

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111716\
 Data File : BF091217.D
 Acq On : 17 Nov 2016 17:30
 Operator : UM/SJ
 Sample : H5686-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB111616

Quant Time: Nov 18 03:06:21 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

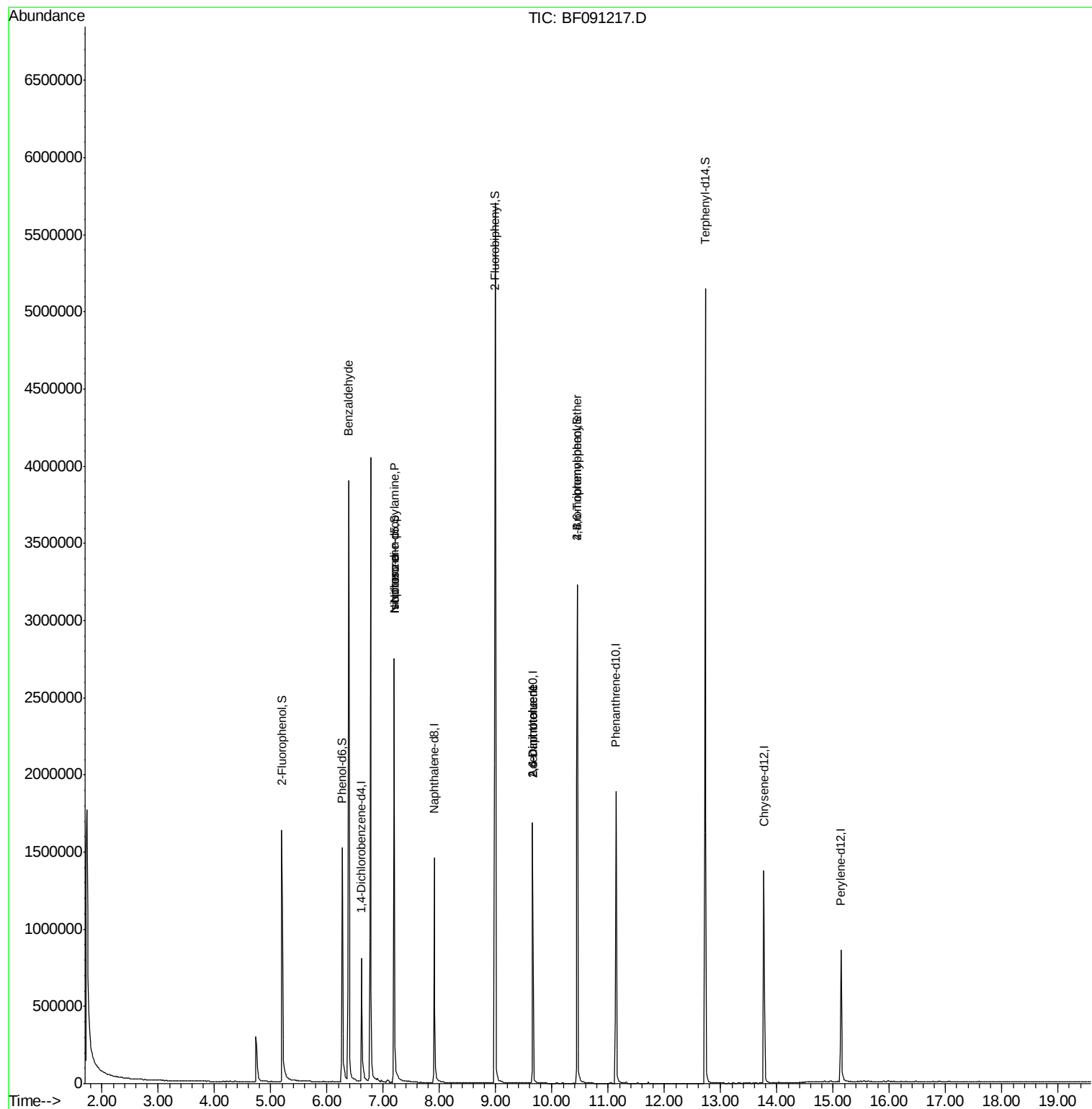
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	180835	20.00	ng	-0.05
21) Naphthalene-d8	7.90	136	775042	20.00	ng	-0.05
38) Acenaphthene-d10	9.65	164	424052	20.00	ng	-0.05
63) Phenanthrene-d10	11.14	188	709405	20.00	ng	-0.03
75) Chrysene-d12	13.77	240	508737	20.00	ng	-0.05
86) Perylene-d12	15.14	264	360955	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	732524	66.90	ng	-0.05
7) Phenol-d6	6.27	99	622942	41.92	ng	-0.05
23) Nitrobenzene-d5	7.20	82	1319606	92.88	ng	-0.05
41) 2,4,6-Tribromophenol	10.45	330	529416	138.10	ng	-0.03
44) 2-Fluorobiphenyl	8.99	172	1974551	80.17	ng	-0.05
78) Terphenyl-d14	12.73	244	1992759	97.75	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.38	77	27181	3.30	ng	Qvalue 86
19) n-Nitroso-di-n-propylamine	7.20	70	179037	17.38	ng	# 74
25) Isophorone	7.20	82	1291705	47.18	ng	# 67
50) 2,6-Dinitrotoluene	9.65	165	54408	9.13	ng	# 11
56) 2,4-Dinitrotoluene	9.65	165	54402	7.18	ng	# 26
66) 4-Bromophenyl-phenylether	10.45	248	36059	4.89	ng	# 1

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111716\
Data File : BF091217.D
Acq On : 17 Nov 2016 17:30
Operator : UM/SJ
Sample : H5686-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FB111616

Quant Time: Nov 18 03:06:21 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 12:59:29 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.61 min Scan# 431

Delta R.T. -0.05 min

Lab File: BF091217.D

Acq: 17 Nov 2016 17:30

Instrument :

BNA_F

ClientSampleId :

