

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101317\
 Data File : BF099444.D
 Acq On : 13 Oct 2017 17:25
 Operator : SJ/JU
 Sample : I5713-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 13 22:50:18 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

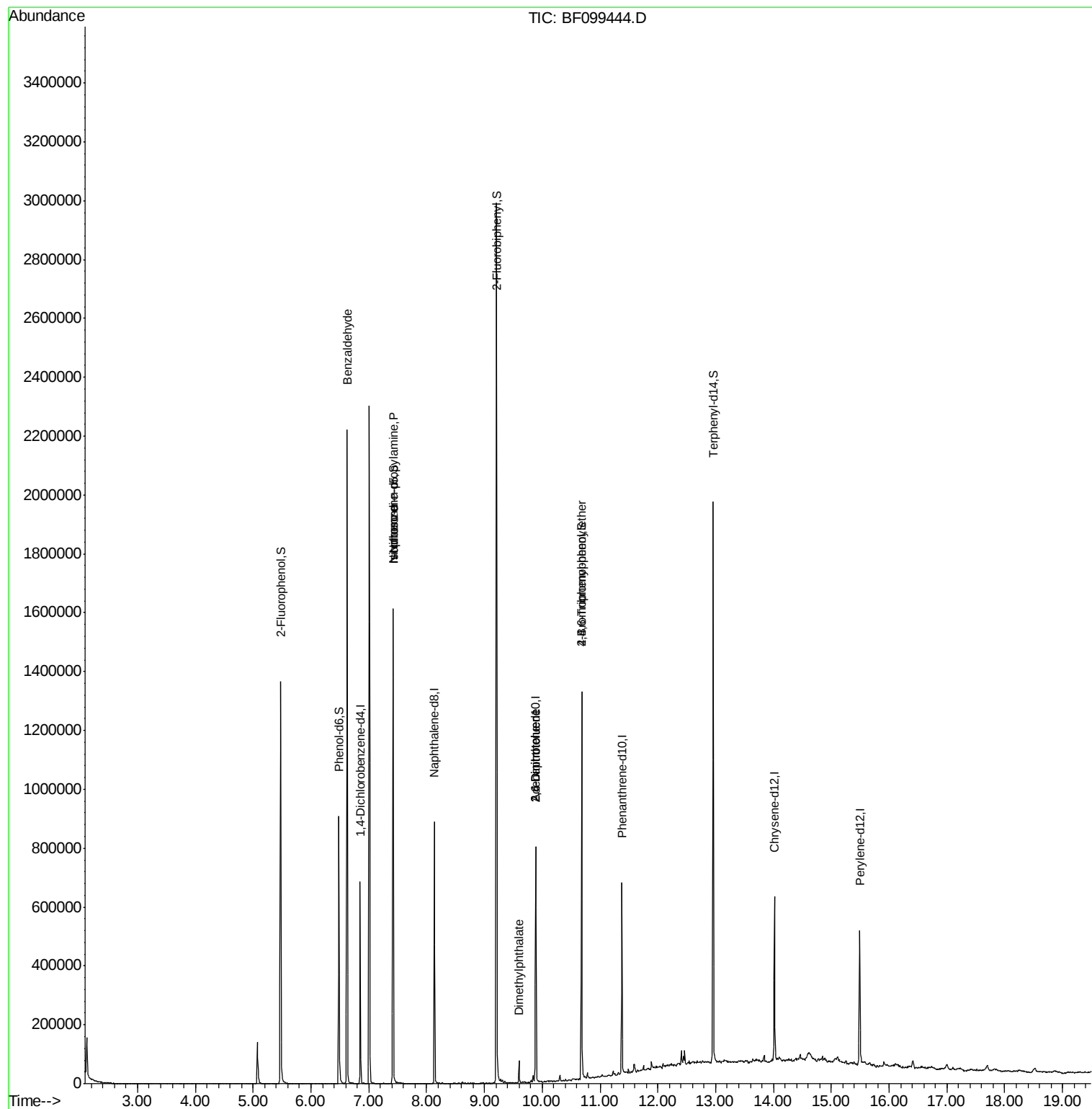
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	96399	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	377169	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	148434	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	216836	20.00	ng	0.00
75) Chrysene-d12	14.02	240	178503	20.00	ng	0.00
86) Perylene-d12	15.49	264	198095	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	416624	68.80	ng	0.00
7) Phenol-d6	6.48	99	316665	42.39	ng	0.00
23) Nitrobenzene-d5	7.42	82	553071	94.04	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	152784	125.79	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	974485	109.60	ng	0.00
78) Terphenyl-d14	12.96	244	647608	82.51	ng	0.00
Target Compounds						
9) Benzaldehyde	6.62	77	13275	3.06	ng	Qvalue 84
19) n-Nitroso-di-n-propylamine	7.42	70	71444	14.98	ng	# 73
25) Isophorone	7.42	82	553065	45.48	ng	# 64
49) Dimethylphthalate	9.60	163	29805	2.66	ng	99
50) 2,6-Dinitrotoluene	9.89	165	18642	7.64	ng	# 25
56) 2,4-Dinitrotoluene	9.89	165	18642	5.89	ng	# 22
66) 4-Bromophenyl-phenylether	10.68	248	9902	4.67	ng	# 1

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

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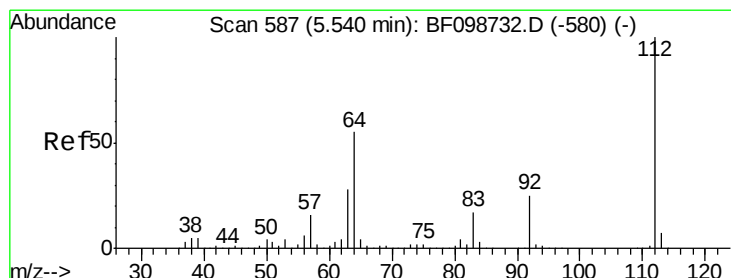
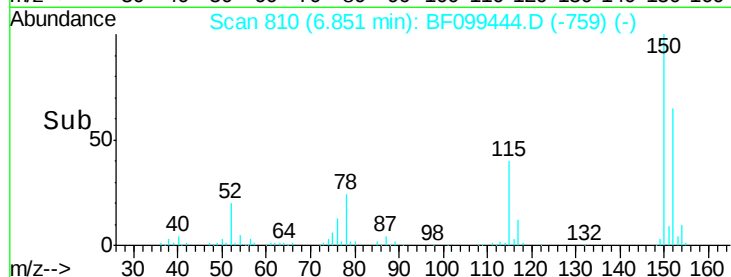
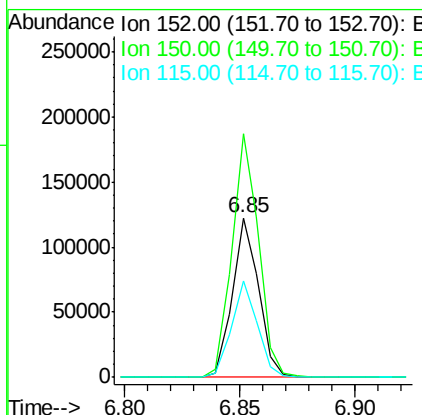
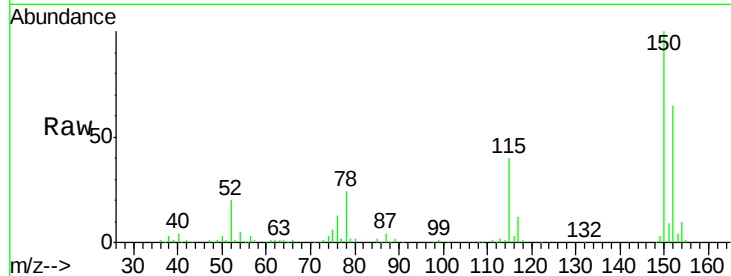




