

Data File : BF096917.D
Acq On : 20 Jul 2017 20:37
Operator : SJ/JU
Sample : I4312-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11978

Quant Time: Jul 21 03:27:43 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 13:33:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	95901	20.00	ng	-0.03
21) Naphthalene-d8	7.85	136	382289	20.00	ng	-0.04
38) Acenaphthene-d10	9.60	164	154945	20.00	ng	-0.04
63) Phenanthrene-d10	11.07	188	234818	20.00	ng	-0.03
75) Chrysene-d12	13.70	240	178607	20.00	ng	-0.04
86) Perylene-d12	15.07	264	203841	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	624280	97.88	ng	-0.02
7) Phenol-d6	6.22	99	711563	92.97	ng	-0.03
23) Nitrobenzene-d5	7.13	82	444416	72.01	ng	-0.04
41) 2,4,6-Tribromophenol	10.39	330	111462	84.28	ng	-0.04
44) 2-Fluorobiphenyl	8.93	172	709424	72.34	ng	-0.04
78) Terphenyl-d14	12.66	244	434715	42.21	ng	-0.04
Target Compounds						
9) Benzaldehyde	6.34	77	12332	2.79	ng	Qvalue 85
19) n-Nitroso-di-n-propylamine	7.13	70	59759	12.96	ng	# 87
25) Isophorone	7.13	82	428735	37.34	ng	# 67
49) Dimethylphthalate	9.33	163	170673	14.63	ng	99
56) 2,4-Dinitrotoluene	9.60	165	19255	5.93	ng	# 31
66) 4-Bromophenyl-phenylether	10.39	248	7509	3.13	ng	# 1

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

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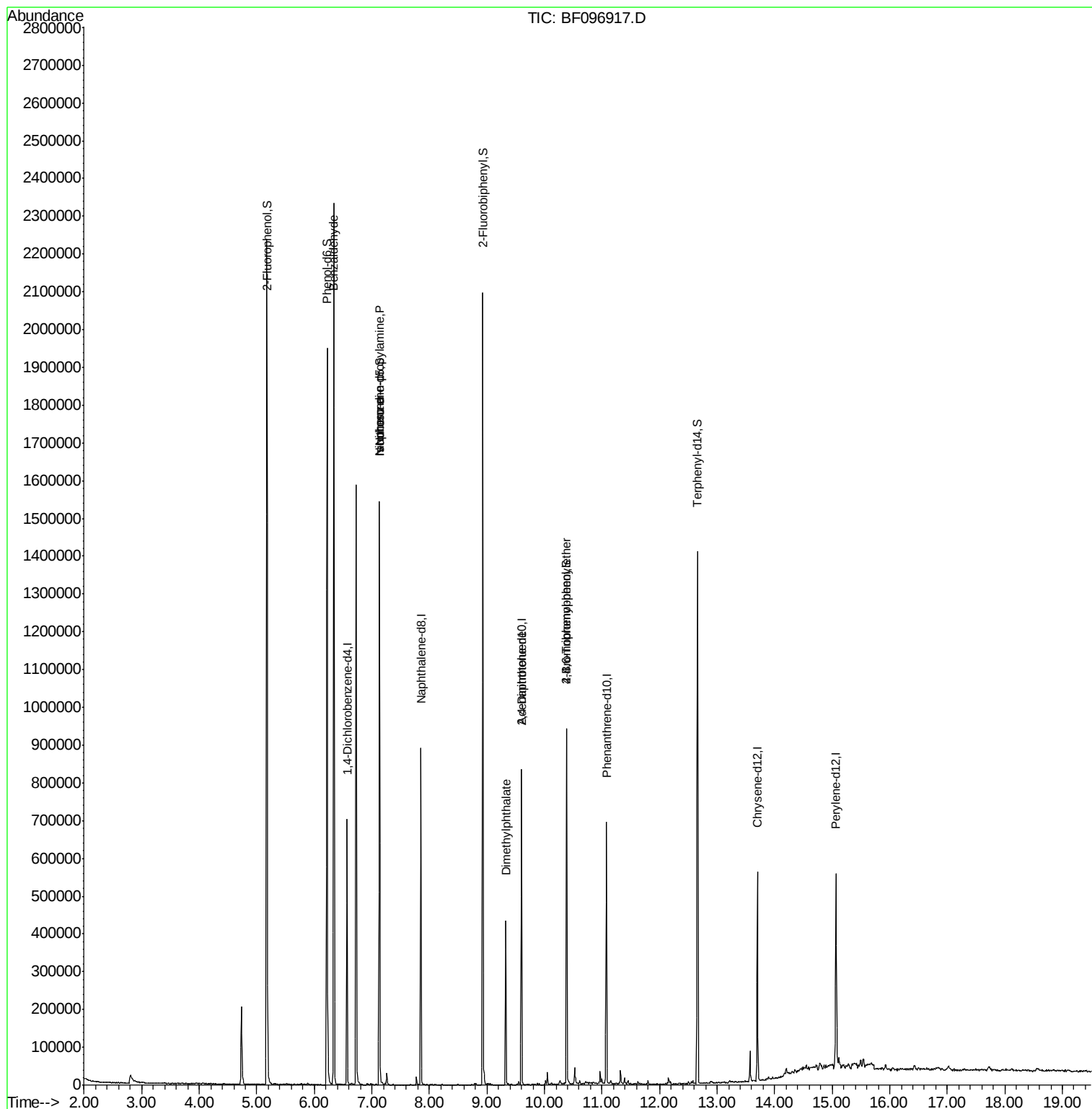
Quant Time: Jul 21 03:27:43 2017

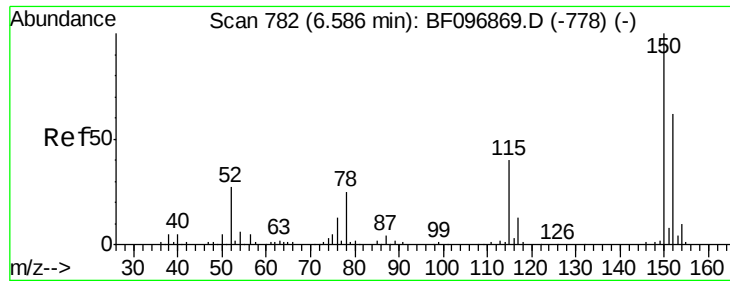
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Jul 18 13:33:22 2017

