

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
 Data File : BF098823.D
 Acq On : 26 Sep 2017 10:51
 Operator : SJ/JU
 Sample : I5384-06
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 11:38:32 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

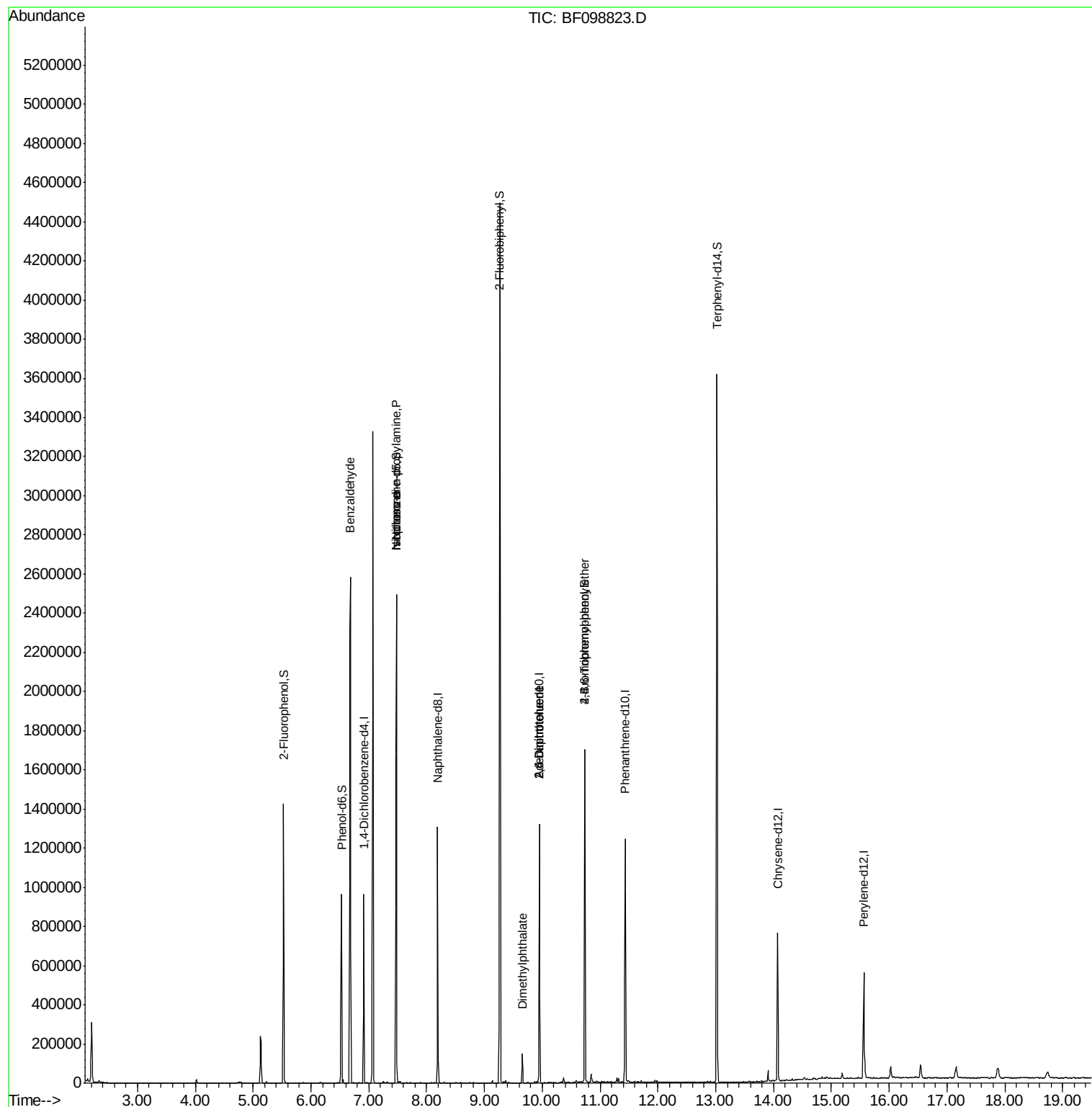
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	133336	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	545436	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	243221	20.00	ng	-0.01
63) Phenanthrene-d10	11.43	188	406916	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	248119	20.00	ng	-0.01
86) Perylene-d12	15.56	264	237483	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	411116	49.08	ng	-0.01
7) Phenol-d6	6.53	99	306952	29.71	ng	-0.02
23) Nitrobenzene-d5	7.47	82	885782	104.15	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	189449	95.19	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	1555278	106.75	ng	-0.01
78) Terphenyl-d14	13.02	244	1126651	103.27	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.68	77	14667	2.447	ng	85
19) n-Nitroso-di-n-propylamine	7.47	70	117557	17.820	ng	# 76
25) Isophorone	7.47	82	885760	50.372	ng	# 64
49) Dimethylphthalate	9.66	163	51927	2.829	ng	100
50) 2,6-Dinitrotoluene	9.95	165	30887	7.729	ng	# 26
56) 2,4-Dinitrotoluene	9.95	165	30887	5.955	ng	# 24
66) 4-Bromophenyl-phenylether	10.74	248	13556	3.403	ng	# 1

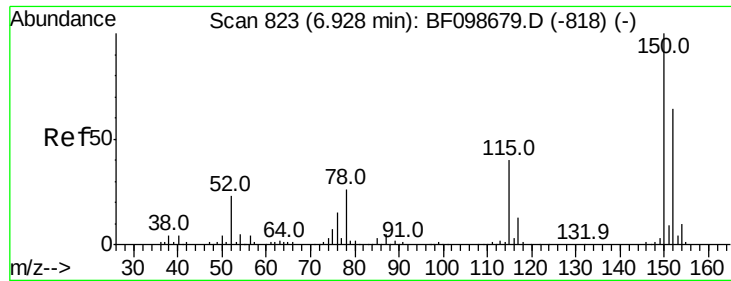
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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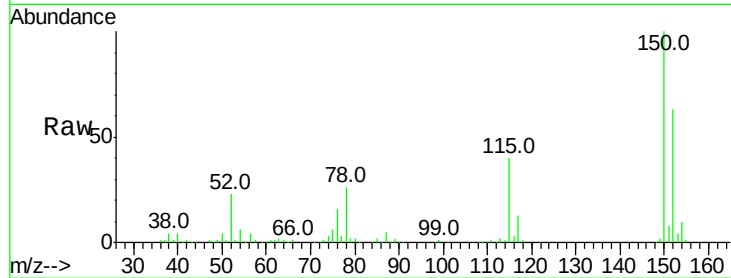