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF099444.D
 Acq: 13 Oct 2017 17:25

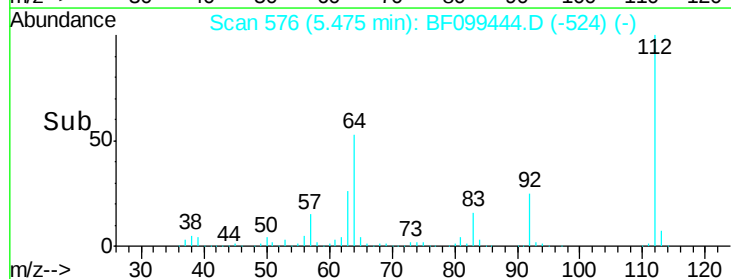
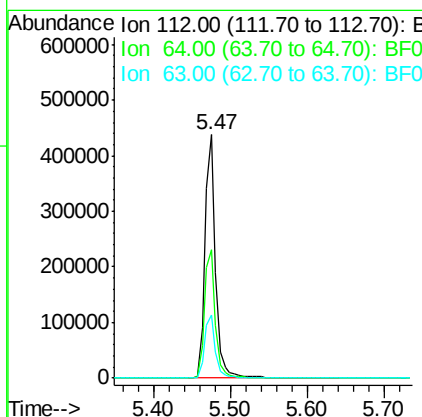
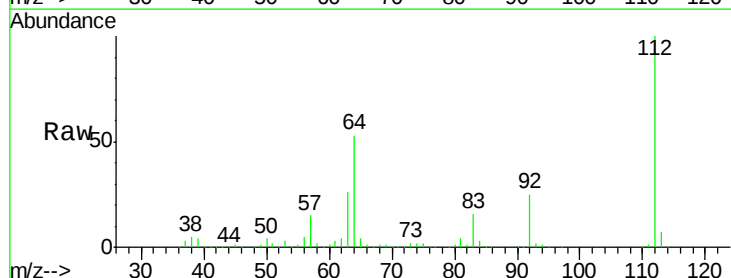
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 96399
 Ion Ratio Lower Upper
 152 100
 150 153.0 124.6 186.8
 115 60.5 50.1 75.1



#5
 2-Fluorophenol
 Concen: 68.80 ng
 RT: 5.47 min Scan# 576
 Delta R.T. 0.01 min
 Lab File: BF099444.D
 Acq: 13 Oct 2017 17:25

Tgt Ion:112 Resp: 416624
 Ion Ratio Lower Upper
 112 100
 64 52.9 47.9 71.9
 63 25.9 23.7 35.5





#7

Phenol-d6

Concen: 42.39 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF099444.D

Acq: 13 Oct 2017 17:25

Instrument :

BNA_F

ClientSampled :

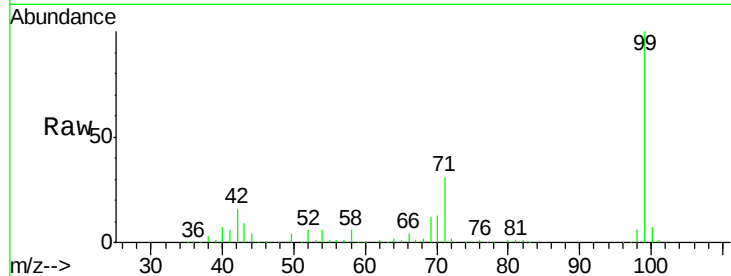
Tot Ion: 99 Resp: 316665

Ion Ratio Lower Upper

99 100

42 16.1 14.5 21.7

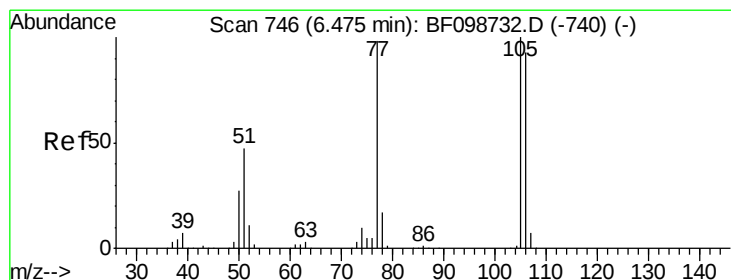
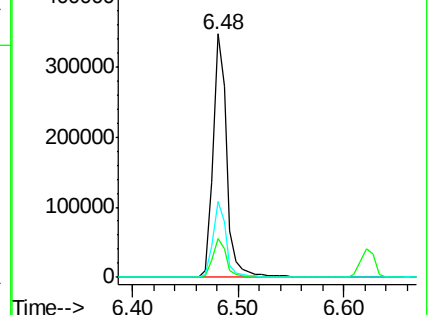
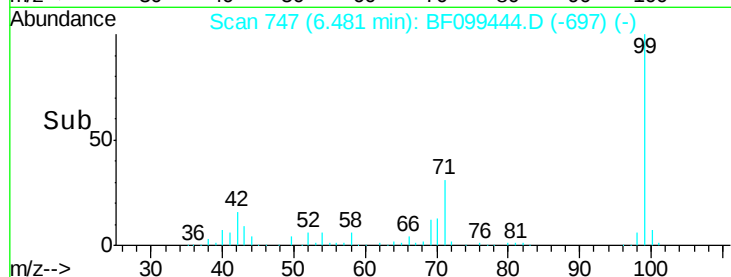
71 31.3 25.4 38.0



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: 3.06 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.21 min

