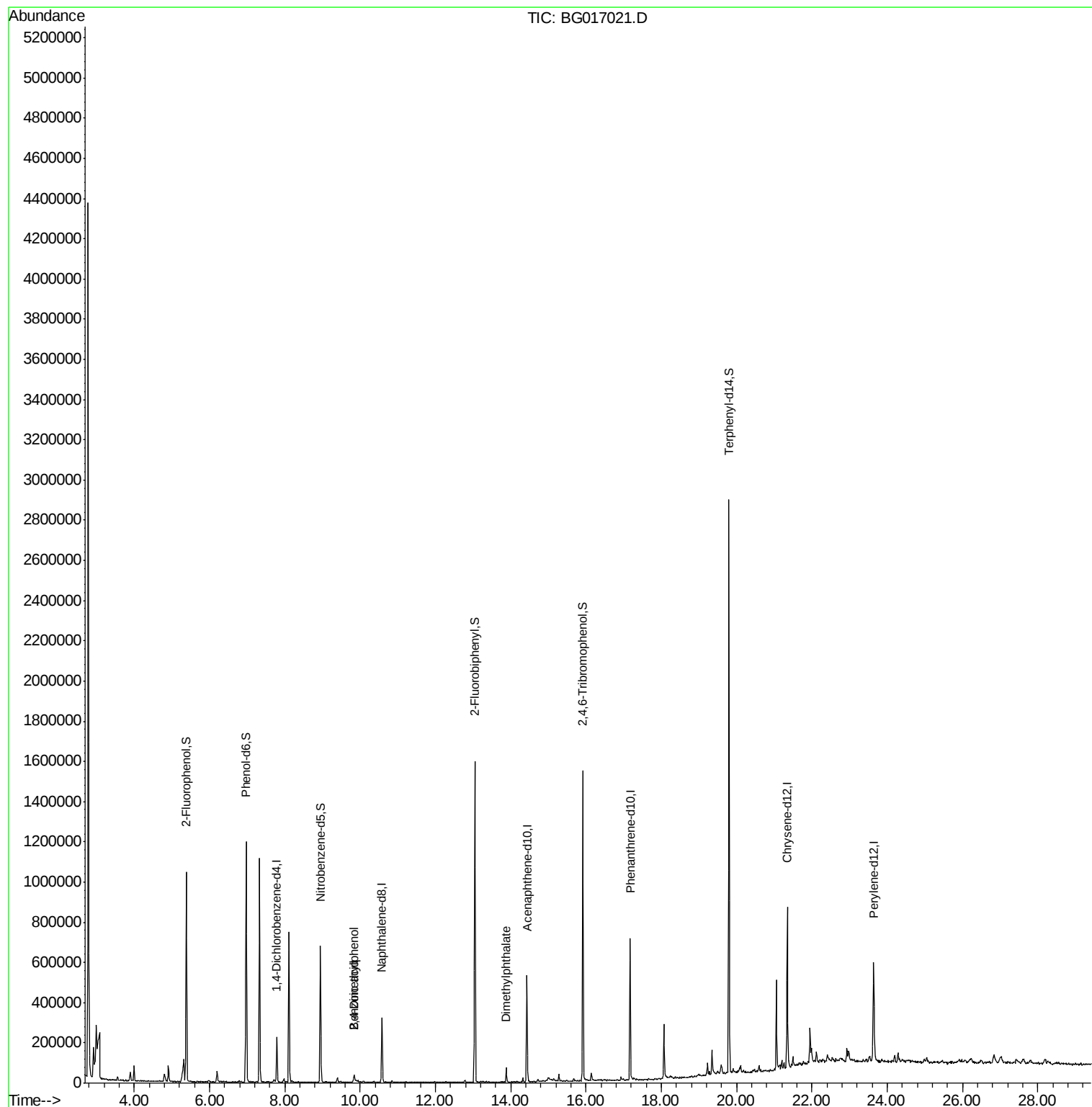
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	52814	20.00	ng	-0.02
21) Naphthalene-d8	10.58	136	241865	20.00	ng	-0.02
38) Acenaphthene-d10	14.43	164	165527	20.00	ng	-0.02
63) Phenanthrene-d10	17.17	188	366785	20.00	ng	-0.02
75) Chrysene-d12	21.35	240	352092	20.00	ng	-0.02
86) Perylene-d12	23.64	264	348686	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	380241	125.36	ng	0.00
7) Phenol-d6	6.97	99	552815	127.57	ng	0.00
23) Nitrobenzene-d5	8.94	82	365222	73.77	ng	-0.02
41) 2,4,6-Tribromophenol	15.92	330	219318	131.98	ng	-0.02
44) 2-Fluorobiphenyl	13.05	172	742744	67.71	ng	-0.02
78) Terphenyl-d14	19.80	244	1067736	71.09	ng	-0.02
Target Compounds						Qvalue
27) 2,4-Dimethylphenol	9.84	122	17433	4.73	ng	# 1
32) Benzoic acid	9.84	122	17433	10.54	ng	91
49) Dimethylphthalate	13.88	163	36985	2.99	ng	# 96

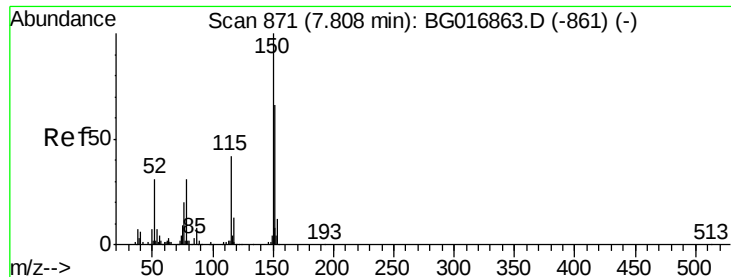
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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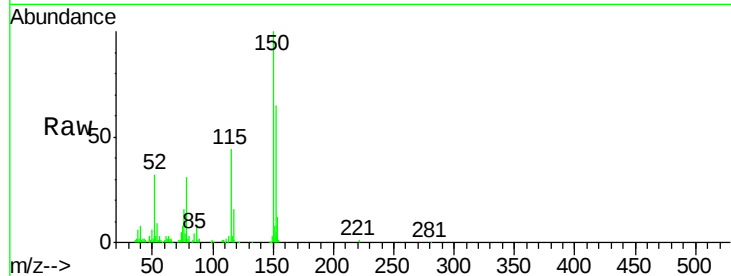


