

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101217\
 Data File : BF099391.D
 Acq On : 12 Oct 2017 13:10
 Operator : SJ/JU
 Sample : I5758-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 12 16:22:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 12 16:21:36 2017
 Response via : Initial Calibration

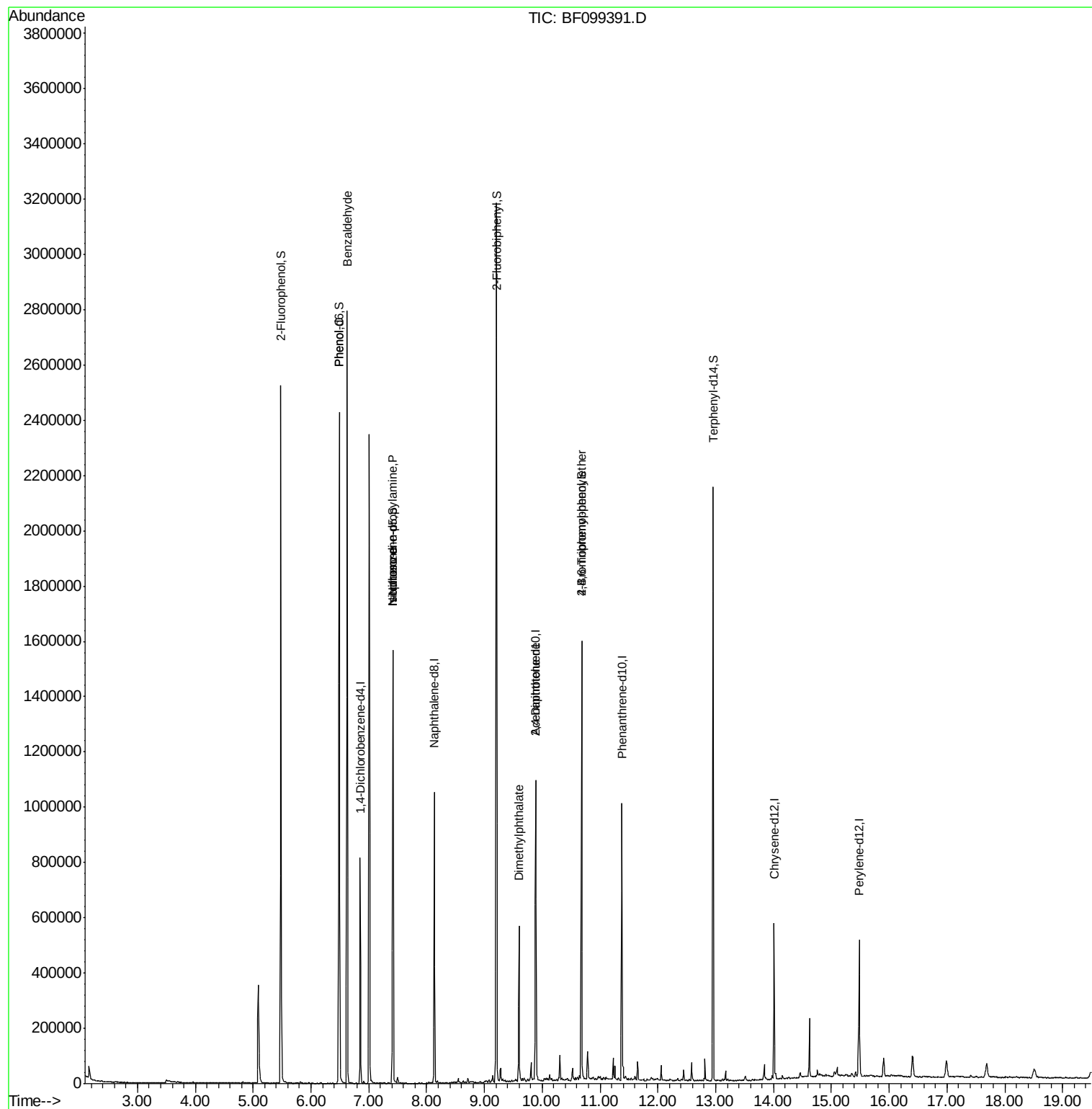
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	111839	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	464720	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	203858	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	321193	20.00	ng	0.00
75) Chrysene-d12	14.01	240	179018	20.00	ng	0.00
86) Perylene-d12	15.48	264	190669	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	850456	121.05	ng	0.00
7) Phenol-d6	6.49	99	1013204	116.91	ng	0.00
23) Nitrobenzene-d5	7.42	82	620845	85.67	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	198238	118.84	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1076807	88.18	ng	0.00
78) Terphenyl-d14	12.96	244	683672	86.85	ng	0.00
Target Compounds						
9) Benzaldehyde	6.63	77	16773	3.336	ng	89
10) Phenol	6.50	94	31024	3.201	ng	79
19) n-Nitroso-di-n-propylamine	7.42	70	79464	14.361	ng	# 74
25) Isophorone	7.42	82	620928	41.444	ng	# 64
49) Dimethylphthalate	9.60	163	200269	13.016	ng	100
56) 2,4-Dinitrotoluene	9.89	165	26004	5.982	ng	# 23
66) 4-Bromophenyl-phenylether	10.68	248	12957	4.121	ng	# 1

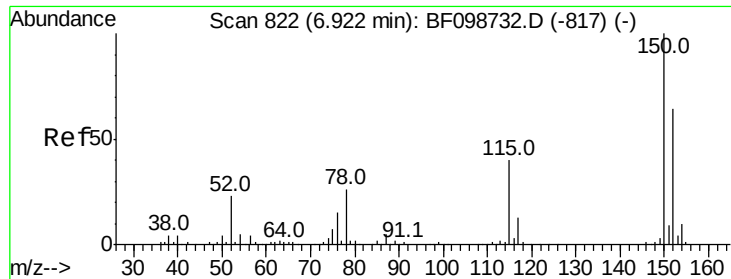
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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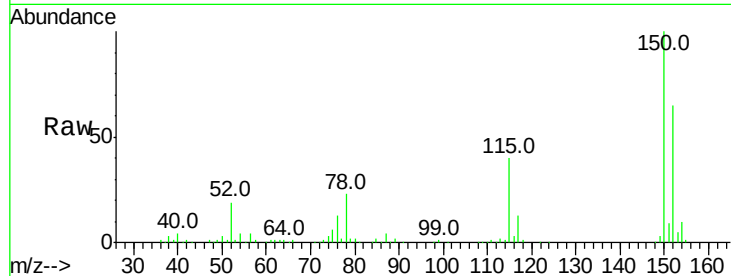


