

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100917\
 Data File : BF099270.D
 Acq On : 9 Oct 2017 18:51
 Operator : SJ/JU
 Sample : I5651-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 10 01:11:55 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

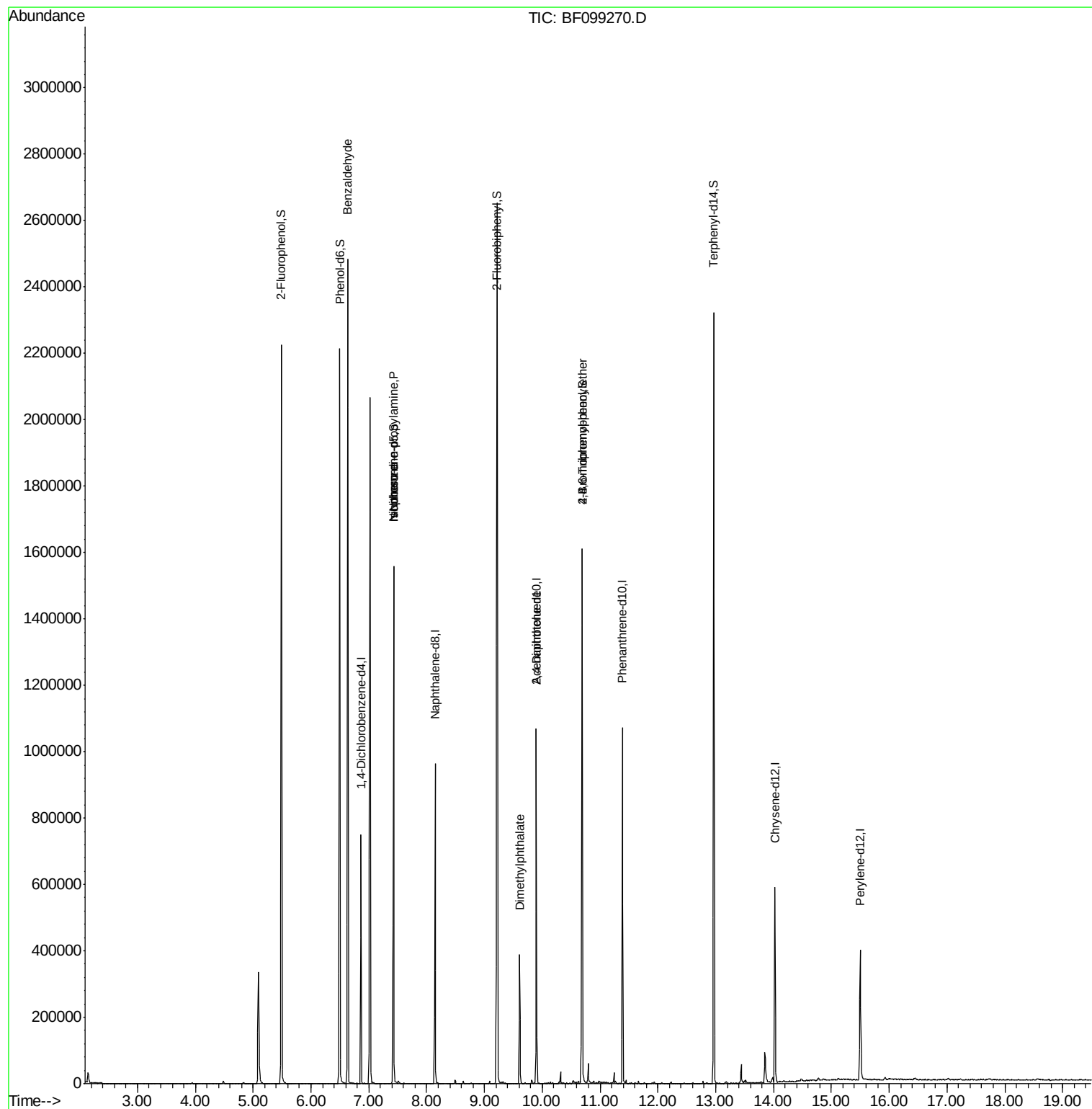
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	104992	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	437932	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	200087	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	345360	20.00	ng	0.00
75) Chrysene-d12	14.03	240	201443	20.00	ng	0.00
86) Perylene-d12	15.50	264	185750	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	726353	110.13	ng	0.00
7) Phenol-d6	6.50	99	880731	108.25	ng	0.00
23) Nitrobenzene-d5	7.43	82	521366	76.35	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	196259	119.87	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	919183	76.69	ng	-0.01
78) Terphenyl-d14	12.97	244	739290	83.46	ng	0.00
Target Compounds						
9) Benzaldehyde	6.63	77	14242	3.02	ng	Qvalue 88
19) n-Nitroso-di-n-propylamine	7.43	70	66072	12.72	ng	# 74
25) Isophorone	7.43	82	521355	36.93	ng	# 64
49) Dimethylphthalate	9.61	163	149119	9.87	ng	99
56) 2,4-Dinitrotoluene	9.90	165	25300	5.93	ng	# 23
66) 4-Bromophenyl-phenylether	10.69	248	13066	3.87	ng	# 1

