

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100617\
 Data File : BF099161.D
 Acq On : 6 Oct 2017 21:39
 Operator : SJ/JU
 Sample : I5571-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 06 23:00:22 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

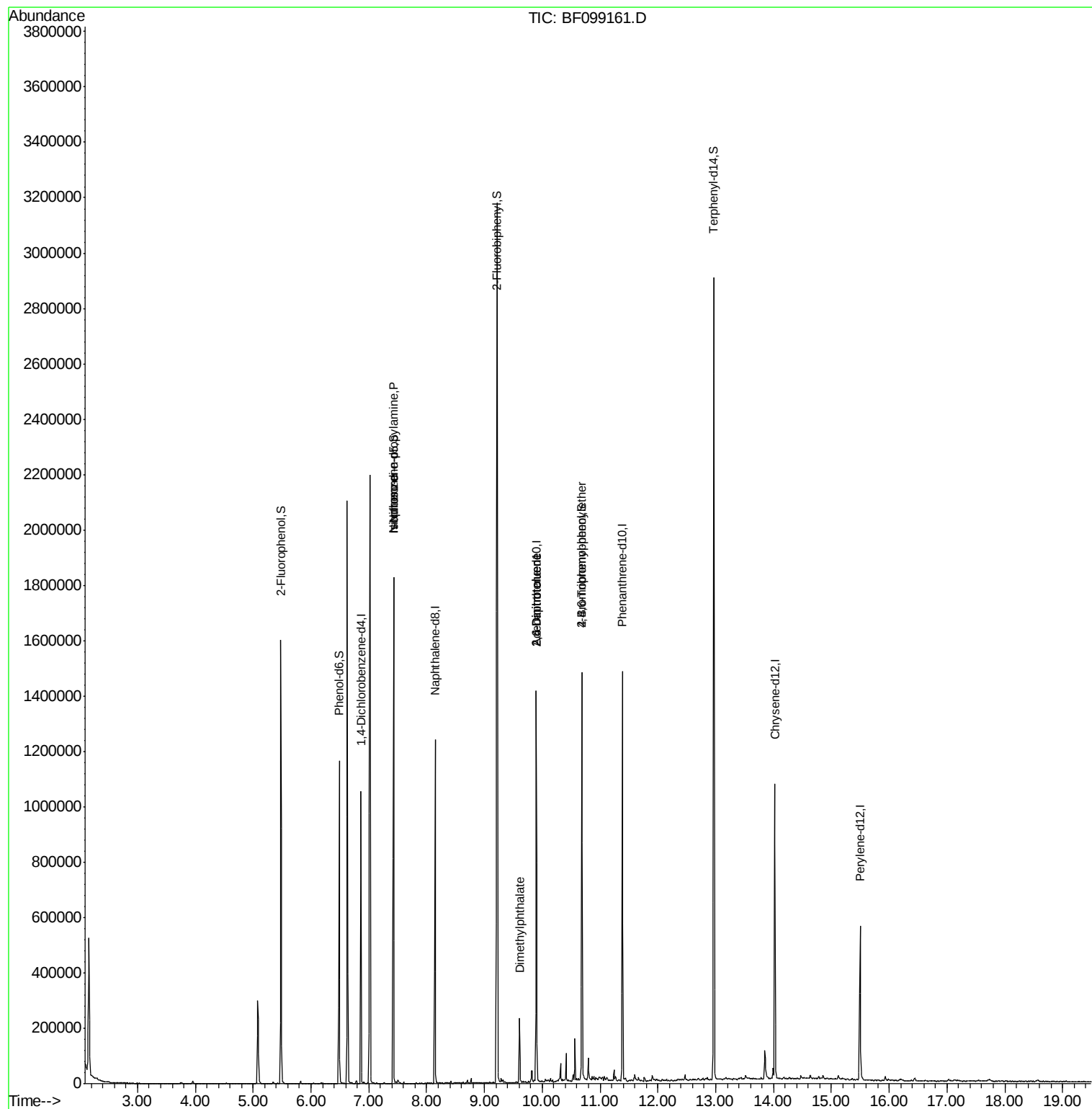
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	146013	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	590693	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	270424	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	481525	20.00	ng	0.00
75) Chrysene-d12	14.02	240	341924	20.00	ng	-0.01
86) Perylene-d12	15.50	264	248259	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	427827	46.64	ng	0.00
7) Phenol-d6	6.49	99	364689	32.23	ng	-0.01
23) Nitrobenzene-d5	7.43	82	613731	66.63	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	165567	74.82	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	1110781	68.57	ng	-0.01
78) Terphenyl-d14	12.97	244	1000142	66.52	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	79674	11.03	ng	# 73
25) Isophorone	7.43	82	611881	32.13	ng	# 64
49) Dimethylphthalate	9.61	163	84928	4.16	ng	99
50) 2,6-Dinitrotoluene	9.90	165	34156	7.69	ng	# 26
56) 2,4-Dinitrotoluene	9.90	165	34156	5.92	ng	# 23
66) 4-Bromophenyl-phenylether	10.69	248	11393	2.42	ng	# 1

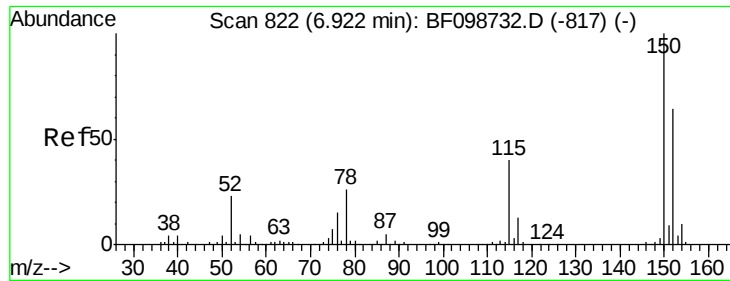
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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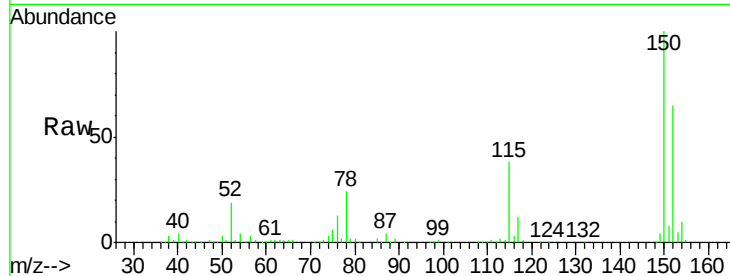




