

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF032318\
 Data File : BF103884.D
 Acq On : 23 Mar 2018 17:00
 Operator : JU/SJ
 Sample : J1748-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 23 18:13:46 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration

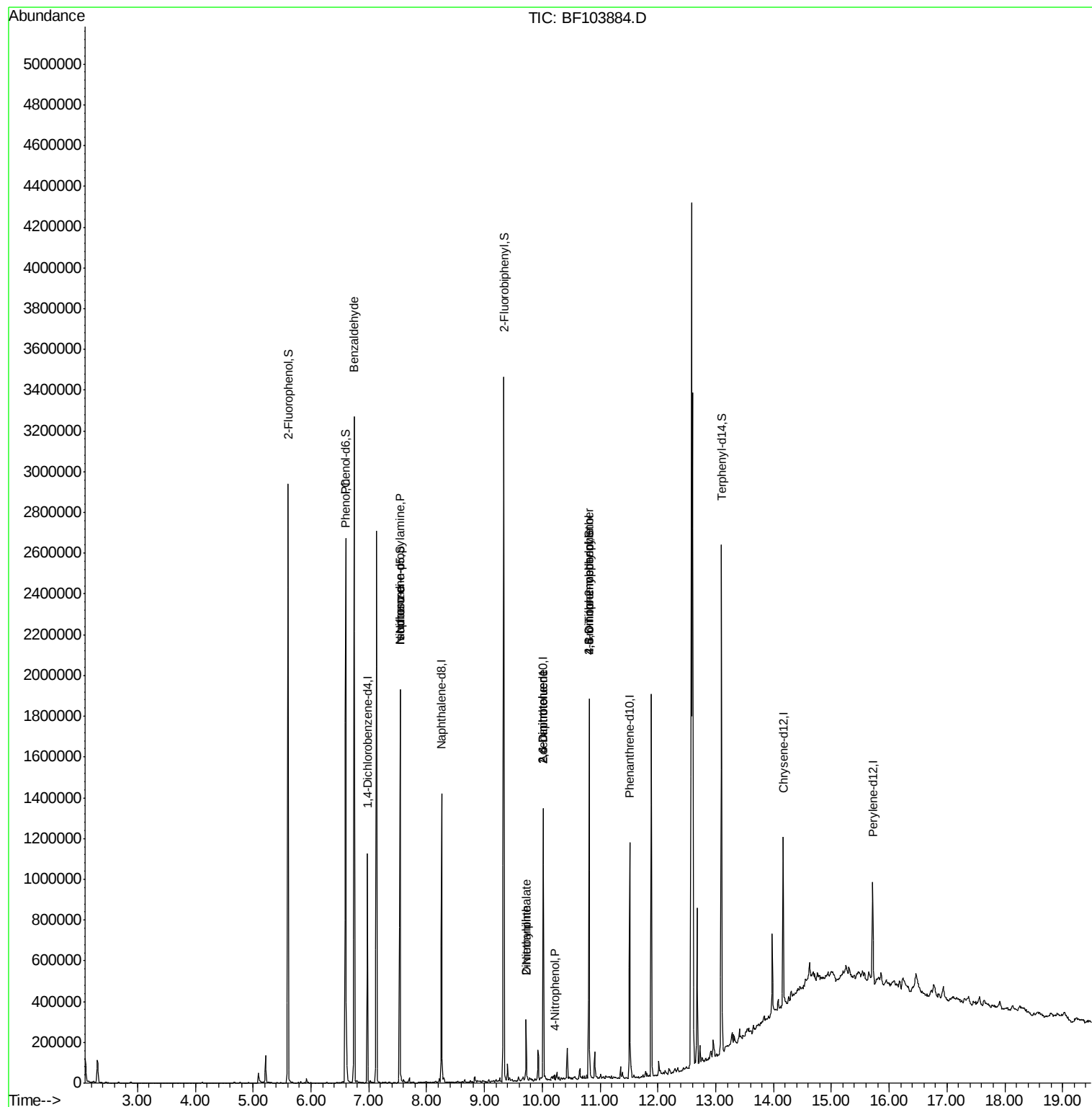
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	151339	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	590025	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	253253	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	391404	20.00	ng	0.00
75) Chrysene-d12	14.17	240	283486	20.00	ng	0.00
86) Perylene-d12	15.72	264	227210	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	897678	90.22	ng	0.01
7) Phenol-d6	6.60	99	1114641	91.57	ng	0.00
23) Nitrobenzene-d5	7.54	82	627023	74.11	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	228066	104.74	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1075420	67.74	ng	0.00
78) Terphenyl-d14	13.10	244	811688	66.46	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.75	77	19263	2.409	ng	83
10) Phenol	6.61	94	28473	2.201	ng	96
19) n-Nitroso-di-n-propylamine	7.54	70	82733	10.605	ng	# 71
25) Isophorone	7.54	82	627013	32.013	ng	# 64
47) 2-Nitroaniline	9.72	65	914	6.993	ng	# 1
49) Dimethylphthalate	9.72	163	97633	5.053	ng	98
50) 2,6-Dinitrotoluene	10.02	165	32423	11.938	ng	# 25
55) 4-Nitrophenol	10.22	139	880	5.203	ng	# 31
56) 2,4-Dinitrotoluene	10.02	165	32423	12.174	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.81	198	402	8.424	ng	# 1
66) 4-Bromophenyl-phenylether	10.81	248	13903	3.460	ng	# 1

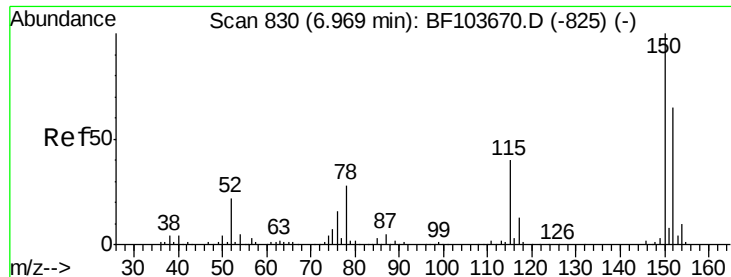
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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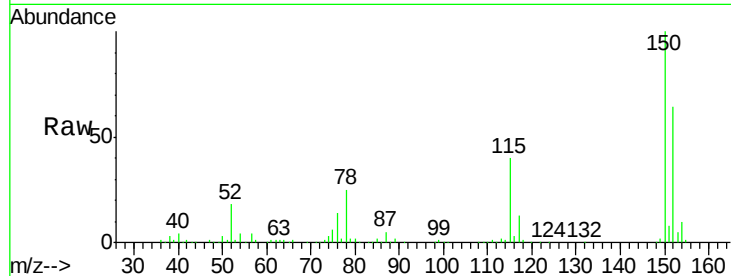


#1

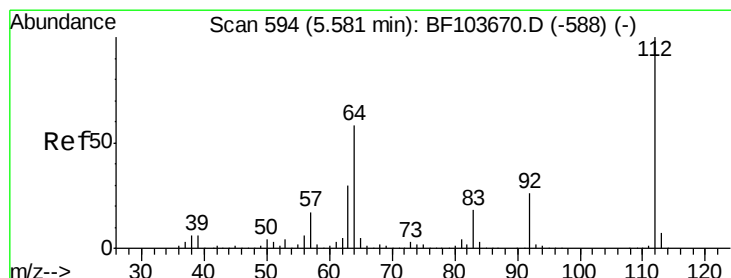
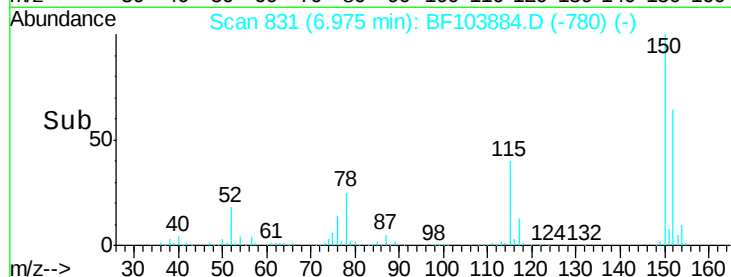
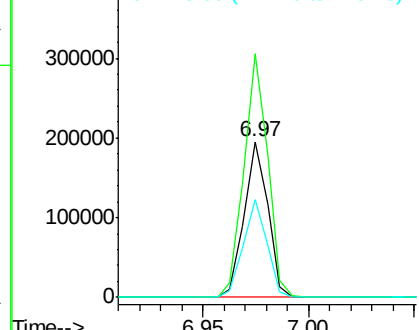
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF103884.D
Acq: 23 Mar 2018 17:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 151339
Ion Ratio Lower Upper
152 100
150 156.4 124.6 186.8
115 62.9 50.1 75.1