#1

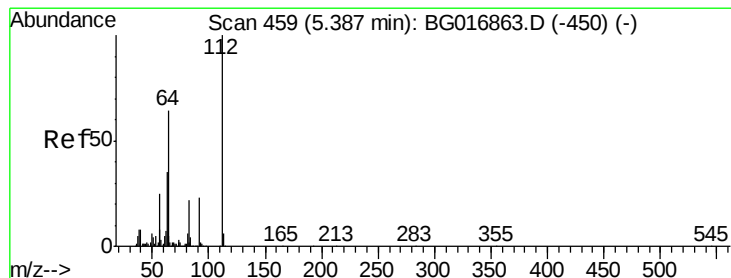
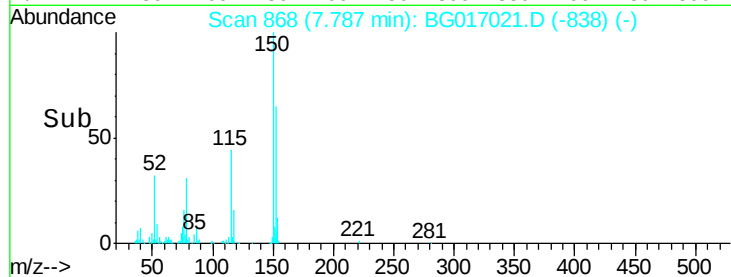
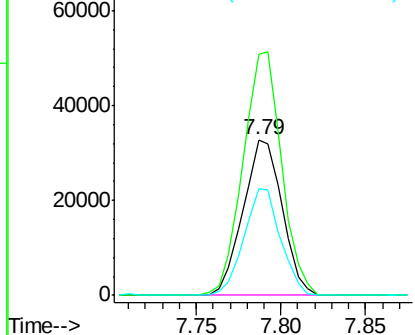
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.79 min Scan# 868
Delta R.T. -0.02 min
Lab File: BG017021.D
Acq: 10 May 2015 12:00

Instrument :
BNA_G
ClientSampleId :
TU012-SB-20-7.5

Tot Ion:152 Resp: 52814
Ion Ratio Lower Upper
152 100
150 154.6 121.0 181.4
115 68.5 50.5 75.7



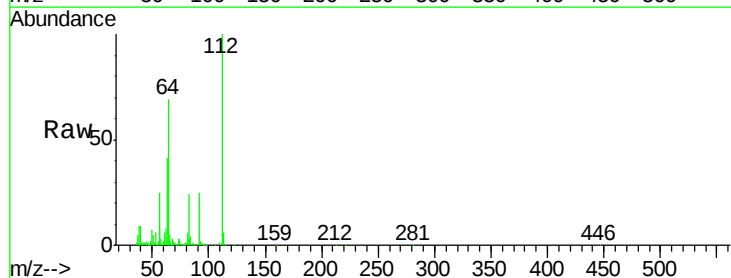
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



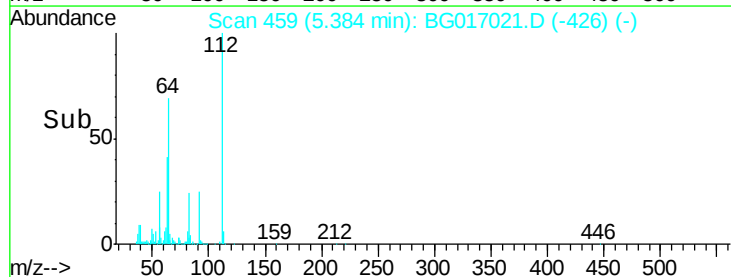
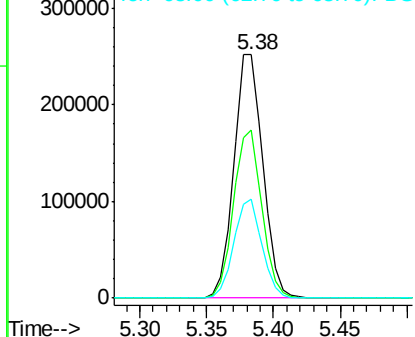
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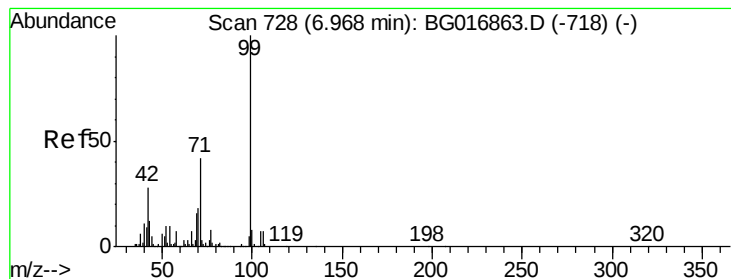
2-Fluorophenol
Concen: 125.36 ng
RT: 5.38 min Scan# 459
Delta R.T. -0.00 min
Lab File: BG017021.D
Acq: 10 May 2015 12:00

Tgt Ion:112 Resp: 380241
Ion Ratio Lower Upper
112 100
64 69.2 51.4 77.2
63 40.6 28.1 42.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 127.57 ng

RT: 6.97 min Scan# 729

Delta R.T. 0.00 min

Lab File: BG017021.D

Acq: 10 May 2015 12:00

Instrument :

BNA_G

ClientSampleId :

