

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010517\
 Data File : BF092099.D
 Acq On : 5 Jan 2017 20:02
 Operator : UM/SJ
 Sample : I1004-10
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-19

Quant Time: Jan 06 00:02:37 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 17:32:10 2016
 Response via : Initial Calibration

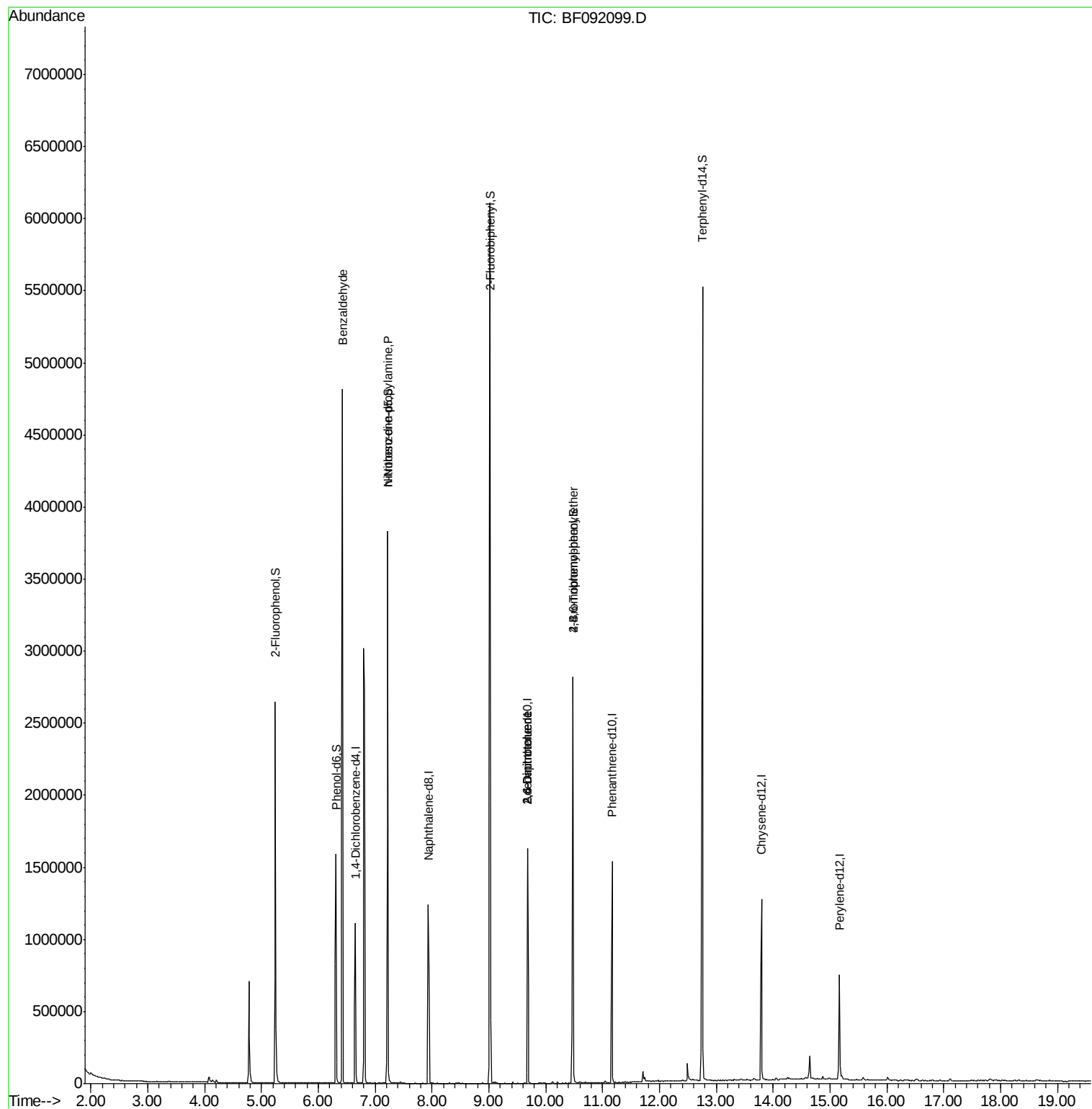
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	197872	20.00	ng	-0.05
21) Naphthalene-d8	7.93	136	735251	20.00	ng	-0.06
38) Acenaphthene-d10	9.68	164	380357	20.00	ng	-0.07
63) Phenanthrene-d10	11.17	188	685666	20.00	ng	-0.06
75) Chrysene-d12	13.80	240	549039	20.00	ng	-0.07
86) Perylene-d12	15.17	264	397796	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	783013	66.07	ng	-0.07
7) Phenol-d6	6.31	99	662048	45.76	ng	-0.07
23) Nitrobenzene-d5	7.22	82	1439041	108.83	ng	-0.06
41) 2,4,6-Tribromophenol	10.48	330	514157	163.34	ng	-0.06
44) 2-Fluorobiphenyl	9.02	172	1950894	108.69	ng	-0.06
78) Terphenyl-d14	12.76	244	1894806	83.70	ng	-0.06
Target Compounds						
9) Benzaldehyde	6.42	77	33056	2.83	ng	# 71
19) n-Nitroso-di-n-propylamine	7.22	70	191840	19.93	ng	# 75
50) 2,6-Dinitrotoluene	9.68	165	50433	9.47	ng	# 31
56) 2,4-Dinitrotoluene	9.68	165	50435	7.55	ng	# 20
66) 4-Bromophenyl-phenylether	10.48	248	33555	4.70	ng	# 1
71) Anthracene	11.19	178	1196	Below Cal		# 59
73) Di-n-butylphthalate	11.74	149	8853	Below Cal		98
74) Fluoranthene	12.37	202	719	Below Cal		61

