

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101317\
 Data File : BF099470.D
 Acq On : 14 Oct 2017 6:01
 Operator : SJ/JU
 Sample : I5810-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 14 06:38:46 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

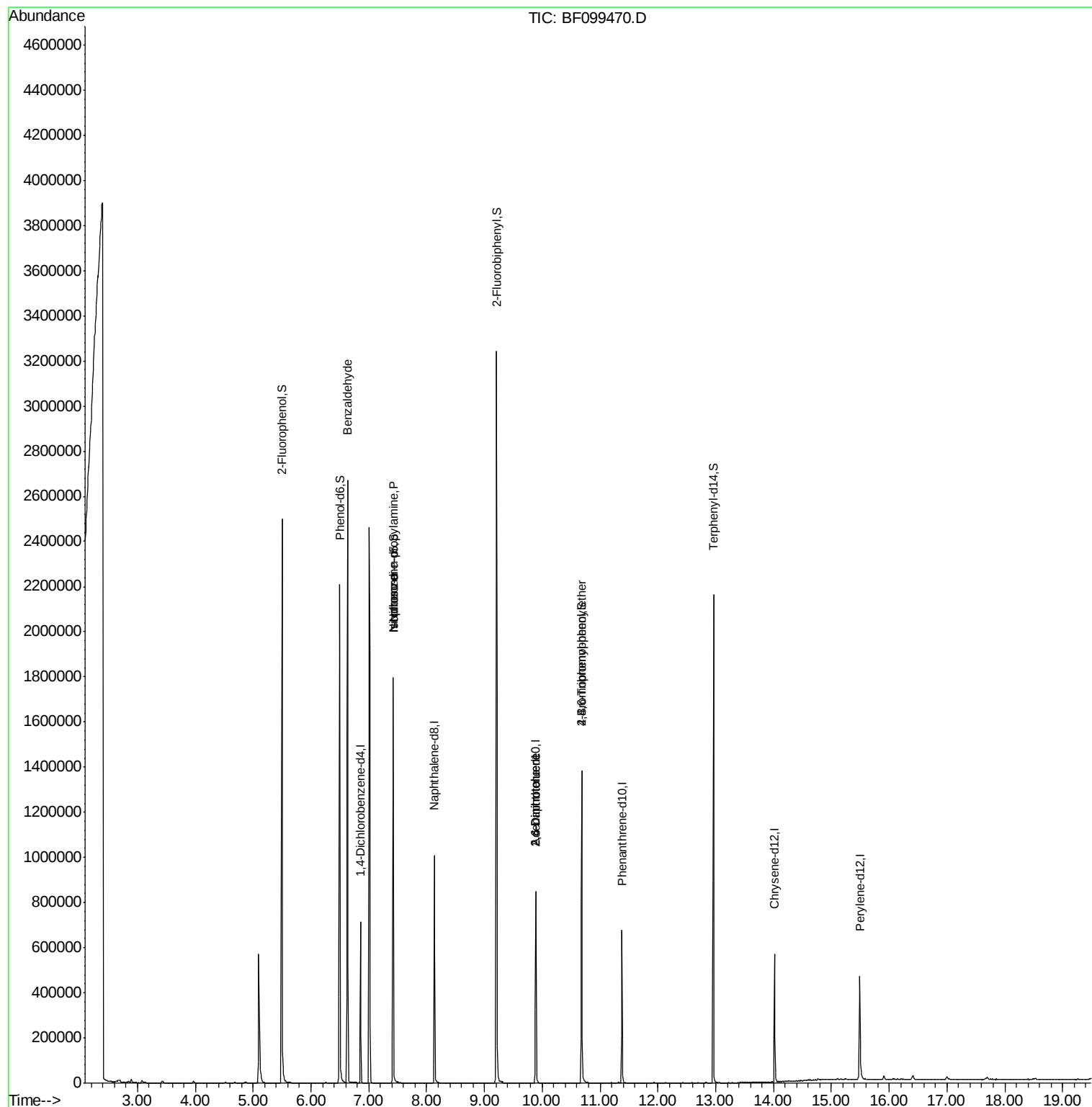
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	113502	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	449342	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	176933	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	255375	20.00	ng	0.00
75) Chrysene-d12	14.02	240	204342	20.00	ng	0.00
86) Perylene-d12	15.49	264	215719	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	830704	116.51	ng	0.03
7) Phenol-d6	6.50	99	898326	102.13	ng	0.01
23) Nitrobenzene-d5	7.42	82	629936	89.90	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	166396	114.93	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1092586	103.09	ng	0.00
78) Terphenyl-d14	12.96	244	696651	77.53	ng	0.00
Target Compounds						
9) Benzaldehyde	6.63	77	16793	3.29	ng	Qvalue 87
19) n-Nitroso-di-n-propylamine	7.42	70	81759	14.56	ng	# 73
25) Isophorone	7.42	82	629926	43.48	ng	# 64
50) 2,6-Dinitrotoluene	9.89	165	22098	7.60	ng	# 25
56) 2,4-Dinitrotoluene	9.89	165	22098	5.86	ng	# 22
66) 4-Bromophenyl-phenylether	10.68	248	10847	4.34	ng	# 1

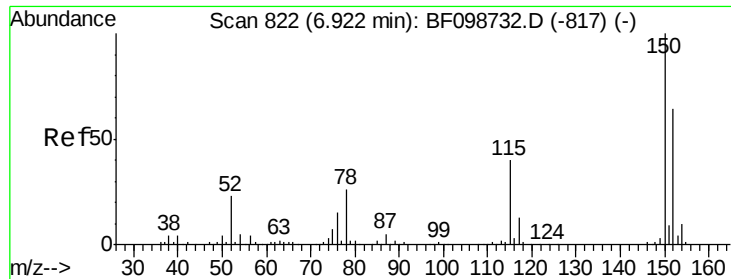
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101317\
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Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
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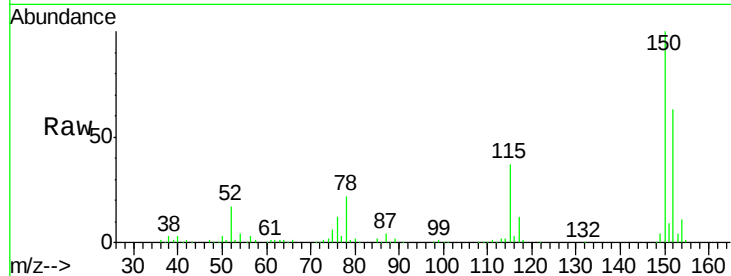




