

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
 Data File : BF098822.D
 Acq On : 26 Sep 2017 10:23
 Operator : SJ/JU
 Sample : I5385-01
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 11:19:26 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

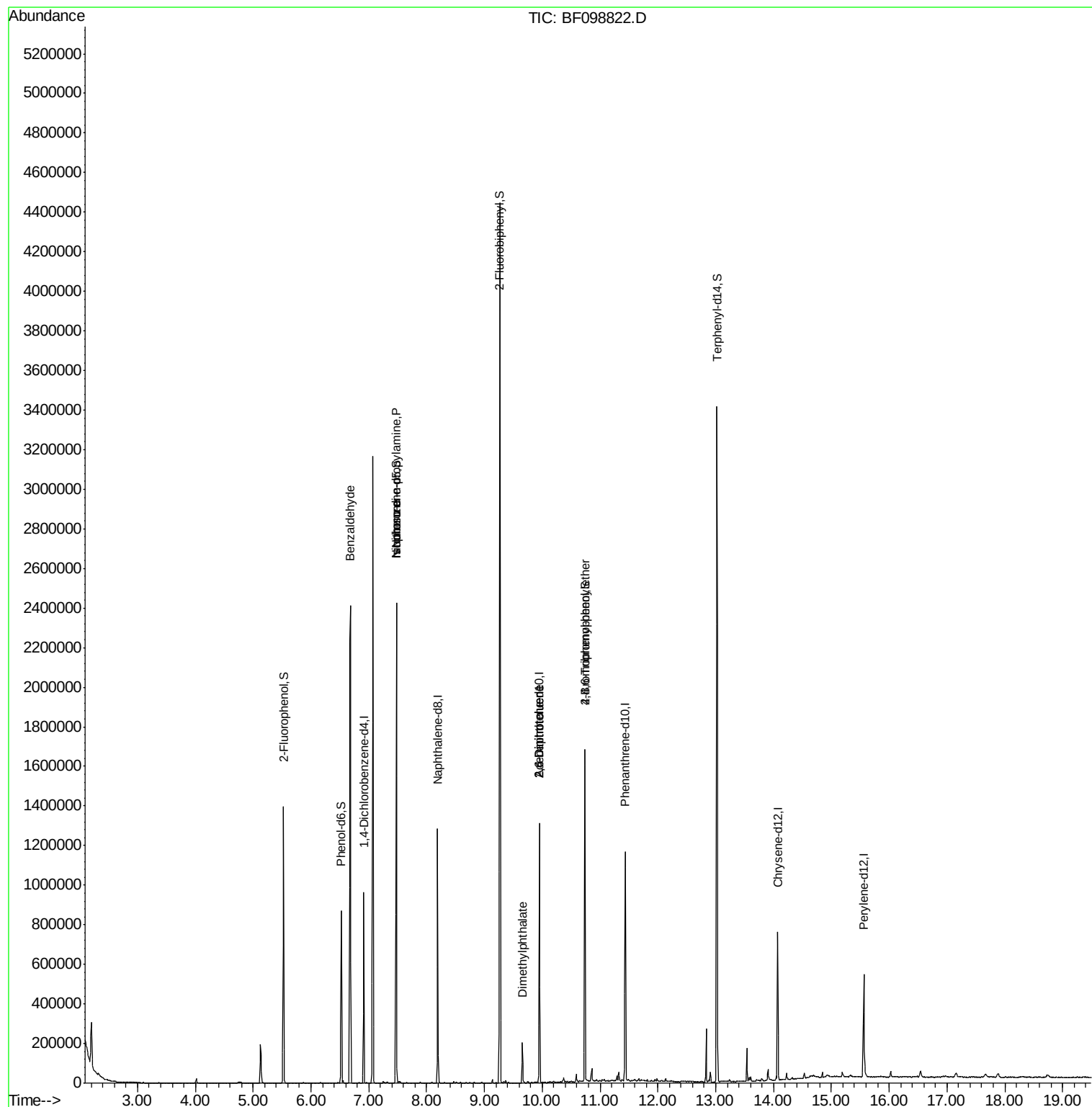
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	131690	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	544995	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	246393	20.00	ng	-0.01
63) Phenanthrene-d10	11.43	188	402120	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	237584	20.00	ng	-0.01
86) Perylene-d12	15.56	264	221934	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	373452	45.14	ng	-0.02
7) Phenol-d6	6.53	99	280506	27.49	ng	-0.02
23) Nitrobenzene-d5	7.47	82	843896	99.30	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	187707	93.10	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	1519456	102.95	ng	-0.01
78) Terphenyl-d14	13.02	244	1051156	100.62	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.67	77	14188	2.397	ng	# 75
19) n-Nitroso-di-n-propylamine	7.47	70	111602	17.129	ng	# 75
25) Isophorone	7.47	82	843629	48.015	ng	# 64
49) Dimethylphthalate	9.66	163	67675	3.639	ng	# 99
50) 2,6-Dinitrotoluene	9.95	165	31784	7.851	ng	# 25
56) 2,4-Dinitrotoluene	9.95	165	31784	6.049	ng	# 23
66) 4-Bromophenyl-phenylether	10.74	248	12763	3.243	ng	# 1

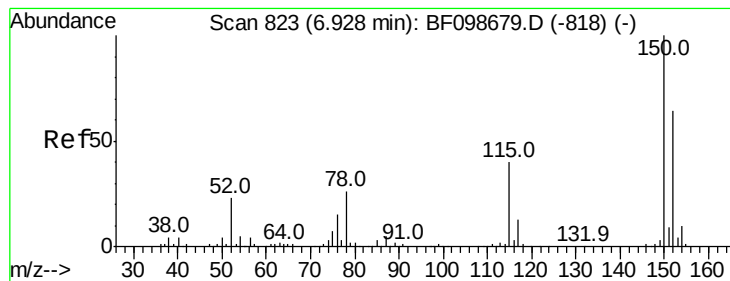
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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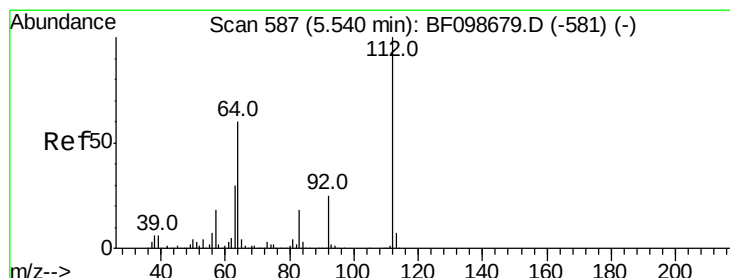
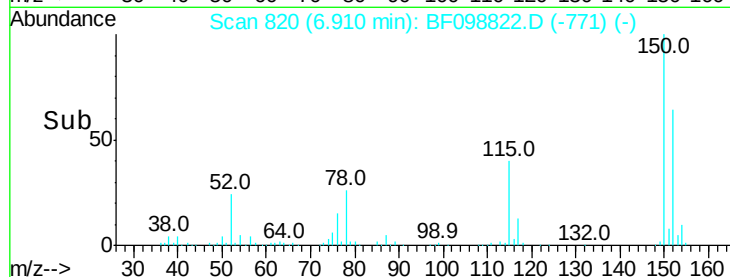
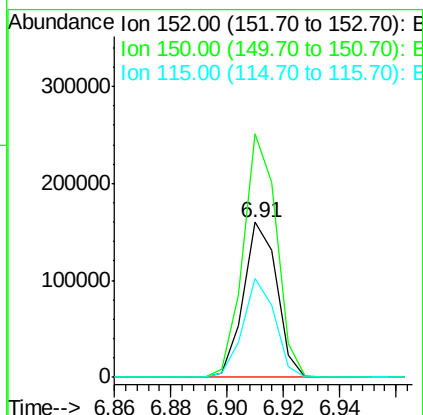
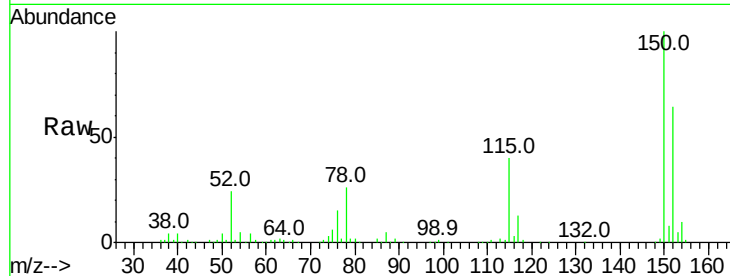