#1

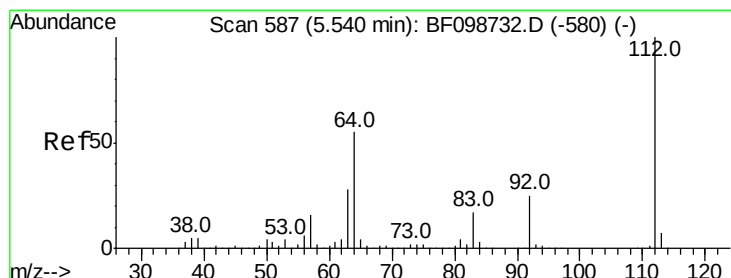
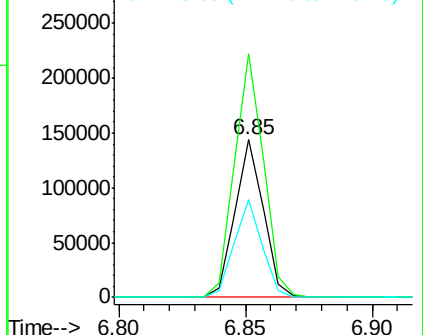
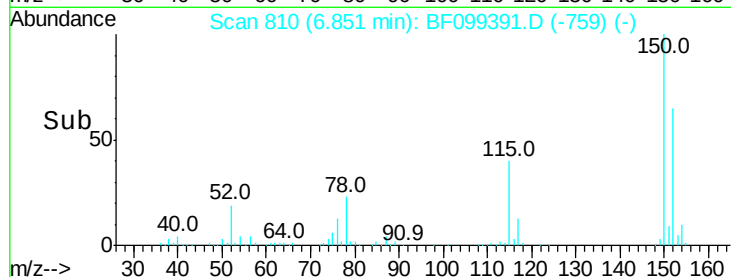
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF099391.D
 Acq: 12 Oct 2017 13:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 111839
 Ion Ratio Lower Upper
 152 100
 150 154.8 124.6 186.8
 115 62.2 50.1 75.1



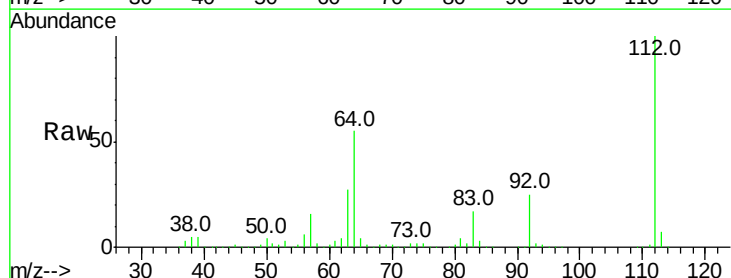
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



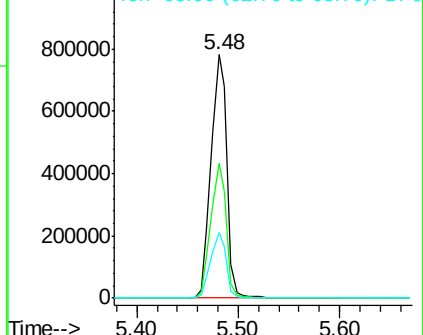
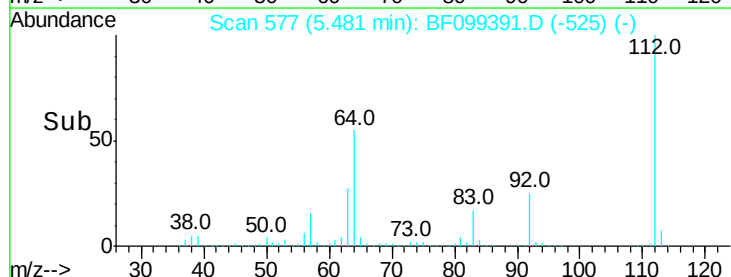
#5

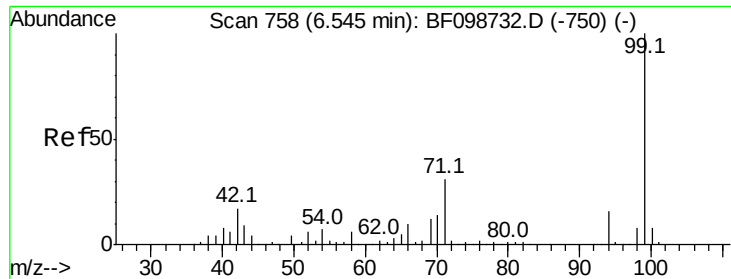
2-Fluorophenol
 Concen: 121.053 ng
 RT: 5.48 min Scan# 577
 Delta R.T. 0.01 min
 Lab File: BF099391.D
 Acq: 12 Oct 2017 13:10

Tgt Ion:112 Resp: 850456
 Ion Ratio Lower Upper
 112 100
 64 55.5 47.9 71.9
 63 27.2 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: 116.907 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF099391.D

Acq: 12 Oct 2017 13:10

Instrument :

BNA_F

ClientSampled :

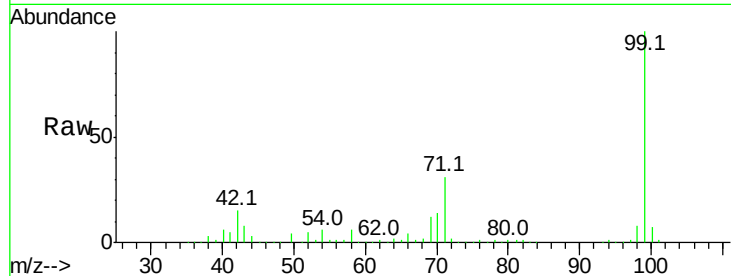
Tot Ion: 99 Resp: 1013204

Ion Ratio Lower Upper

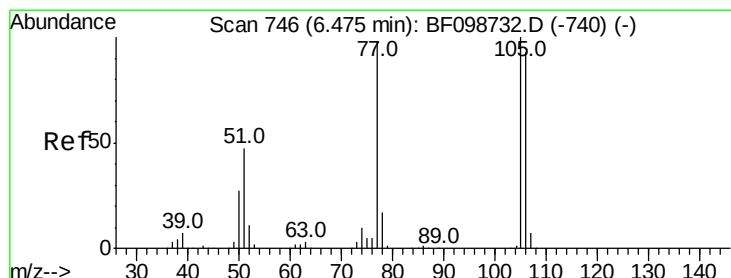
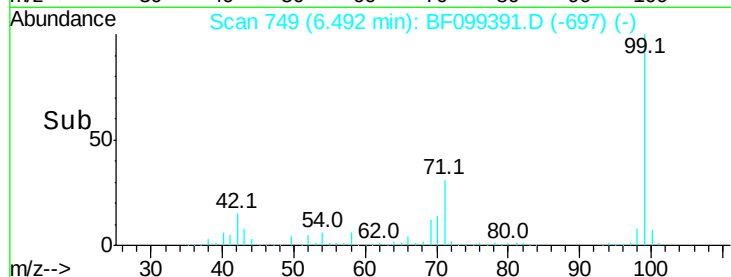
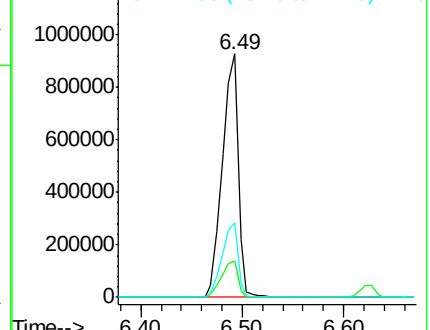
99 100

42 15.0 14.5 21.7

71 30.5 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: 3.336 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.22 min

