

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042618\
 Data File : BF104872.D
 Acq On : 27 Apr 2018 9:38
 Operator : JU/SJ
 Sample : J2515-05 10X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 27 11:12:10 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 25 14:01:50 2018
 Response via : Initial Calibration

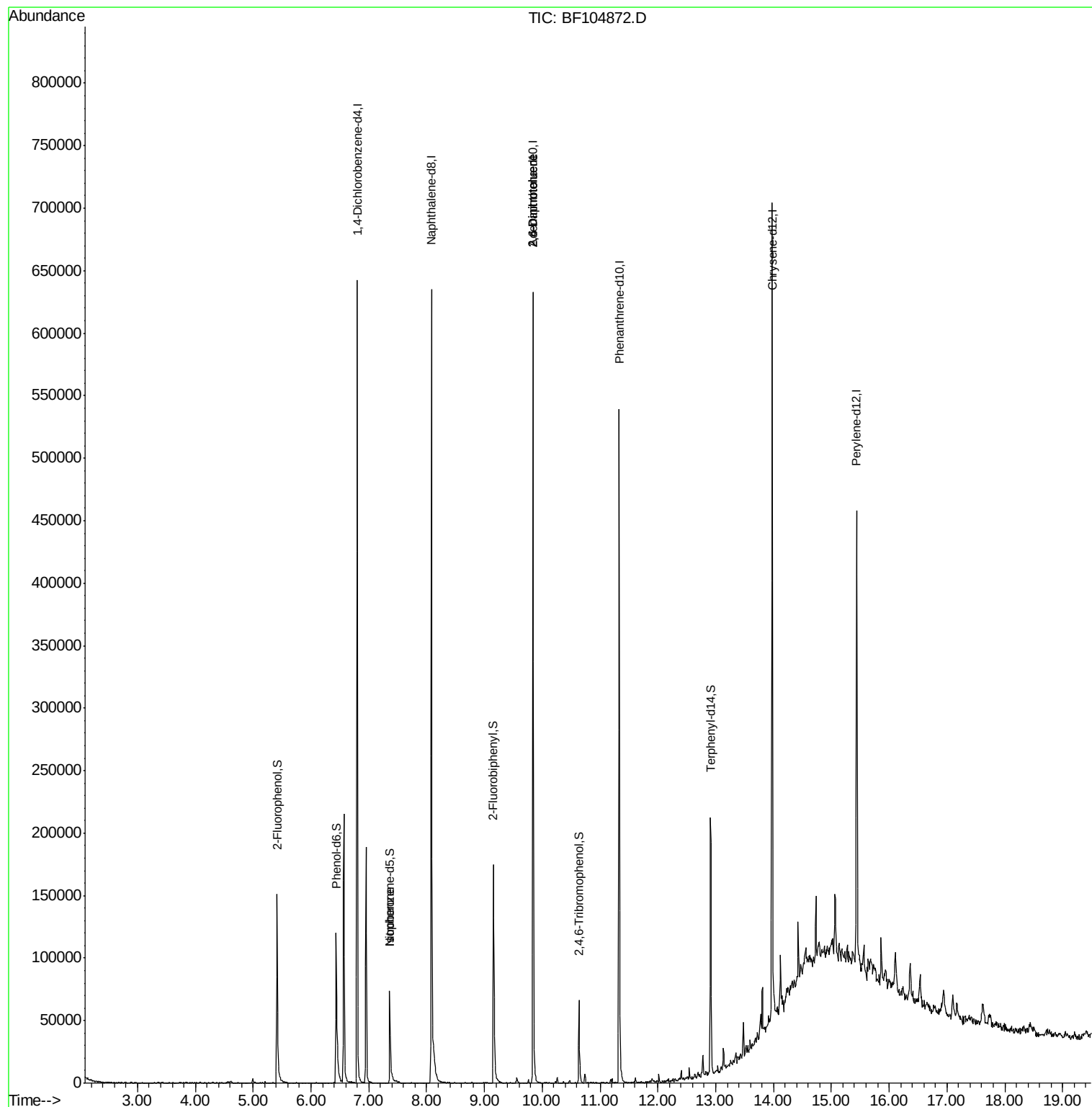
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	97282	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	369147	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	138213	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	222257	20.00	ng	0.00
75) Chrysene-d12	13.97	240	219899	20.00	ng	-0.01
86) Perylene-d12	15.44	264	149779	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	63098	9.92	ng	0.00
7) Phenol-d6	6.43	99	73456	9.40	ng	-0.01
23) Nitrobenzene-d5	7.36	82	39818	7.04	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	11638	8.12	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	83743	9.57	ng	0.00
78) Terphenyl-d14	12.91	244	72582	7.53	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.57	77	1077	Below Cal	#	77
25) Isophorone	7.36	82	39818	3.331 ng	#	64
50) 2,6-Dinitrotoluene	9.84	165	17954	8.902 ng	#	25
56) 2,4-Dinitrotoluene	9.84	165	17954	6.787 ng	#	23
76) Benzidine	12.91	184	996	Below Cal	#	66

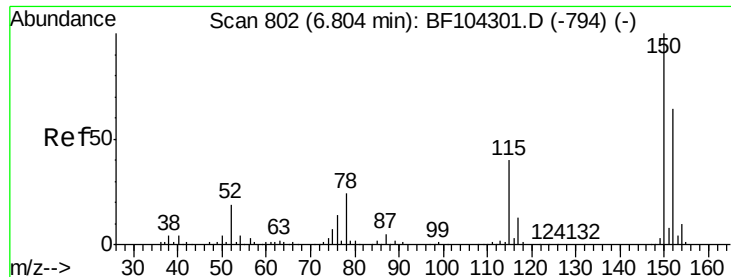
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042618\
Data File : BF104872.D
Acq On : 27 Apr 2018 9:38
Operator : JU/SJ
Sample : J2515-05 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 27 11:12:10 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 25 14:01:50 2018
Response via : Initial Calibration



