

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071917\
 Data File : BF096870.D
 Acq On : 19 Jul 2017 15:19
 Operator : SJ/JU
 Sample : I4199-09RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 19 18:19:56 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

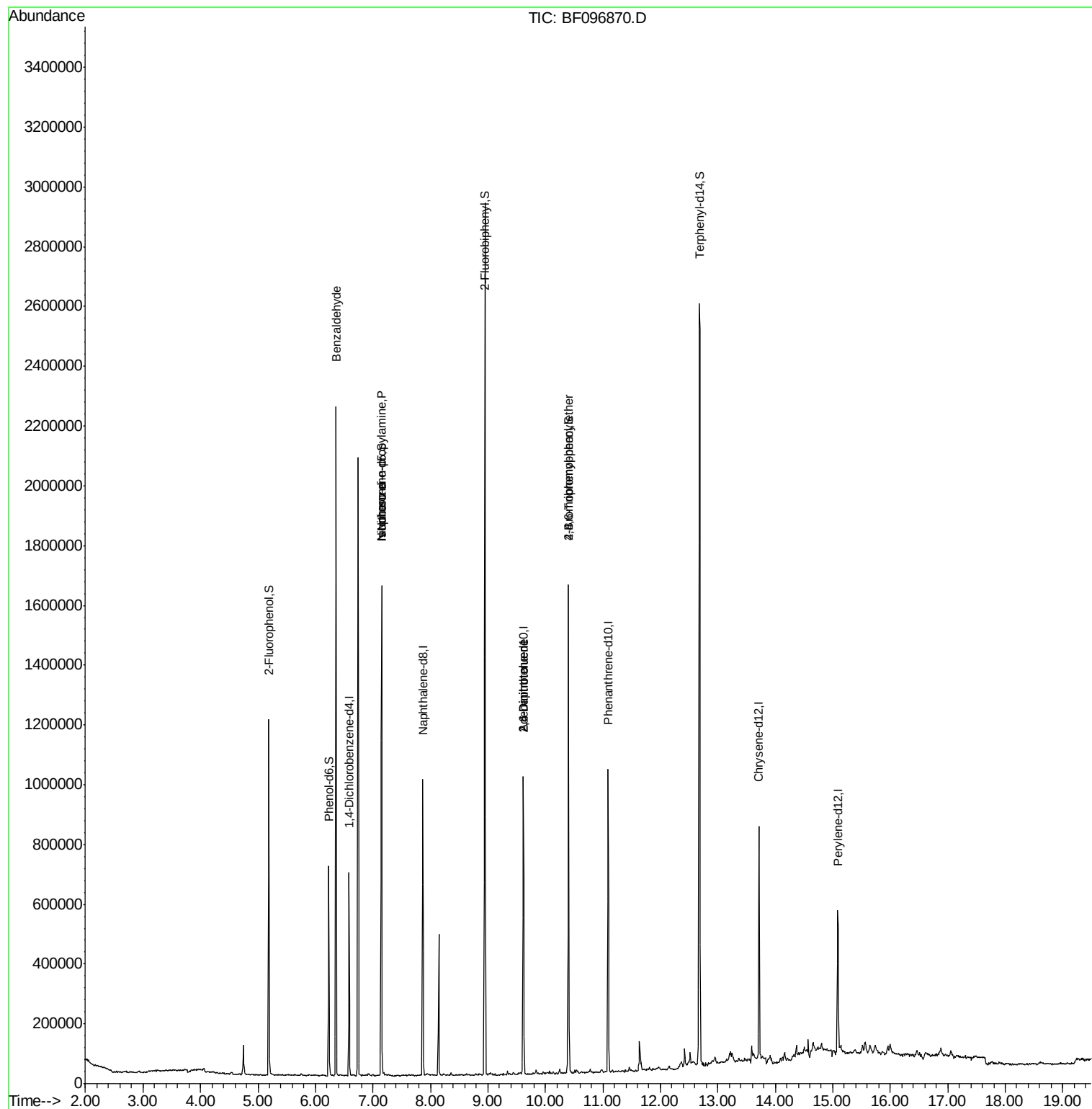
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	102024	20.00	ng	-0.01
21) Naphthalene-d8	7.87	136	423453	20.00	ng	-0.02
38) Acenaphthene-d10	9.62	164	192465	20.00	ng	-0.02
63) Phenanthrene-d10	11.09	188	332460	20.00	ng	-0.01
75) Chrysene-d12	13.72	240	257340	20.00	ng	-0.02
86) Perylene-d12	15.09	264	186533	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	326853	48.17	ng	-0.01
7) Phenol-d6	6.23	99	239528	29.42	ng	-0.02
23) Nitrobenzene-d5	7.15	82	583973	85.42	ng	-0.02
41) 2,4,6-Tribromophenol	10.40	330	202760	123.42	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	1045788	85.85	ng	-0.01
78) Terphenyl-d14	12.68	244	943771	63.60	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.36	77	12203	2.593	ng	# 80
19) n-Nitroso-di-n-propylamine	7.15	70	79033	16.111	ng	# 87
25) Isophorone	7.15	82	574860	45.202	ng	# 67
50) 2,6-Dinitrotoluene	9.62	165	24789	7.897	ng	# 33
56) 2,4-Dinitrotoluene	9.62	165	24789	6.146	ng	# 33
66) 4-Bromophenyl-phenylether	10.40	248	13104	3.861	ng	# 1

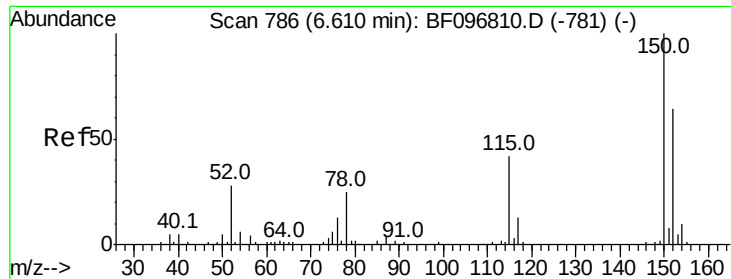
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071917\
Data File : BF096870.D
Acq On : 19 Jul 2017 15:19
Operator : SJ/JU
Sample : I4199-09RE
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 19 18:19:56 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



