

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100417\
 Data File : BF099080.D
 Acq On : 4 Oct 2017 21:28
 Operator : SJ/JU
 Sample : I5616-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 05 01:11:03 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

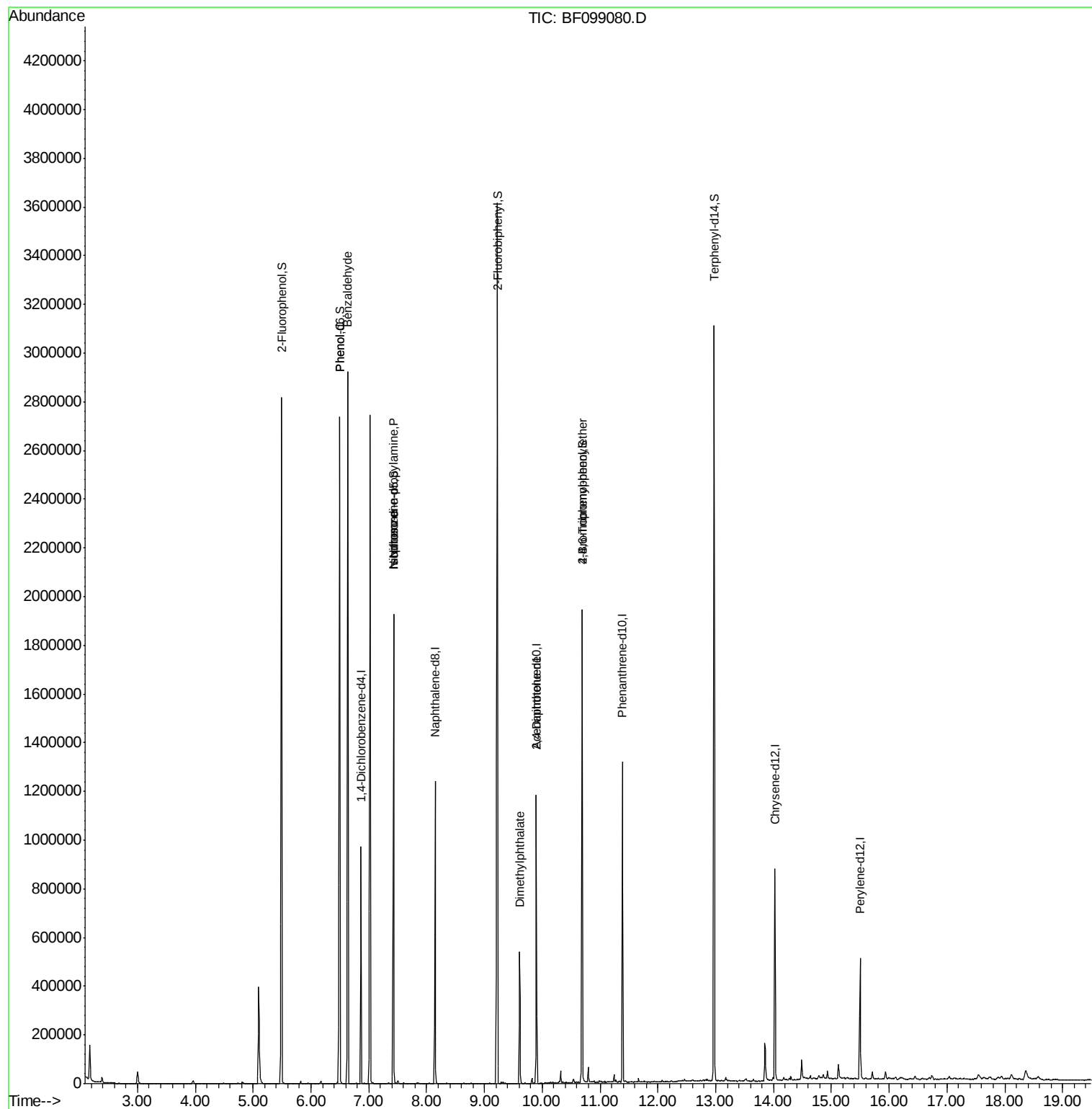
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	132172	20.00	ng	-0.06
21) Naphthalene-d8	8.15	136	544041	20.00	ng	-0.06
38) Acenaphthene-d10	9.90	164	247044	20.00	ng	-0.06
63) Phenanthrene-d10	11.39	188	429063	20.00	ng	-0.06
75) Chrysene-d12	14.03	240	290077	20.00	ng	-0.06
86) Perylene-d12	15.50	264	212760	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	920683	110.89	ng	-0.05
7) Phenol-d6	6.50	99	1109703	108.34	ng	-0.05
23) Nitrobenzene-d5	7.43	82	684284	80.66	ng	-0.06
41) 2,4,6-Tribromophenol	10.69	330	233393	115.46	ng	-0.06
44) 2-Fluorobiphenyl	9.22	172	1221253	82.53	ng	-0.06
78) Terphenyl-d14	12.97	244	1032623	80.96	ng	-0.06
Target Compounds						Qvalue
9) Benzaldehyde	6.63	77	18917	3.18	ng	89
10) Phenol	6.50	94	27810	2.43	ng	82
19) n-Nitroso-di-n-propylamine	7.43	70	87986	13.45	ng	# 74
25) Isophorone	7.43	82	680443	38.79	ng	# 64
49) Dimethylphthalate	9.61	163	204414	10.96	ng	100
56) 2,4-Dinitrotoluene	9.90	165	32209	6.11	ng	# 23
66) 4-Bromophenyl-phenylether	10.69	248	15604	3.72	ng	# 1

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

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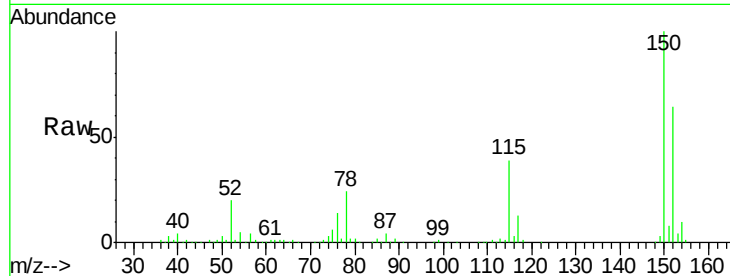


