

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101217\
 Data File : BF099424.D
 Acq On : 13 Oct 2017 6:31
 Operator : SJ/JU
 Sample : I5731-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 13 07:12:15 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

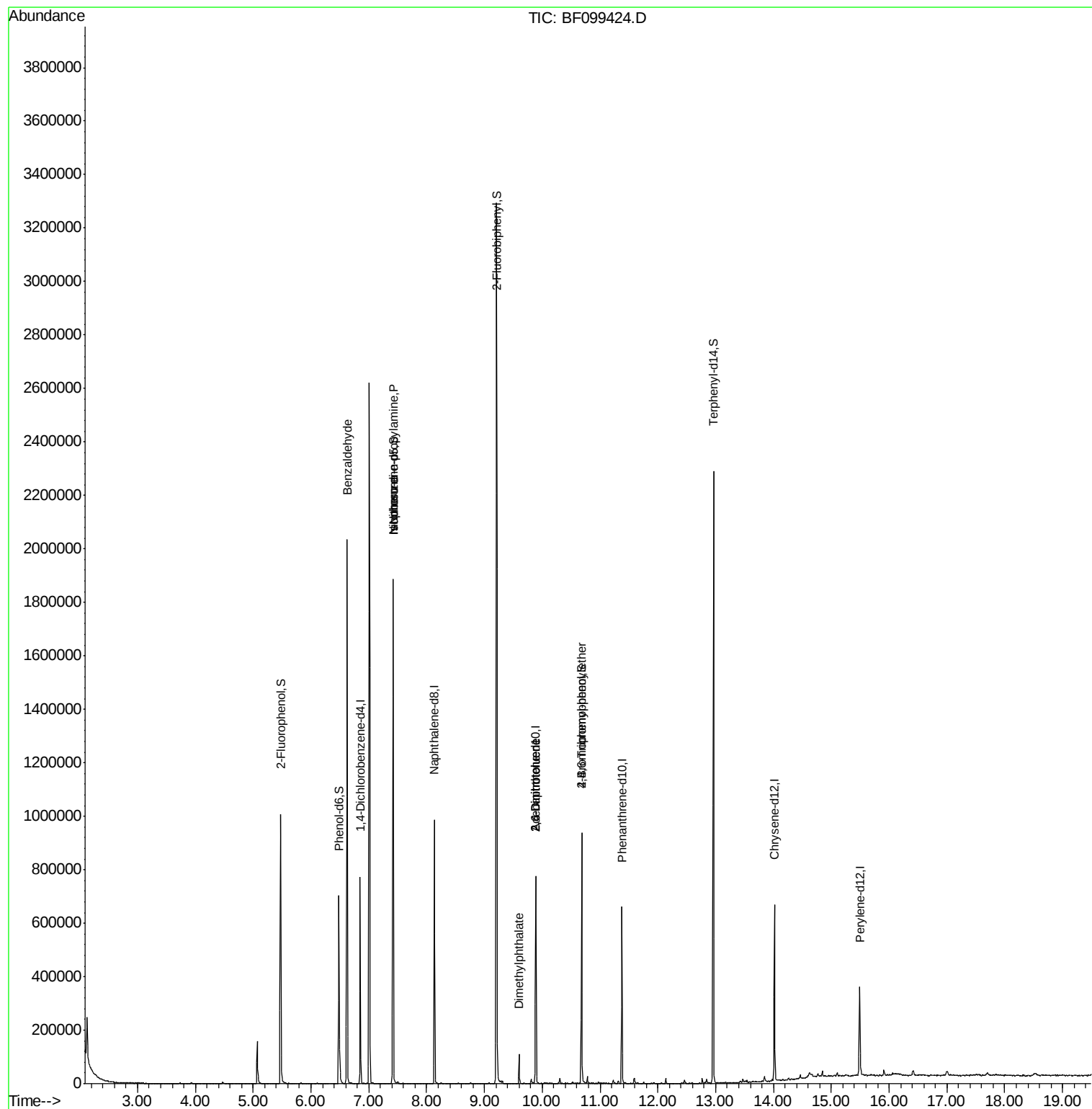
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	107784	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	407623	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	153233	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	227915	20.00	ng	0.00
75) Chrysene-d12	14.02	240	208486	20.00	ng	0.00
86) Perylene-d12	15.49	264	149951	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	321872	47.54	ng	0.00
7) Phenol-d6	6.48	99	234983	28.13	ng	0.00
23) Nitrobenzene-d5	7.42	82	635235	99.94	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	106081	84.60	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1089114	118.65	ng	0.00
78) Terphenyl-d14	12.96	244	799684	87.23	ng	0.00
Target Compounds						
9) Benzaldehyde	6.62	77	10220	2.11	ng	Qvalue 87
19) n-Nitroso-di-n-propylamine	7.42	70	81094	15.21	ng	# 74
25) Isophorone	7.42	82	635231	48.34	ng	# 64
49) Dimethylphthalate	9.60	163	47782	4.13	ng	99
50) 2,6-Dinitrotoluene	9.89	165	19788	7.86	ng	# 24
56) 2,4-Dinitrotoluene	9.89	165	19788	6.06	ng	# 21
66) 4-Bromophenyl-phenylether	10.68	248	7030	3.15	ng	# 1

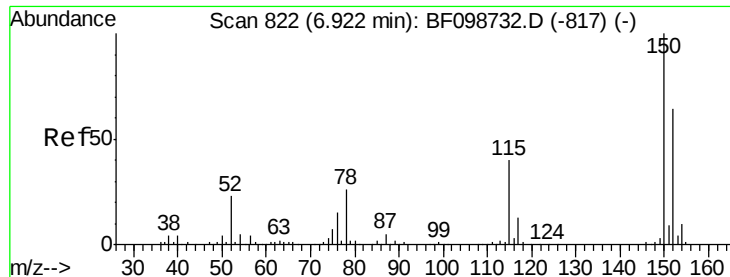
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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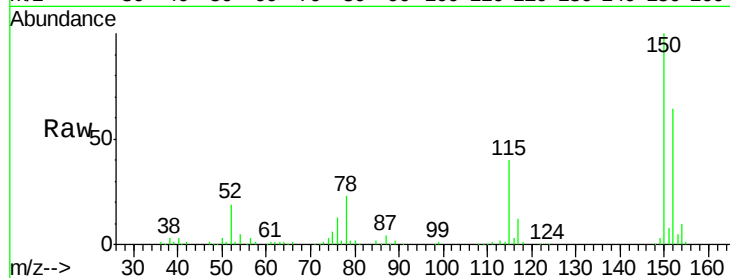


