

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100917\
 Data File : BF099268.D
 Acq On : 9 Oct 2017 17:56
 Operator : SJ/JU
 Sample : I5651-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 10 01:11:12 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

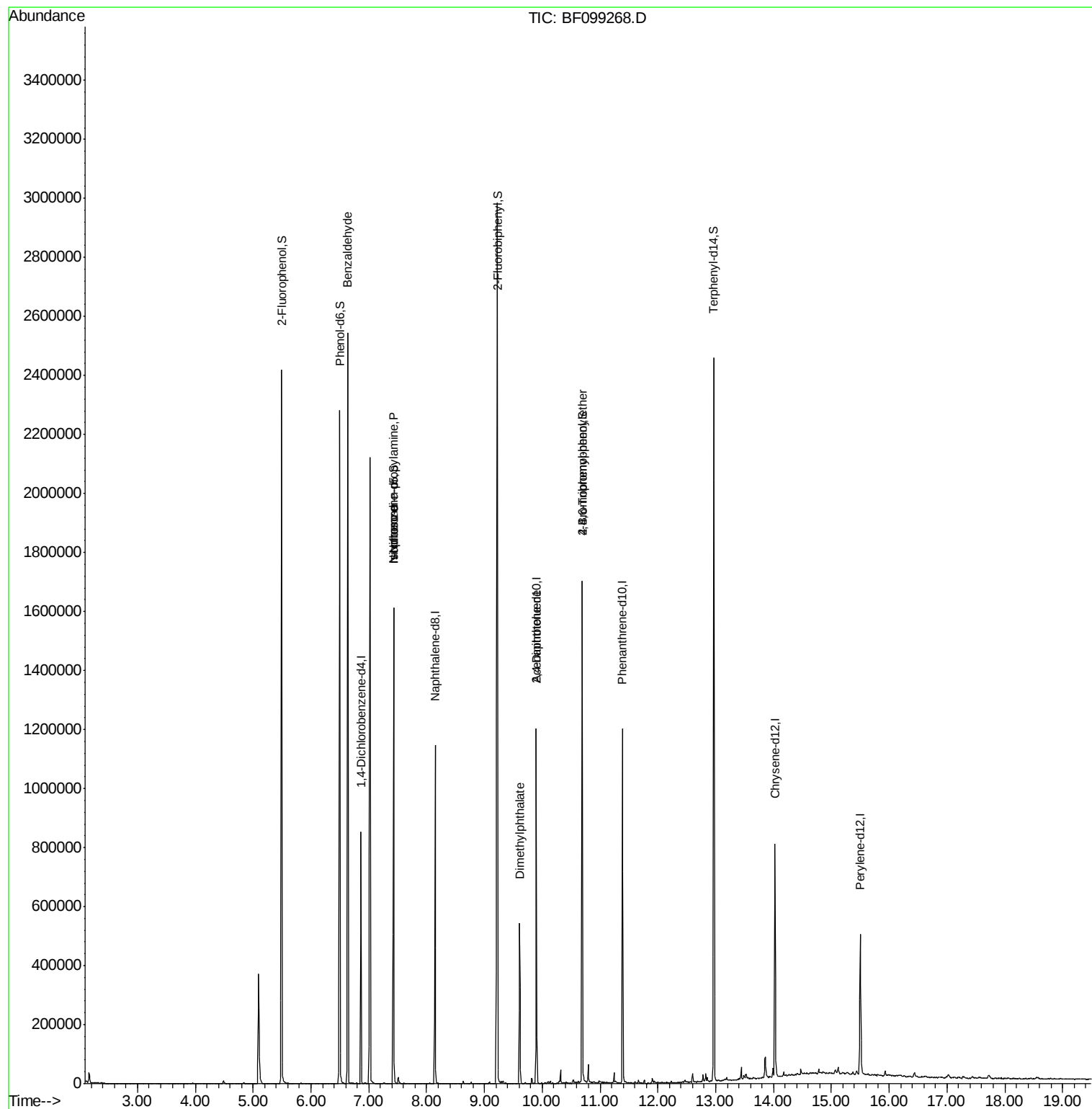
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	118290	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	496872	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	227059	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	400302	20.00	ng	0.00
75) Chrysene-d12	14.03	240	246336	20.00	ng	0.00
86) Perylene-d12	15.50	264	213839	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	748939	100.79	ng	0.01
7) Phenol-d6	6.50	99	926480	101.07	ng	0.00
23) Nitrobenzene-d5	7.43	82	552732	71.34	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	204384	110.00	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1006874	74.03	ng	0.00
78) Terphenyl-d14	12.97	244	811373	74.91	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.63	77	15521	2.92	ng	80
19) n-Nitroso-di-n-propylamine	7.43	70	69766	11.92	ng	# 74
25) Isophorone	7.43	82	552723	34.50	ng	# 64
49) Dimethylphthalate	9.61	163	215560	12.58	ng	100
56) 2,4-Dinitrotoluene	9.90	165	28625	5.91	ng	# 23
66) 4-Bromophenyl-phenylether	10.69	248	13433	3.43	ng	# 1