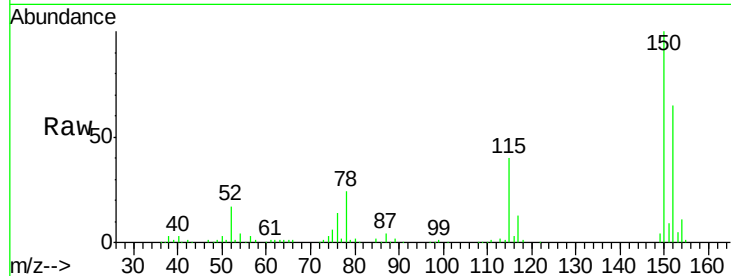


#1

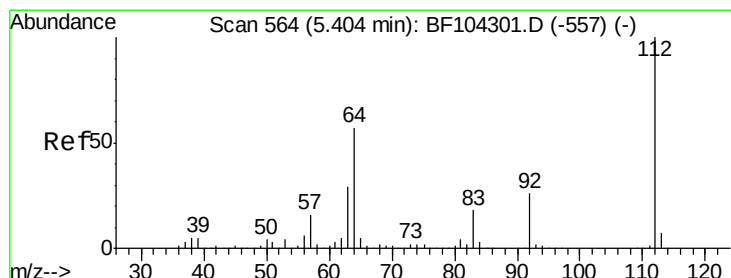
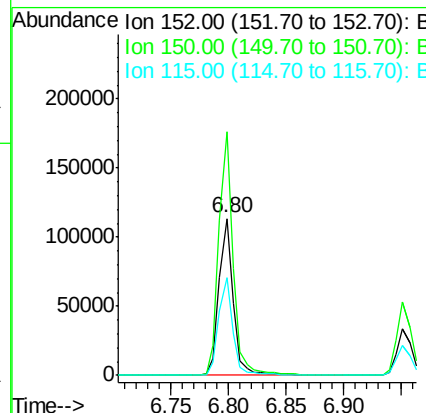
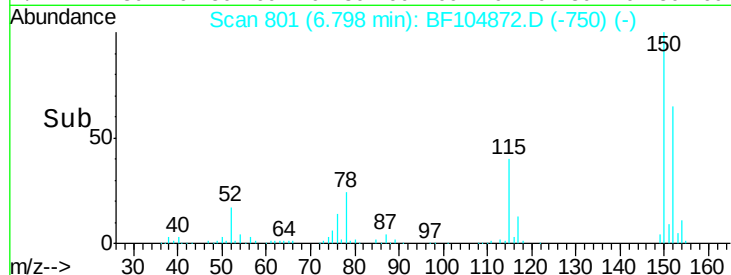
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF104872.D
Acq: 27 Apr 2018 9:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 97282
Ion Ratio Lower Upper
152 100
150 154.9 124.6 186.8
115 61.9 50.1 75.1



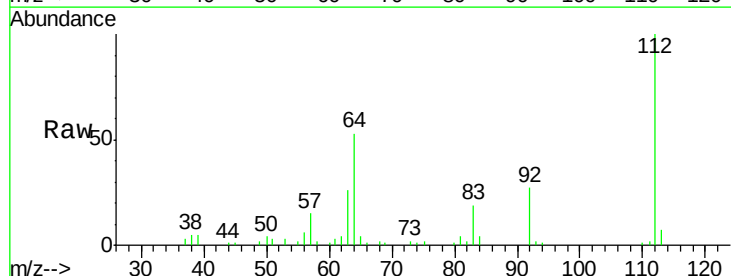
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



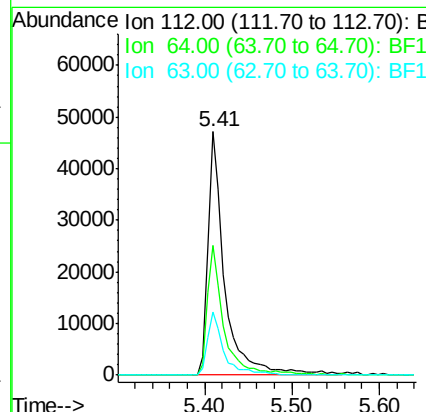
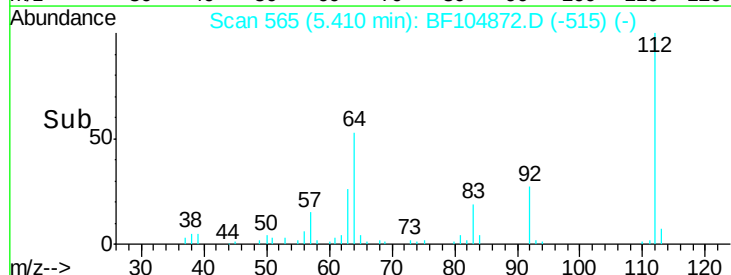
#5

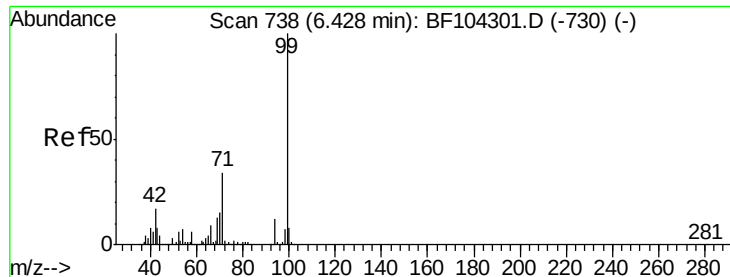
2-Fluorophenol
Concen: 9.918 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF104872.D
Acq: 27 Apr 2018 9:38

Tgt Ion:112 Resp: 63098
Ion Ratio Lower Upper
112 100
64 53.3 47.9 71.9
63 25.9 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: 9.397 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF104872.D

Acq: 27 Apr 2018 9:38

Instrument :

