

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120516\
 Data File : BF091427.D
 Acq On : 5 Dec 2016 19:32
 Operator : UM/SJ
 Sample : H5838-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-15

Quant Time: Dec 06 00:07:30 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 13:33:46 2016
 Response via : Initial Calibration

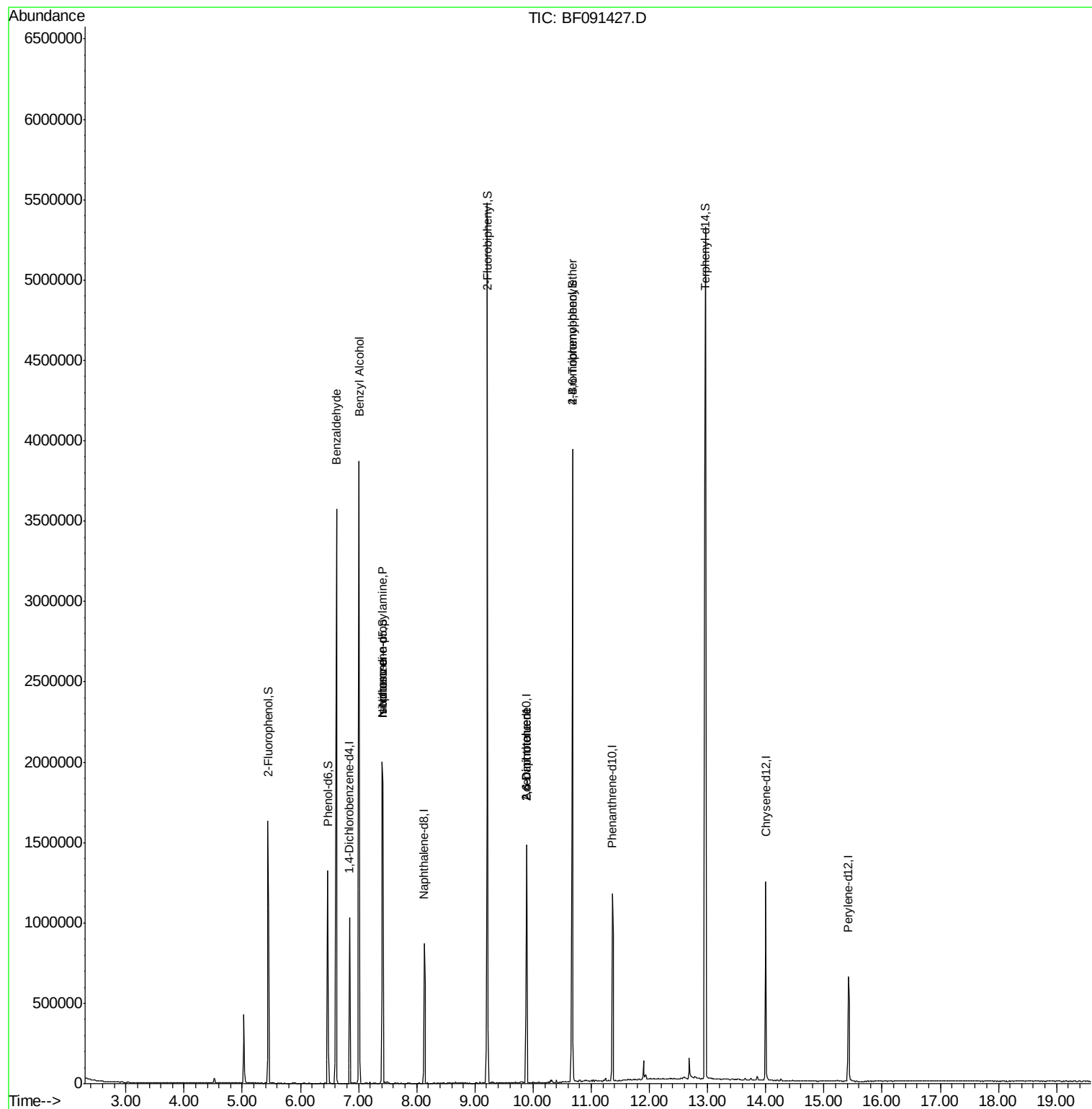
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	135355	20.00	ng	-0.03
21) Naphthalene-d8	8.13	136	516647	20.00	ng	-0.04
38) Acenaphthene-d10	9.89	164	336061	20.00	ng	-0.03
63) Phenanthrene-d10	11.36	188	604941	20.00	ng	-0.04
75) Chrysene-d12	14.00	240	556241	20.00	ng	-0.04
86) Perylene-d12	15.42	264	361633	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	531063	64.09	ng	-0.03
7) Phenol-d6	6.47	99	367956	36.08	ng	-0.03
23) Nitrobenzene-d5	7.41	82	1003309	108.83	ng	-0.04
41) 2,4,6-Tribromophenol	10.68	330	480183	150.93	ng	-0.03
44) 2-Fluorobiphenyl	9.21	172	1760136	94.83	ng	-0.03
78) Terphenyl-d14	12.96	244	2220187	86.75	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.62	77	25994	3.96	ng	Qvalue 93
15) Benzyl Alcohol	7.01	79	16817	2.06	ng	# 37
19) n-Nitroso-di-n-propylamine	7.41	70	132687	20.65	ng	# 73
25) Isophorone	7.41	82	869335	53.23	ng	# 67
50) 2,6-Dinitrotoluene	9.89	165	44111	9.70	ng	# 16
56) 2,4-Dinitrotoluene	9.89	165	44112	7.48	ng	# 33
66) 4-Bromophenyl-phenylether	10.68	248	31411	4.83	ng	# 1

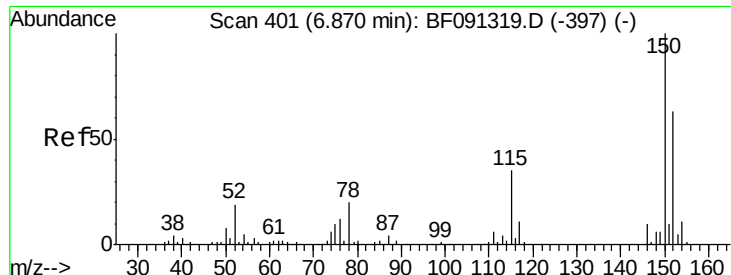
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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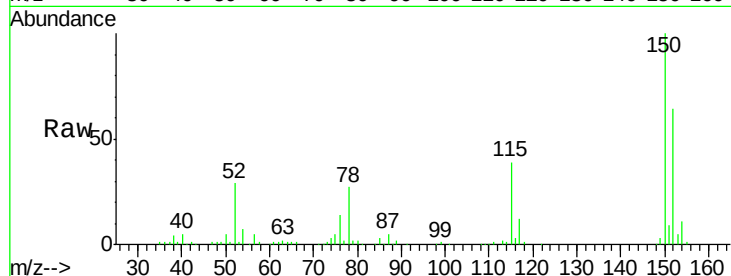




