

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092617\
 Data File : BF098845.D
 Acq On : 26 Sep 2017 21:15
 Operator : SJ/JU
 Sample : I5427-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 27 00:49:17 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

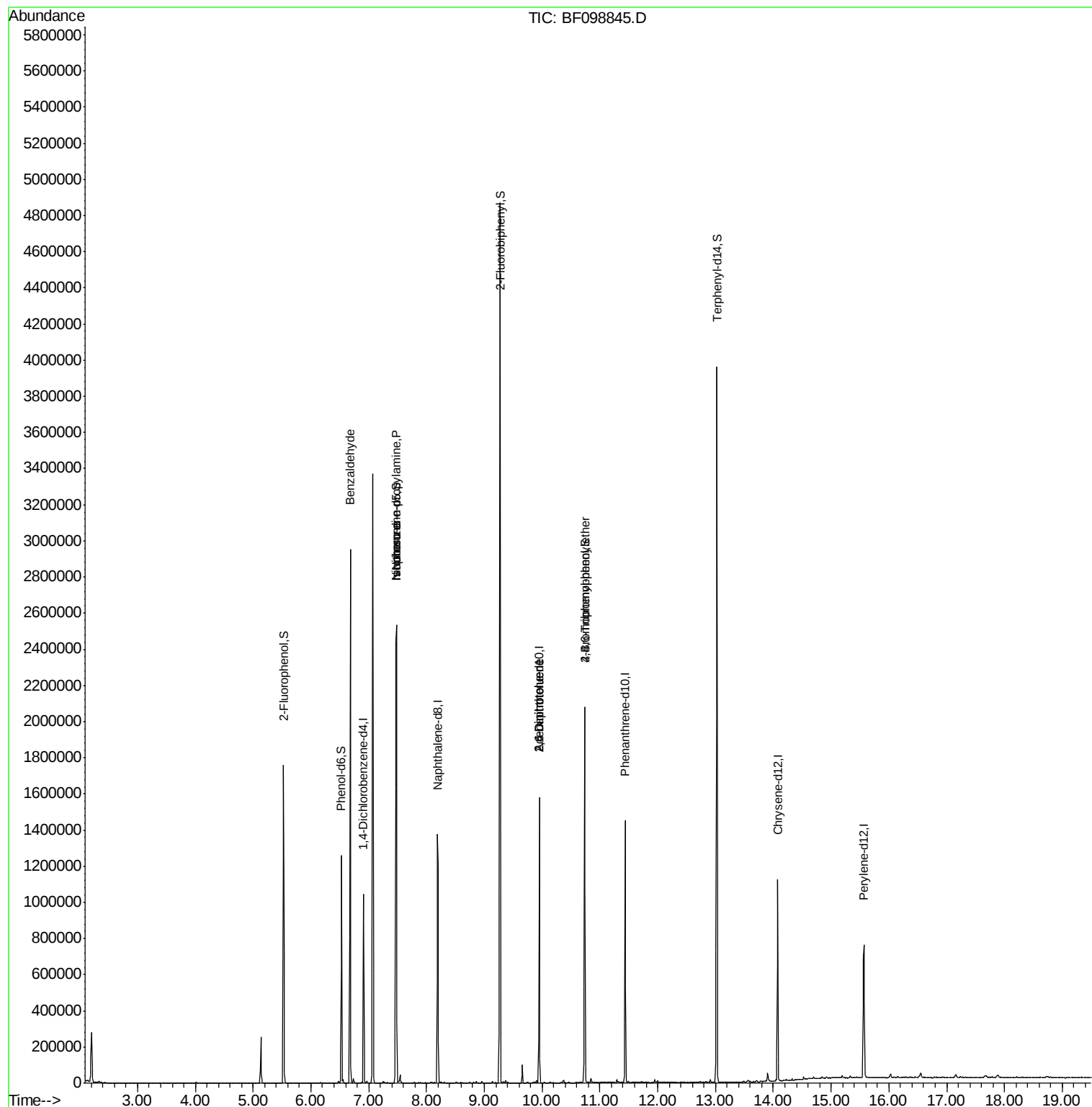
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	149156	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	621669	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	283899	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	477790	20.00	ng	0.00
75) Chrysene-d12	14.07	240	322620	20.00	ng	-0.01
86) Perylene-d12	15.57	264	308157	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	454759	48.54	ng	-0.01
7) Phenol-d6	6.53	99	355531	30.76	ng	-0.02
23) Nitrobenzene-d5	7.48	82	994142	102.55	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	224181	96.50	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	1749651	102.89	ng	0.00
78) Terphenyl-d14	13.03	244	1308521	92.24	ng	0.00
Target Compounds						
9) Benzaldehyde	6.68	77	16092	2.40	ng	Qvalue 83
19) n-Nitroso-di-n-propylamine	7.48	70	132232	17.92	ng	# 74
25) Isophorone	7.48	82	993914	49.59	ng	# 64
50) 2,6-Dinitrotoluene	9.95	165	35974	7.71	ng	# 25
56) 2,4-Dinitrotoluene	9.95	165	35974	5.94	ng	# 23
66) 4-Bromophenyl-phenylether	10.74	248	14850	3.18	ng	# 1

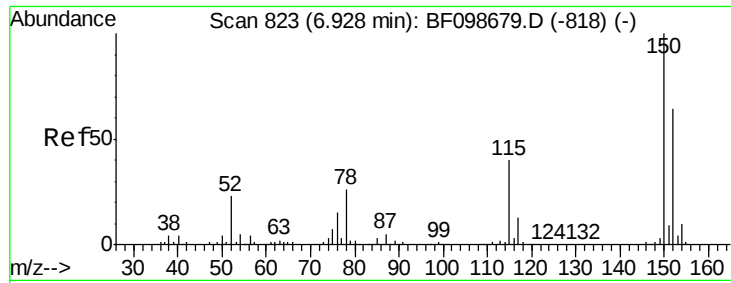
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF098845.D

Acq: 26 Sep 2017 21:15

Instrument :

BNA_F

ClientSampleId :