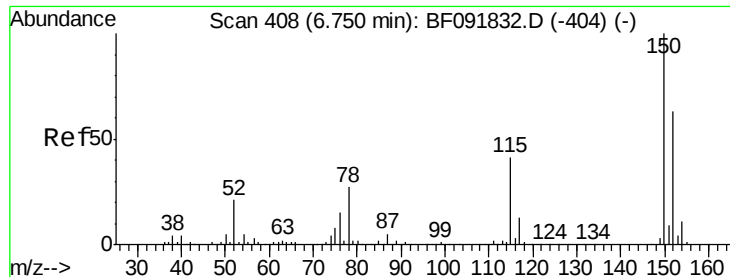
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.65 min Scan# 417

Delta R.T. -0.05 min

Lab File: BF092099.D

Acq: 5 Jan 2017 20:02

Instrument :

BNA_F

ClientSampleId :

MW-19

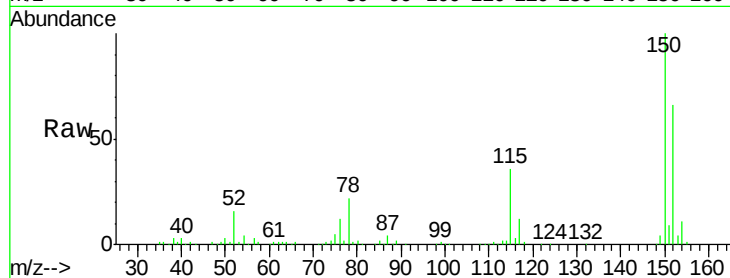
Tgt Ion:152 Resp: 197872

Ion Ratio Lower Upper

152 100

150 152.1 124.9 187.3

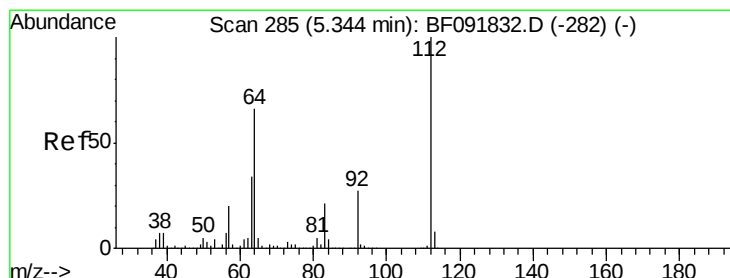
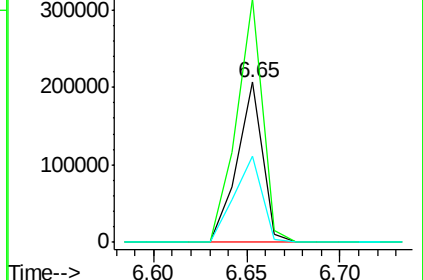
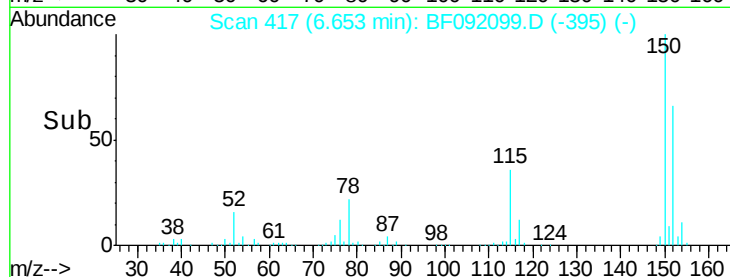
115 54.2 46.0 69.0



