

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040518\
 Data File : BF104293.D
 Acq On : 6 Apr 2018 1:50
 Operator : JU/SJ
 Sample : J2227-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 06 02:30:07 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

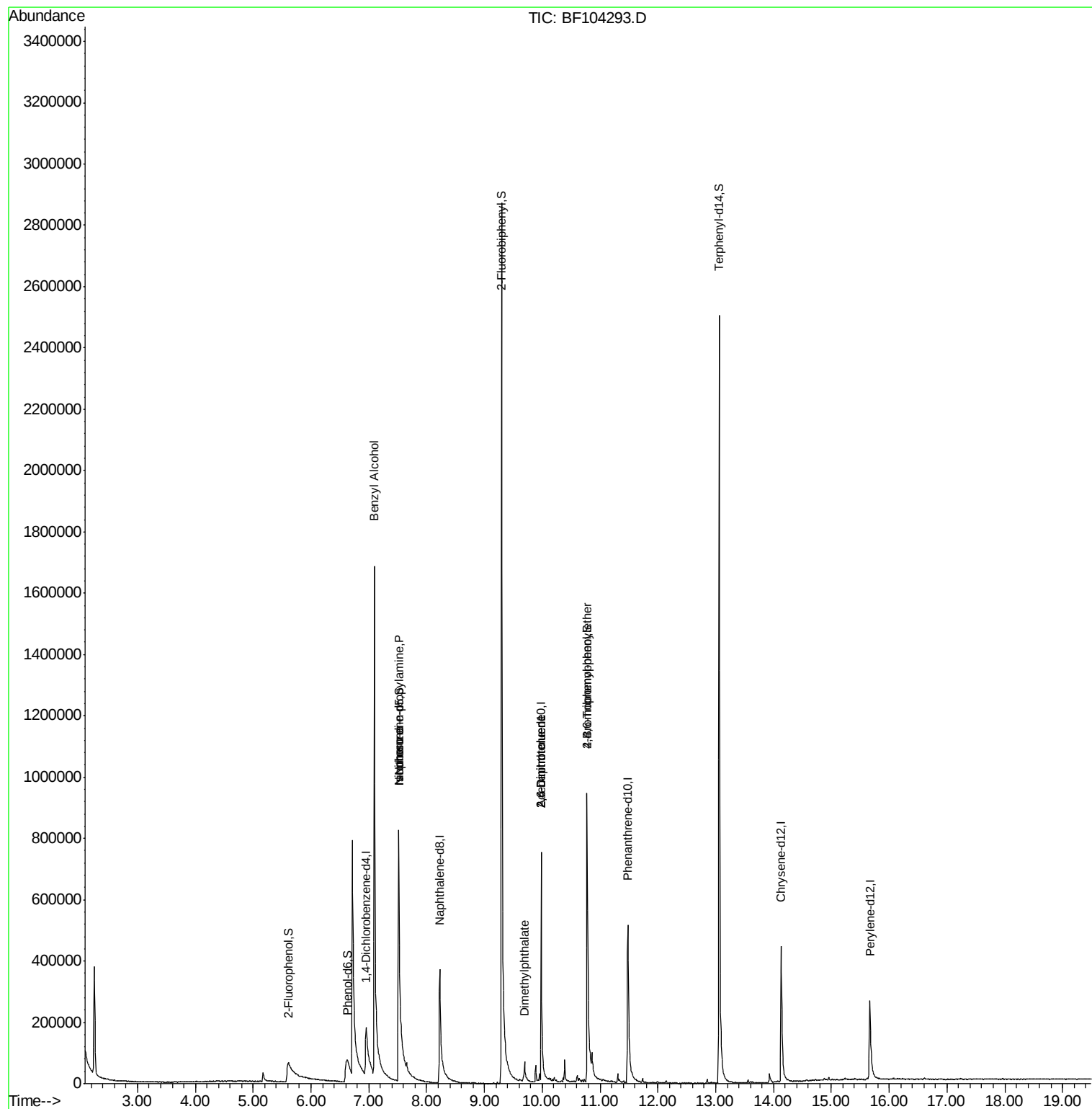
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	100412	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	466210	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	231107	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	413981	20.00	ng	0.00
75) Chrysene-d12	14.13	240	279047	20.00	ng	-0.01
86) Perylene-d12	15.67	264	221401	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	136474	21.67	ng	0.02
7) Phenol-d6	6.63	99	190953	24.65	ng	0.02
23) Nitrobenzene-d5	7.52	82	780160	102.34	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	238568	92.71	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	1531317	104.49	ng	0.00
78) Terphenyl-d14	13.06	244	1248457	103.30	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.09	79	10882	2.161	ng	# 47
19) n-Nitroso-di-n-propylamine	7.52	70	83043	18.064	ng	# 71
25) Isophorone	7.52	82	815429	58.041	ng	# 64
49) Dimethylphthalate	9.69	163	60893	3.337	ng	# 98
50) 2,6-Dinitrotoluene	9.98	165	26623	6.782	ng	# 25
56) 2,4-Dinitrotoluene	9.98	165	28096	5.609	ng	# 22
66) 4-Bromophenyl-phenylether	10.77	248	13275	2.997	ng	# 1

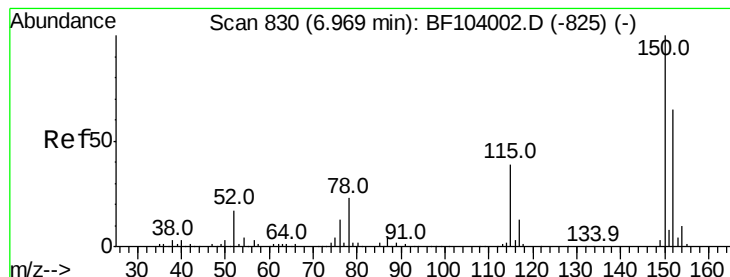
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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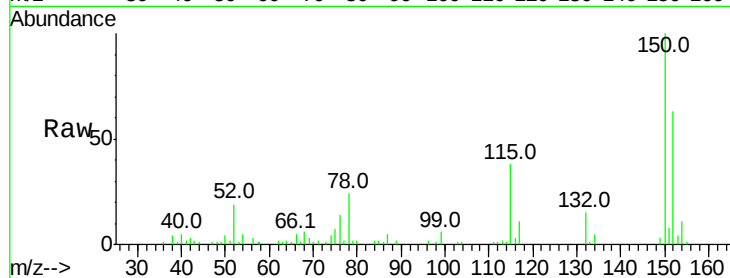