TU012-SB-20-7.5

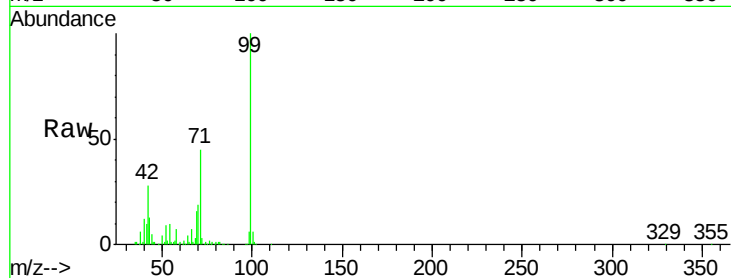
Tot Ion: 99 Resp: 552815

Ion Ratio Lower Upper

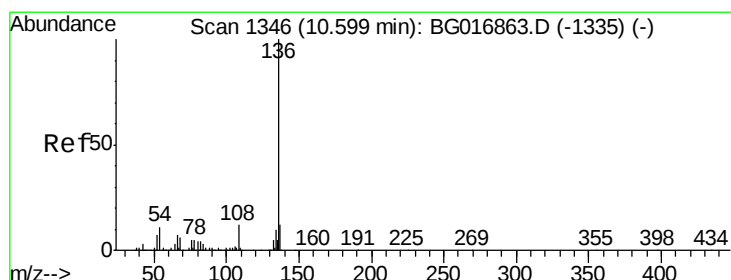
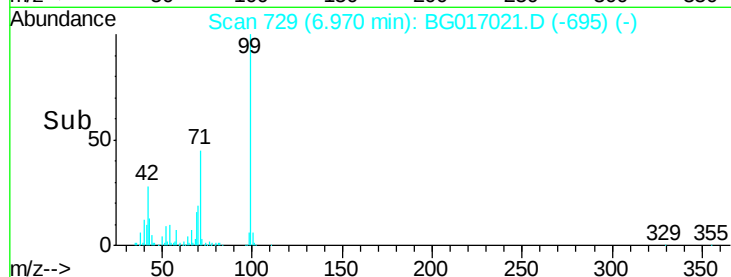
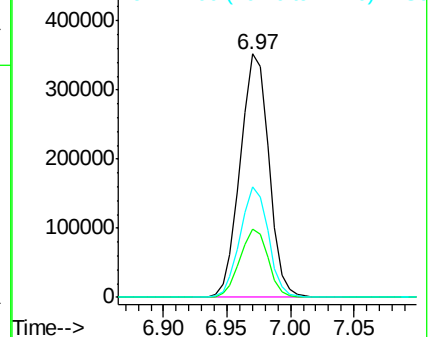
99 100

42 28.0 22.1 33.1

71 45.2 33.4 50.0



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: 10.58 min Scan# 1343

Delta R.T. -0.02 min

Lab File: BG017021.D

Acq: 10 May 2015 12:00

Tgt Ion: 136 Resp: 241865

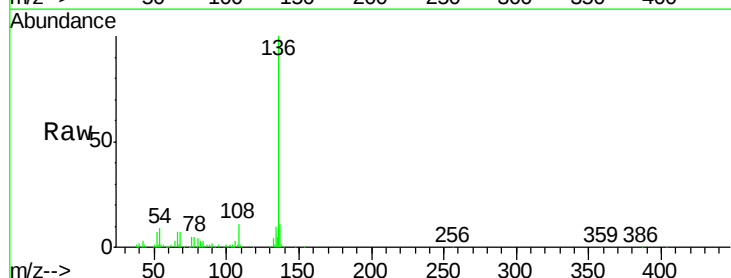
Ion Ratio Lower Upper

136 100

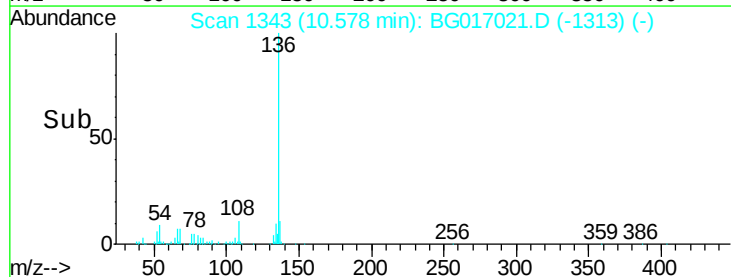
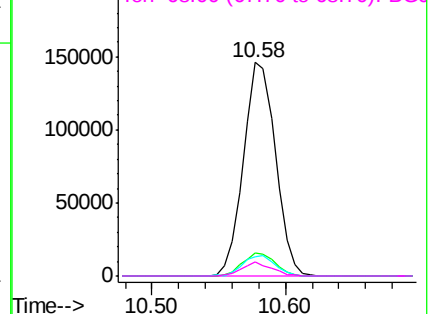
137 10.6 9.8 14.8

