

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110816\
 Data File : BF091110.D
 Acq On : 9 Nov 2016 5:05
 Operator : UM/SJ
 Sample : H5593-06
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EAST-SIDEWALL

Quant Time: Nov 09 06:06:20 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	6.66	152	183124	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	721200	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	352033	20.00	ng	0.00
63) Phenanthrene-d10	11.17	188	451712	20.00	ng	0.00
75) Chrysene-d12	13.80	240	345274	20.00	ng	-0.01
86) Perylene-d12	15.19	264	308735	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1113980	100.47	ng	0.01
7) Phenol-d6	6.32	99	1405511	93.39	ng	0.00
23) Nitrobenzene-d5	7.23	82	905293	68.48	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	258770	81.31	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	1157340	56.60	ng	-0.01
78) Terphenyl-d14	12.76	244	854325	61.75	ng	0.00

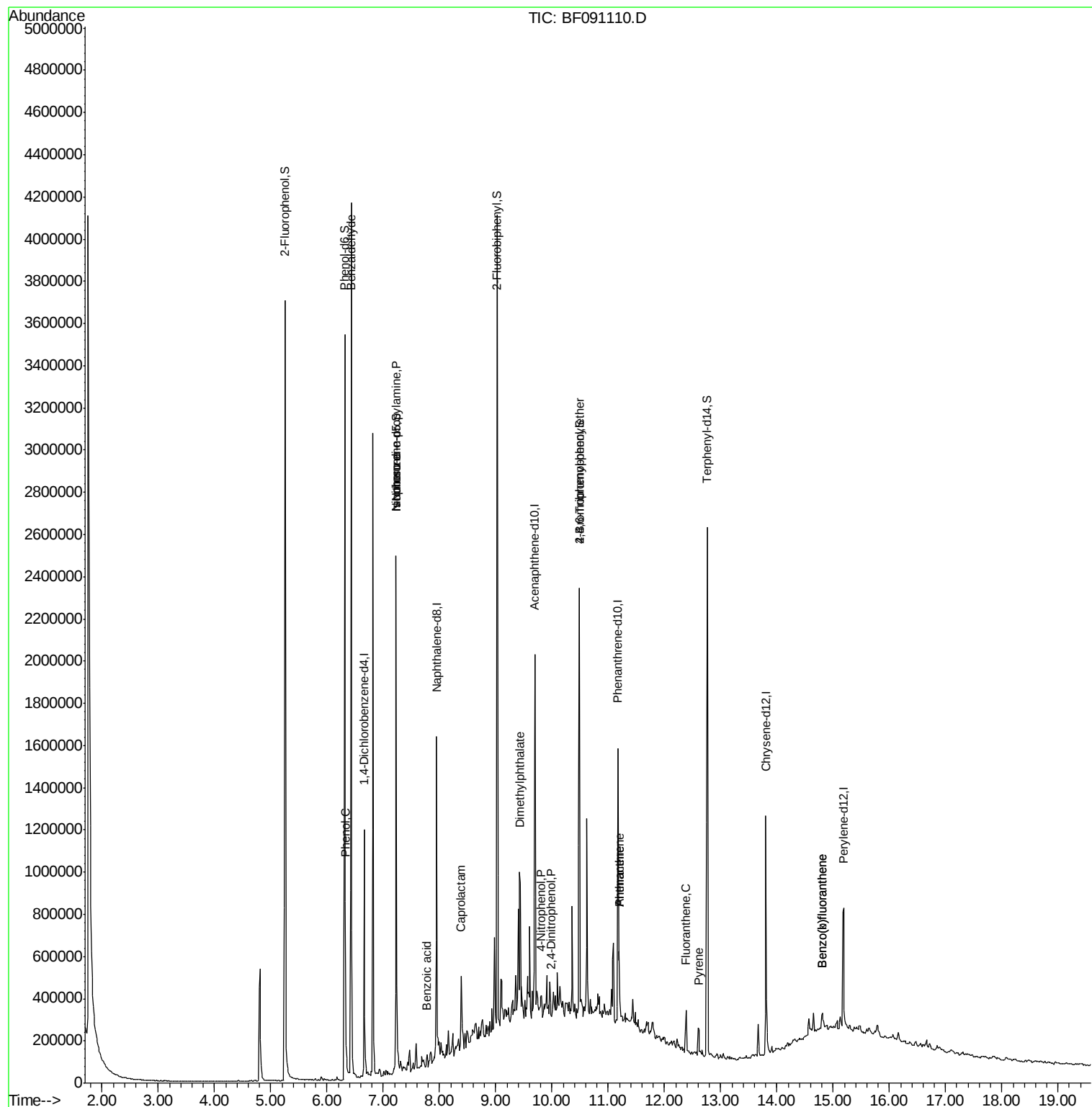
Target Compounds						Qvalue
9) Benzaldehyde	6.43	77	27896	3.34	ng	85
10) Phenol	6.33	94	80308	4.82	ng	# 66
19) n-Nitroso-di-n-propylamine	7.23	70	129182	12.39	ng	# 79
25) Isophorone	7.23	82	775166	30.43	ng	# 68
32) Benzoic acid	7.78	122	226	5.10	ng	# 1
35) Caprolactam	8.38	113	7514	2.68	ng	# 8
49) Dimethylphthalate	9.42	163	214957	9.31	ng	98
53) 2,4-Dinitrophenol	9.98	184	483	6.42	ng	# 35
55) 4-Nitrophenol	9.80	139	2397	6.30	ng	# 1
66) 4-Bromophenyl-phenylether	10.49	248	18272	3.89	ng	# 1
70) Phenanthrene	11.20	178	107313	4.47	ng	97
71) Anthracene	11.20	178	107313	4.20	ng	98
74) Fluoranthene	12.38	202	85287	3.42	ng	92
77) Pyrene	12.61	202	75560	3.34	ng	98
87) Benzo(b)fluoranthene	14.81	252	49573	2.37	ng	# 86
88) Benzo(k)fluoranthene	14.81	252	49573	2.70	ng	# 90