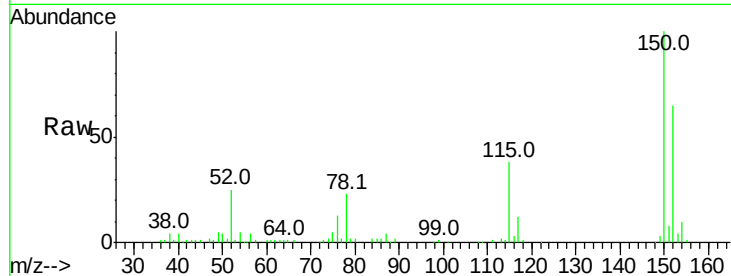


#1

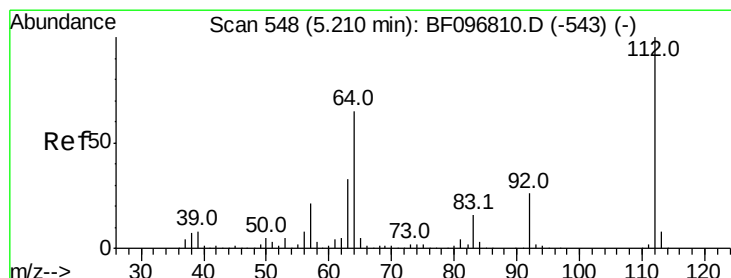
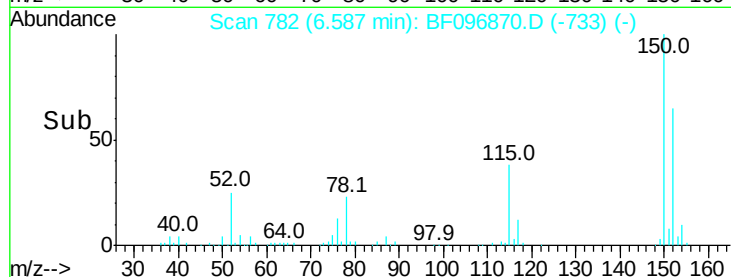
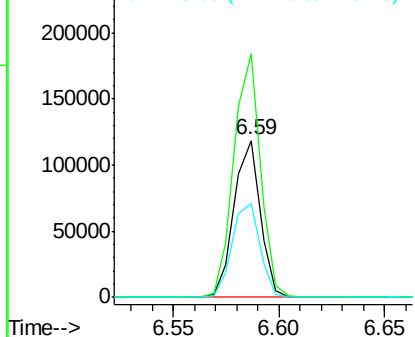
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.59 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BF096870.D
 Acq: 19 Jul 2017 15:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 102024
 Ion Ratio Lower Upper
 152 100
 150 154.9 126.2 189.2
 115 59.4 52.2 78.2



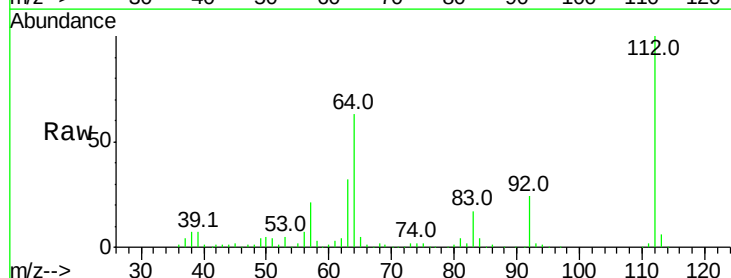
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



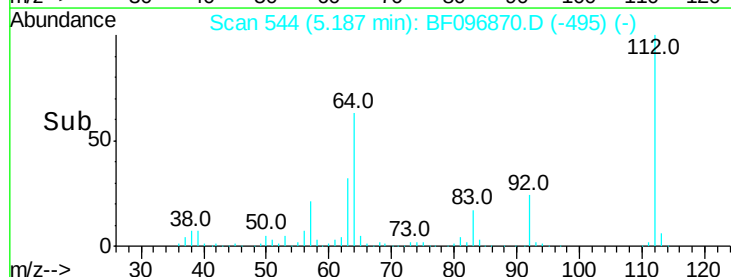
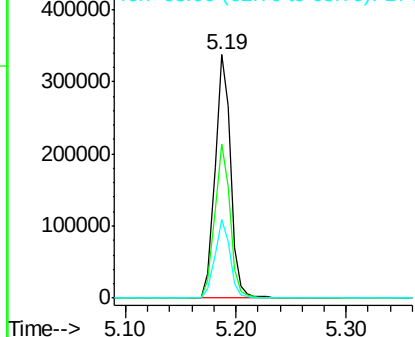
#5

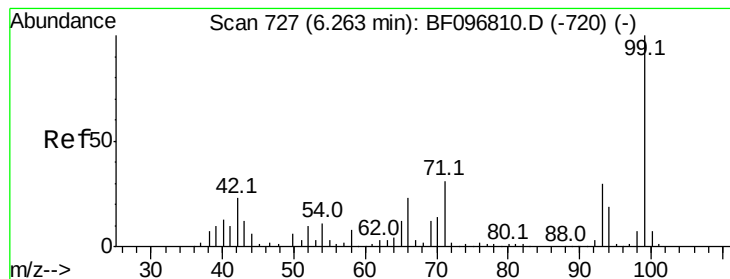
2-Fluorophenol
 Concen: 48.170 ng
 RT: 5.19 min Scan# 544
 Delta R.T. -0.01 min
 Lab File: BF096870.D
 Acq: 19 Jul 2017 15:19

Tgt Ion:112 Resp: 326853
 Ion Ratio Lower Upper
 112 100
 64 63.1 46.0 69.0
 63 32.5 23.4 35.0



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: 29.416 ng

RT: 6.23 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF096870.D

Acq: 19 Jul 2017 15:19

Instrument :

BNA_F

ClientSampled :

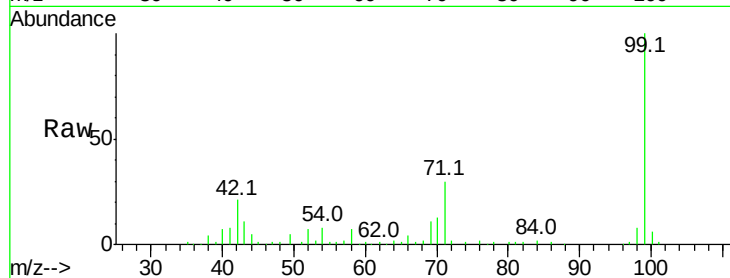
Tot Ion: 99 Resp: 239528

Ion Ratio Lower Upper

99 100

42 20.6 13.5 20.3#

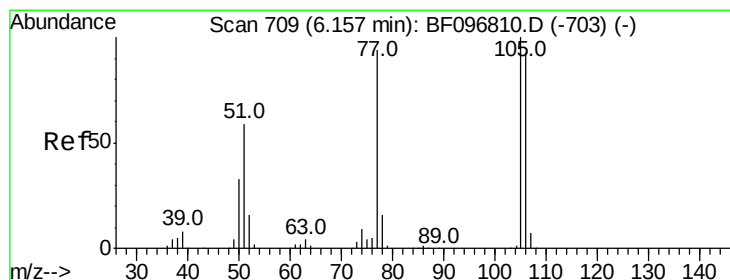
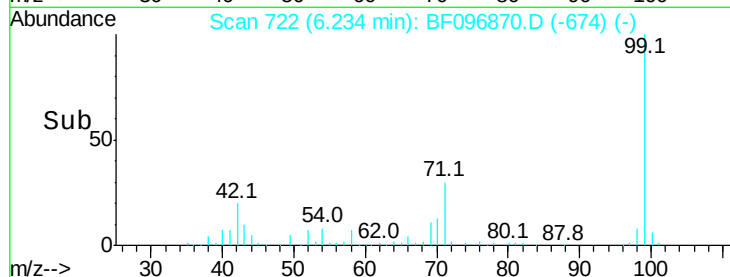
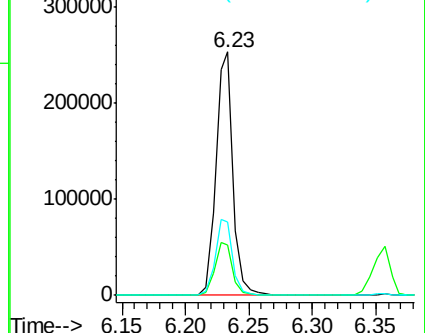
71 30.2 24.5 36.7