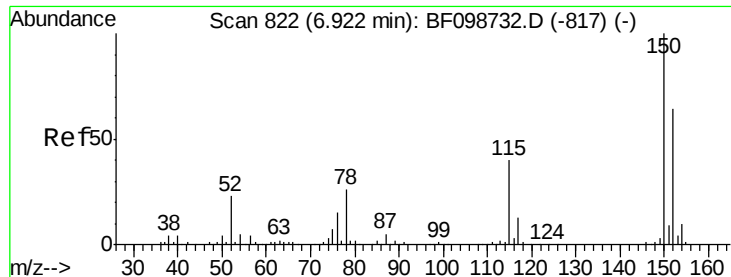
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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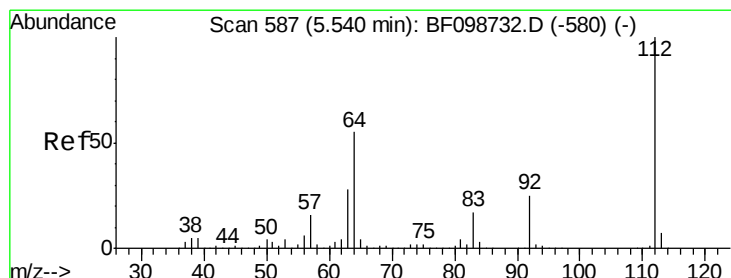
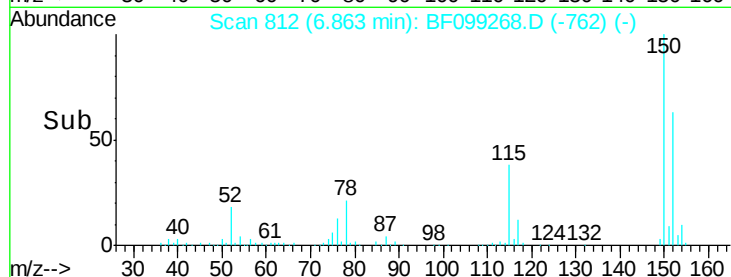
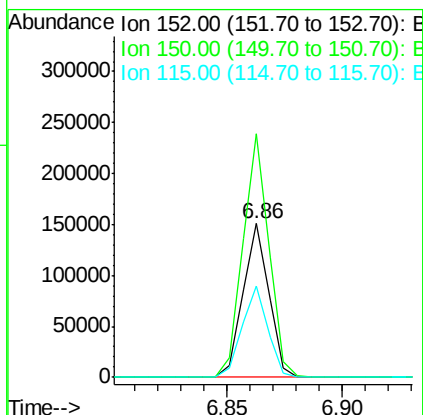
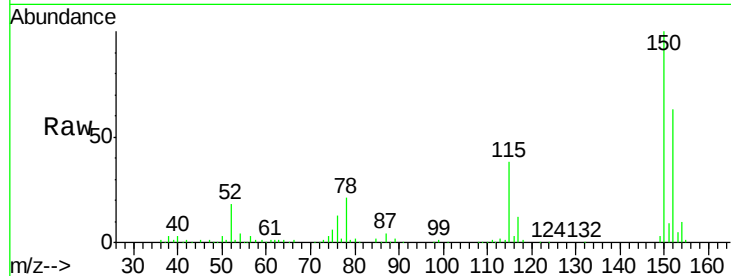


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099268.D
Acq: 9 Oct 2017 17:56

Instrument :
BNA_F
ClientSampleId :

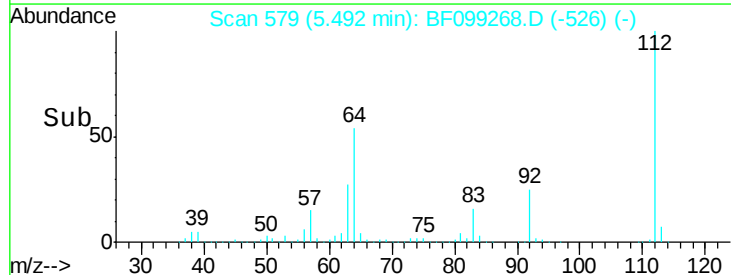
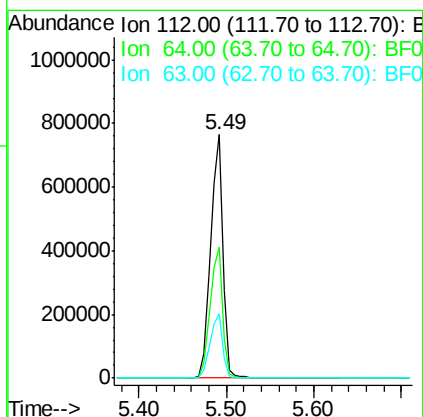
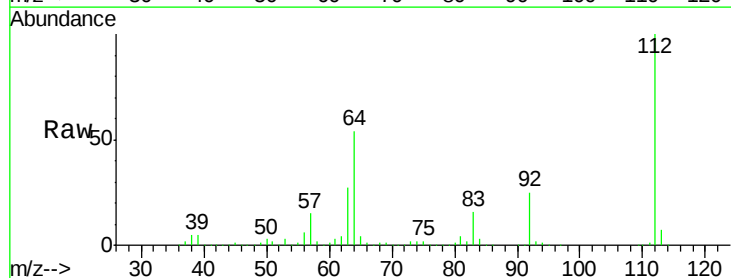
Tot Ion:152 Resp: 118290
Ion Ratio Lower Upper
152 100
150 158.7 124.6 186.8
115 59.5 50.1 75.1



#5

2-Fluorophenol
Concen: 100.79 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF099268.D
Acq: 9 Oct 2017 17:56

Tgt Ion:112 Resp: 748939
Ion Ratio Lower Upper
112 100
64 53.6 47.9 71.9
63 26.6 23.7 35.5





#7

Phenol-d6

Concen: 101.07 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF099268.D

Acq: 9 Oct 2017 17:56

Instrument :

BNA_F

ClientSampled :

