

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100817\
 Data File : BF099232.D
 Acq On : 8 Oct 2017 15:10
 Operator : SJ/JU
 Sample : I5714-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 09 01:10:23 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	155093	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	643596	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	299987	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	529852	20.00	ng	0.00
75) Chrysene-d12	14.03	240	407654	20.00	ng	0.00
86) Perylene-d12	15.50	264	300668	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.51	112	1071626	109.99	ng	0.03
7) Phenol-d6	6.50	99	1214224	101.03	ng	0.00
23) Nitrobenzene-d5	7.43	82	866775	86.37	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	310965	126.68	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1550834	86.30	ng	0.00
78) Terphenyl-d14	12.97	244	1403533	78.30	ng	0.00

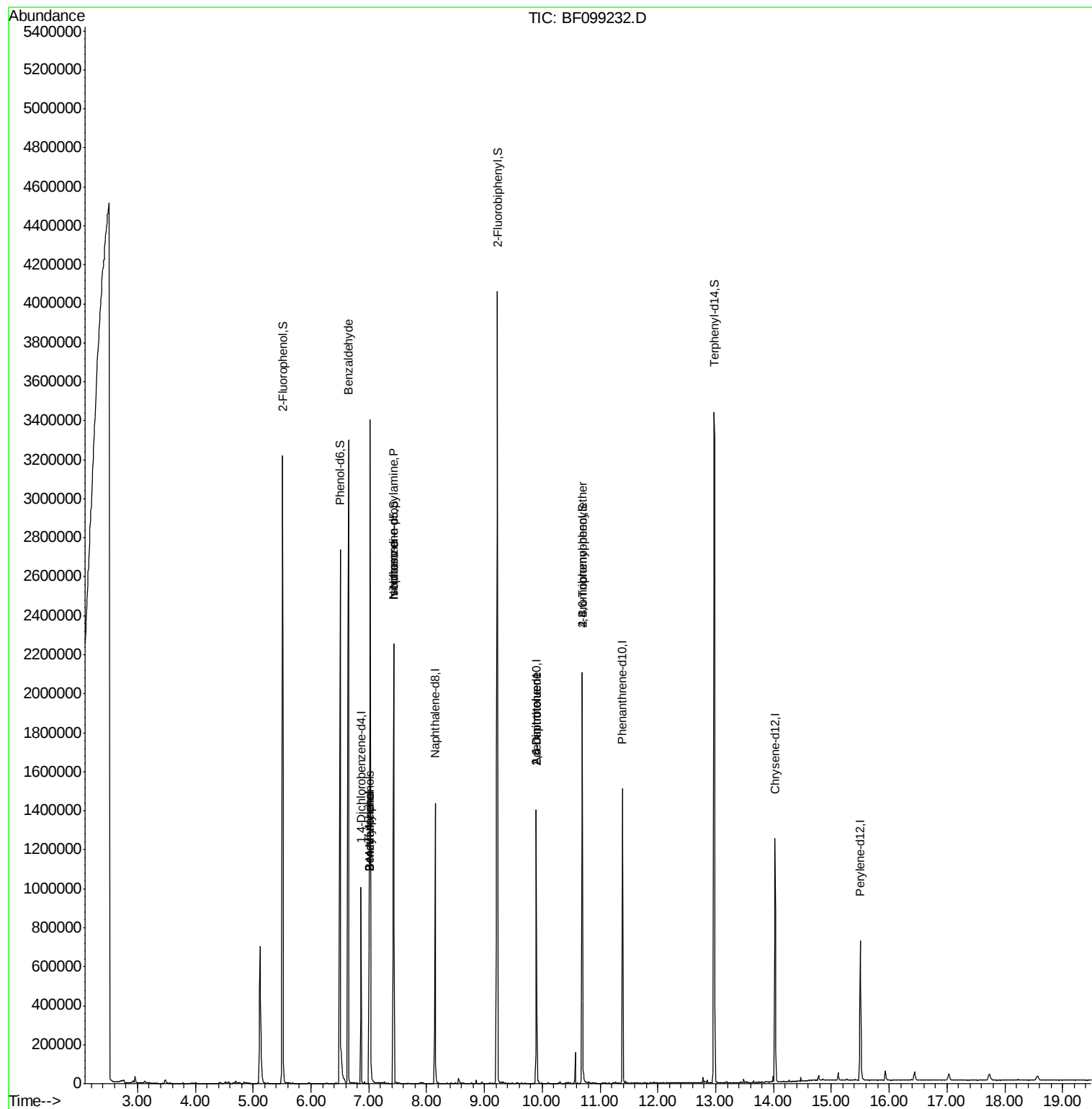
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.64	77	21791	3.13	ng	87
15) Benzyl Alcohol	7.00	79	143909	16.32	ng	95
17) 2-Methylphenol	7.00	107	79677	8.83	ng	# 27
19) n-Nitroso-di-n-propylamine	7.43	70	111554	14.54	ng	# 73
20) 3+4-Methylphenols	7.00	107	79676	6.98	ng	# 3
25) Isophorone	7.43	82	866762	41.77	ng	# 64
50) 2,6-Dinitrotoluene	9.90	165	38587	7.83	ng	# 25
56) 2,4-Dinitrotoluene	9.90	165	38587	6.03	ng	# 23
66) 4-Bromophenyl-phenylether	10.70	248	20670	3.99	ng	# 1

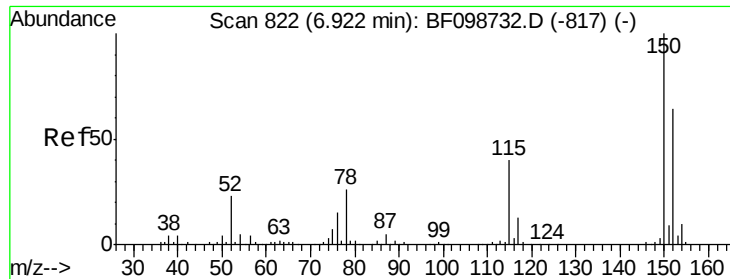
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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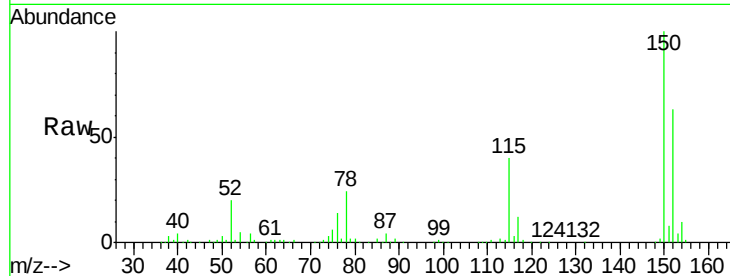


#1

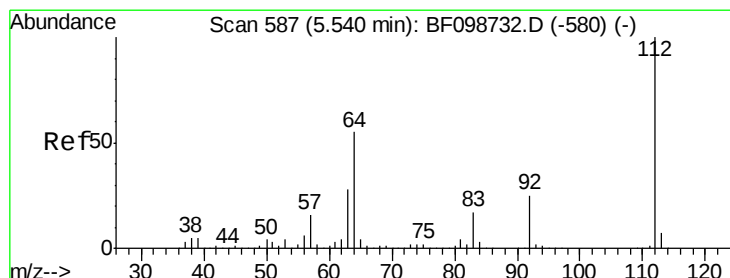
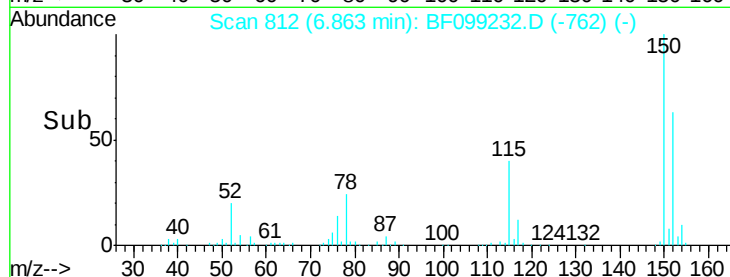
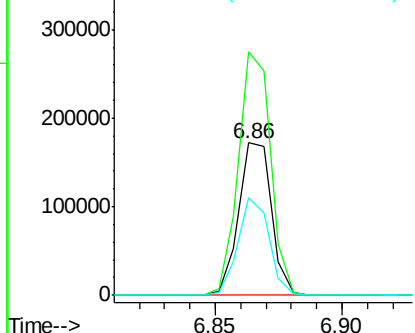
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099232.D
Acq: 8 Oct 2017 15:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 155093
Ion Ratio Lower Upper
152 100
150 159.5 124.6 186.8
115 63.8 50.1 75.1