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: 2.593 ng

RT: 6.36 min Scan# 743

Delta R.T. 0.21 min

Lab File: BF096870.D

Acq: 19 Jul 2017 15:19

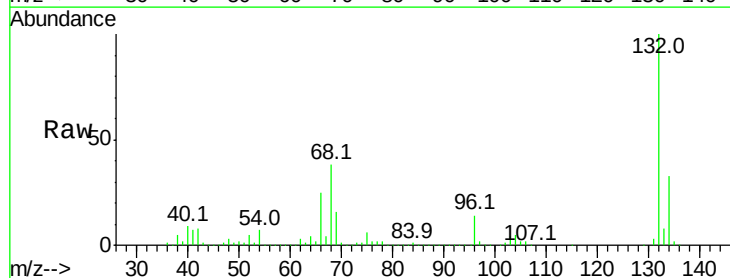
Tgt Ion: 77 Resp: 12203

Ion Ratio Lower Upper

77 100

105 81.8 83.8 123.8#

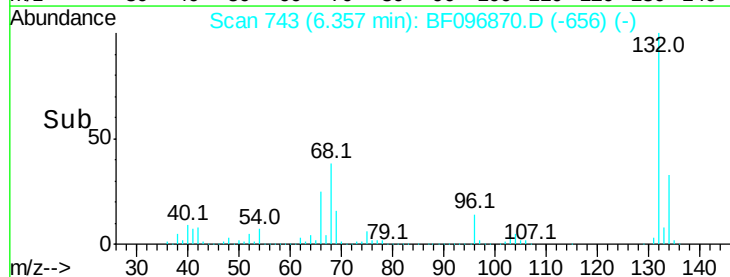
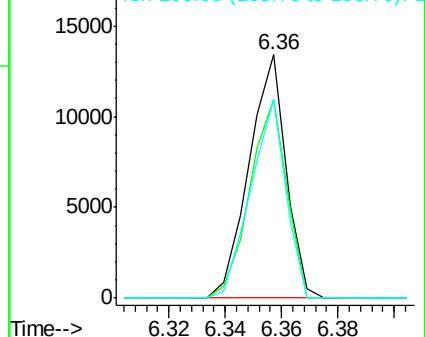
106 81.7 79.1 119.1

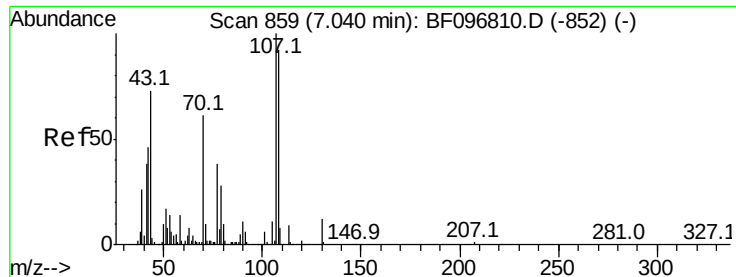


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

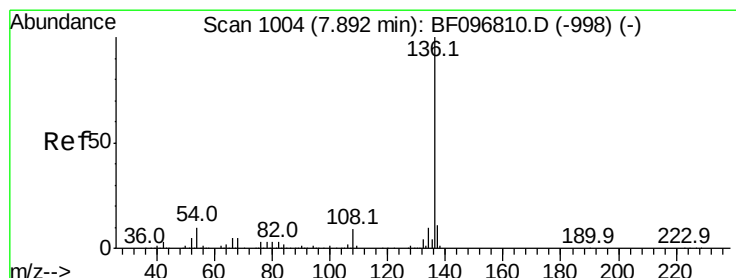
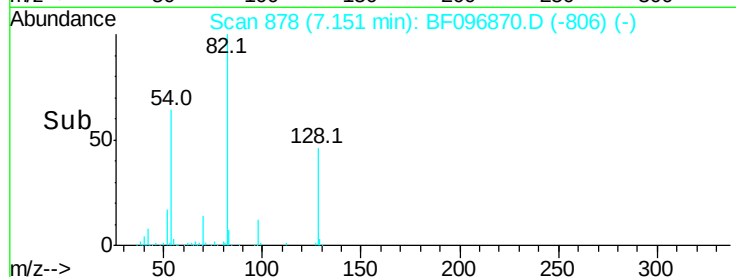
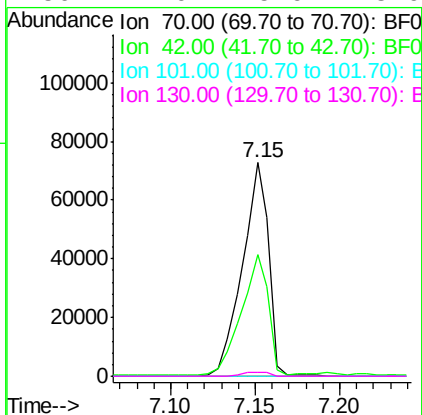
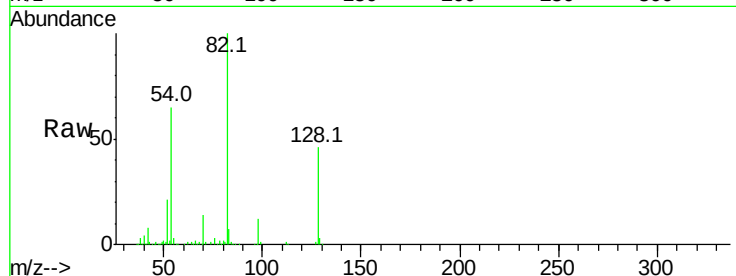




#19
n-Nitroso-di-n-propylamine
Concen: 16.111 ng
RT: 7.15 min Scan# 878
Delta R.T. 0.12 min
Lab File: BF096870.D
Acq: 19 Jul 2017 15:19