Lab File: BF099391.D

Acq: 12 Oct 2017 13:10

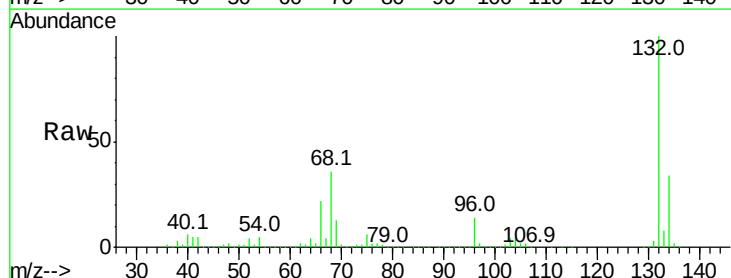
Tgt Ion: 77 Resp: 16773

Ion Ratio Lower Upper

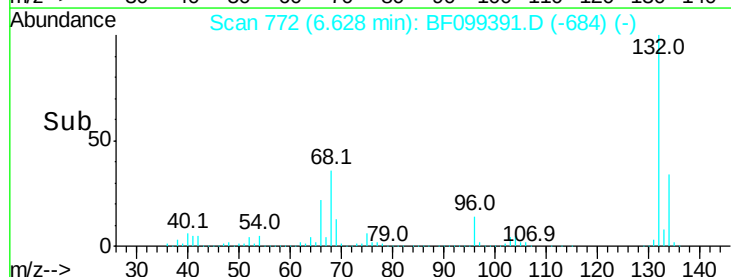
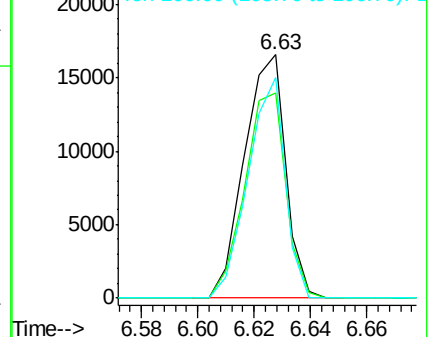
77 100

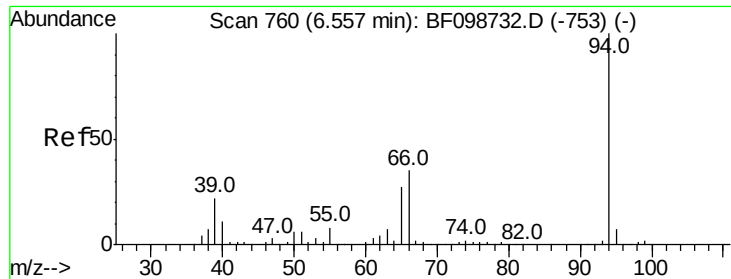
105 84.5 81.1 121.1

106 90.5 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

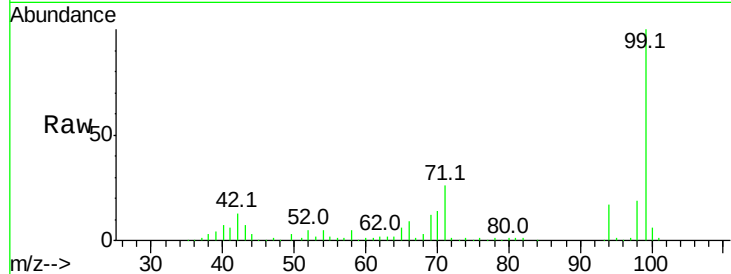




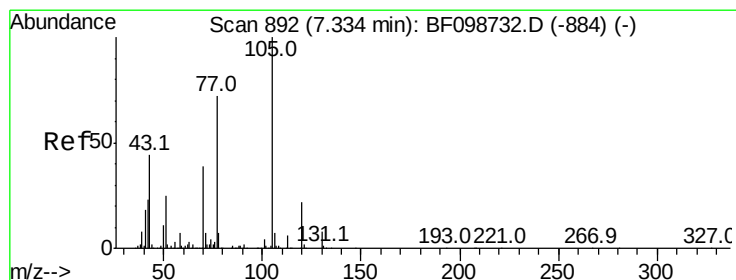
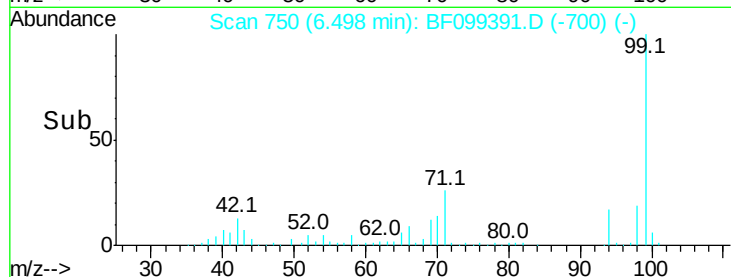
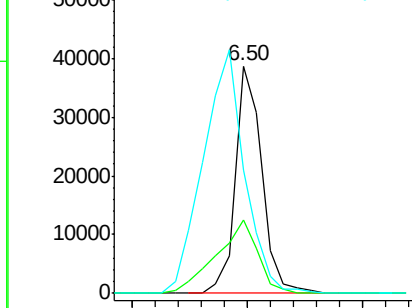
#10
Phenol
Concen: 3.201 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF099391.D
Acq: 12 Oct 2017 13:10

Instrument :
BNA_F
ClientSampled :

Tot Ion: 94 Resp: 31024
Ion Ratio Lower Upper
94 100
65 32.3 7.9 47.9
66 54.3 16.2 56.2

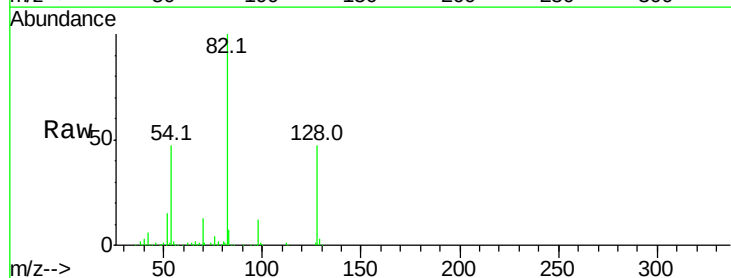


Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

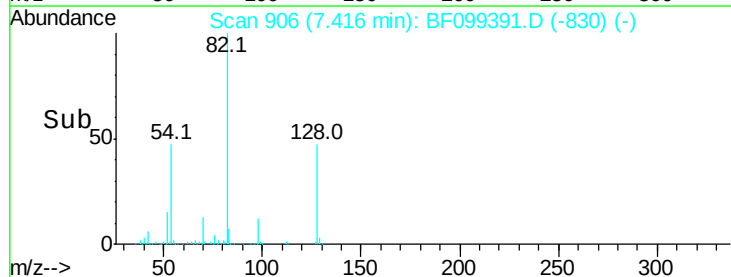
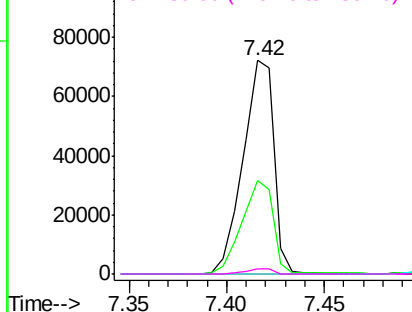


