

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
 Data File : BF098793.D
 Acq On : 25 Sep 2017 20:07
 Operator : SJ/JU
 Sample : I5395-16
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 05:19:31 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

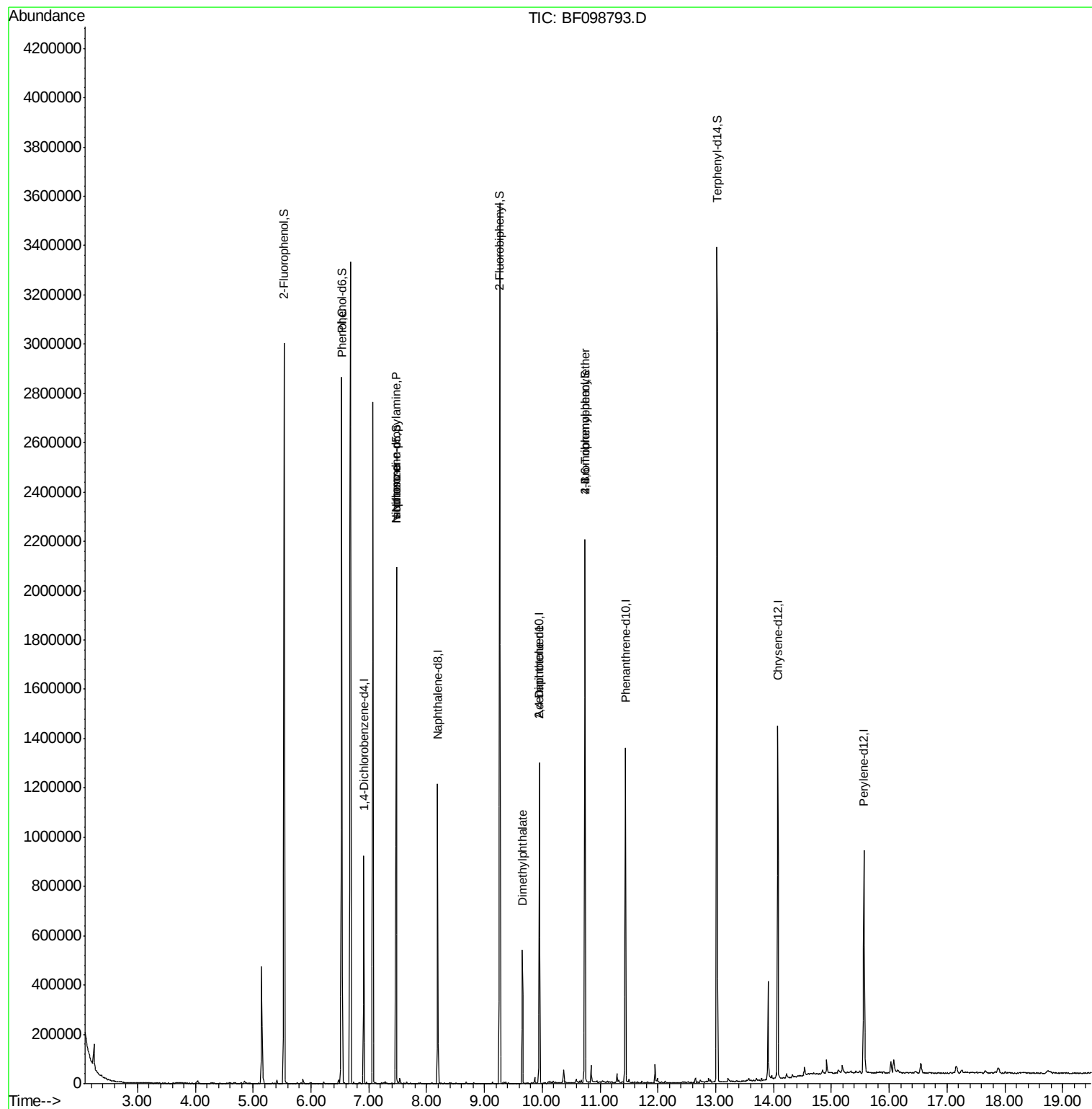
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	132086	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	537335	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	245273	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	456183	20.00	ng	0.00
75) Chrysene-d12	14.07	240	423191	20.00	ng	-0.01
86) Perylene-d12	15.57	264	380563	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	967060	116.55	ng	0.00
7) Phenol-d6	6.53	99	1187015	115.97	ng	-0.01
23) Nitrobenzene-d5	7.47	82	693162	82.73	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	248921	124.03	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	1150116	78.28	ng	-0.01
78) Terphenyl-d14	13.02	244	1163517	62.53	ng	-0.01
Target Compounds						
10) Phenol	6.55	94	40589	3.546	ng	98
19) n-Nitroso-di-n-propylamine	7.47	70	92035	14.083	ng	# 75
25) Isophorone	7.47	82	692903	39.998	ng	# 64
49) Dimethylphthalate	9.66	163	197883	10.690	ng	100
56) 2,4-Dinitrotoluene	9.95	165	31101	5.946	ng	# 23
66) 4-Bromophenyl-phenylether	10.74	248	17394	3.895	ng	# 1