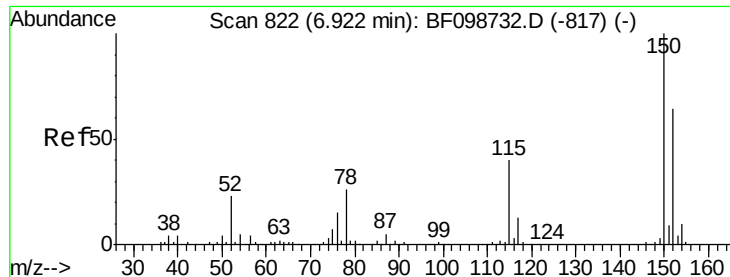
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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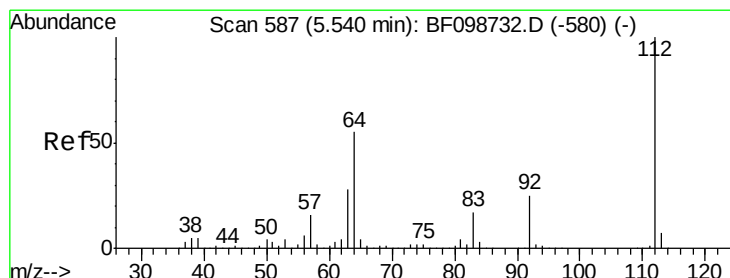
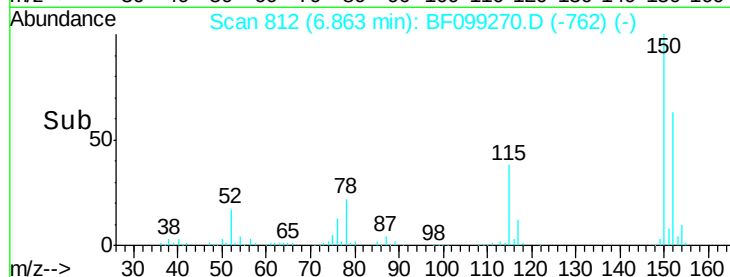
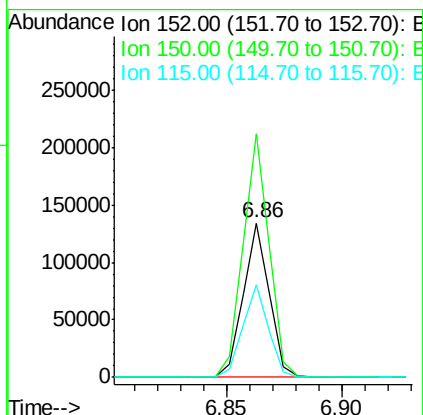
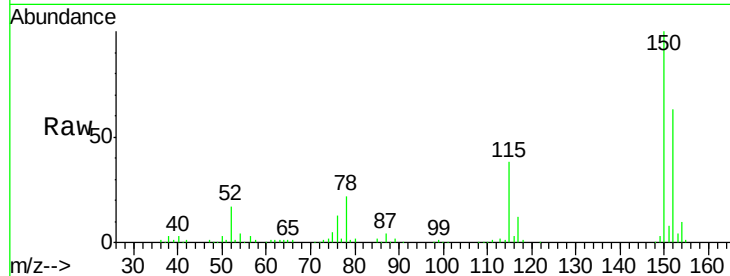


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF099270.D
 Acq: 9 Oct 2017 18:51

Instrument :
 BNA_F
 ClientSampled :

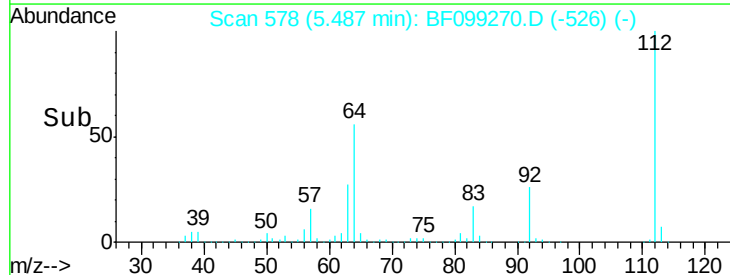
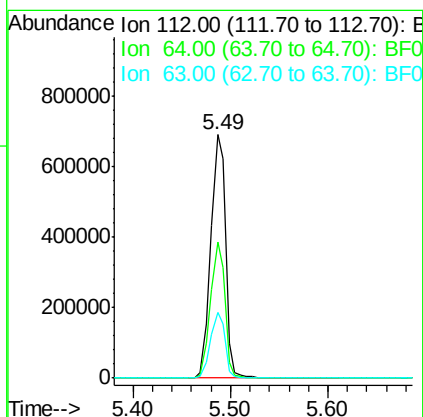
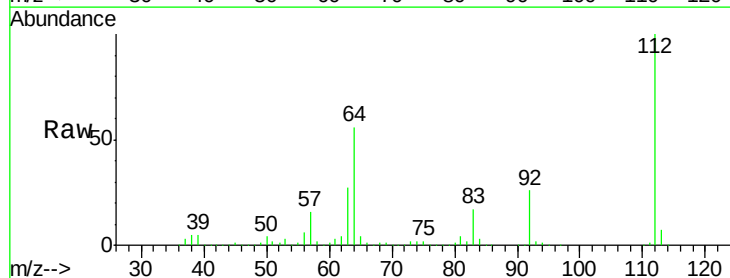
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.6	186.8
115	59.7	50.1	75.1

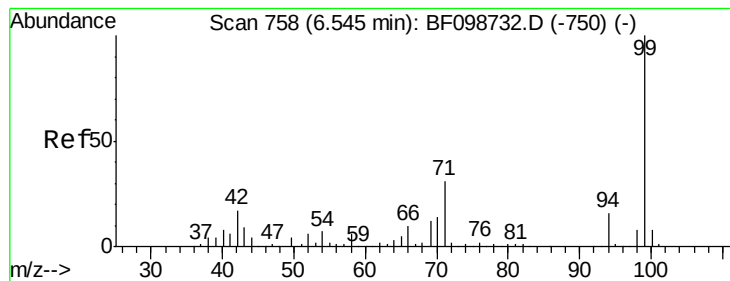


#5

2-Fluorophenol
 Concen: 110.13 ng
 RT: 5.49 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: BF099270.D
 Acq: 9 Oct 2017 18:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.8	47.9	71.9
63	27.0	23.7	35.5





#7

Phenol-d6

Concen: 108.25 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF099270.D

Acq: 9 Oct 2017 18:51

Instrument :

BNA_F

ClientSampled :

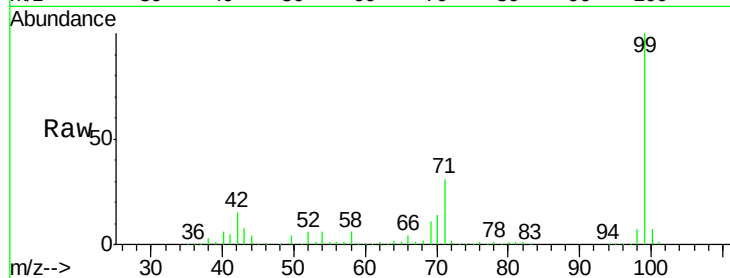
Tot Ion: 99 Resp: 880731

Ion Ratio Lower Upper

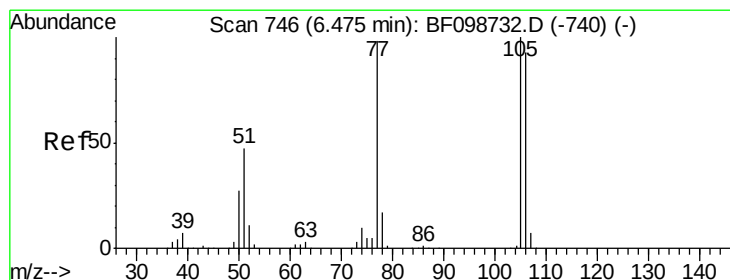
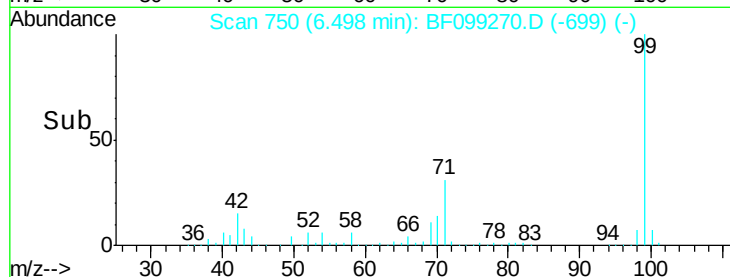
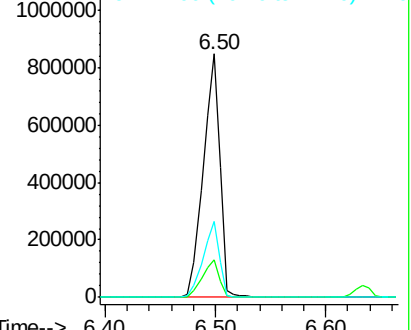
99 100

