

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
 Data File : BF091288.D
 Acq On : 23 Nov 2016 21:25
 Operator : UM/SJ
 Sample : H5740-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01(4-6)

Quant Time: Nov 24 00:01:39 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 23 13:22:53 2016
 Response via : Initial Calibration

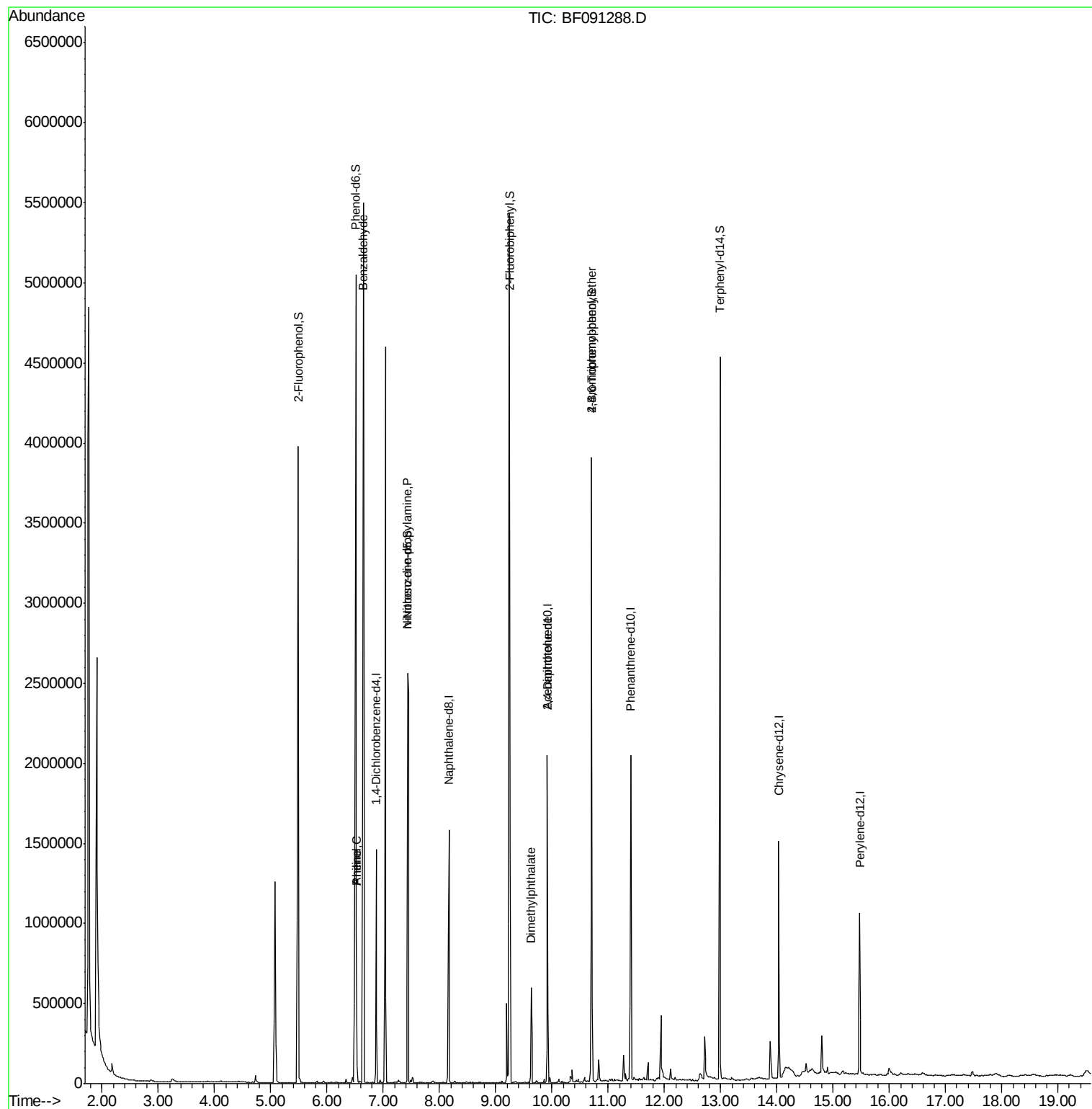
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	203945	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	855481	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	441669	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	719850	20.00	ng	0.00
75) Chrysene-d12	14.03	240	493488	20.00	ng	-0.01
86) Perylene-d12	15.47	264	484941	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1562386	123.09	ng	0.02
7) Phenol-d6	6.51	99	1795879	110.12	ng	0.01
23) Nitrobenzene-d5	7.44	82	1228168	82.65	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	450865	101.23	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1819455	67.45	ng	0.00
78) Terphenyl-d14	12.99	244	1510628	69.91	ng	0.00
Target Compounds						Qvalue
6) Aniline	6.52	93	75318	3.61	ng	# 66
9) Benzaldehyde	6.65	77	35967	3.02	ng	83
10) Phenol	6.52	94	148123	8.14	ng	84
19) n-Nitroso-di-n-propylamine	7.44	70	165202	16.15	ng	# 76
49) Dimethylphthalate	9.63	163	269661	9.78	ng	97
56) 2,4-Dinitrotoluene	9.92	165	58728	7.70	ng	# 34
66) 4-Bromophenyl-phenylether	10.70	248	28648	3.64	ng	# 1

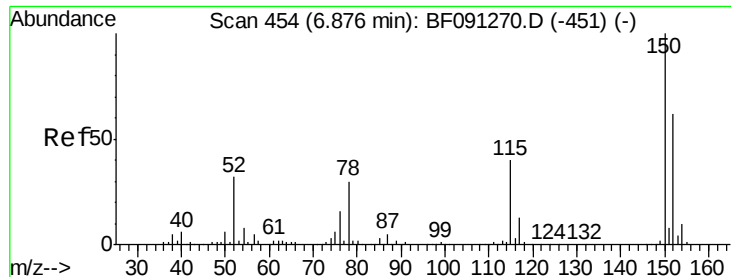
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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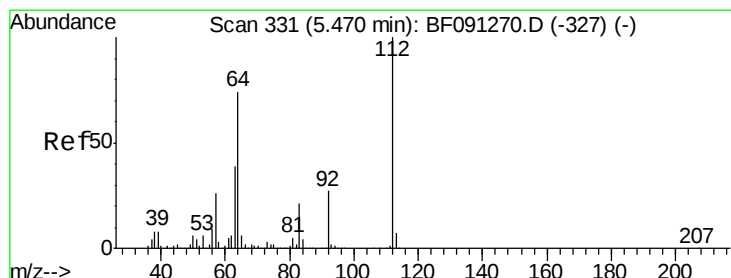
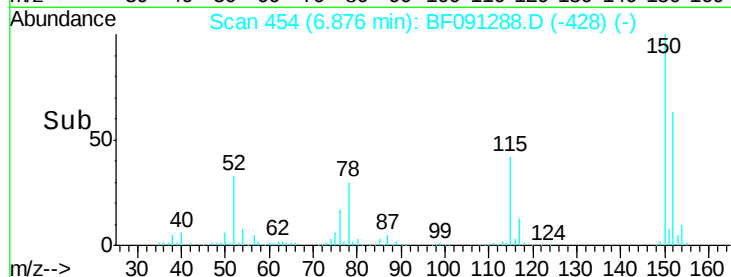
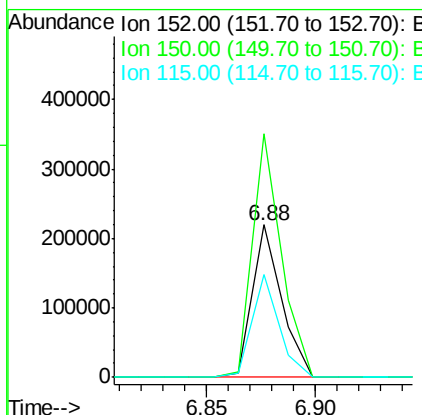
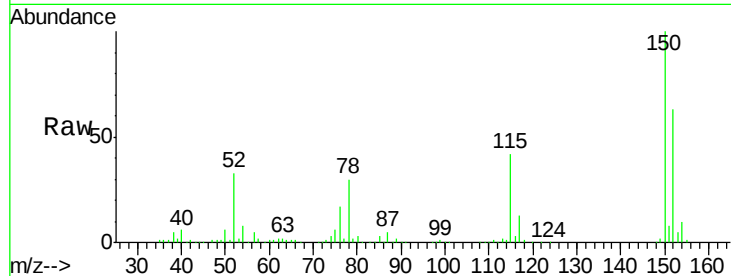