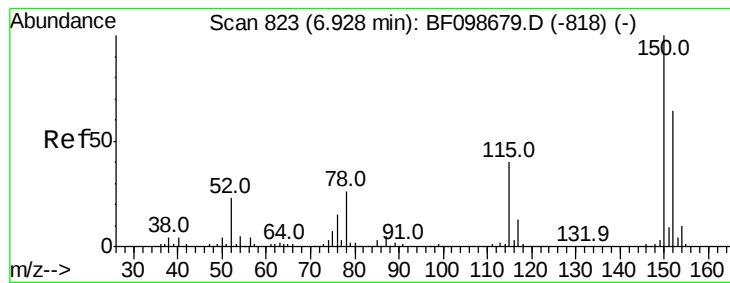
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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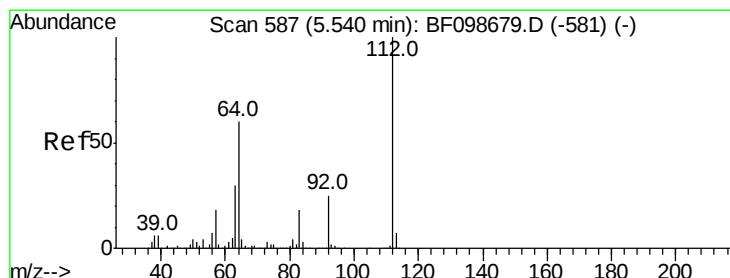
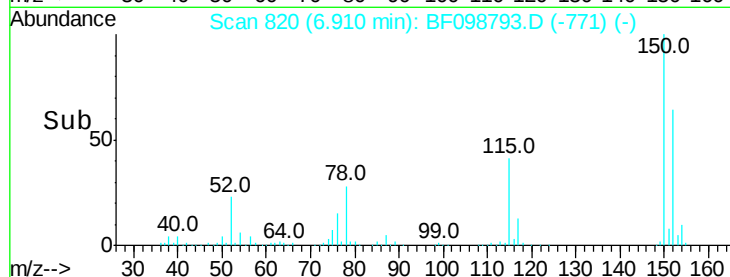
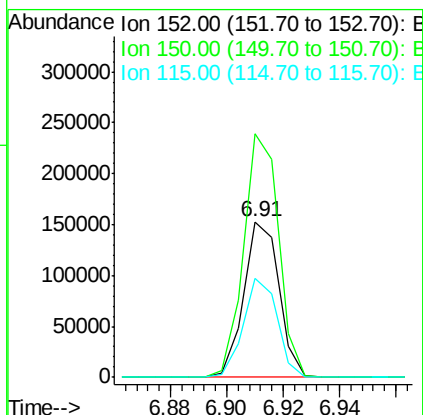
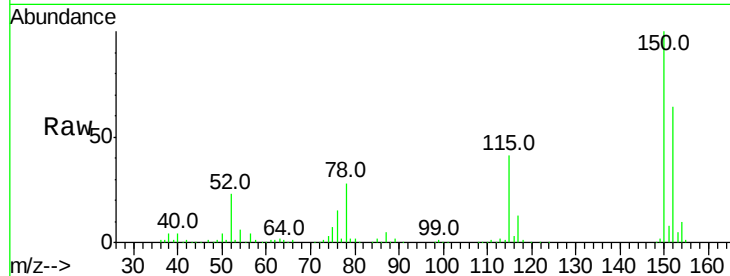


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF098793.D
Acq: 25 Sep 2017 20:07

Instrument :
BNA_F
ClientSampleId :

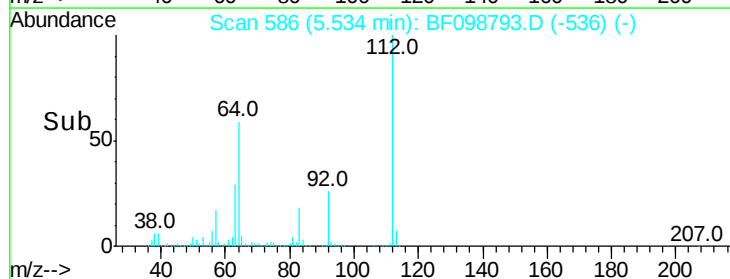
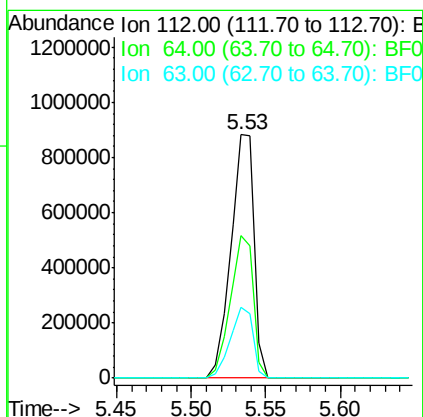
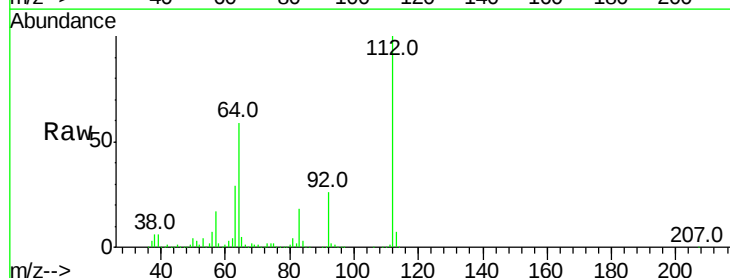
Tot Ion:152 Resp: 132086
Ion Ratio Lower Upper
152 100
150 156.1 124.6 186.8
115 63.6 50.1 75.1

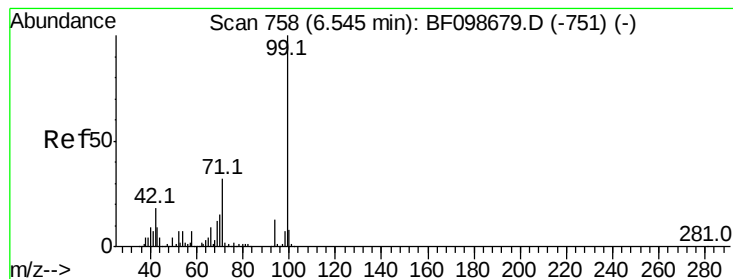


#5

2-Fluorophenol
Concen: 116.550 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF098793.D
Acq: 25 Sep 2017 20:07

Tgt Ion:112 Resp: 967060
Ion Ratio Lower Upper
112 100
64 58.5 47.9 71.9
63 29.3 23.7 35.5





#7

Phenol-d6

Concen: 115.968 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF098793.D

Acq: 25 Sep 2017 20:07

Instrument :

BNA_F

ClientSampled :

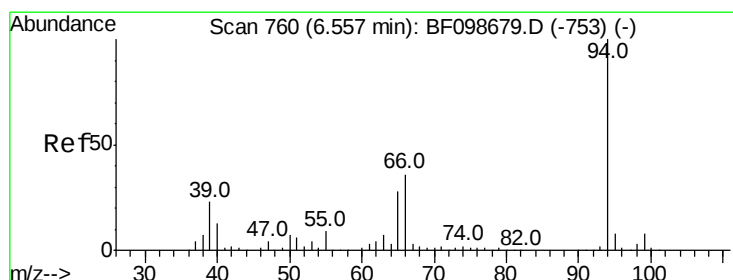
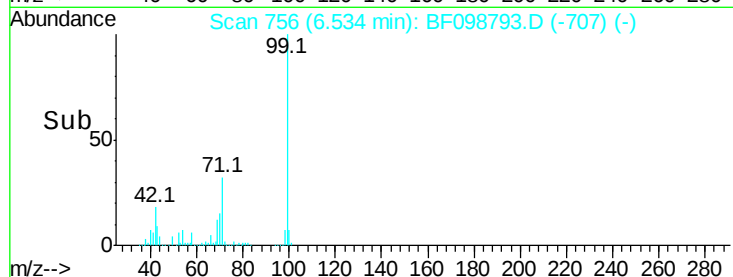
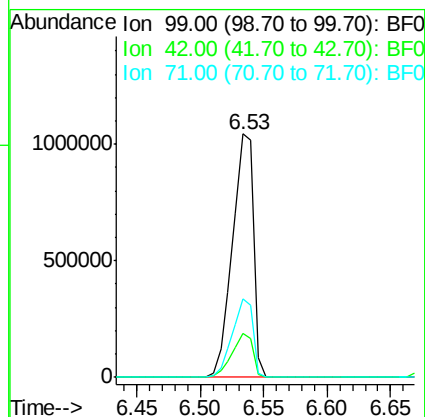
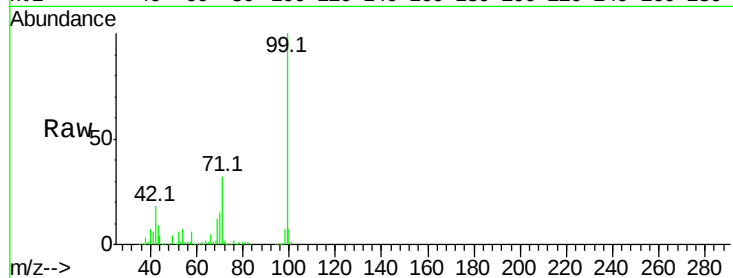
Tot Ion: 99 Resp: 1187015

