

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101317\
 Data File : BF099459.D
 Acq On : 14 Oct 2017 00:25
 Operator : SJ/JU
 Sample : I5819-10
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 14 00:54:31 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

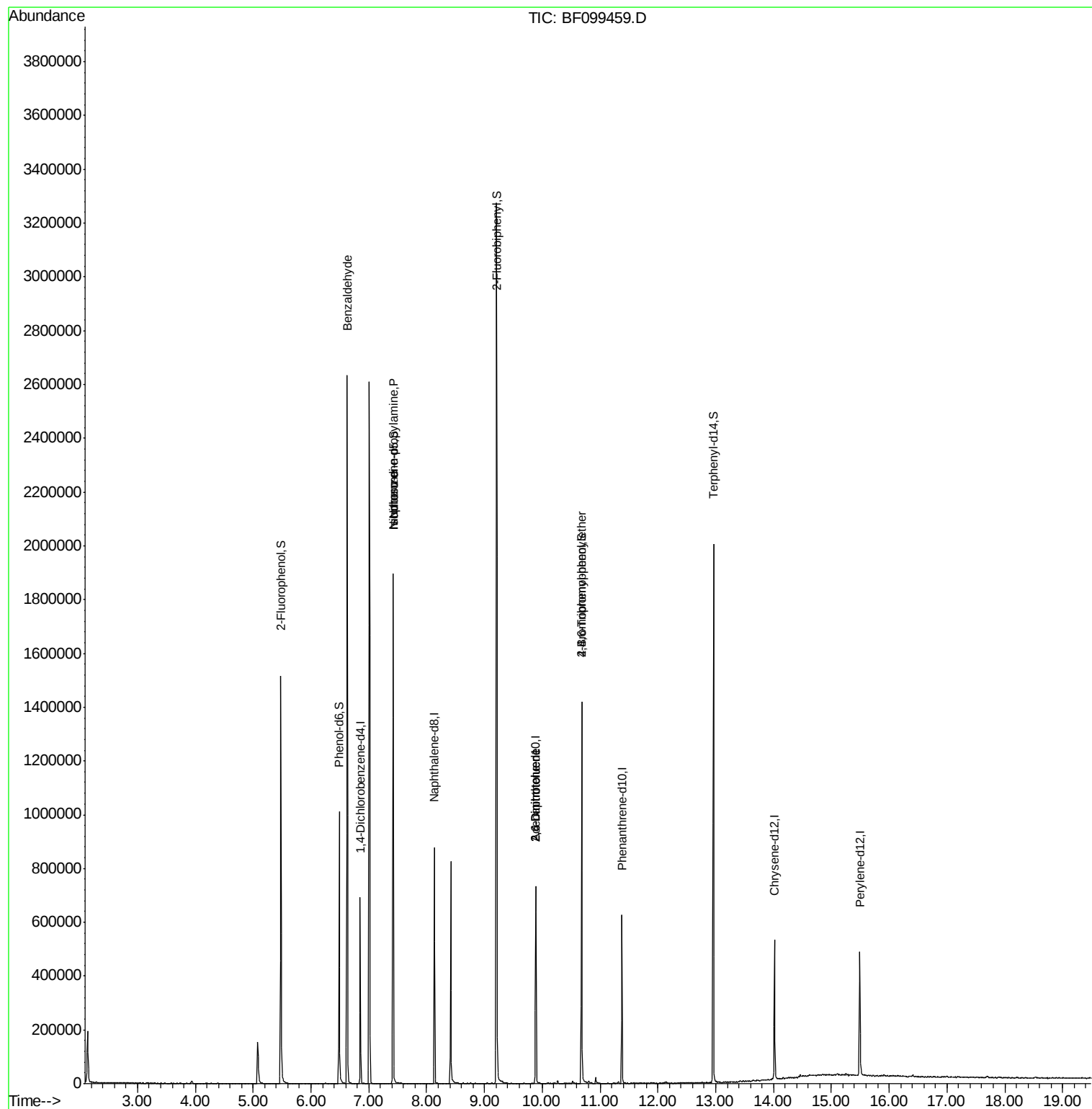
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	99011	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	377904	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	145345	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	210002	20.00	ng	0.00
75) Chrysene-d12	14.02	240	172712	20.00	ng	0.00
86) Perylene-d12	15.49	264	197908	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	470675	75.68	ng	0.01
7) Phenol-d6	6.49	99	343674	44.79	ng	0.00
23) Nitrobenzene-d5	7.42	82	647844	109.94	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	163854	137.77	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1080472	124.10	ng	0.00
78) Terphenyl-d14	12.96	244	686811	90.44	ng	0.00
Target Compounds						
9) Benzaldehyde	6.63	77	15022	3.38	ng	89
19) n-Nitroso-di-n-propylamine	7.42	70	83306	17.01	ng	# 73
25) Isophorone	7.42	82	647839	53.17	ng	# 64
50) 2,6-Dinitrotoluene	9.89	165	18859	7.90	ng	# 25
56) 2,4-Dinitrotoluene	9.89	165	18859	6.08	ng	# 23
66) 4-Bromophenyl-phenylether	10.68	248	10655	5.18	ng	# 1