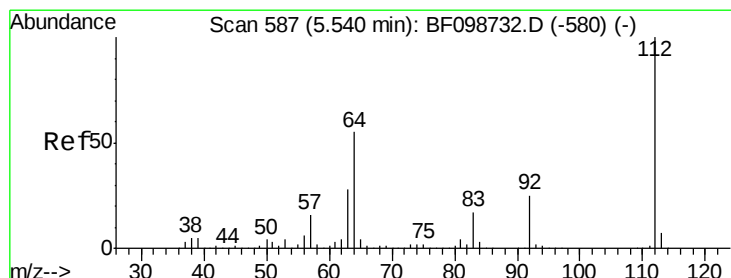
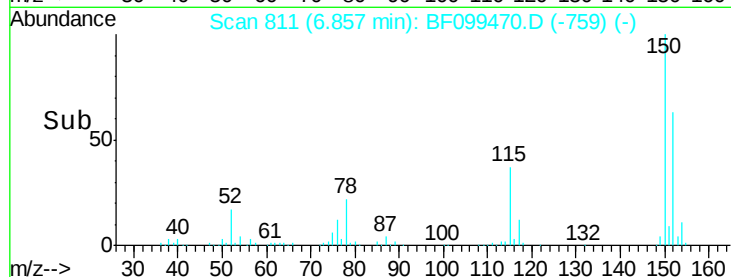
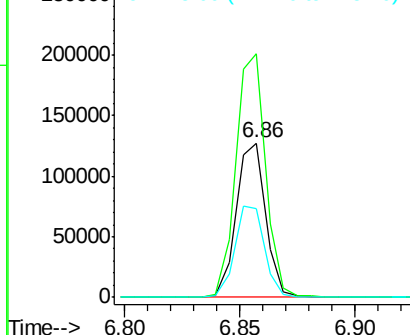
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.86 min Scan# 811
 Delta R.T. 0.01 min
 Lab File: BF099470.D
 Acq: 14 Oct 2017 6:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 113502
 Ion Ratio Lower Upper
 152 100
 150 157.5 124.6 186.8
 115 57.7 50.1 75.1

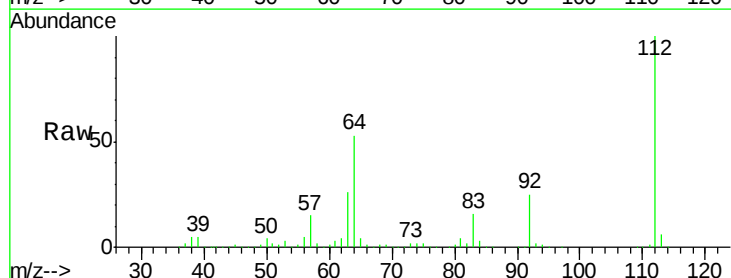


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

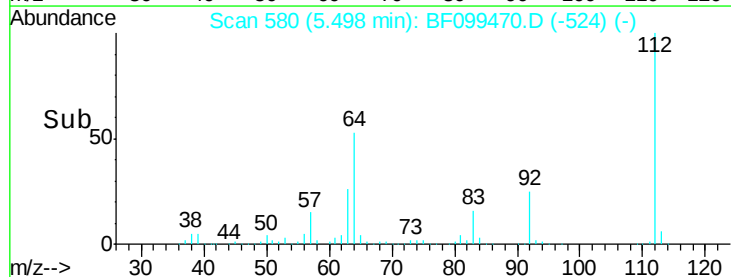
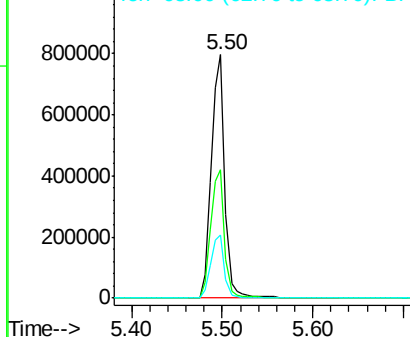


#5
 2-Fluorophenol
 Concen: 116.51 ng
 RT: 5.50 min Scan# 580
 Delta R.T. 0.03 min
 Lab File: BF099470.D
 Acq: 14 Oct 2017 6:01

Tgt Ion:112 Resp: 830704
 Ion Ratio Lower Upper
 112 100
 64 52.8 47.9 71.9
 63 25.9 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: 102.13 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF099470.D

Acq: 14 Oct 2017 6:01

Instrument :

BNA_F

ClientSampled :