#1

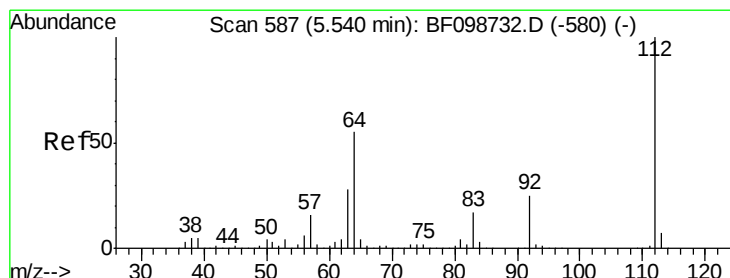
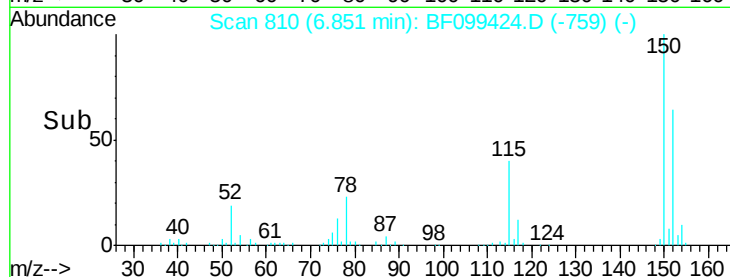
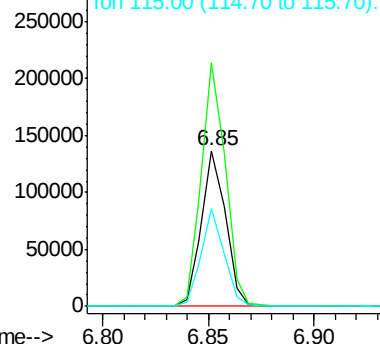
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF099424.D
Acq: 13 Oct 2017 6:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 107784
Ion Ratio Lower Upper
152 100
150 156.5 124.6 186.8
115 62.5 50.1 75.1



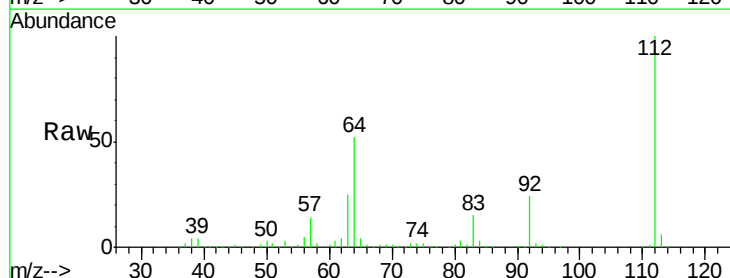
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



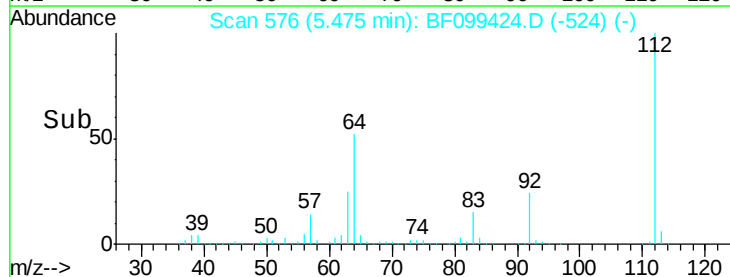
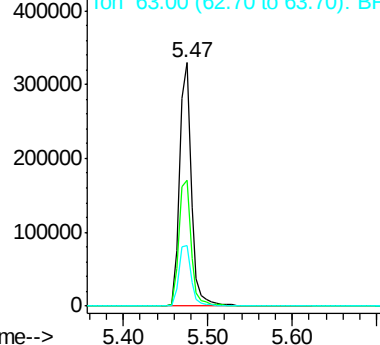
#5

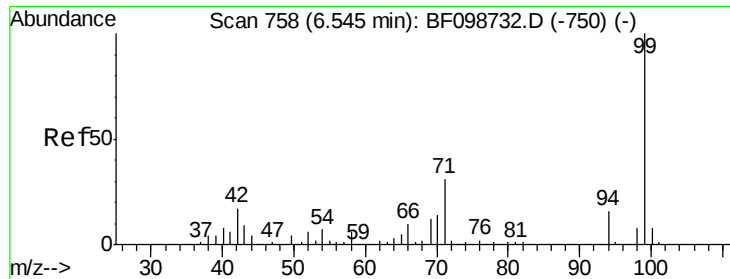
2-Fluorophenol
Concen: 47.54 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF099424.D
Acq: 13 Oct 2017 6:31

Tgt Ion:112 Resp: 321872
Ion Ratio Lower Upper
112 100
64 51.8 47.9 71.9
63 24.7 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: 28.13 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF099424.D

Acq: 13 Oct 2017 6:31

Instrument :

BNA_F

ClientSampleId :

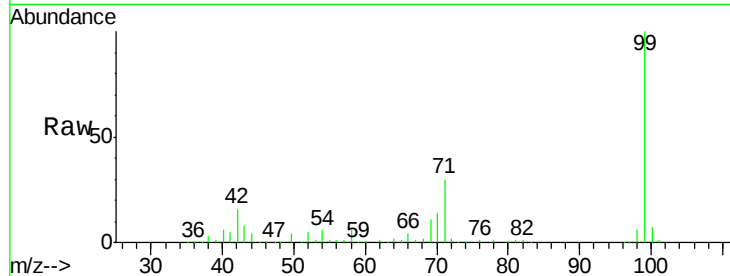
Tot Ion: 99 Resp: 234983

Ion Ratio Lower Upper

99 100

42 15.9 14.5 21.7

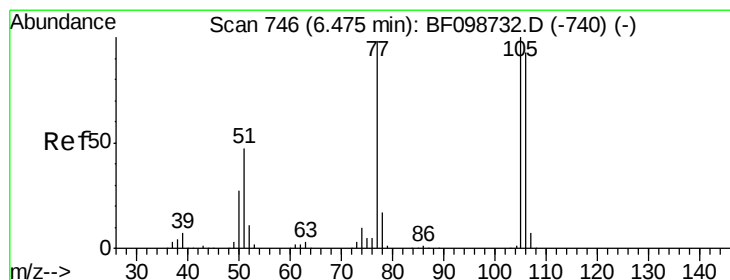
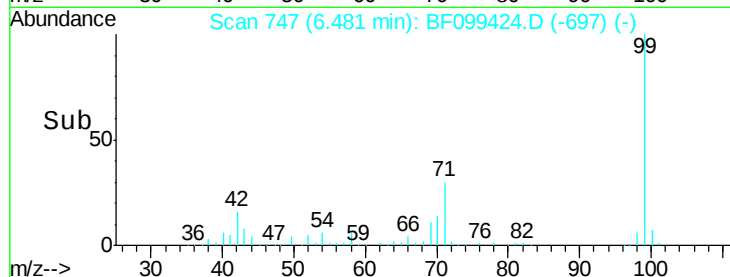
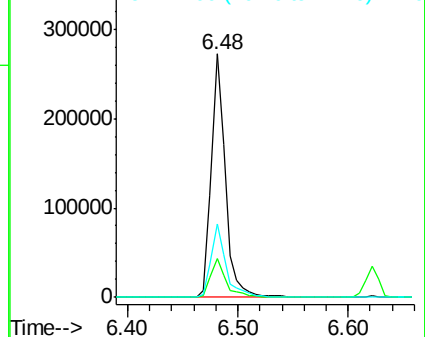
71 30.1 25.4 38.0