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.88 min Scan# 454
 Delta R.T. 0.00 min
 Lab File: BF091288.D
 Acq: 23 Nov 2016 21:25

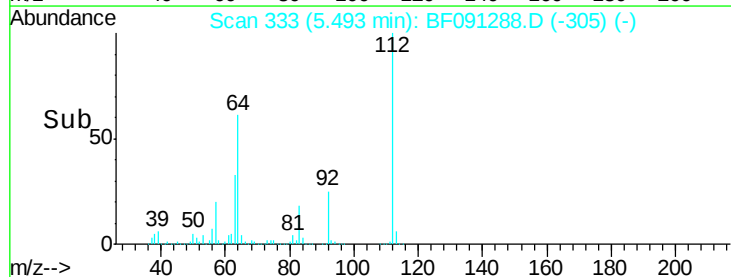
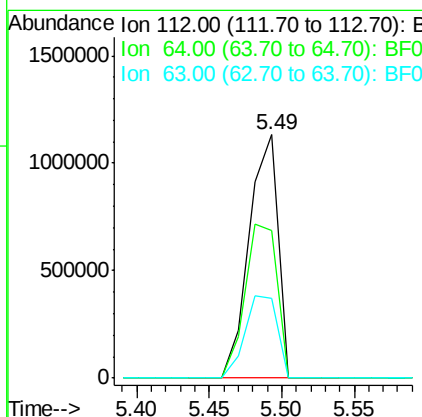
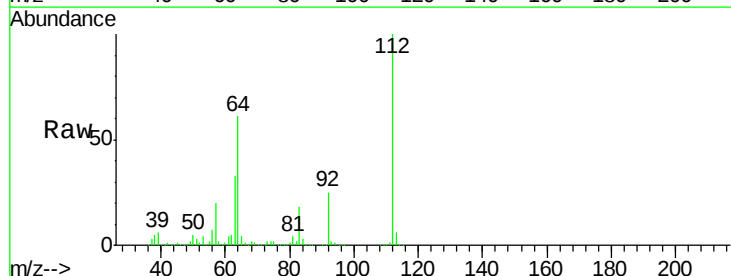
Instrument :
 BNA_F
 ClientSampleId :
 SB-01(4-6)

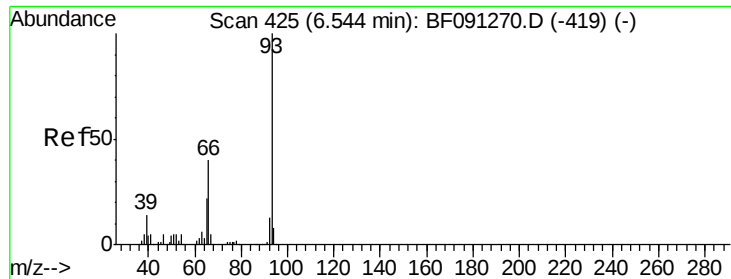
Tgt Ion:152 Resp: 203945
 Ion Ratio Lower Upper
 152 100
 150 159.9 122.5 183.7
 115 67.5 51.8 77.8



#5
 2-Fluorophenol
 Concen: 123.09 ng
 RT: 5.49 min Scan# 333
 Delta R.T. 0.02 min
 Lab File: BF091288.D
 Acq: 23 Nov 2016 21:25

Tgt Ion:112 Resp: 1562386
 Ion Ratio Lower Upper
 112 100
 64 60.7 61.5 92.3#
 63 32.5 33.3 49.9#





#6

Aniline

Concen: 3.61 ng

RT: 6.52 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF091288.D

Acq: 23 Nov 2016 21:25

Instrument :

BNA_F

ClientSampleId :

SB-01(4-6)

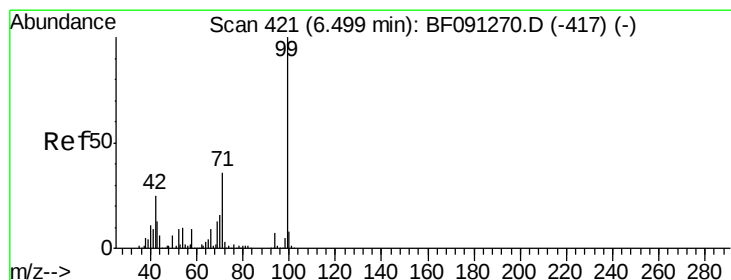
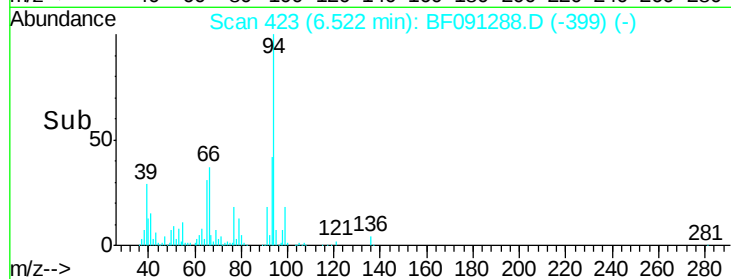
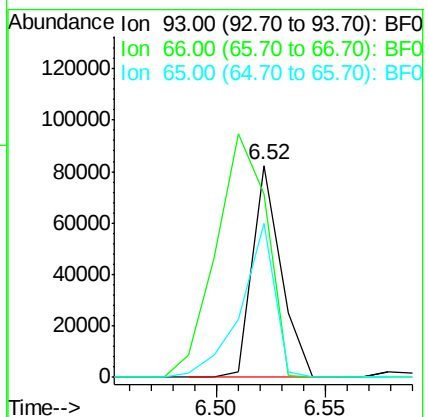
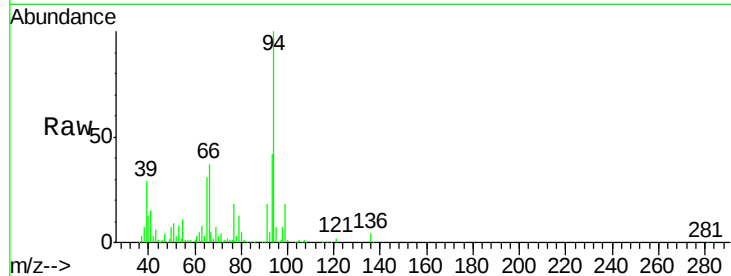
Tgt Ion: 93 Resp: 75318