#1

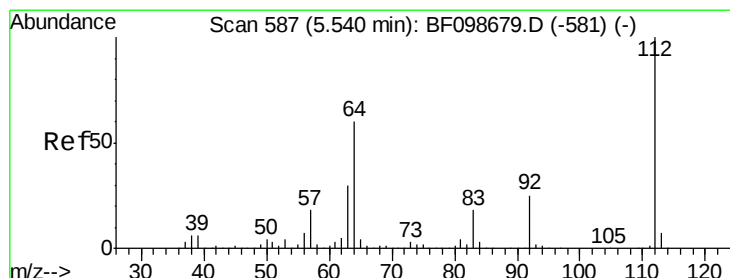
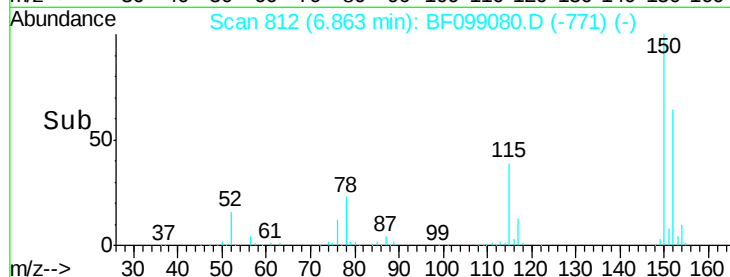
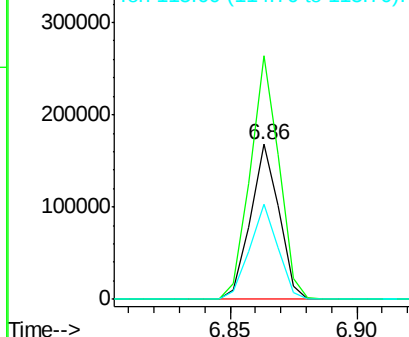
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.06 min
Lab File: BF099080.D
Acq: 4 Oct 2017 21:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 132172
Ion Ratio Lower Upper
152 100
150 156.9 124.6 186.8
115 61.6 50.1 75.1



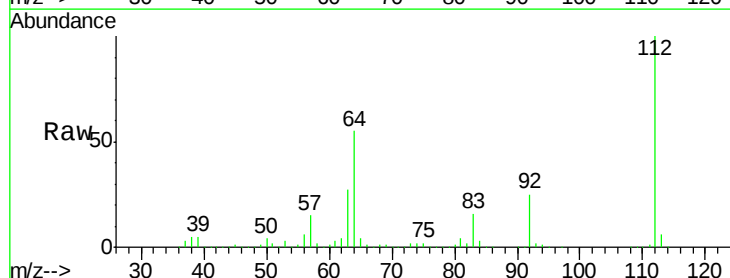
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



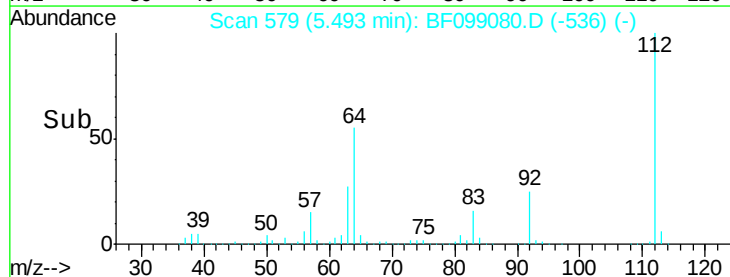
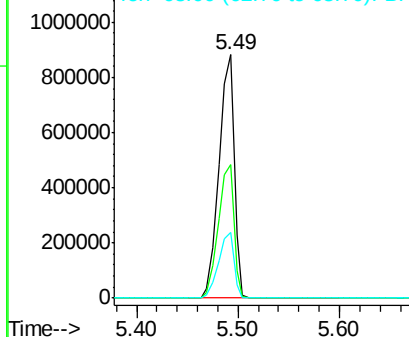
#5

2-Fluorophenol
Concen: 110.89 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.05 min
Lab File: BF099080.D
Acq: 4 Oct 2017 21:28

Tgt Ion:112 Resp: 920683
Ion Ratio Lower Upper
112 100
64 54.9 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: 108.34 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.05 min

Lab File: BF099080.D

Acq: 4 Oct 2017 21:28

Instrument :

BNA_F

ClientSampled :

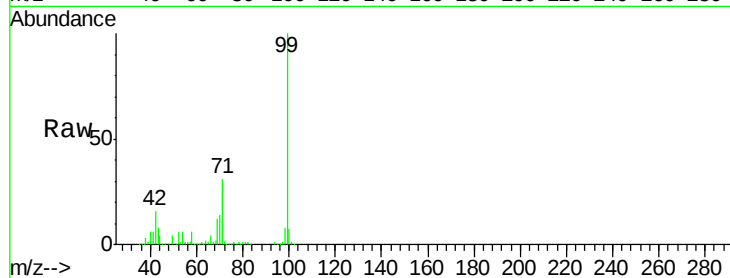
Tot Ion: 99 Resp: 1109703

Ion Ratio Lower Upper

99 100

42 15.8 14.5 21.7

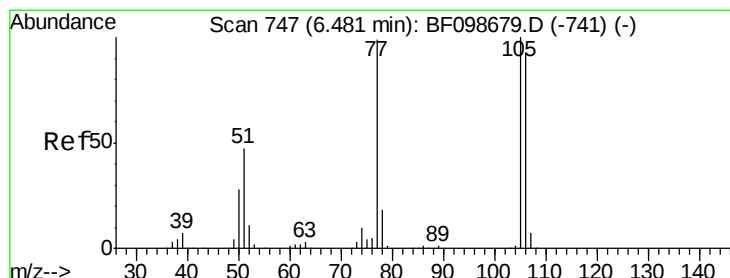
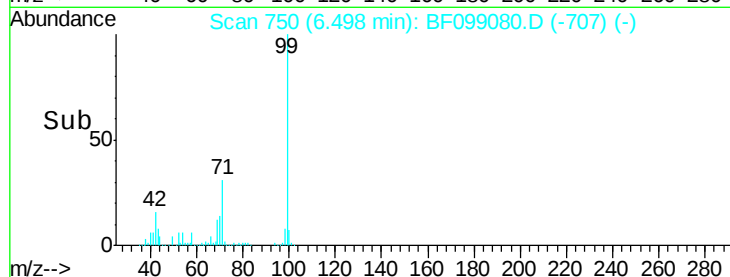
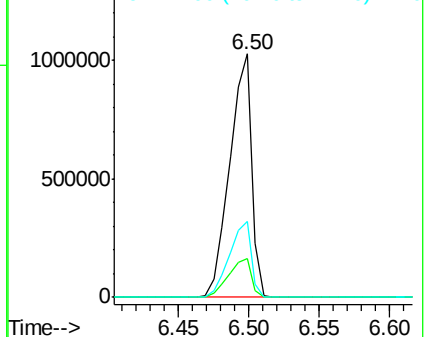
71 31.2 25.4 38.0



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: 3.18 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.16 min