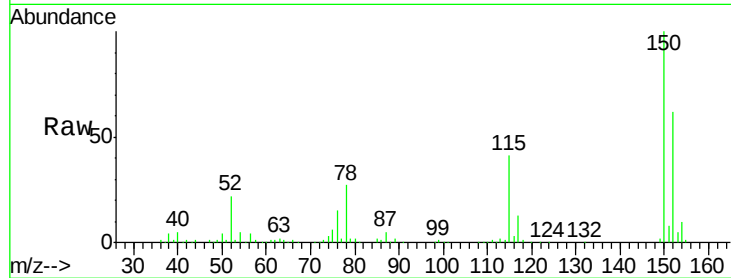
Tot Ion:152 Resp: 149156

Ion Ratio Lower Upper

152 100

150 160.8 124.6 186.8

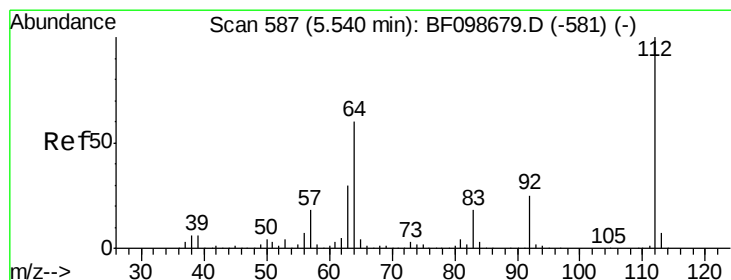
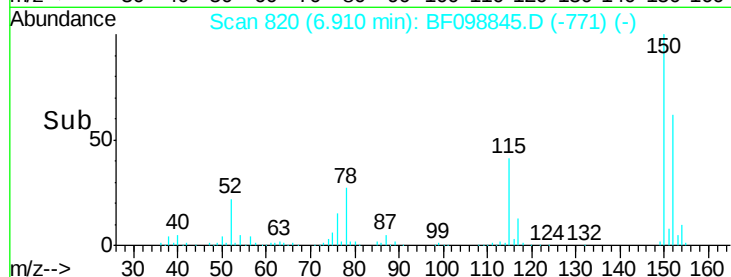
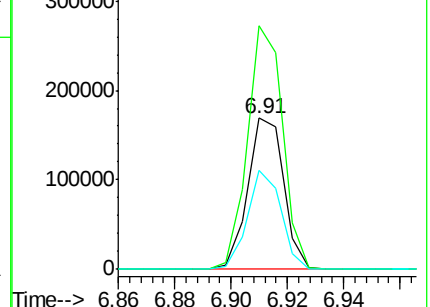
115 65.4 50.1 75.1



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: 48.54 ng

RT: 5.53 min Scan# 585

Delta R.T. -0.01 min

Lab File: BF098845.D

Acq: 26 Sep 2017 21:15

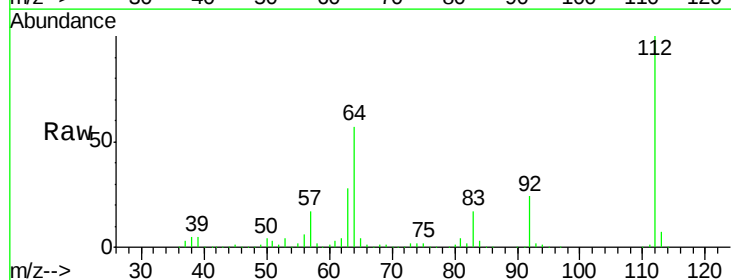
Tgt Ion:112 Resp: 454759

Ion Ratio Lower Upper

112 100

64 56.6 47.9 71.9

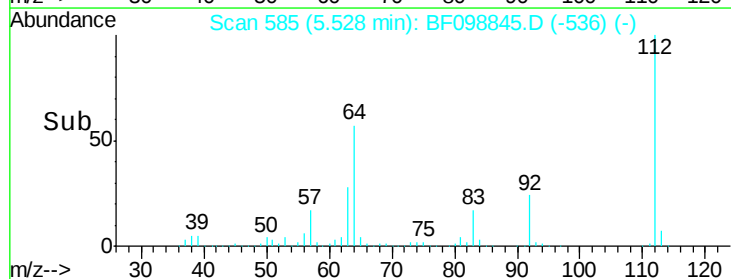
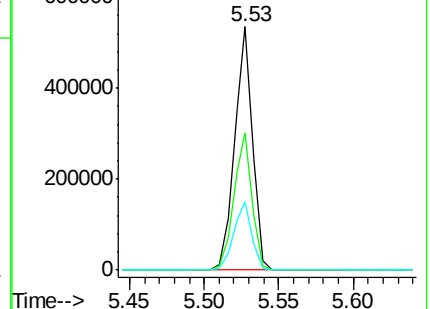
63 28.3 23.7 35.5

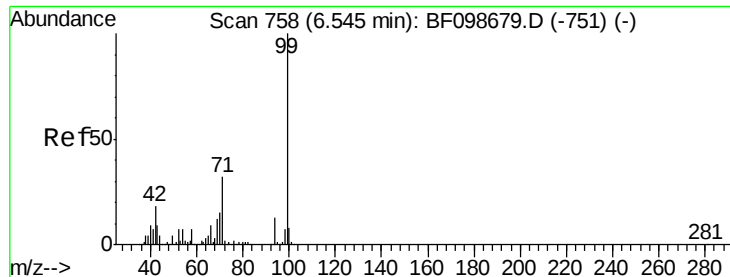


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 30.76 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF098845.D

Acq: 26 Sep 2017 21:15

Instrument :

BNA_F

ClientSampleId :

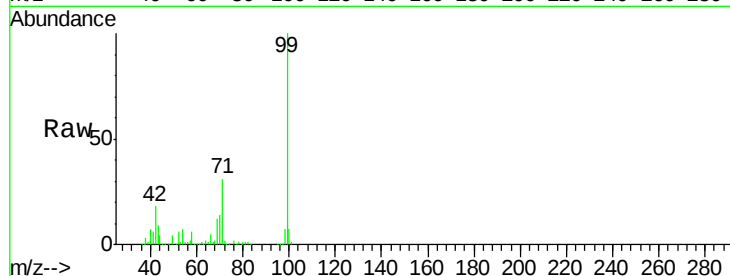
Tot Ion: 99 Resp: 35531

Ion Ratio Lower Upper

99 100

42 17.6 14.5 21.7

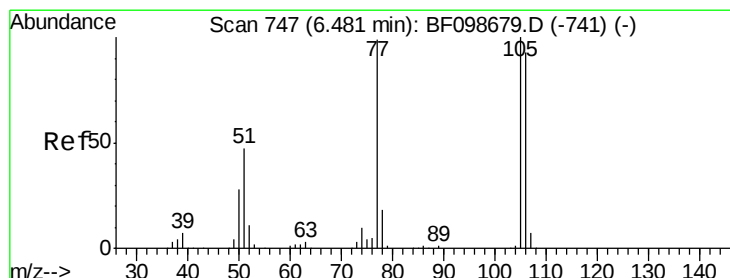
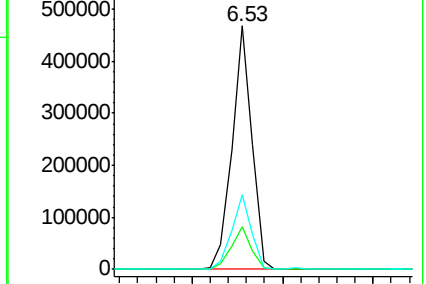
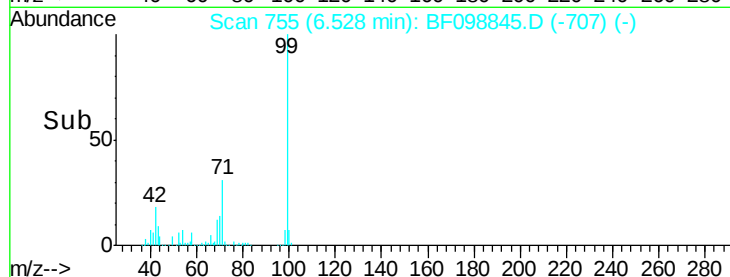
71 30.8 25.4 38.0