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.91 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF098822.D
 Acq: 26 Sep 2017 10:23

Instrument :
 BNA_F
 ClientSampleId :

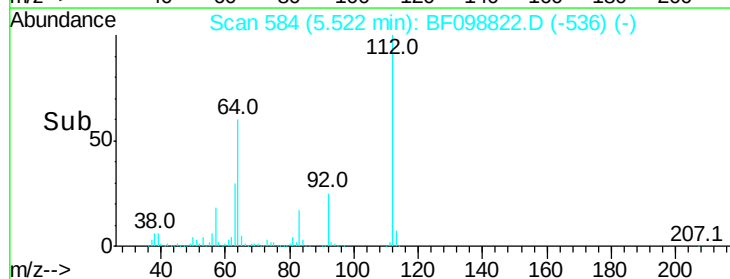
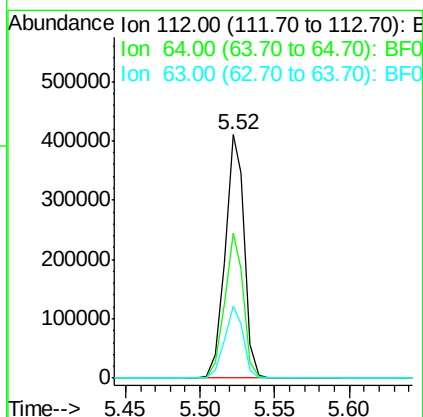
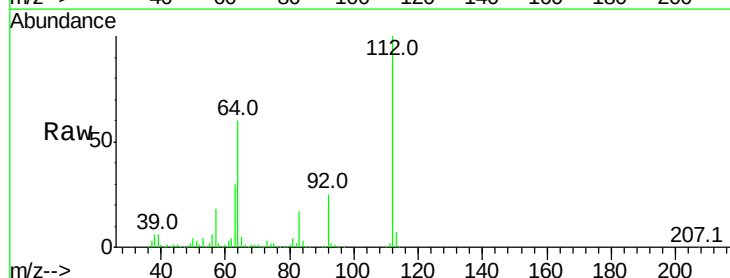
Tot Ion:152 Resp: 131690
 Ion Ratio Lower Upper
 152 100
 150 156.9 124.6 186.8
 115 63.5 50.1 75.1

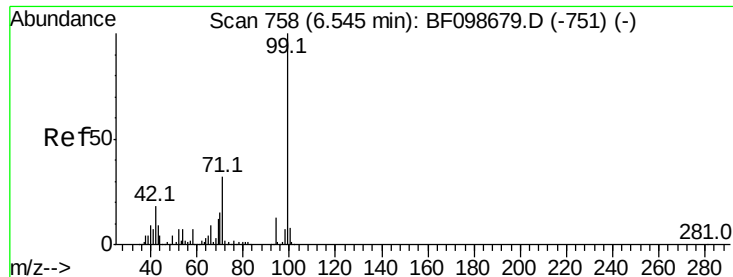


#5

2-Fluorophenol
 Concen: 45.144 ng
 RT: 5.52 min Scan# 584
 Delta R.T. -0.02 min
 Lab File: BF098822.D
 Acq: 26 Sep 2017 10:23

Tgt Ion:112 Resp: 373452
 Ion Ratio Lower Upper
 112 100
 64 59.6 47.9 71.9
 63 29.5 23.7 35.5





#7

Phenol-d6

Concen: 27.487 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF098822.D

Acq: 26 Sep 2017 10:23

Instrument :

BNA_F

ClientSampleId :

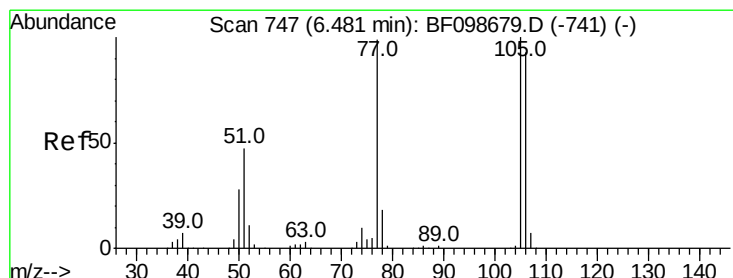
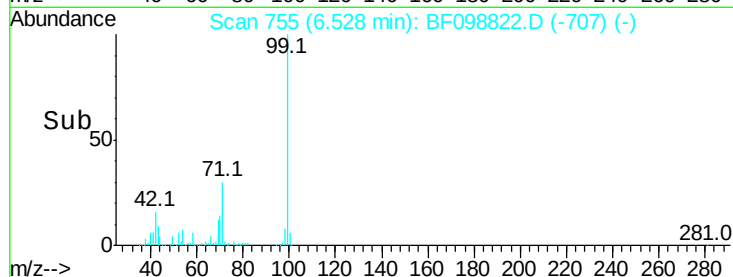
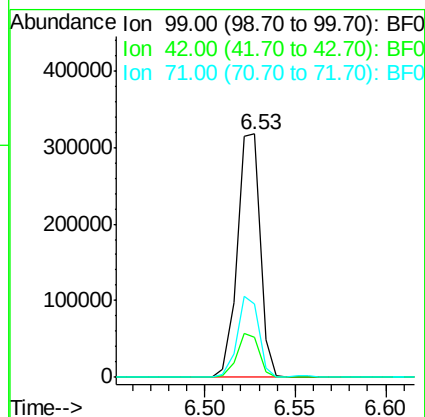
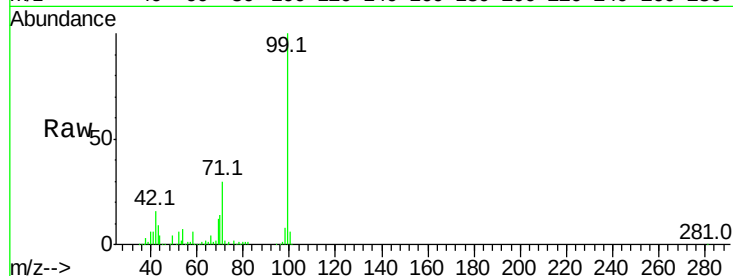
Tot Ion: 99 Resp: 280506

