

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121616\
 Data File : BF091681.D
 Acq On : 16 Dec 2016 19:09
 Operator : UM/SJ
 Sample : H6099-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS02-1FT

Quant Time: Dec 16 22:01:33 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 00:35:41 2016
 Response via : Initial Calibration

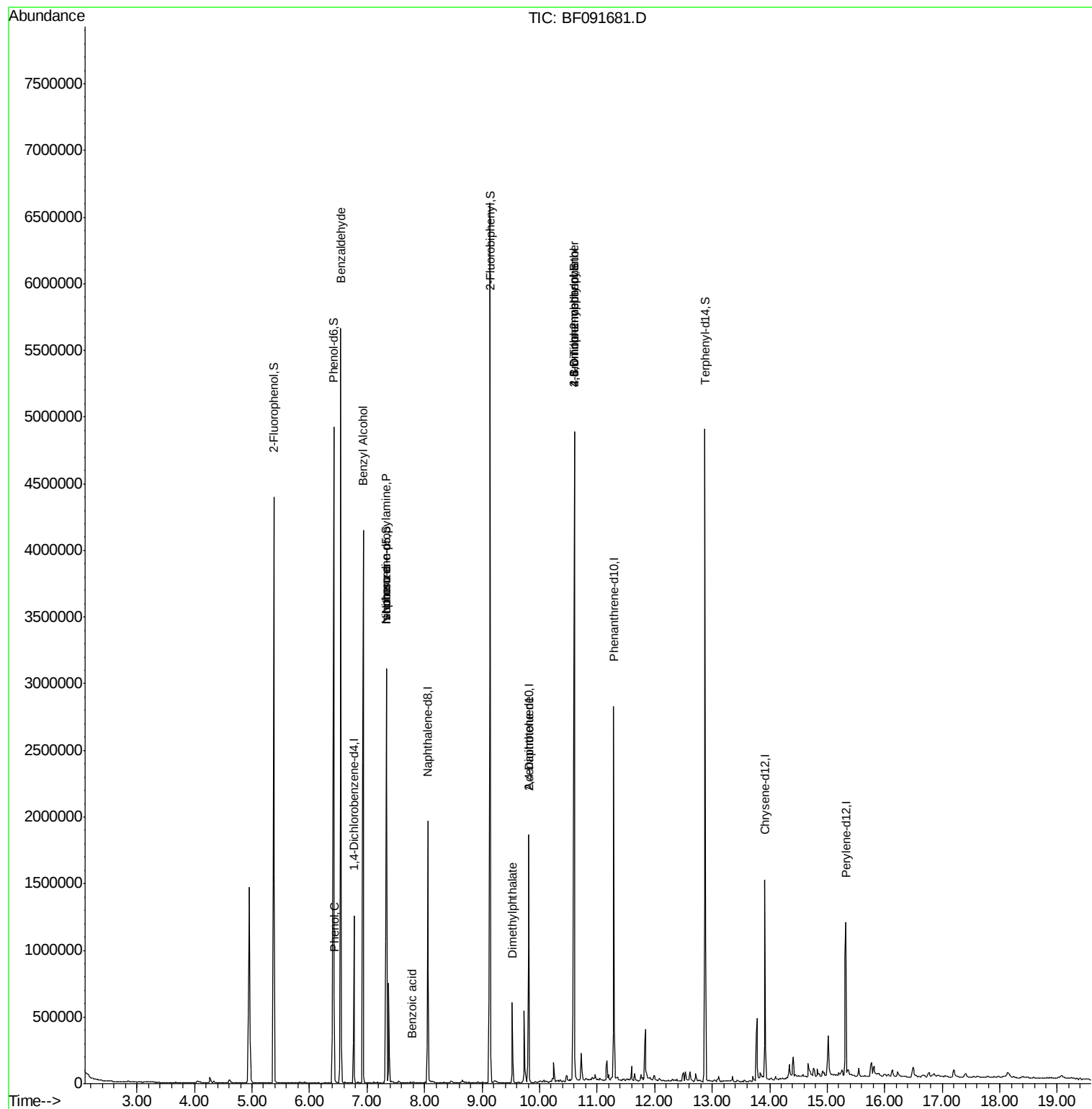
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	179166	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	1071737	20.00	ng	-0.02
38) Acenaphthene-d10	9.81	164	496484	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	956660	20.00	ng	-0.02
75) Chrysene-d12	13.92	240	474152	20.00	ng	-0.02
86) Perylene-d12	15.32	264	583267	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1432875	134.74	ng	0.00
7) Phenol-d6	6.42	99	1801233	135.86	ng	-0.01
23) Nitrobenzene-d5	7.33	82	1577102	82.13	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	677627	164.32	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	2371887	82.55	ng	-0.01
78) Terphenyl-d14	12.88	244	1619658	77.51	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.54	77	41771	4.58	ng	Qvalue 81
10) Phenol	6.43	94	136919	8.83	ng	82
15) Benzyl Alcohol	6.93	79	22936	2.19	ng	# 23
19) n-Nitroso-di-n-propylamine	7.33	70	208954	25.20	ng	# 67
25) Isophorone	7.33	82	1313902	38.49	ng	# 67
32) Benzoic acid	7.78	122	228	4.92	ng	# 76
49) Dimethylphthalate	9.53	163	244418	7.77	ng	# 98
56) 2,4-Dinitrotoluene	9.81	165	63556	7.35	ng	# 33
57) Fluorene	10.35	166	1491	Below Cal		# 86
64) 4,6-Dinitro-2-methylphenol	10.60	198	1666	3.21	ng	# 1
66) 4-Bromophenyl-phenylether	10.60	248	47135	4.81	ng	# 1

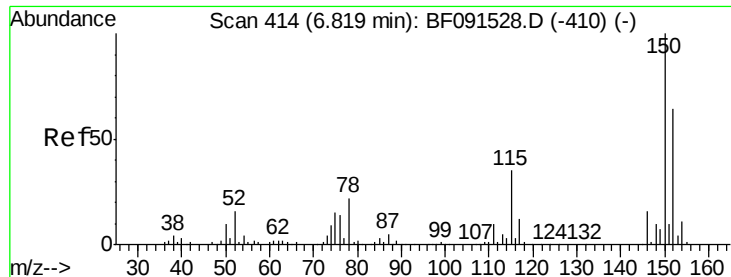
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF091681.D

Acq: 16 Dec 2016 19:09

Instrument :

BNA_F

ClientSampleId :

SS02-1FT

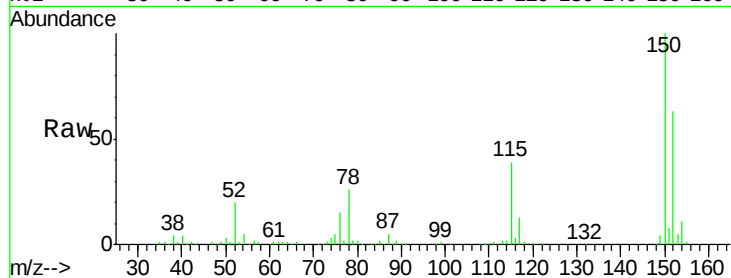
Tgt Ion:152 Resp: 179166

Ion Ratio Lower Upper

152 100

150 157.5 122.5 183.7

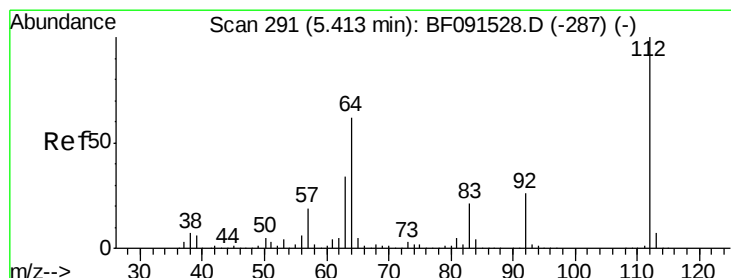
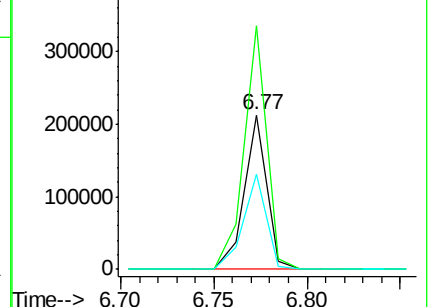
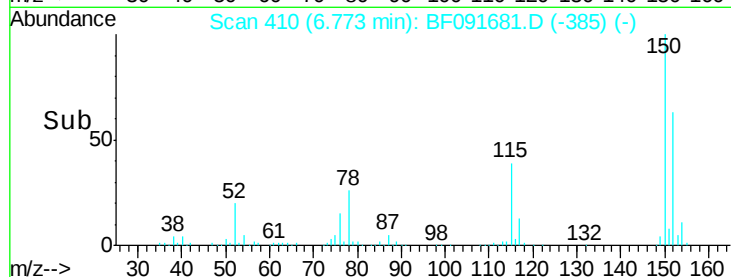
115 61.9 51.8 77.8