FB111616

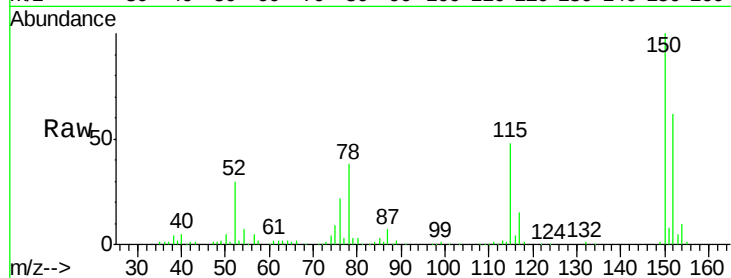
Tgt Ion:152 Resp: 180835

Ion Ratio Lower Upper

152 100

150 160.1 126.8 190.2

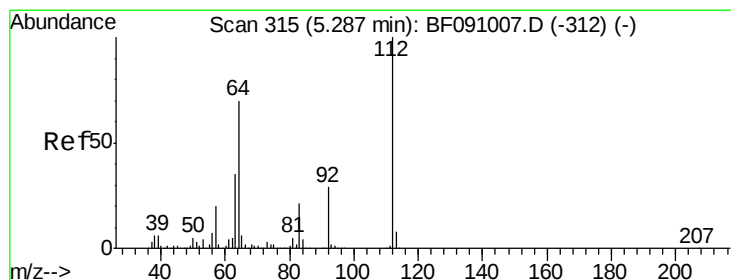
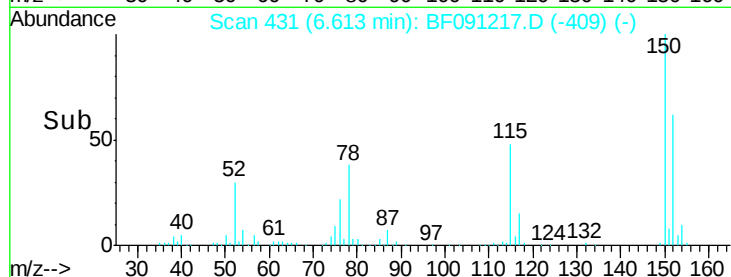
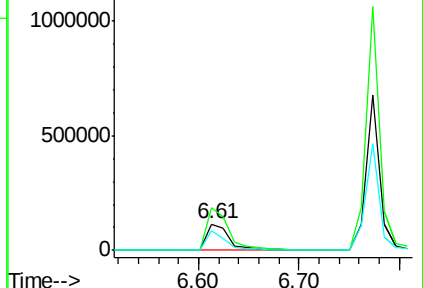
115 76.9 53.3 79.9



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: 66.90 ng

RT: 5.20 min Scan# 307

Delta R.T. -0.05 min

Lab File: BF091217.D

Acq: 17 Nov 2016 17:30

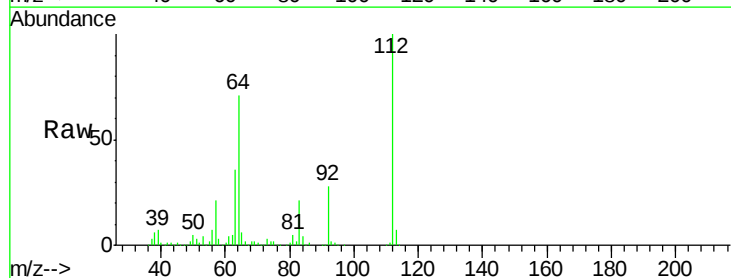
Tgt Ion:112 Resp: 732524

Ion Ratio Lower Upper

112 100

64 71.0 55.8 83.6

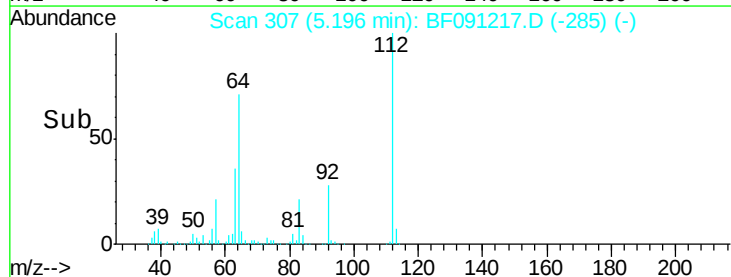
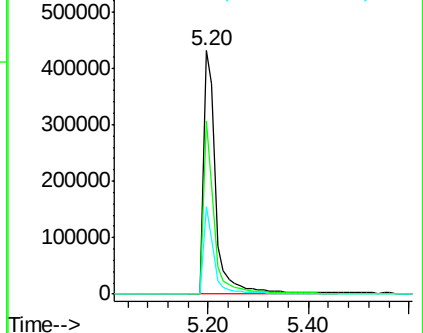
63 35.9 28.0 42.0



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: 41.92 ng

RT: 6.27 min Scan# 401

Delta R.T. -0.05 min

Lab File: BF091217.D

Acq: 17 Nov 2016 17:30

Instrument :

BNA_F

ClientSampleId :

FB111616

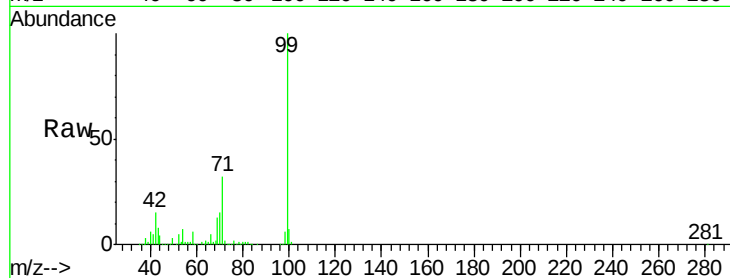
Tgt Ion: 99 Resp: 622942

Ion Ratio Lower Upper

99 100

42 15.3 13.9 20.9

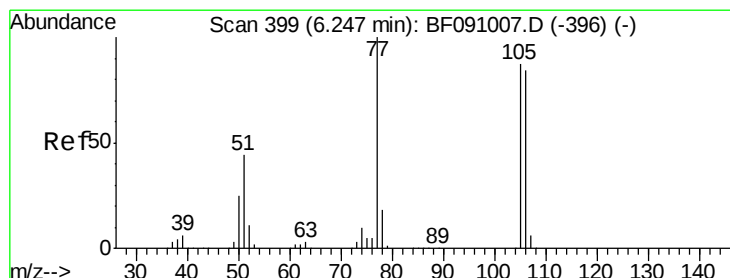
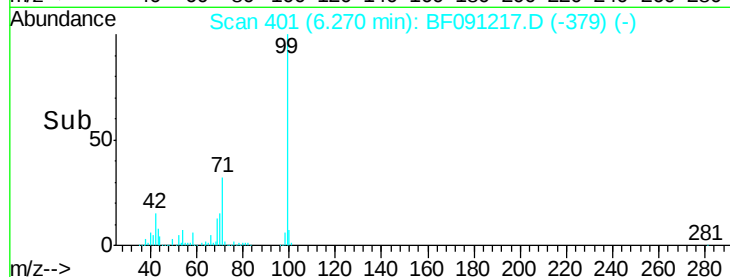
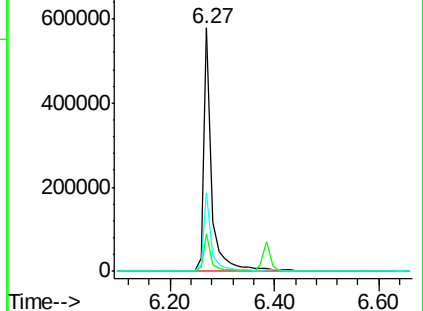
71 32.5 27.8 41.8