Lab File: BF099080.D

Acq: 4 Oct 2017 21:28

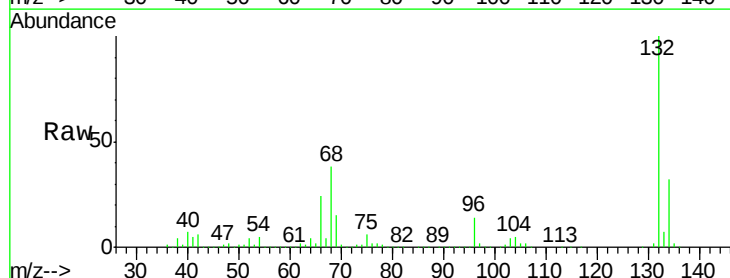
Tgt Ion: 77 Resp: 18917

Ion Ratio Lower Upper

77 100

105 87.8 81.1 121.1

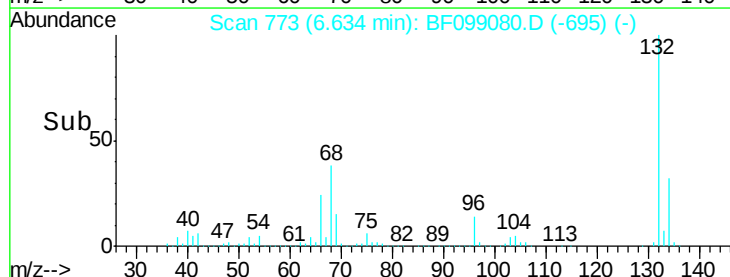
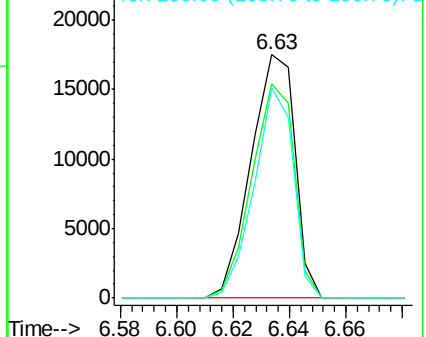
106 86.5 74.5 114.5

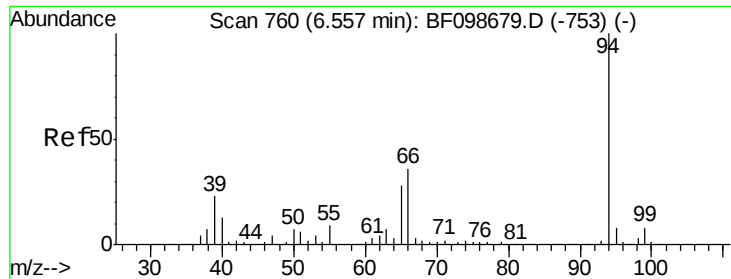


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

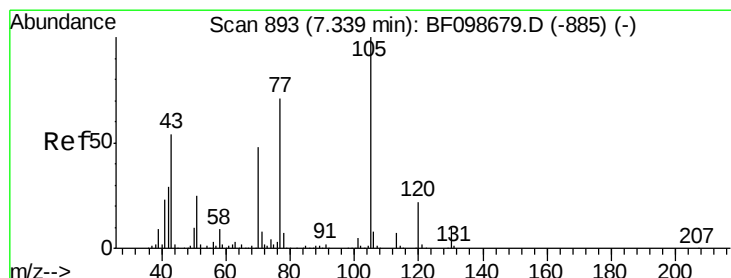
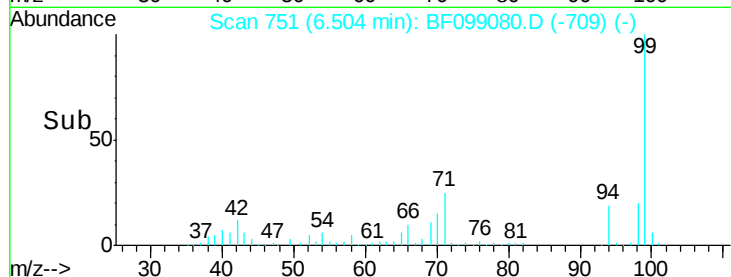
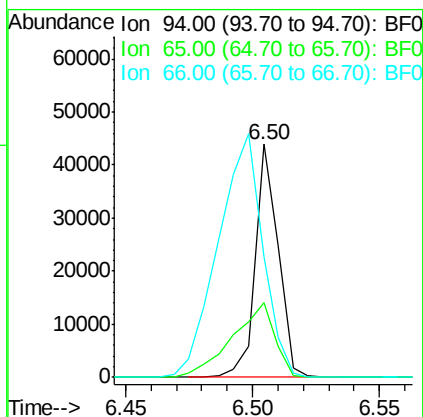
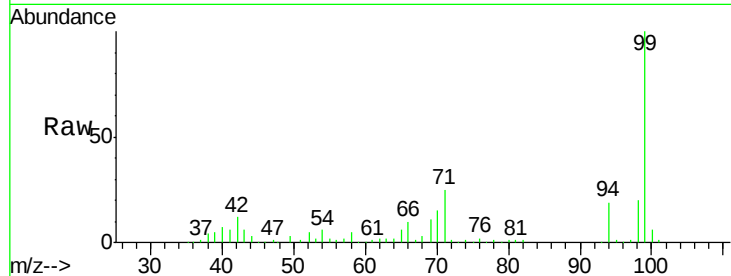




#10
Phenol
Concen: 2.43 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.05 min
Lab File: BF099080.D
Acq: 4 Oct 2017 21:28

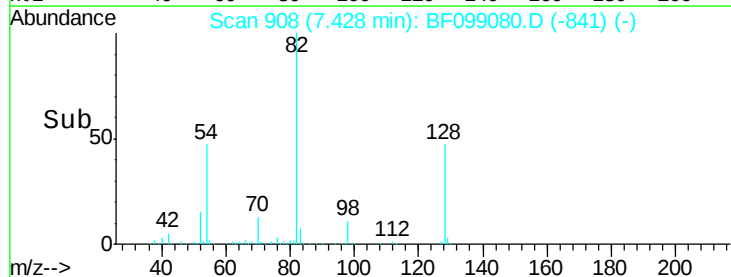
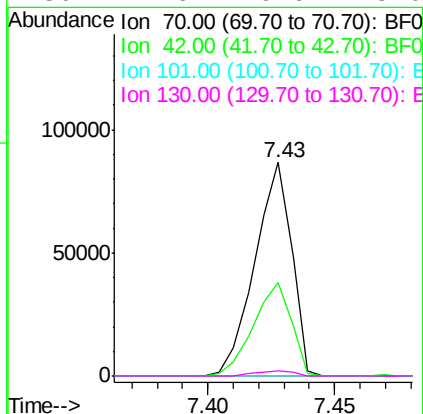
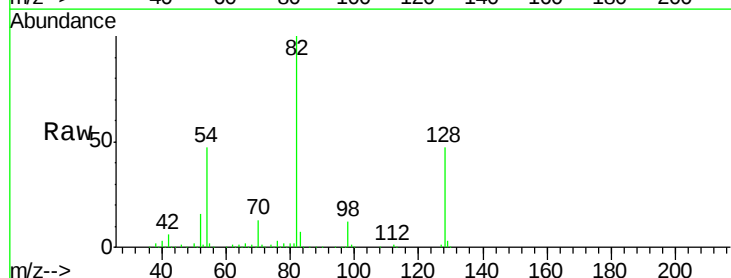
Instrument :
BNA_F
ClientSampleId :

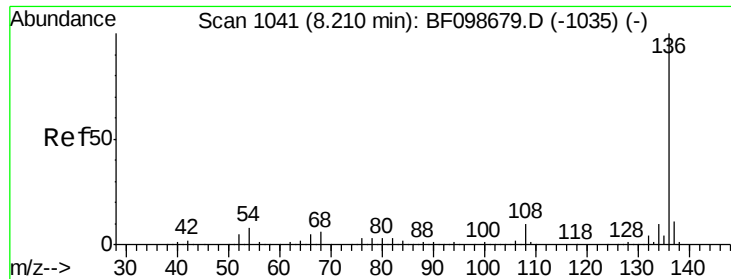
Tot Ion: 94 Resp: 27810
Ion Ratio Lower Upper
94 100
65 32.2 7.9 47.9
66 51.5 16.2 56.2