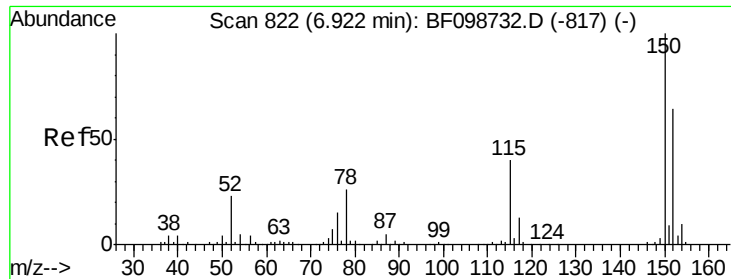
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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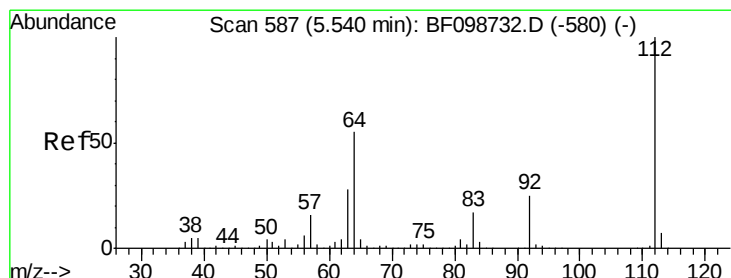
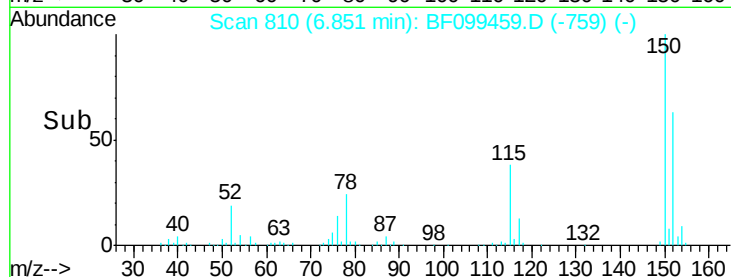
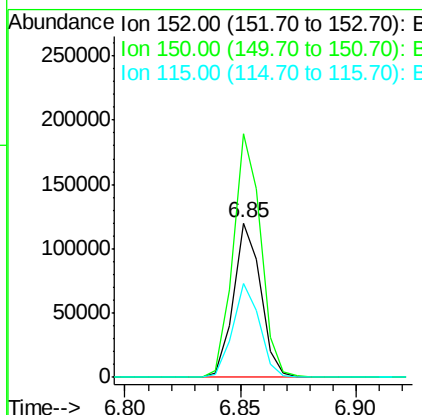
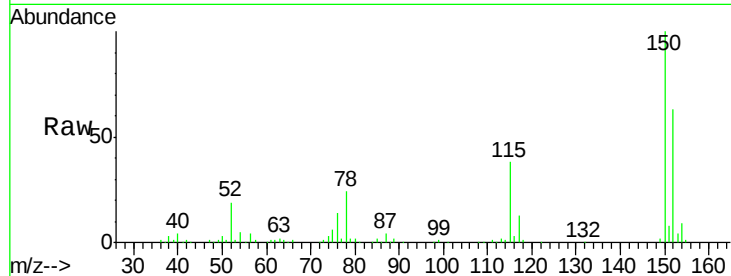


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF099459.D
 Acq: 14 Oct 2017 00:25

Instrument :
 BNA_F
 ClientSampleId :

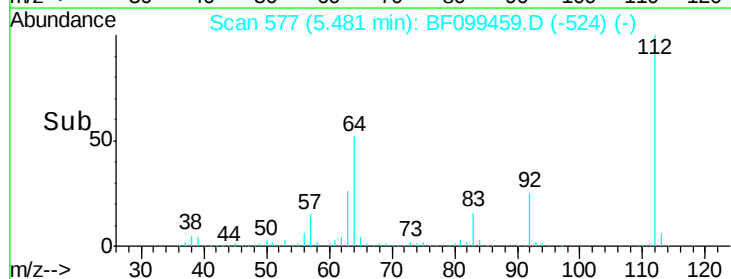
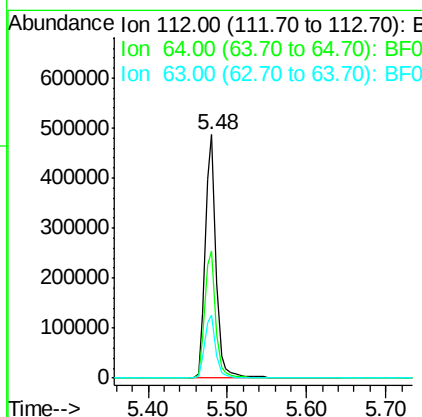
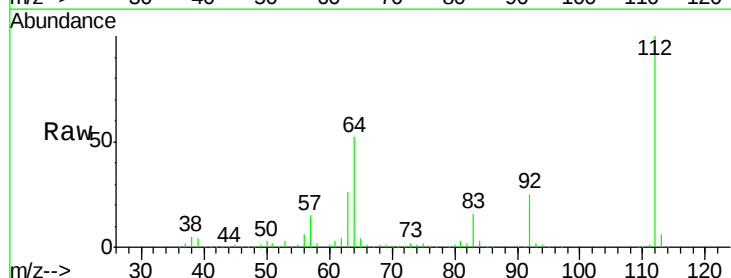
Tot Ion:152 Resp: 99011
 Ion Ratio Lower Upper
 152 100
 150 157.5 124.6 186.8
 115 60.6 50.1 75.1



#5

2-Fluorophenol
 Concen: 75.68 ng
 RT: 5.48 min Scan# 577
 Delta R.T. 0.01 min
 Lab File: BF099459.D
 Acq: 14 Oct 2017 00:25

Tgt Ion:112 Resp: 470675
 Ion Ratio Lower Upper
 112 100
 64 52.5 47.9 71.9
 63 26.0 23.7 35.5





#7

Phenol-d6

Concen: 44.79 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF099459.D

Acq: 14 Oct 2017 00:25

Instrument :

BNA_F

ClientSampleId :