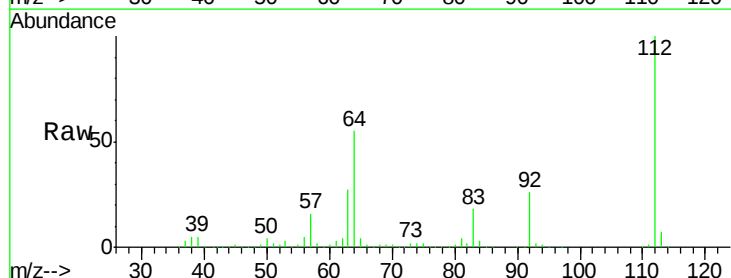
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



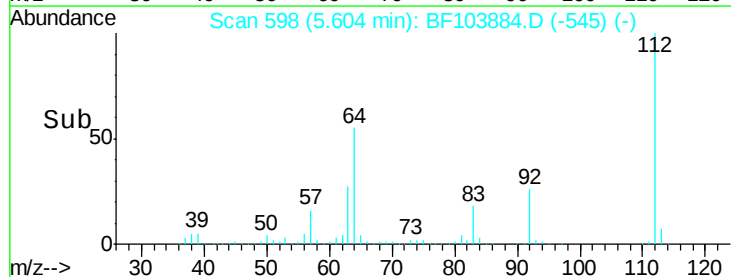
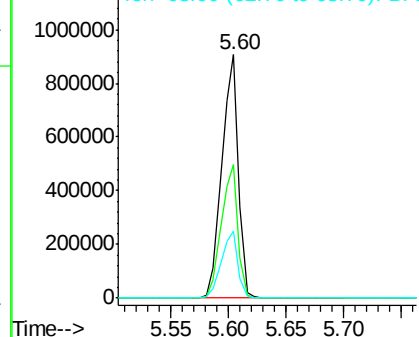
#5

2-Fluorophenol
Concen: 90.219 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF103884.D
Acq: 23 Mar 2018 17:00

Tgt Ion:112 Resp: 897678
Ion Ratio Lower Upper
112 100
64 54.8 47.9 71.9
63 27.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 91.566 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF103884.D

Acq: 23 Mar 2018 17:00

Instrument :

BNA_F

ClientSampleId :

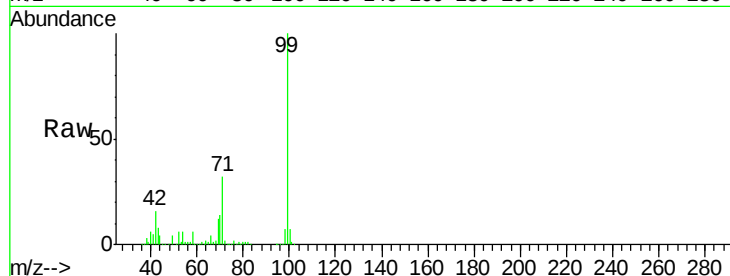
Tot Ion: 99 Resp: 1114641

Ion Ratio Lower Upper

99 100

42 15.6 14.5 21.7

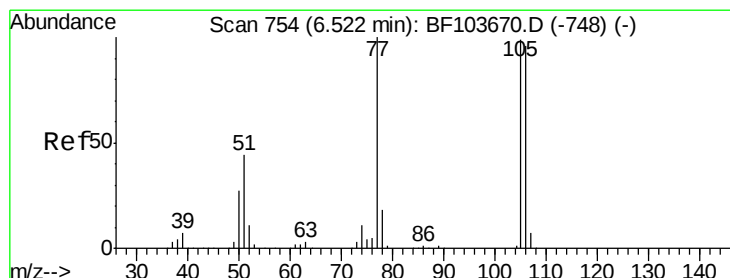
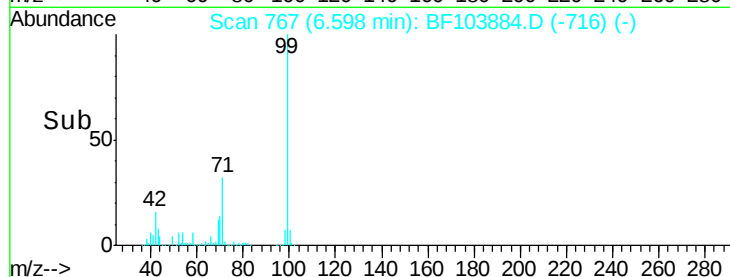
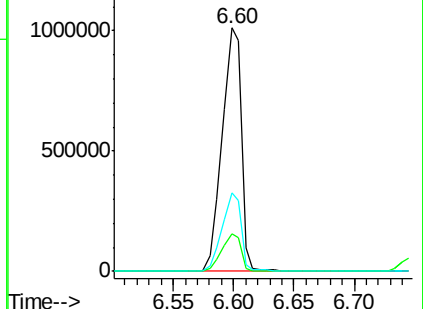
71 32.4 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 2.409 ng

RT: 6.75 min Scan# 792

Delta R.T. 0.22 min

Lab File: BF103884.D

Acq: 23 Mar 2018 17:00

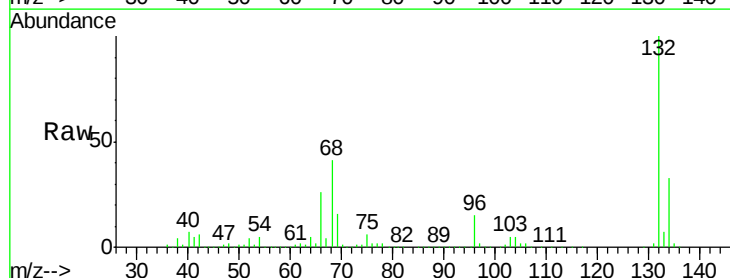
Tgt Ion: 77 Resp: 19263

Ion Ratio Lower Upper

77 100

105 84.1 81.1 121.1

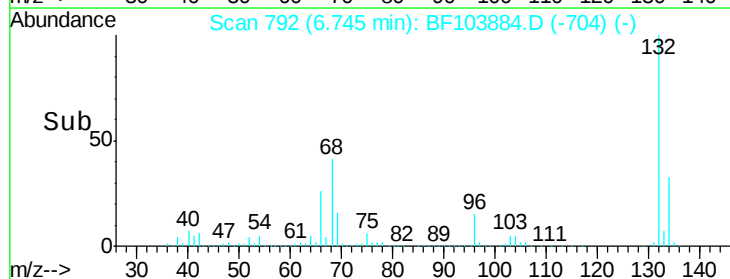
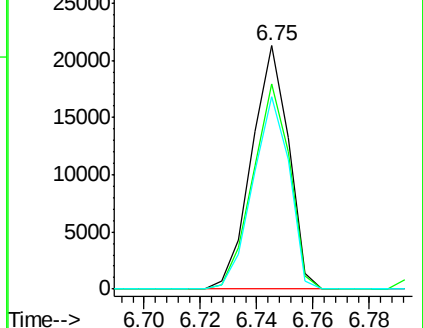
106 78.8 74.5 114.5

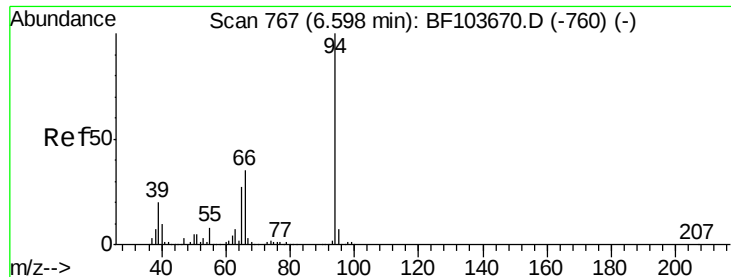


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 2.201 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.00 min

Lab File: BF103884.D

Acq: 23 Mar 2018 17:00

Instrument :

BNA_F

ClientSampleId :