#19
n-Nitroso-di-n-propylamine
Concen: 13.45 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.09 min
Lab File: BF099080.D
Acq: 4 Oct 2017 21:28

Tgt Ion: 70 Resp: 87986
Ion Ratio Lower Upper
70 100
42 43.6 47.5 71.3#
101 0.0 7.4 11.2#
130 2.6 16.6 25.0#

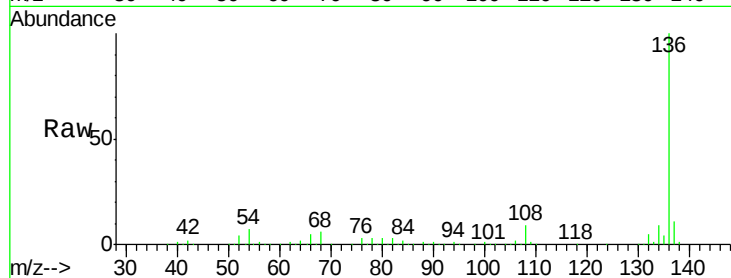




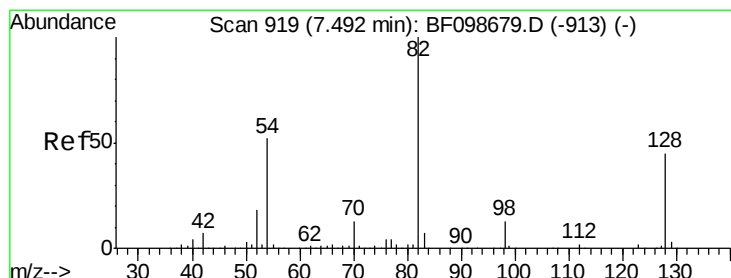
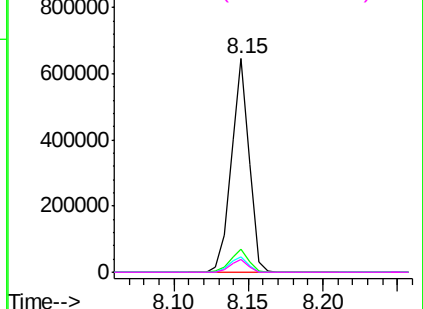
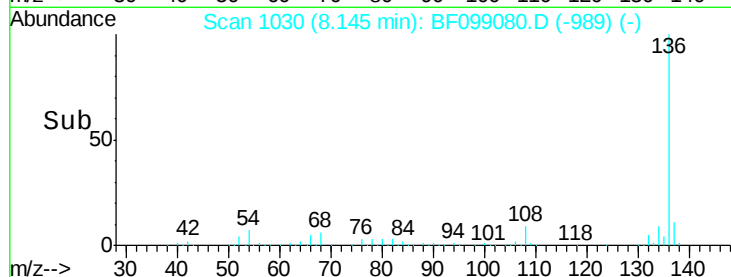
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.06 min
Lab File: BF099080.D
Acq: 4 Oct 2017 21:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	544041
Ion	Ratio	Lower Upper
136	100	
137	10.7	8.9 13.3
54	7.4	6.6 9.8
68	6.0	5.0 7.4

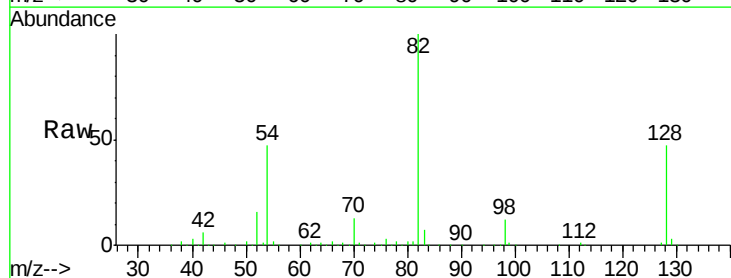


Abundance Ion 136.00 (135.70 to 136.70): E
1000000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

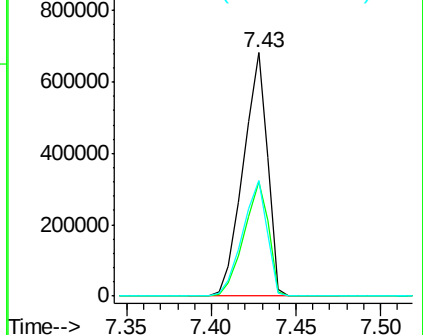
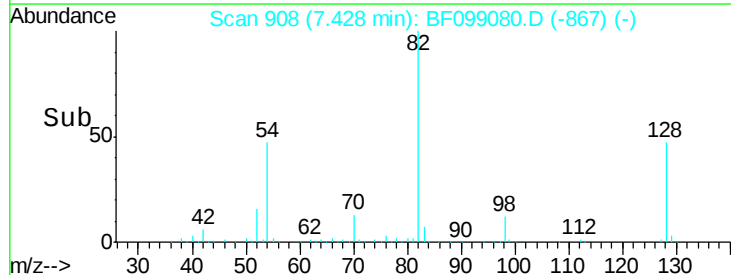


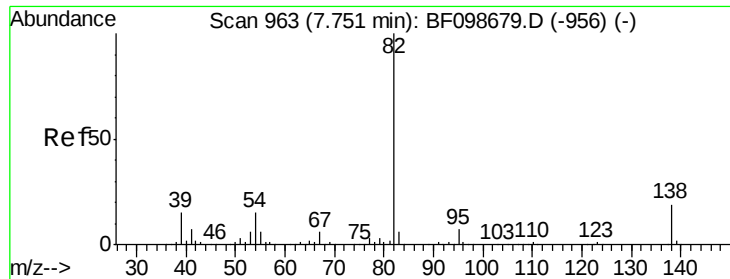
#23
Nitrobenzene-d5
Concen: 80.66 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.06 min
Lab File: BF099080.D
Acq: 4 Oct 2017 21:28

Tgt Ion: 82	Resp:	684284
Ion	Ratio	Lower Upper
82	100	
128	46.8	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: 38.79 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.32 min

Lab File: BF099080.D

Acq: 4 Oct 2017 21:28

Instrument :

BNA_F

ClientSampleId :

