

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
 Data File : BF098935.D
 Acq On : 29 Sep 2017 4:32
 Operator : SJ/JU
 Sample : I5485-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 29 05:01:12 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

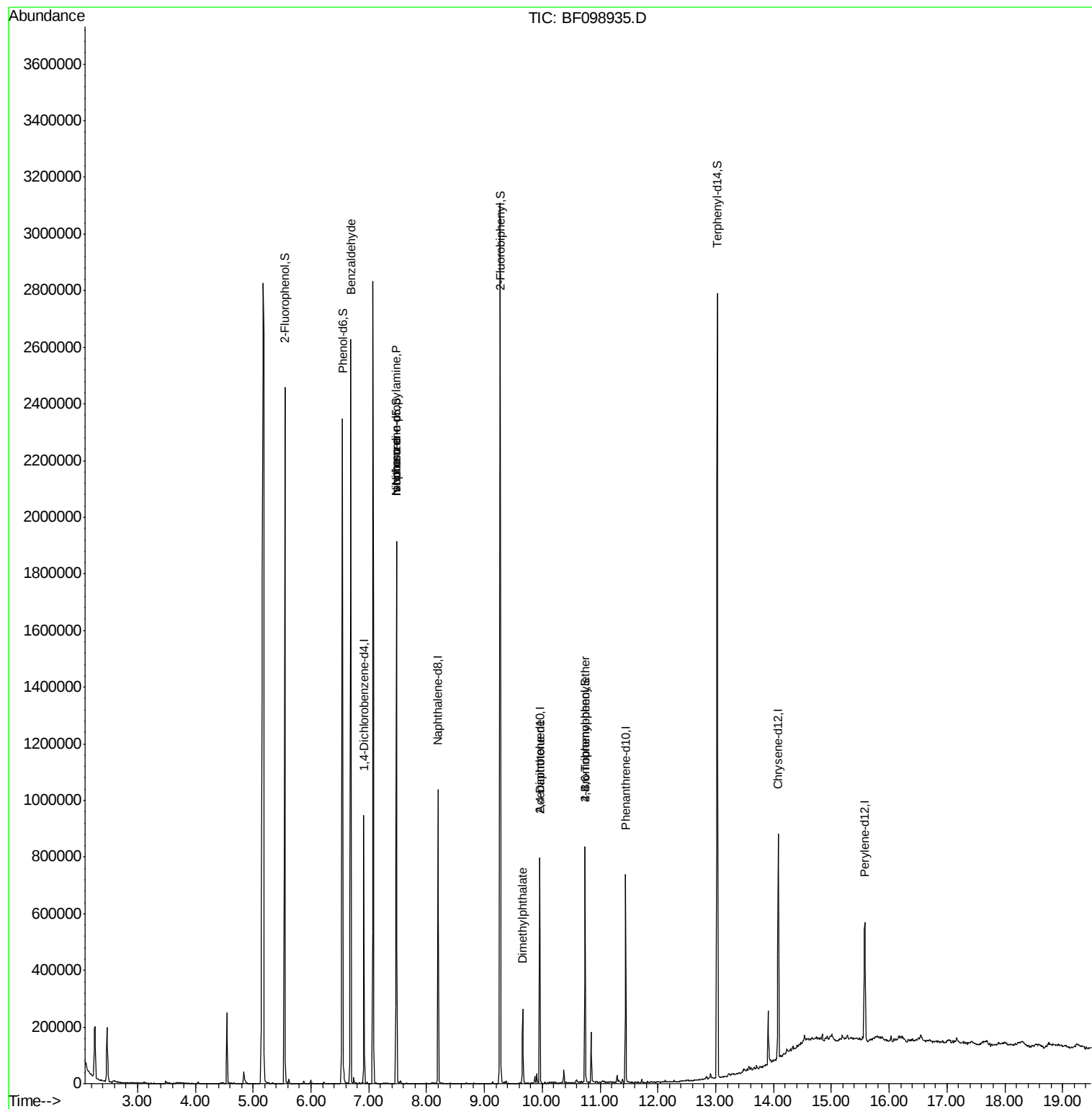
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	125581	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	444153	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	155783	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	263156	20.00	ng	0.00
75) Chrysene-d12	14.08	240	259288	20.00	ng	0.00
86) Perylene-d12	15.58	264	184748	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	668449	84.73	ng	0.00
7) Phenol-d6	6.55	99	906494	93.15	ng	0.00
23) Nitrobenzene-d5	7.48	82	615490	88.87	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	77513	60.81	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	955693	102.41	ng	0.00
78) Terphenyl-d14	13.03	244	820905	72.00	ng	0.00
Target Compounds						
9) Benzaldehyde	6.69	77	14551	2.58	ng	85
19) n-Nitroso-di-n-propylamine	7.48	70	81269	13.08	ng	# 77
25) Isophorone	7.48	82	612627	42.78	ng	# 64
49) Dimethylphthalate	9.66	163	95881	8.15	ng	99
56) 2,4-Dinitrotoluene	9.96	165	19631	5.91	ng	# 21
66) 4-Bromophenyl-phenylether	10.74	248	5587	2.17	ng	# 1

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

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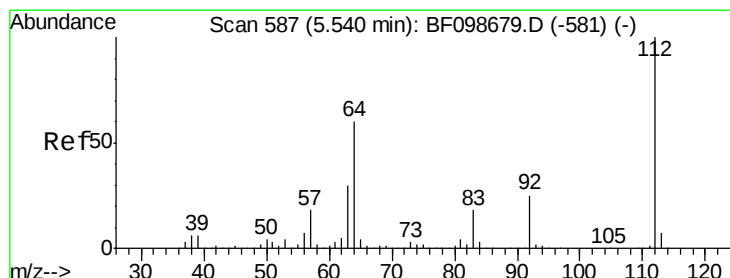
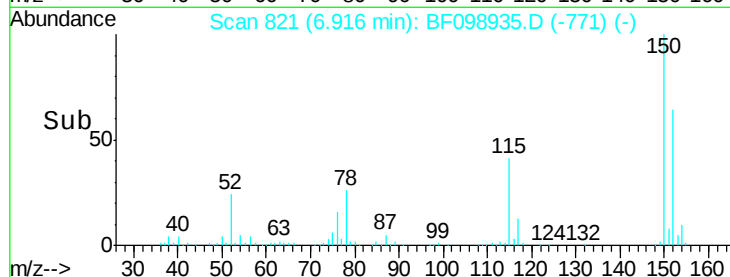
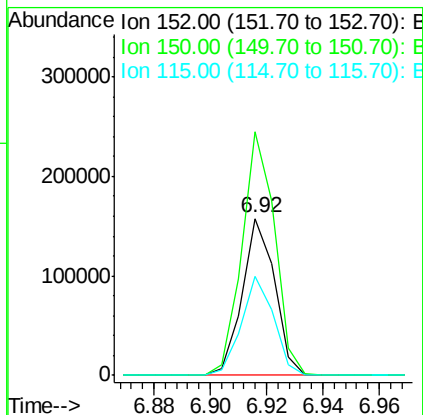
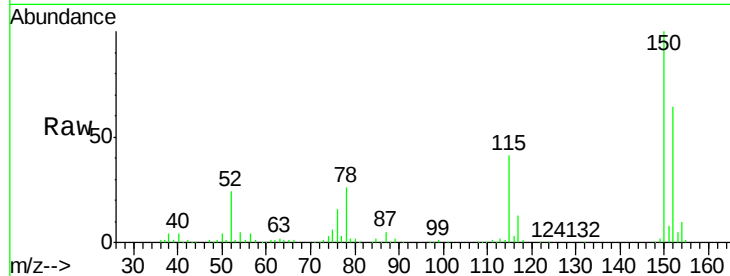


