

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
 Data File : BF091295.D
 Acq On : 24 Nov 2016 00:38
 Operator : UM/SJ
 Sample : H5740-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-05(6.8-7.8)

Quant Time: Nov 24 01:06:10 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

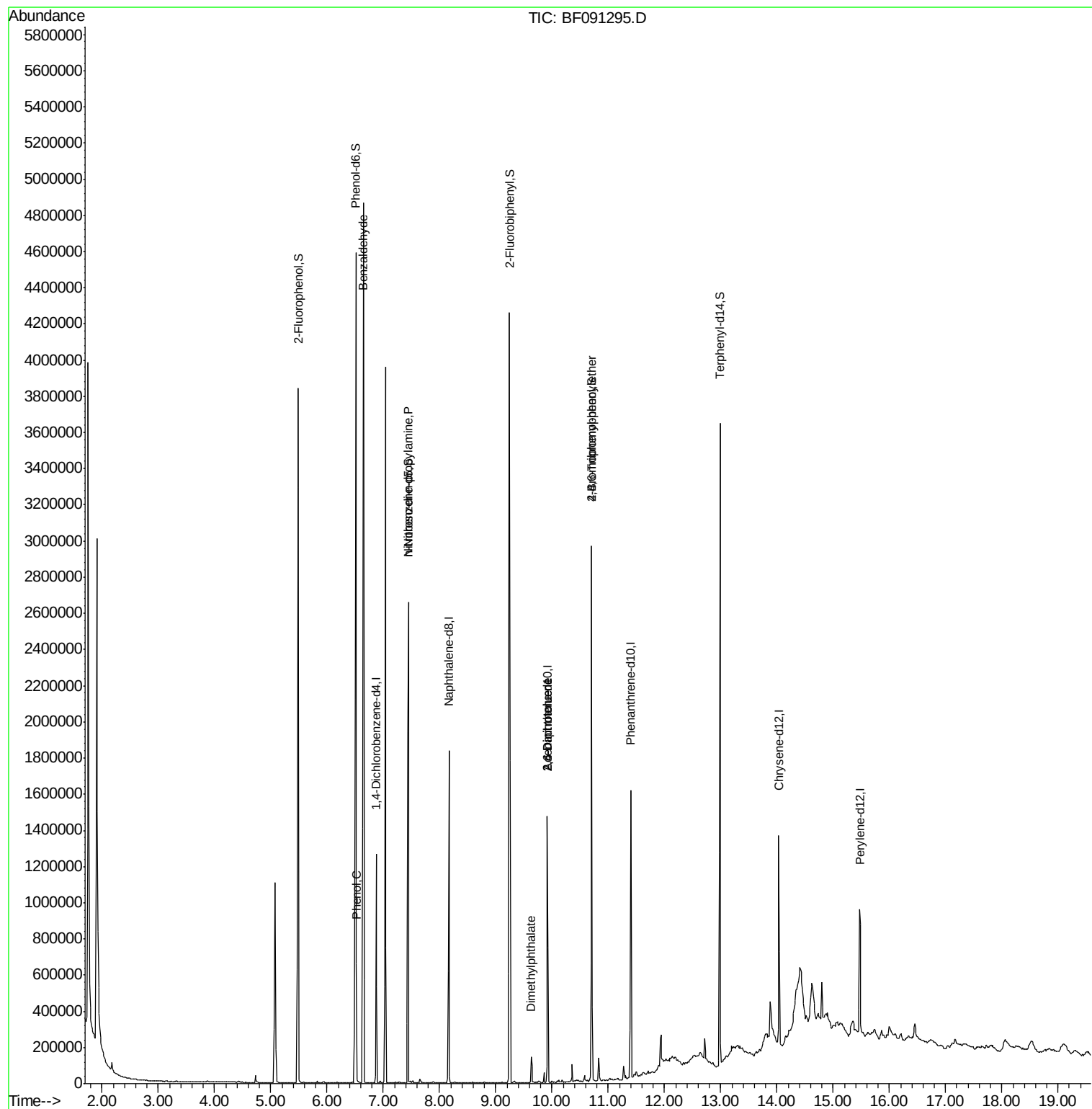
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	198184	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	824041	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	388657	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	554712	20.00	ng	0.00
75) Chrysene-d12	14.03	240	469557	20.00	ng	-0.01
86) Perylene-d12	15.47	264	399224	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1385118	112.29	ng	0.02
7) Phenol-d6	6.51	99	1558393	98.33	ng	0.01
23) Nitrobenzene-d5	7.45	82	1095352	76.52	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	330862	84.42	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1560064	65.73	ng	0.00
78) Terphenyl-d14	12.99	244	1147196	55.80	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.65	77	30353	2.54	ng	84
10) Phenol	6.52	94	119533	6.76	ng	87
19) n-Nitroso-di-n-propylamine	7.45	70	149820	15.07	ng	# 67
49) Dimethylphthalate	9.63	163	70317	2.90	ng	# 95
50) 2,6-Dinitrotoluene	9.92	165	48745	9.20	ng	# 17
56) 2,4-Dinitrotoluene	9.92	165	48747	7.27	ng	# 34
66) 4-Bromophenyl-phenylether	10.70	248	20987	3.46	ng	# 1

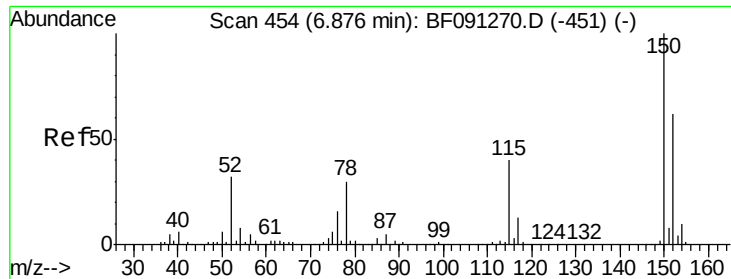
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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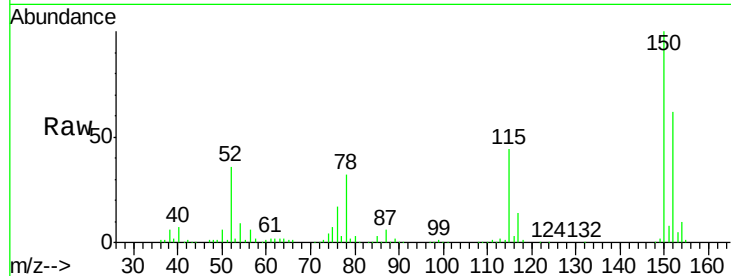