Ion Ratio Lower Upper

93 100

66 86.7 55.8 83.6#

65 72.9 29.9 44.9#



#7

Phenol-d6

Concen: 110.12 ng

RT: 6.51 min Scan# 422

Delta R.T. 0.01 min

Lab File: BF091288.D

Acq: 23 Nov 2016 21:25

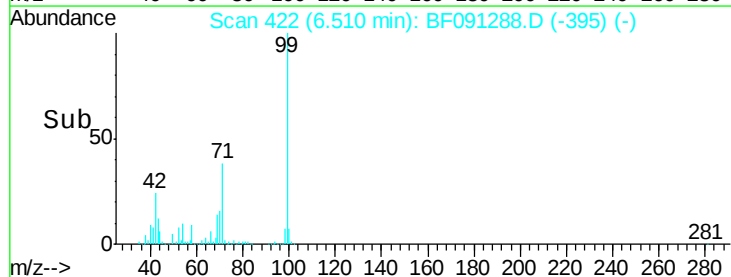
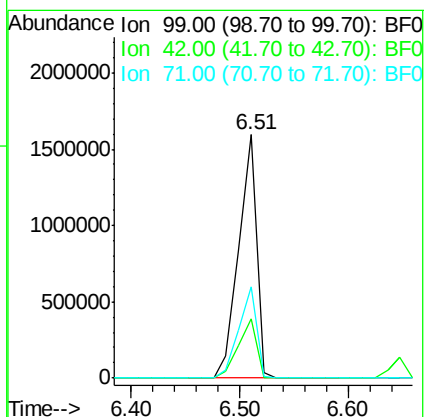
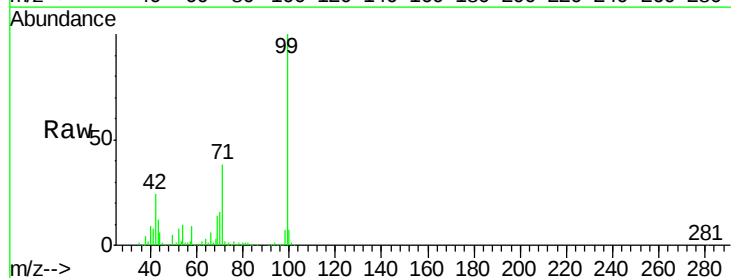
Tgt Ion: 99 Resp: 1795879

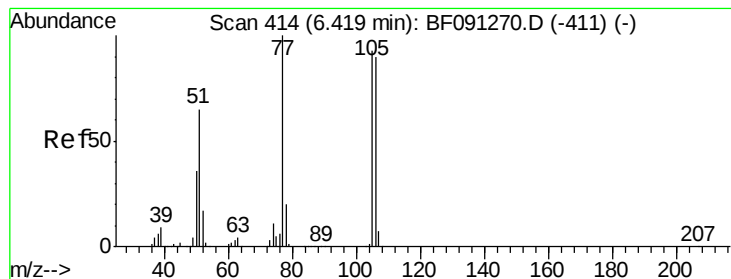
Ion Ratio Lower Upper

99 100

42 24.1 20.6 31.0

71 37.6 29.9 44.9





#9

Benzaldehyde

Concen: 3.02 ng

RT: 6.65 min Scan# 434

Delta R.T. 0.23 min

Lab File: BF091288.D

Acq: 23 Nov 2016 21:25

Instrument :

BNA_F

ClientSampleId :

SB-01(4-6)

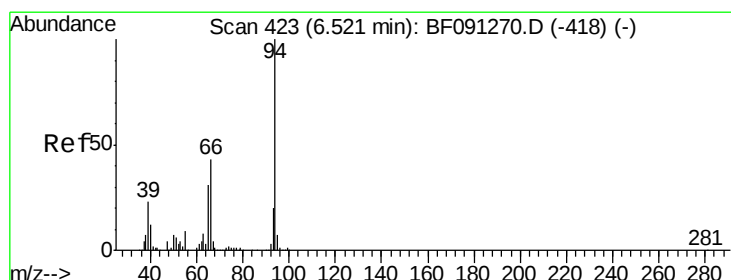
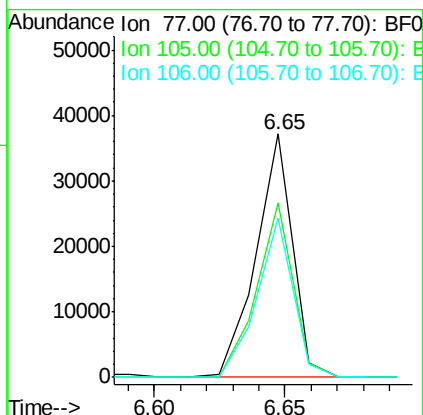
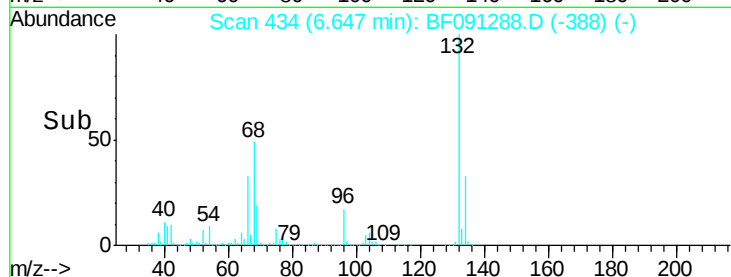
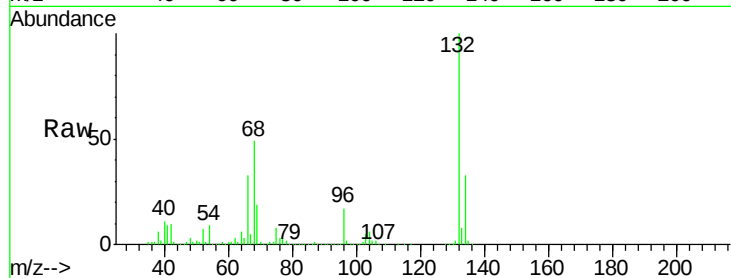
Tgt Ion: 77 Resp: 35967