#1

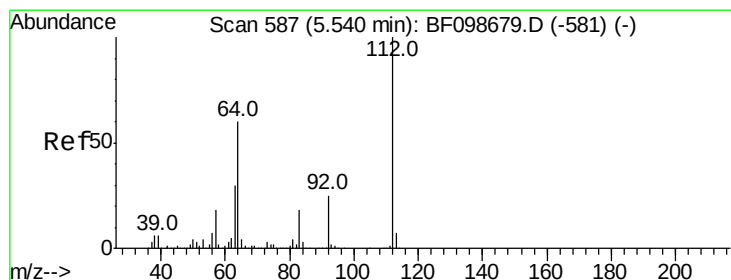
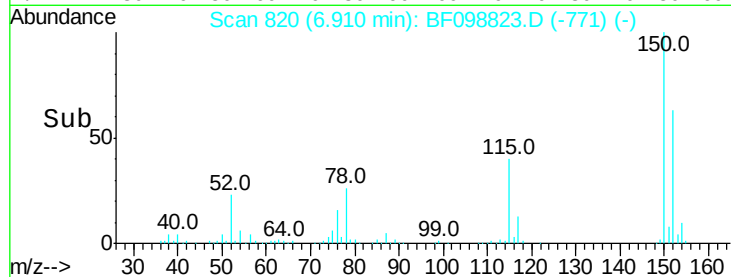
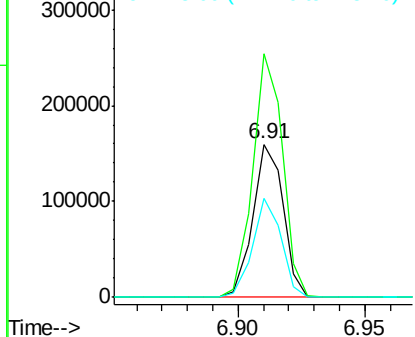
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF098823.D
Acq: 26 Sep 2017 10:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 133336
Ion Ratio Lower Upper
152 100
150 159.4 124.6 186.8
115 64.5 50.1 75.1



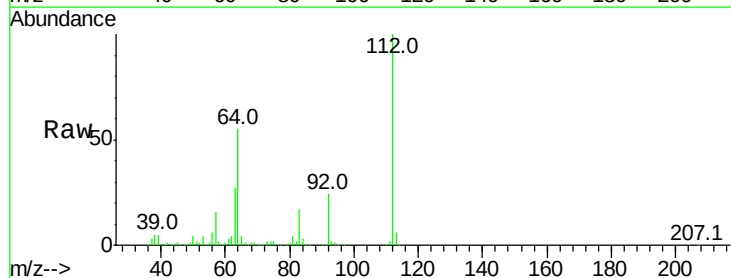
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



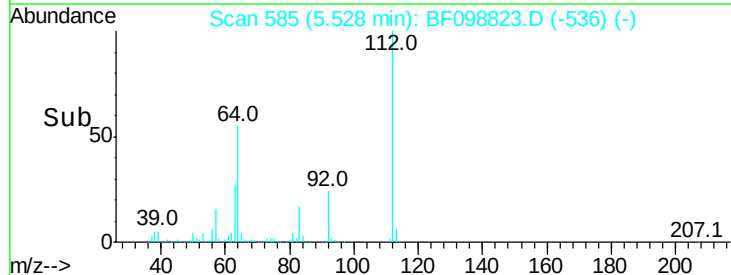
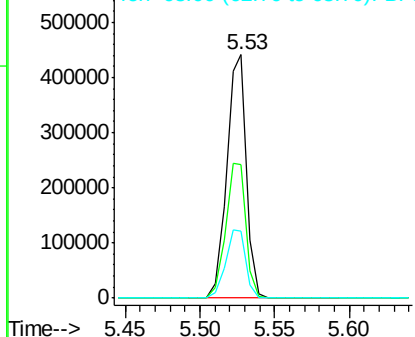
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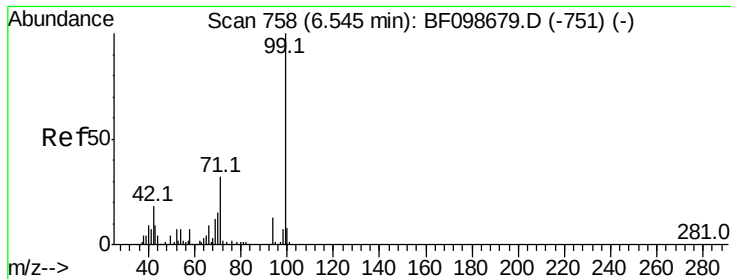
2-Fluorophenol
Concen: 49.083 ng
RT: 5.53 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF098823.D
Acq: 26 Sep 2017 10:51

Tgt Ion:112 Resp: 411116
Ion Ratio Lower Upper
112 100
64 54.7 47.9 71.9
63 27.4 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: 29.707 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF098823.D

Acq: 26 Sep 2017 10:51

Instrument :

BNA_F

ClientSampled :

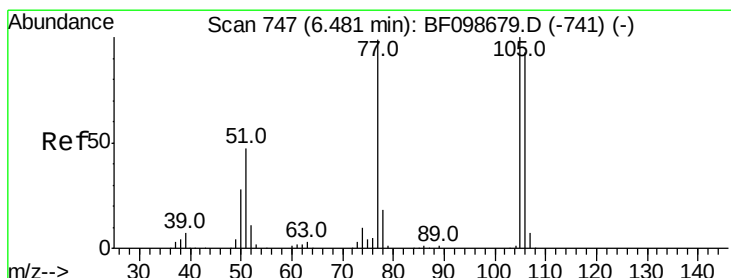
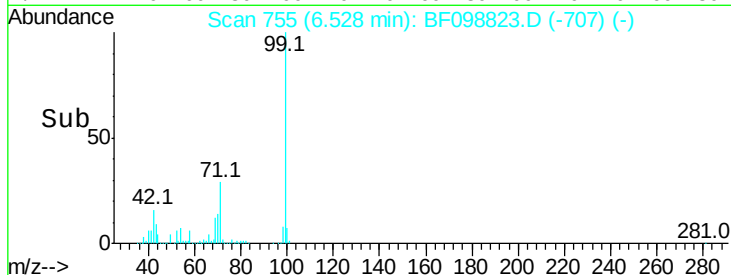
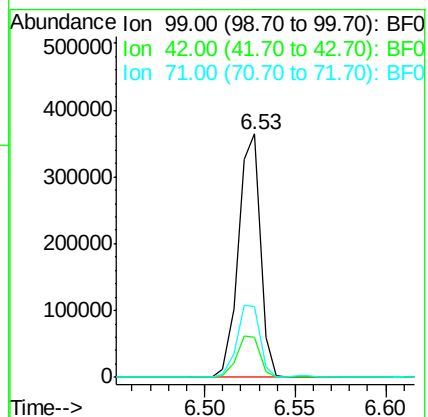
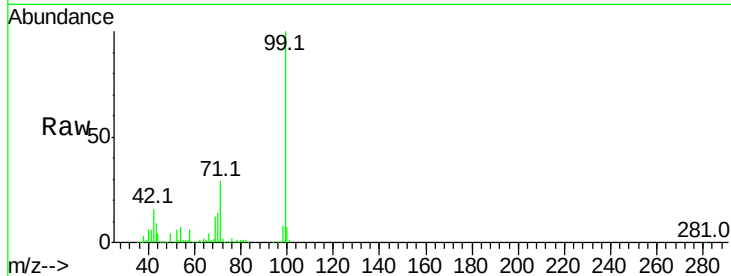
Tot Ion: 99 Resp: 306952