Lab File: BF099444.D

Acq: 13 Oct 2017 17:25

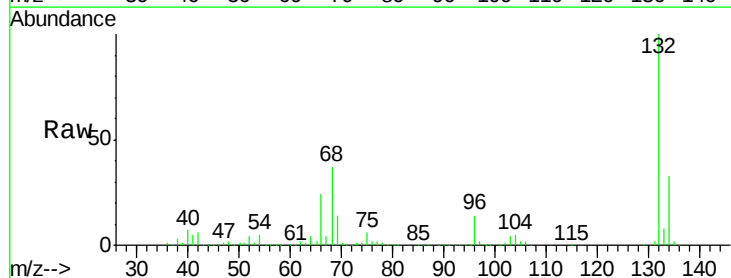
Tgt Ion: 77 Resp: 13275

Ion Ratio Lower Upper

77 100

105 85.0 81.1 121.1

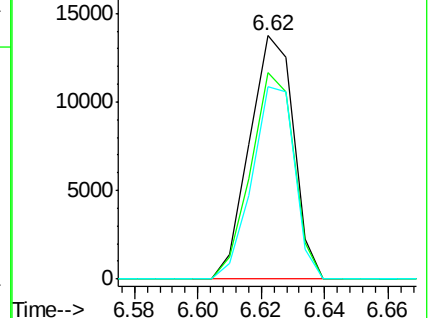
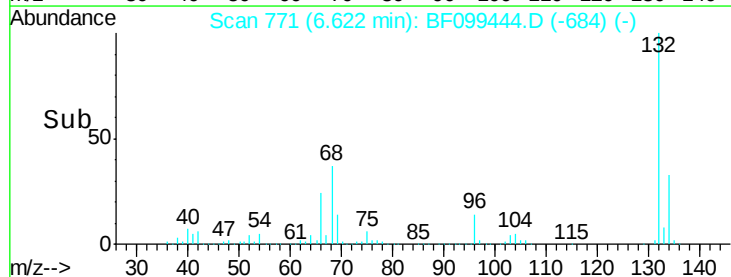
106 79.2 74.5 114.5



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





#19

n-Nitroso-di-n-propylamine

Concen: 14.98 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.15 min

Lab File: BF099444.D

Acq: 13 Oct 2017 17:25

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 71444

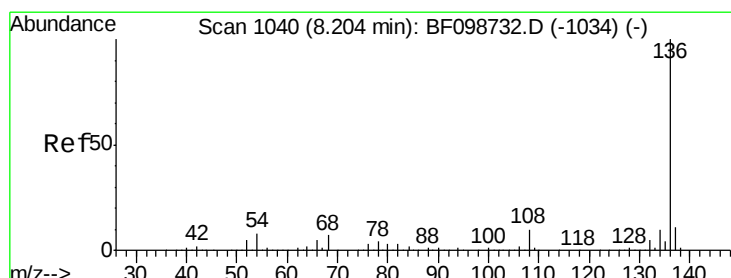
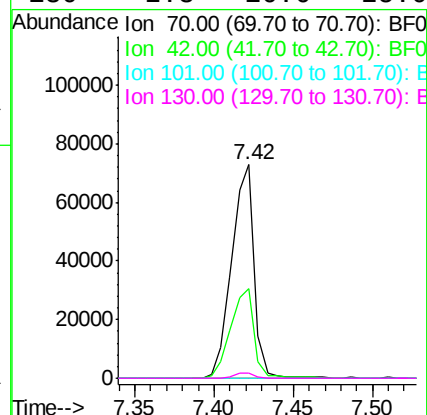
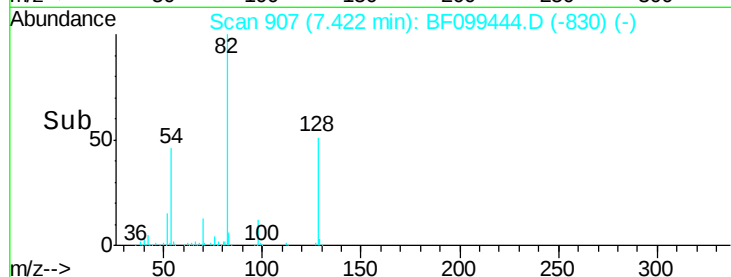
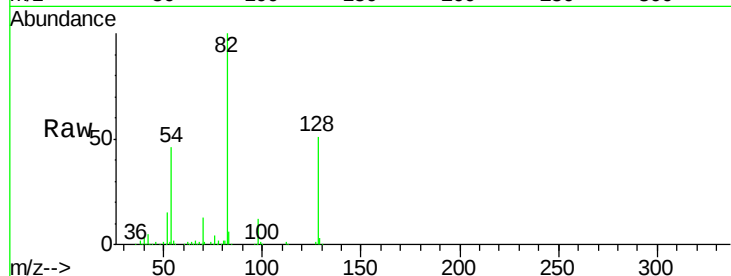
Ion Ratio Lower Upper

70 100

42 41.7 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF099444.D

Acq: 13 Oct 2017 17:25

Tgt Ion: 136 Resp: 377169

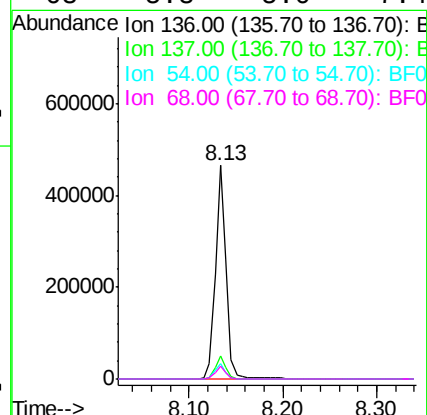
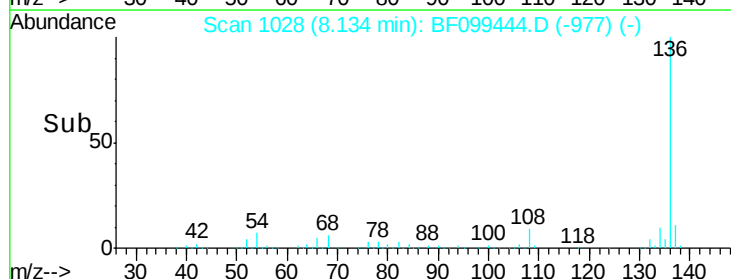
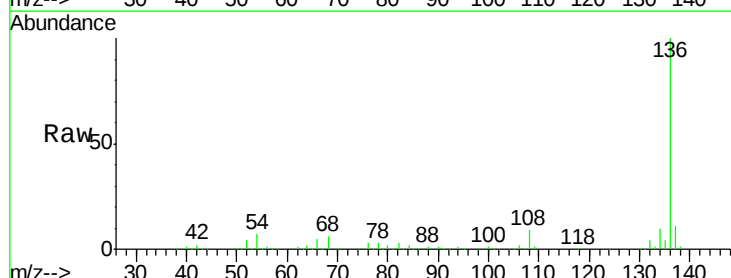
Ion Ratio Lower Upper