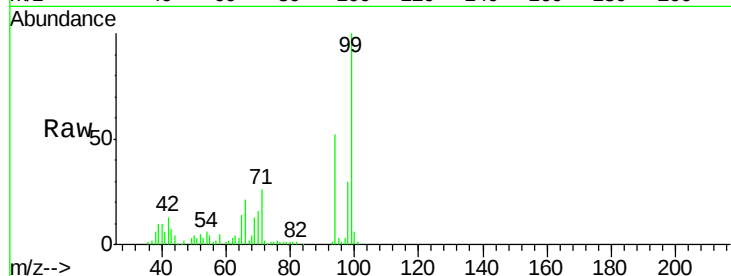
Tot Ion: 94 Resp: 28473

Ion Ratio Lower Upper

94 100

65 26.7 7.9 47.9

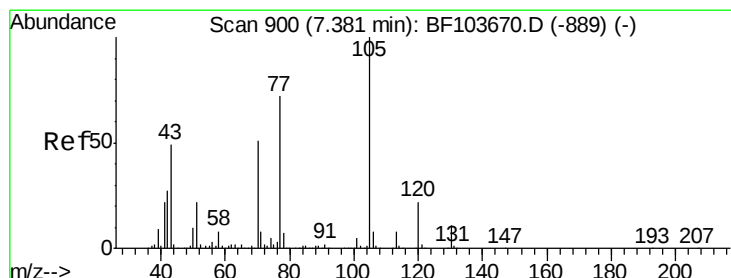
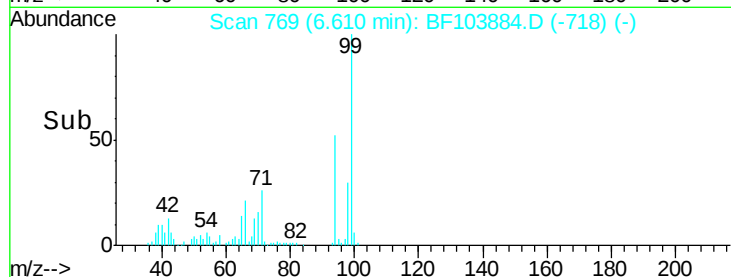
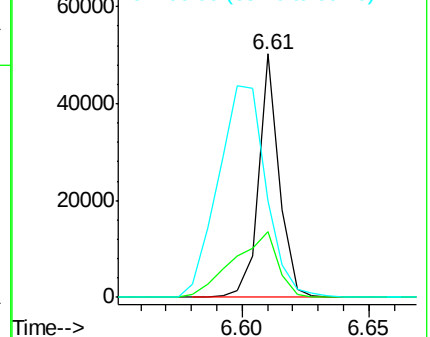
66 39.7 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 10.605 ng

RT: 7.54 min Scan# 927

Delta R.T. 0.15 min

Lab File: BF103884.D

Acq: 23 Mar 2018 17:00

Tgt Ion: 70 Resp: 82733

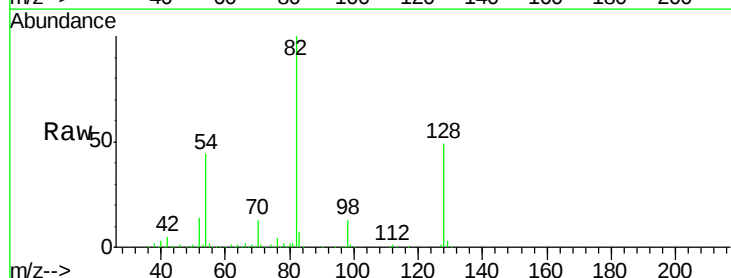
Ion Ratio Lower Upper

70 100

42 39.6 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

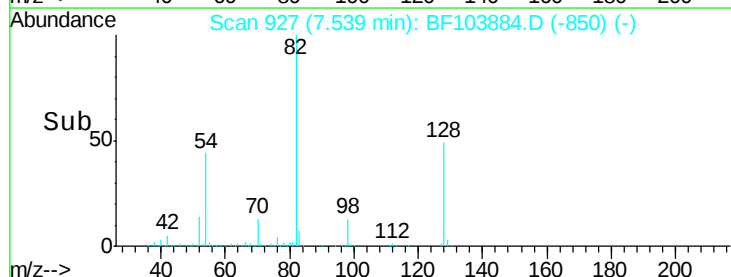
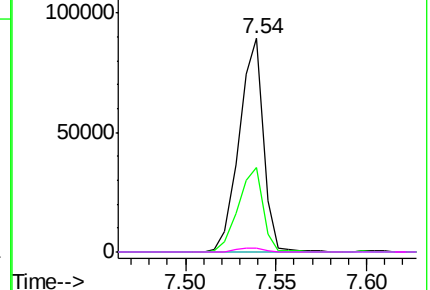


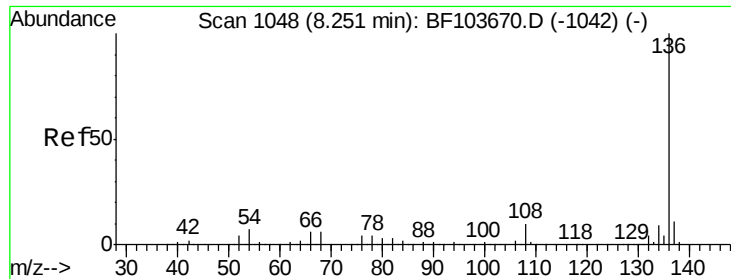
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

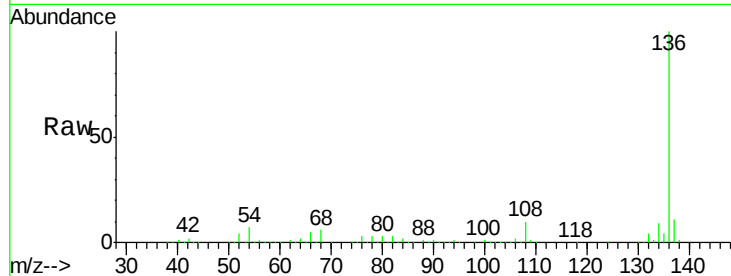




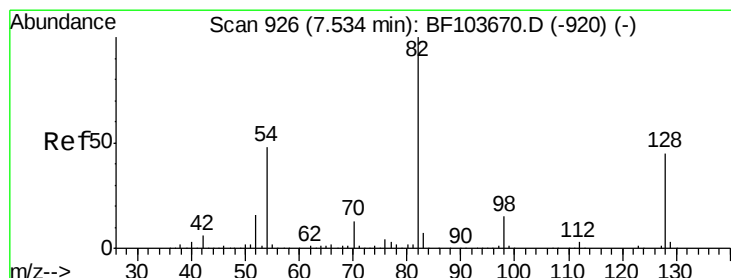
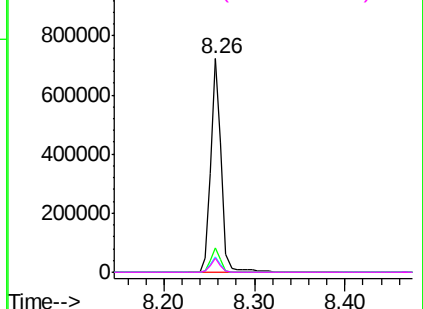
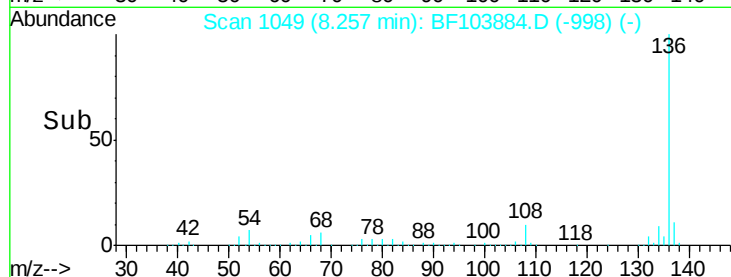
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF103884.D
Acq: 23 Mar 2018 17:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	590025
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.9 13.3
54	7.1	6.6 9.8
68	6.4	5.0 7.4

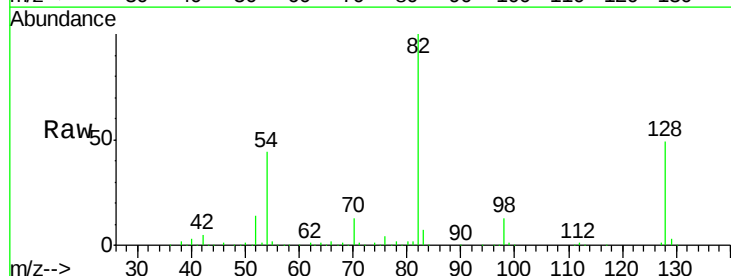


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

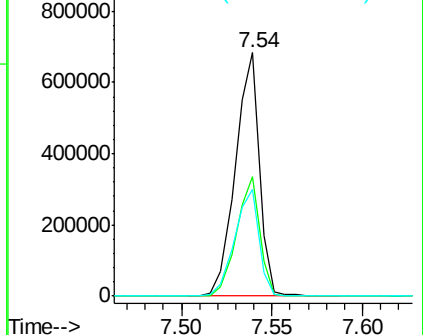
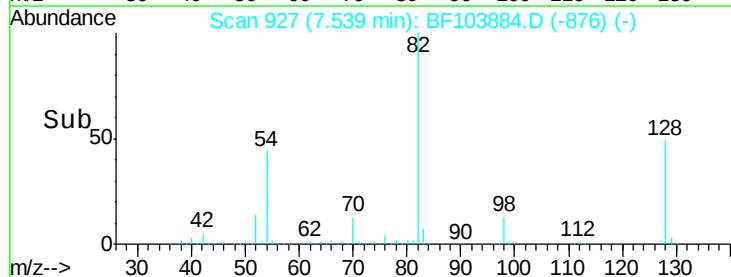