Ion Ratio Lower Upper

99 100

42 16.4 14.5 21.7

71 29.3 25.4 38.0



#9

Benzaldehyde

Concen: 2.447 ng

RT: 6.68 min Scan# 781

Delta R.T. 0.21 min

Lab File: BF098823.D

Acq: 26 Sep 2017 10:51

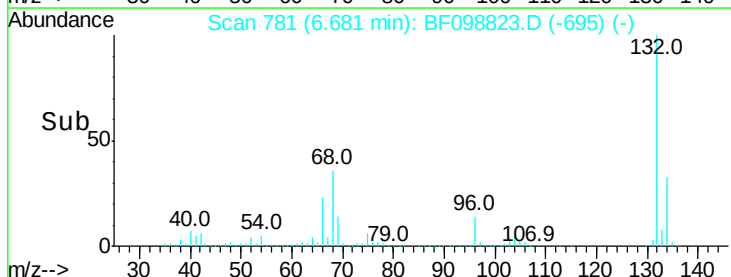
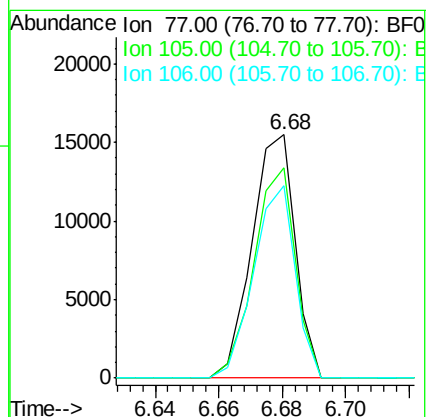
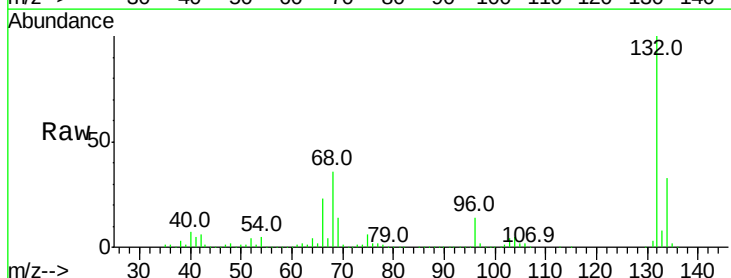
Tgt Ion: 77 Resp: 14667

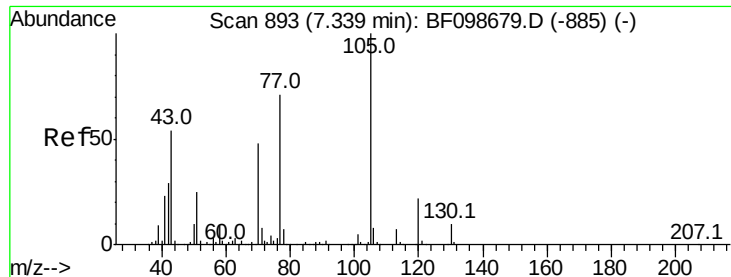
Ion Ratio Lower Upper

77 100

105 86.6 81.1 121.1

106 79.1 74.5 114.5





#19

n-Nitroso-di-n-propylamine

Concen: 17.820 ng

RT: 7.47 min Scan# 916

Delta R.T. 0.14 min

Lab File: BF098823.D

Acq: 26 Sep 2017 10:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 117557

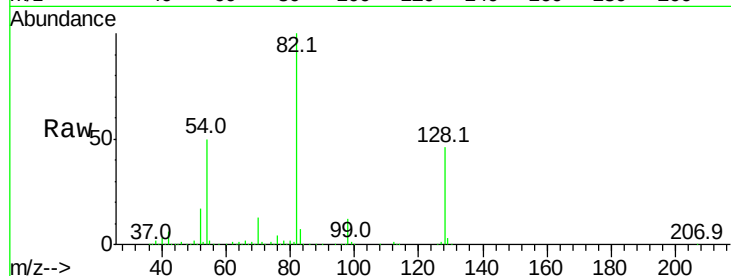
Ion Ratio Lower Upper

70 100

42 45.4 47.5 71.3#

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#

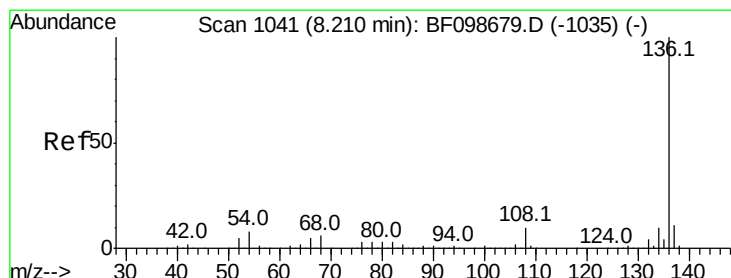
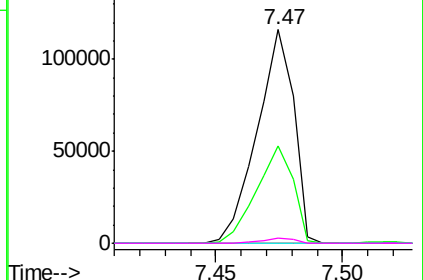
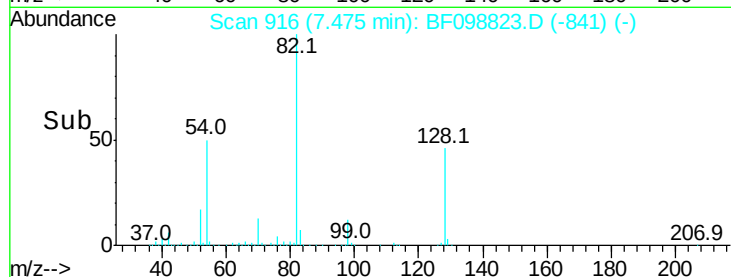


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 20.000 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF098823.D

Acq: 26 Sep 2017 10:51

Tgt Ion:136 Resp: 545436

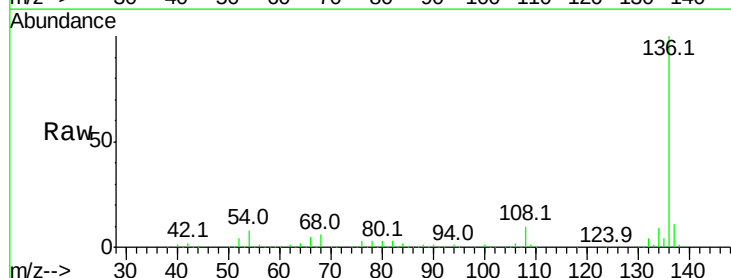
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.8 6.6 9.8

68 6.0 5.0 7.4

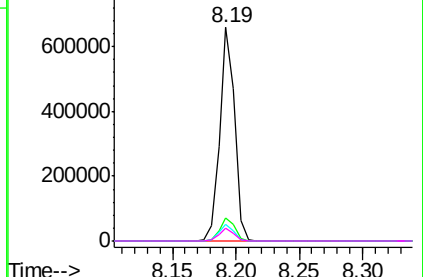
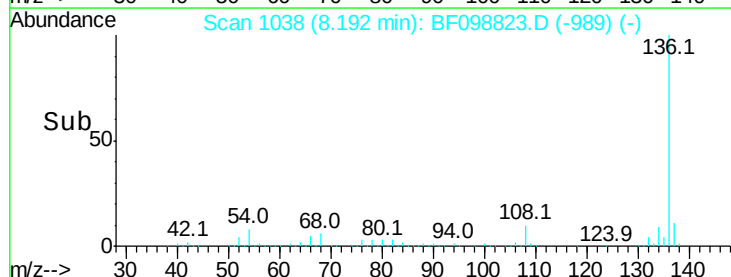