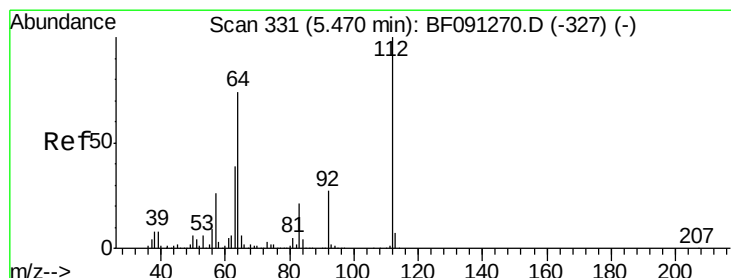
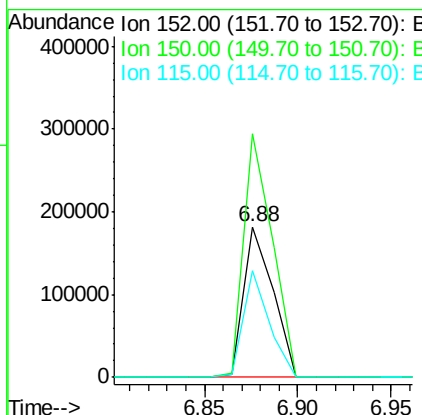
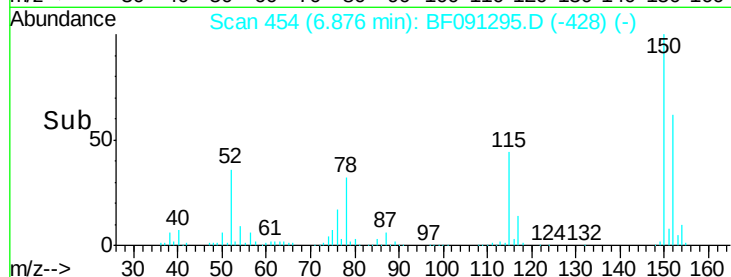
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.88 min Scan# 454
 Delta R.T. 0.00 min
 Lab File: BF091295.D
 Acq: 24 Nov 2016 00:38

Instrument :
 BNA_F
 ClientSampleId :
 SB-05(6.8-7.8)

Tgt Ion:152 Resp: 198184
 Ion Ratio Lower Upper
 152 100
 150 161.5 122.5 183.7
 115 71.1 51.8 77.8

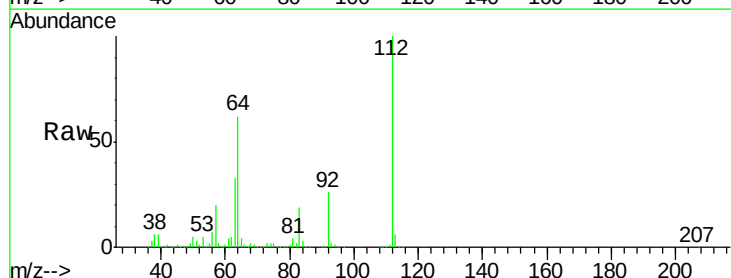


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

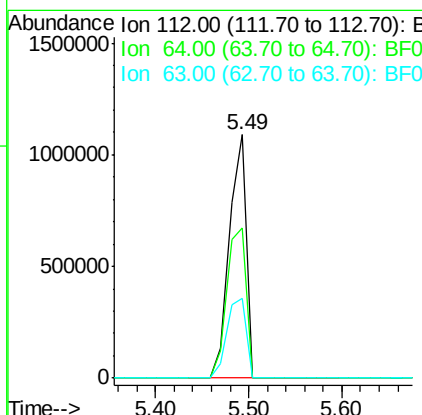
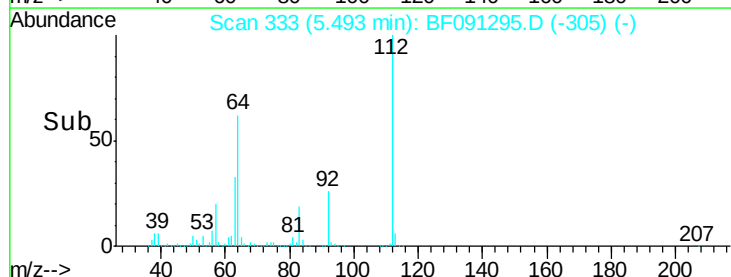


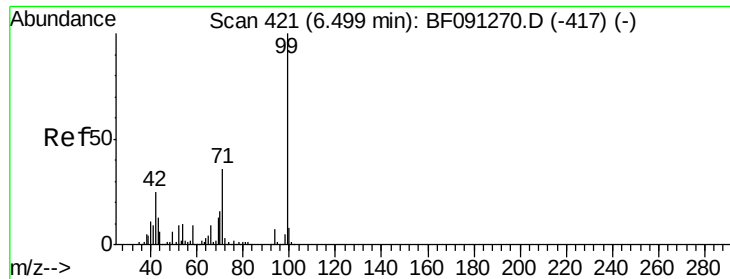
#5
 2-Fluorophenol
 Concen: 112.29 ng
 RT: 5.49 min Scan# 333
 Delta R.T. 0.02 min
 Lab File: BF091295.D
 Acq: 24 Nov 2016 00:38

Tgt Ion:112 Resp: 1385118
 Ion Ratio Lower Upper
 112 100
 64 61.6 61.5 92.3
 63 33.0 33.3 49.9#



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: 98.33 ng

RT: 6.51 min Scan# 422

Delta R.T. 0.01 min

Lab File: BF091295.D

Acq: 24 Nov 2016 00:38

Instrument :

BNA_F

ClientSampleId :

SB-05(6.8-7.8)

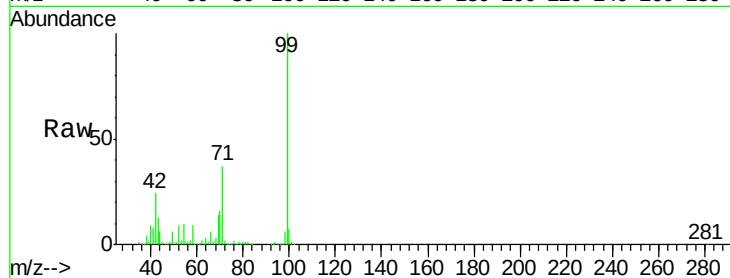
Tgt Ion: 99 Resp: 1558393

Ion Ratio Lower Upper

99 100

42 23.8 20.6 31.0

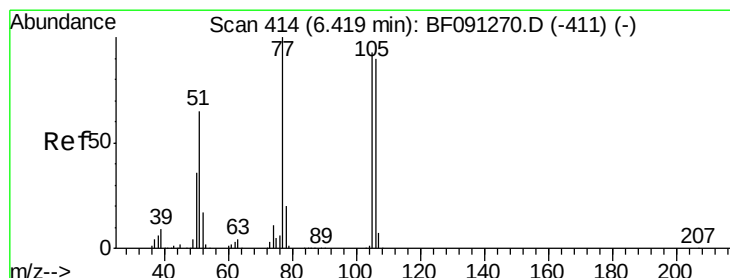
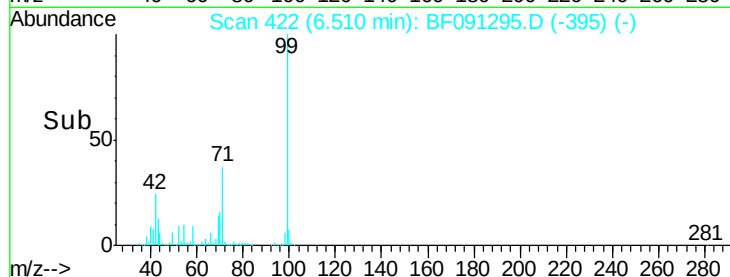
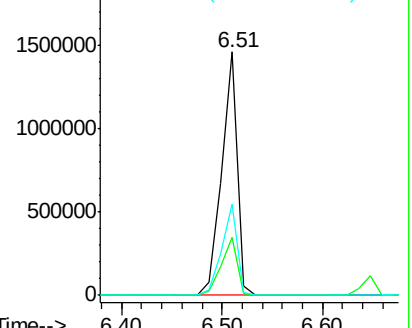
71 37.3 29.9 44.9