BNA_F

ClientSampleId :

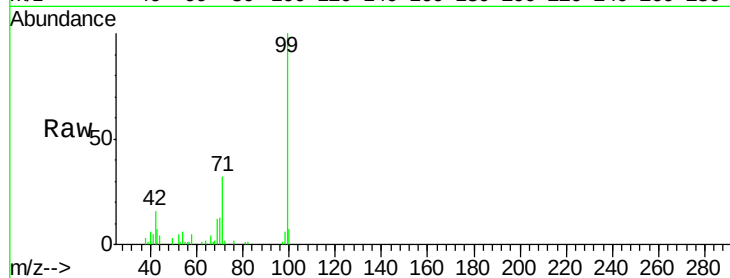
Tot Ion: 99 Resp: 73456

Ion Ratio Lower Upper

99 100

42 15.6 14.5 21.7

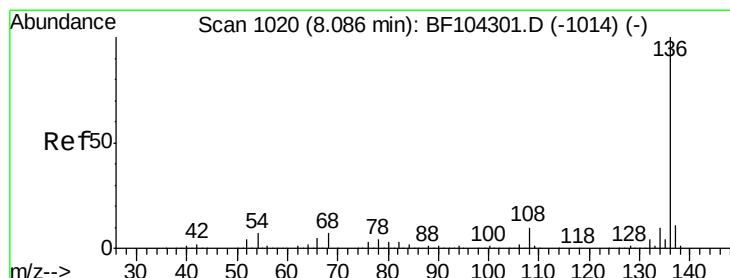
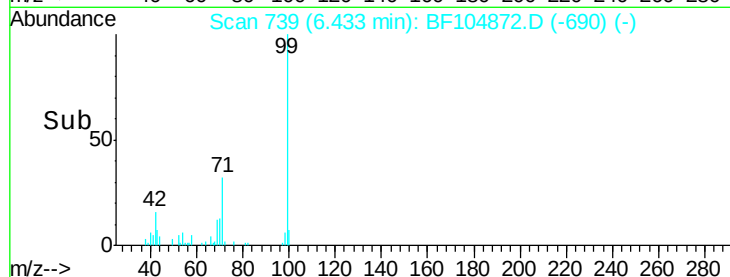
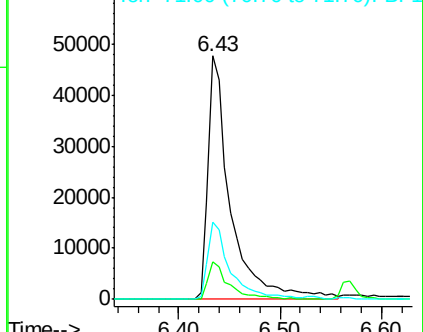
71 31.6 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF104872.D

Acq: 27 Apr 2018 9:38

Tgt Ion: 136 Resp: 369147

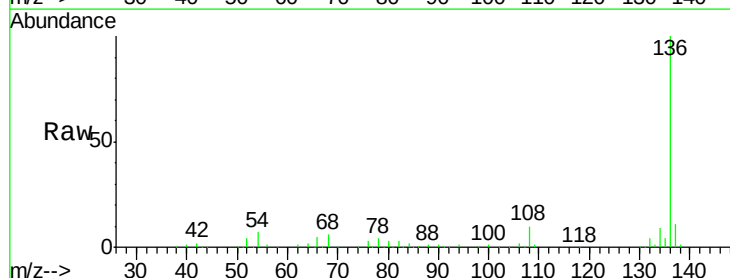
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 6.5 6.6 9.8#

68 5.6 5.0 7.4

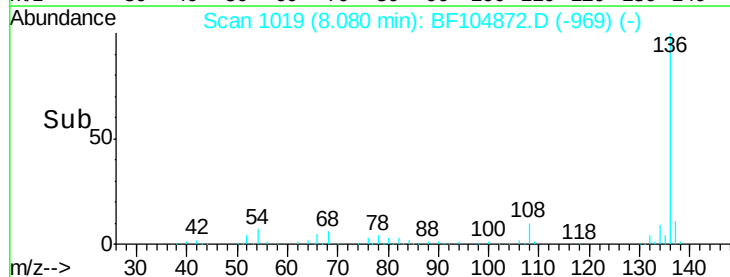
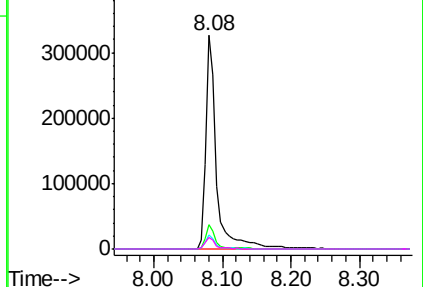


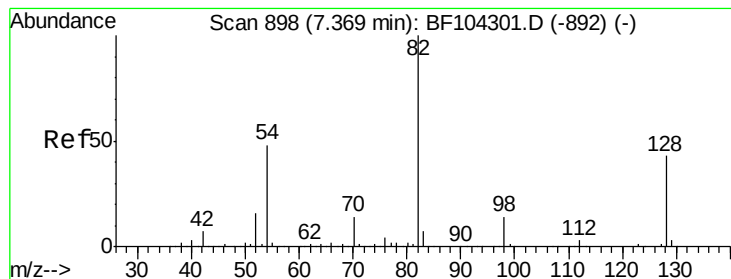
Abundance Ion 136.00 (135.70 to 136.70): E

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: 7.043 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF104872.D

Acq: 27 Apr 2018 9:38

Instrument :

BNA_F

ClientSampled :

