

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
 Data File : BF104264.D
 Acq On : 5 Apr 2018 9:22
 Operator : JU/SJ
 Sample : J2179-06
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 05 10:49:23 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:06:58 2018
 Response via : Initial Calibration

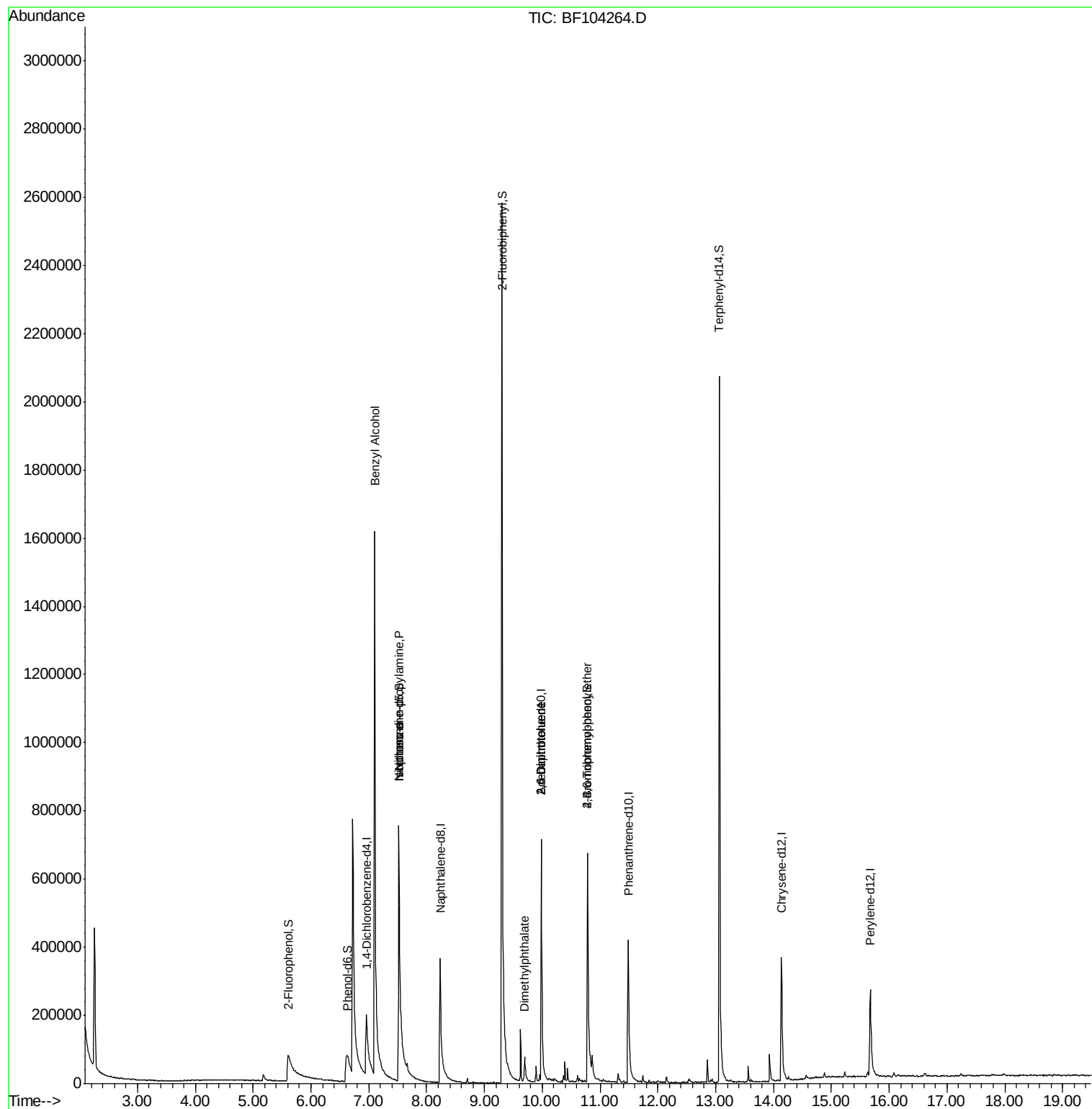
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	100793	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	456244	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	202661	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	319367	20.00	ng	0.00
75) Chrysene-d12	14.14	240	221925	20.00	ng	0.00
86) Perylene-d12	15.67	264	199978	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	176565	27.94	ng	0.01
7) Phenol-d6	6.62	99	196484	25.27	ng	0.02
23) Nitrobenzene-d5	7.52	82	692687	92.85	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	165849	73.49	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1344753	104.64	ng	0.00
78) Terphenyl-d14	13.06	244	954202	99.28	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.10	79	10478	2.072	ng	# 41
19) n-Nitroso-di-n-propylamine	7.52	70	75119	16.278	ng	# 73
25) Isophorone	7.52	82	692687	50.382	ng	# 64
49) Dimethylphthalate	9.70	163	58526	3.658	ng	# 97
50) 2,6-Dinitrotoluene	9.99	165	24070	6.992	ng	# 24
56) 2,4-Dinitrotoluene	9.99	165	24803	5.646	ng	# 21
66) 4-Bromophenyl-phenylether	10.78	248	9352	2.737	ng	# 1

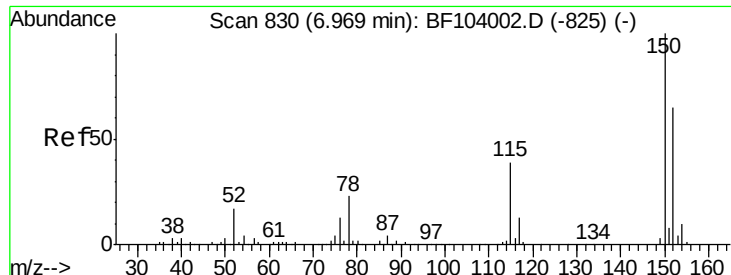
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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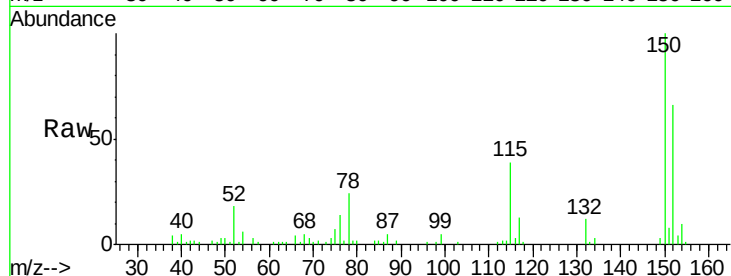