#1

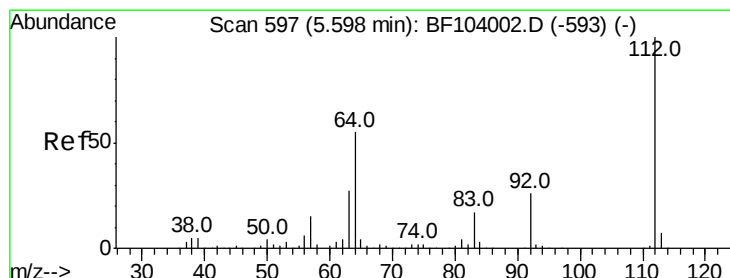
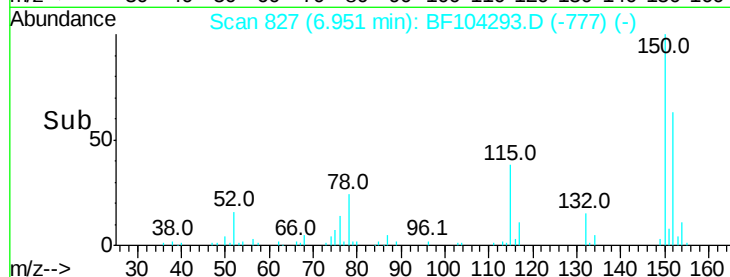
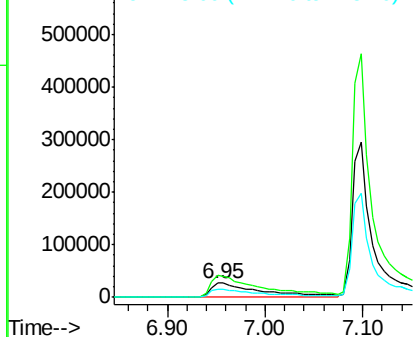
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF104293.D
 Acq: 6 Apr 2018 1:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 100412
 Ion Ratio Lower Upper
 152 100
 150 158.4 124.6 186.8
 115 60.7 50.1 75.1



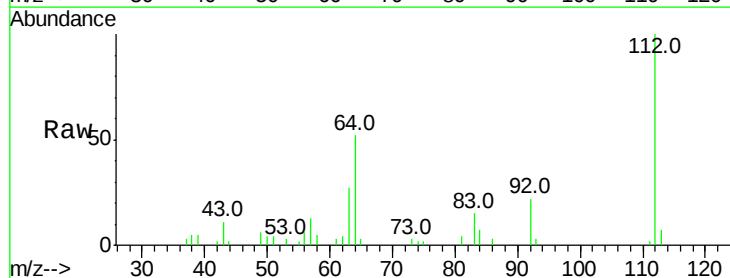
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



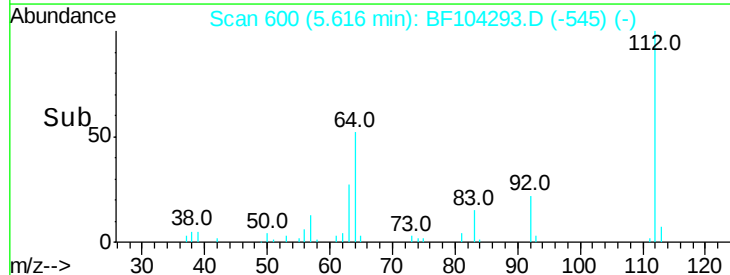
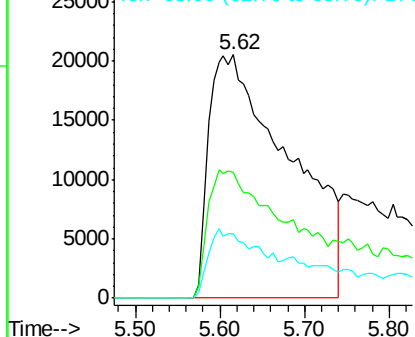
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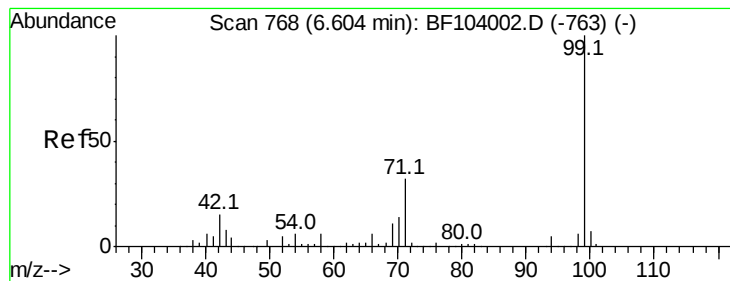
2-Fluorophenol
 Concen: 21.675 ng
 RT: 5.62 min Scan# 600
 Delta R.T. 0.02 min
 Lab File: BF104293.D
 Acq: 6 Apr 2018 1:50

Tgt Ion:112 Resp: 136474
 Ion Ratio Lower Upper
 112 100
 64 51.7 47.9 71.9
 63 26.7 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: 24.650 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.02 min

Lab File: BF104293.D

Acq: 6 Apr 2018 1:50

Instrument :

BNA_F

ClientSampleId :

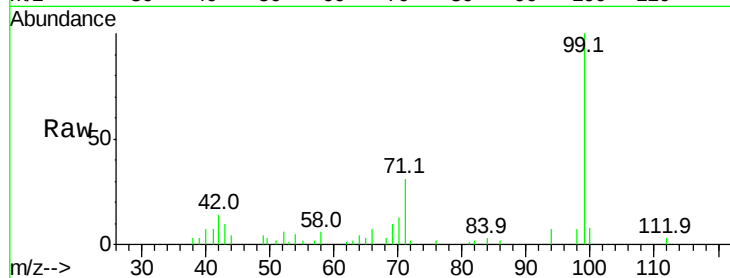
Tot Ion: 99 Resp: 190953

Ion Ratio Lower Upper

99 100

42 14.4 14.5 21.7#

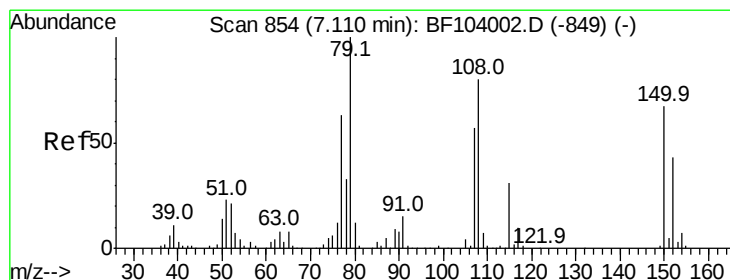
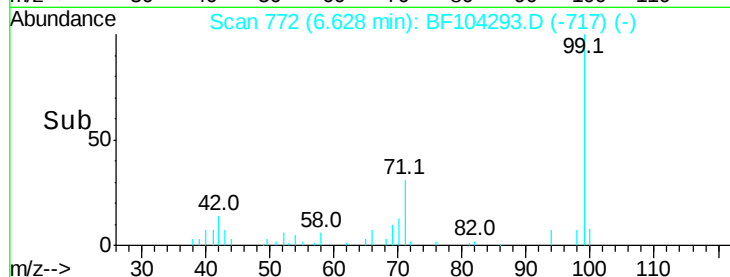
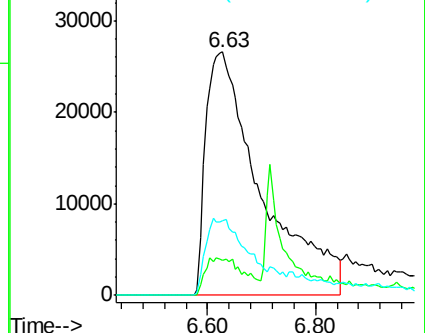
71 30.7 25.4 38.0