42 15.5 14.5 21.7

71 31.1 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: 3.02 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.21 min

Lab File: BF099270.D

Acq: 9 Oct 2017 18:51

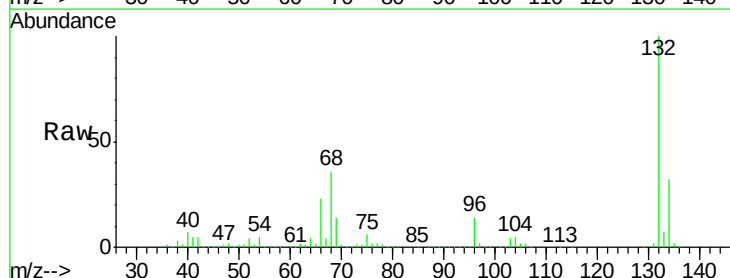
Tgt Ion: 77 Resp: 14242

Ion Ratio Lower Upper

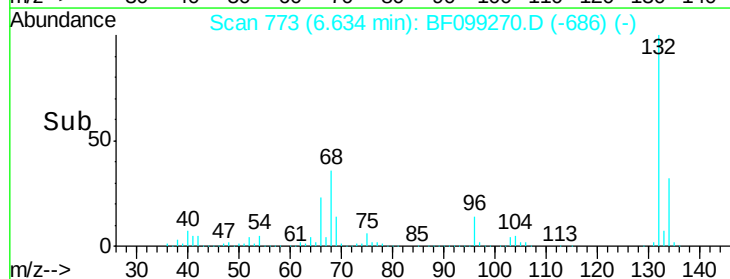
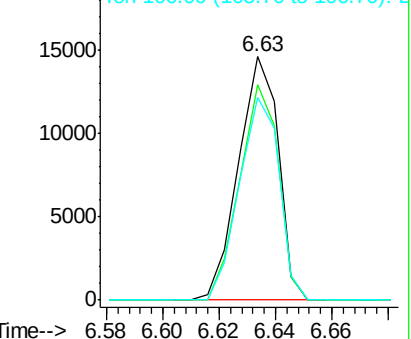
77 100

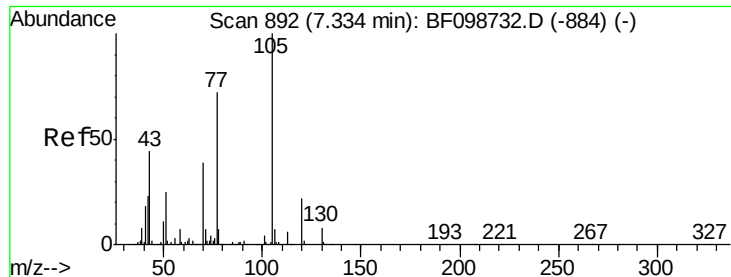
105 88.2 81.1 121.1

106 83.3 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

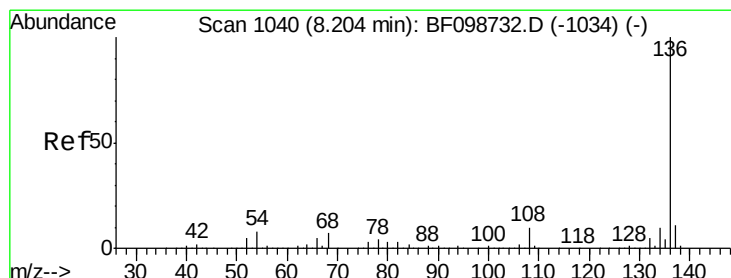
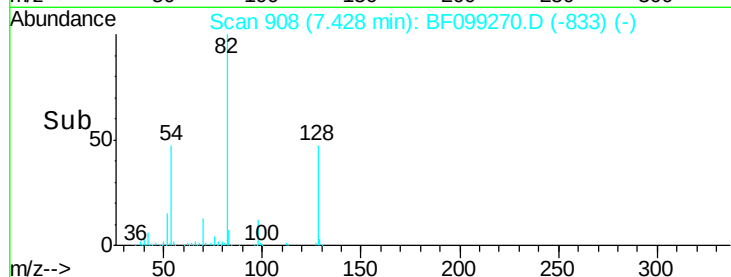
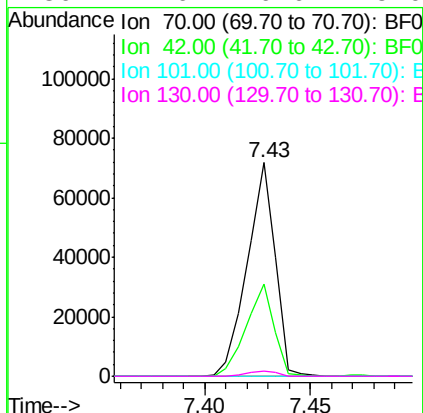
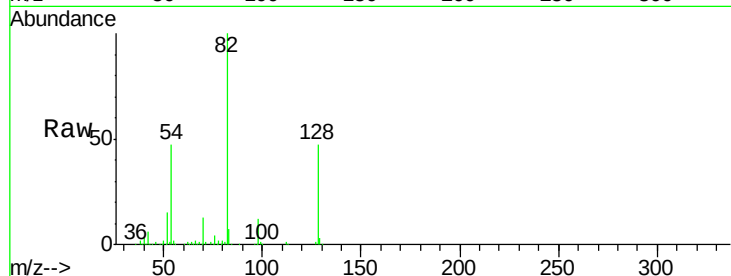




#19
n-Nitroso-di-n-propylamine
Concen: 12.72 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.14 min
Lab File: BF099270.D
Acq: 9 Oct 2017 18:51