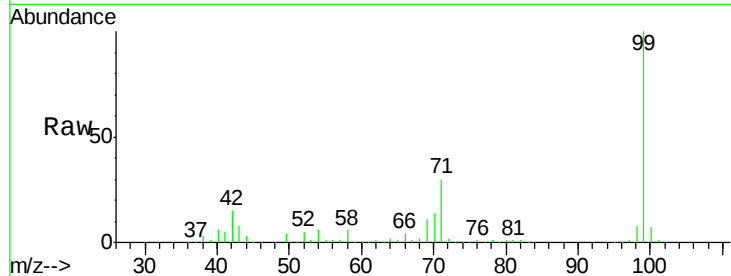
Tot Ion: 99 Resp: 898326

Ion Ratio Lower Upper

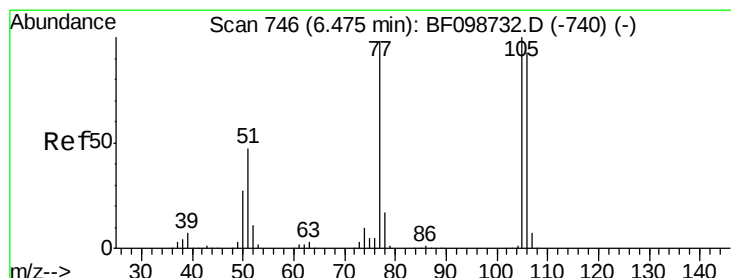
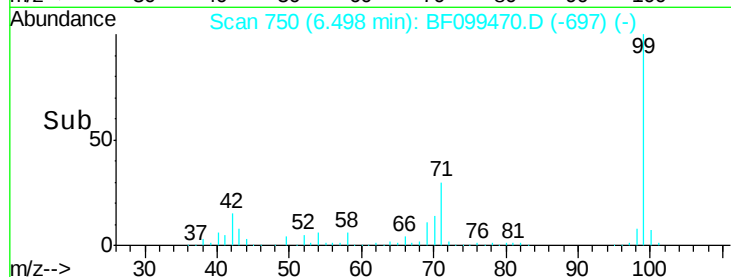
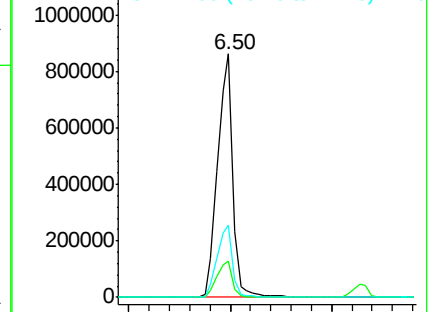
99 100

42 14.8 14.5 21.7

71 29.7 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: 3.29 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.22 min

Lab File: BF099470.D

Acq: 14 Oct 2017 6:01

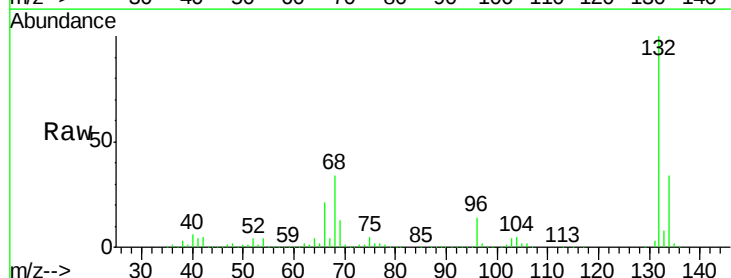
Tgt Ion: 77 Resp: 16793

Ion Ratio Lower Upper

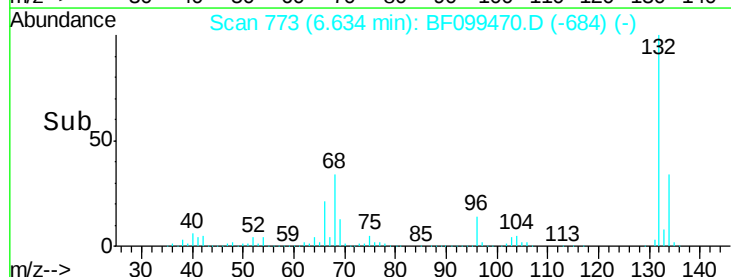
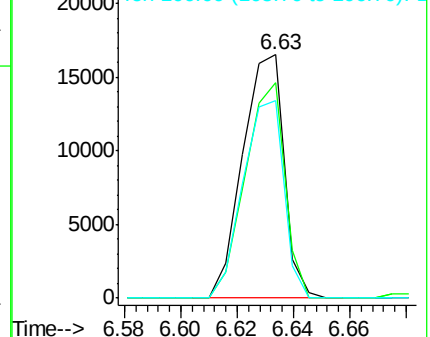
77 100

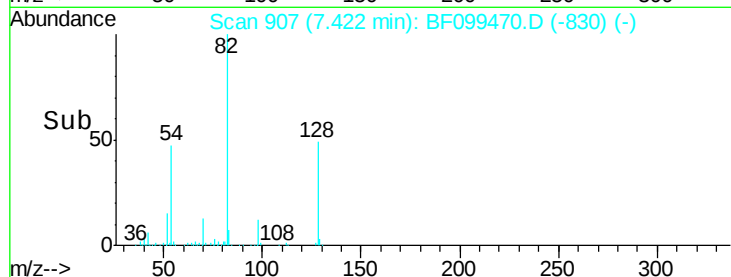
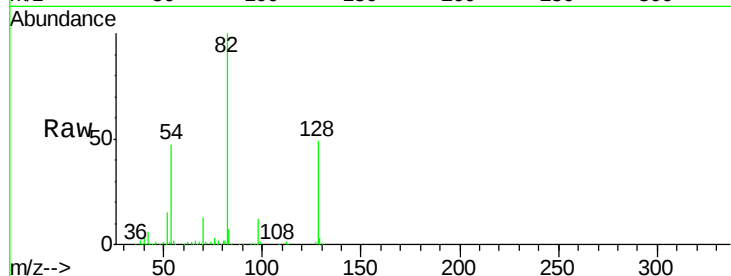
105 88.3 81.1 121.1

106 81.4 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: 14.56 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.15 min

Lab File: BF099470.D

Acq: 14 Oct 2017 6:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 81759

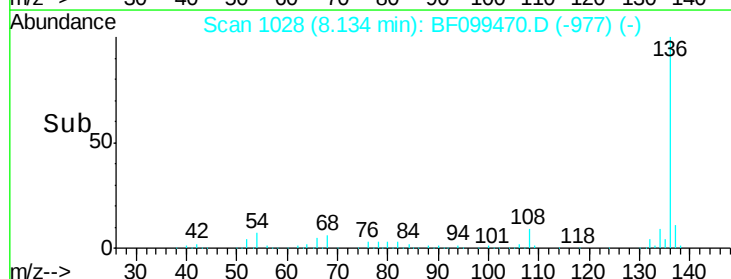
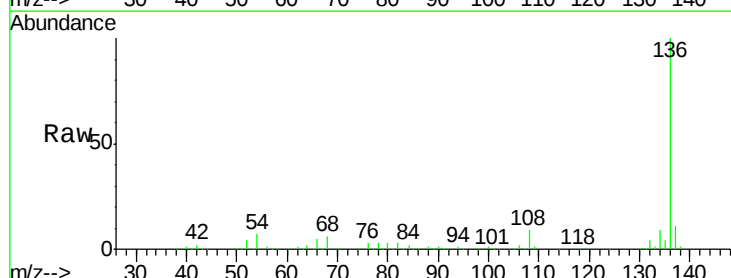
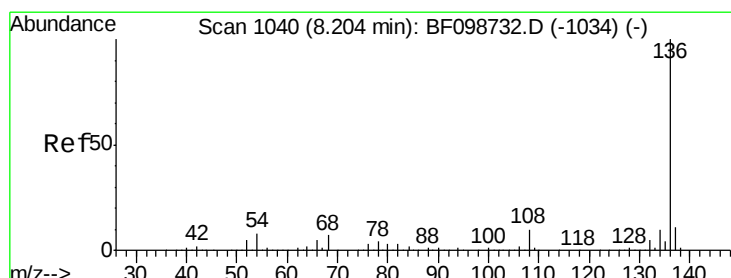
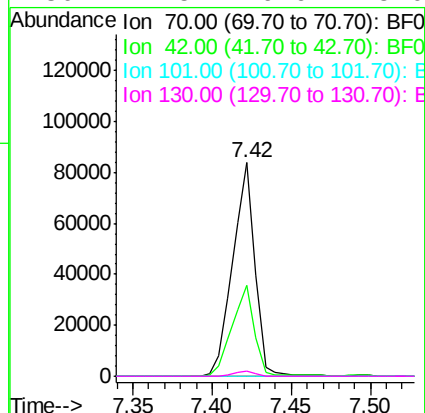
Ion Ratio Lower Upper