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: 66.07 ng

RT: 5.25 min Scan# 294

Delta R.T. -0.07 min

Lab File: BF092099.D

Acq: 5 Jan 2017 20:02

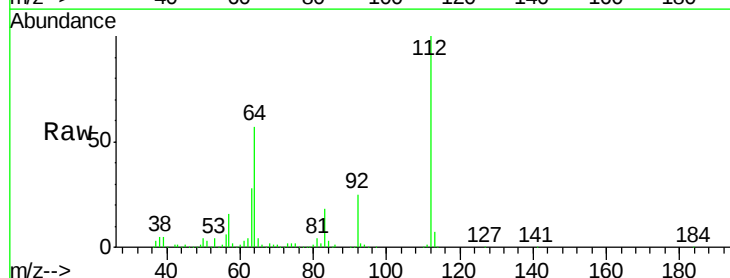
Tgt Ion:112 Resp: 783013

Ion Ratio Lower Upper

112 100

64 57.2 46.1 69.1

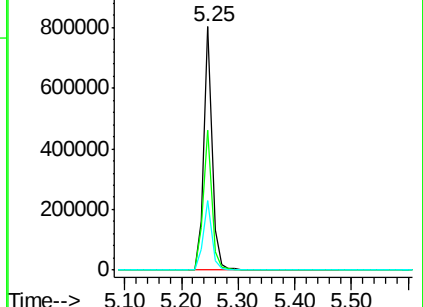
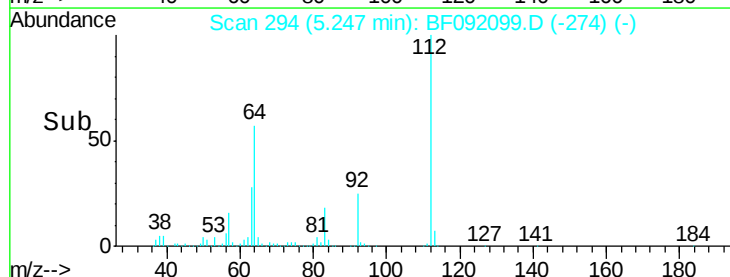
63 28.3 23.8 35.6

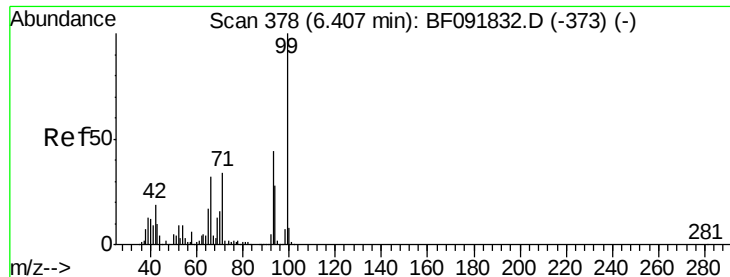


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 45.76 ng

RT: 6.31 min Scan# 387

Delta R.T. -0.07 min

Lab File: BF092099.D

Acq: 5 Jan 2017 20:02

Instrument :

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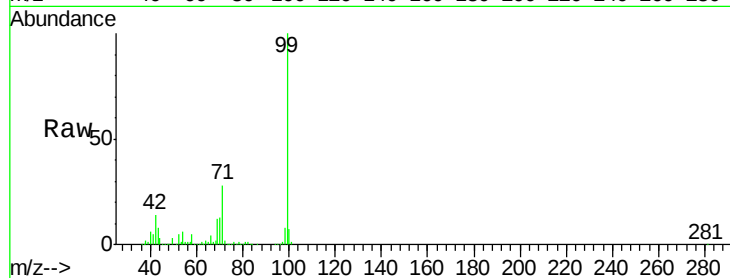
Tgt Ion: 99 Resp: 662048