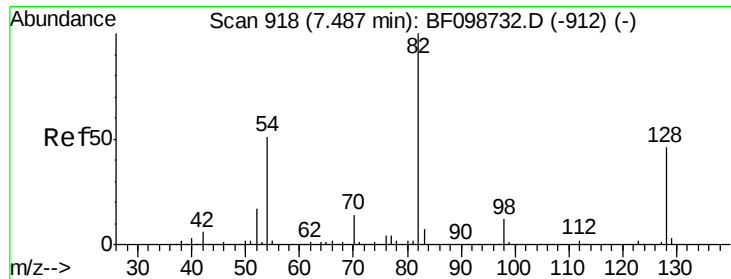
136 100

137 10.5 8.9 13.3

54 7.3 6.6 9.8

68 5.8 5.0 7.4

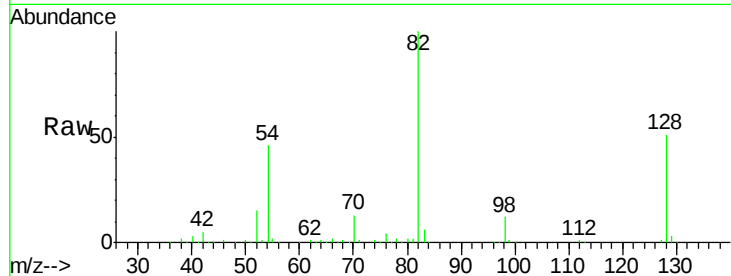




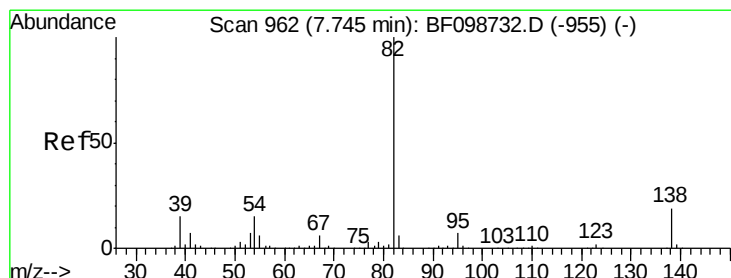
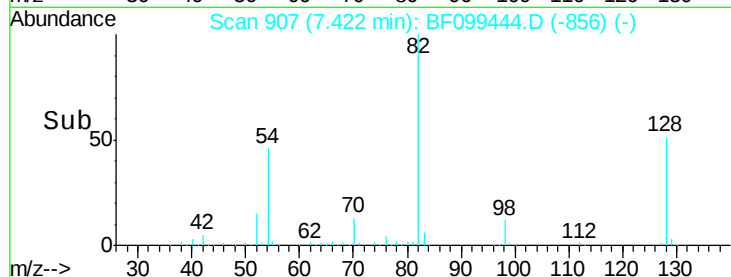
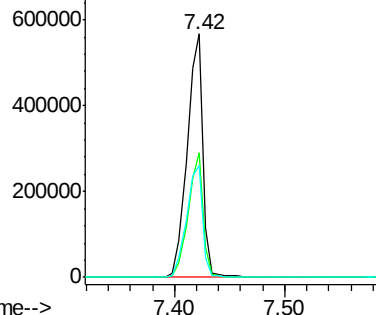
#23
 Nitrobenzene-d5
 Concen: 94.04 ng
 RT: 7.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: BF099444.D
 Acq: 13 Oct 2017 17:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 553071
 Ion Ratio Lower Upper
 82 100
 128 50.9 36.1 54.1
 54 46.1 41.4 62.2

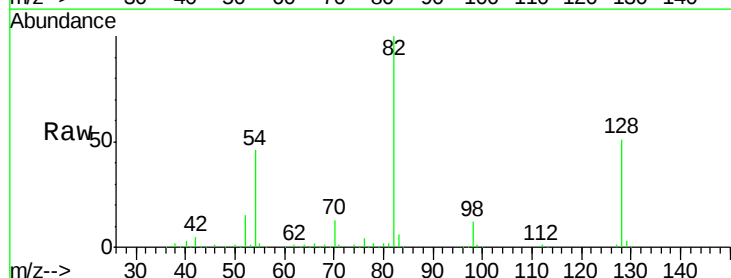


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

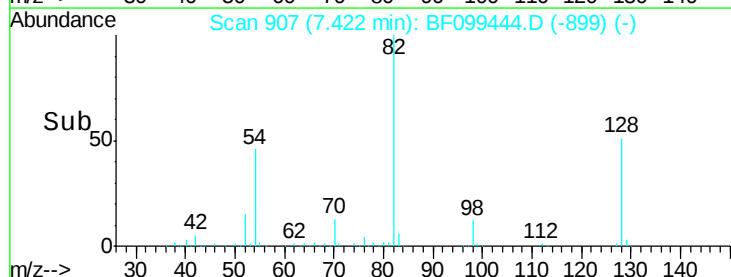
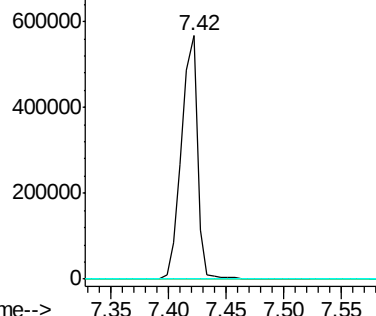


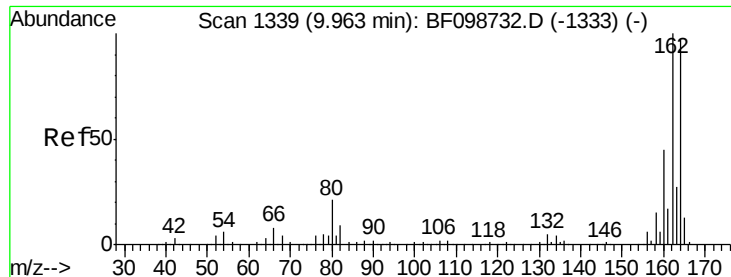
#25
 Isophorone
 Concen: 45.48 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.25 min
 Lab File: BF099444.D
 Acq: 13 Oct 2017 17:25