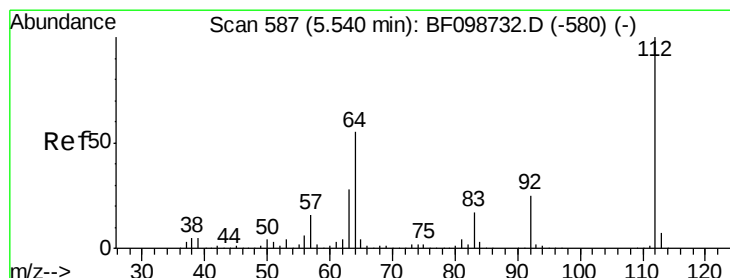
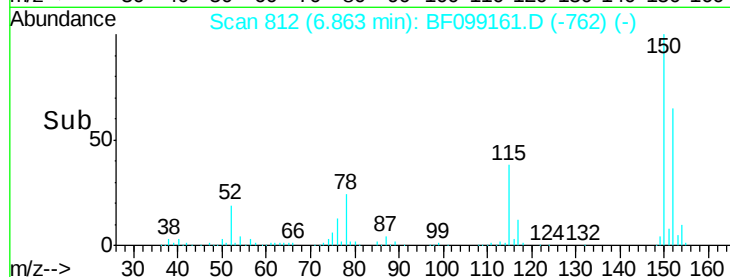
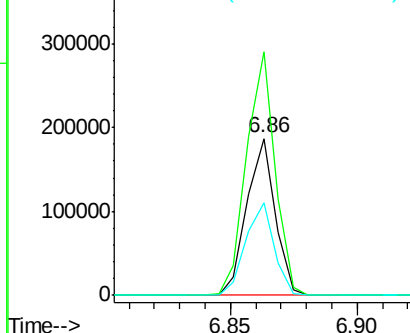
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF099161.D
 Acq: 6 Oct 2017 21:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 146013
 Ion Ratio Lower Upper
 152 100
 150 155.0 124.6 186.8
 115 59.1 50.1 75.1

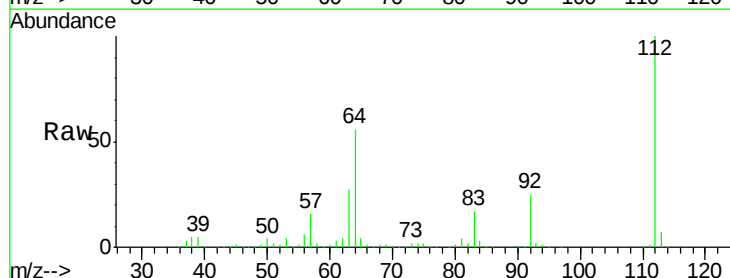


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

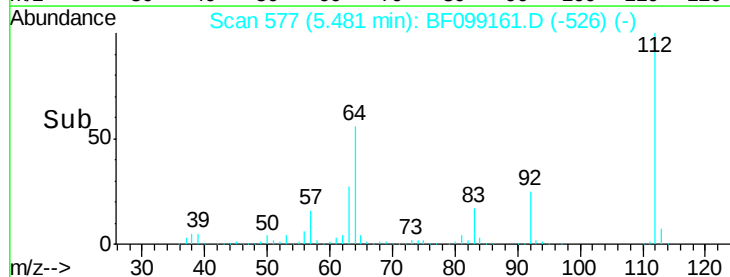
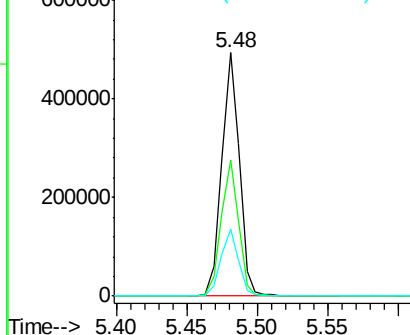


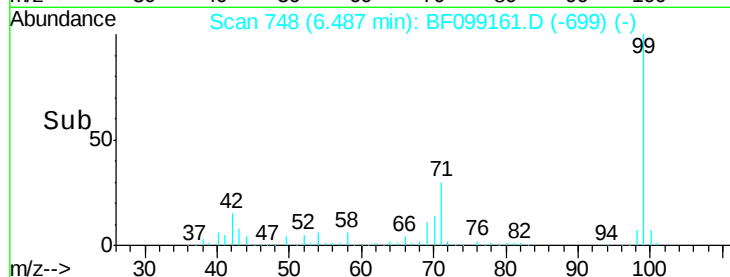
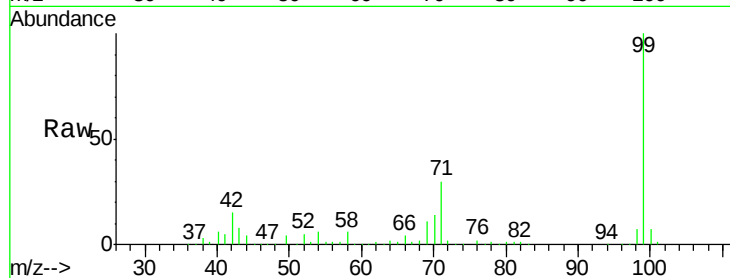
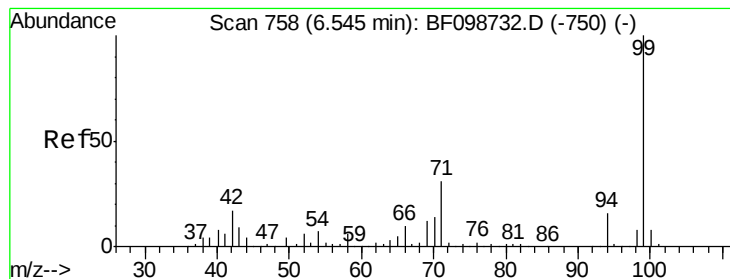
#5
 2-Fluorophenol
 Concen: 46.64 ng
 RT: 5.48 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: BF099161.D
 Acq: 6 Oct 2017 21:39

Tgt Ion:112 Resp: 427827
 Ion Ratio Lower Upper
 112 100
 64 56.1 47.9 71.9
 63 27.4 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: 32.23 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF099161.D

Acq: 6 Oct 2017 21:39

Instrument :

BNA_F

ClientSampleId :