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: 2.54 ng

RT: 6.65 min Scan# 434

Delta R.T. 0.23 min

Lab File: BF091295.D

Acq: 24 Nov 2016 00:38

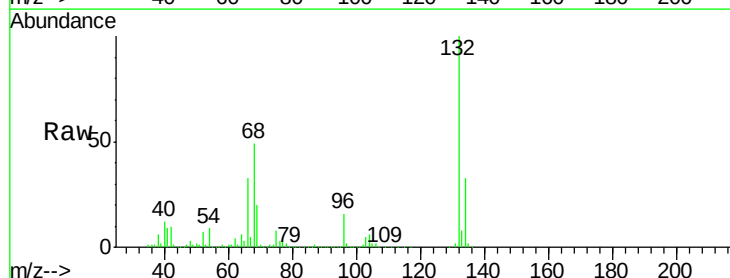
Tgt Ion: 77 Resp: 30353

Ion Ratio Lower Upper

77 100

105 70.2 66.4 106.4

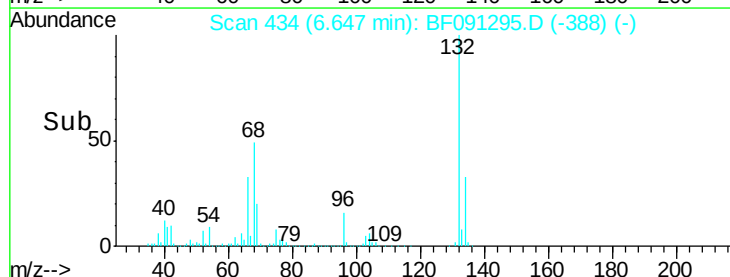
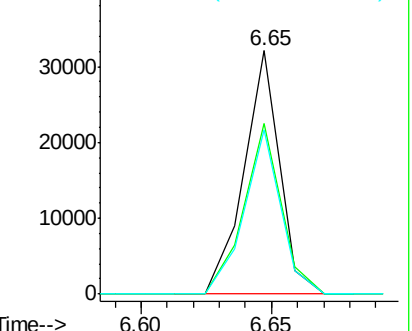
106 67.5 60.9 100.9

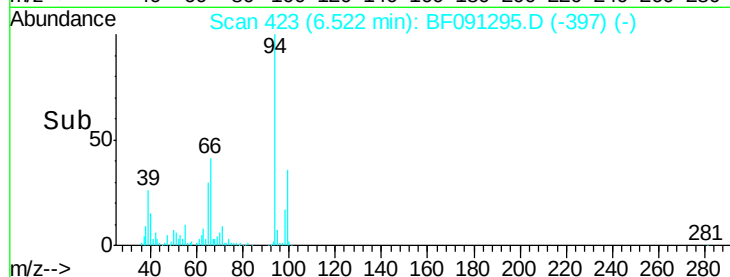
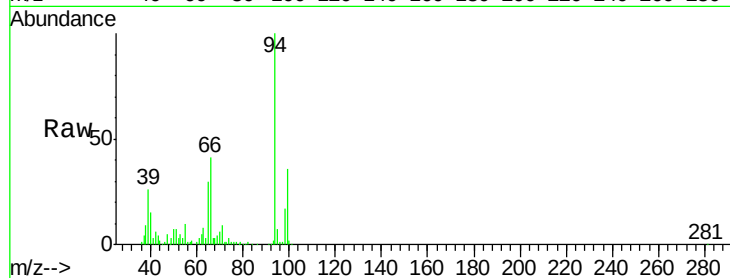
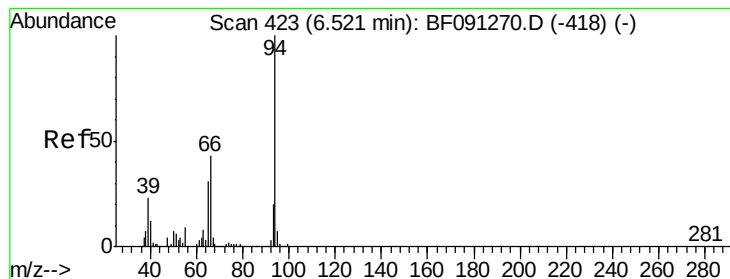


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0





#10

Phenol

Concen: 6.76 ng

RT: 6.52 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF091295.D

Acq: 24 Nov 2016 00:38

Instrument :

BNA_F

ClientSampleId :

SB-05(6.8-7.8)

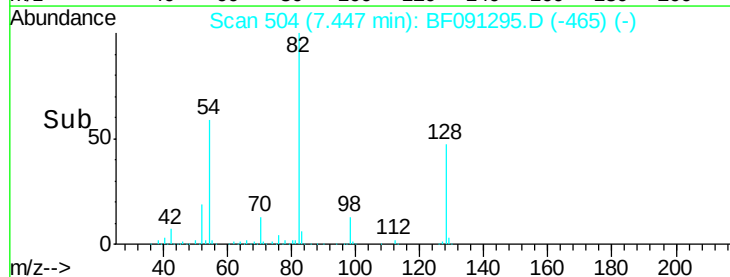
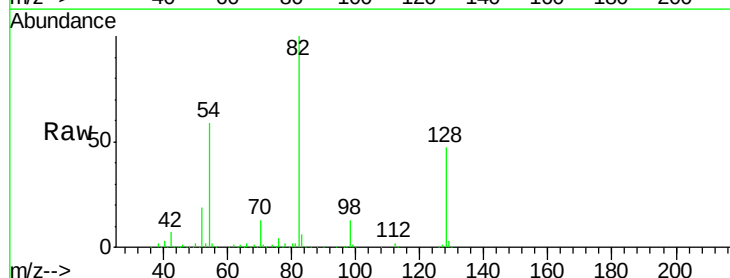
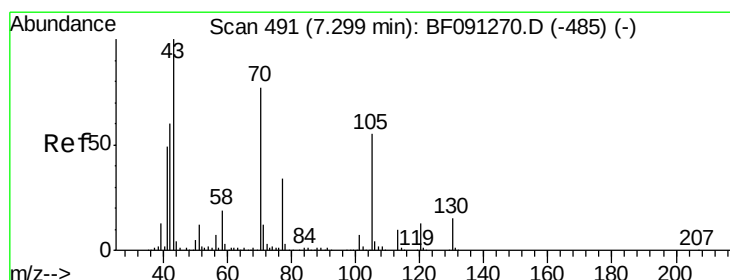
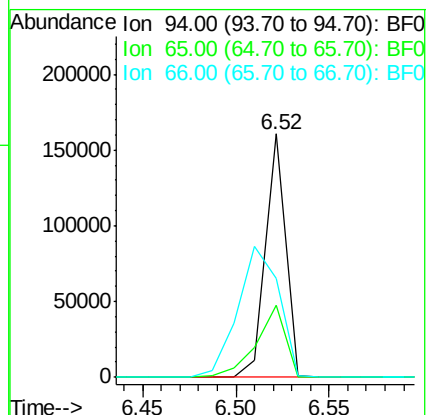
Tgt Ion: 94 Resp: 119533