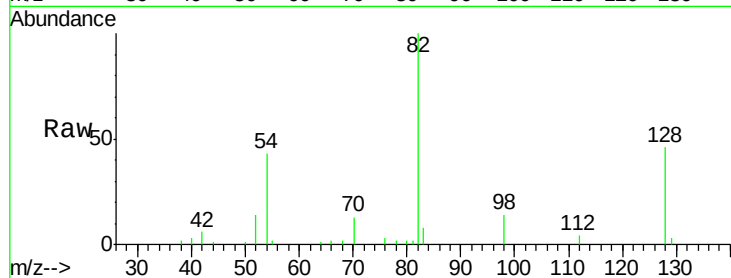
Tot Ion: 82 Resp: 39818

Ion Ratio Lower Upper

82 100

128 45.6 36.1 54.1

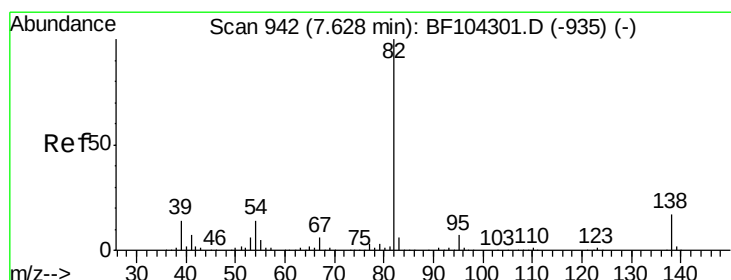
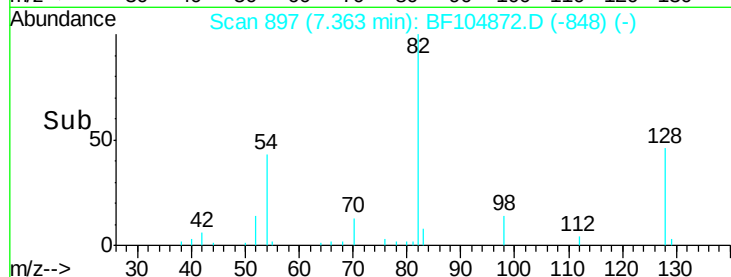
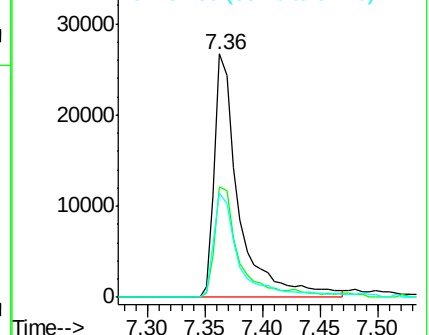
54 42.6 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 3.331 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.26 min

Lab File: BF104872.D

Acq: 27 Apr 2018 9:38

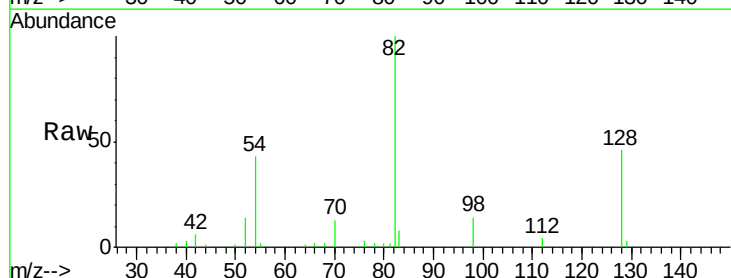
Tgt Ion: 82 Resp: 39818

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

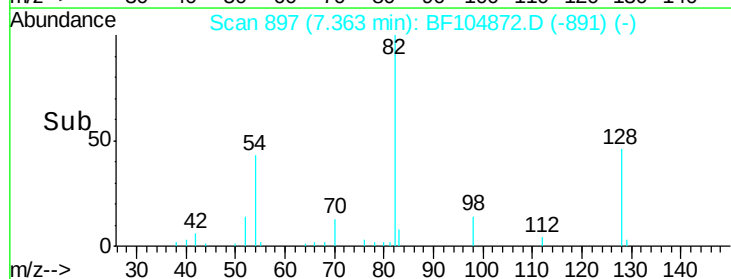
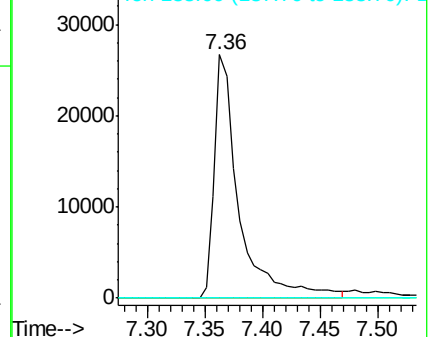
138 0.0 14.9 22.3#