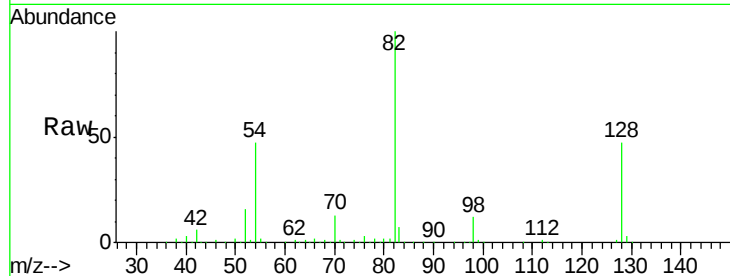
Tot Ion: 82 Resp: 680443

Ion Ratio Lower Upper

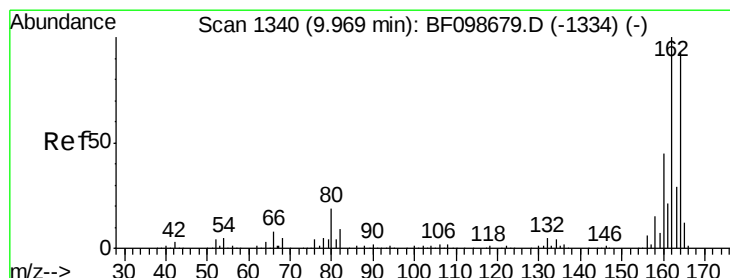
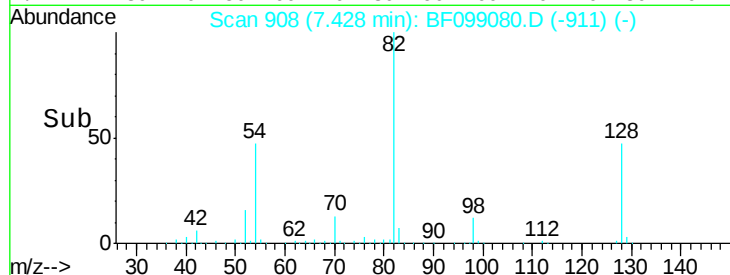
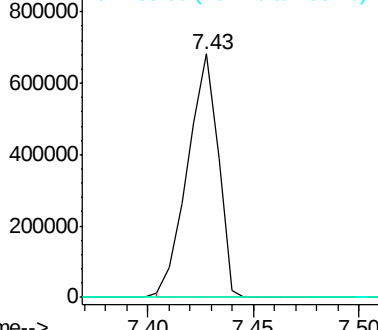
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.06 min

Lab File: BF099080.D

Acq: 4 Oct 2017 21:28

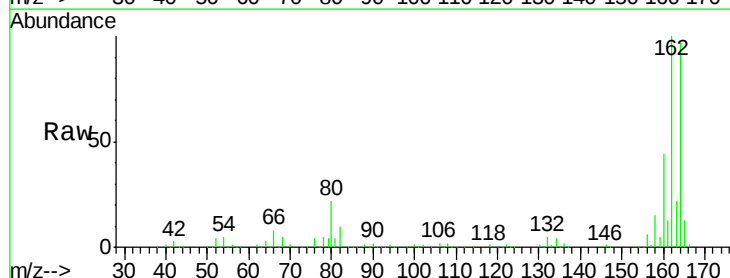
Tgt Ion:164 Resp: 247044

Ion Ratio Lower Upper

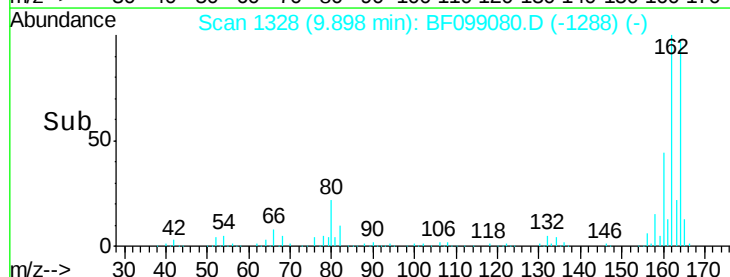
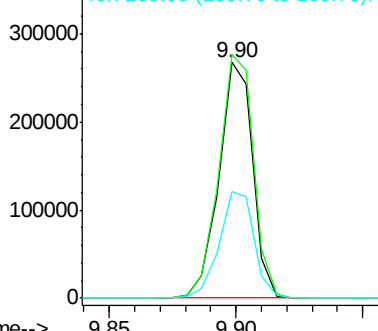
164 100

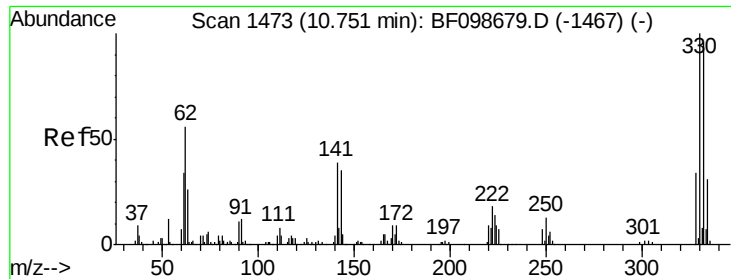
162 103.4 86.1 129.1

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

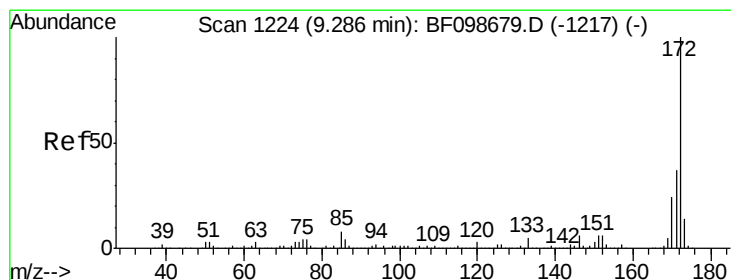
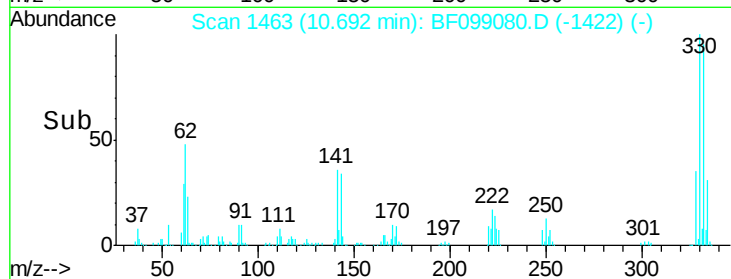
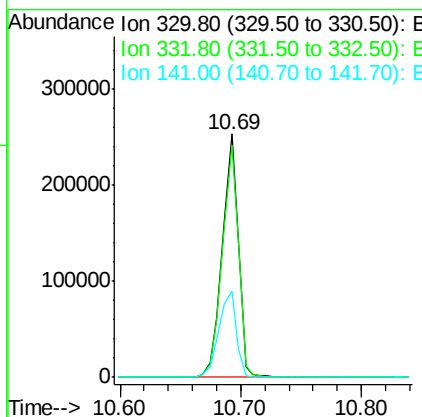
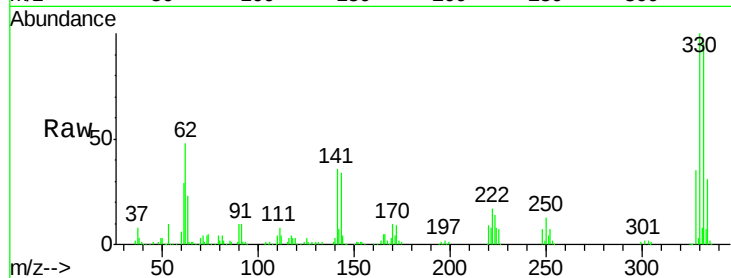




#41
 2,4,6-Tribromophenol
 Concen: 115.46 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.06 min
 Lab File: BF099080.D
 Acq: 4 Oct 2017 21:28