Ion Ratio Lower Upper

94 100

65 29.8 16.9 56.9

66 40.9 30.6 70.6



#19

n-Nitroso-di-n-propylamine

Concen: 15.07 ng

RT: 7.45 min Scan# 504

Delta R.T. 0.15 min

Lab File: BF091295.D

Acq: 24 Nov 2016 00:38

Tgt Ion: 70 Resp: 149820

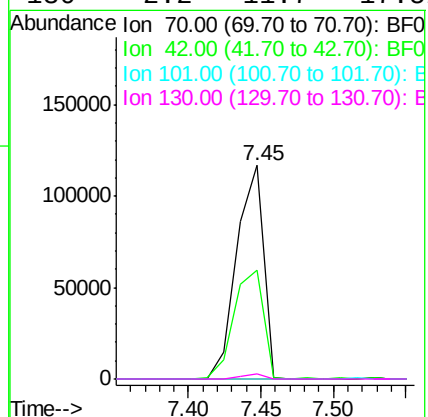
Ion Ratio Lower Upper

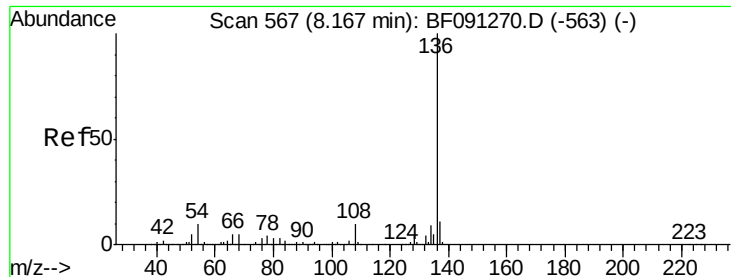
70 100

42 50.8 64.8 97.2#

101 0.0 6.2 9.4#

130 2.2 11.7 17.5#

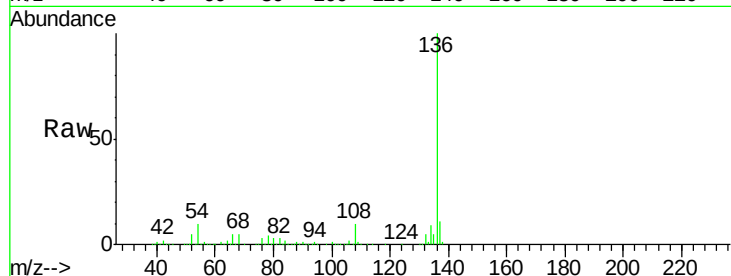




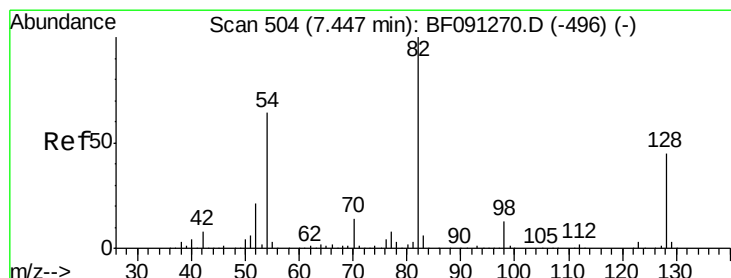
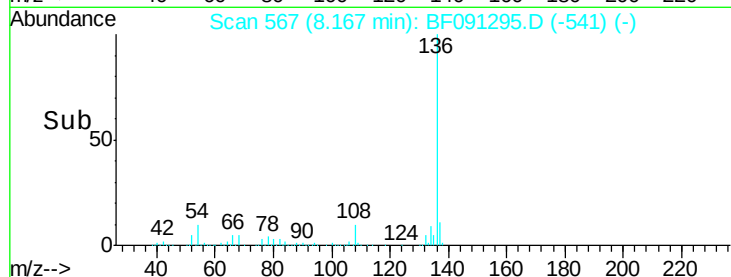
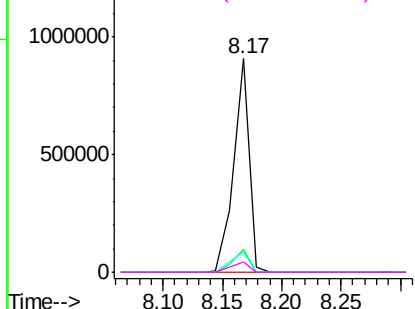
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF091295.D
Acq: 24 Nov 2016 00:38

Instrument :
BNA_F
ClientSampleId :
SB-05(6.8-7.8)

Tgt Ion:	136	Resp:	824041
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	9.6	9.1	13.7
68	4.9	5.9	8.9#

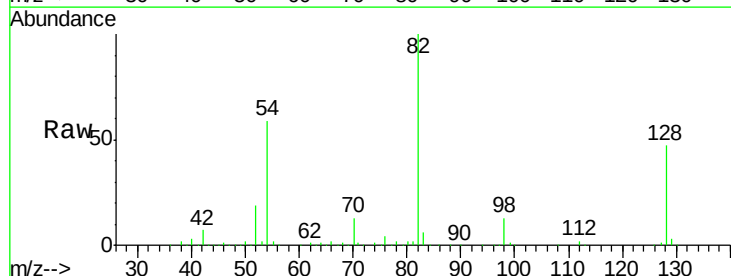


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

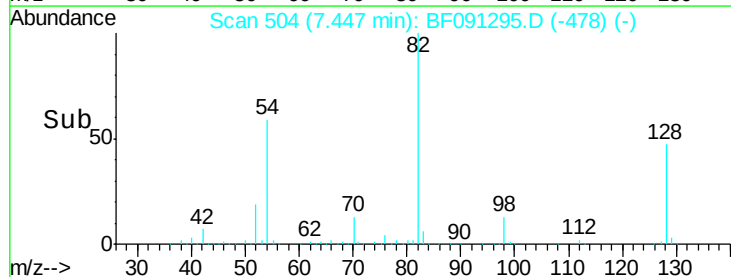
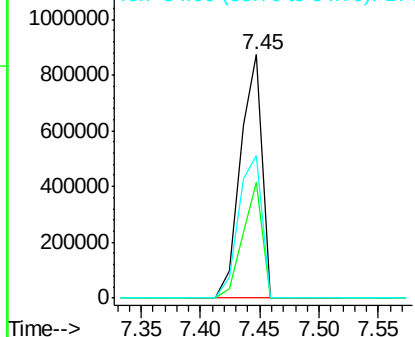


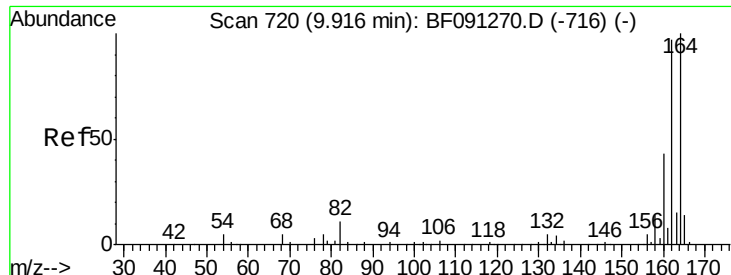
#23
Nitrobenzene-d5
Concen: 76.52 ng
RT: 7.45 min Scan# 504
Delta R.T. 0.00 min
Lab File: BF091295.D
Acq: 24 Nov 2016 00:38

Tgt Ion:	82	Resp:	1095352
Ion	Ratio	Lower	Upper
82	100		
128	47.4	31.8	47.6
54	58.5	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

