

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010417\
 Data File : BF092094.D
 Acq On : 5 Jan 2017 3:22
 Operator : UM/SJ
 Sample : I1004-18
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-09

Quant Time: Jan 05 03:57:05 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 05 00:16:49 2017
 Response via : Initial Calibration

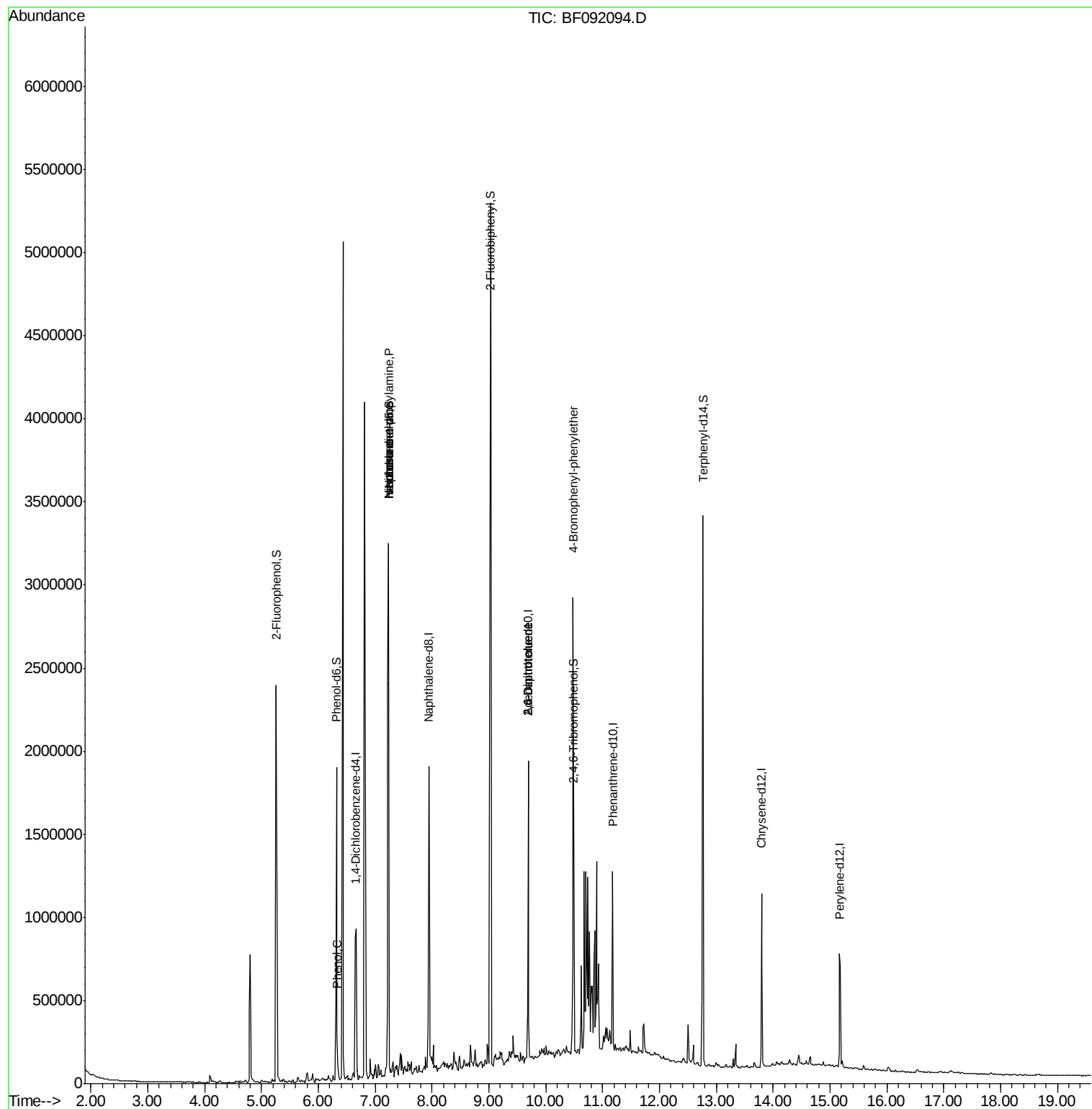
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	208312	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	802851	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	365763	20.00	ng	-0.01
63) Phenanthrene-d10	11.18	188	569368	20.00	ng	0.00
75) Chrysene-d12	13.80	240	432122	20.00	ng	-0.01
86) Perylene-d12	15.18	264	371972	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	809195	64.86	ng	0.00
7) Phenol-d6	6.32	99	652776	42.86	ng	-0.01
23) Nitrobenzene-d5	7.24	82	1451985	100.57	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	424393	140.20	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	1951747	113.69	ng	0.00
78) Terphenyl-d14	12.77	244	1657710	93.04	ng	0.00
Target Compounds						
10) Phenol	6.33	94	40970	2.36	ng	# 72
18) Hexachloroethane	7.24	117	48671	8.51	ng	# 4
19) n-Nitroso-di-n-propylamine	7.24	70	196750	19.42	ng	# 71
25) Isophorone	7.24	82	1345719	50.52	ng	# 65
50) 2,6-Dinitrotoluene	9.69	165	48660	9.50	ng	# 31
56) 2,4-Dinitrotoluene	9.69	165	48772	7.59	ng	# 20
66) 4-Bromophenyl-phenylether	10.48	248	25567	4.32	ng	# 1
71) Anthracene	11.25	178	1422	Below Cal		# 38
73) Di-n-butylphthalate	11.75	149	5018	Below Cal		# 76
74) Fluoranthene	12.38	202	5153	Below Cal		# 89
76) Benzydine	12.51	184	1185	Below Cal		# 1

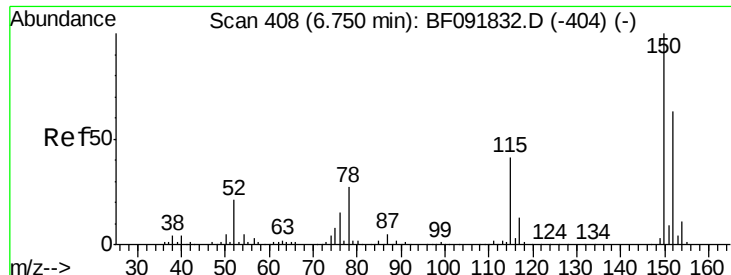
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 05 03:57:05 2017
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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF092094.D

Acq: 5 Jan 2017 3:22

Instrument :

BNA_F

ClientSampleId :

MW-09

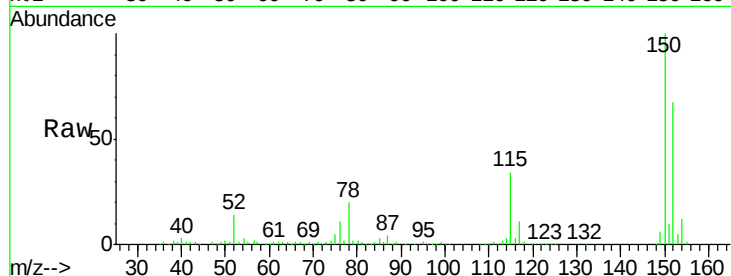
Tgt Ion:152 Resp: 208312

Ion Ratio Lower Upper

152 100

150 148.6 124.9 187.3

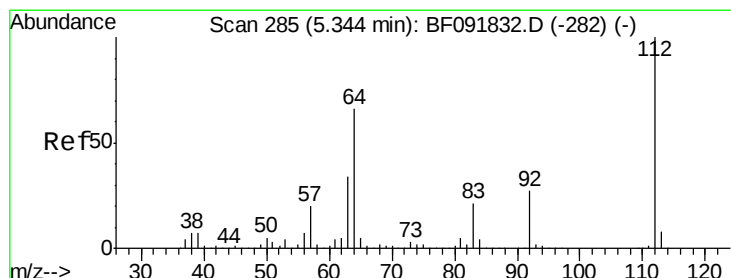
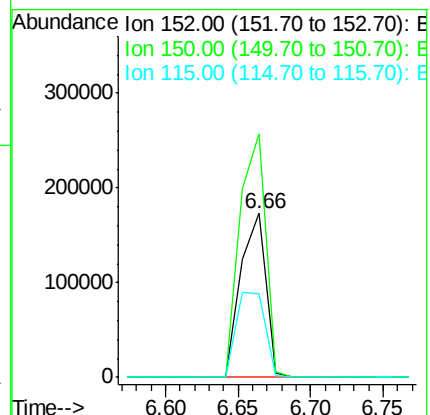
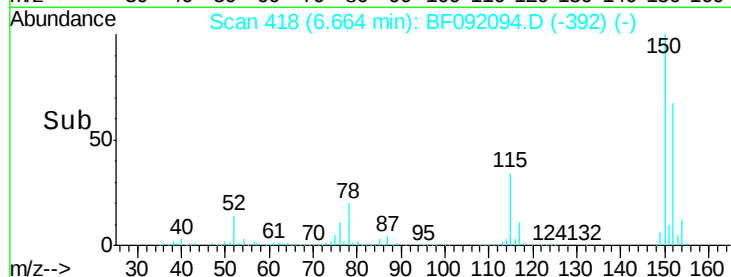
115 50.8 46.0 69.0