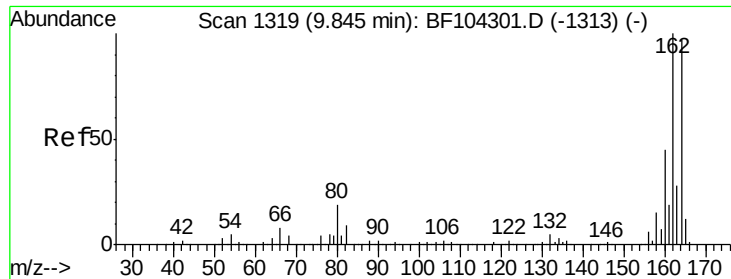


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

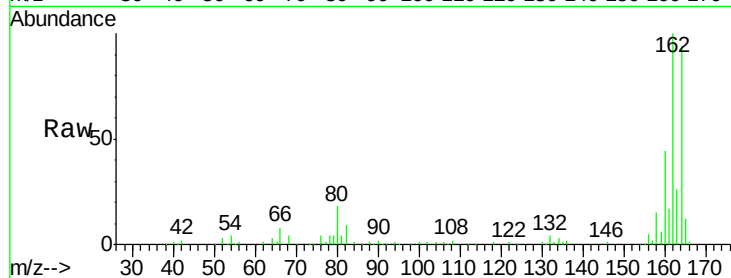




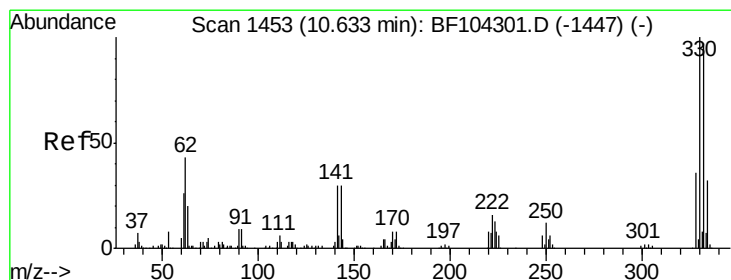
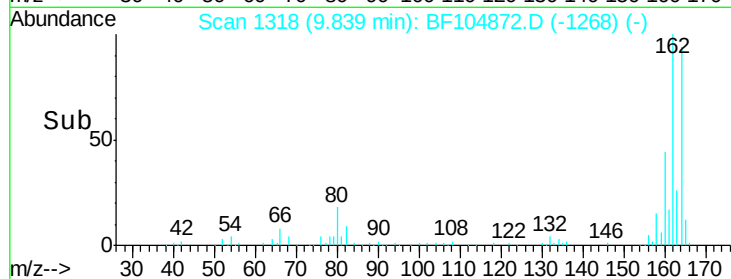
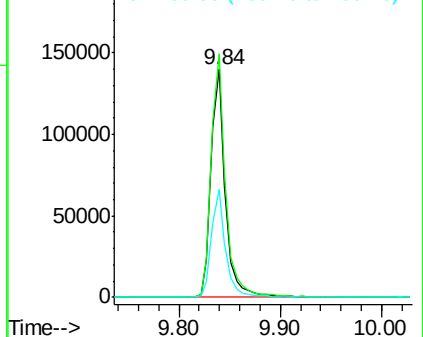
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF104872.D
 Acq: 27 Apr 2018 9:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 138213
 Ion Ratio Lower Upper
 164 100
 162 106.9 86.1 129.1
 160 47.2 38.3 57.5

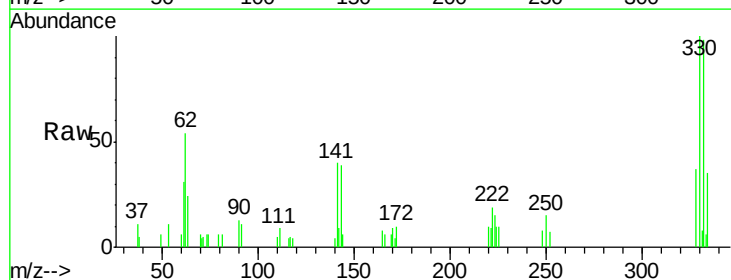


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

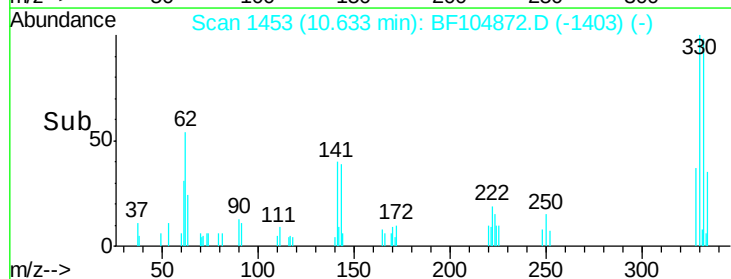
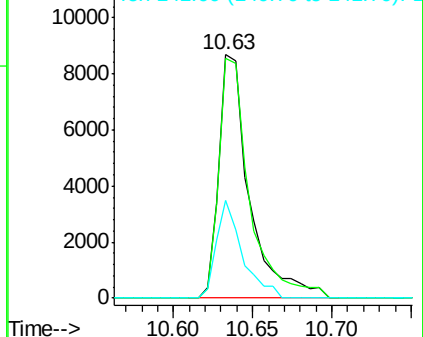


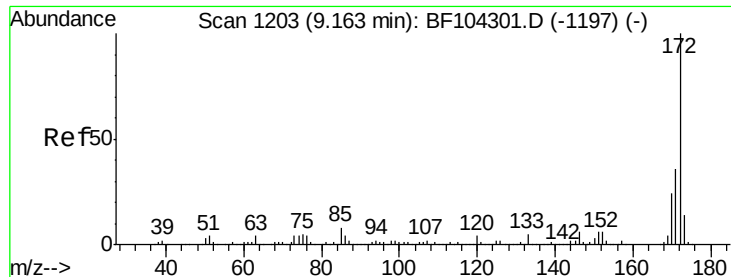
#41
 2,4,6-Tribromophenol
 Concen: 8.117 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104872.D
 Acq: 27 Apr 2018 9:38

Tgt Ion:330 Resp: 11638
 Ion Ratio Lower Upper
 330 100
 332 98.5 77.0 115.6
 141 33.8 29.9 44.9