Ion Ratio Lower Upper

99 100

42 17.8 14.5 21.7

71 32.4 25.4 38.0



#10

Phenol

Concen: 3.546 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF098793.D

Acq: 25 Sep 2017 20:07

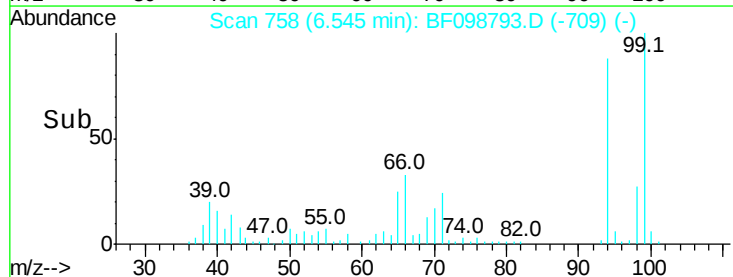
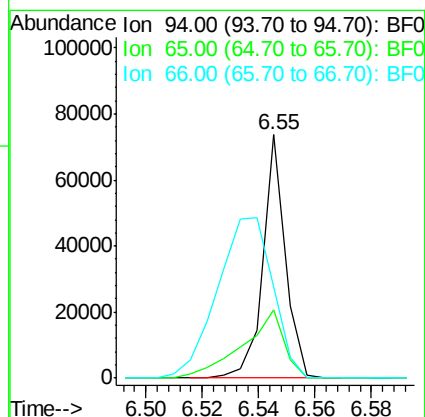
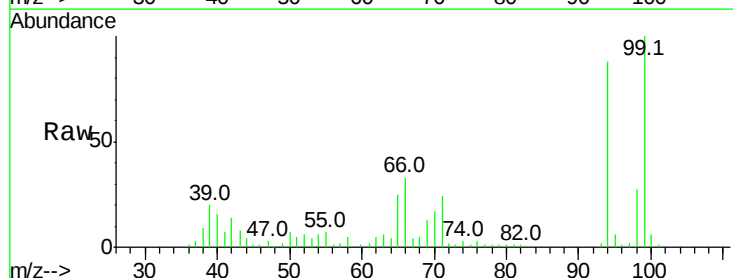
Tgt Ion: 94 Resp: 40589

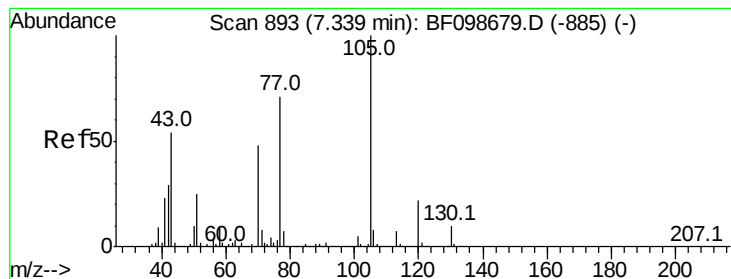
Ion Ratio Lower Upper

94 100

65 28.2 7.9 47.9

66 37.6 16.2 56.2





#19

n-Nitroso-di-n-propylamine

Concen: 14.083 ng

RT: 7.47 min Scan# 916

Delta R.T. 0.14 min

Lab File: BF098793.D

Acq: 25 Sep 2017 20:07

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 92035

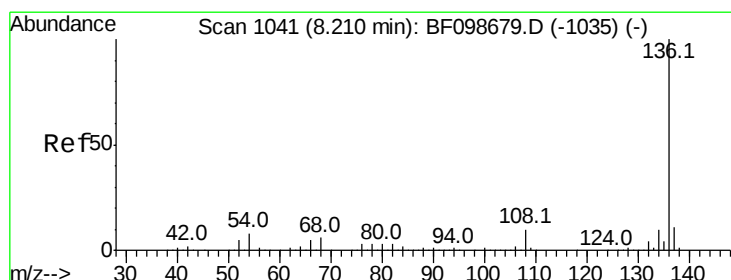
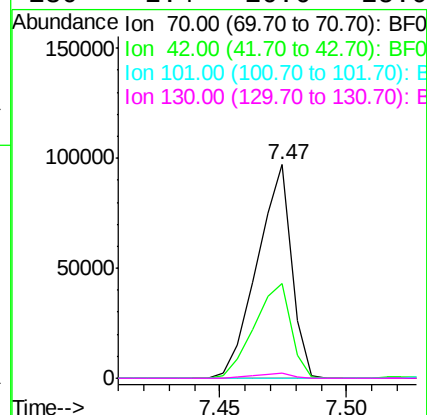
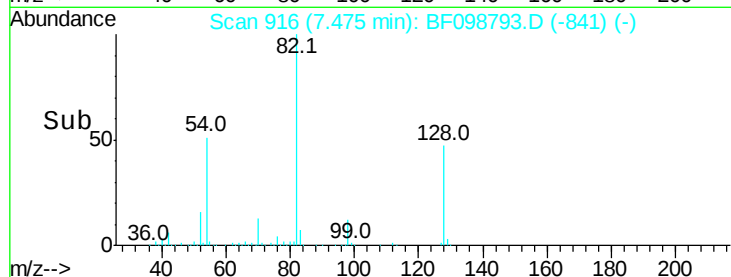
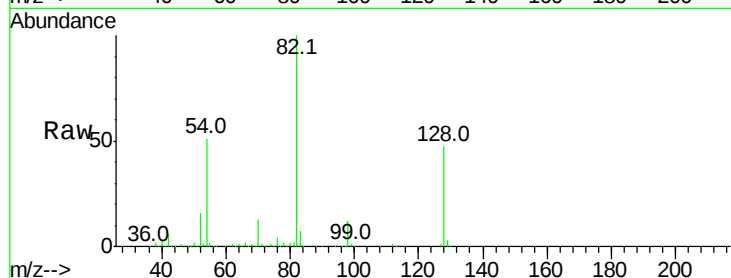
Ion Ratio Lower Upper