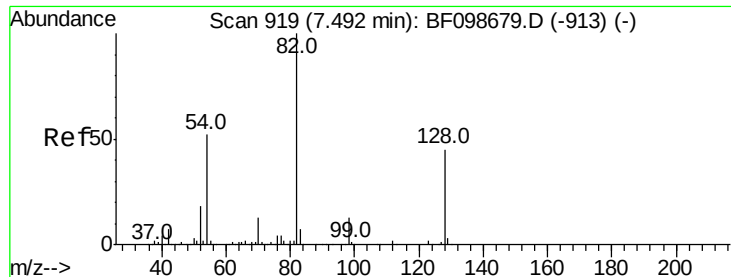
Abundance Ion 136.00 (135.70 to 136.70): E

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

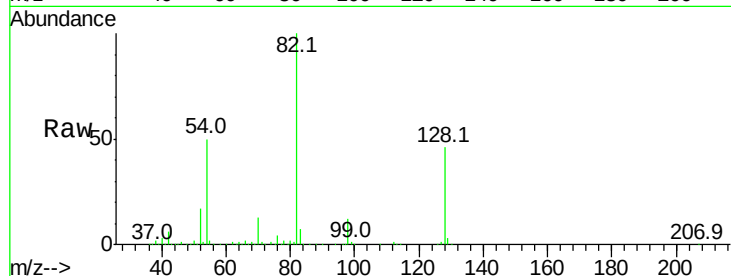




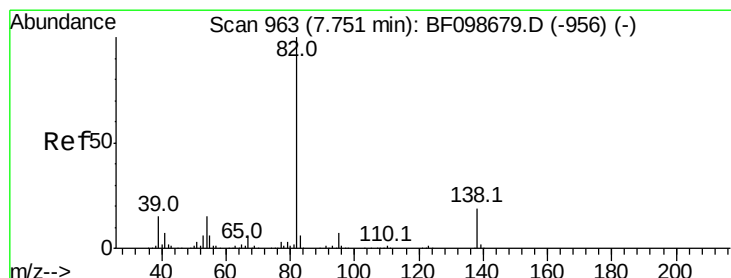
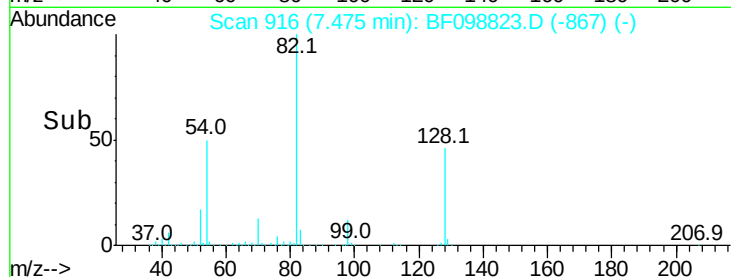
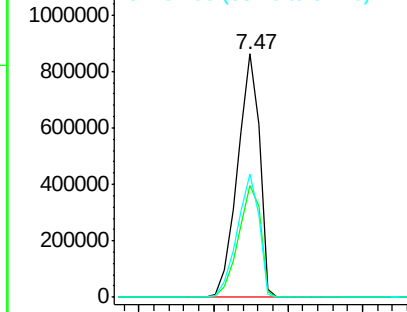
#23
 Nitrobenzene-d5
 Concen: 104.147 ng
 RT: 7.47 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: BF098823.D
 Acq: 26 Sep 2017 10:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 885782
 Ion Ratio Lower Upper
 82 100
 128 46.2 36.1 54.1
 54 50.4 41.4 62.2

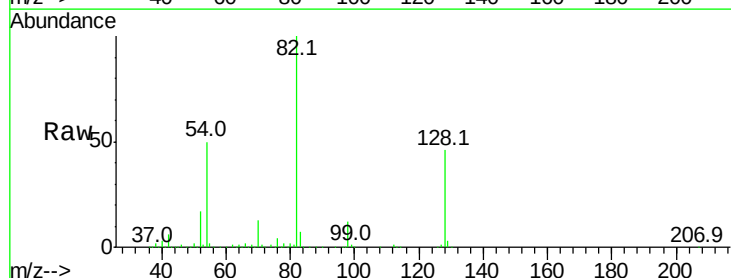


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

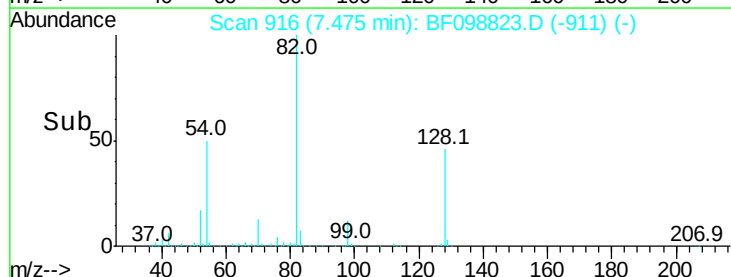
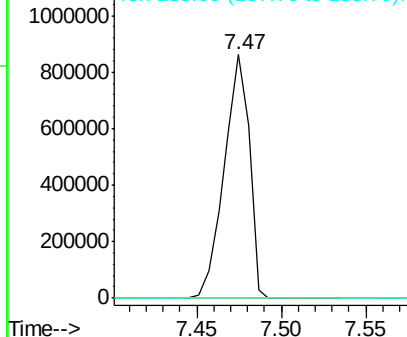


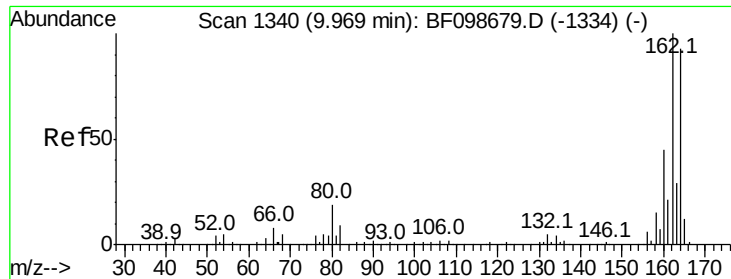
#25
 Isophorone
 Concen: 50.372 ng
 RT: 7.47 min Scan# 916
 Delta R.T. -0.27 min
 Lab File: BF098823.D
 Acq: 26 Sep 2017 10:51