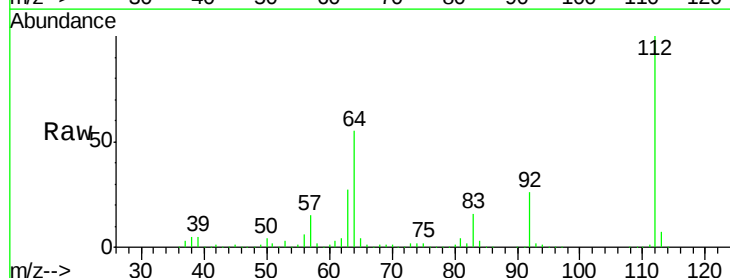
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



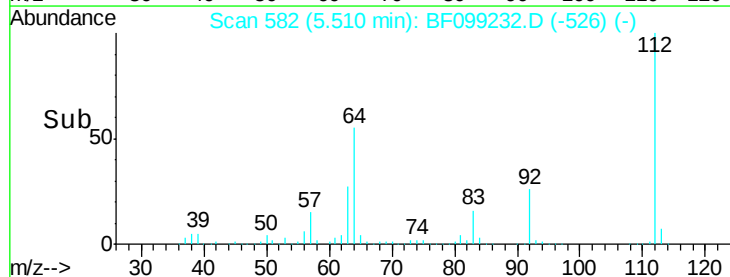
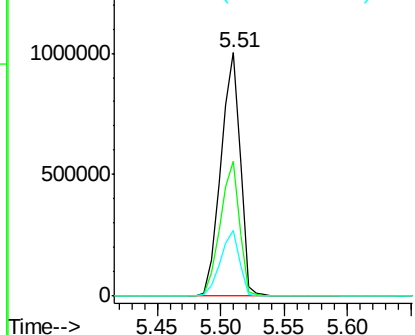
#5

2-Fluorophenol
Concen: 109.99 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.03 min
Lab File: BF099232.D
Acq: 8 Oct 2017 15:10

Tgt Ion:112 Resp: 1071626
Ion Ratio Lower Upper
112 100
64 55.2 47.9 71.9
63 27.0 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: 101.03 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF099232.D

Acq: 8 Oct 2017 15:10

Instrument :

BNA_F

ClientSampled :

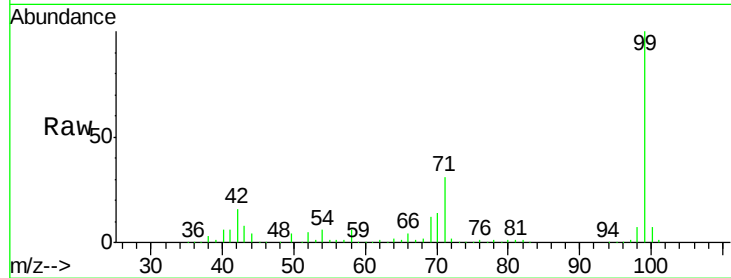
Tot Ion: 99 Resp: 1214224

Ion Ratio Lower Upper

99 100

42 15.7 14.5 21.7

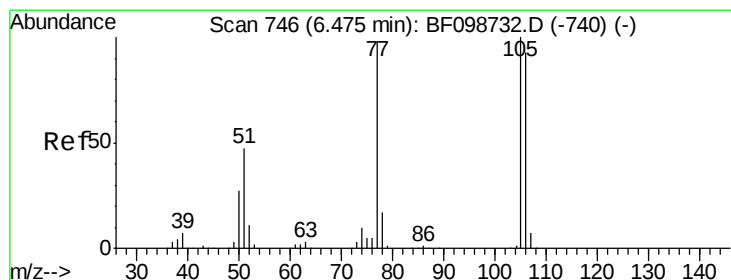
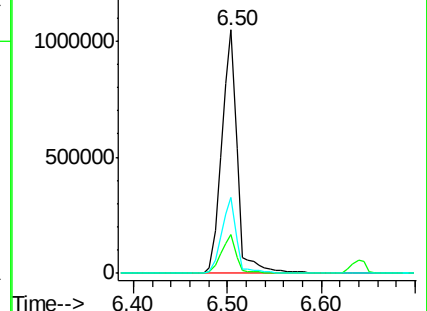
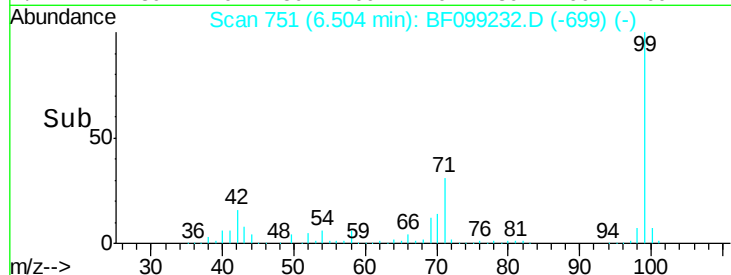
71 31.1 25.4 38.0



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: 3.13 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.22 min

Lab File: BF099232.D

Acq: 8 Oct 2017 15:10

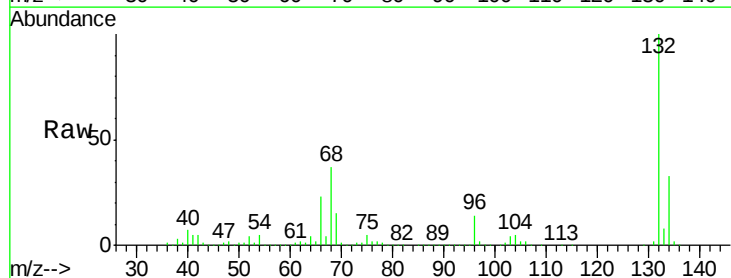
Tgt Ion: 77 Resp: 21791

Ion Ratio Lower Upper

77 100

105 81.8 81.1 121.1

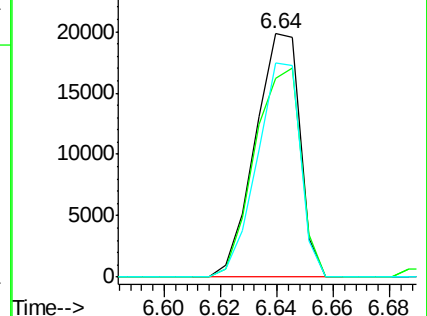
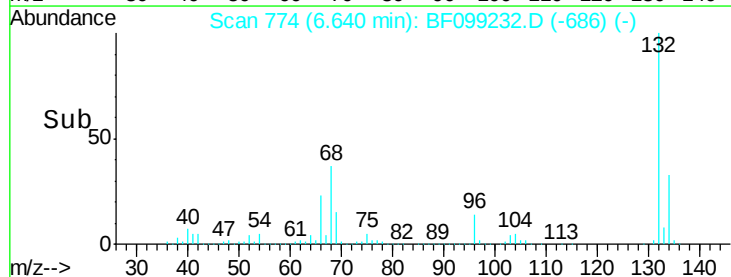
106 88.0 74.5 114.5