70 100

42 44.1 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF098793.D

Acq: 25 Sep 2017 20:07

Tgt Ion: 136 Resp: 537335

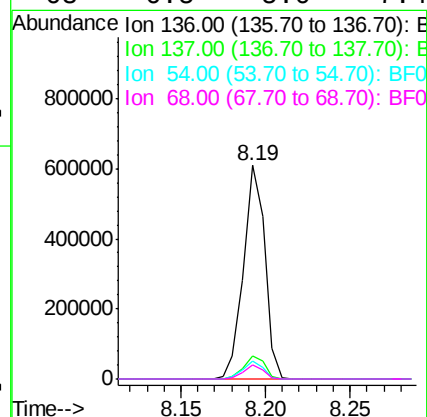
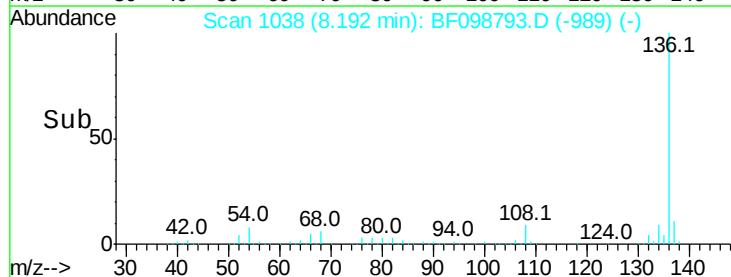
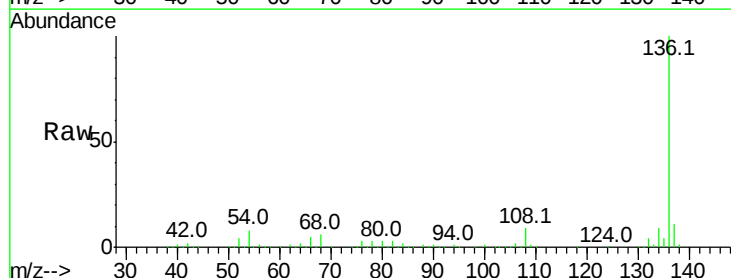
Ion Ratio Lower Upper

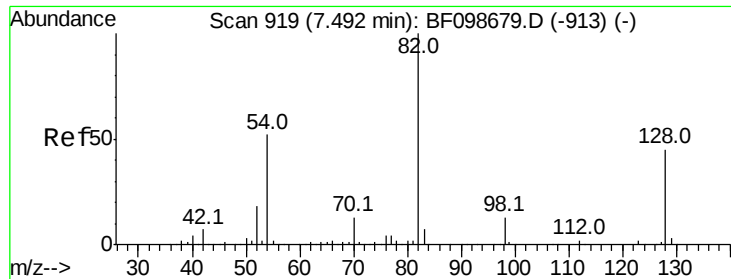
136 100

137 11.0 8.9 13.3

54 8.1 6.6 9.8

68 6.5 5.0 7.4

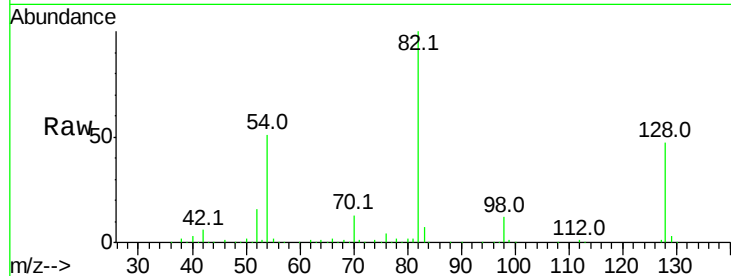




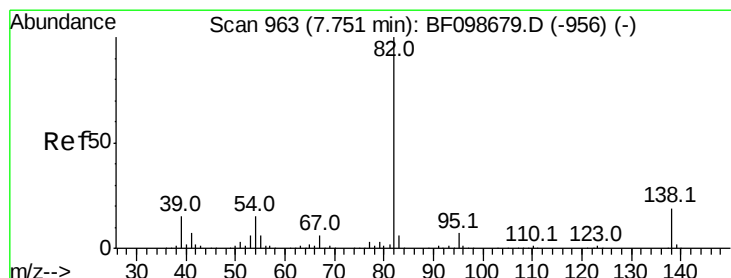
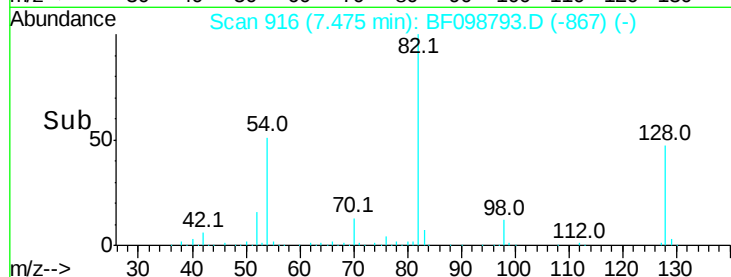
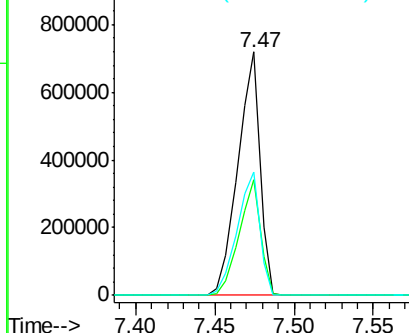
#23
 Nitrobenzene-d5
 Concen: 82.728 ng
 RT: 7.47 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: BF098793.D
 Acq: 25 Sep 2017 20:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	693162
Ion Ratio	Lower	Upper	
82	100		
128	47.4	36.1	54.1
54	50.7	41.4	62.2