#1

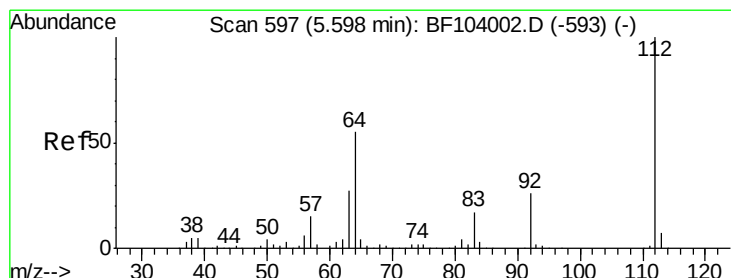
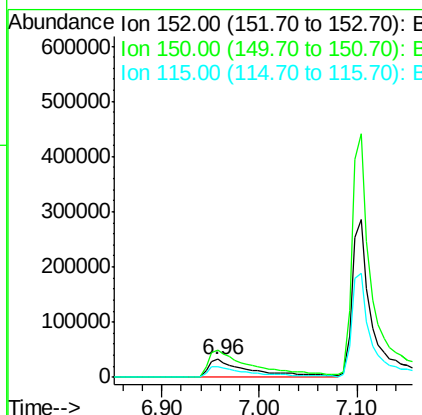
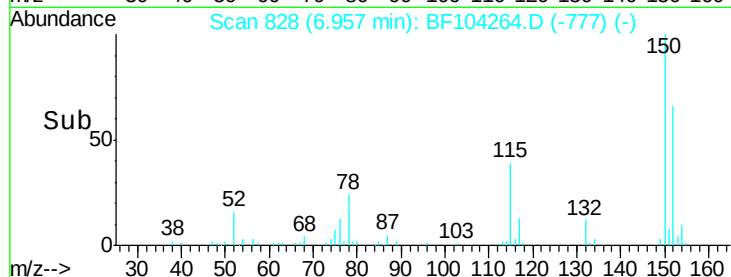
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF104264.D
Acq: 5 Apr 2018 9:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 100793
Ion Ratio Lower Upper
152 100
150 151.4 124.6 186.8
115 59.4 50.1 75.1



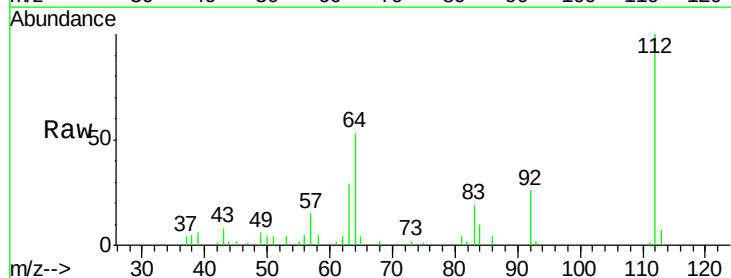
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



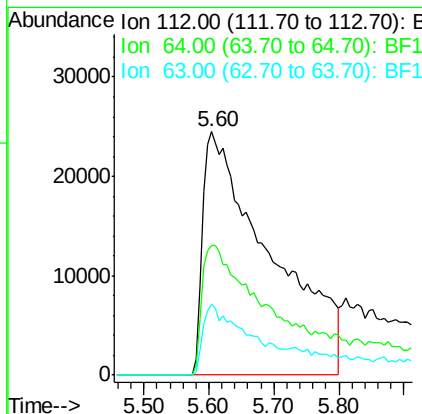
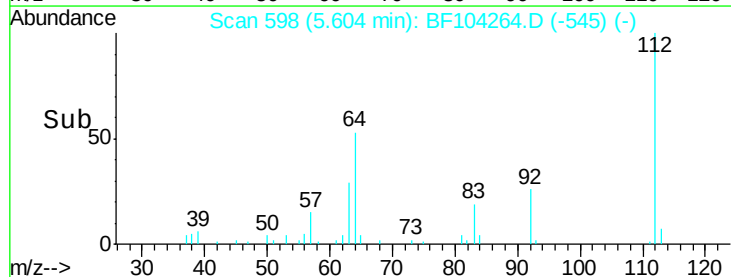
#5

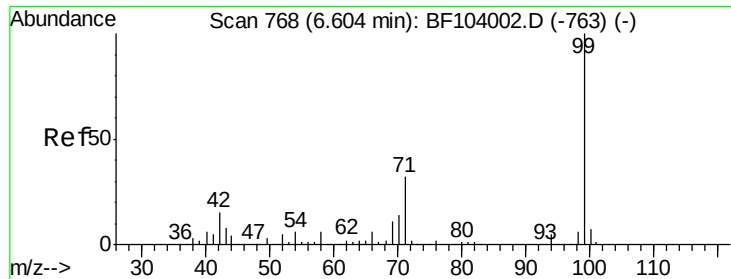
2-Fluorophenol
Concen: 27.936 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF104264.D
Acq: 5 Apr 2018 9:22

Tgt Ion:112 Resp: 176565
Ion Ratio Lower Upper
112 100
64 53.0 47.9 71.9
63 28.9 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: 25.268 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.02 min

Lab File: BF104264.D

Acq: 5 Apr 2018 9:22

Instrument :

BNA_F

ClientSampleId :

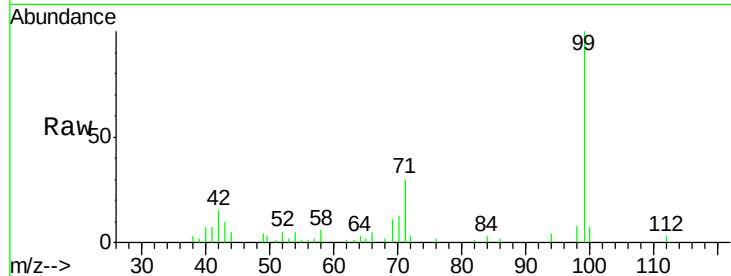
Tot Ion: 99 Resp: 196484

Ion Ratio Lower Upper

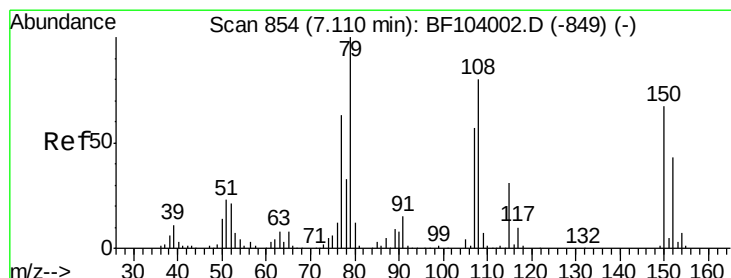
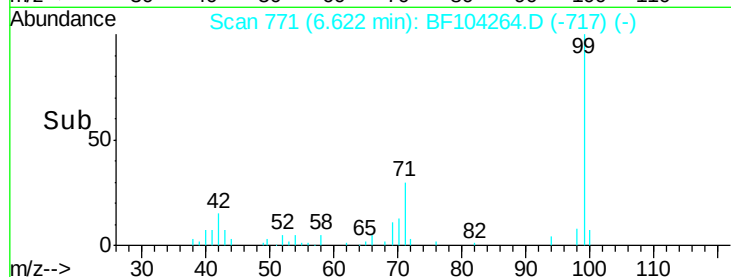
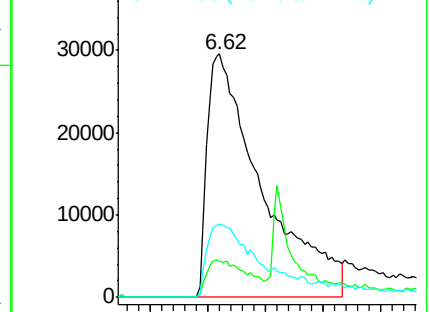
99 100