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098935.D
Acq: 29 Sep 2017 4:32

Instrument :
BNA_F
ClientSampleId :

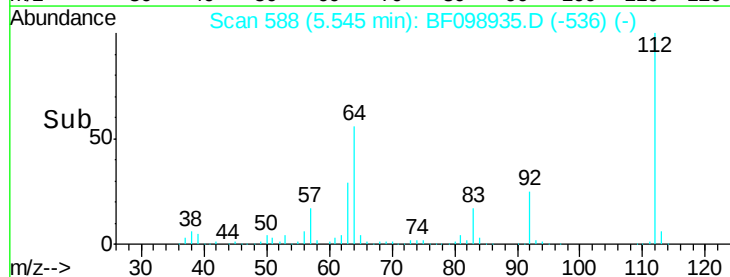
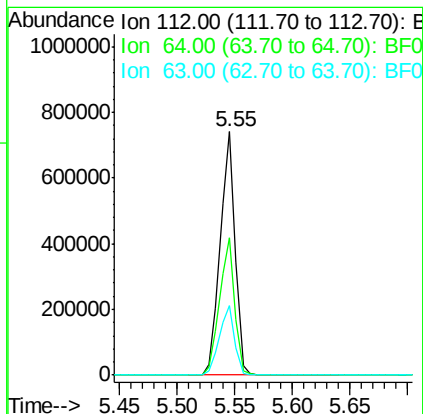
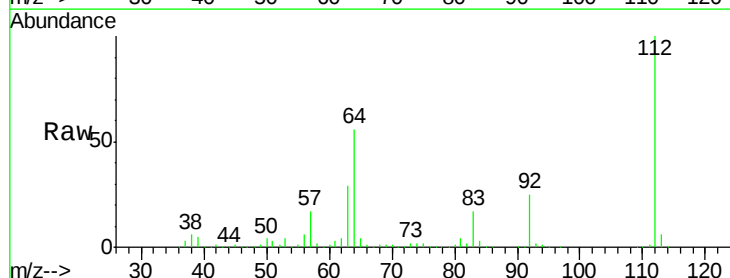
Tot Ion:152 Resp: 125581
Ion Ratio Lower Upper
152 100
150 155.2 124.6 186.8
115 63.1 50.1 75.1

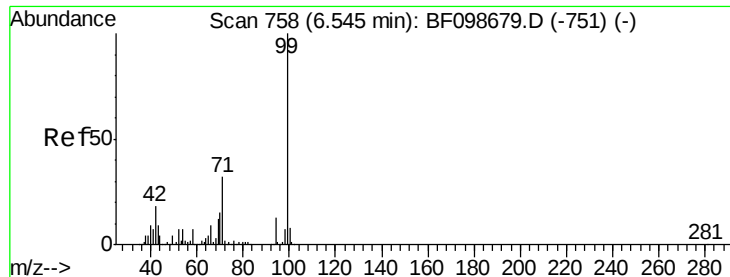


#5

2-Fluorophenol
Concen: 84.73 ng
RT: 5.55 min Scan# 588
Delta R.T. 0.01 min
Lab File: BF098935.D
Acq: 29 Sep 2017 4:32

Tgt Ion:112 Resp: 668449
Ion Ratio Lower Upper
112 100
64 56.5 47.9 71.9
63 28.7 23.7 35.5





#7

Phenol-d6

Concen: 93.15 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF098935.D

Acq: 29 Sep 2017 4:32

Instrument :

BNA_F

ClientSampled :

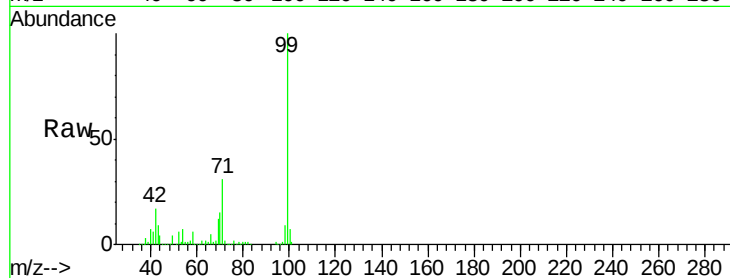
Tot Ion: 99 Resp: 906494

Ion Ratio Lower Upper

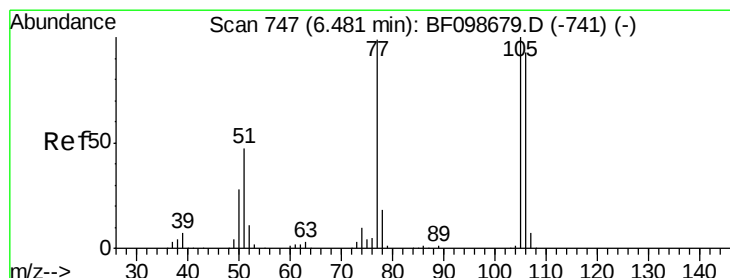
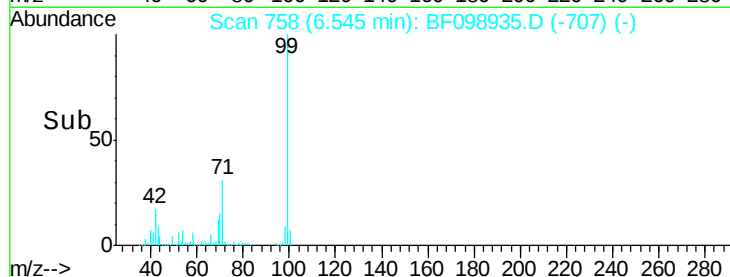
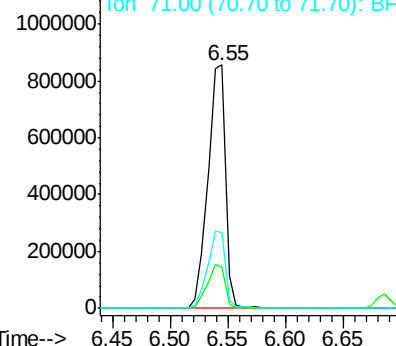
99 100