Tgt Ion: 82 Resp: 553065
 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

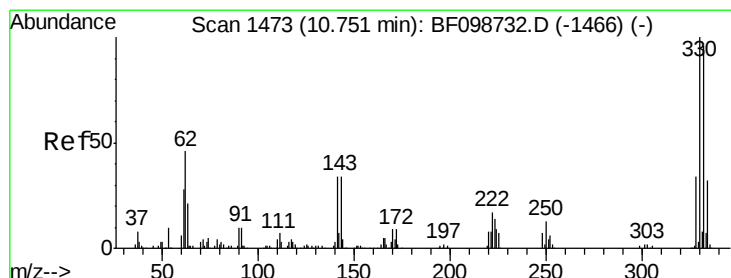
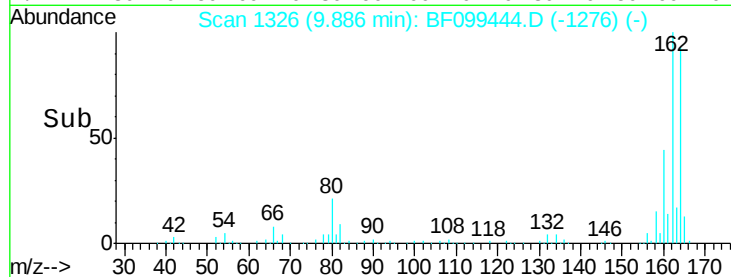
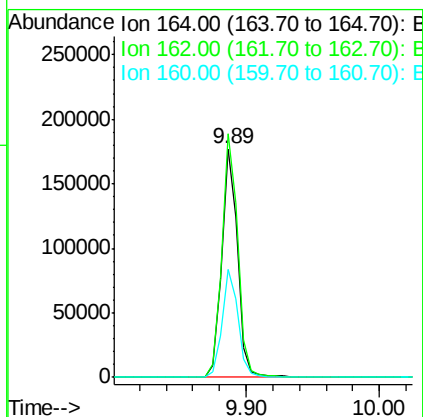
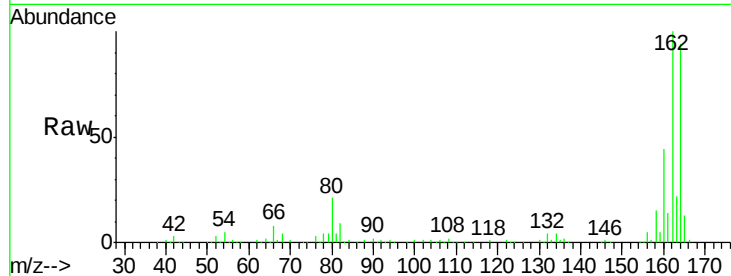




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF099444.D
 Acq: 13 Oct 2017 17:25

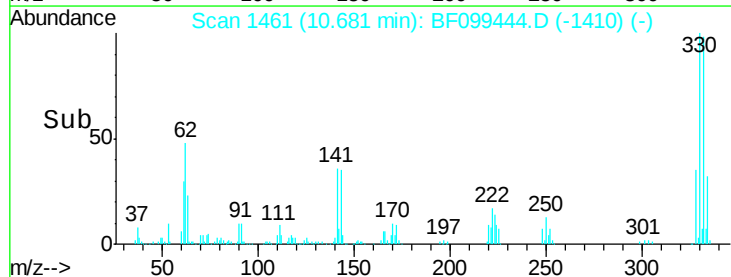
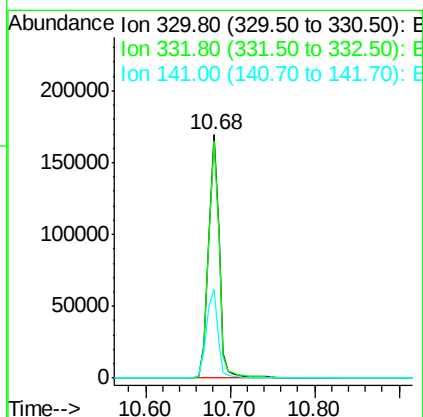
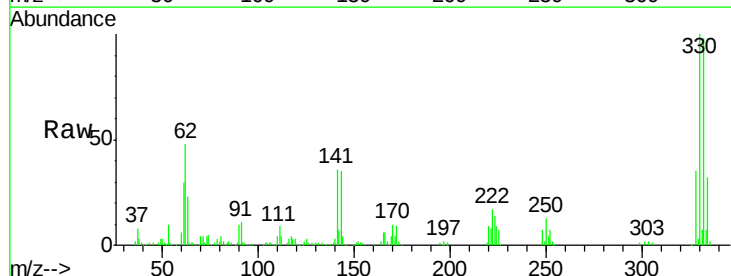
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:164 Resp: 148434
 Ion Ratio Lower Upper
 164 100
 162 106.5 86.1 129.1
 160 47.1 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 125.79 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: BF099444.D
 Acq: 13 Oct 2017 17:25

Tgt Ion:330 Resp: 152784
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.0 115.6
 141 38.6 29.9 44.9



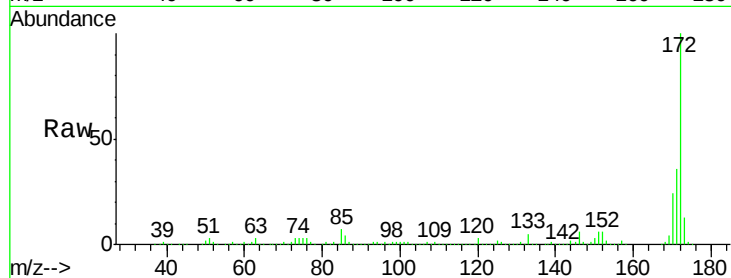


#44
 2-Fluorobiphenyl
 Concen: 109.60 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF099444.D
 Acq: 13 Oct 2017 17:25

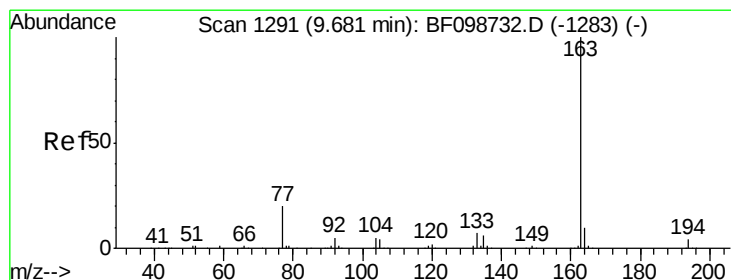
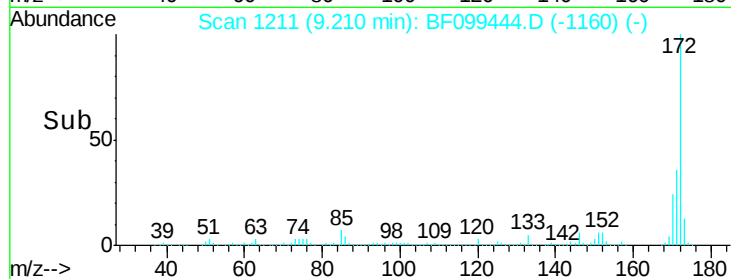
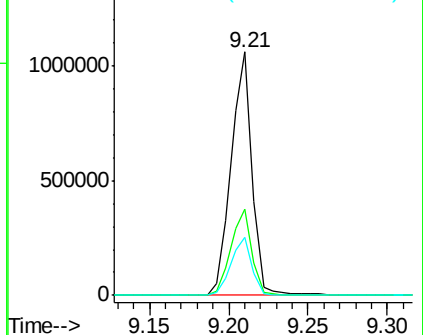
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 974485