42 14.9 14.5 21.7

71 29.9 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



#15

Benzyl Alcohol

Concen: 2.072 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF104264.D

Acq: 5 Apr 2018 9:22

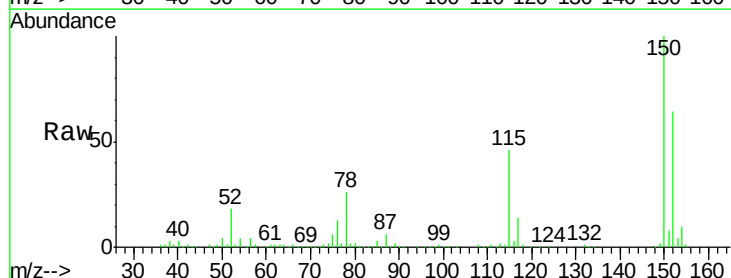
Tgt Ion: 79 Resp: 10478

Ion Ratio Lower Upper

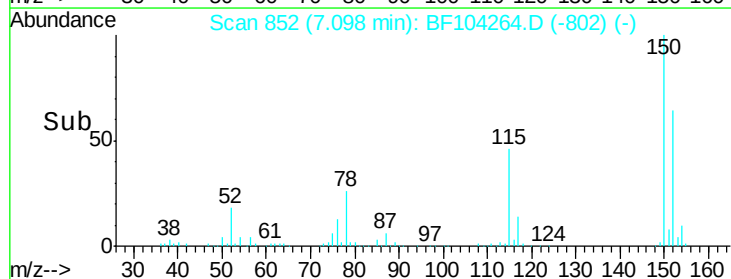
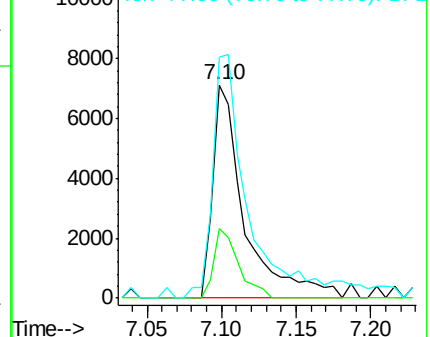
79 100

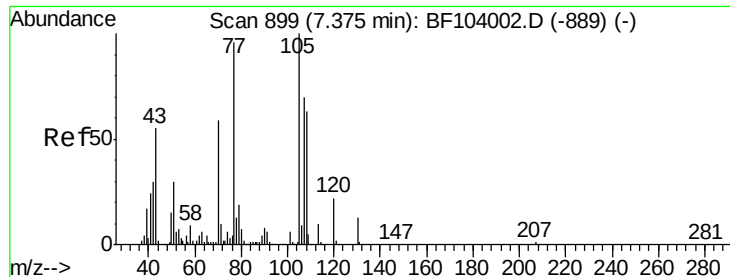
108 32.8 65.1 97.7#

77 113.1 50.6 75.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

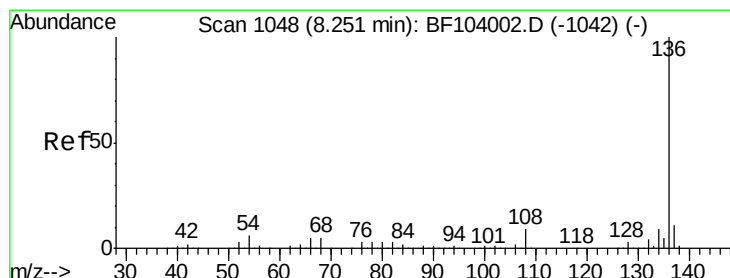
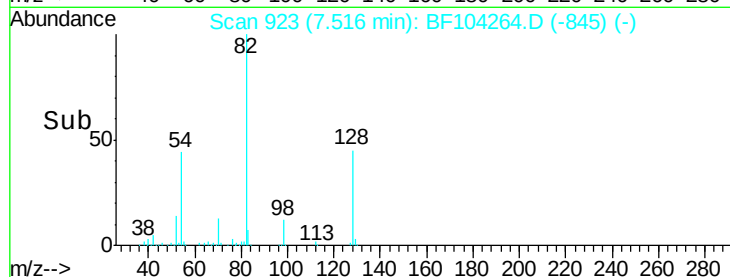
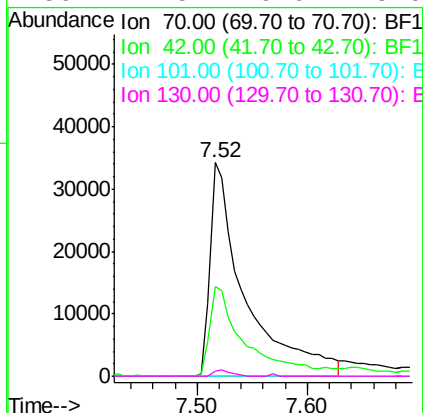
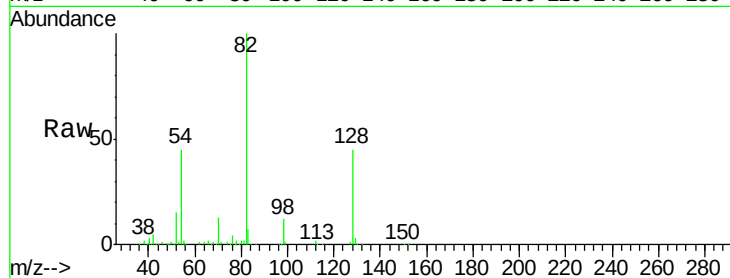




#19
n-Nitroso-di-n-propylamine
Concen: 16.278 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.16 min
Lab File: BF104264.D
Acq: 5 Apr 2018 9:22

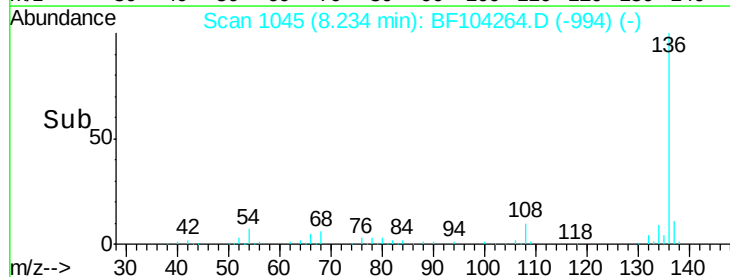
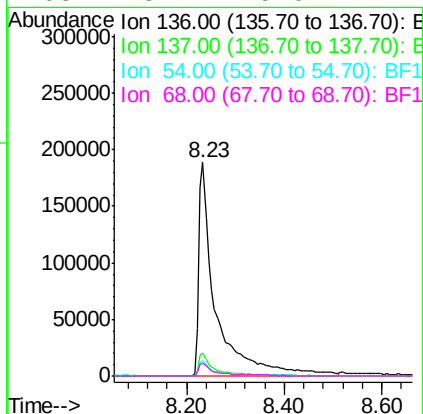
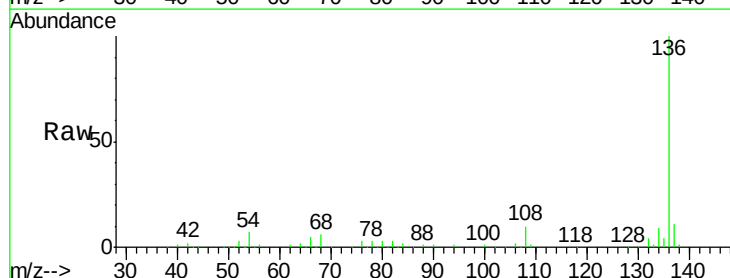
Instrument :
BNA_F
ClientSampled :