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: 2.161 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF104293.D

Acq: 6 Apr 2018 1:50

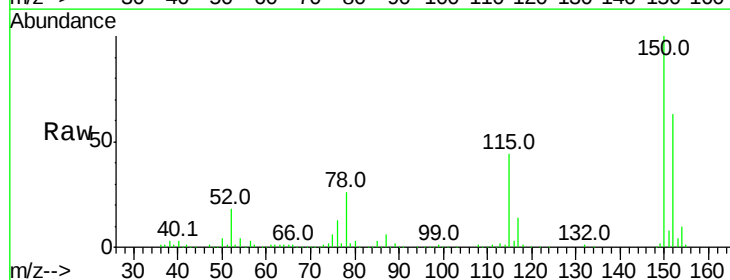
Tgt Ion: 79 Resp: 10882

Ion Ratio Lower Upper

79 100

108 30.3 65.1 97.7#

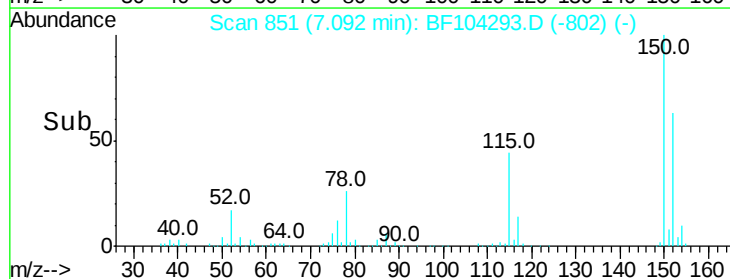
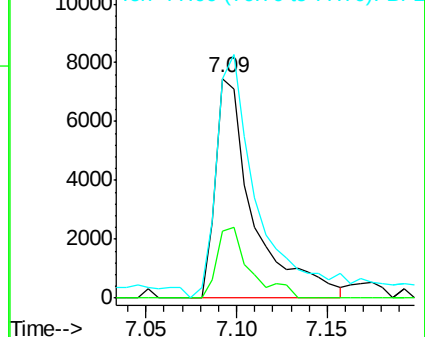
77 99.9 50.6 75.8#

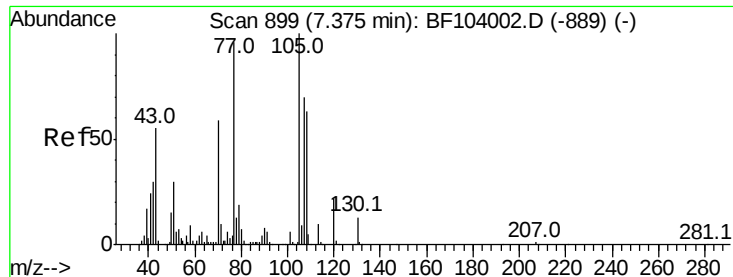


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

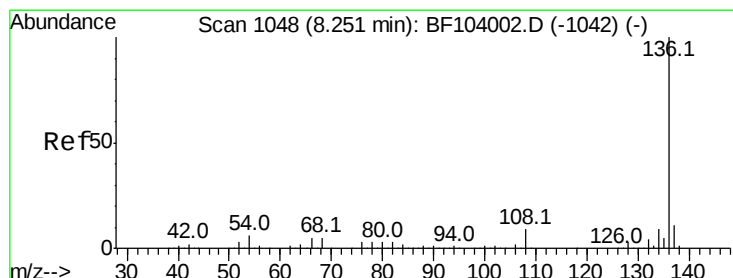
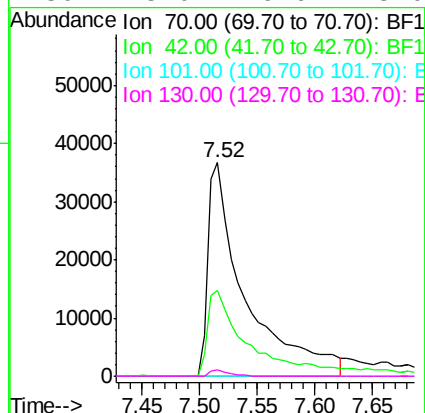
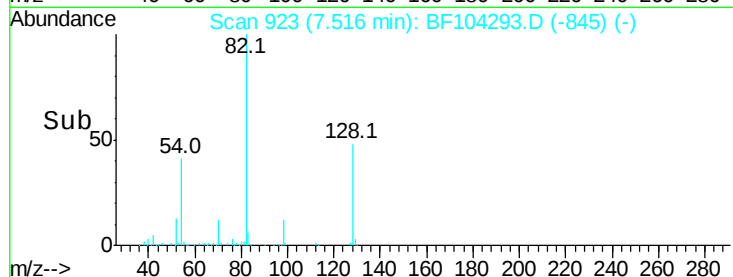
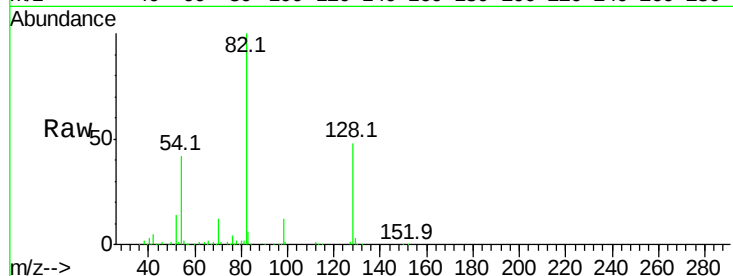




#19
n-Nitroso-di-n-propylamine
Concen: 18.064 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.16 min
Lab File: BF104293.D
Acq: 6 Apr 2018 1:50

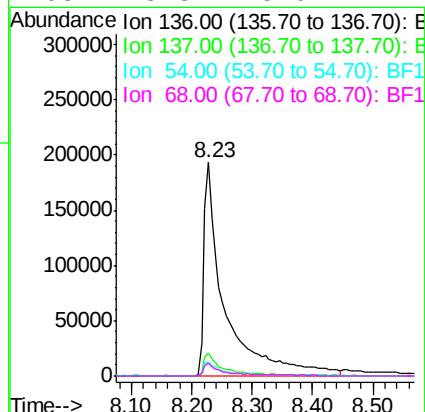
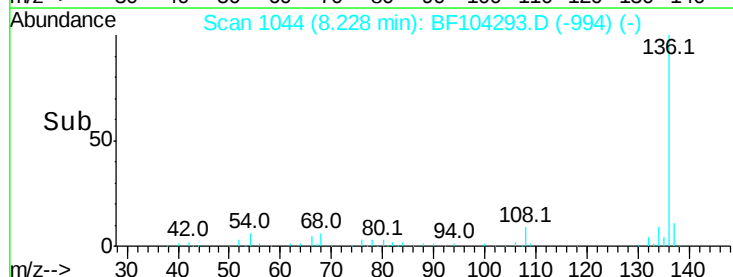
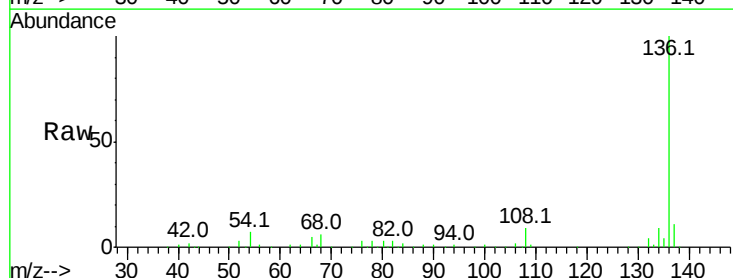
Instrument :
BNA_F
ClientSampled :

