

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040318\
 Data File : BF104222.D
 Acq On : 4 Apr 2018 11:58
 Operator : JU/SJ
 Sample : J2173-03DL2 100X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 04 12:30:52 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 03 15:22:43 2018
 Response via : Initial Calibration

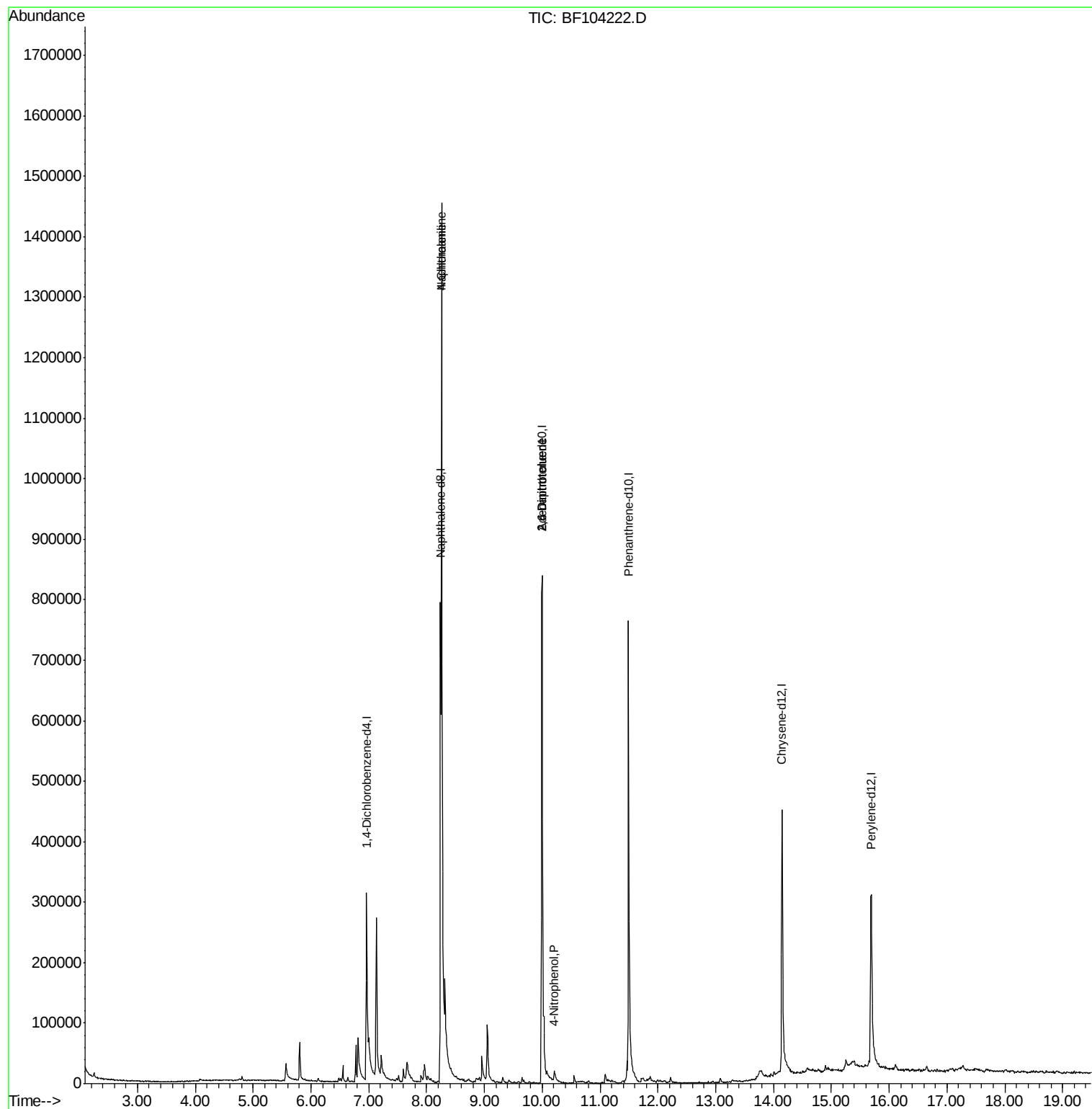
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	109154	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	508804	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	231745	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	406220	20.00	ng	0.00
75) Chrysene-d12	14.14	240	245967	20.00	ng	-0.01
86) Perylene-d12	15.69	264	218177	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	226	0.03	ng	0.15
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	7.56	82	671	0.08	ng	0.03
41) 2,4,6-Tribromophenol	10.80	330	881	0.34	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	10056	0.68	ng	0.00
78) Terphenyl-d14	13.08	244	7389	0.69	ng	0.00
Target Compounds						
9) Benzaldehyde	6.52	77	237	Below Cal		Qvalue
31) Naphthalene	8.26	128	960504	38.641	ng	# 1
33) 4-Chloroaniline	8.26	127	121888	11.631	ng	# 99
50) 2,6-Dinitrotoluene	9.99	165	28806	7.318	ng	# 34
55) 4-Nitrophenol	10.21	139	6578	2.424	ng	# 26
56) 2,4-Dinitrotoluene	9.99	165	29273	5.828	ng	# 9
						# 23

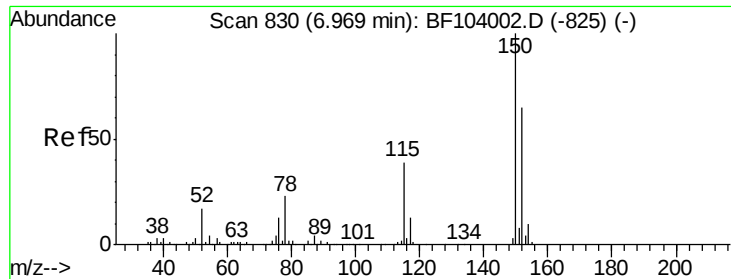
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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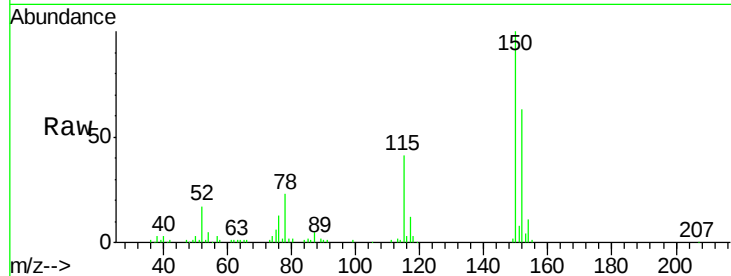