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: 64.86 ng

RT: 5.26 min Scan# 295

Delta R.T. -0.00 min

Lab File: BF092094.D

Acq: 5 Jan 2017 3:22

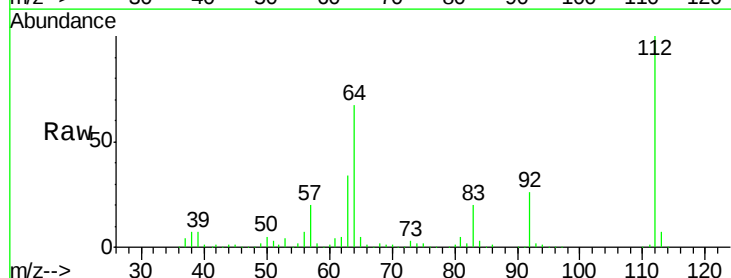
Tgt Ion:112 Resp: 809195

Ion Ratio Lower Upper

112 100

64 66.9 46.1 69.1

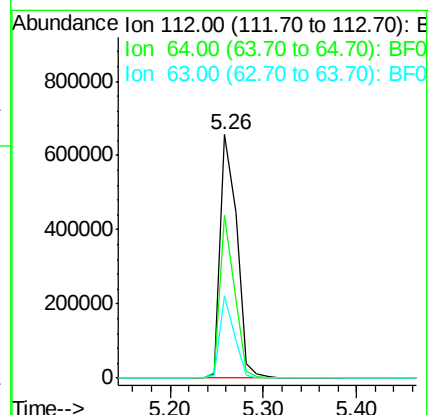
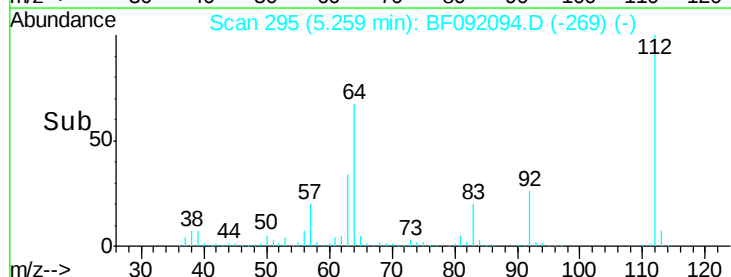
63 33.6 23.8 35.6



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: 42.86 ng

RT: 6.32 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF092094.D

Acq: 5 Jan 2017 3:22

Instrument :

BNA_F

ClientSampleId :

MW-09

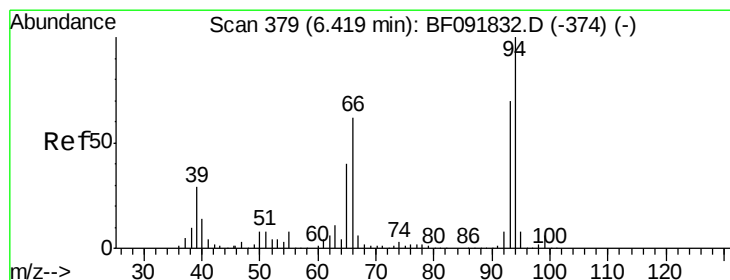
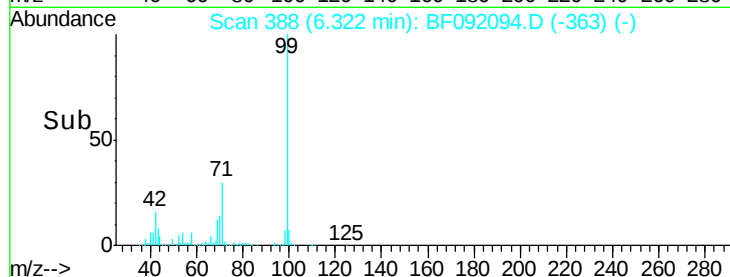
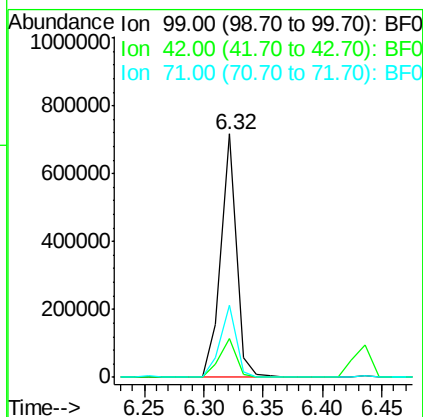
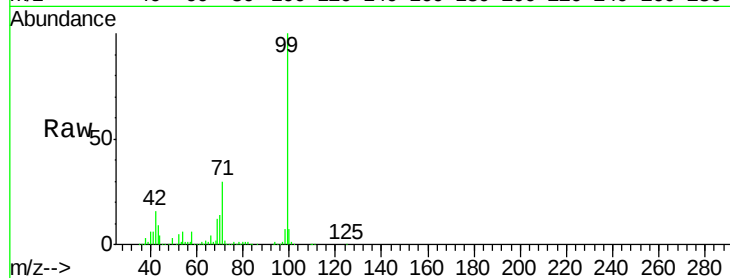
Tgt Ion: 99 Resp: 652776

Ion Ratio Lower Upper

99 100

42 15.9 15.6 23.4

71 29.7 27.5 41.3



#10

Phenol

Concen: 2.36 ng

RT: 6.33 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF092094.D

Acq: 5 Jan 2017 3:22

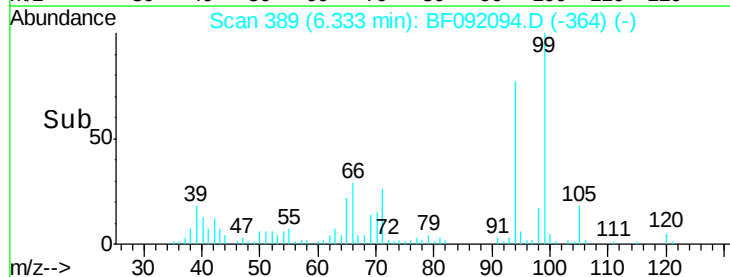
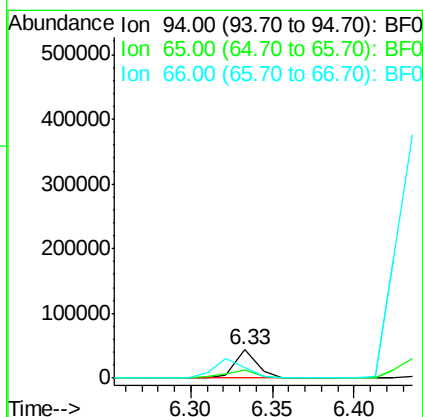
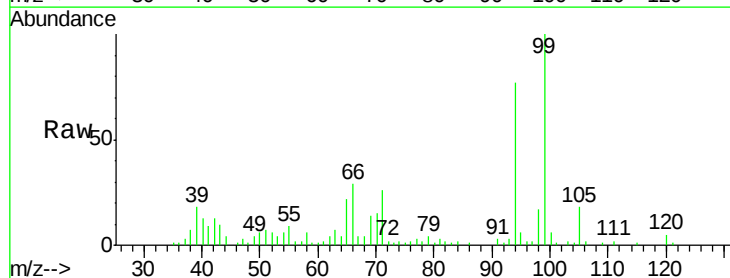
Tgt Ion: 94 Resp: 40970

