

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100817\
 Data File : BF099231.D
 Acq On : 8 Oct 2017 14:42
 Operator : SJ/JU
 Sample : I5678-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 09 01:10:08 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

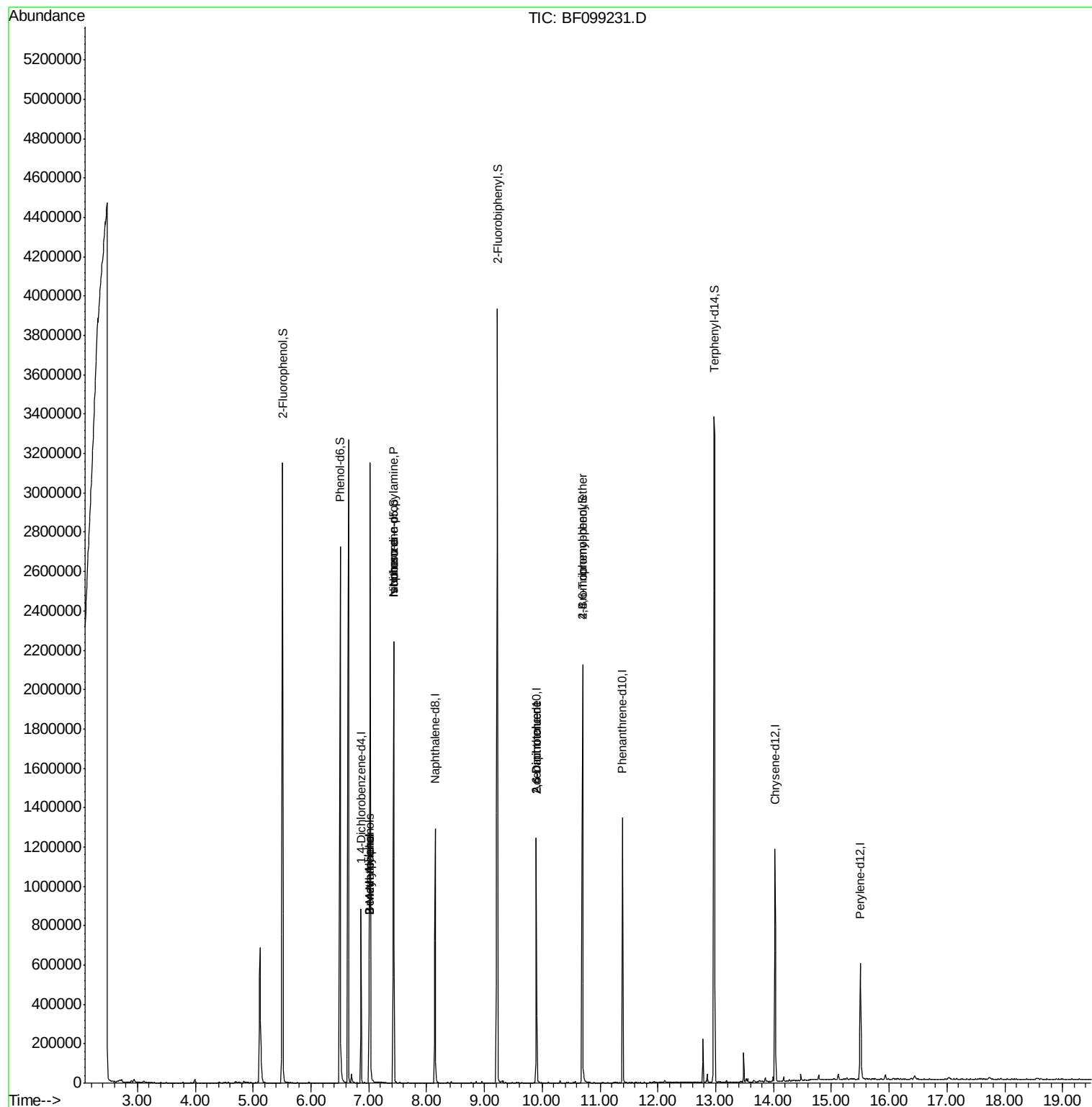
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	137244	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	573806	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	263754	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	479129	20.00	ng	0.00
75) Chrysene-d12	14.03	240	364752	20.00	ng	0.00
86) Perylene-d12	15.50	264	265379	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1062189	123.20	ng	0.03
7) Phenol-d6	6.50	99	1262293	118.69	ng	0.00
23) Nitrobenzene-d5	7.43	82	814801	91.06	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	304553	141.11	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1483211	93.88	ng	0.00
78) Terphenyl-d14	12.97	244	1379901	86.04	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.00	79	85517	10.96	ng	Qvalue 94
17) 2-Methylphenol	7.00	107	44233	5.54	ng	# 21
19) n-Nitroso-di-n-propylamine	7.43	70	105297	15.51	ng	# 74
20) 3+4-Methylphenols	7.00	107	44233	4.38	ng	# 1
25) Isophorone	7.43	82	814784	44.04	ng	# 64
50) 2,6-Dinitrotoluene	9.90	165	33509	7.73	ng	# 25
56) 2,4-Dinitrotoluene	9.90	165	33509	5.96	ng	# 23
66) 4-Bromophenyl-phenylether	10.70	248	20602	4.39	ng	# 1

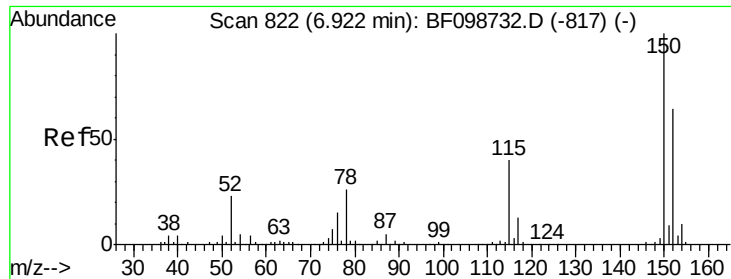
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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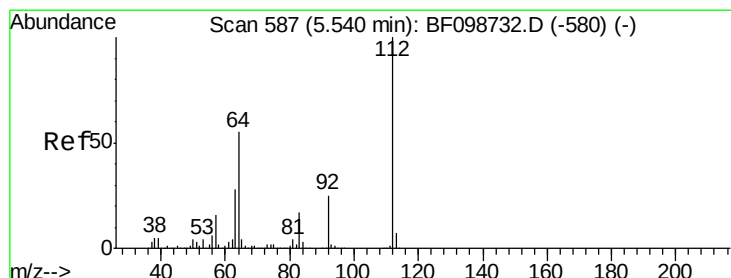
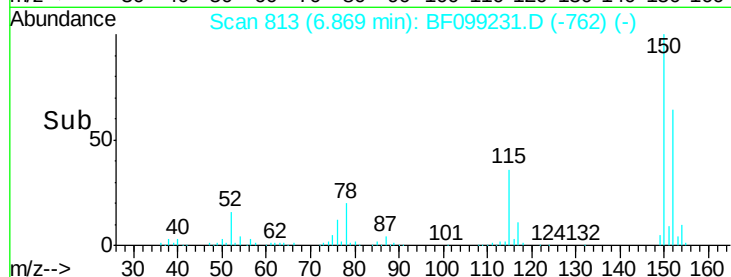
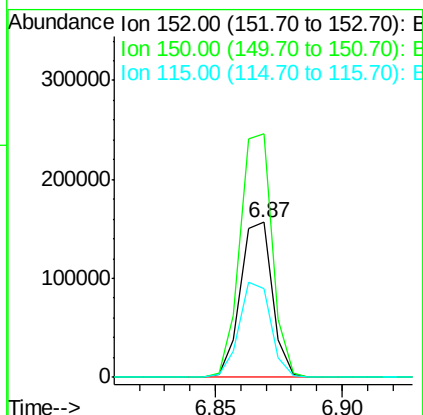
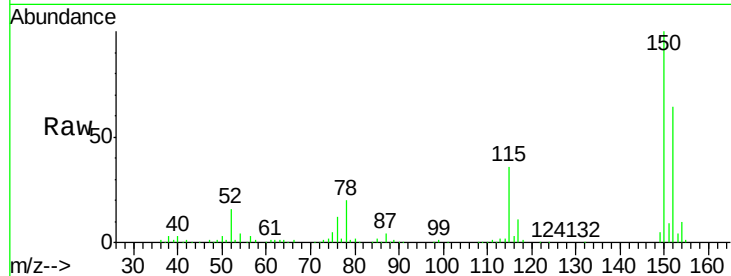