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: 2.40 ng

RT: 6.68 min Scan# 781

Delta R.T. 0.21 min

Lab File: BF098845.D

Acq: 26 Sep 2017 21:15

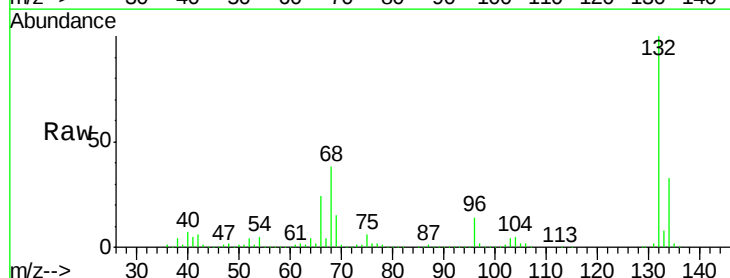
Tgt Ion: 77 Resp: 16092

Ion Ratio Lower Upper

77 100

105 83.3 81.1 121.1

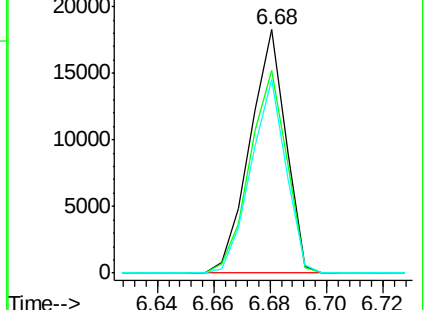
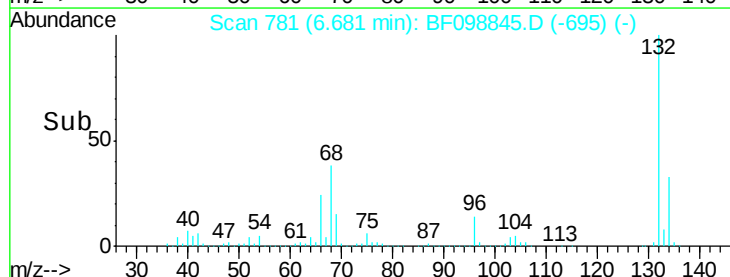
106 79.3 74.5 114.5

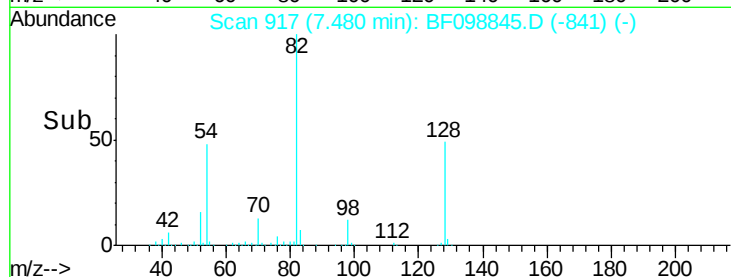
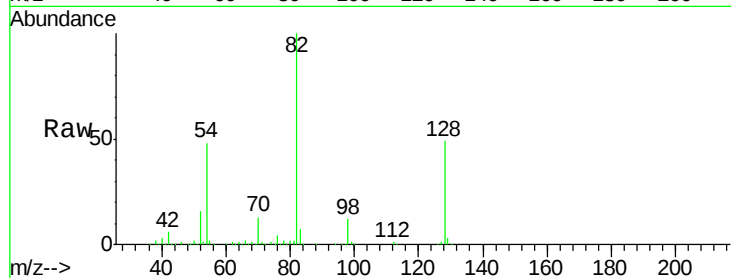
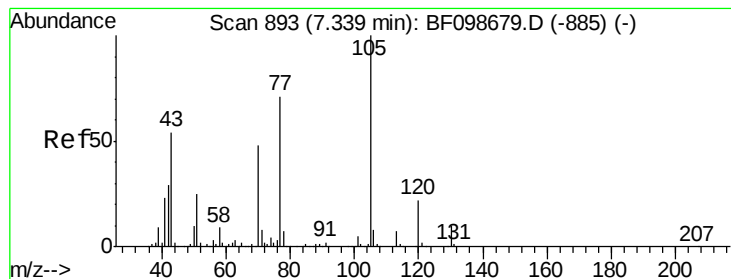


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 17.92 ng

RT: 7.48 min Scan# 917

Delta R.T. 0.15 min

Lab File: BF098845.D

Acq: 26 Sep 2017 21:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 132232

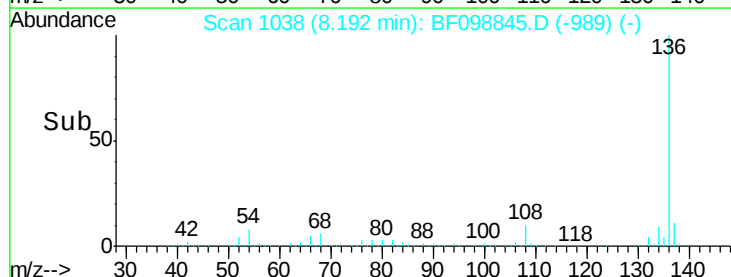
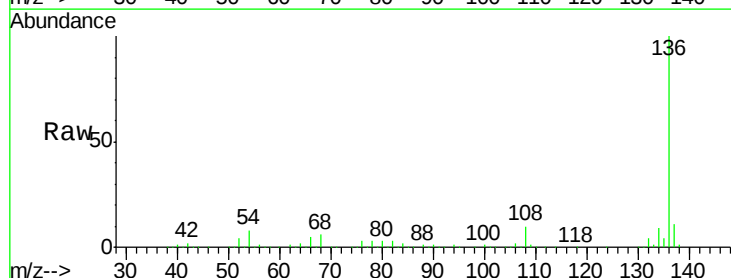
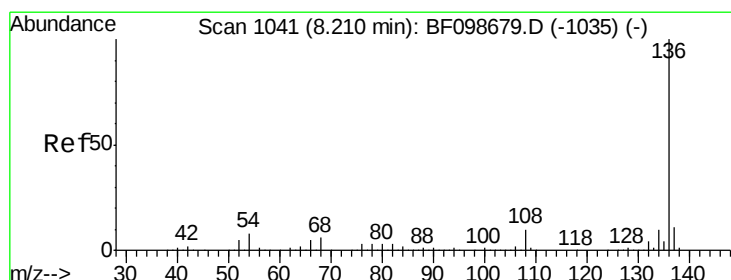
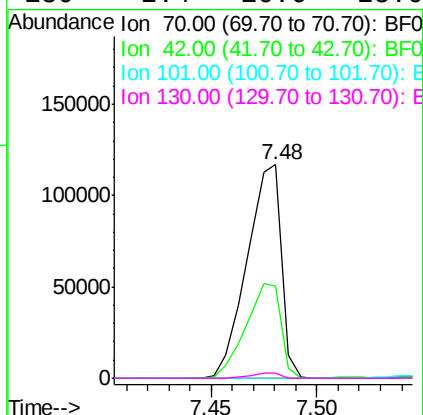
Ion Ratio Lower Upper