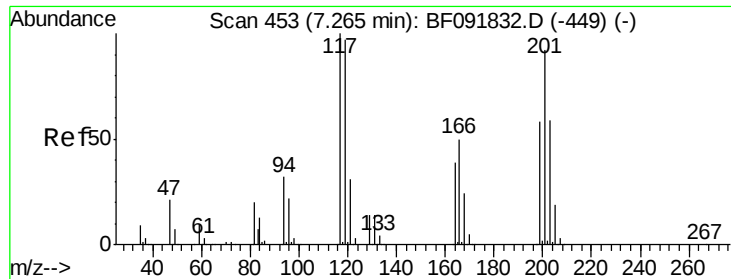
Ion Ratio Lower Upper

94 100

65 28.5 21.4 61.4

66 38.1 44.0 84.0#

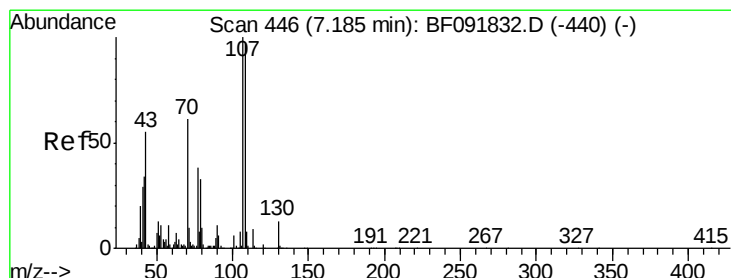
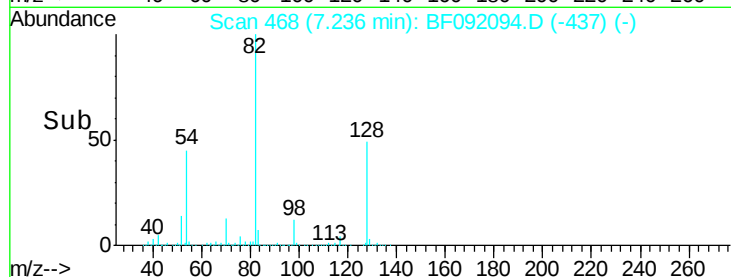
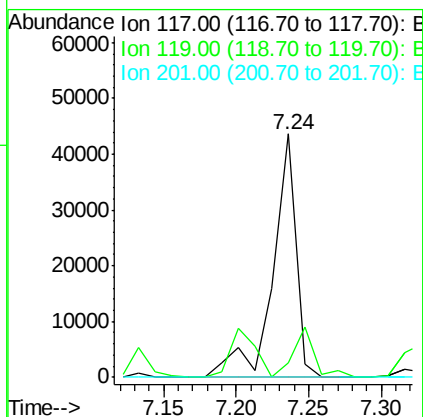
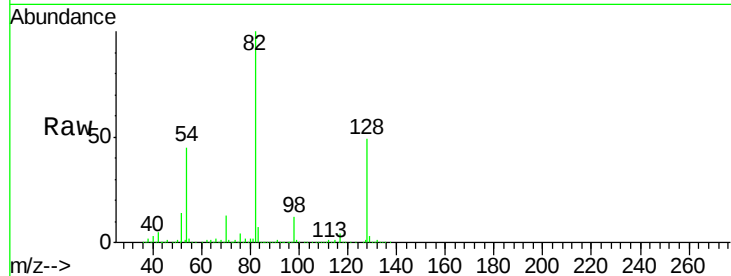




#18
Hexachloroethane
Concen: 8.51 ng
RT: 7.24 min Scan# 468
Delta R.T. 0.06 min
Lab File: BF092094.D
Acq: 5 Jan 2017 3:22

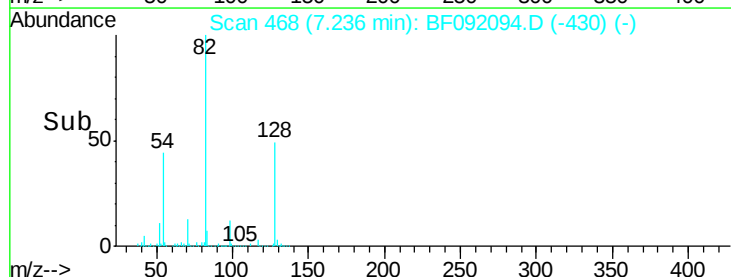
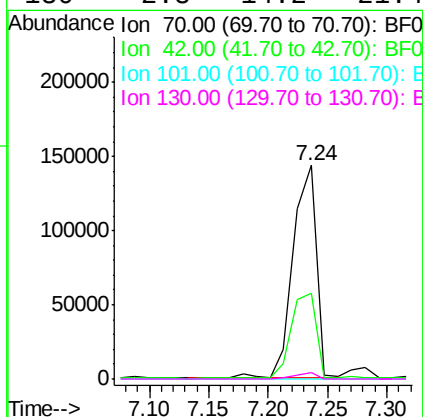
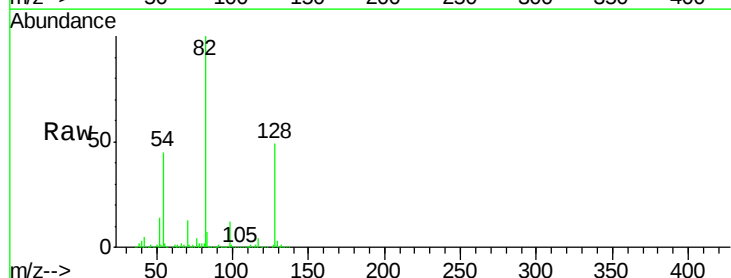
Instrument :
BNA_F
ClientSampleId :
MW-09

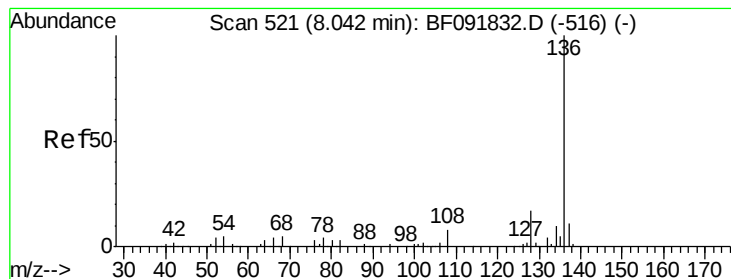
Tgt Ion: 117 Resp: 48671
Ion Ratio Lower Upper
117 100
119 6.2 78.1 117.1#
201 0.0 78.6 117.8#



#19
n-Nitroso-di-n-propylamine
Concen: 19.42 ng
RT: 7.24 min Scan# 468
Delta R.T. 0.14 min
Lab File: BF092094.D
Acq: 5 Jan 2017 3:22

Tgt Ion: 70 Resp: 196750
Ion Ratio Lower Upper
70 100
42 40.2 49.4 74.0#
101 0.0 7.4 11.2#
130 2.8 14.2 21.4#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.94 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF092094.D

Acq: 5 Jan 2017 3:22

Instrument :

BNA_F

ClientSampleId :

MW-09

Tgt Ion: 136 Resp: 802851

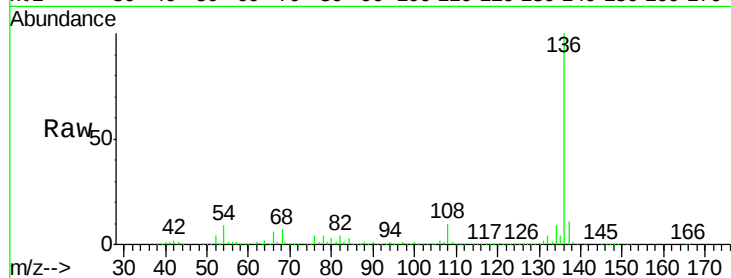
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 8.8 4.5 6.7#