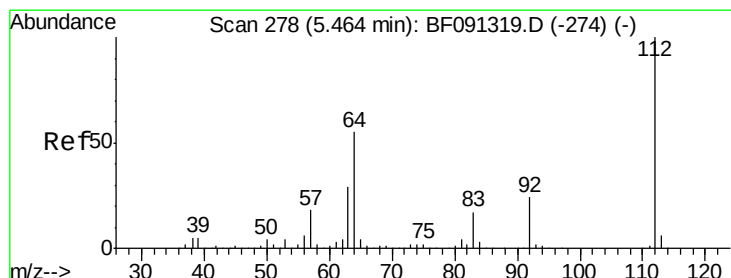
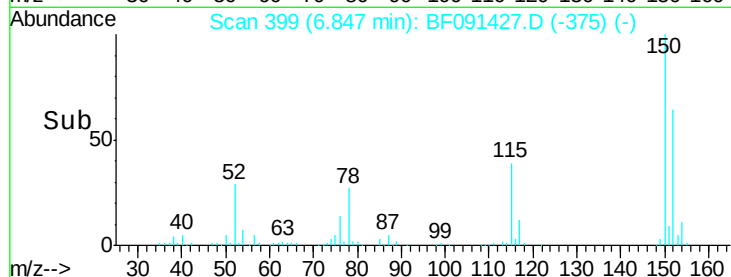
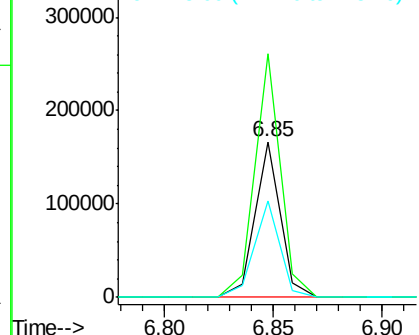
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 399
 Delta R.T. -0.03 min
 Lab File: BF091427.D
 Acq: 5 Dec 2016 19:32

Instrument :
 BNA_F
 ClientSampleId :
 MW-15

Tgt Ion:152 Resp: 135355
 Ion Ratio Lower Upper
 152 100
 150 156.2 122.5 183.7
 115 61.6 51.8 77.8

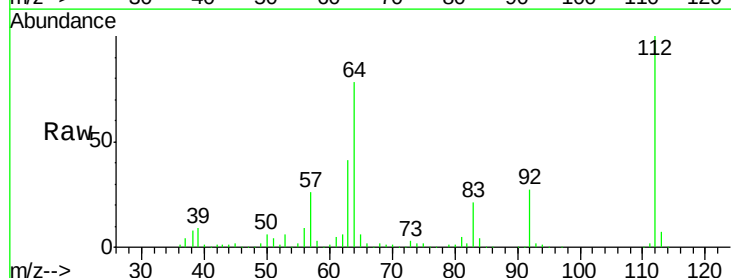


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

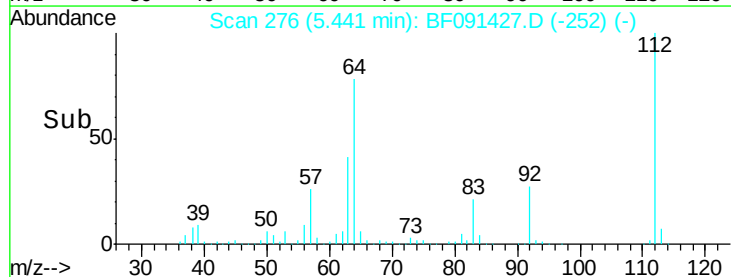
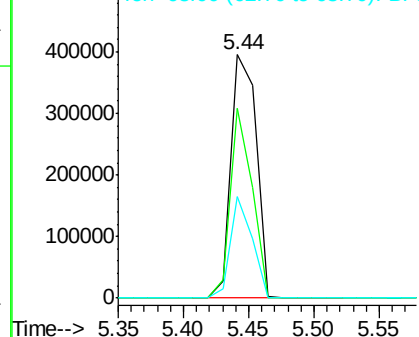


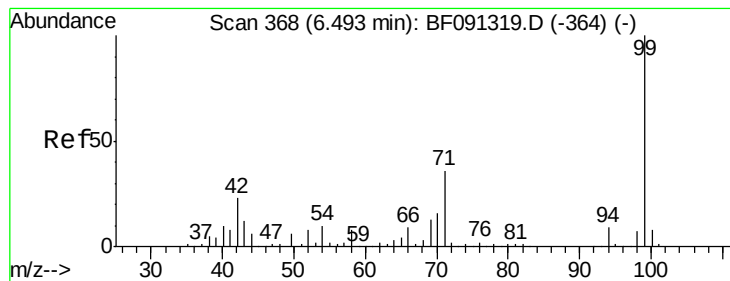
#5
 2-Fluorophenol
 Concen: 64.09 ng
 RT: 5.44 min Scan# 276
 Delta R.T. -0.03 min
 Lab File: BF091427.D
 Acq: 5 Dec 2016 19:32

Tgt Ion:112 Resp: 531063
 Ion Ratio Lower Upper
 112 100
 64 77.9 61.5 92.3
 63 41.5 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: 36.08 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.03 min

Lab File: BF091427.D

Acq: 5 Dec 2016 19:32

Instrument :

BNA_F

ClientSampled :

MW-15

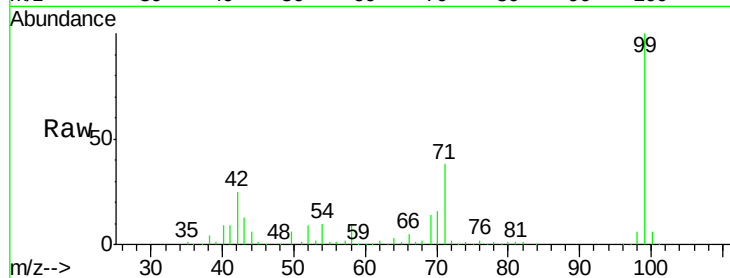
Tgt Ion: 99 Resp: 367956

Ion Ratio Lower Upper

99 100

42 24.9 20.6 31.0

71 38.1 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

500000

400000

300000

200000

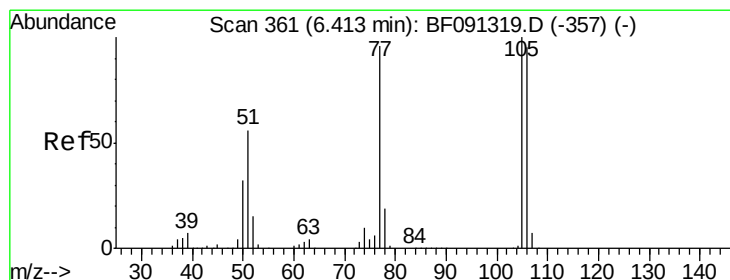
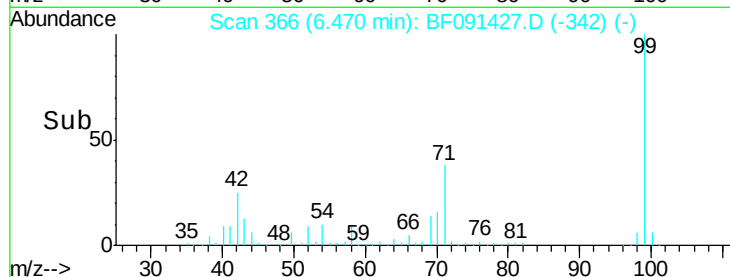
100000