42 16.9 14.5 21.7

71 31.2 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 2.58 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.21 min

Lab File: BF098935.D

Acq: 29 Sep 2017 4:32

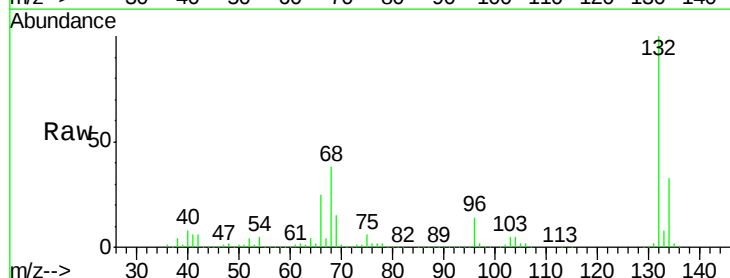
Tgt Ion: 77 Resp: 14551

Ion Ratio Lower Upper

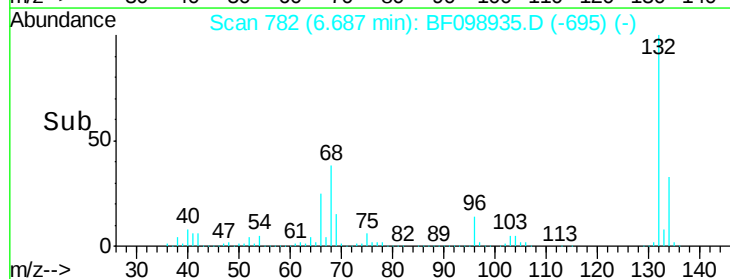
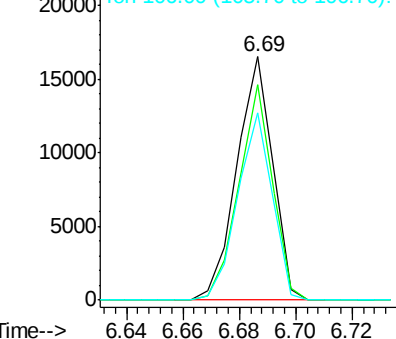
77 100

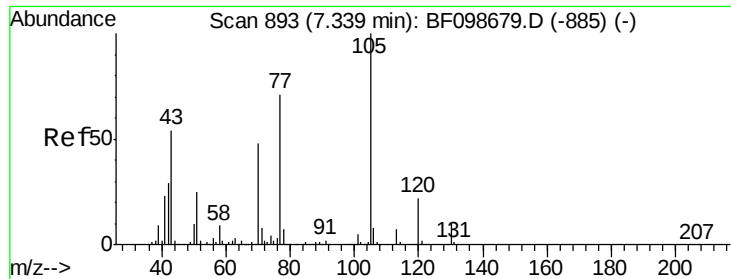
105 88.3 81.1 121.1

106 76.8 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): B
Ion 106.00 (105.70 to 106.70): B

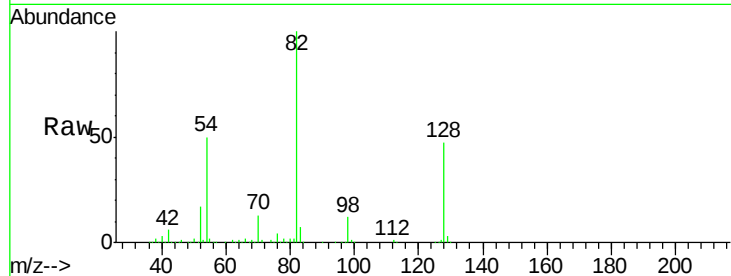




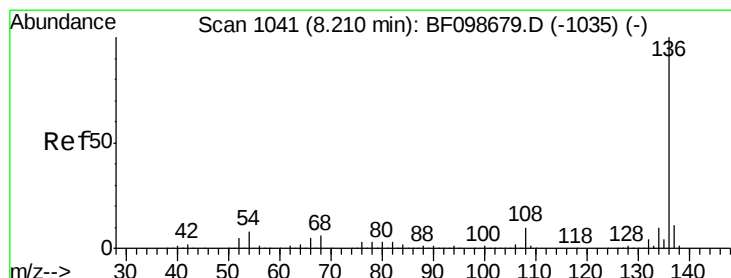
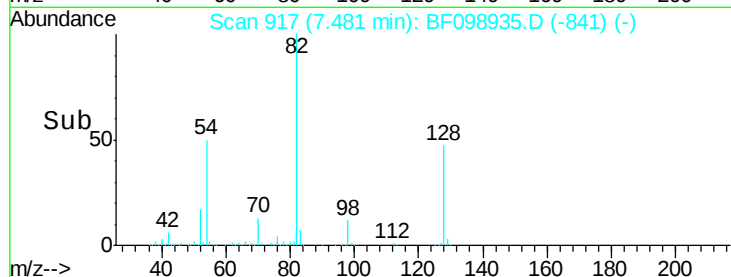
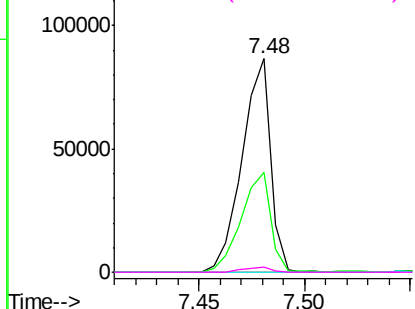
#19
n-Nitroso-di-n-propylamine
Concen: 13.08 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.15 min
Lab File: BF098935.D
Acq: 29 Sep 2017 4:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 81269
Ion Ratio Lower Upper
70 100
42 46.5 47.5 71.3#
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#