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF099231.D
Acq: 8 Oct 2017 14:42

Instrument :
BNA_F
ClientSampleId :

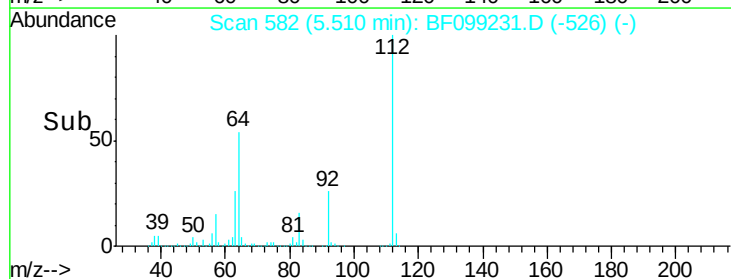
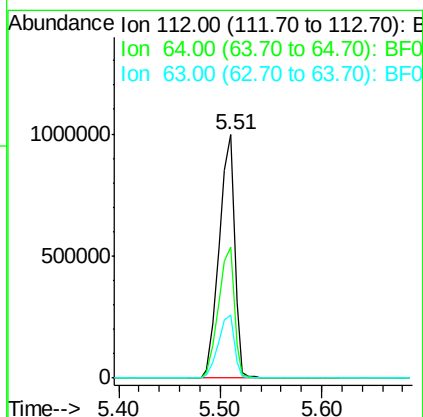
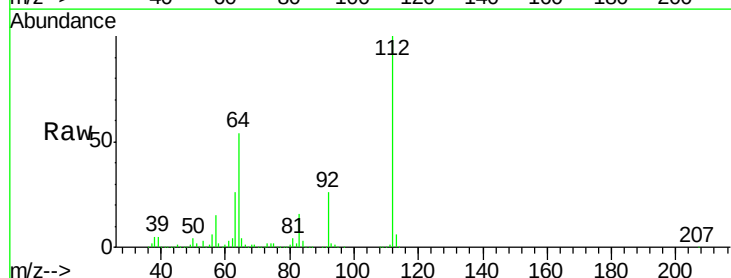
Tot Ion:152 Resp: 137244
Ion Ratio Lower Upper
152 100
150 157.1 124.6 186.8
115 57.3 50.1 75.1

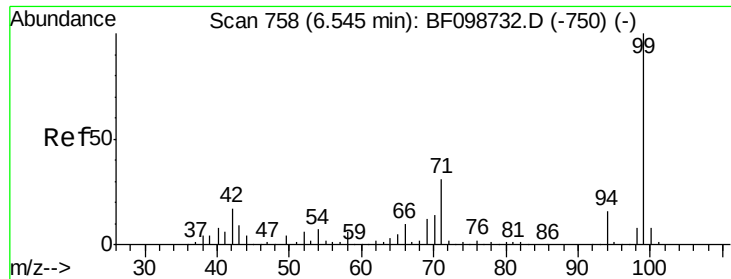


#5

2-Fluorophenol
Concen: 123.20 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.03 min
Lab File: BF099231.D
Acq: 8 Oct 2017 14:42

Tgt Ion:112 Resp: 1062189
Ion Ratio Lower Upper
112 100
64 53.7 47.9 71.9
63 26.1 23.7 35.5





#7

Phenol-d6

Concen: 118.69 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF099231.D

Acq: 8 Oct 2017 14:42

Instrument :

BNA_F

ClientSampleId :

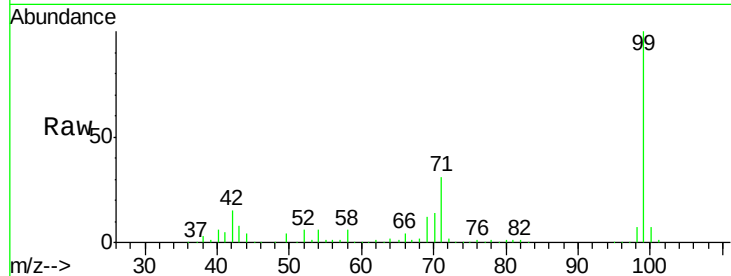
Tot Ion: 99 Resp: 1262293

Ion Ratio Lower Upper

99 100

42 15.3 14.5 21.7

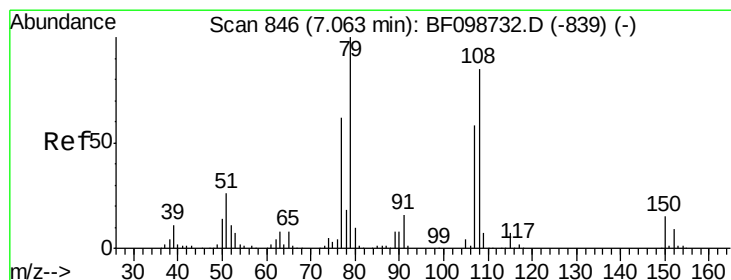
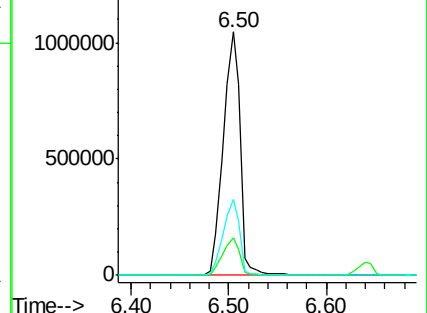
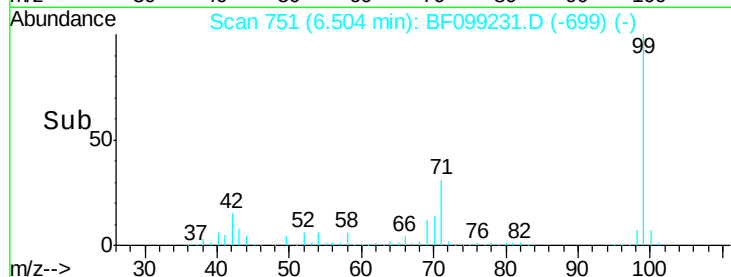
71 31.2 25.4 38.0