70 100

42 42.4 47.5 71.3#

101 0.0 7.4 11.2#

130 2.5 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: BF099470.D

Acq: 14 Oct 2017 6:01

Tgt Ion: 136 Resp: 449342

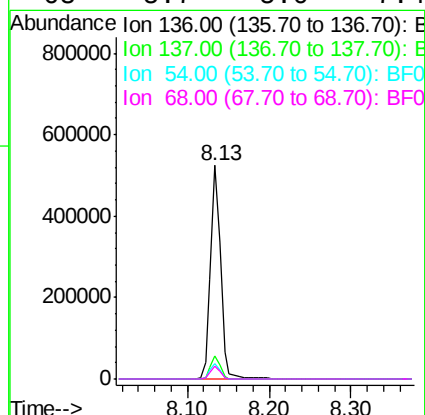
Ion Ratio Lower Upper

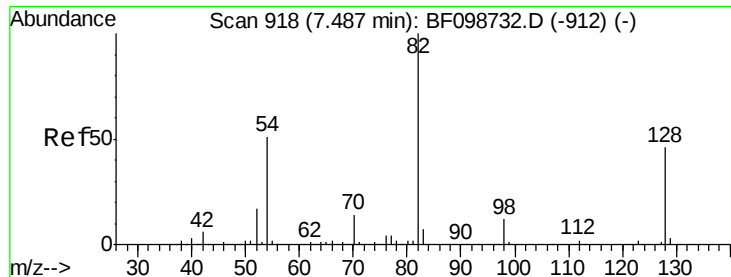
136 100

137 11.0 8.9 13.3

54 7.3 6.6 9.8

68 5.7 5.0 7.4

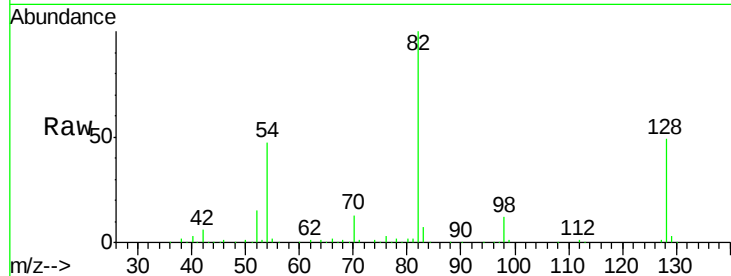




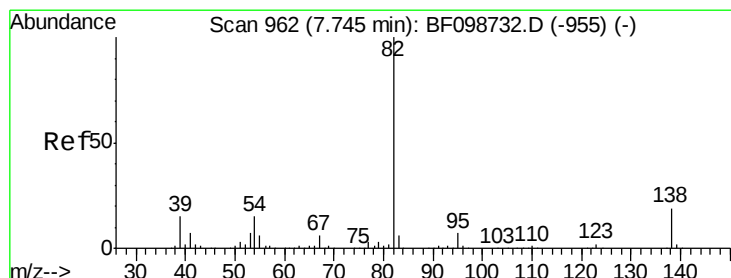
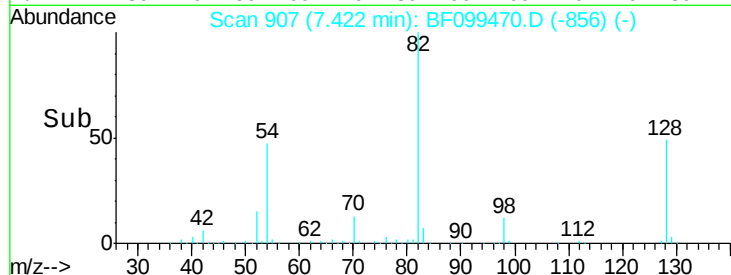
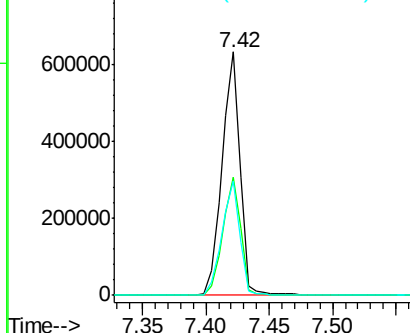
#23
Nitrobenzene-d5
Concen: 89.90 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: BF099470.D
Acq: 14 Oct 2017 6:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	629936
Ion Ratio	100	Lower	Upper
128	48.8	36.1	54.1
54	46.9	41.4	62.2