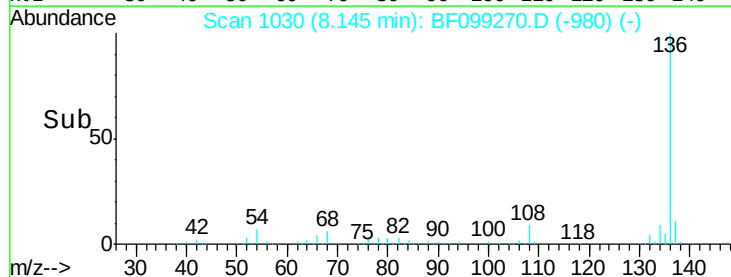
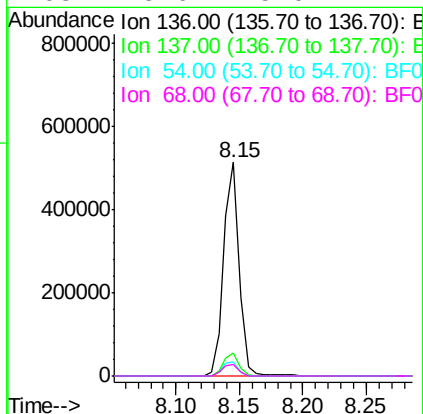
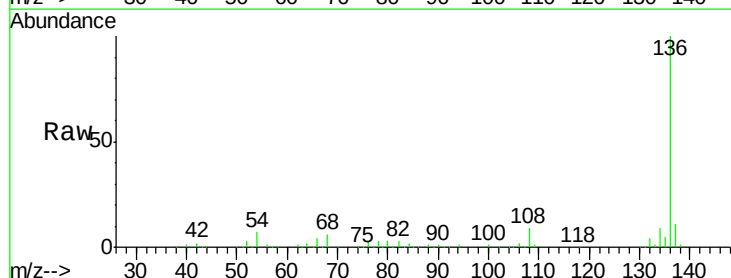
Instrument :
BNA_F
ClientSampleId :

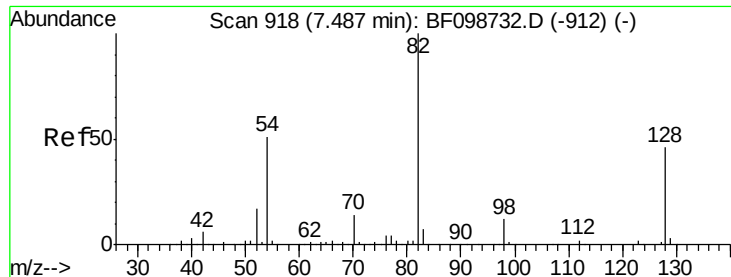
Tot Ion: 70 Resp: 66072
Ion Ratio Lower Upper
70 100
42 43.0 47.5 71.3#
101 0.0 7.4 11.2#
130 2.6 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099270.D
Acq: 9 Oct 2017 18:51

Tgt Ion: 136 Resp: 437932
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 6.7 6.6 9.8
68 5.6 5.0 7.4

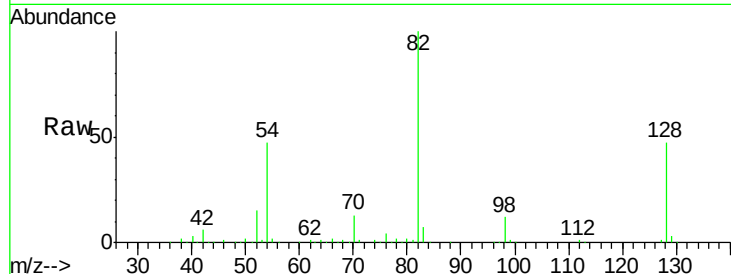




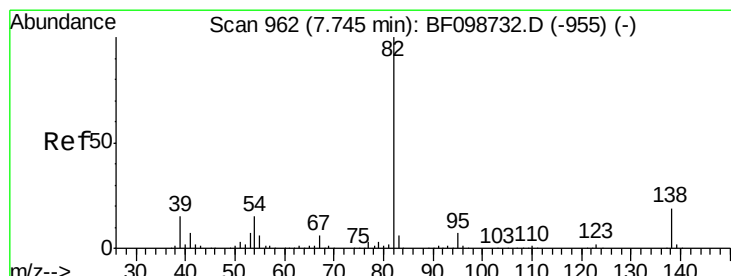
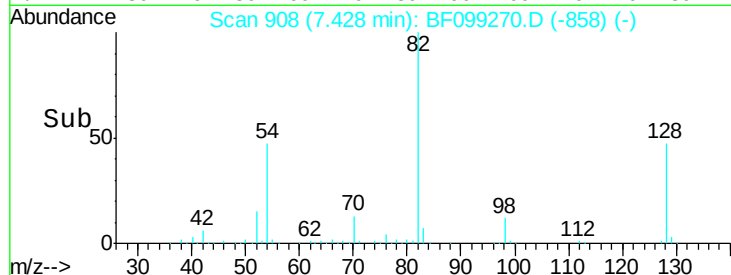
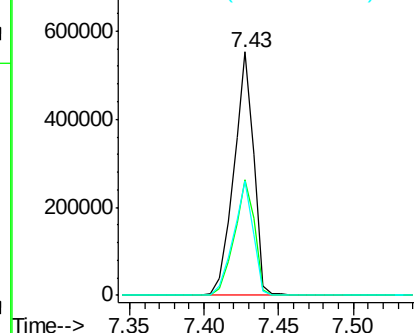
#23
 Nitrobenzene-d5
 Concen: 76.35 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF099270.D
 Acq: 9 Oct 2017 18:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 521366
 Ion Ratio Lower Upper
 82 100
 128 47.4 36.1 54.1
 54 46.9 41.4 62.2

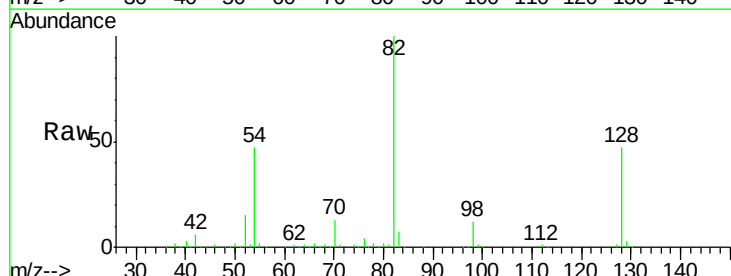


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

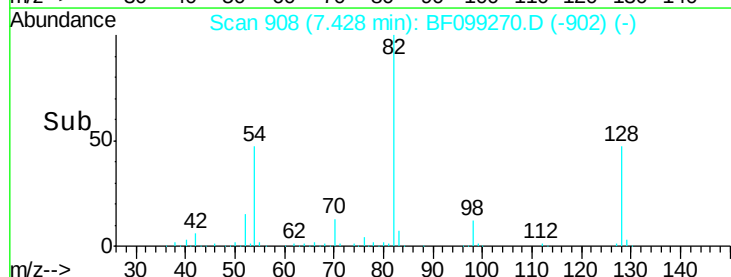
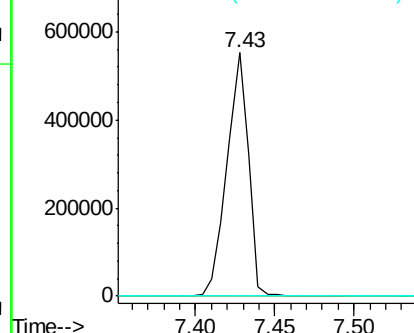