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: 2.11 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.21 min

Lab File: BF099424.D

Acq: 13 Oct 2017 6:31

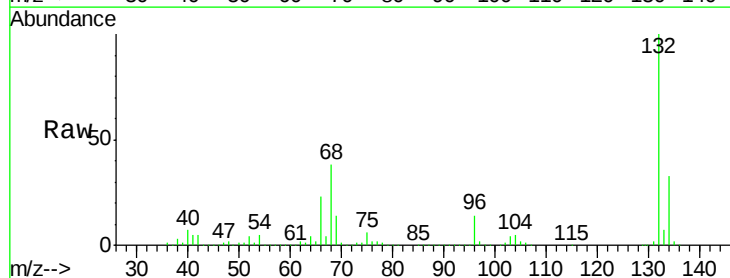
Tgt Ion: 77 Resp: 10220

Ion Ratio Lower Upper

77 100

105 90.1 81.1 121.1

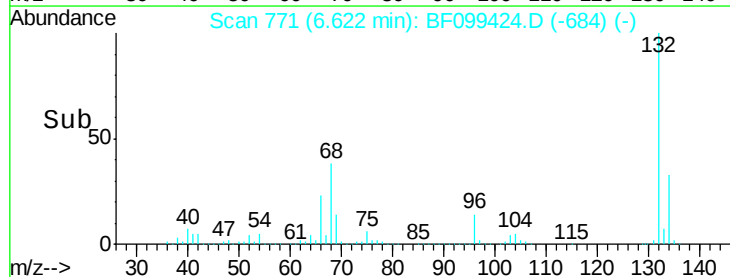
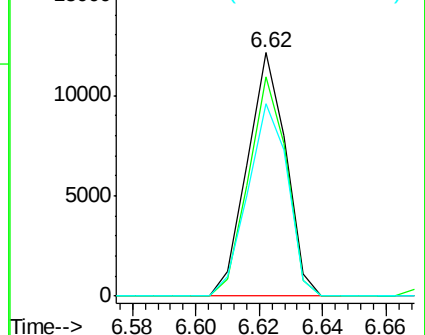
106 79.2 74.5 114.5



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

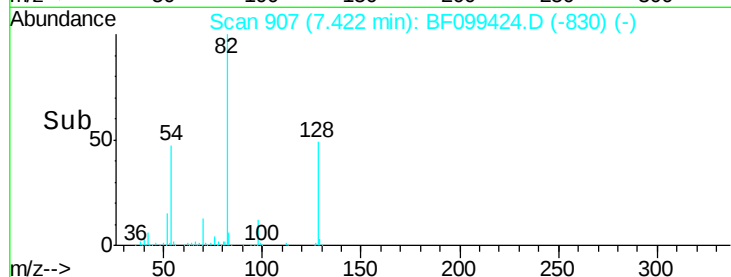
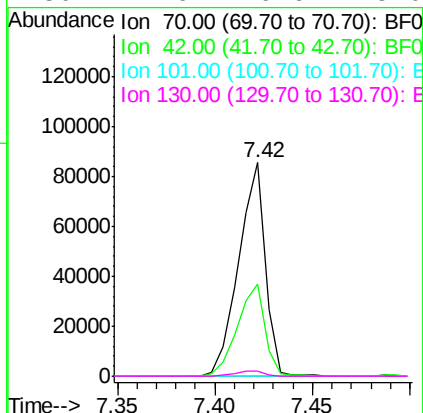
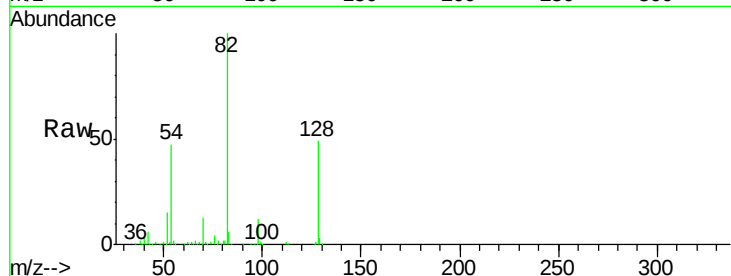




#19
n-Nitroso-di-n-propylamine
Concen: 15.21 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.15 min
Lab File: BF099424.D
Acq: 13 Oct 2017 6:31

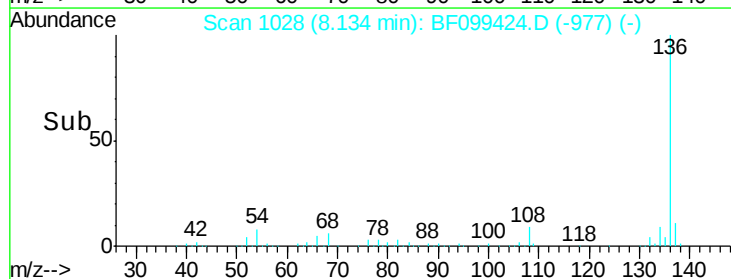
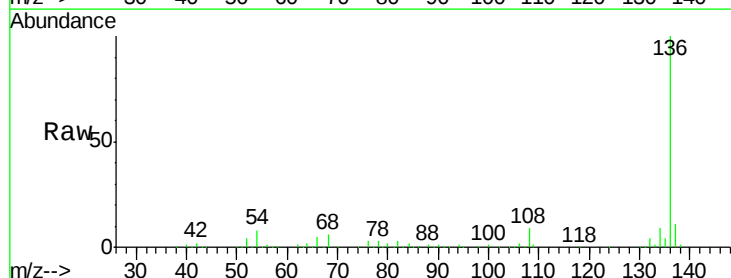
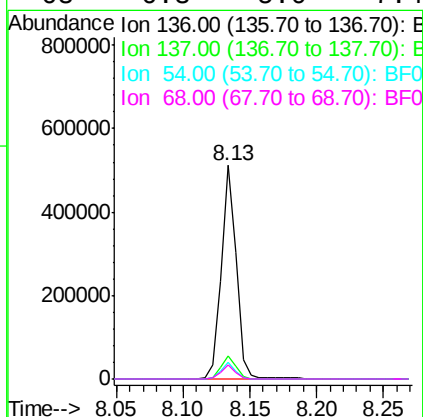
Instrument :
BNA_F
ClientSampleId :