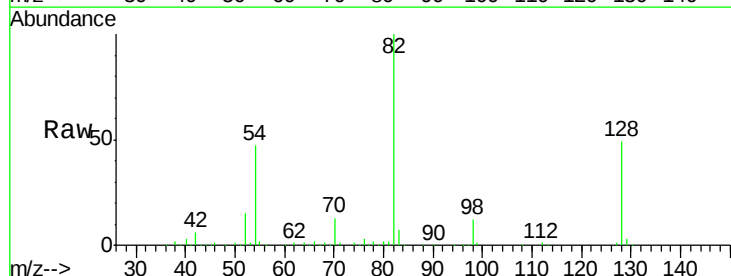


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

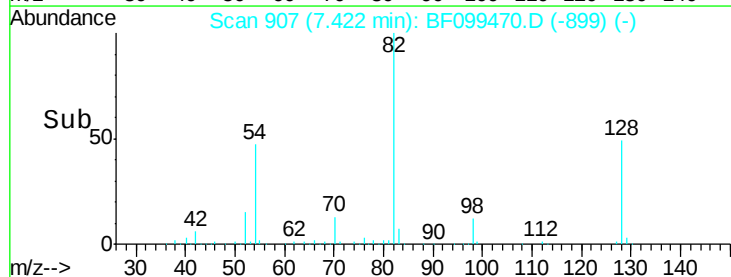
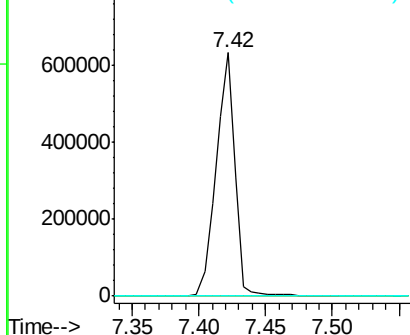


#25
Isophorone
Concen: 43.48 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.25 min
Lab File: BF099470.D
Acq: 14 Oct 2017 6:01

Tgt Ion	82	Resp	629926
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

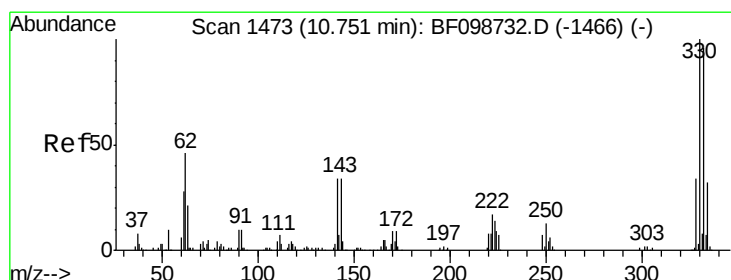
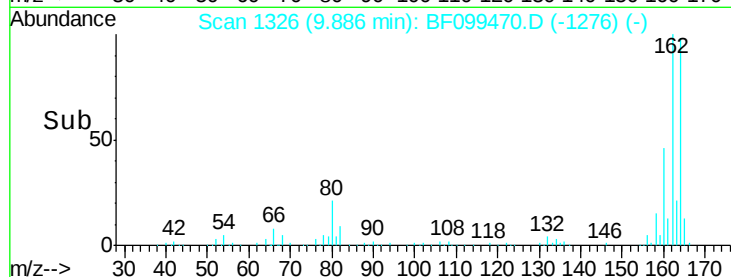
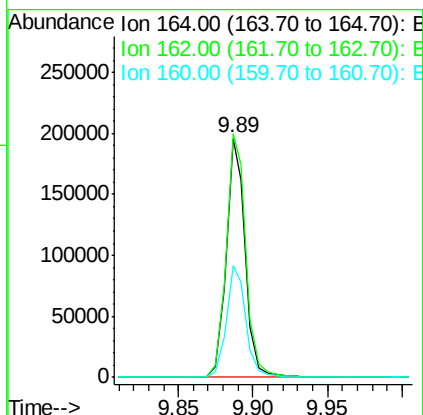
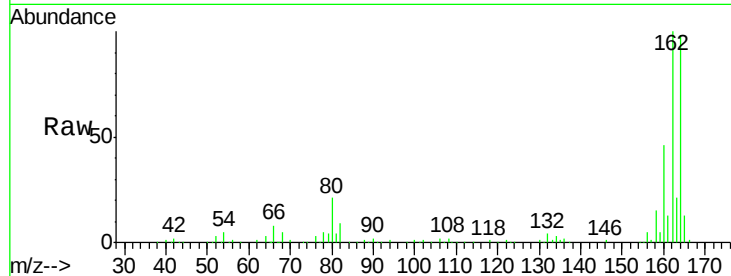




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF099470.D
Acq: 14 Oct 2017 6:01

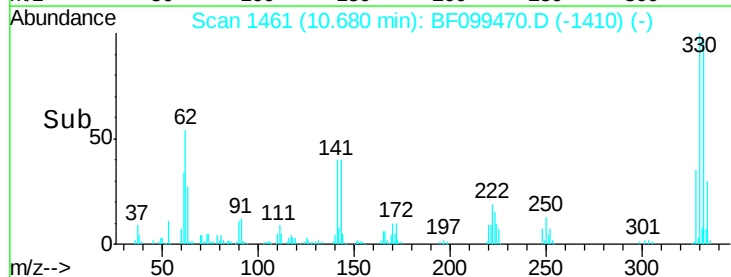
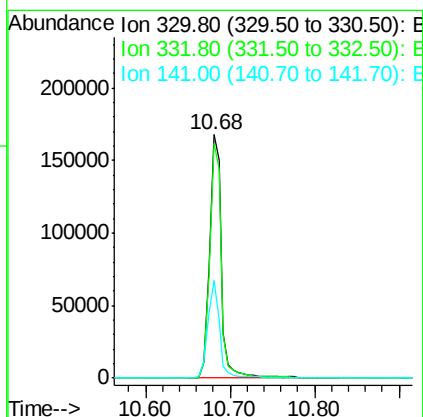
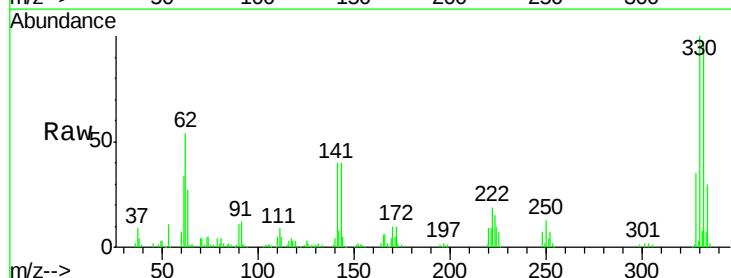
Instrument :
BNA_F
ClientSampleId :