70 100

42 43.2 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF098845.D

Acq: 26 Sep 2017 21:15

Tgt Ion: 136 Resp: 621669

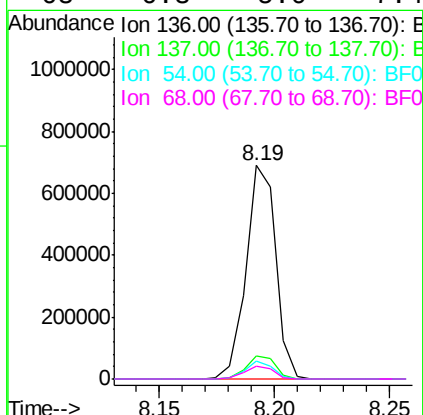
Ion Ratio Lower Upper

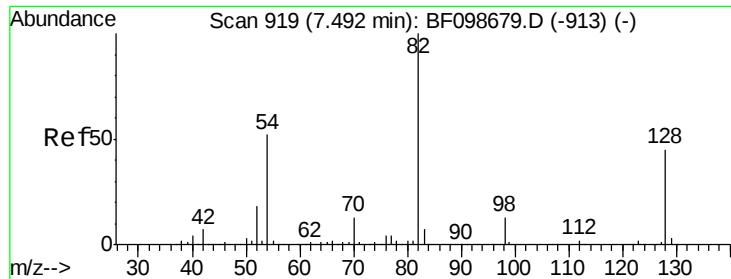
136 100

137 11.0 8.9 13.3

54 8.4 6.6 9.8

68 6.3 5.0 7.4

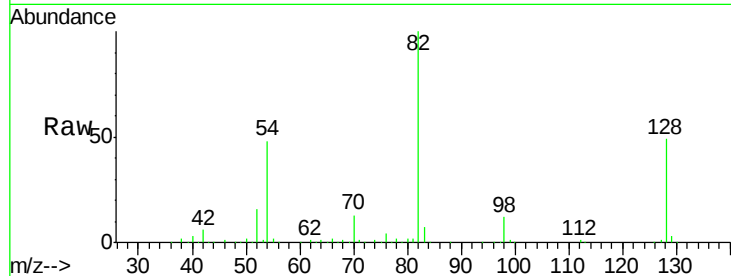




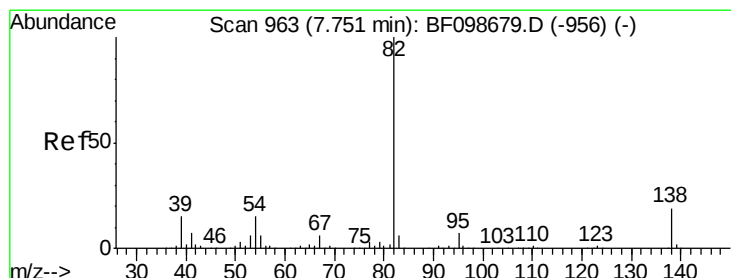
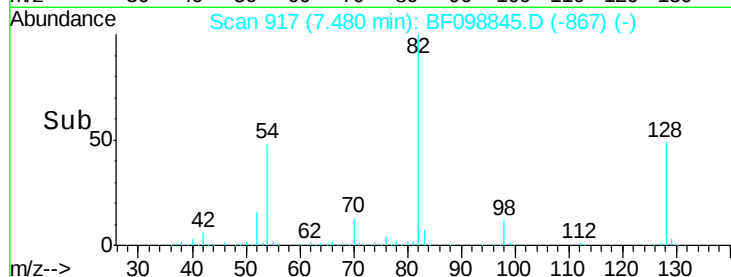
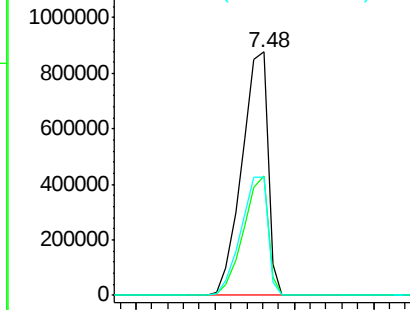
#23
 Nitrobenzene-d5
 Concen: 102.55 ng
 RT: 7.48 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BF098845.D
 Acq: 26 Sep 2017 21:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	994142
Ion Ratio	100	Lower	Upper
128	49.2	36.1	54.1
54	48.3	41.4	62.2

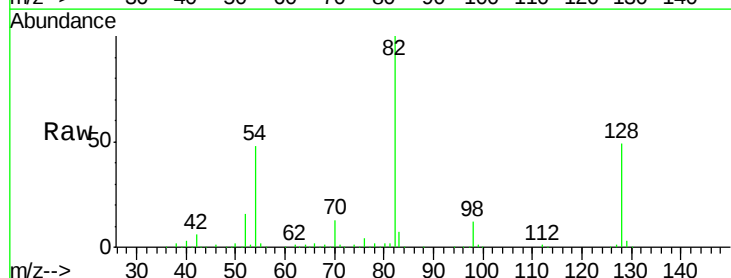


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

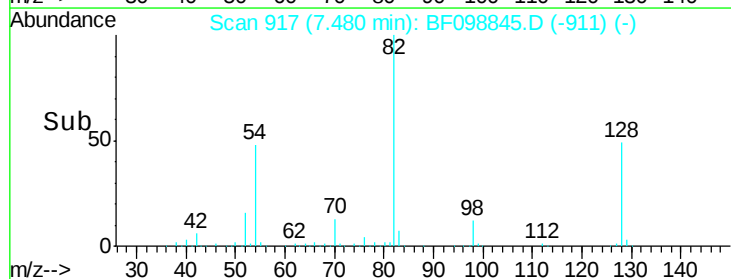
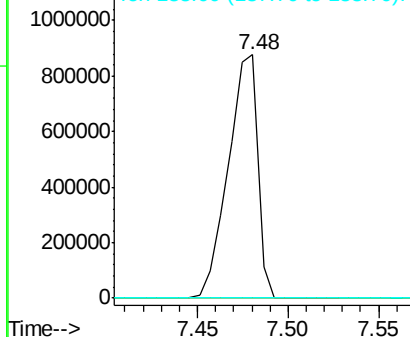