68 7.0 3.6 5.4#

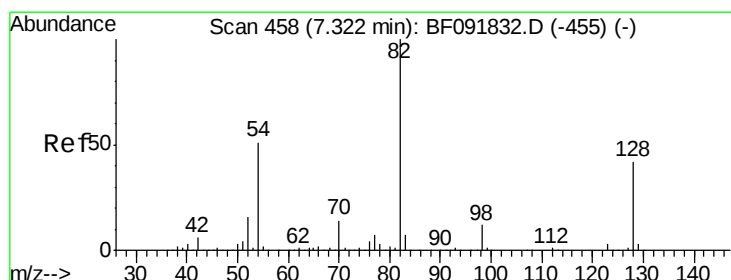
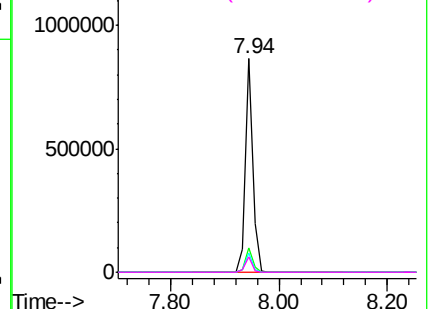
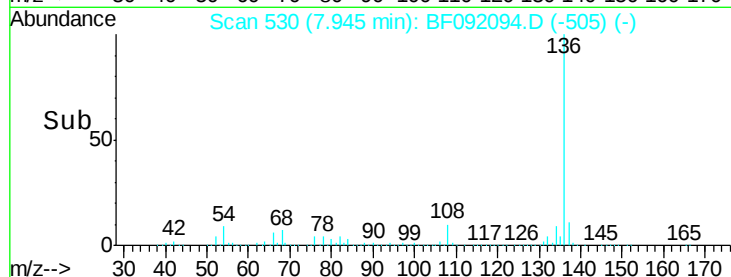


Abundance Ion 136.00 (135.70 to 136.70): E

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: 100.57 ng

RT: 7.24 min Scan# 468

Delta R.T. -0.00 min

Lab File: BF092094.D

Acq: 5 Jan 2017 3:22

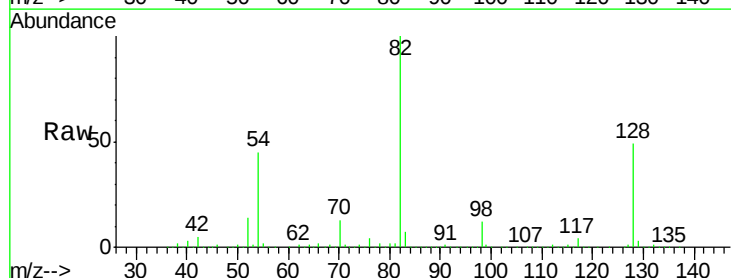
Tgt Ion: 82 Resp: 1451985

Ion Ratio Lower Upper

82 100

128 49.1 34.6 52.0

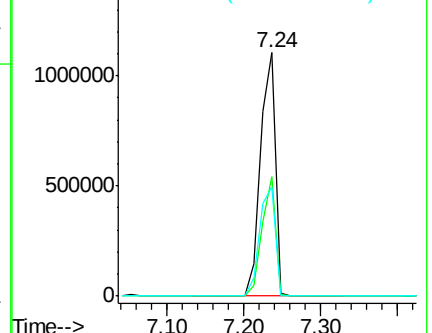
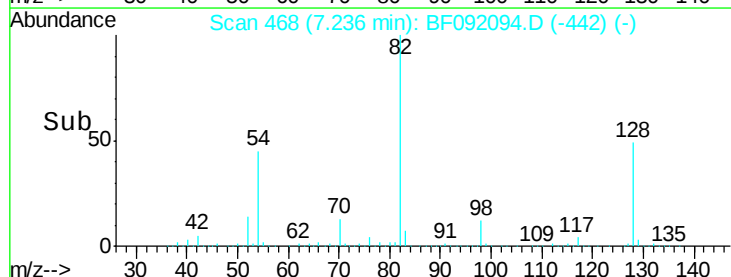
54 44.7 39.5 59.3

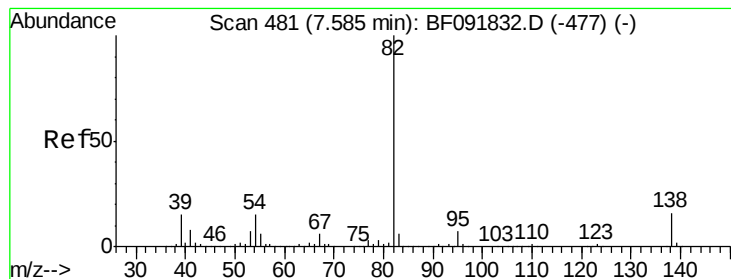


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 50.52 ng

RT: 7.24 min Scan# 468

Delta R.T. -0.26 min

Lab File: BF092094.D

Acq: 5 Jan 2017 3:22

Instrument :

BNA_F

ClientSampled :

MW-09

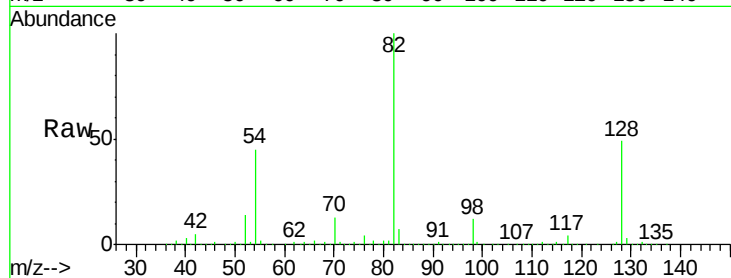
Tgt Ion: 82 Resp: 1345719

Ion Ratio Lower Upper

82 100

95 0.2 5.6 8.4#

138 0.0 14.6 22.0#

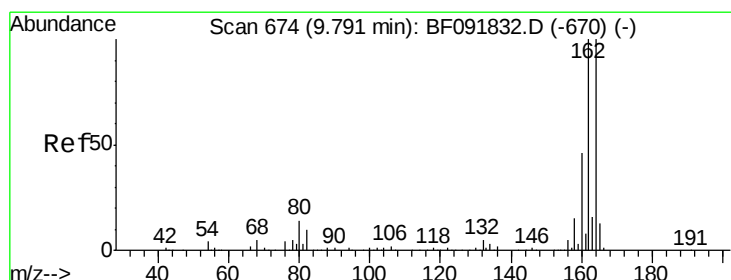
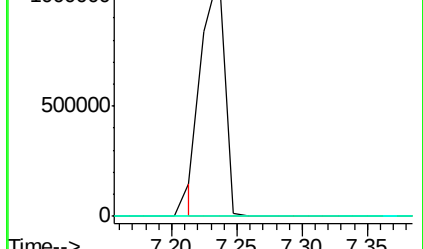
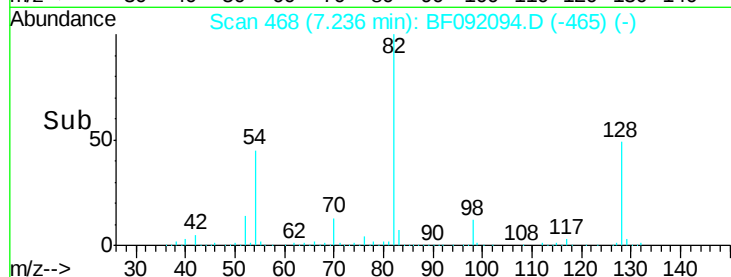


Abundance Ion 82.00 (81.70 to 82.70): BF092094.D (-468) (-)

Ion 95.00 (94.70 to 95.70): BF092094.D (-468) (-)

Ion 138.00 (137.70 to 138.70): BF092094.D (-468) (-)

Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.69 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF092094.D