#1

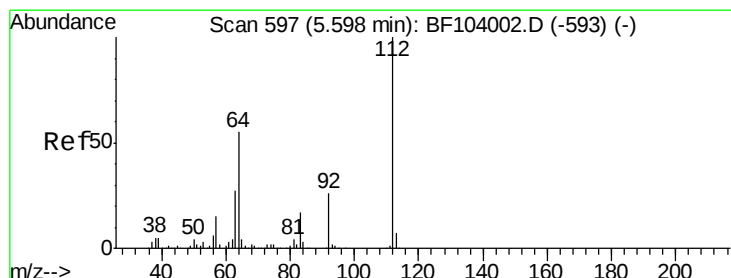
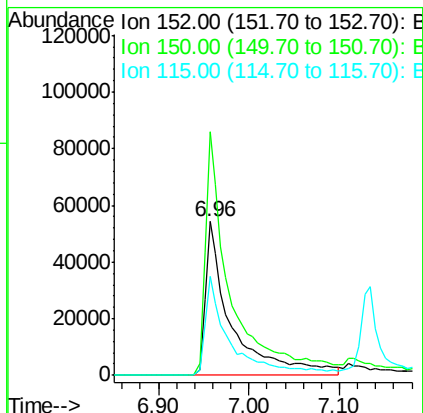
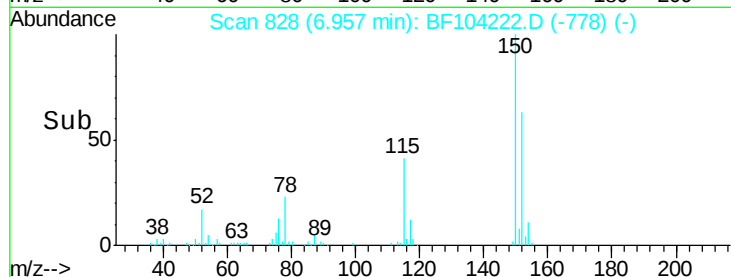
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF104222.D
Acq: 4 Apr 2018 11:58

Instrument :
BNA_F
ClientSampled :

Tot Ion	152	Resp	109154
Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.6	186.8
115	64.5	50.1	75.1



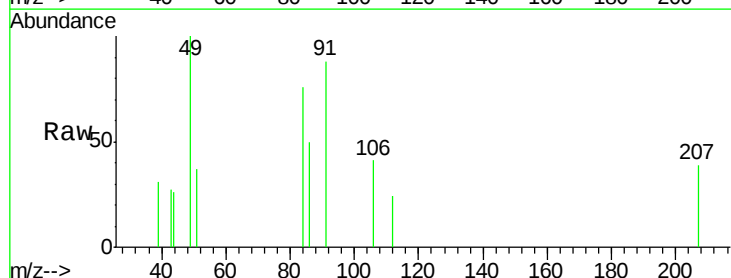
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



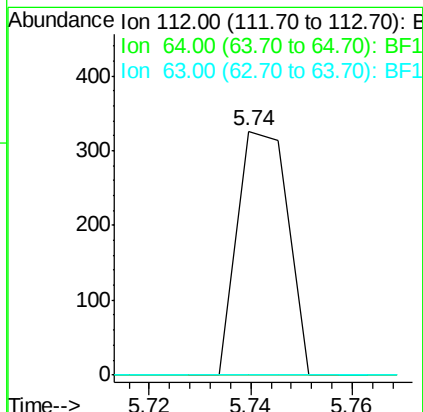
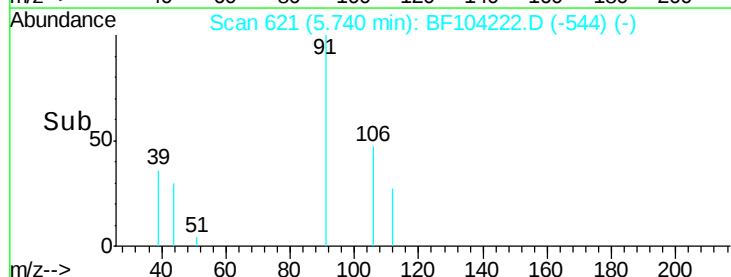
#5

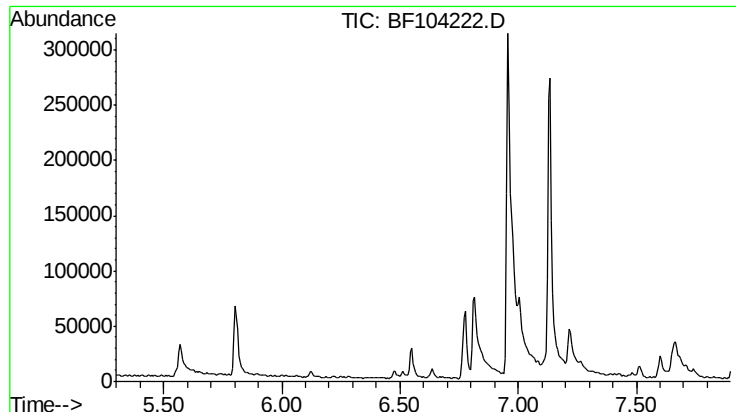
2-Fluorophenol
Concen: 0.033 ng
RT: 5.74 min Scan# 621
Delta R.T. 0.15 min
Lab File: BF104222.D
Acq: 4 Apr 2018 11:58

Tgt Ion	112	Resp	226
Ion	Ratio	Lower	Upper
112	100		
64	0.0	47.9	71.9#
63	0.0	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

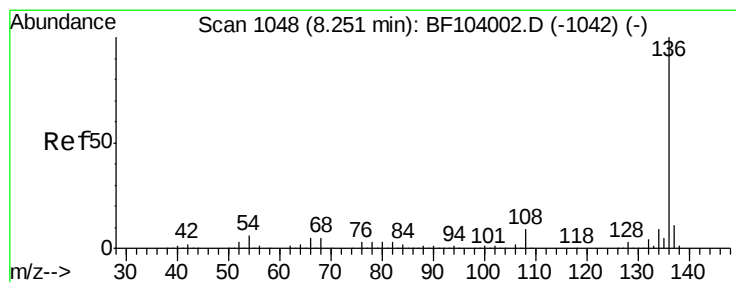
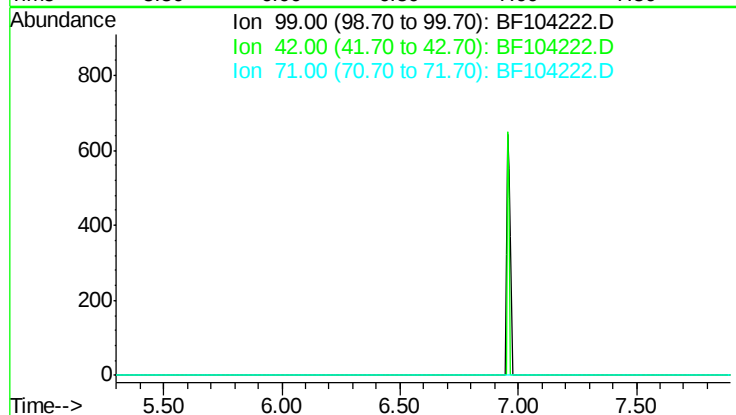