54 9.1 8.7 13.1

68 6.5 5.0 7.4



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

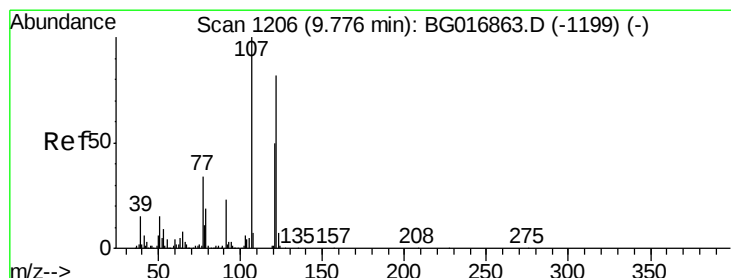
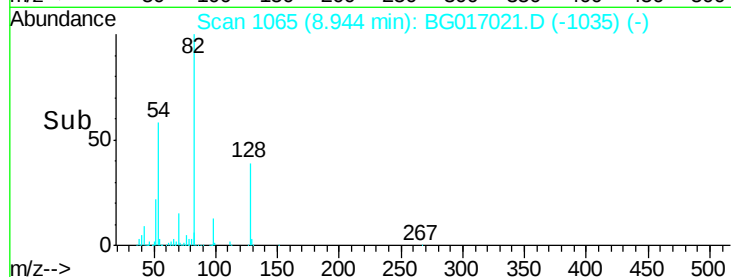
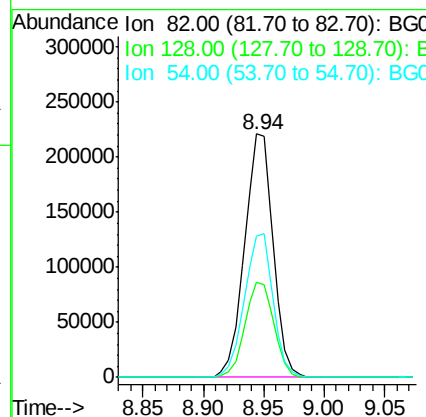
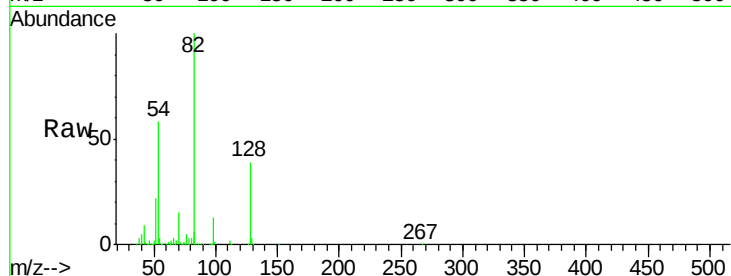




#23
 Nitrobenzene-d5
 Concen: 73.77 ng
 RT: 8.94 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BG017021.D
 Acq: 10 May 2015 12:00

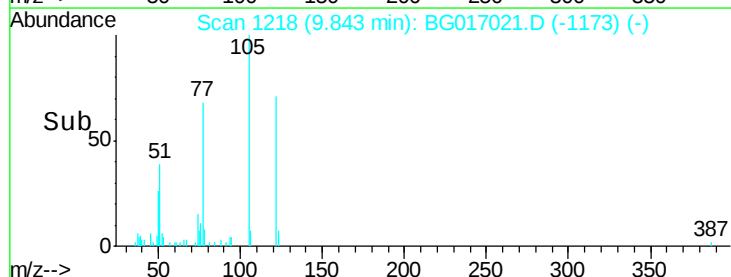
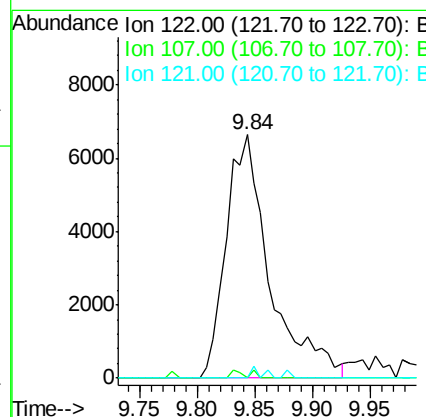
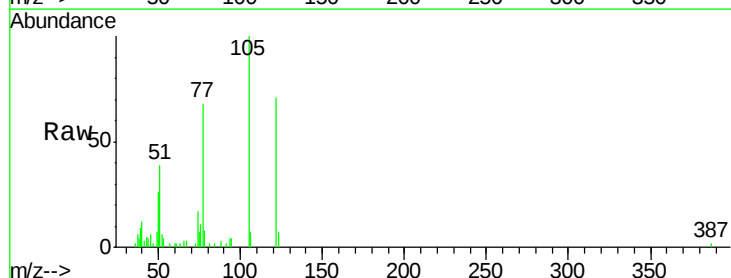
Instrument :
 BNA_G
 ClientSampleId :
 TU012-SB-20-7.5

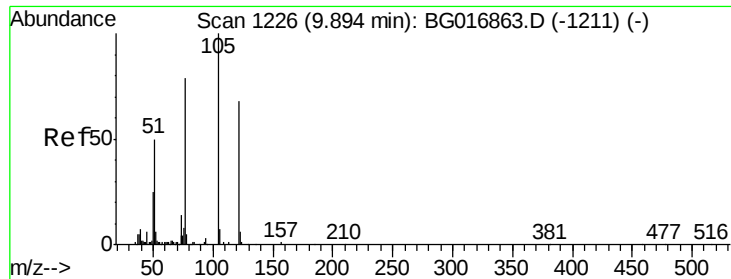
Tot Ion	Ratio	Lower	Upper
82	100		
128	39.3	33.2	49.8
54	58.2	48.6	72.8



#27
 2,4-Dimethylphenol
 Concen: 4.73 ng
 RT: 9.84 min Scan# 1218
 Delta R.T. 0.07 min
 Lab File: BG017021.D
 Acq: 10 May 2015 12:00