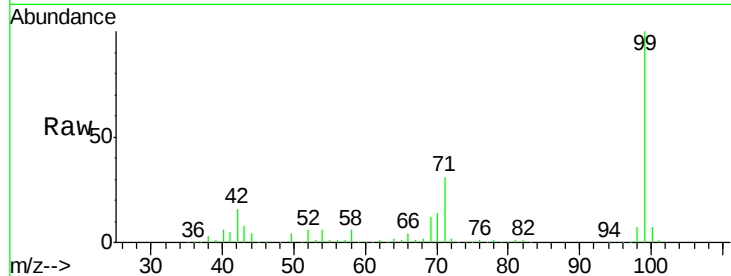
Tot Ion: 99 Resp: 926480

Ion Ratio Lower Upper

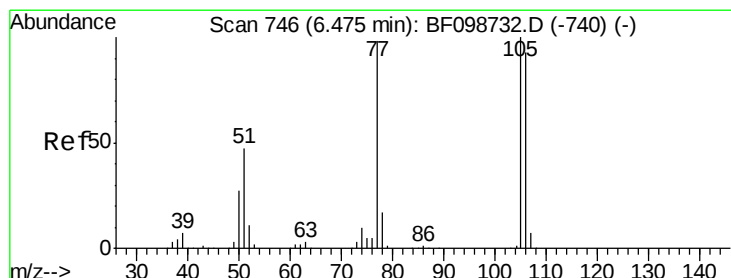
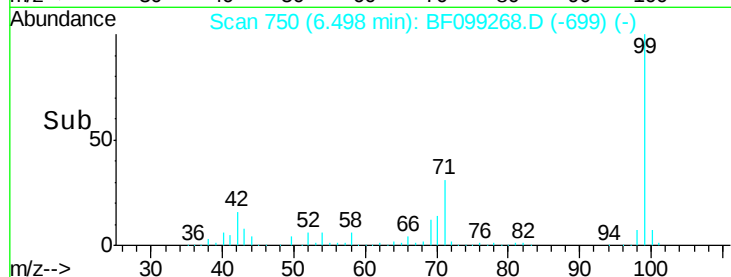
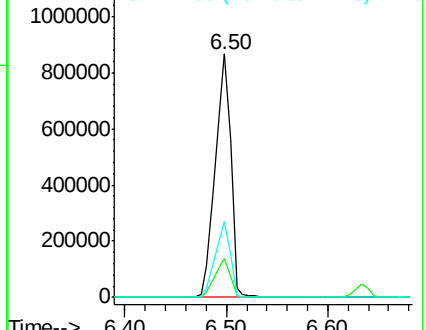
99 100

42 16.0 14.5 21.7

71 31.2 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: 2.92 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.21 min

Lab File: BF099268.D

Acq: 9 Oct 2017 17:56

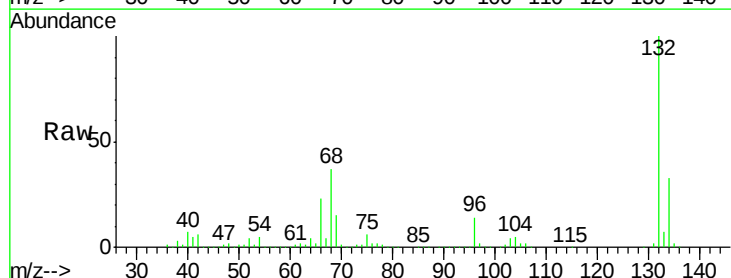
Tgt Ion: 77 Resp: 15521

Ion Ratio Lower Upper

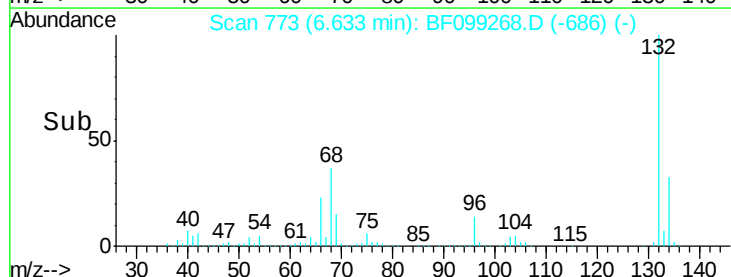
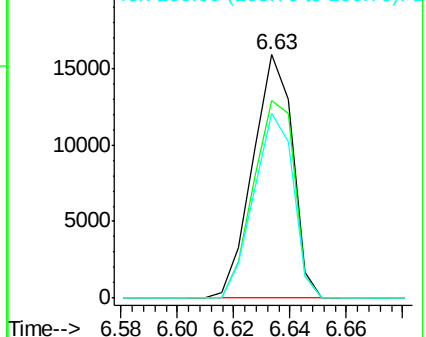
77 100

105 81.1 81.1 121.1

106 75.7 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

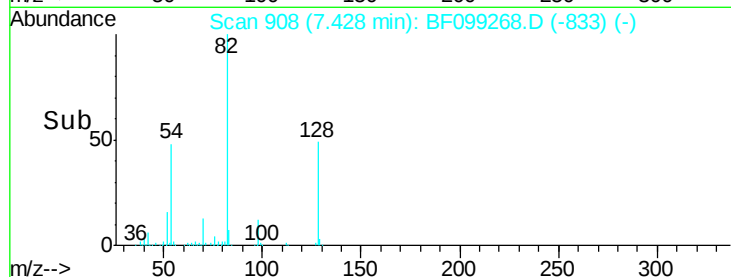
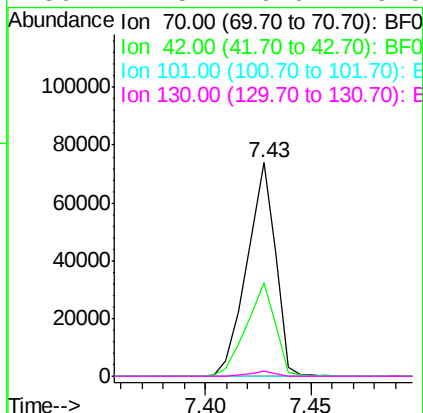
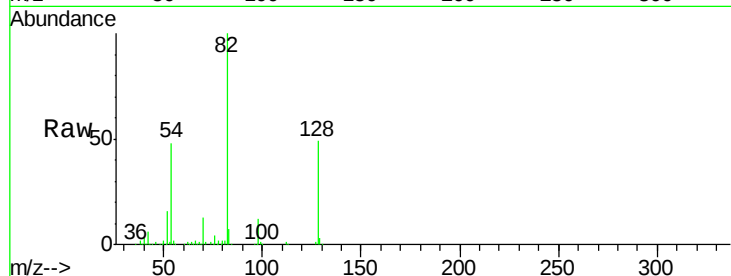




#19
n-Nitroso-di-n-propylamine
Concen: 11.92 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.14 min
Lab File: BF099268.D
Acq: 9 Oct 2017 17:56