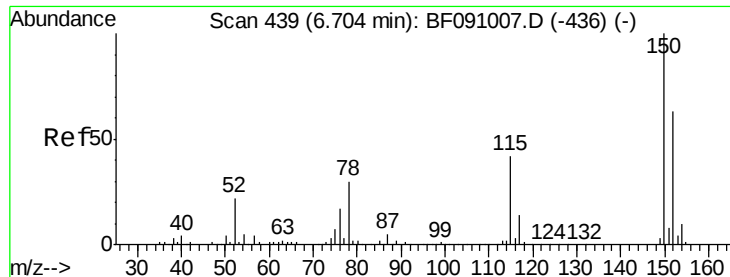
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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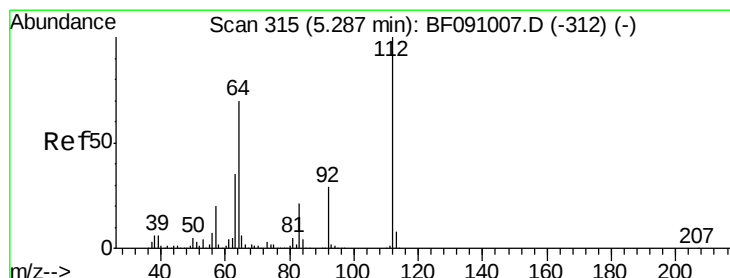
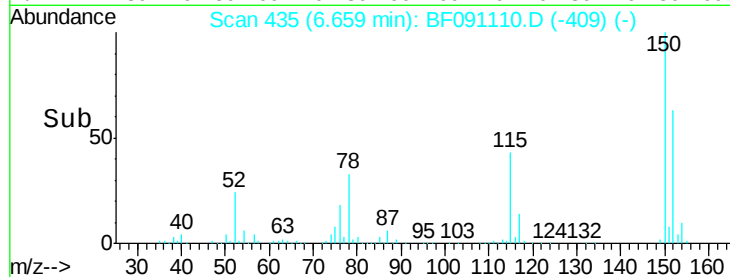
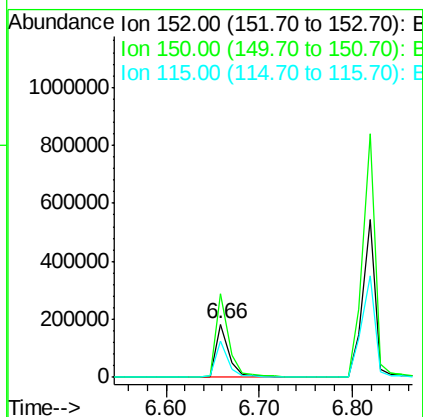
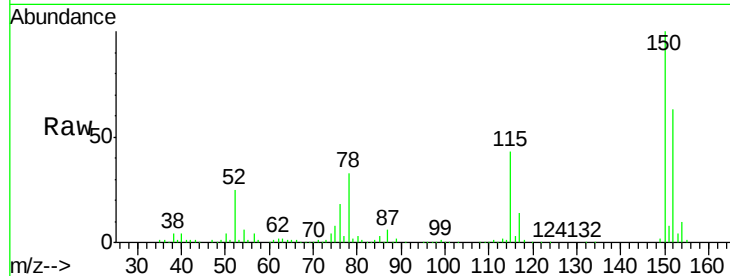




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.66 min Scan# 435
 Delta R.T. -0.00 min
 Lab File: BF091110.D
 Acq: 9 Nov 2016 5:05

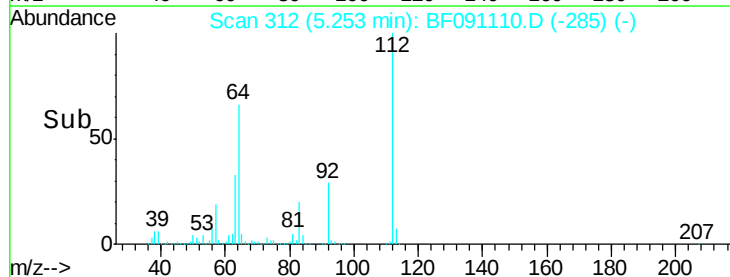
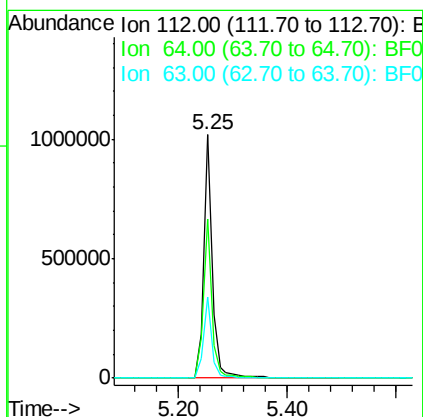
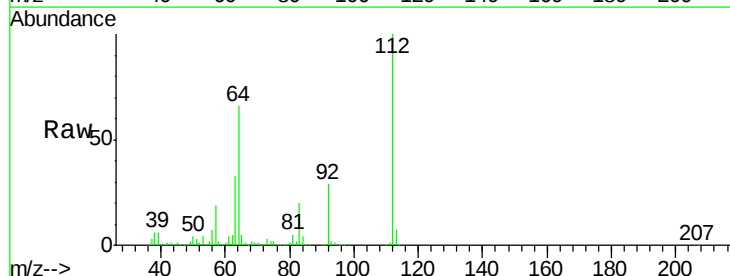
Instrument :
 BNA_F
 ClientSampleId :
 EAST-SIDEWALL

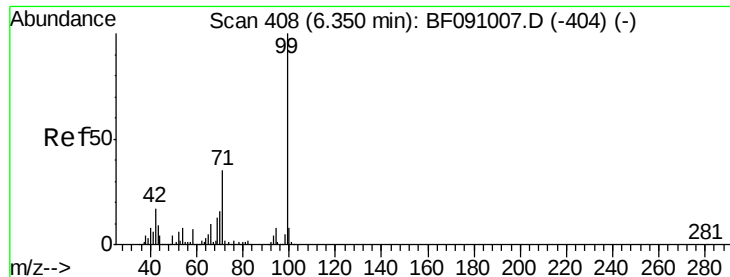
Tgt Ion:152 Resp: 183124
 Ion Ratio Lower Upper
 152 100
 150 158.7 126.8 190.2
 115 68.5 53.3 79.9



#5
 2-Fluorophenol
 Concen: 100.47 ng
 RT: 5.25 min Scan# 312
 Delta R.T. 0.01 min
 Lab File: BF091110.D
 Acq: 9 Nov 2016 5:05

Tgt Ion:112 Resp: 1113980
 Ion Ratio Lower Upper
 112 100
 64 65.6 55.8 83.6
 63 33.1 28.0 42.0





#7

Phenol-d6

Concen: 93.39 ng

RT: 6.32 min Scan# 405

Delta R.T. -0.00 min

Lab File: BF091110.D

Acq: 9 Nov 2016 5:05

Instrument :

BNA_F

ClientSampleId :

EAST-SIDEWALL

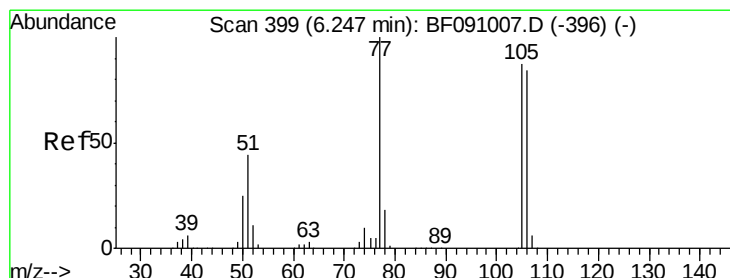
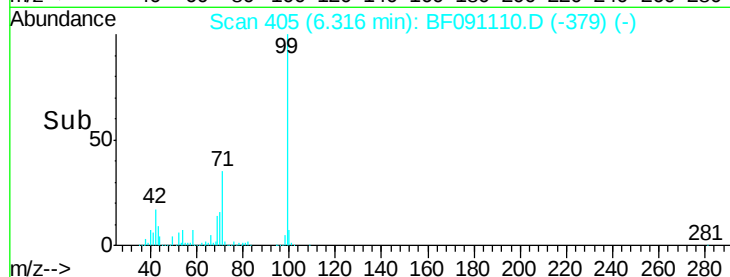
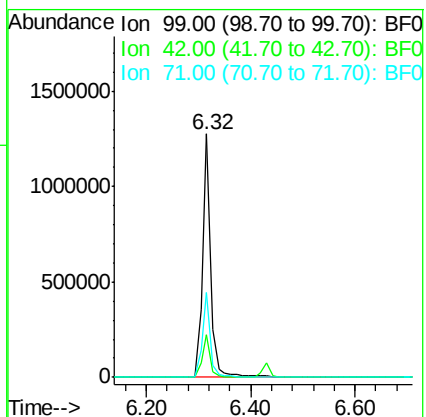
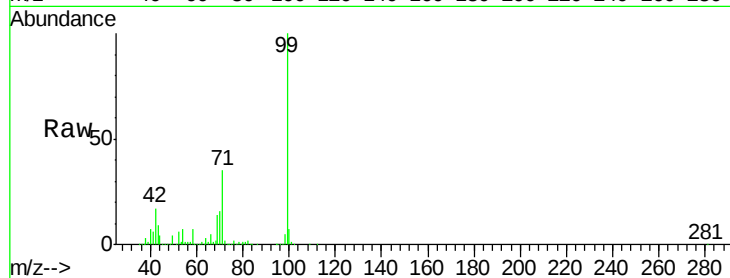
Tgt Ion: 99 Resp: 1405511