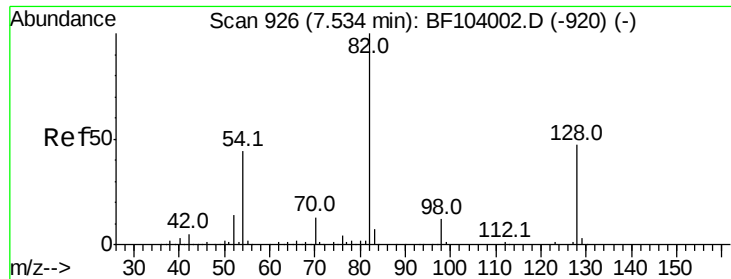
Tot Ion: 70 Resp: 83043
Ion Ratio Lower Upper
70 100
42 39.9 47.5 71.3#
101 0.0 7.4 11.2#
130 3.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF104293.D
Acq: 6 Apr 2018 1:50

Tgt Ion:136 Resp: 466210
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 6.8 6.6 9.8
68 5.8 5.0 7.4

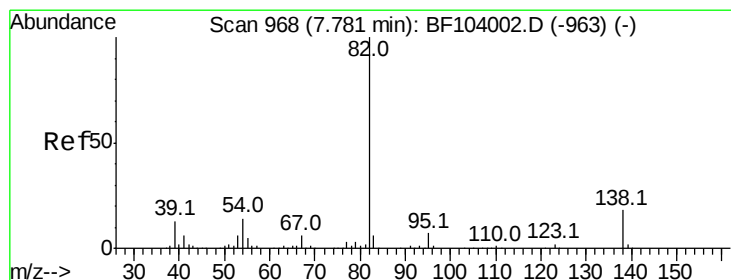
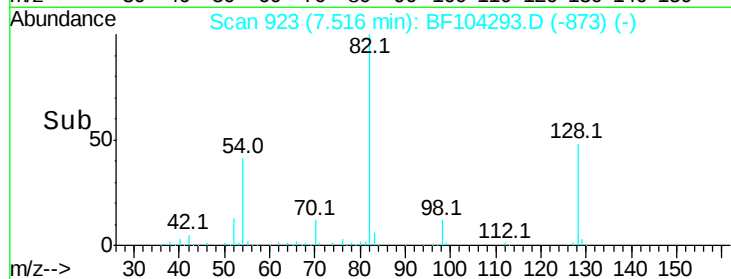
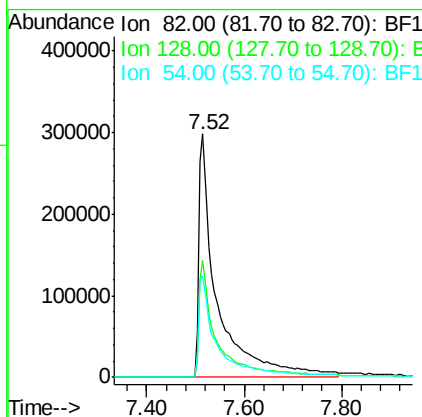
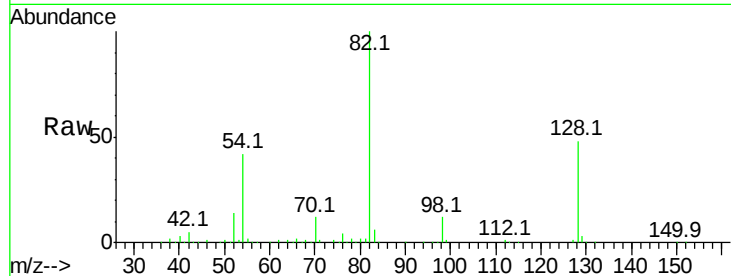




#23
 Nitrobenzene-d5
 Concen: 102.338 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BF104293.D
 Acq: 6 Apr 2018 1:50

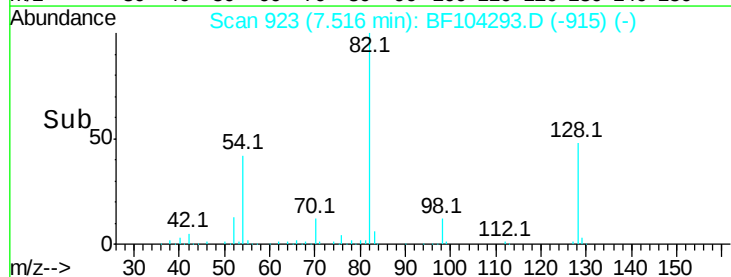
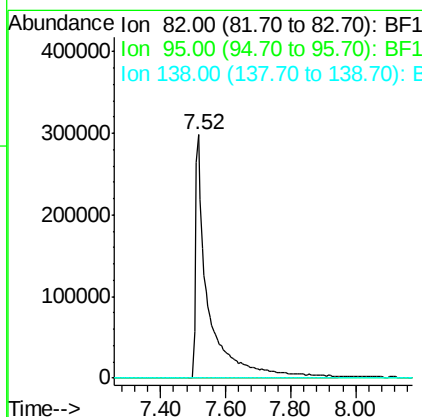
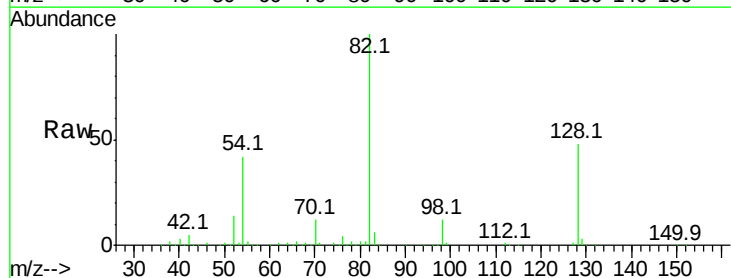
Instrument :
 BNA_F
 ClientSampleId :

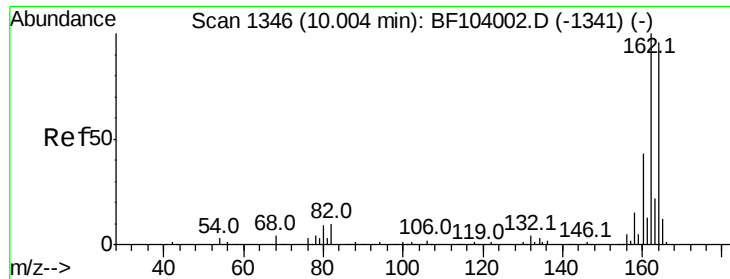
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.9	36.1	54.1
54	41.6	41.4	62.2



#25
 Isophorone
 Concen: 58.041 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.25 min
 Lab File: BF104293.D
 Acq: 6 Apr 2018 1:50