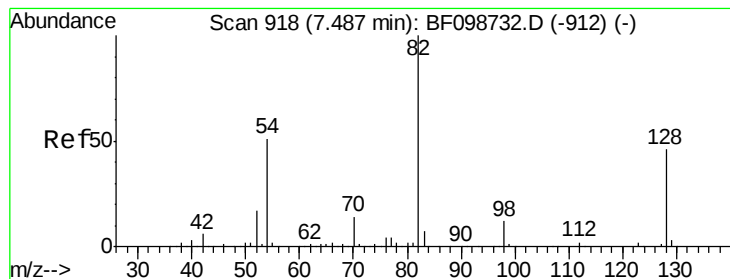
Tot Ion	Ratio	Lower	Upper
70	100		
42	43.0	47.5	71.3#
101	0.0	7.4	11.2#
130	2.6	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF099424.D
Acq: 13 Oct 2017 6:31

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.6	6.6	9.8
68	6.3	5.0	7.4





#23

Nitrobenzene-d5

Concen: 99.94 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.00 min

Lab File: BF099424.D

Acq: 13 Oct 2017 6:31

Instrument :

BNA_F

ClientSampled :

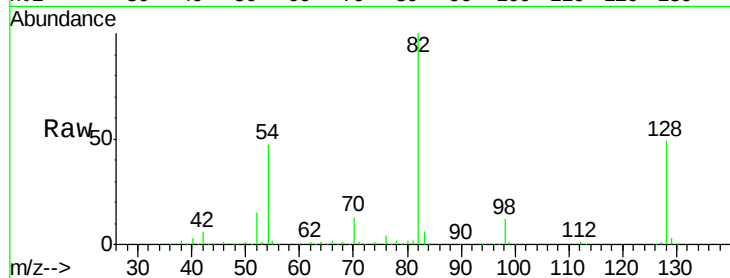
Tot Ion: 82 Resp: 635235

Ion Ratio Lower Upper

82 100

128 49.3 36.1 54.1

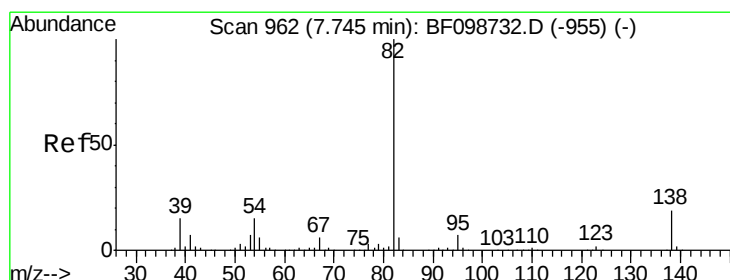
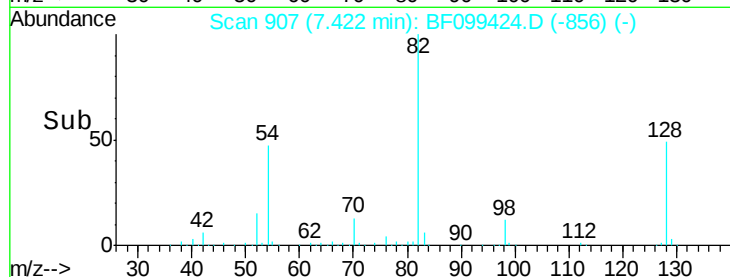
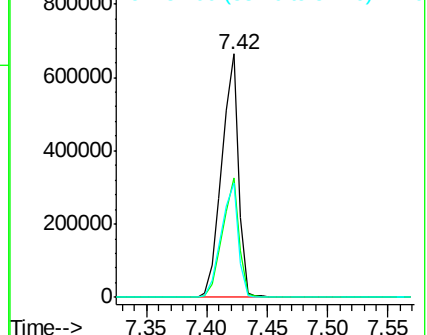
54 47.2 41.4 62.2



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: 48.34 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.25 min

Lab File: BF099424.D

Acq: 13 Oct 2017 6:31

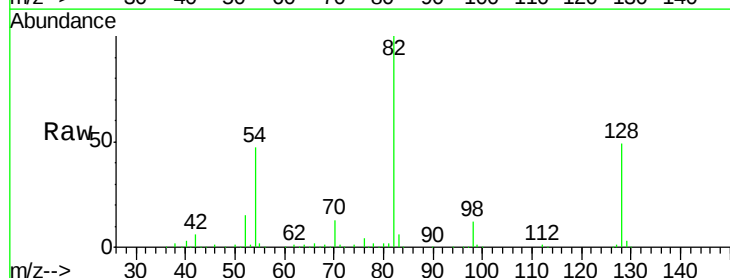
Tgt Ion: 82 Resp: 635231

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

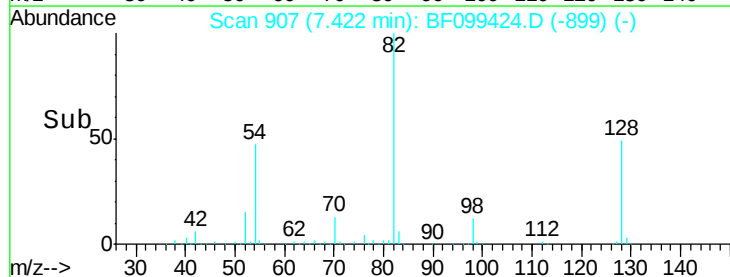
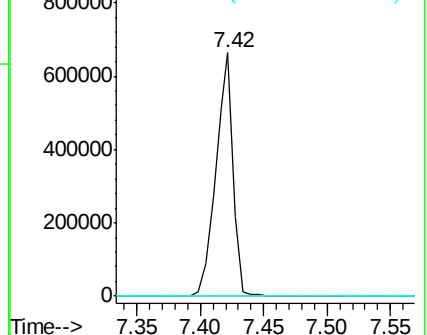
138 0.0 14.9 22.3#