Tgt Ion	Ratio	Lower	Upper
122	100		
107	0.0	97.6	146.4#
121	0.0	48.4	72.6#

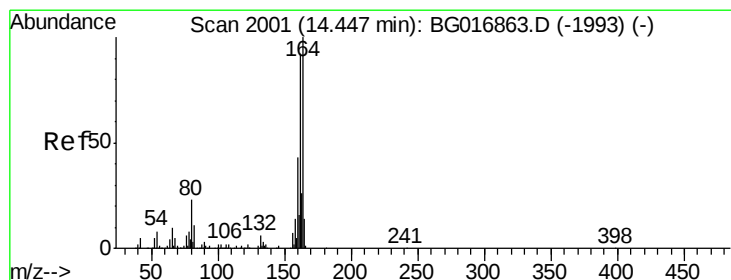
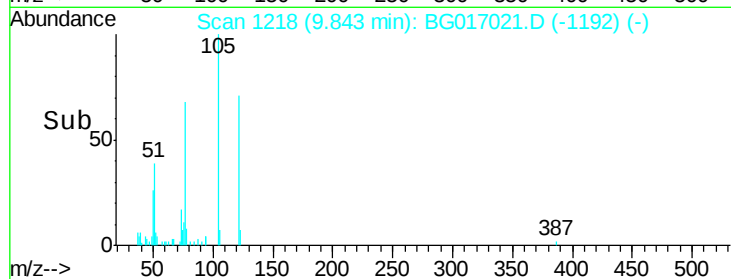
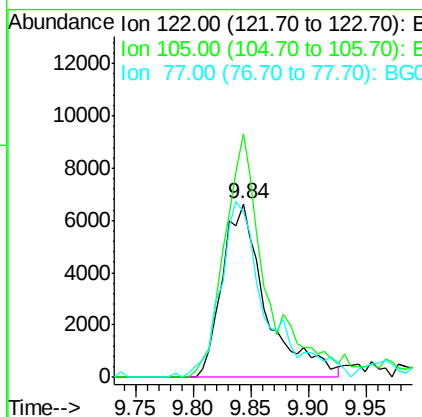
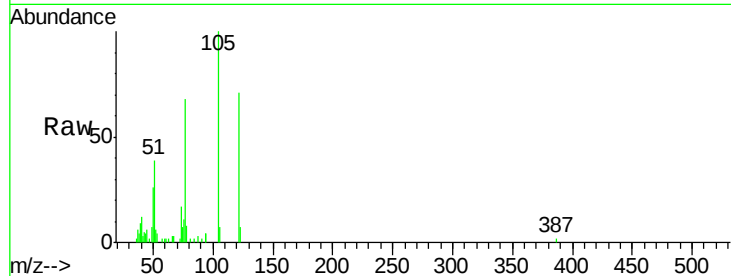




#32
Benzoic acid
Concen: 10.54 ng
RT: 9.84 min Scan# 1218
Delta R.T. -0.05 min
Lab File: BG017021.D
Acq: 10 May 2015 12:00

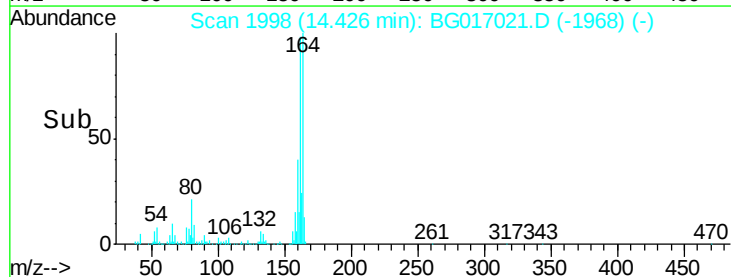
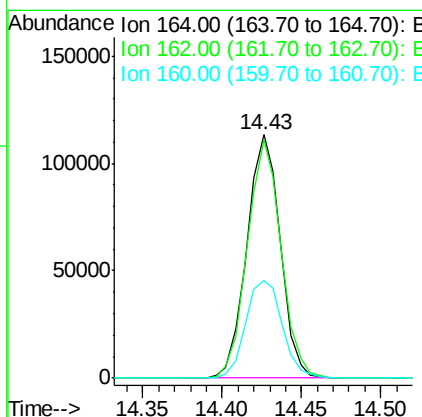
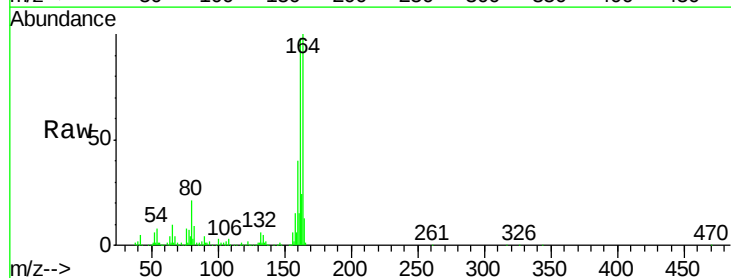
Instrument :
BNA_G
ClientSampleId :
TU012-SB-20-7.5

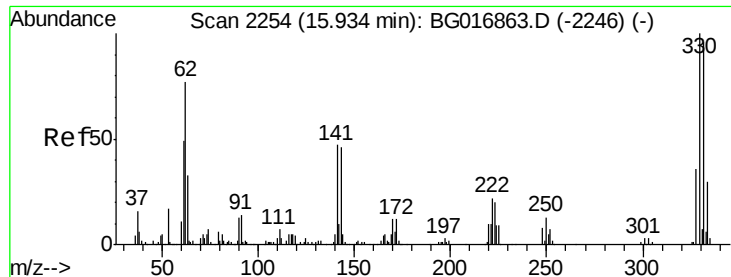
Tot Ion	Ratio	Lower	Upper
122	100		
105	140.2	123.2	163.2
77	95.5	93.0	133.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.43 min Scan# 1998
Delta R.T. -0.02 min
Lab File: BG017021.D
Acq: 10 May 2015 12:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.9	74.0	111.0
160	40.3	34.7	52.1