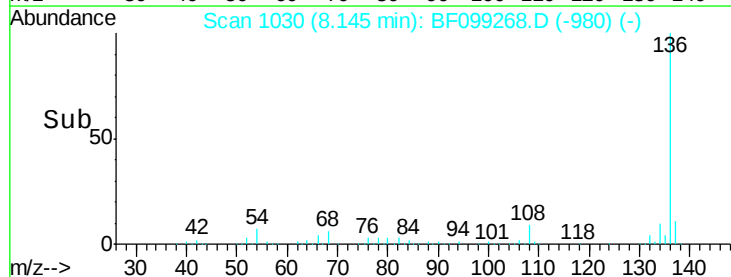
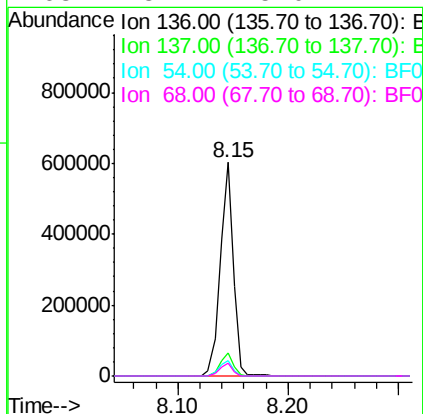
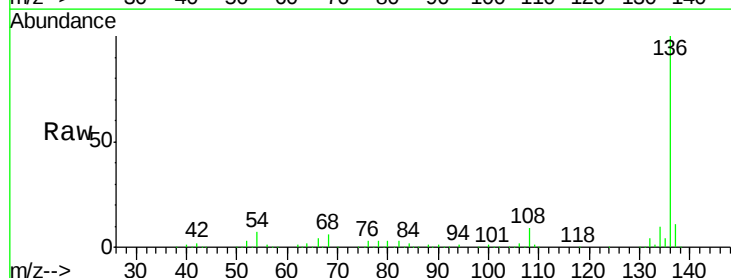
Instrument :
BNA_F
ClientSampleID :

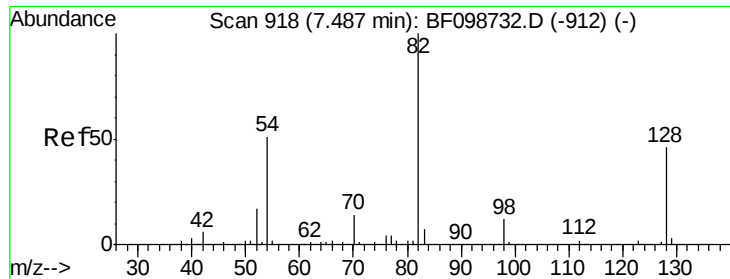
Tot Ion: 70 Resp: 69766
Ion Ratio Lower Upper
70 100
42 43.8 47.5 71.3#
101 0.0 7.4 11.2#
130 2.5 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099268.D
Acq: 9 Oct 2017 17:56

Tgt Ion:136 Resp: 496872
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.0 6.6 9.8
68 5.7 5.0 7.4

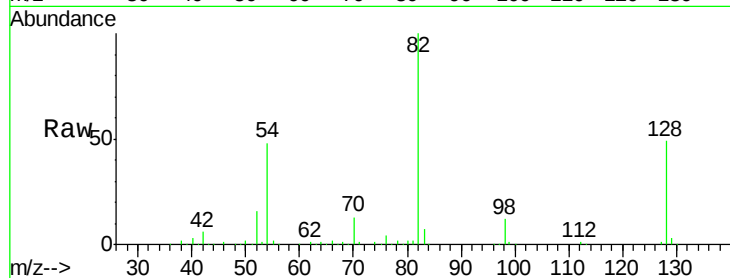




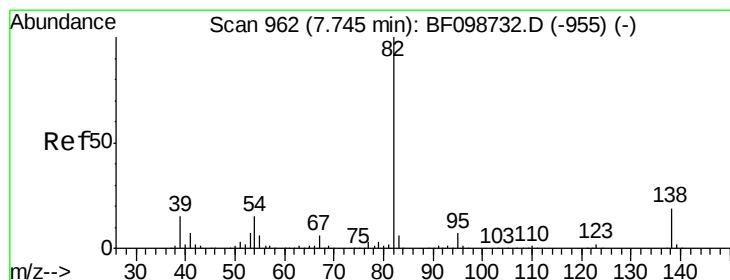
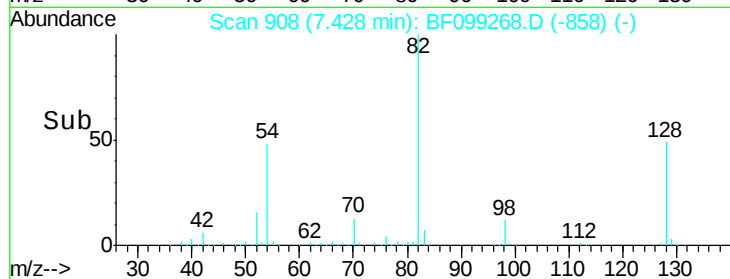
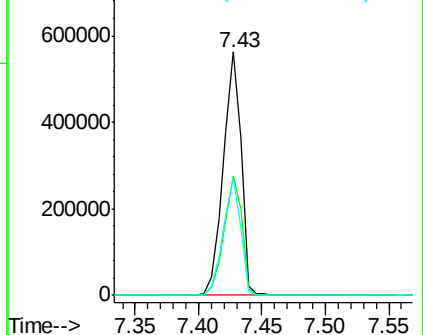
#23
 Nitrobenzene-d5
 Concen: 71.34 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF099268.D
 Acq: 9 Oct 2017 17:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 552732
 Ion Ratio Lower Upper
 82 100
 128 48.9 36.1 54.1
 54 47.8 41.4 62.2

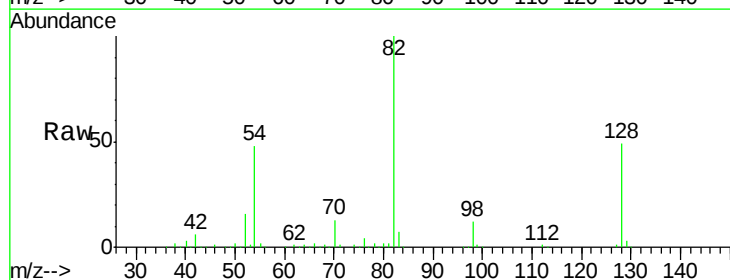


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

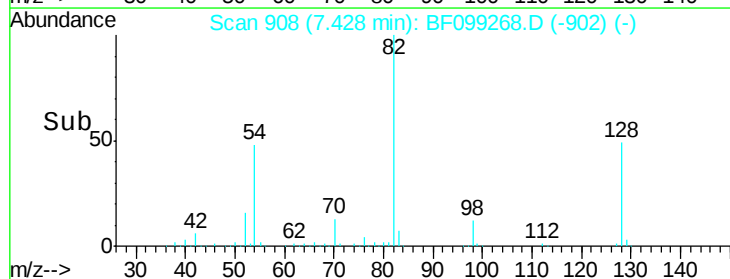
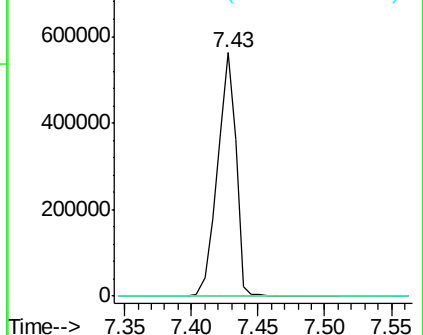