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: 3.30 ng

RT: 6.38 min Scan# 411

Delta R.T. 0.18 min

Lab File: BF091217.D

Acq: 17 Nov 2016 17:30

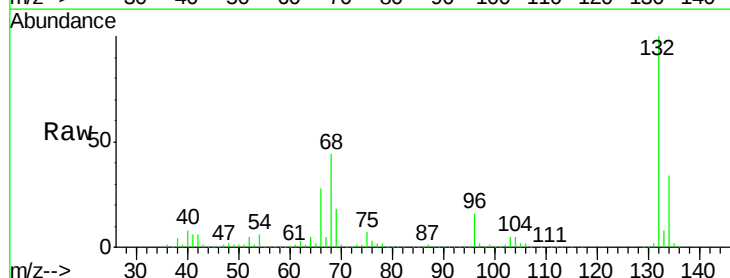
Tgt Ion: 77 Resp: 27181

Ion Ratio Lower Upper

77 100

105 80.5 66.8 106.8

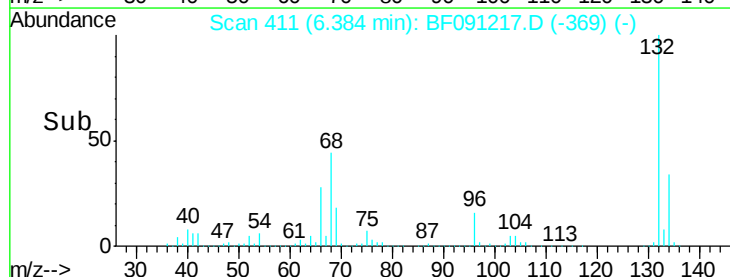
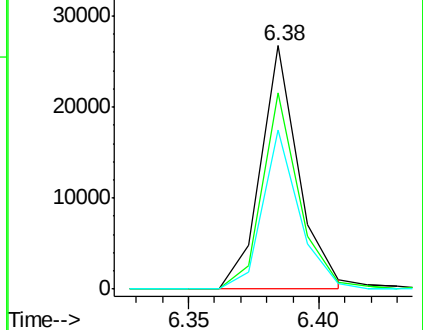
106 65.4 64.0 104.0

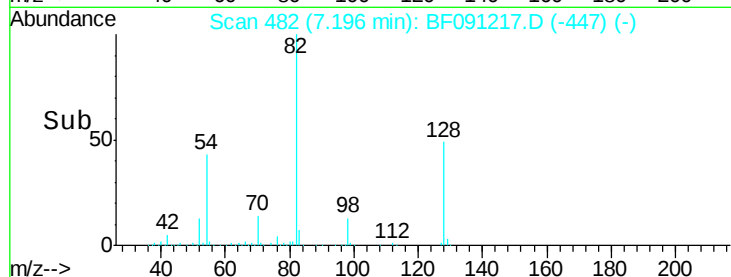
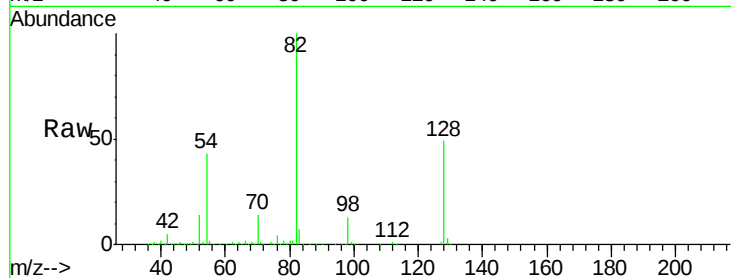
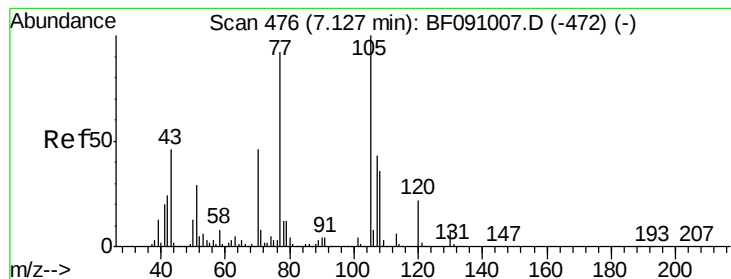


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 17.38 ng

RT: 7.20 min Scan# 482

Delta R.T. 0.10 min

Lab File: BF091217.D

Acq: 17 Nov 2016 17:30

Instrument :

BNA_F

ClientSampleId :

FB111616

Tgt Ion: 70 Resp: 179037

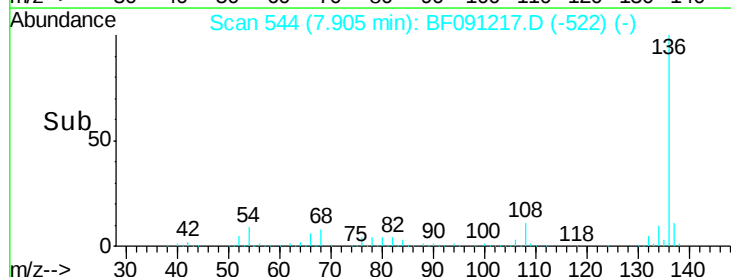
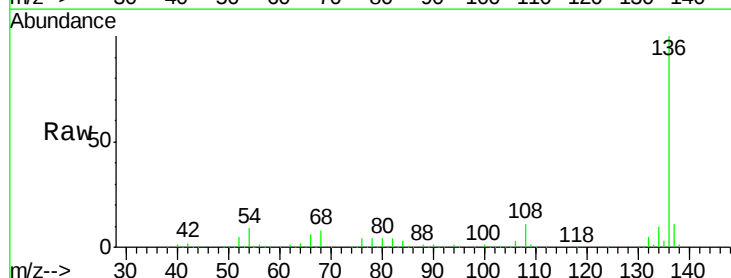
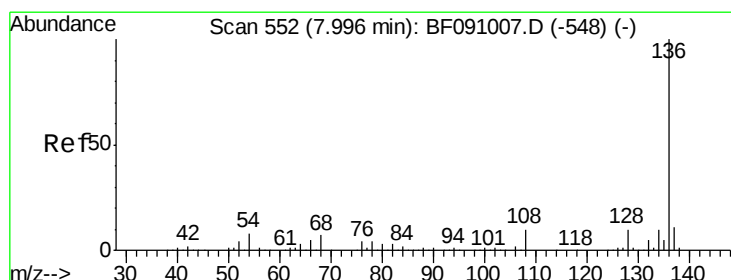
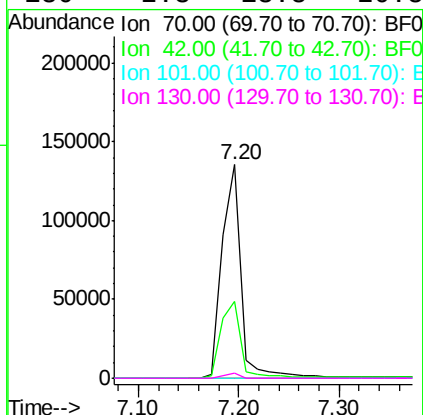
Ion Ratio Lower Upper