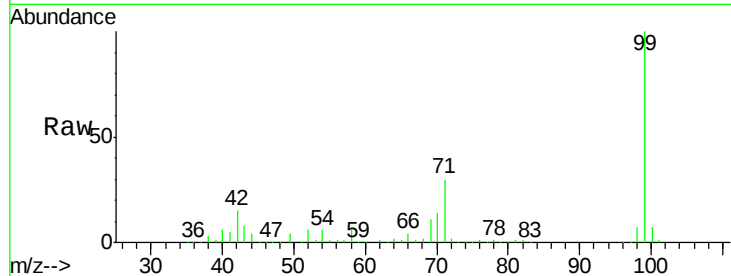
Tot Ion: 99 Resp: 343674

Ion Ratio Lower Upper

99 100

42 15.3 14.5 21.7

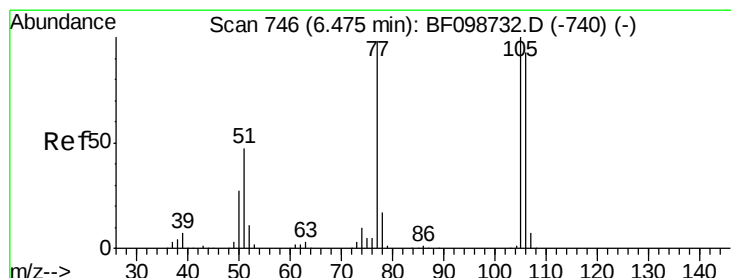
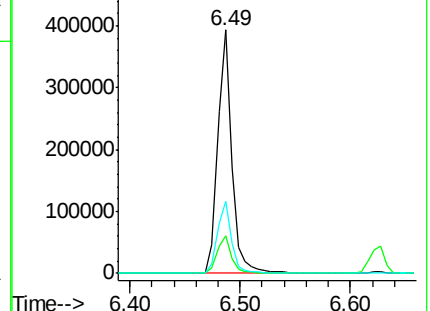
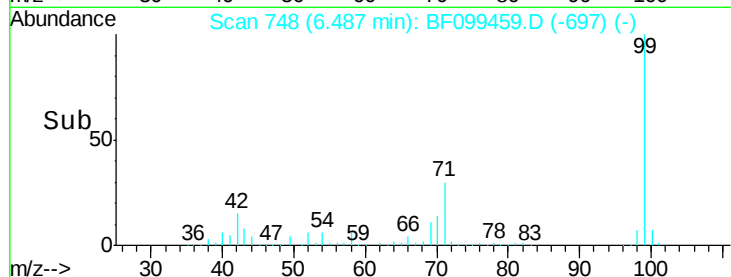
71 29.7 25.4 38.0



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: 3.38 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.22 min

Lab File: BF099459.D

Acq: 14 Oct 2017 00:25

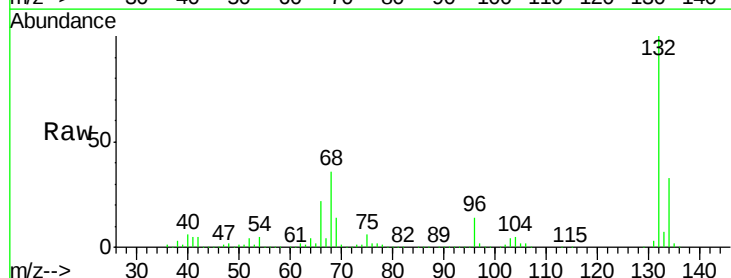
Tgt Ion: 77 Resp: 15022

Ion Ratio Lower Upper

77 100

105 82.7 81.1 121.1

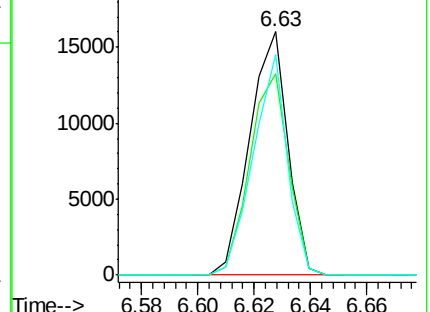
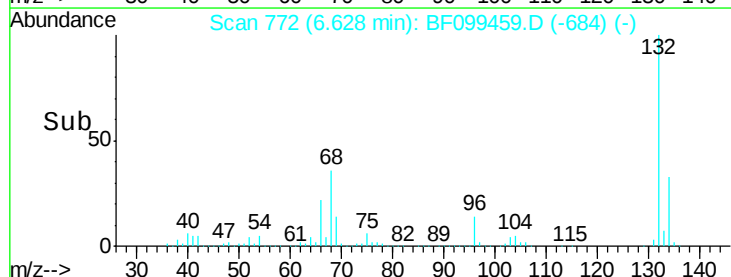
106 90.7 74.5 114.5

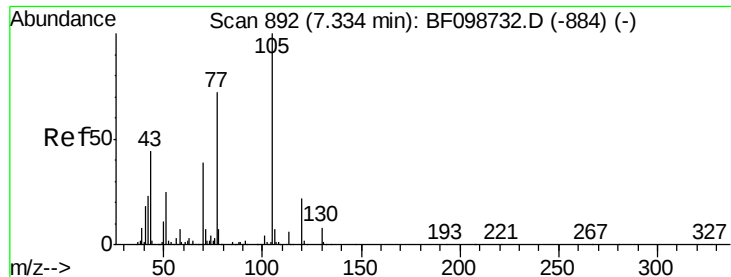


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

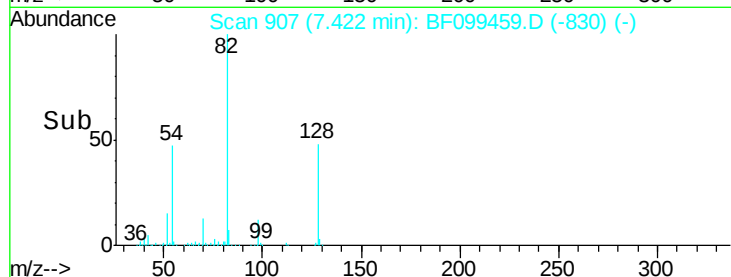
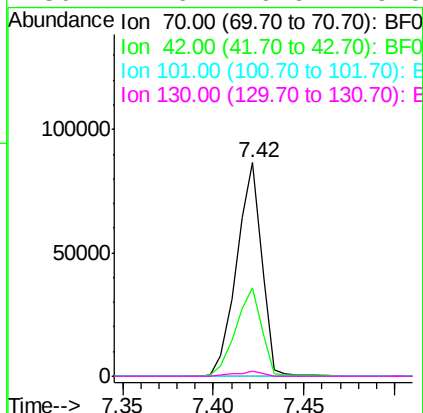
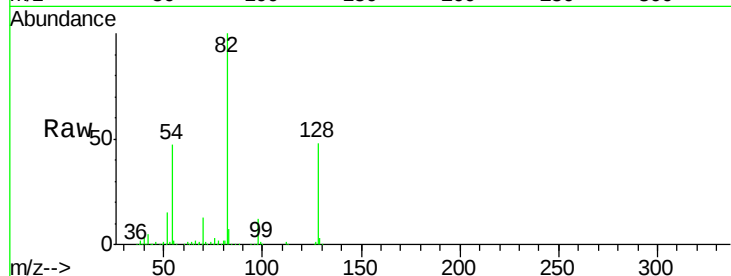