0

6.47

6.40 6.45 6.50 6.55

Time-->



#9

Benzaldehyde

Concen: 3.96 ng

RT: 6.62 min Scan# 379

Delta R.T. 0.20 min

Lab File: BF091427.D

Acq: 5 Dec 2016 19:32

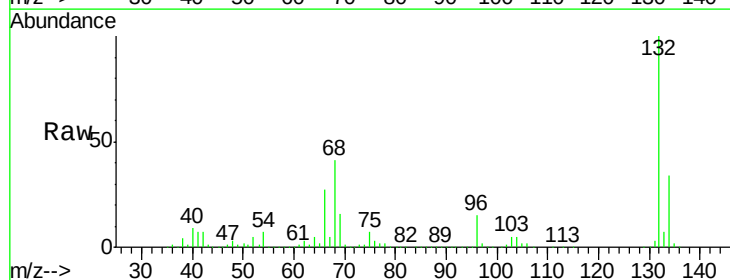
Tgt Ion: 77 Resp: 25994

Ion Ratio Lower Upper

77 100

105 80.2 66.4 106.4

106 74.0 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

30000

25000

20000

15000

10000

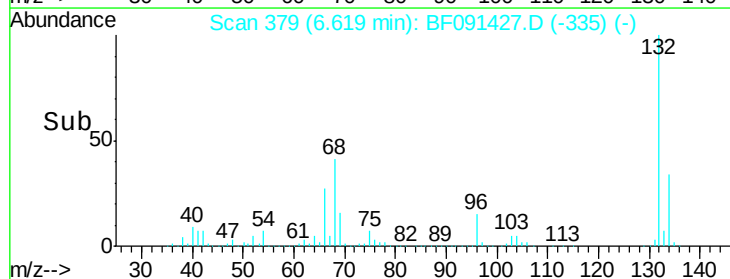
5000

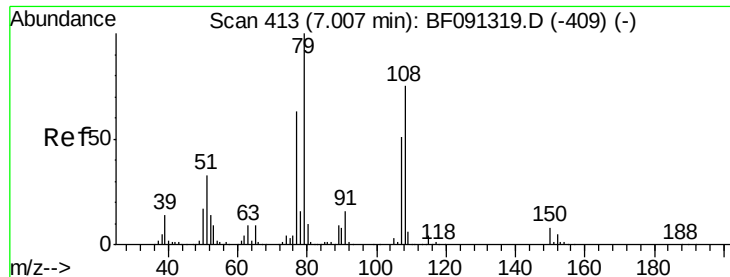
0

6.62

6.55 6.60 6.65

Time-->





#15

Benzyl Alcohol

Concen: 2.06 ng

RT: 7.01 min Scan# 413

Delta R.T. -0.02 min

Lab File: BF091427.D

Acq: 5 Dec 2016 19:32

Instrument :

BNA_F

ClientSampled :

MW-15

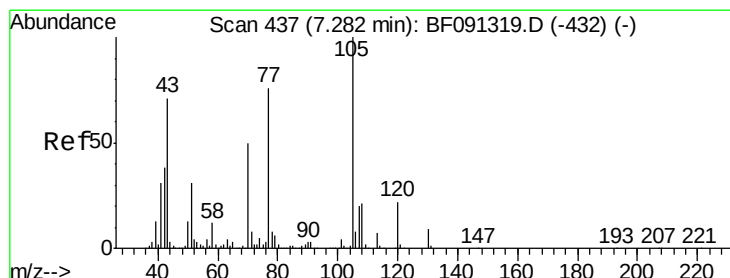
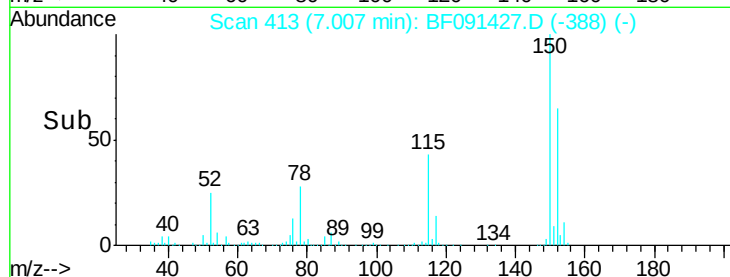
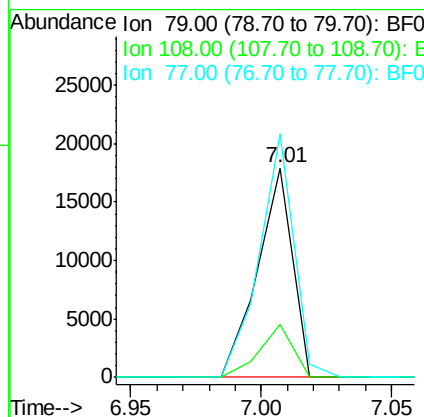
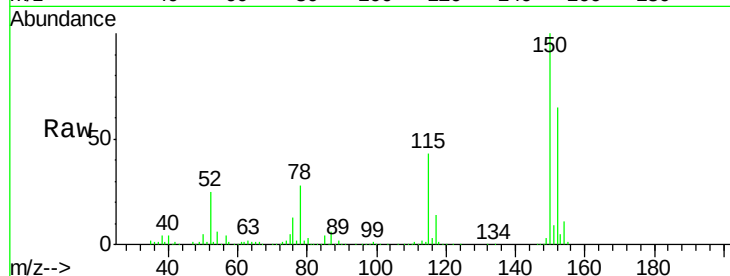
Tgt Ion: 79 Resp: 16817

Ion Ratio Lower Upper

79 100

108 25.5 62.7 94.1#

77 116.3 51.7 77.5#



#19

n-Nitroso-di-n-propylamine

Concen: 20.65 ng

RT: 7.41 min Scan# 448

Delta R.T. 0.11 min

Lab File: BF091427.D

Acq: 5 Dec 2016 19:32

Tgt Ion: 70 Resp: 132687

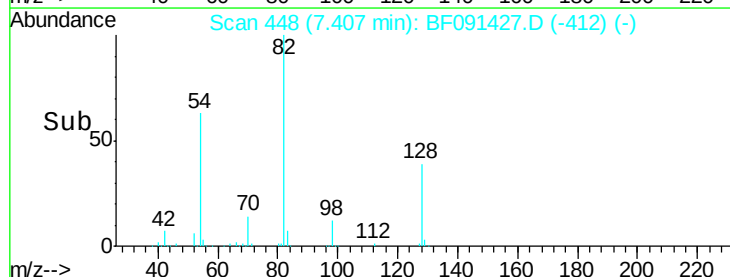
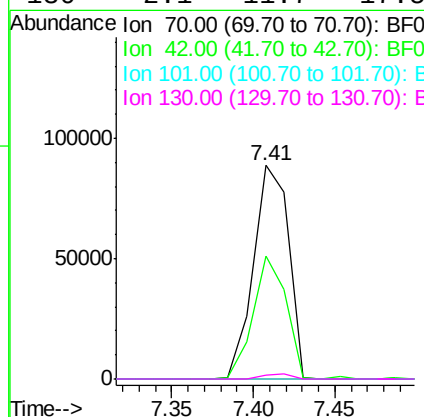
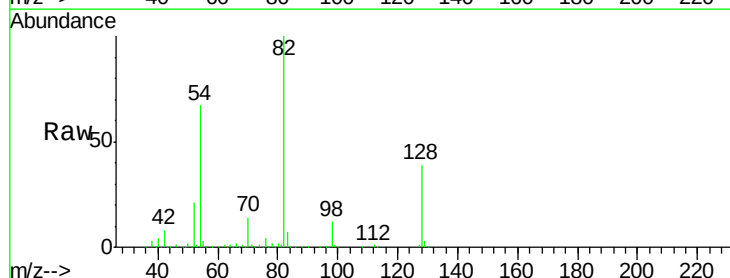
Ion Ratio Lower Upper