Ion Ratio Lower Upper

99 100

42 16.3 14.5 21.7

71 30.4 25.4 38.0



#9

Benzaldehyde

Concen: 2.397 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.20 min

Lab File: BF098822.D

Acq: 26 Sep 2017 10:23

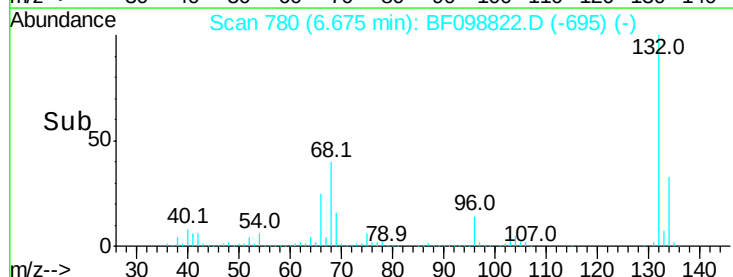
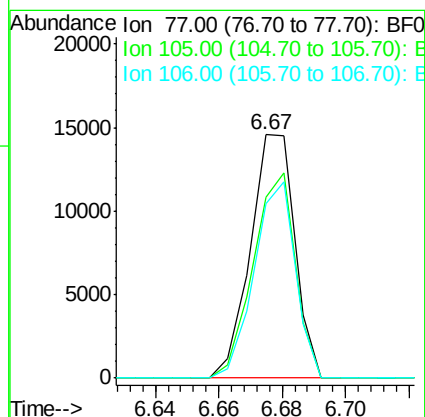
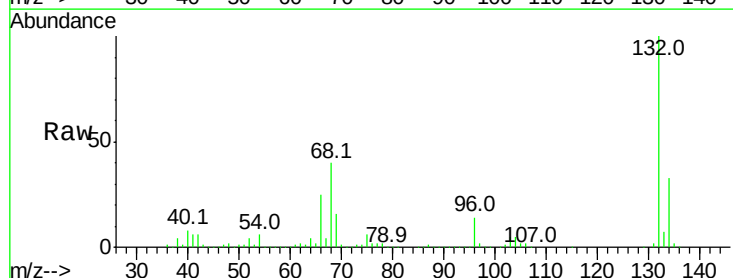
Tgt Ion: 77 Resp: 14188

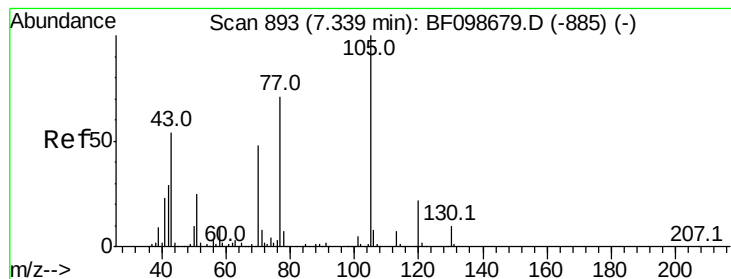
Ion Ratio Lower Upper

77 100

105 74.3 81.1 121.1#

106 71.7 74.5 114.5#





#19

n-Nitroso-di-n-propylamine

Concen: 17.129 ng

RT: 7.47 min Scan# 916

Delta R.T. 0.14 min

Lab File: BF098822.D

Acq: 26 Sep 2017 10:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 111602

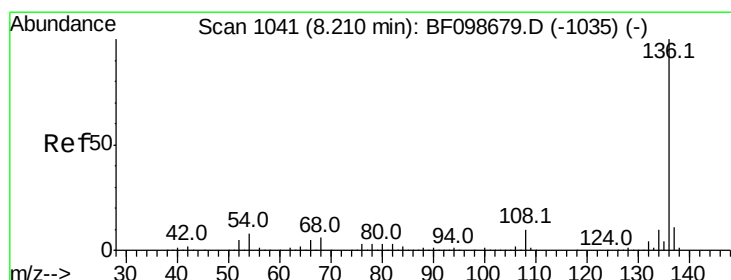
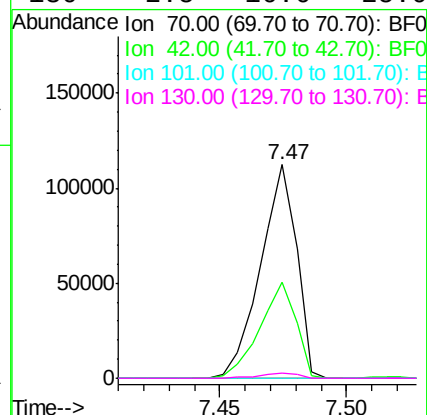
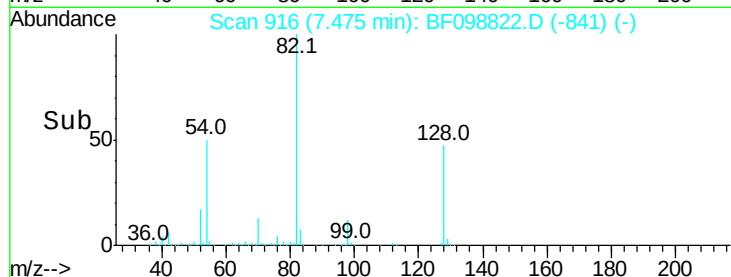
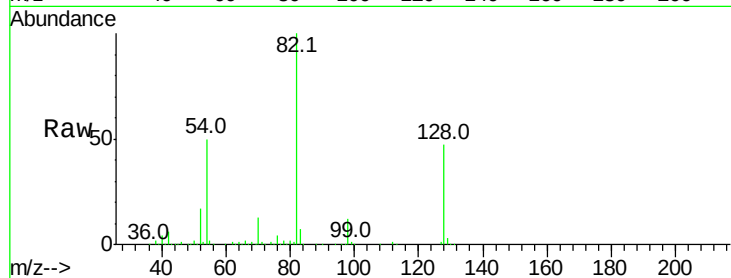
Ion Ratio Lower Upper