Tgt Ion: 82 Resp: 885760
 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

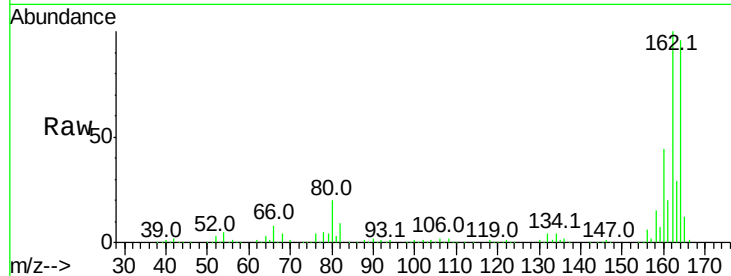




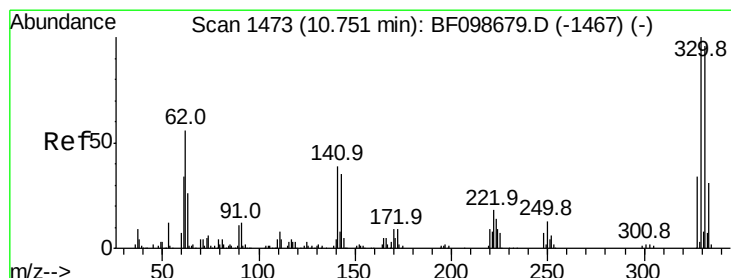
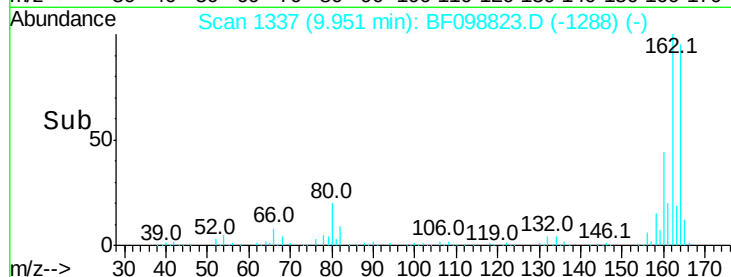
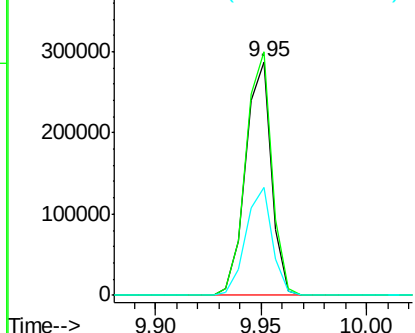
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF098823.D
Acq: 26 Sep 2017 10:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 243221
Ion Ratio Lower Upper
164 100
162 104.3 86.1 129.1
160 46.1 38.3 57.5

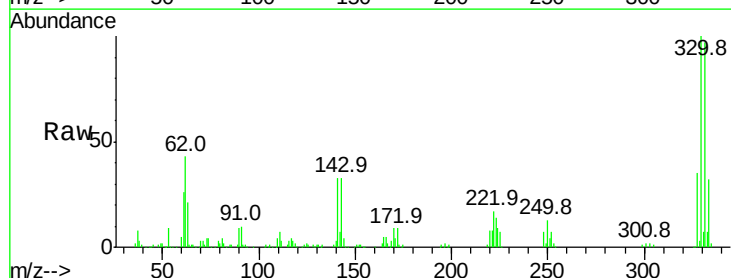


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

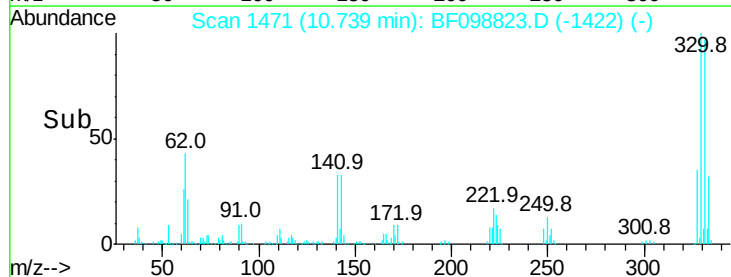
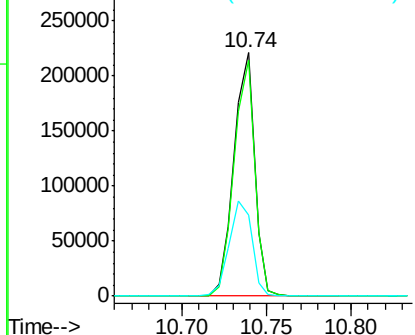


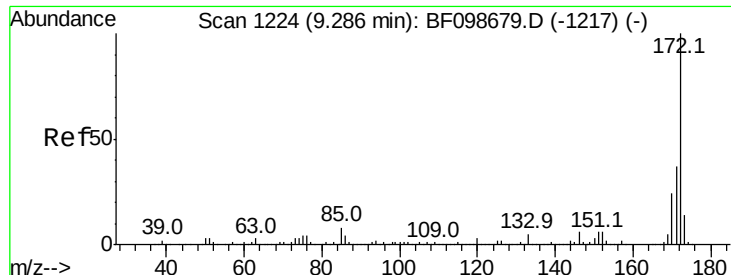
#41
2,4,6-Tribromophenol
Concen: 95.191 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.01 min
Lab File: BF098823.D
Acq: 26 Sep 2017 10:51

Tgt Ion:330 Resp: 189449
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.6
141 42.7 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



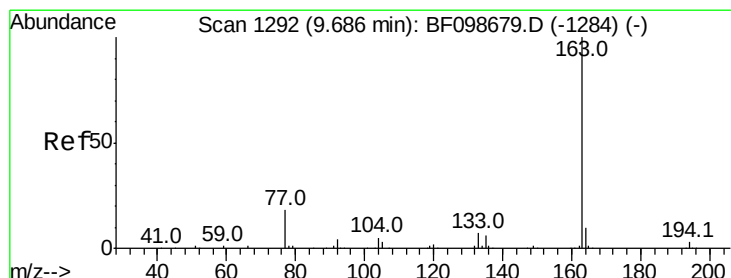
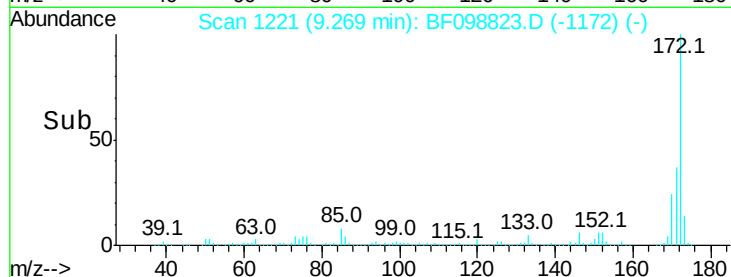
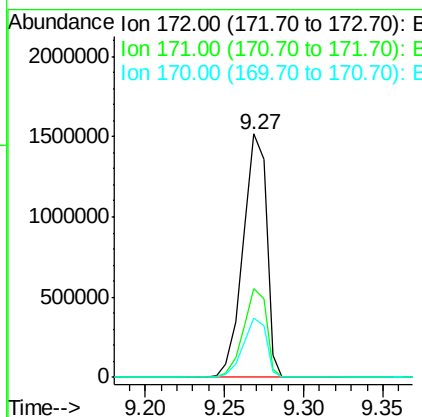
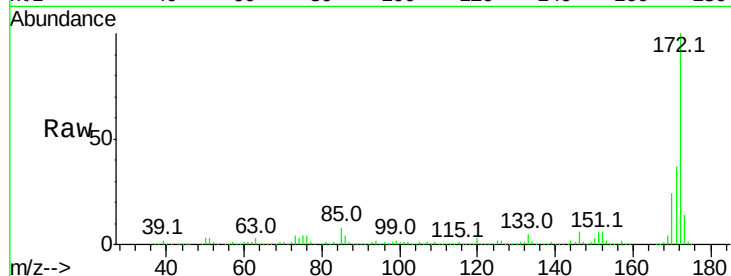