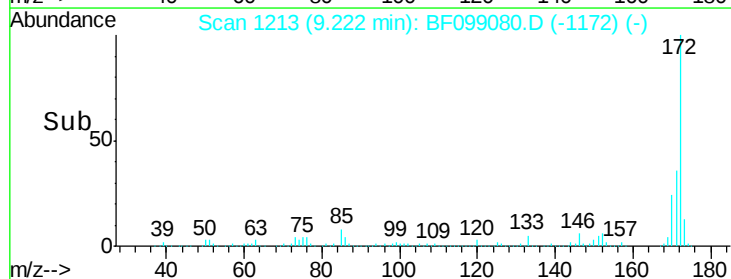
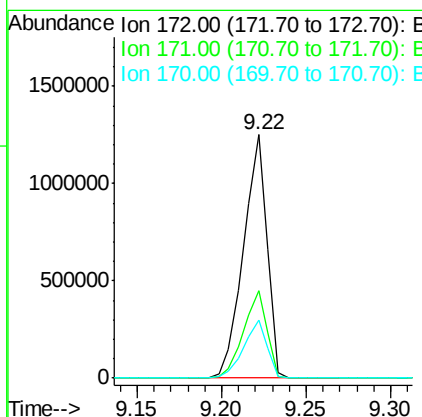
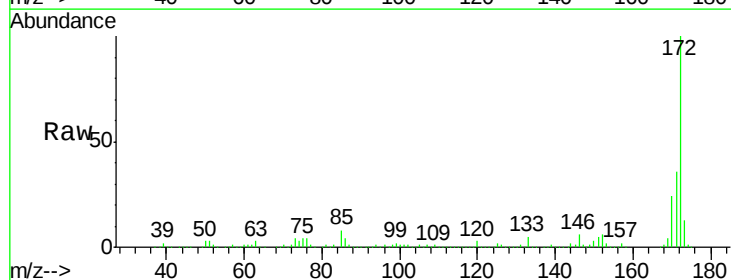
Instrument :
 BNA_F
 ClientSampleId :

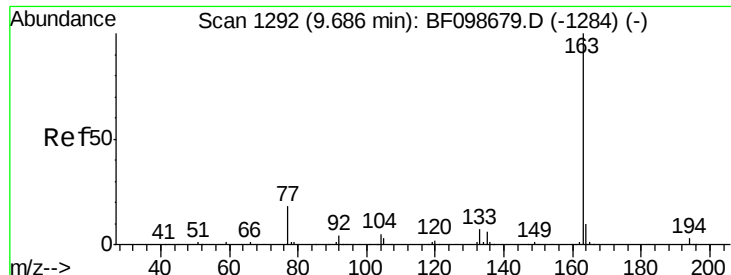
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	38.7	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 82.53 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.06 min
 Lab File: BF099080.D
 Acq: 4 Oct 2017 21:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.0	19.6	29.4

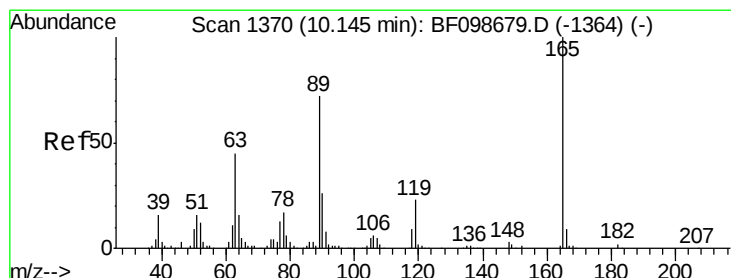
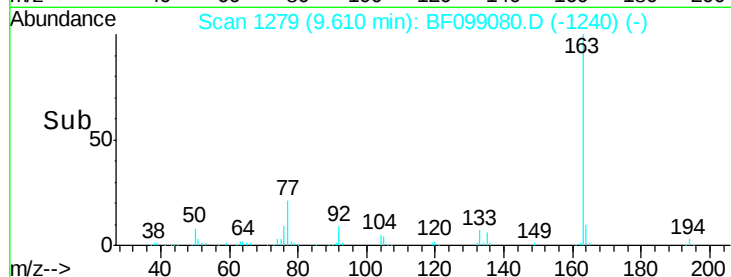
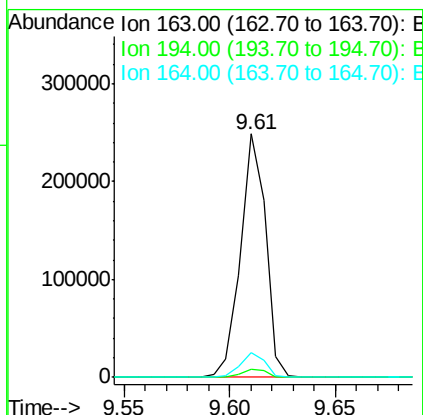
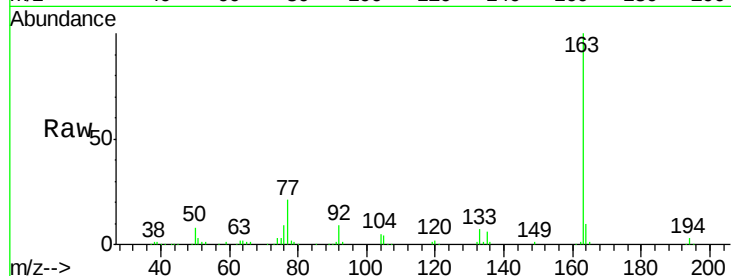




#49
Dimethylphthalate
Concen: 10.96 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.07 min
Lab File: BF099080.D
Acq: 4 Oct 2017 21:28

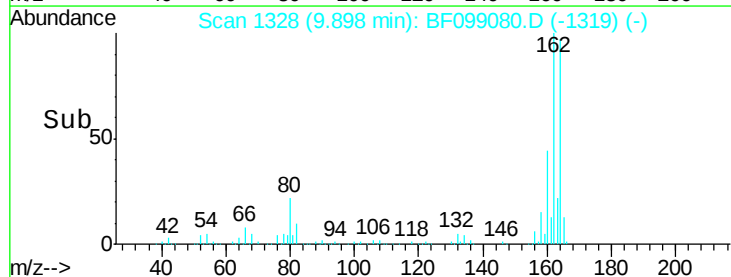
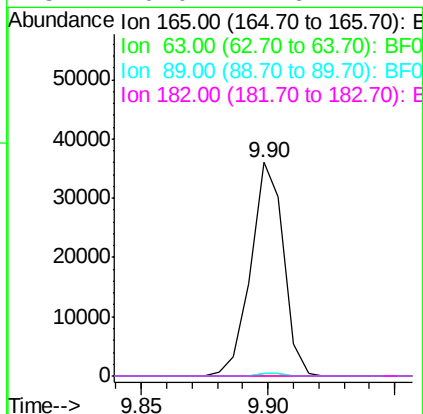
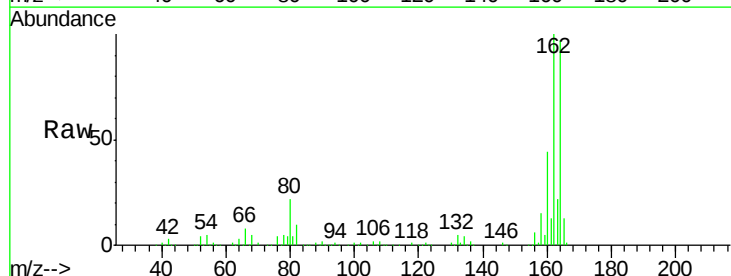
Instrument :
BNA_F
ClientSampleId :