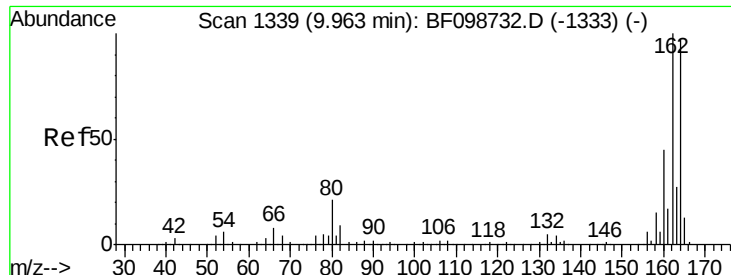
#25
 Isophorone
 Concen: 34.50 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.26 min
 Lab File: BF099268.D
 Acq: 9 Oct 2017 17:56

Tgt Ion: 82 Resp: 552723
 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

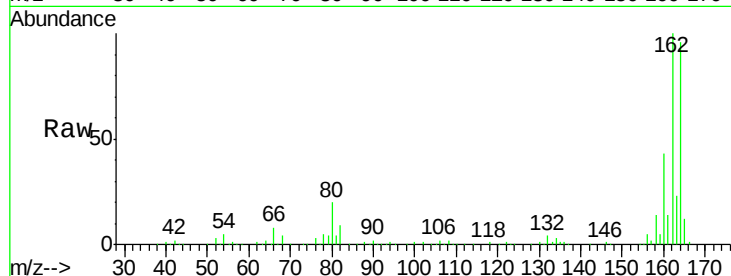




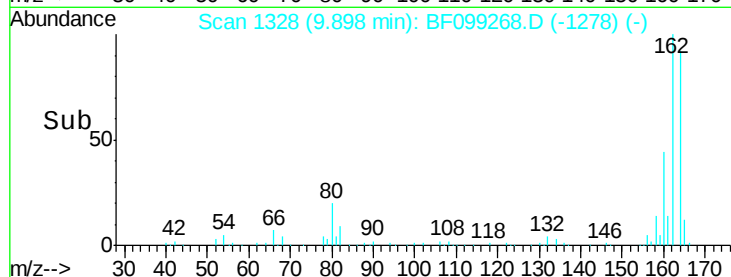
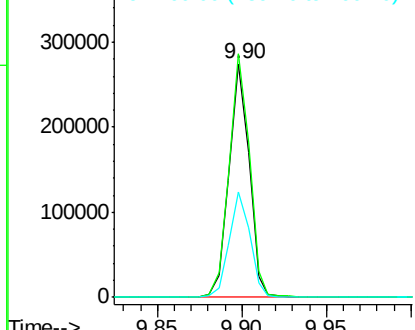
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF099268.D
Acq: 9 Oct 2017 17:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 227059
Ion Ratio Lower Upper
164 100
162 104.3 86.1 129.1
160 45.3 38.3 57.5

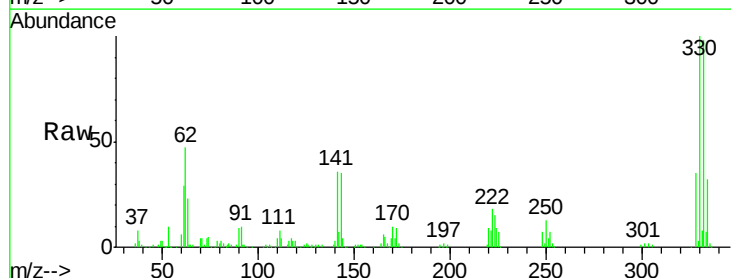


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

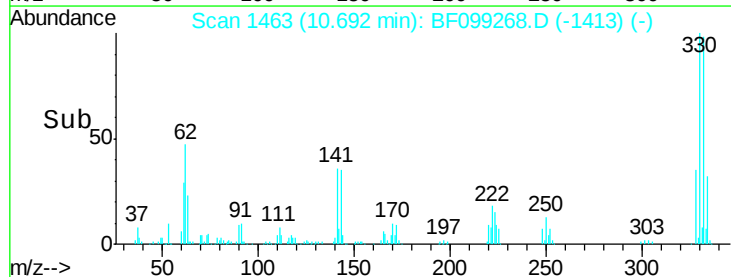
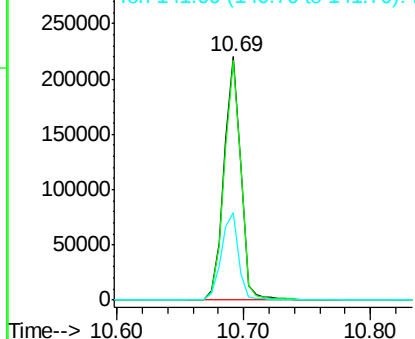


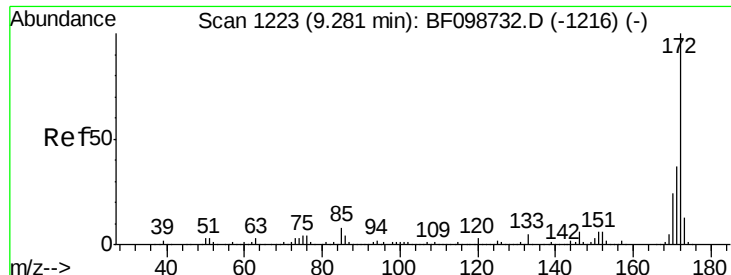
#41
2,4,6-Tribromophenol
Concen: 110.00 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BF099268.D
Acq: 9 Oct 2017 17:56

Tgt Ion:330 Resp: 204384
Ion Ratio Lower Upper
330 100
332 97.3 77.0 115.6
141 37.0 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