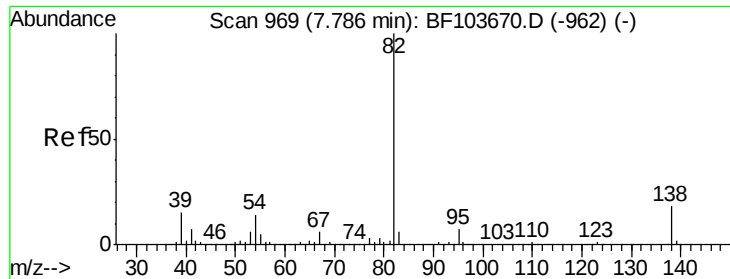
#23
Nitrobenzene-d5
Concen: 74.109 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF103884.D
Acq: 23 Mar 2018 17:00

Tgt Ion: 82	Resp:	627023
Ion Ratio	Lower	Upper
82	100	
128	49.3	36.1 54.1
54	44.0	41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 32.013 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.25 min

Lab File: BF103884.D

Acq: 23 Mar 2018 17:00

Instrument :

BNA_F

ClientSampleId :

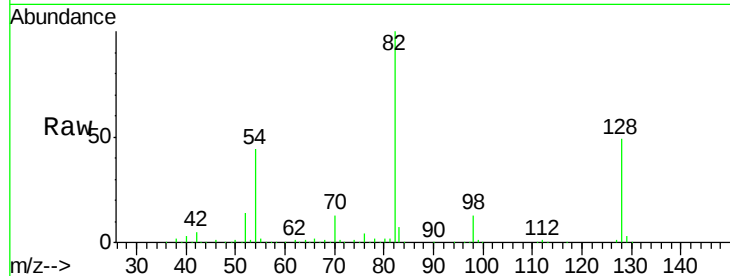
Tot Ion: 82 Resp: 627013

Ion Ratio Lower Upper

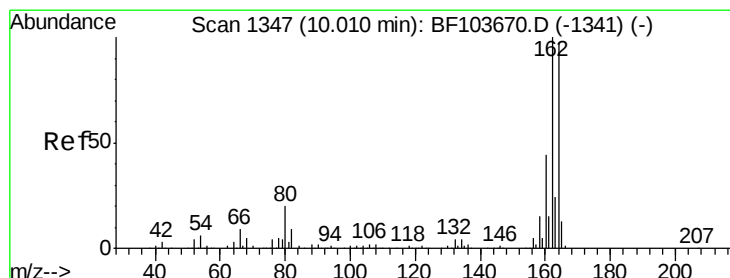
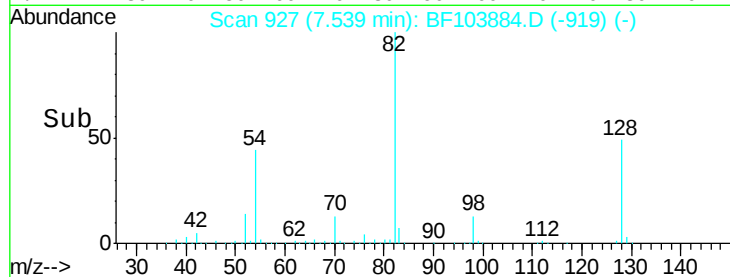
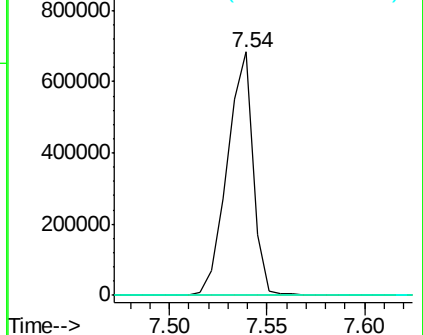
82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF103884.D

Acq: 23 Mar 2018 17:00

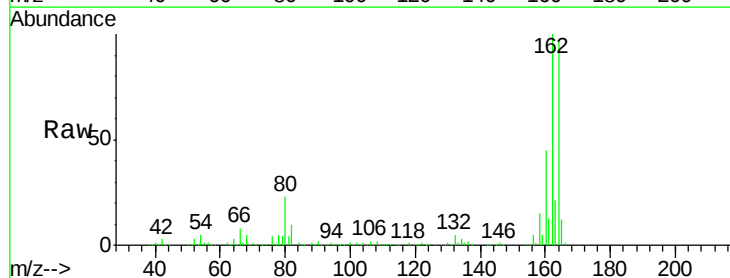
Tgt Ion:164 Resp: 253253

Ion Ratio Lower Upper

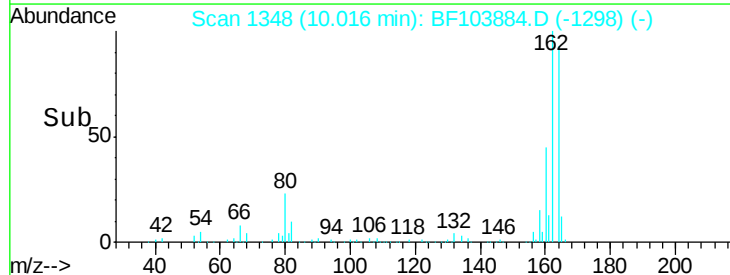
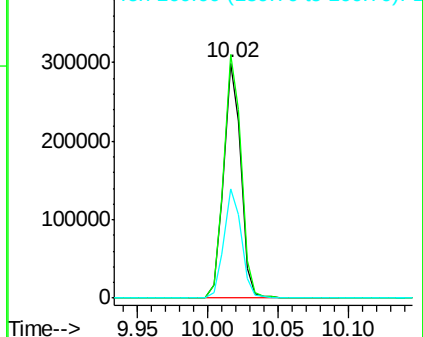
164 100

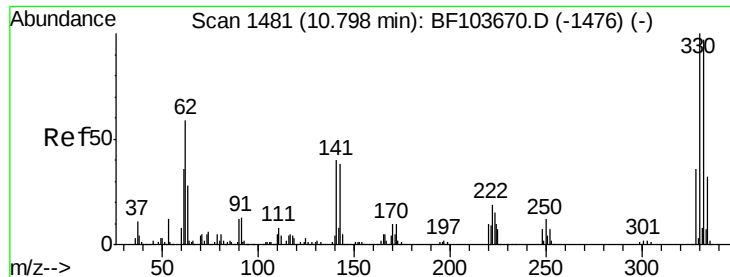
162 103.6 86.1 129.1

160 46.3 38.3 57.5



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

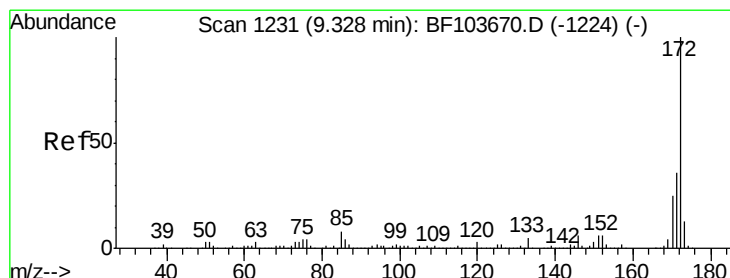
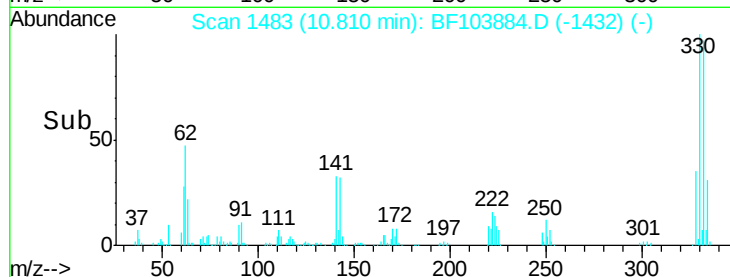
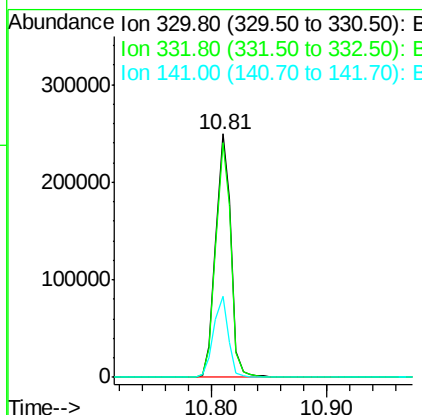
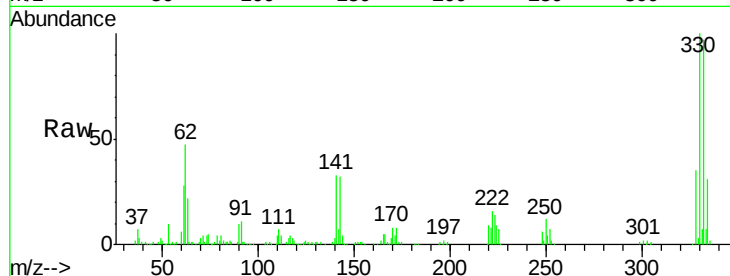