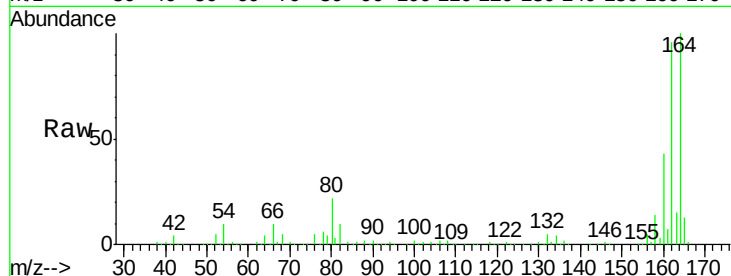




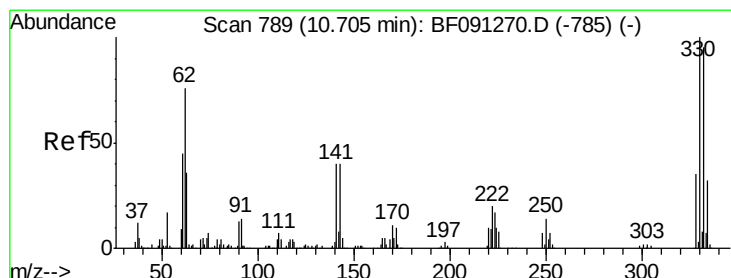
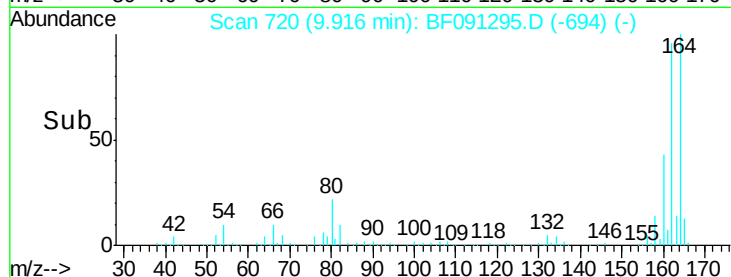
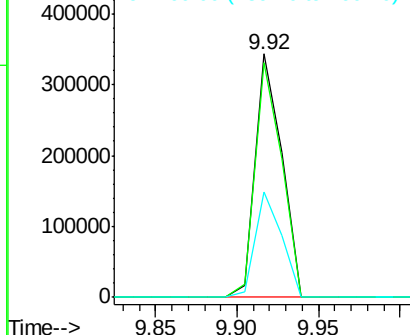
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF091295.D
Acq: 24 Nov 2016 00:38

Instrument :
BNA_F
ClientSampleId :
SB-05(6.8-7.8)

Tgt Ion:164 Resp: 388657
Ion Ratio Lower Upper
164 100
162 96.5 82.6 124.0
160 43.1 36.7 55.1

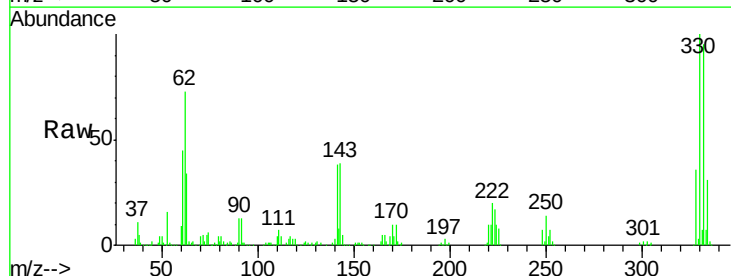


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

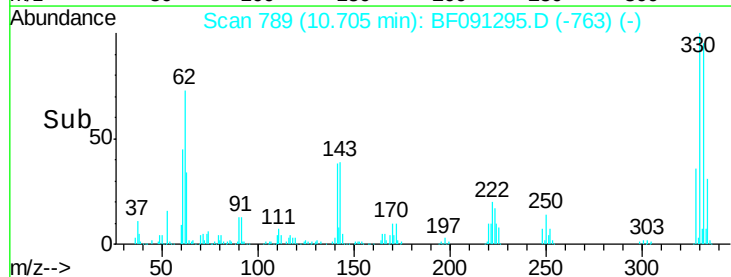
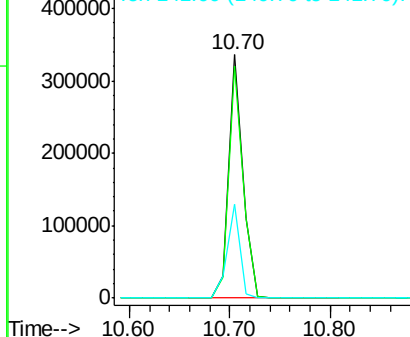


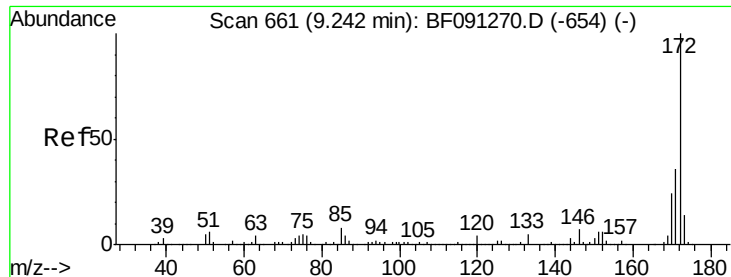
#41
2,4,6-Tribromophenol
Concen: 84.42 ng
RT: 10.70 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF091295.D
Acq: 24 Nov 2016 00:38

Tgt Ion:330 Resp: 330862
Ion Ratio Lower Upper
330 100
332 96.1 76.2 114.4
141 34.4 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

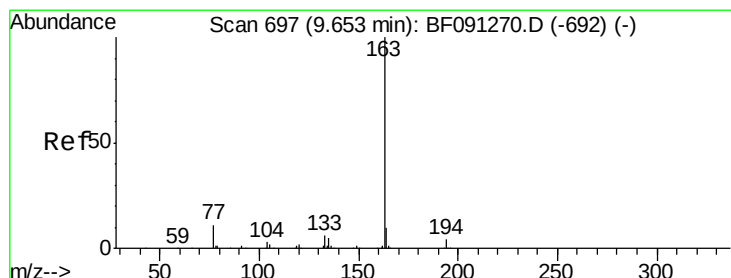
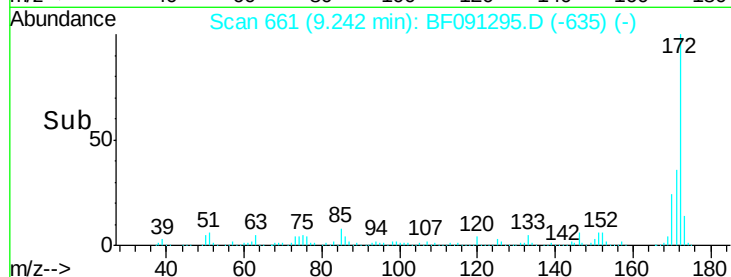
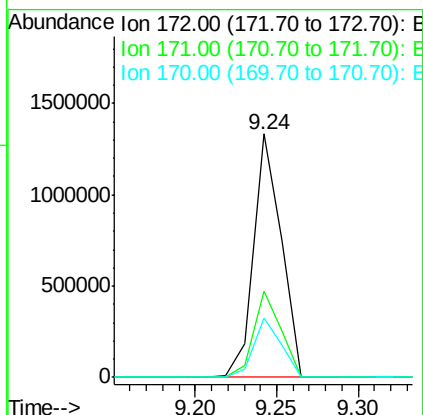
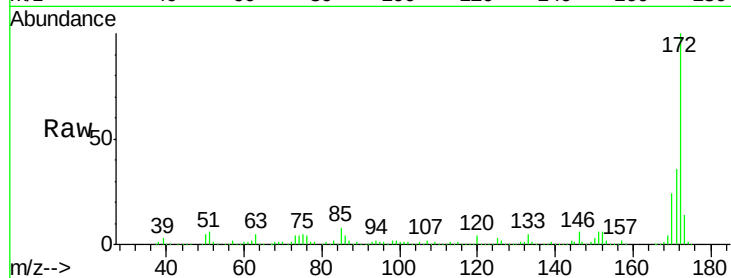