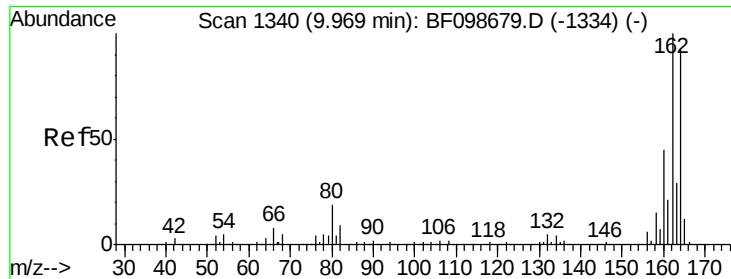
#25
 Isophorone
 Concen: 49.59 ng
 RT: 7.48 min Scan# 917
 Delta R.T. -0.26 min
 Lab File: BF098845.D
 Acq: 26 Sep 2017 21:15

Tgt Ion	82	Resp	993914
Ion Ratio	100	Lower	Upper
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

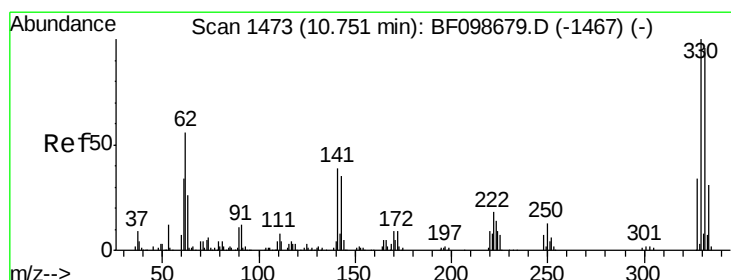
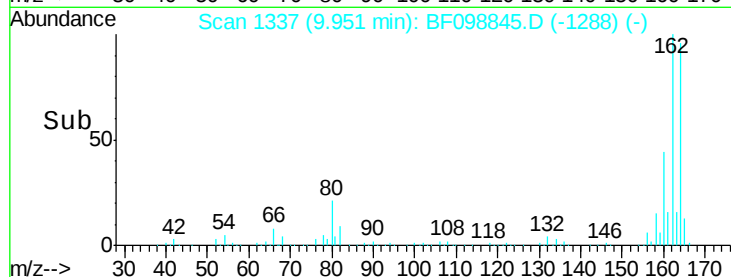
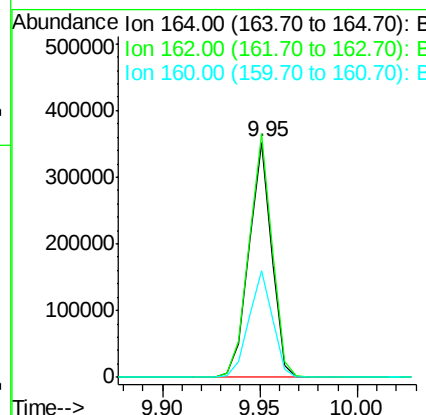
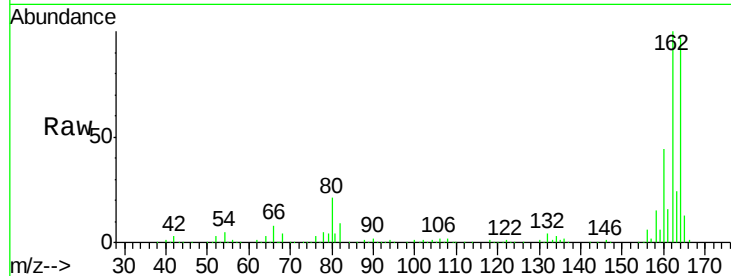




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF098845.D
 Acq: 26 Sep 2017 21:15

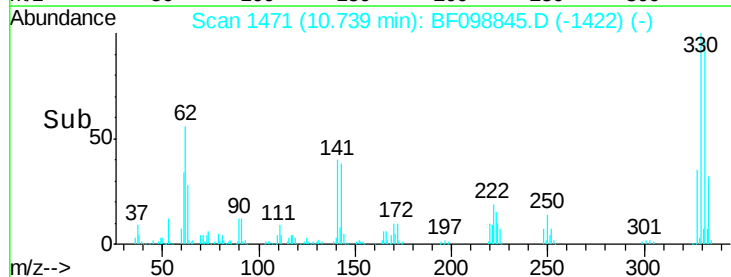
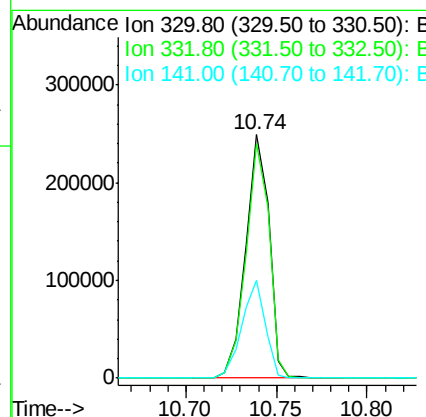
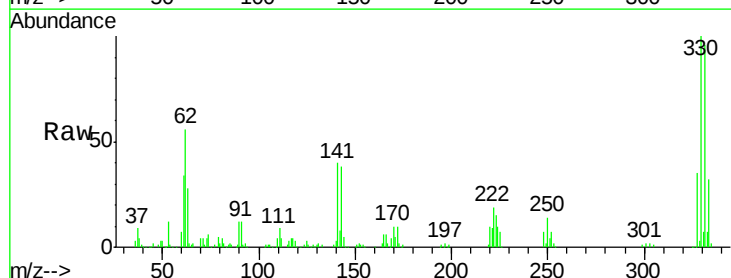
Instrument :
 BNA_F
 ClientSampled :

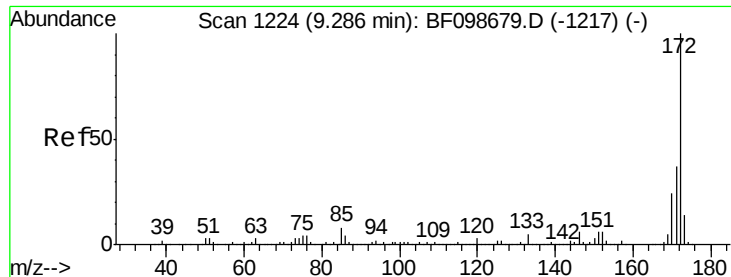
Tot Ion:164 Resp: 283899
 Ion Ratio Lower Upper
 164 100
 162 103.5 86.1 129.1
 160 45.4 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 96.50 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.01 min
 Lab File: BF098845.D
 Acq: 26 Sep 2017 21:15