70 100

42 44.8 47.5 71.3#

101 0.0 7.4 11.2#

130 2.5 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: BF098822.D

Acq: 26 Sep 2017 10:23

Tgt Ion: 136 Resp: 544995

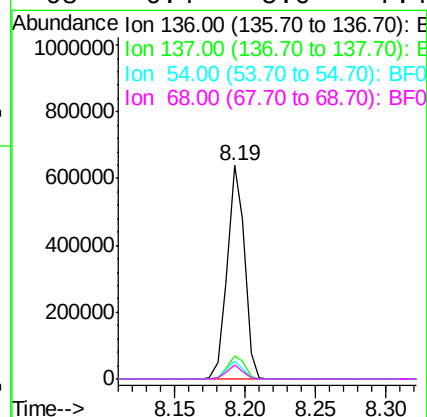
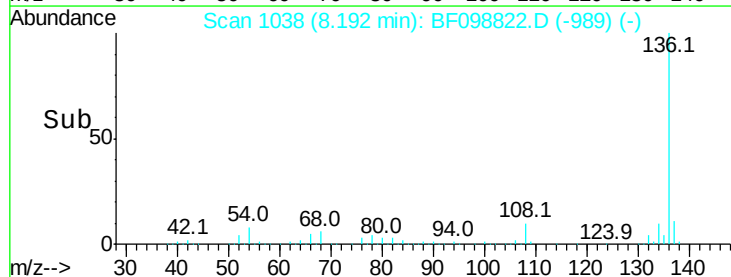
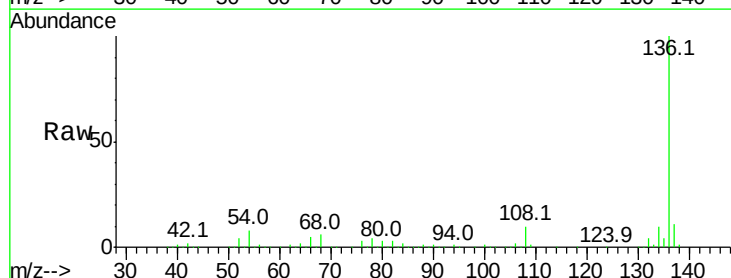
Ion Ratio Lower Upper

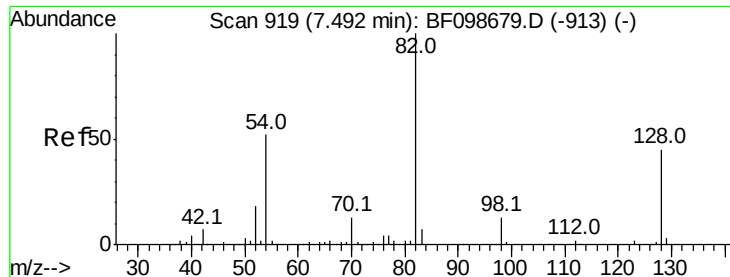
136 100

137 11.1 8.9 13.3

54 8.4 6.6 9.8

68 6.4 5.0 7.4

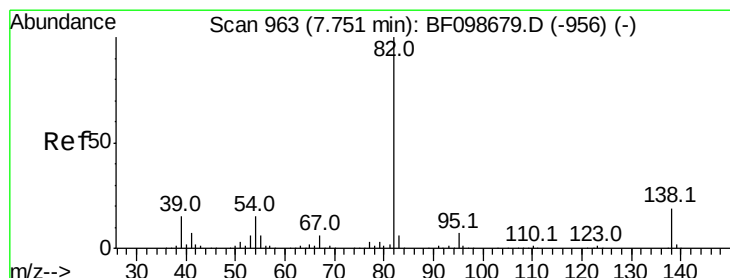
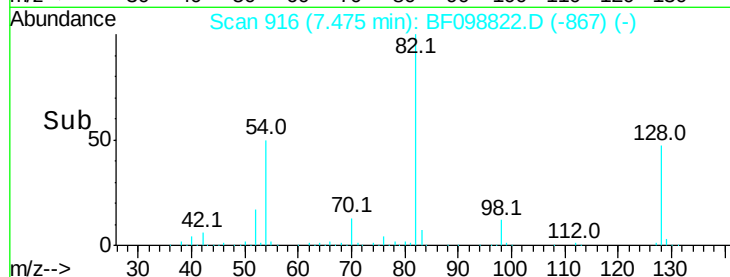
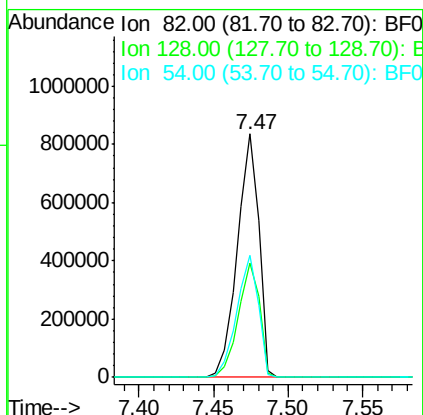
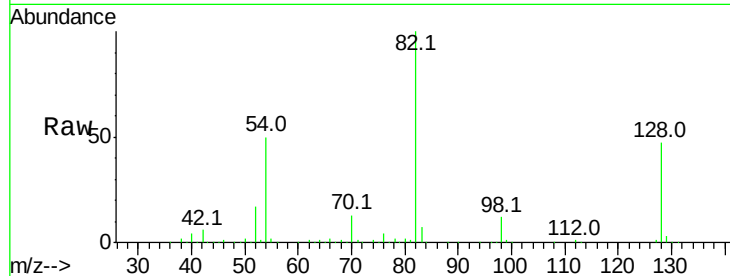




#23
Nitrobenzene-d5
Concen: 99.302 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF098822.D
Acq: 26 Sep 2017 10:23

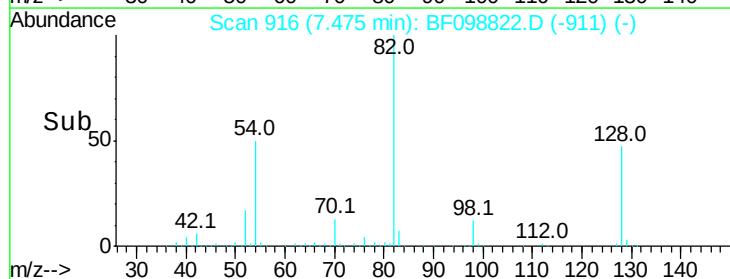
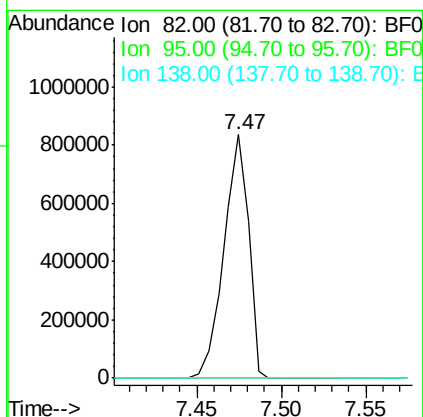
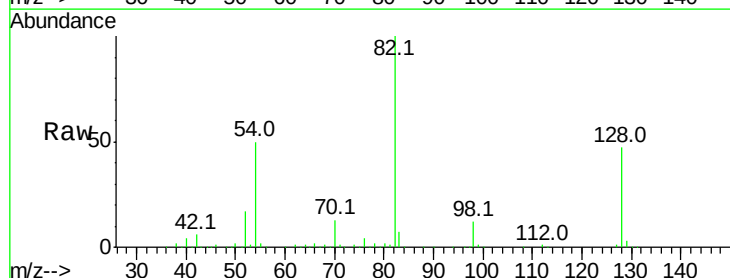
Instrument :
BNA_F
ClientSampleId :

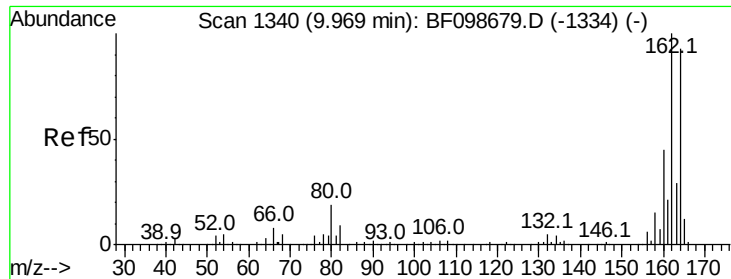
Tot Ion: 82 Resp: 843896
Ion Ratio Lower Upper
82 100
128 46.7 36.1 54.1
54 50.4 41.4 62.2