#44
 2-Fluorobiphenyl
 Concen: 65.73 ng
 RT: 9.24 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF091295.D
 Acq: 24 Nov 2016 00:38

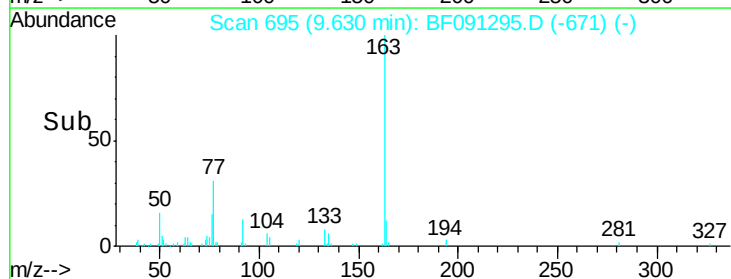
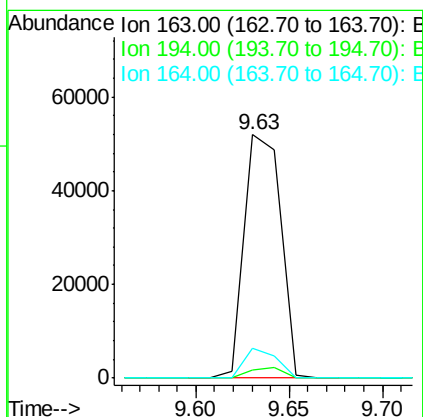
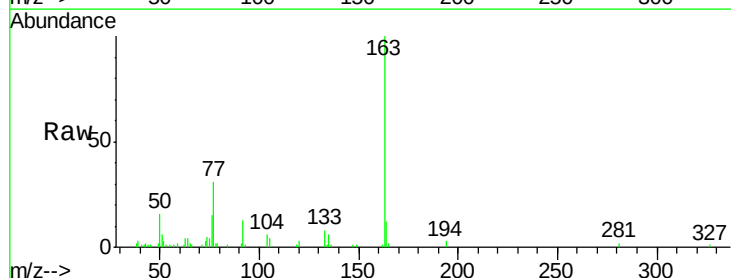
Instrument :
 BNA_F
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 SB-05(6.8-7.8)

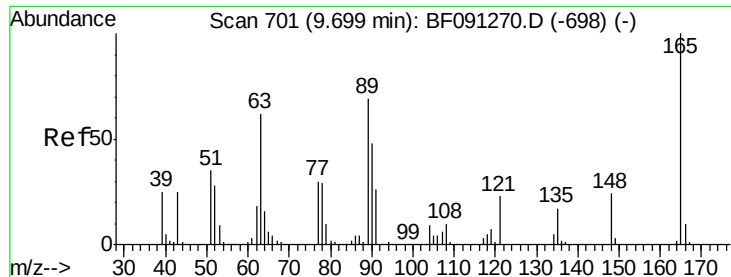
Tgt Ion:172 Resp: 1560064
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.4 44.0
 170 24.3 19.7 29.5



#49
 Dimethylphthalate
 Concen: 2.90 ng
 RT: 9.63 min Scan# 695
 Delta R.T. -0.02 min
 Lab File: BF091295.D
 Acq: 24 Nov 2016 00:38

Tgt Ion:163 Resp: 70317
 Ion Ratio Lower Upper
 163 100
 194 3.4 3.0 4.4
 164 12.1 7.8 11.8#

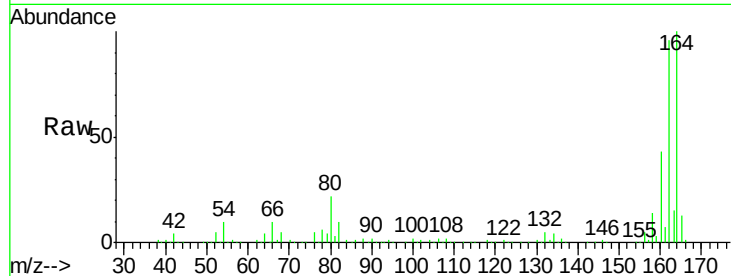




#50
 2,6-Dinitrotoluene
 Concen: 9.20 ng
 RT: 9.92 min Scan# 720
 Delta R.T. 0.22 min
 Lab File: BF091295.D
 Acq: 24 Nov 2016 00:38

Instrument :
 BNA_F
 ClientSampleId :
 SB-05(6.8-7.8)

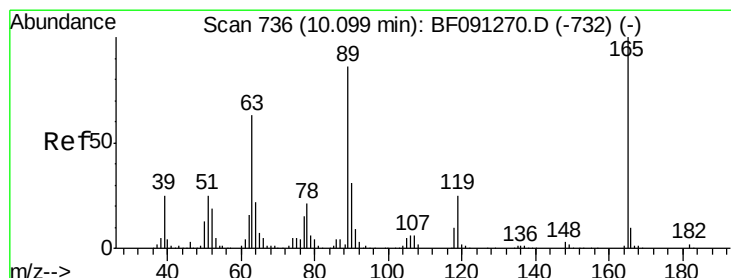
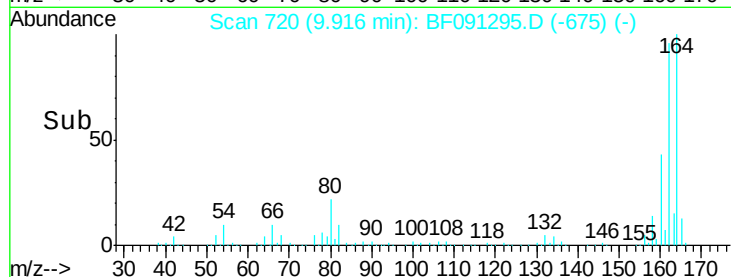
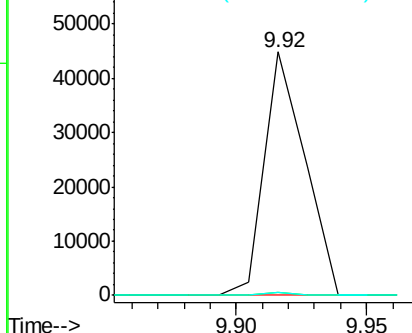
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	59.4	89.0#
89	1.3	50.8	76.2#



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: 7.27 ng
 RT: 9.92 min Scan# 720
 Delta R.T. -0.18 min
 Lab File: BF091295.D
 Acq: 24 Nov 2016 00:38