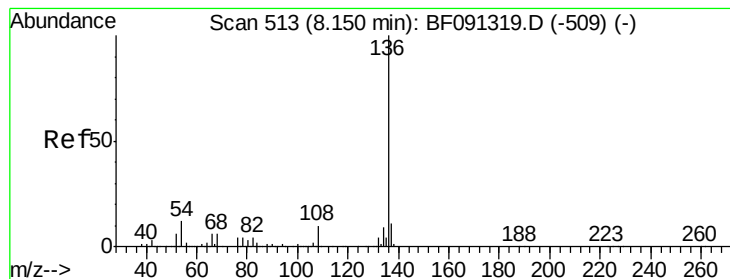
70 100

42 57.5 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: 8.13 min Scan# 511

Delta R.T. -0.04 min

Lab File: BF091427.D

Acq: 5 Dec 2016 19:32

Instrument :

BNA_F

ClientSampleId :

MW-15

Tgt Ion: 136 Resp: 516647

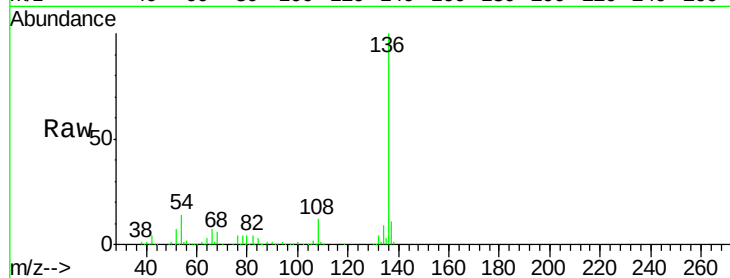
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 14.3 9.1 13.7#

68 5.9 5.9 8.9

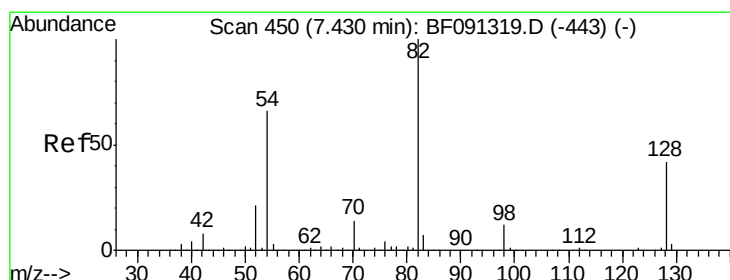
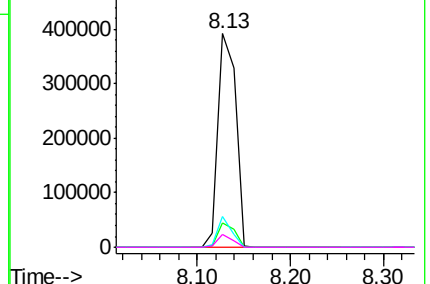
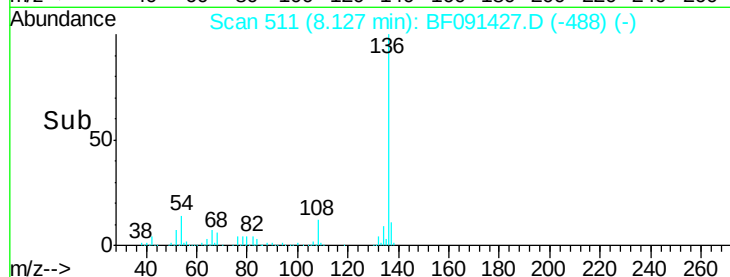


Abundance Ion 136.00 (135.70 to 136.70): E

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: 108.83 ng

RT: 7.41 min Scan# 448

Delta R.T. -0.04 min

Lab File: BF091427.D

Acq: 5 Dec 2016 19:32

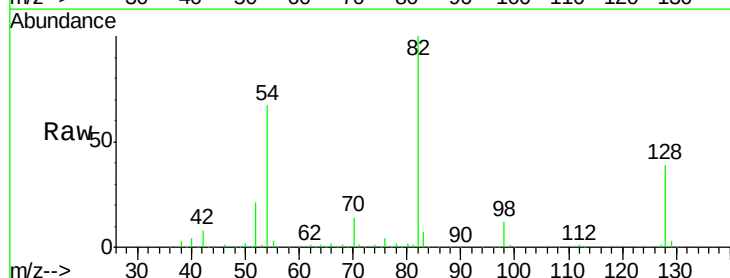
Tgt Ion: 82 Resp: 1003309

Ion Ratio Lower Upper

82 100

128 39.5 31.8 47.6

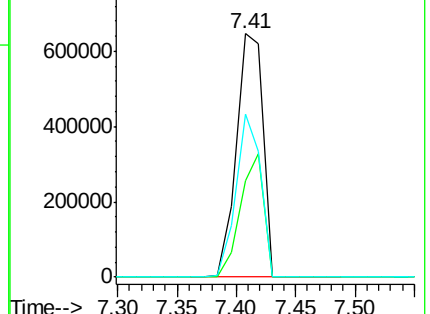
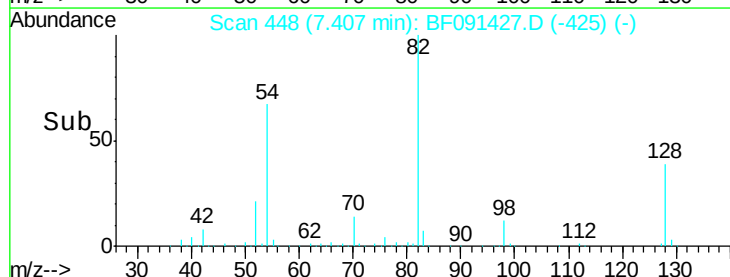
54 67.2 49.1 73.7

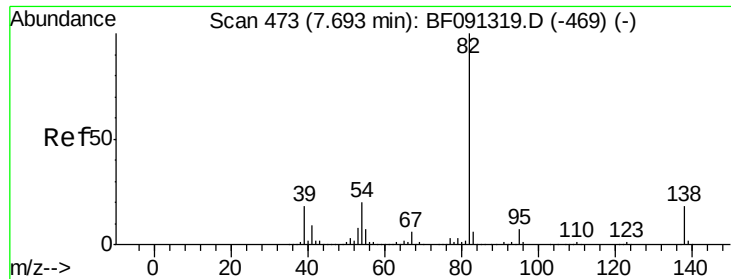


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 53.23 ng

RT: 7.41 min Scan# 448

Delta R.T. -0.30 min

Lab File: BF091427.D

Acq: 5 Dec 2016 19:32

Instrument :