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.9	19.6	29.4



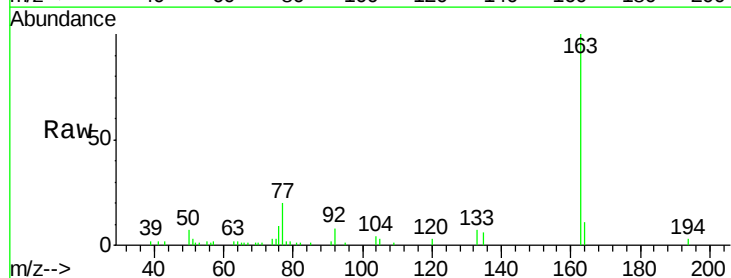
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



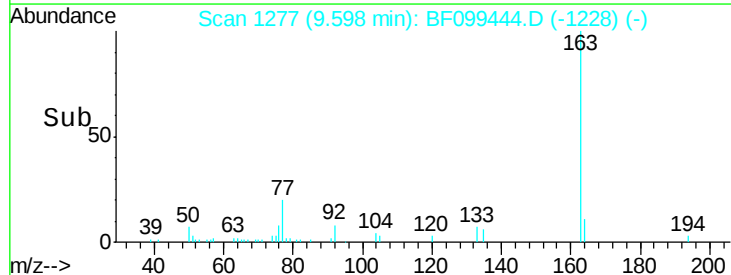
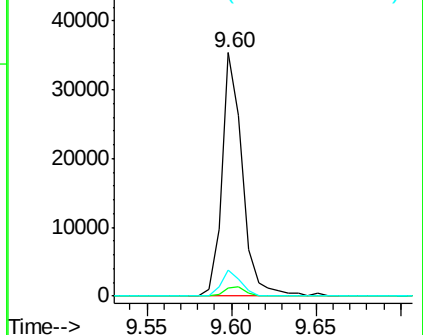
#49
 Dimethylphthalate
 Concen: 2.66 ng
 RT: 9.60 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: BF099444.D
 Acq: 13 Oct 2017 17:25

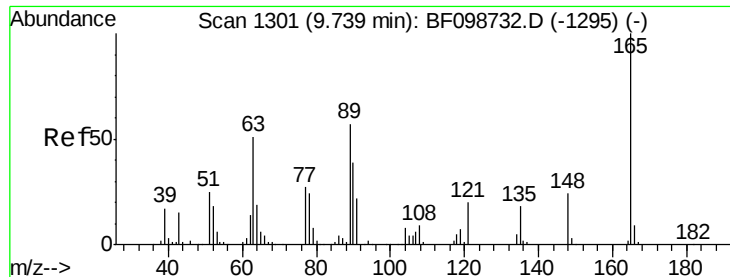
Tgt Ion:163 Resp: 29805

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.6	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

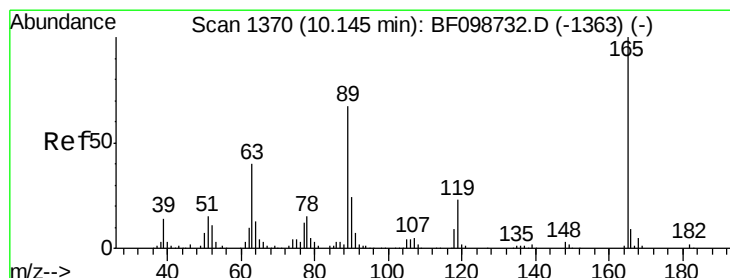
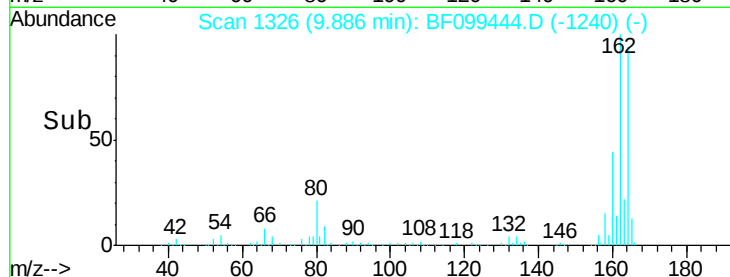
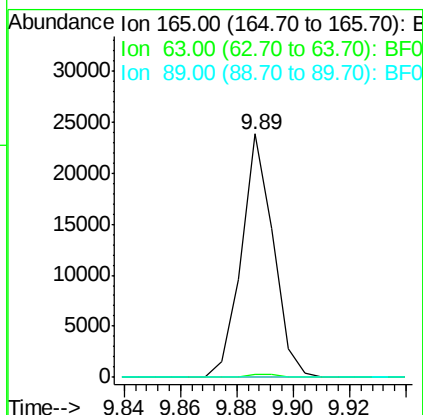
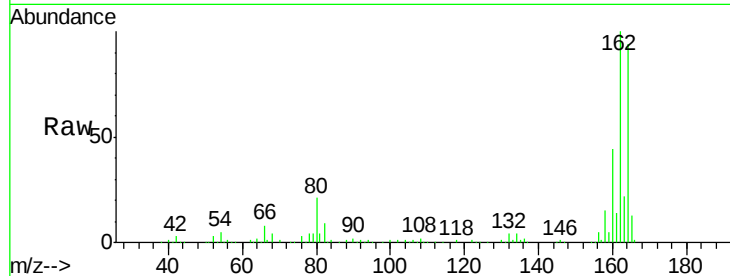




#50
 2,6-Dinitrotoluene
 Concen: 7.64 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.21 min
 Lab File: BF099444.D
 Acq: 13 Oct 2017 17:25

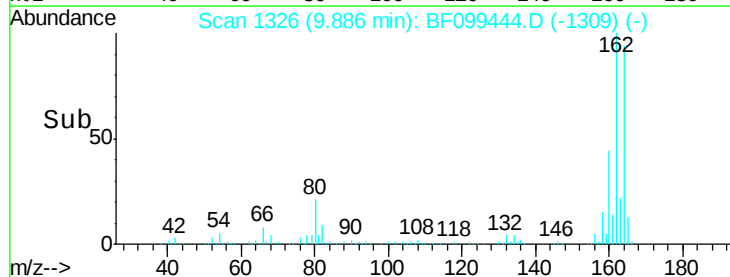
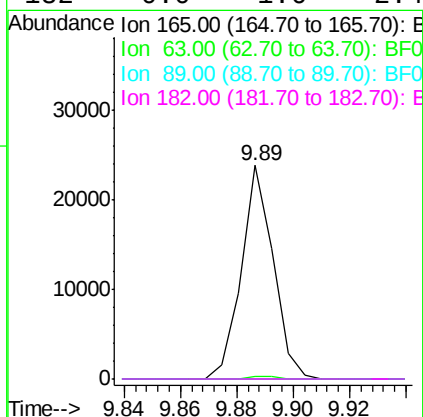
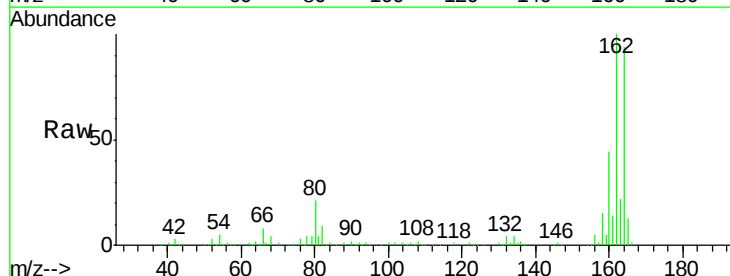
Instrument :
 BNA_F
 ClientSampleId :