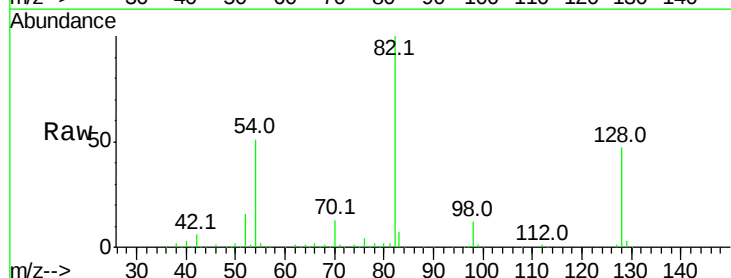


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

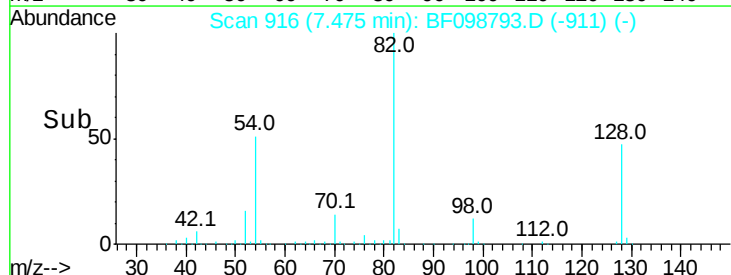
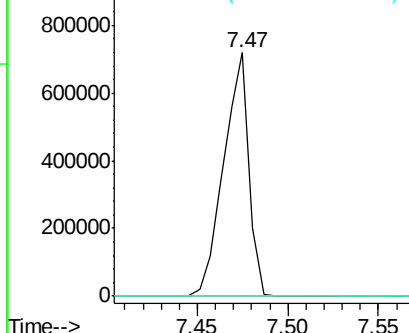


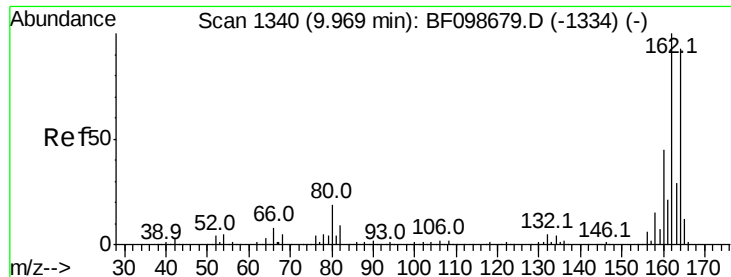
#25
 Isophorone
 Concen: 39.998 ng
 RT: 7.47 min Scan# 916
 Delta R.T. -0.27 min
 Lab File: BF098793.D
 Acq: 25 Sep 2017 20:07

Tgt Ion	82	Resp	692903
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): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0

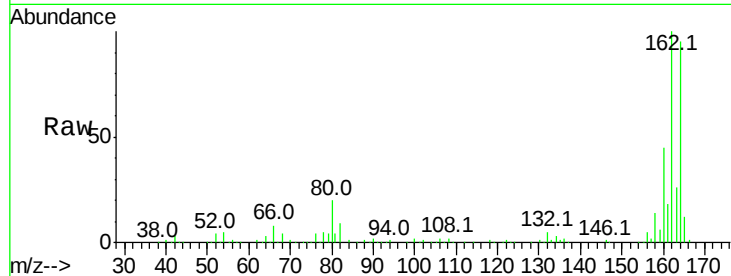




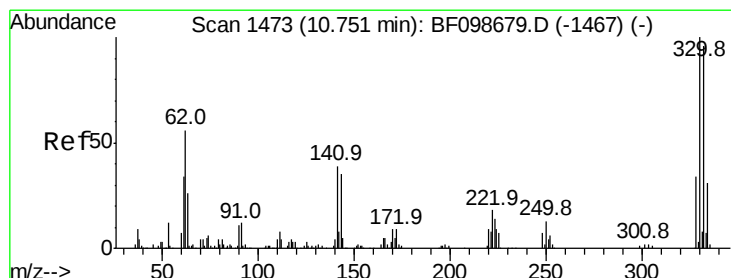
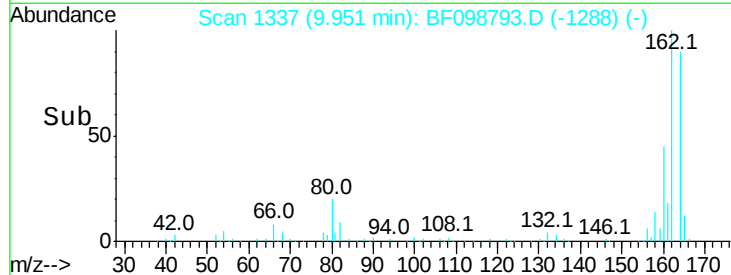
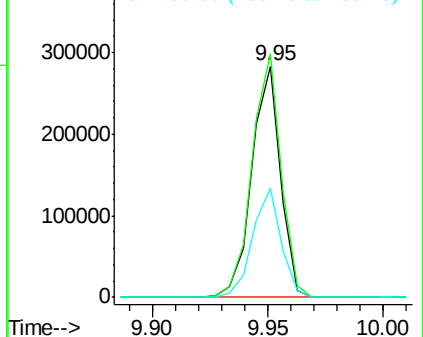
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF098793.D
 Acq: 25 Sep 2017 20:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 245273
 Ion Ratio Lower Upper
 164 100
 162 105.2 86.1 129.1
 160 47.0 38.3 57.5

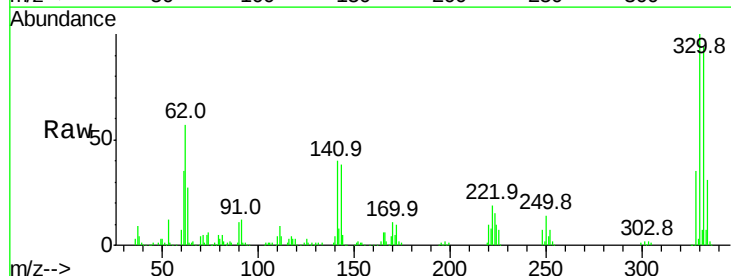


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

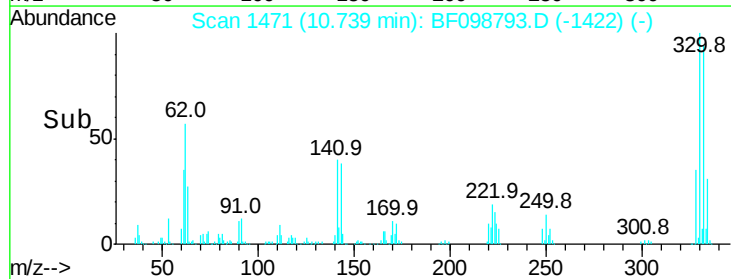
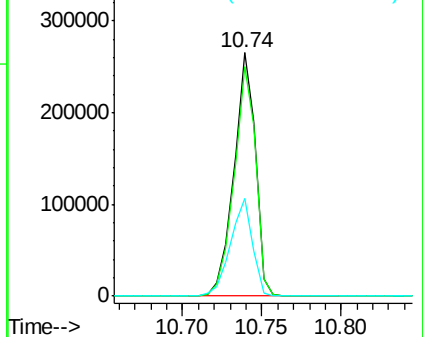