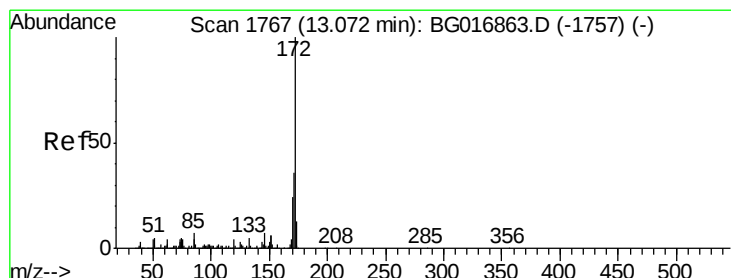
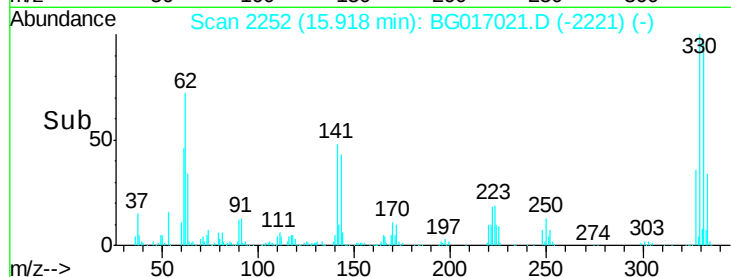
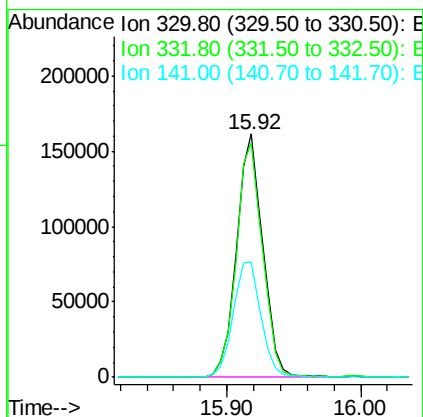
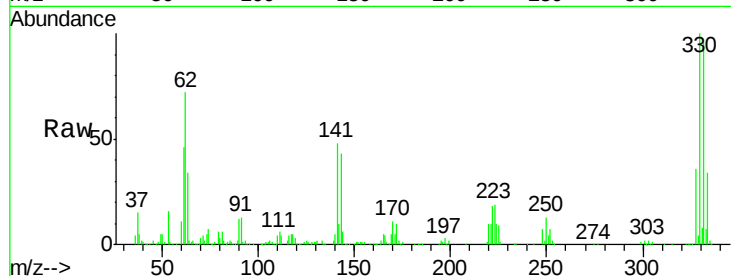




#41
 2,4,6-Tribromophenol
 Concen: 131.98 ng
 RT: 15.92 min Scan# 2252
 Delta R.T. -0.02 min
 Lab File: BG017021.D
 Acq: 10 May 2015 12:00

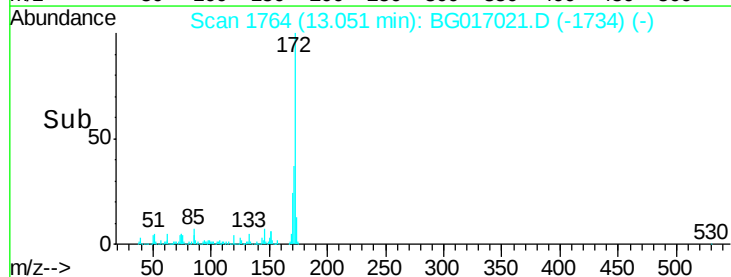
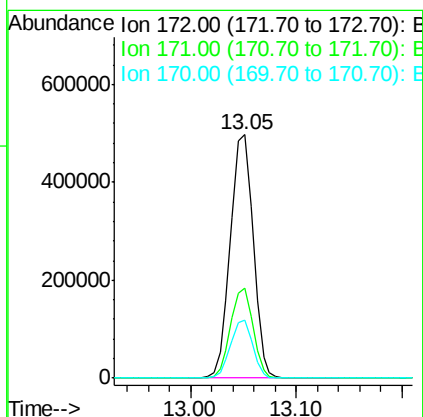
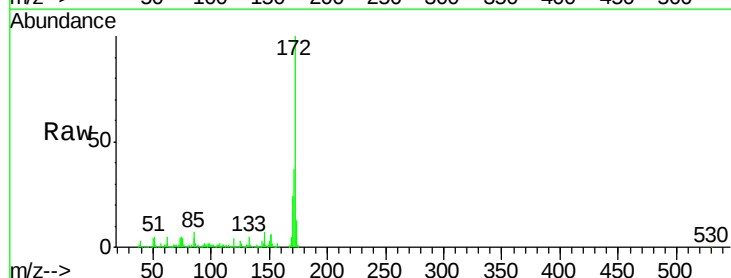
Instrument :
 BNA_G
 ClientSampleId :
 TU012-SB-20-7.5

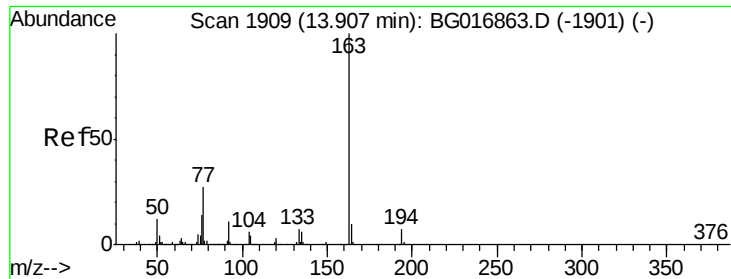
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	0.0	0.0#
141	50.8	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 67.71 ng
 RT: 13.05 min Scan# 1764
 Delta R.T. -0.02 min
 Lab File: BG017021.D
 Acq: 10 May 2015 12:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.0	43.4
170	23.9	19.0	28.4