Tgt Ion:330 Resp: 224181
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 40.3 29.9 44.9



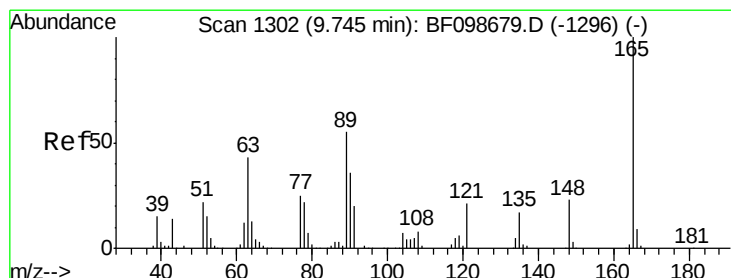
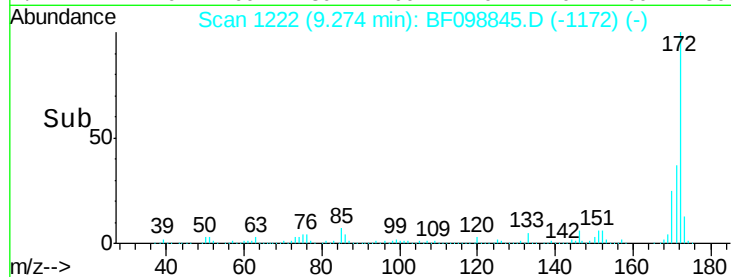
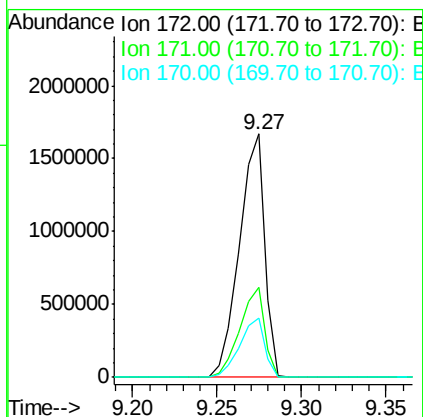
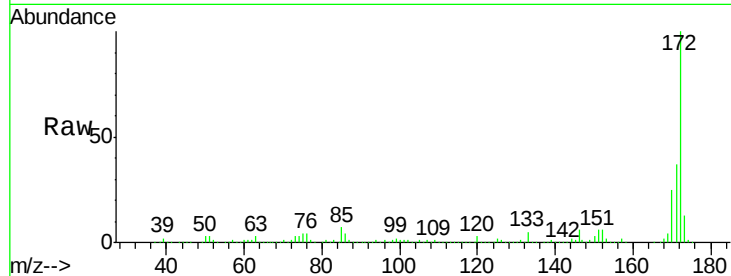


#44
 2-Fluorobiphenyl
 Concen: 102.89 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098845.D
 Acq: 26 Sep 2017 21:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1749651

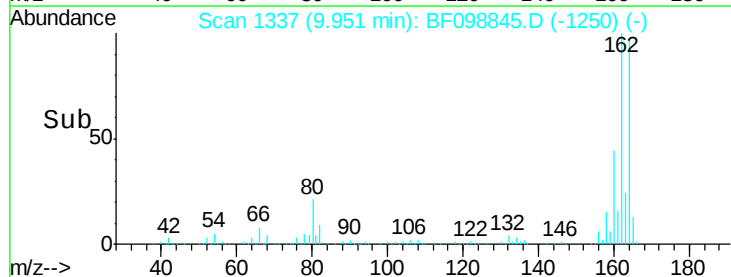
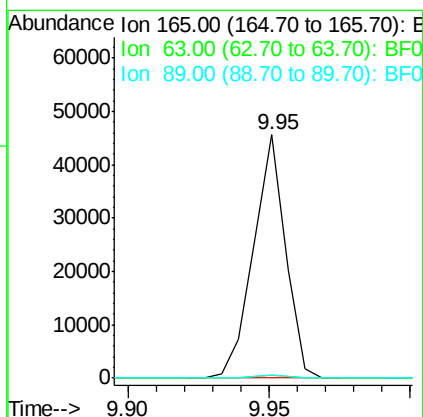
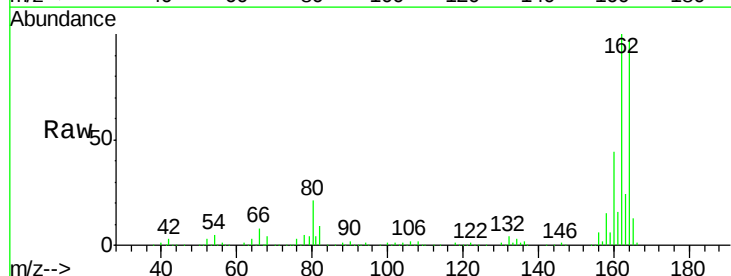
Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.5	19.6	29.4

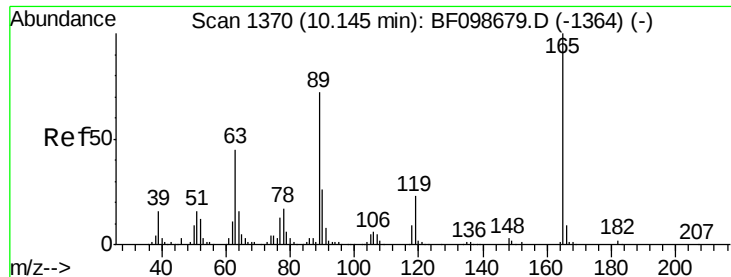


#50
 2,6-Dinitrotoluene
 Concen: 7.71 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. 0.21 min
 Lab File: BF098845.D
 Acq: 26 Sep 2017 21:15