Response via : Initial Calibration

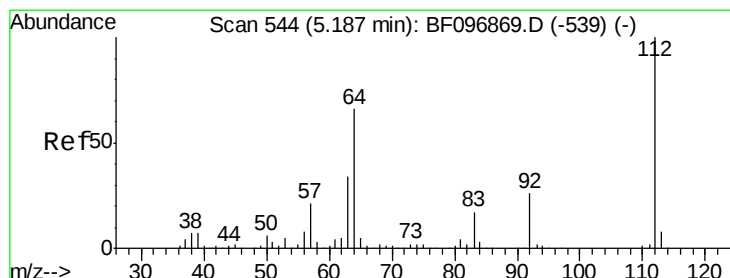
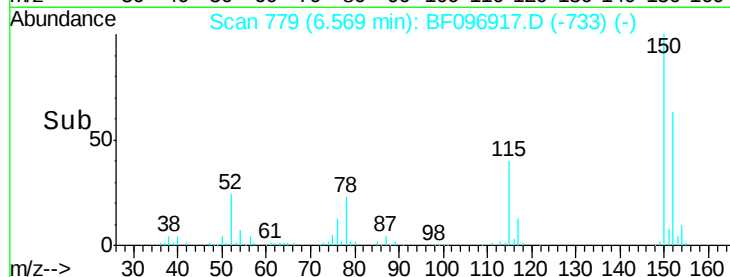
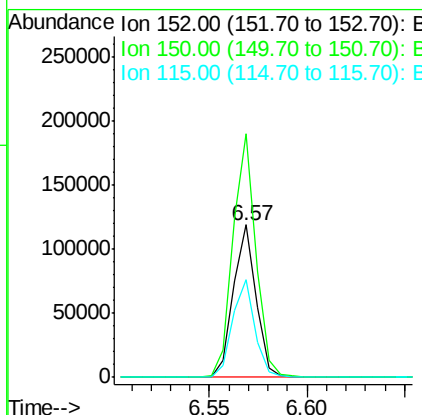
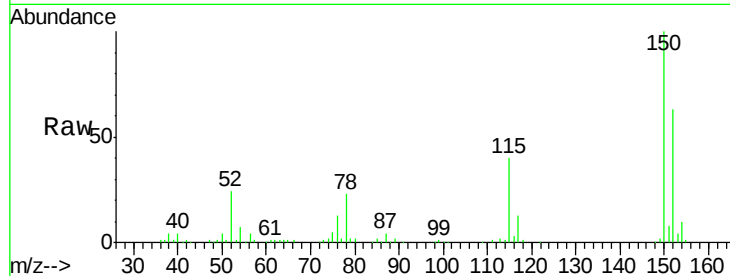




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.57 min Scan# 779
 Delta R.T. -0.03 min
 Lab File: BF096917.D
 Acq: 20 Jul 2017 20:37

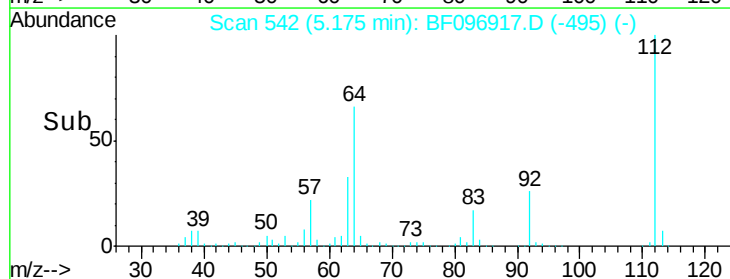
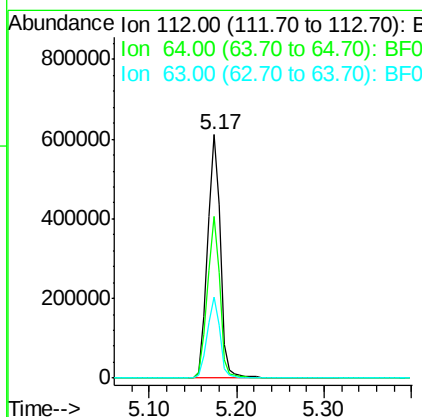
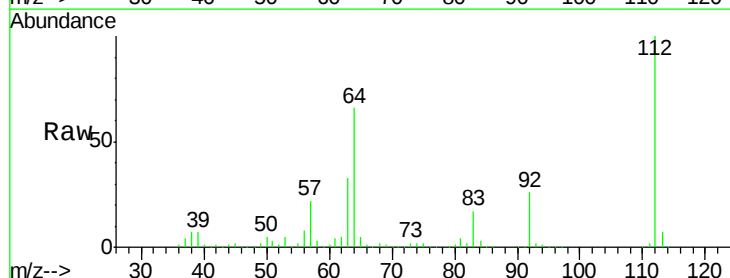
Instrument :
 BNA_F
 ClientSampleId :
 72-11978

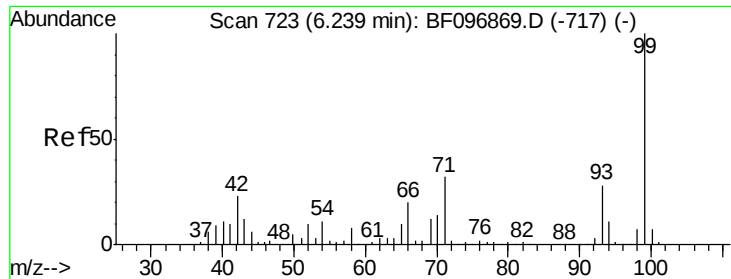
Tgt Ion:152 Resp: 95901
 Ion Ratio Lower Upper
 152 100
 150 159.7 126.2 189.2
 115 63.8 52.2 78.2



#5
 2-Fluorophenol
 Concen: 97.88 ng
 RT: 5.17 min Scan# 542
 Delta R.T. -0.02 min
 Lab File: BF096917.D
 Acq: 20 Jul 2017 20:37

Tgt Ion:112 Resp: 624280
 Ion Ratio Lower Upper
 112 100
 64 66.4 46.0 69.0
 63 33.4 23.4 35.0





#7

Phenol-d6

Concen: 92.97 ng

RT: 6.22 min Scan# 720

Delta R.T. -0.03 min

Lab File: BF096917.D

Acq: 20 Jul 2017 20:37

Instrument :

BNA_F

ClientSampleId :