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

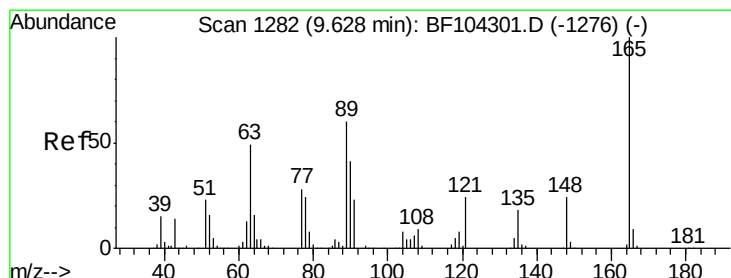
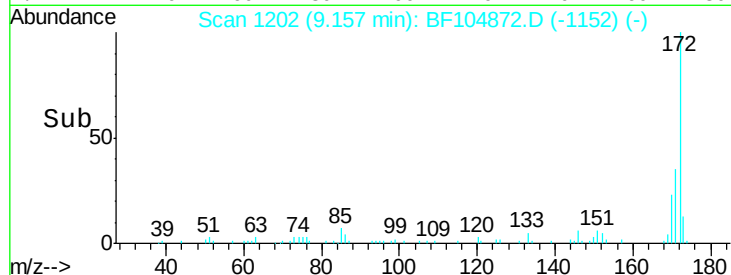
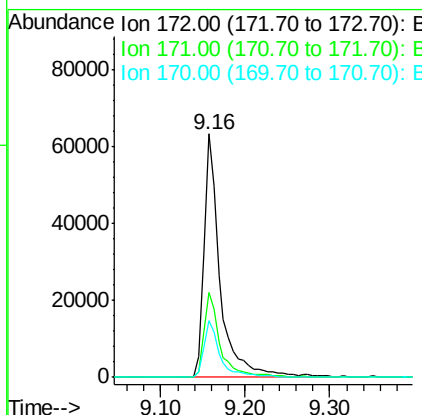
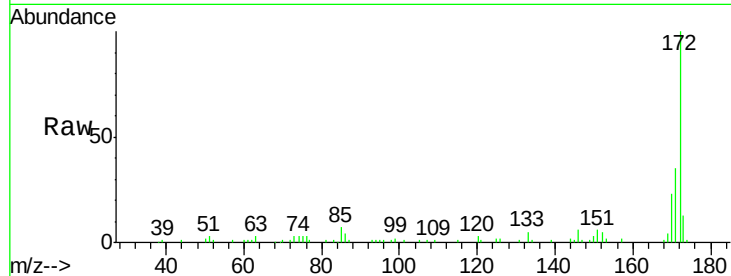




#44
 2-Fluorobiphenyl
 Concen: 9.572 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF104872.D
 Acq: 27 Apr 2018 9:38

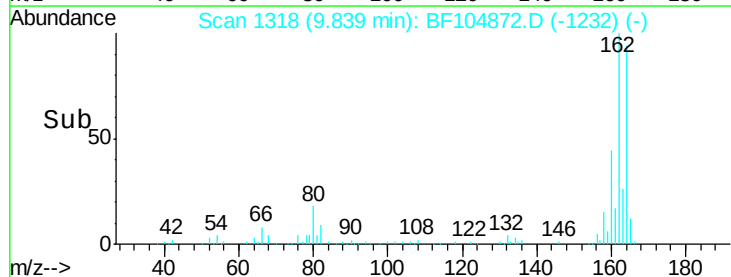
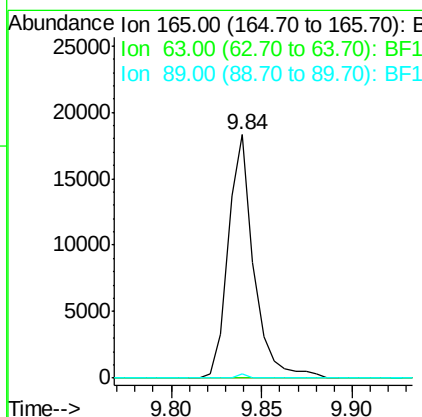
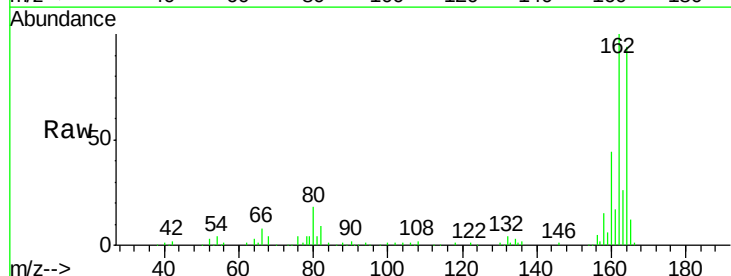
Instrument :
 BNA_F
 ClientSampleId :

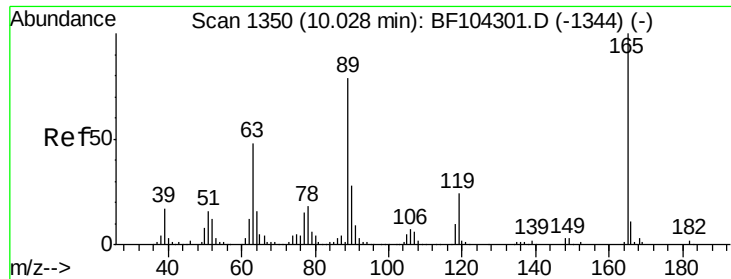
Tot Ion:172 Resp: 83743
 Ion Ratio Lower Upper
 172 100
 171 34.7 29.7 44.5
 170 23.4 19.6 29.4



#50
 2,6-Dinitrotoluene
 Concen: 8.902 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.21 min
 Lab File: BF104872.D
 Acq: 27 Apr 2018 9:38

Tgt Ion:165 Resp: 17954
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 2.0 44.0 66.0#