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: 134.74 ng

RT: 5.38 min Scan# 288

Delta R.T. -0.00 min

Lab File: BF091681.D

Acq: 16 Dec 2016 19:09

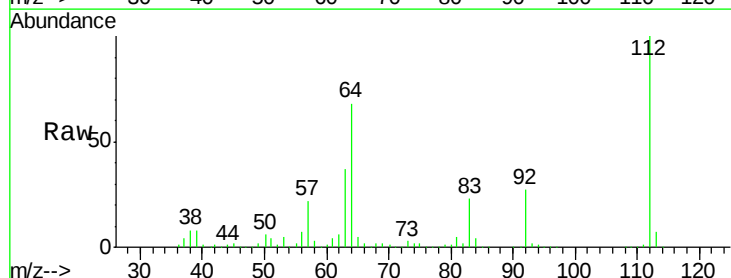
Tgt Ion:112 Resp: 1432875

Ion Ratio Lower Upper

112 100

64 68.5 61.5 92.3

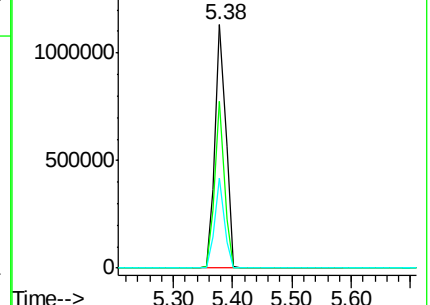
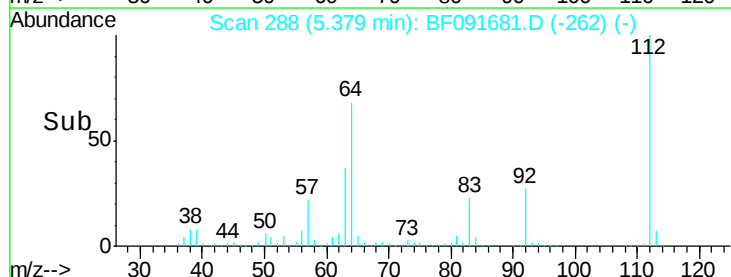
63 36.9 33.3 49.9

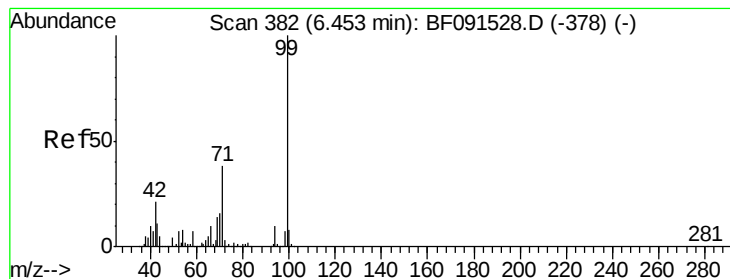


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 135.86 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF091681.D

Acq: 16 Dec 2016 19:09

Instrument :

BNA_F

ClientSampleId :

SS02-1FT

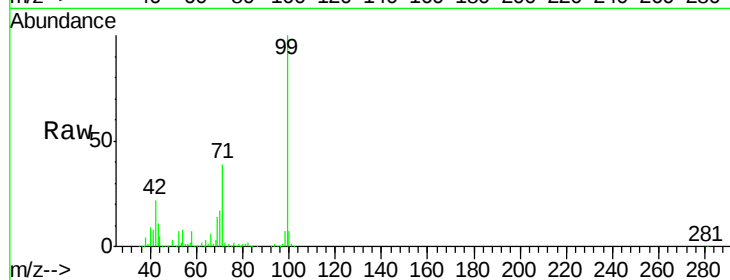
Tgt Ion: 99 Resp: 1801233

Ion Ratio Lower Upper

99 100

42 22.1 20.6 31.0

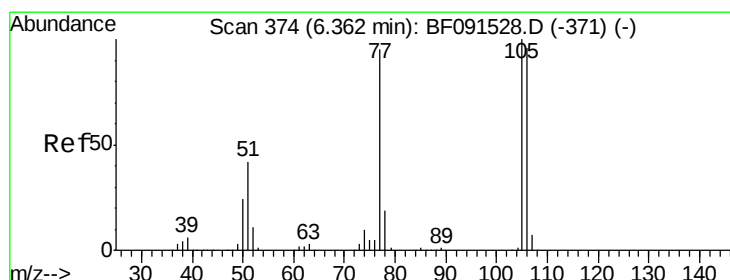
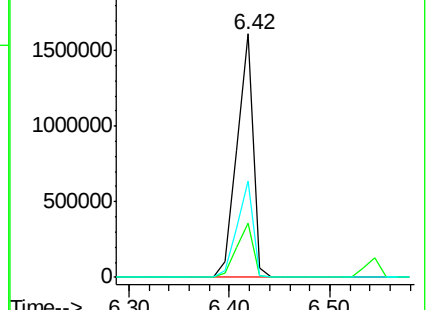
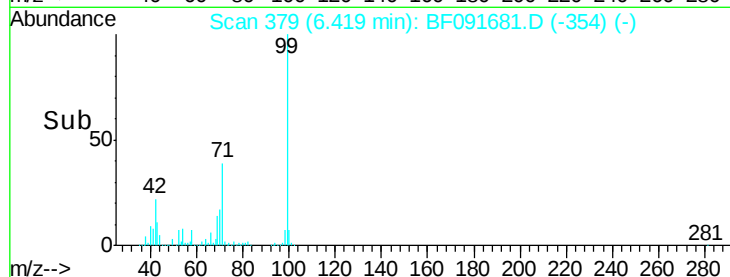
71 39.4 29.9 44.9



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: 4.58 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.22 min

Lab File: BF091681.D

Acq: 16 Dec 2016 19:09

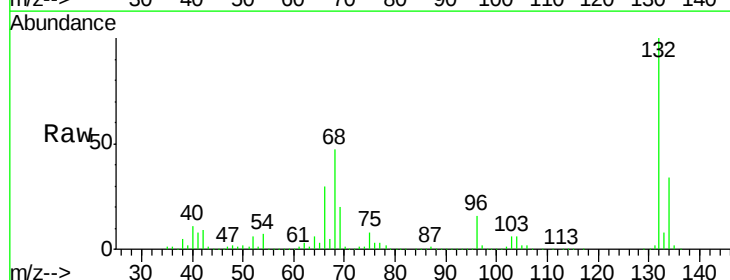
Tgt Ion: 77 Resp: 41771

Ion Ratio Lower Upper

77 100

105 71.9 66.4 106.4

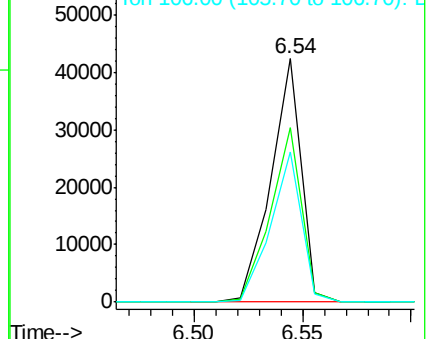
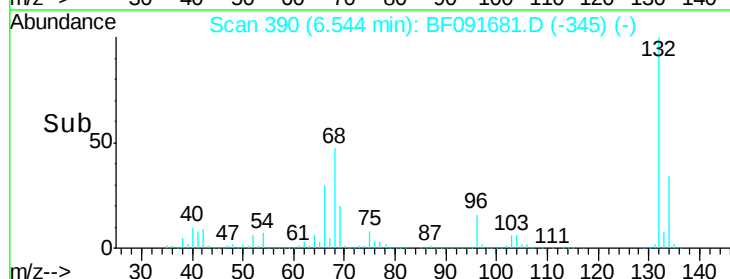
106 61.5 60.9 100.9

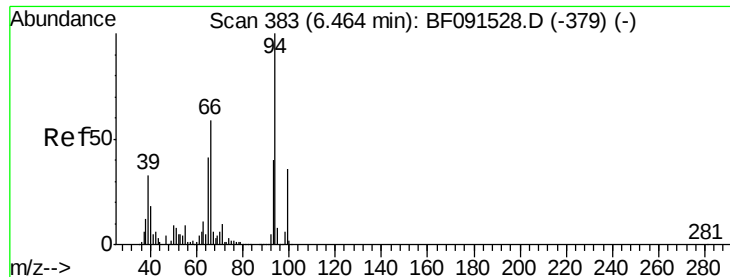


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 8.83 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF091681.D