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

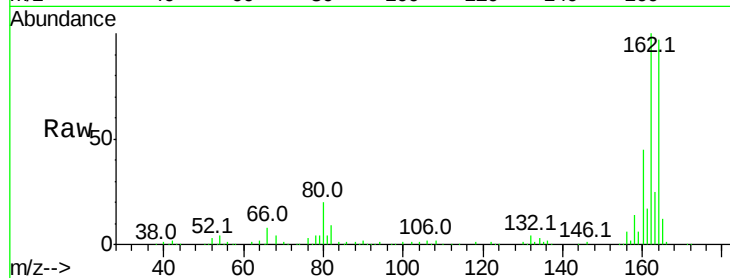




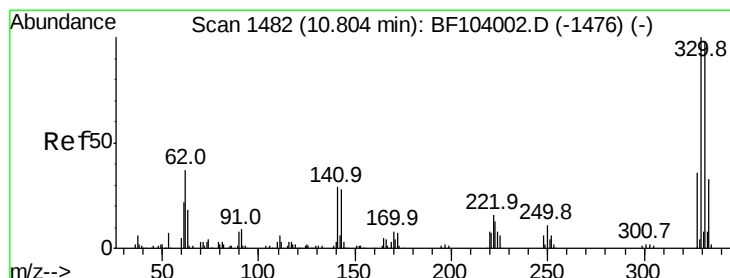
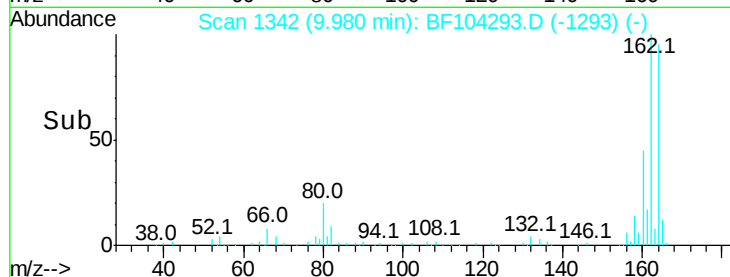
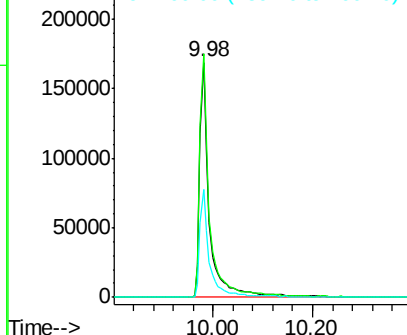
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF104293.D
Acq: 6 Apr 2018 1:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 231107
Ion Ratio Lower Upper
164 100
162 103.5 86.1 129.1
160 46.1 38.3 57.5

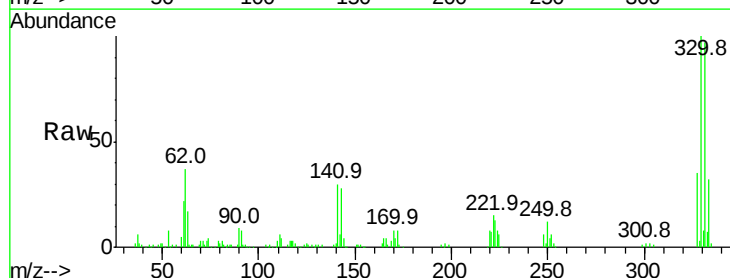


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

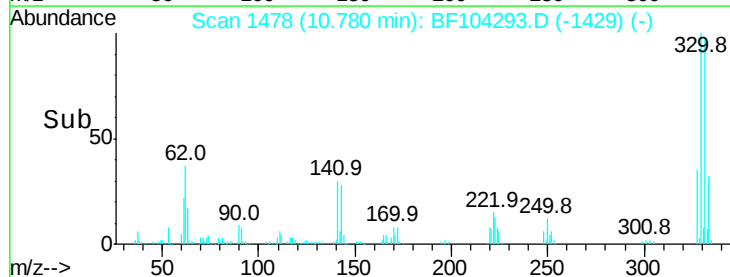
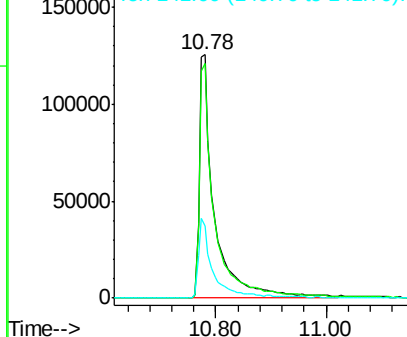


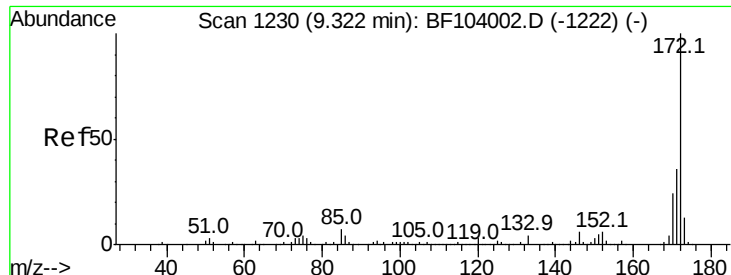
#41
2,4,6-Tribromophenol
Concen: 92.706 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF104293.D
Acq: 6 Apr 2018 1:50

Tgt Ion:330 Resp: 238568
Ion Ratio Lower Upper
330 100
332 93.1 77.0 115.6
141 31.1 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



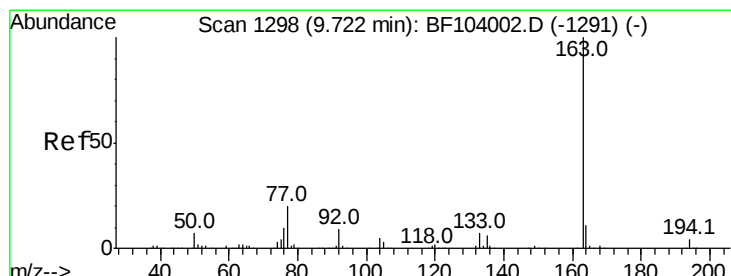
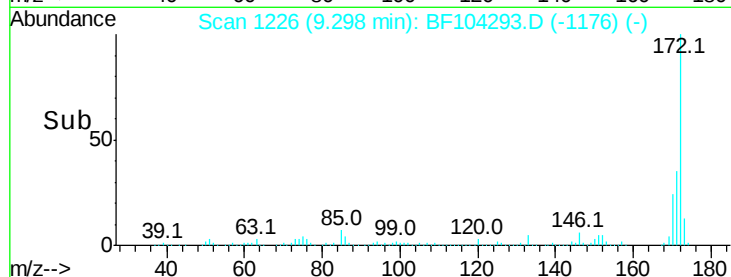
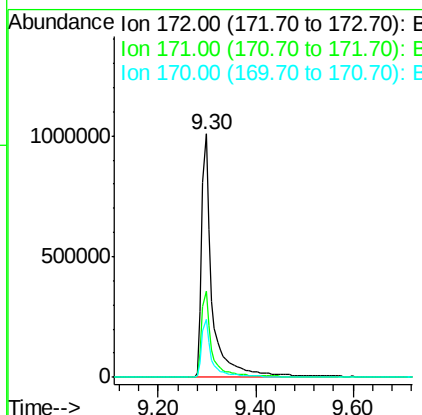
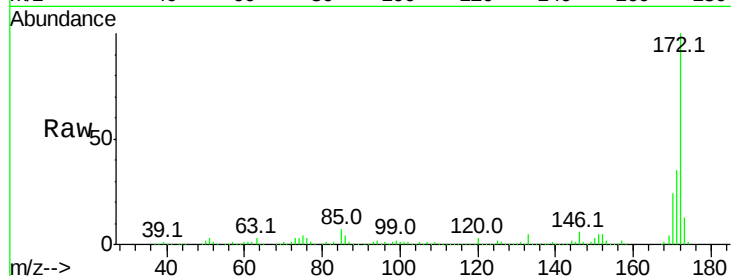