70 100

42 35.7 41.7 62.5#

101 0.0 6.7 10.1#

130 2.3 13.8 20.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 544

Delta R.T. -0.05 min

Lab File: BF091217.D

Acq: 17 Nov 2016 17:30

Tgt Ion: 136 Resp: 775042

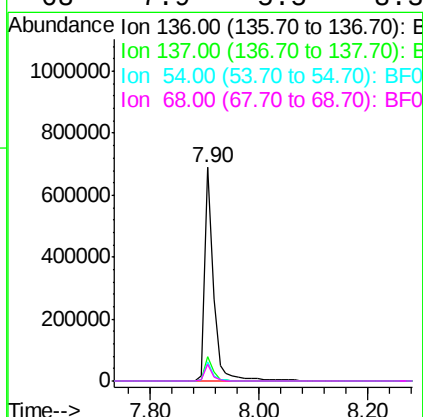
Ion Ratio Lower Upper

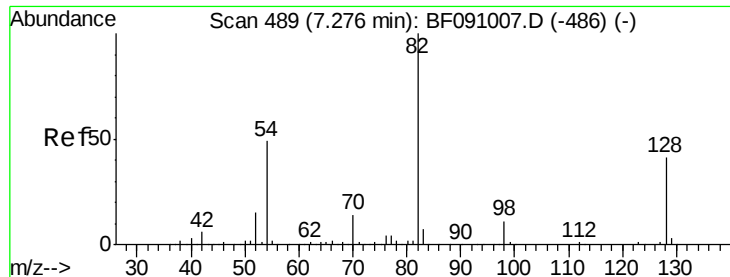
136 100

137 11.2 8.9 13.3

54 9.2 6.2 9.2

68 7.9 5.5 8.3





#23

Nitrobenzene-d5

Concen: 92.88 ng

RT: 7.20 min Scan# 482

Delta R.T. -0.05 min

Lab File: BF091217.D

Acq: 17 Nov 2016 17:30

Instrument :

BNA_F

ClientSampled :

FB111616

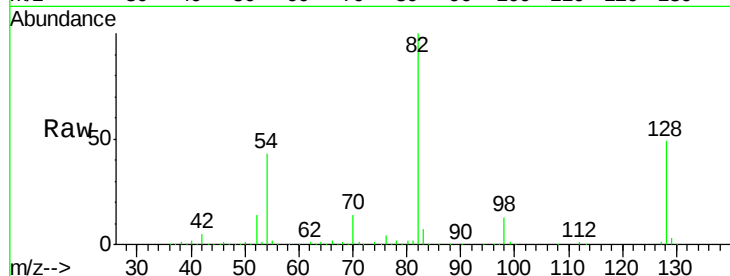
Tgt Ion: 82 Resp: 1319606

Ion Ratio Lower Upper

82 100

128 49.1 32.4 48.6#

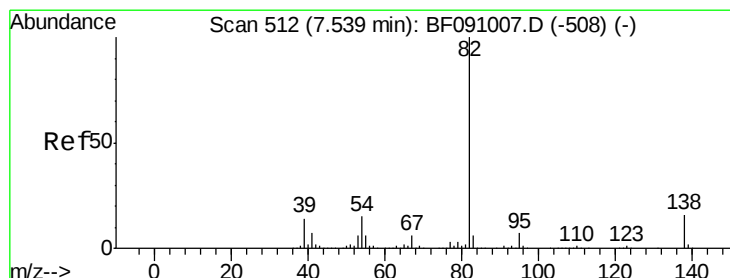
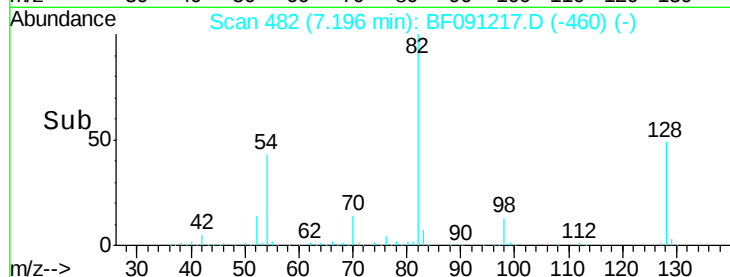
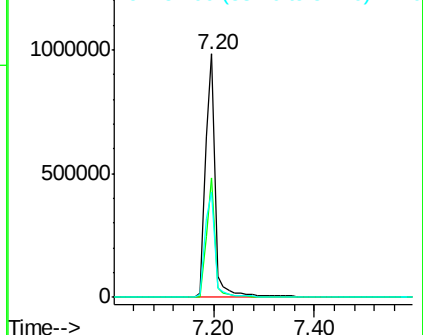
54 43.5 39.2 58.8



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: 47.18 ng

RT: 7.20 min Scan# 482

Delta R.T. -0.30 min

Lab File: BF091217.D

Acq: 17 Nov 2016 17:30

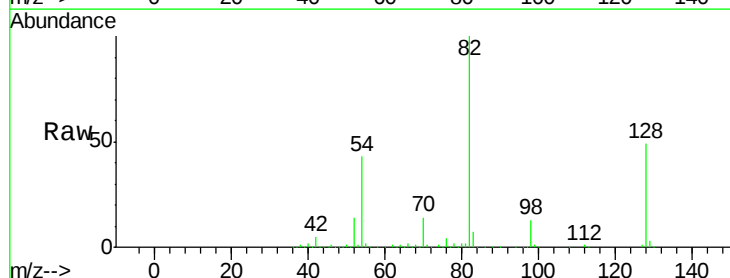
Tgt Ion: 82 Resp: 1291705

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

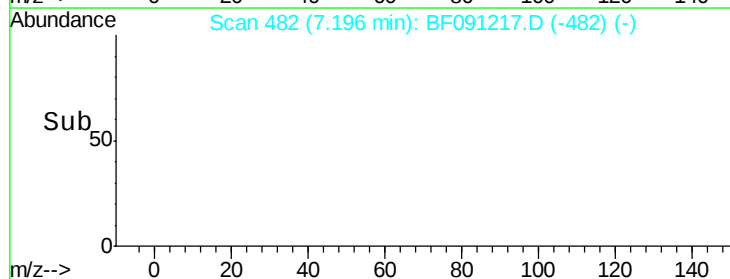
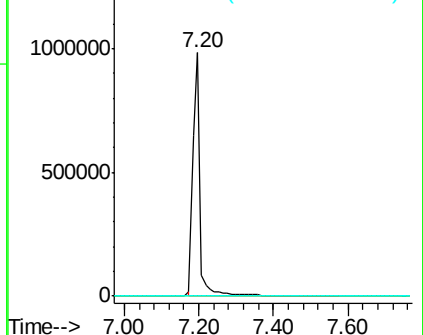
138 0.0 13.0 19.4#