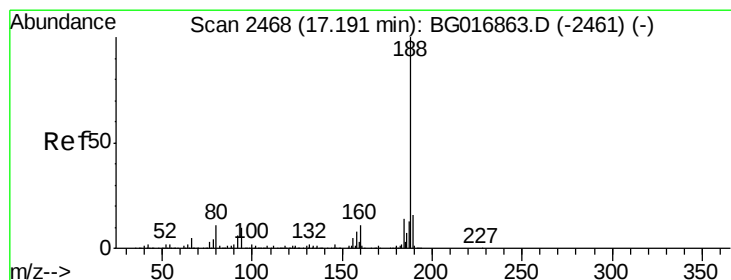
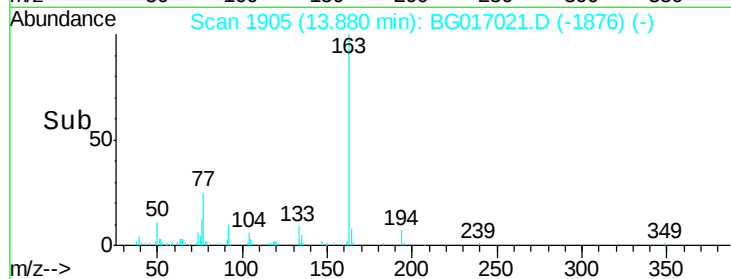
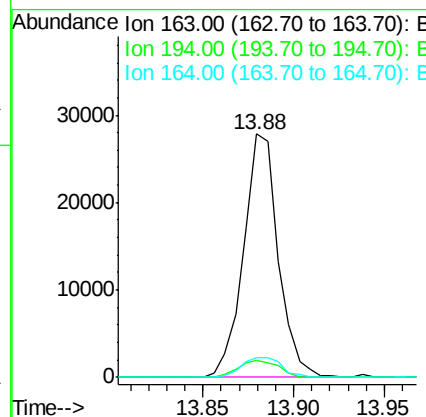
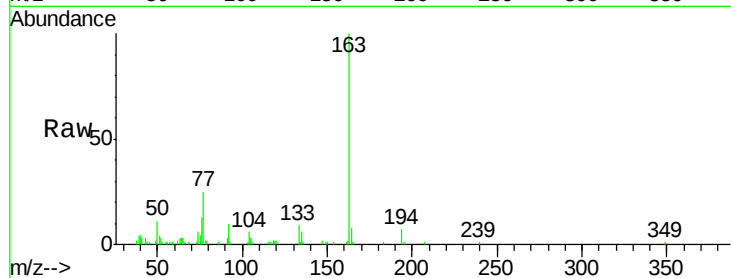




#49
Dimethylphthalate
Concen: 2.99 ng
RT: 13.88 min Scan# 1905
Delta R.T. -0.03 min
Lab File: BG017021.D
Acq: 10 May 2015 12:00

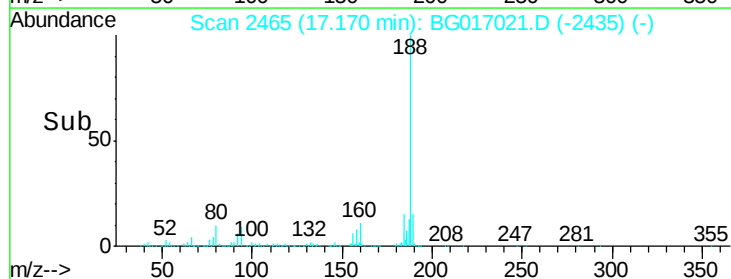
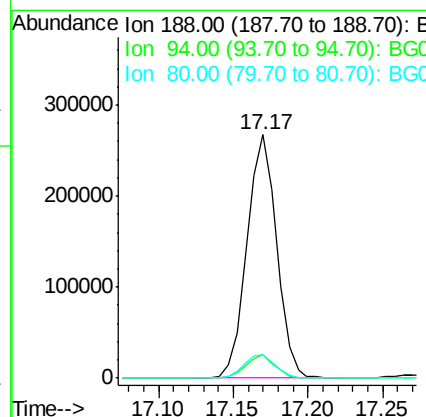
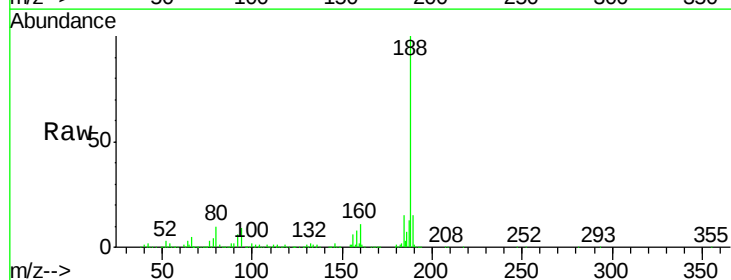
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BNA_G
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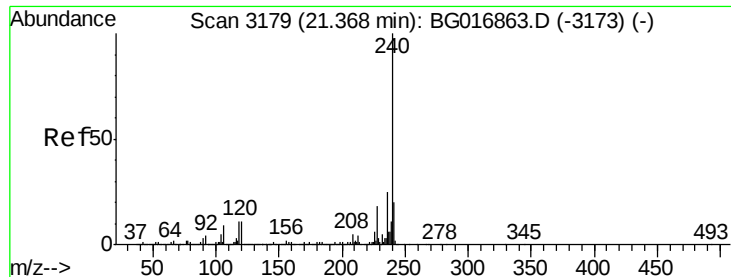
Tot Ion	Ratio	Lower	Upper
163	100		
194	7.0	5.2	7.8
164	8.1	8.4	12.6#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.17 min Scan# 2465
Delta R.T. -0.02 min
Lab File: BG017021.D
Acq: 10 May 2015 12:00

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.2	12.4
80	9.9	8.8	13.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.35 min Scan# 3176

Delta R.T. -0.02 min

Lab File: BG017021.D

Acq: 10 May 2015 12:00

Instrument :

BNA_G

ClientSampleId :