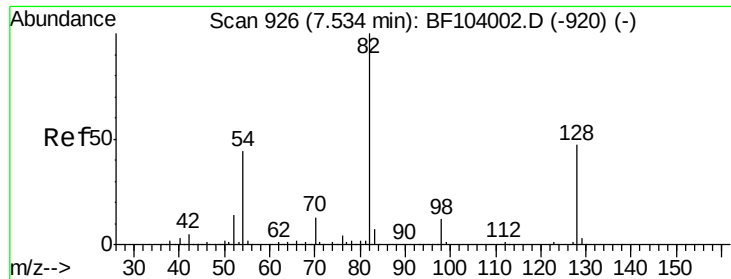
Tot Ion: 70 Resp: 75119
Ion Ratio Lower Upper
70 100
42 42.3 47.5 71.3#
101 0.0 7.4 11.2#
130 2.5 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF104264.D
Acq: 5 Apr 2018 9:22

Tgt Ion:136 Resp: 456244
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.1 6.6 9.8
68 5.7 5.0 7.4

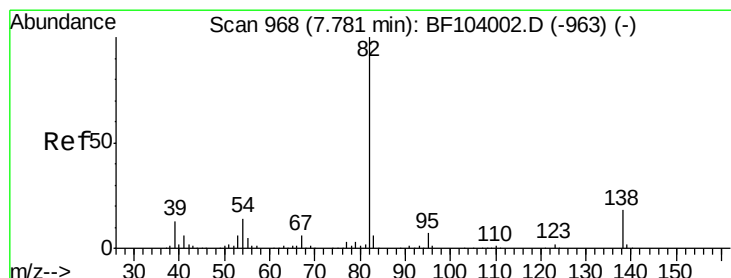
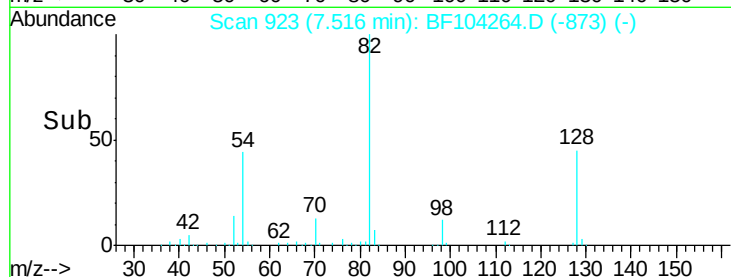
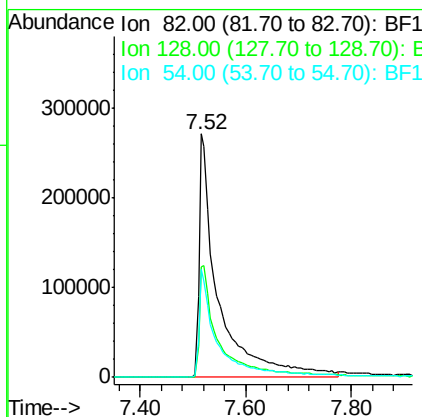
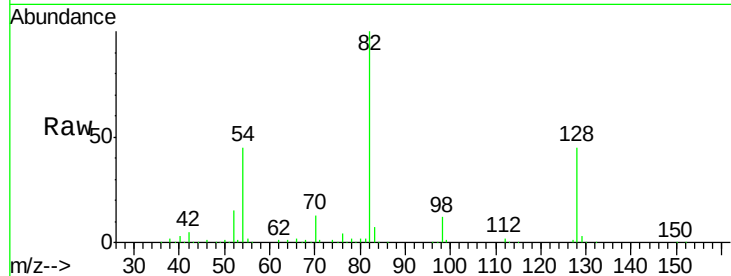




#23
Nitrobenzene-d5
Concen: 92.849 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF104264.D
Acq: 5 Apr 2018 9:22

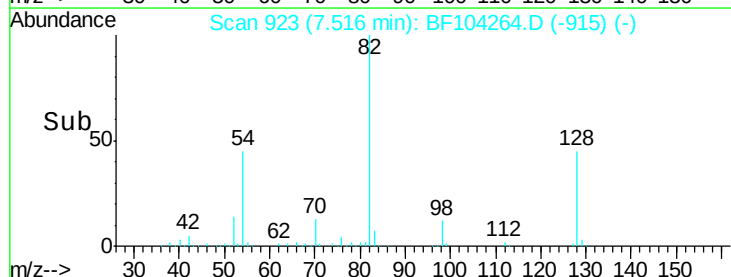
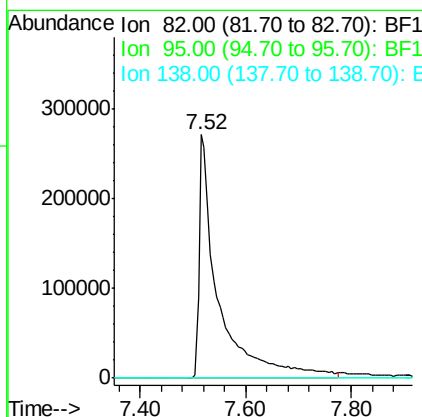
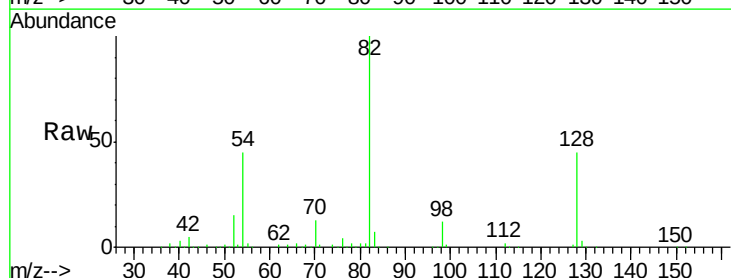
Instrument :
BNA_F
ClientSampled :

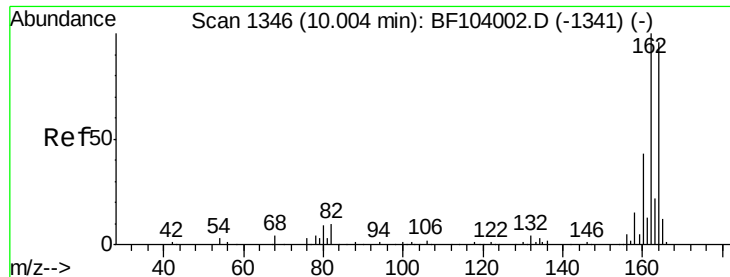
Tot Ion	82	Resp	692687
Ion Ratio	Lower	Upper	
82	100		
128	45.2	36.1	54.1
54	44.5	41.4	62.2



#25
Isophorone
Concen: 50.382 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.25 min
Lab File: BF104264.D
Acq: 5 Apr 2018 9:22