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



#15

Benzyl Alcohol

Concen: 10.96 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF099231.D

Acq: 8 Oct 2017 14:42

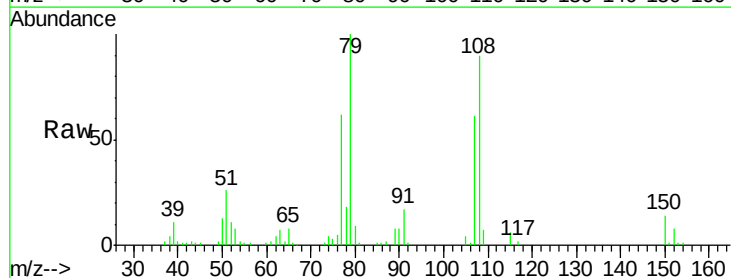
Tgt Ion: 79 Resp: 85517

Ion Ratio Lower Upper

79 100

108 90.3 65.1 97.7

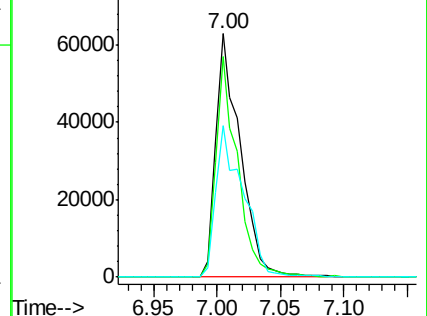
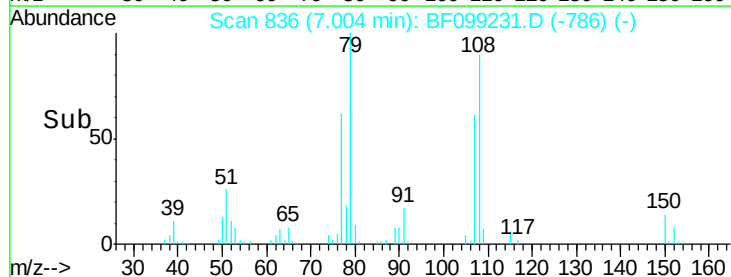
77 62.2 50.6 75.8

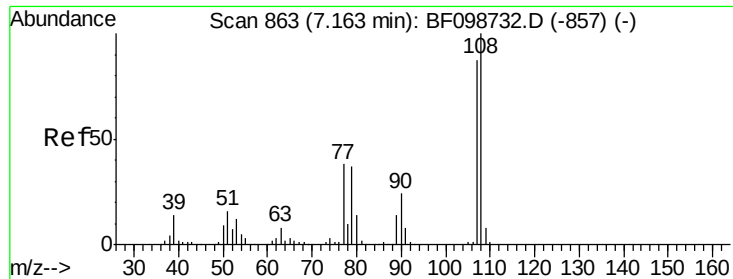


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#17

2-Methylphenol

Concen: 5.54 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.11 min

Lab File: BF099231.D

Acq: 8 Oct 2017 14:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 44233

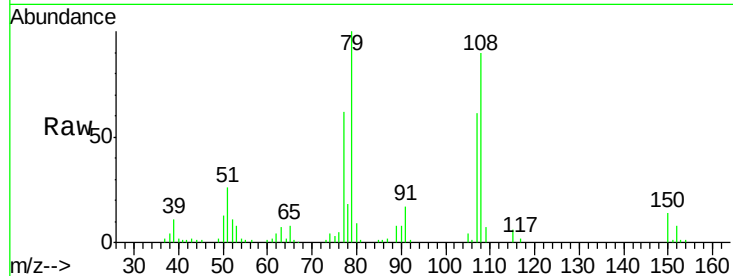
Ion Ratio Lower Upper

107 100

108 148.7 91.7 137.5#

77 102.4 33.8 50.8#

79 164.6 33.8 50.8#



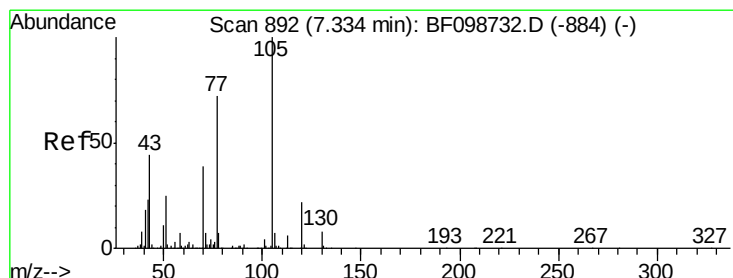
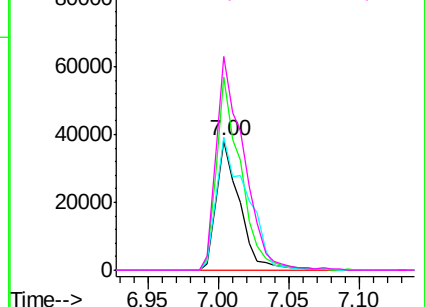
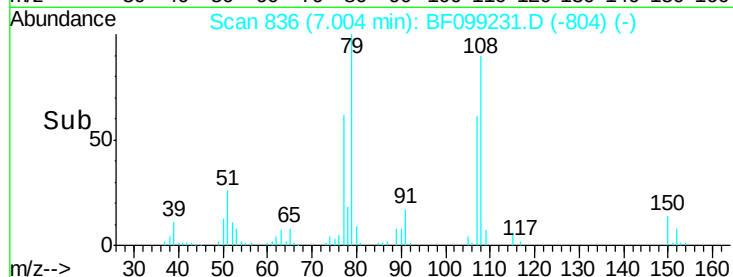
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 15.51 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.15 min

Lab File: BF099231.D

Acq: 8 Oct 2017 14:42

Tgt Ion: 70 Resp: 105297

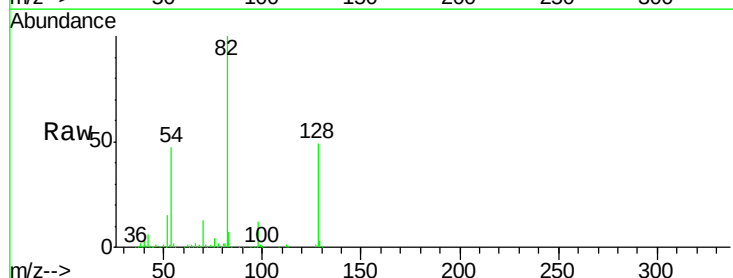
Ion Ratio Lower Upper

70 100

42 42.9 47.5 71.3#

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#



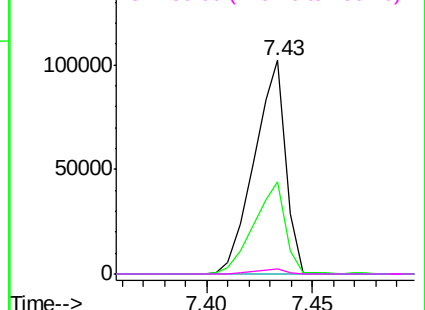
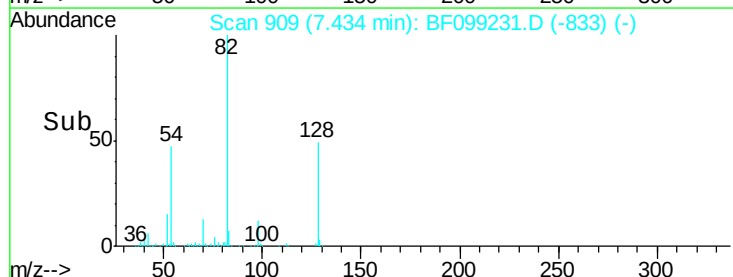
Abundance

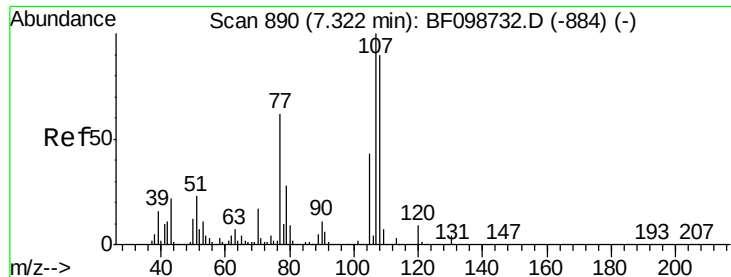
Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 4.38 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.27 min