Ion Ratio Lower Upper

99 100

42 17.4 13.9 20.9

71 34.7 27.8 41.8



#9

Benzaldehyde

Concen: 3.34 ng

RT: 6.43 min Scan# 415

Delta R.T. 0.23 min

Lab File: BF091110.D

Acq: 9 Nov 2016 5:05

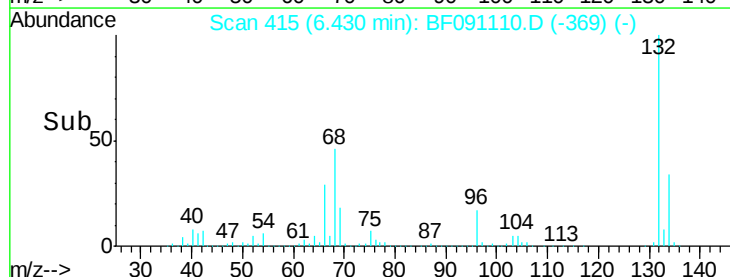
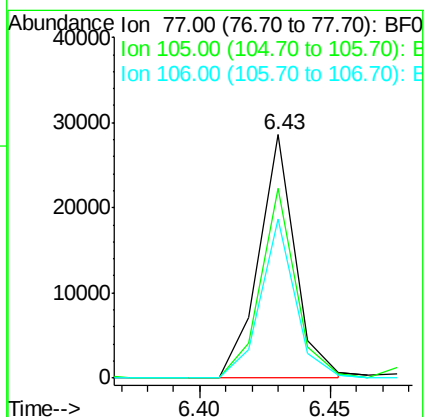
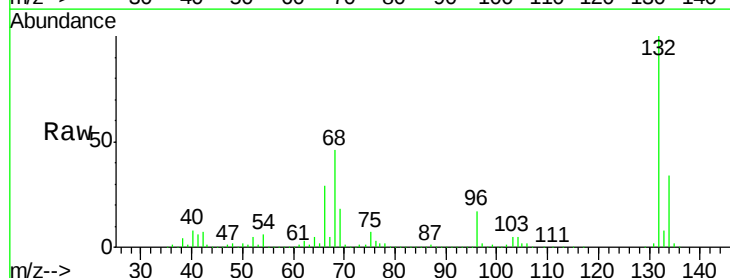
Tgt Ion: 77 Resp: 27896

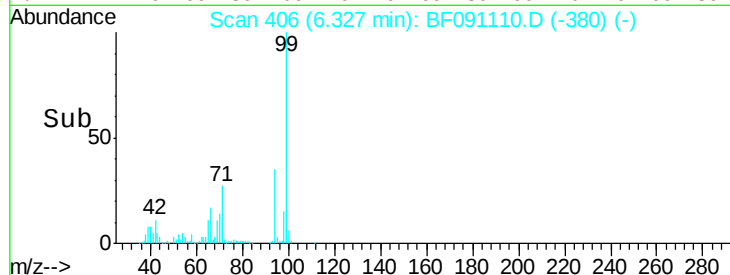
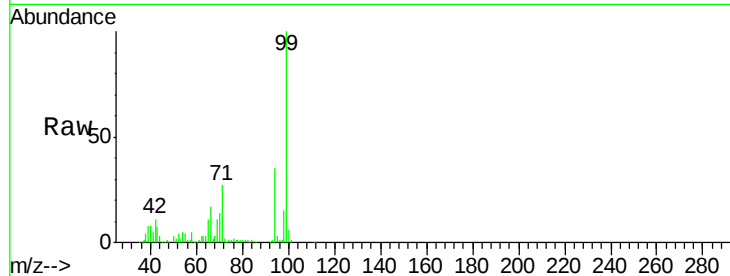
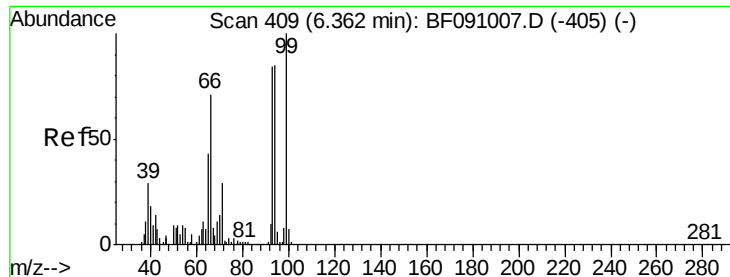
Ion Ratio Lower Upper

77 100

105 78.0 66.8 106.8

106 65.4 64.0 104.0





#10

Phenol

Concen: 4.82 ng

RT: 6.33 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF091110.D

Acq: 9 Nov 2016 5:05

Instrument :

BNA_F

ClientSampled :