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

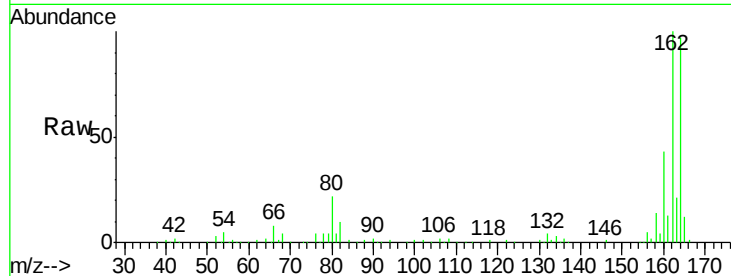




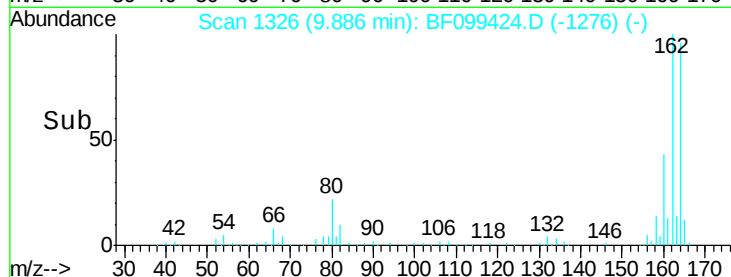
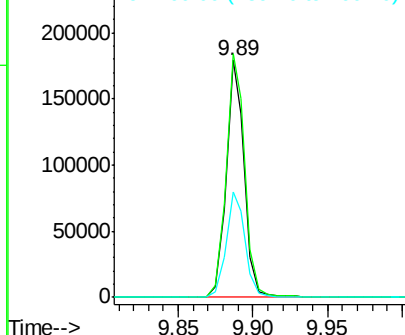
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF099424.D
 Acq: 13 Oct 2017 6:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 153233
 Ion Ratio Lower Upper
 164 100
 162 102.9 86.1 129.1
 160 44.6 38.3 57.5

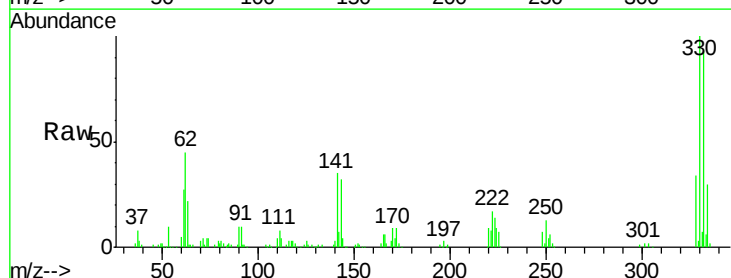


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

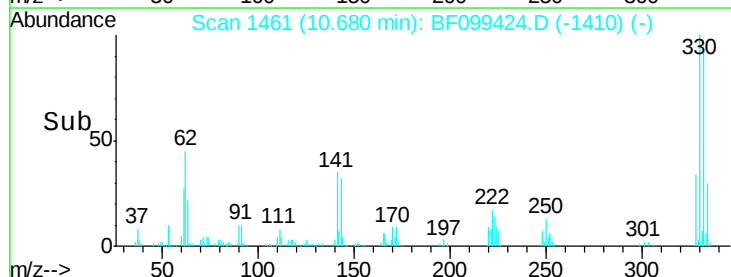
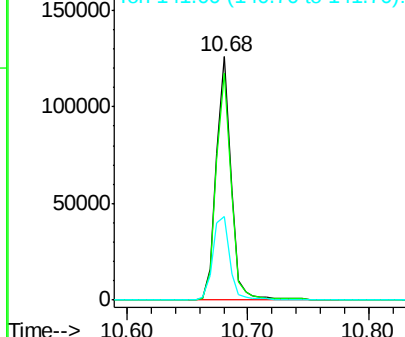


#41
 2,4,6-Tribromophenol
 Concen: 84.60 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: BF099424.D
 Acq: 13 Oct 2017 6:31

Tgt Ion:330 Resp: 106081
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.0 115.6
 141 39.5 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

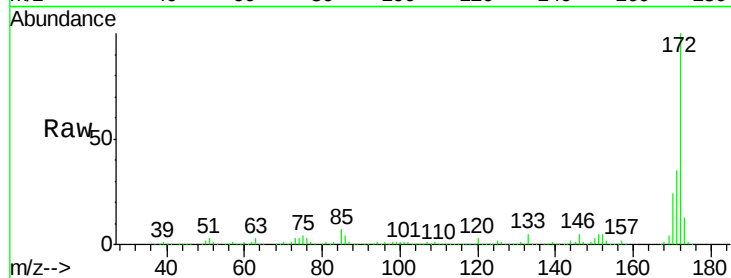




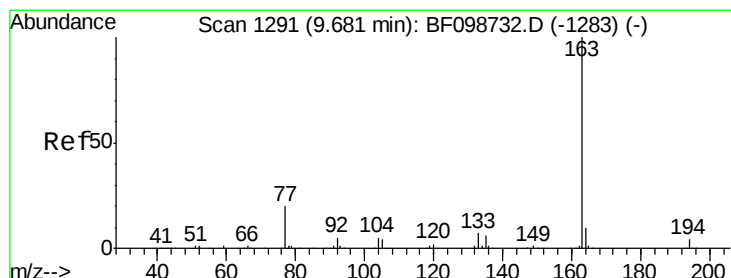
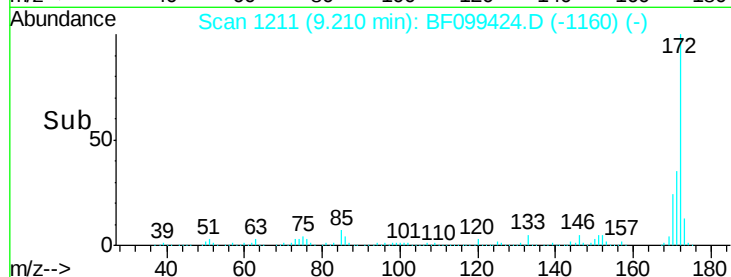
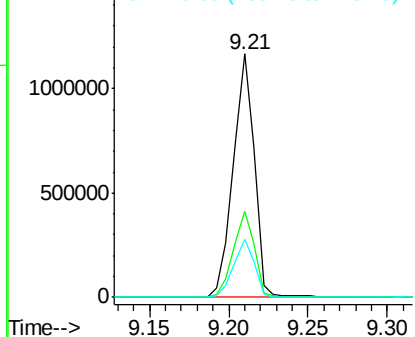
#44
 2-Fluorobiphenyl
 Concen: 118.65 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF099424.D
 Acq: 13 Oct 2017 6:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1089114
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.7 44.5
 170 23.8 19.6 29.4