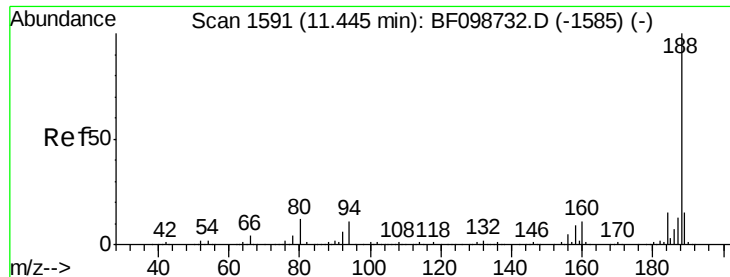
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	0.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.89 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.20 min
 Lab File: BF099444.D
 Acq: 13 Oct 2017 17:25

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

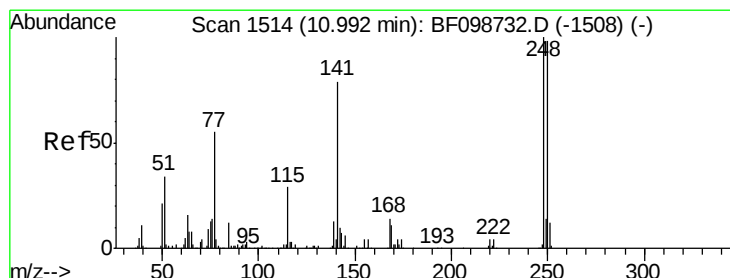
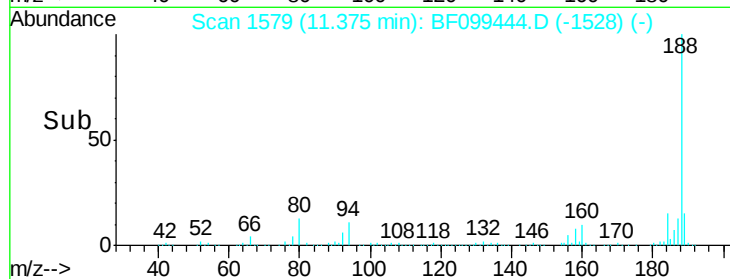
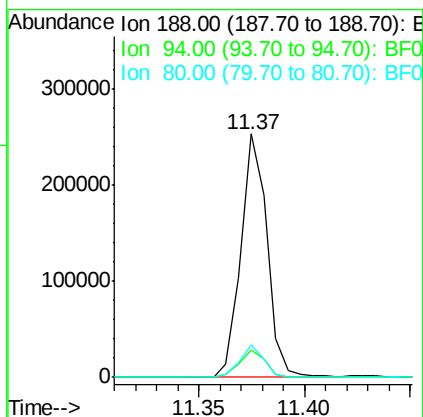
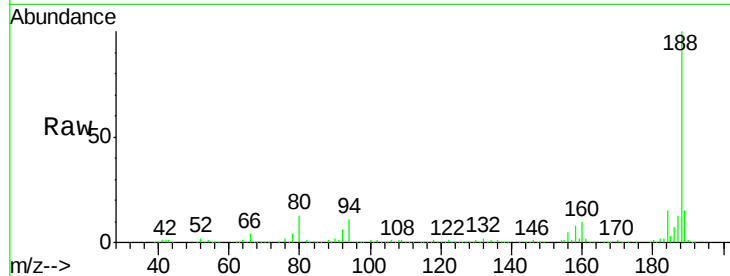




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BF099444.D
 Acq: 13 Oct 2017 17:25

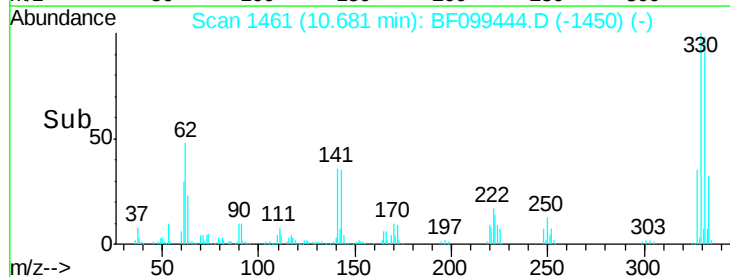
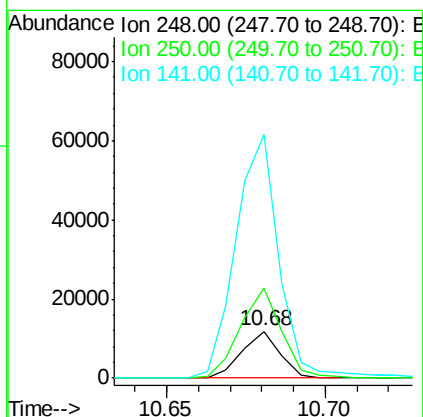
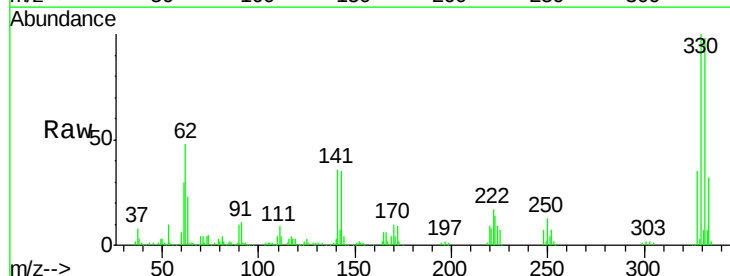
Instrument :
 BNA_F
 ClientSampleId :

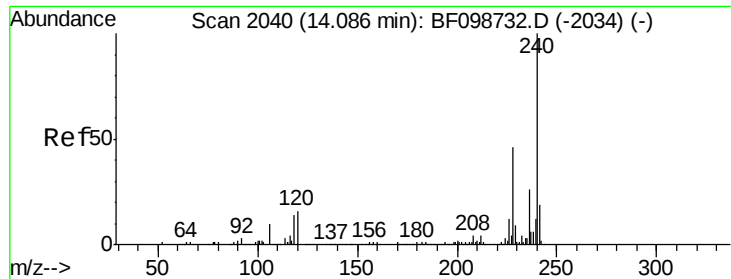
Tot Ion:188 Resp: 216836
 Ion Ratio Lower Upper
 188 100
 94 11.5 8.5 12.7
 80 13.3 9.2 13.8