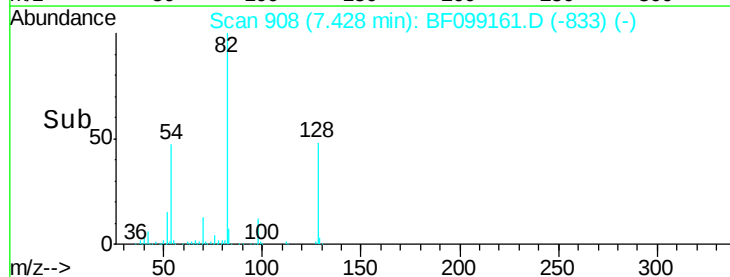
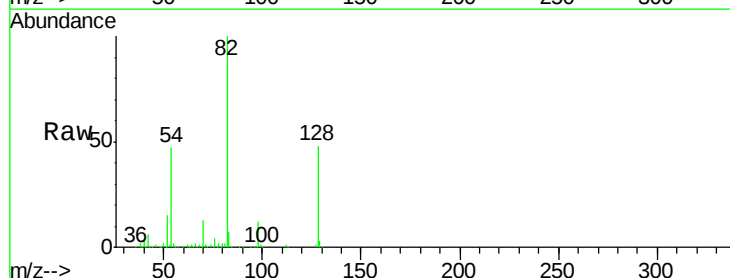
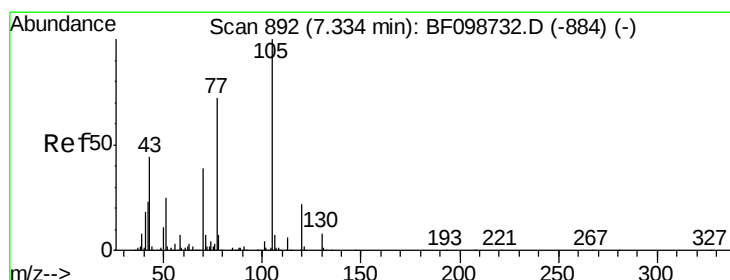
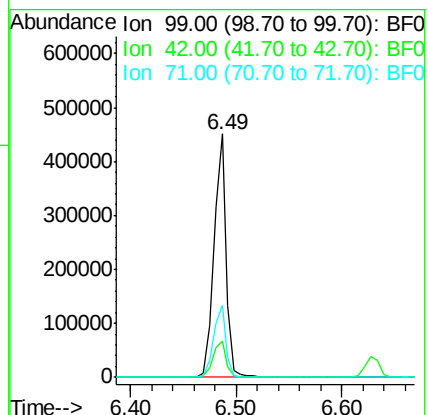
Tot Ion: 99 Resp: 364689

Ion Ratio Lower Upper

99 100

42 15.1 14.5 21.7

71 29.8 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 11.03 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.14 min

Lab File: BF099161.D

Acq: 6 Oct 2017 21:39

Tgt Ion: 70 Resp: 79674

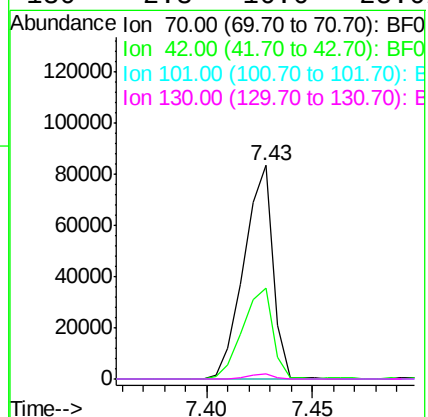
Ion Ratio Lower Upper

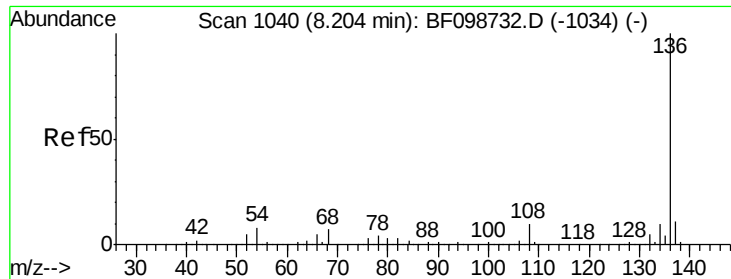
70 100

42 42.5 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

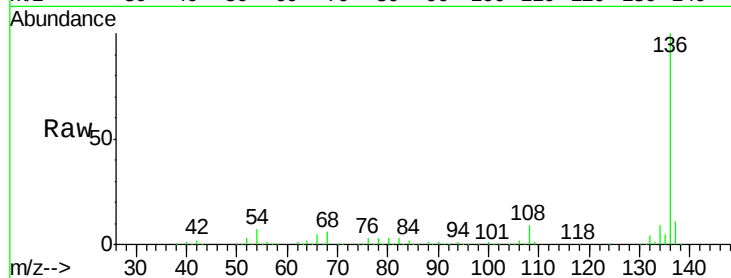




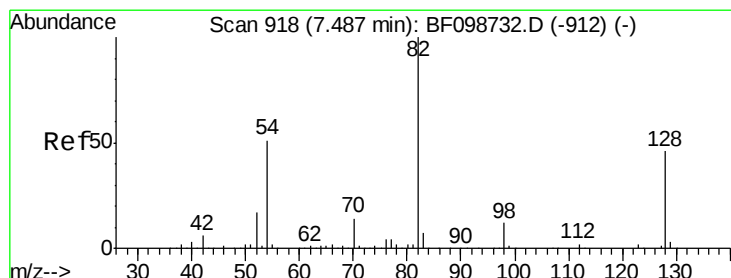
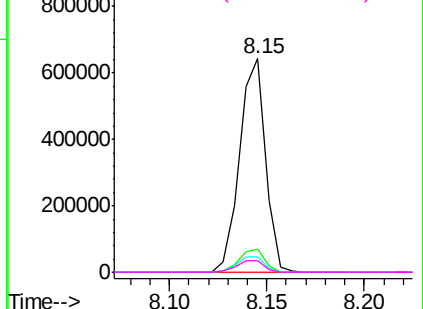
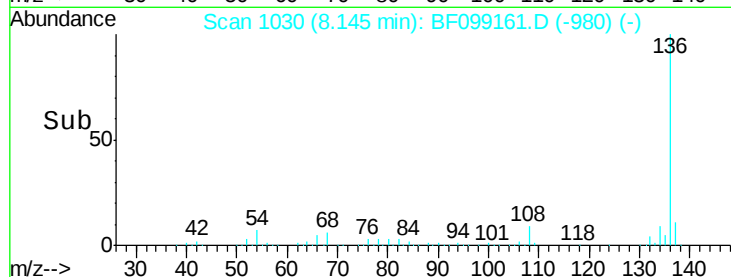
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099161.D
Acq: 6 Oct 2017 21:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	590693
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	7.1	6.6 9.8
68	5.7	5.0 7.4