Ion Ratio Lower Upper

77 100

105 71.7 66.4 106.4

106 65.1 60.9 100.9



#10

Phenol

Concen: 8.14 ng

RT: 6.52 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF091288.D

Acq: 23 Nov 2016 21:25

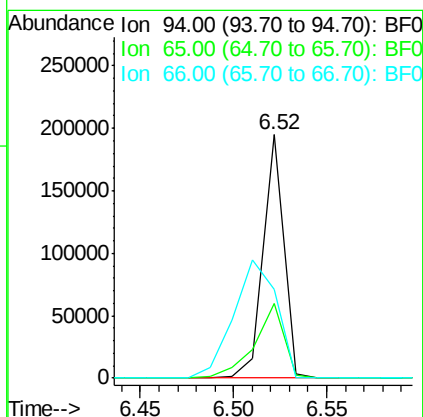
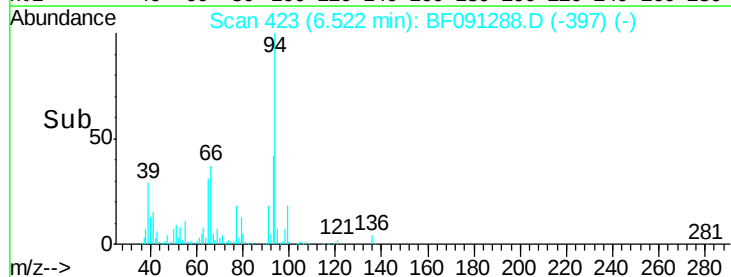
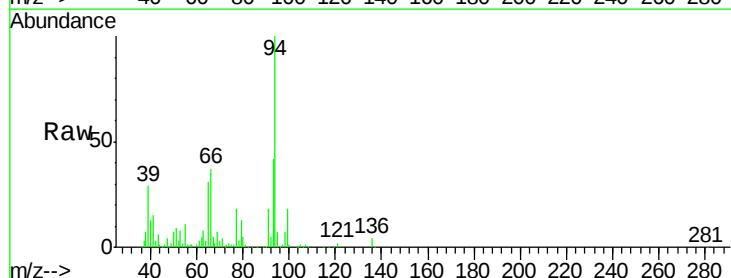
Tgt Ion: 94 Resp: 148123

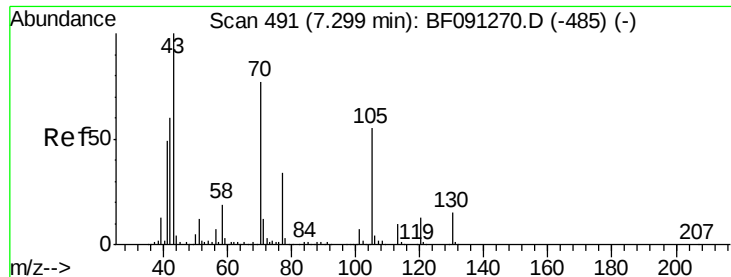
Ion Ratio Lower Upper

94 100

65 30.8 16.9 56.9

66 36.6 30.6 70.6

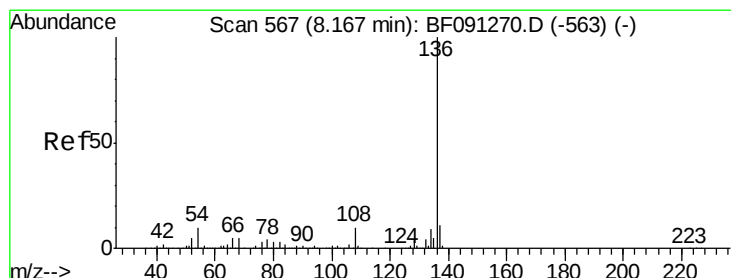
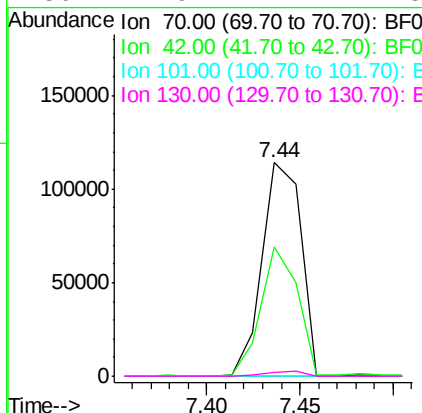
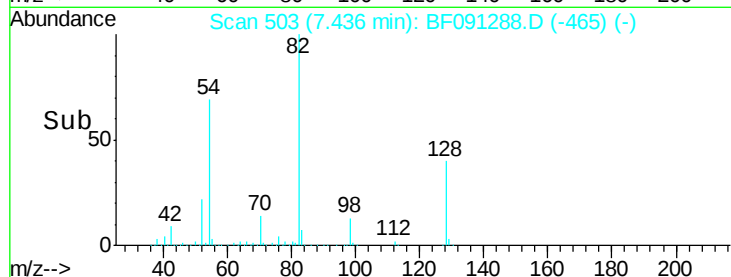
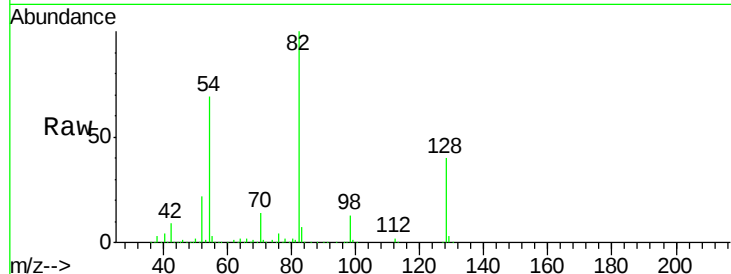




#19
n-Nitroso-di-n-propylamine
Concen: 16.15 ng
RT: 7.44 min Scan# 503
Delta R.T. 0.14 min
Lab File: BF091288.D
Acq: 23 Nov 2016 21:25

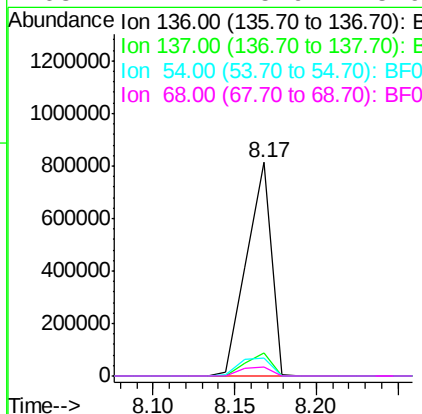
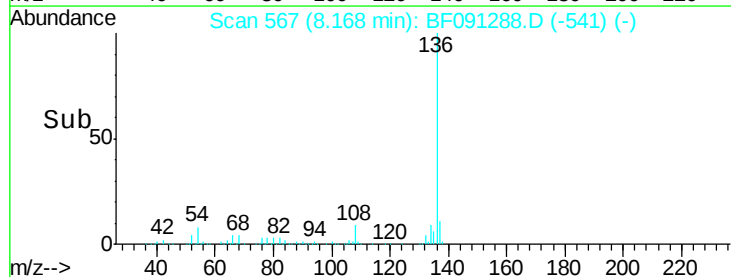
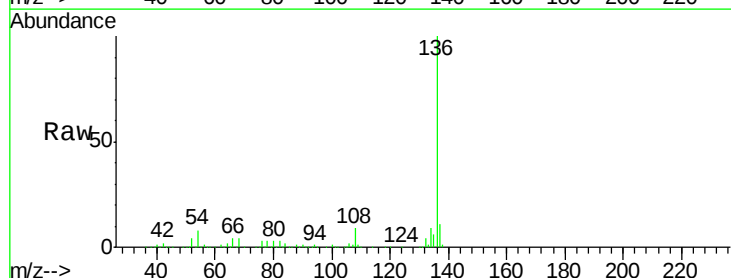
Instrument :
BNA_F
ClientSampleId :
SB-01(4-6)

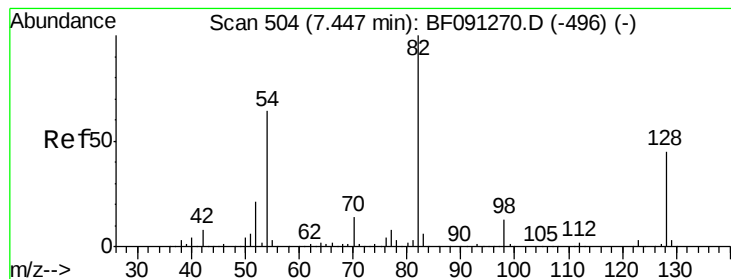
Tgt Ion: 70 Resp: 165202
Ion Ratio Lower Upper
70 100
42 60.7 64.8 97.2#
101 0.0 6.2 9.4#
130 1.9 11.7 17.5#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF091288.D
Acq: 23 Nov 2016 21:25