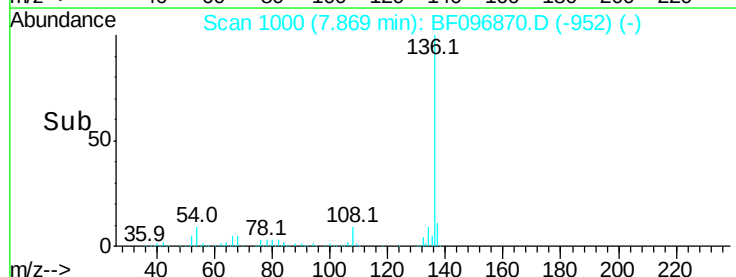
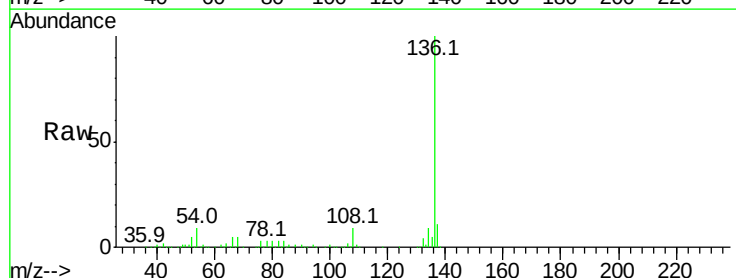
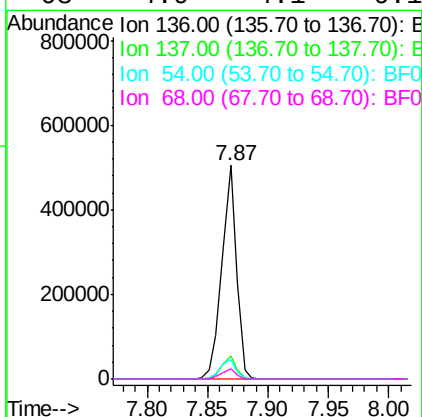
Instrument :
BNA_F
ClientSampleId :

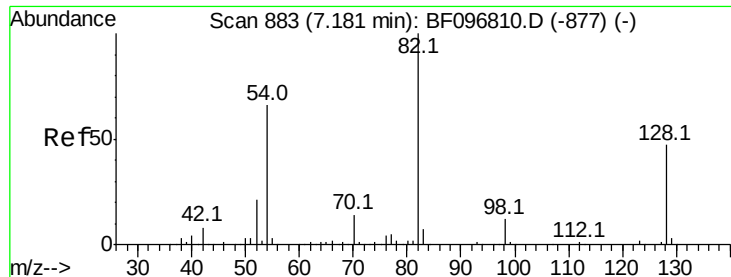
Tot Ion: 70 Resp: 79033
Ion Ratio Lower Upper
70 100
42 57.2 47.2 70.8
101 0.0 7.2 10.8#
130 2.0 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.87 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF096870.D
Acq: 19 Jul 2017 15:19

Tgt Ion:136 Resp: 423453
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 9.2 4.9 7.3#
68 4.9 4.1 6.1

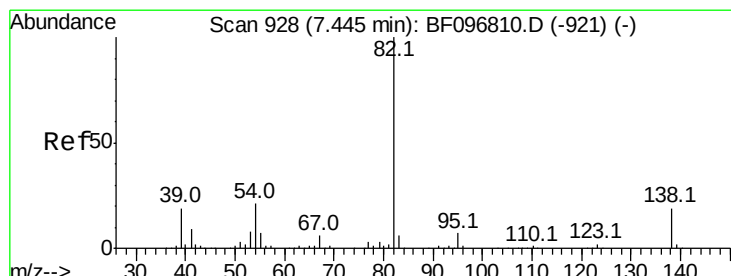
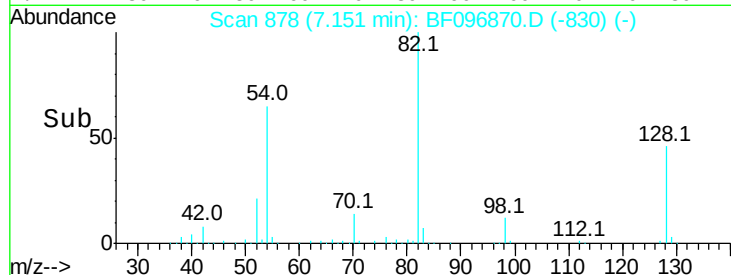
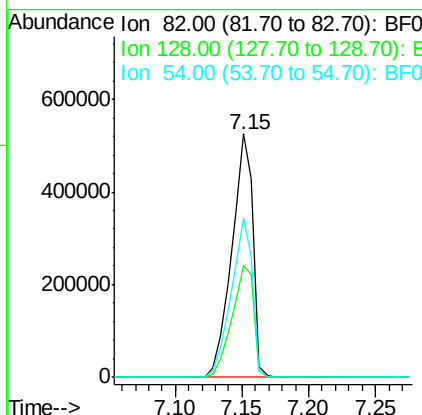
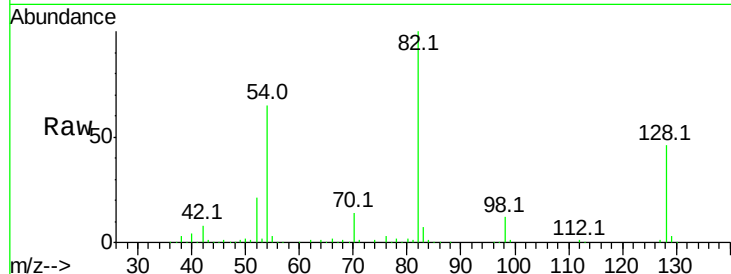




#23
 Nitrobenzene-d5
 Concen: 85.421 ng
 RT: 7.15 min Scan# 878
 Delta R.T. -0.02 min
 Lab File: BF096870.D
 Acq: 19 Jul 2017 15:19

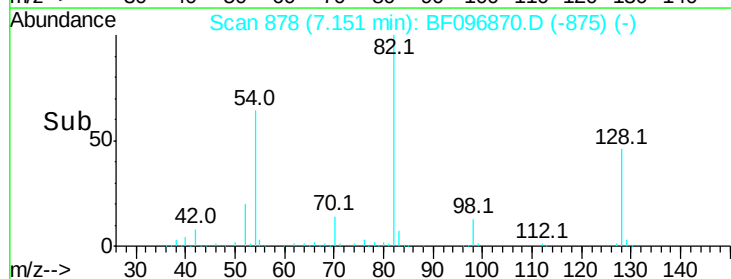
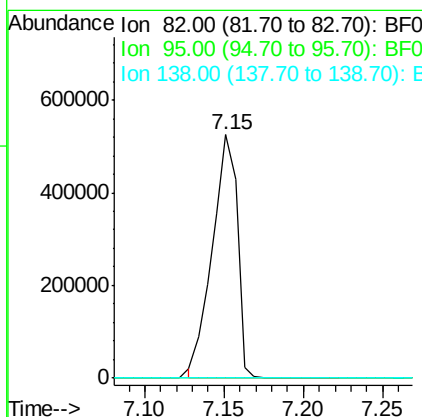
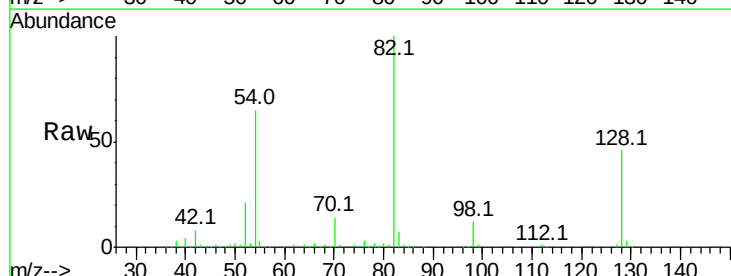
Instrument :
 BNA_F
 ClientSampleId :