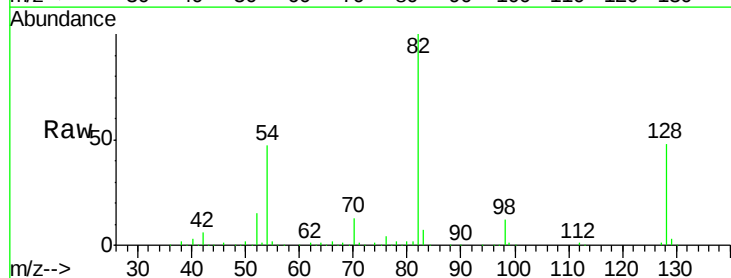


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

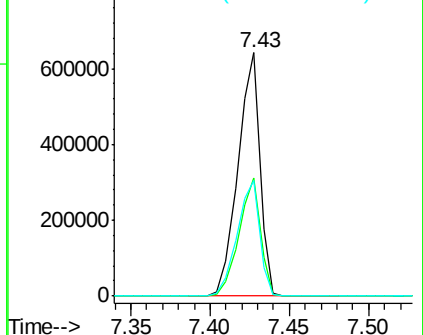
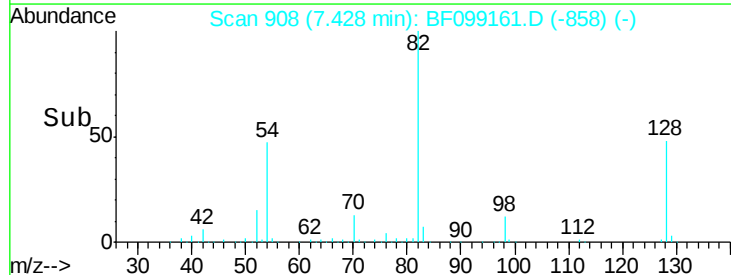


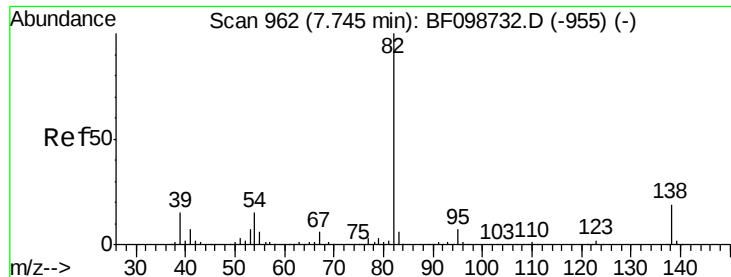
#23
Nitrobenzene-d5
Concen: 66.63 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF099161.D
Acq: 6 Oct 2017 21:39

Tgt Ion: 82	Resp:	613731
Ion Ratio	Lower	Upper
82	100	
128	48.4	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: 32.13 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.26 min

Lab File: BF099161.D

Acq: 6 Oct 2017 21:39

Instrument :

BNA_F

ClientSampleId :

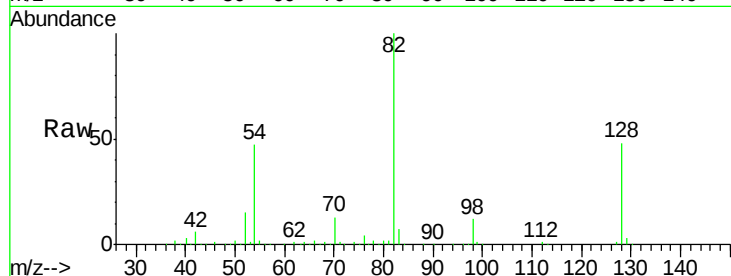
Tot Ion: 82 Resp: 611881

Ion Ratio Lower Upper

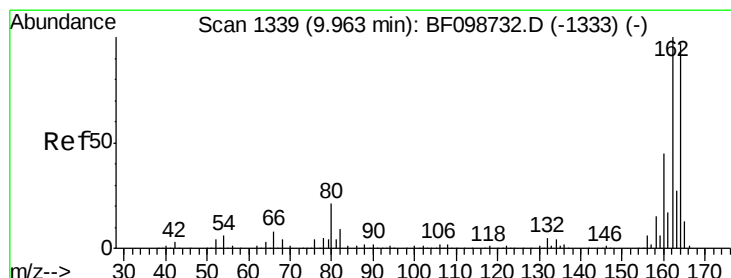
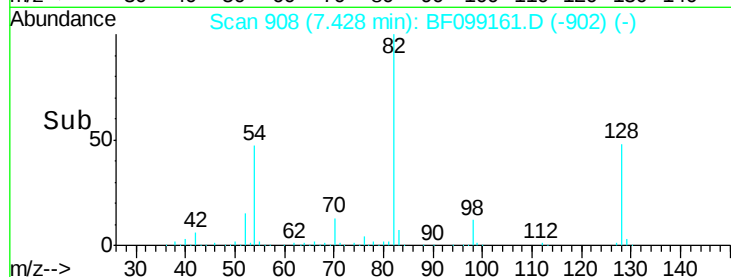
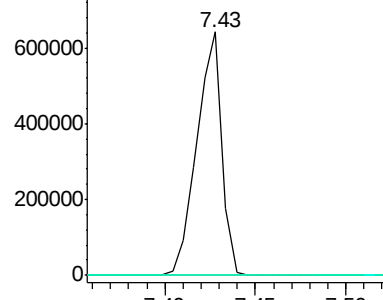
82 100