72-11978

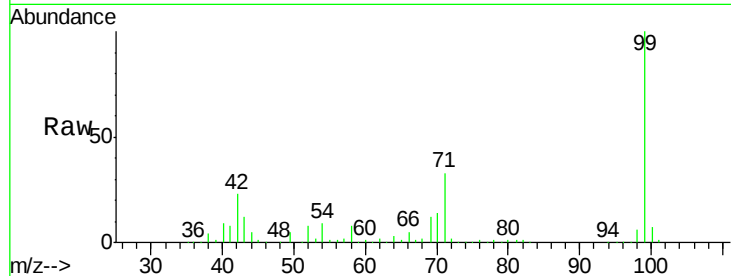
Tgt Ion: 99 Resp: 711563

Ion Ratio Lower Upper

99 100

42 23.1 13.5 20.3#

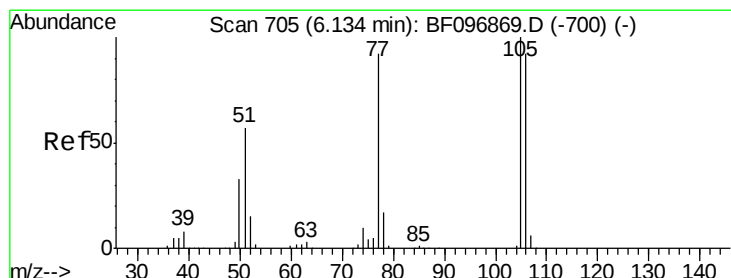
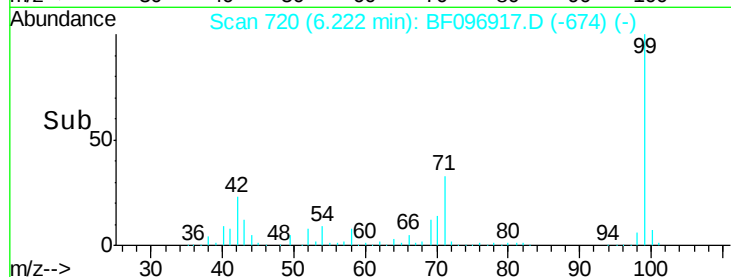
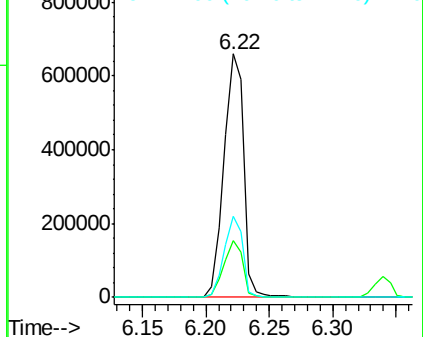
71 33.2 24.5 36.7



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: 2.79 ng

RT: 6.34 min Scan# 740

Delta R.T. 0.19 min

Lab File: BF096917.D

Acq: 20 Jul 2017 20:37

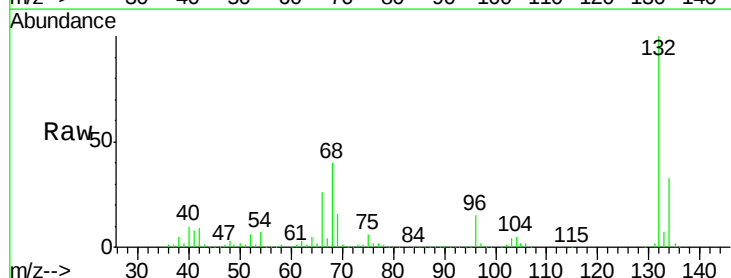
Tgt Ion: 77 Resp: 12332

Ion Ratio Lower Upper

77 100

105 88.4 83.8 123.8

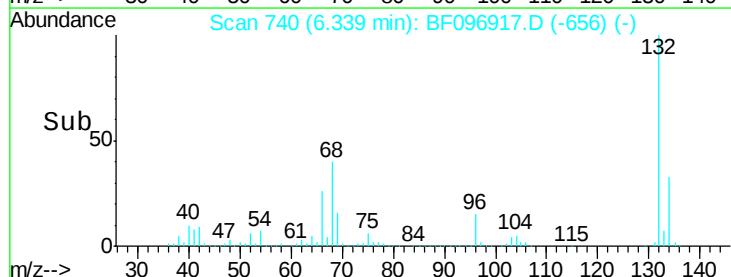
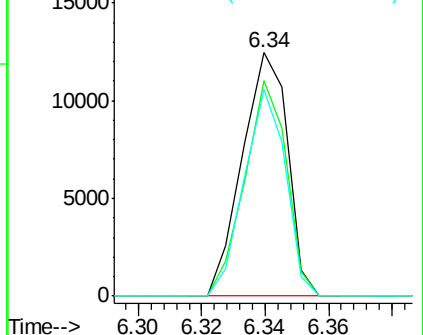
106 84.7 79.1 119.1

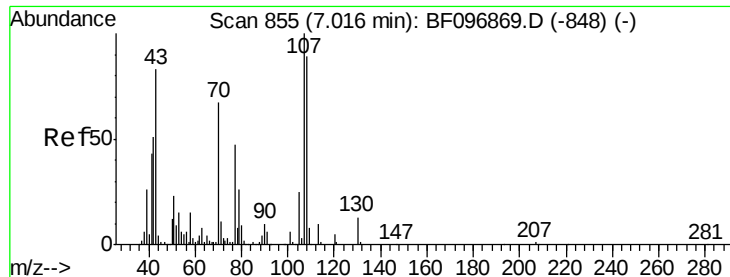


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 12.96 ng

RT: 7.13 min Scan# 875

Delta R.T. 0.11 min

Lab File: BF096917.D

Acq: 20 Jul 2017 20:37

Instrument :

BNA_F

ClientSampleId :

72-11978

Tgt Ion: 70 Resp: 59759

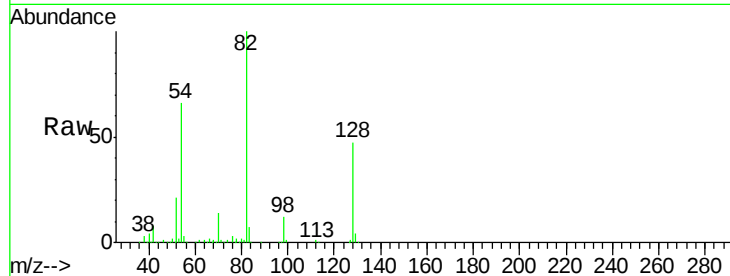
Ion Ratio Lower Upper

70 100

42 60.4 47.2 70.8

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#

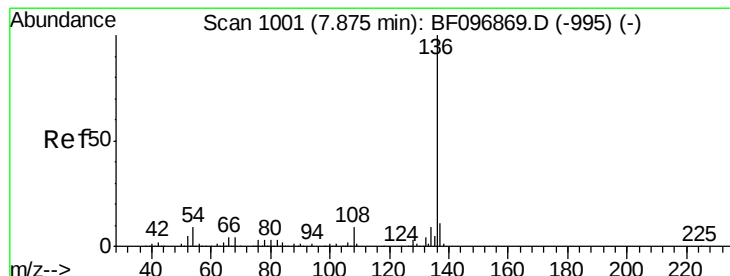
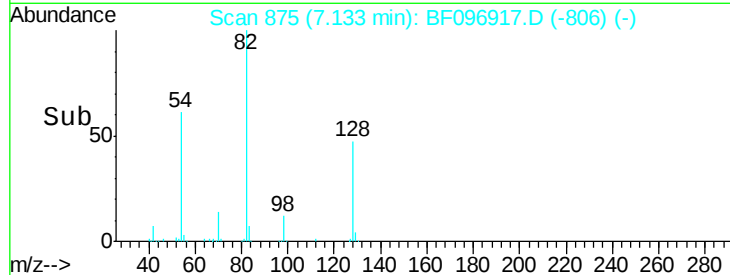
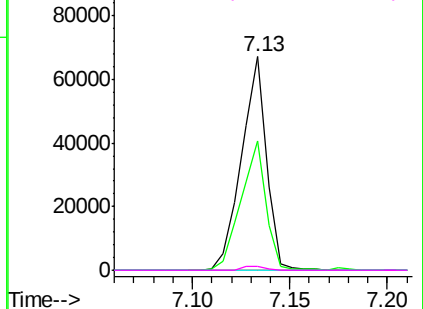