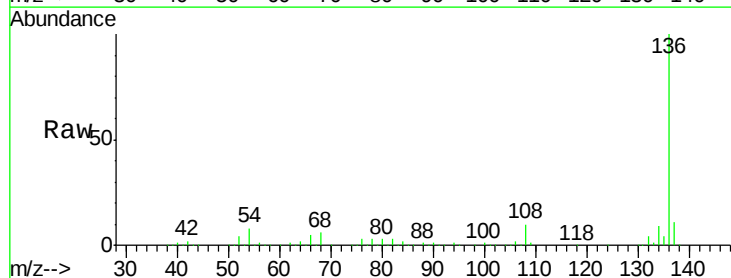


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

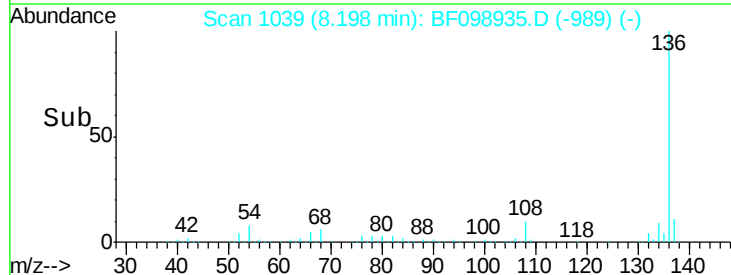
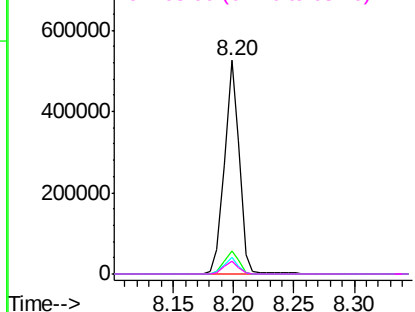


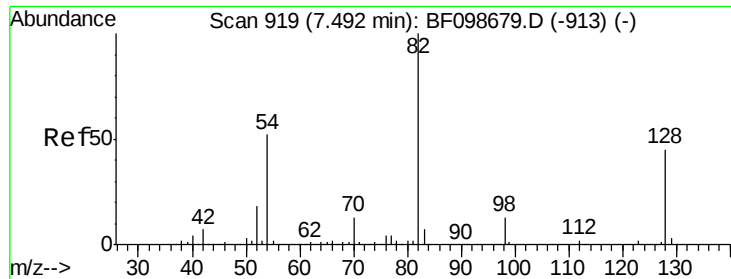
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098935.D
Acq: 29 Sep 2017 4:32

Tgt Ion: 136 Resp: 444153
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.9 6.6 9.8
68 6.0 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): BF0
Ion 68.00 (67.70 to 68.70): BF0

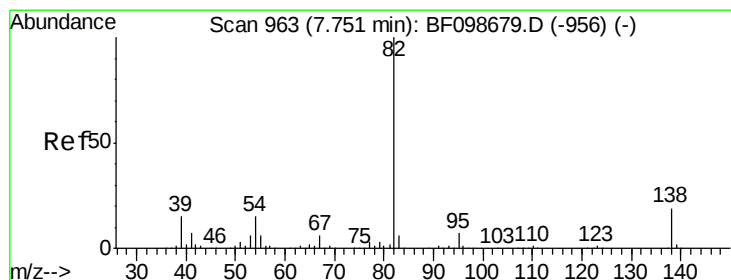
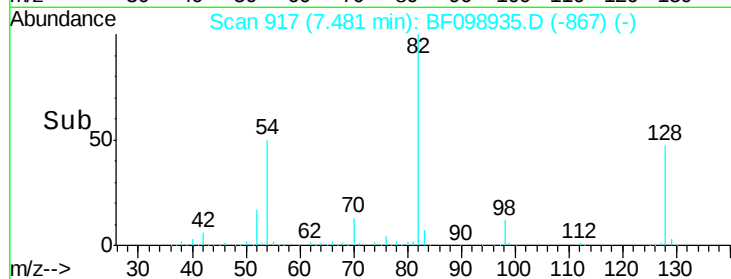
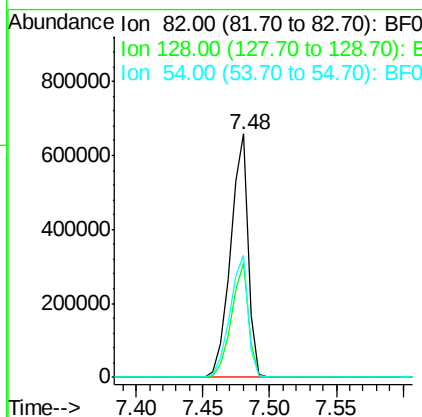
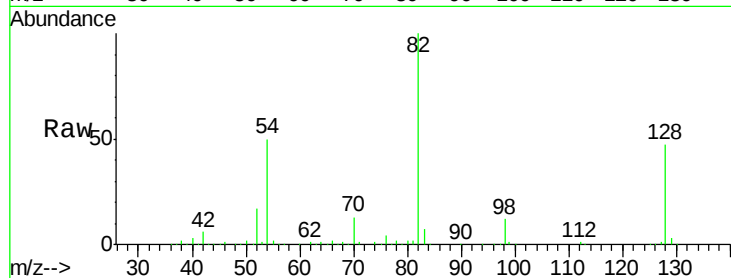




#23
 Nitrobenzene-d5
 Concen: 88.87 ng
 RT: 7.48 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BF098935.D
 Acq: 29 Sep 2017 4:32

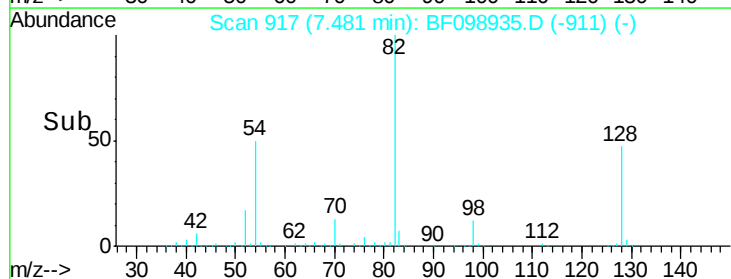
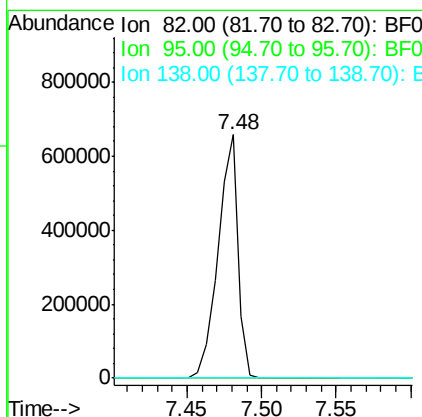
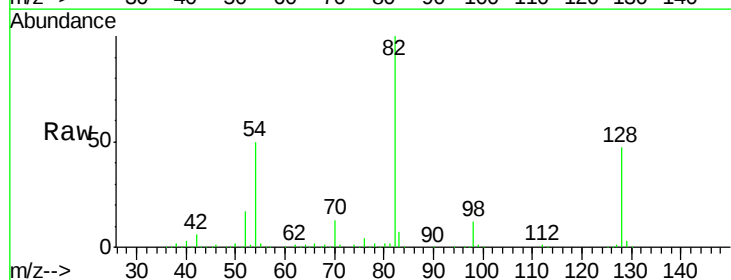
Instrument :
 BNA_F
 ClientSampled :