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. -0.01 min

Lab File: BF099161.D

Acq: 6 Oct 2017 21:39

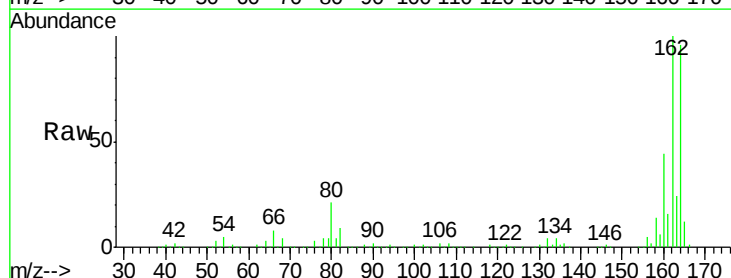
Tgt Ion: 164 Resp: 270424

Ion Ratio Lower Upper

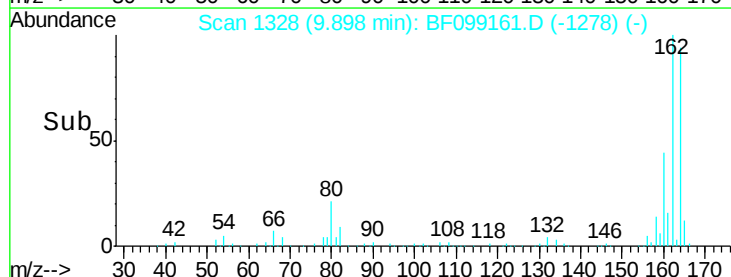
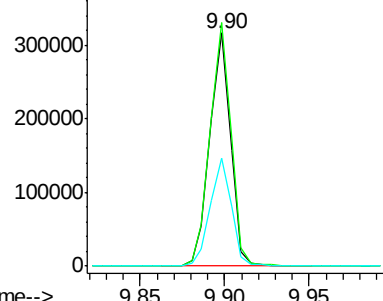
164 100

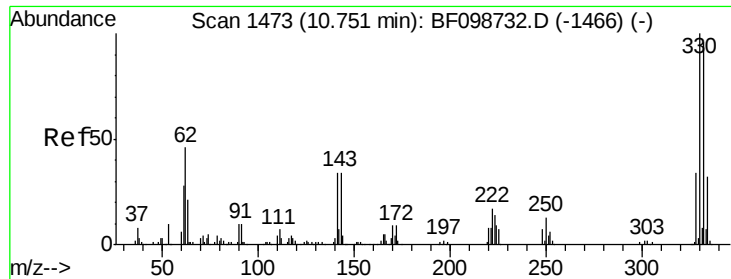
162 104.5 86.1 129.1

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

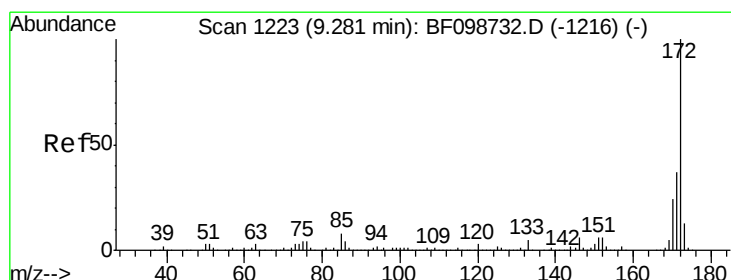
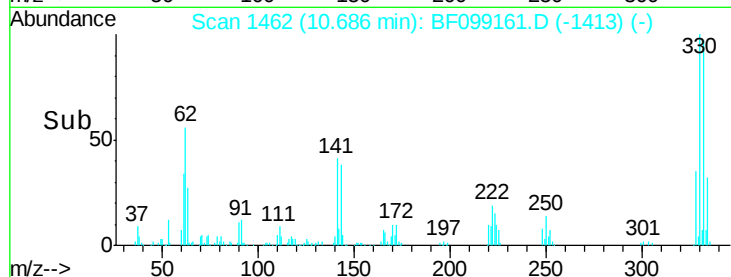
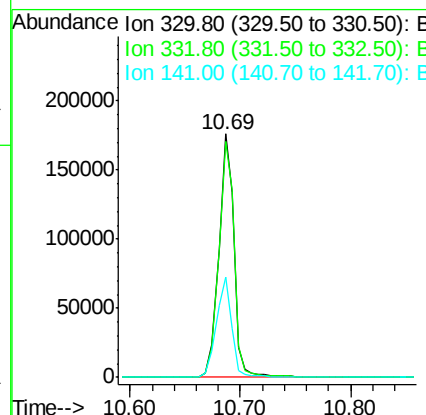
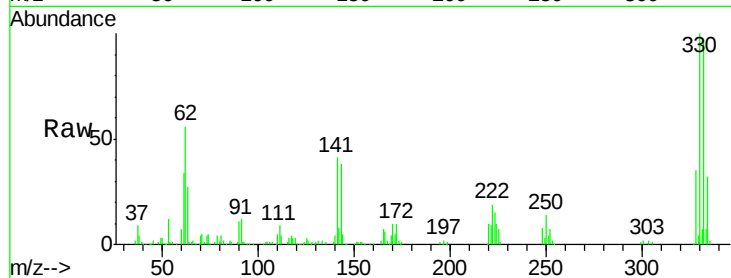




#41
 2,4,6-Tribromophenol
 Concen: 74.82 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF099161.D
 Acq: 6 Oct 2017 21:39

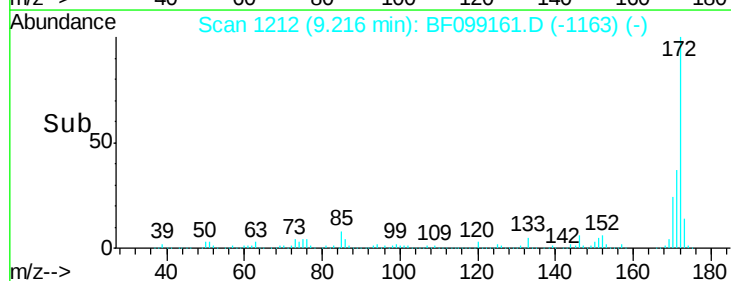
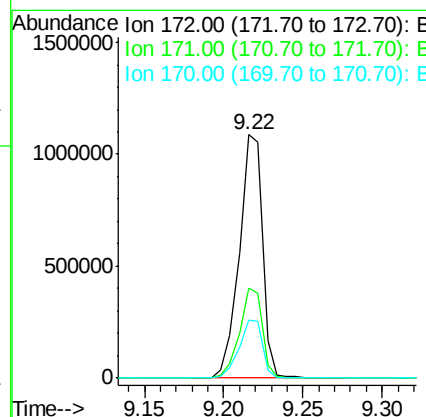
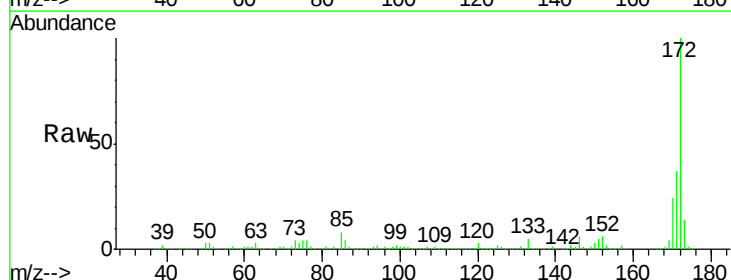
Instrument :
 BNA_F
 ClientSampleId :