Acq: 16 Dec 2016 19:09

Instrument :

BNA_F

ClientSampleId :

SS02-1FT

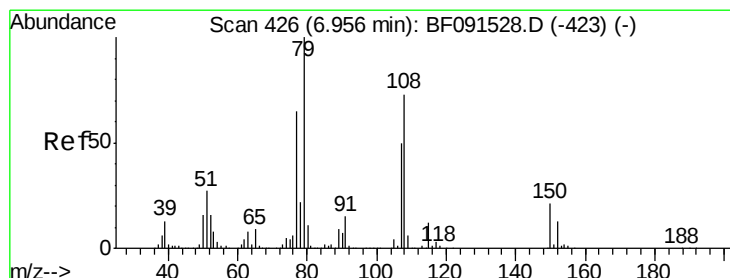
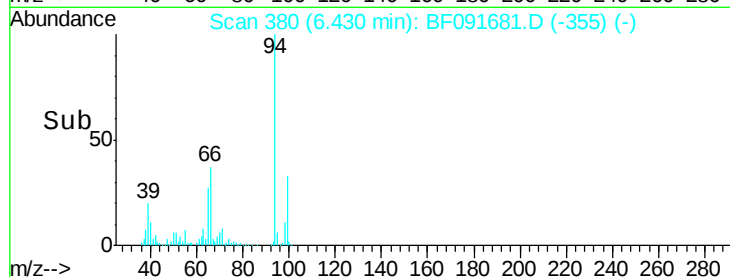
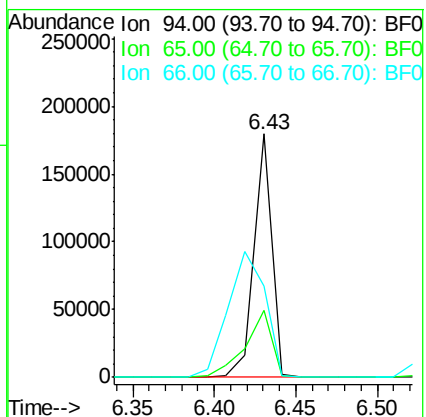
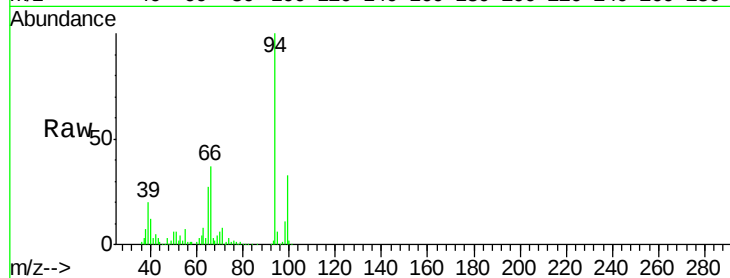
Tgt Ion: 94 Resp: 136919

Ion Ratio Lower Upper

94 100

65 27.3 16.9 56.9

66 37.4 30.6 70.6



#15

Benzyl Alcohol

Concen: 2.19 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.00 min

Lab File: BF091681.D

Acq: 16 Dec 2016 19:09

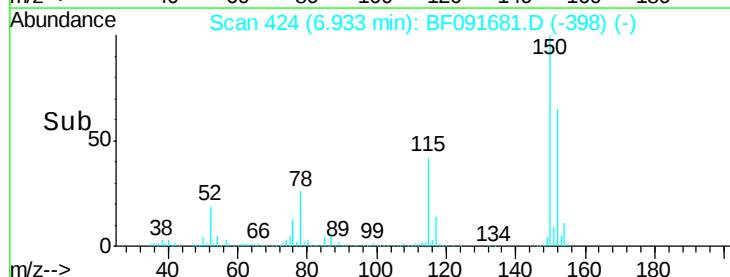
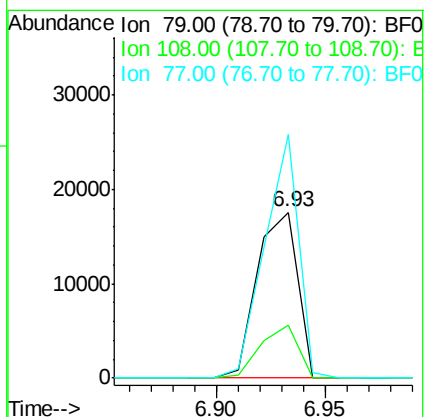
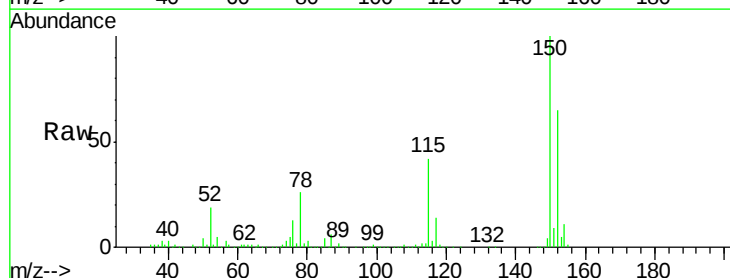
Tgt Ion: 79 Resp: 22936

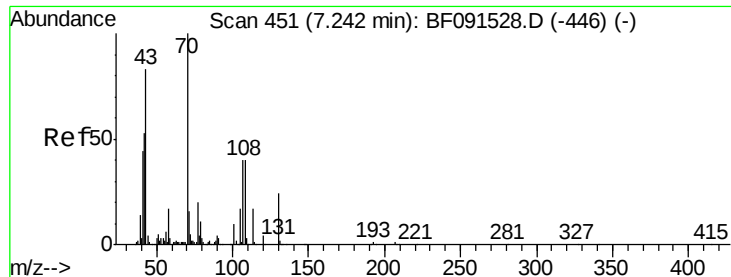
Ion Ratio Lower Upper

79 100

108 31.7 62.7 94.1#

77 146.9 51.7 77.5#





#19

n-Nitroso-di-n-propylamine

Concen: 25.20 ng

RT: 7.33 min Scan# 459

Delta R.T. 0.13 min

Lab File: BF091681.D

Acq: 16 Dec 2016 19:09

Instrument :

BNA_F

ClientSampleId :

SS02-1FT

Tgt Ion: 70 Resp: 208954

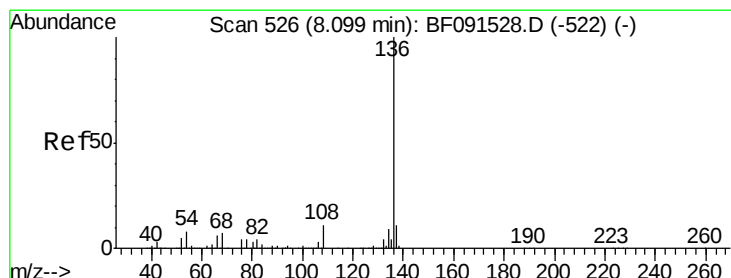
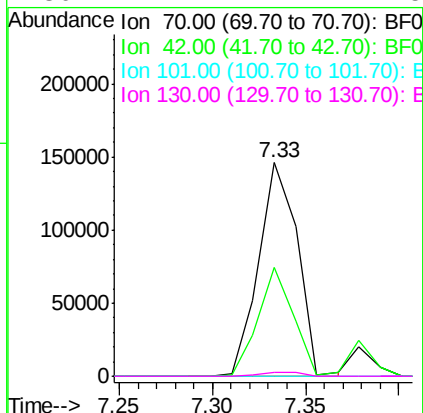
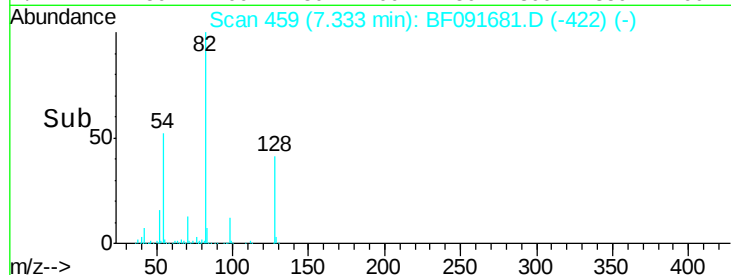
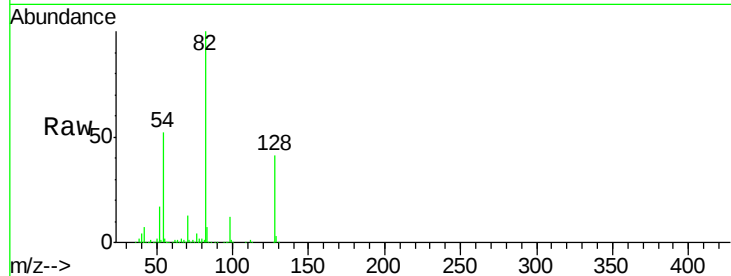
Ion Ratio Lower Upper