TU012-SB-20-7.5

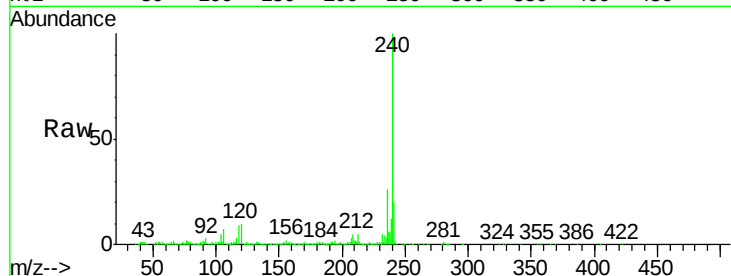
Tot Ion:240 Resp: 352092

Ion Ratio Lower Upper

240 100

120 10.0 9.1 13.7

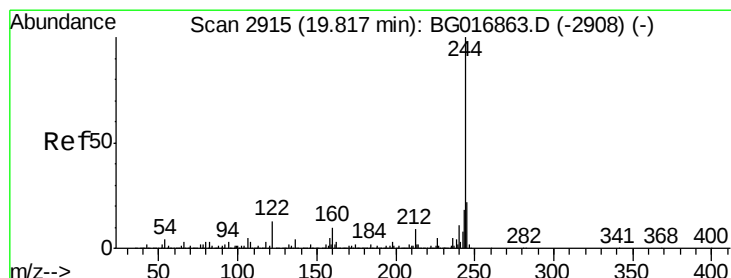
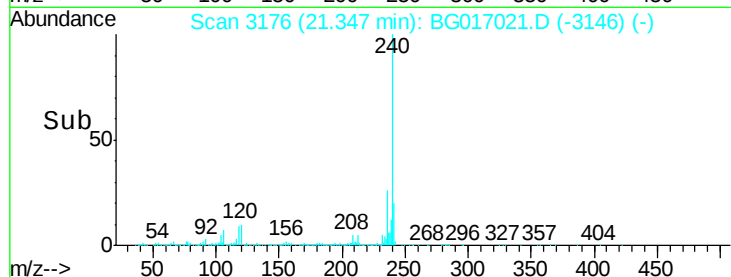
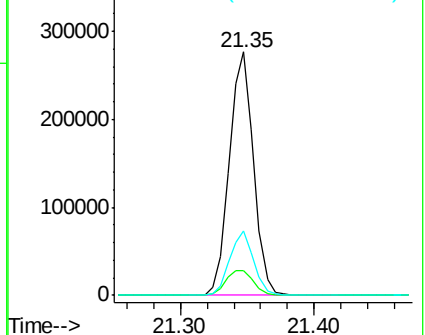
236 26.4 20.2 30.4



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: 71.09 ng

RT: 19.80 min Scan# 2912

Delta R.T. -0.02 min

Lab File: BG017021.D

Acq: 10 May 2015 12:00

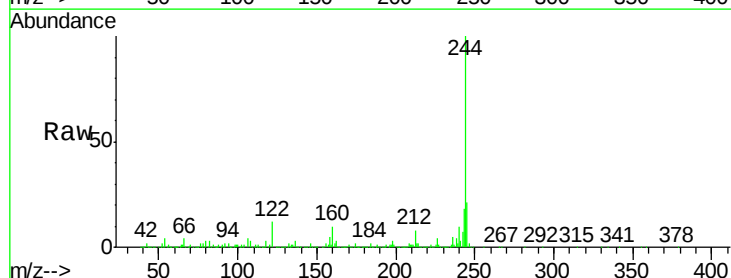
Tgt Ion:244 Resp: 1067736

Ion Ratio Lower Upper

244 100

212 8.3 7.0 10.6

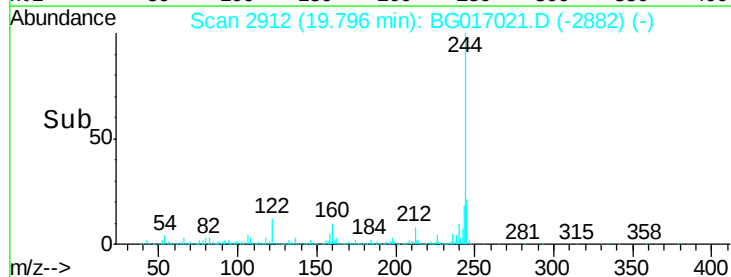
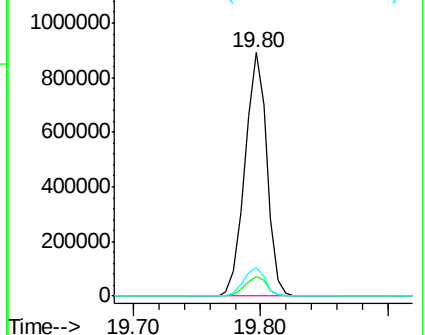
122 11.9 10.4 15.6

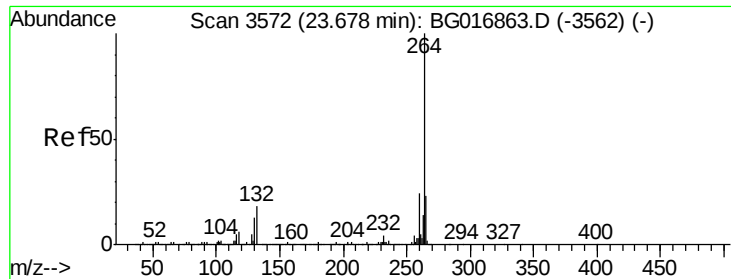


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

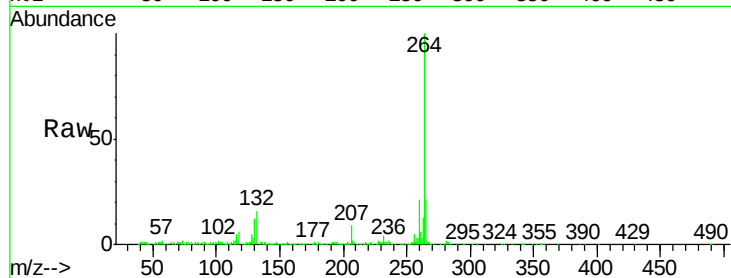




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 23.64 min Scan# 3567
 Delta R.T. -0.03 min
 Lab File: BG017021.D
 Acq: 10 May 2015 12:00

Instrument :
 BNA_G
 ClientSampleId :
 TU012-SB-20-7.5

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.0	19.5	29.3
265	20.6	18.5	27.7



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