#25
Isophorone
Concen: 48.015 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.27 min
Lab File: BF098822.D
Acq: 26 Sep 2017 10:23

Tgt Ion: 82 Resp: 843629
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#

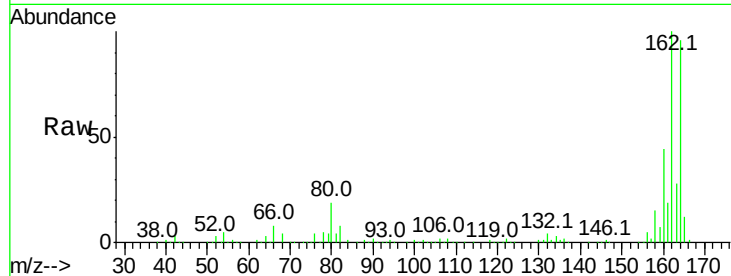




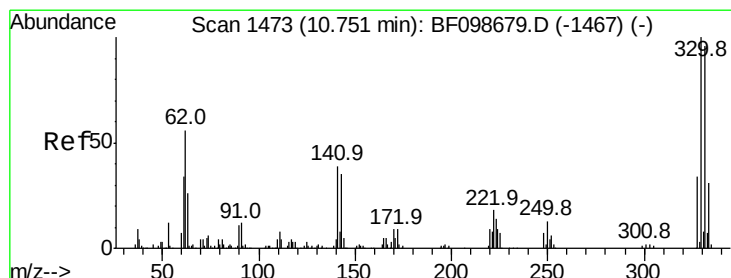
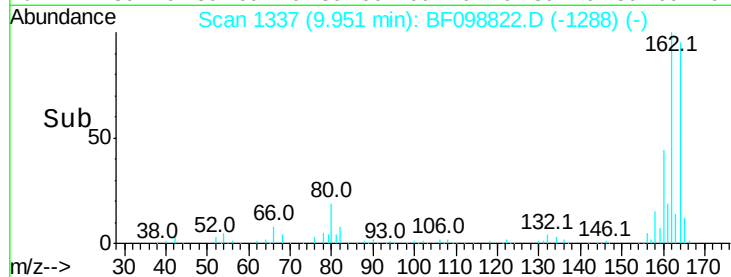
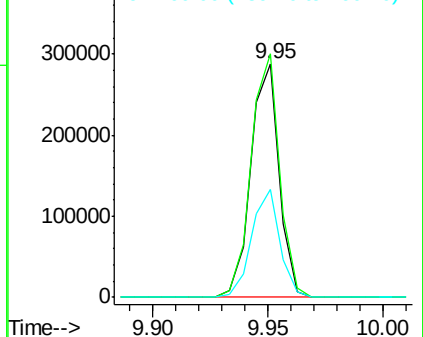
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF098822.D
 Acq: 26 Sep 2017 10:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 246393
 Ion Ratio Lower Upper
 164 100
 162 104.1 86.1 129.1
 160 46.1 38.3 57.5

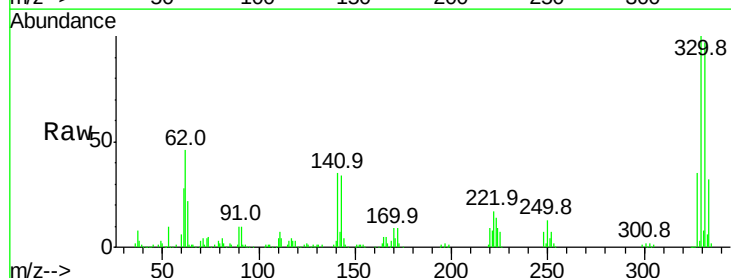


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

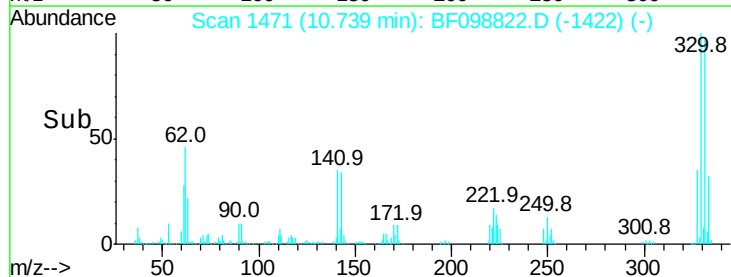
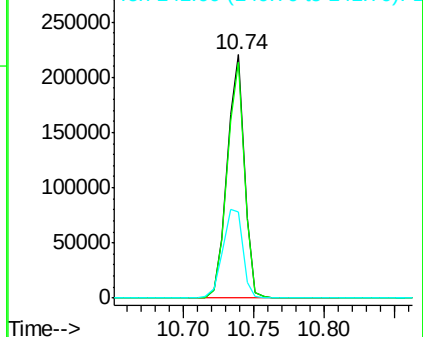


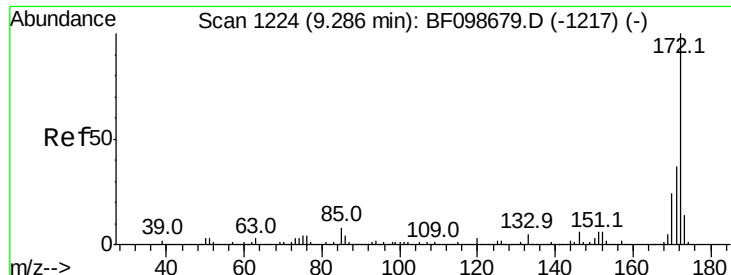
#41
 2,4,6-Tribromophenol
 Concen: 93.101 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.01 min
 Lab File: BF098822.D
 Acq: 26 Sep 2017 10:23

Tgt Ion:330 Resp: 187707
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.0 115.6
 141 42.1 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