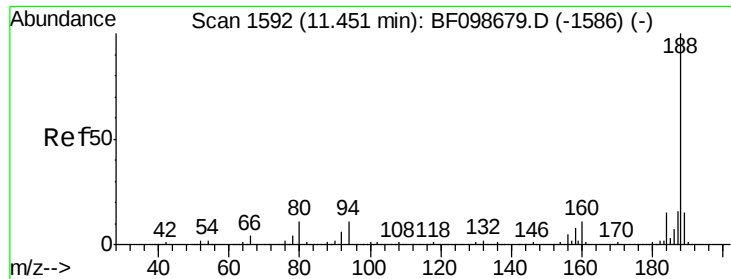
Tot Ion:163 Resp: 204414
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 10.3 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 6.11 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.25 min
Lab File: BF099080.D
Acq: 4 Oct 2017 21:28

Tgt Ion:165 Resp: 32209
Ion Ratio Lower Upper
165 100
63 1.3 36.4 54.6#
89 1.0 57.8 86.6#
182 0.0 1.6 2.4#

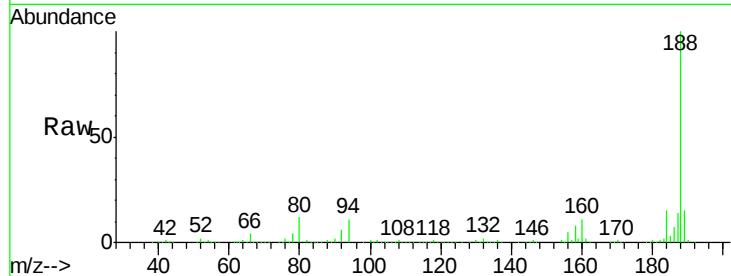




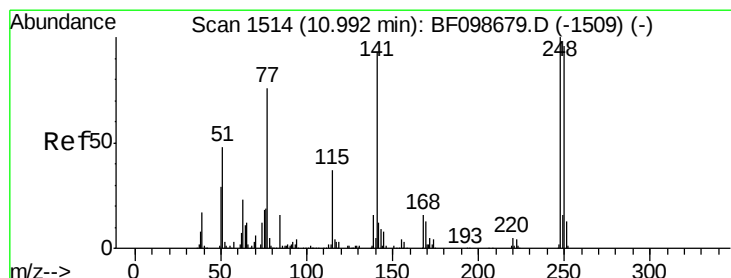
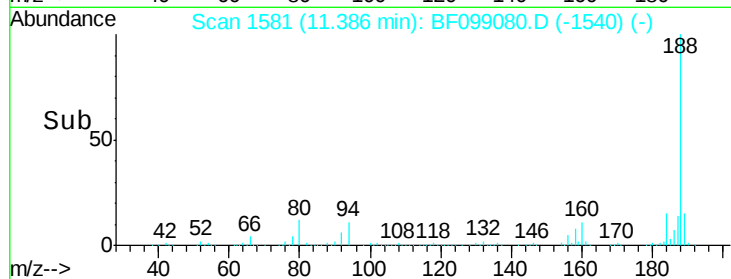
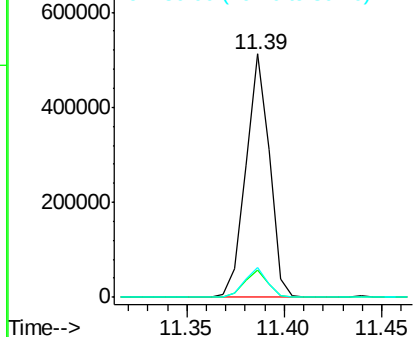
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.06 min
Lab File: BF099080.D
Acq: 4 Oct 2017 21:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 429063
Ion Ratio Lower Upper
188 100
94 11.0 8.5 12.7
80 12.4 9.2 13.8

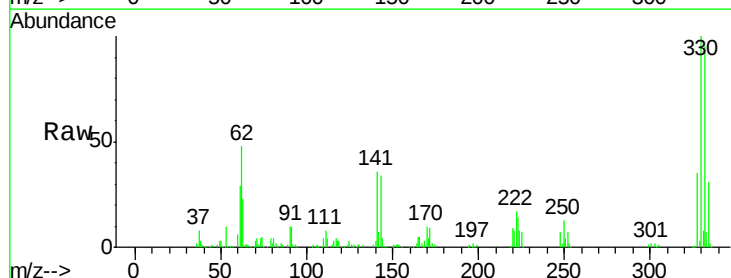


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

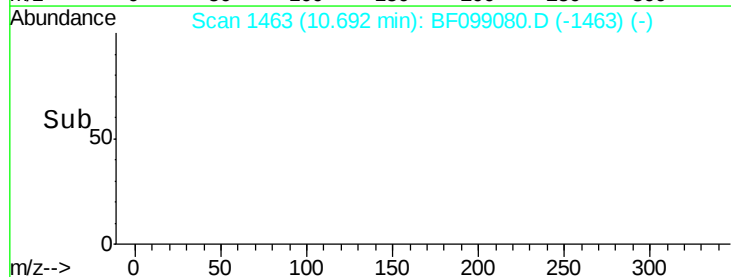
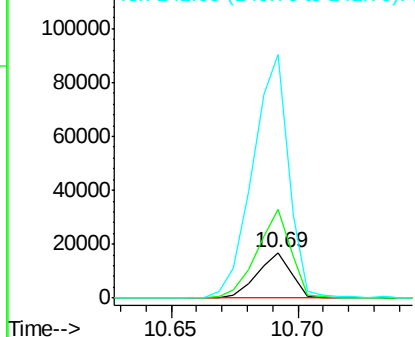


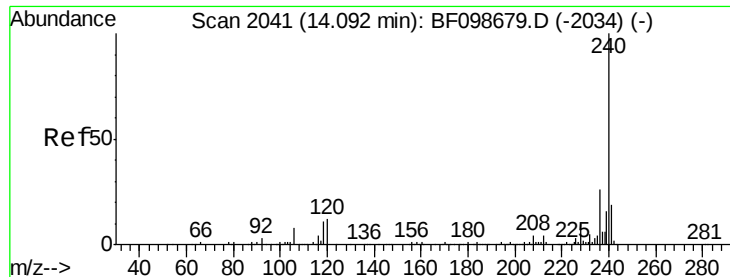
#66
4-Bromophenyl-phenylether
Concen: 3.72 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.30 min
Lab File: BF099080.D
Acq: 4 Oct 2017 21:28

Tgt Ion:248 Resp: 15604
Ion Ratio Lower Upper
248 100
250 196.3 76.9 115.3#
141 536.1 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