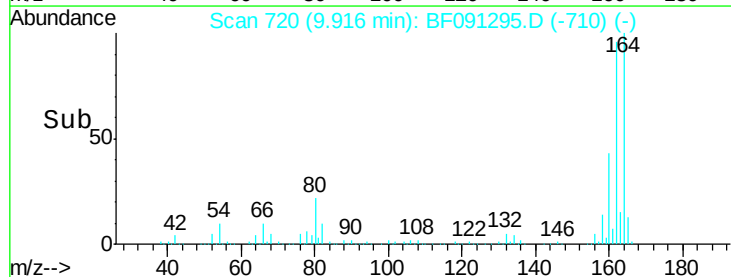
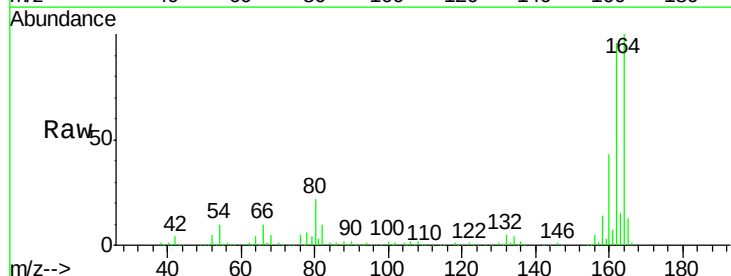
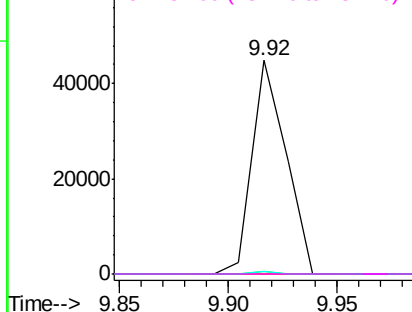
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	29.0	43.4#
89	1.3	43.1	64.7#
182	0.0	1.9	2.9#

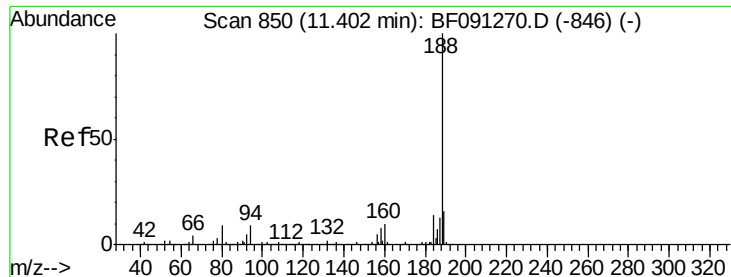
Abundance Ion 165.00 (164.70 to 165.70): E

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

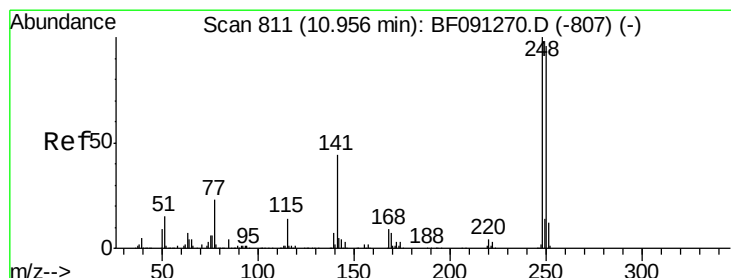
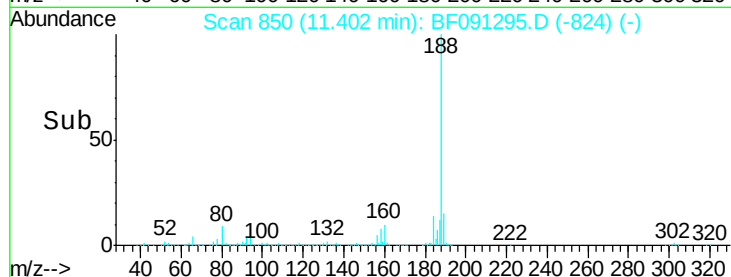
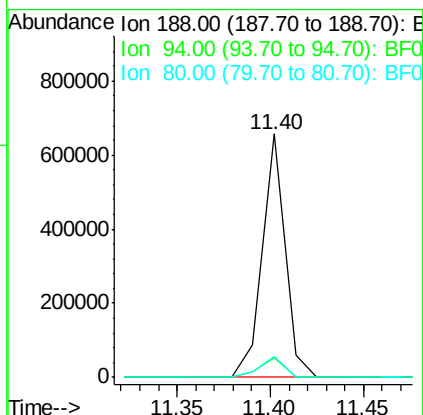
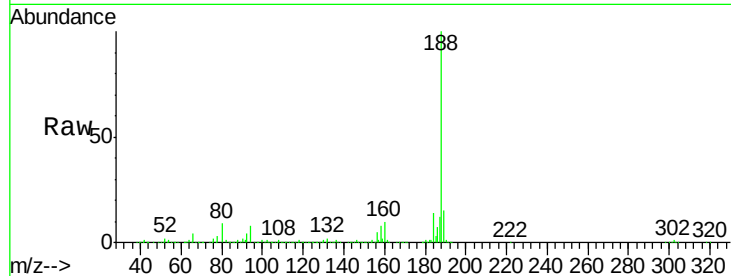




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF091295.D
Acq: 24 Nov 2016 00:38

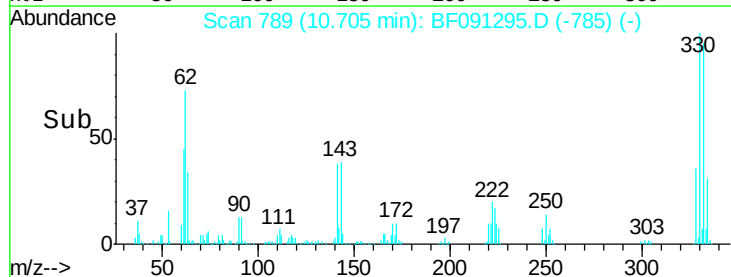
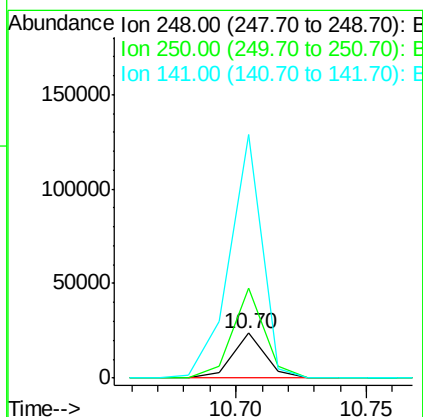
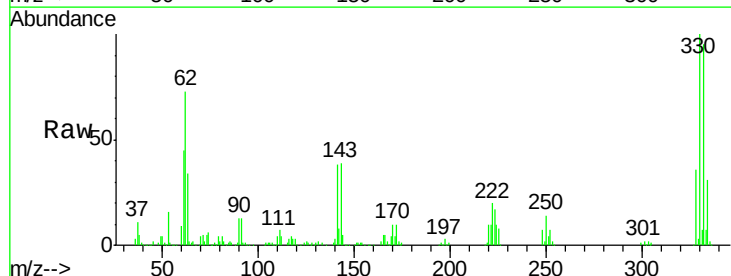
Instrument :
BNA_F
ClientSampleId :
SB-05(6.8-7.8)