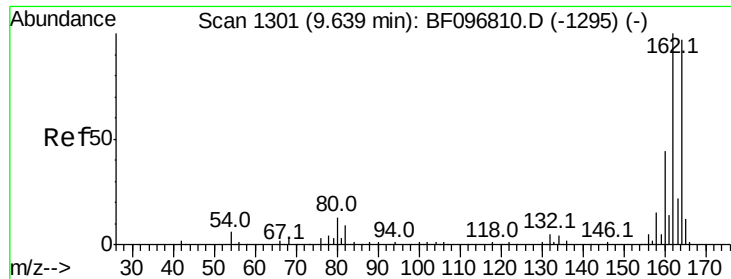
Tot Ion: 82 Resp: 583973
 Ion Ratio Lower Upper
 82 100
 128 45.9 34.0 51.0
 54 65.2 42.2 63.2#



#25
 Isophorone
 Concen: 45.202 ng
 RT: 7.15 min Scan# 878
 Delta R.T. -0.28 min
 Lab File: BF096870.D
 Acq: 19 Jul 2017 15:19

Tgt Ion: 82 Resp: 574860
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 13.1 19.7#

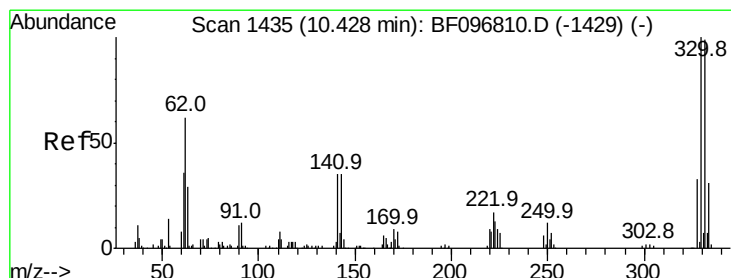
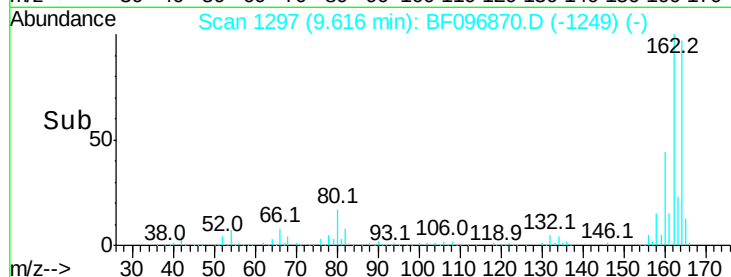
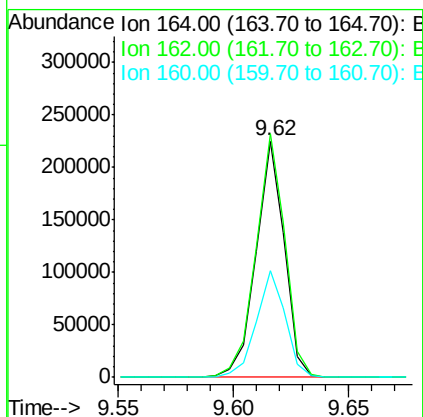
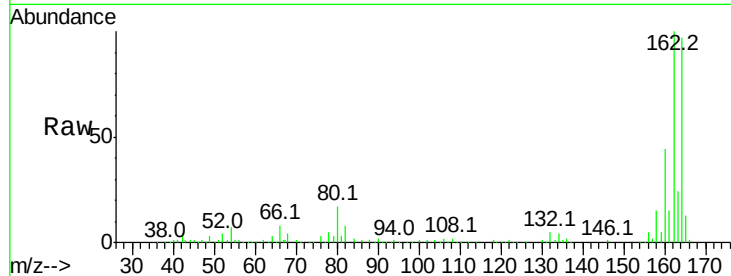




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.62 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF096870.D
 Acq: 19 Jul 2017 15:19

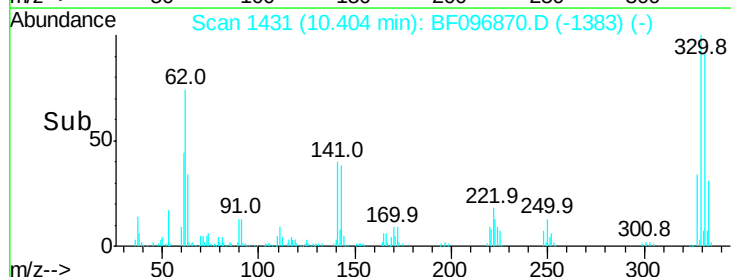
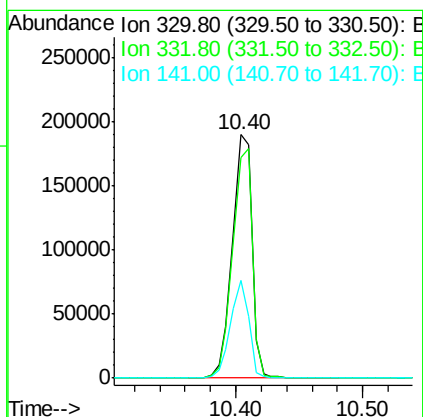
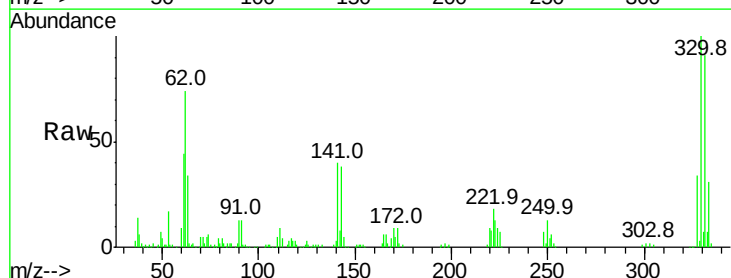
Instrument :
 BNA_F
 ClientSampleId :

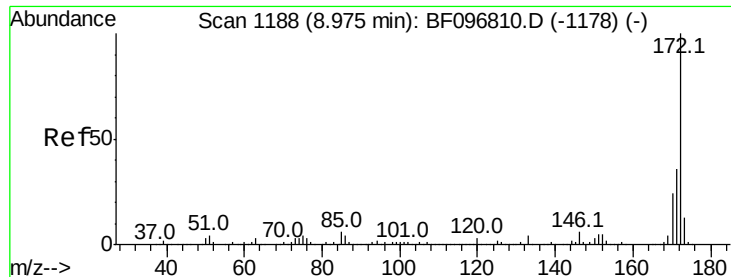
Tot Ion:164 Resp: 192465
 Ion Ratio Lower Upper
 164 100
 162 103.0 82.6 123.8
 160 45.1 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 123.419 ng
 RT: 10.40 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF096870.D
 Acq: 19 Jul 2017 15:19

Tgt Ion:330 Resp: 202760
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.6 115.0
 141 37.7 31.4 47.2