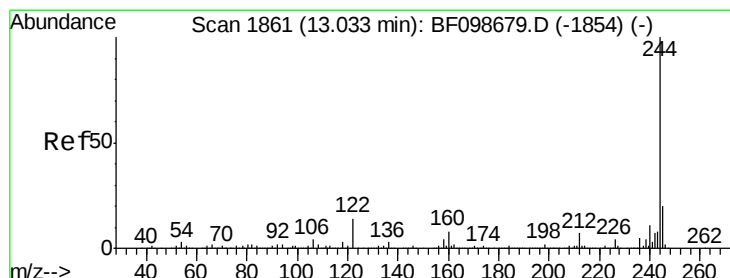
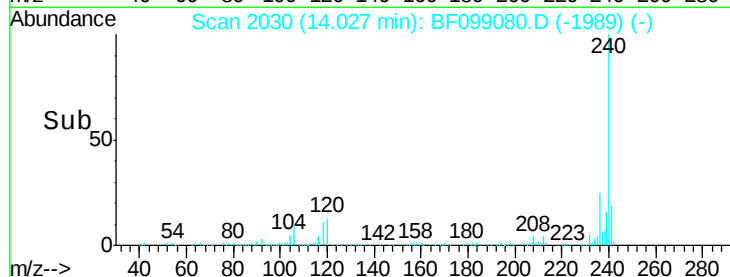
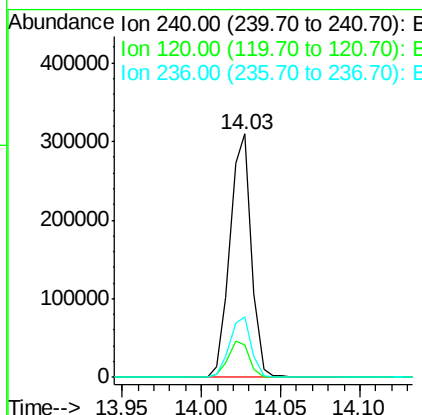
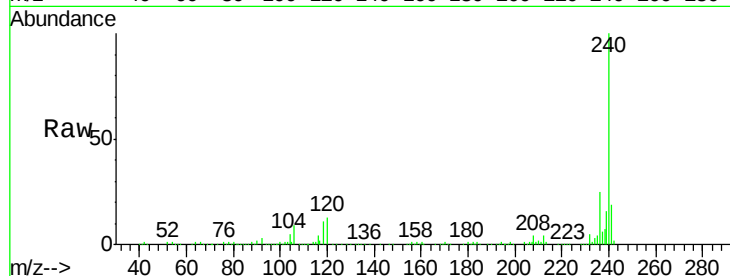




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.06 min
 Lab File: BF099080.D
 Acq: 4 Oct 2017 21:28

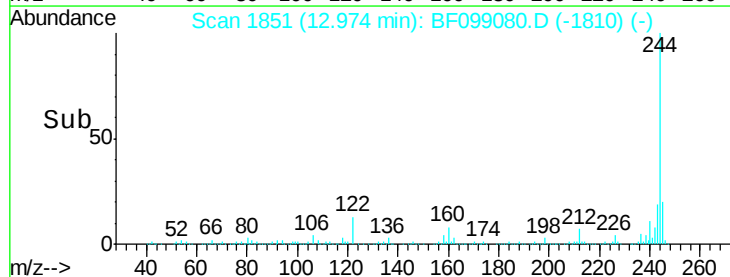
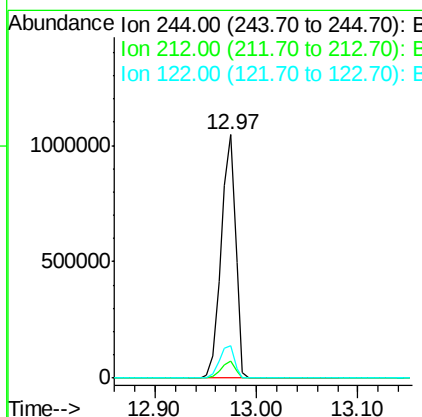
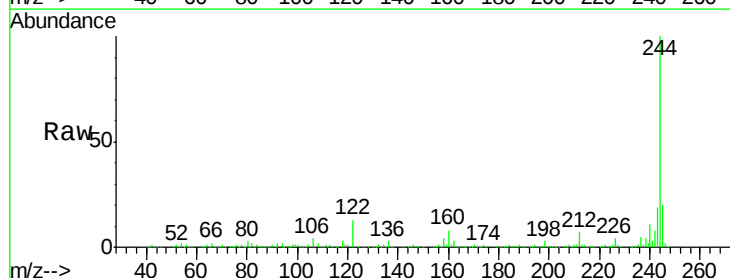
Instrument :
 BNA_F
 ClientSampleId :

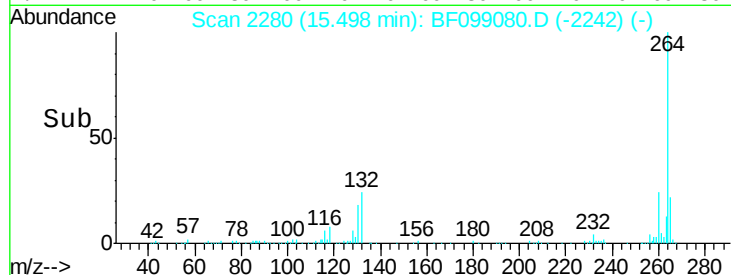
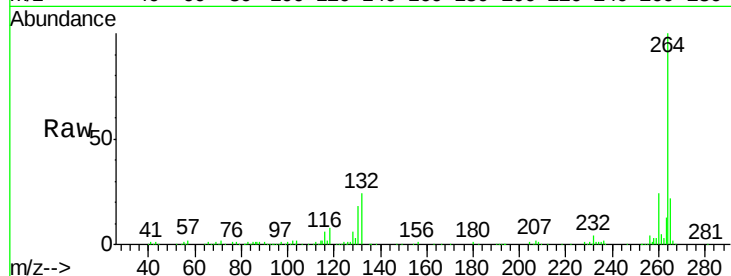
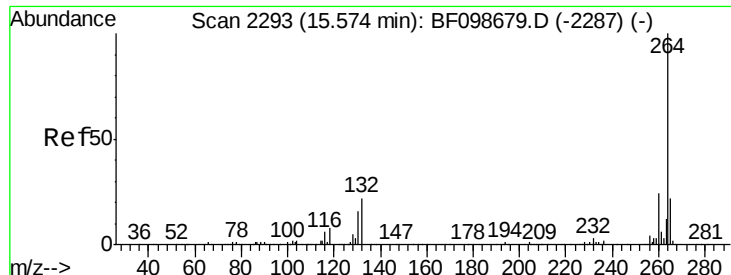
Tot Ion:240 Resp: 290077
 Ion Ratio Lower Upper
 240 100
 120 13.2 9.5 14.3
 236 24.9 20.7 31.1



#78
 Terphenyl-d14
 Concen: 80.96 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.06 min
 Lab File: BF099080.D
 Acq: 4 Oct 2017 21:28

Tgt Ion:244 Resp: 1032623
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 13.5 11.0 16.4





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.08 min
Lab File: BF099080.D
Acq: 4 Oct 2017 21:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	212760
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.2	17.5	26.3