BNA_F

ClientSampleId :

MW-15

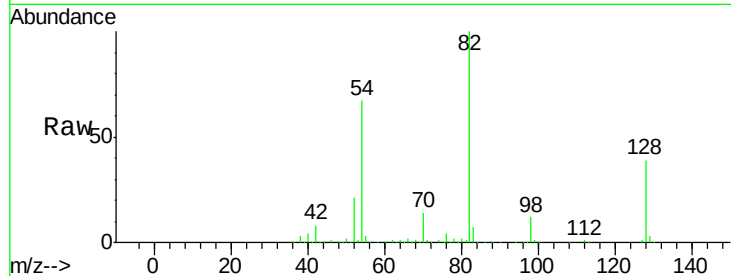
Tgt Ion: 82 Resp: 869335

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): E

7.41

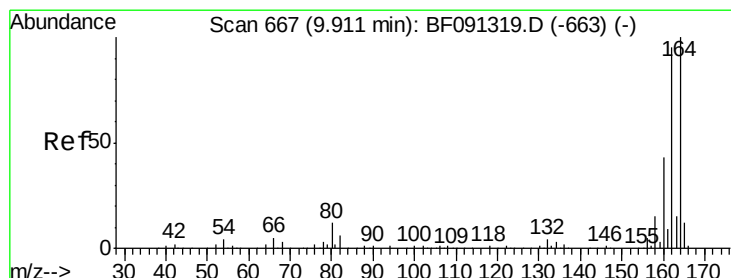
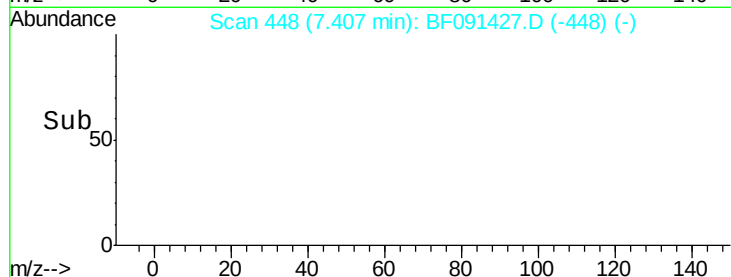
600000

400000

200000

0

Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 665

Delta R.T. -0.03 min

Lab File: BF091427.D

Acq: 5 Dec 2016 19:32

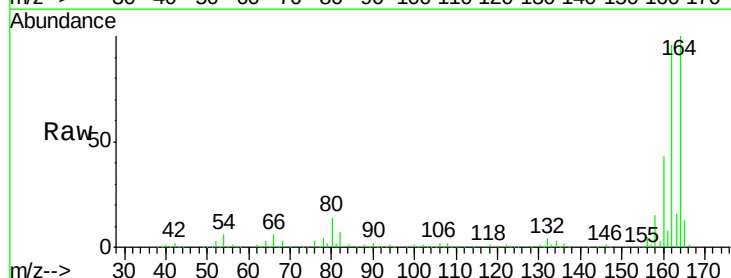
Tgt Ion: 164 Resp: 336061

Ion Ratio Lower Upper

164 100

162 96.2 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

9.89

500000

400000

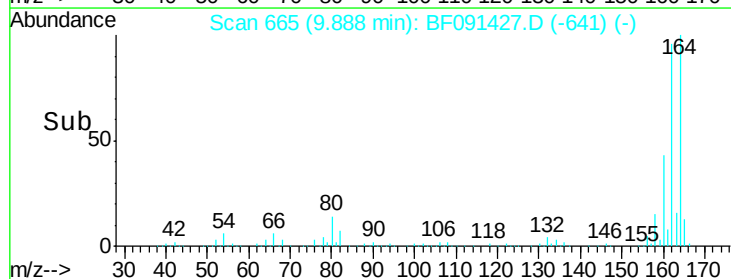
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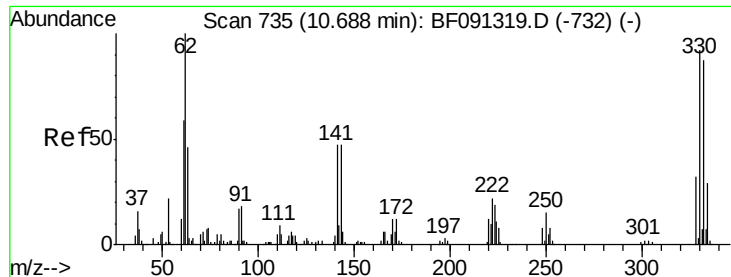
200000

100000

0

Time-->

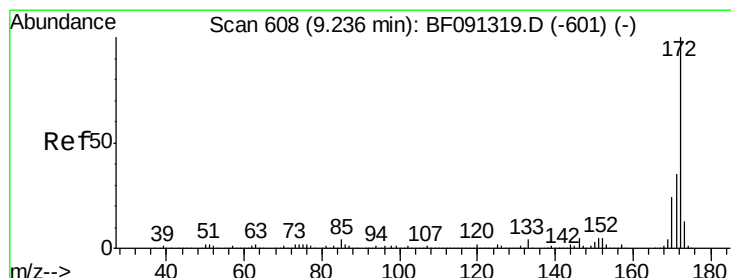
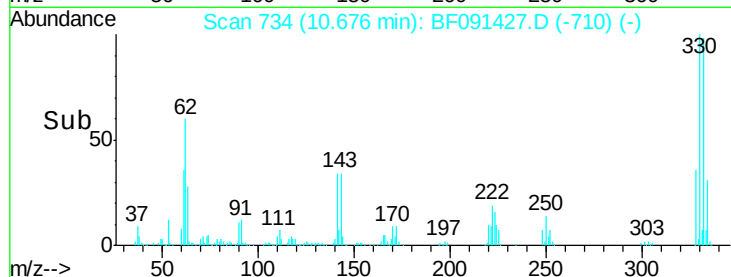
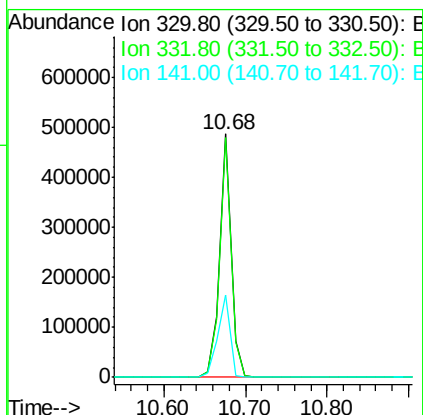
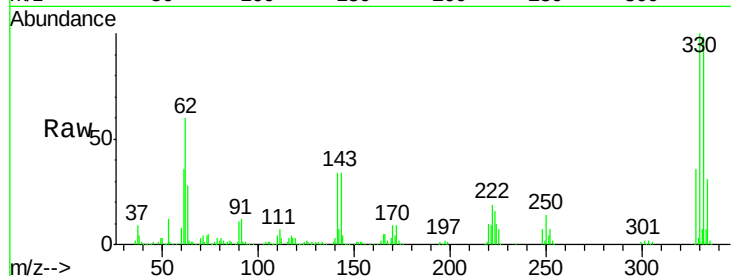