Ion Ratio Lower Upper

99 100

42 14.5 15.6 23.4#

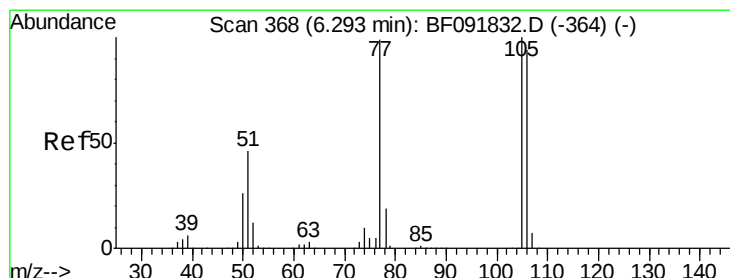
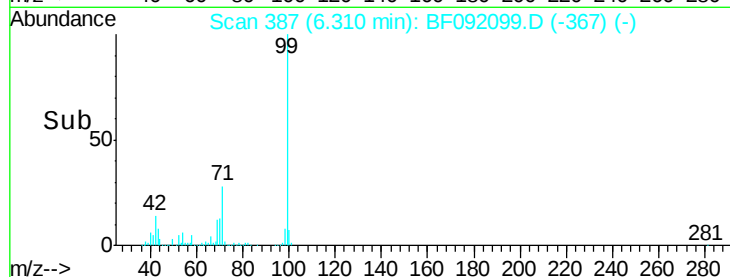
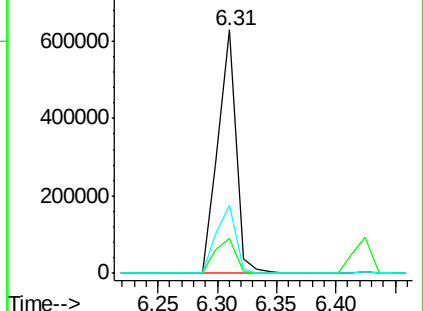
71 28.2 27.5 41.3



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: 2.83 ng

RT: 6.42 min Scan# 397

Delta R.T. 0.18 min

Lab File: BF092099.D

Acq: 5 Jan 2017 20:02

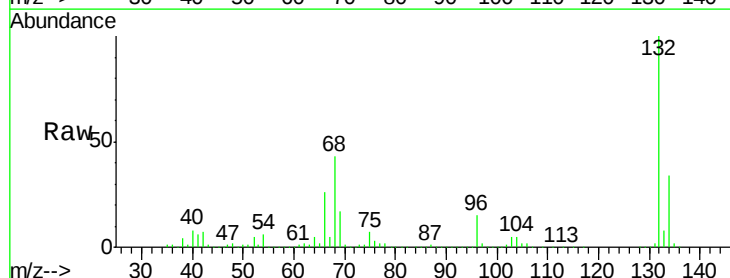
Tgt Ion: 77 Resp: 33056

Ion Ratio Lower Upper

77 100

105 76.8 83.9 123.9#

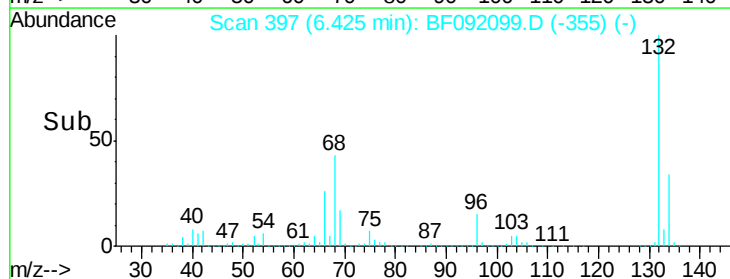
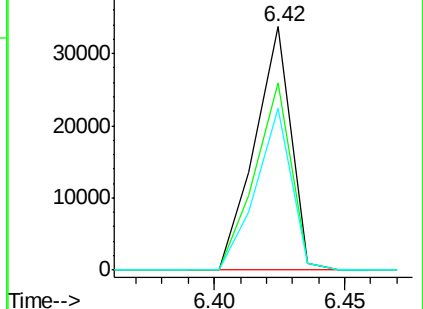
106 66.3 77.6 117.6#