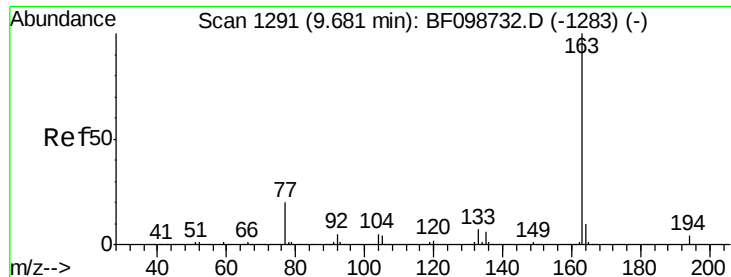
Tot Ion:330 Resp: 165567
 Ion Ratio Lower Upper
 330 100
 332 98.8 77.0 115.6
 141 41.5 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 68.57 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF099161.D
 Acq: 6 Oct 2017 21:39

Tgt Ion:172 Resp: 1110781
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.7 44.5
 170 23.8 19.6 29.4

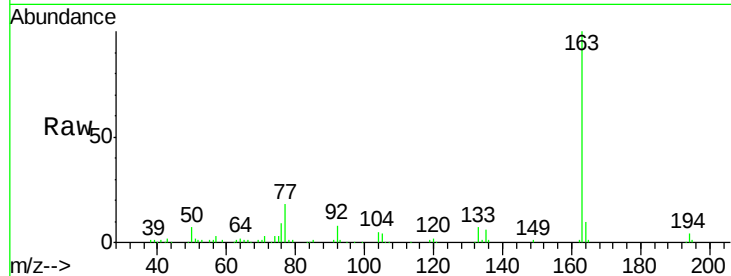




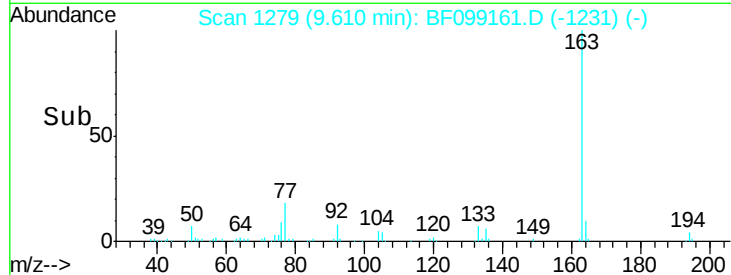
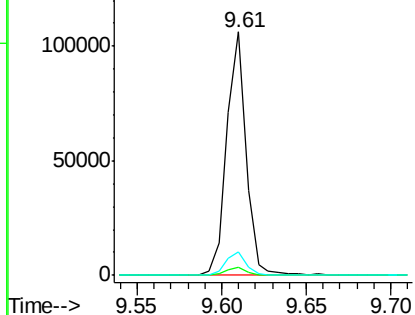
#49
Dimethylphthalate
Concen: 4.16 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF099161.D
Acq: 6 Oct 2017 21:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 84928
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.6 8.2 12.2

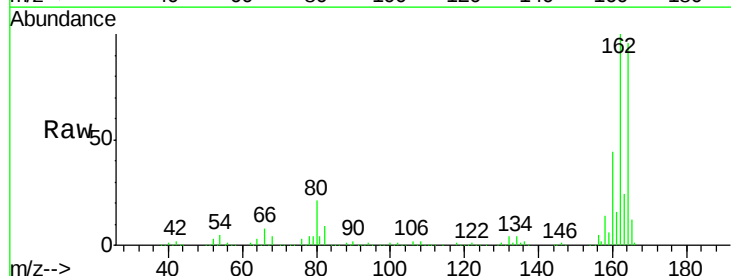


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

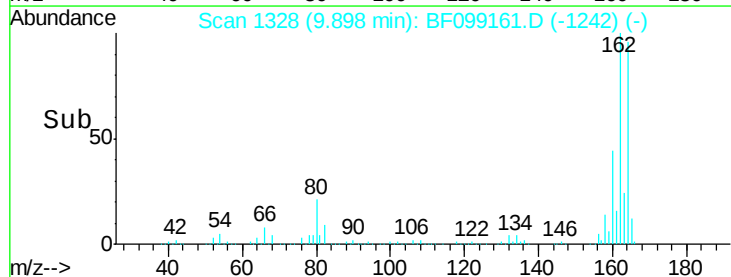
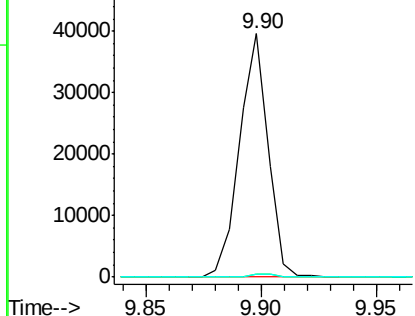


#50
2,6-Dinitrotoluene
Concen: 7.69 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.21 min
Lab File: BF099161.D
Acq: 6 Oct 2017 21:39

Tgt Ion:165 Resp: 34156
Ion Ratio Lower Upper
165 100
63 1.3 44.7 67.1#
89 1.5 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