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.85 min Scan# 997

Delta R.T. -0.04 min

Lab File: BF096917.D

Acq: 20 Jul 2017 20:37

Tgt Ion: 136 Resp: 382289

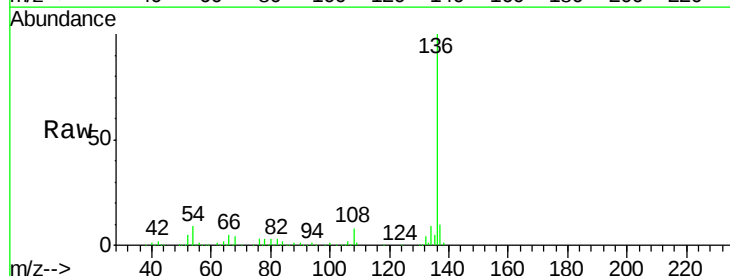
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 9.2 4.9 7.3#

68 4.3 4.1 6.1

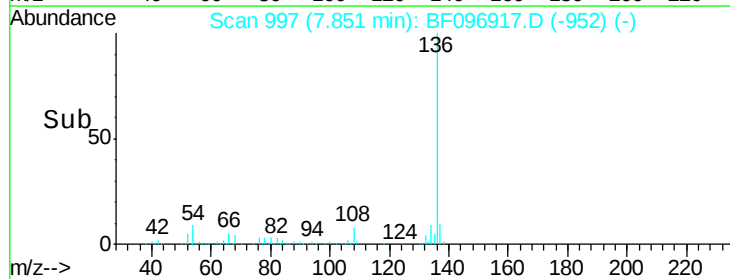
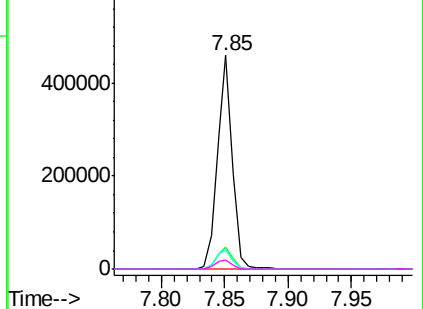


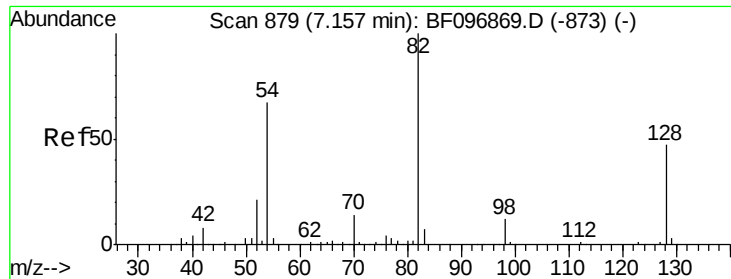
Abundance Ion 136.00 (135.70 to 136.70): E

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

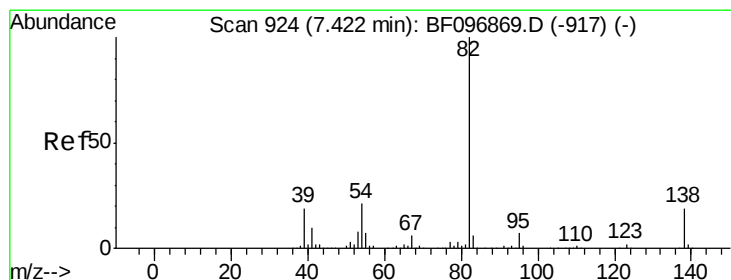
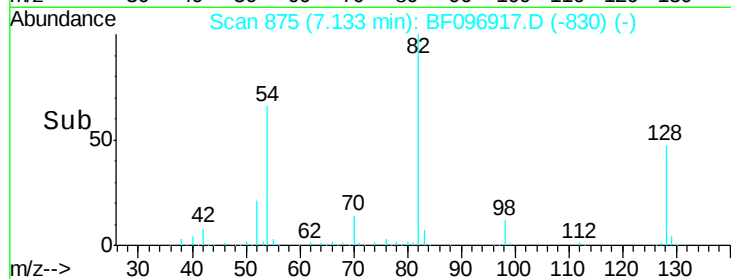
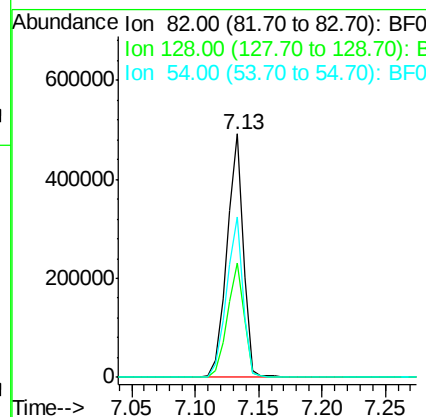
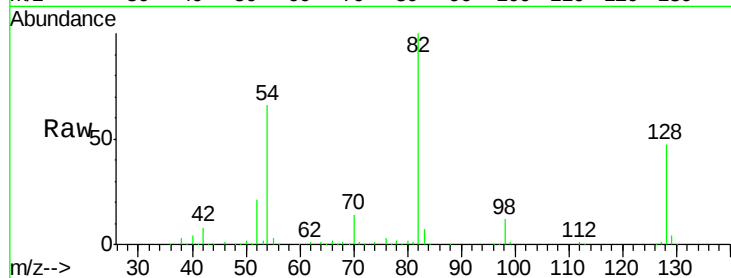




#23
 Nitrobenzene-d5
 Concen: 72.01 ng
 RT: 7.13 min Scan# 875
 Delta R.T. -0.04 min
 Lab File: BF096917.D
 Acq: 20 Jul 2017 20:37

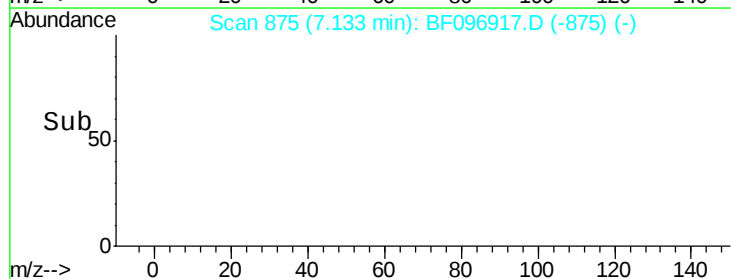
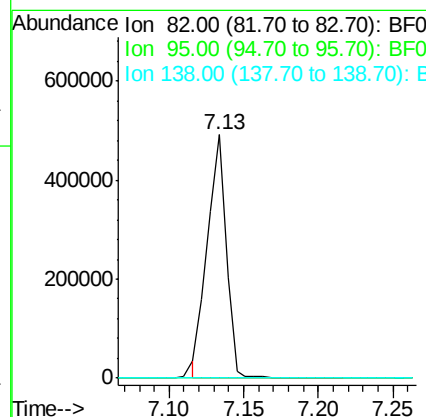
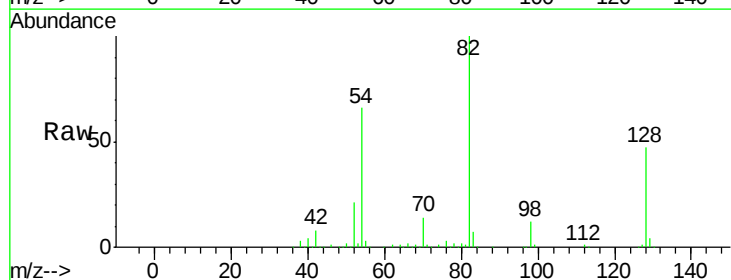
Instrument :
 BNA_F
 ClientSampleId :
 72-11978