70 100

42 50.7 64.8 97.2#

101 0.0 6.2 9.4#

130 2.1 11.7 17.5#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.02 min

Lab File: BF091681.D

Acq: 16 Dec 2016 19:09

Tgt Ion: 136 Resp: 1071737

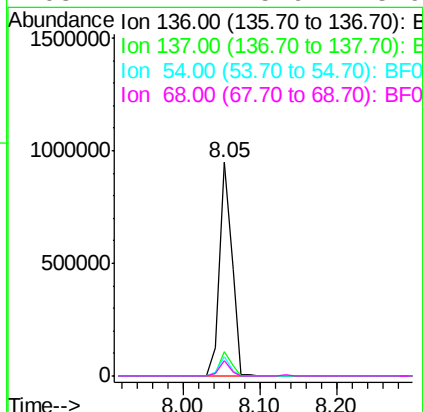
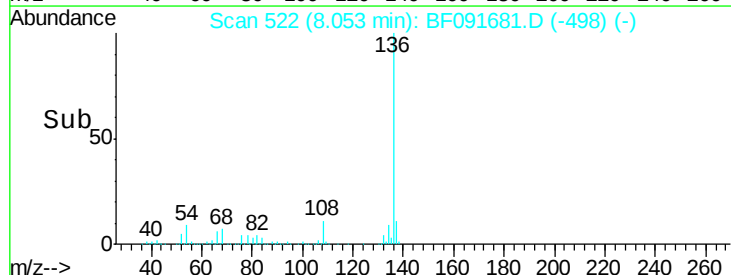
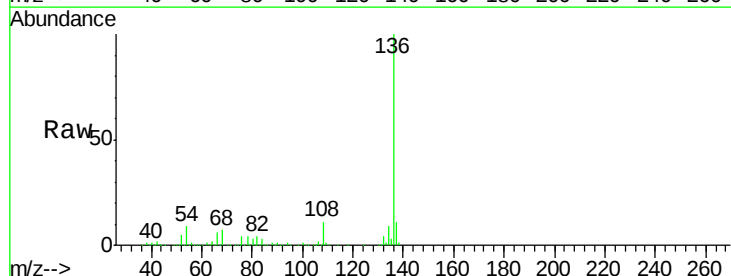
Ion Ratio Lower Upper

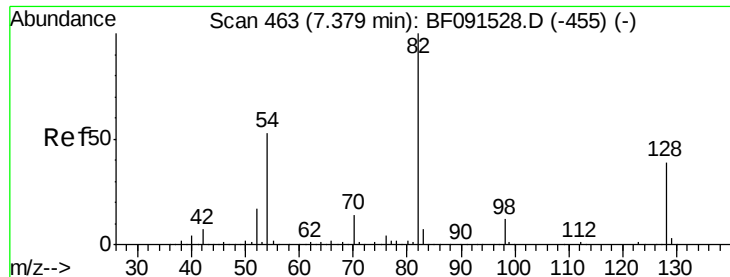
136 100

137 11.3 9.1 13.7

54 9.1 9.1 13.7

68 7.1 5.9 8.9

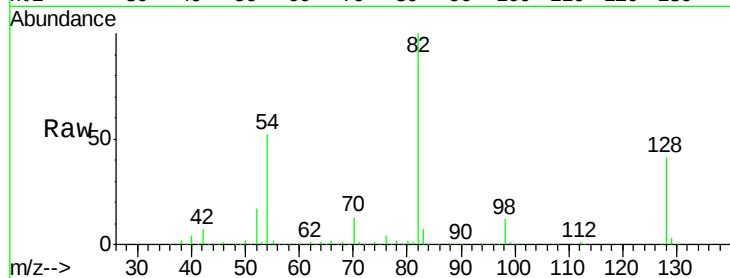




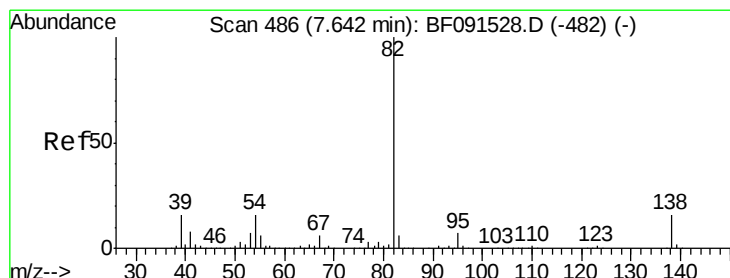
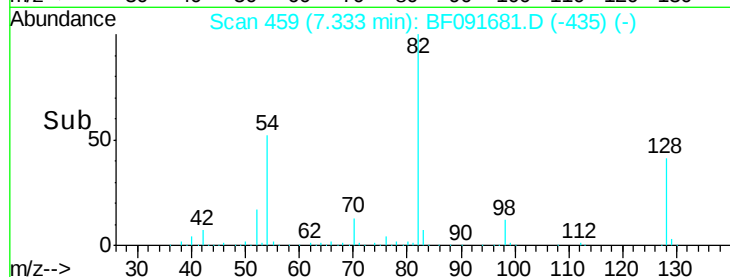
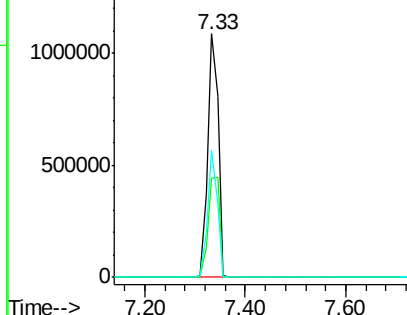
#23
 Nitrobenzene-d5
 Concen: 82.13 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.02 min
 Lab File: BF091681.D
 Acq: 16 Dec 2016 19:09

Instrument :
 BNA_F
 ClientSampleId :
 SS02-1FT

Tgt Ion: 82 Resp: 1577102
 Ion Ratio Lower Upper
 82 100
 128 40.5 31.8 47.6
 54 52.3 49.1 73.7

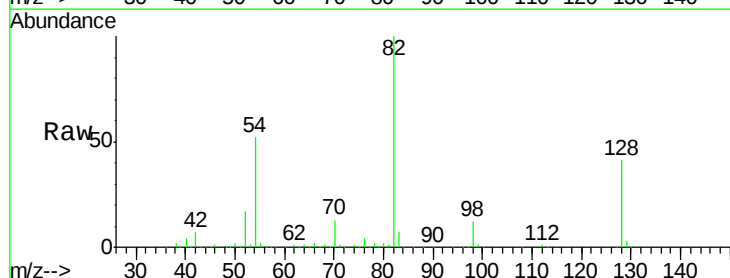


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

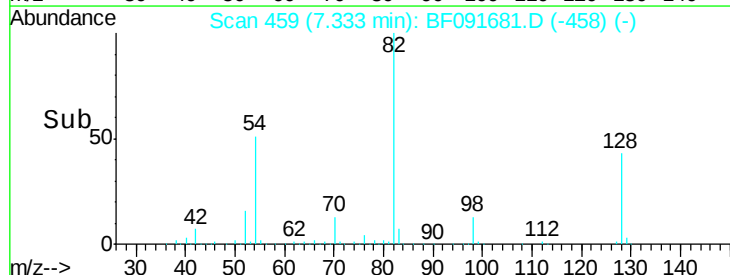
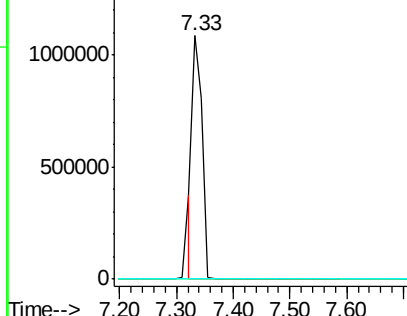


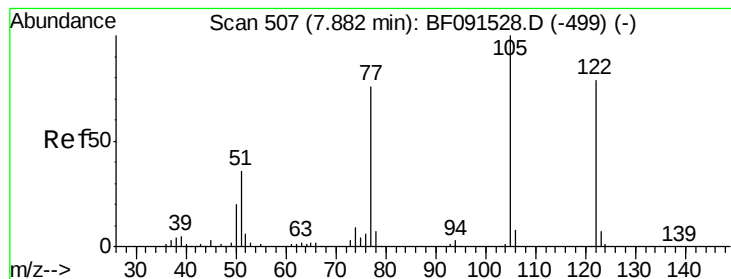
#25
 Isophorone
 Concen: 38.49 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.29 min
 Lab File: BF091681.D
 Acq: 16 Dec 2016 19:09

Tgt Ion: 82 Resp: 1313902
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.7 8.5#
 138 0.0 13.4 20.0#