#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.60 min
 Lab File: BF104222.D
 Acq: 4 Apr 2018 11:58

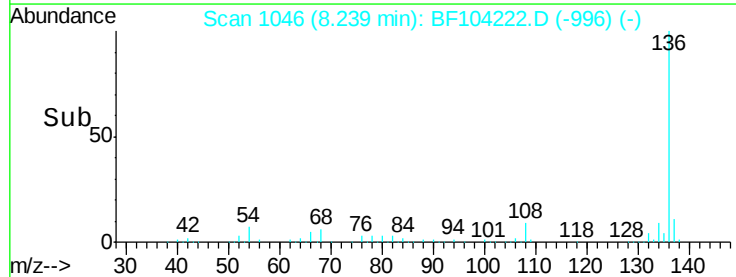
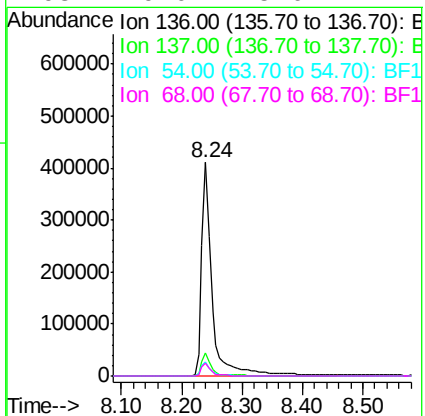
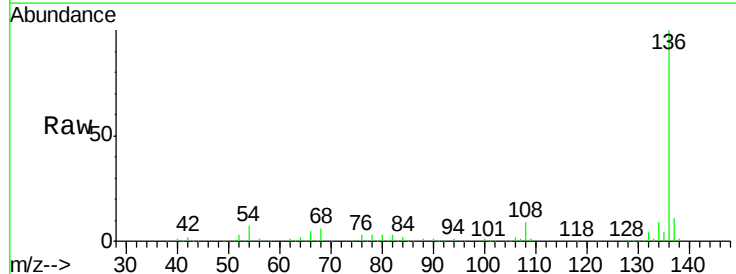
Instrument :
 BNA_F
 ClientSampleId :

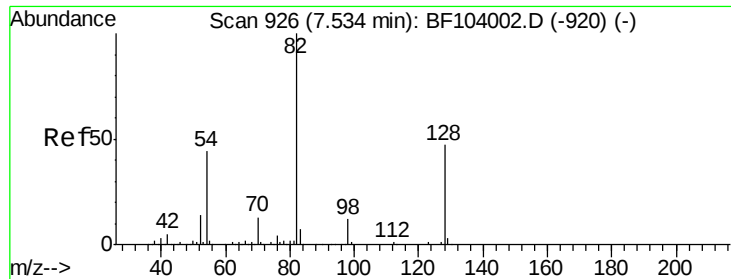
Tot Ion: 99
 Sig Exp Ratio
 99 100
 42 18.1
 71 31.7



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.24 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BF104222.D
 Acq: 4 Apr 2018 11:58

Tgt Ion: 136 Resp: 508804
 Ion Ratio Lower Upper
 136 100
 137 11.1 8.9 13.3
 54 6.6 6.6 9.8
 68 6.0 5.0 7.4

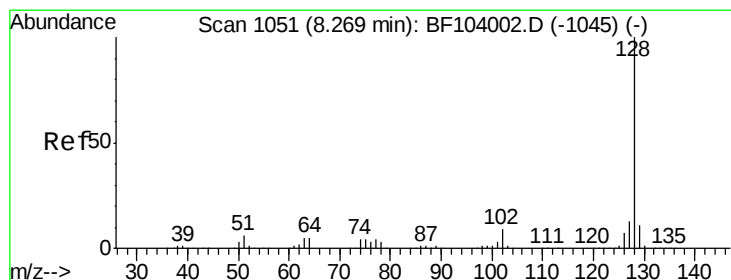
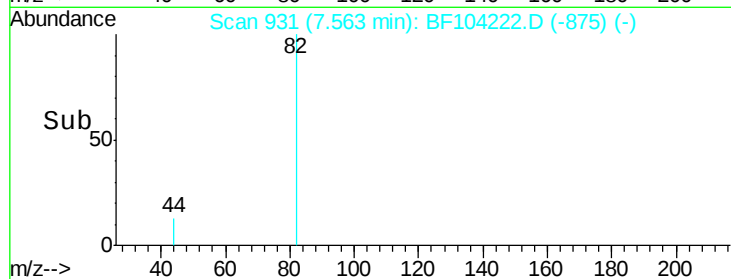
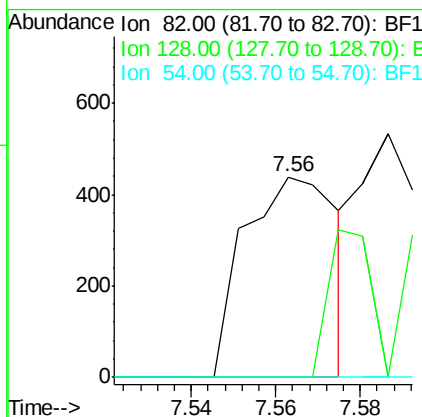
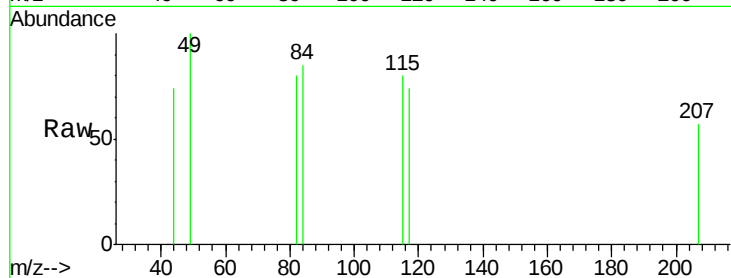