#44
 2-Fluorobiphenyl
 Concen: 106.751 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF098823.D
 Acq: 26 Sep 2017 10:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1555278

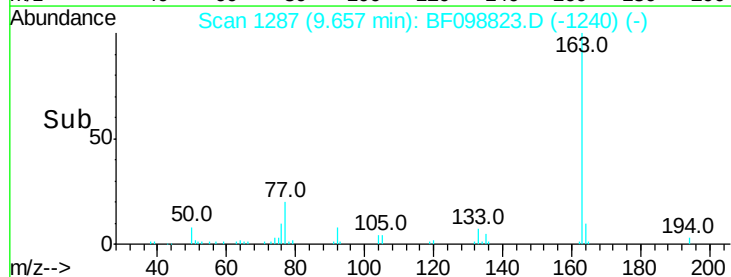
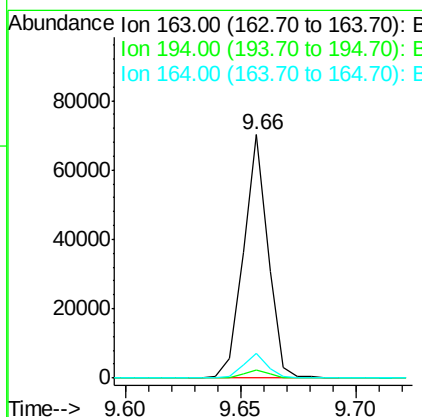
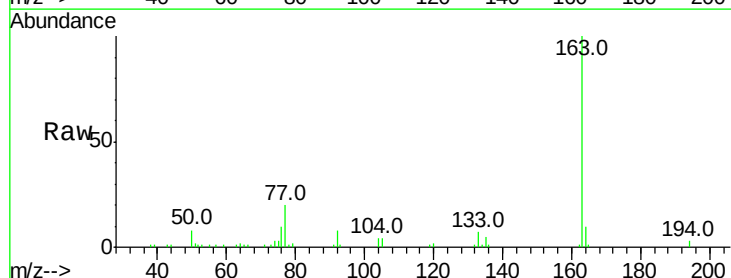
Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.3	19.6	29.4

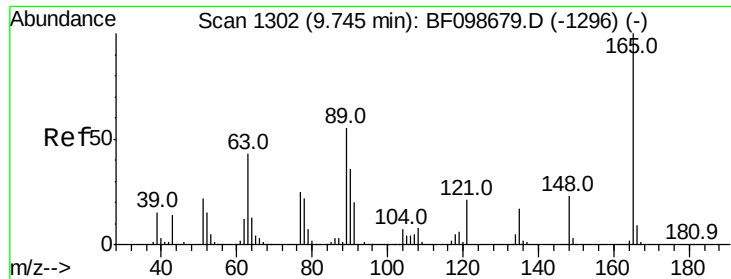


#49
 Dimethylphthalate
 Concen: 2.829 ng
 RT: 9.66 min Scan# 1287
 Delta R.T. -0.02 min
 Lab File: BF098823.D
 Acq: 26 Sep 2017 10:51

Tgt Ion:163 Resp: 51927

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.1	8.2	12.2

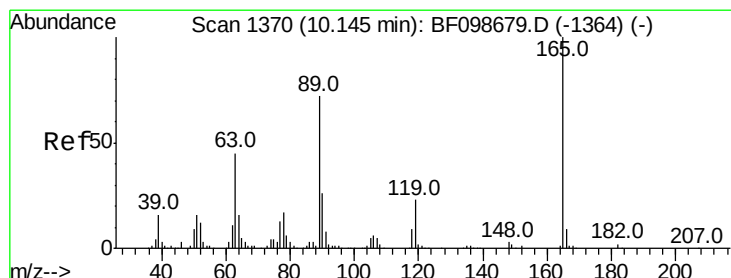
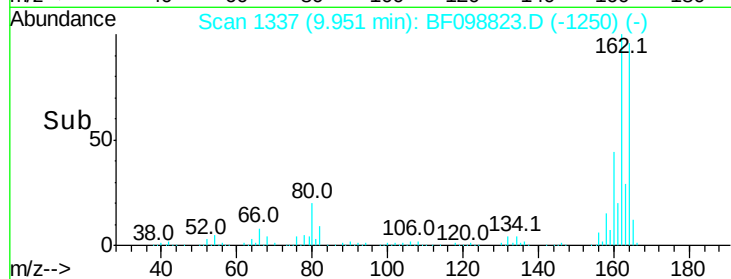
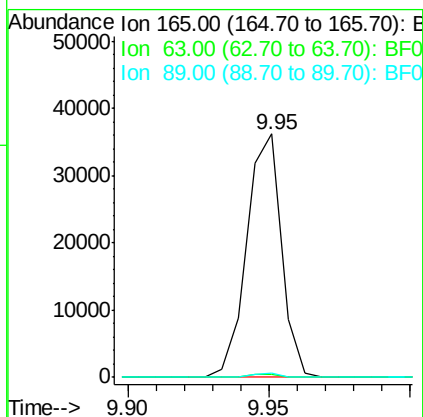
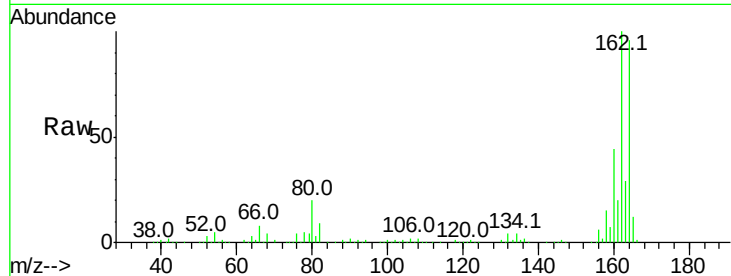




#50
 2,6-Dinitrotoluene
 Concen: 7.729 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. 0.21 min
 Lab File: BF098823.D
 Acq: 26 Sep 2017 10:51

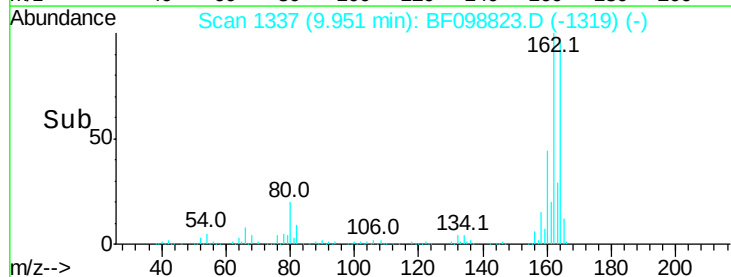
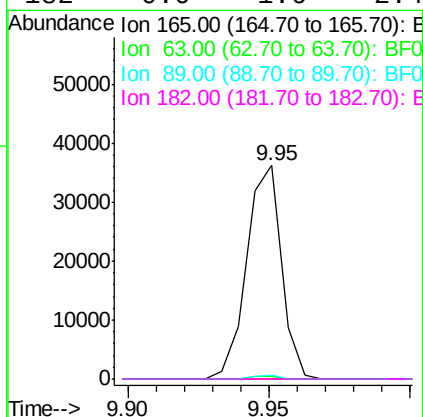
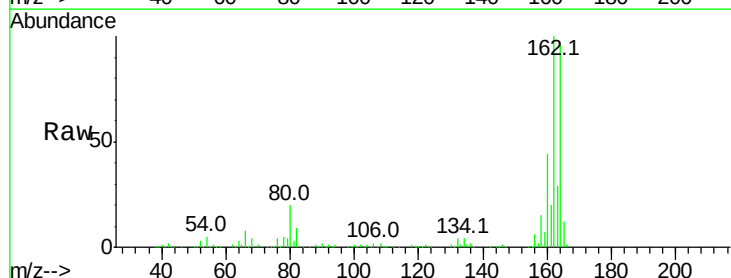
Instrument :
 BNA_F
 ClientSampleId :