Acq: 5 Jan 2017 3:22

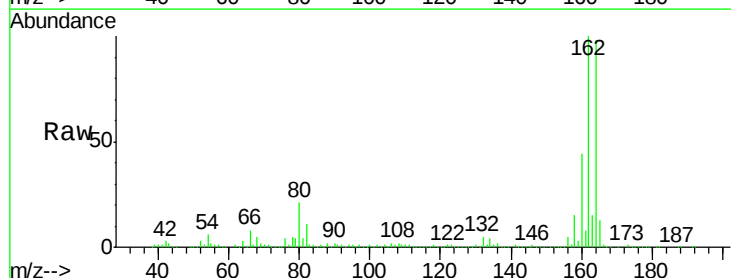
Tgt Ion: 164 Resp: 365763

Ion Ratio Lower Upper

164 100

162 101.6 80.2 120.2

160 45.0 36.9 55.3

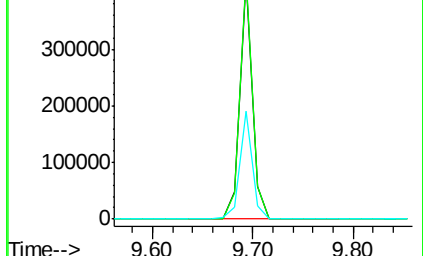
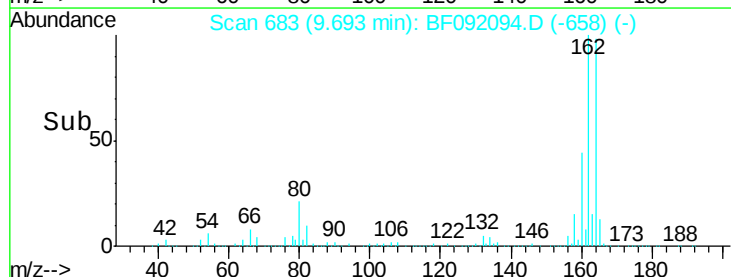


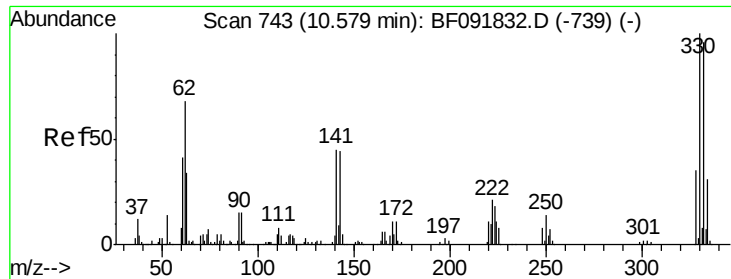
Abundance Ion 164.00 (163.70 to 164.70): BF092094.D (-683) (-)

Ion 162.00 (161.70 to 162.70): BF092094.D (-683) (-)

Ion 160.00 (159.70 to 160.70): BF092094.D (-683) (-)

Time-->

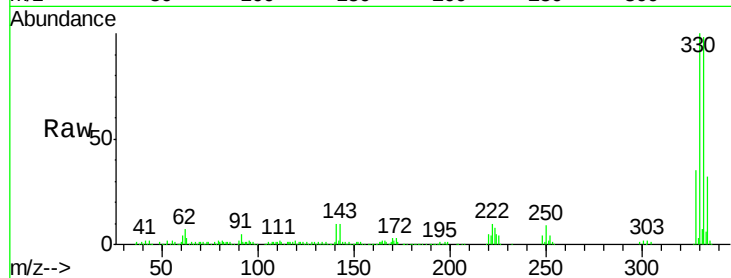




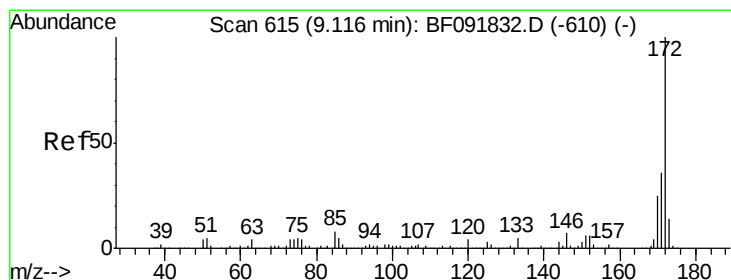
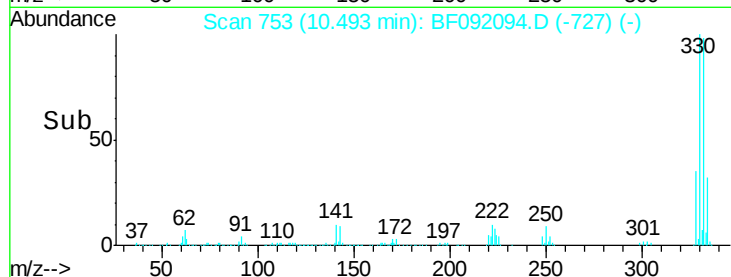
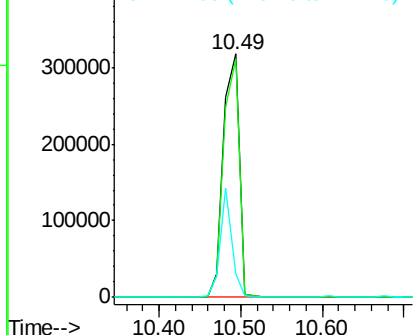
#41
 2,4,6-Tribromophenol
 Concen: 140.20 ng
 RT: 10.49 min Scan# 753
 Delta R.T. -0.00 min
 Lab File: BF092094.D
 Acq: 5 Jan 2017 3:22

Instrument :
 BNA_F
 ClientSampleId :
 MW-09

Tgt Ion:330 Resp: 424393
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.4 116.2
 141 33.0 34.1 51.1#

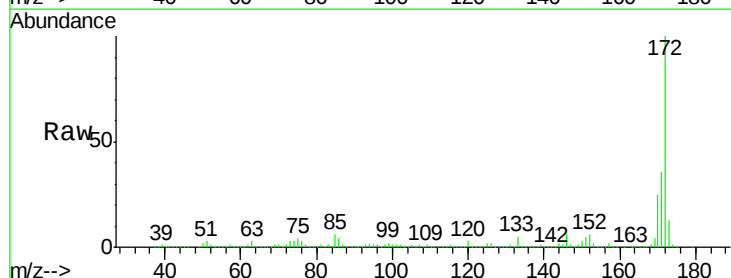


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

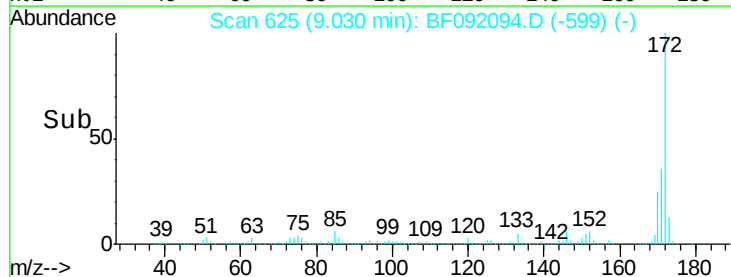
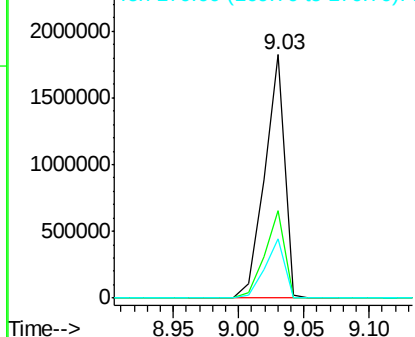


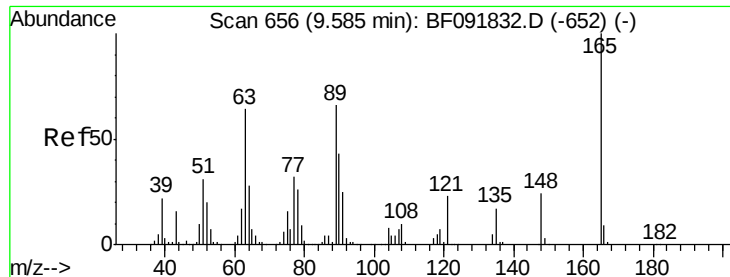
#44
 2-Fluorobiphenyl
 Concen: 113.69 ng
 RT: 9.03 min Scan# 625
 Delta R.T. -0.00 min
 Lab File: BF092094.D
 Acq: 5 Jan 2017 3:22