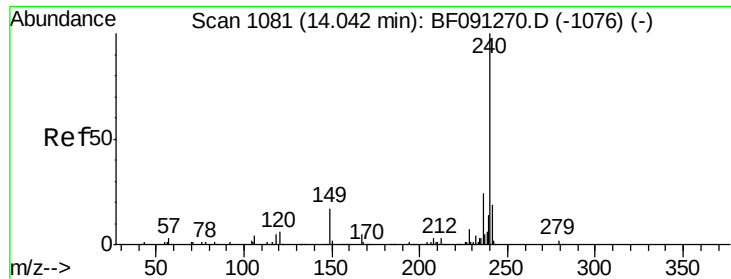
Tgt Ion:188 Resp: 554712
Ion Ratio Lower Upper
188 100
94 8.0 9.2 13.8#
80 8.7 10.5 15.7#



#66
4-Bromophenyl-phenylether
Concen: 3.46 ng
RT: 10.70 min Scan# 789
Delta R.T. -0.25 min
Lab File: BF091295.D
Acq: 24 Nov 2016 00:38

Tgt Ion:248 Resp: 20987
Ion Ratio Lower Upper
248 100
250 199.9 78.2 117.4#
141 539.6 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: BF091295.D

Acq: 24 Nov 2016 00:38

Instrument :

BNA_F

ClientSampleId :

SB-05(6.8-7.8)

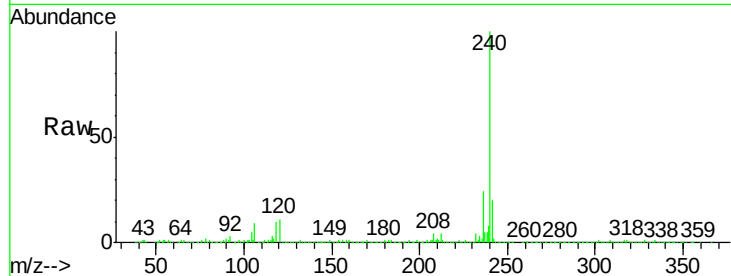
Tgt Ion:240 Resp: 469557

Ion Ratio Lower Upper

240 100

120 11.5 12.1 18.1#

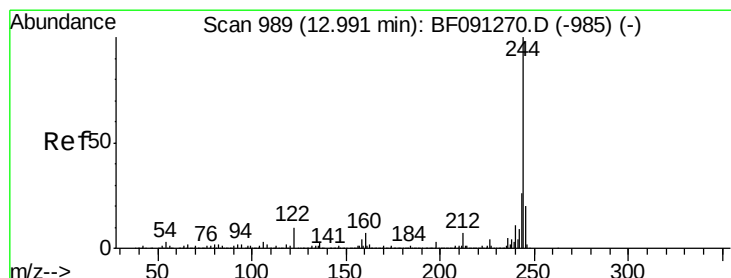
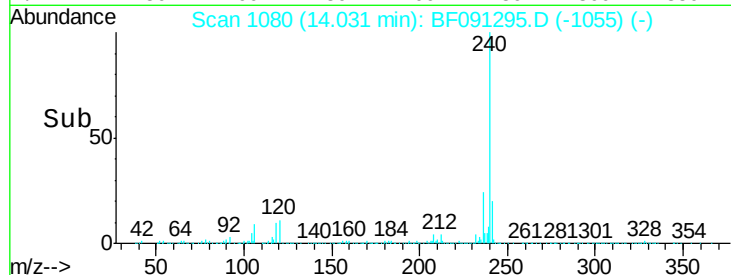
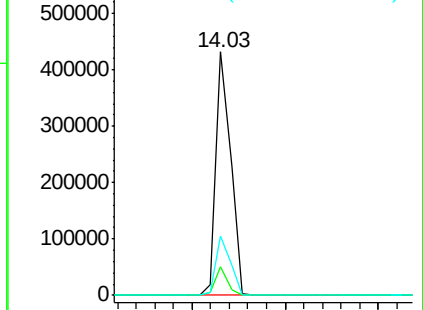
236 24.5 21.0 31.6



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: 55.80 ng

RT: 12.99 min Scan# 989

Delta R.T. 0.00 min

Lab File: BF091295.D

Acq: 24 Nov 2016 00:38

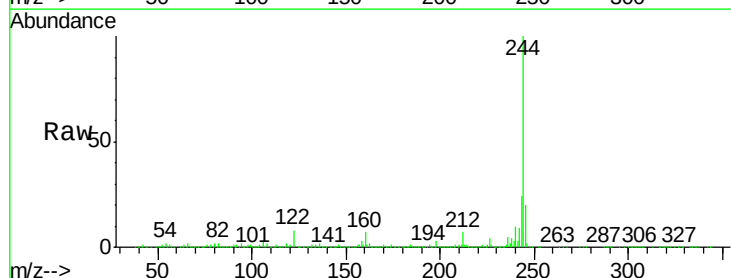
Tgt Ion:244 Resp: 1147196

Ion Ratio Lower Upper

244 100

212 7.0 6.5 9.7

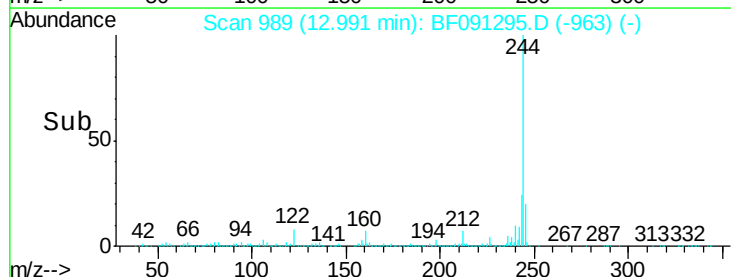
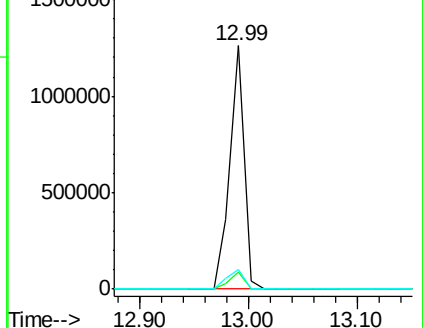
122 8.2 9.5 14.3#

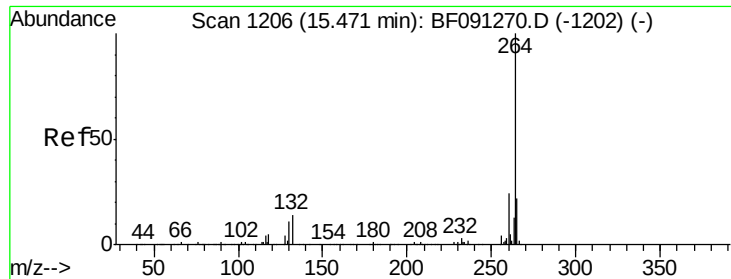


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

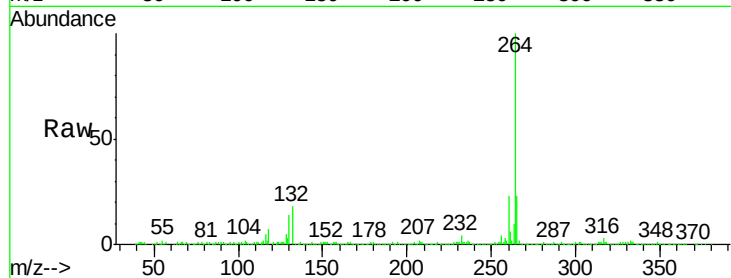




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.47 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BF091295.D
Acq: 24 Nov 2016 00:38

Instrument :
BNA_F
ClientSampleId :
SB-05(6.8-7.8)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.8	28.2
265	22.8	17.0	25.6



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