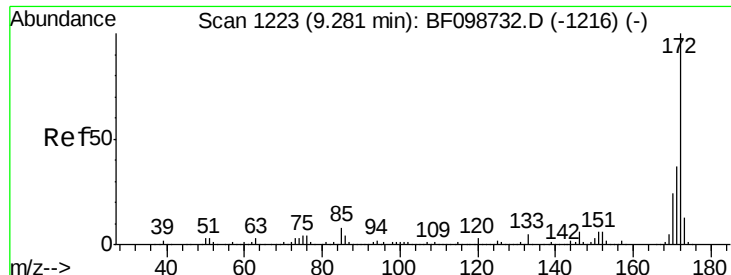
Tot Ion:164 Resp: 176933
Ion Ratio Lower Upper
164 100
162 101.9 86.1 129.1
160 46.5 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 114.93 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BF099470.D
Acq: 14 Oct 2017 6:01

Tgt Ion:330 Resp: 166396
Ion Ratio Lower Upper
330 100
332 95.8 77.0 115.6
141 39.5 29.9 44.9



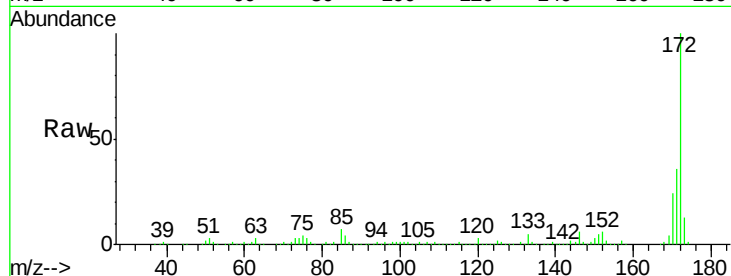


#44
 2-Fluorobiphenyl
 Concen: 103.09 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF099470.D
 Acq: 14 Oct 2017 6:01

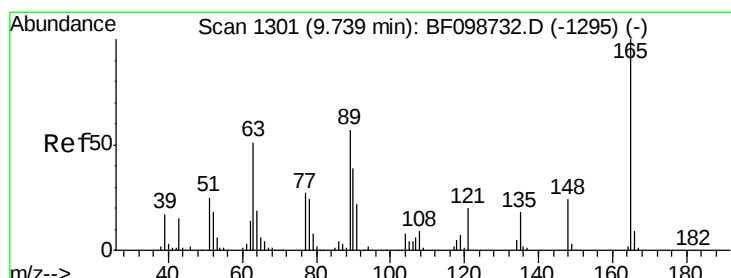
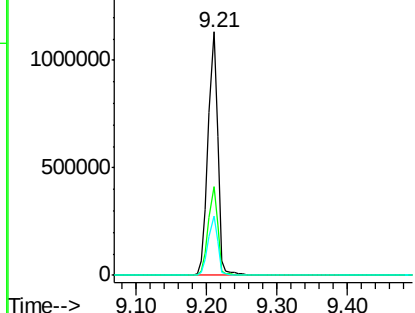
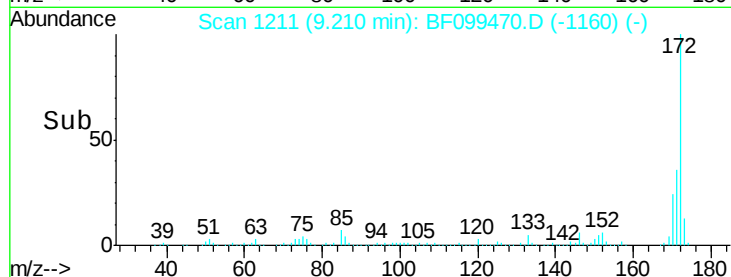
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1092586

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.3	19.6	29.4



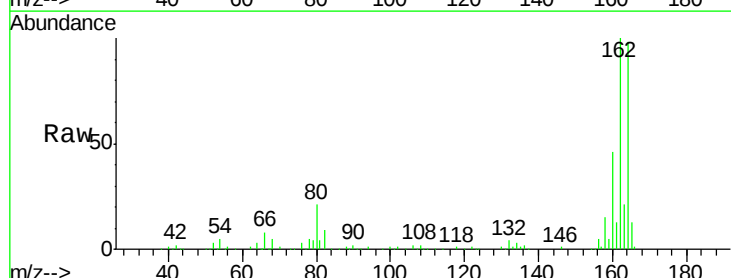
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



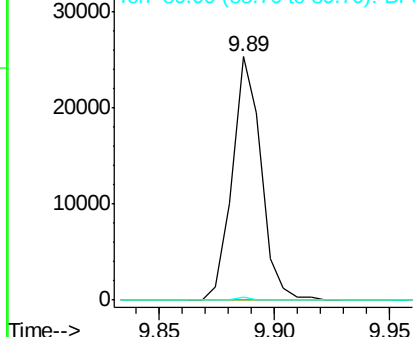
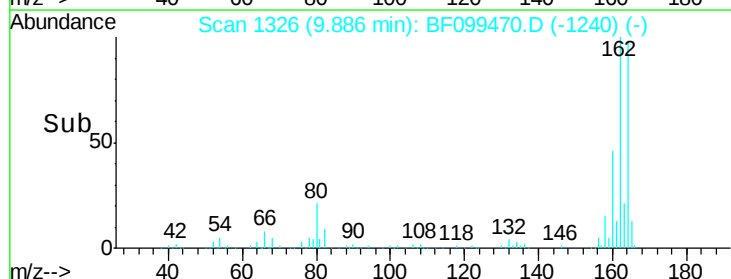
#50
 2,6-Dinitrotoluene
 Concen: 7.60 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.21 min
 Lab File: BF099470.D
 Acq: 14 Oct 2017 6:01

Tgt Ion:165 Resp: 22098

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.5	44.0	66.0#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

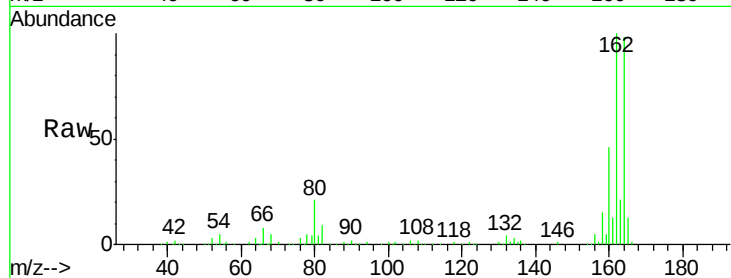




#56
 2,4-Dinitrotoluene
 Concen: 5.86 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.20 min
 Lab File: BF099470.D
 Acq: 14 Oct 2017 6:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	22098
Ion Ratio	Lower	Upper
165	100	
63	0.0	36.4 54.6#
89	1.5	57.8 86.6#
182	0.0	1.6 2.4#