Tgt Ion:172 Resp: 1951747
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.4 44.0
 170 24.6 20.2 30.4



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

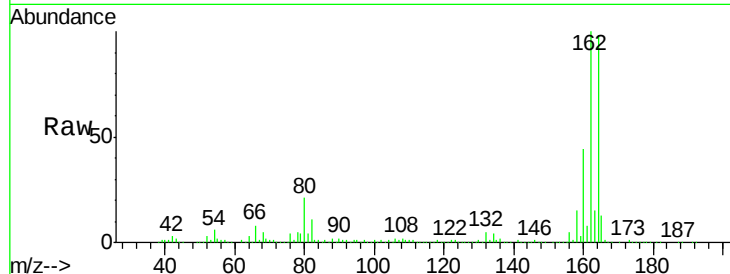




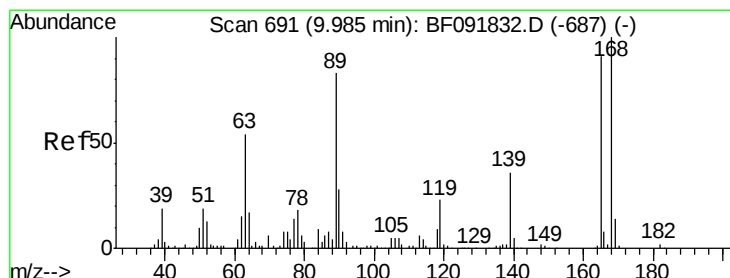
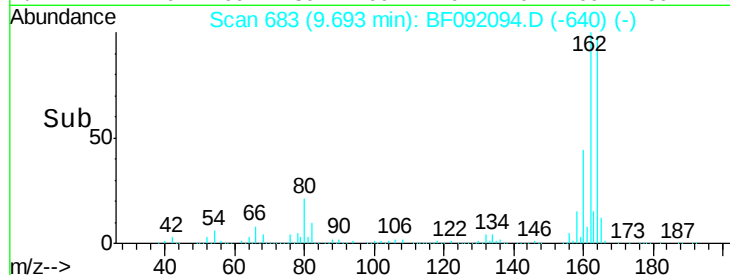
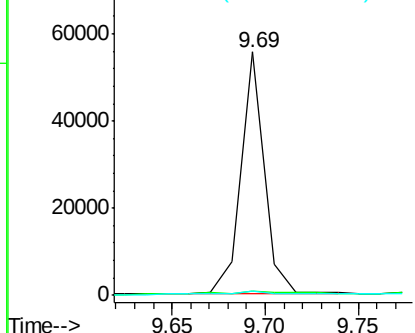
#50
 2,6-Dinitrotoluene
 Concen: 9.50 ng
 RT: 9.69 min Scan# 683
 Delta R.T. 0.19 min
 Lab File: BF092094.D
 Acq: 5 Jan 2017 3:22

Instrument :
 BNA_F
 ClientSampleId :
 MW-09

Tgt Ion:165 Resp: 48660
 Ion Ratio Lower Upper
 165 100
 63 1.5 36.2 54.4#
 89 1.5 40.2 60.4#



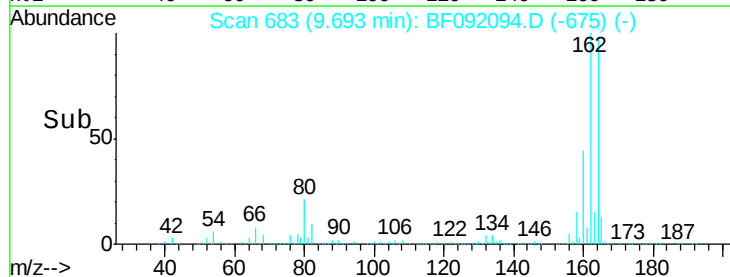
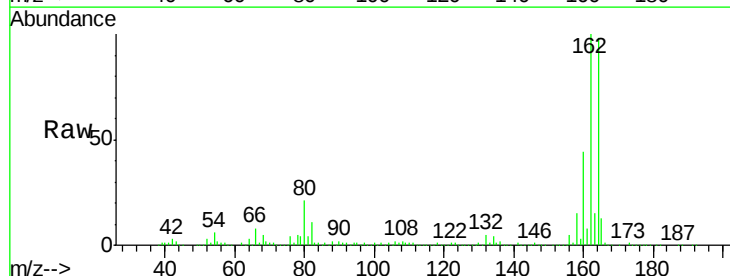
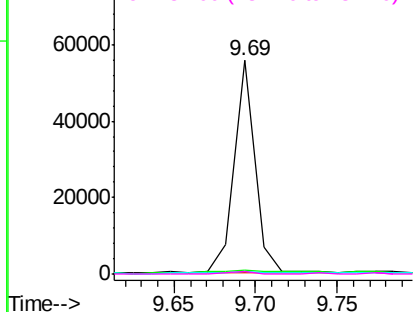
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

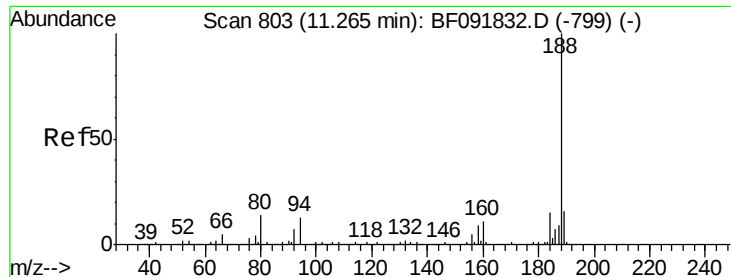


#56
 2,4-Dinitrotoluene
 Concen: 7.59 ng
 RT: 9.69 min Scan# 683
 Delta R.T. -0.21 min
 Lab File: BF092094.D
 Acq: 5 Jan 2017 3:22

Tgt Ion:165 Resp: 48772
 Ion Ratio Lower Upper
 165 100
 63 1.5 40.2 60.4#
 89 1.5 62.5 93.7#
 182 1.1 1.8 2.8#

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

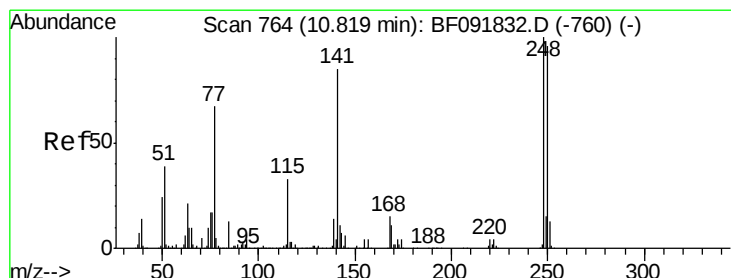
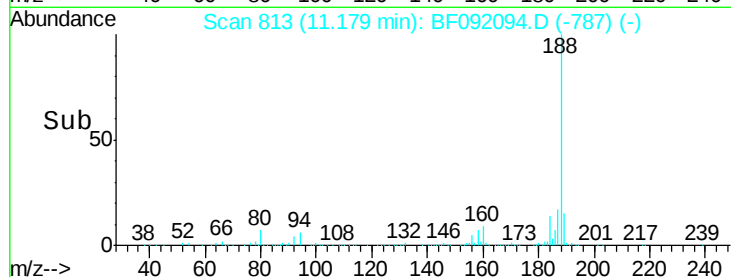
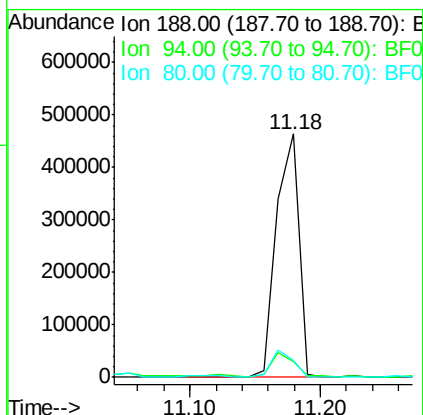
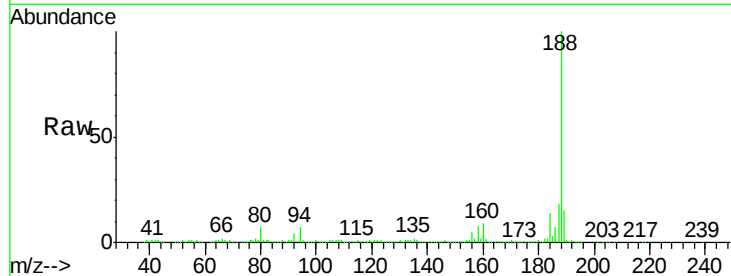