Tgt Ion	82	Resp	692687
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

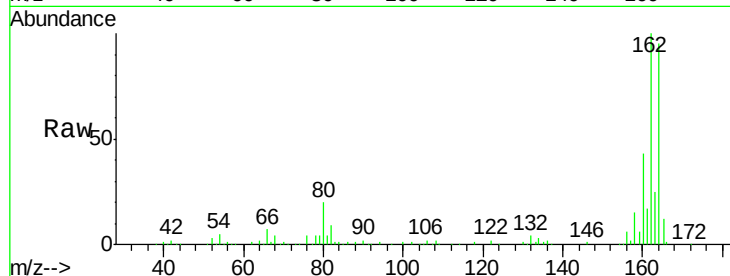




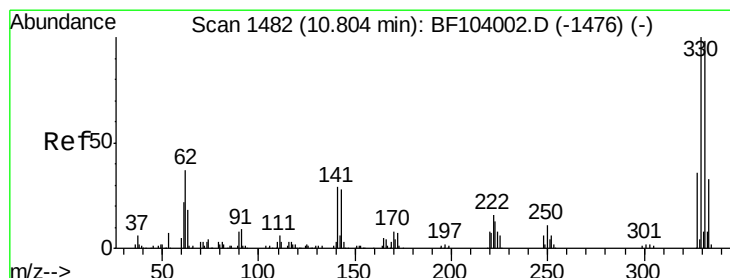
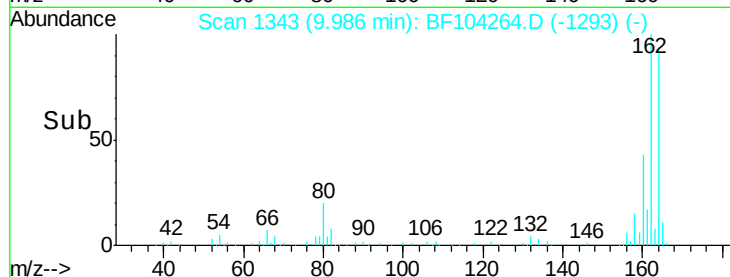
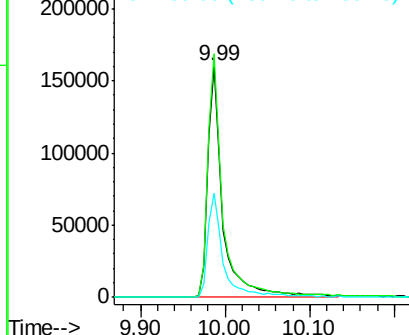
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.01 min
 Lab File: BF104264.D
 Acq: 5 Apr 2018 9:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 202661
 Ion Ratio Lower Upper
 164 100
 162 105.4 86.1 129.1
 160 45.0 38.3 57.5

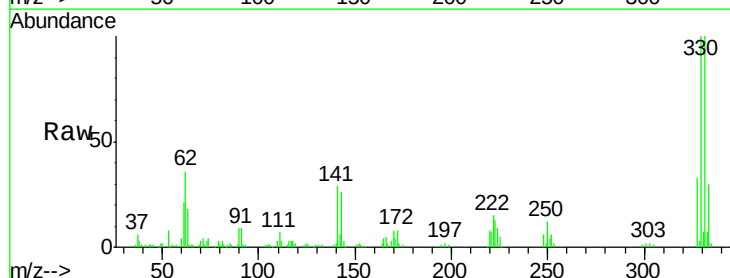


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

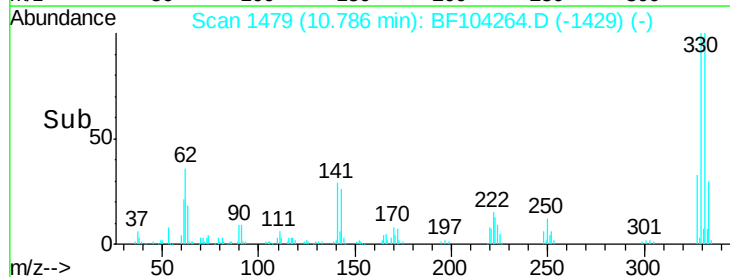
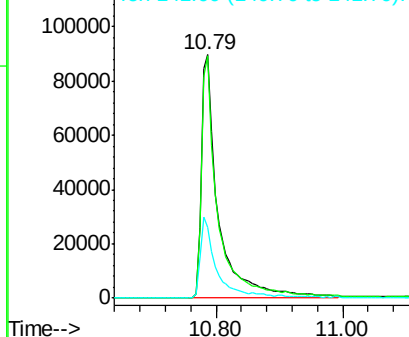


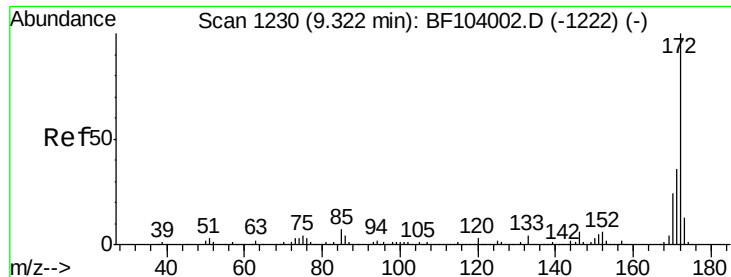
#41
 2,4,6-Tribromophenol
 Concen: 73.494 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF104264.D
 Acq: 5 Apr 2018 9:22

Tgt Ion:330 Resp: 165849
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.0 115.6
 141 32.0 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

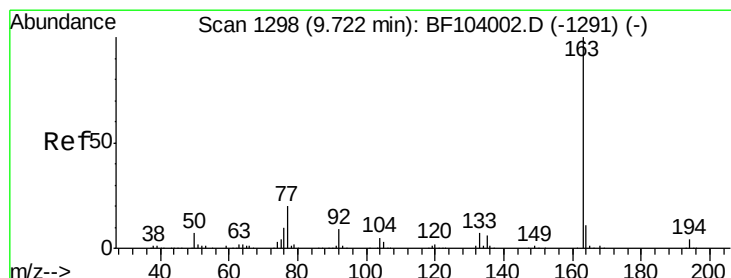
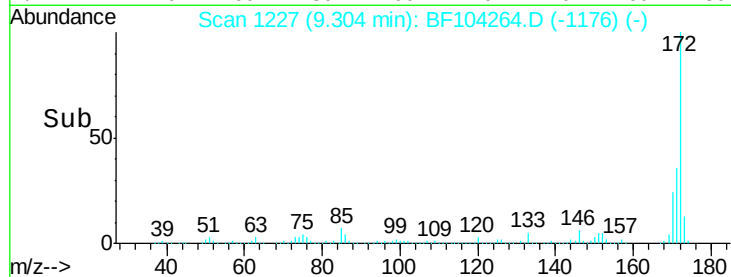
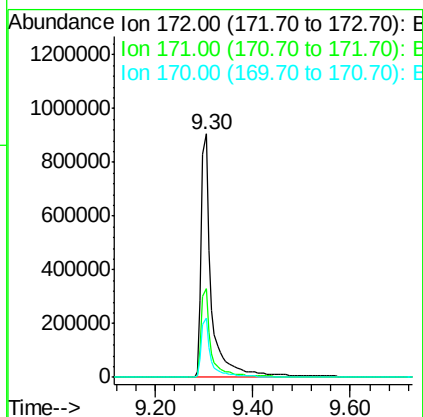
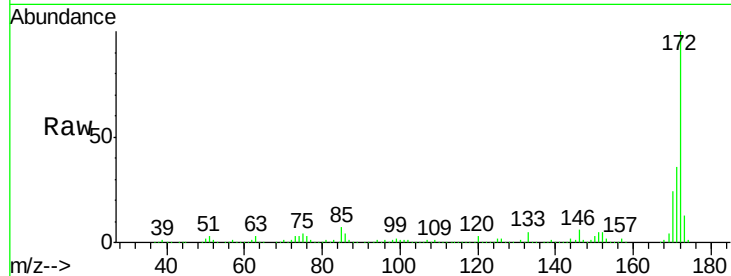