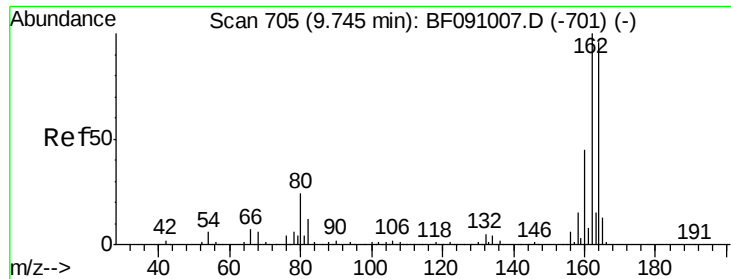


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

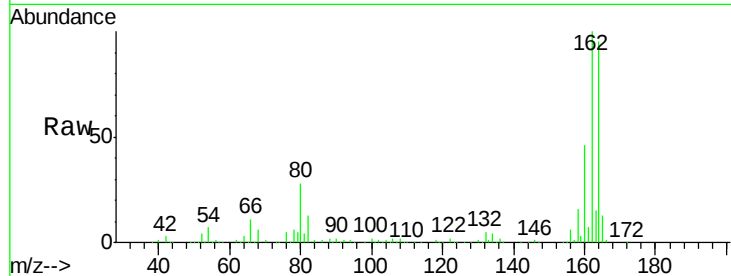




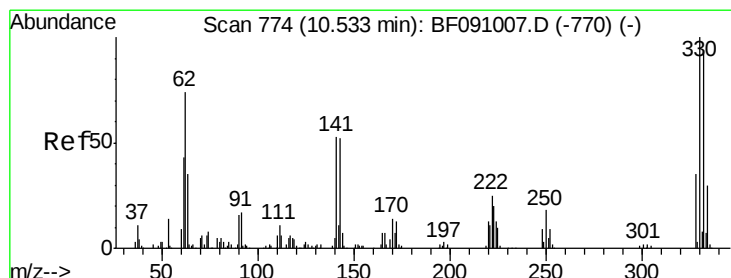
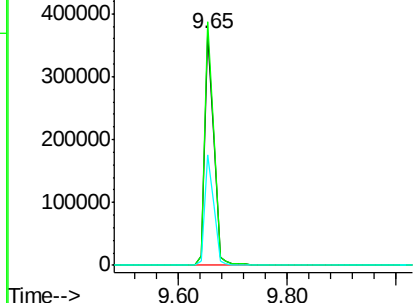
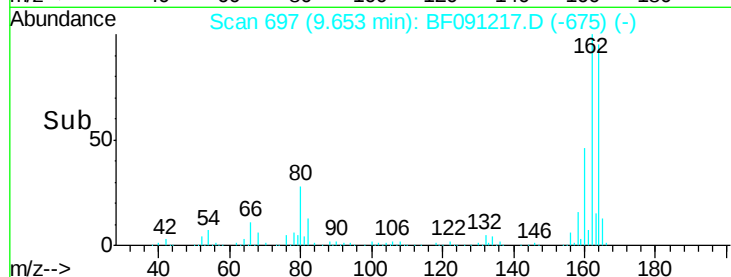
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.65 min Scan# 697
Delta R.T. -0.05 min
Lab File: BF091217.D
Acq: 17 Nov 2016 17:30

Instrument :
BNA_F
ClientSampleId :
FB111616

Tgt Ion:164 Resp: 424052
Ion Ratio Lower Upper
164 100
162 105.2 83.6 125.4
160 48.0 37.9 56.9

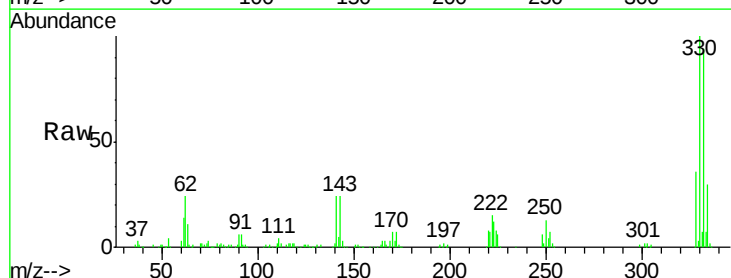


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

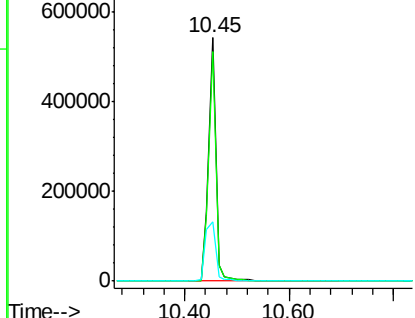
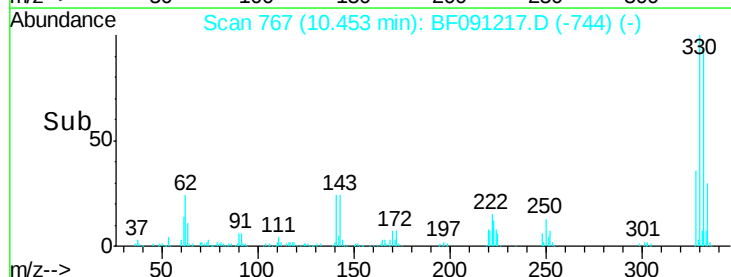


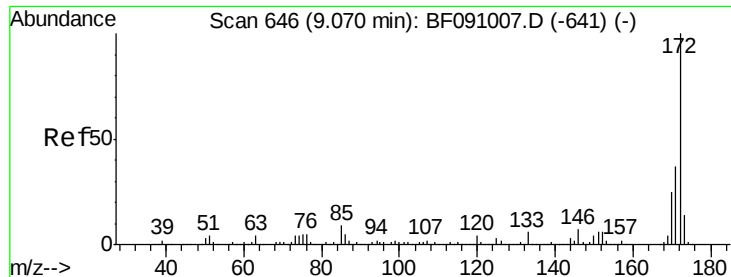
#41
2,4,6-Tribromophenol
Concen: 138.10 ng
RT: 10.45 min Scan# 767
Delta R.T. -0.03 min
Lab File: BF091217.D
Acq: 17 Nov 2016 17:30

Tgt Ion:330 Resp: 529416
Ion Ratio Lower Upper
330 100
332 94.7 75.9 113.9
141 35.7 36.1 54.1#