EAST-SIDEWALL

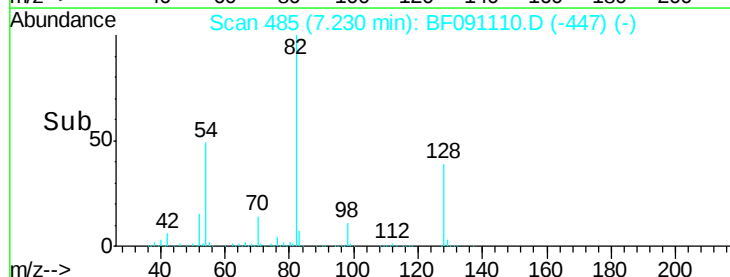
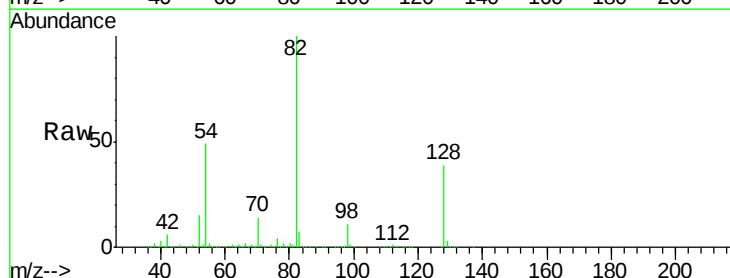
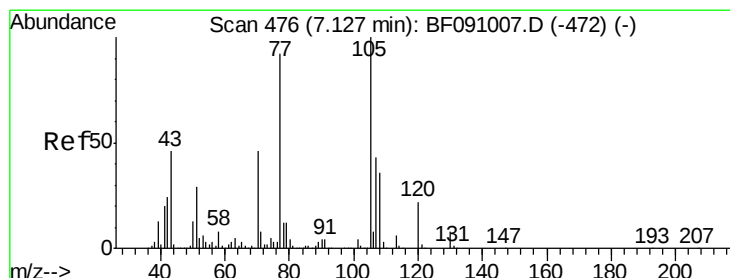
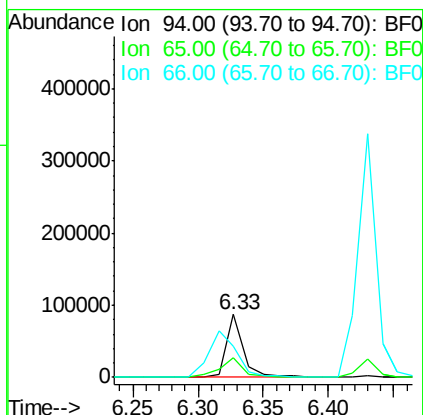
Tgt Ion: 94 Resp: 80308

Ion Ratio Lower Upper

94 100

65 31.5 30.4 70.4

66 48.8 62.9 102.9#



#19

n-Nitroso-di-n-propylamine

Concen: 12.39 ng

RT: 7.23 min Scan# 485

Delta R.T. 0.14 min

Lab File: BF091110.D

Acq: 9 Nov 2016 5:05

Tgt Ion: 70 Resp: 129182

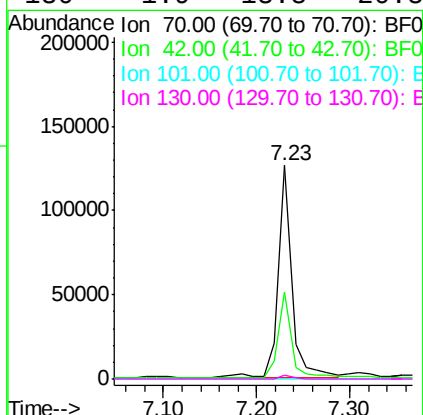
Ion Ratio Lower Upper

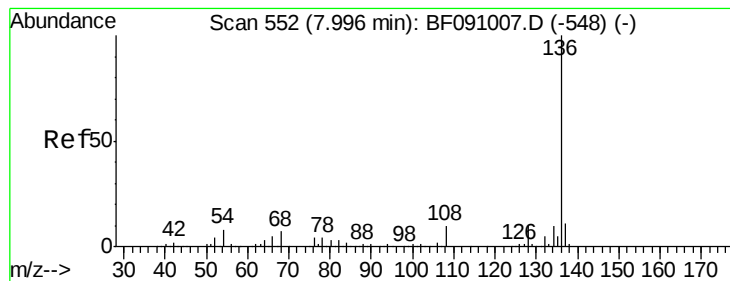
70 100

42 40.9 41.7 62.5#

101 0.0 6.7 10.1#

130 1.9 13.8 20.8#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 548

Delta R.T. -0.00 min

Lab File: BF091110.D

Acq: 9 Nov 2016 5:05

Instrument :

BNA_F

ClientSampleId :

EAST-SIDEWALL

Tgt Ion:136 Resp: 721200

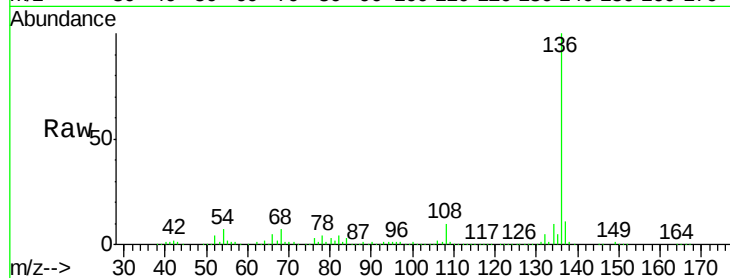
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 7.4 6.2 9.2

68 6.6 5.5 8.3

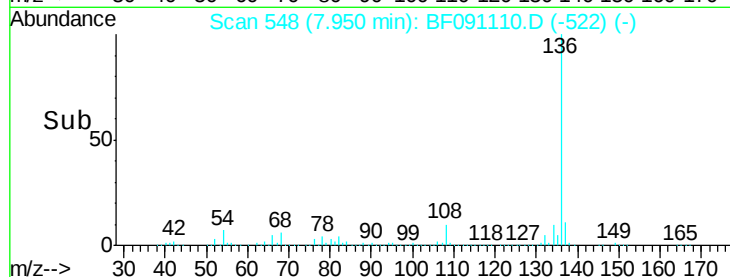


Abundance Ion 136.00 (135.70 to 136.70): E

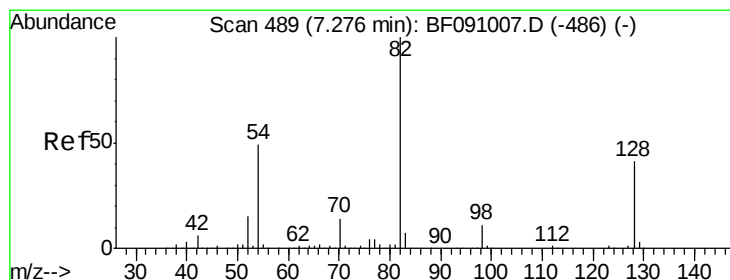
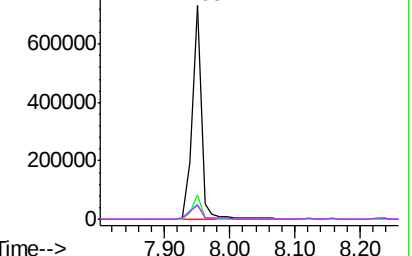
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 68.48 ng