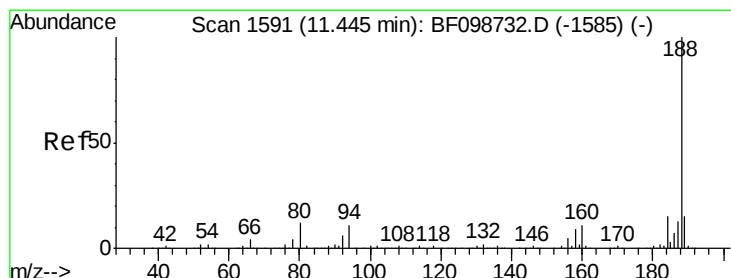
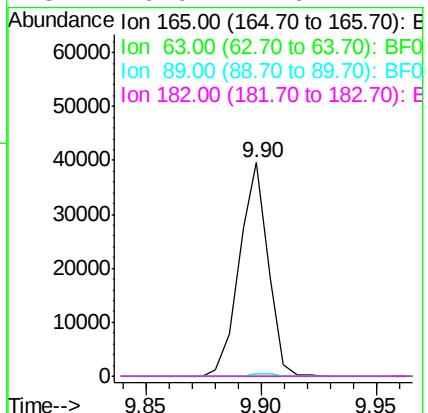
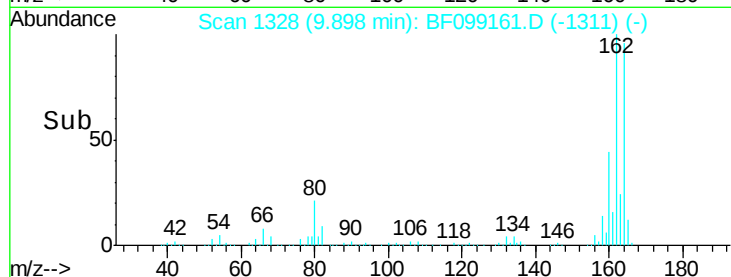
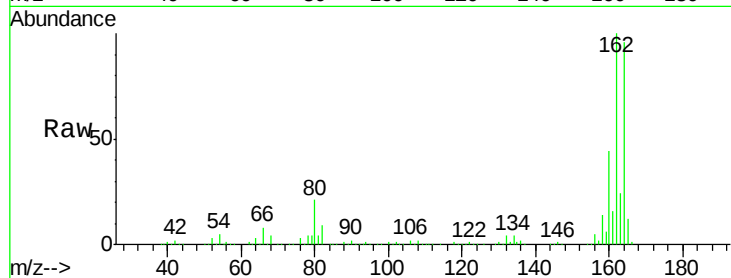




#56
 2,4-Dinitrotoluene
 Concen: 5.92 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.20 min
 Lab File: BF099161.D
 Acq: 6 Oct 2017 21:39

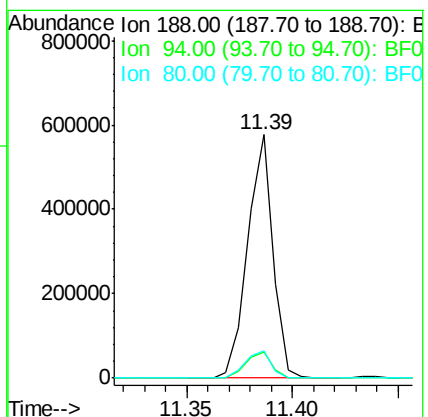
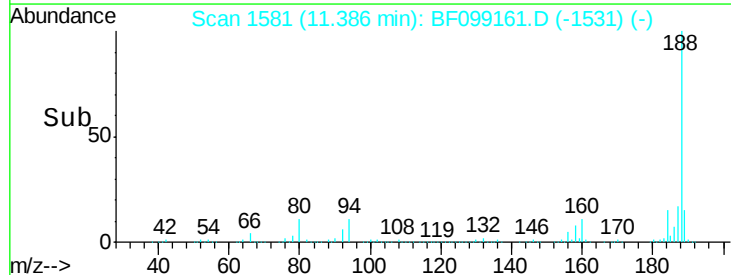
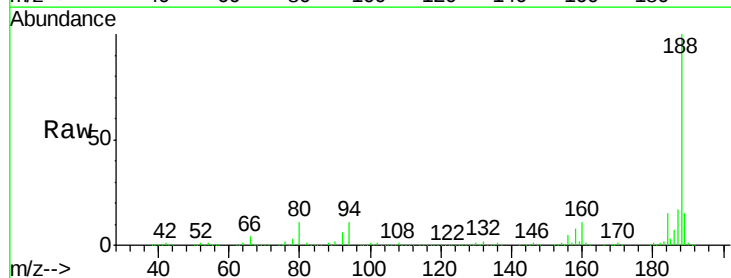
Instrument :
 BNA_F
 ClientSampleId :

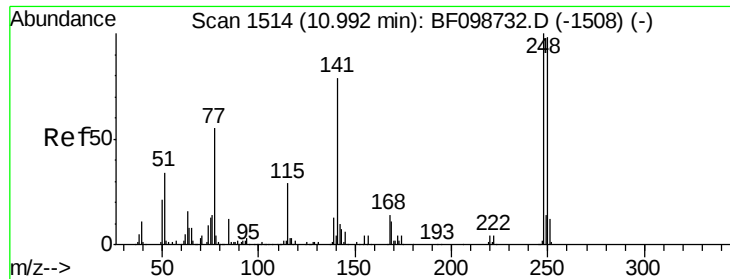
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF099161.D
 Acq: 6 Oct 2017 21:39

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	11.3	9.2	13.8

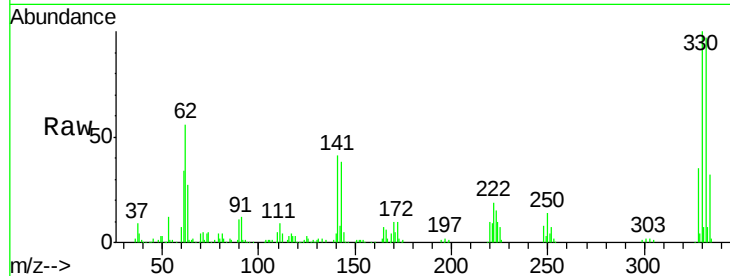




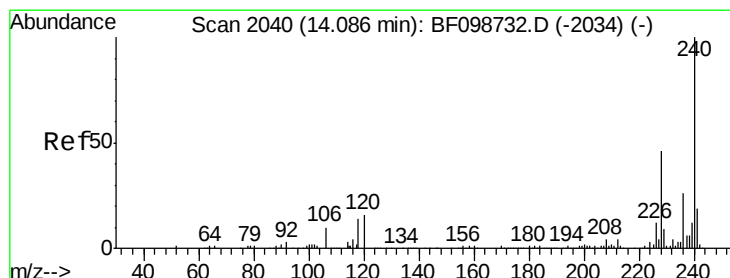
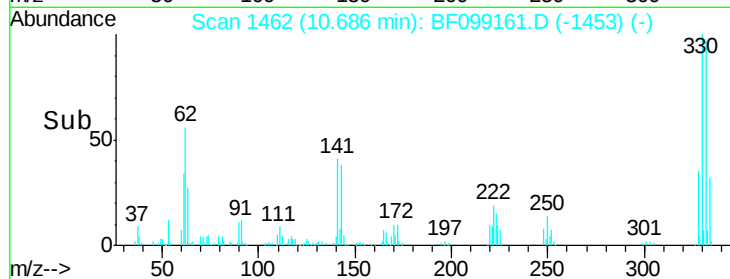
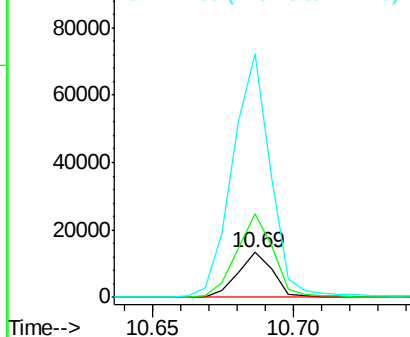
#66
 4-Bromophenyl-phenylether
 Concen: 2.42 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.25 min
 Lab File: BF099161.D
 Acq: 6 Oct 2017 21:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 11393
 Ion Ratio Lower Upper
 248 100
 250 187.2 76.9 115.3#
 141 544.1 74.4 111.6#