#44
 2-Fluorobiphenyl
 Concen: 104.487 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF104293.D
 Acq: 6 Apr 2018 1:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1531317

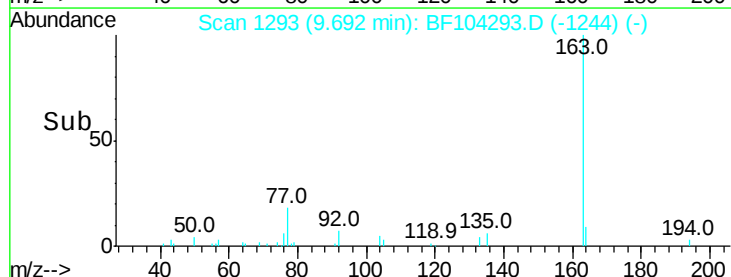
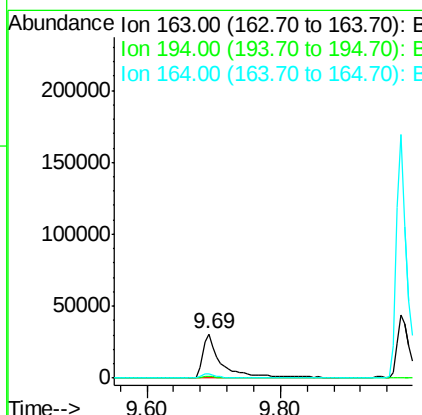
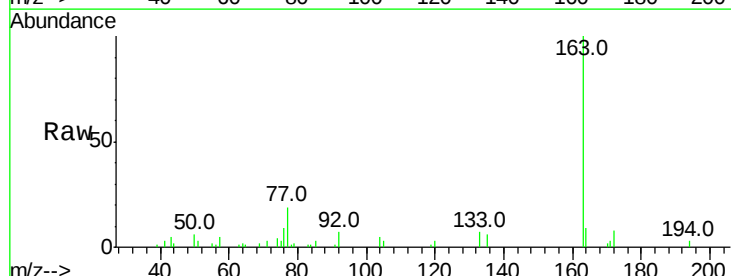
Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	23.8	19.6	29.4

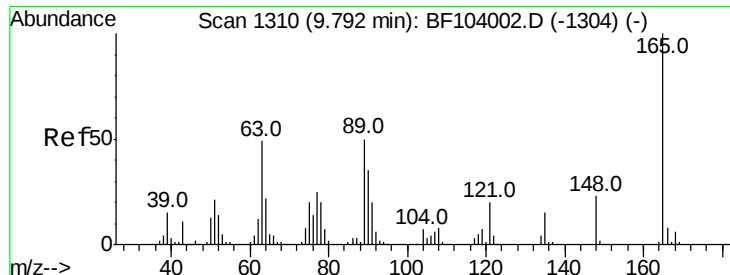


#49
 Dimethylphthalate
 Concen: 3.337 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF104293.D
 Acq: 6 Apr 2018 1:50

Tgt Ion:163 Resp: 60893

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	9.0	8.2	12.2

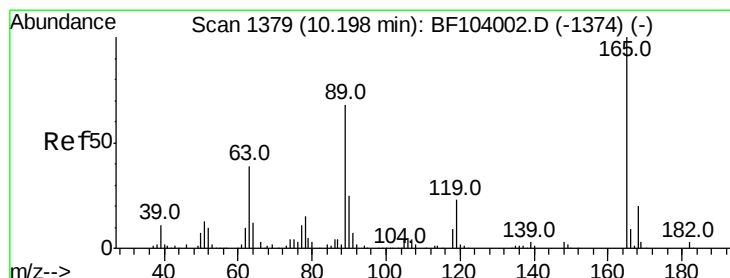
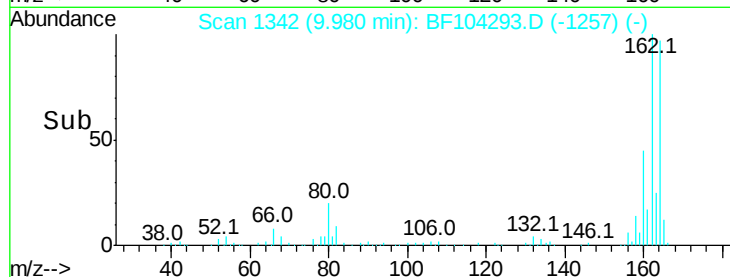
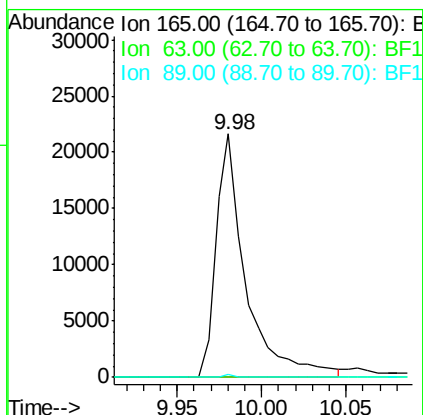
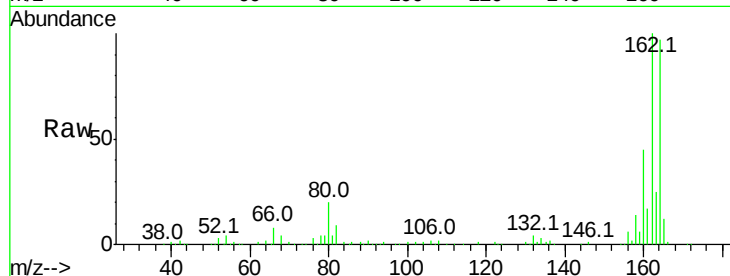




#50
 2,6-Dinitrotoluene
 Concen: 6.782 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.20 min
 Lab File: BF104293.D
 Acq: 6 Apr 2018 1:50