#19
n-Nitroso-di-n-propylamine
Concen: 17.01 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.15 min
Lab File: BF099459.D
Acq: 14 Oct 2017 00:25

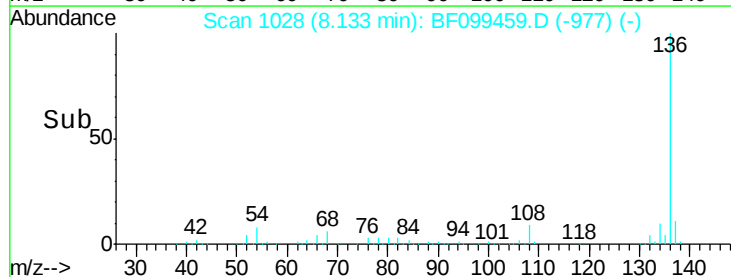
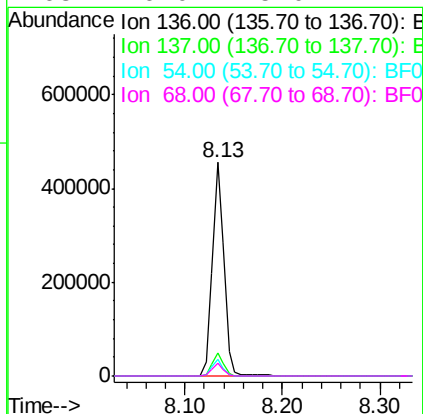
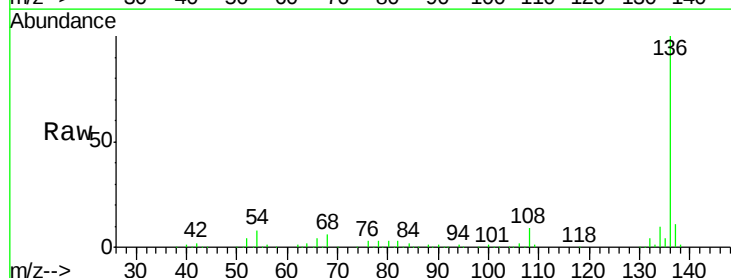
Instrument :
BNA_F
ClientSampleId :

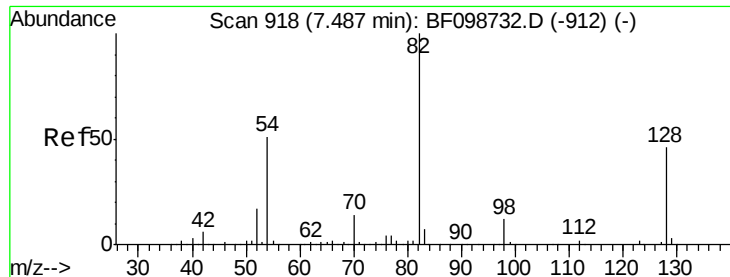
Tot Ion: 70 Resp: 83306
Ion Ratio Lower Upper
70 100
42 41.6 47.5 71.3#
101 0.0 7.4 11.2#
130 2.6 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF099459.D
Acq: 14 Oct 2017 00:25

Tgt Ion:136 Resp: 377904
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.5 6.6 9.8
68 6.0 5.0 7.4

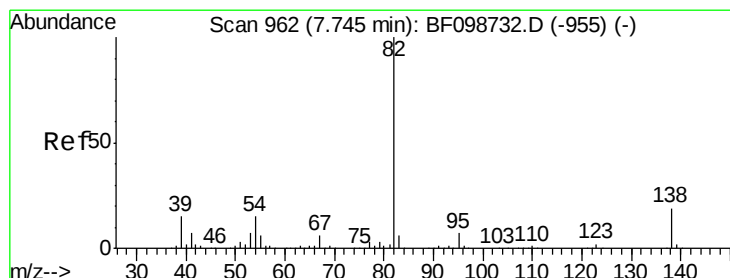
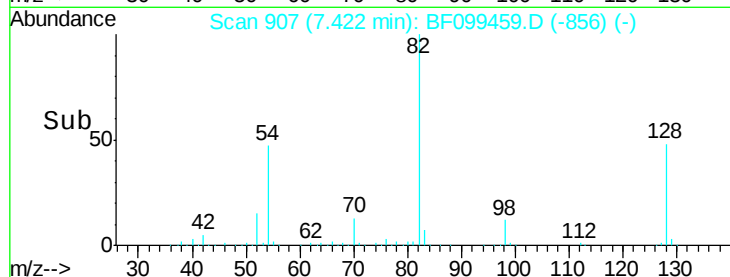
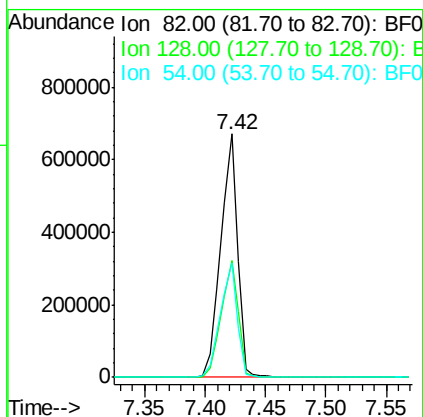
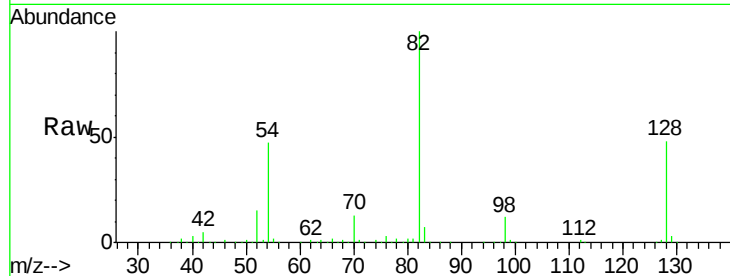




#23
 Nitrobenzene-d5
 Concen: 109.94 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: BF099459.D
 Acq: 14 Oct 2017 00:25