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





#32

Benzoic acid

Concen: 4.92 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.08 min

Lab File: BF091681.D

Acq: 16 Dec 2016 19:09

Instrument :

BNA_F

ClientSampleId :

SS02-1FT

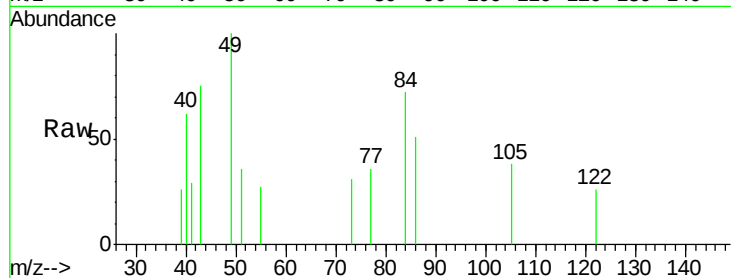
Tgt Ion:122 Resp: 228

Ion Ratio Lower Upper

122 100

105 149.2 113.0 153.0

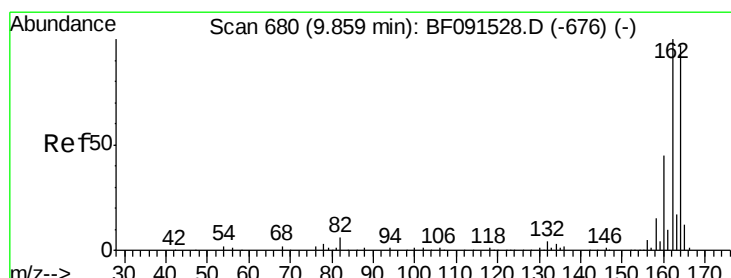
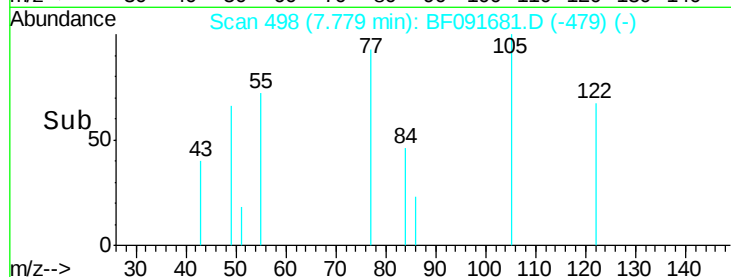
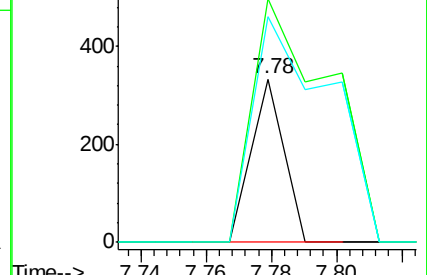
77 138.7 82.0 122.0#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.01 min

Lab File: BF091681.D

Acq: 16 Dec 2016 19:09

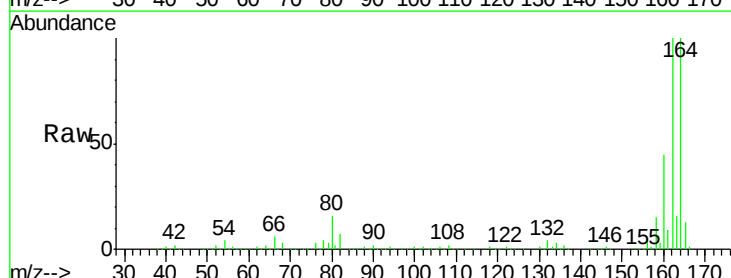
Tgt Ion:164 Resp: 496484

Ion Ratio Lower Upper

164 100

162 99.7 82.6 124.0

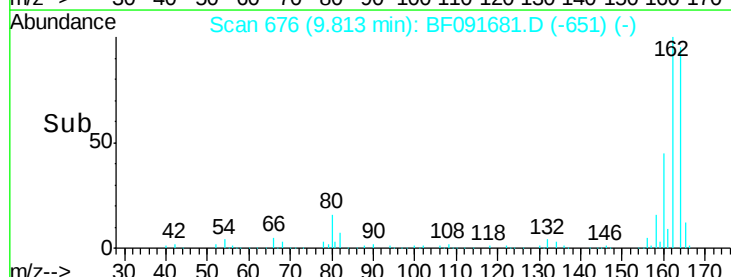
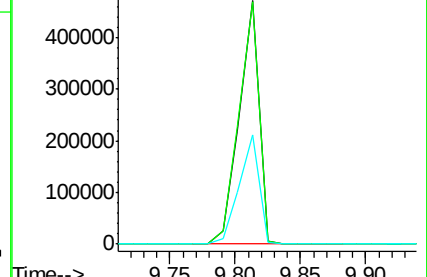
160 44.8 36.7 55.1

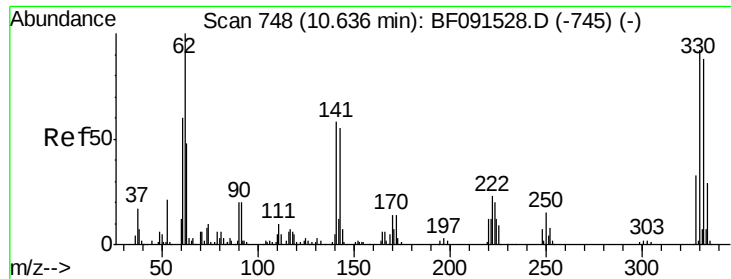


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

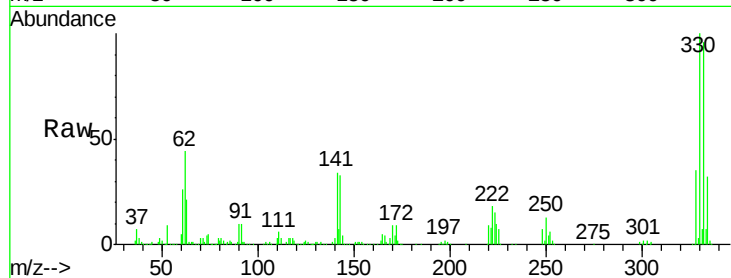




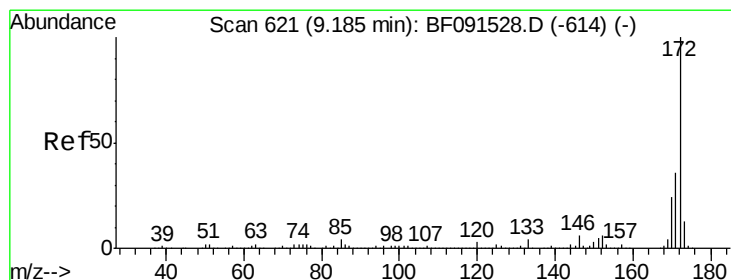
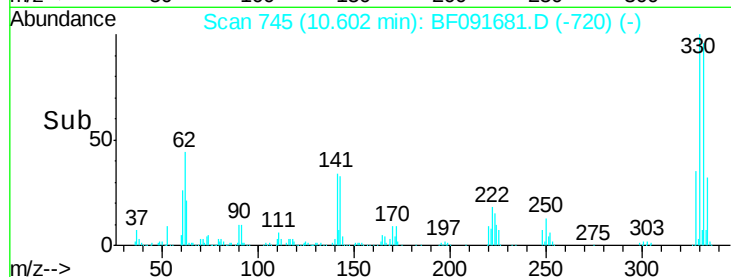
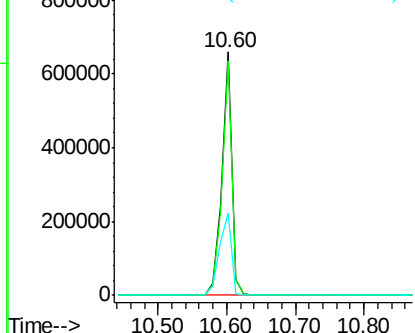
#41
 2,4,6-Tribromophenol
 Concen: 164.32 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF091681.D
 Acq: 16 Dec 2016 19:09

Instrument :
 BNA_F
 ClientSampleId :
 SS02-1FT

Tgt Ion:330 Resp: 677627
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.2 114.4
 141 40.6 33.6 50.4