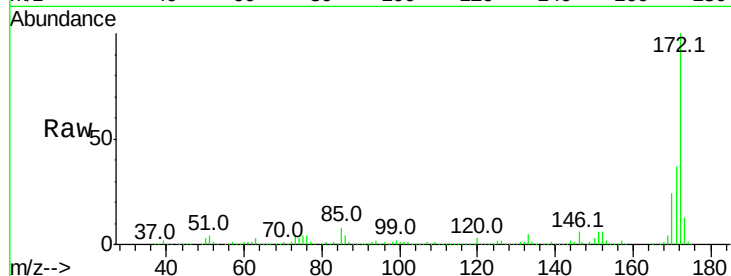




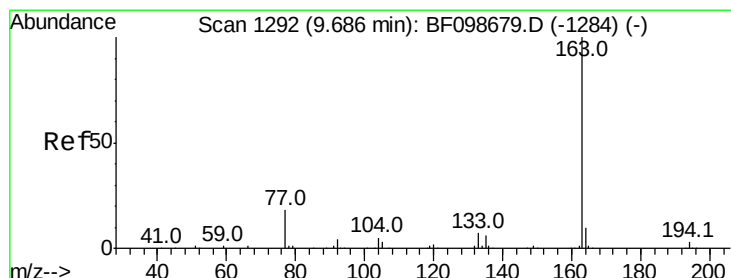
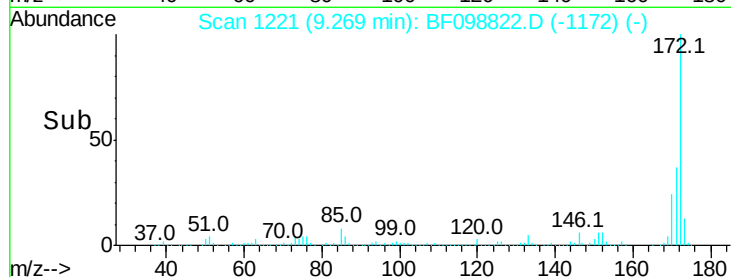
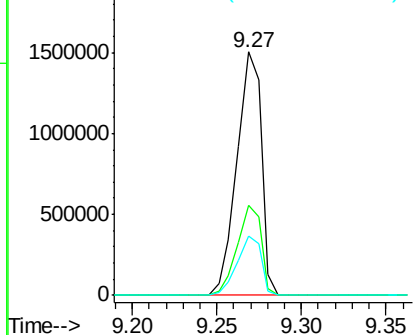
#44
2-Fluorobiphenyl
Concen: 102.950 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BF098822.D
Acq: 26 Sep 2017 10:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1519456
Ion Ratio Lower Upper
172 100
171 36.7 29.7 44.5
170 24.1 19.6 29.4

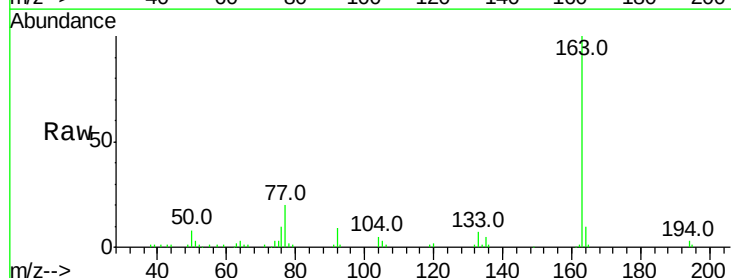


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

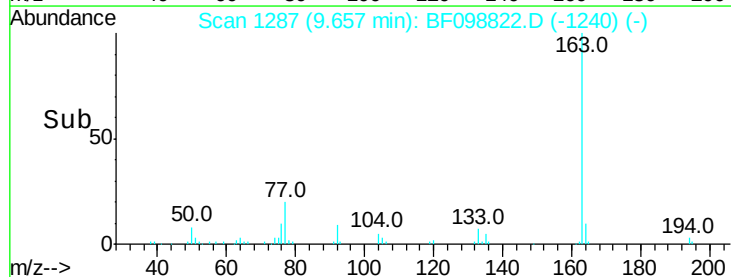
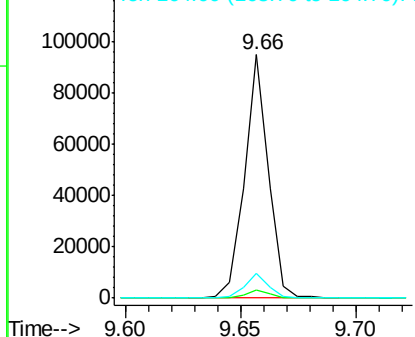


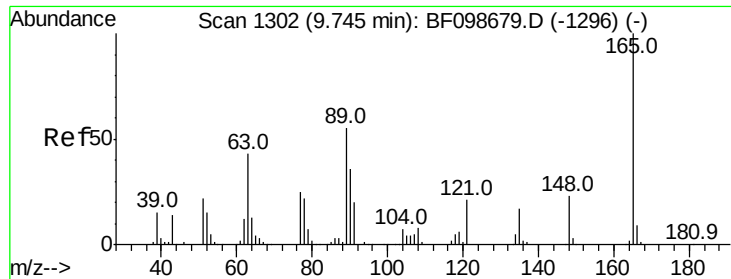
#49
Dimethylphthalate
Concen: 3.639 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BF098822.D
Acq: 26 Sep 2017 10:23

Tgt Ion:163 Resp: 67675
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 10.0 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

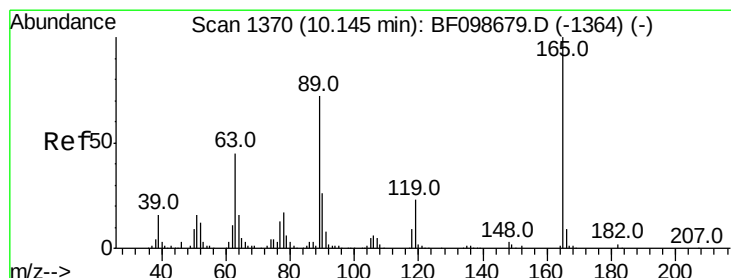
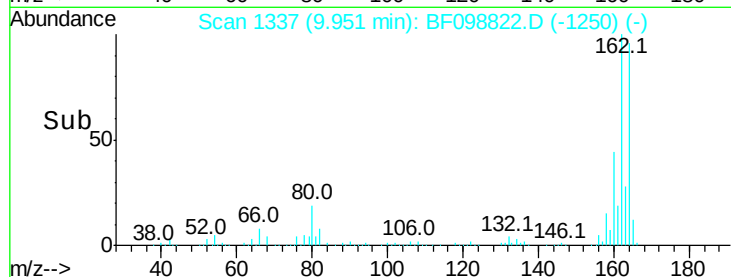
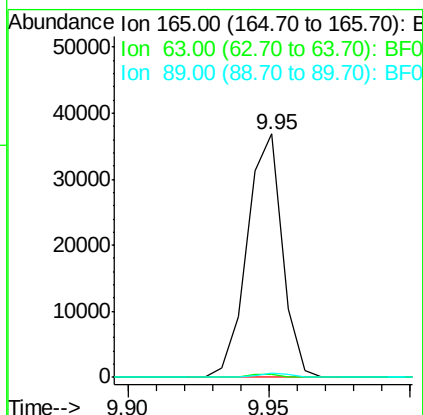
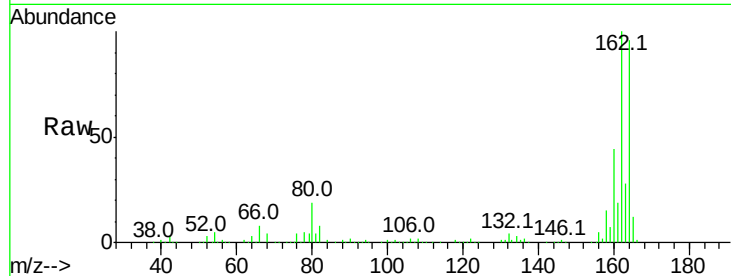




#50
 2,6-Dinitrotoluene
 Concen: 7.851 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. 0.21 min
 Lab File: BF098822.D
 Acq: 26 Sep 2017 10:23