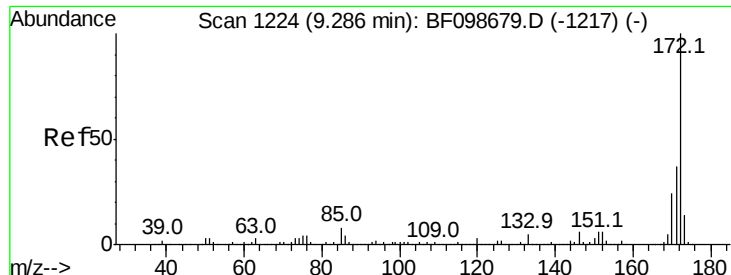
#41
 2,4,6-Tribromophenol
 Concen: 124.027 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.01 min
 Lab File: BF098793.D
 Acq: 25 Sep 2017 20:07

Tgt Ion:330 Resp: 248921
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 41.4 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



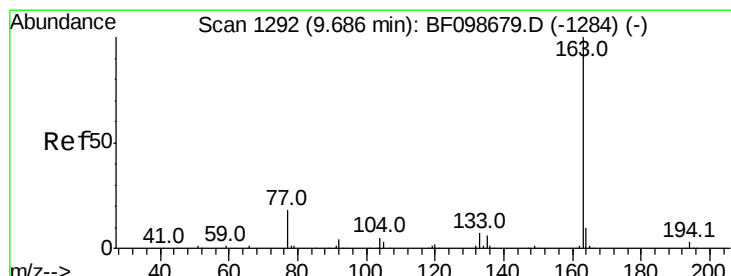
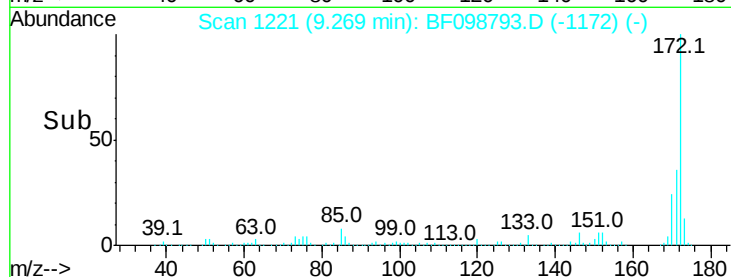
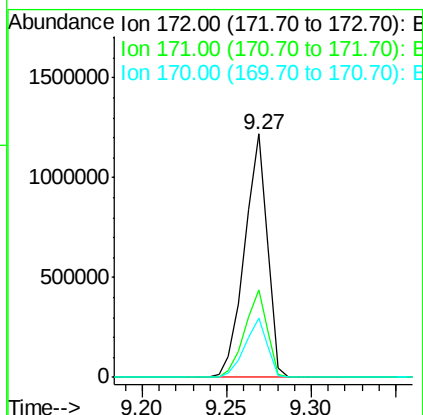
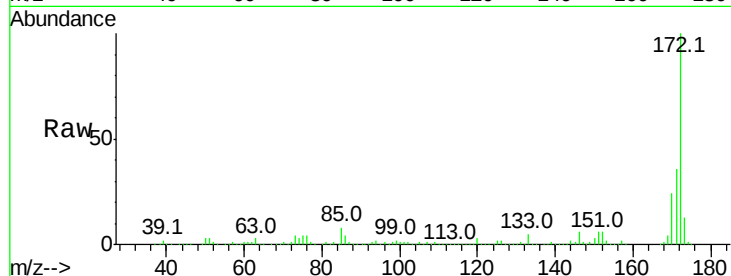


#44
 2-Fluorobiphenyl
 Concen: 78.281 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF098793.D
 Acq: 25 Sep 2017 20:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1150116

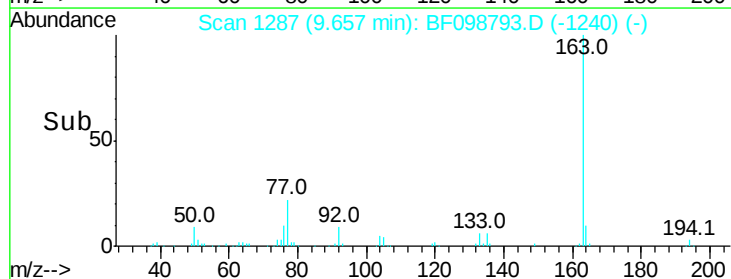
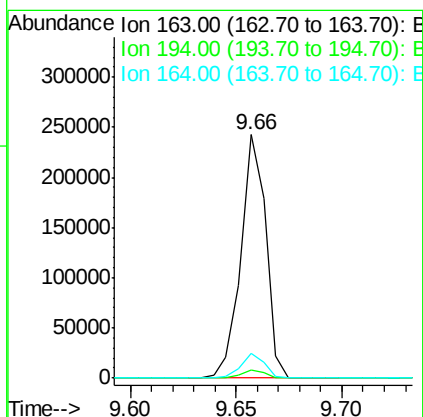
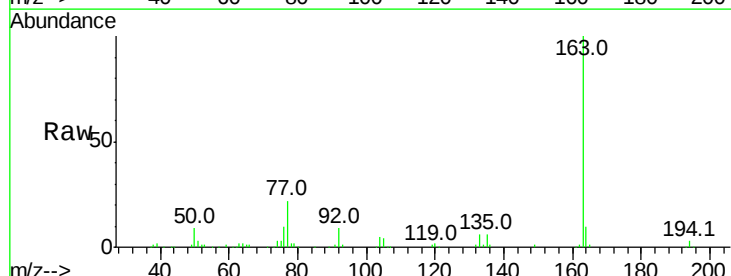
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.2	19.6	29.4



#49
 Dimethylphthalate
 Concen: 10.690 ng
 RT: 9.66 min Scan# 1287
 Delta R.T. -0.02 min
 Lab File: BF098793.D
 Acq: 25 Sep 2017 20:07

Tgt Ion:163 Resp: 197883

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	10.0	8.2	12.2

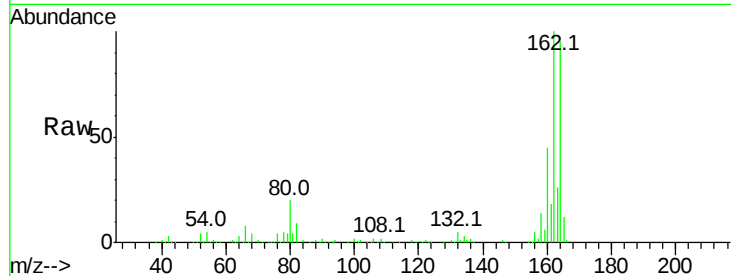




#56
 2,4-Dinitrotoluene
 Concen: 5.946 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.19 min
 Lab File: BF098793.D
 Acq: 25 Sep 2017 20:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.8	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