Tgt Ion: 136 Resp: 855481
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 8.4 9.1 13.7#
68 4.4 5.9 8.9#





#23

Nitrobenzene-d5

Concen: 82.65 ng

RT: 7.44 min Scan# 503

Delta R.T. -0.01 min

Lab File: BF091288.D

Acq: 23 Nov 2016 21:25

Instrument :

BNA_F

ClientSampleId :

SB-01(4-6)

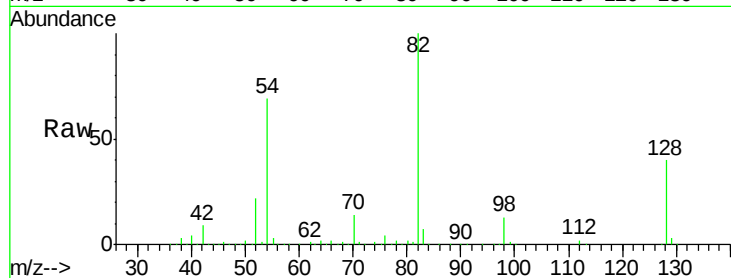
Tgt Ion: 82 Resp: 1228168

Ion Ratio Lower Upper

82 100

128 39.9 31.8 47.6

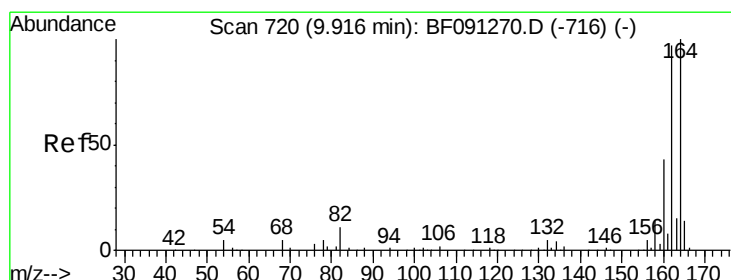
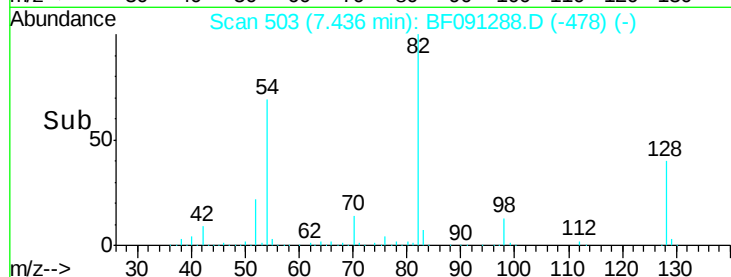
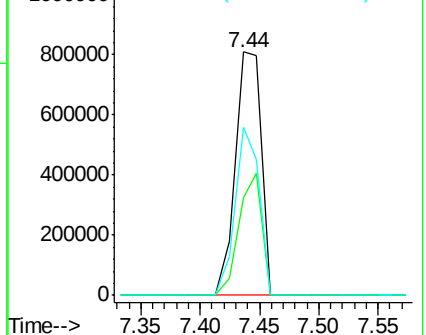
54 69.2 49.1 73.7



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.92 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF091288.D

Acq: 23 Nov 2016 21:25

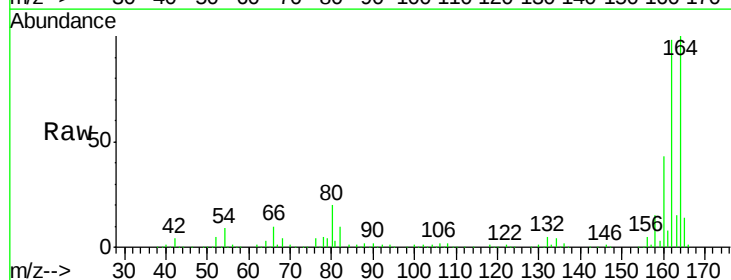
Tgt Ion: 164 Resp: 441669

Ion Ratio Lower Upper

164 100

162 98.3 82.6 124.0

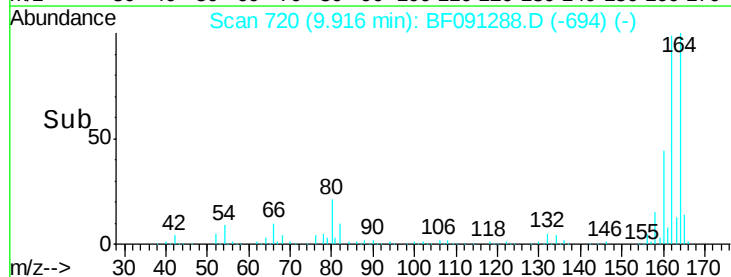
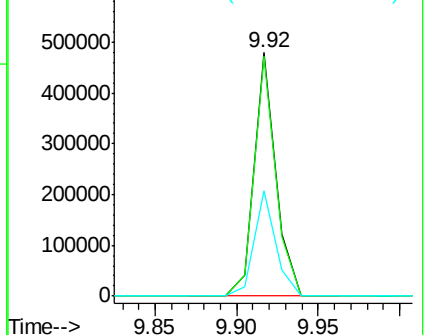
160 43.4 36.7 55.1