#41
 2,4,6-Tribromophenol
 Concen: 150.93 ng
 RT: 10.68 min Scan# 734
 Delta R.T. -0.03 min
 Lab File: BF091427.D
 Acq: 5 Dec 2016 19:32

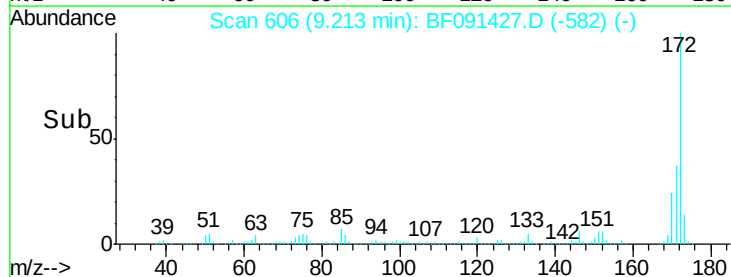
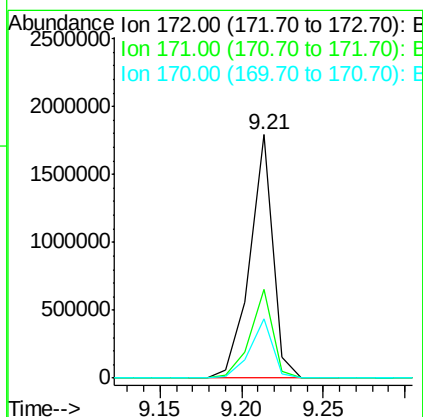
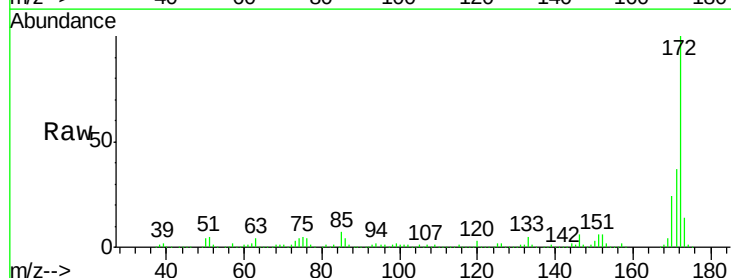
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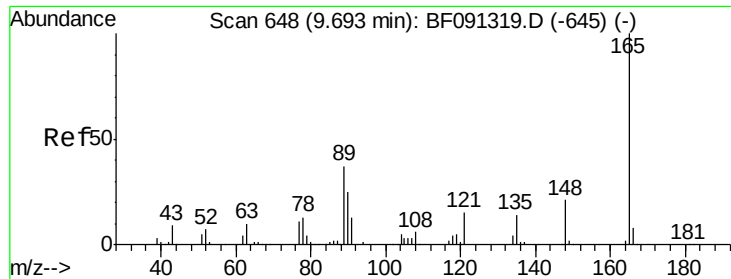
Tgt Ion:330 Resp: 480183
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.2 114.4
 141 35.7 33.6 50.4



#44
 2-Fluorobiphenyl
 Concen: 94.83 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.03 min
 Lab File: BF091427.D
 Acq: 5 Dec 2016 19:32

Tgt Ion:172 Resp: 1760136
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.4 19.7 29.5

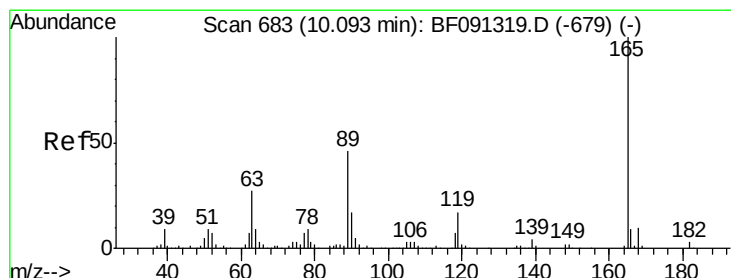
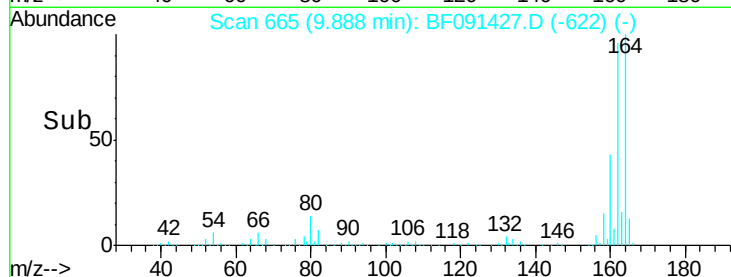
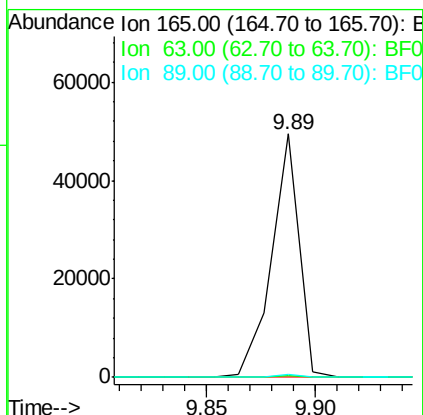
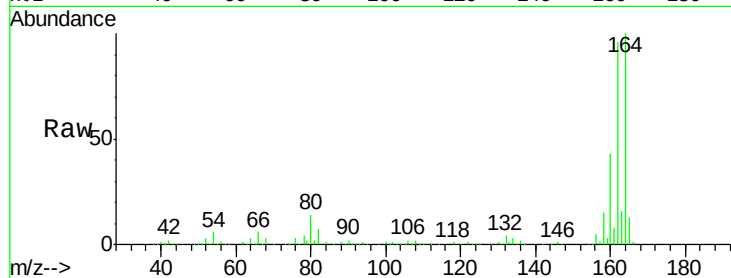




#50
 2,6-Dinitrotoluene
 Concen: 9.70 ng
 RT: 9.89 min Scan# 665
 Delta R.T. 0.19 min
 Lab File: BF091427.D
 Acq: 5 Dec 2016 19:32