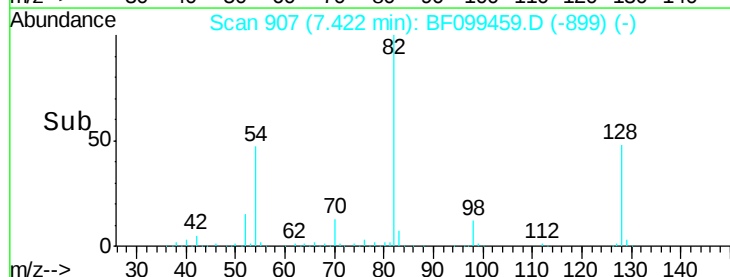
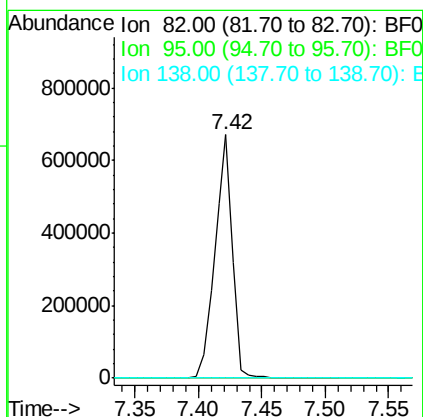
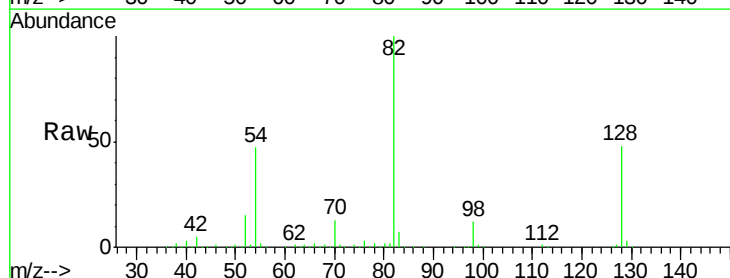
Instrument :
 BNA_F
 ClientSampled :

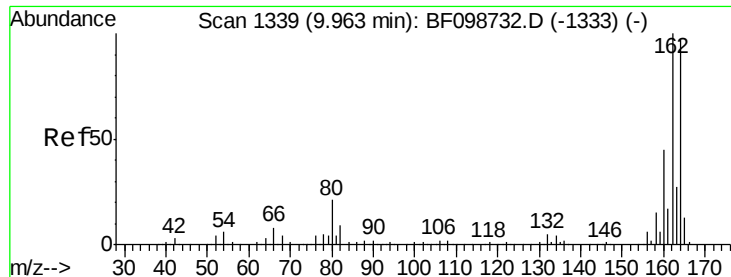
Tot Ion: 82 Resp: 647844
 Ion Ratio Lower Upper
 82 100
 128 48.0 36.1 54.1
 54 46.9 41.4 62.2



#25
 Isophorone
 Concen: 53.17 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.25 min
 Lab File: BF099459.D
 Acq: 14 Oct 2017 00:25

Tgt Ion: 82 Resp: 647839
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#

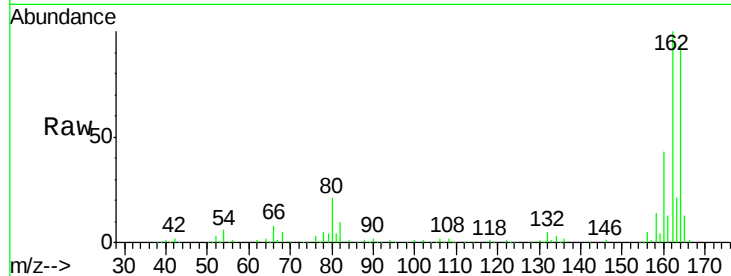




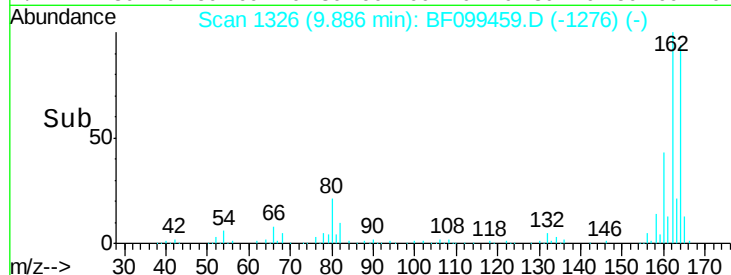
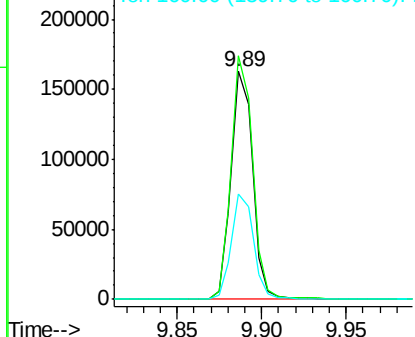
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF099459.D
 Acq: 14 Oct 2017 00:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 145345
 Ion Ratio Lower Upper
 164 100
 162 106.9 86.1 129.1
 160 46.3 38.3 57.5

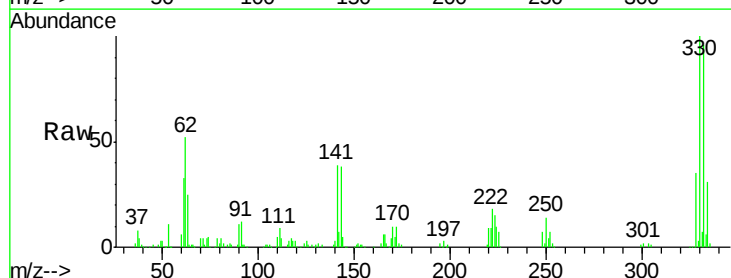


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

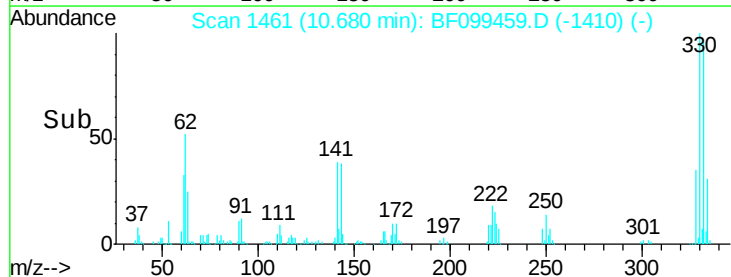
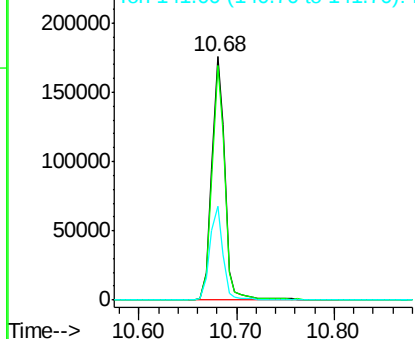