Lab File: BF099231.D

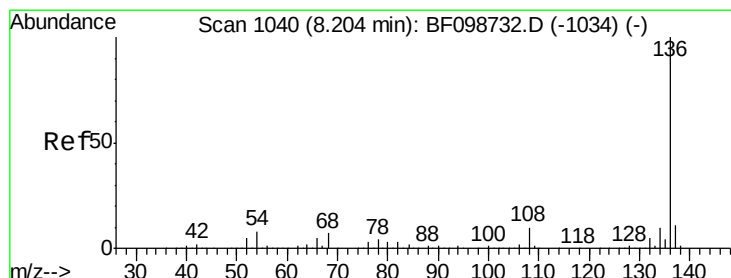
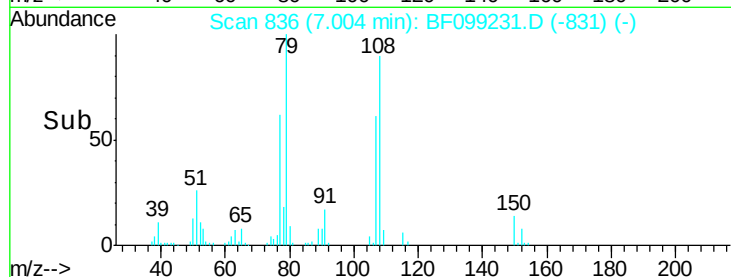
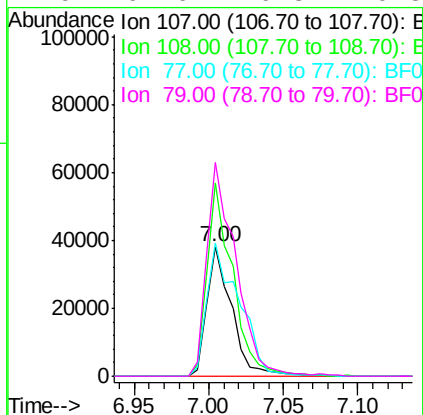
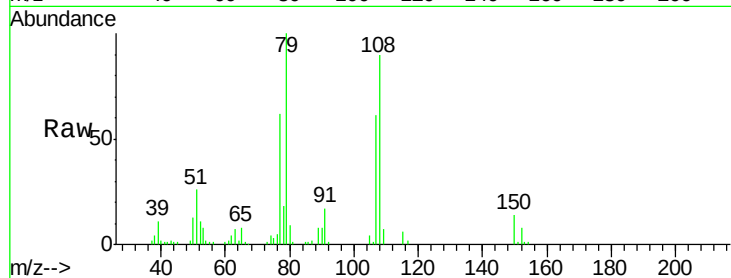
Acq: 8 Oct 2017 14:42

Instrument :

BNA_F

ClientSampled :

Tot Ion:	107	Resp:	44233
Ion	Ratio	Lower	Upper
107	100		
108	148.7	68.2	108.2#
77	102.4	26.7	66.7#
79	164.6	6.3	46.3#



#21

Naphthalene-d8

Concen: 20.00 ng

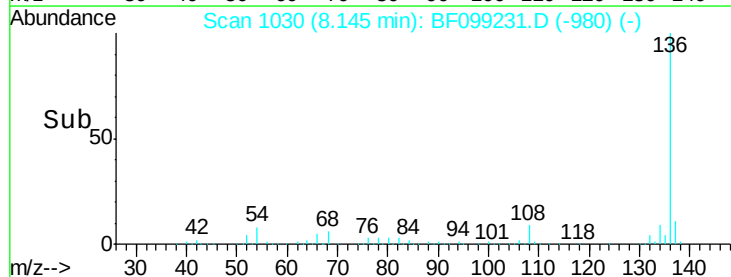
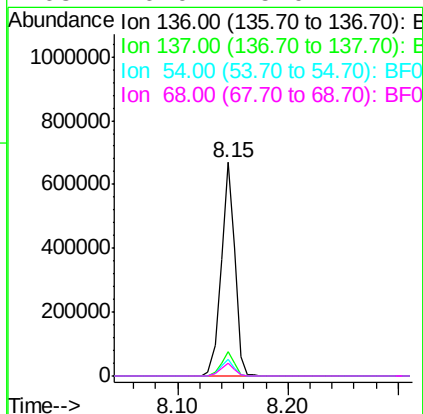
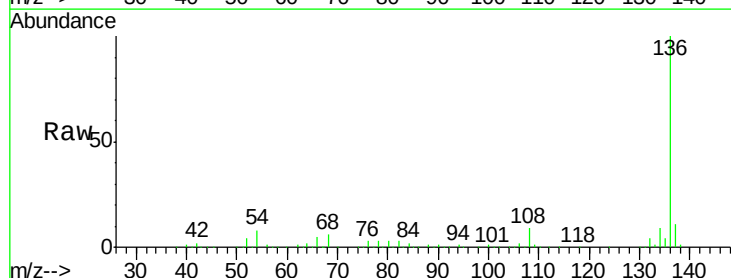
RT: 8.15 min Scan# 1030

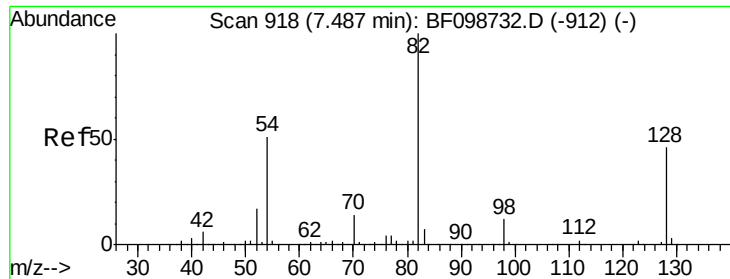
Delta R.T. -0.01 min

Lab File: BF099231.D

Acq: 8 Oct 2017 14:42

Tgt Ion:	136	Resp:	573806
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.7	6.6	9.8
68	6.0	5.0	7.4

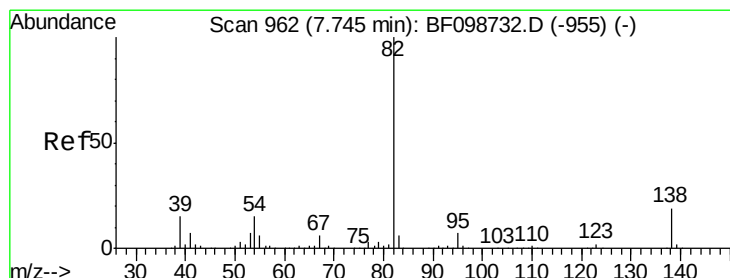
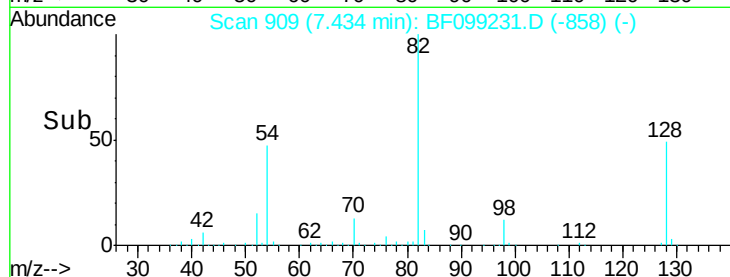
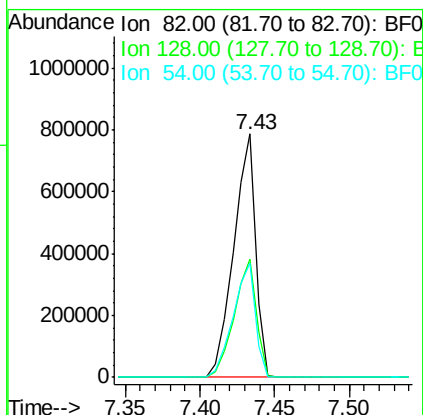
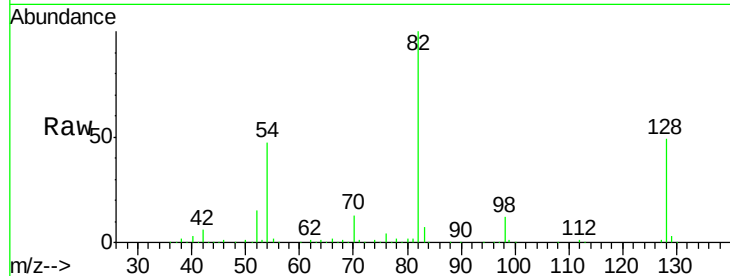