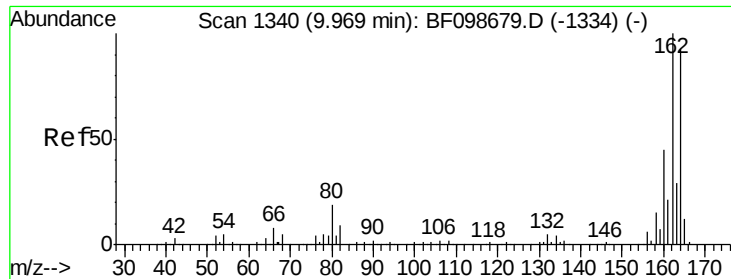
Tot Ion	82	Resp	615490
Ion Ratio	100	Lower	Upper
128	47.0	36.1	54.1
54	50.0	41.4	62.2



#25
 Isophorone
 Concen: 42.78 ng
 RT: 7.48 min Scan# 917
 Delta R.T. -0.26 min
 Lab File: BF098935.D
 Acq: 29 Sep 2017 4:32

Tgt Ion	82	Resp	612627
Ion Ratio	100	Lower	Upper
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

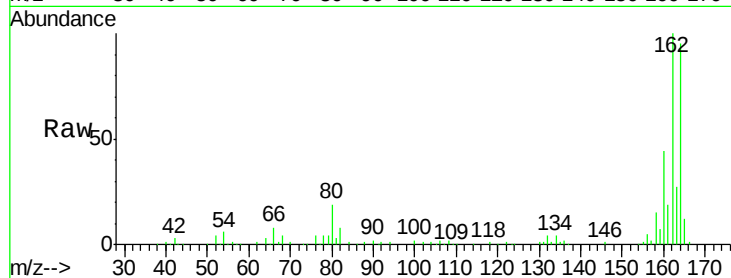




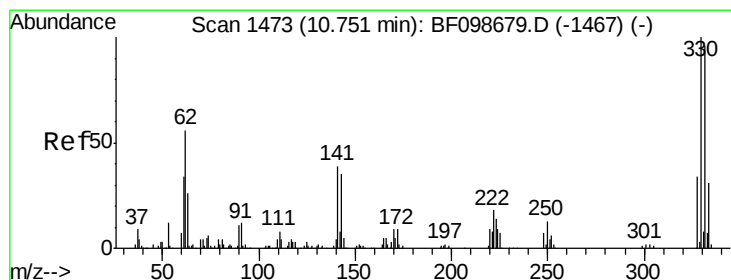
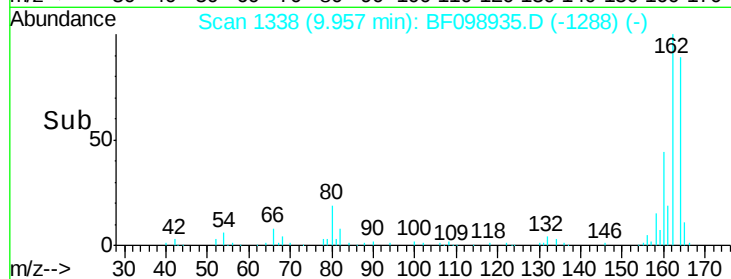
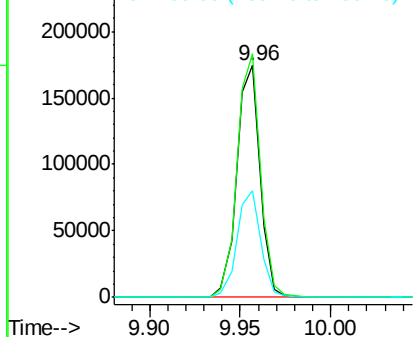
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF098935.D
 Acq: 29 Sep 2017 4:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 155783
 Ion Ratio Lower Upper
 164 100
 162 105.1 86.1 129.1
 160 46.3 38.3 57.5

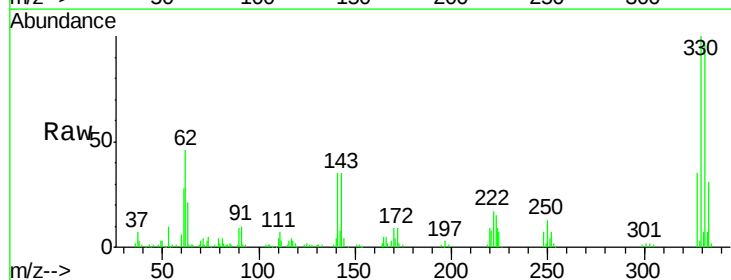


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

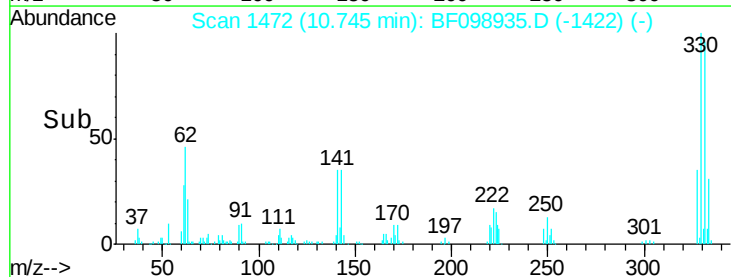
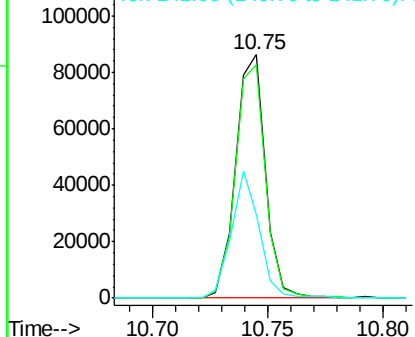


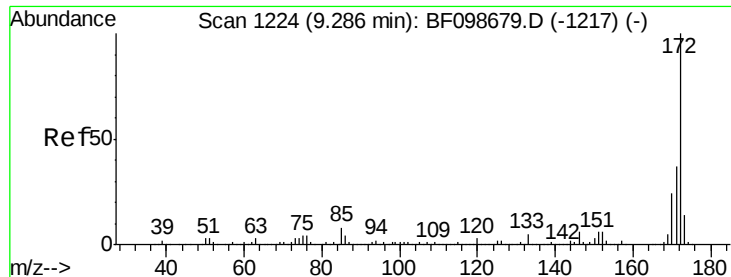
#41
 2,4,6-Tribromophenol
 Concen: 60.81 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BF098935.D
 Acq: 29 Sep 2017 4:32