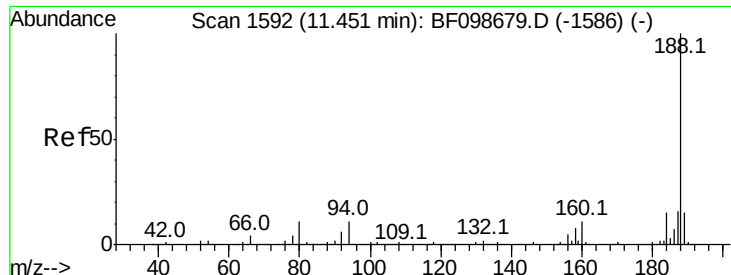
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	2.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.955 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.19 min
 Lab File: BF098823.D
 Acq: 26 Sep 2017 10:51

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	2.0	57.8	86.6#
182	0.0	1.6	2.4#

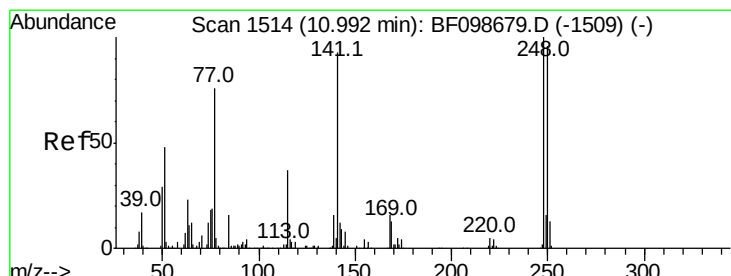
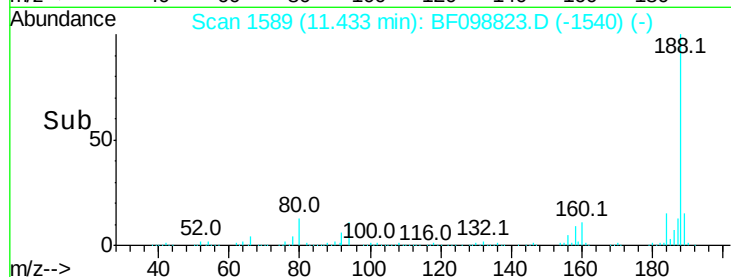
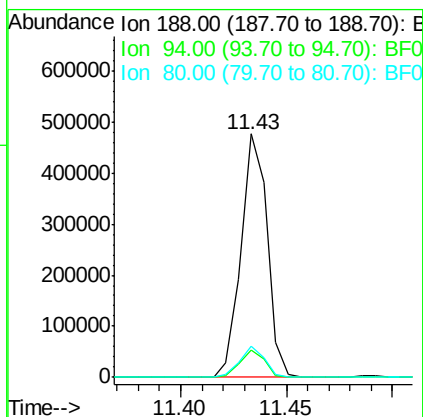
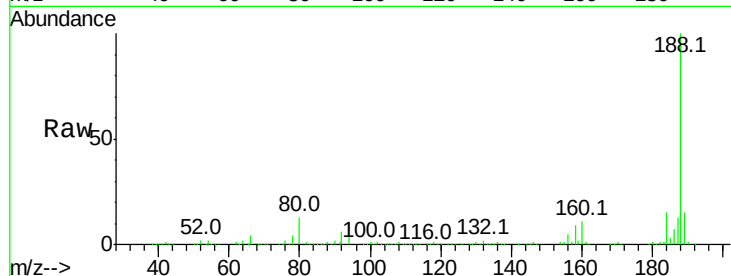




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF098823.D
Acq: 26 Sep 2017 10:51

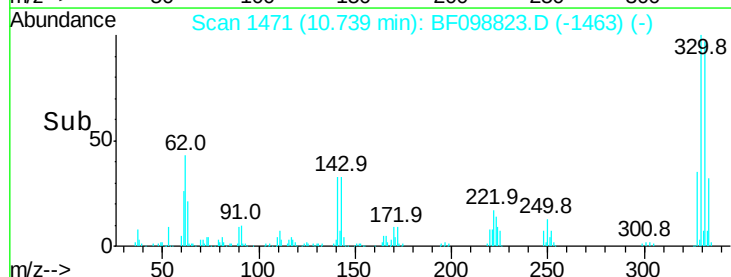
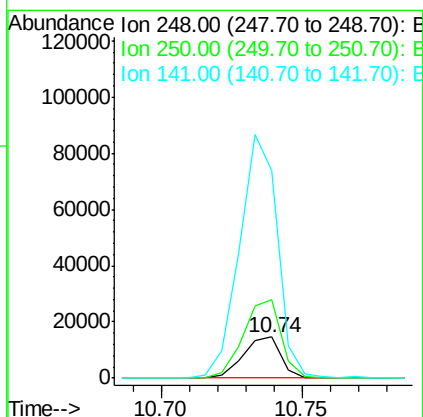
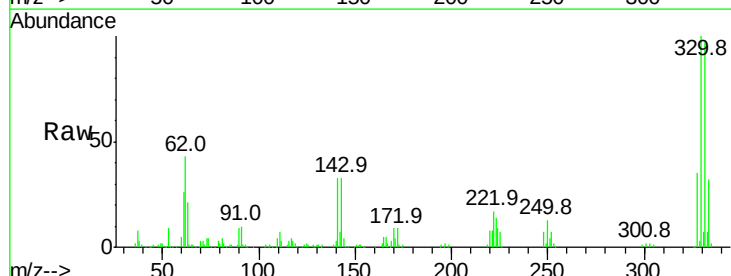
Instrument :
BNA_F
ClientSampleId :

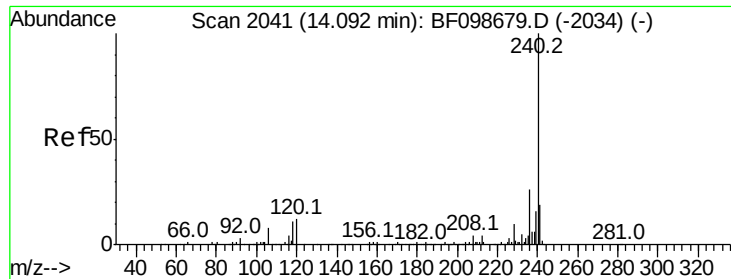
Tot Ion	Ratio	Resp	Lower	Upper
188	100	406916		
94	11.3		8.5	12.7
80	12.8		9.2	13.8