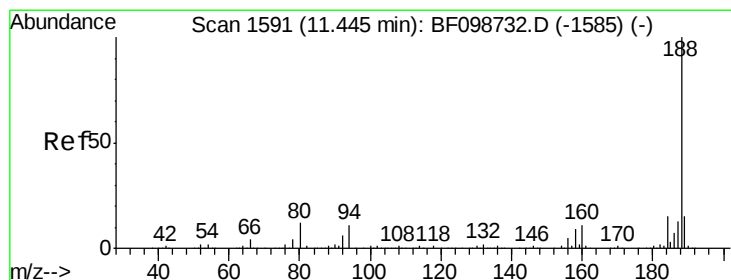
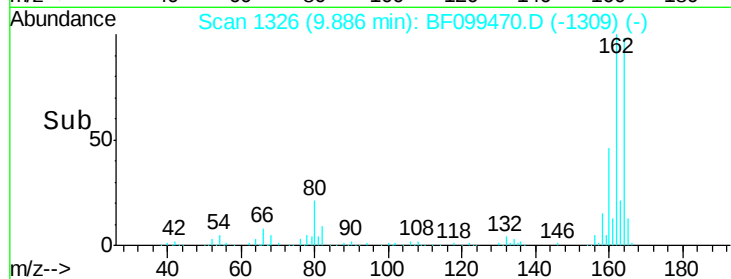
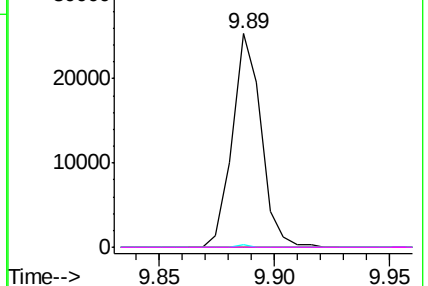


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

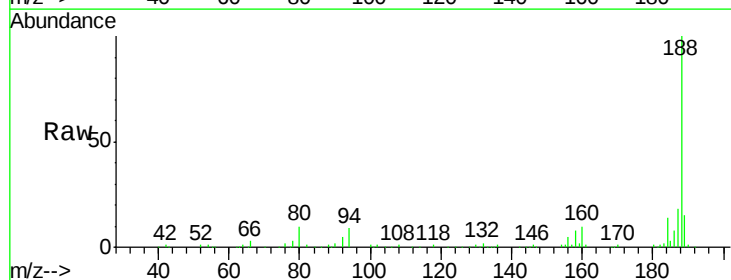
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. 0.01 min
 Lab File: BF099470.D
 Acq: 14 Oct 2017 6:01

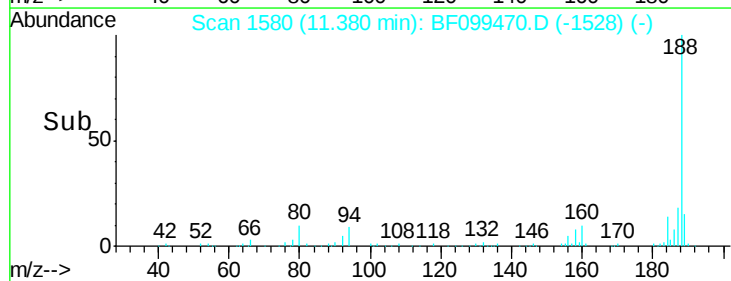
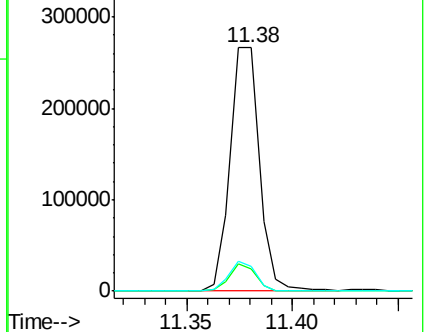
Tgt Ion:188	Resp:	255375
Ion Ratio	Lower	Upper
188	100	
94	9.2	8.5 12.7
80	10.2	9.2 13.8



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

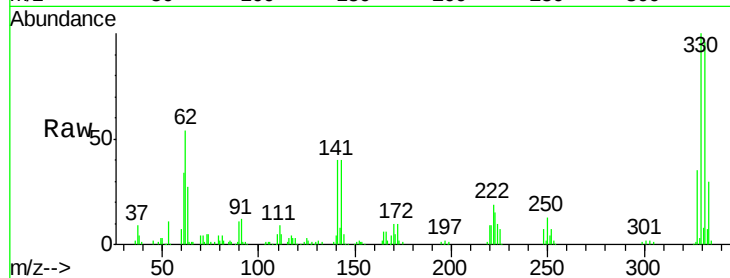




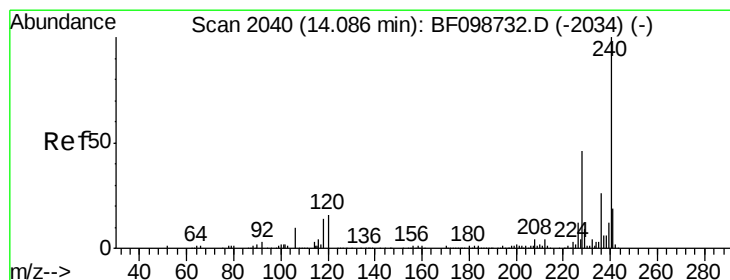
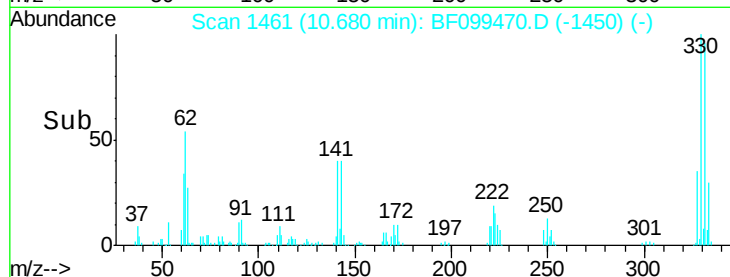
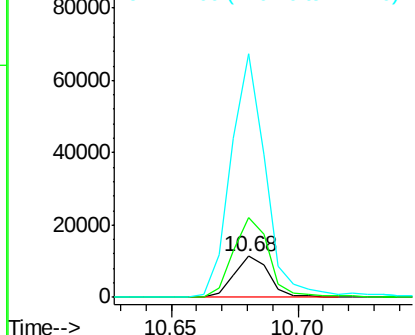
#66
4-Bromophenyl-phenylether
Concen: 4.34 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.24 min
Lab File: BF099470.D
Acq: 14 Oct 2017 6:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 10847
Ion Ratio Lower Upper
248 100
250 194.2 76.9 115.3#
141 594.5 74.4 111.6#