Tgt Ion:330 Resp: 77513
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.0 115.6
 141 48.6 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

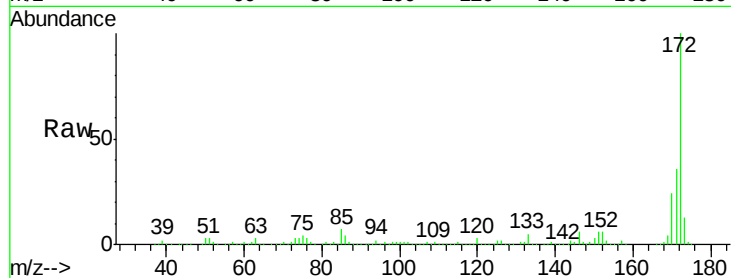




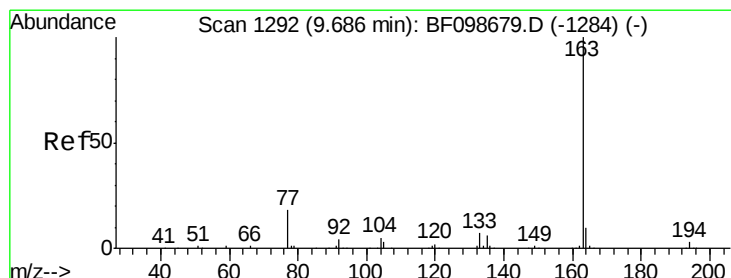
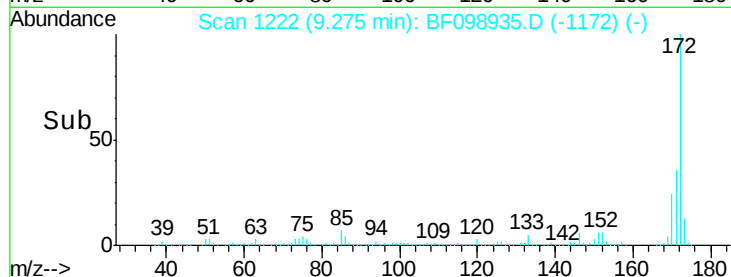
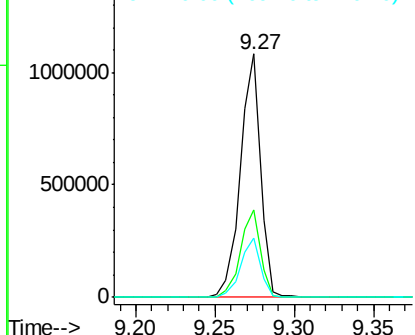
#44
 2-Fluorobiphenyl
 Concen: 102.41 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098935.D
 Acq: 29 Sep 2017 4:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 955693
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 24.3 19.6 29.4

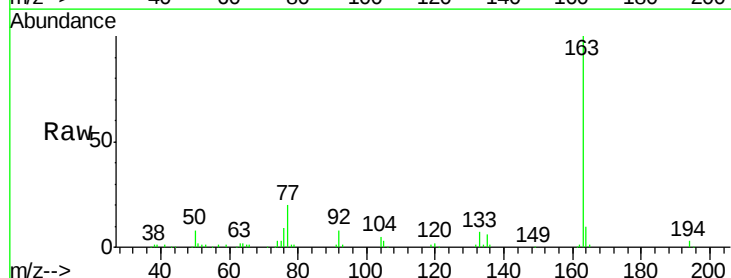


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

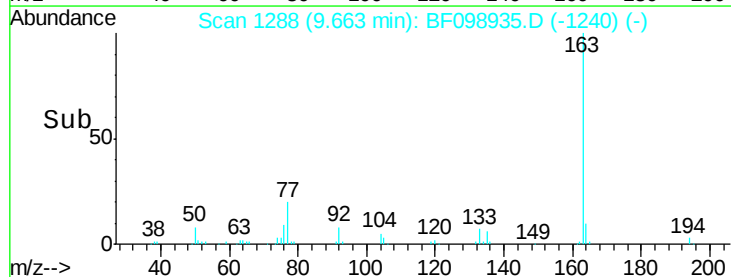
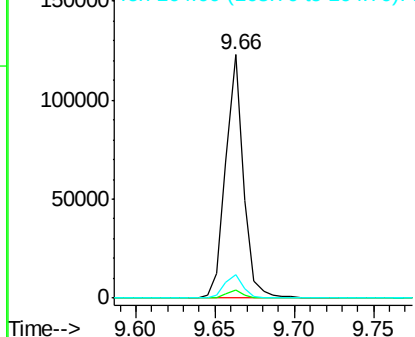


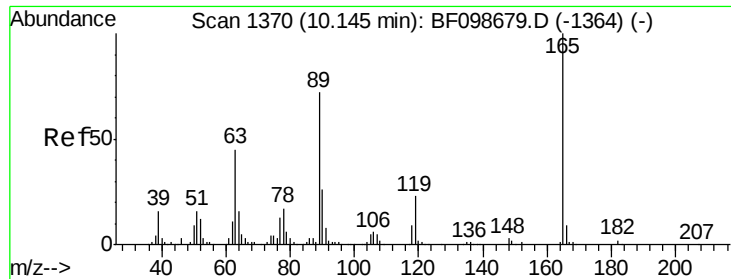
#49
 Dimethylphthalate
 Concen: 8.15 ng
 RT: 9.66 min Scan# 1288
 Delta R.T. -0.02 min
 Lab File: BF098935.D
 Acq: 29 Sep 2017 4:32

Tgt Ion:163 Resp: 95881
 Ion Ratio Lower Upper
 163 100
 194 3.1 2.7 4.1
 164 9.9 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