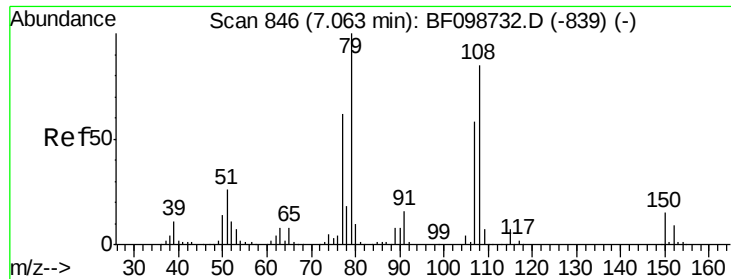


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 16.32 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF099232.D

Acq: 8 Oct 2017 15:10

Instrument :

BNA_F

ClientSampleId :

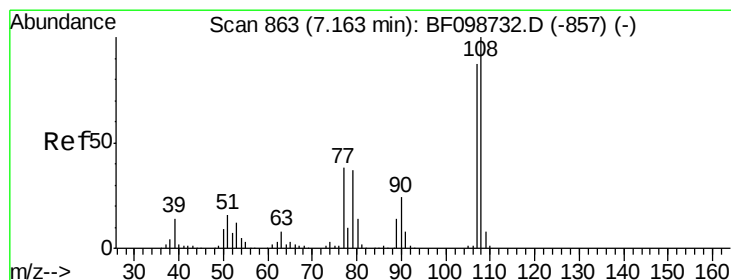
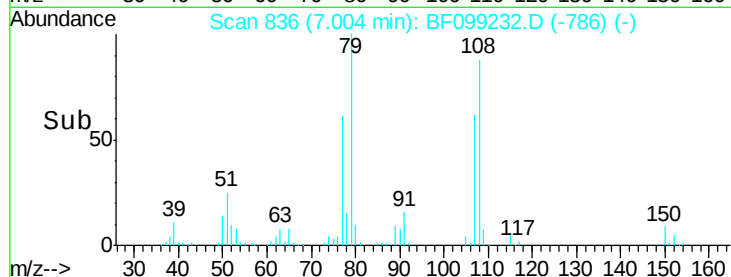
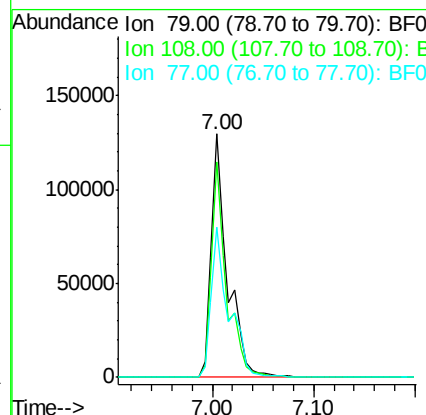
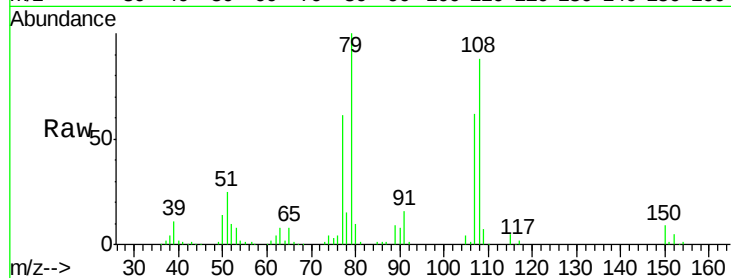
Tot Ion: 79 Resp: 143909

Ion Ratio Lower Upper

79 100

108 88.3 65.1 97.7

77 61.5 50.6 75.8



#17

2-Methylphenol

Concen: 8.83 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.11 min

Lab File: BF099232.D

Acq: 8 Oct 2017 15:10

Tgt Ion: 107 Resp: 79677

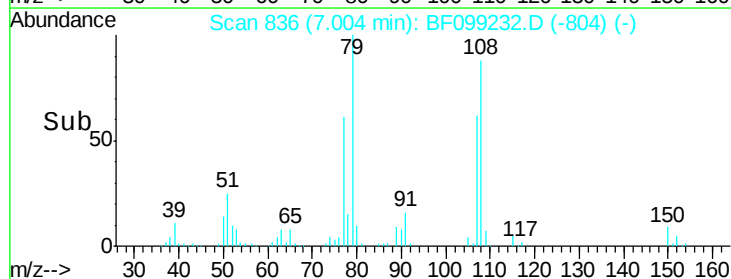
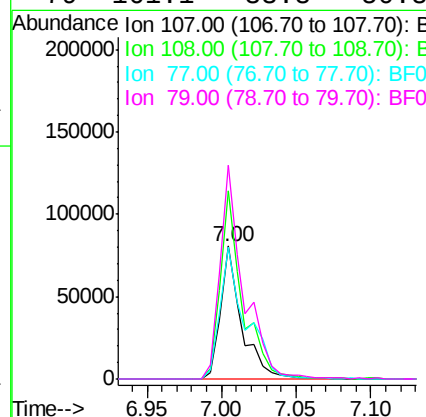
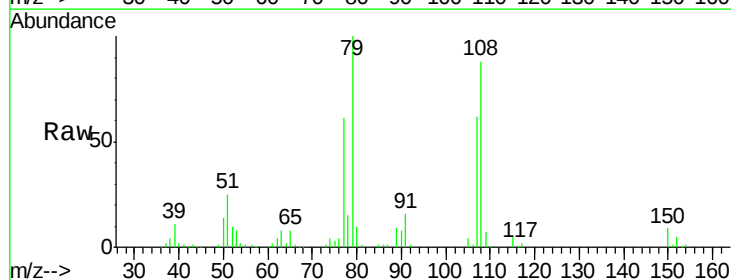
Ion Ratio Lower Upper

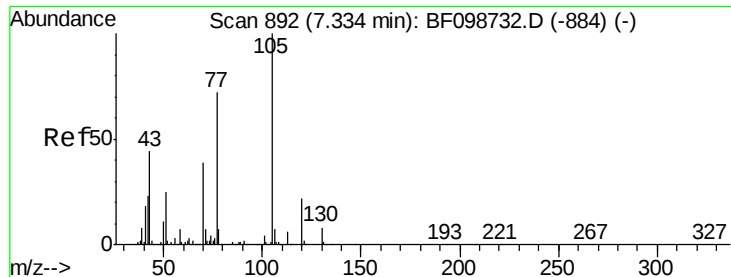
107 100

108 142.2 91.7 137.5#

77 99.0 33.8 50.8#

79 161.1 33.8 50.8#

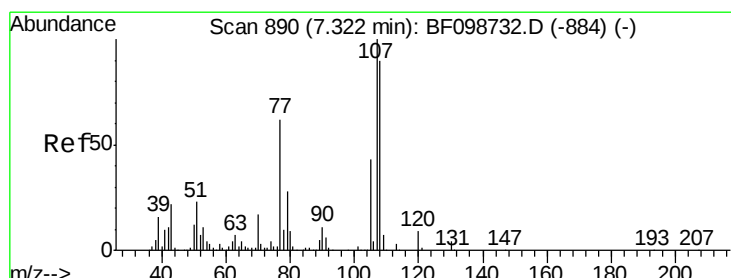
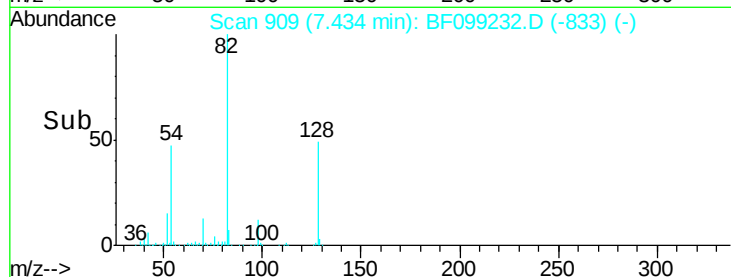
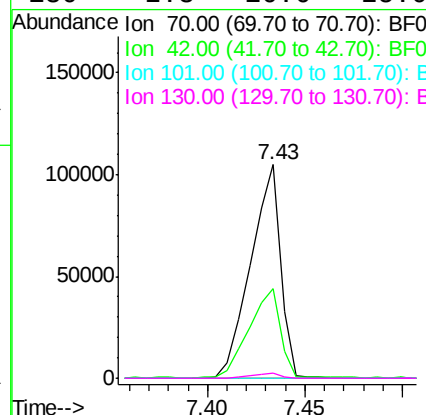
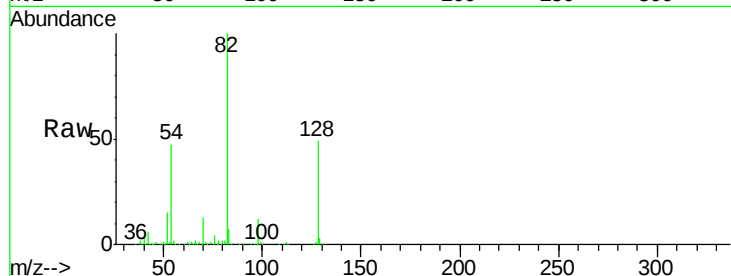