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

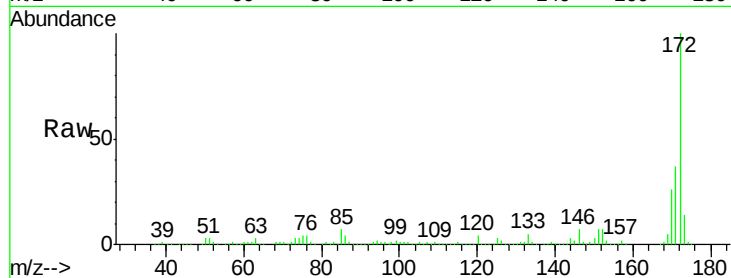




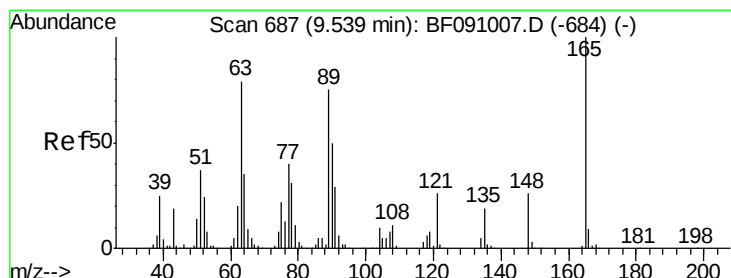
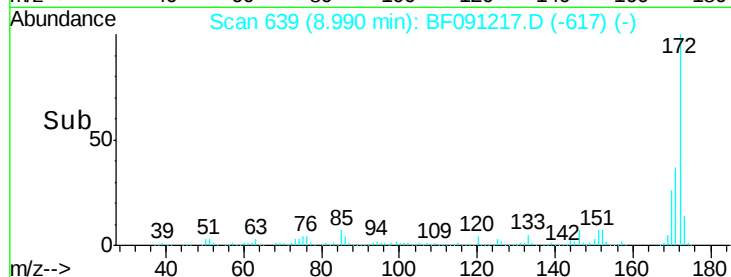
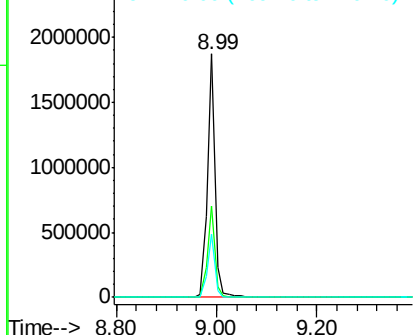
#44
 2-Fluorobiphenyl
 Concen: 80.17 ng
 RT: 8.99 min Scan# 639
 Delta R.T. -0.05 min
 Lab File: BF091217.D
 Acq: 17 Nov 2016 17:30

Instrument :
 BNA_F
 ClientSampleId :
 FB111616

Tgt Ion:172 Resp: 1974551
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.8 44.6
 170 25.9 20.3 30.5

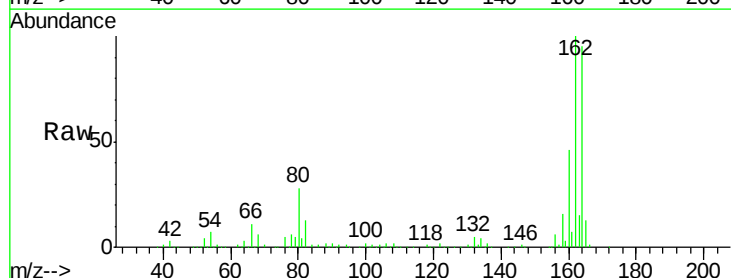


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

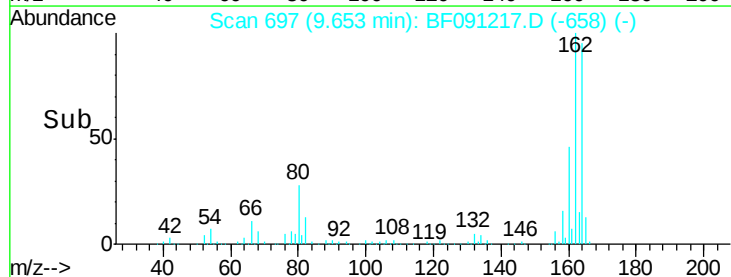
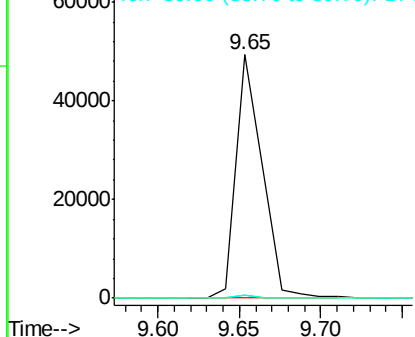


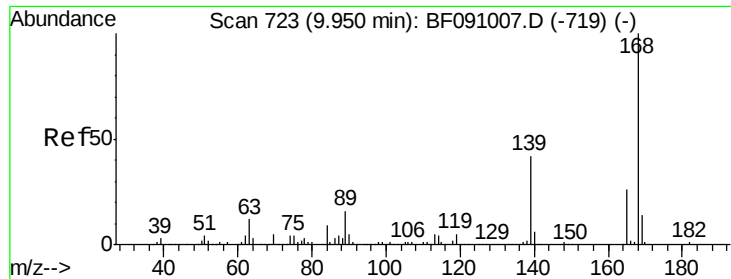
#50
 2,6-Dinitrotoluene
 Concen: 9.13 ng
 RT: 9.65 min Scan# 697
 Delta R.T. 0.15 min
 Lab File: BF091217.D
 Acq: 17 Nov 2016 17:30

Tgt Ion:165 Resp: 54408
 Ion Ratio Lower Upper
 165 100
 63 1.0 65.6 98.4#
 89 1.2 59.8 89.6#