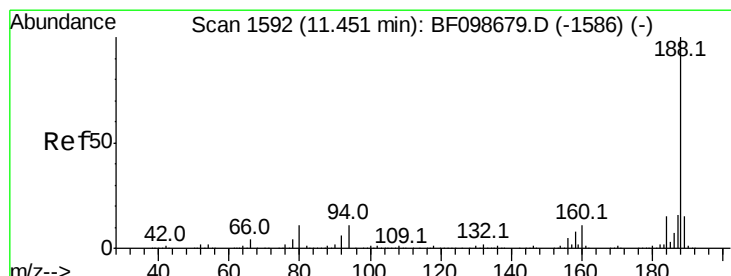
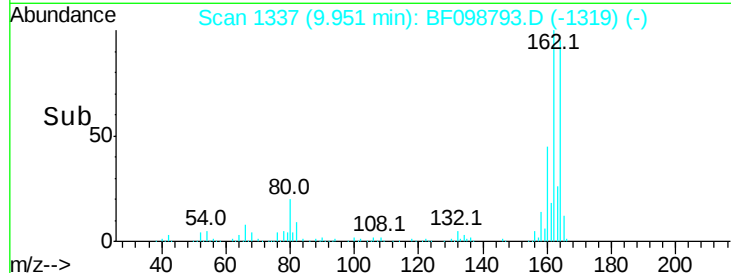
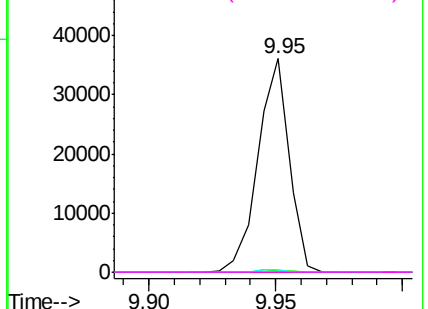


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



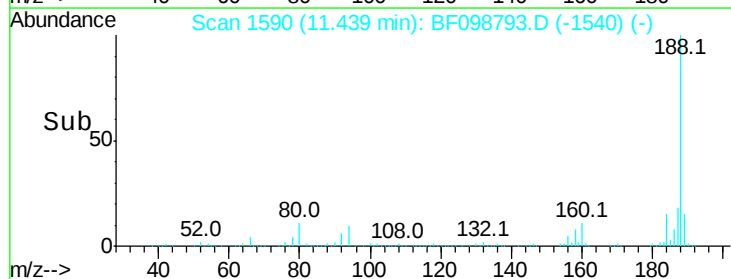
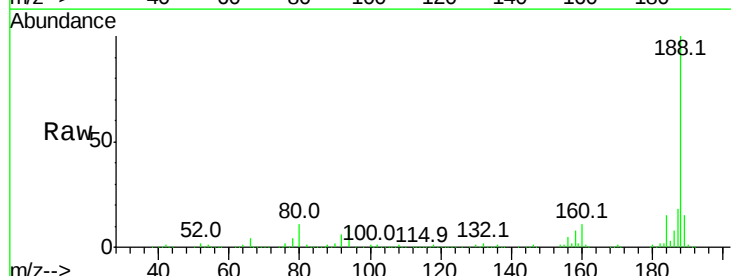
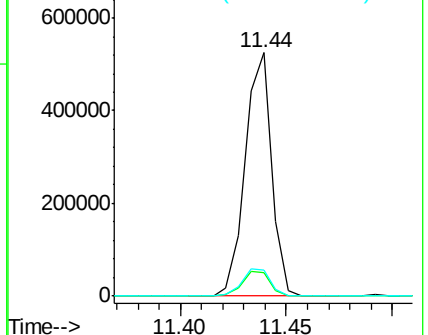
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BF098793.D
 Acq: 25 Sep 2017 20:07

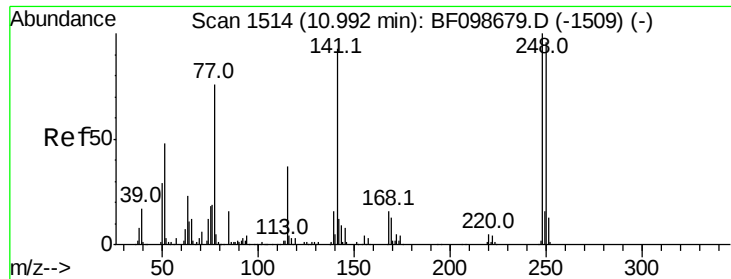
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	10.6	9.2	13.8

Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

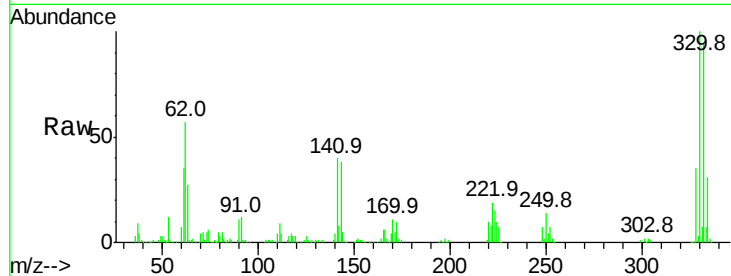




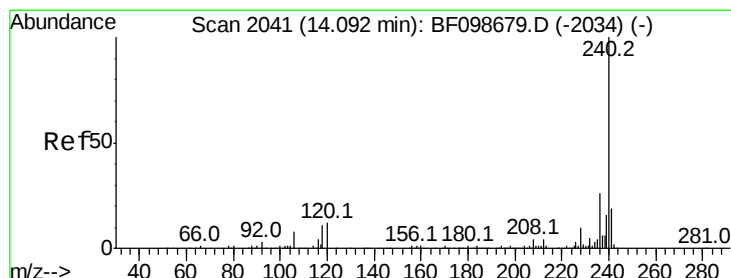
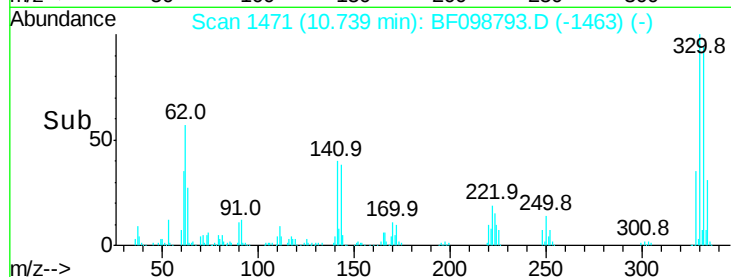
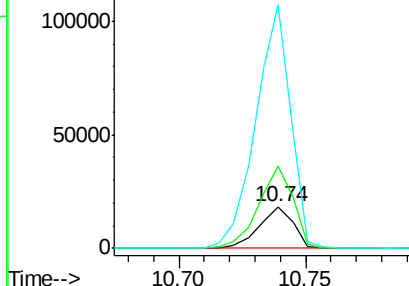
#66
 4-Bromophenyl-phenylether
 Concen: 3.895 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.25 min
 Lab File: BF098793.D
 Acq: 25 Sep 2017 20:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 17394
 Ion Ratio Lower Upper
 248 100
 250 195.9 76.9 115.3#
 141 581.4 74.4 111.6#