#66
4-Bromophenyl-phenylether
Concen: 3.403 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.25 min
Lab File: BF098823.D
Acq: 26 Sep 2017 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	13556		
250	191.6		76.9	115.3#
141	510.5		74.4	111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF098823.D

Acq: 26 Sep 2017 10:51

Instrument :

BNA_F

ClientSampleId :

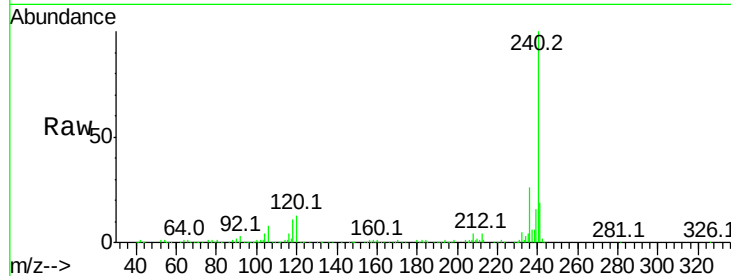
Tot Ion:240 Resp: 248119

Ion Ratio Lower Upper

240 100

120 13.1 9.5 14.3

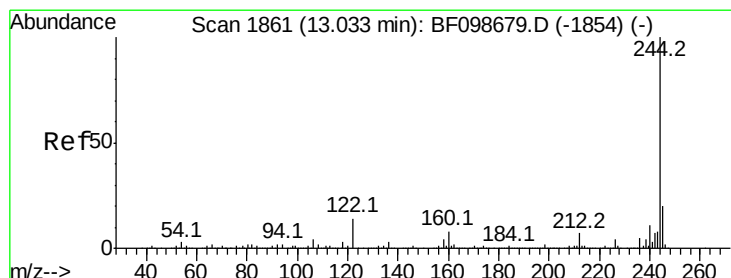
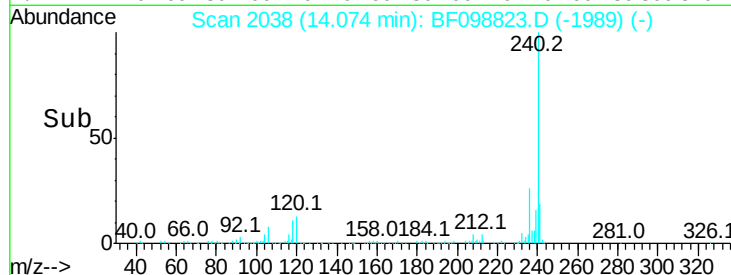
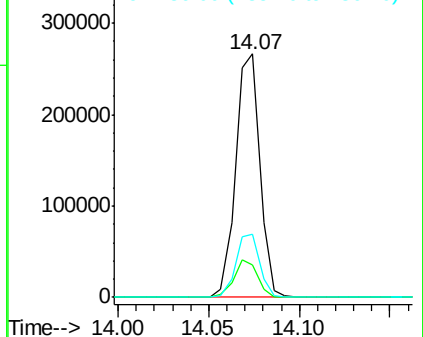
236 25.9 20.7 31.1



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: 103.266 ng

RT: 13.02 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BF098823.D

Acq: 26 Sep 2017 10:51

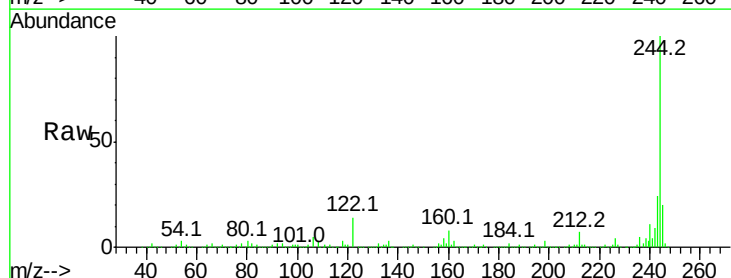
Tgt Ion:244 Resp: 1126651

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

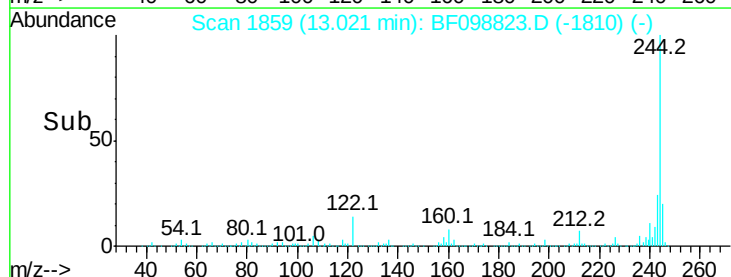
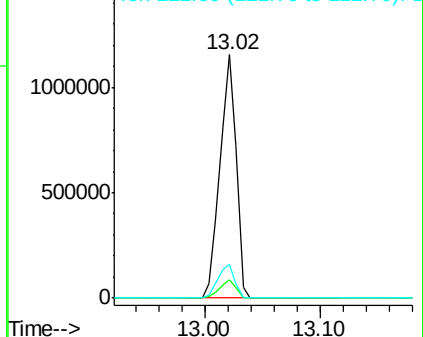
122 14.0 11.0 16.4

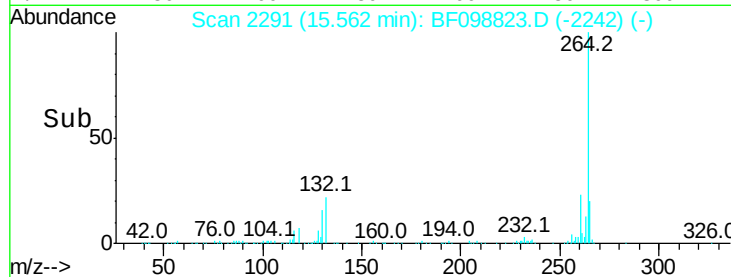
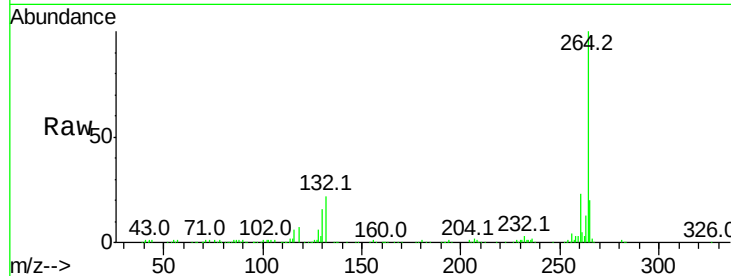
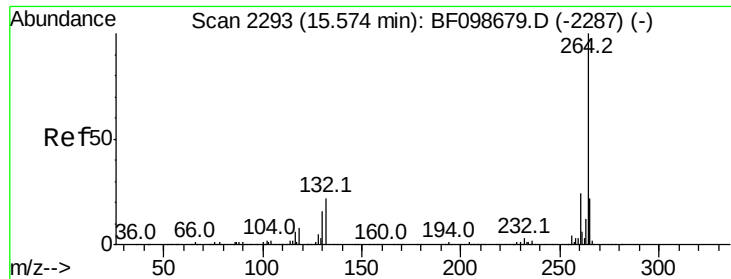


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.56 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BF098823.D
Acq: 26 Sep 2017 10:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	20.4	17.5	26.3