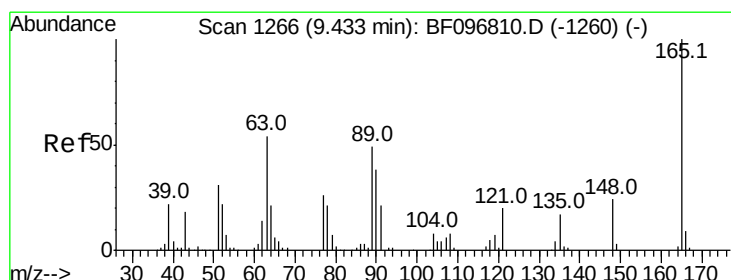
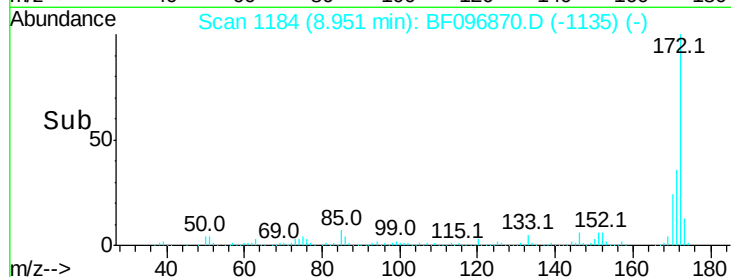
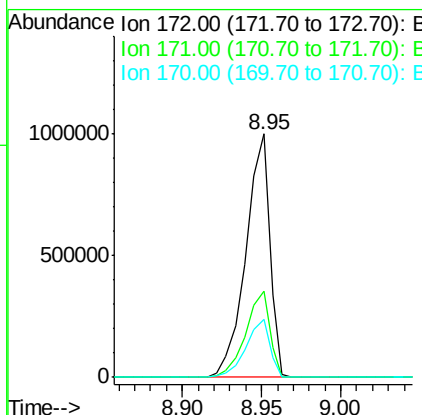
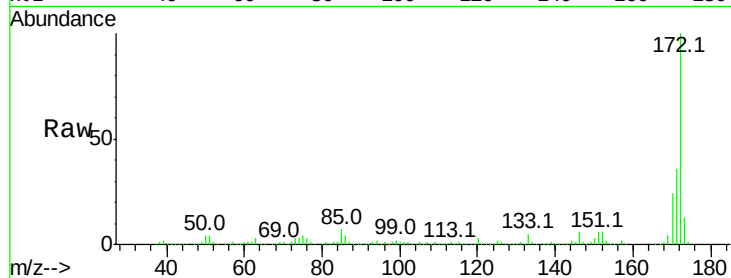


#44
 2-Fluorobiphenyl
 Concen: 85.847 ng
 RT: 8.95 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF096870.D
 Acq: 19 Jul 2017 15:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1045788

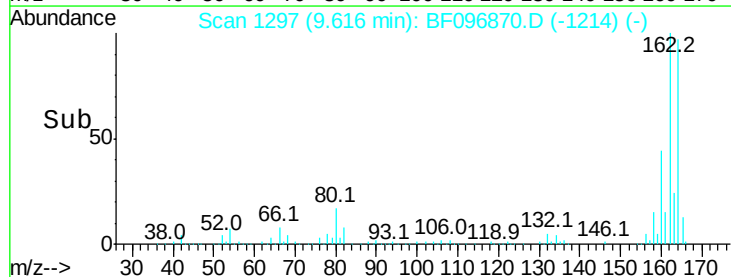
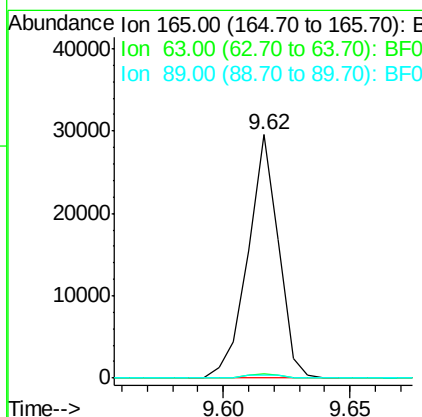
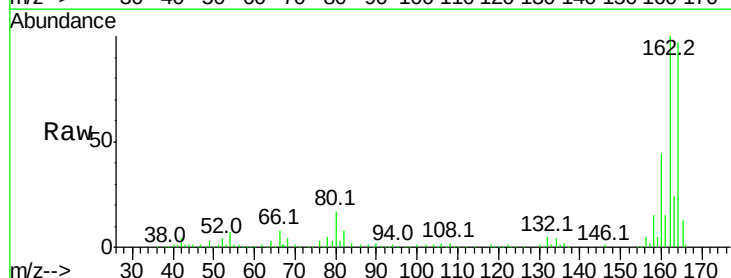
Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	24.1	19.8	29.8

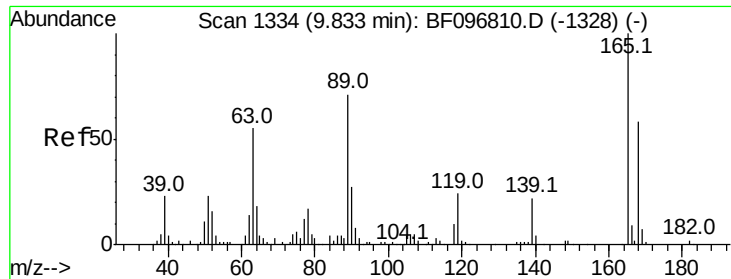


#50
 2,6-Dinitrotoluene
 Concen: 7.897 ng
 RT: 9.62 min Scan# 1297
 Delta R.T. 0.19 min
 Lab File: BF096870.D
 Acq: 19 Jul 2017 15:19