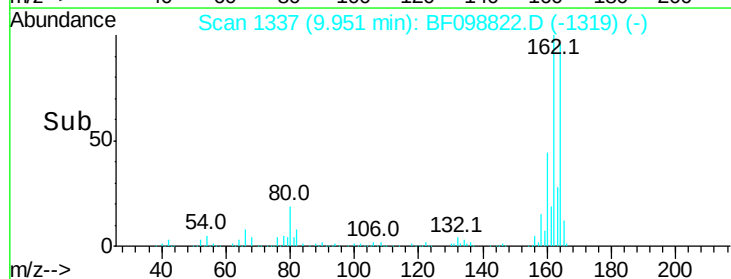
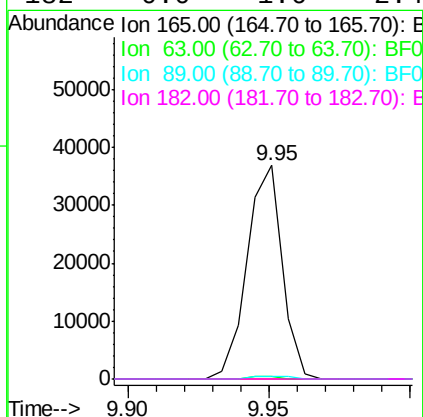
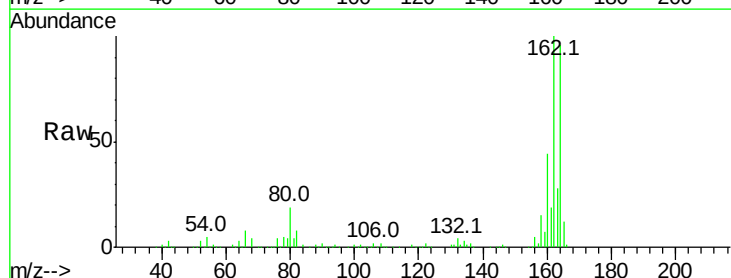
Instrument :
 BNA_F
 ClientSampleId :

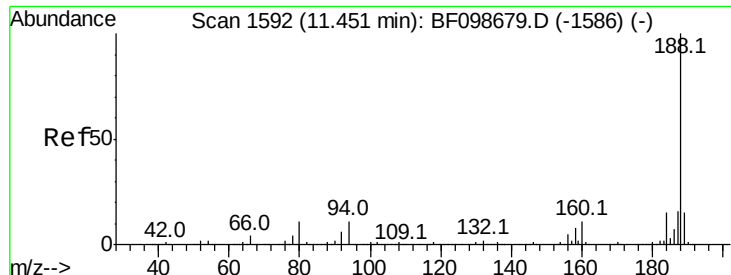
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.5	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.049 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.19 min
 Lab File: BF098822.D
 Acq: 26 Sep 2017 10:23

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

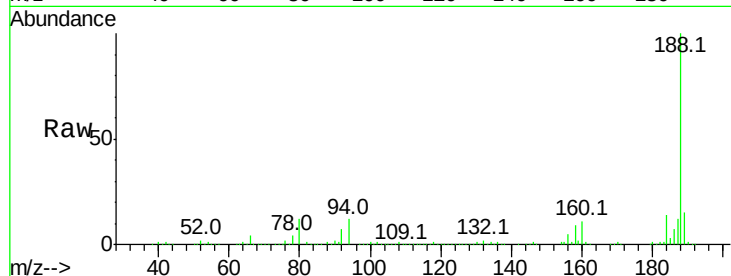




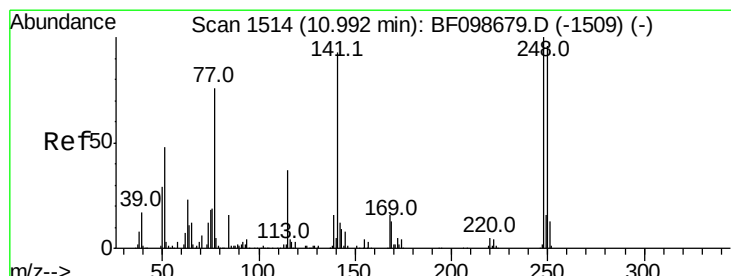
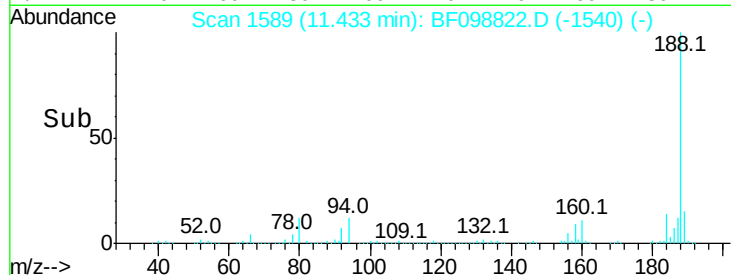
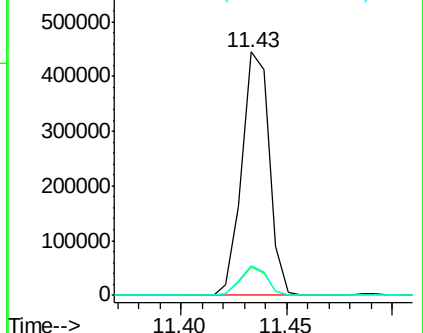
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF098822.D
Acq: 26 Sep 2017 10:23

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.9	8.5	12.7
80	12.4	9.2	13.8

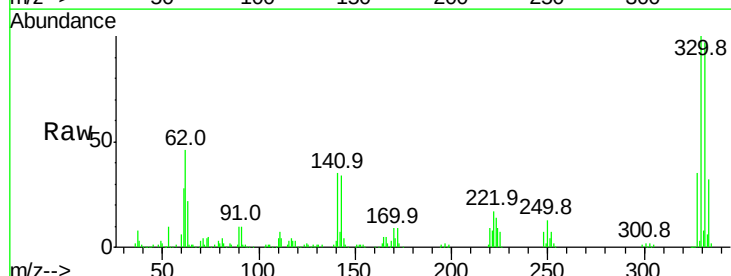


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

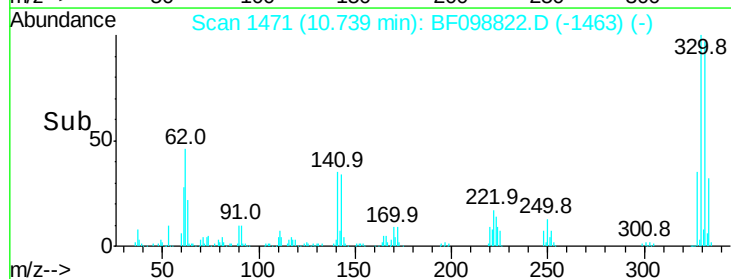
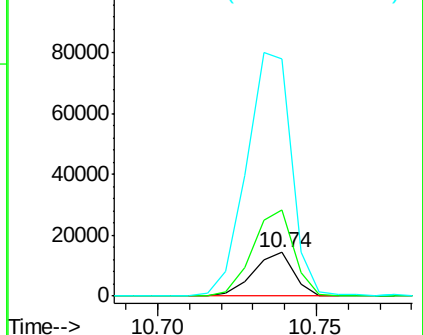