RT: 7.23 min Scan# 485

Delta R.T. -0.01 min

Lab File: BF091110.D

Acq: 9 Nov 2016 5:05

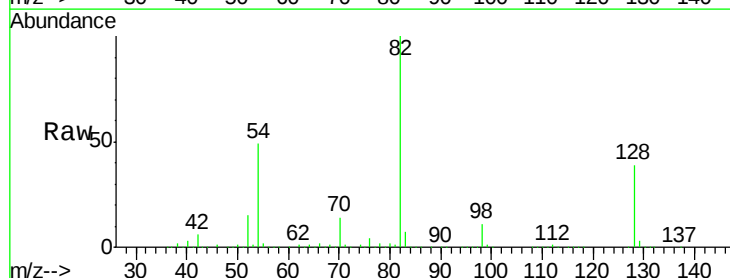
Tgt Ion: 82 Resp: 905293

Ion Ratio Lower Upper

82 100

128 39.4 32.4 48.6

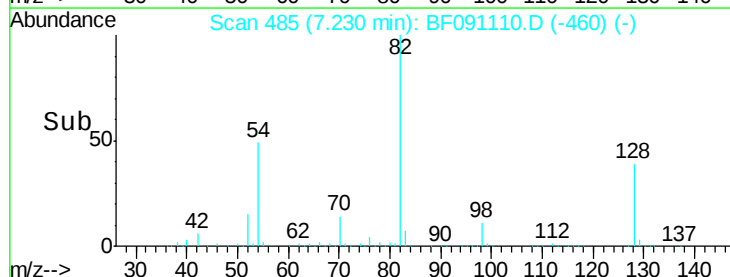
54 49.4 39.2 58.8



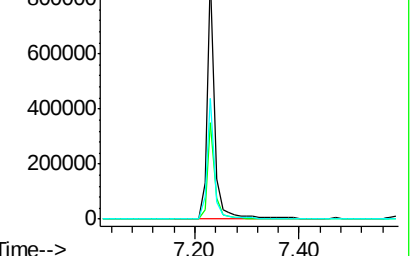
Abundance Ion 82.00 (81.70 to 82.70): BF0

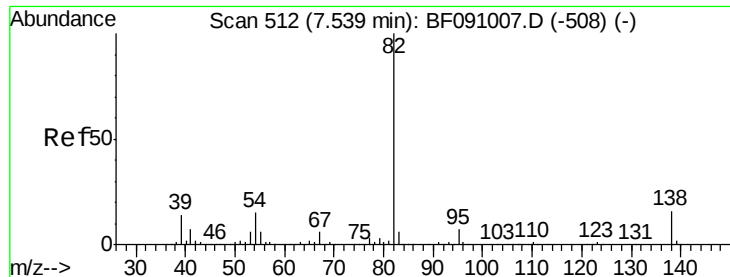
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#25

Isophorone

Concen: 30.43 ng

RT: 7.23 min Scan# 485

Delta R.T. -0.26 min

Lab File: BF091110.D

Acq: 9 Nov 2016 5:05

Instrument :

BNA_F

ClientSampleId :

EAST-SIDEWALL

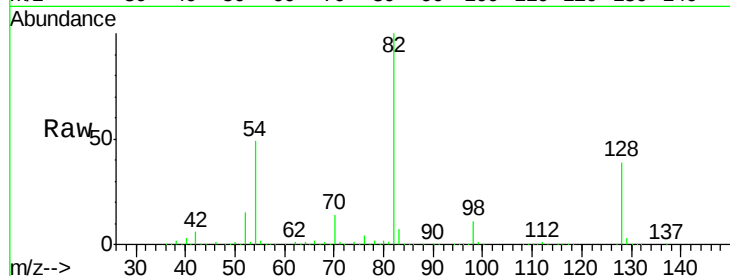
Tgt Ion: 82 Resp: 775166

Ion Ratio Lower Upper

82 100

95 0.2 5.4 8.0#

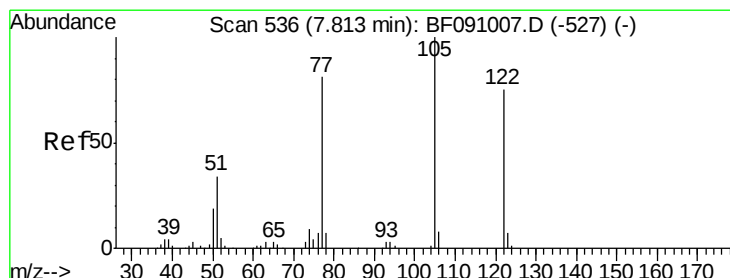
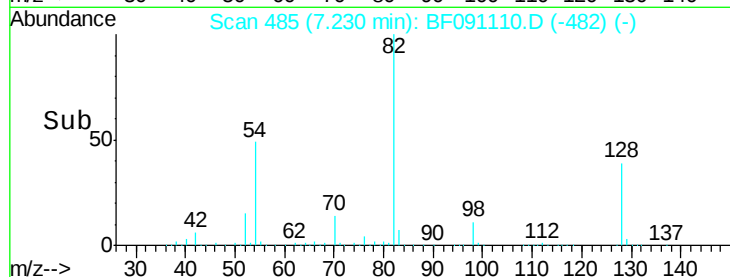
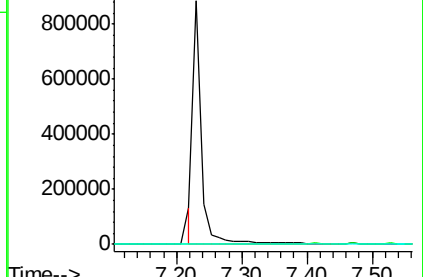
138 0.0 13.0 19.4#



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



#32

Benzoic acid

Concen: 5.10 ng

RT: 7.78 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF091110.D

Acq: 9 Nov 2016 5:05

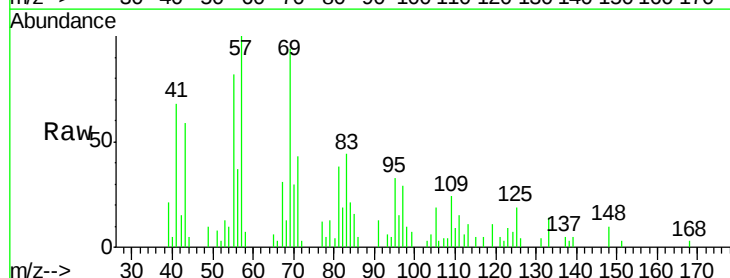
Tgt Ion: 122 Resp: 226

Ion Ratio Lower Upper

122 100

105 643.5 105.9 145.9#

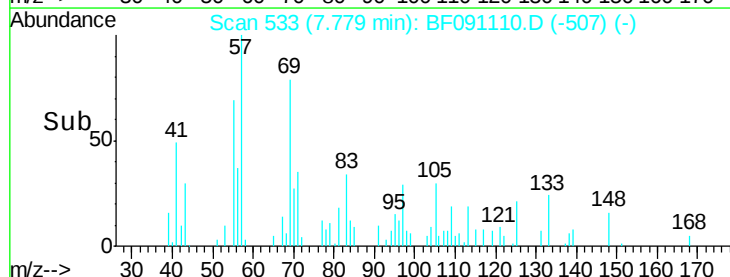
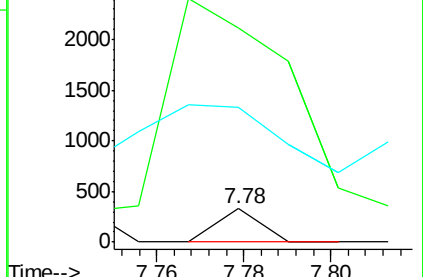
77 403.3 84.0 124.0#

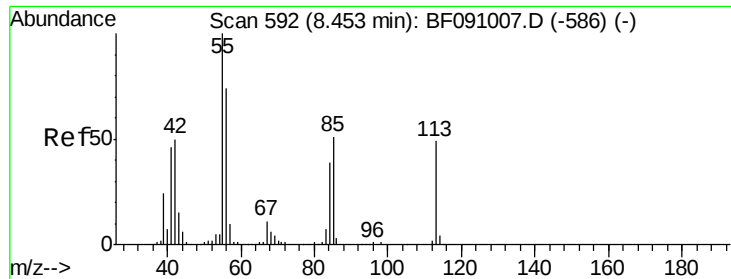


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#35

Caprolactam

Concen: 2.68 ng

RT: 8.38 min Scan# 586

Delta R.T. -0.03 min

Lab File: BF091110.D

Acq: 9 Nov 2016 5:05

Instrument :