Tgt Ion:165 Resp: 24789

Ion	Ratio	Lower	Upper
165	100		
63	1.5	34.3	51.5#
89	1.2	37.1	55.7#

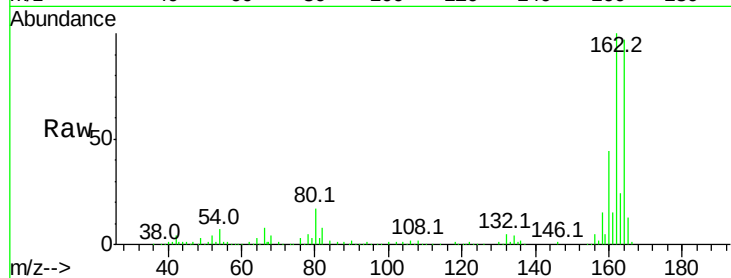




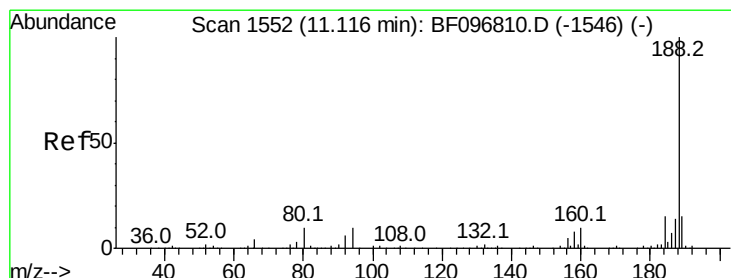
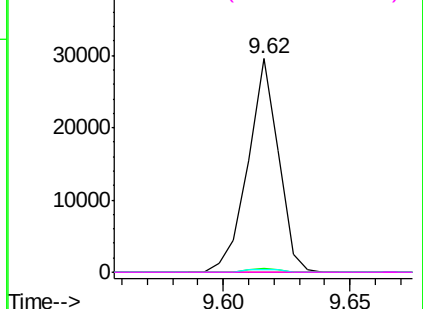
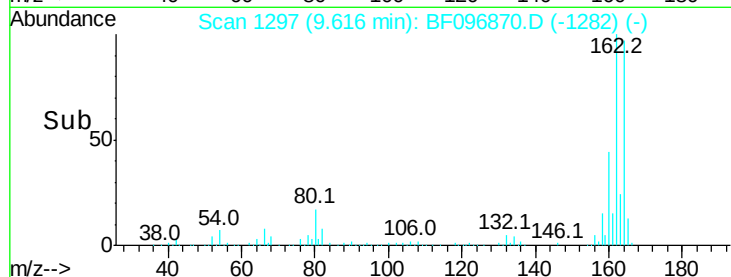
#56
 2,4-Dinitrotoluene
 Concen: 6.146 ng
 RT: 9.62 min Scan# 1297
 Delta R.T. -0.21 min
 Lab File: BF096870.D
 Acq: 19 Jul 2017 15:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 24789
 Ion Ratio Lower Upper
 165 100
 63 1.5 25.4 38.0#
 89 1.2 46.4 69.6#
 182 0.0 1.8 2.6#

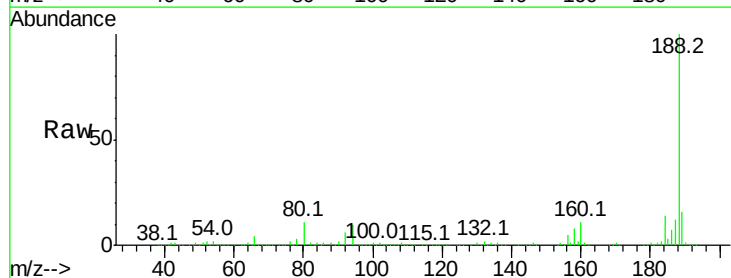


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

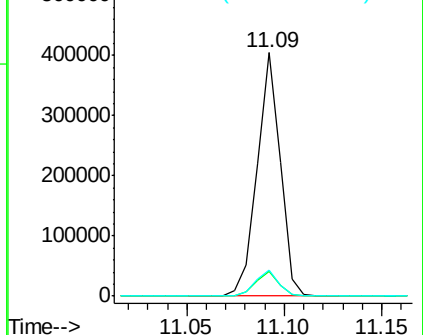
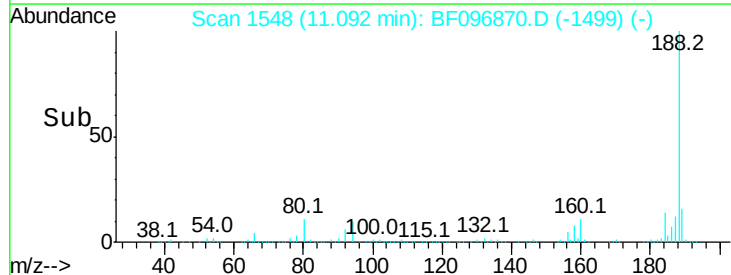


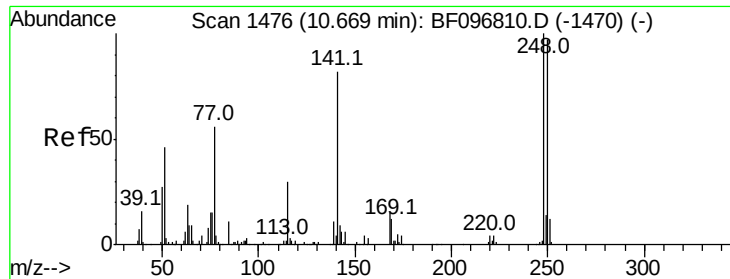
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.09 min Scan# 1548
 Delta R.T. -0.01 min
 Lab File: BF096870.D
 Acq: 19 Jul 2017 15:19

Tgt Ion:188 Resp: 332460
 Ion Ratio Lower Upper
 188 100
 94 10.2 9.4 14.2
 80 10.6 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

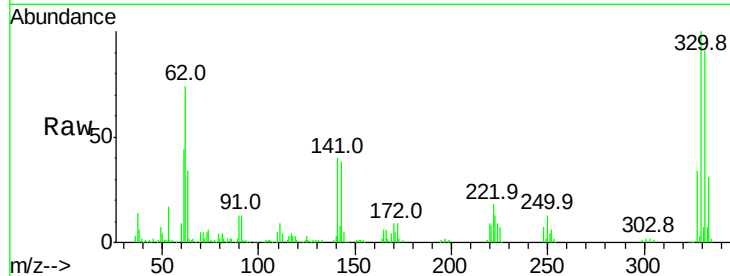




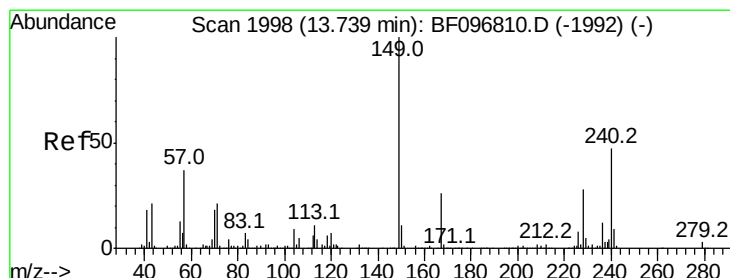
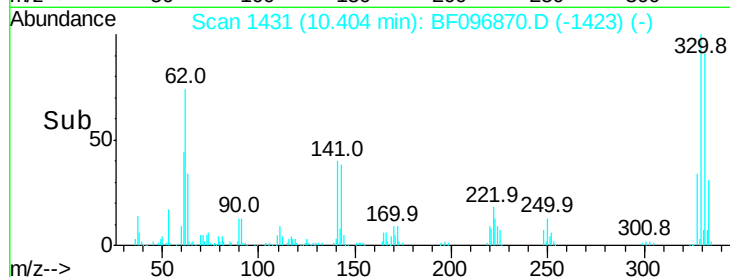
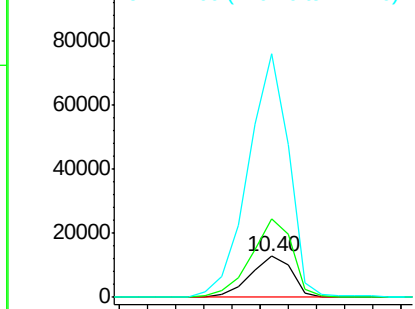
#66
 4-Bromophenyl-phenylether
 Concen: 3.861 ng
 RT: 10.40 min Scan# 1431
 Delta R.T. -0.25 min
 Lab File: BF096870.D
 Acq: 19 Jul 2017 15:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 13104
 Ion Ratio Lower Upper
 248 100
 250 189.3 76.8 115.2#
 141 589.3 68.6 103.0#