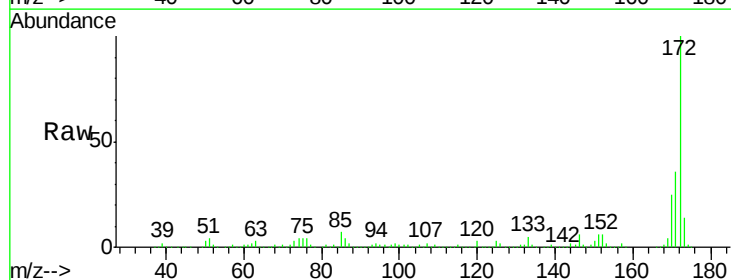


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

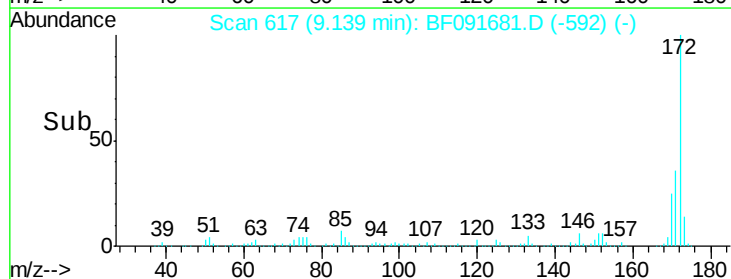
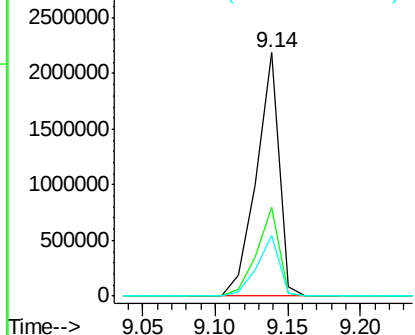


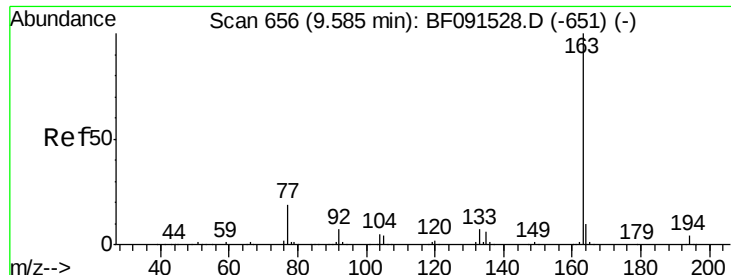
#44
 2-Fluorobiphenyl
 Concen: 82.55 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF091681.D
 Acq: 16 Dec 2016 19:09

Tgt Ion:172 Resp: 2371887
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.0
 170 24.8 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

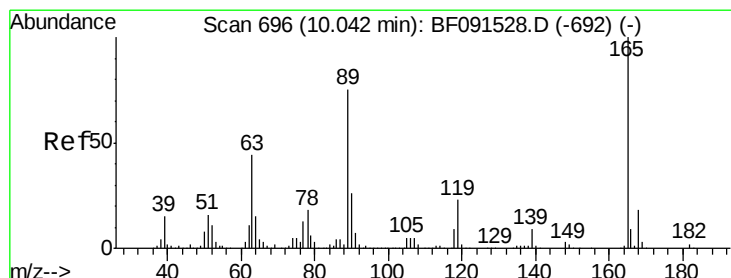
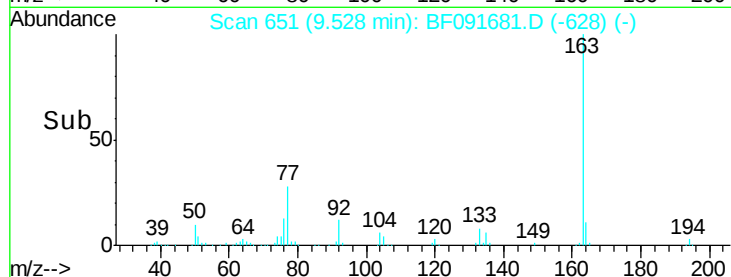
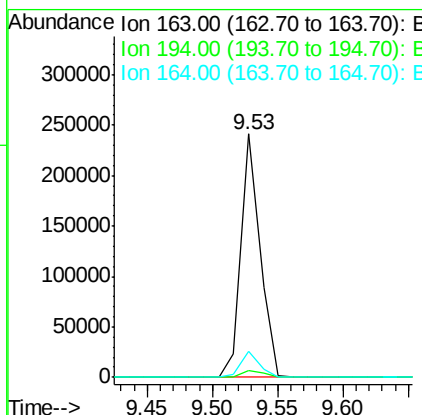
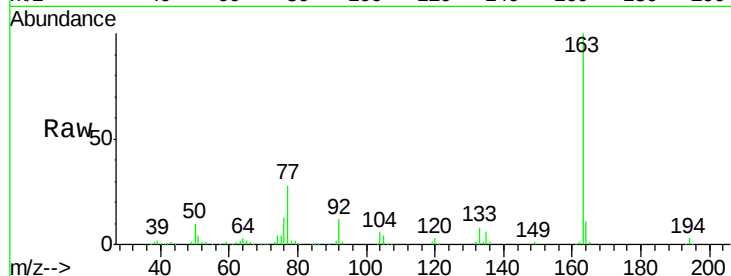




#49
Dimethylphthalate
Concen: 7.77 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.03 min
Lab File: BF091681.D
Acq: 16 Dec 2016 19:09

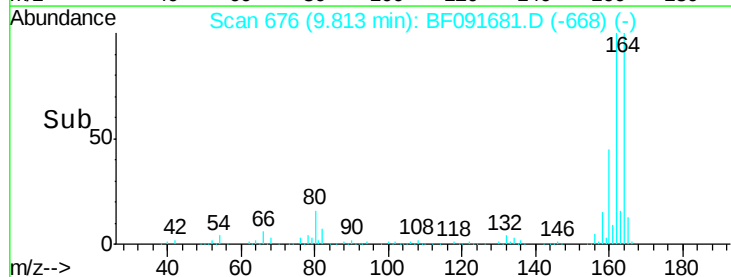
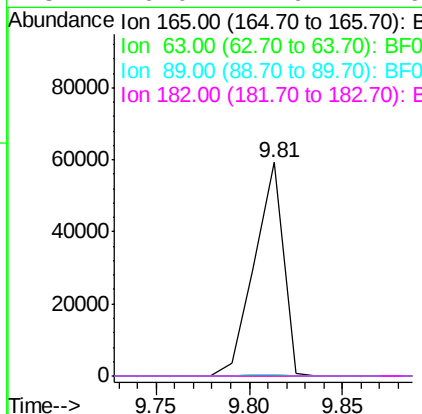
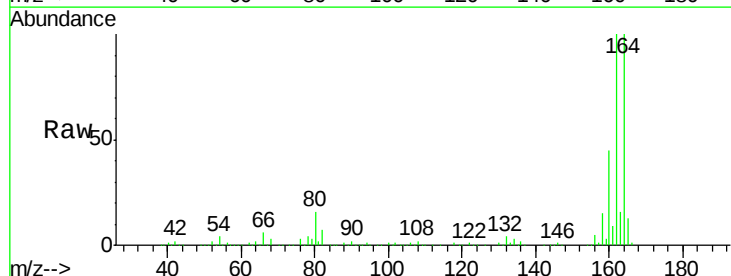
Instrument :
BNA_F
ClientSampleId :
SS02-1FT

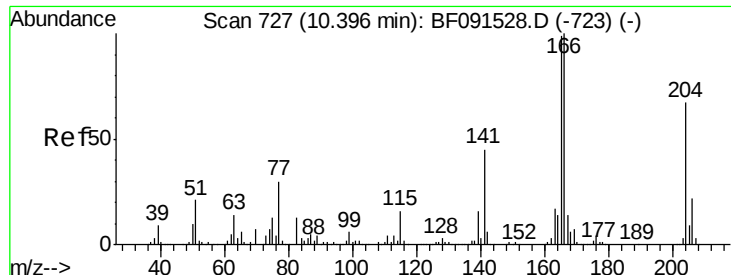
Tgt Ion:163 Resp: 244418
Ion Ratio Lower Upper
163 100
194 2.8 3.0 4.4#
164 10.6 7.8 11.8



#56
2,4-Dinitrotoluene
Concen: 7.35 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.21 min
Lab File: BF091681.D
Acq: 16 Dec 2016 19:09

Tgt Ion:165 Resp: 63556
Ion Ratio Lower Upper
165 100
63 0.6 29.0 43.4#
89 0.7 43.1 64.7#
182 0.0 1.9 2.9#