#41
 2,4,6-Tribromophenol
 Concen: 104.738 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.00 min
 Lab File: BF103884.D
 Acq: 23 Mar 2018 17:00

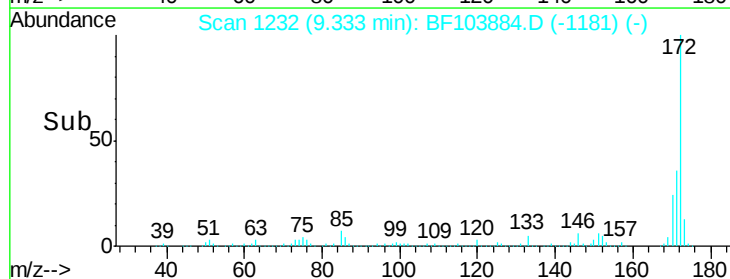
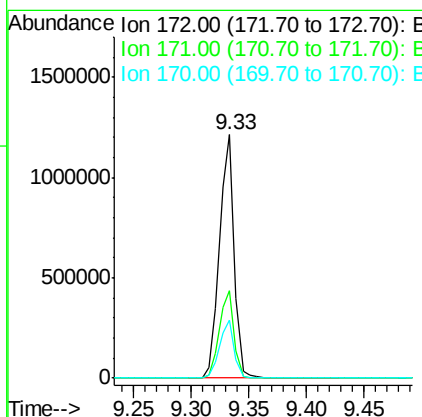
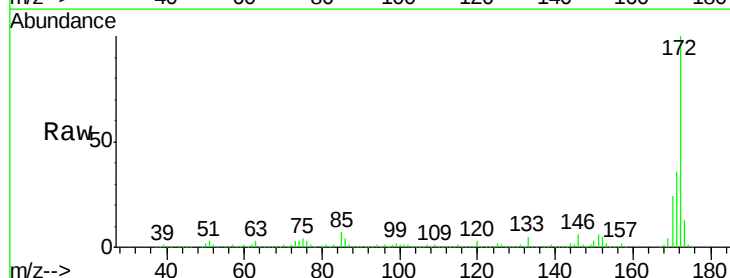
Instrument :
 BNA_F
 ClientSampleId :

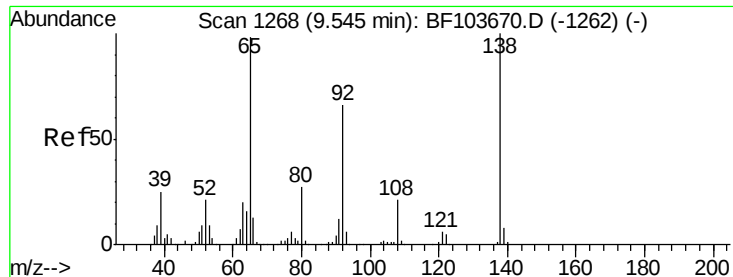
Tot Ion	330	Ratio	Lower	Upper
330	100			
332	96.1	77.0	115.6	
141	32.5	29.9	44.9	



#44
 2-Fluorobiphenyl
 Concen: 67.737 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BF103884.D
 Acq: 23 Mar 2018 17:00

Tgt Ion	172	Ratio	Lower	Upper
172	100			
171	35.9	29.7	44.5	
170	23.7	19.6	29.4	

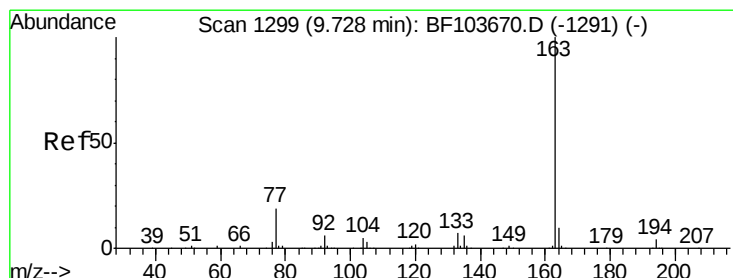
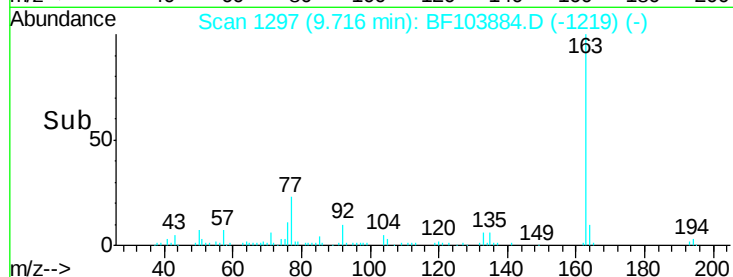
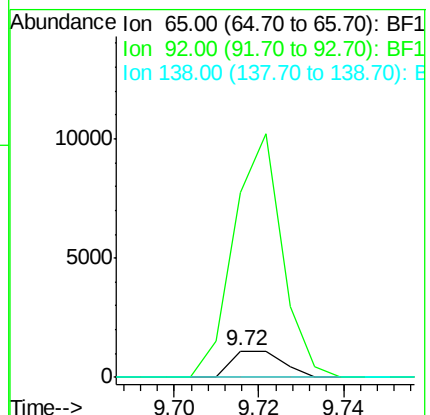
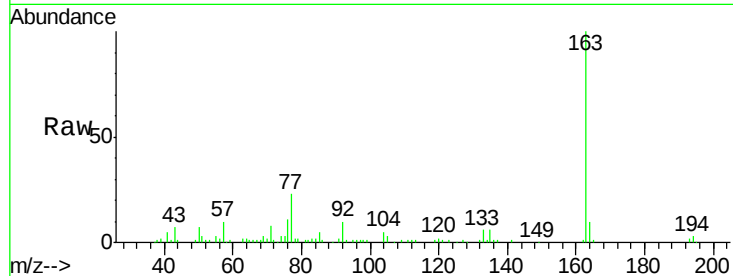




#47
2-Nitroaniline
Concen: 6.993 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.16 min
Lab File: BF103884.D
Acq: 23 Mar 2018 17:00

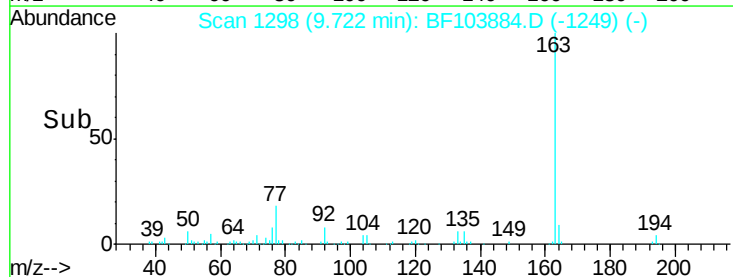
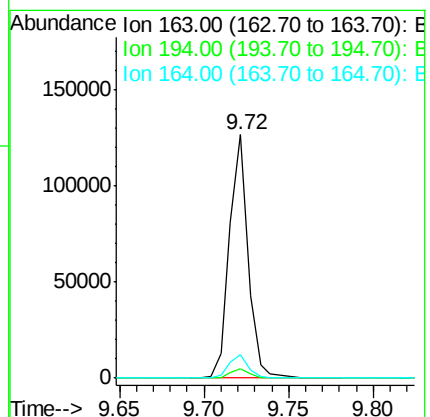
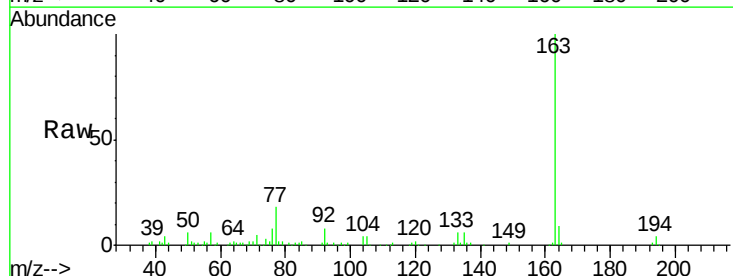
Instrument :
BNA_F
ClientSampleId :