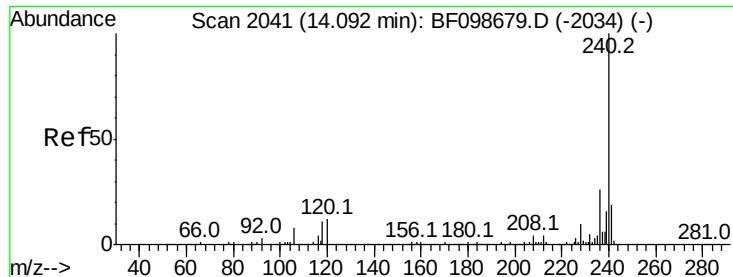
#66
4-Bromophenyl-phenylether
Concen: 3.243 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.25 min
Lab File: BF098822.D
Acq: 26 Sep 2017 10:23

Tgt Ion	Ratio	Lower	Upper
248	100		
250	197.9	76.9	115.3#
141	541.3	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: BF098822.D

Acq: 26 Sep 2017 10:23

Instrument :

BNA_F

ClientSampleId :

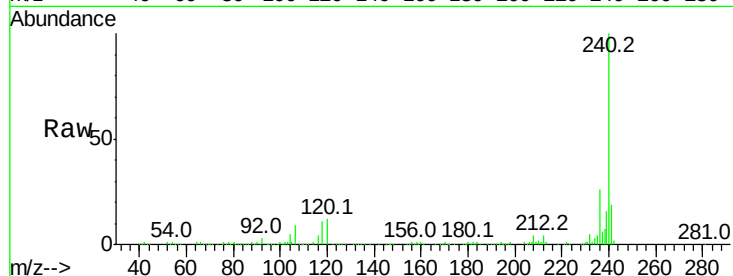
Tot Ion:240 Resp: 237584

Ion Ratio Lower Upper

240 100

120 12.4 9.5 14.3

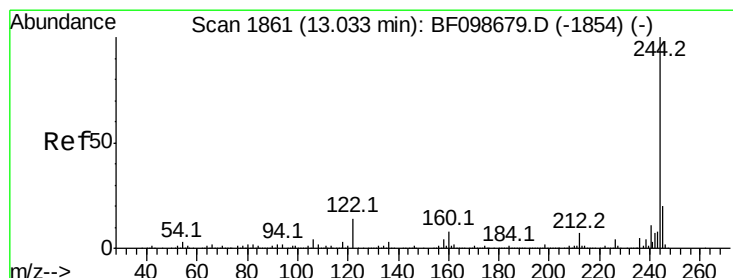
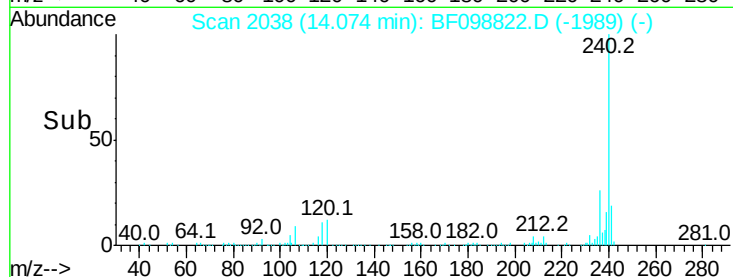
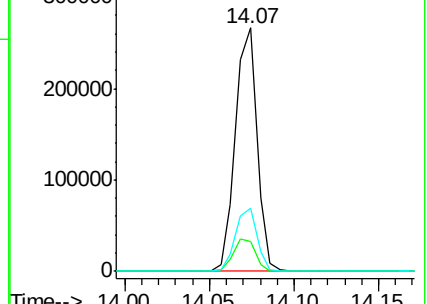
236 25.7 20.7 31.1



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: 100.619 ng

RT: 13.02 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BF098822.D

Acq: 26 Sep 2017 10:23

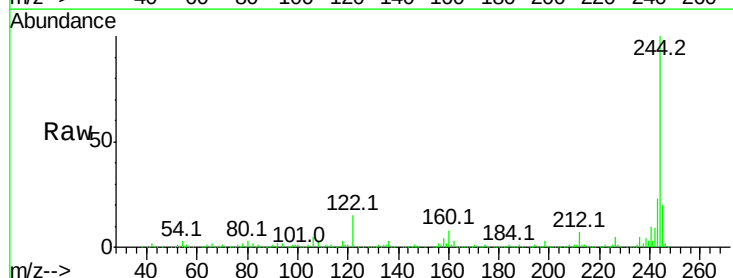
Tgt Ion:244 Resp: 1051156

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

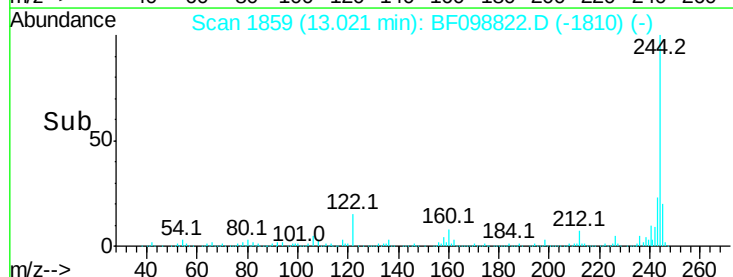
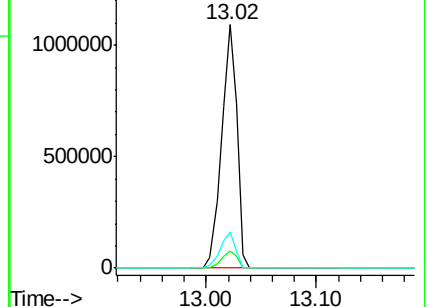
122 14.6 11.0 16.4

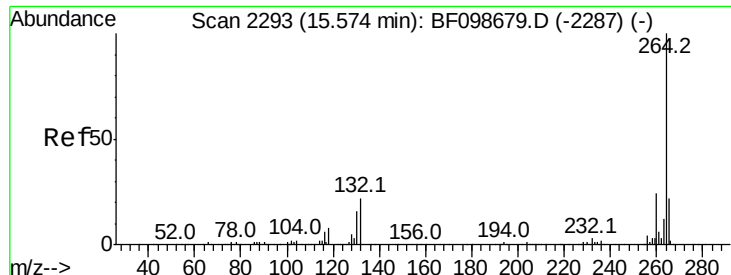


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

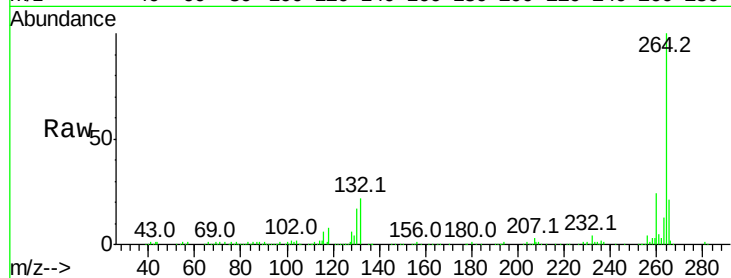




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.56 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BF098822.D
 Acq: 26 Sep 2017 10:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.2	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