#23
 Nitrobenzene-d5
 Concen: 0.081 ng
 RT: 7.56 min Scan# 931
 Delta R.T. 0.03 min
 Lab File: BF104222.D
 Acq: 4 Apr 2018 11:58

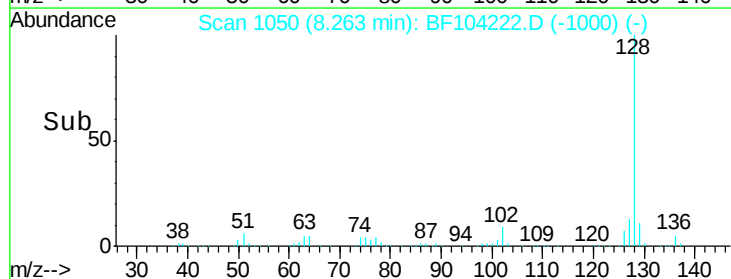
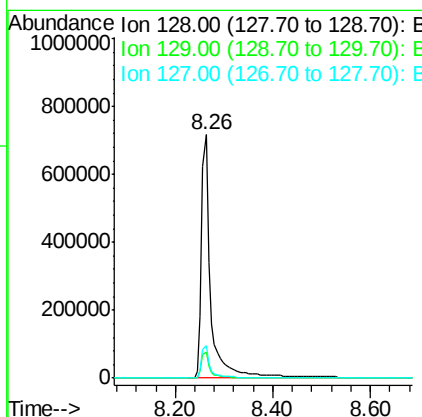
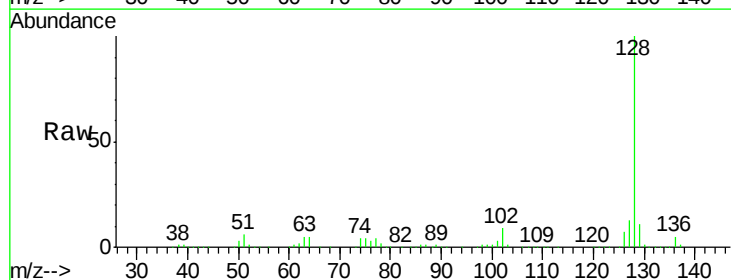
Instrument :
 BNA_F
 ClientSampleId :

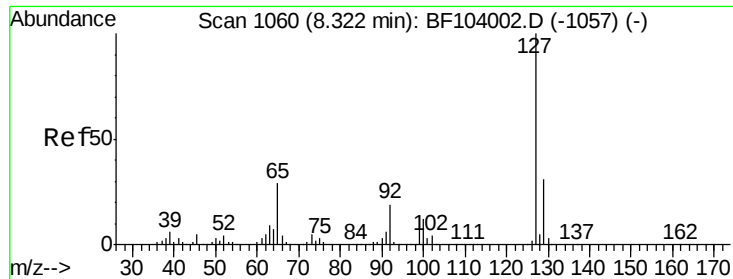
Tot Ion: 82 Resp: 671
 Ion Ratio Lower Upper
 82 100
 128 0.0 36.1 54.1#
 54 0.0 41.4 62.2#



#31
 Naphthalene
 Concen: 38.641 ng
 RT: 8.26 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: BF104222.D
 Acq: 4 Apr 2018 11:58

Tgt Ion: 128 Resp: 960504
 Ion Ratio Lower Upper
 128 100
 129 10.9 8.8 13.2
 127 13.3 10.9 16.3

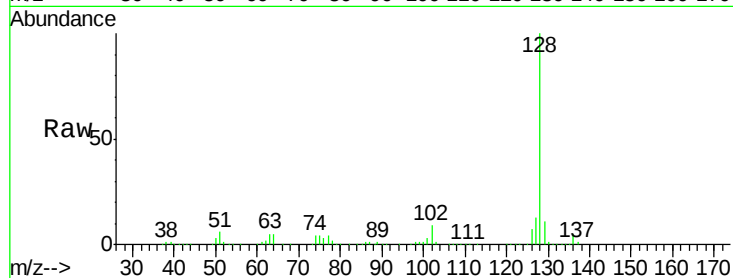




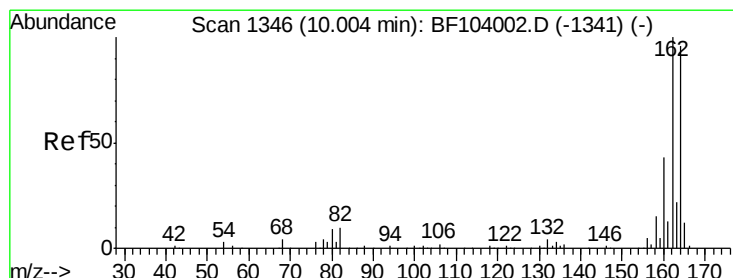
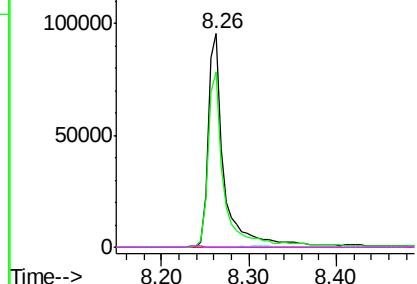
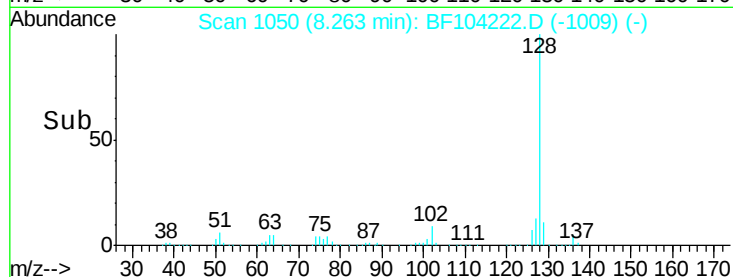
#33
4-Chloroaniline
Concen: 11.631 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.06 min
Lab File: BF104222.D
Acq: 4 Apr 2018 11:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:127 Resp: 121888
Ion Ratio Lower Upper
127 100
129 81.9 25.9 38.9#
65 0.0 25.0 37.4#
92 0.0 15.2 22.8#