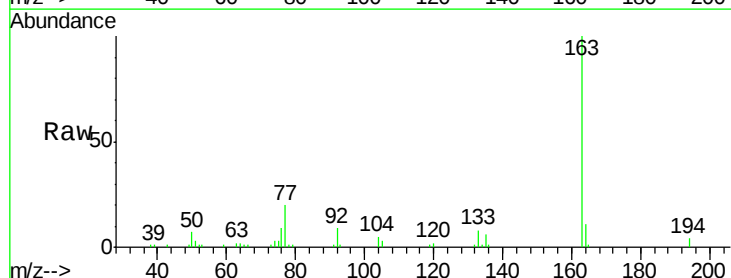


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

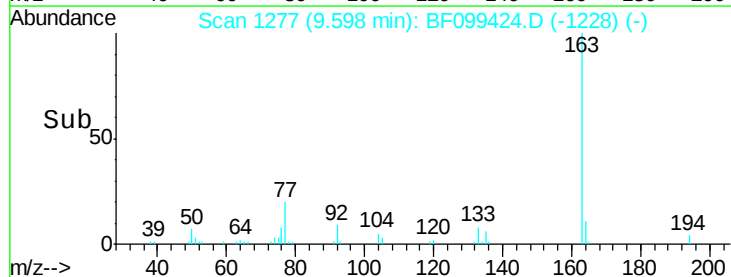
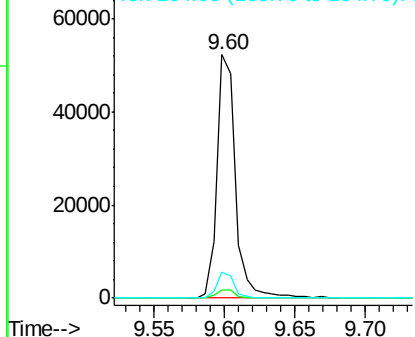


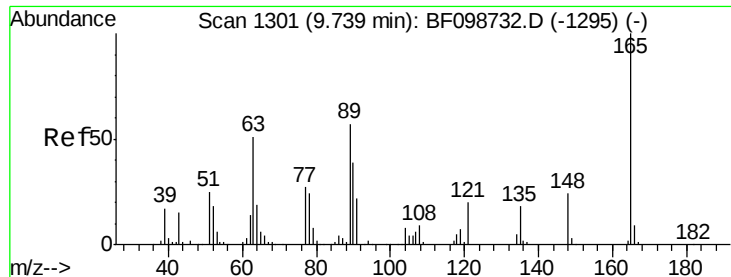
#49
 Dimethylphthalate
 Concen: 4.13 ng
 RT: 9.60 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: BF099424.D
 Acq: 13 Oct 2017 6:31

Tgt Ion:163 Resp: 47782
 Ion Ratio Lower Upper
 163 100
 194 3.6 2.7 4.1
 164 10.5 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

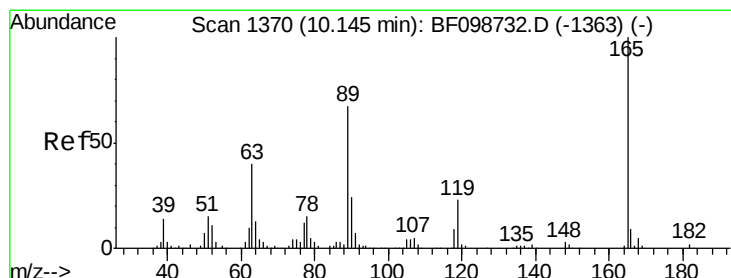
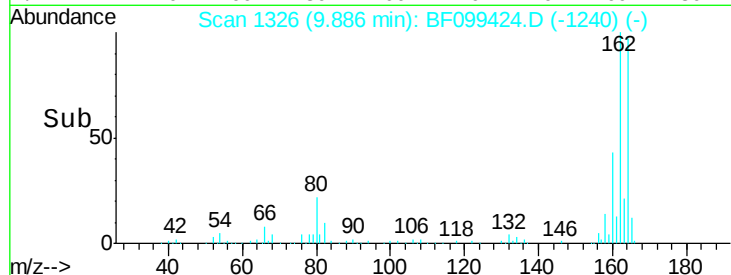
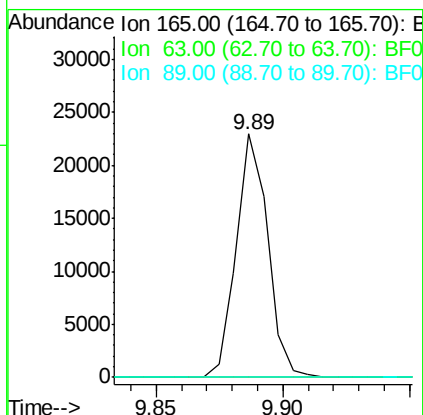
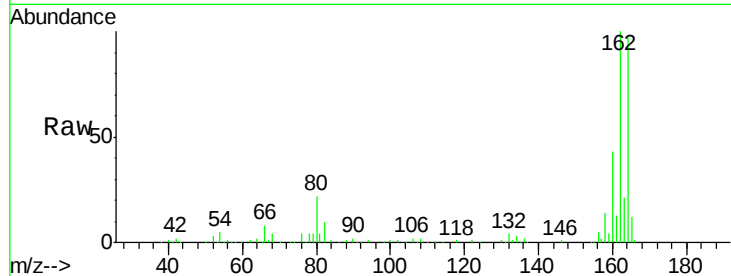




#50
 2,6-Dinitrotoluene
 Concen: 7.86 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.21 min
 Lab File: BF099424.D
 Acq: 13 Oct 2017 6:31

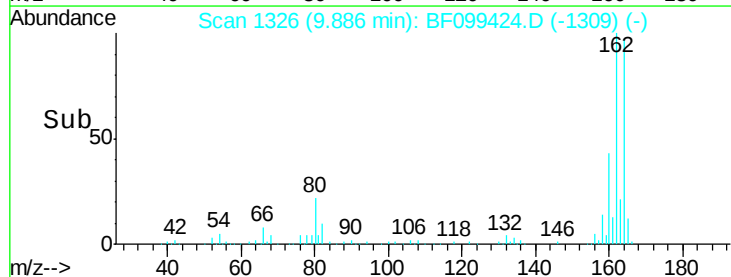
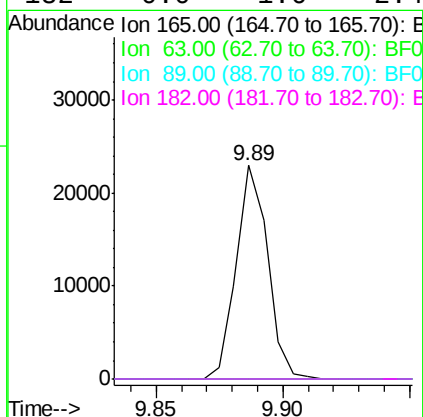
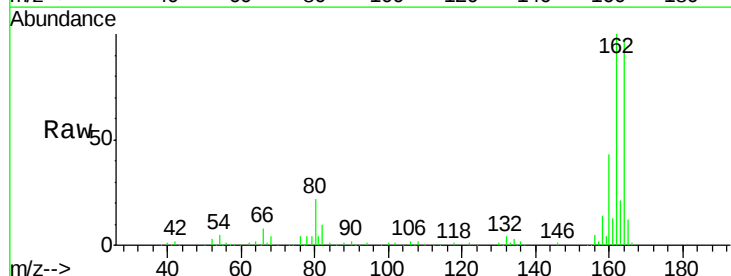
Instrument :
 BNA_F
 ClientSampleId :