#19
n-Nitroso-di-n-propylamine
Concen: 14.54 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.15 min
Lab File: BF099232.D
Acq: 8 Oct 2017 15:10

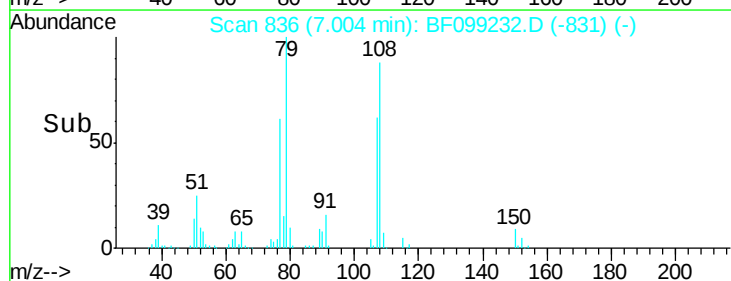
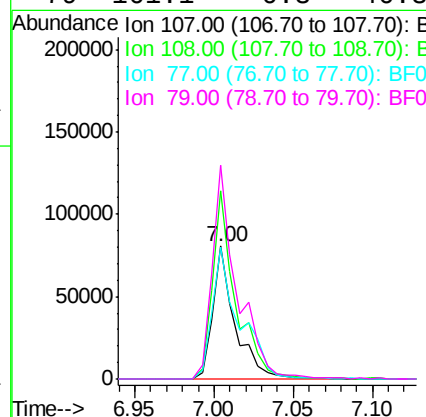
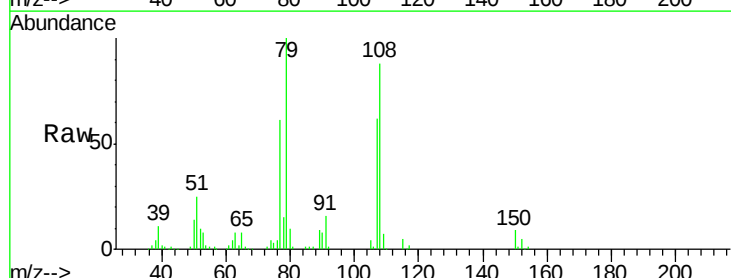
Instrument :
BNA_F
ClientSampleId :

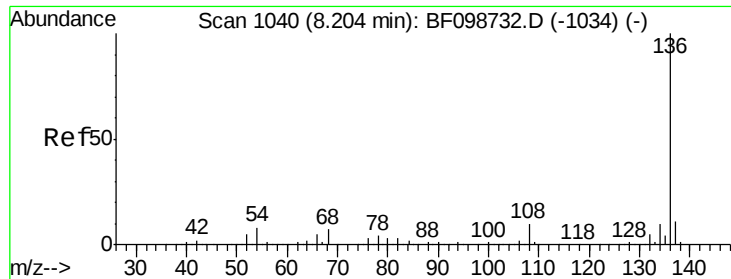
Tot Ion: 70 Resp: 111554
Ion Ratio Lower Upper
70 100
42 41.8 47.5 71.3#
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#20
3+4-Methylphenols
Concen: 6.98 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.27 min
Lab File: BF099232.D
Acq: 8 Oct 2017 15:10

Tgt Ion:107 Resp: 79676
Ion Ratio Lower Upper
107 100
108 142.2 68.2 108.2#
77 99.0 26.7 66.7#
79 161.1 6.3 46.3#

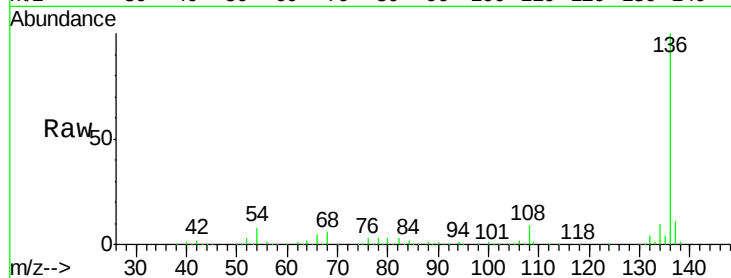




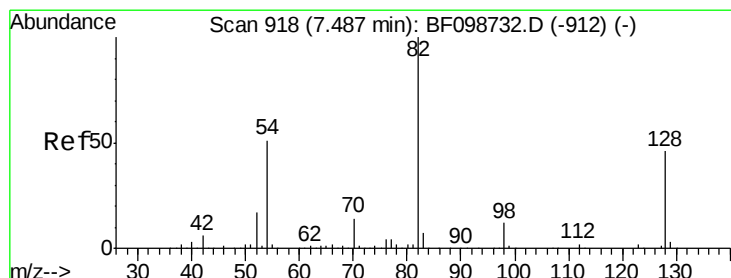
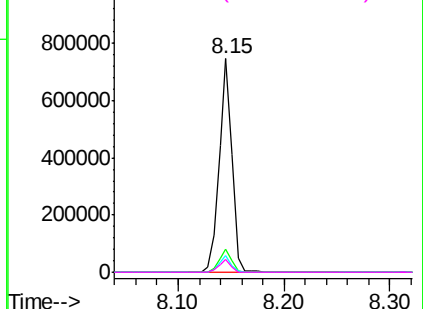
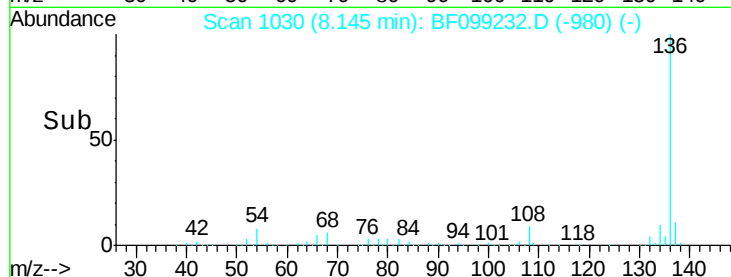
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099232.D
Acq: 8 Oct 2017 15:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	643596
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	7.8	6.6 9.8
68	5.9	5.0 7.4