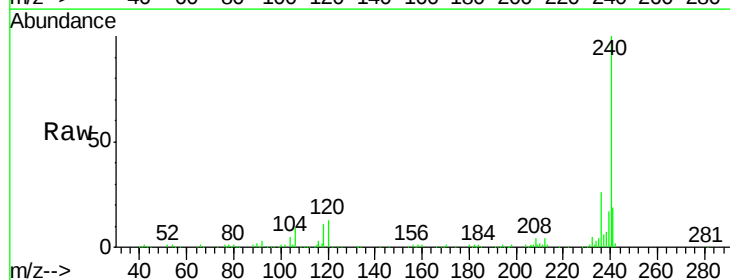


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

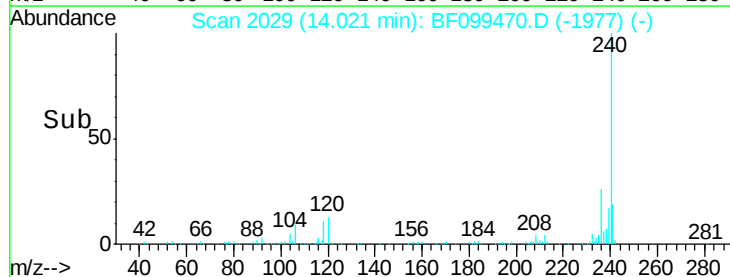
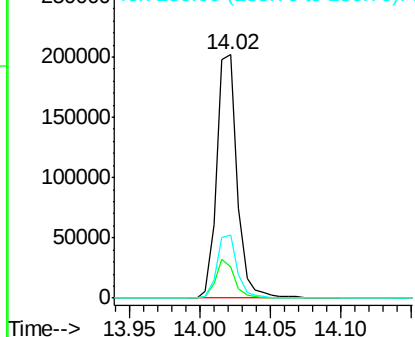


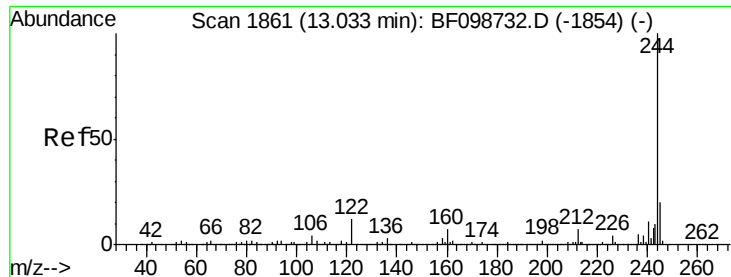
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BF099470.D
Acq: 14 Oct 2017 6:01

Tgt Ion:240 Resp: 204342
Ion Ratio Lower Upper
240 100
120 13.0 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

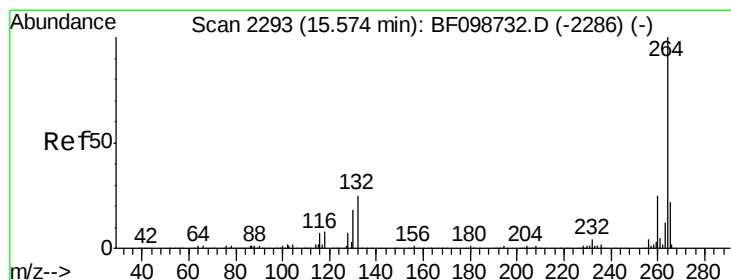
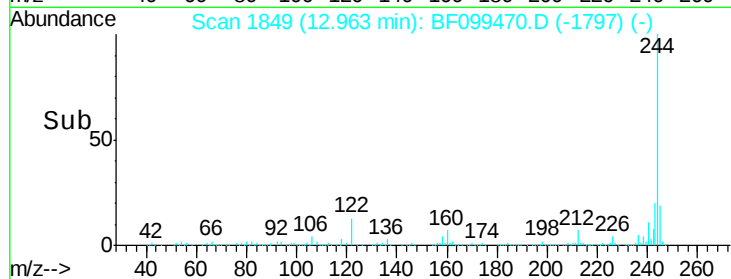
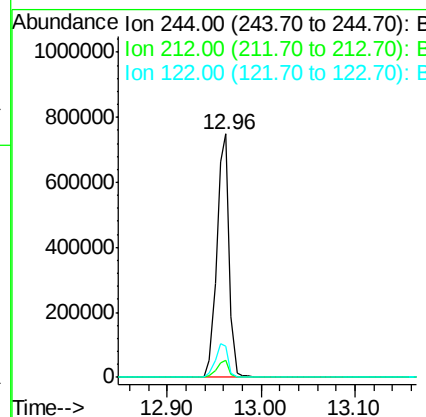
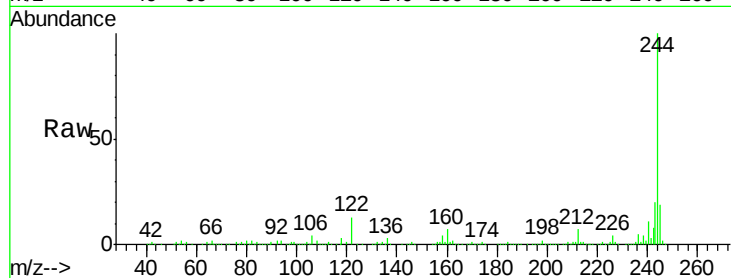




#78
 Terphenyl-d14
 Concen: 77.53 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. 0.01 min
 Lab File: BF099470.D
 Acq: 14 Oct 2017 6:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 696651
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 12.7 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.01 min
 Lab File: BF099470.D
 Acq: 14 Oct 2017 6:01

Tgt Ion:264 Resp: 215719
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 20.8 17.5 26.3