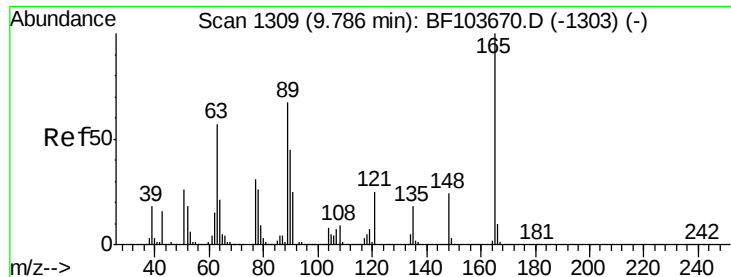
Tot Ion: 65 Resp: 914
Ion Ratio Lower Upper
65 100
92 709.8 55.8 83.6#
138 0.0 91.2 136.8#



#49
Dimethylphthalate
Concen: 5.053 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF103884.D
Acq: 23 Mar 2018 17:00

Tgt Ion:163 Resp: 97633
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 9.5 8.2 12.2

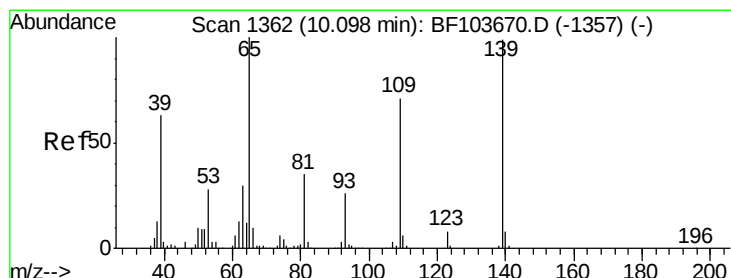
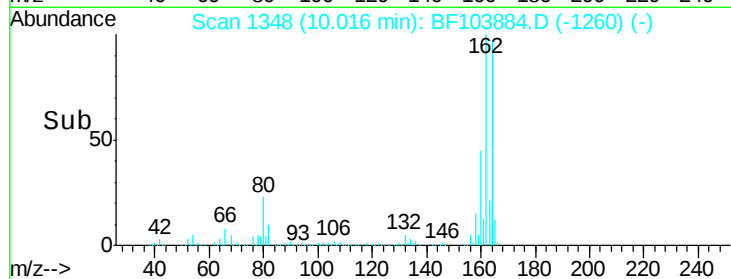
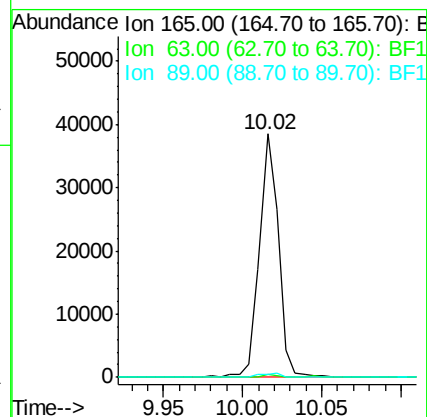
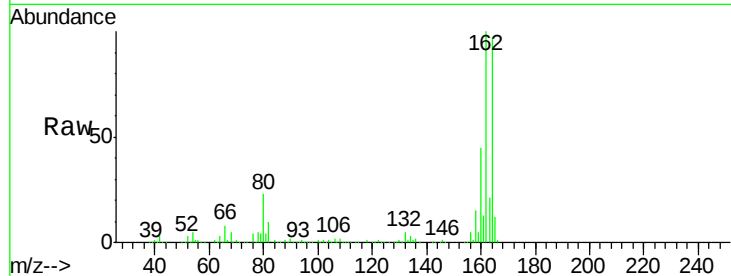




#50
 2,6-Dinitrotoluene
 Concen: 11.938 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. 0.22 min
 Lab File: BF103884.D
 Acq: 23 Mar 2018 17:00

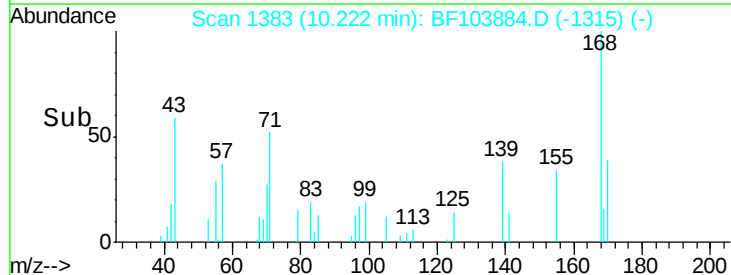
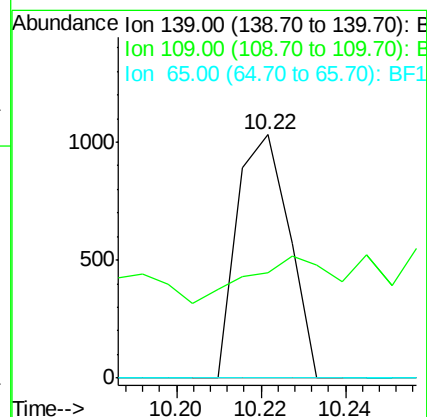
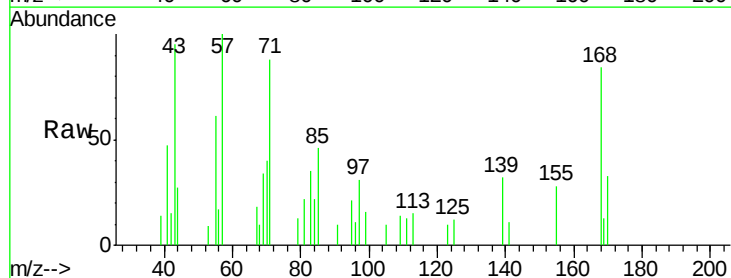
Instrument :
 BNA_F
 ClientSampleId :

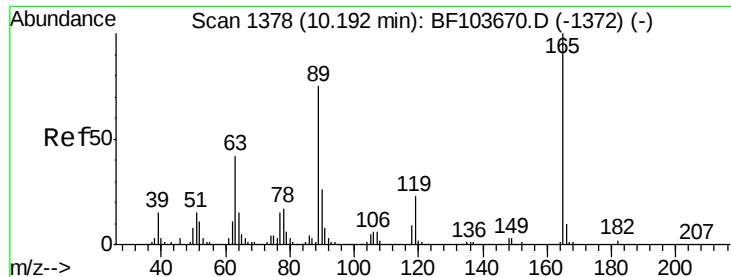
Tot Ion:165 Resp: 32423
 Ion Ratio Lower Upper
 165 100
 63 1.2 44.7 67.1#
 89 1.4 44.0 66.0#



#55
 4-Nitrophenol
 Concen: 5.203 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. 0.10 min
 Lab File: BF103884.D
 Acq: 23 Mar 2018 17:00

Tgt Ion:139 Resp: 880
 Ion Ratio Lower Upper
 139 100
 109 43.3 48.4 88.4#
 65 0.0 72.6 112.6#