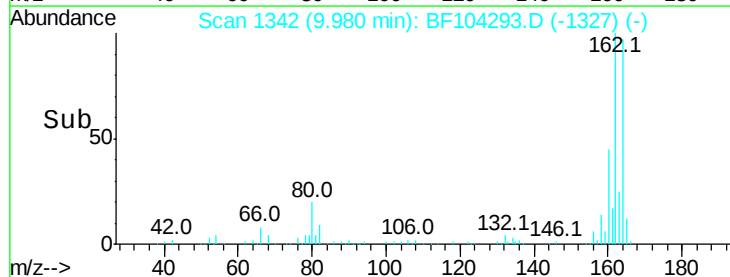
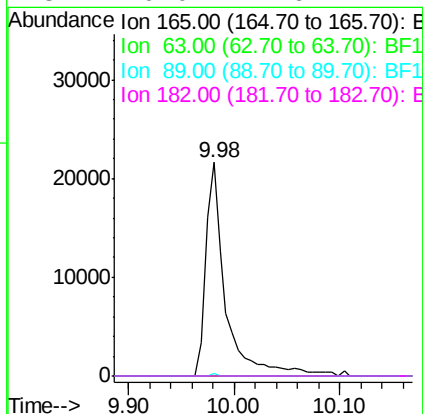
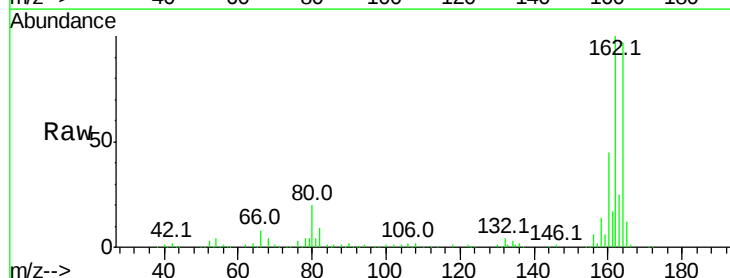
Instrument :
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 ClientSampleId :

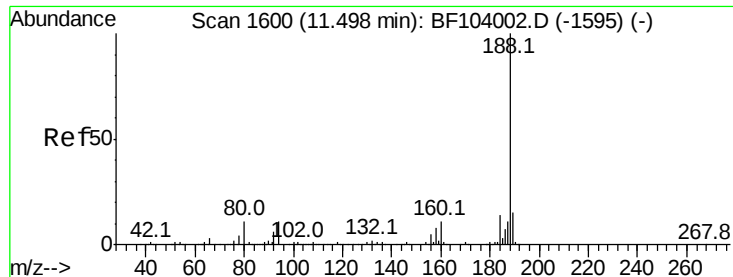
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.5	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.609 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.21 min
 Lab File: BF104293.D
 Acq: 6 Apr 2018 1:50

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

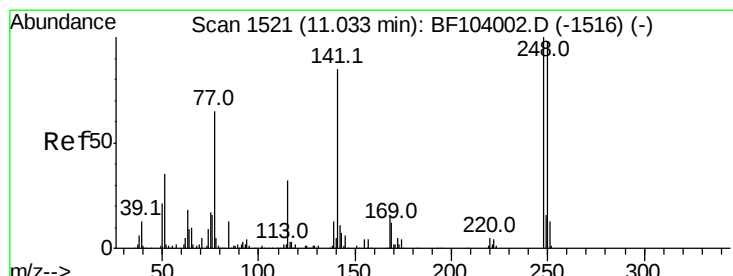
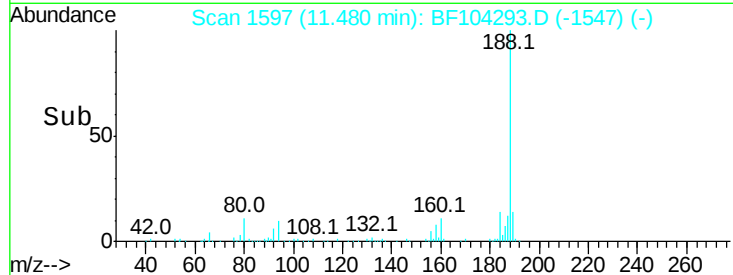
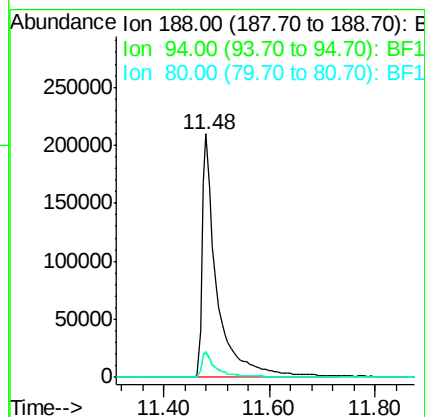
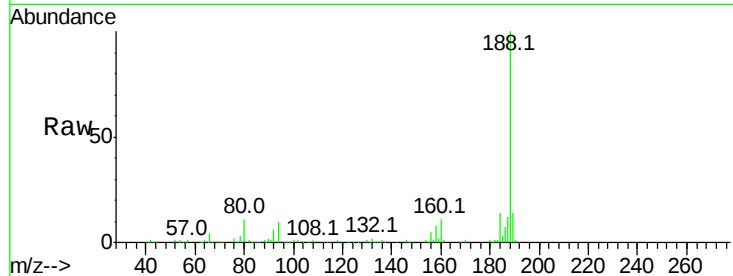




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF104293.D
Acq: 6 Apr 2018 1:50

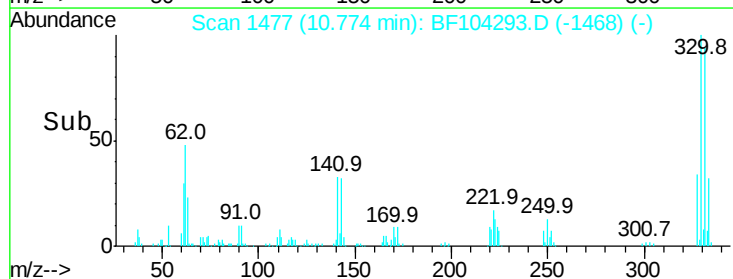
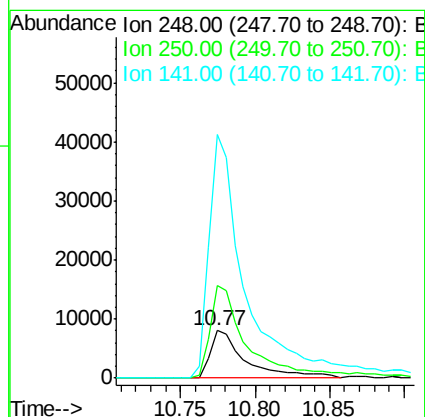
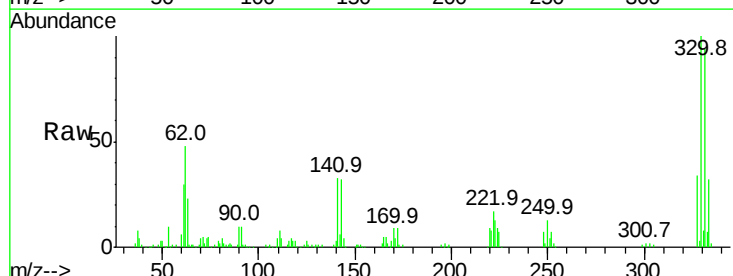
Instrument :
BNA_F
ClientSampleId :