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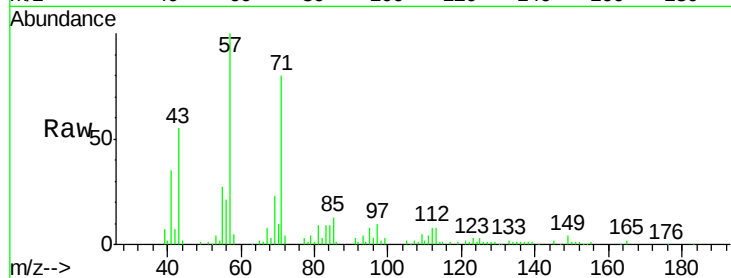
Tgt Ion:113 Resp: 7514

Ion Ratio Lower Upper

113 100

55 347.1 184.1 224.1#

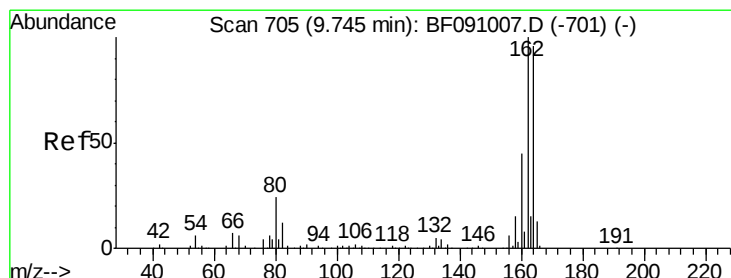
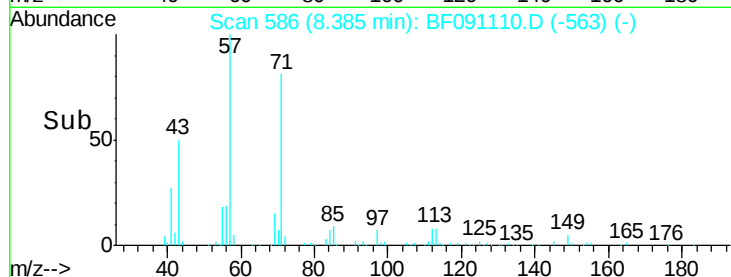
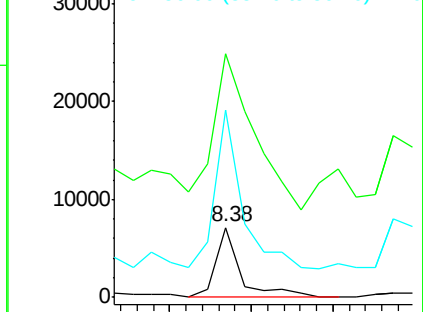
56 267.7 132.0 172.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.70 min Scan# 701

Delta R.T. -0.00 min

Lab File: BF091110.D

Acq: 9 Nov 2016 5:05

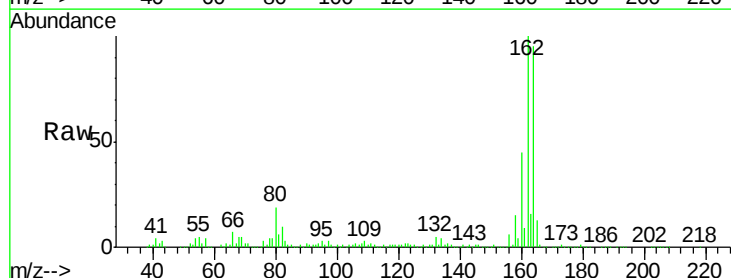
Tgt Ion:164 Resp: 352033

Ion Ratio Lower Upper

164 100

162 104.8 83.6 125.4

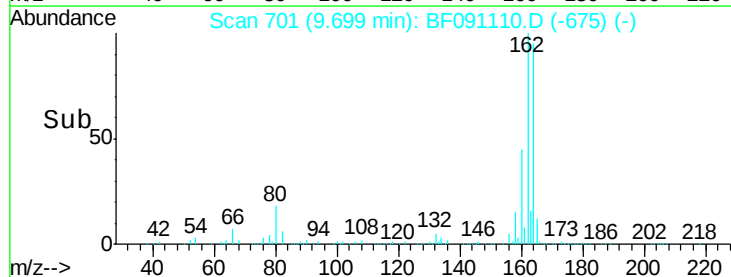
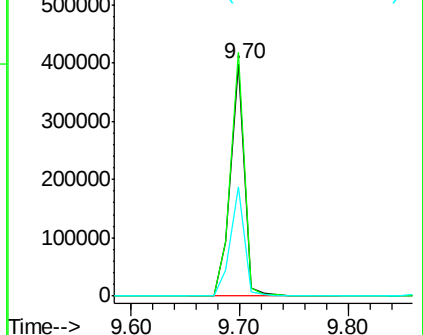
160 47.3 37.9 56.9

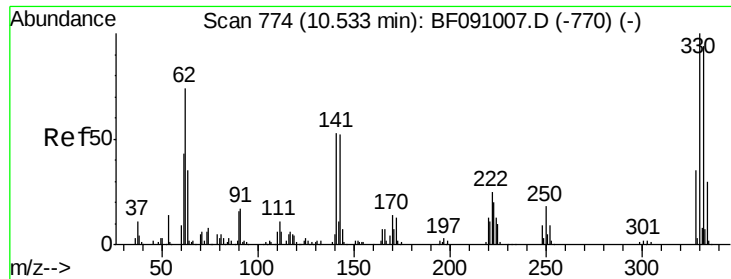


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

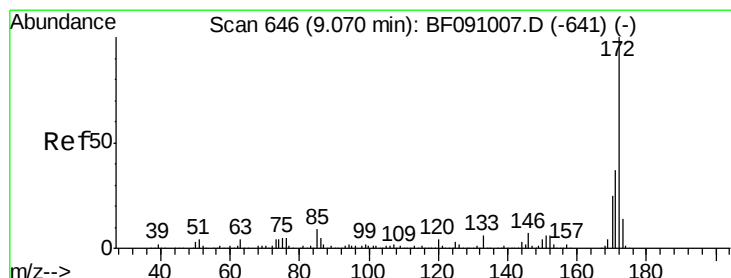
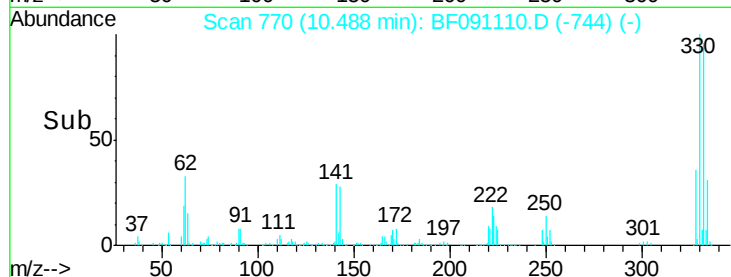
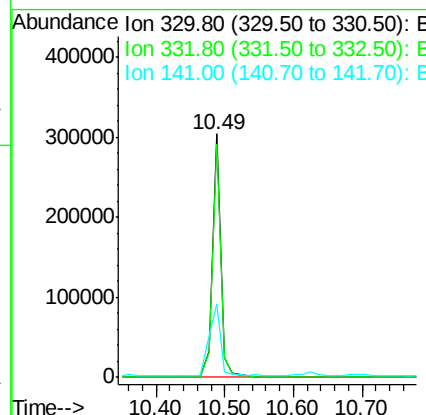
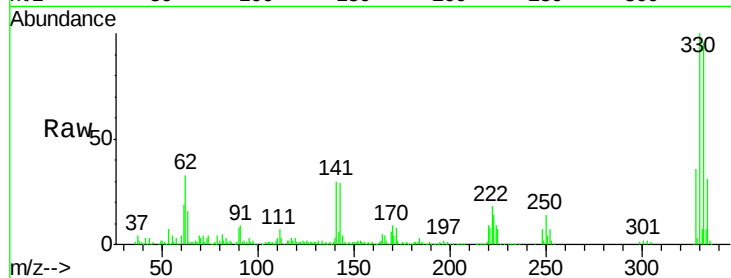