#66
 4-Bromophenyl-phenylether
 Concen: 4.67 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.24 min
 Lab File: BF099444.D
 Acq: 13 Oct 2017 17:25

Tgt Ion:248 Resp: 9902
 Ion Ratio Lower Upper
 248 100
 250 191.6 76.9 115.3#
 141 520.0 74.4 111.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF099444.D

Acq: 13 Oct 2017 17:25

Instrument :

BNA_F

ClientSampleId :

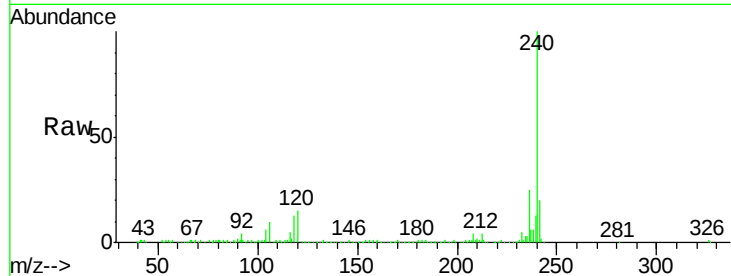
Tot Ion:240 Resp: 178503

Ion Ratio Lower Upper

240 100

120 14.8 9.5 14.3#

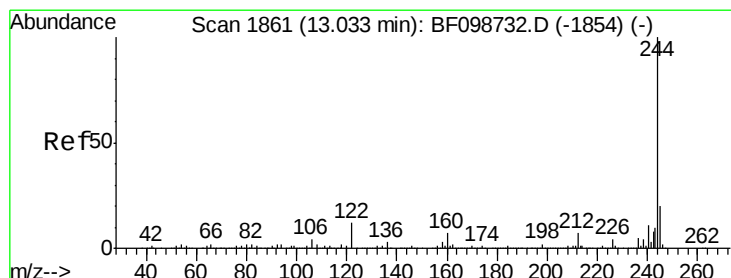
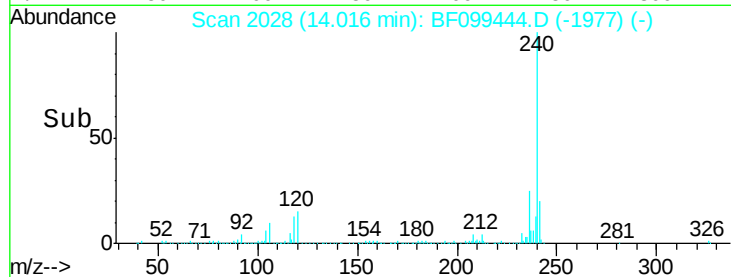
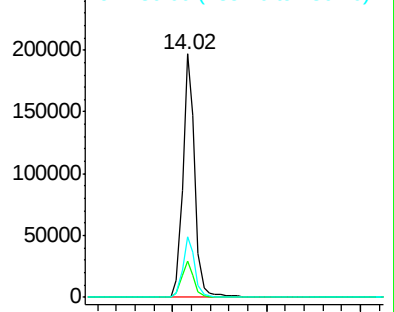
236 24.8 20.7 31.1



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: 82.51 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.00 min

Lab File: BF099444.D

Acq: 13 Oct 2017 17:25

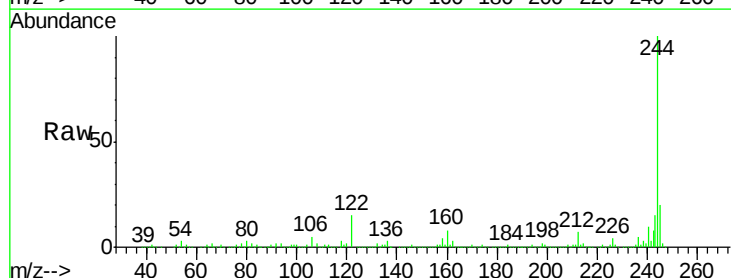
Tgt Ion:244 Resp: 647608

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

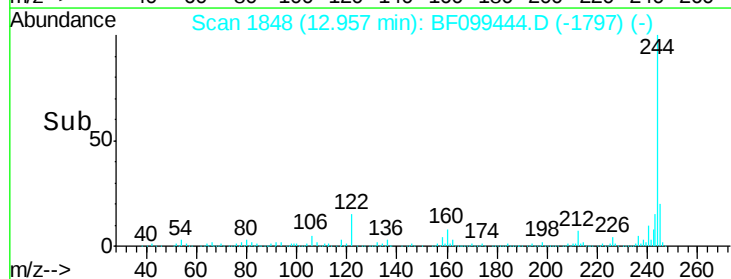
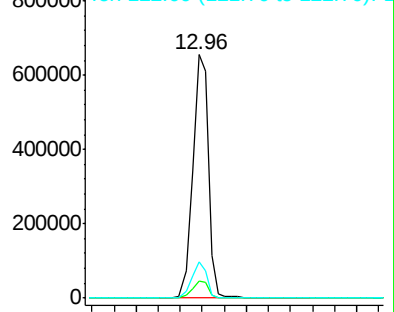
122 14.6 11.0 16.4

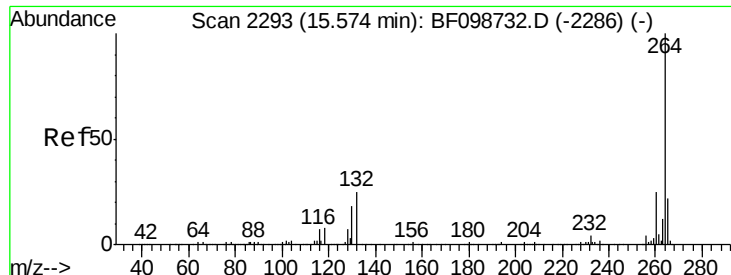


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

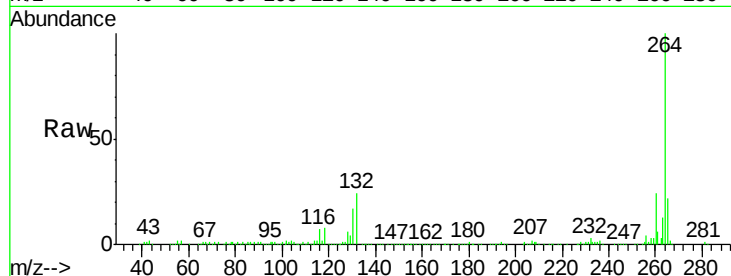




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.01 min
Lab File: BF099444.D
Acq: 13 Oct 2017 17:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.6	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