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

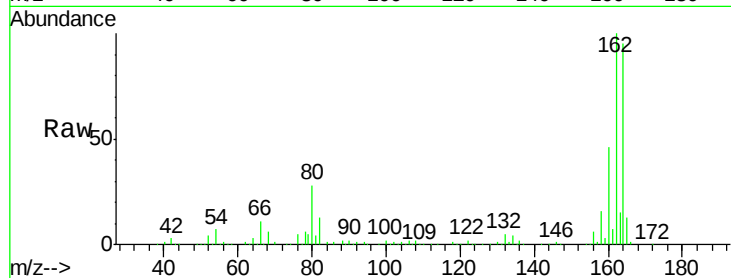




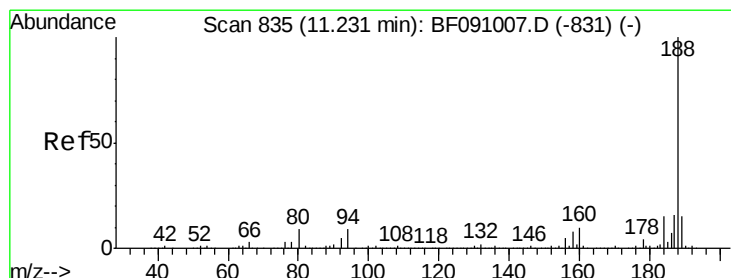
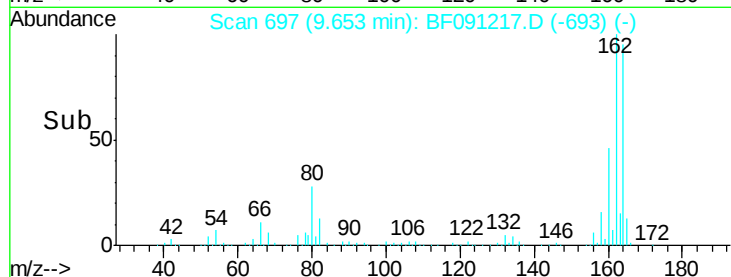
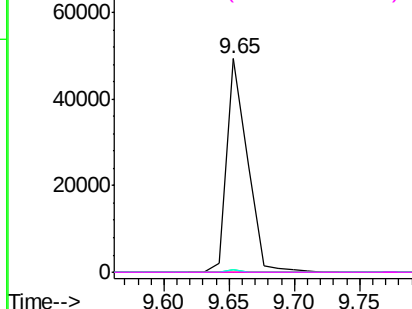
#56
2,4-Dinitrotoluene
Concen: 7.18 ng
RT: 9.65 min Scan# 697
Delta R.T. -0.25 min
Lab File: BF091217.D
Acq: 17 Nov 2016 17:30

Instrument :
BNA_F
ClientSampleId :
FB111616

Tgt Ion:165 Resp: 54402
Ion Ratio Lower Upper
165 100
63 1.0 38.7 58.1#
89 1.2 50.6 76.0#
182 0.0 1.8 2.8#

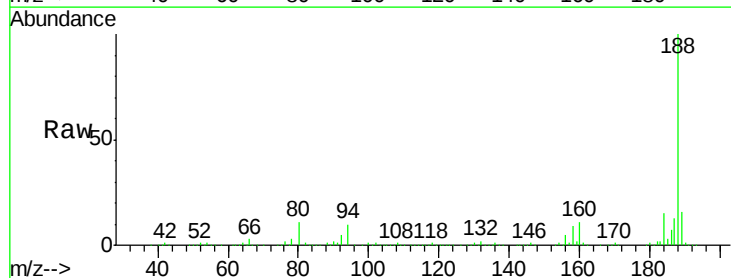


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

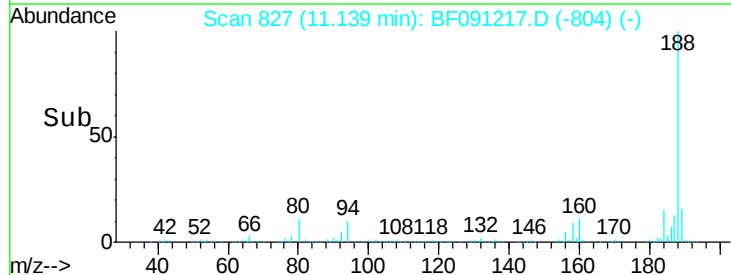
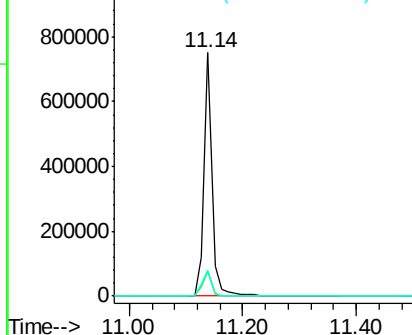


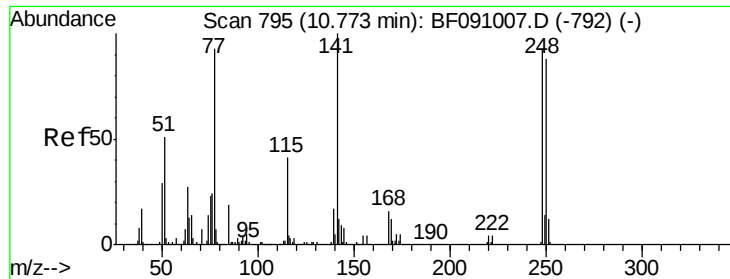
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 827
Delta R.T. -0.03 min
Lab File: BF091217.D
Acq: 17 Nov 2016 17:30

Tgt Ion:188 Resp: 709405
Ion Ratio Lower Upper
188 100
94 10.1 7.0 10.4
80 10.7 7.5 11.3



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

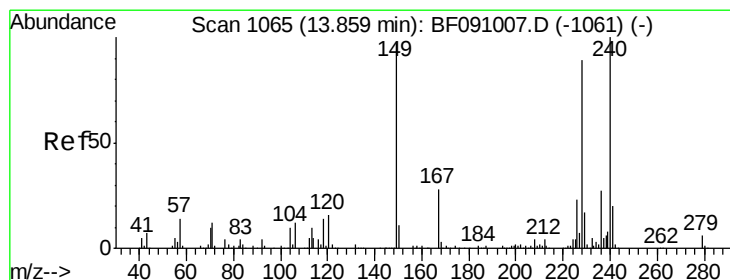
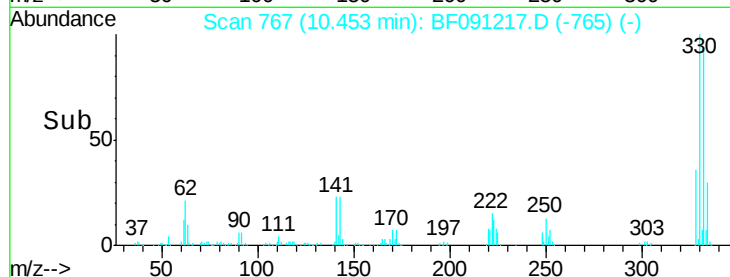
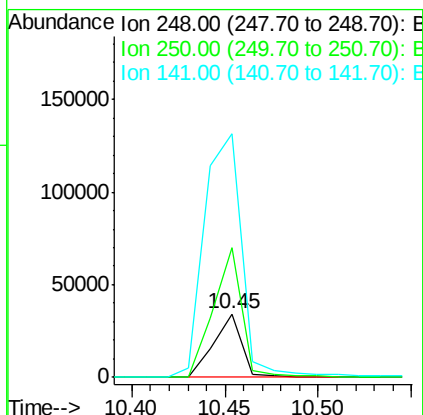
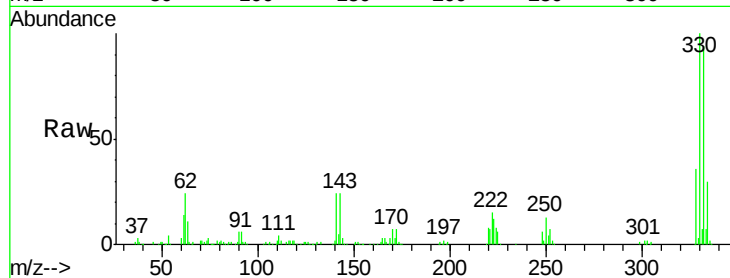