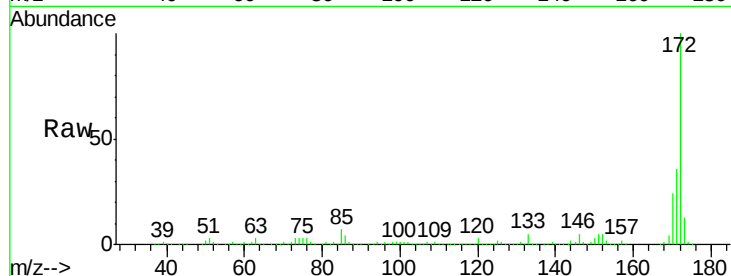


#44
 2-Fluorobiphenyl
 Concen: 74.03 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099268.D
 Acq: 9 Oct 2017 17:56

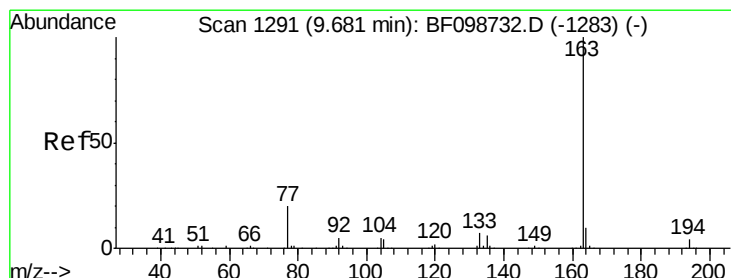
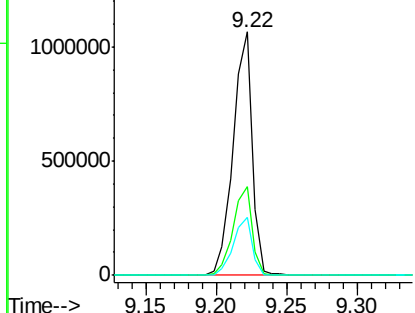
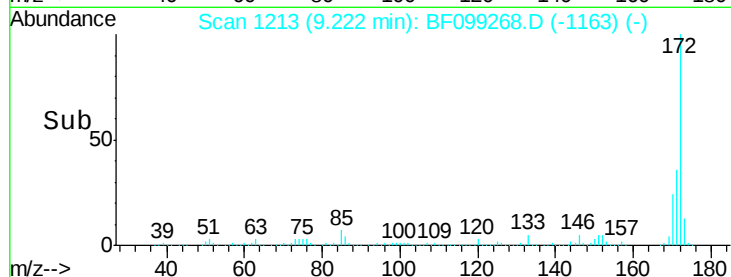
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1006874

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.0	19.6	29.4



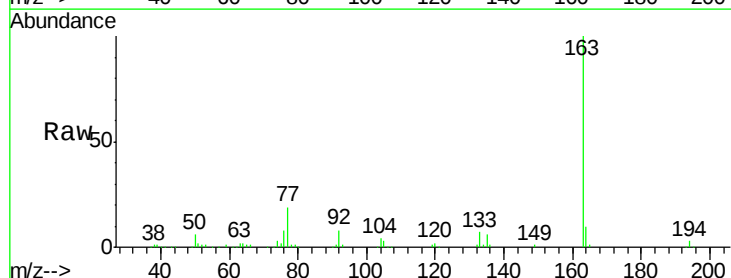
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



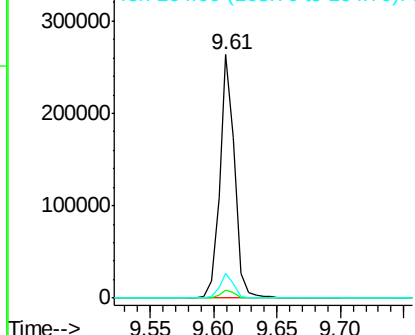
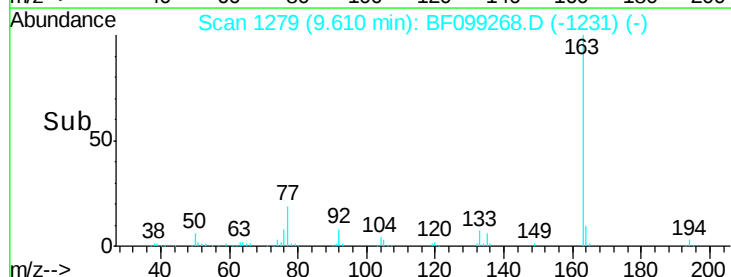
#49
 Dimethylphthalate
 Concen: 12.58 ng
 RT: 9.61 min Scan# 1279
 Delta R.T. -0.02 min
 Lab File: BF099268.D
 Acq: 9 Oct 2017 17:56

Tgt Ion:163 Resp: 215560

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.1	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

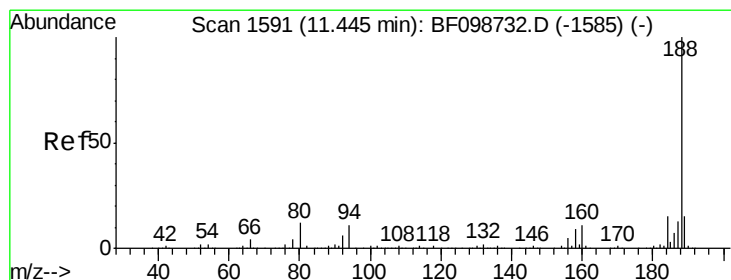
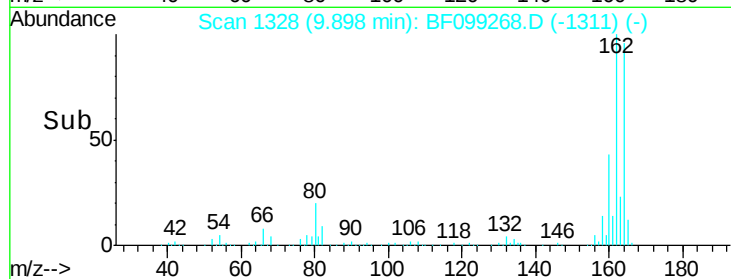
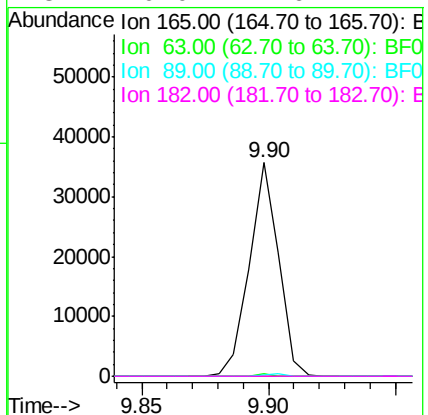
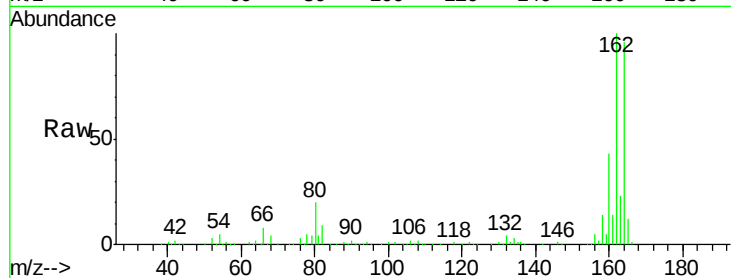