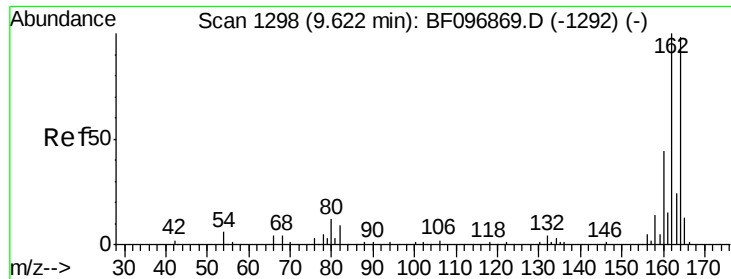
Tgt Ion: 82 Resp: 444416
 Ion Ratio Lower Upper
 82 100
 128 47.0 34.0 51.0
 54 65.9 42.2 63.2#



#25
 Isophorone
 Concen: 37.34 ng
 RT: 7.13 min Scan# 875
 Delta R.T. -0.30 min
 Lab File: BF096917.D
 Acq: 20 Jul 2017 20:37

Tgt Ion: 82 Resp: 428735
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 13.1 19.7#

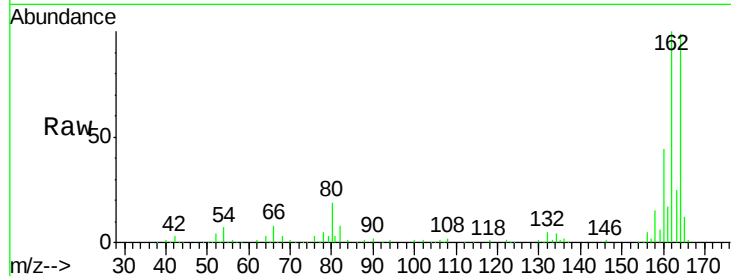




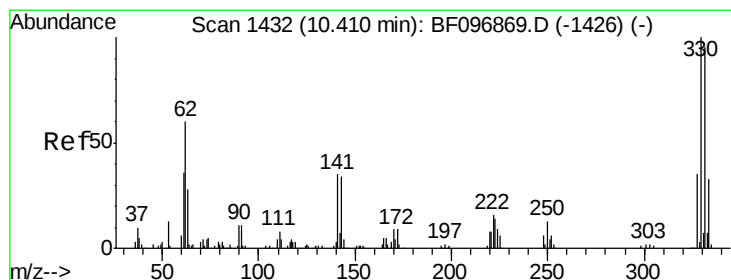
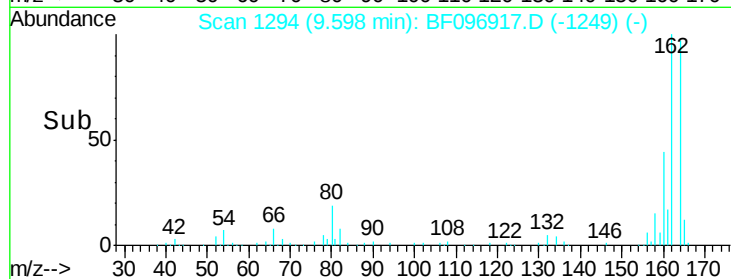
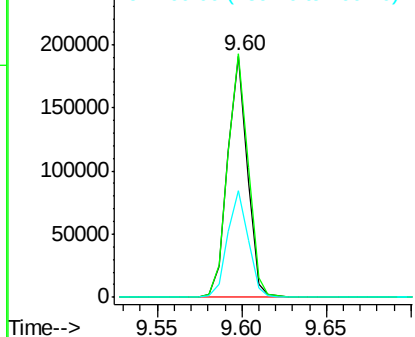
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.60 min Scan# 1294
 Delta R.T. -0.04 min
 Lab File: BF096917.D
 Acq: 20 Jul 2017 20:37

Instrument :
 BNA_F
 ClientSampleId :
 72-11978

Tgt Ion:164 Resp: 154945
 Ion Ratio Lower Upper
 164 100
 162 100.8 82.6 123.8
 160 44.2 36.2 54.2

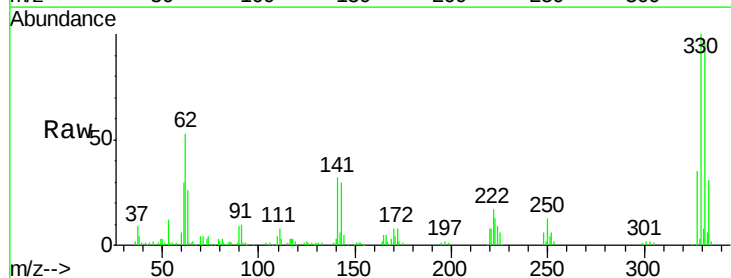


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

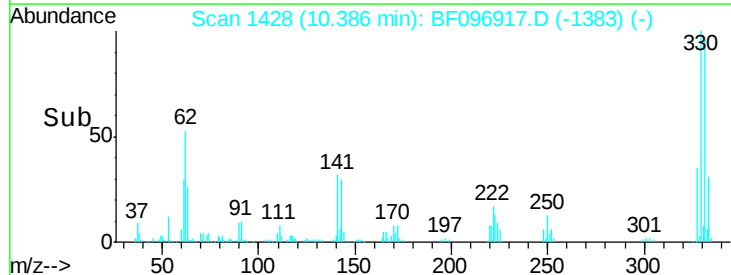
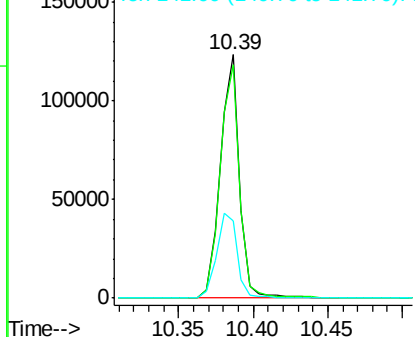