#23
 Nitrobenzene-d5
 Concen: 91.06 ng
 RT: 7.43 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BF099231.D
 Acq: 8 Oct 2017 14:42

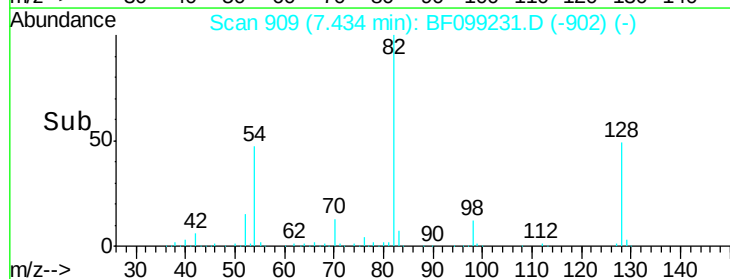
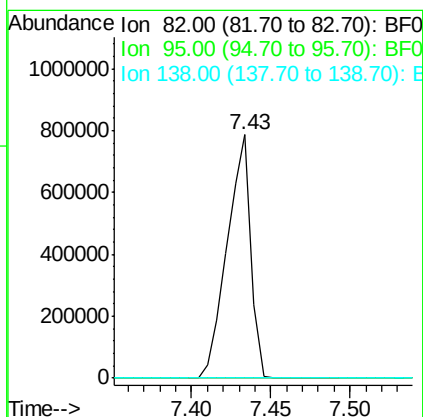
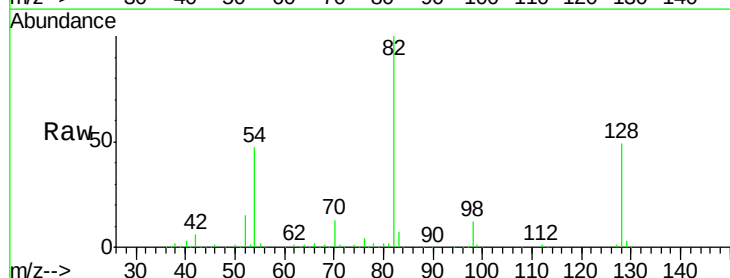
Instrument :
 BNA_F
 ClientSampled :

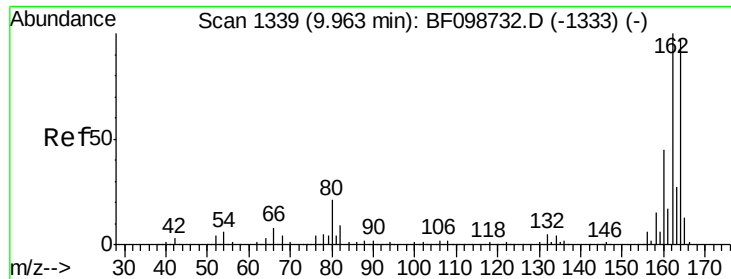
Tot Ion: 82 Resp: 814801
 Ion Ratio Lower Upper
 82 100
 128 48.8 36.1 54.1
 54 46.9 41.4 62.2



#25
 Isophorone
 Concen: 44.04 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.26 min
 Lab File: BF099231.D
 Acq: 8 Oct 2017 14:42

Tgt Ion: 82 Resp: 814784
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#

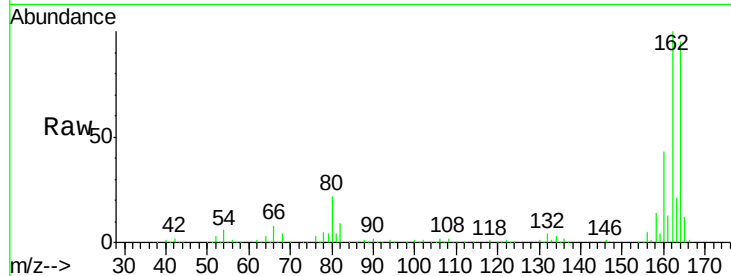




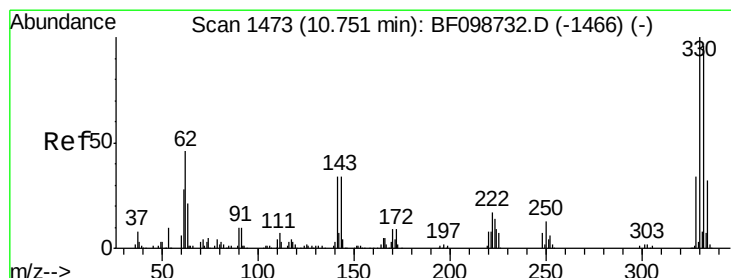
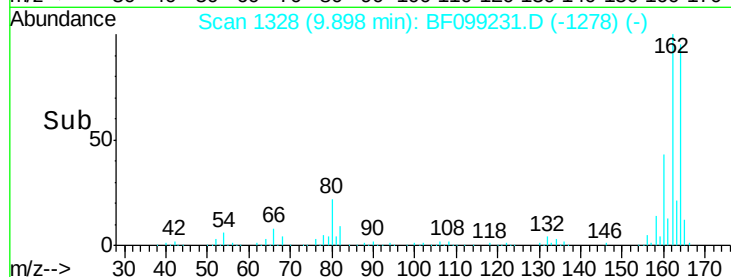
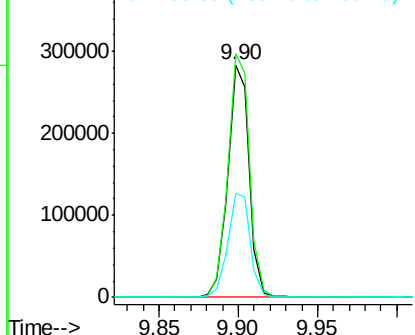
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF099231.D
Acq: 8 Oct 2017 14:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 263754
Ion Ratio Lower Upper
164 100
162 104.8 86.1 129.1
160 44.6 38.3 57.5