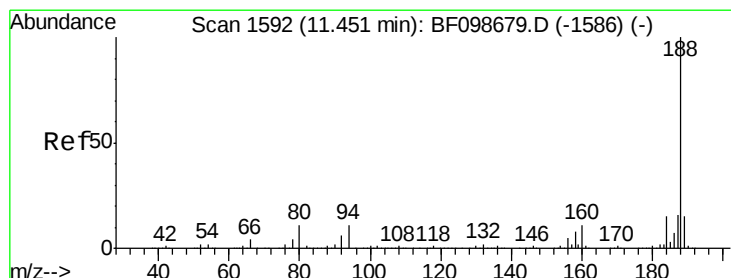
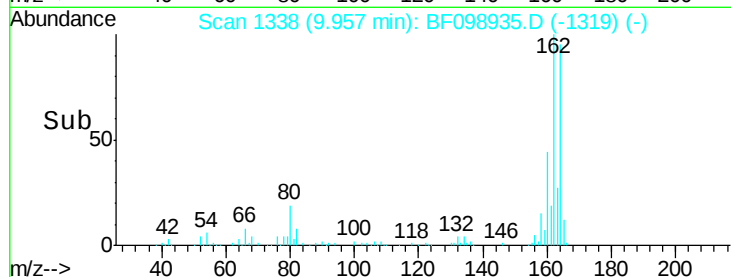
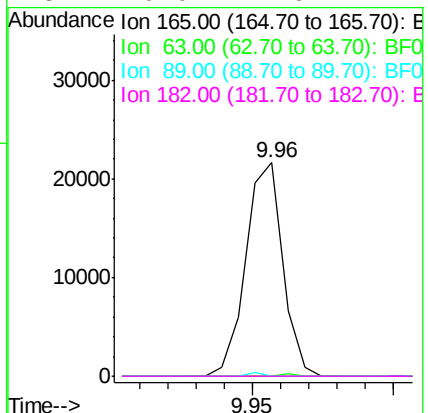
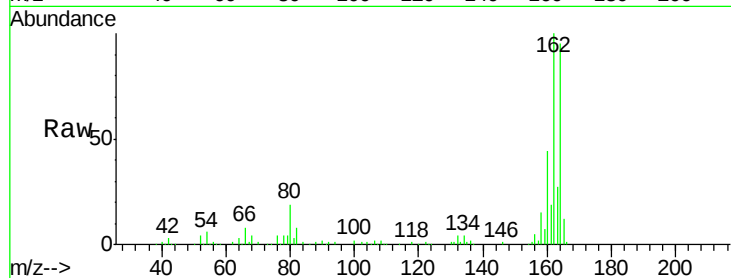




#56
 2,4-Dinitrotoluene
 Concen: 5.91 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.19 min
 Lab File: BF098935.D
 Acq: 29 Sep 2017 4:32

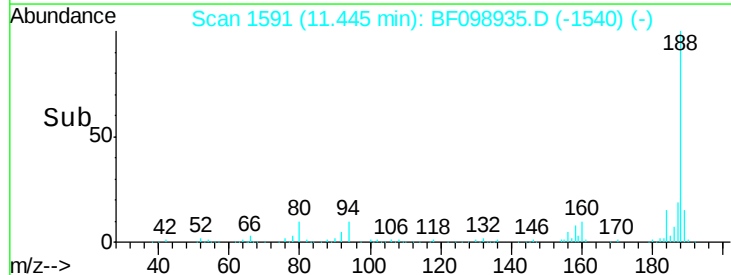
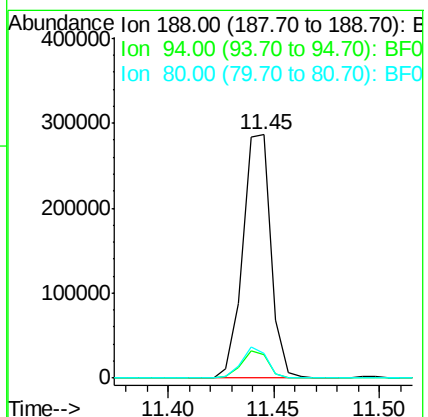
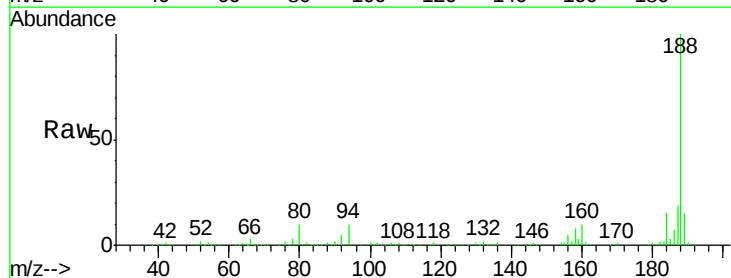
Instrument :
 BNA_F
 ClientSampleId :

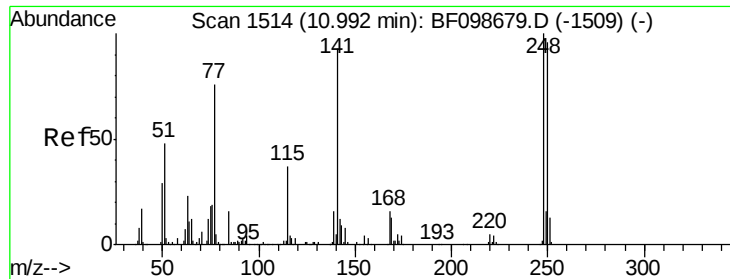
Tot Ion:	165	Resp:	19631
Ion Ratio	Lower	Upper	
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. -0.00 min
 Lab File: BF098935.D
 Acq: 29 Sep 2017 4:32

Tgt Ion:	188	Resp:	263156
Ion Ratio	Lower	Upper	
188	100		
94	9.5	8.5	12.7
80	10.4	9.2	13.8

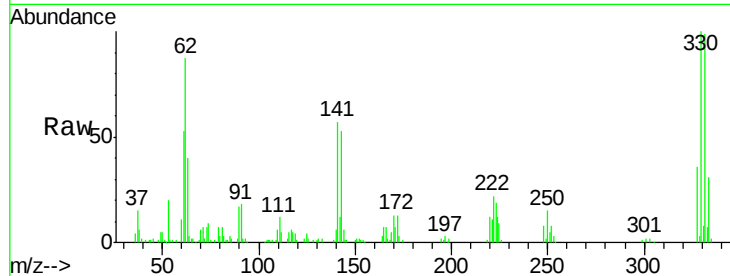




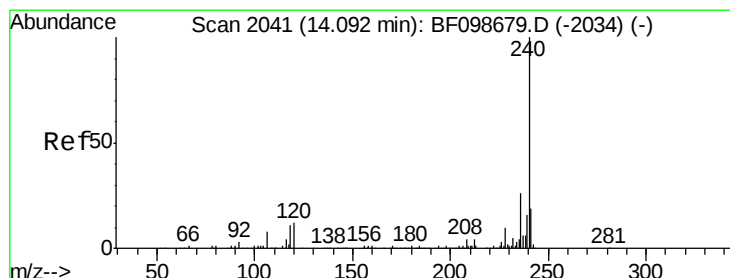
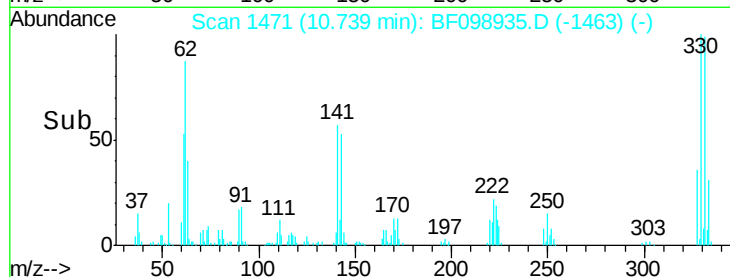
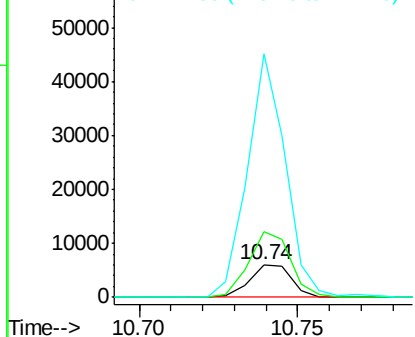
#66
4-Bromophenyl-phenylether
Concen: 2.17 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.25 min
Lab File: BF098935.D
Acq: 29 Sep 2017 4:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 5587
Ion Ratio Lower Upper
248 100
250 199.6 76.9 115.3#
141 736.8 74.4 111.6#