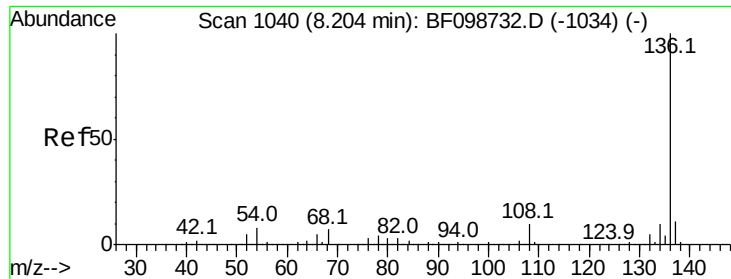
#19
n-Nitroso-di-n-propylamine
Concen: 14.361 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.15 min
Lab File: BF099391.D
Acq: 12 Oct 2017 13:10

Tgt Ion: 70 Resp: 79464
Ion Ratio Lower Upper
70 100
42 43.8 47.5 71.3#
101 0.0 7.4 11.2#
130 2.4 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): BF0
Ion 130.00 (129.70 to 130.70): BF0

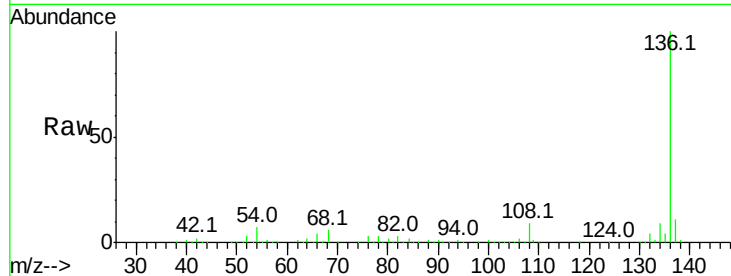




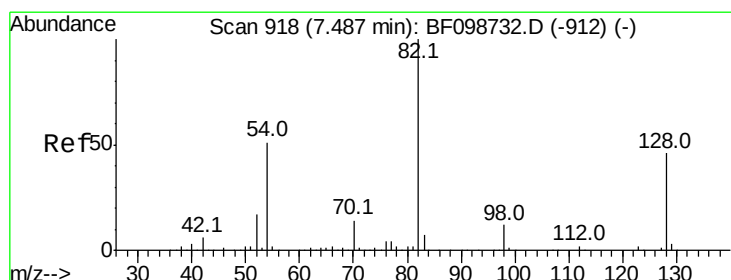
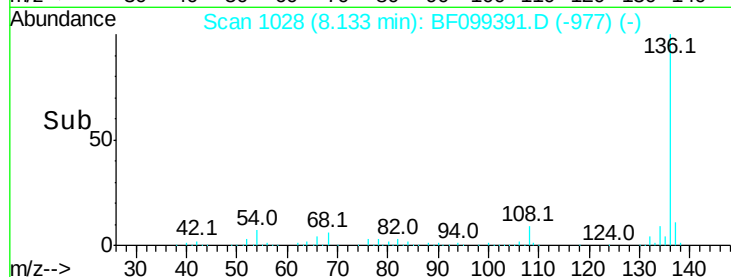
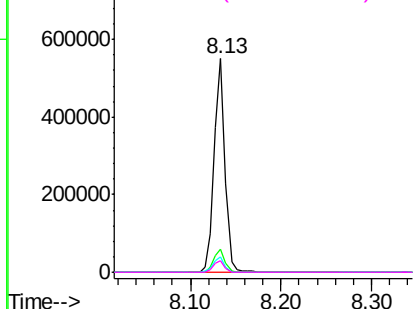
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF099391.D
Acq: 12 Oct 2017 13:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	464720
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.3	6.6	9.8
68	5.6	5.0	7.4

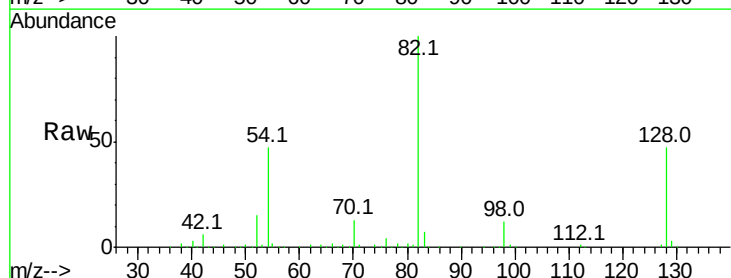


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

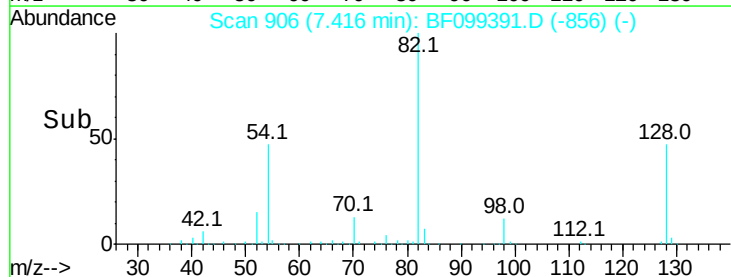
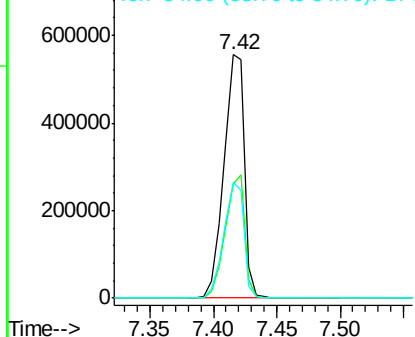


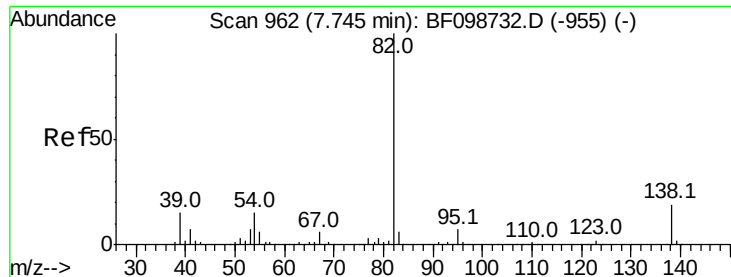
#23
Nitrobenzene-d5
Concen: 85.675 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF099391.D
Acq: 12 Oct 2017 13:10

Tgt Ion:	82	Resp:	620845
Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.1	54.1
54	47.4	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: 41.444 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.26 min

Lab File: BF099391.D

Acq: 12 Oct 2017 13:10

Instrument :

BNA_F

ClientSampleId :