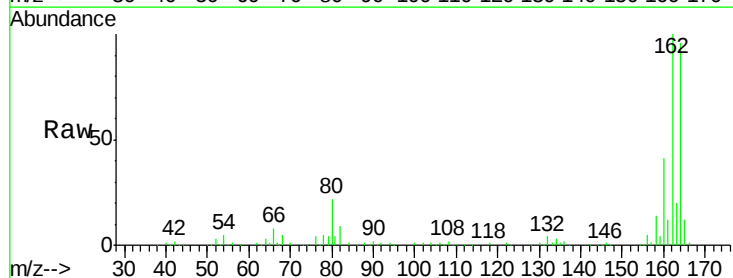


Abundance Ion 127.00 (126.70 to 127.70): E
150000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

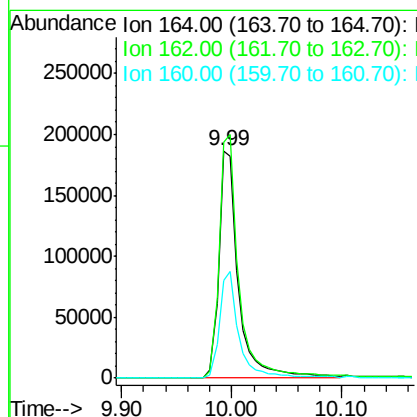
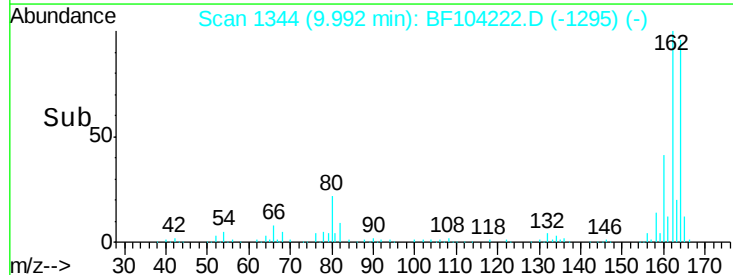


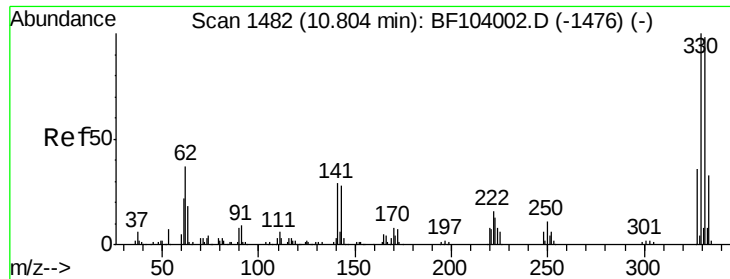
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF104222.D
Acq: 4 Apr 2018 11:58

Tgt Ion:164 Resp: 231745
Ion Ratio Lower Upper
164 100
162 103.7 86.1 129.1
160 43.0 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
250000
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

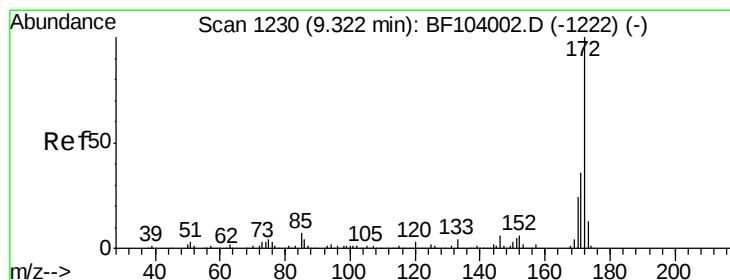
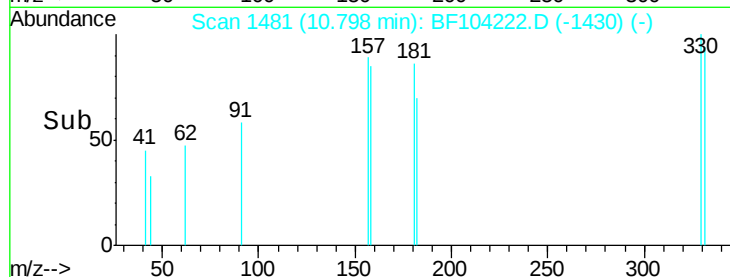
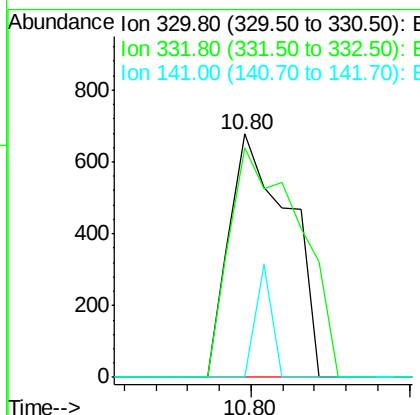
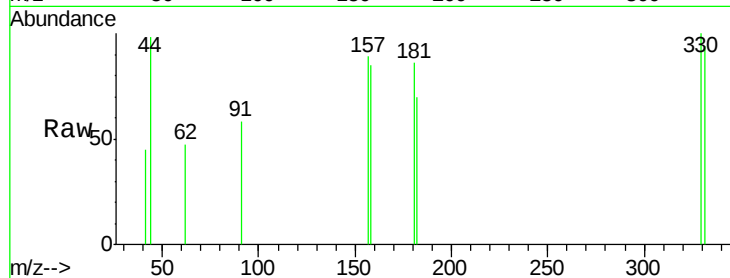




#41
 2,4,6-Tribromophenol
 Concen: 0.341 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: BF104222.D
 Acq: 4 Apr 2018 11:58

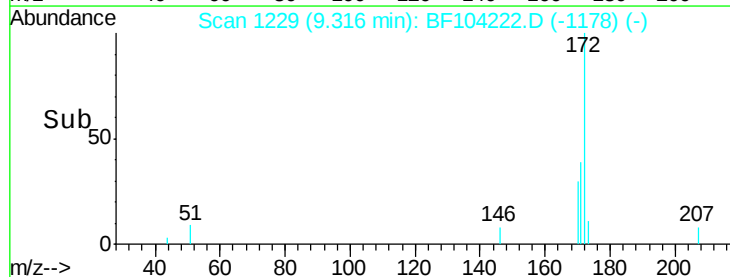
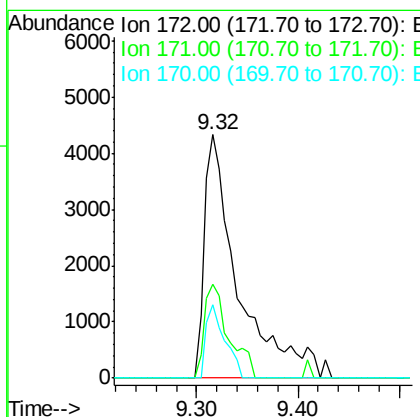
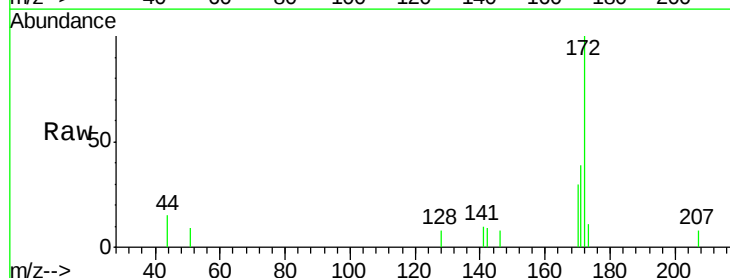
Instrument :
 BNA_F
 ClientSampled :