#41
 2,4,6-Tribromophenol
 Concen: 137.77 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: BF099459.D
 Acq: 14 Oct 2017 00:25

Tgt Ion:330 Resp: 163854
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.0 115.6
 141 39.1 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

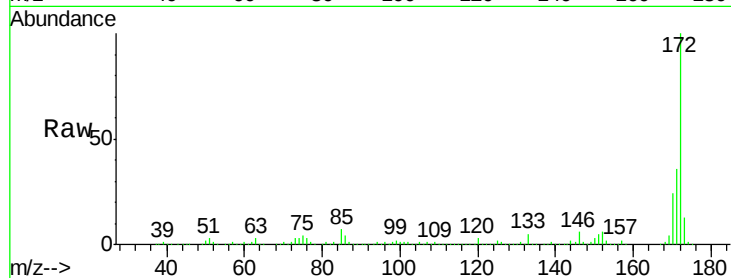




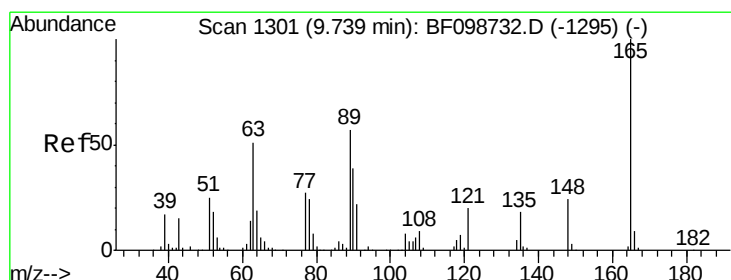
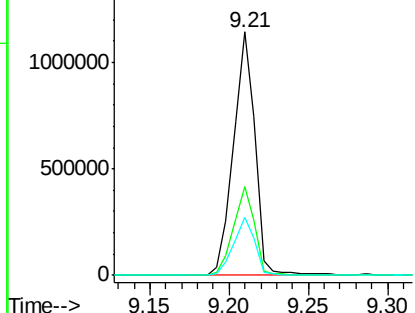
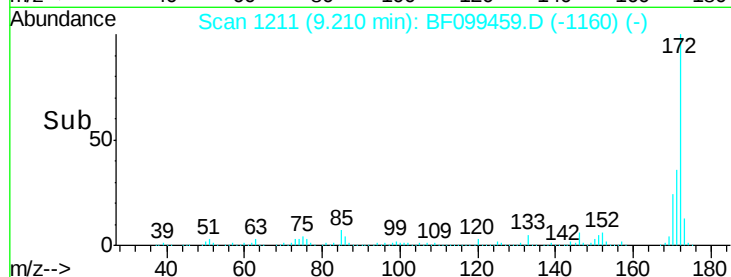
#44
 2-Fluorobiphenyl
 Concen: 124.10 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF099459.D
 Acq: 14 Oct 2017 00:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1080472
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 23.6 19.6 29.4

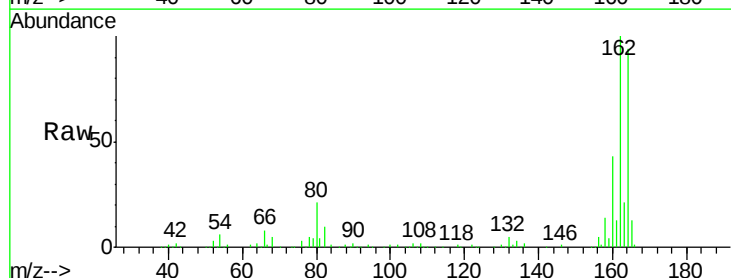


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

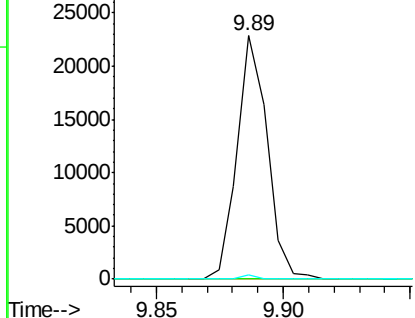
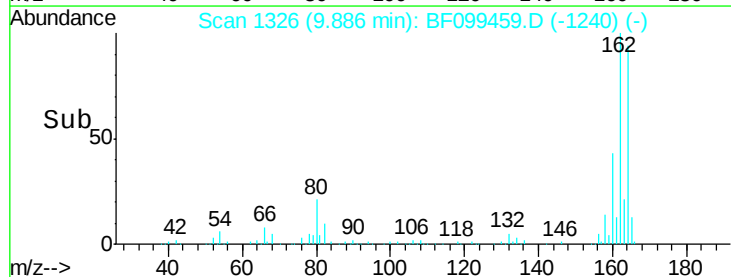


#50
 2,6-Dinitrotoluene
 Concen: 7.90 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.21 min
 Lab File: BF099459.D
 Acq: 14 Oct 2017 00:25

Tgt Ion:165 Resp: 18859
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 1.6 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

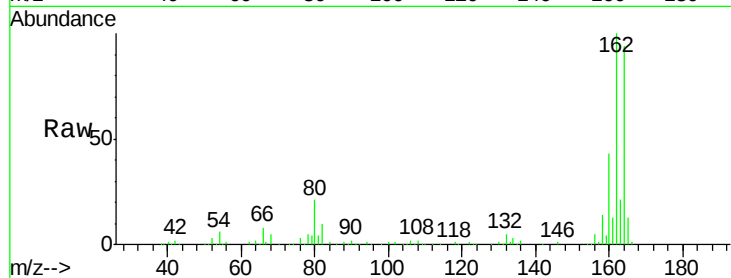




#56
2,4-Dinitrotoluene
Concen: 6.08 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.20 min
Lab File: BF099459.D
Acq: 14 Oct 2017 00:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165	Resp:	18859
Ion Ratio	Lower	Upper
165	100	
63	0.0	36.4 54.6#
89	1.6	57.8 86.6#
182	0.0	1.6 2.4#