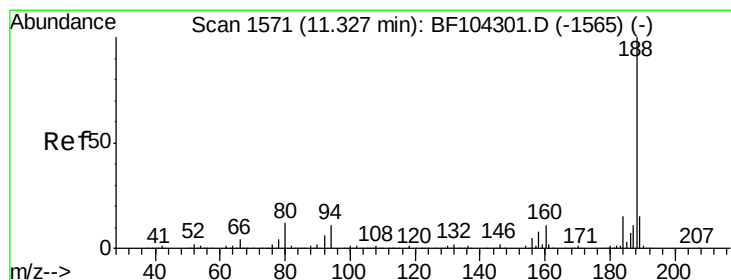
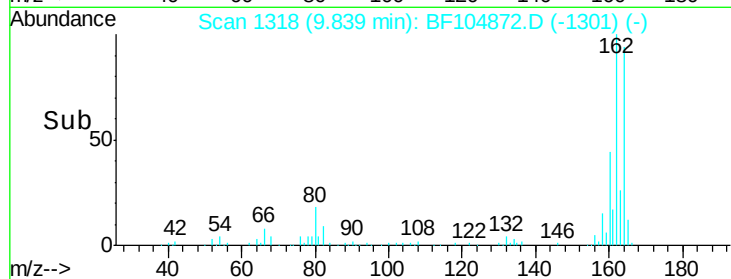
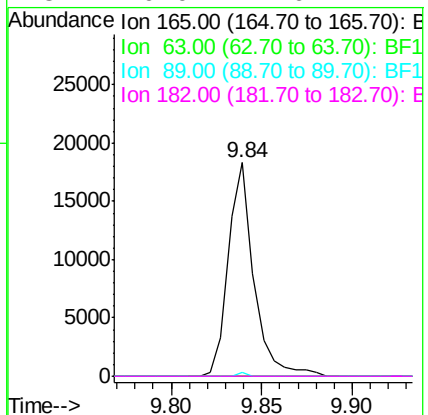
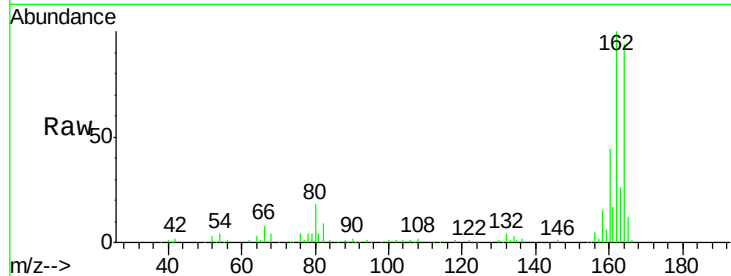




#56
 2,4-Dinitrotoluene
 Concen: 6.787 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.20 min
 Lab File: BF104872.D
 Acq: 27 Apr 2018 9:38

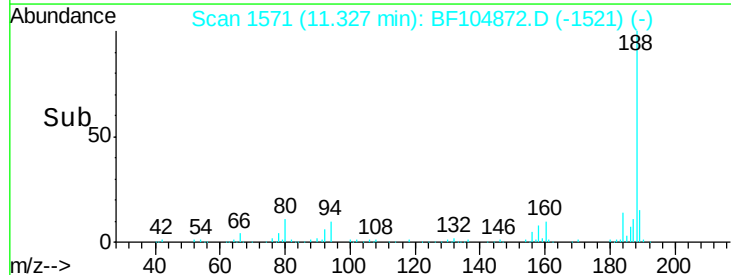
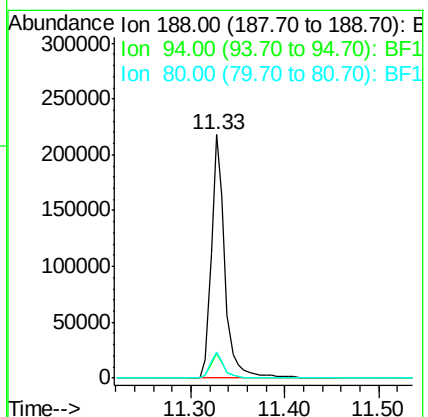
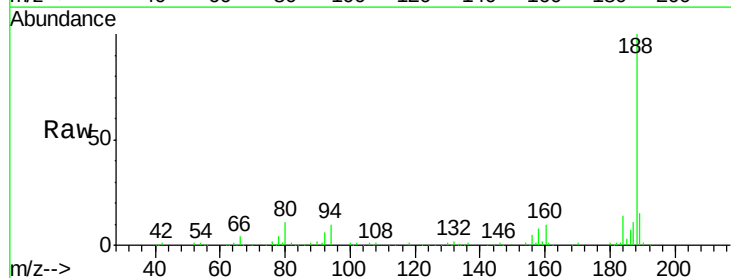
Instrument :
 BNA_F
 ClientSampled :

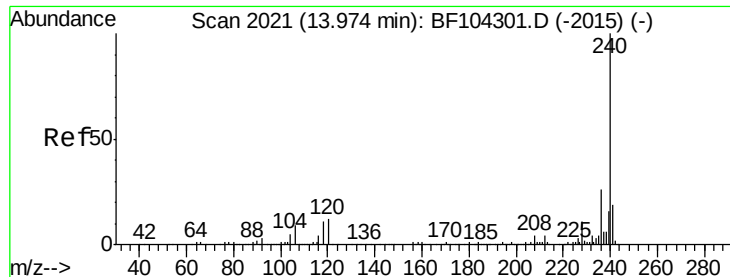
Tot Ion:	165	Resp:	17954
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	2.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF104872.D
 Acq: 27 Apr 2018 9:38

Tgt Ion:	188	Resp:	222257
Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	10.8	9.2	13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF104872.D

Acq: 27 Apr 2018 9:38

Instrument :

BNA_F

ClientSampleId :