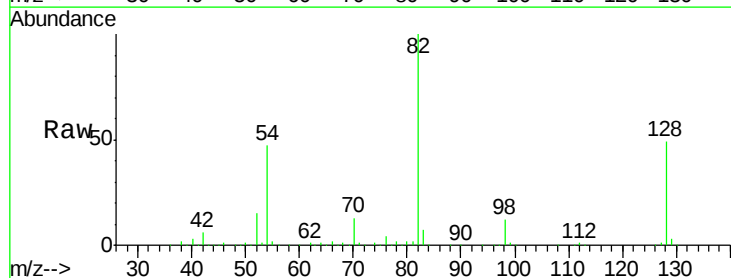


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

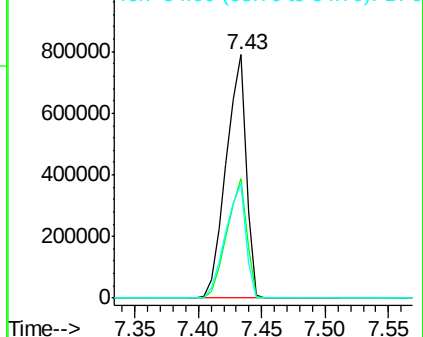
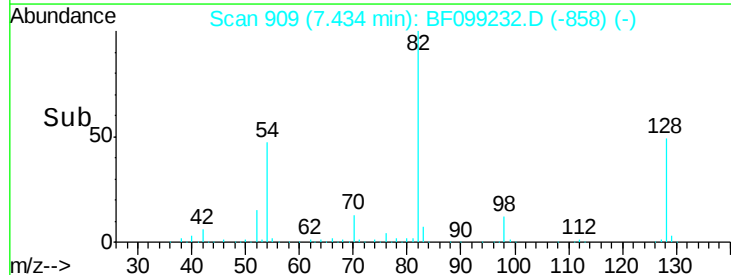


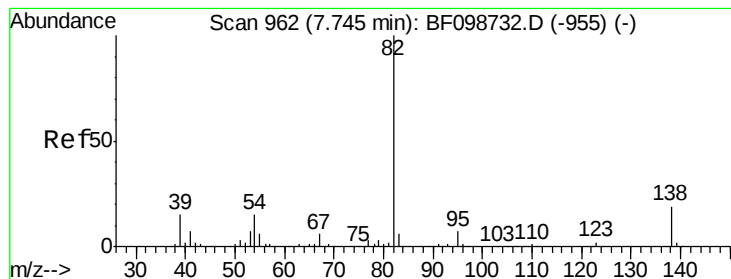
#23
Nitrobenzene-d5
Concen: 86.37 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.00 min
Lab File: BF099232.D
Acq: 8 Oct 2017 15:10

Tgt Ion: 82	Resp:	866775
Ion Ratio	Lower	Upper
82	100	
128	49.0	36.1 54.1
54	46.7	41.4 62.2



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





#25

Isophorone

Concen: 41.77 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.26 min

Lab File: BF099232.D

Acq: 8 Oct 2017 15:10

Instrument :

BNA_F

ClientSampled :

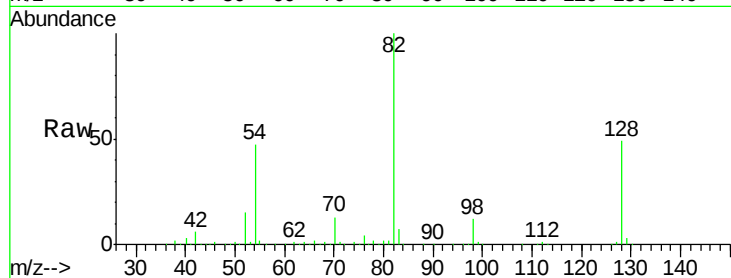
Tot Ion: 82 Resp: 866762

Ion Ratio Lower Upper

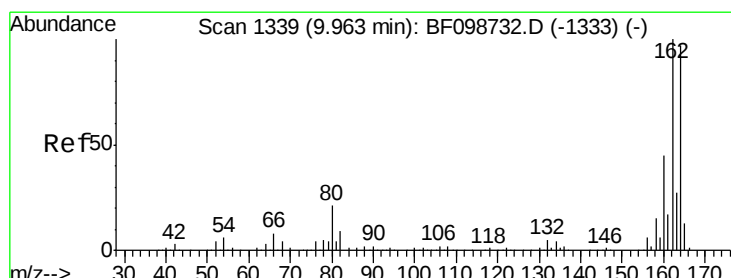
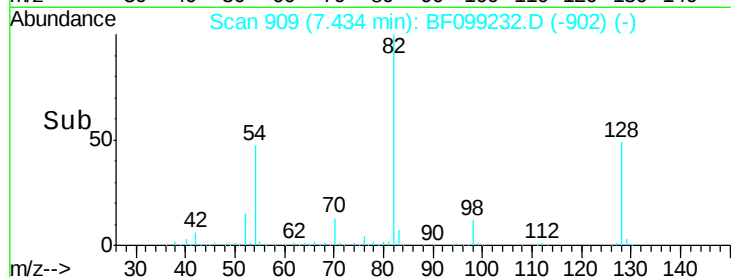
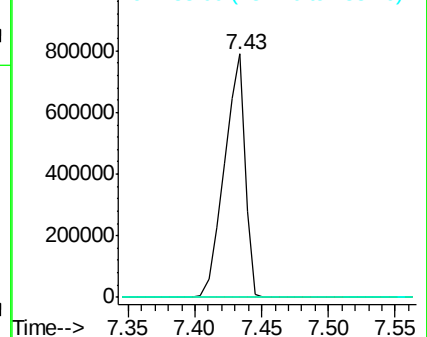
82 100

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: BF099232.D

Acq: 8 Oct 2017 15:10

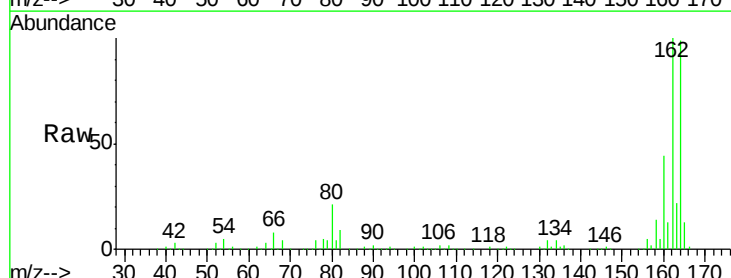
Tgt Ion: 164 Resp: 299987

Ion Ratio Lower Upper

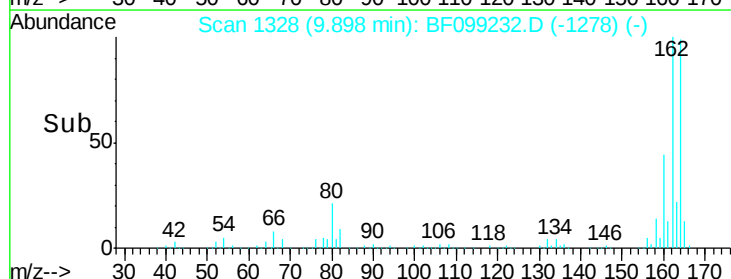
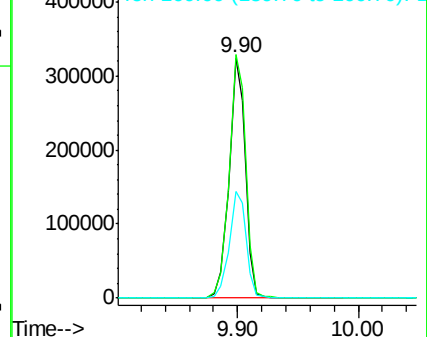
164 100