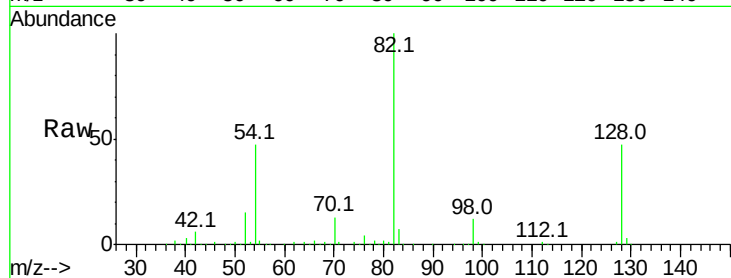
Tot Ion: 82 Resp: 620928

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

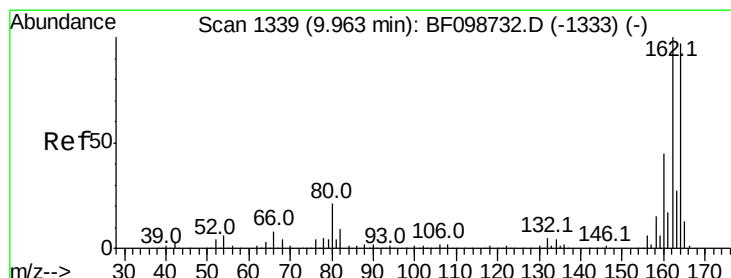
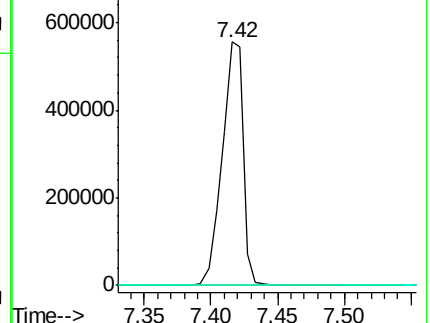
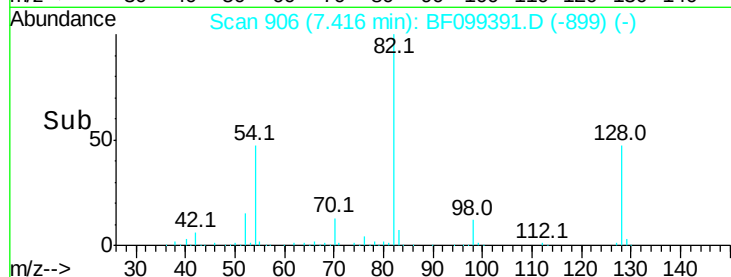
138 0.0 14.9 22.3#



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: 20.000 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF099391.D

Acq: 12 Oct 2017 13:10

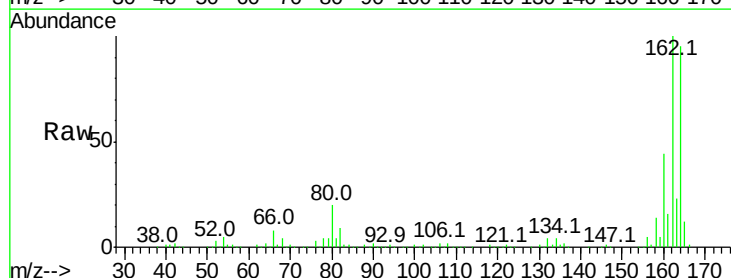
Tgt Ion:164 Resp: 203858

Ion Ratio Lower Upper

164 100

162 105.7 86.1 129.1

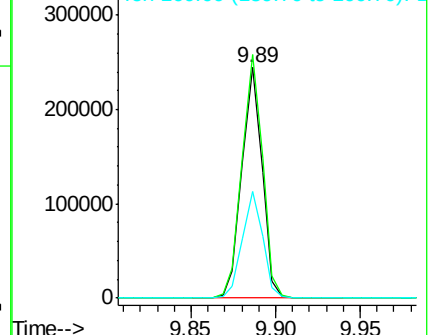
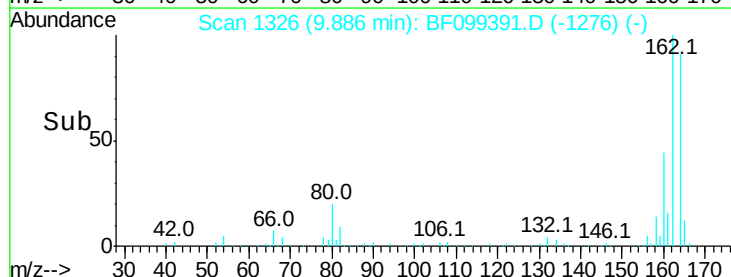
160 46.2 38.3 57.5

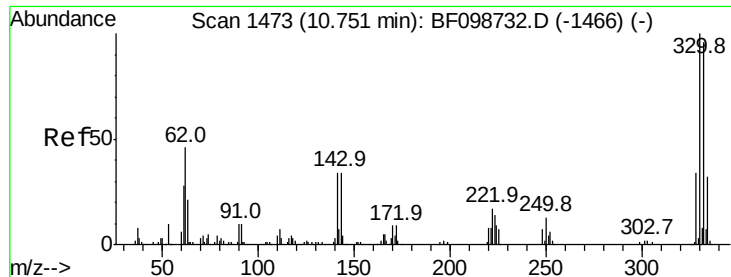


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

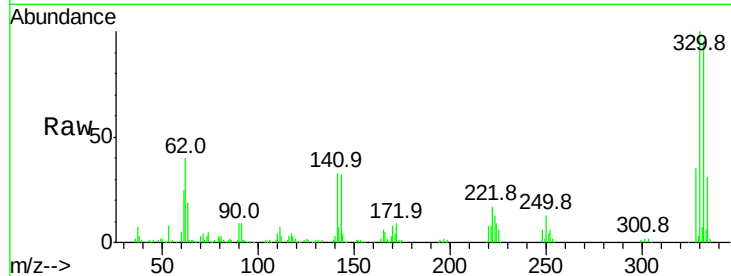




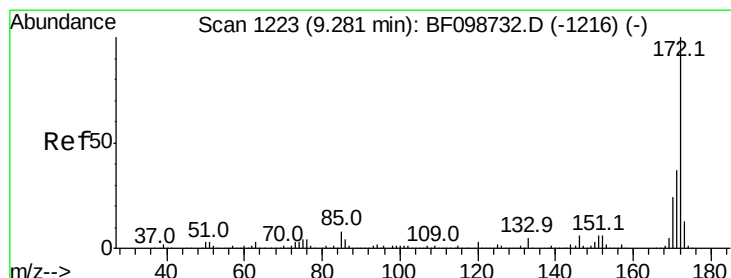
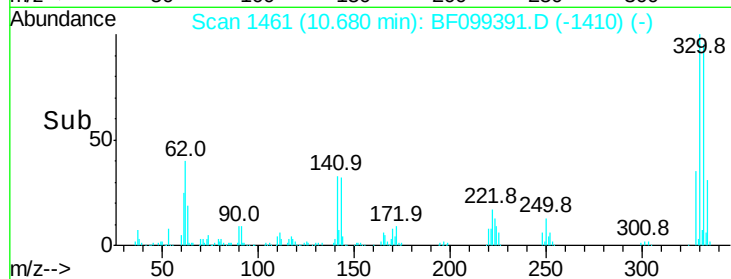
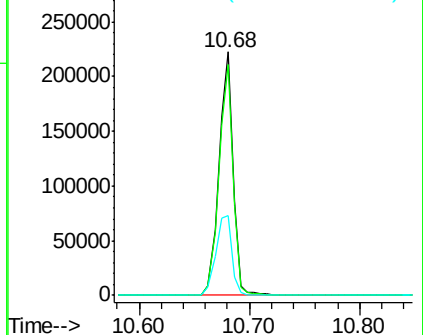
#41
 2,4,6-Tribromophenol
 Concen: 118.840 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: BF099391.D
 Acq: 12 Oct 2017 13:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	37.4	29.9	44.9