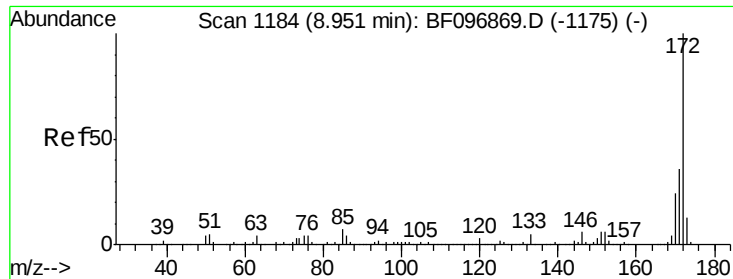
#41
 2,4,6-Tribromophenol
 Concen: 84.28 ng
 RT: 10.39 min Scan# 1428
 Delta R.T. -0.04 min
 Lab File: BF096917.D
 Acq: 20 Jul 2017 20:37

Tgt Ion:330 Resp: 111462
 Ion Ratio Lower Upper
 330 100
 332 97.8 76.6 115.0
 141 37.5 31.4 47.2



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

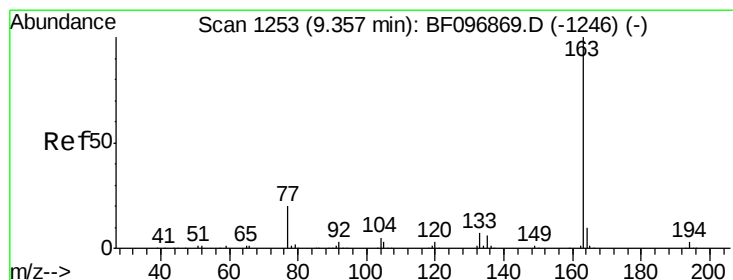
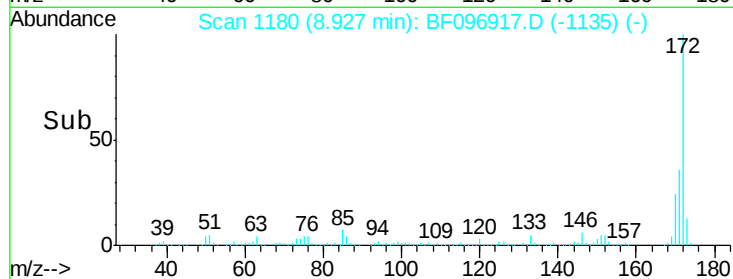
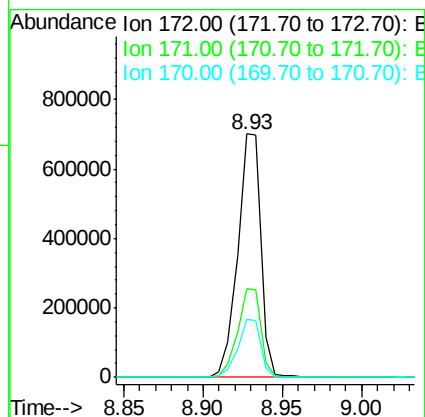
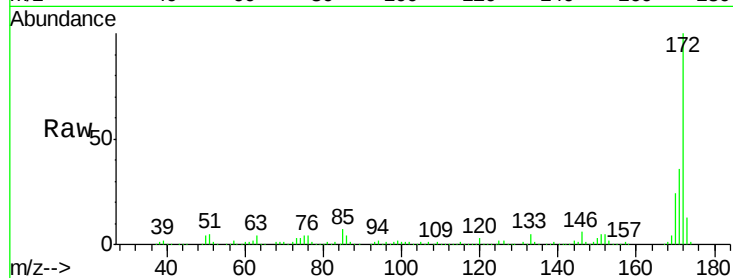




#44
2-Fluorobiphenyl
Concen: 72.34 ng
RT: 8.93 min Scan# 1180
Delta R.T. -0.04 min
Lab File: BF096917.D
Acq: 20 Jul 2017 20:37

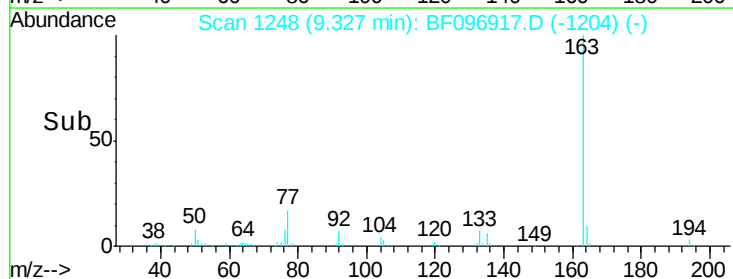
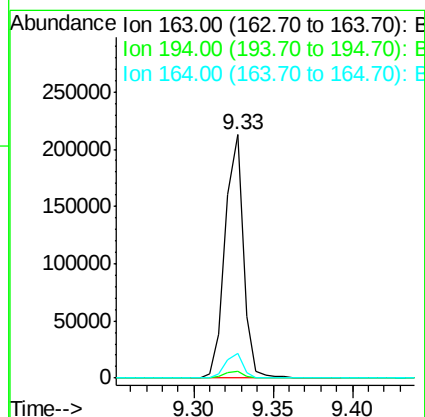
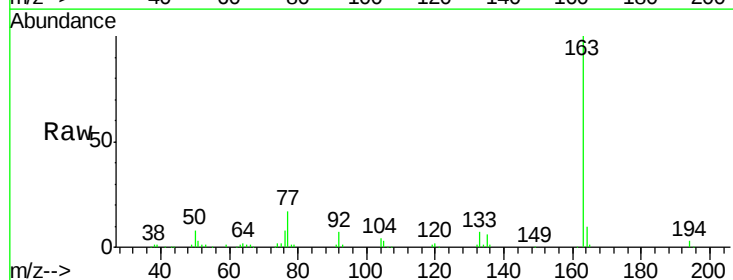
Instrument :
BNA_F
ClientSampleId :
72-11978

Tgt Ion:172 Resp: 709424
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 23.9 19.8 29.8



#49
Dimethylphthalate
Concen: 14.63 ng
RT: 9.33 min Scan# 1248
Delta R.T. -0.04 min
Lab File: BF096917.D
Acq: 20 Jul 2017 20:37

Tgt Ion:163 Resp: 170673
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 10.3 8.4 12.6

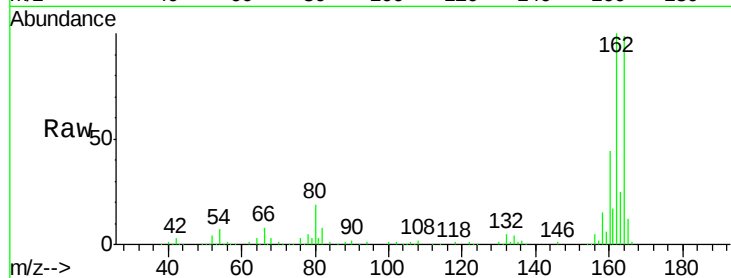




#56
 2,4-Dinitrotoluene
 Concen: 5.93 ng
 RT: 9.60 min Scan# 1294
 Delta R.T. -0.23 min
 Lab File: BF096917.D
 Acq: 20 Jul 2017 20:37