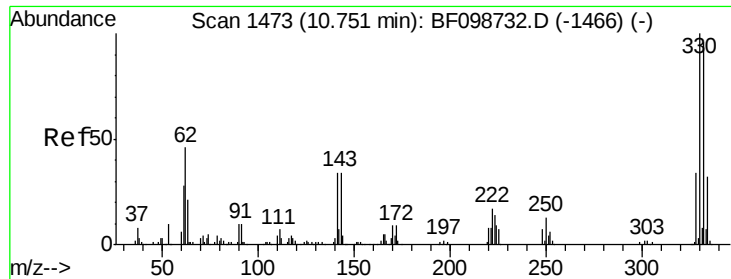
162 101.5 86.1 129.1

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

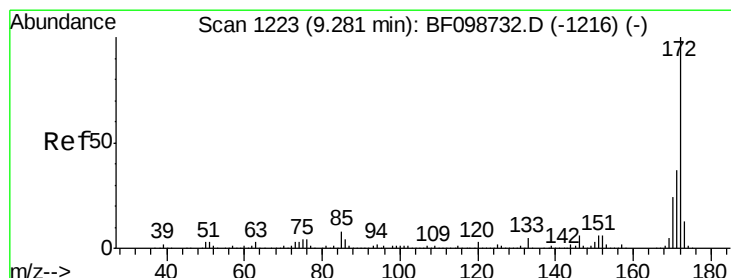
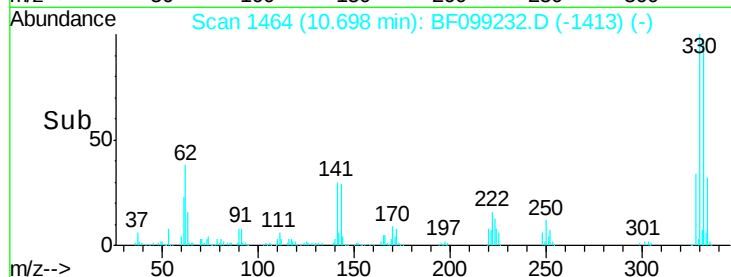
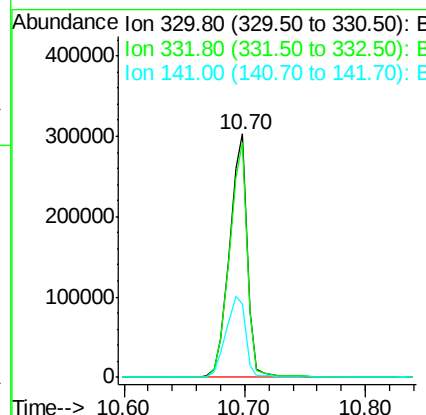
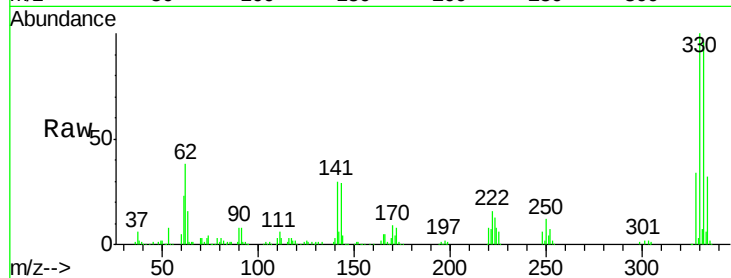




#41
 2,4,6-Tribromophenol
 Concen: 126.68 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.00 min
 Lab File: BF099232.D
 Acq: 8 Oct 2017 15:10

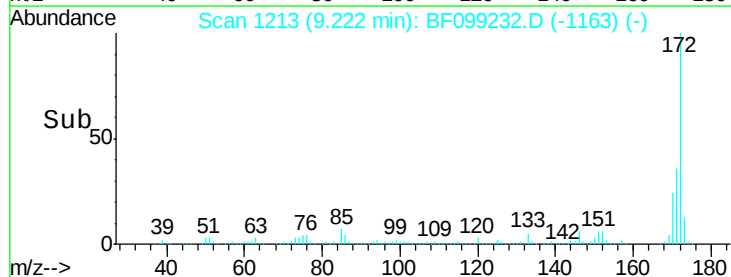
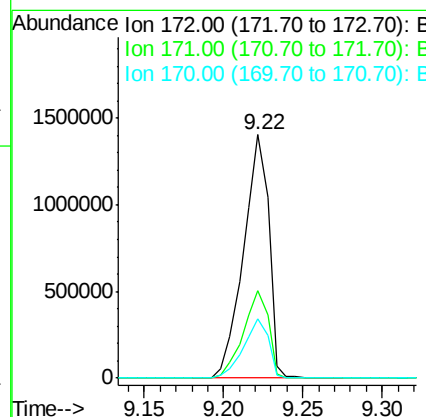
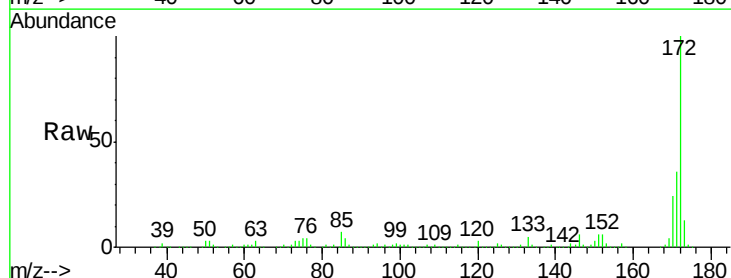
Instrument :
 BNA_F
 ClientSampleId :

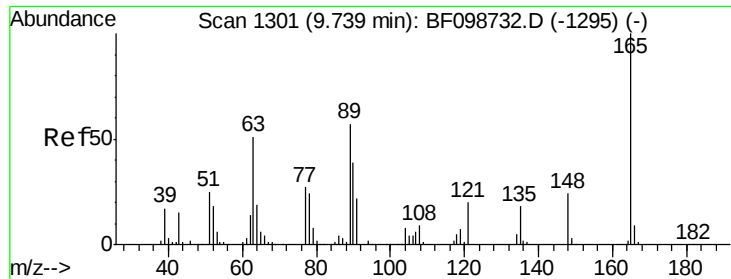
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	37.1	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 86.30 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099232.D
 Acq: 8 Oct 2017 15:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.1	19.6	29.4

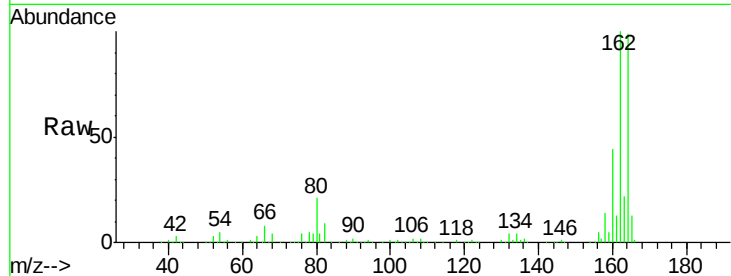




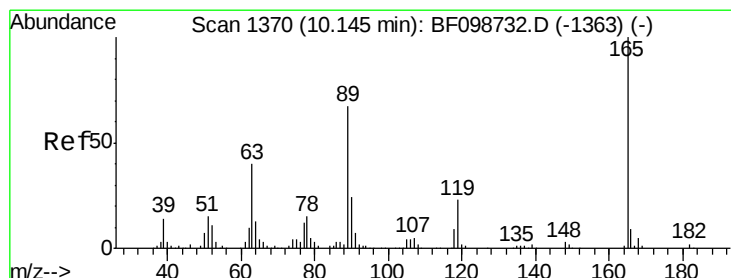
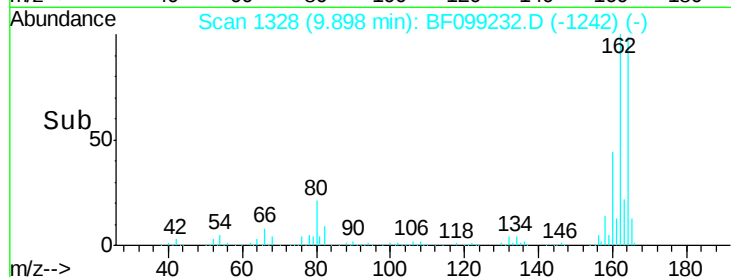
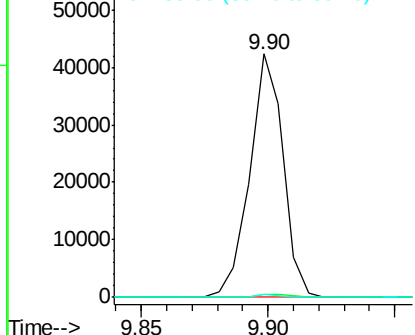
#50
2,6-Dinitrotoluene
Concen: 7.83 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.21 min
Lab File: BF099232.D
Acq: 8 Oct 2017 15:10