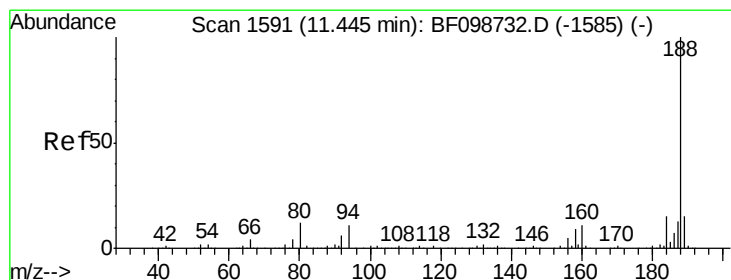
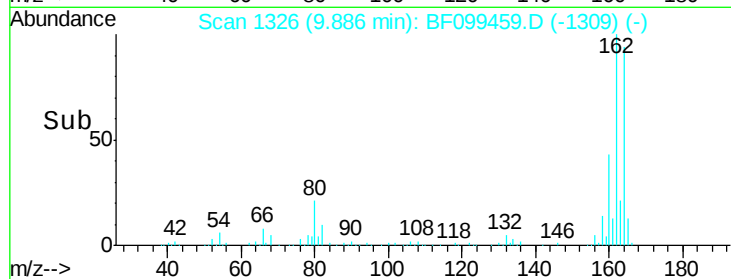
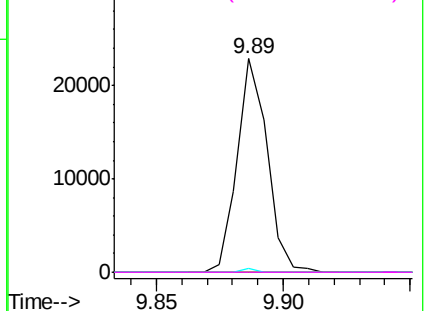


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

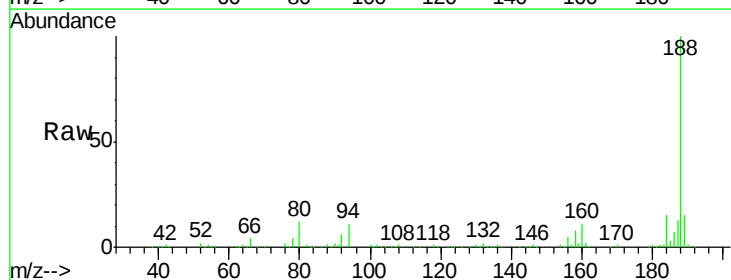
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.00 min
Lab File: BF099459.D
Acq: 14 Oct 2017 00:25

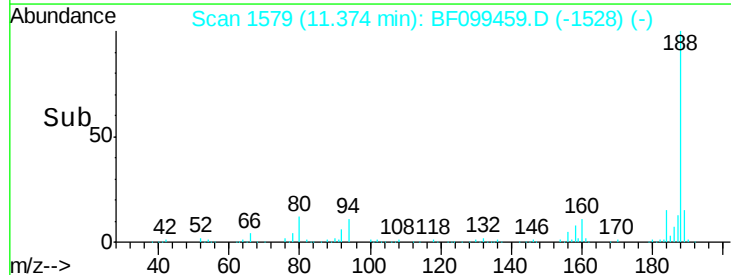
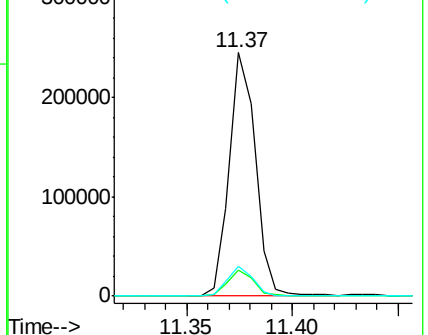
Tgt Ion:188	Resp:	210002
Ion Ratio	Lower	Upper
188	100	
94	10.8	8.5 12.7
80	12.3	9.2 13.8



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

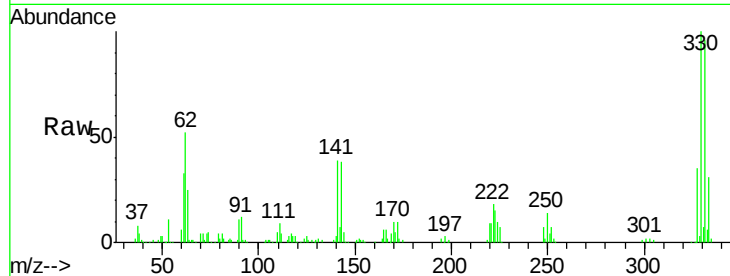




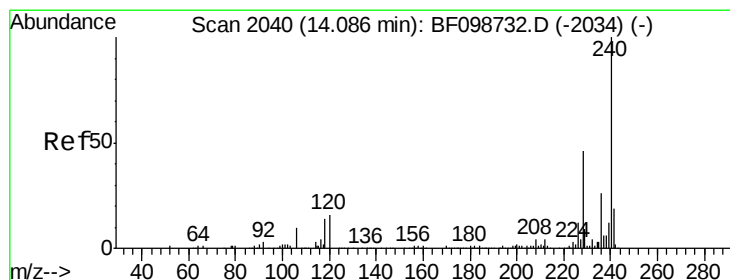
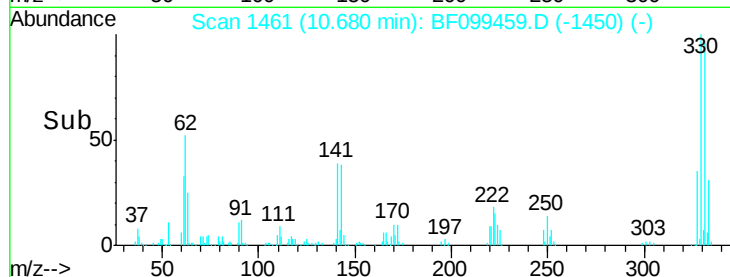
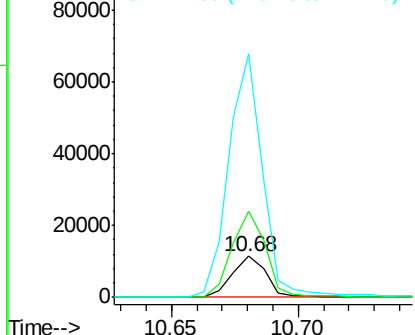
#66
4-Bromophenyl-phenylether
Concen: 5.18 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.24 min
Lab File: BF099459.D
Acq: 14 Oct 2017 00:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 10655
Ion Ratio Lower Upper
248 100
250 210.1 76.9 115.3#
141 590.5 74.4 111.6#