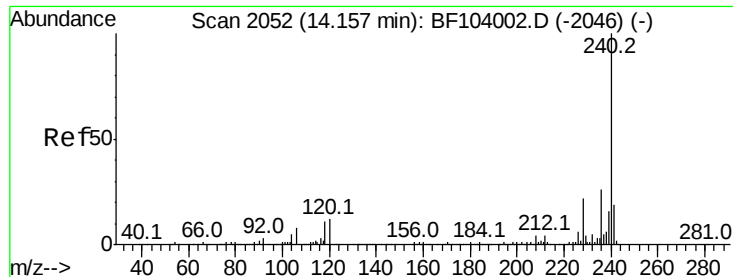
Tot Ion:188 Resp: 413981
Ion Ratio Lower Upper
188 100
94 9.9 8.5 12.7
80 10.9 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.997 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.25 min
Lab File: BF104293.D
Acq: 6 Apr 2018 1:50

Tgt Ion:248 Resp: 13275
Ion Ratio Lower Upper
248 100
250 195.5 76.9 115.3#
141 511.3 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2048

Delta R.T. -0.01 min

Lab File: BF104293.D

Acq: 6 Apr 2018 1:50

Instrument :

BNA_F

ClientSampleId :

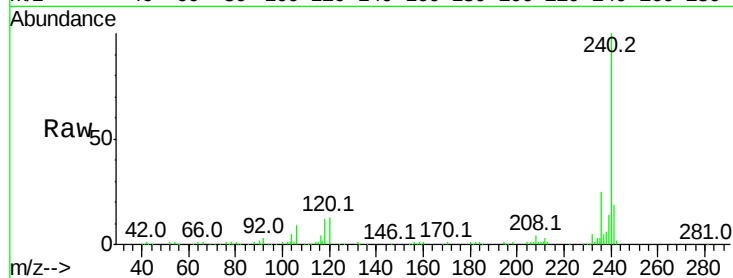
Tot Ion:240 Resp: 279047

Ion Ratio Lower Upper

240 100

120 13.3 9.5 14.3

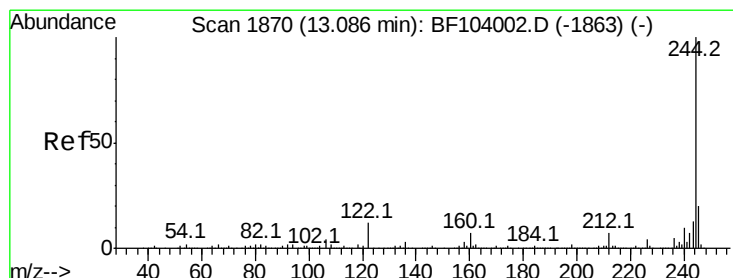
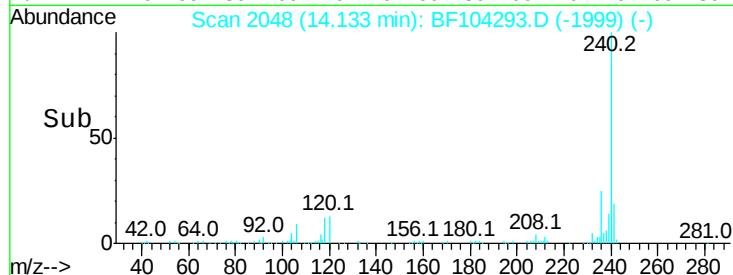
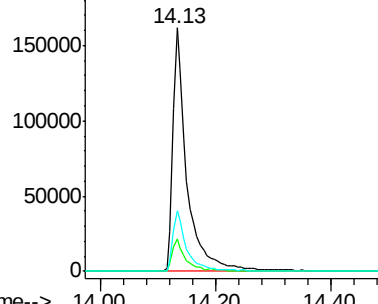
236 24.8 20.7 31.1



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: 103.303 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF104293.D

Acq: 6 Apr 2018 1:50

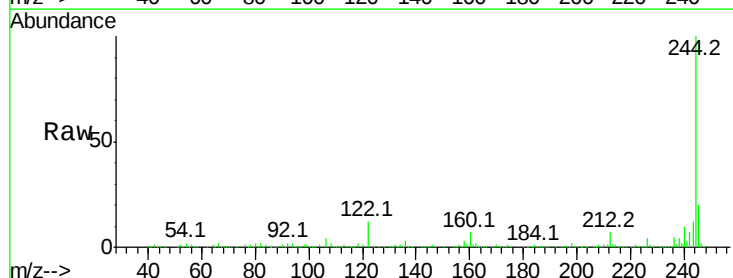
Tgt Ion:244 Resp: 1248457

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

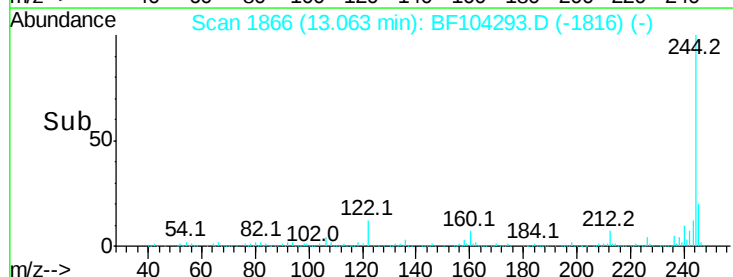
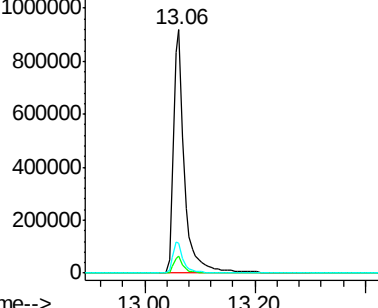
122 12.2 11.0 16.4

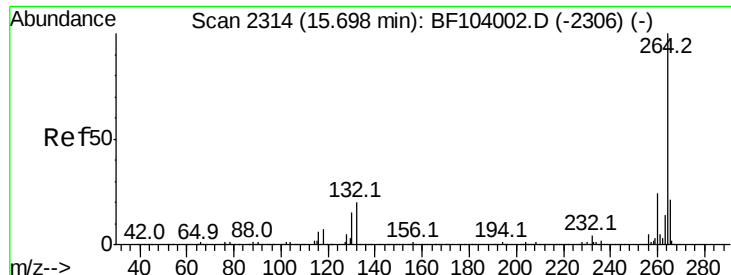


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

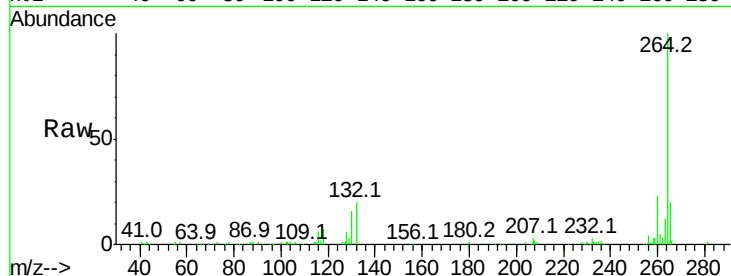




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2309
 Delta R.T. -0.01 min
 Lab File: BF104293.D
 Acq: 6 Apr 2018 1:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 221401
 Ion Ratio Lower Upper
 264 100
 260 22.5 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