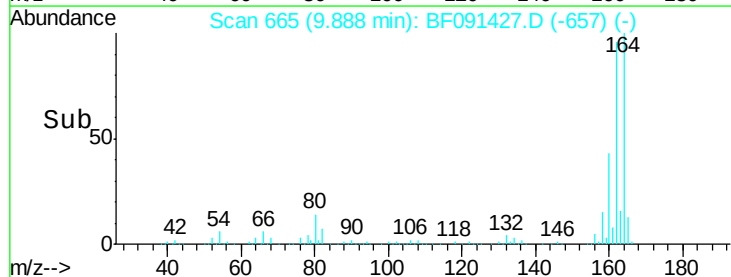
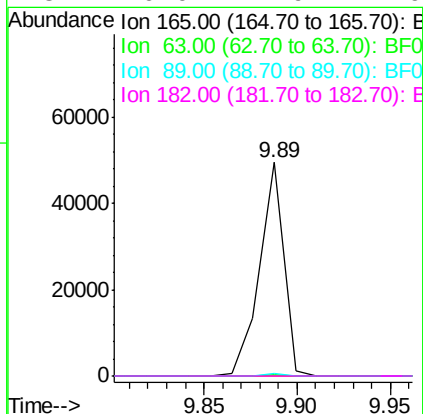
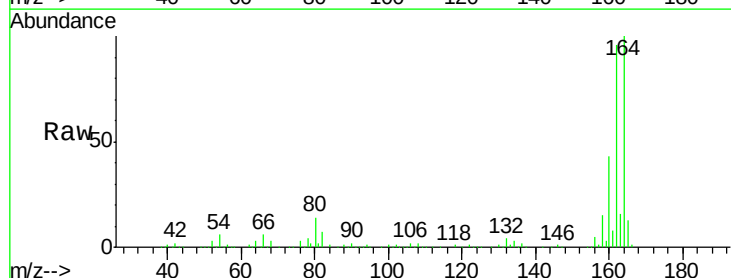
Instrument :
 BNA_F
 ClientSampleId :
 MW-15

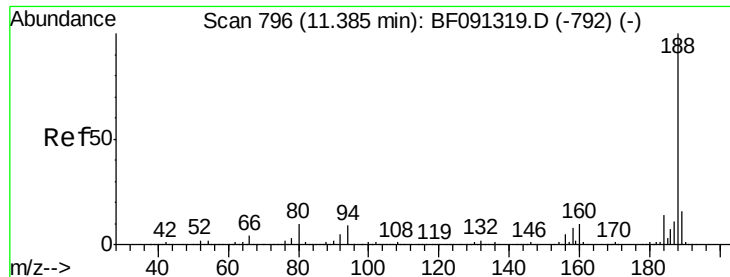
Tgt Ion:165 Resp: 44111
 Ion Ratio Lower Upper
 165 100
 63 0.8 59.4 89.0#
 89 1.1 50.8 76.2#



#56
 2,4-Dinitrotoluene
 Concen: 7.48 ng
 RT: 9.89 min Scan# 665
 Delta R.T. -0.21 min
 Lab File: BF091427.D
 Acq: 5 Dec 2016 19:32

Tgt Ion:165 Resp: 44112
 Ion Ratio Lower Upper
 165 100
 63 0.8 29.0 43.4#
 89 1.1 43.1 64.7#
 182 0.0 1.9 2.9#

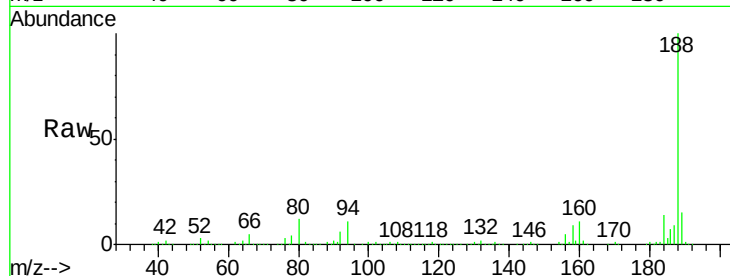




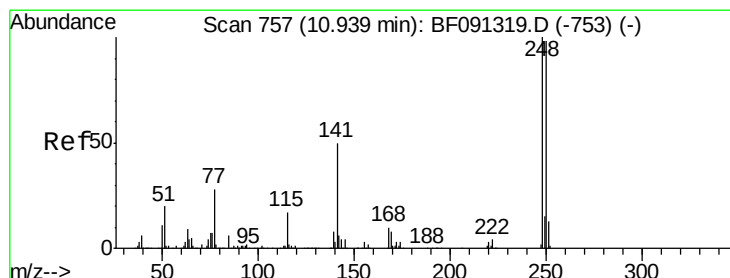
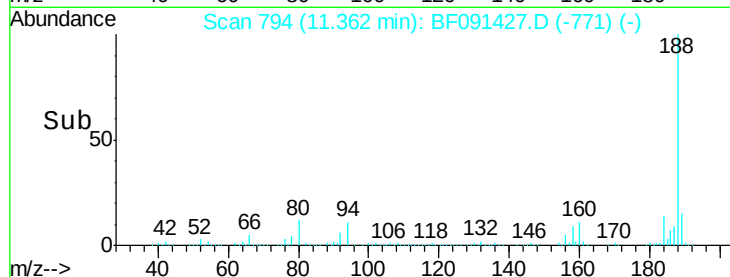
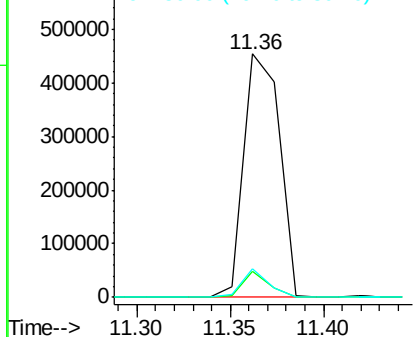
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 794
 Delta R.T. -0.04 min
 Lab File: BF091427.D
 Acq: 5 Dec 2016 19:32

Instrument :
 BNA_F
 ClientSampleId :
 MW-15

Tgt Ion:188 Resp: 604941
 Ion Ratio Lower Upper
 188 100
 94 10.7 9.2 13.8
 80 11.8 10.5 15.7

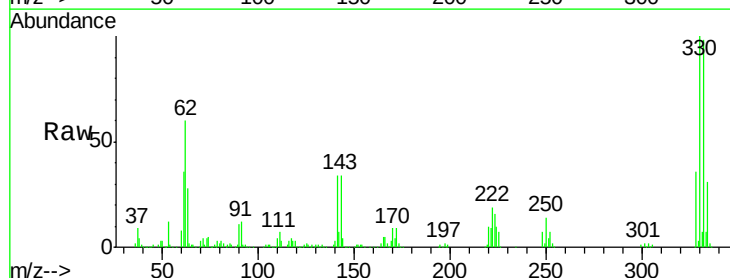


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

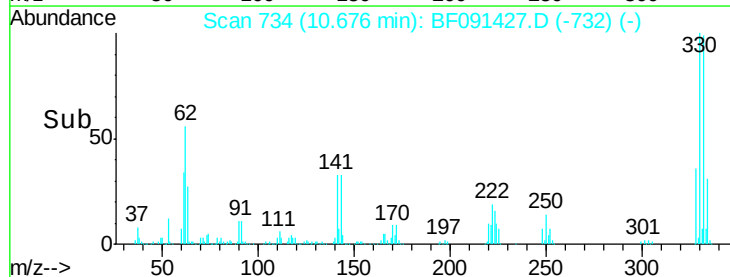
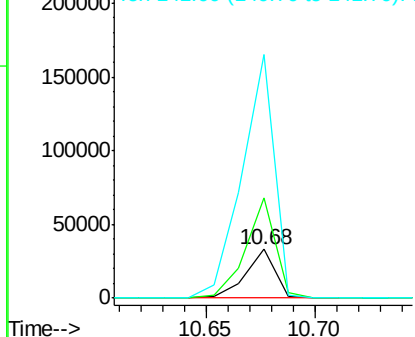