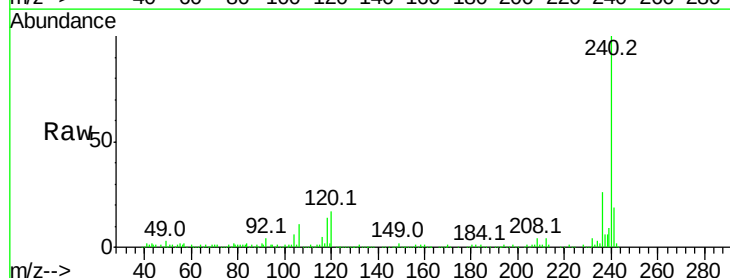


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

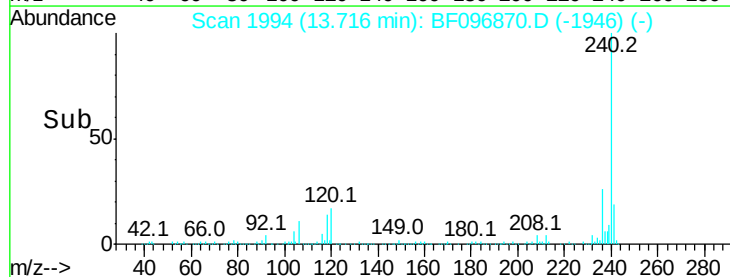
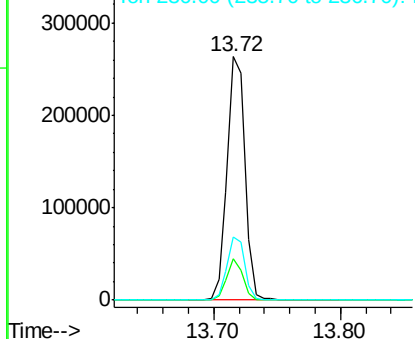


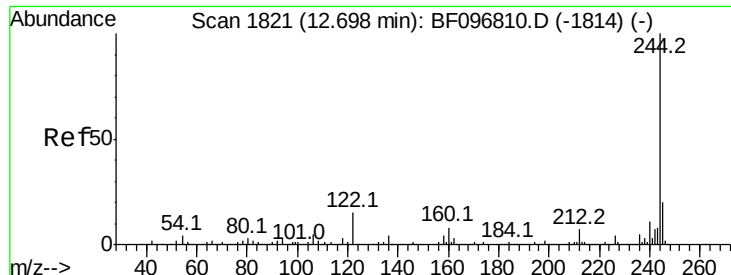
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.72 min Scan# 1994
 Delta R.T. -0.02 min
 Lab File: BF096870.D
 Acq: 19 Jul 2017 15:19

Tgt Ion:240 Resp: 257340
 Ion Ratio Lower Upper
 240 100
 120 16.8 5.8 8.8#
 236 26.0 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: 63.602 ng

RT: 12.68 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF096870.D

Acq: 19 Jul 2017 15:19

Instrument :

BNA_F

ClientSampleId :

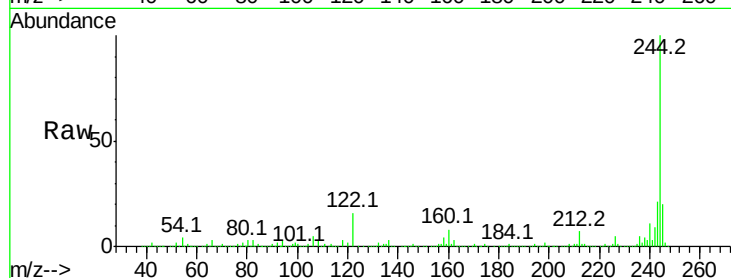
Tot Ion:244 Resp: 943771

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

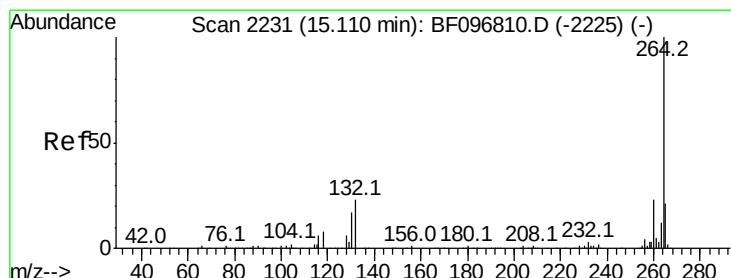
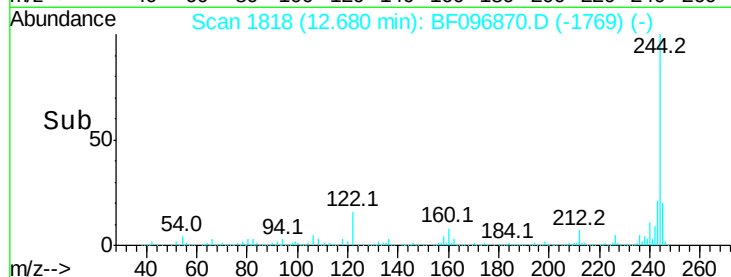
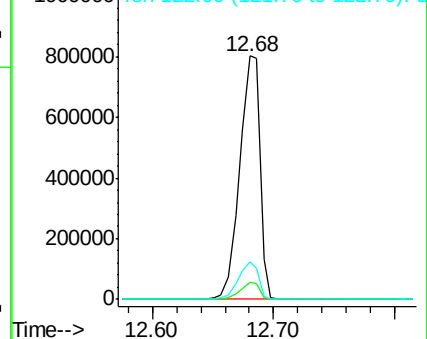
122 15.5 10.3 15.5#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.09 min Scan# 2227

Delta R.T. -0.02 min

Lab File: BF096870.D

Acq: 19 Jul 2017 15:19

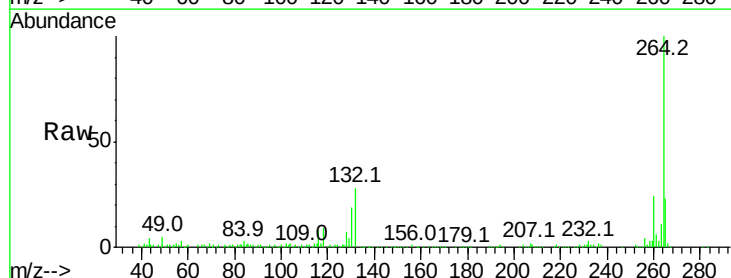
Tgt Ion:264 Resp: 186533

Ion Ratio Lower Upper

264 100

260 23.7 19.5 29.3

265 22.5 17.2 25.8



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