Tgt Ion:165 Resp: 35974

Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.3	44.0	66.0#

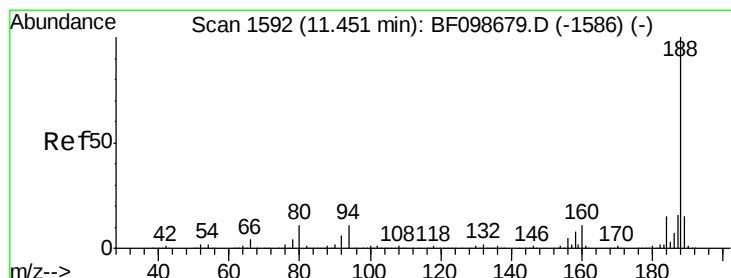
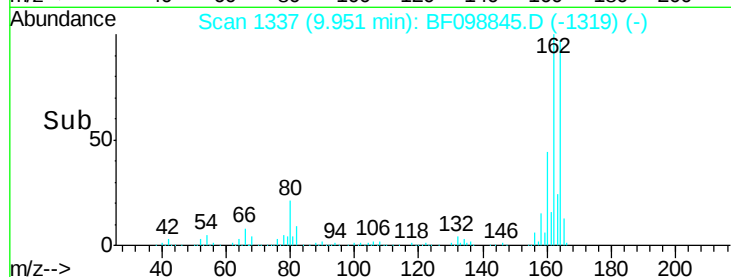
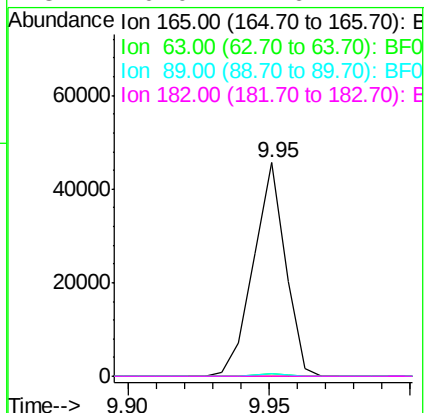
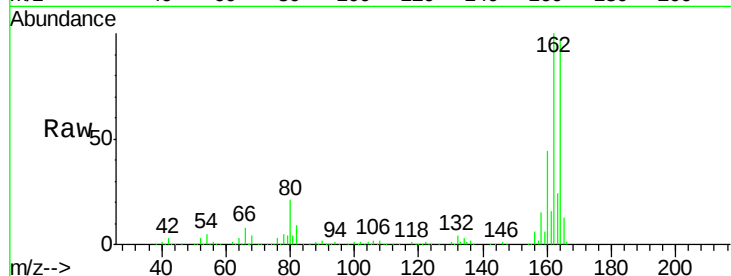




#56
 2,4-Dinitrotoluene
 Concen: 5.94 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.19 min
 Lab File: BF098845.D
 Acq: 26 Sep 2017 21:15

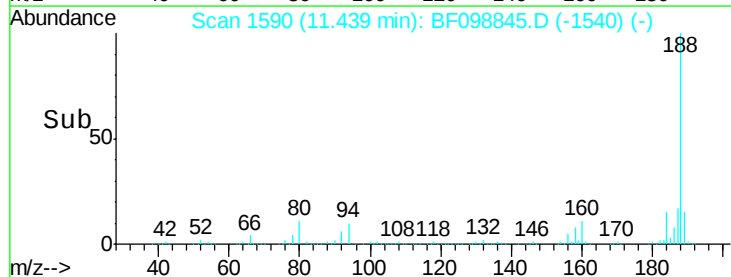
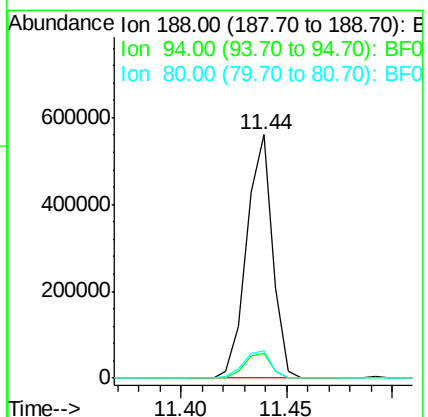
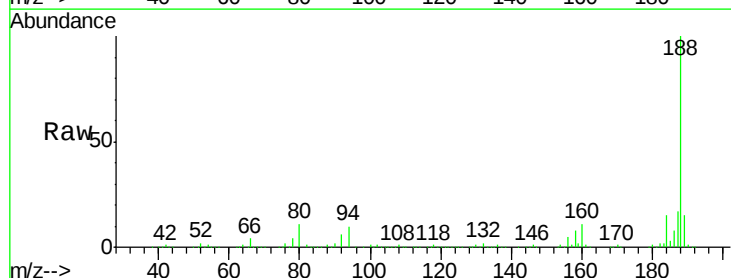
Instrument :
 BNA_F
 ClientSampleId :

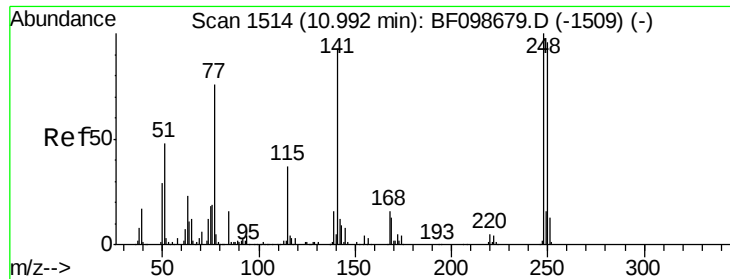
Tot Ion:165 Resp: 35974
 Ion Ratio Lower Upper
 165 100
 63 1.2 36.4 54.6#
 89 1.3 57.8 86.6#
 182 0.0 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BF098845.D
 Acq: 26 Sep 2017 21:15

Tgt Ion:188 Resp: 477790
 Ion Ratio Lower Upper
 188 100
 94 10.1 8.5 12.7
 80 11.3 9.2 13.8

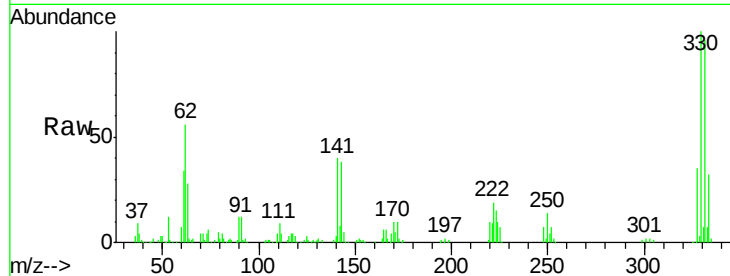




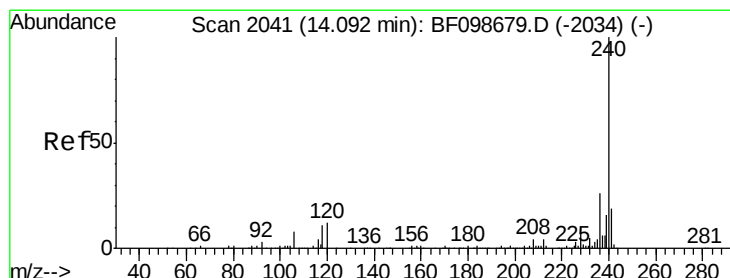
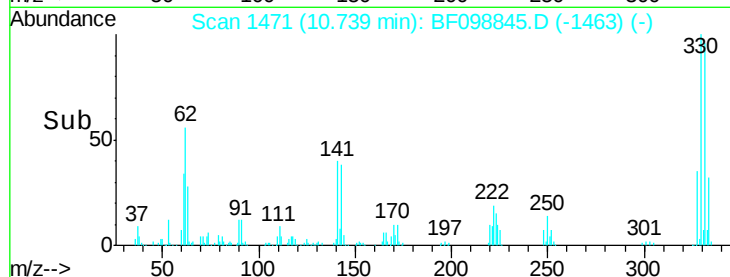
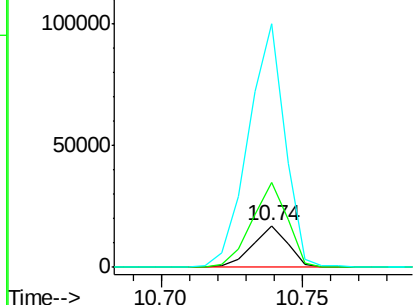
#66
4-Bromophenyl-phenylether
Concen: 3.18 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.25 min
Lab File: BF098845.D
Acq: 26 Sep 2017 21:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 14850
Ion Ratio Lower Upper
248 100
250 203.3 76.9 115.3#
141 581.2 74.4 111.6#