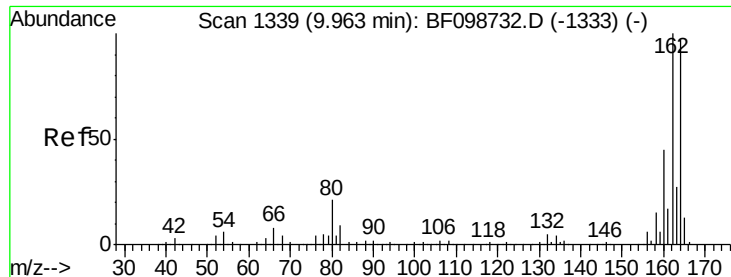
#25
 Isophorone
 Concen: 36.93 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.26 min
 Lab File: BF099270.D
 Acq: 9 Oct 2017 18:51

Tgt Ion: 82 Resp: 521355
 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

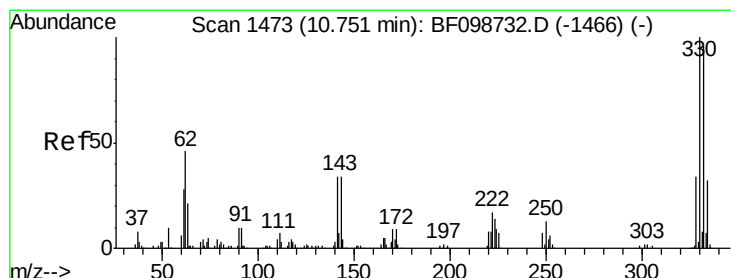
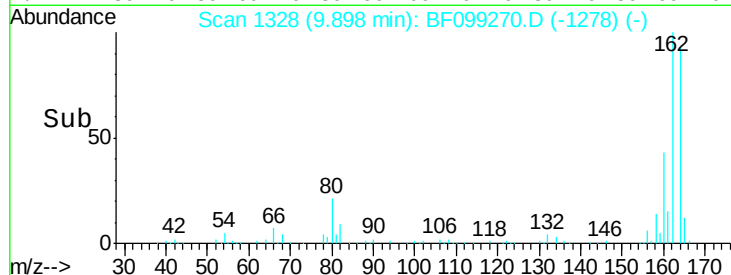
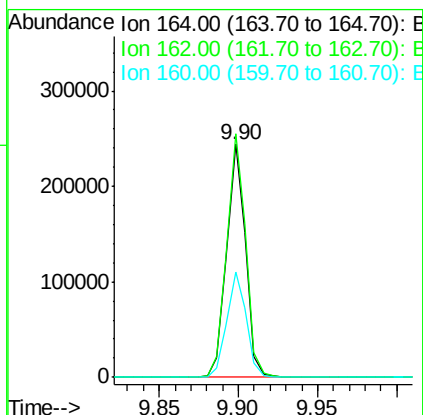
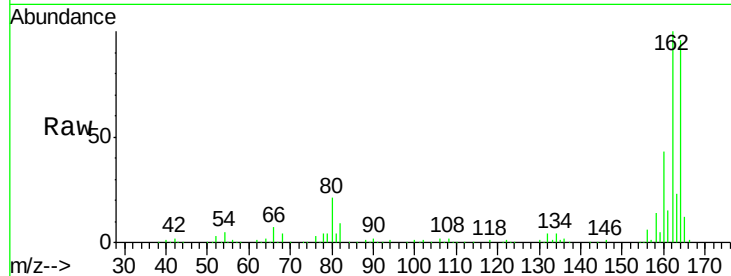




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF099270.D
Acq: 9 Oct 2017 18:51

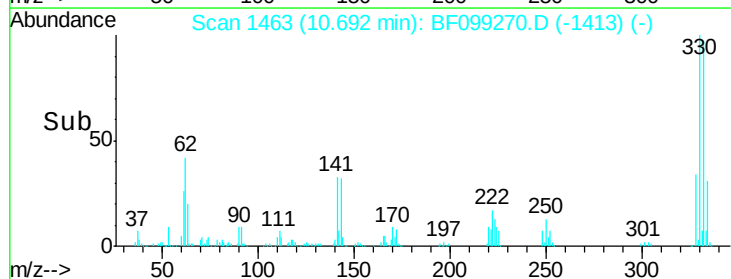
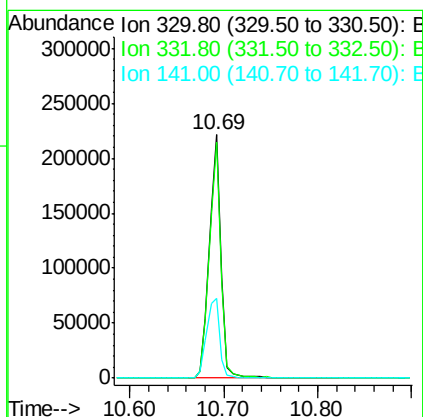
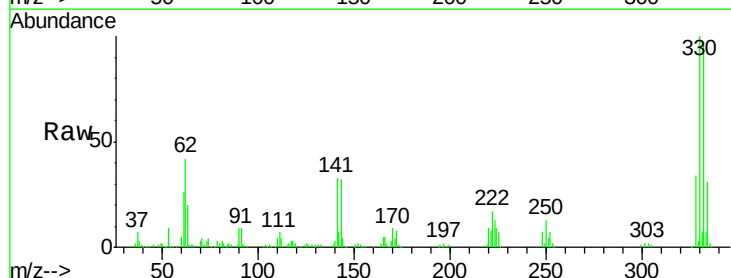
Instrument :
BNA_F
ClientSampleId :

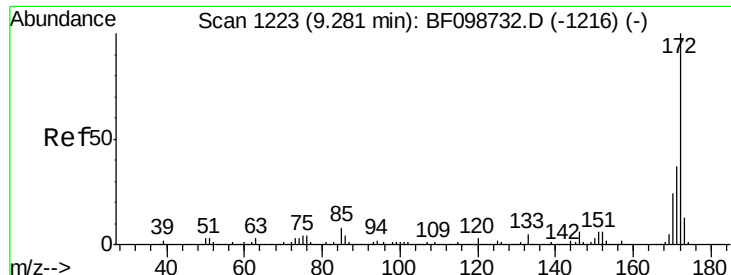
Tot Ion:164 Resp: 200087
Ion Ratio Lower Upper
164 100
162 104.4 86.1 129.1
160 45.2 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 119.87 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BF099270.D
Acq: 9 Oct 2017 18:51