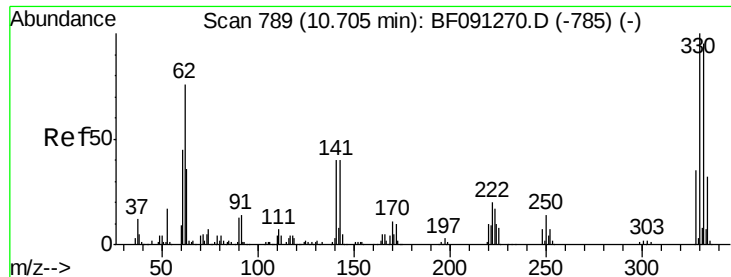


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

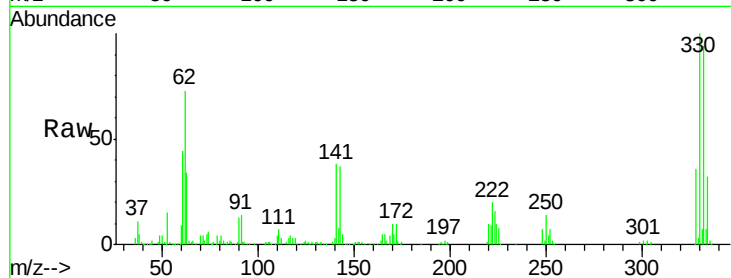




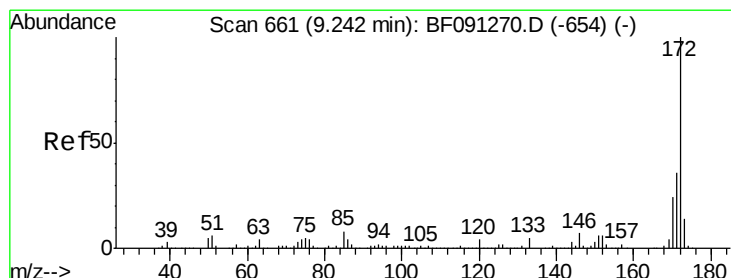
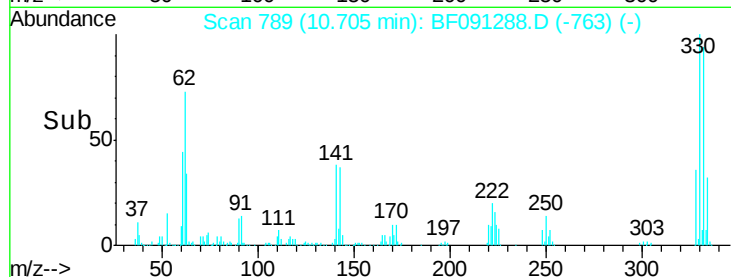
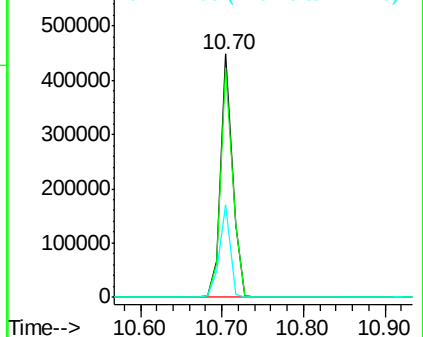
#41
 2,4,6-Tribromophenol
 Concen: 101.23 ng
 RT: 10.70 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF091288.D
 Acq: 23 Nov 2016 21:25

Instrument :
 BNA_F
 ClientSampleId :
 SB-01(4-6)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.2	114.4
141	34.7	33.6	50.4

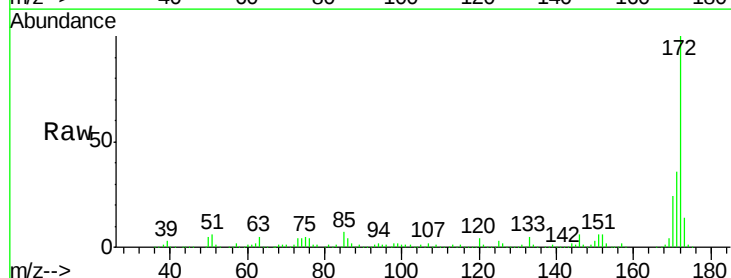


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

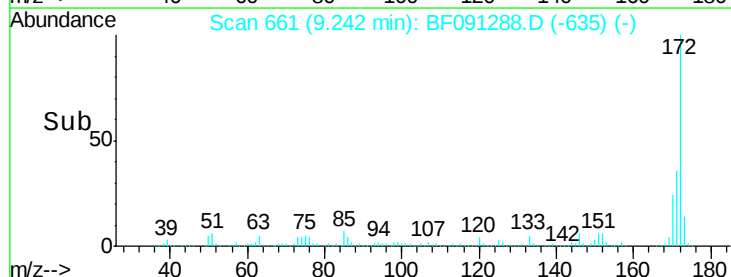
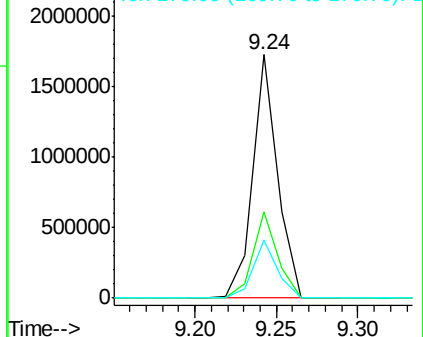


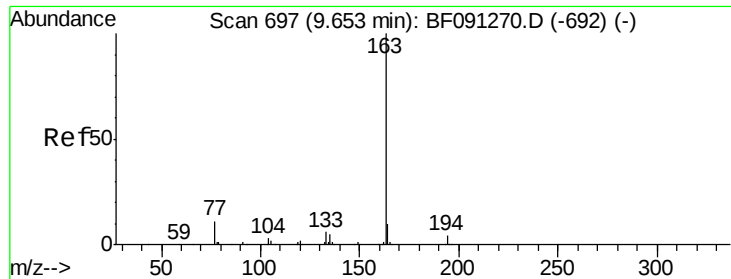
#44
 2-Fluorobiphenyl
 Concen: 67.45 ng
 RT: 9.24 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF091288.D
 Acq: 23 Nov 2016 21:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.4	44.0
170	23.9	19.7	29.5



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

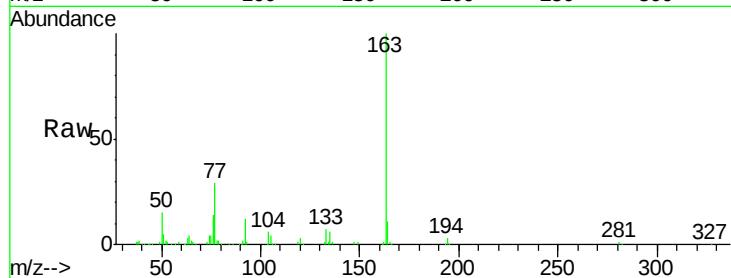




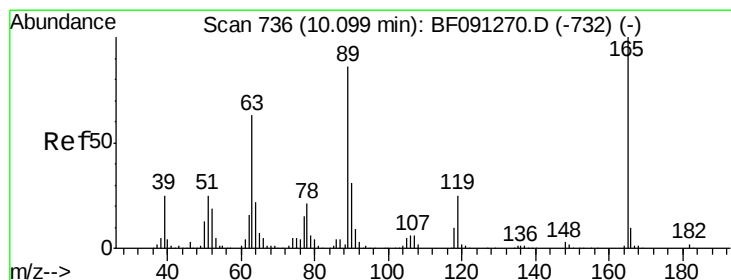
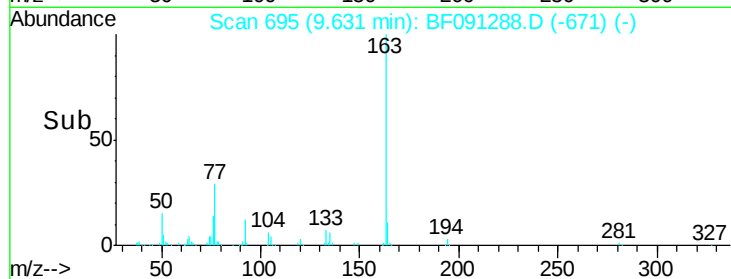
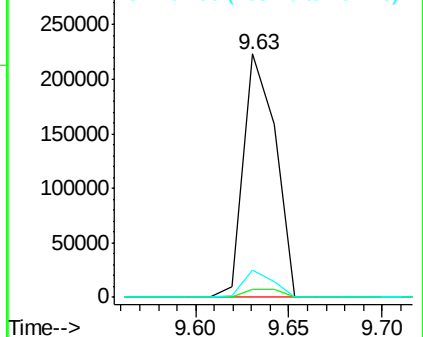
#49
Dimethylphthalate
Concen: 9.78 ng
RT: 9.63 min Scan# 695
Delta R.T. -0.02 min
Lab File: BF091288.D
Acq: 23 Nov 2016 21:25

Instrument :
BNA_F
ClientSampleId :
SB-01(4-6)