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	1.1	44.0	66.0#



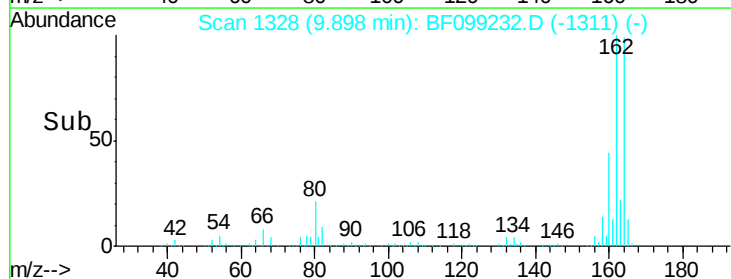
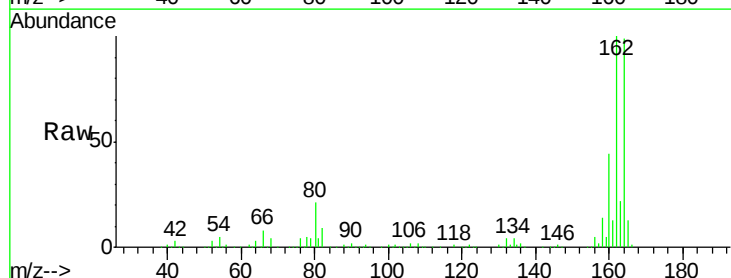
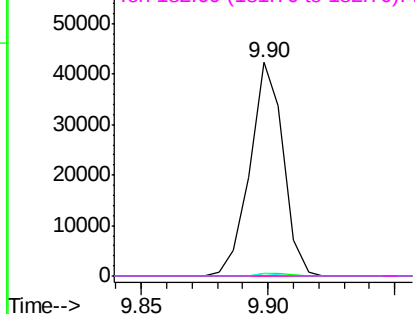
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

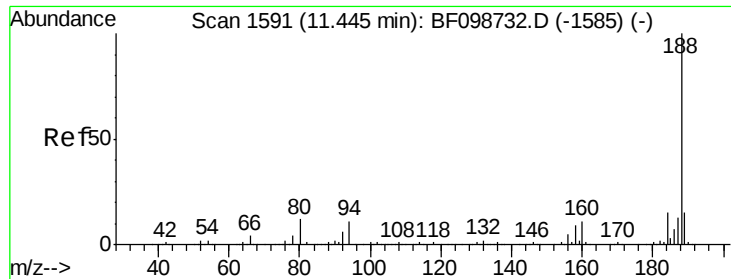


#56
2,4-Dinitrotoluene
Concen: 6.03 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.20 min
Lab File: BF099232.D
Acq: 8 Oct 2017 15:10

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.1	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

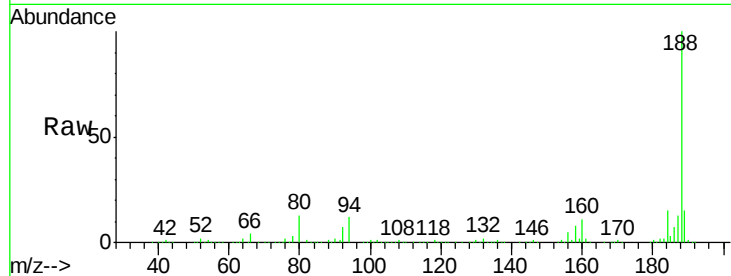




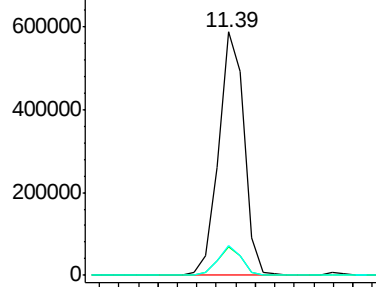
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099232.D
Acq: 8 Oct 2017 15:10

Instrument :
BNA_F
ClientSampleId :

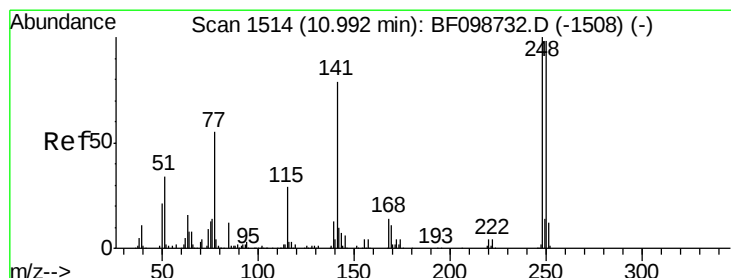
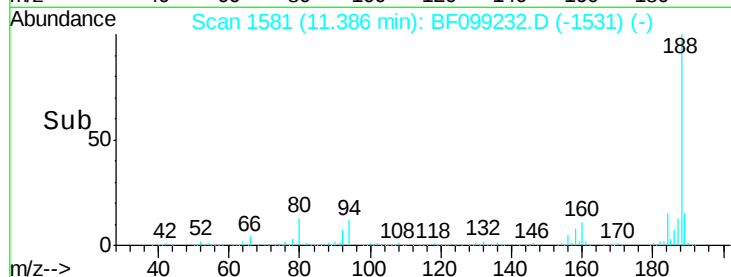
Tot Ion	Ratio	Lower	Upper
188	100		
94	11.8	8.5	12.7
80	12.5	9.2	13.8



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

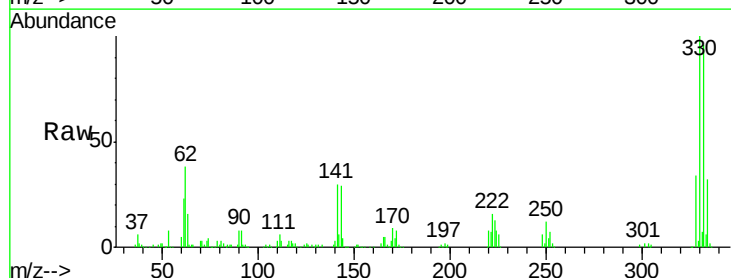


Time-->

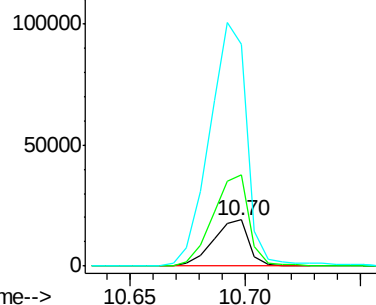


#66
4-Bromophenyl-phenylether
Concen: 3.99 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.24 min
Lab File: BF099232.D
Acq: 8 Oct 2017 15:10

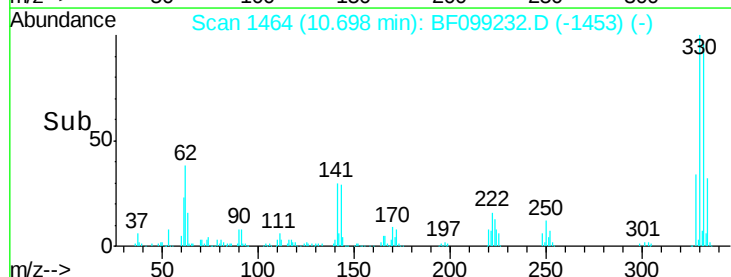
Tgt Ion	Ratio	Lower	Upper
248	100		
250	199.5	76.9	115.3#
141	483.3	74.4	111.6#