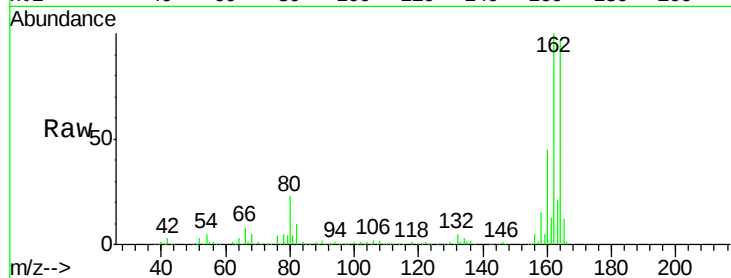




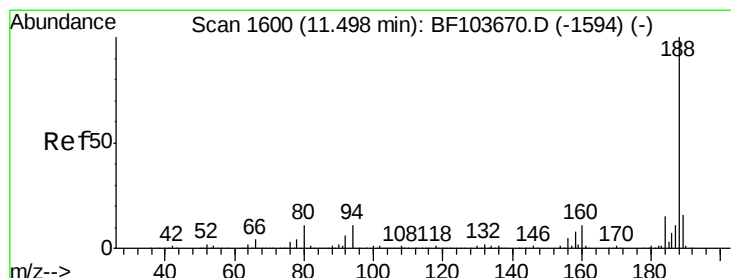
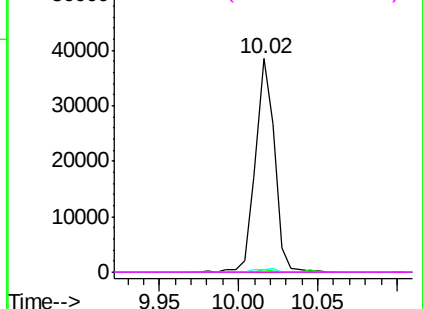
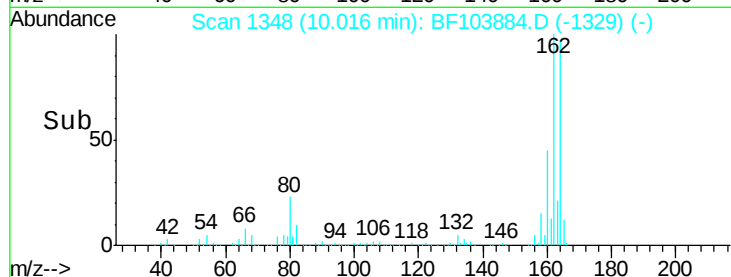
#56
 2,4-Dinitrotoluene
 Concen: 12.174 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.19 min
 Lab File: BF103884.D
 Acq: 23 Mar 2018 17:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 32423
 Ion Ratio Lower Upper
 165 100
 63 1.2 36.4 54.6#
 89 1.4 57.8 86.6#
 182 0.0 1.6 2.4#

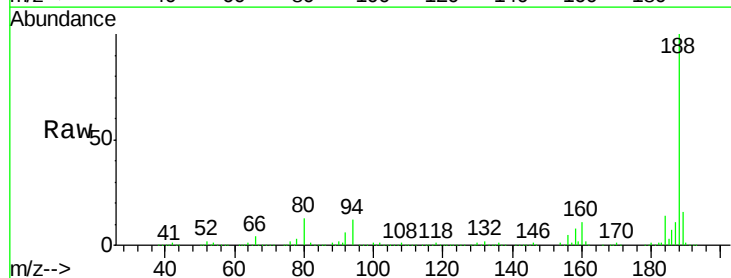


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

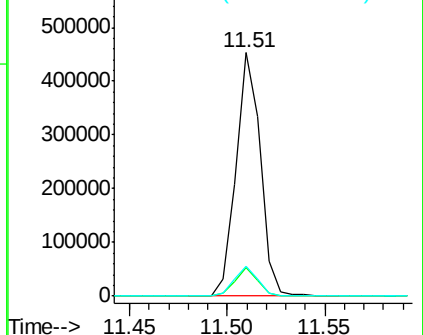
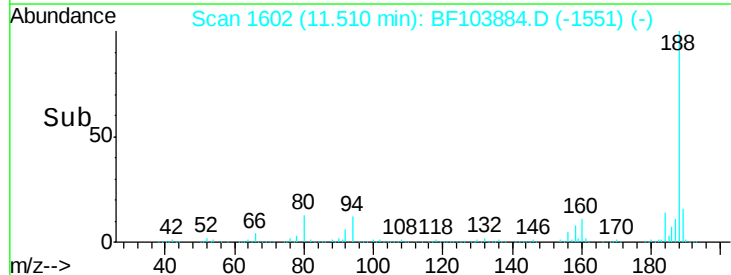


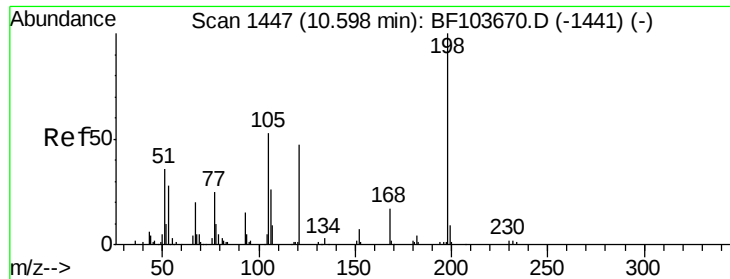
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. -0.00 min
 Lab File: BF103884.D
 Acq: 23 Mar 2018 17:00

Tgt Ion:188 Resp: 391404
 Ion Ratio Lower Upper
 188 100
 94 11.6 8.5 12.7
 80 12.5 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

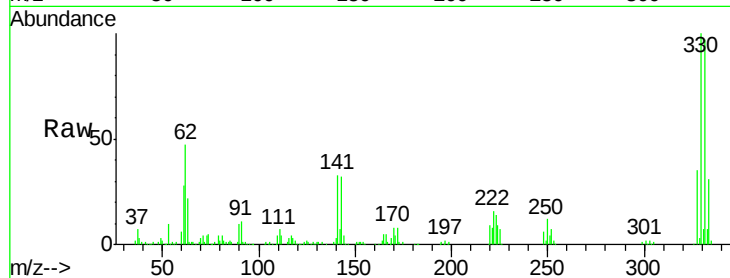




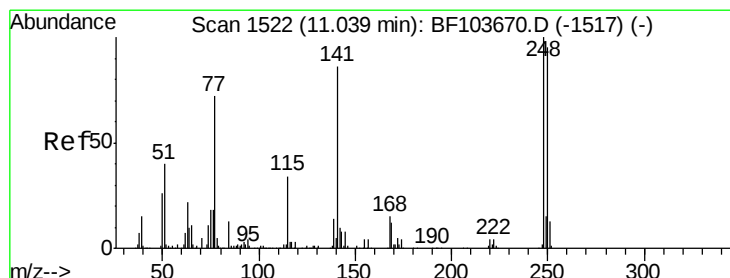
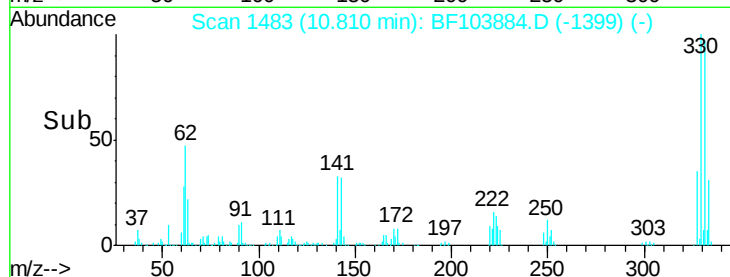
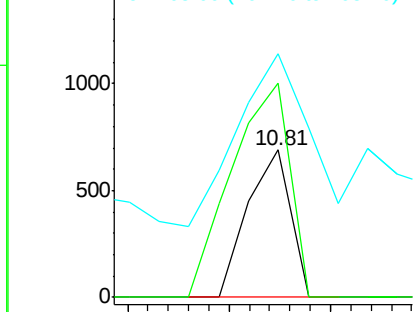
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.424 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. 0.19 min
 Lab File: BF103884.D
 Acq: 23 Mar 2018 17:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 402
 Ion Ratio Lower Upper
 198 100
 51 145.5 37.7 77.7#
 105 165.2 36.3 76.3#

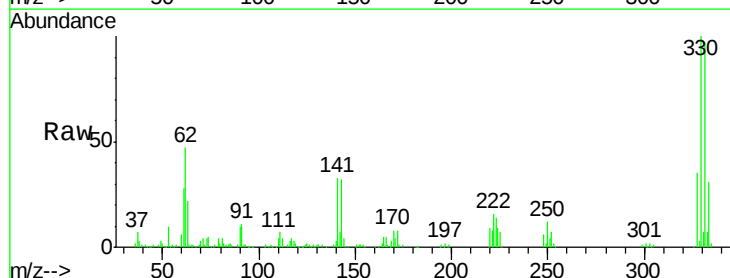


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

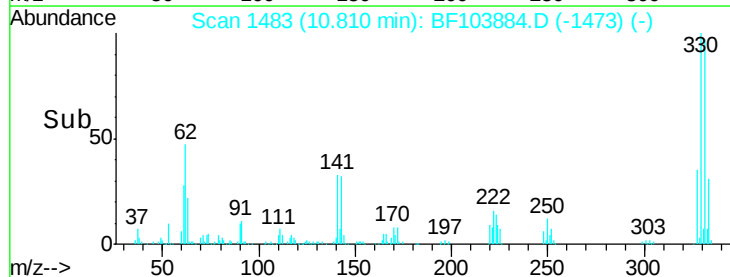
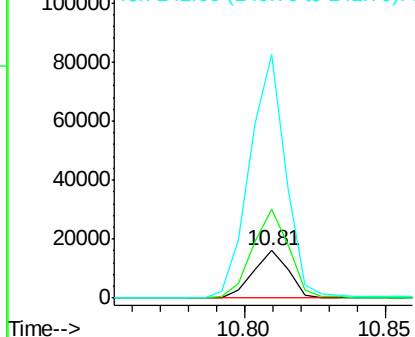