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.0	4.4
164	11.1	7.8	11.8

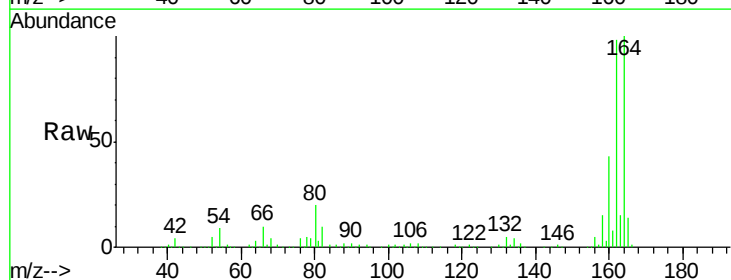


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

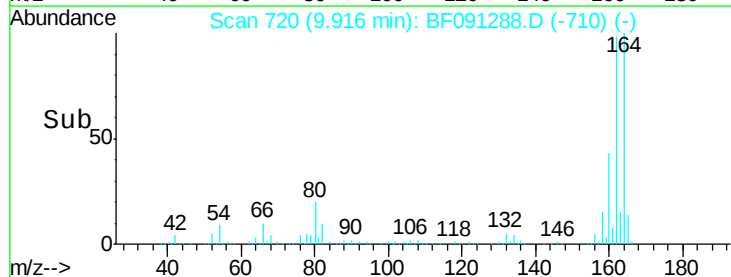
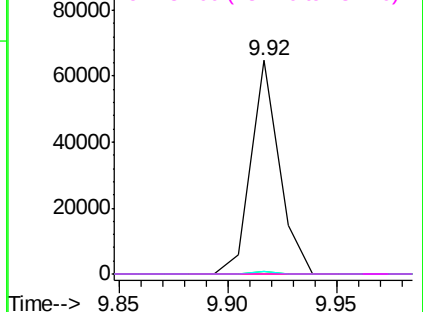


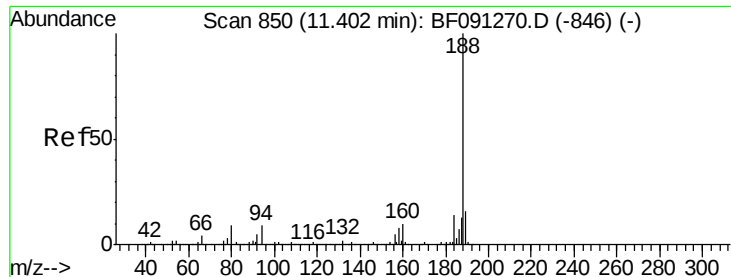
#56
2,4-Dinitrotoluene
Concen: 7.70 ng
RT: 9.92 min Scan# 720
Delta R.T. -0.18 min
Lab File: BF091288.D
Acq: 23 Nov 2016 21:25

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	29.0	43.4#
89	1.1	43.1	64.7#
182	0.0	1.9	2.9#



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

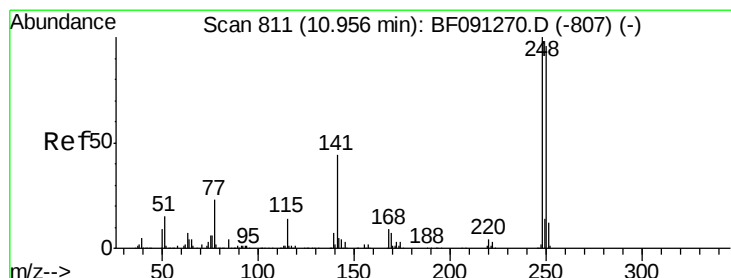
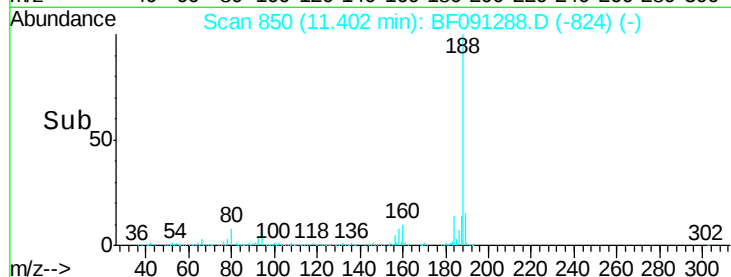
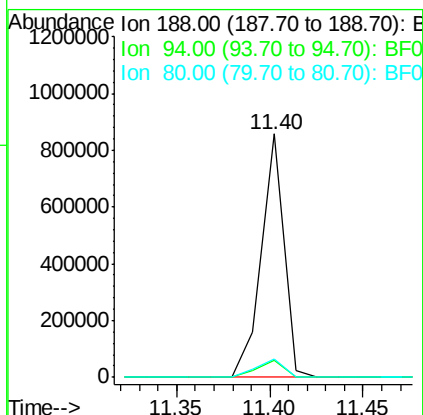
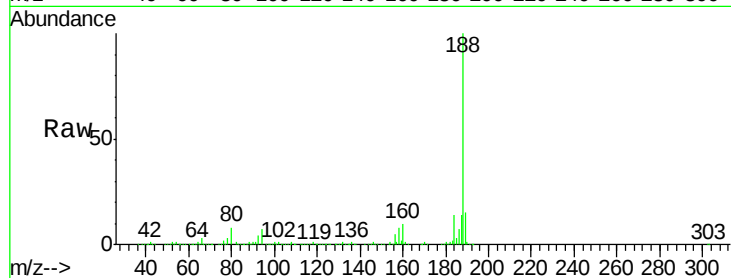




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF091288.D
Acq: 23 Nov 2016 21:25

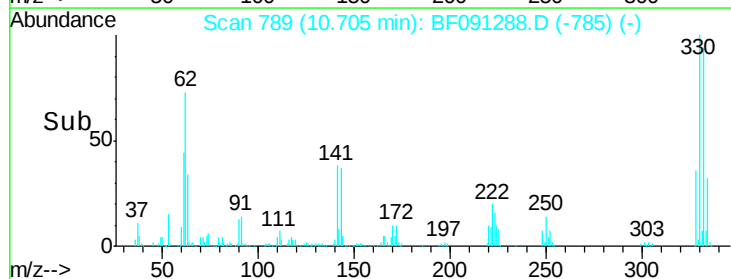
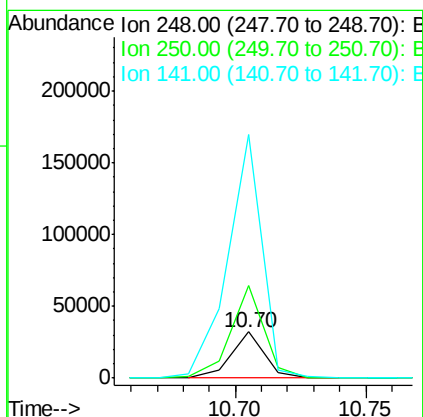
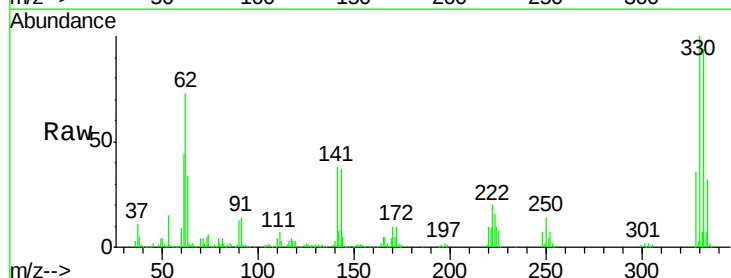
Instrument :
BNA_F
ClientSampleId :
SB-01(4-6)