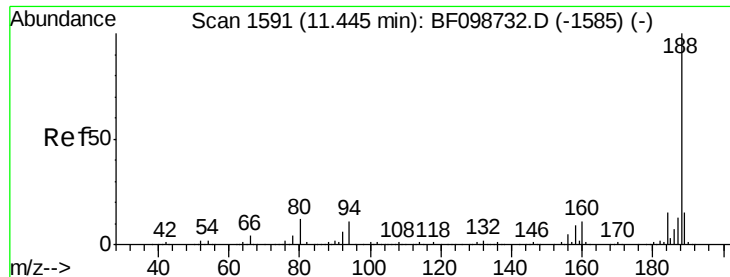
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.06 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.20 min
 Lab File: BF099424.D
 Acq: 13 Oct 2017 6:31

Tgt 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#

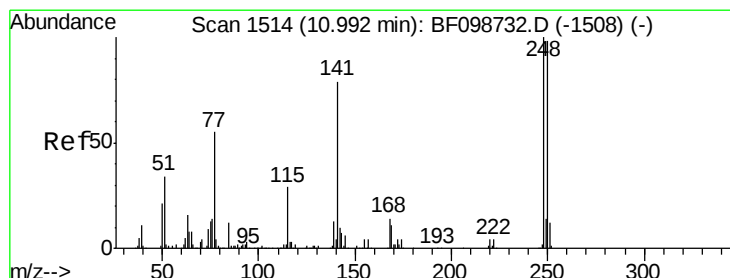
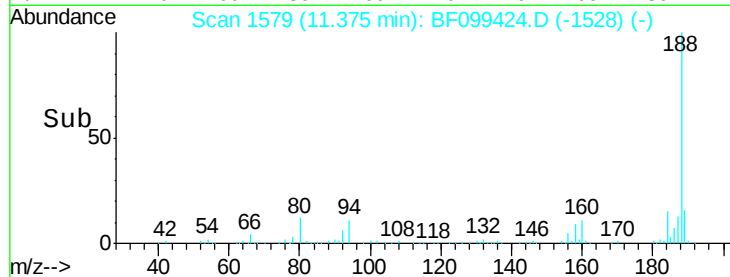
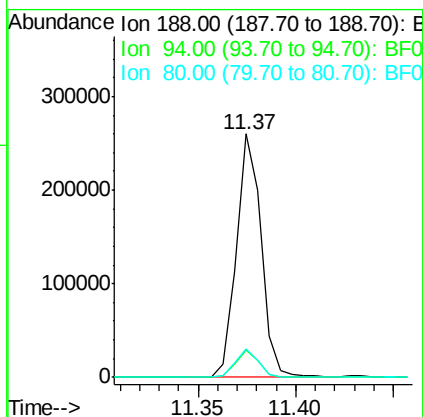
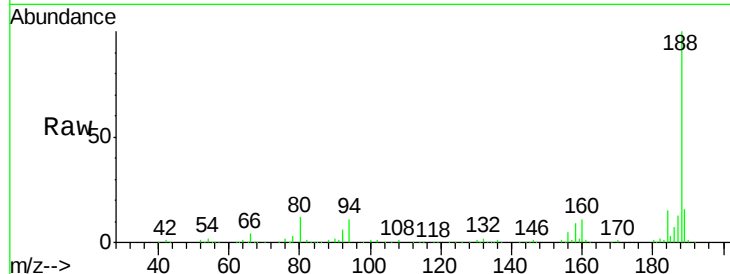




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF099424.D
Acq: 13 Oct 2017 6:31

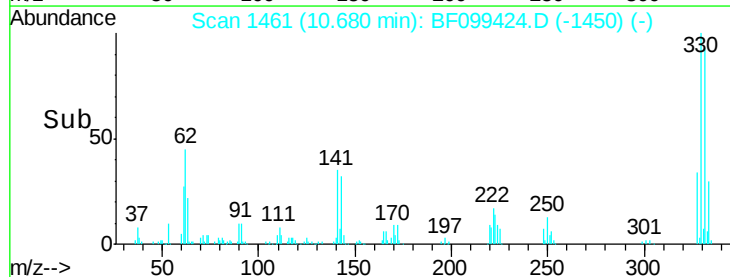
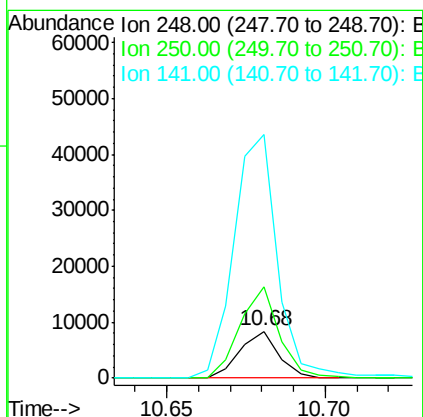
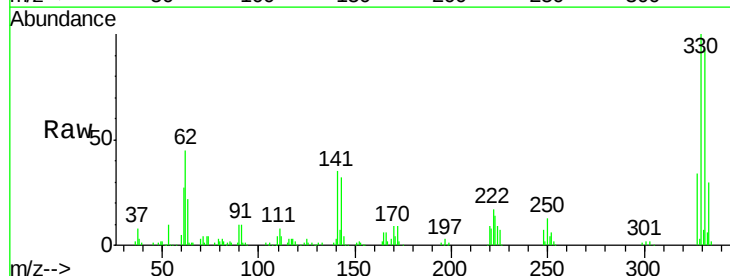
Instrument :
BNA_F
ClientSampleId :

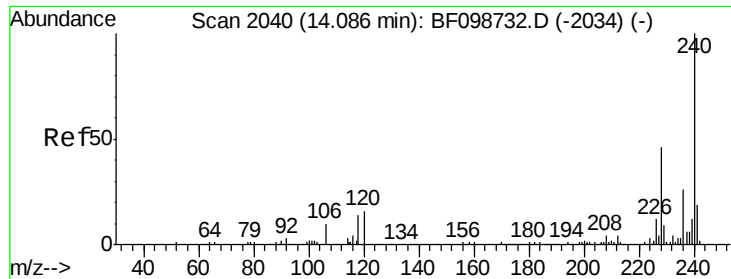
Tot Ion:188 Resp: 227915
Ion Ratio Lower Upper
188 100
94 11.2 8.5 12.7
80 11.9 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.15 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.24 min
Lab File: BF099424.D
Acq: 13 Oct 2017 6:31