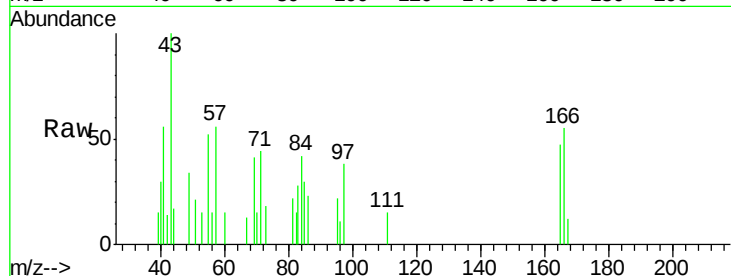




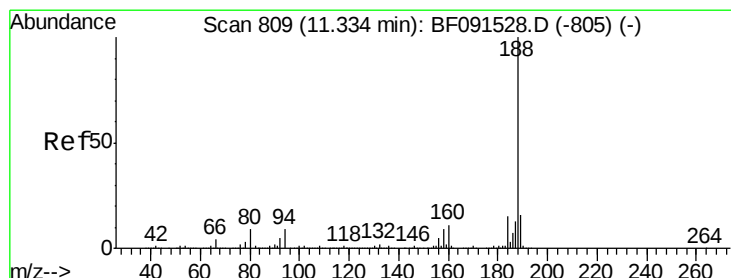
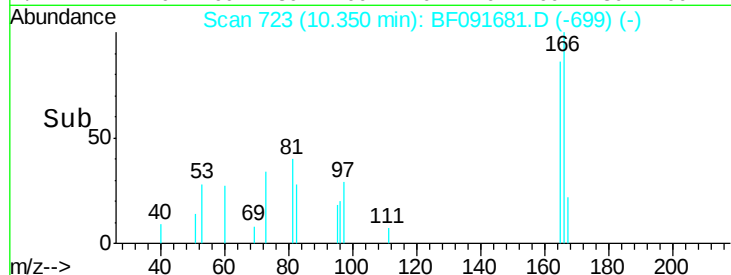
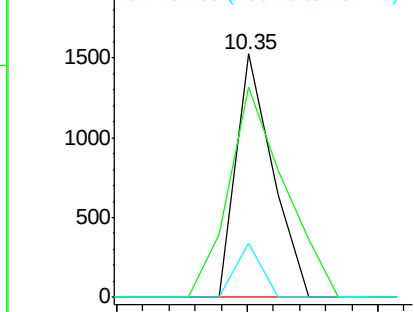
#57
Fluorene
 Concen: Below Cal
 RT: 10.35 min Scan# 723
 Delta R.T. -0.02 min
 Lab File: BF091681.D
 Acq: 16 Dec 2016 19:09

Instrument :
 BNA_F
 ClientSampleId :
 SS02-1FT

Tgt Ion:166 Resp: 1491
 Ion Ratio Lower Upper
 166 100
 165 86.4 80.0 120.0
 167 22.0 10.8 16.2#

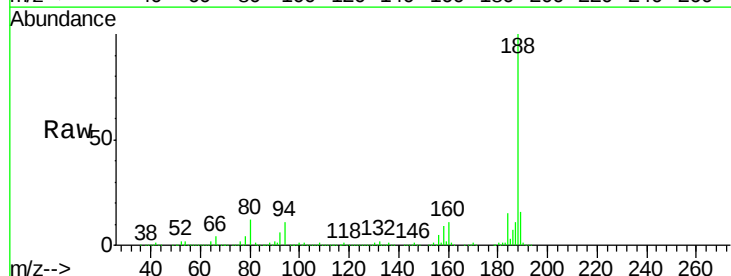


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

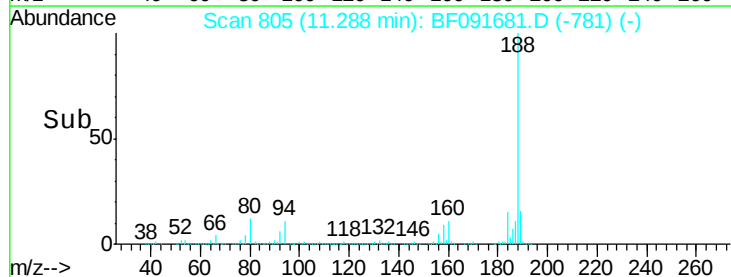
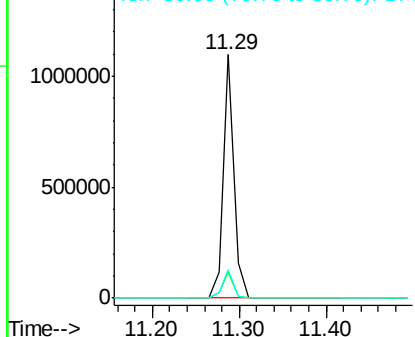


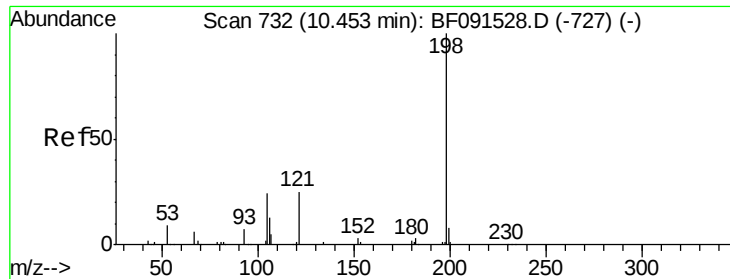
#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 805
 Delta R.T. -0.02 min
 Lab File: BF091681.D
 Acq: 16 Dec 2016 19:09

Tgt Ion:188 Resp: 956660
 Ion Ratio Lower Upper
 188 100
 94 10.8 9.2 13.8
 80 12.0 10.5 15.7



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

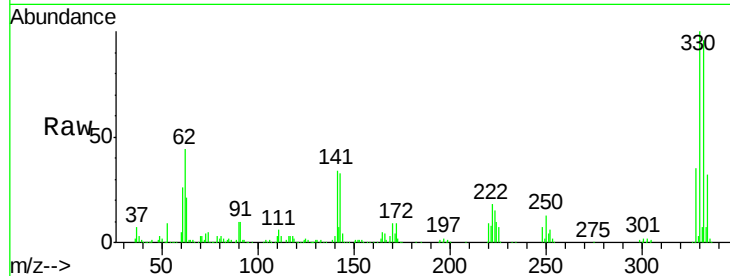




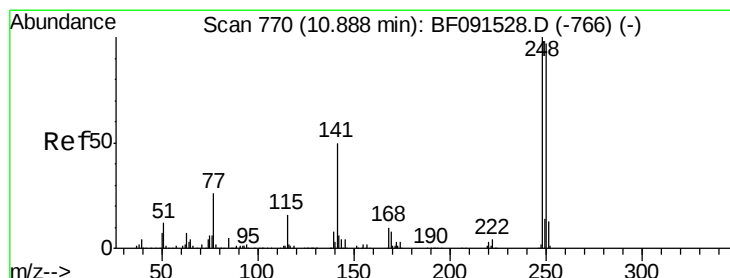
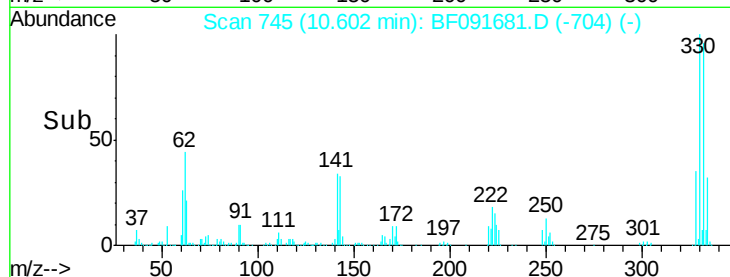
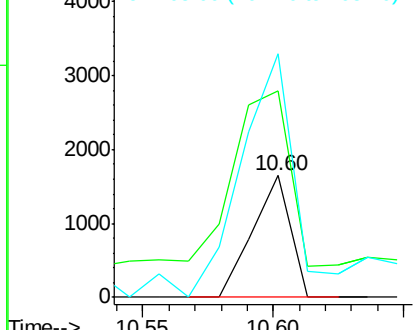
#64
4,6-Dinitro-2-methylphenol
Concen: 3.21 ng
RT: 10.60 min Scan# 745
Delta R.T. 0.17 min
Lab File: BF091681.D
Acq: 16 Dec 2016 19:09

Instrument :
BNA_F
ClientSampleId :
SS02-1FT

Tgt Ion:198 Resp: 1666
Ion Ratio Lower Upper
198 100
51 169.8 77.1 117.1#
105 200.0 44.8 84.8#