Tgt Ion:330 Resp: 196259
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.6
141 37.0 29.9 44.9

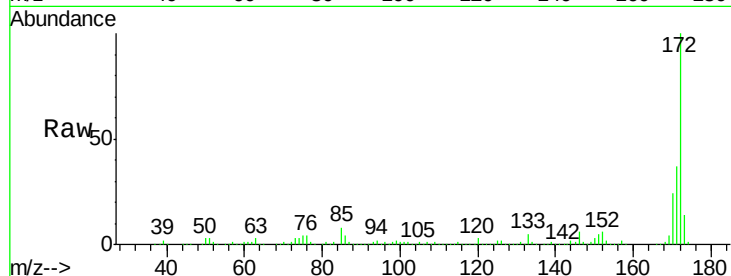




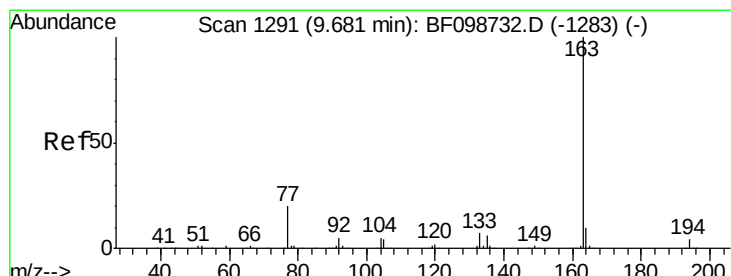
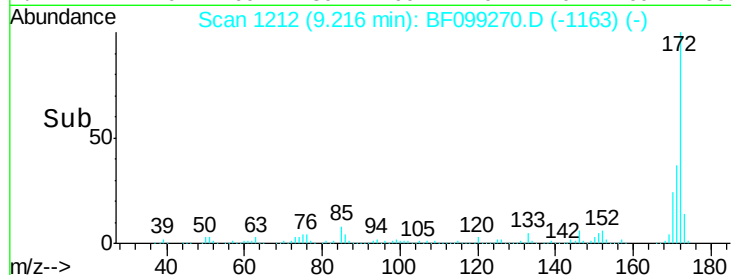
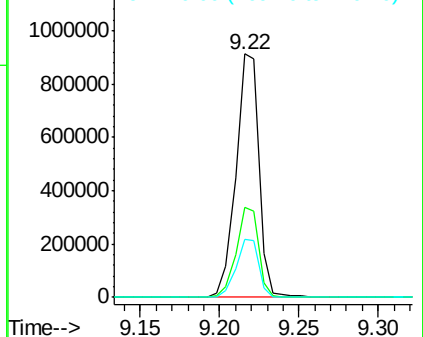
#44
2-Fluorobiphenyl
Concen: 76.69 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF099270.D
Acq: 9 Oct 2017 18:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 919183
Ion Ratio Lower Upper
172 100
171 36.8 29.7 44.5
170 23.8 19.6 29.4

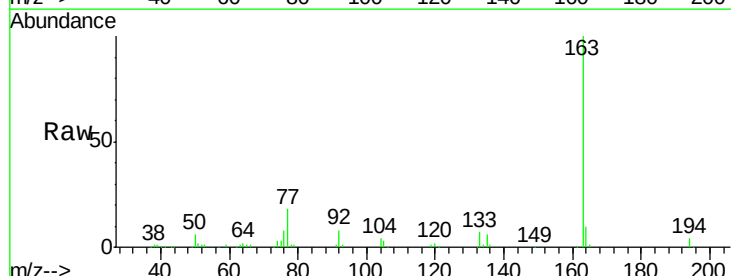


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

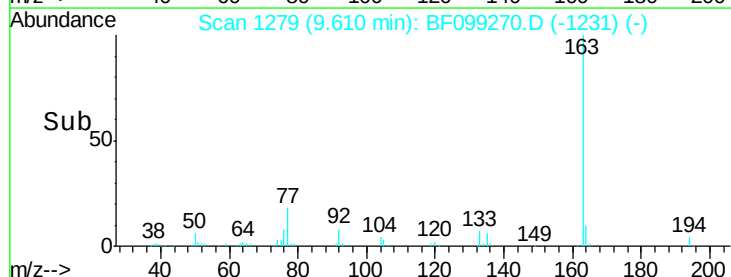
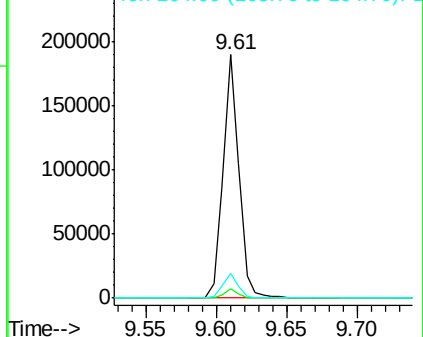


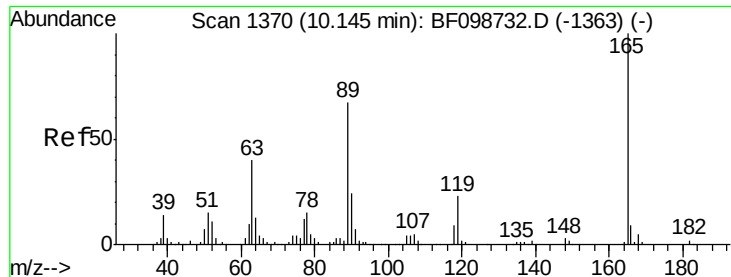
#49
Dimethylphthalate
Concen: 9.87 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF099270.D
Acq: 9 Oct 2017 18:51

Tgt Ion:163 Resp: 149119
Ion Ratio Lower Upper
163 100
194 3.7 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

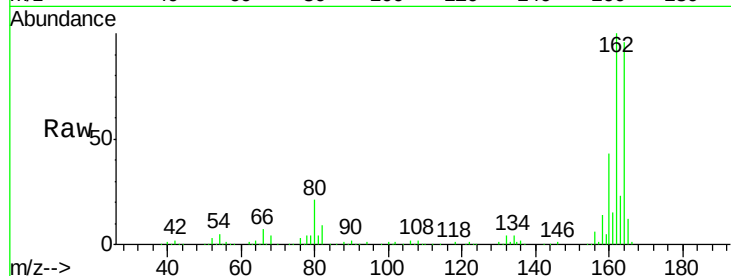




#56
2,4-Dinitrotoluene
Concen: 5.93 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.20 min
Lab File: BF099270.D
Acq: 9 Oct 2017 18:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165	Resp:	25300
Ion Ratio	Lower	Upper
165	100	
63	1.0	36.4 54.6#
89	1.3	57.8 86.6#
182	0.0	1.6 2.4#