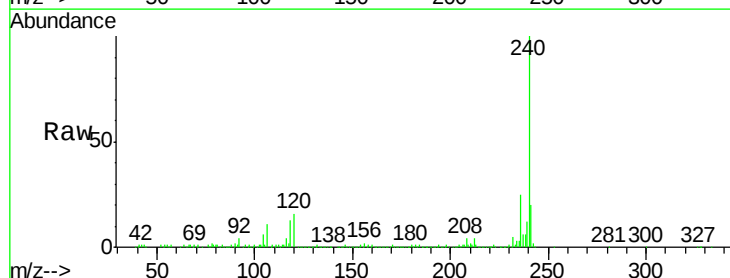


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

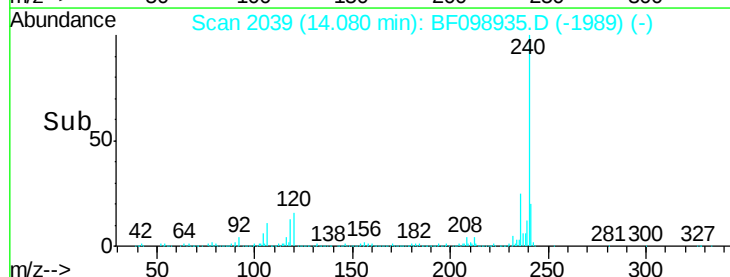
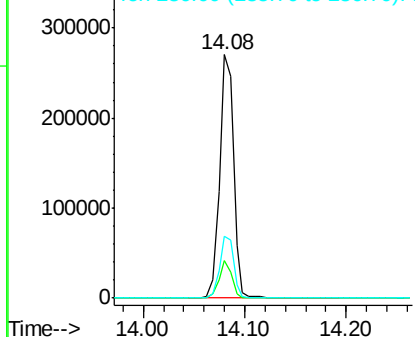


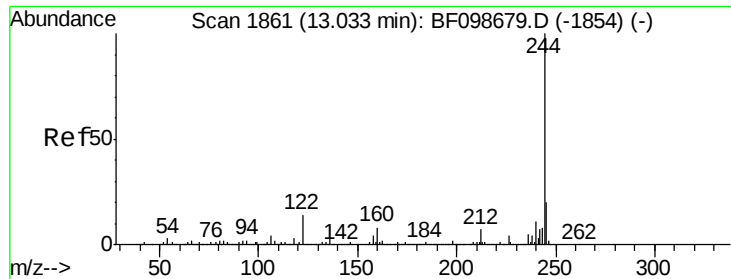
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF098935.D
Acq: 29 Sep 2017 4:32

Tgt Ion:240 Resp: 259288
Ion Ratio Lower Upper
240 100
120 15.6 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

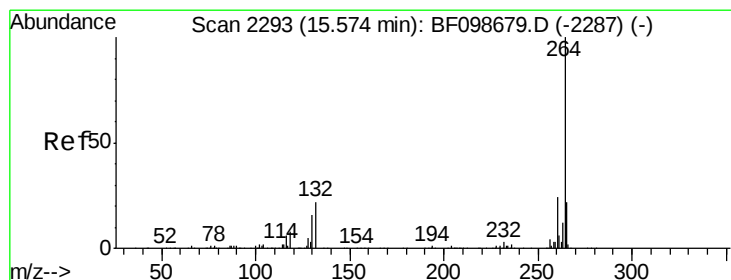
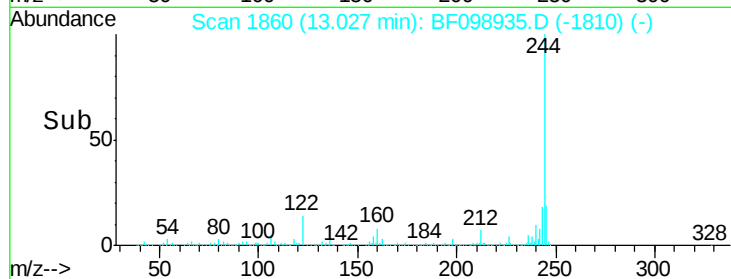
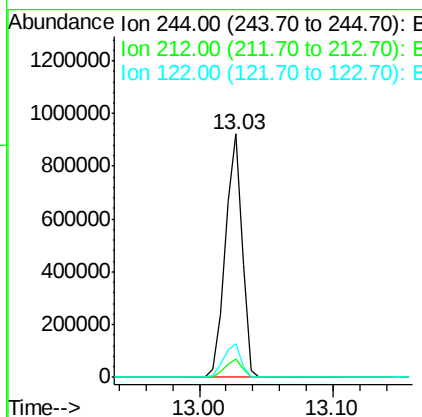
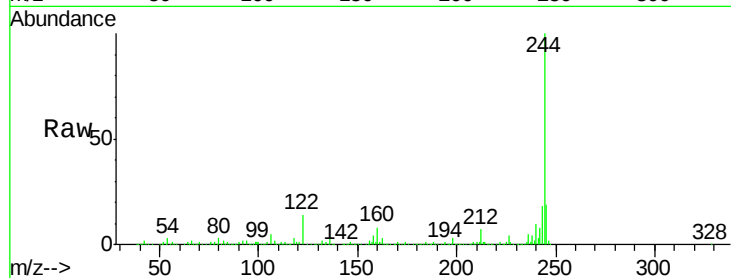




#78
 Terphenyl-d14
 Concen: 72.00 ng
 RT: 13.03 min Scan# 1860
 Delta R.T. -0.01 min
 Lab File: BF098935.D
 Acq: 29 Sep 2017 4:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 820905
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.0
 122 14.0 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.58 min Scan# 2294
 Delta R.T. 0.01 min
 Lab File: BF098935.D
 Acq: 29 Sep 2017 4:32

Tgt Ion:264 Resp: 184748
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 20.4 17.5 26.3