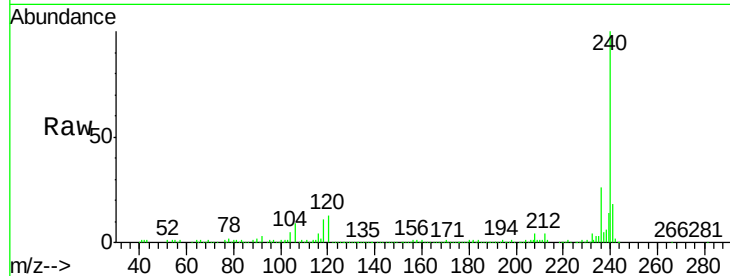
Tot Ion:240 Resp: 219899

Ion Ratio Lower Upper

240 100

120 12.9 9.5 14.3

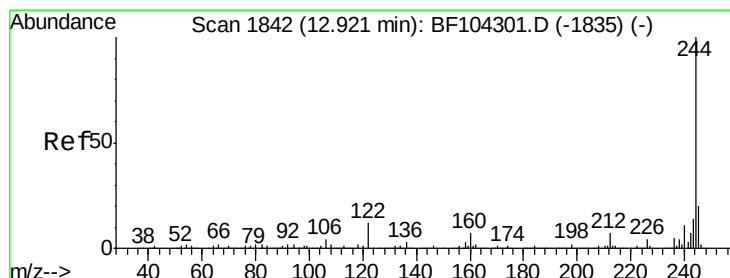
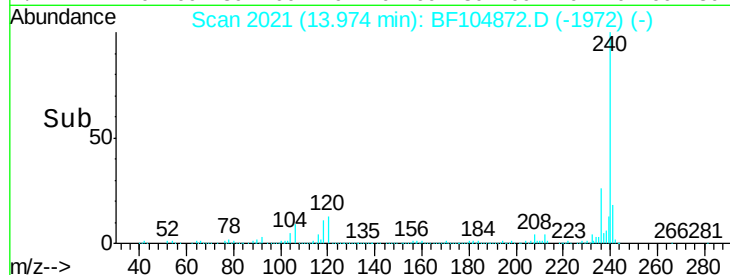
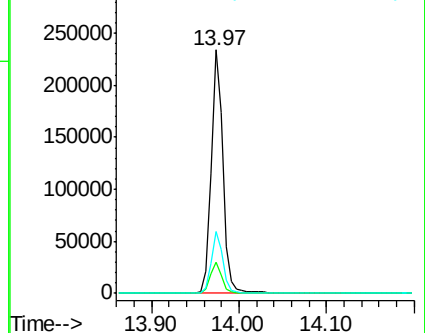
236 25.5 20.7 31.1



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: 7.525 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.01 min

Lab File: BF104872.D

Acq: 27 Apr 2018 9:38

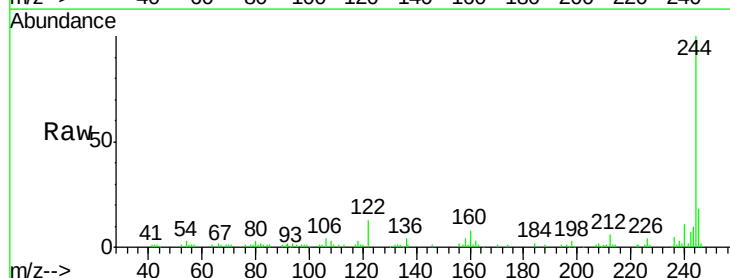
Tgt Ion:244 Resp: 72582

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

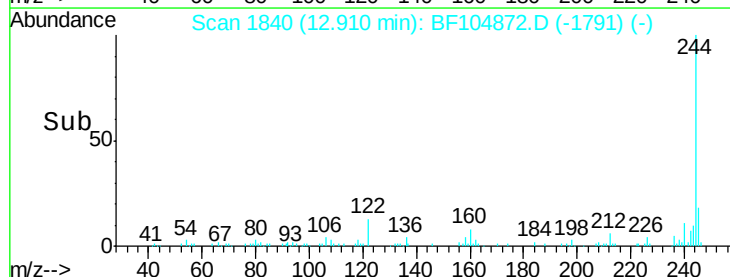
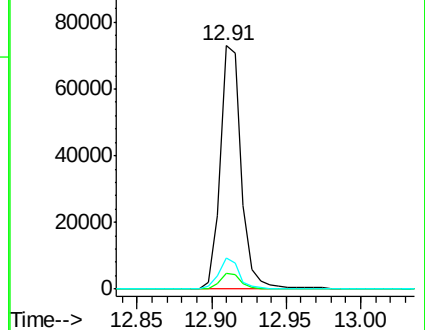
122 12.8 11.0 16.4

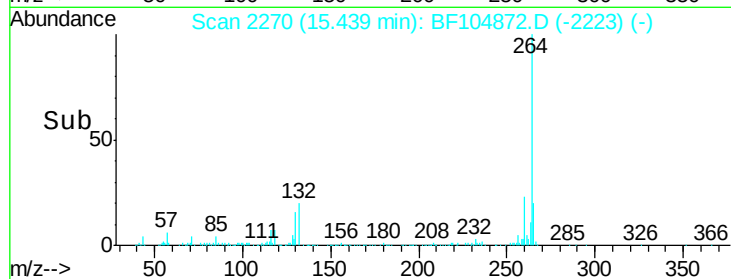
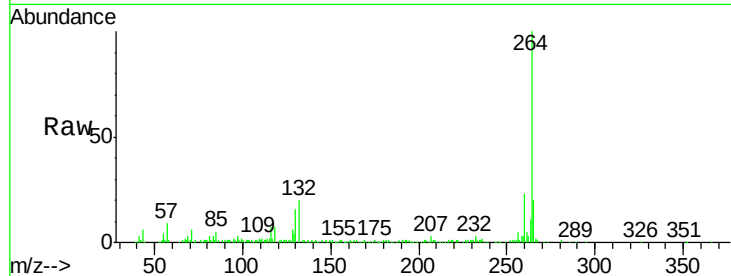
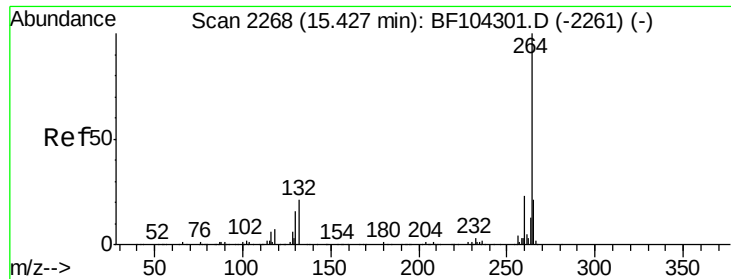


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.44 min Scan# 2270
Delta R.T. -0.02 min
Lab File: BF104872.D
Acq: 27 Apr 2018 9:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.2	19.2	28.8	
265	19.9	17.5	26.3	