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF092094.D
Acq: 5 Jan 2017 3:22

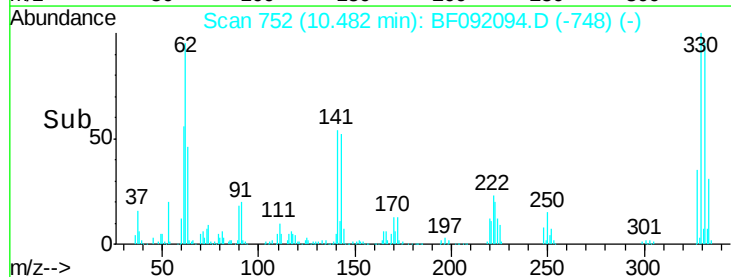
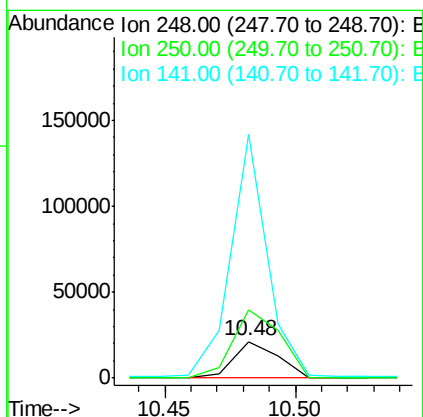
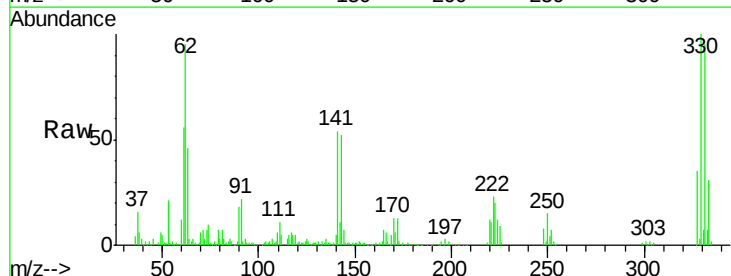
Instrument :
BNA_F
ClientSampleId :
MW-09

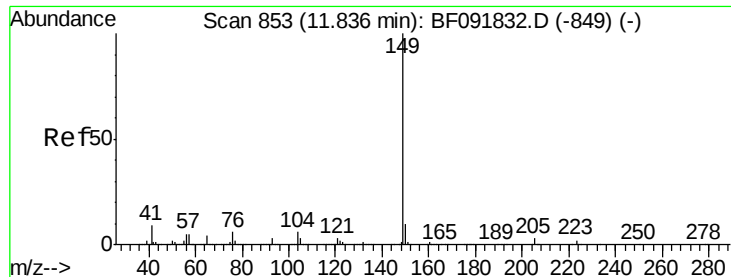
Tgt Ion:188 Resp: 569368
Ion Ratio Lower Upper
188 100
94 6.7 10.0 15.0#
80 6.9 11.2 16.8#



#66
4-Bromophenyl-phenylether
Concen: 4.32 ng
RT: 10.48 min Scan# 752
Delta R.T. -0.25 min
Lab File: BF092094.D
Acq: 5 Jan 2017 3:22

Tgt Ion:248 Resp: 25567
Ion Ratio Lower Upper
248 100
250 188.7 76.9 115.3#
141 669.7 68.2 102.4#





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.75 min Scan# 863

Delta R.T. -0.00 min

Lab File: BF092094.D

Acq: 5 Jan 2017 3:22

Instrument :

BNA_F

ClientSampleId :

MW-09

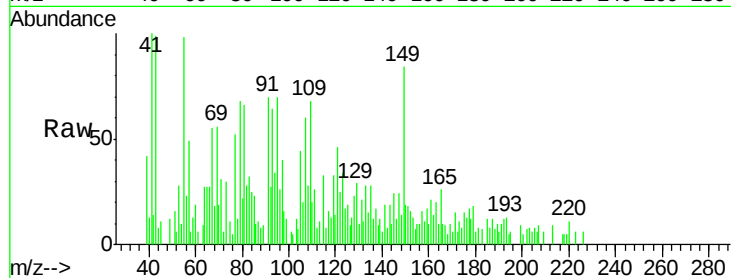
Tgt Ion:149 Resp: 5018

Ion Ratio Lower Upper

149 100

150 22.3 8.1 12.1#

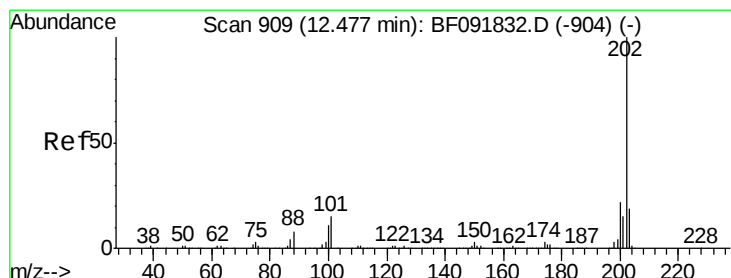
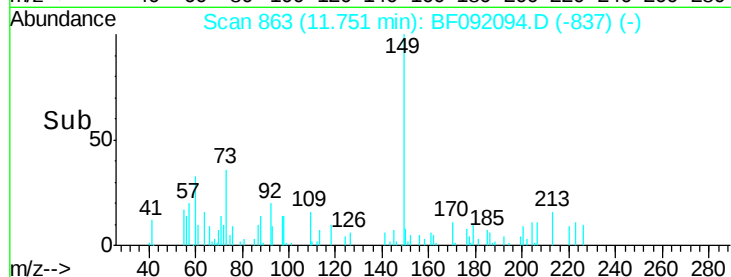
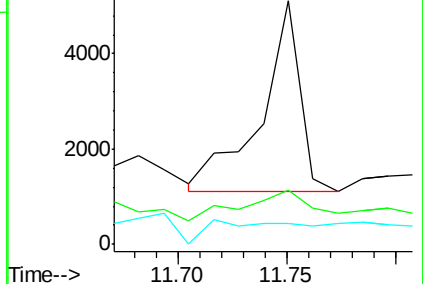
104 8.5 4.6 7.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: Below Cal

RT: 12.38 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF092094.D

Acq: 5 Jan 2017 3:22

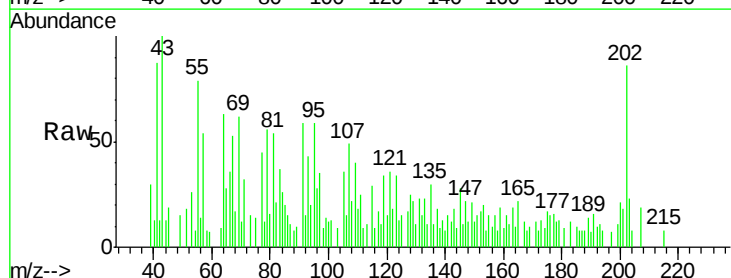
Tgt Ion:202 Resp: 5153

Ion Ratio Lower Upper

202 100

101 15.6 0.0 34.6

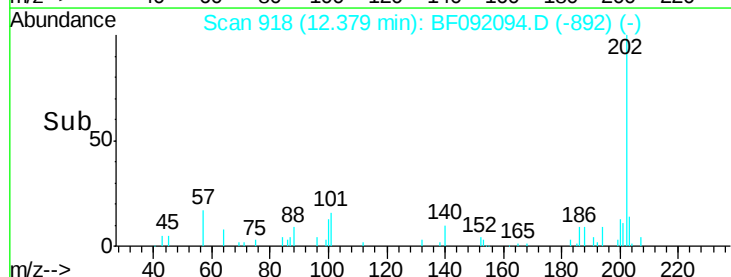
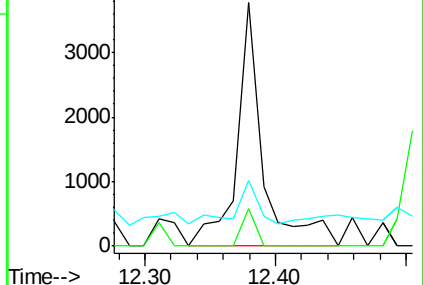
203 26.8 0.0 38.7