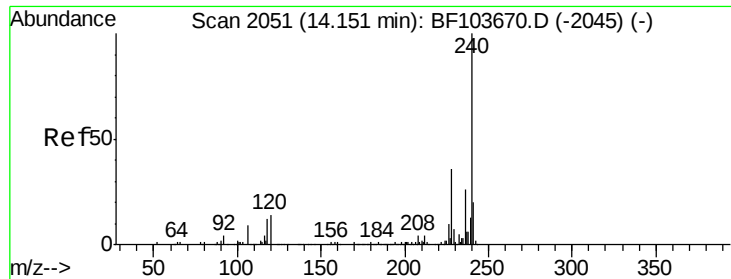
#66
 4-Bromophenyl-phenylether
 Concen: 3.460 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.24 min
 Lab File: BF103884.D
 Acq: 23 Mar 2018 17:00

Tgt Ion:248 Resp: 13903
 Ion Ratio Lower Upper
 248 100
 250 187.9 76.9 115.3#
 141 515.2 74.4 111.6#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#75

Chrvsene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2054

Delta R.T. -0.00 min

Lab File: BF103884.D

Acq: 23 Mar 2018 17:00

Instrument :

BNA_F

ClientSampleId :

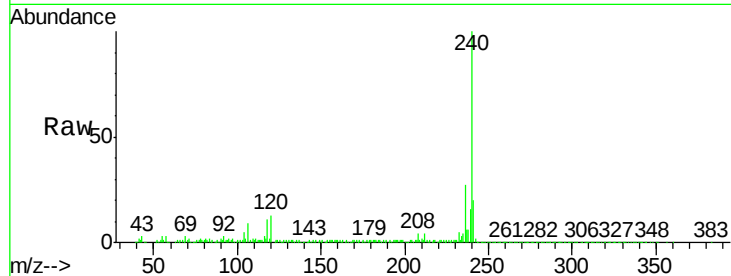
Tot Ion:240 Resp: 283486

Ion Ratio Lower Upper

240 100

120 13.0 9.5 14.3

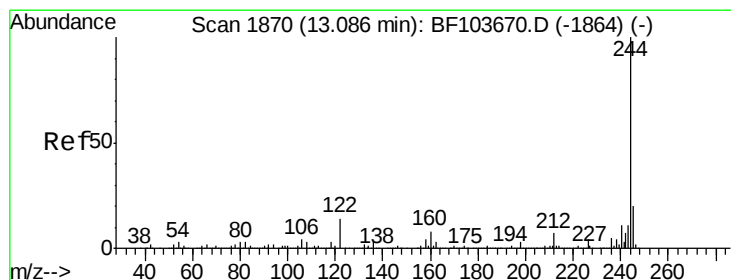
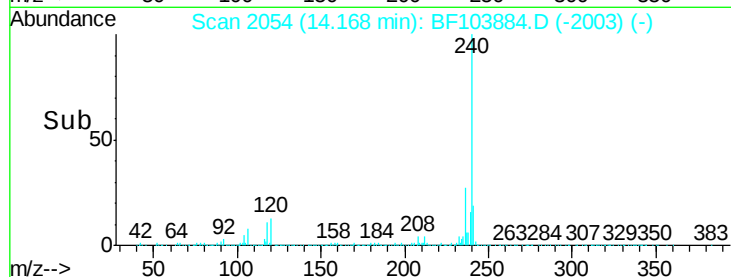
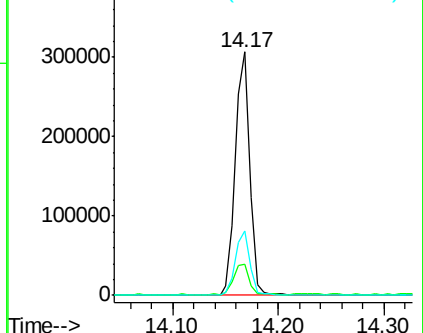
236 26.7 20.7 31.1



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: 66.460 ng

RT: 13.10 min Scan# 1872

Delta R.T. -0.00 min

Lab File: BF103884.D

Acq: 23 Mar 2018 17:00

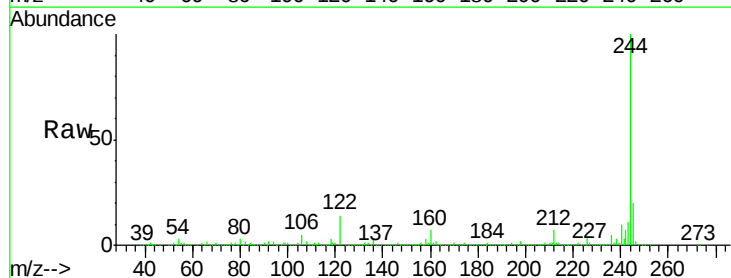
Tgt Ion:244 Resp: 811688

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

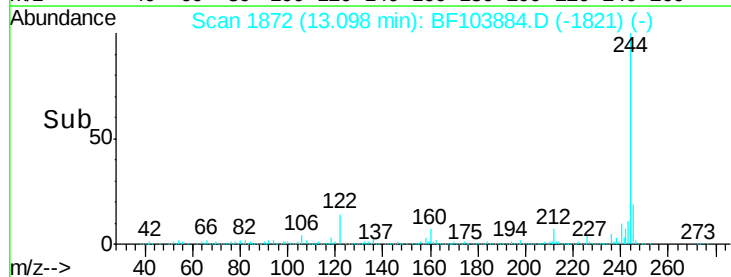
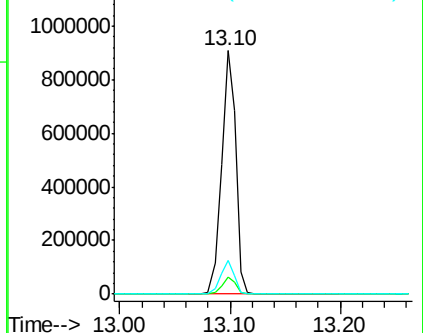
122 13.7 11.0 16.4

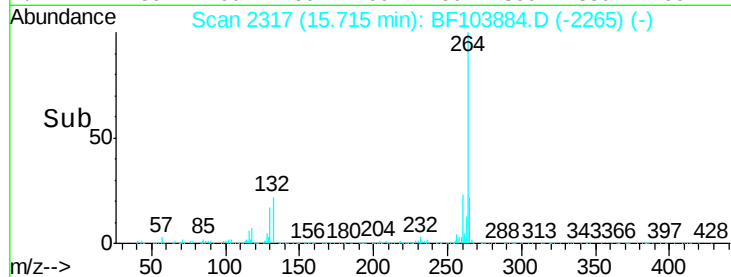
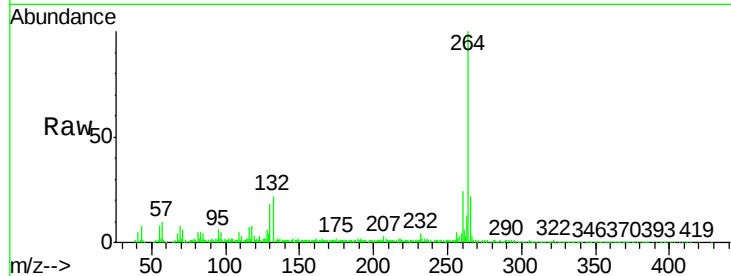
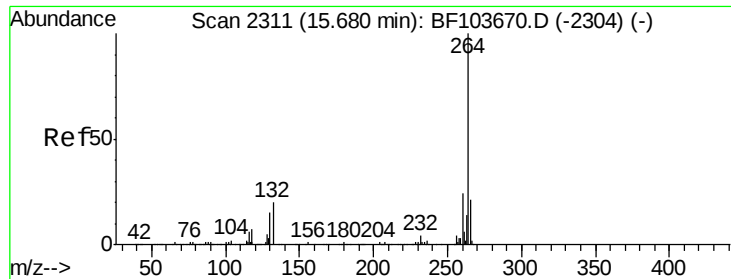


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.72 min Scan# 2317
 Delta R.T. 0.01 min
 Lab File: BF103884.D
 Acq: 23 Mar 2018 17:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.2	17.5	26.3