#41
 2,4,6-Tribromophenol
 Concen: 81.31 ng
 RT: 10.49 min Scan# 770
 Delta R.T. -0.00 min
 Lab File: BF091110.D
 Acq: 9 Nov 2016 5:05

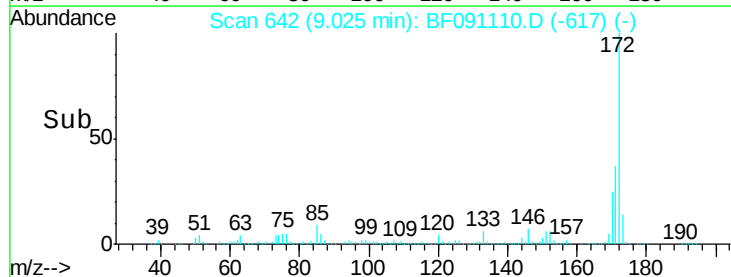
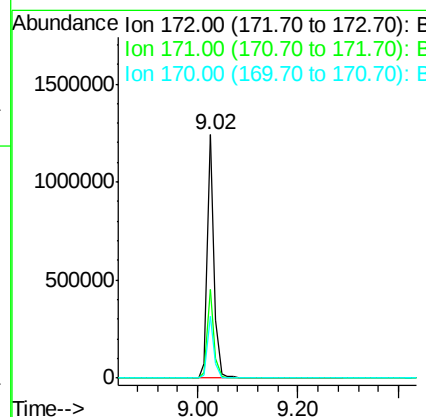
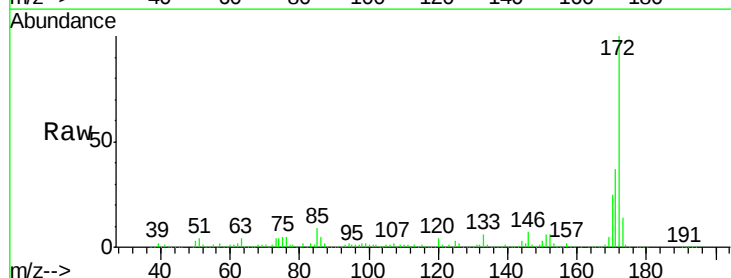
Instrument :
 BNA_F
 ClientSampleId :
 EAST-SIDEWALL

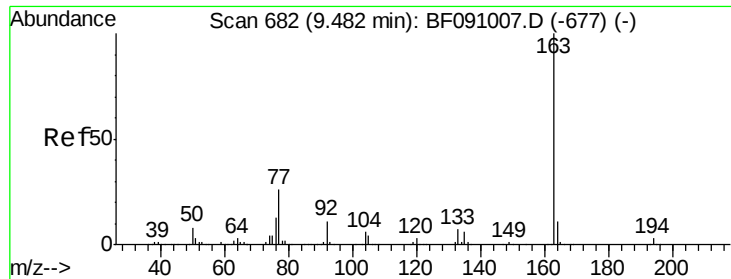
Tgt Ion:330 Resp: 258770
 Ion Ratio Lower Upper
 330 100
 332 96.0 75.9 113.9
 141 41.2 36.1 54.1



#44
 2-Fluorobiphenyl
 Concen: 56.60 ng
 RT: 9.02 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF091110.D
 Acq: 9 Nov 2016 5:05

Tgt Ion:172 Resp: 1157340
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.8 44.6
 170 25.2 20.3 30.5





#49

Dimethylphthalate

Concen: 9.31 ng

RT: 9.42 min Scan# 677

Delta R.T. -0.01 min

Lab File: BF091110.D

Acq: 9 Nov 2016 5:05

Instrument :

BNA_F

ClientSampleId :

EAST-SIDEWALL

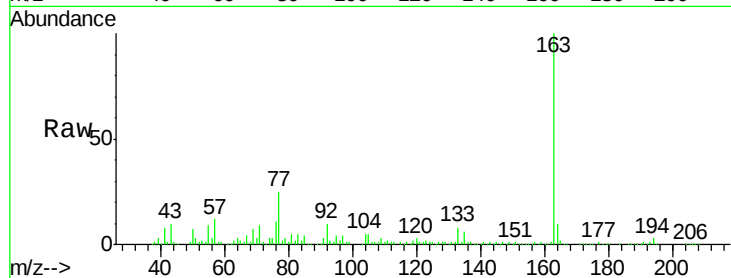
Tgt Ion:163 Resp: 214957

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

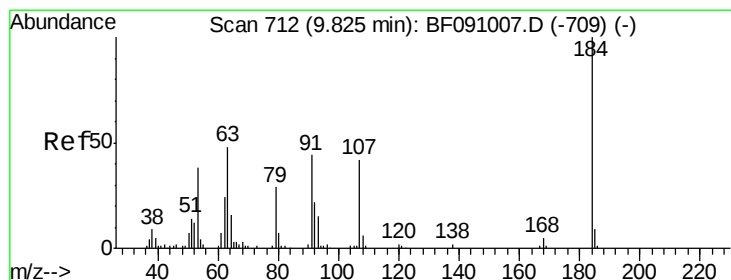
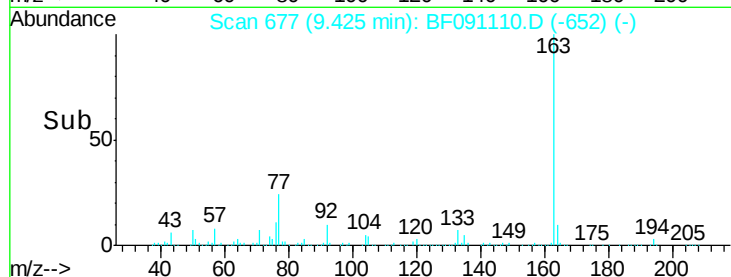
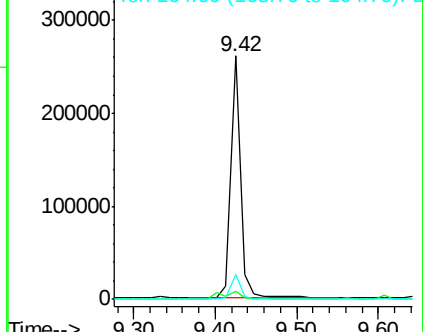
164 9.9 8.7 13.1