Instrument :
 BNA_F
 ClientSampleId :
 72-11978

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	19255		
63	0.0	25.4	38.0#	
89	0.0	46.4	69.6#	
182	0.0	1.8	2.6#	

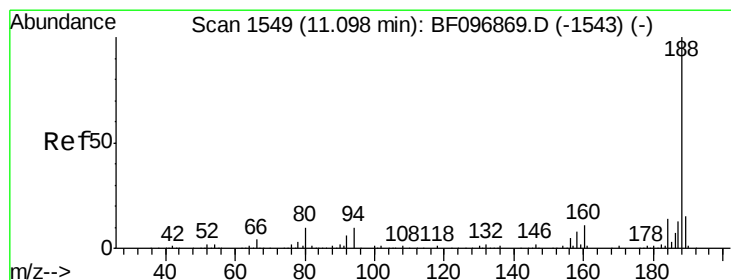
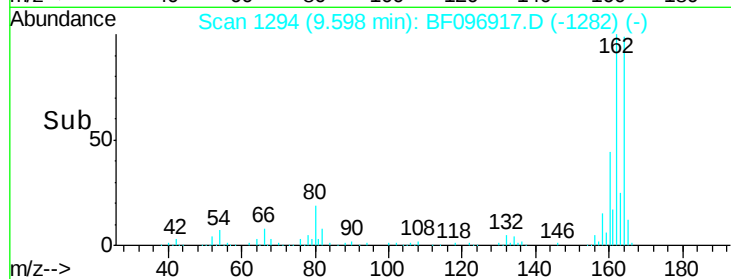
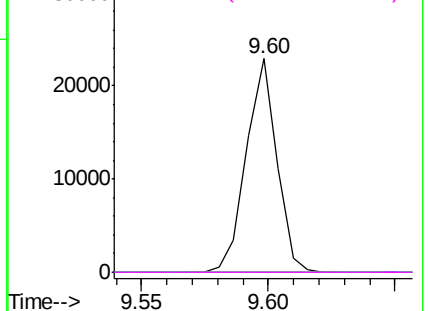


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

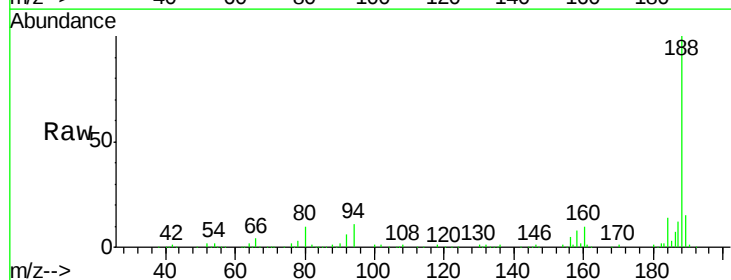
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.07 min Scan# 1545
 Delta R.T. -0.03 min
 Lab File: BF096917.D
 Acq: 20 Jul 2017 20:37

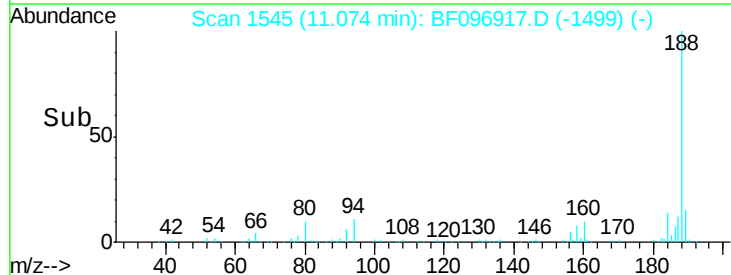
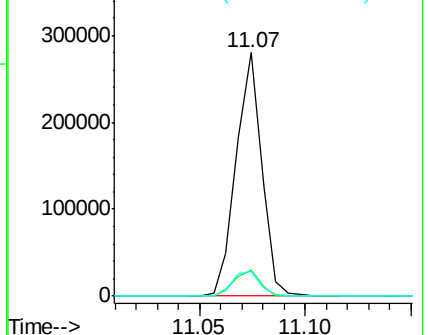
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	234818		
94	10.6	9.4	14.2	
80	10.3	10.2	15.2	

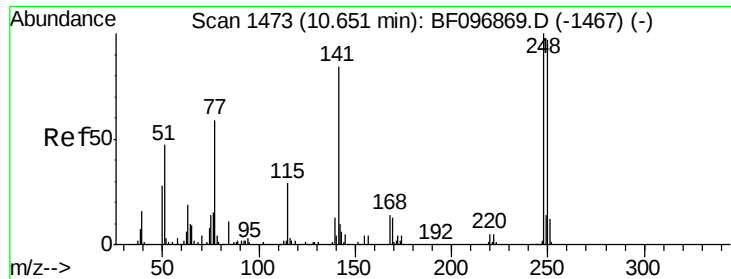


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

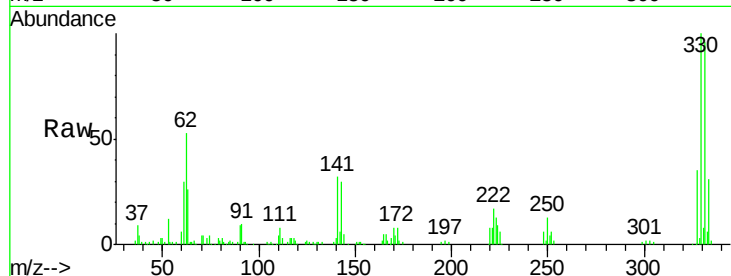




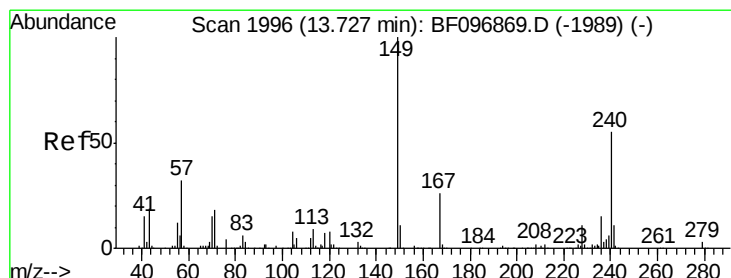
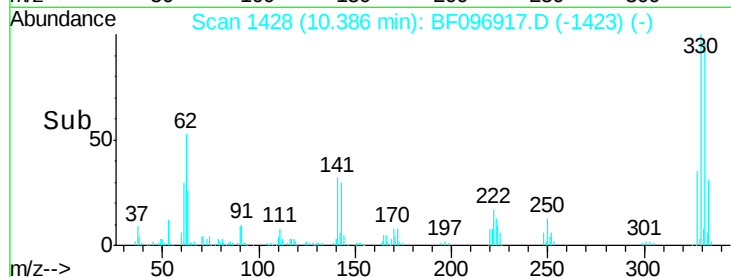
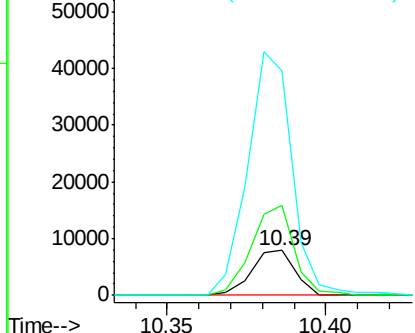
#66
 4-Bromophenyl-phenylether
 Concen: 3.13 ng
 RT: 10.39 min Scan# 1428
 Delta R.T. -0.27 min
 Lab File: BF096917.D
 Acq: 20 Jul 2017 20:37