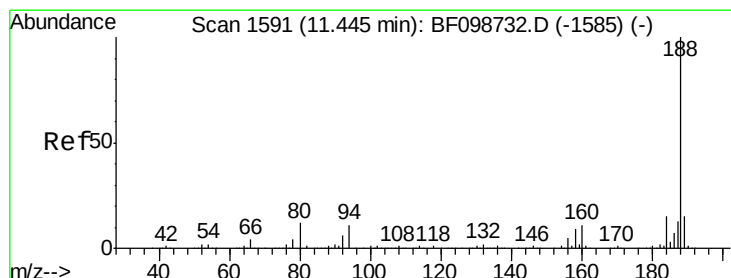
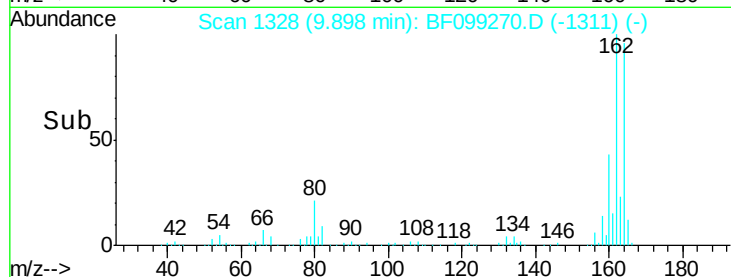
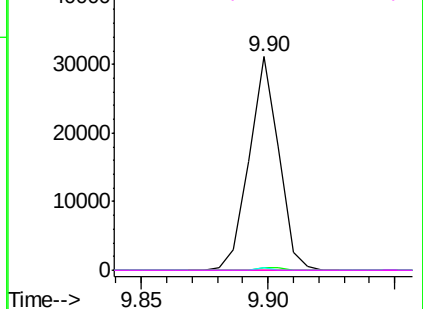


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

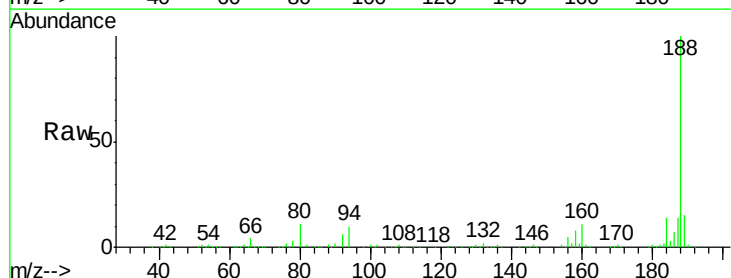
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099270.D
Acq: 9 Oct 2017 18:51

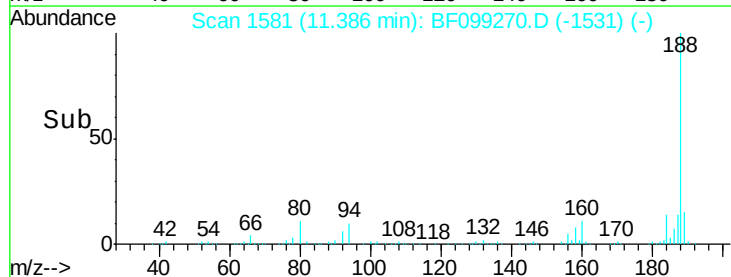
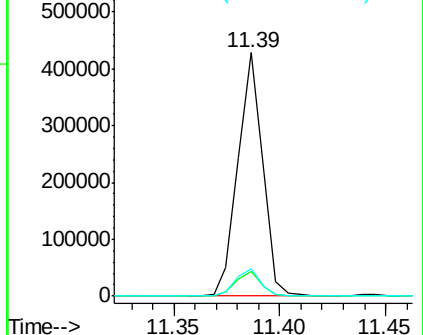
Tgt Ion:188	Resp:	345360
Ion Ratio	Lower	Upper
188	100	
94	10.3	8.5 12.7
80	11.4	9.2 13.8

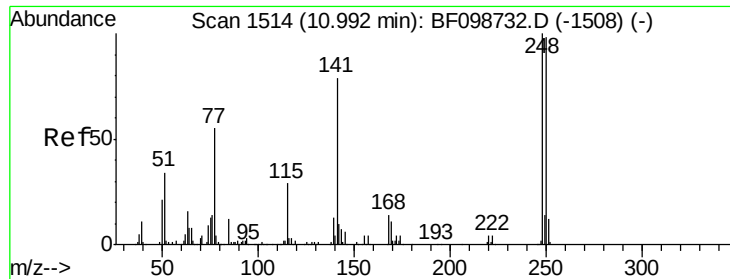


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

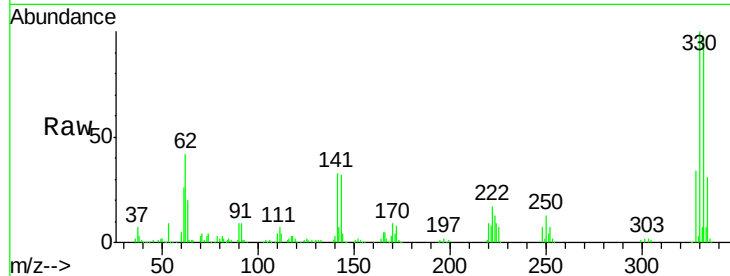




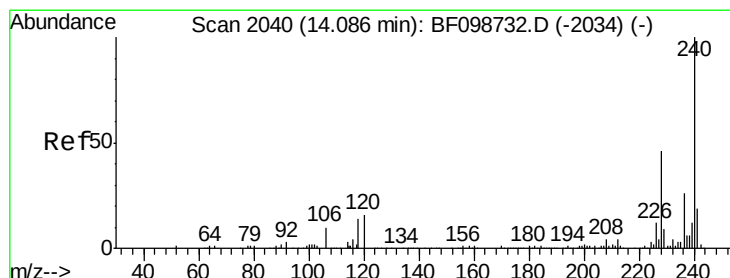
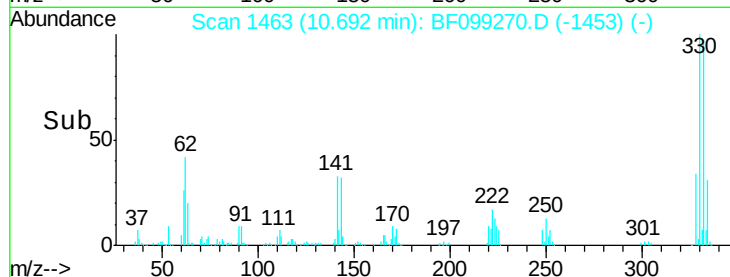
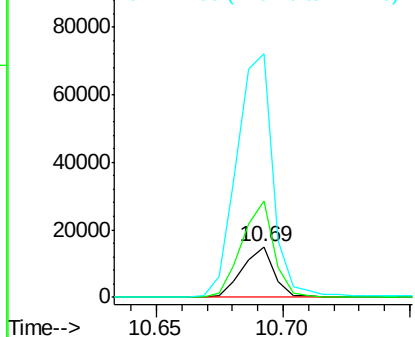
#66
4-Bromophenyl-phenylether
Concen: 3.87 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.24 min
Lab File: BF099270.D
Acq: 9 Oct 2017 18:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 13066
Ion Ratio Lower Upper
248 100
250 190.8 76.9 115.3#
141 481.9 74.4 111.6#