#56
 2,4-Dinitrotoluene
 Concen: 5.91 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.20 min
 Lab File: BF099268.D
 Acq: 9 Oct 2017 17:56

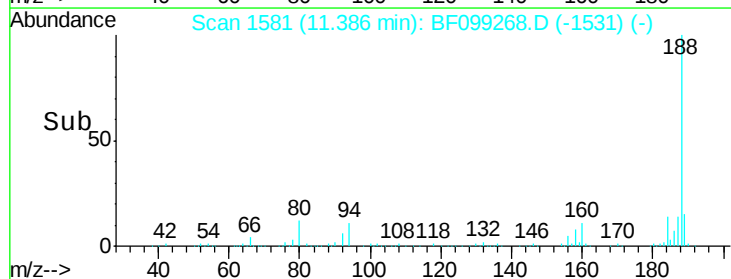
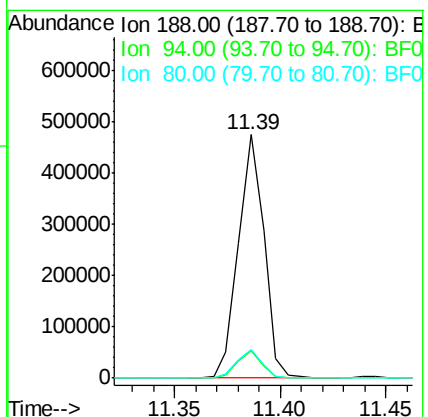
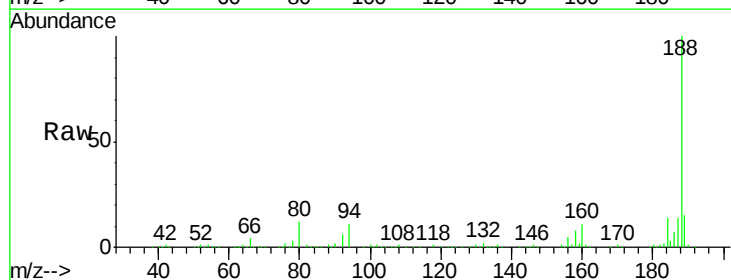
Instrument :
 BNA_F
 ClientSampled :

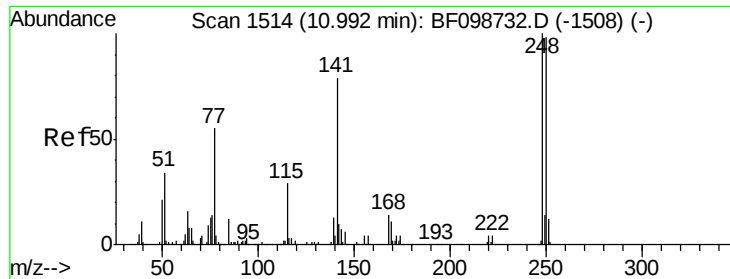
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Ion Ratio	Lower	Upper
165	100	
63	1.3	36.4 54.6#
89	0.9	57.8 86.6#
182	0.0	1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF099268.D
 Acq: 9 Oct 2017 17:56

Tgt Ion:188	Resp:	400302
Ion Ratio	Lower	Upper
188	100	
94	11.0	8.5 12.7
80	11.7	9.2 13.8

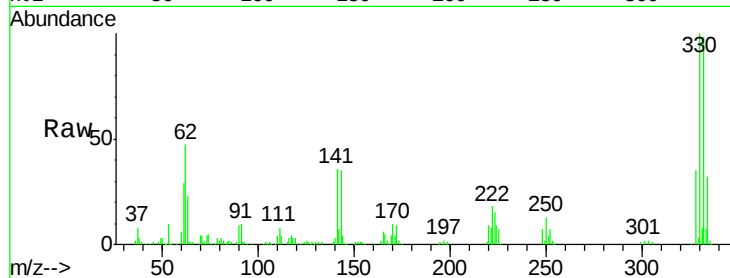




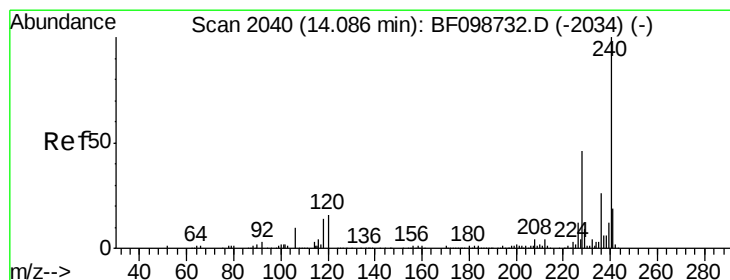
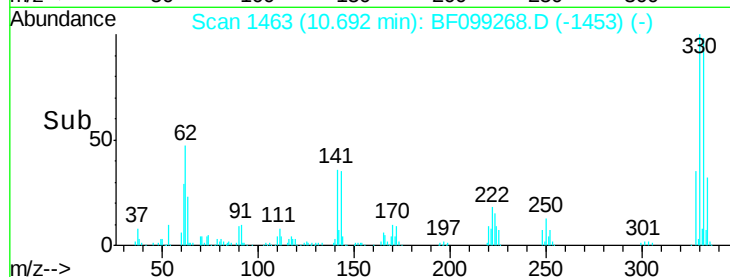
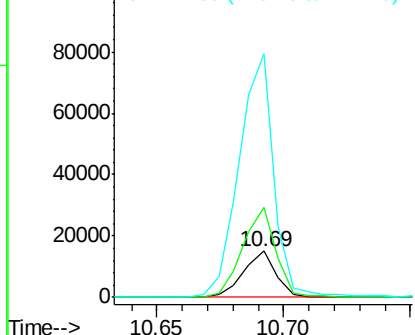
#66
 4-Bromophenyl-phenylether
 Concen: 3.43 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.24 min
 Lab File: BF099268.D
 Acq: 9 Oct 2017 17:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 13433
 Ion Ratio Lower Upper
 248 100
 250 195.6 76.9 115.3#
 141 530.9 74.4 111.6#