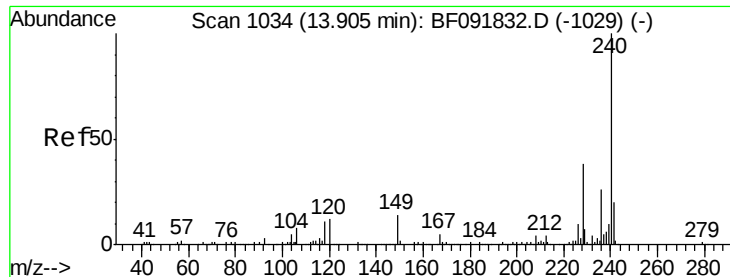


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.80 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF092094.D

Acq: 5 Jan 2017 3:22

Instrument :

BNA_F

ClientSampleId :

MW-09

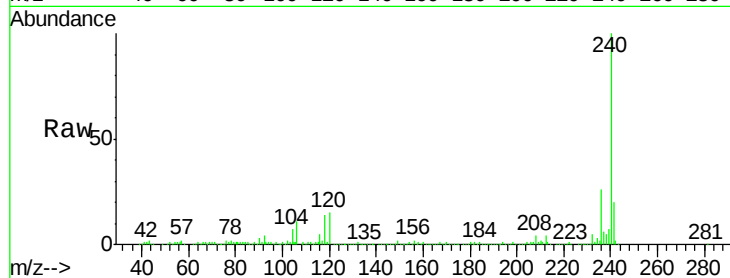
Tgt Ion:240 Resp: 432122

Ion Ratio Lower Upper

240 100

120 15.4 12.9 19.3

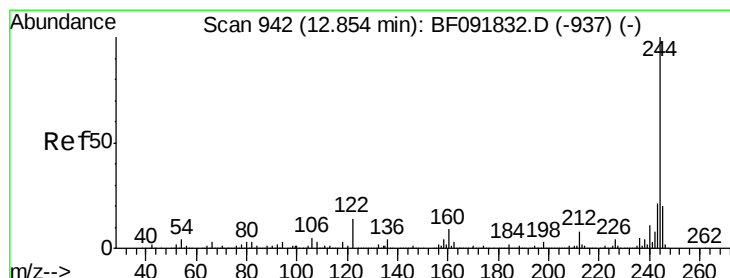
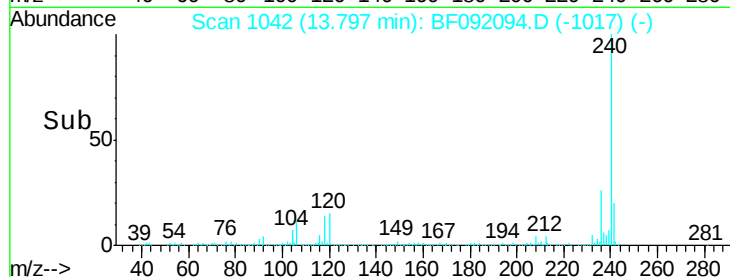
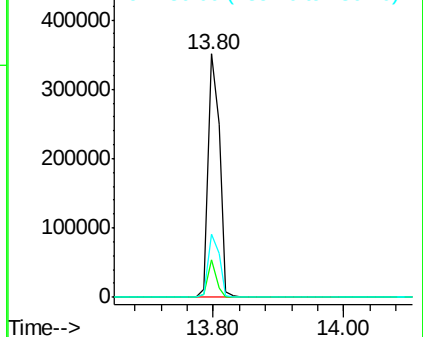
236 25.8 20.9 31.3



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: 93.04 ng

RT: 12.77 min Scan# 952

Delta R.T. -0.00 min

Lab File: BF092094.D

Acq: 5 Jan 2017 3:22

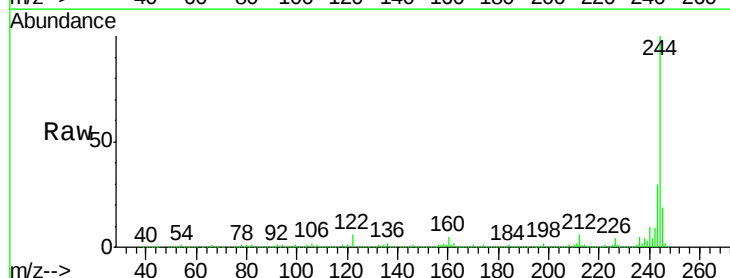
Tgt Ion:244 Resp: 1657710

Ion Ratio Lower Upper

244 100

212 6.2 6.2 9.2

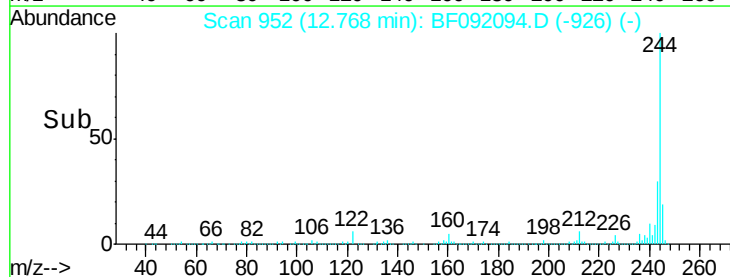
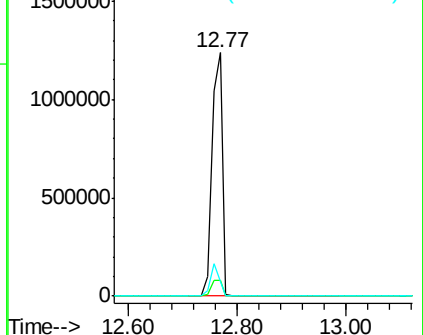
122 5.8 11.4 17.2#

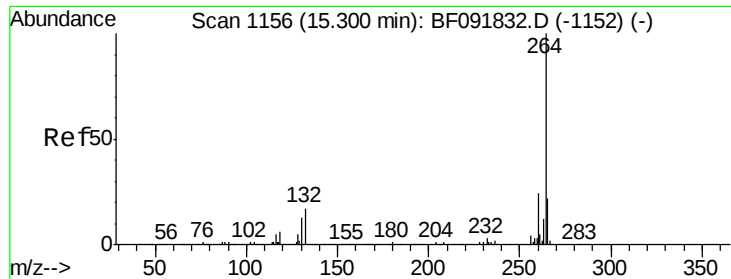


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

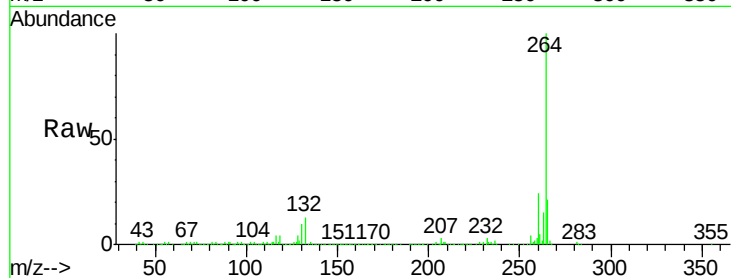




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.18 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF092094.D
Acq: 5 Jan 2017 3:22

Instrument :
BNA_F
ClientSampleId :
MW-09

Tgt Ion: 264 Resp: 371972
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 21.0 17.4 26.0



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