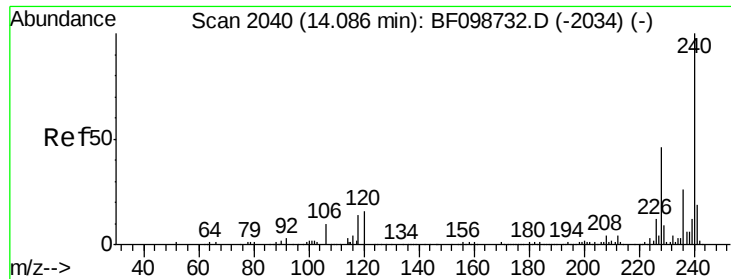


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



Time-->

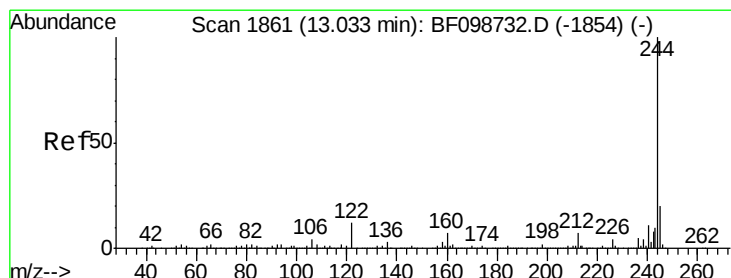
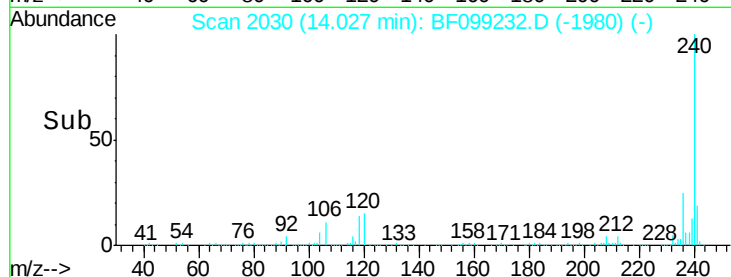
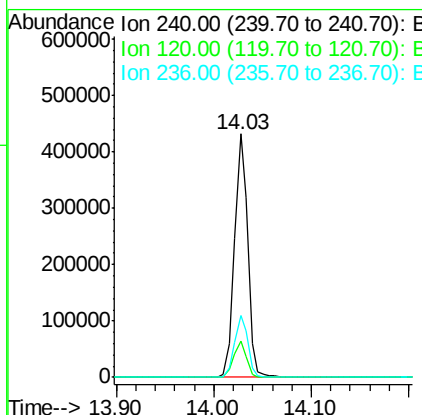
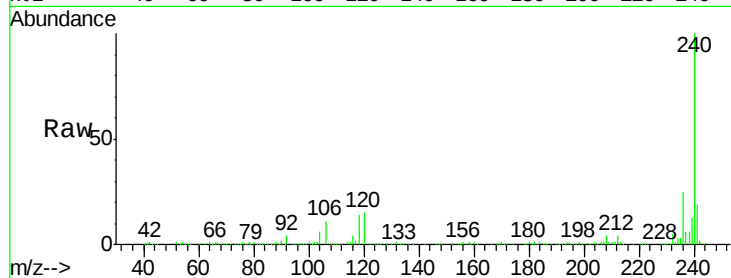




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF099232.D
 Acq: 8 Oct 2017 15:10

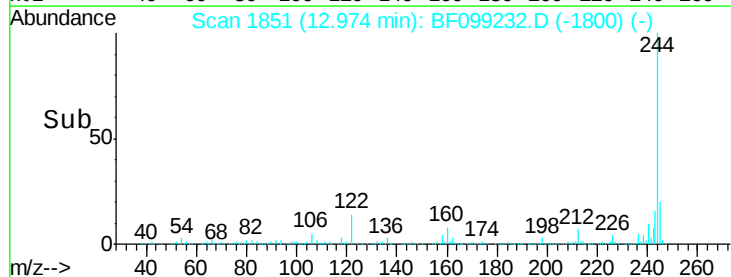
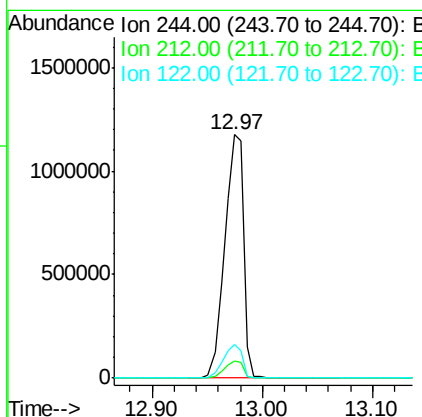
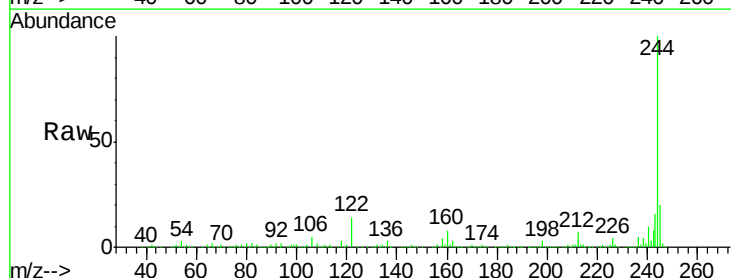
Instrument :
 BNA_F
 ClientSampleID :

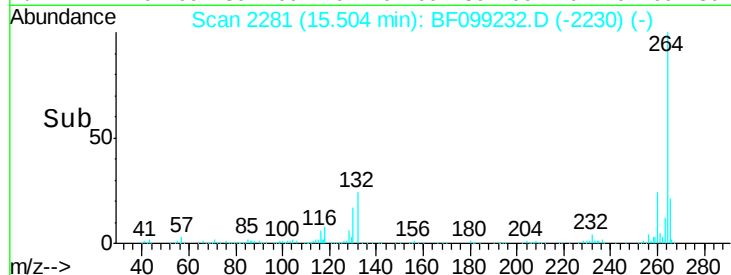
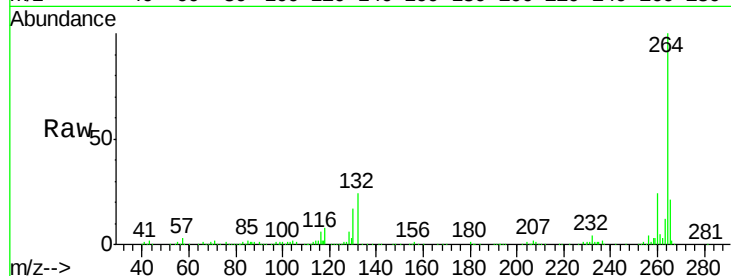
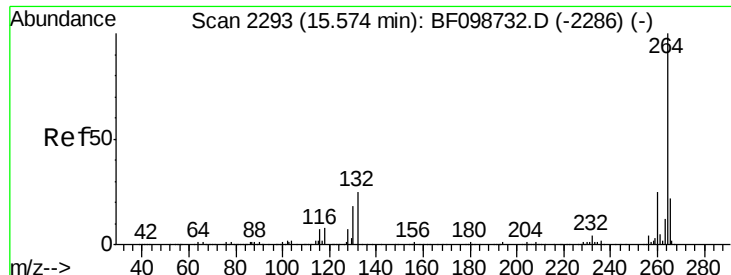
Tot Ion:240 Resp: 407654
 Ion Ratio Lower Upper
 240 100
 120 15.1 9.5 14.3#
 236 25.4 20.7 31.1



#78
 Terphenyl-d14
 Concen: 78.30 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: BF099232.D
 Acq: 8 Oct 2017 15:10

Tgt Ion:244 Resp: 1403533
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 13.7 11.0 16.4





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.00 min
Lab File: BF099232.D
Acq: 8 Oct 2017 15:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	300668
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.4	17.5	26.3