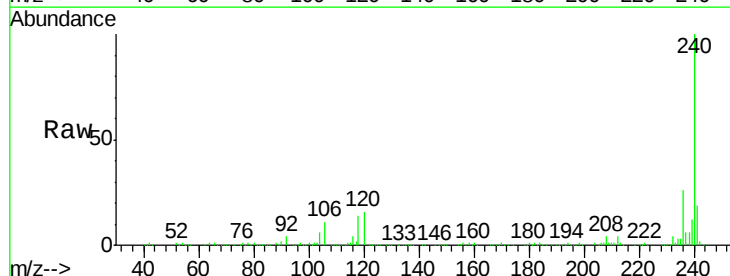


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

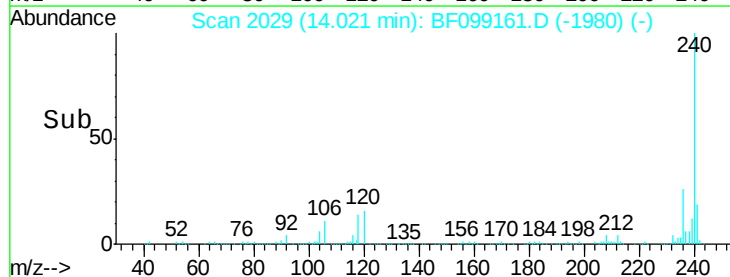
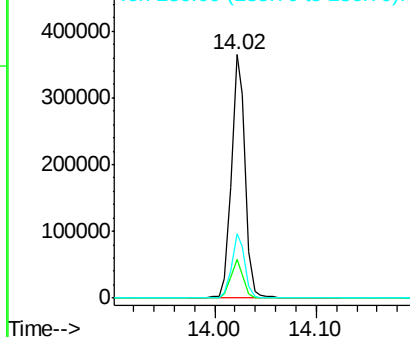


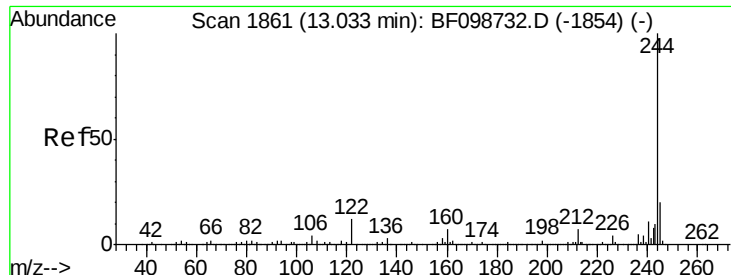
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF099161.D
 Acq: 6 Oct 2017 21:39

Tgt Ion:240 Resp: 341924
 Ion Ratio Lower Upper
 240 100
 120 16.0 9.5 14.3#
 236 26.3 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

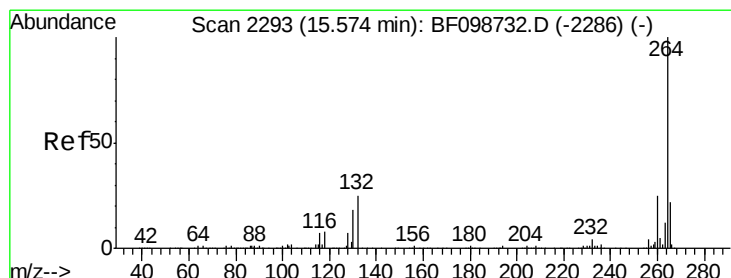
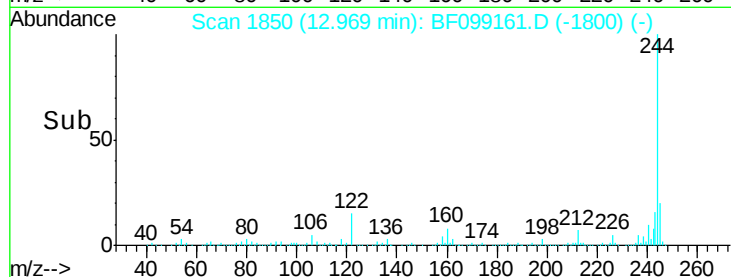
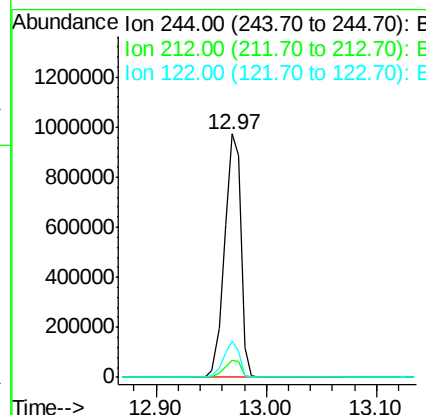
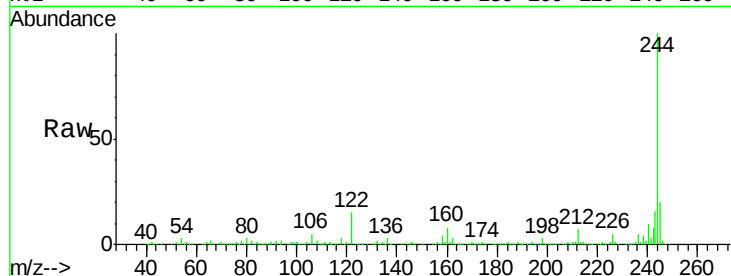




#78
 Terphenyl-d14
 Concen: 66.52 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BF099161.D
 Acq: 6 Oct 2017 21:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1000142
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 14.8 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF099161.D
 Acq: 6 Oct 2017 21:39

Tgt Ion:264 Resp: 248259
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.2 28.8
 265 20.8 17.5 26.3