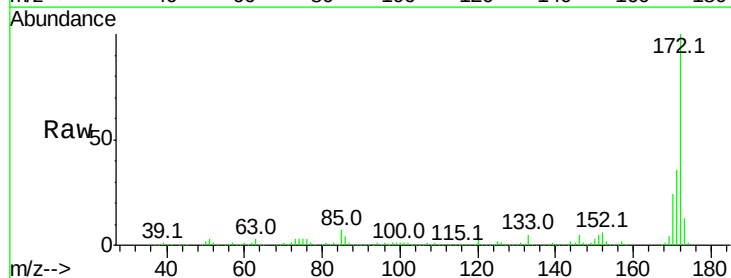


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

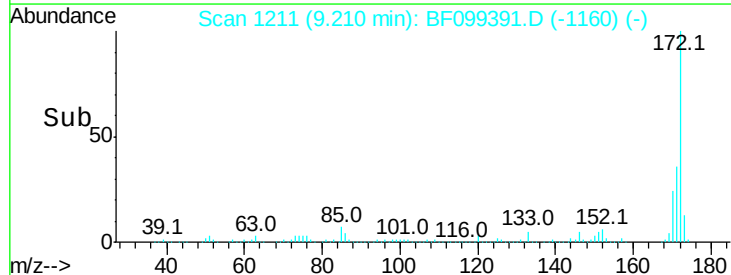
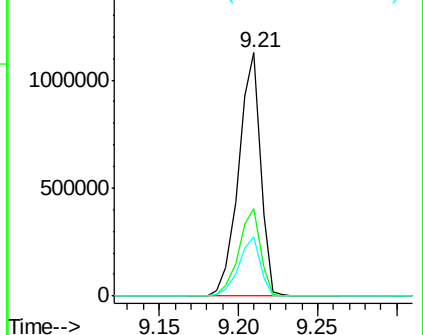


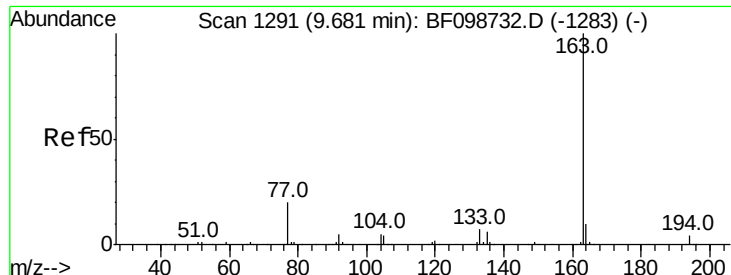
#44
 2-Fluorobiphenyl
 Concen: 88.181 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF099391.D
 Acq: 12 Oct 2017 13:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.3	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

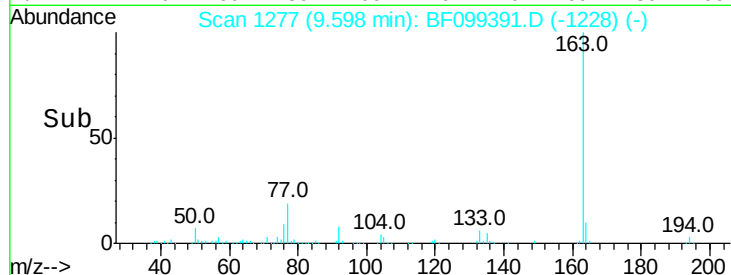
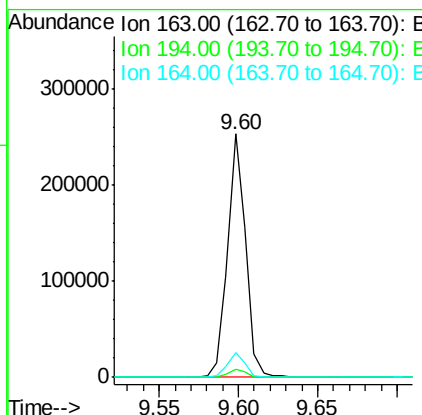
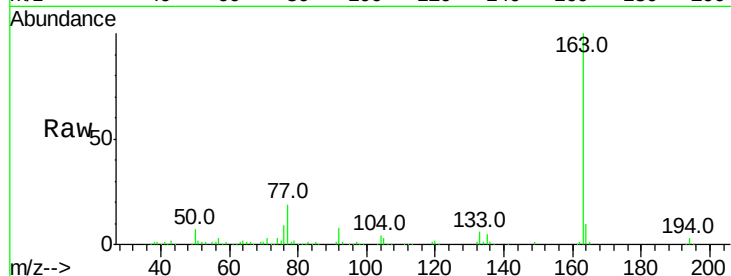




#49
Dimethylphthalate
Concen: 13.016 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF099391.D
Acq: 12 Oct 2017 13:10

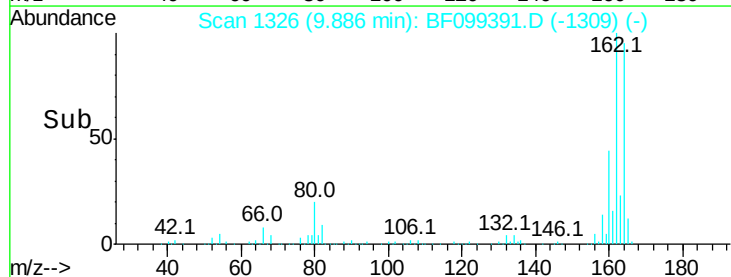
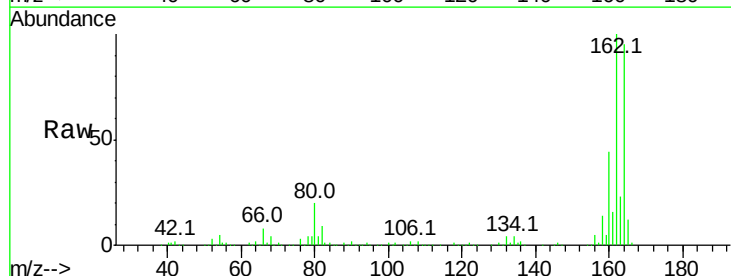
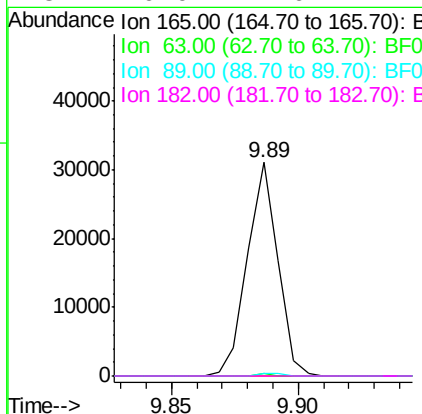
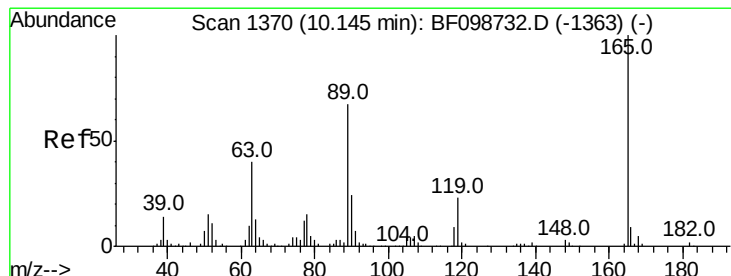
Instrument :
BNA_F
ClientSampleId :