#44
2-Fluorobiphenyl
Concen: 104.636 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.00 min
Lab File: BF104264.D
Acq: 5 Apr 2018 9:22

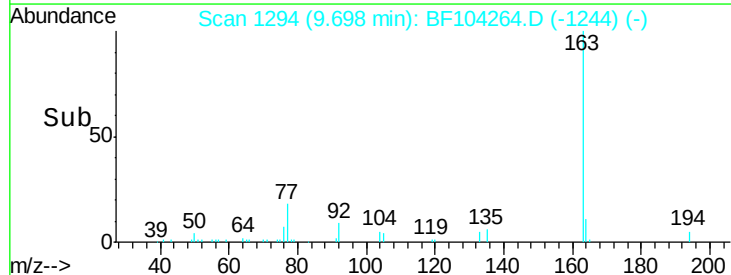
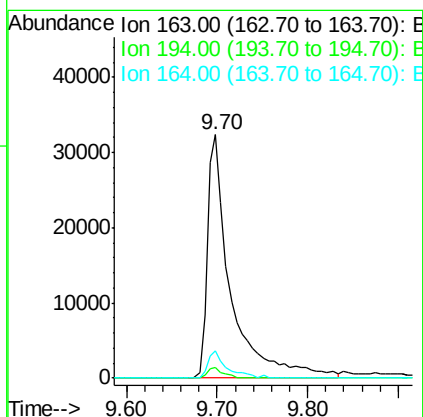
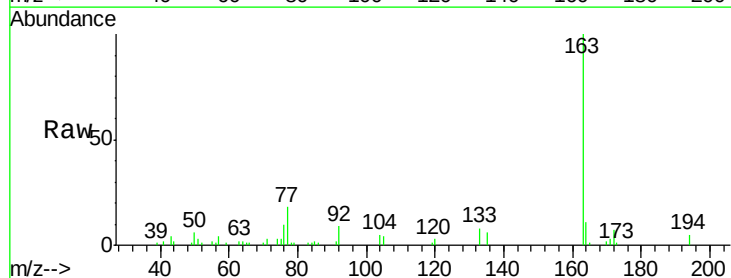
Instrument :
BNA_F
ClientSampleId :

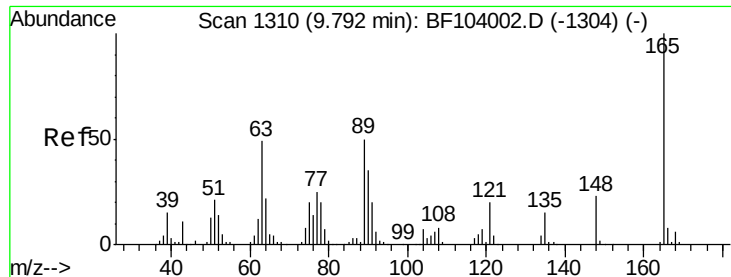
Tot Ion:172 Resp: 1344753
Ion Ratio Lower Upper
172 100
171 36.5 29.7 44.5
170 24.4 19.6 29.4



#49
Dimethylphthalate
Concen: 3.658 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF104264.D
Acq: 5 Apr 2018 9:22

Tgt Ion:163 Resp: 58526
Ion Ratio Lower Upper
163 100
194 4.6 2.7 4.1#
164 11.1 8.2 12.2

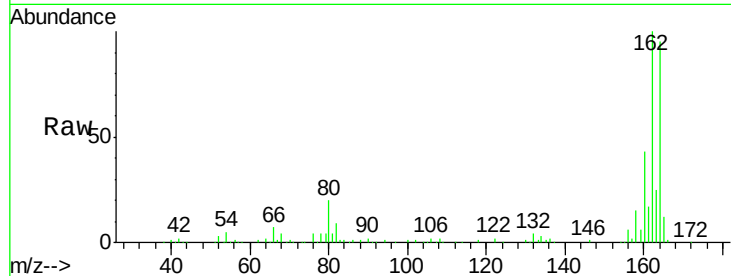




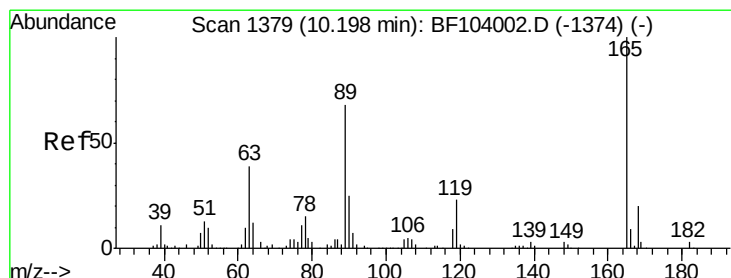
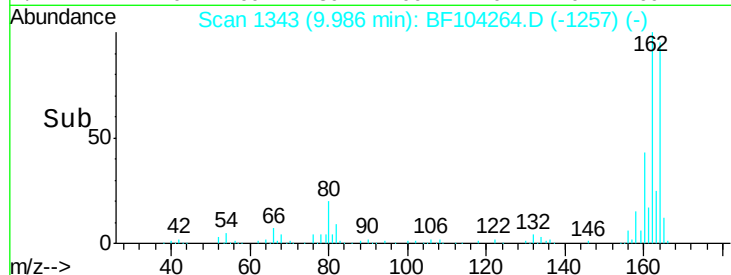
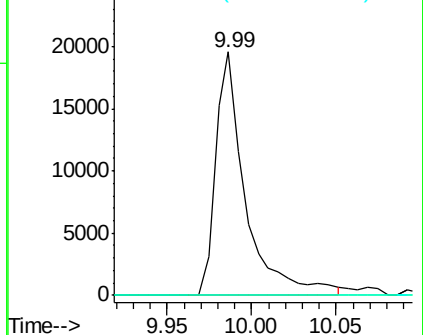
#50
 2,6-Dinitrotoluene
 Concen: 6.992 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.21 min
 Lab File: BF104264.D
 Acq: 5 Apr 2018 9:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 24070
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#