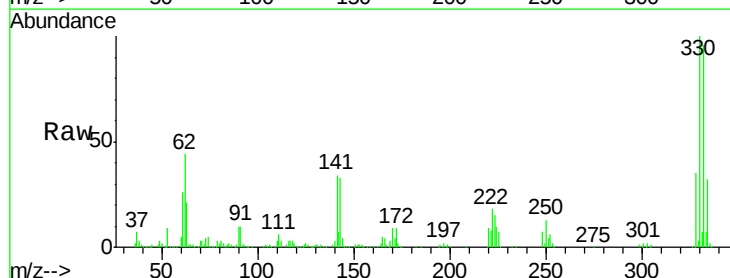


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

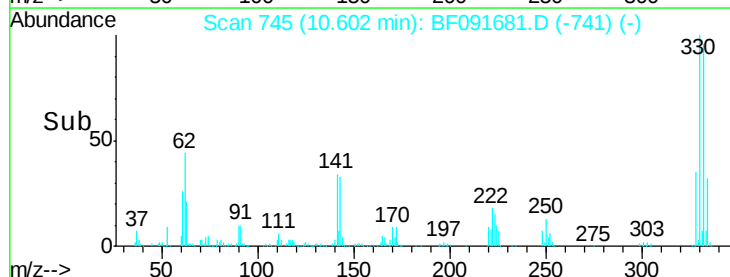
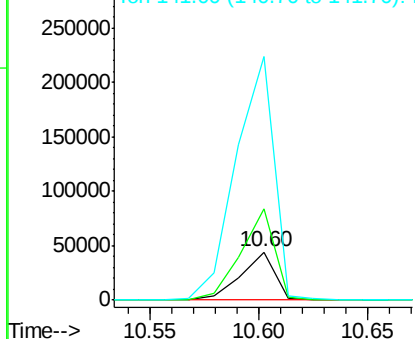


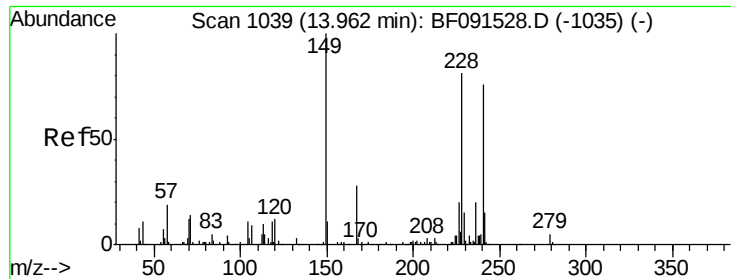
#66
4-Bromophenyl-phenylether
Concen: 4.81 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.25 min
Lab File: BF091681.D
Acq: 16 Dec 2016 19:09

Tgt Ion:248 Resp: 47135
Ion Ratio Lower Upper
248 100
250 191.3 78.2 117.4#
141 509.9 71.9 107.9#



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: 13.92 min Scan# 1035

Delta R.T. -0.02 min

Lab File: BF091681.D

Acq: 16 Dec 2016 19:09

Instrument :

BNA_F

ClientSampleId :

SS02-1FT

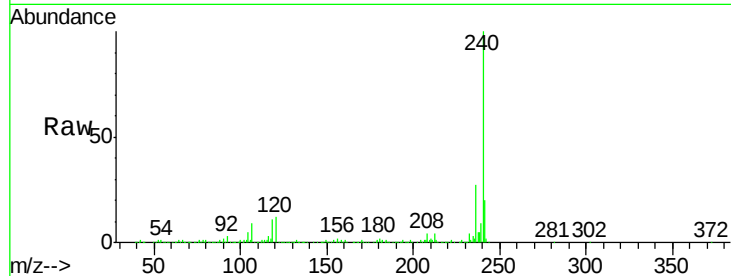
Tgt Ion:240 Resp: 474152

Ion Ratio Lower Upper

240 100

120 12.2 12.1 18.1

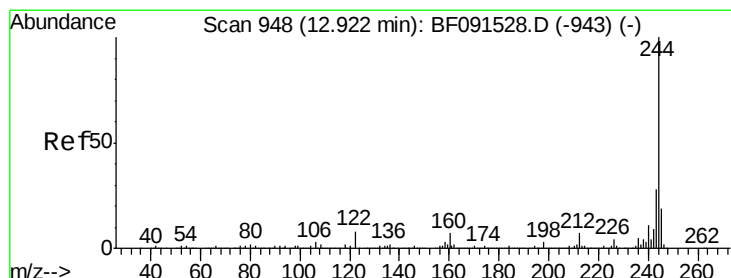
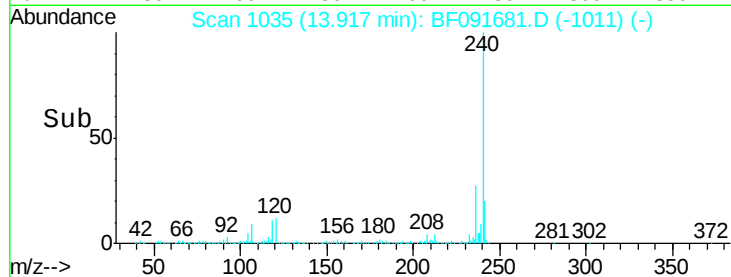
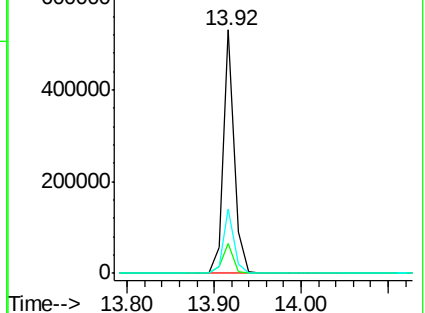
236 26.6 21.0 31.6



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: 77.51 ng

RT: 12.88 min Scan# 944

Delta R.T. -0.02 min

Lab File: BF091681.D

Acq: 16 Dec 2016 19:09

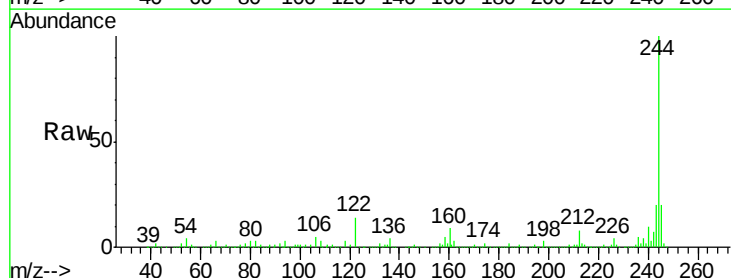
Tgt Ion:244 Resp: 1619658

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

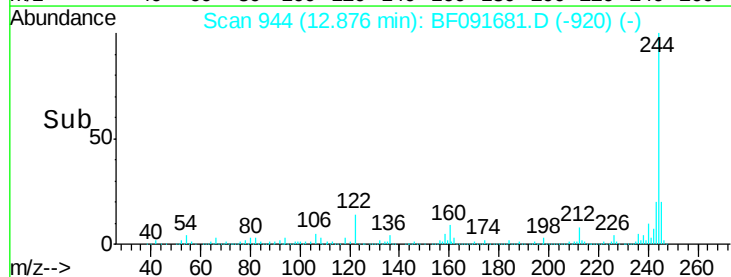
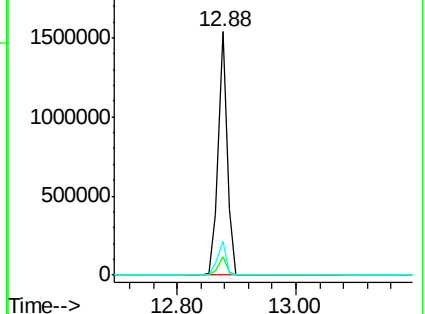
122 13.7 9.5 14.3

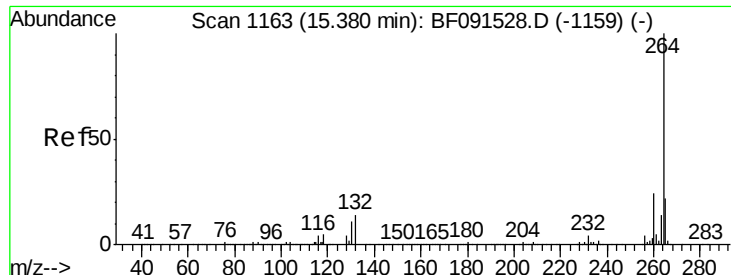


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

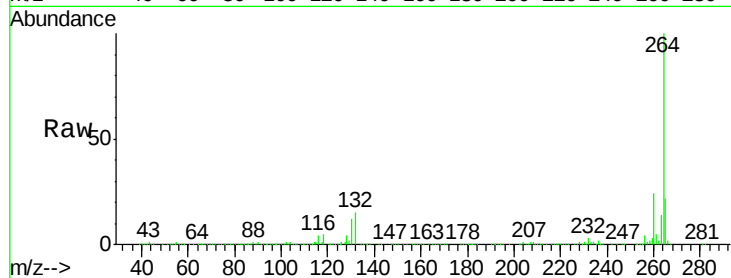




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.32 min Scan# 1158
Delta R.T. -0.02 min
Lab File: BF091681.D
Acq: 16 Dec 2016 19:09

Instrument :
BNA_F
ClientSampleId :
SS02-1FT

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.8	28.2
265	21.8	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