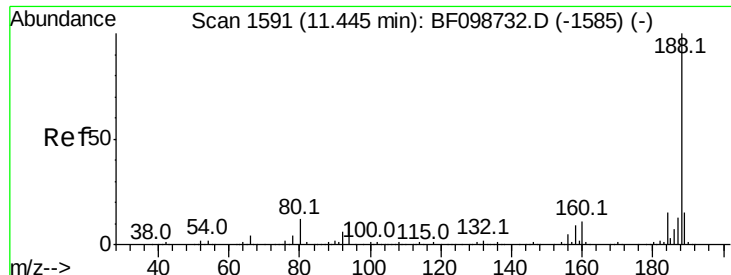
Tot Ion:163 Resp: 200269
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.1 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 5.982 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.20 min
Lab File: BF099391.D
Acq: 12 Oct 2017 13:10

Tgt Ion:165 Resp: 26004
Ion Ratio Lower Upper
165 100
63 1.4 36.4 54.6#
89 1.0 57.8 86.6#
182 0.0 1.6 2.4#

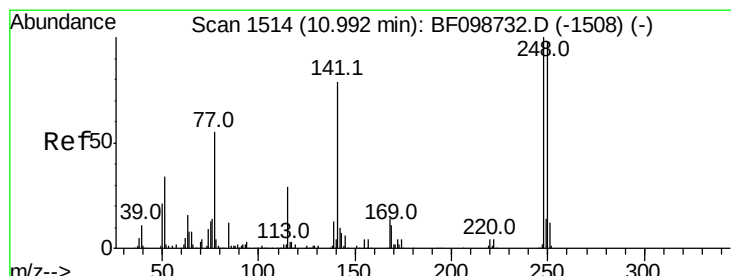
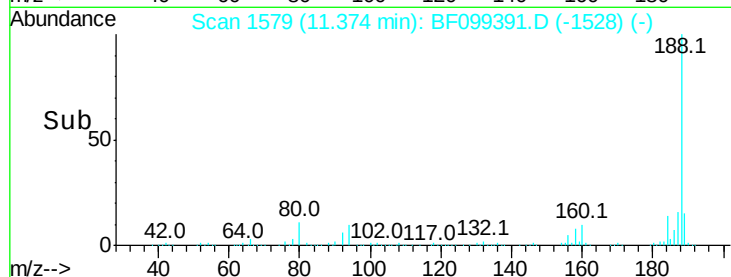
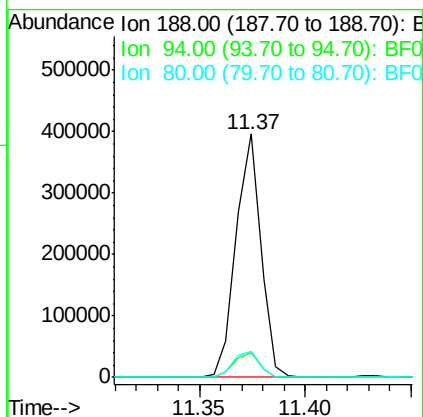
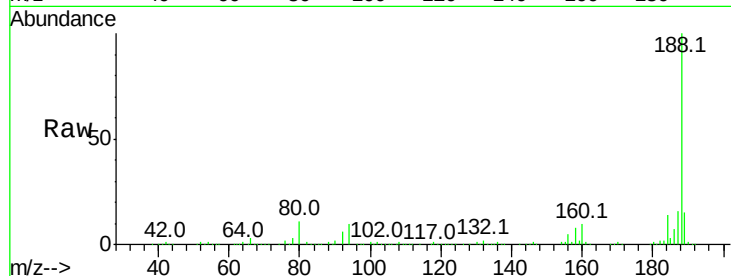




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.00 min
 Lab File: BF099391.D
 Acq: 12 Oct 2017 13:10

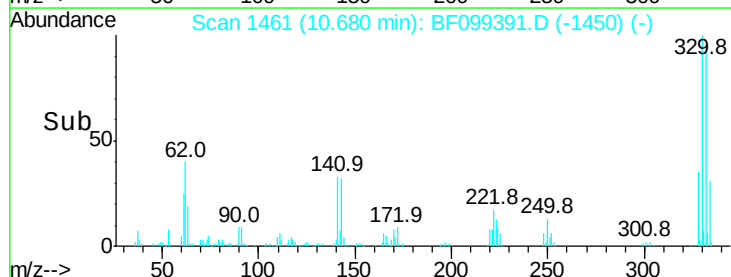
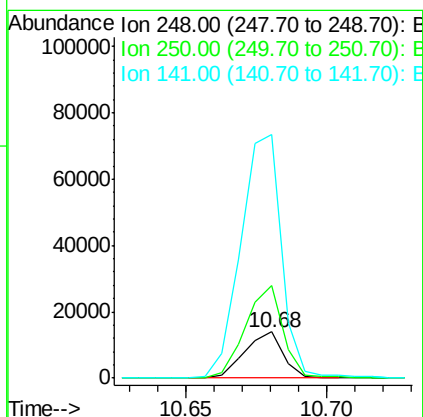
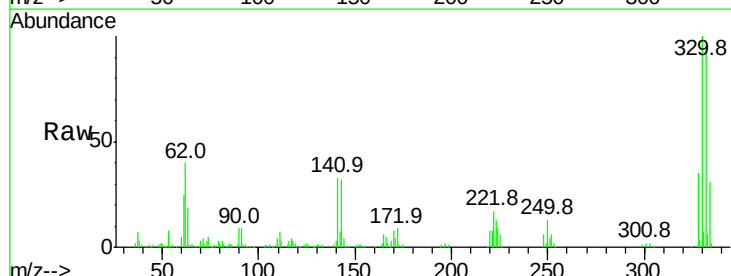
Instrument :
 BNA_F
 ClientSampleId :

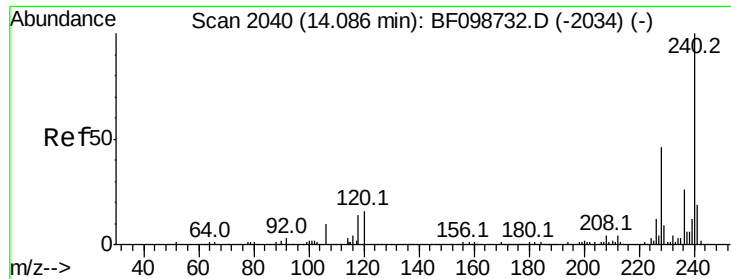
Tot Ion:188 Resp: 321193
 Ion Ratio Lower Upper
 188 100
 94 10.4 8.5 12.7
 80 10.6 9.2 13.8