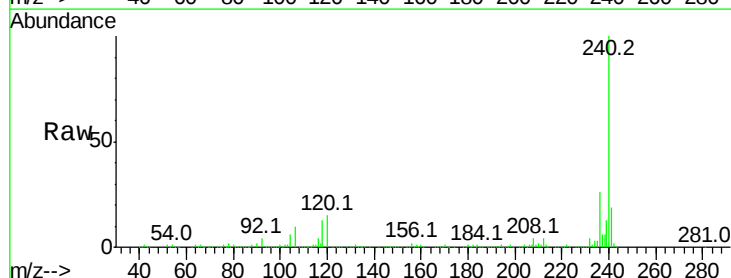


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

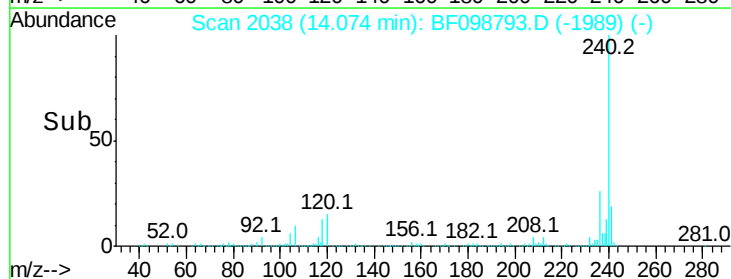
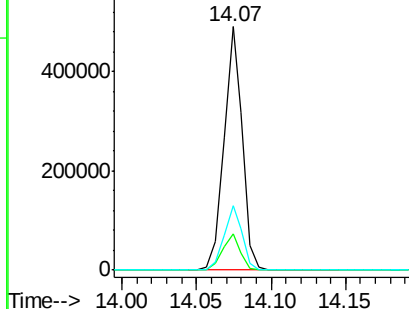


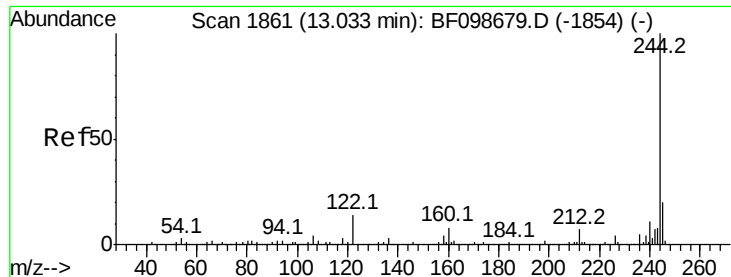
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. -0.01 min
 Lab File: BF098793.D
 Acq: 25 Sep 2017 20:07

Tgt Ion:240 Resp: 423191
 Ion Ratio Lower Upper
 240 100
 120 14.8 9.5 14.3#
 236 26.3 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: 62.527 ng

RT: 13.02 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BF098793.D

Acq: 25 Sep 2017 20:07

Instrument :

BNA_F

ClientSampled :

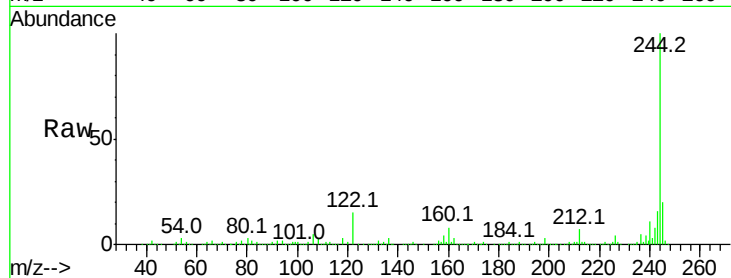
Tot Ion:244 Resp: 1163517

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

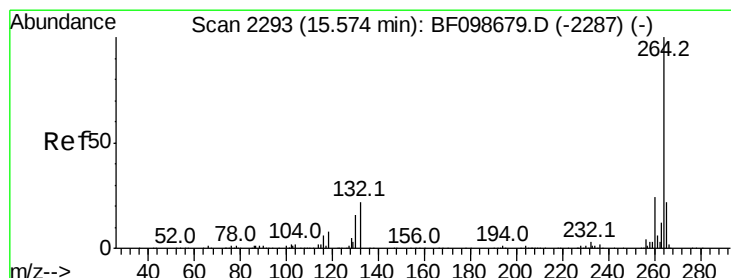
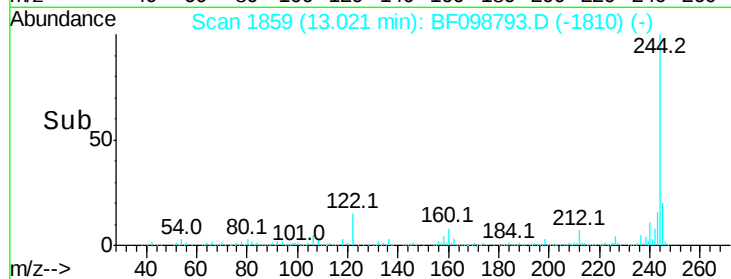
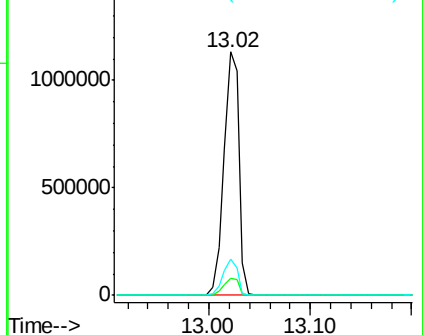
122 14.7 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.57 min Scan# 2292

Delta R.T. -0.01 min

Lab File: BF098793.D

Acq: 25 Sep 2017 20:07

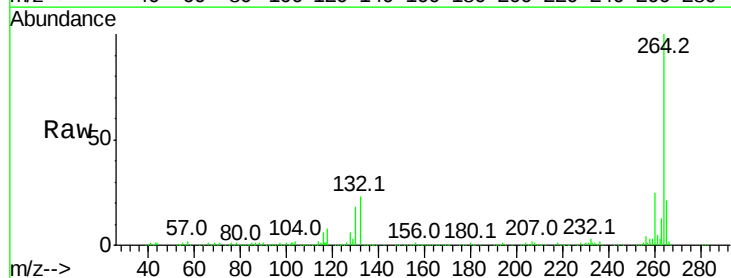
Tgt Ion:264 Resp: 380563

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

265 21.0 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