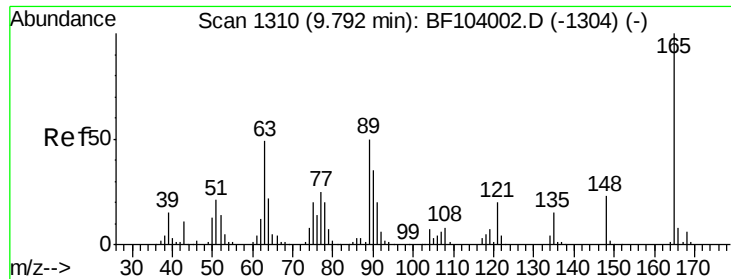
Tot Ion:330 Resp: 881
 Ion Ratio Lower Upper
 330 100
 332 111.4 77.0 115.6
 141 12.6 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 0.684 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: BF104222.D
 Acq: 4 Apr 2018 11:58

Tgt Ion:172 Resp: 10056
 Ion Ratio Lower Upper
 172 100
 171 38.8 29.7 44.5
 170 29.9 19.6 29.4#

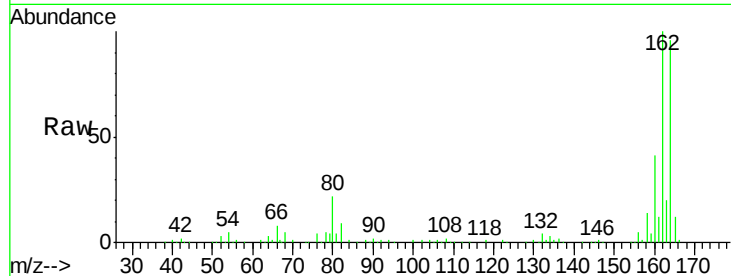




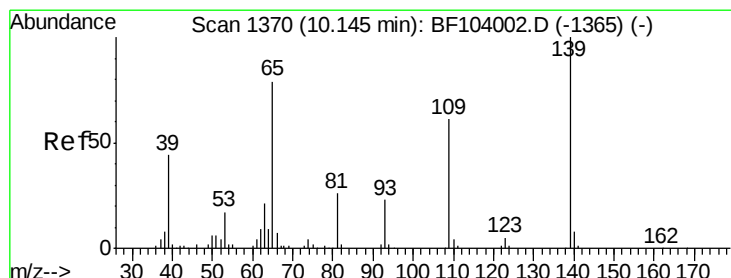
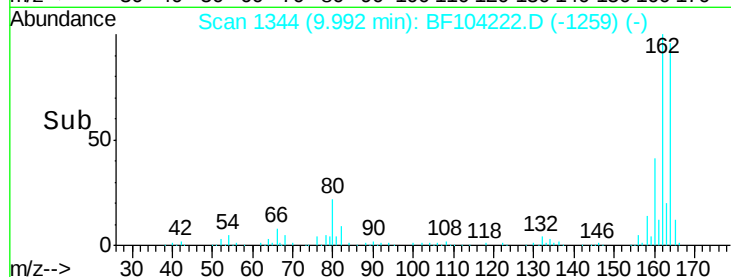
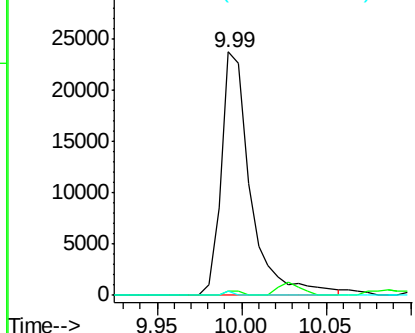
#50
 2,6-Dinitrotoluene
 Concen: 7.318 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. 0.20 min
 Lab File: BF104222.D
 Acq: 4 Apr 2018 11:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 28806
 Ion Ratio Lower Upper
 165 100
 63 1.7 44.7 67.1#
 89 1.5 44.0 66.0#

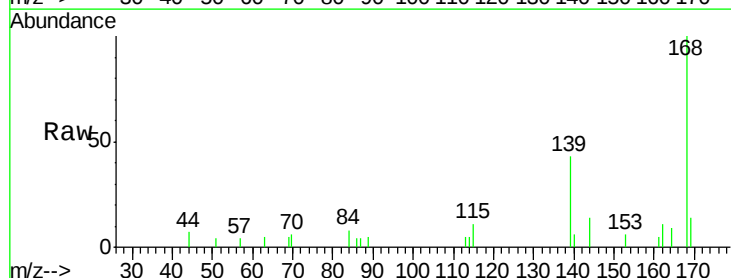


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

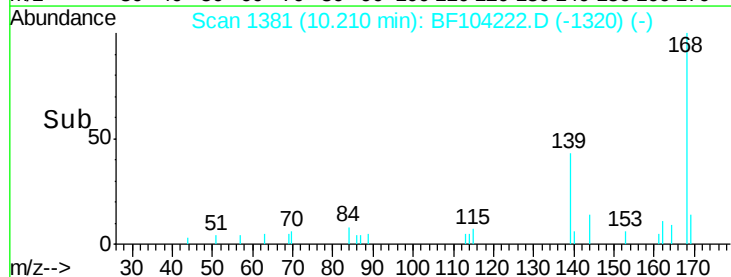
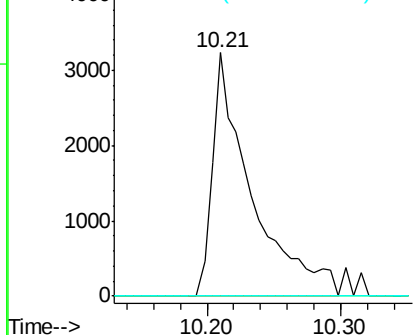