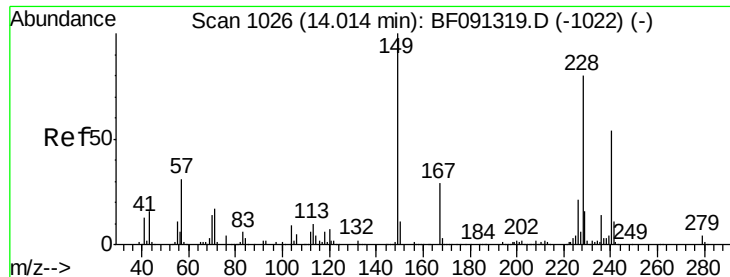
#66
 4-Bromophenyl-phenylether
 Concen: 4.83 ng
 RT: 10.68 min Scan# 734
 Delta R.T. -0.28 min
 Lab File: BF091427.D
 Acq: 5 Dec 2016 19:32

Tgt Ion:248 Resp: 31411
 Ion Ratio Lower Upper
 248 100
 250 205.8 78.2 117.4#
 141 497.6 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: 14.00 min Scan# 1025

Delta R.T. -0.04 min

Lab File: BF091427.D

Acq: 5 Dec 2016 19:32

Instrument :

BNA_F

ClientSampleId :

MW-15

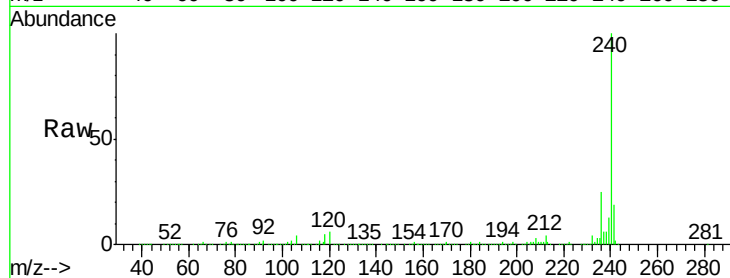
Tgt Ion:240 Resp: 556241

Ion Ratio Lower Upper

240 100

120 6.3 12.1 18.1#

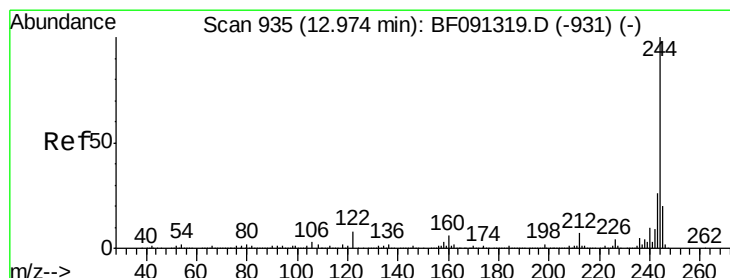
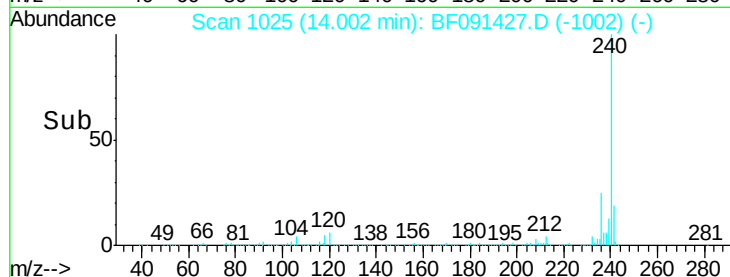
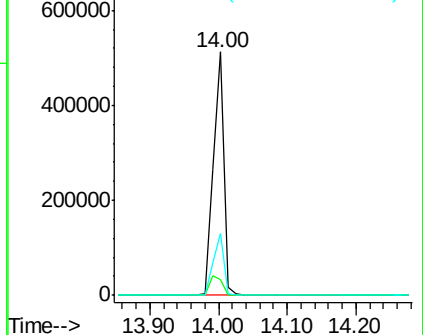
236 25.4 21.0 31.6



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: 86.75 ng

RT: 12.96 min Scan# 934

Delta R.T. -0.03 min

Lab File: BF091427.D

Acq: 5 Dec 2016 19:32

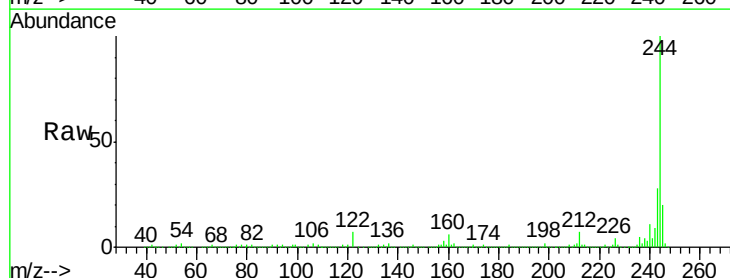
Tgt Ion:244 Resp: 2220187

Ion Ratio Lower Upper

244 100

212 7.1 6.5 9.7

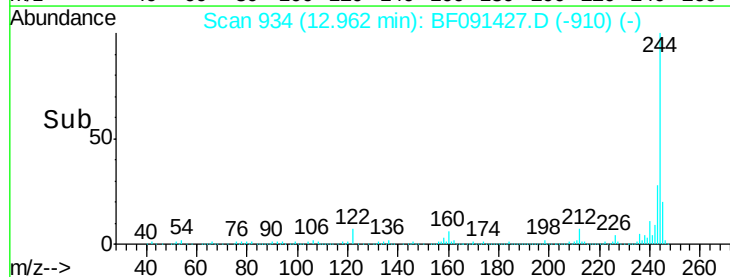
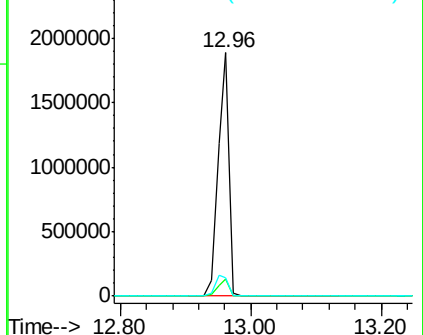
122 7.5 9.5 14.3#

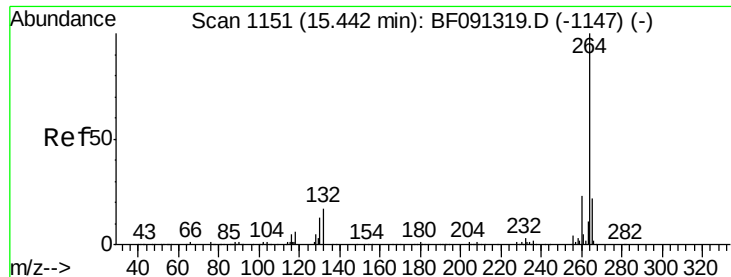


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.42 min Scan# 1149
Delta R.T. -0.05 min
Lab File: BF091427.D
Acq: 5 Dec 2016 19:32

Instrument :
BNA_F
ClientSampleId :
MW-15

Tgt Ion:	264	Resp:	361633
Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.8	28.2
265	22.3	17.0	25.6