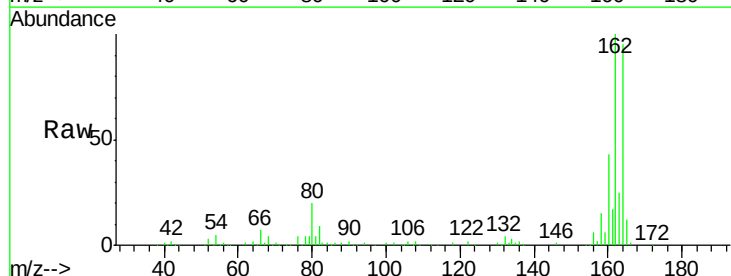


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

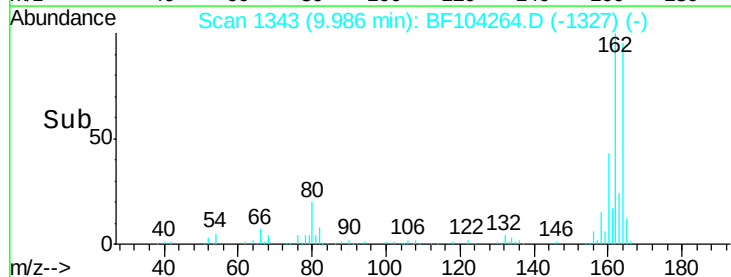
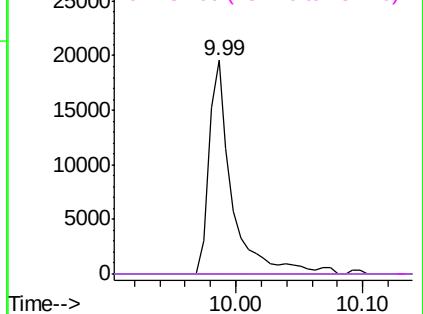


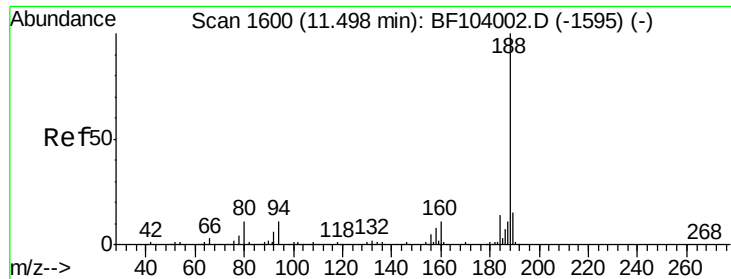
#56
 2,4-Dinitrotoluene
 Concen: 5.646 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.21 min
 Lab File: BF104264.D
 Acq: 5 Apr 2018 9:22

Tgt Ion:165 Resp: 24803
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.4 54.6#
 89 0.0 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

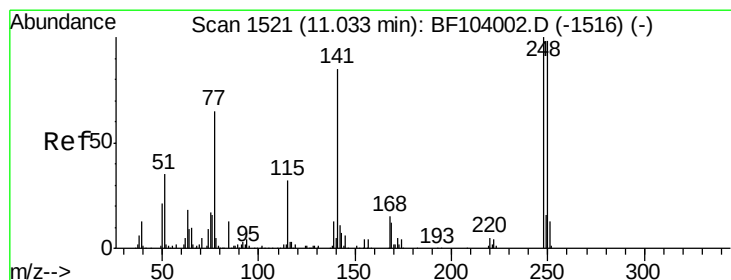
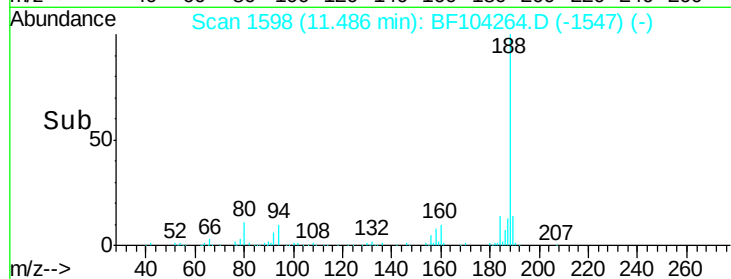
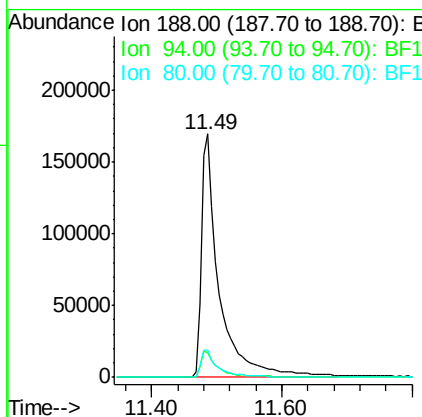
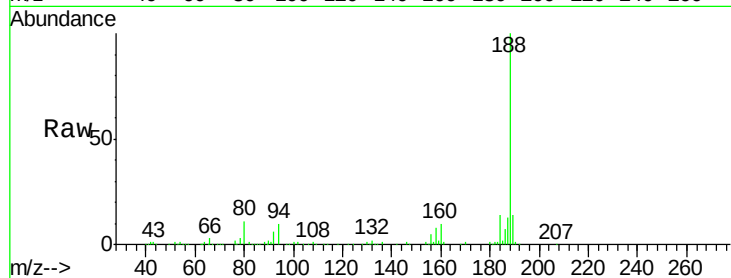




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.00 min
Lab File: BF104264.D
Acq: 5 Apr 2018 9:22

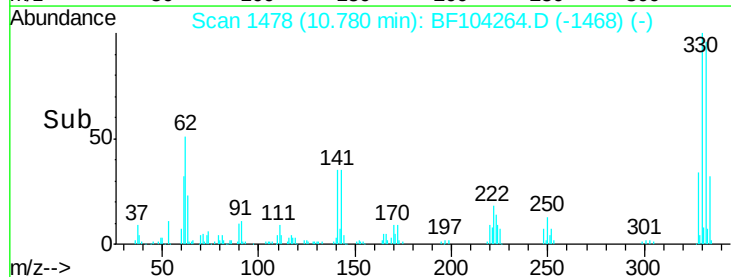
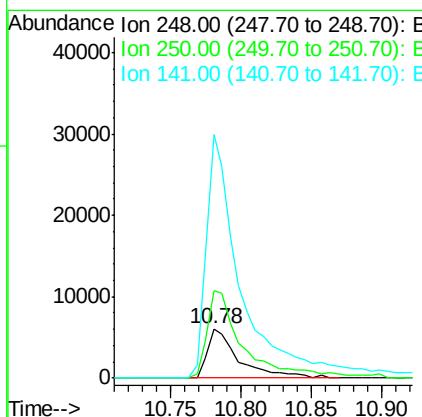
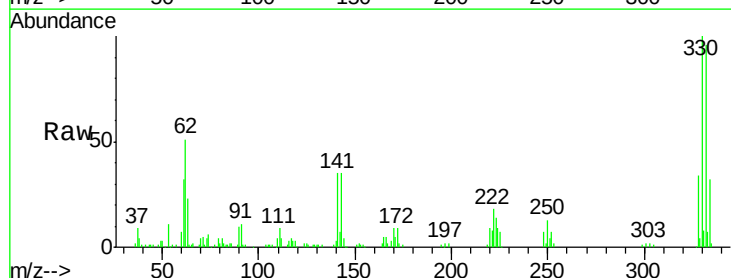
Instrument :
BNA_F
ClientSampled :