#55
 4-Nitrophenol
 Concen: 2.424 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. 0.06 min
 Lab File: BF104222.D
 Acq: 4 Apr 2018 11:58

Tgt Ion:139 Resp: 6578
 Ion Ratio Lower Upper
 139 100
 109 0.0 48.4 88.4#
 65 0.0 72.6 112.6#



Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BF1

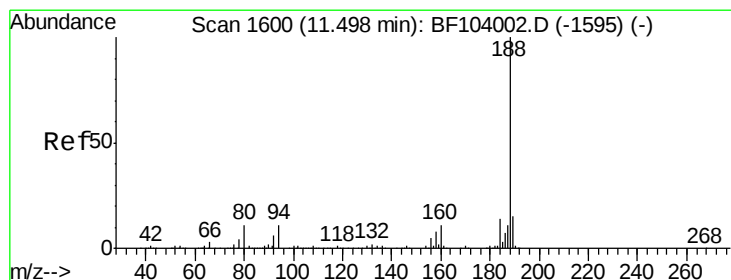
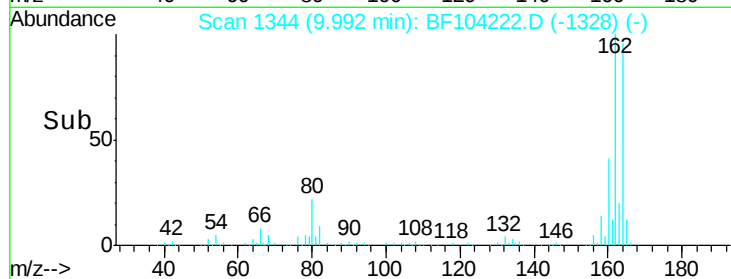
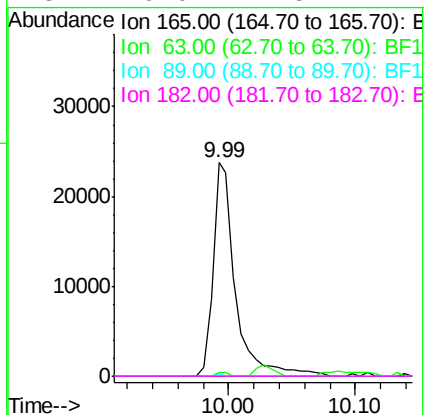
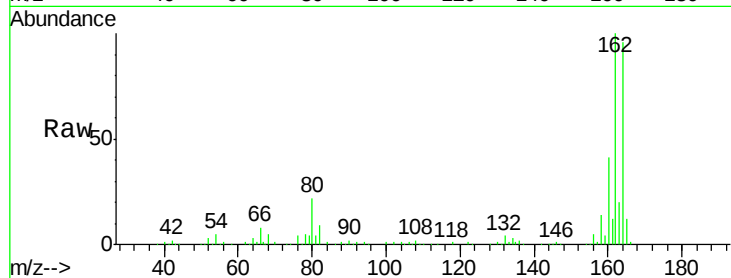




#56
 2,4-Dinitrotoluene
 Concen: 5.828 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. -0.21 min
 Lab File: BF104222.D
 Acq: 4 Apr 2018 11:58

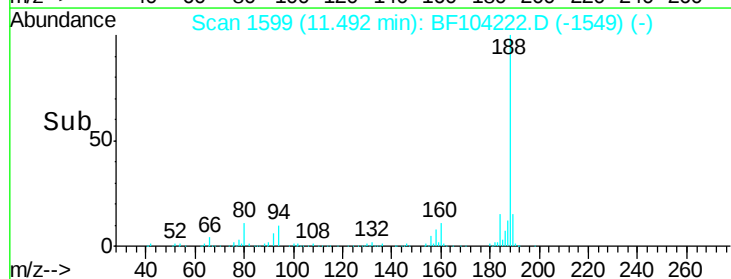
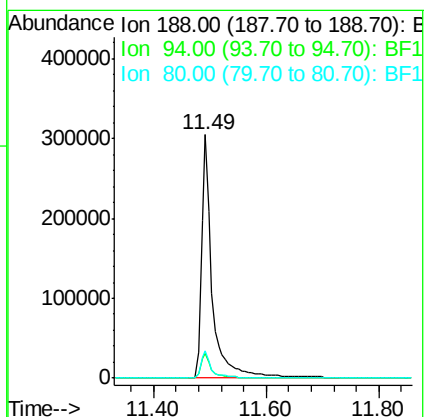
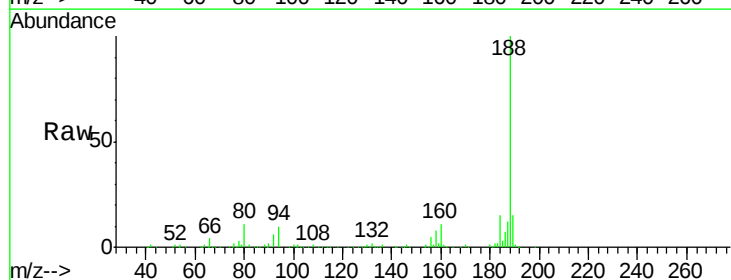
Instrument :
 BNA_F
 ClientSampleId :

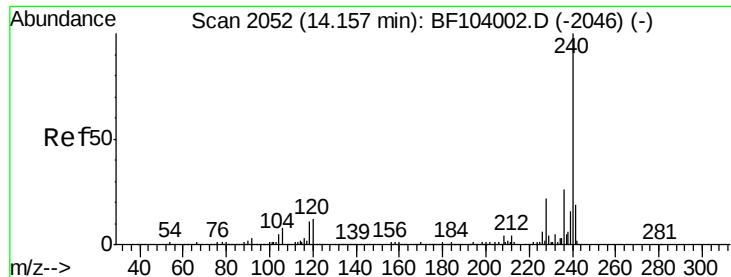
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BF104222.D
 Acq: 4 Apr 2018 11:58

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	11.2	9.2	13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BF104222.D

Acq: 4 Apr 2018 11:58

Instrument :

BNA_F

ClientSampleId :