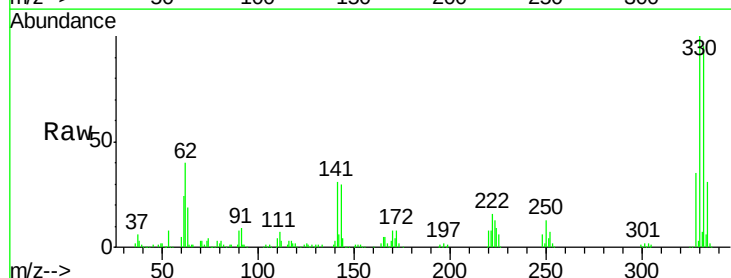


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

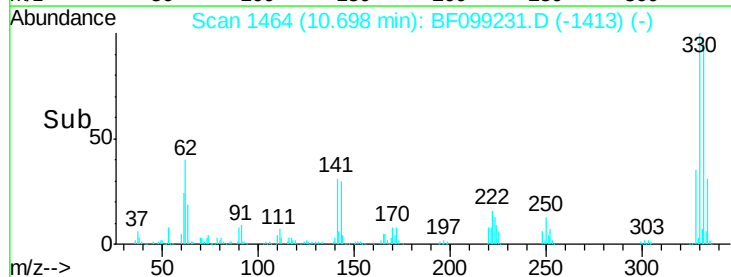
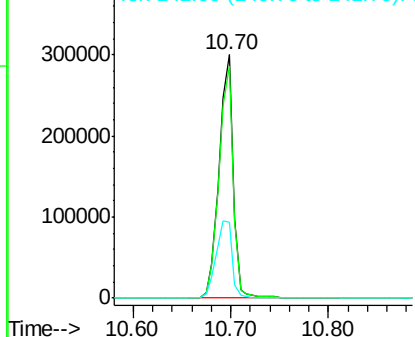


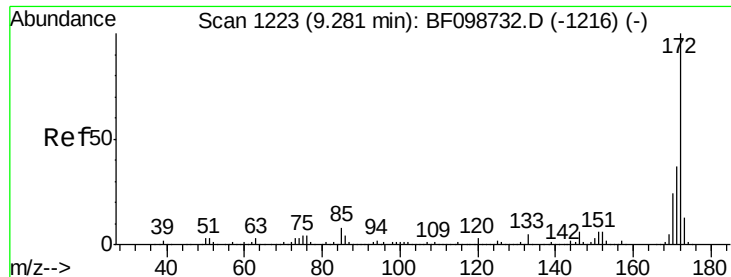
#41
2,4,6-Tribromophenol
Concen: 141.11 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.00 min
Lab File: BF099231.D
Acq: 8 Oct 2017 14:42

Tgt Ion:330 Resp: 304553
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.6
141 36.5 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

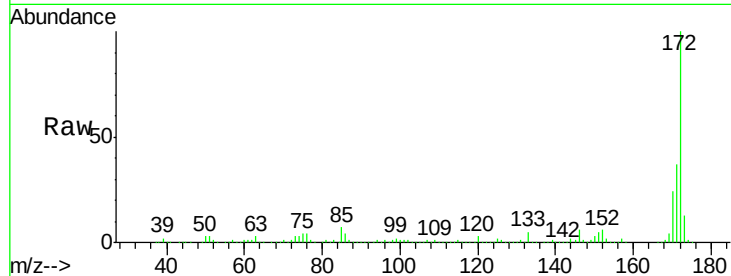




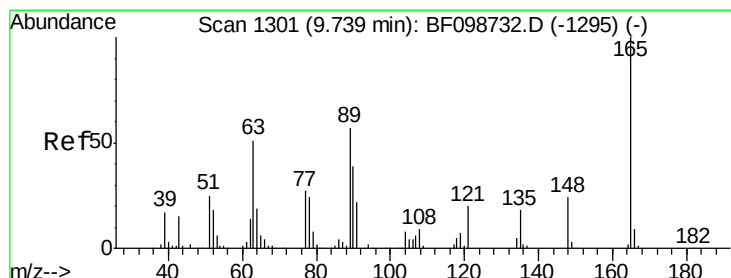
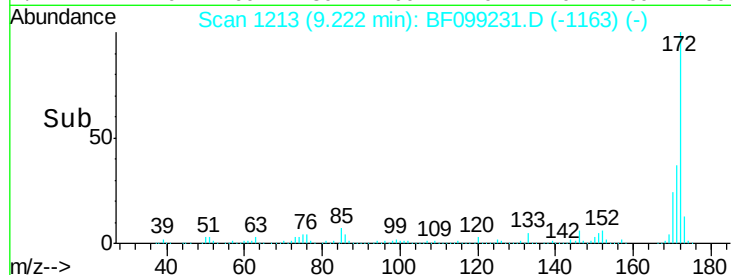
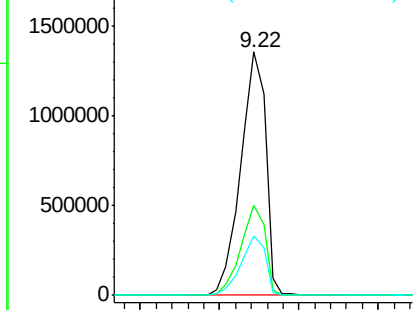
#44
 2-Fluorobiphenyl
 Concen: 93.88 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099231.D
 Acq: 8 Oct 2017 14:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1483211
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 24.2 19.6 29.4

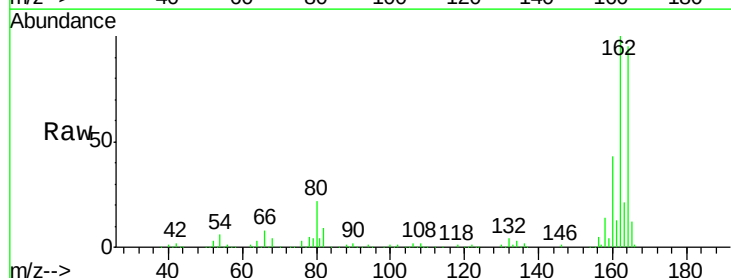


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

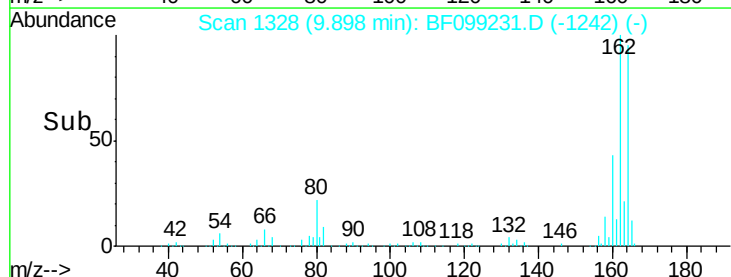
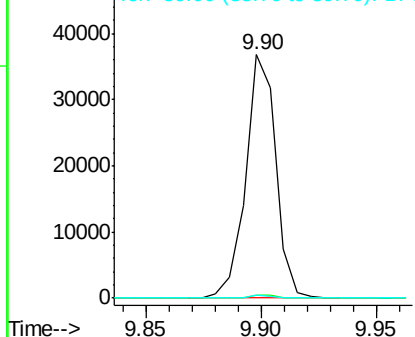


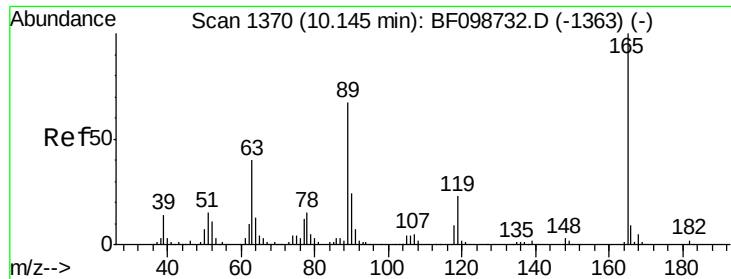
#50
 2,6-Dinitrotoluene
 Concen: 7.73 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.21 min
 Lab File: BF099231.D
 Acq: 8 Oct 2017 14:42