Instrument :
 BNA_F
 ClientSampleId :
 72-11978

Tgt Ion:248 Resp: 7509
 Ion Ratio Lower Upper
 248 100
 250 200.5 76.8 115.2#
 141 495.6 68.6 103.0#

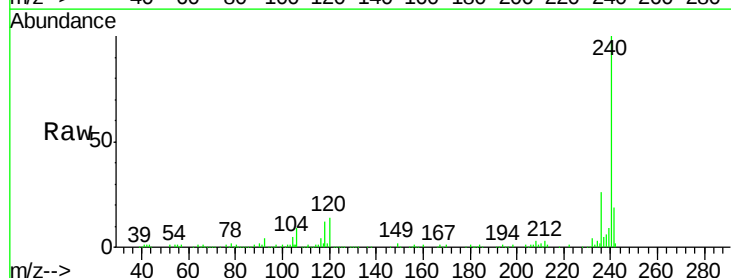


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

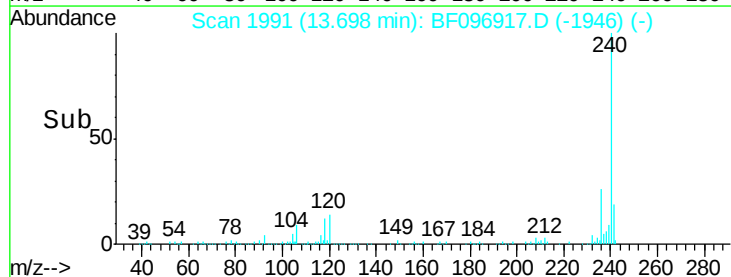
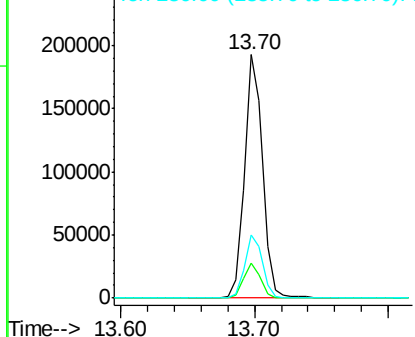


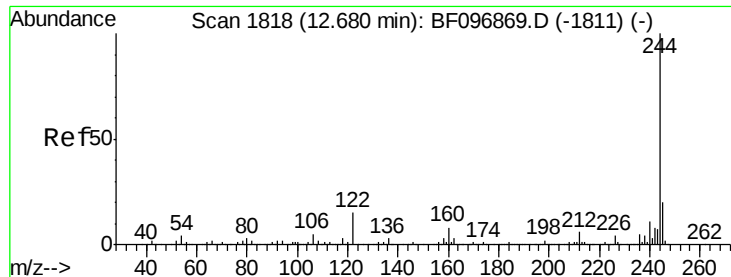
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.70 min Scan# 1991
 Delta R.T. -0.04 min
 Lab File: BF096917.D
 Acq: 20 Jul 2017 20:37

Tgt Ion:240 Resp: 178607
 Ion Ratio Lower Upper
 240 100
 120 14.3 5.8 8.8#
 236 26.1 20.5 30.7



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

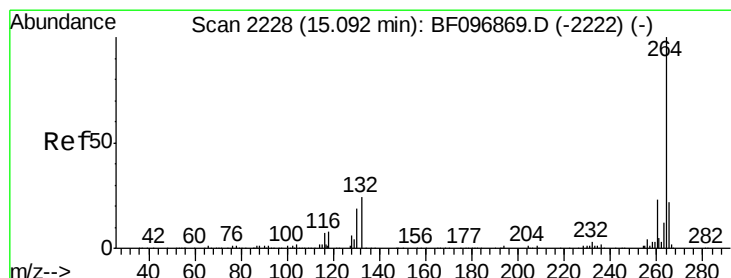
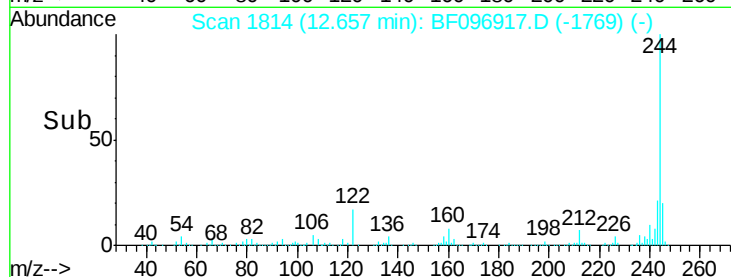
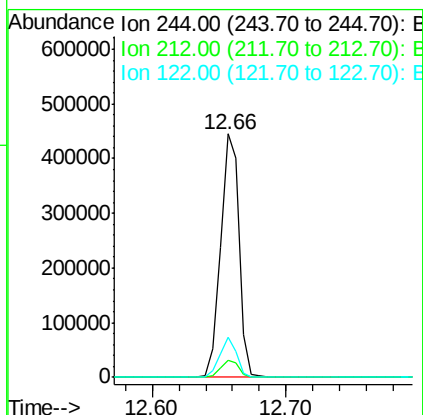
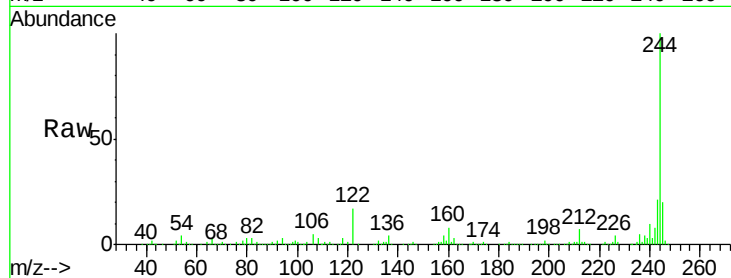




#78
 Terphenyl-d14
 Concen: 42.21 ng
 RT: 12.66 min Scan# 1814
 Delta R.T. -0.04 min
 Lab File: BF096917.D
 Acq: 20 Jul 2017 20:37

Instrument :
 BNA_F
 ClientSampleId :
 72-11978

Tgt Ion:244 Resp: 434715
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 16.7 10.3 15.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.07 min Scan# 2224
 Delta R.T. -0.04 min
 Lab File: BF096917.D
 Acq: 20 Jul 2017 20:37

Tgt Ion:264 Resp: 203841
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.5 29.3
 265 22.2 17.2 25.8