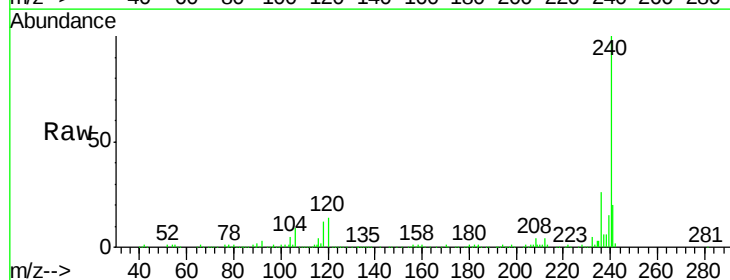


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

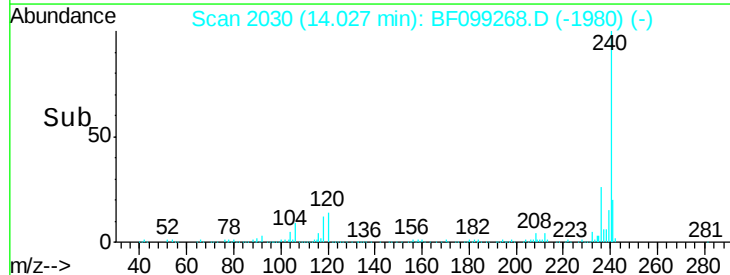
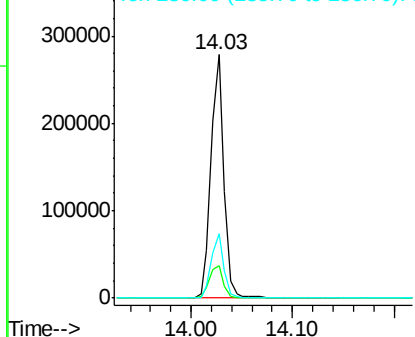


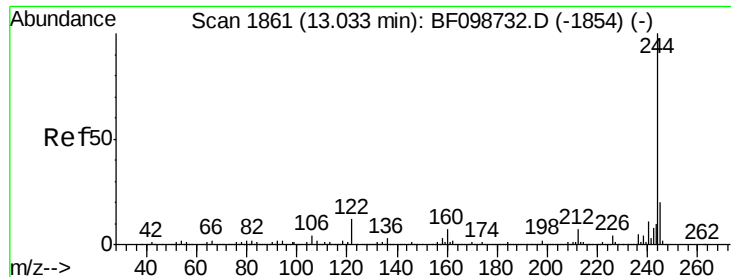
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF099268.D
 Acq: 9 Oct 2017 17:56

Tgt Ion:240 Resp: 246336
 Ion Ratio Lower Upper
 240 100
 120 13.5 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

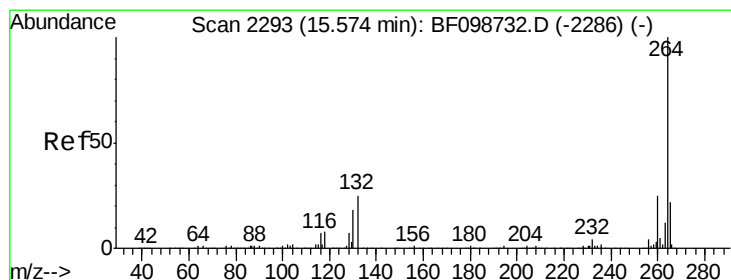
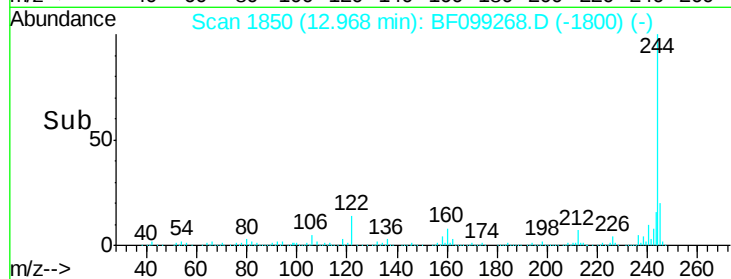
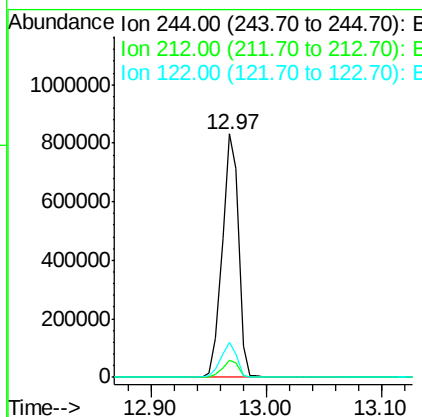
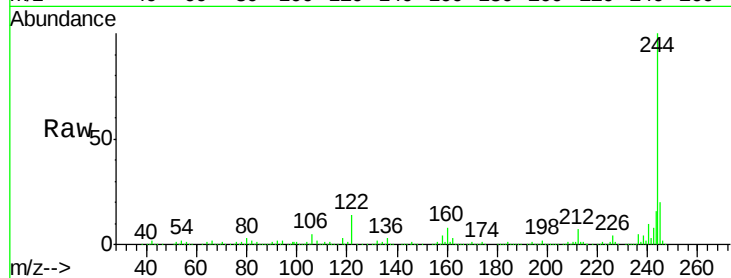




#78
 Terphenyl-d14
 Concen: 74.91 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BF099268.D
 Acq: 9 Oct 2017 17:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 811373
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 14.3 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: BF099268.D
 Acq: 9 Oct 2017 17:56

Tgt Ion:264 Resp: 213839
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 21.8 17.5 26.3