#66
 4-Bromophenyl-phenylether
 Concen: 4.121 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.24 min
 Lab File: BF099391.D
 Acq: 12 Oct 2017 13:10

Tgt Ion:248 Resp: 12957
 Ion Ratio Lower Upper
 248 100
 250 199.3 76.9 115.3#
 141 525.3 74.4 111.6#

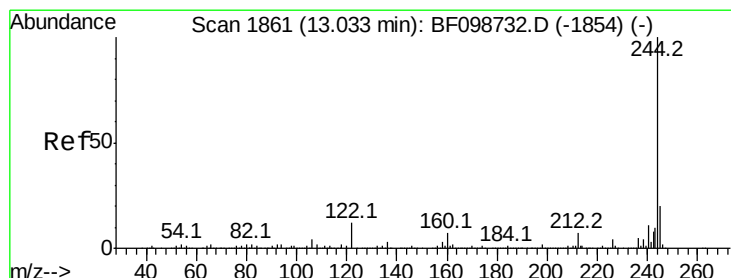
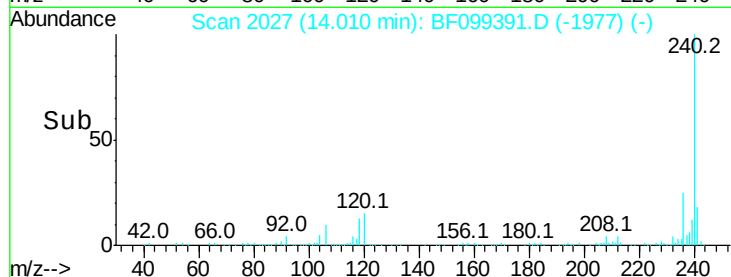
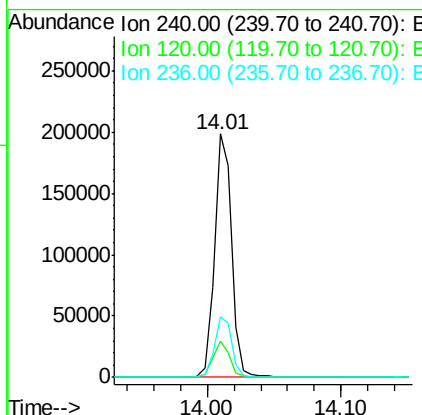
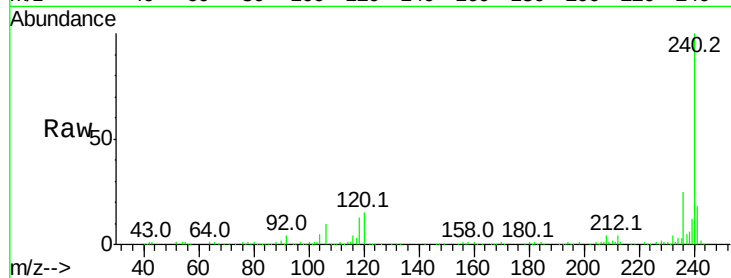




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF099391.D
Acq: 12 Oct 2017 13:10

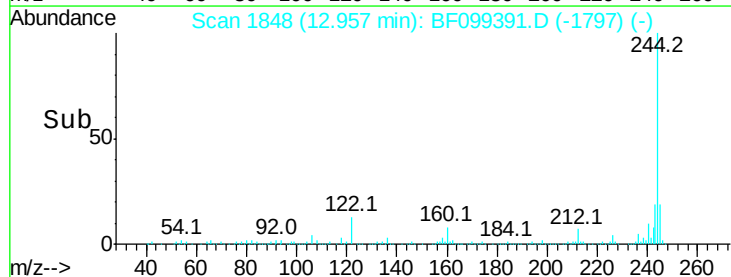
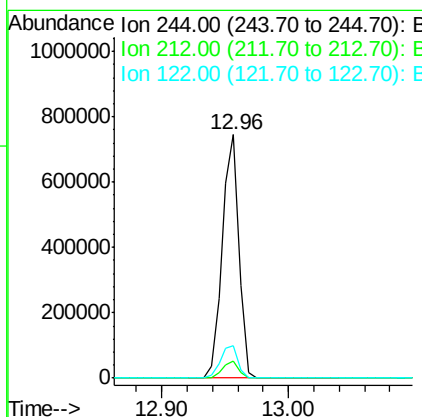
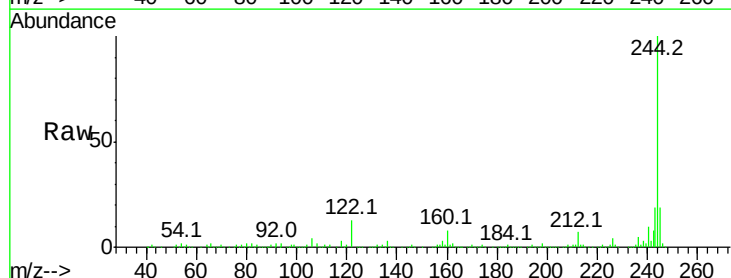
Instrument :
BNA_F
ClientSampleId :

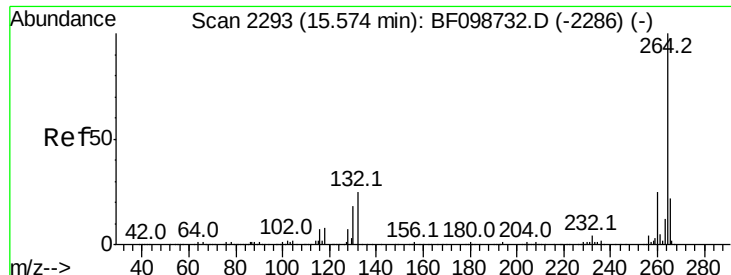
Tot Ion:240 Resp: 179018
Ion Ratio Lower Upper
240 100
120 14.8 9.5 14.3#
236 24.8 20.7 31.1



#78
Terphenyl-d14
Concen: 86.852 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.00 min
Lab File: BF099391.D
Acq: 12 Oct 2017 13:10

Tgt Ion:244 Resp: 683672
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 13.1 11.0 16.4

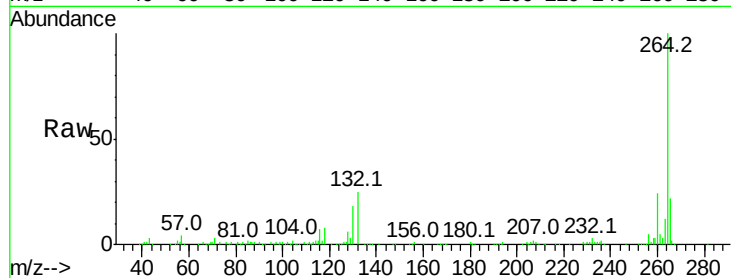




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2277
 Delta R.T. -0.00 min
 Lab File: BF099391.D
 Acq: 12 Oct 2017 13:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.7	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