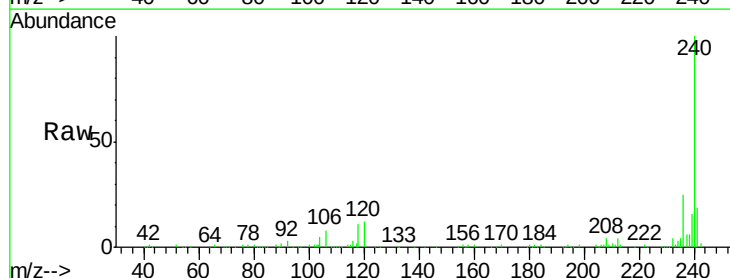


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

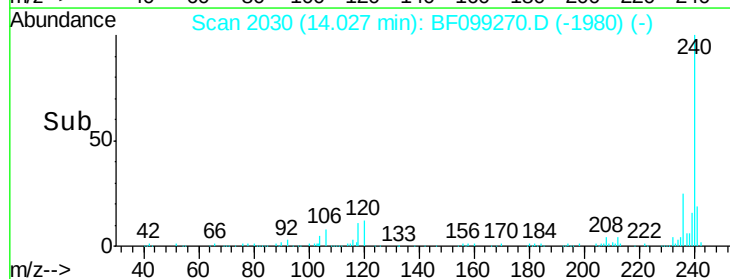
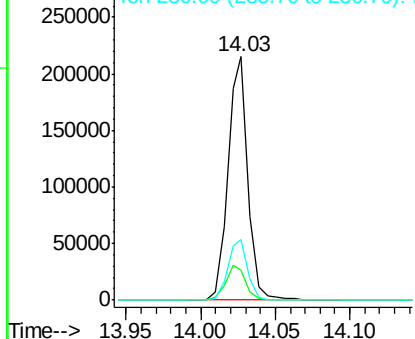


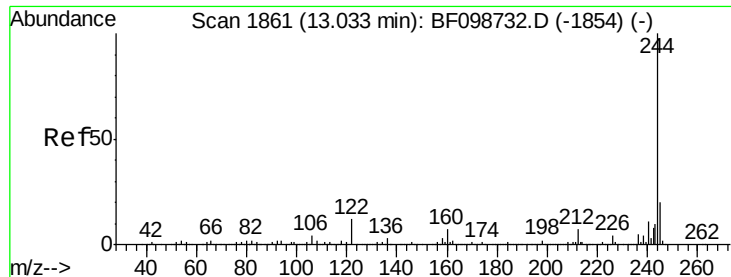
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF099270.D
Acq: 9 Oct 2017 18:51

Tgt Ion:240 Resp: 201443
Ion Ratio Lower Upper
240 100
120 12.3 9.5 14.3
236 24.7 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

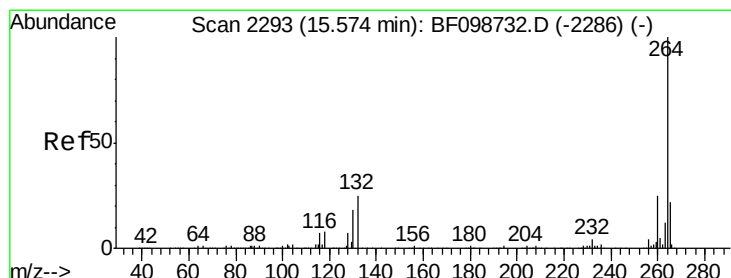
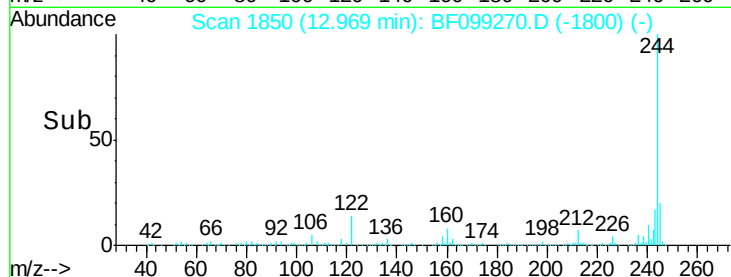
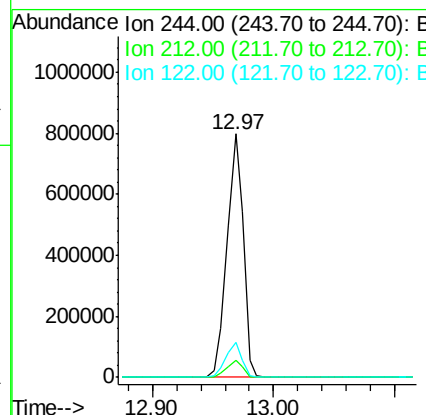
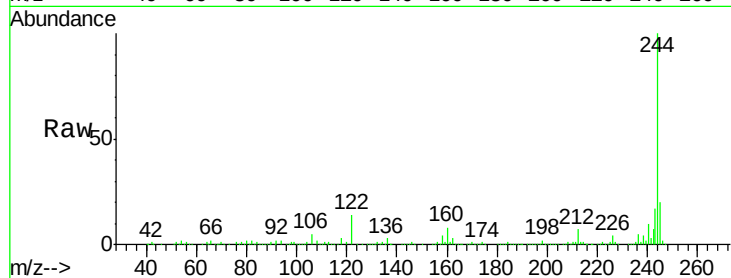




#78
 Terphenyl-d14
 Concen: 83.46 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BF099270.D
 Acq: 9 Oct 2017 18:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 739290
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 14.1 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 2281
 Delta R.T. 0.00 min
 Lab File: BF099270.D
 Acq: 9 Oct 2017 18:51

Tgt Ion:264 Resp: 185750
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 20.8 17.5 26.3