#66
 4-Bromophenyl-phenylether
 Concen: 4.89 ng
 RT: 10.45 min Scan# 767
 Delta R.T. -0.27 min
 Lab File: BF091217.D
 Acq: 17 Nov 2016 17:30

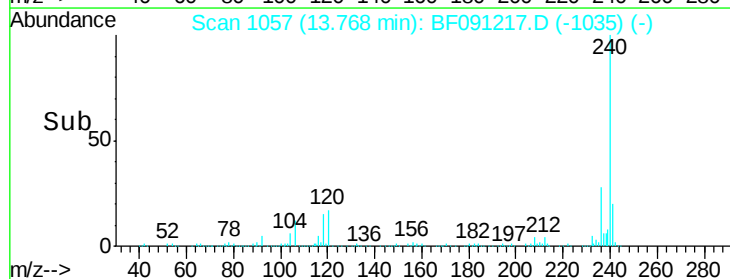
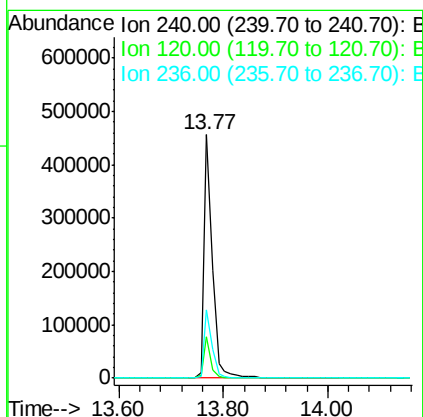
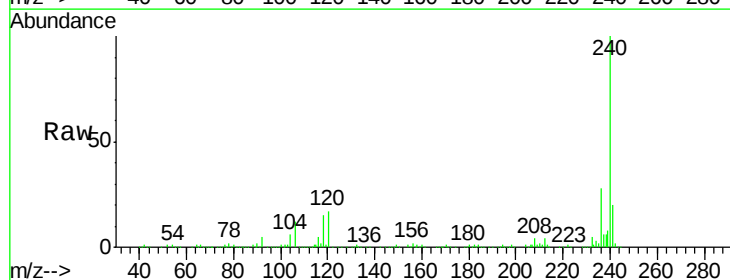
Instrument :
 BNA_F
 ClientSampleId :
 FB111616

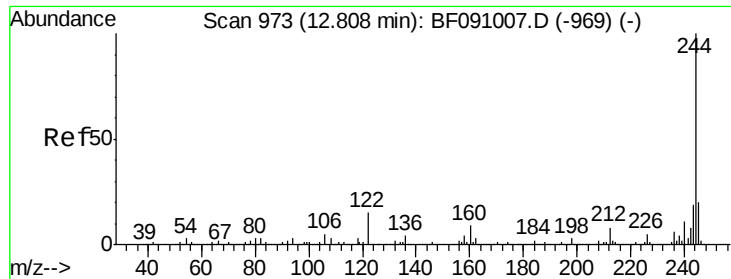
Tgt Ion:248 Resp: 36059
 Ion Ratio Lower Upper
 248 100
 250 205.4 76.3 114.5#
 141 384.7 86.8 130.2#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.77 min Scan# 1057
 Delta R.T. -0.05 min
 Lab File: BF091217.D
 Acq: 17 Nov 2016 17:30

Tgt Ion:240 Resp: 508737
 Ion Ratio Lower Upper
 240 100
 120 17.0 12.9 19.3
 236 27.9 21.9 32.9

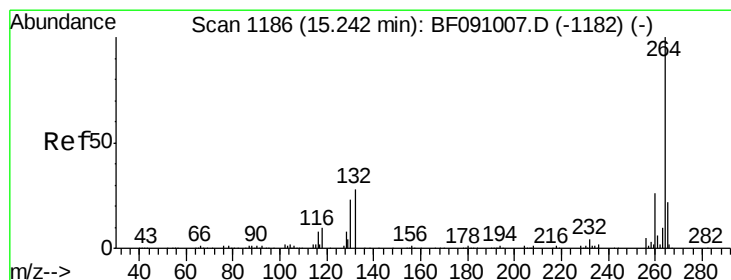
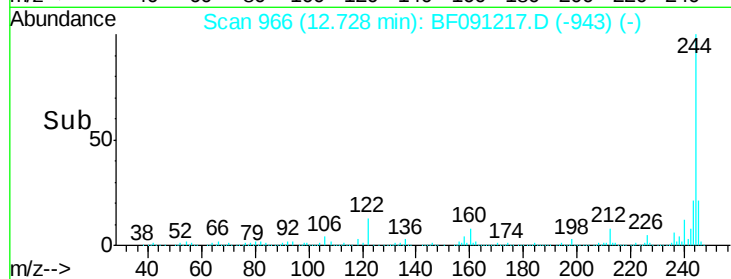
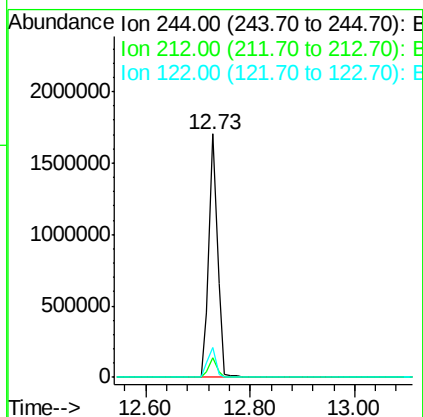
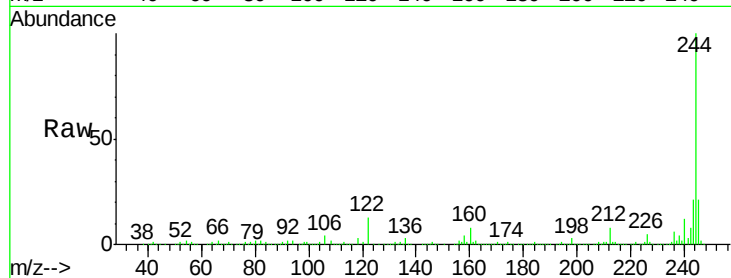




#78
 Terphenyl-d14
 Concen: 97.75 ng
 RT: 12.73 min Scan# 966
 Delta R.T. -0.03 min
 Lab File: BF091217.D
 Acq: 17 Nov 2016 17:30

Instrument :
 BNA_F
 ClientSampleId :
 FB111616

Tgt Ion:244 Resp: 1992759
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.4 9.6
 122 12.5 12.3 18.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.14 min Scan# 1177
 Delta R.T. -0.05 min
 Lab File: BF091217.D
 Acq: 17 Nov 2016 17:30

Tgt Ion:264 Resp: 360955
 Ion Ratio Lower Upper
 264 100
 260 26.1 20.6 30.8
 265 22.1 17.8 26.8