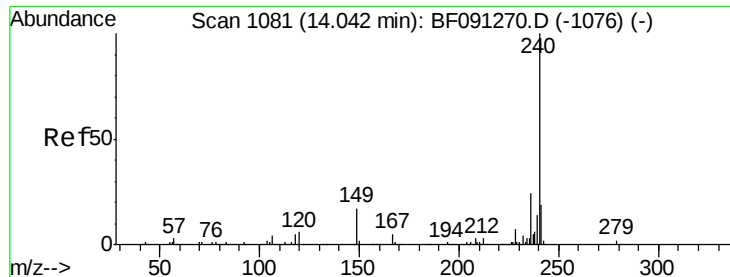
Tgt Ion:188 Resp: 719850
Ion Ratio Lower Upper
188 100
94 7.1 9.2 13.8#
80 7.6 10.5 15.7#



#66
4-Bromophenyl-phenylether
Concen: 3.64 ng
RT: 10.70 min Scan# 789
Delta R.T. -0.25 min
Lab File: BF091288.D
Acq: 23 Nov 2016 21:25

Tgt Ion:248 Resp: 28648
Ion Ratio Lower Upper
248 100
250 201.8 78.2 117.4#
141 530.2 71.9 107.9#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 1080

Delta R.T. -0.01 min

Lab File: BF091288.D

Acq: 23 Nov 2016 21:25

Instrument :

BNA_F

ClientSampleId :

SB-01(4-6)

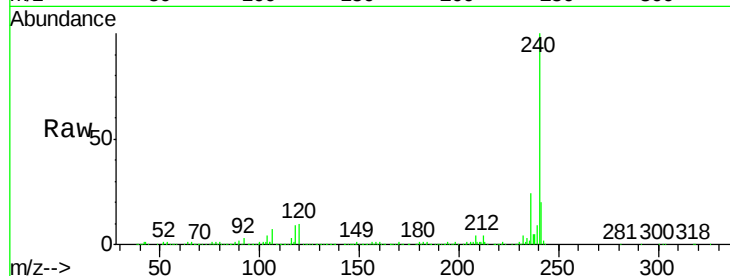
Tgt Ion:240 Resp: 493488

Ion Ratio Lower Upper

240 100

120 10.4 12.1 18.1#

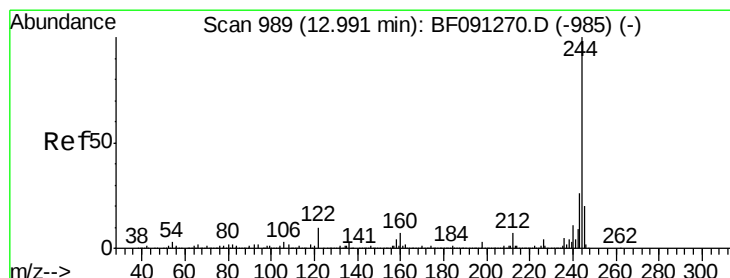
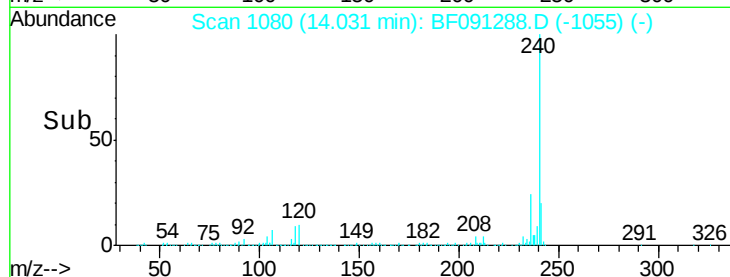
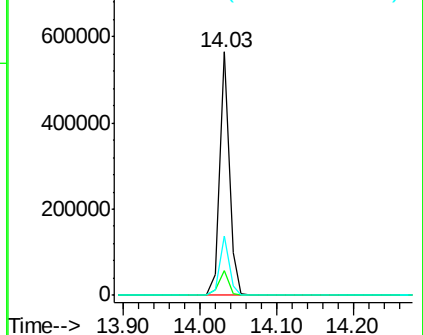
236 24.3 21.0 31.6



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: 69.91 ng

RT: 12.99 min Scan# 989

Delta R.T. 0.00 min

Lab File: BF091288.D

Acq: 23 Nov 2016 21:25

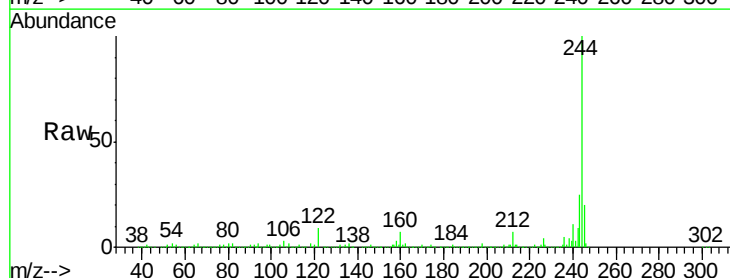
Tgt Ion:244 Resp: 1510628

Ion Ratio Lower Upper

244 100

212 7.2 6.5 9.7

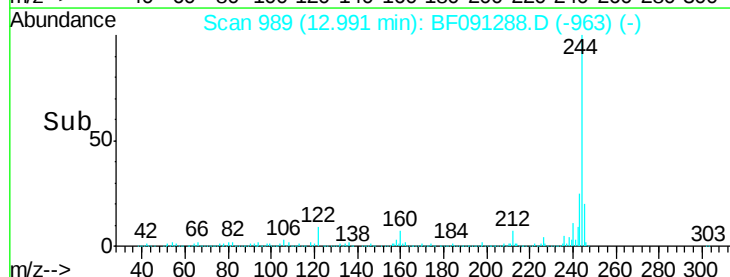
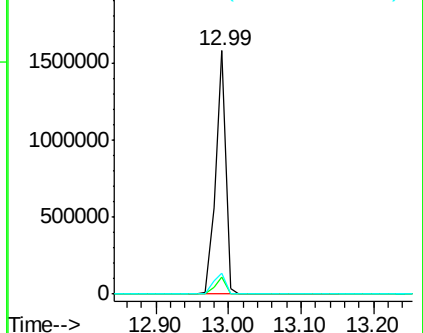
122 8.7 9.5 14.3#

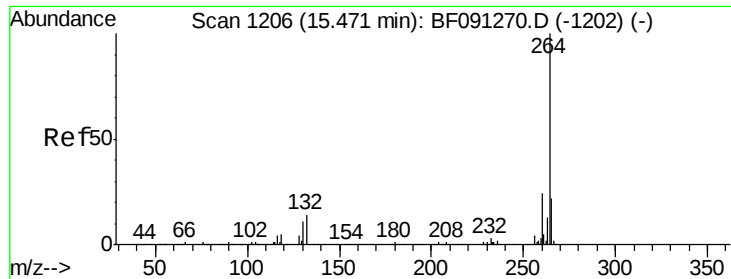


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.47 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BF091288.D
Acq: 23 Nov 2016 21:25

Instrument :
BNA_F
ClientSampleId :
SB-01(4-6)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.8	28.2
265	22.3	17.0	25.6