Tgt Ion:248 Resp: 7030
Ion Ratio Lower Upper
248 100
250 193.4 76.9 115.3#
141 518.7 74.4 111.6#

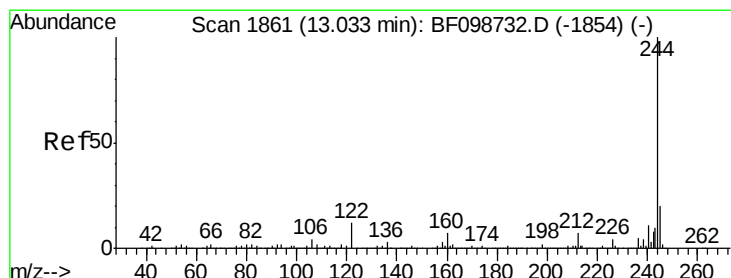
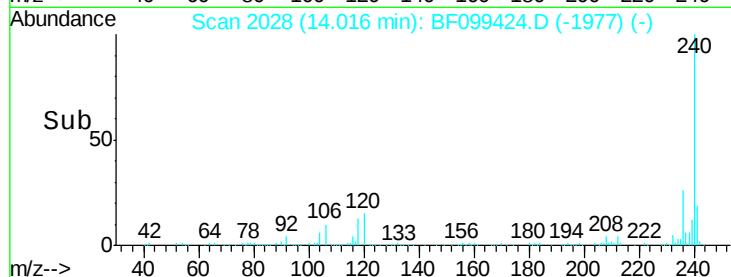
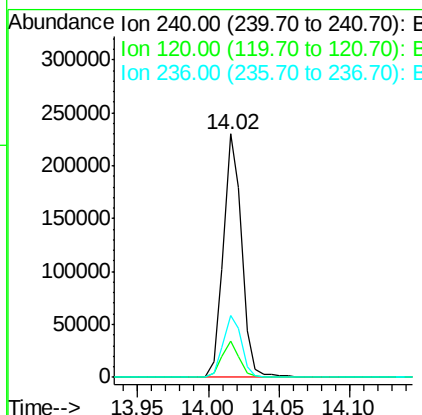
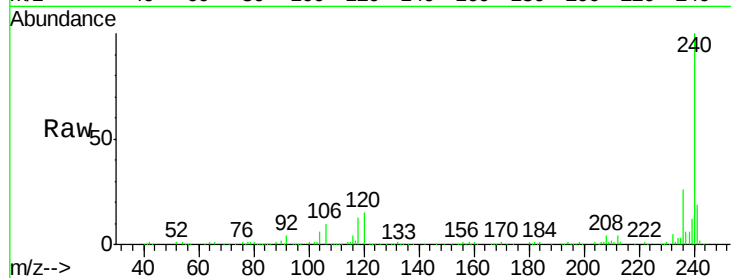




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF099424.D
 Acq: 13 Oct 2017 6:31

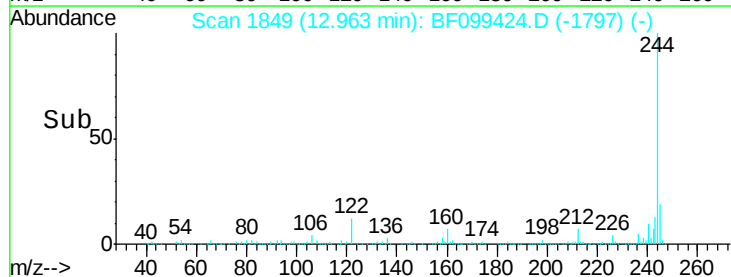
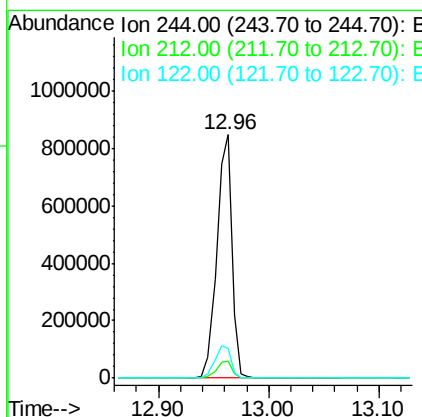
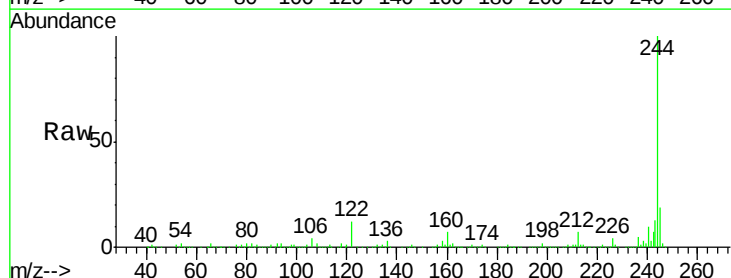
Instrument :
 BNA_F
 ClientSampleId :

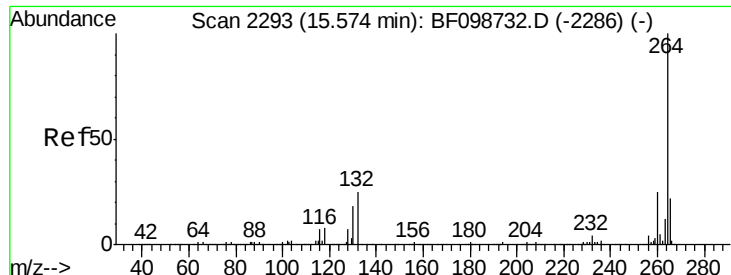
Tot Ion:240 Resp: 208486
 Ion Ratio Lower Upper
 240 100
 120 15.1 9.5 14.3#
 236 25.5 20.7 31.1



#78
 Terphenyl-d14
 Concen: 87.23 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. 0.01 min
 Lab File: BF099424.D
 Acq: 13 Oct 2017 6:31

Tgt Ion:244 Resp: 799684
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 12.4 11.0 16.4

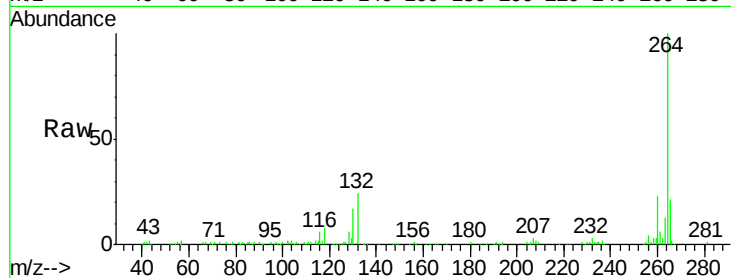




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.01 min
Lab File: BF099424.D
Acq: 13 Oct 2017 6:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	20.9	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