Tgt Ion:165 Resp: 33509
 Ion Ratio Lower Upper
 165 100
 63 1.4 44.7 67.1#
 89 1.2 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

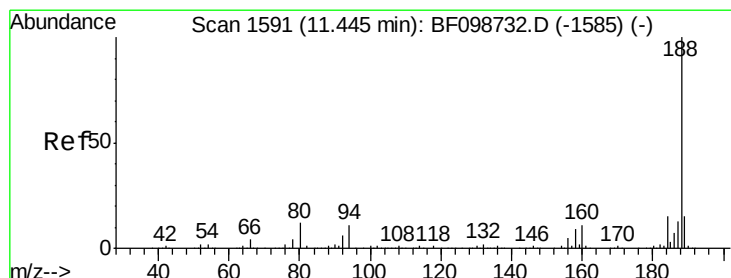
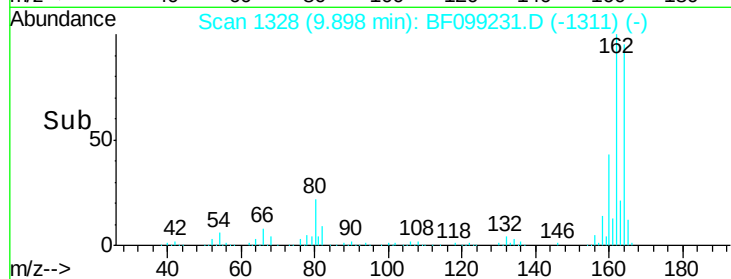
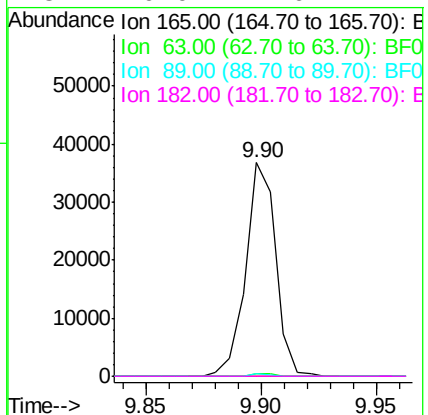
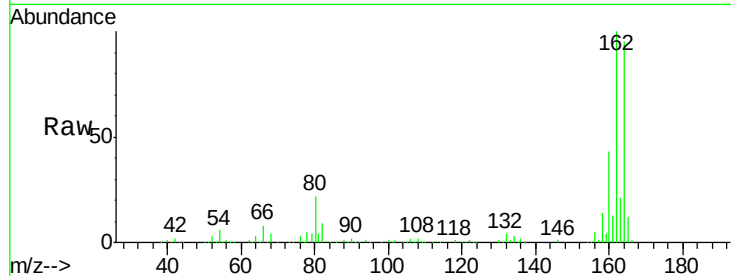




#56
 2,4-Dinitrotoluene
 Concen: 5.96 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.20 min
 Lab File: BF099231.D
 Acq: 8 Oct 2017 14:42

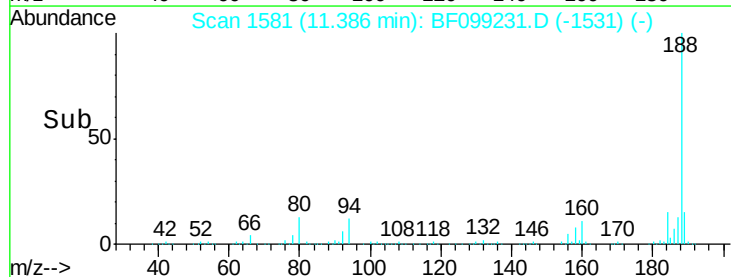
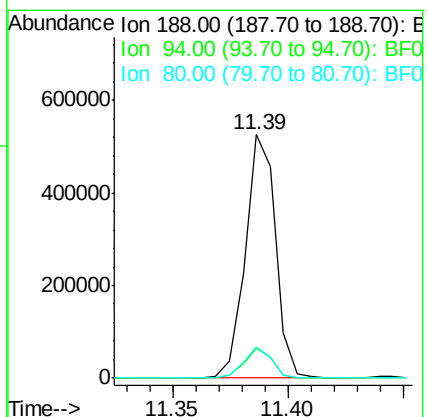
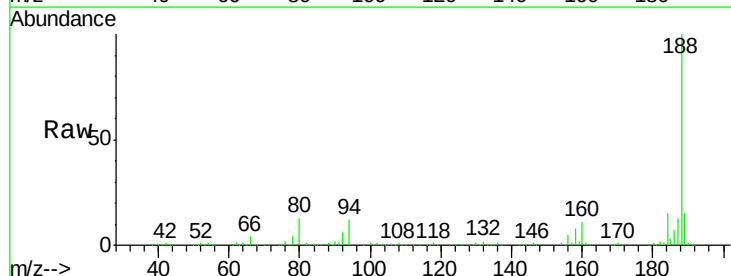
Instrument :
 BNA_F
 ClientSampleId :

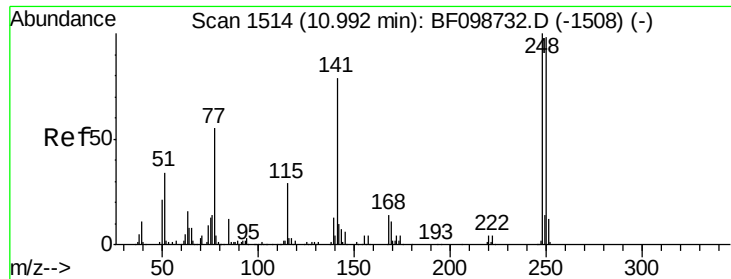
Tot Ion:165	Resp:	33509
Ion Ratio	Lower	Upper
165	100	
63	1.4	36.4 54.6#
89	1.2	57.8 86.6#
182	0.0	1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF099231.D
 Acq: 8 Oct 2017 14:42

Tgt Ion:188	Resp:	479129
Ion Ratio	Lower	Upper
188	100	
94	12.1	8.5 12.7
80	12.8	9.2 13.8