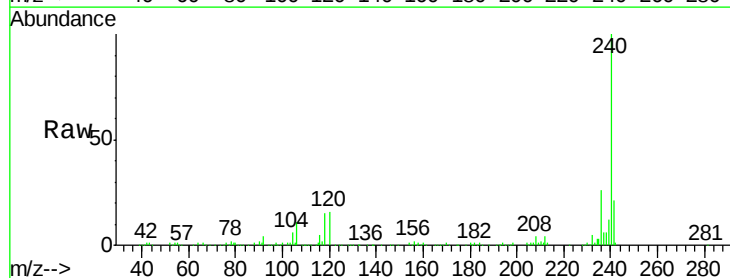


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

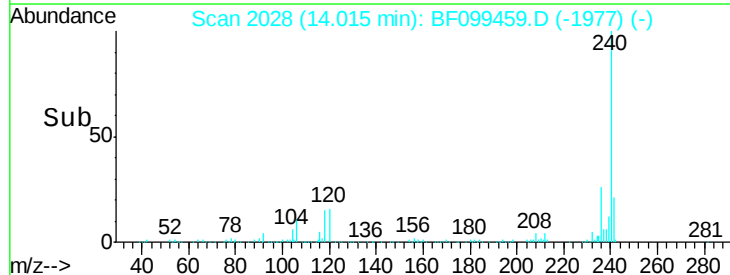
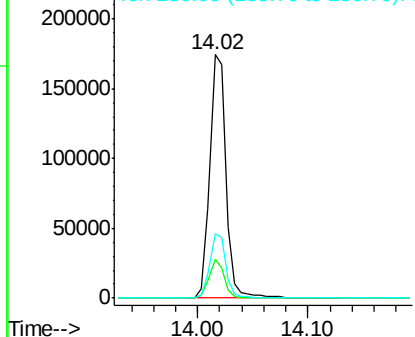


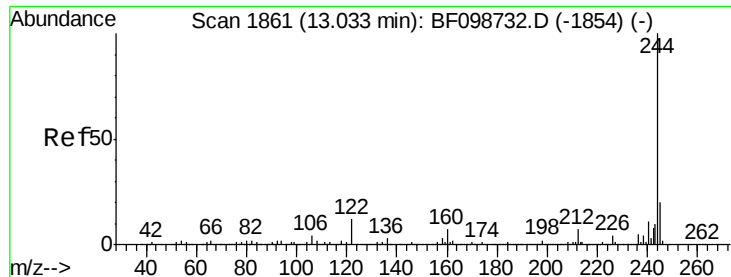
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BF099459.D
Acq: 14 Oct 2017 00:25

Tgt Ion:240 Resp: 172712
Ion Ratio Lower Upper
240 100
120 15.8 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

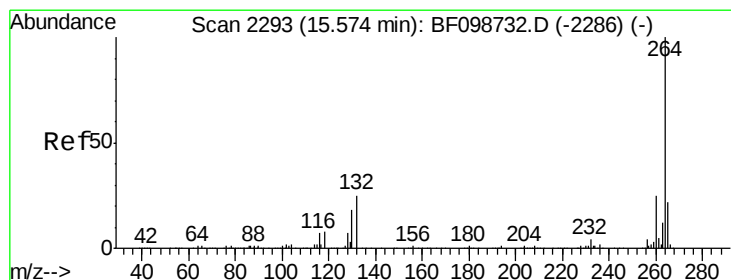
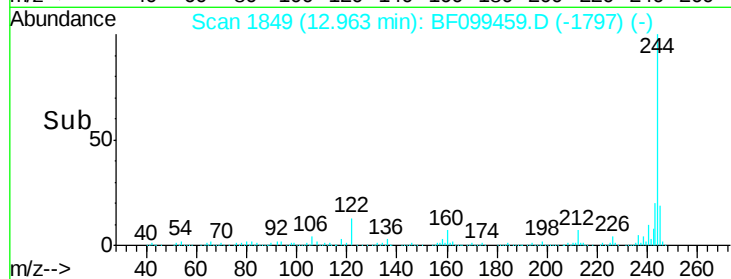
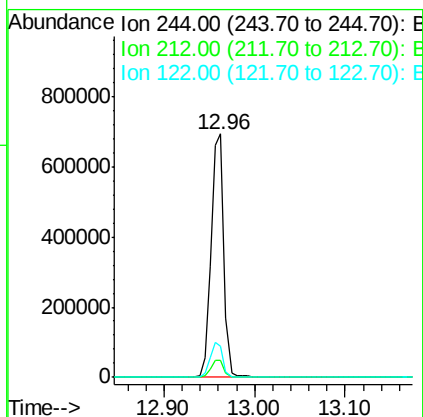
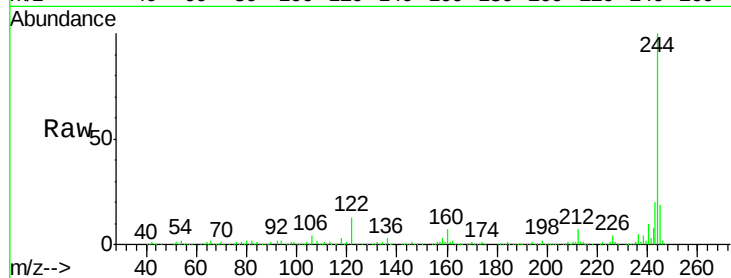




#78
 Terphenyl-d14
 Concen: 90.44 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. 0.01 min
 Lab File: BF099459.D
 Acq: 14 Oct 2017 00:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 686811
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 12.6 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: BF099459.D
 Acq: 14 Oct 2017 00:25

Tgt Ion:264 Resp: 197908
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.3 17.5 26.3