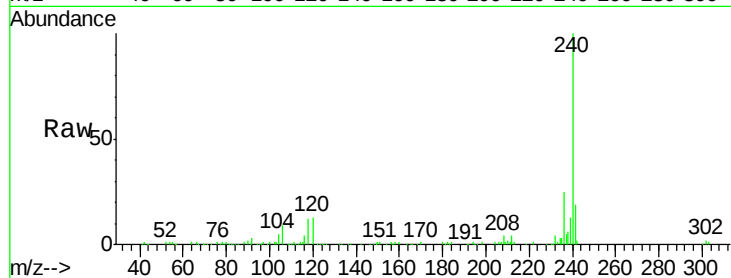
Tot Ion:240 Resp: 245967

Ion Ratio Lower Upper

240 100

120 13.3 9.5 14.3

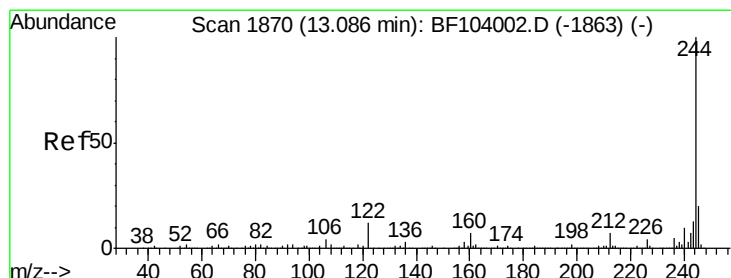
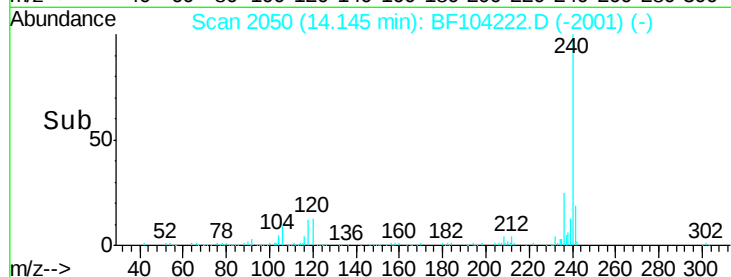
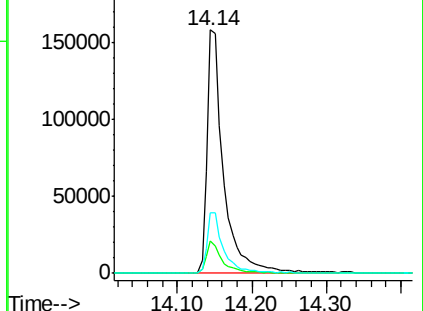
236 25.0 20.7 31.1



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: 0.694 ng

RT: 13.08 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BF104222.D

Acq: 4 Apr 2018 11:58

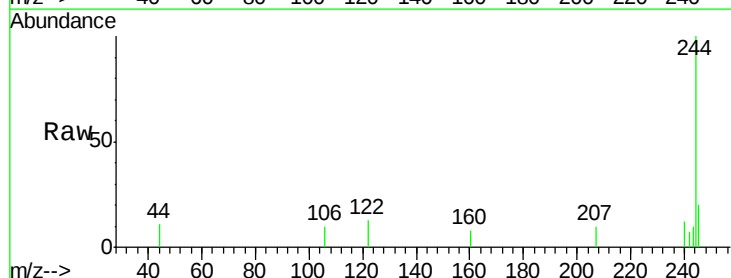
Tgt Ion:244 Resp: 7389

Ion Ratio Lower Upper

244 100

212 0.0 5.4 8.0#

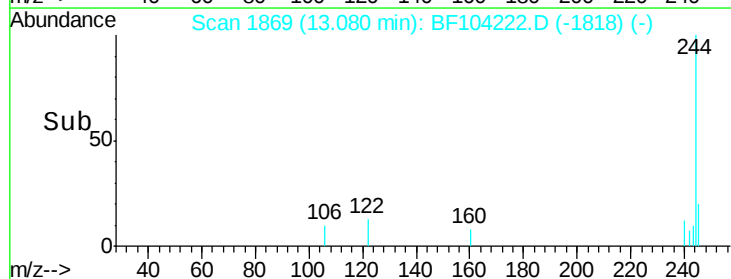
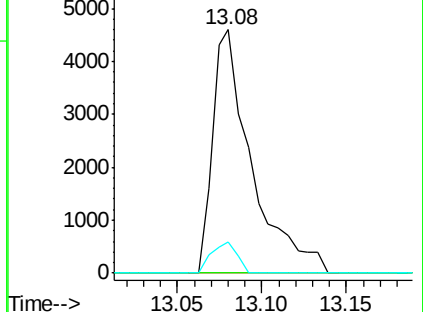
122 12.8 11.0 16.4

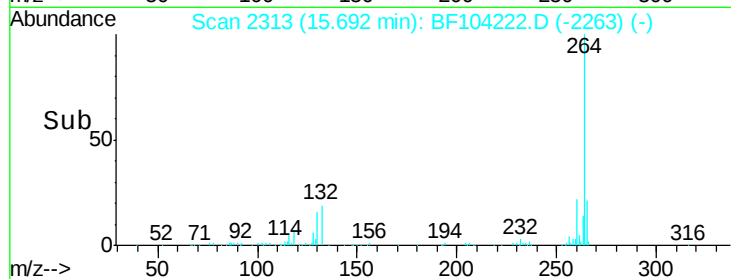
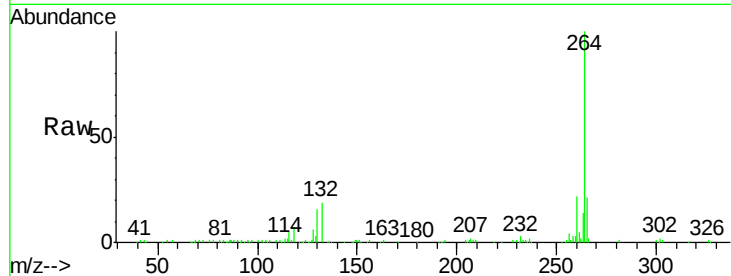
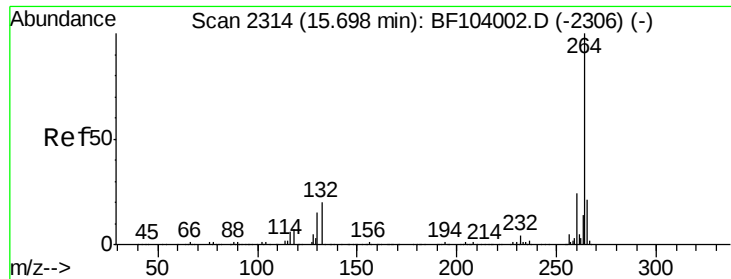


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.69 min Scan# 2313
Delta R.T. -0.01 min
Lab File: BF104222.D
Acq: 4 Apr 2018 11:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.1	19.2	28.8
265	20.8	17.5	26.3