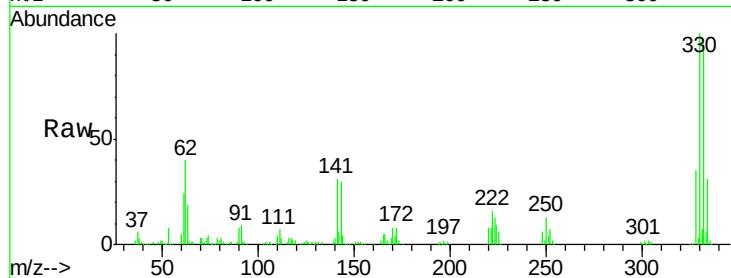




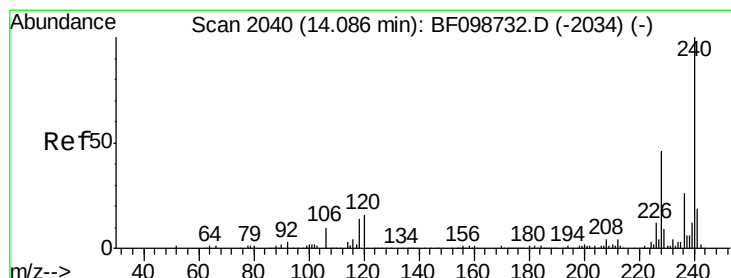
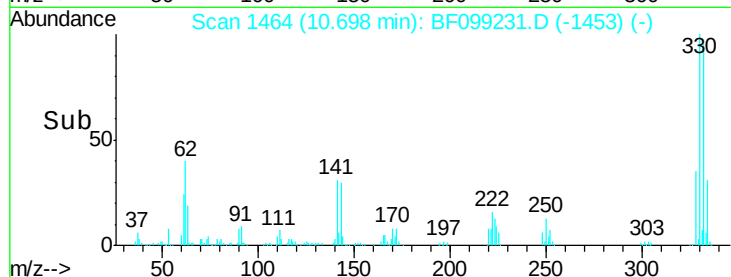
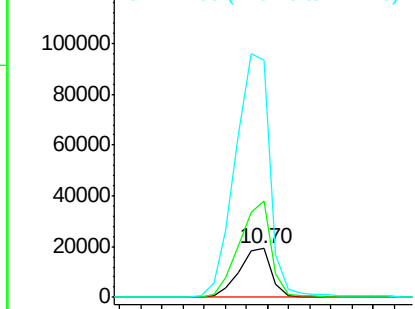
#66
4-Bromophenyl-phenylether
Concen: 4.39 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.24 min
Lab File: BF099231.D
Acq: 8 Oct 2017 14:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 20602
Ion Ratio Lower Upper
248 100
250 195.9 76.9 115.3#
141 484.7 74.4 111.6#

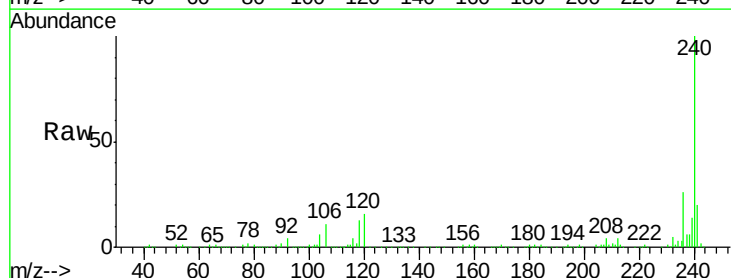


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

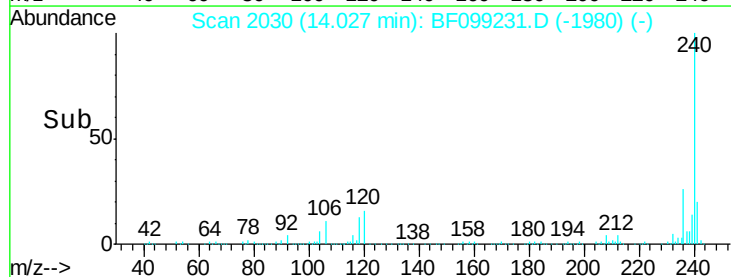
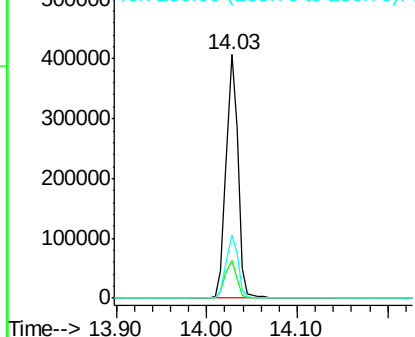


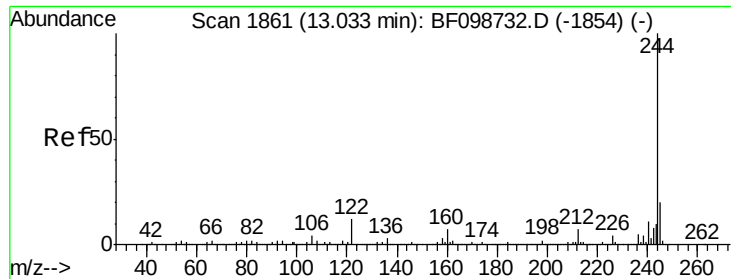
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF099231.D
Acq: 8 Oct 2017 14:42

Tgt Ion:240 Resp: 364752
Ion Ratio Lower Upper
240 100
120 15.5 9.5 14.3#
236 26.1 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: 86.04 ng

RT: 12.97 min Scan# 1851

Delta R.T. 0.00 min

Lab File: BF099231.D

Acq: 8 Oct 2017 14:42

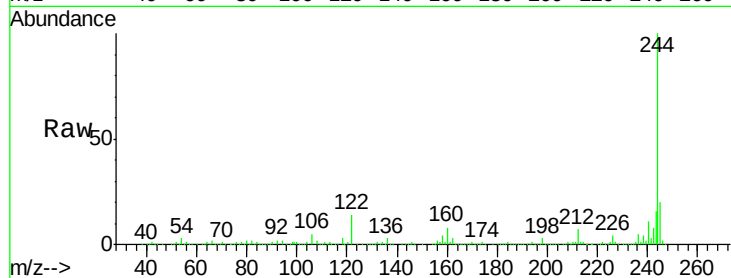
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 1379901

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	14.2	11.0	16.4

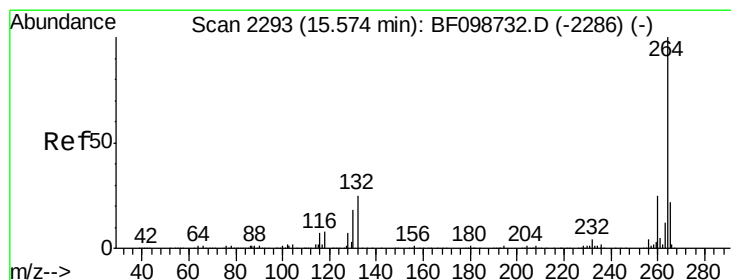
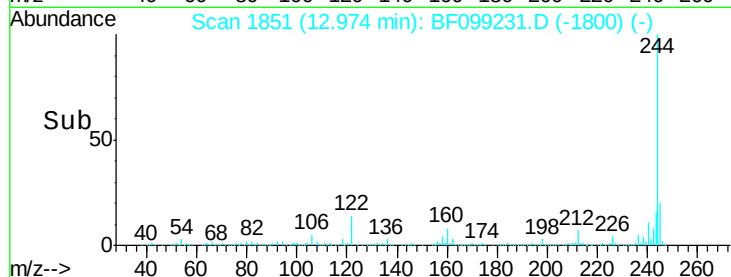
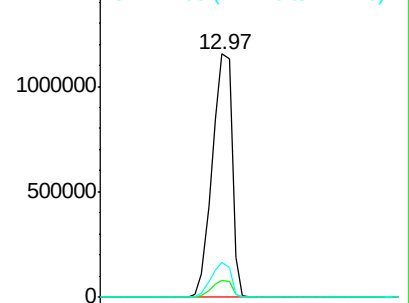


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.50 min Scan# 2281

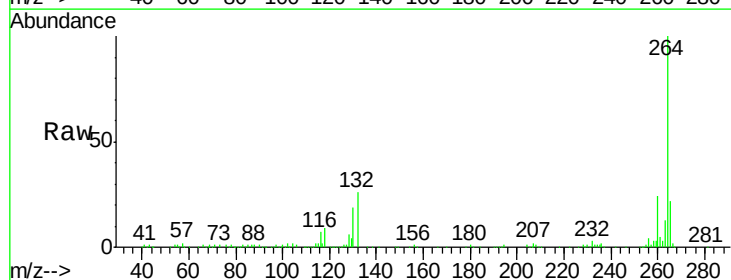
Delta R.T. 0.00 min

Lab File: BF099231.D

Acq: 8 Oct 2017 14:42

Tgt Ion:264 Resp: 265379

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.8	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