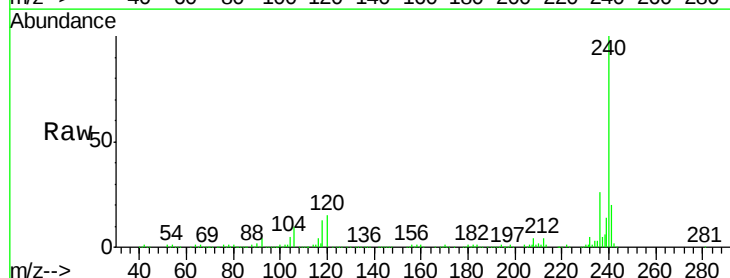


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

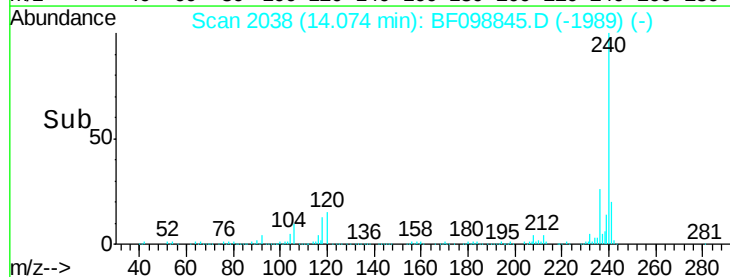
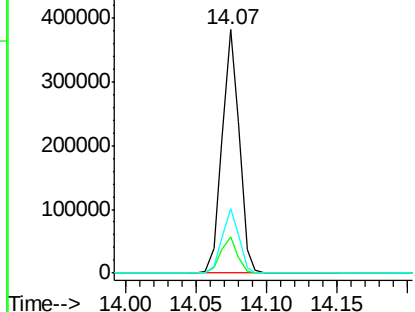


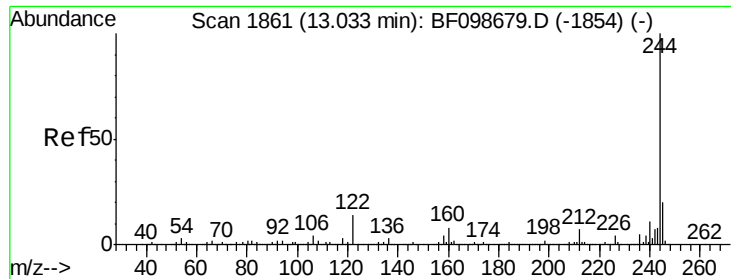
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF098845.D
Acq: 26 Sep 2017 21:15

Tgt Ion:240 Resp: 322620
Ion Ratio Lower Upper
240 100
120 14.9 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

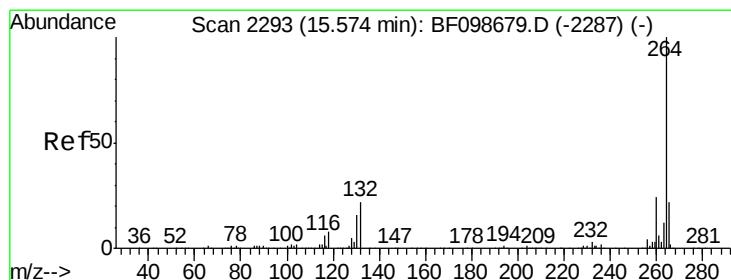
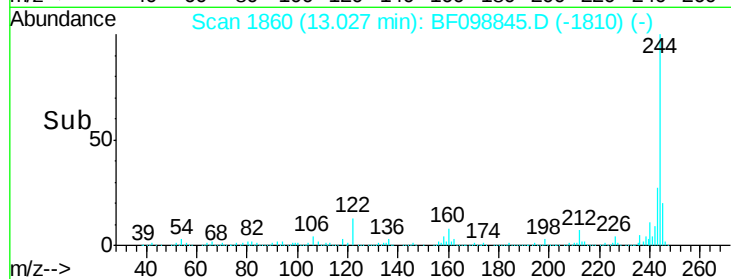
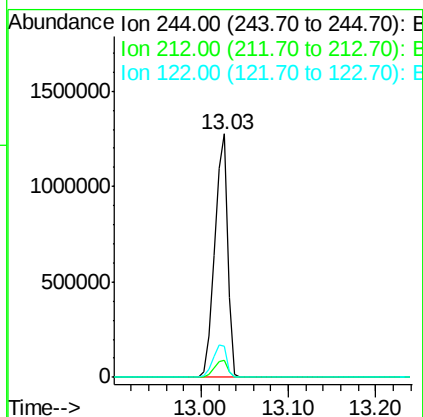
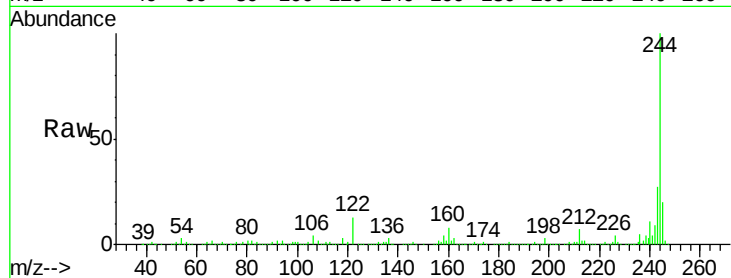




#78
 Terphenyl-d14
 Concen: 92.24 ng
 RT: 13.03 min Scan# 1860
 Delta R.T. -0.01 min
 Lab File: BF098845.D
 Acq: 26 Sep 2017 21:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1308521
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.0
 122 12.9 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.57 min Scan# 2292
 Delta R.T. -0.01 min
 Lab File: BF098845.D
 Acq: 26 Sep 2017 21:15

Tgt Ion:264 Resp: 308157
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.0 17.5 26.3