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



#53

2,4-Dinitrophenol

Concen: 6.42 ng

RT: 9.98 min Scan# 726

Delta R.T. 0.21 min

Lab File: BF091110.D

Acq: 9 Nov 2016 5:05

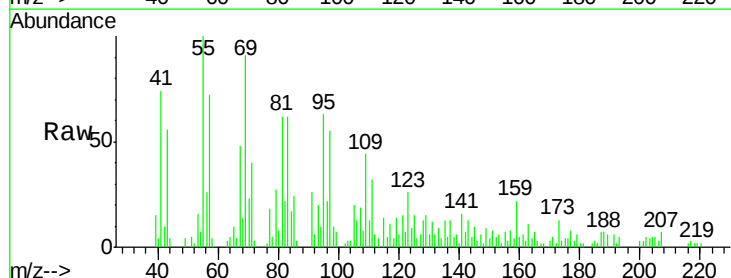
Tgt Ion:184 Resp: 483

Ion Ratio Lower Upper

184 100

63 123.6 45.5 68.3#

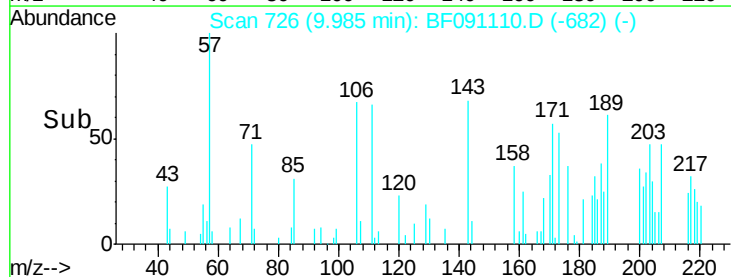
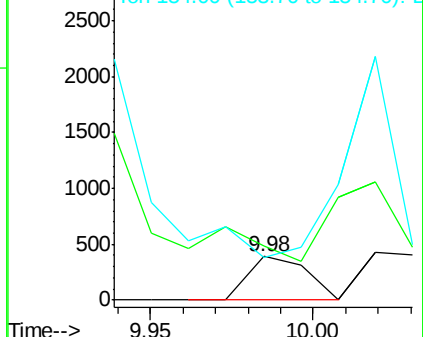
154 96.9 51.0 76.4#

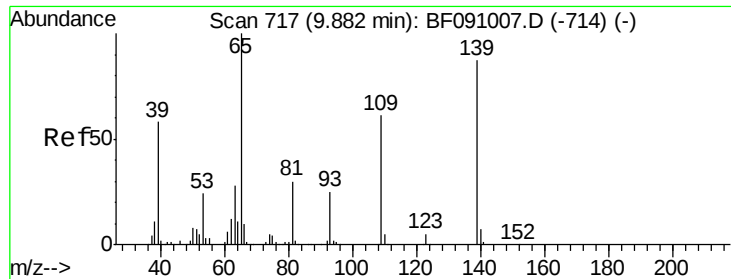


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#55

4-Nitrophenol

Concen: 6.30 ng

RT: 9.80 min Scan# 710

Delta R.T. -0.05 min

Lab File: BF091110.D

Acq: 9 Nov 2016 5:05

Instrument :

BNA_F

ClientSampleId :

EAST-SIDEWALL

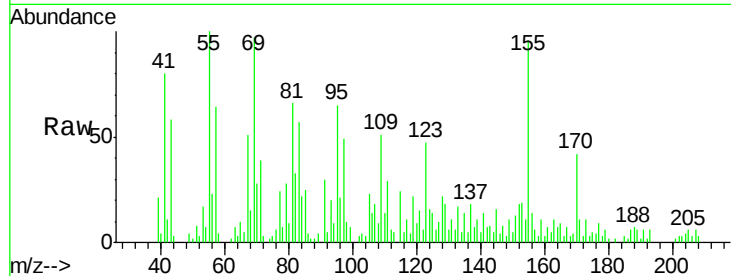
Tgt Ion:139 Resp: 2397

Ion Ratio Lower Upper

139 100

109 477.9 50.5 90.5#

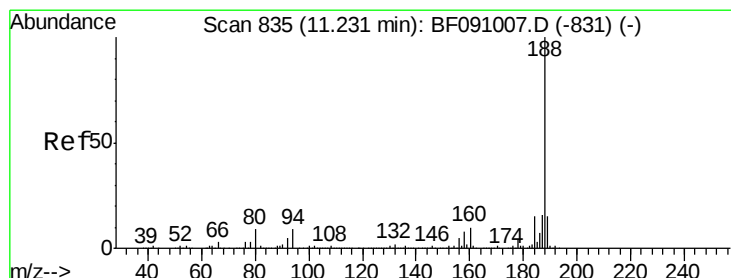
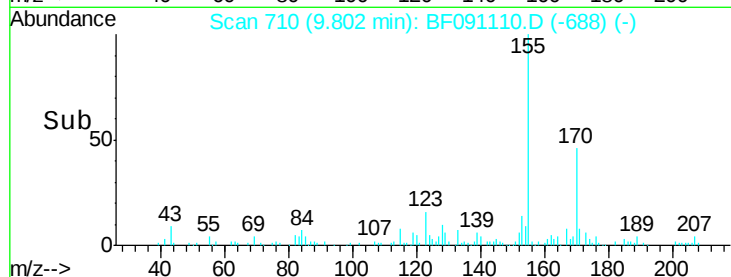
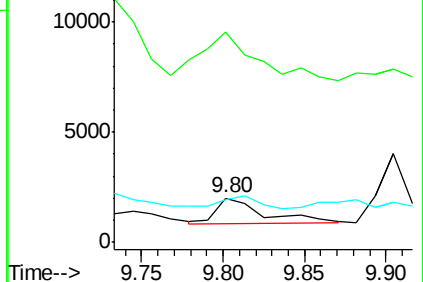
65 97.0 97.1 137.1#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.17 min Scan# 830

Delta R.T. -0.00 min

Lab File: BF091110.D

Acq: 9 Nov 2016 5:05

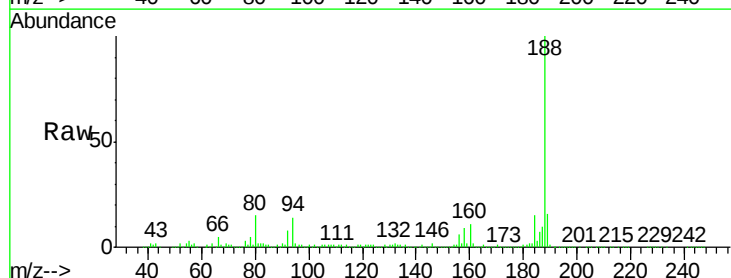
Tgt Ion:188 Resp: 451712

Ion Ratio Lower Upper

188 100

94 13.7 7.0 10.4#

80 15.3 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