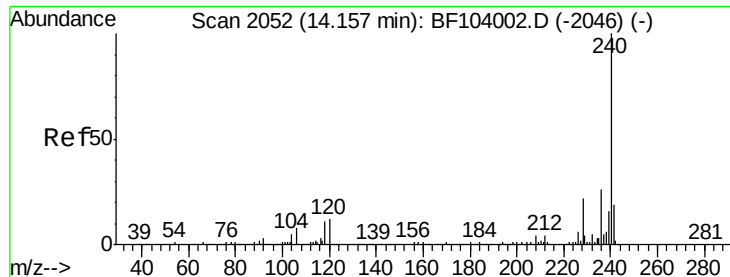
Tot Ion:188 Resp: 319367
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 11.0 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.737 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.24 min
Lab File: BF104264.D
Acq: 5 Apr 2018 9:22

Tgt Ion:248 Resp: 9352
Ion Ratio Lower Upper
248 100
250 178.9 76.9 115.3#
141 496.1 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BF104264.D

Acq: 5 Apr 2018 9:22

Instrument :

BNA_F

ClientSampleId :

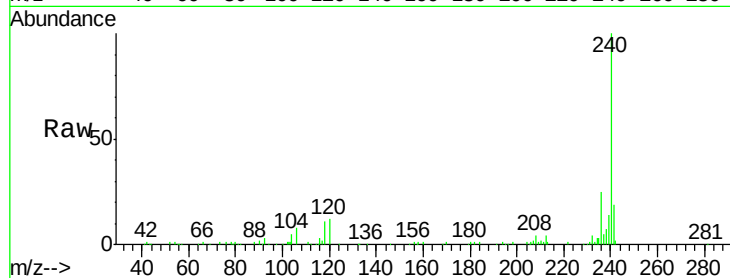
Tot Ion:240 Resp: 221925

Ion Ratio Lower Upper

240 100

120 12.0 9.5 14.3

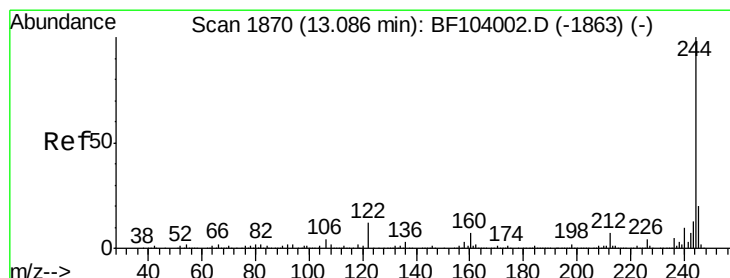
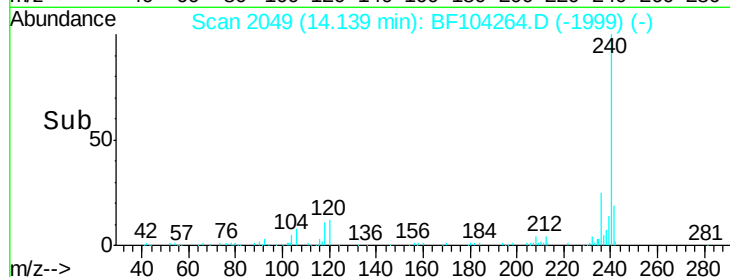
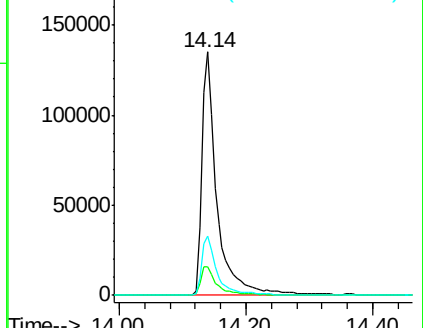
236 24.6 20.7 31.1



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: 99.277 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF104264.D

Acq: 5 Apr 2018 9:22

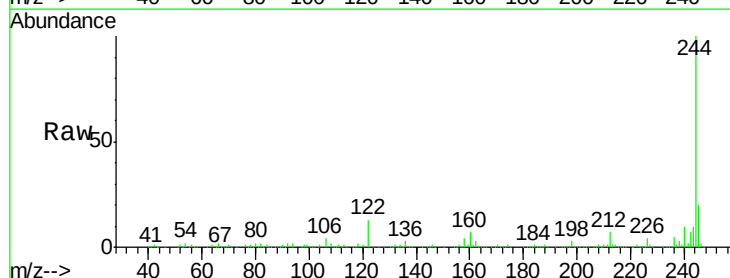
Tgt Ion:244 Resp: 954202

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

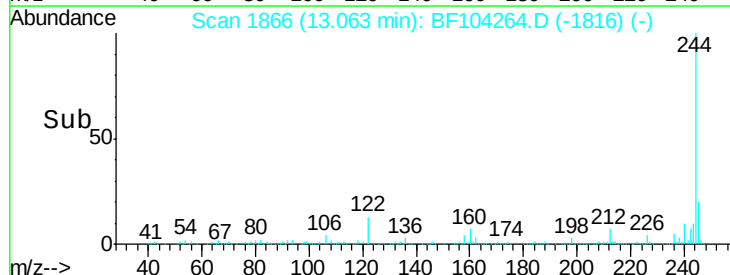
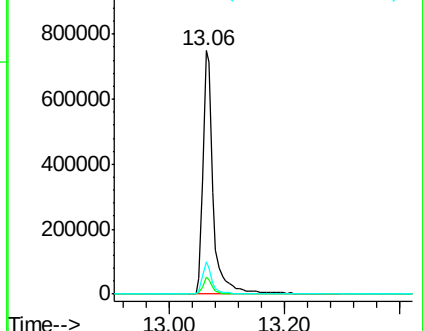
122 13.4 11.0 16.4

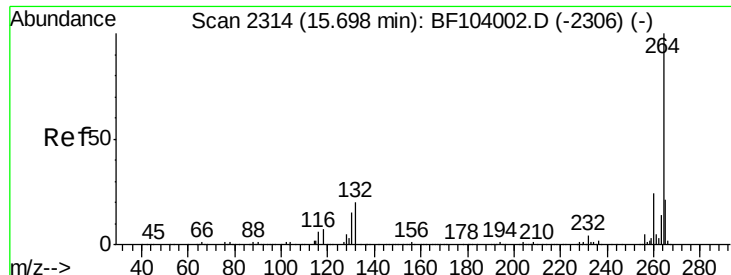


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

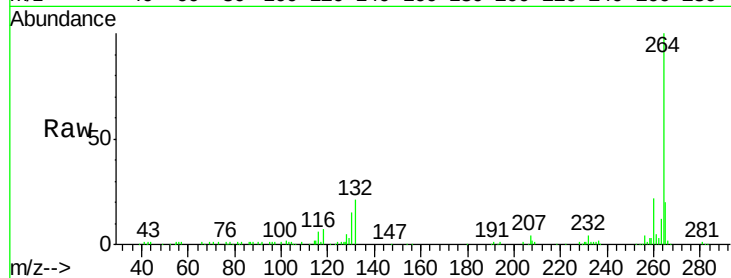




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. -0.01 min
Lab File: BF104264.D
Acq: 5 Apr 2018 9:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.2	28.8
265	20.4	17.5	26.3



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