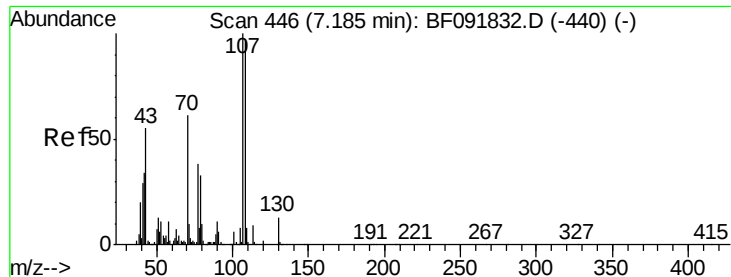


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

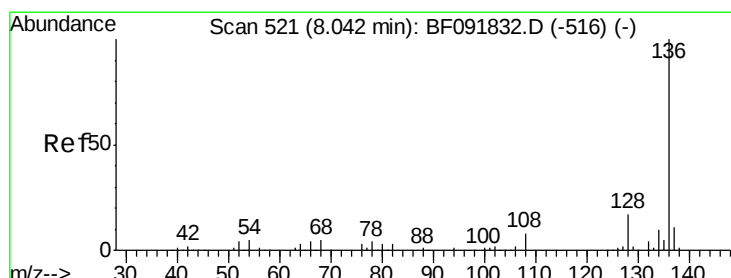
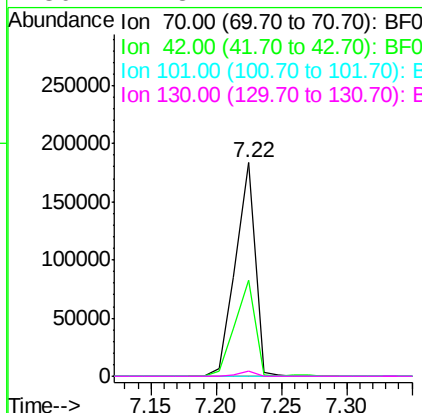
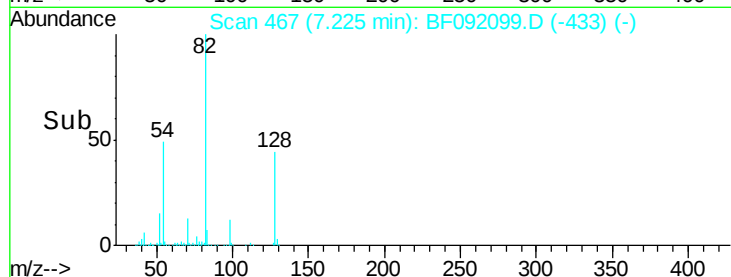
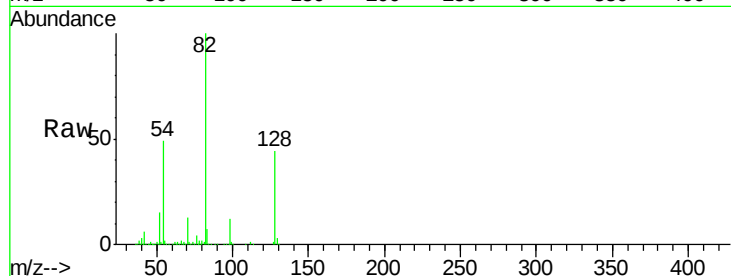




#19
n-Nitroso-di-n-propylamine
Concen: 19.93 ng
RT: 7.22 min Scan# 467
Delta R.T. 0.09 min
Lab File: BF092099.D
Acq: 5 Jan 2017 20:02

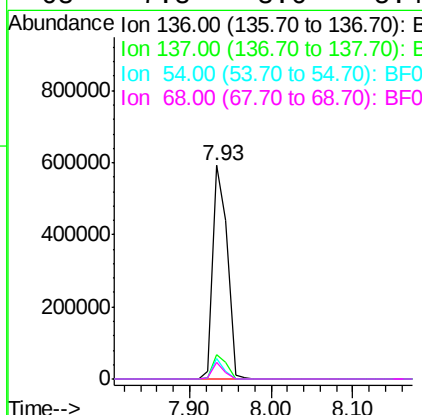
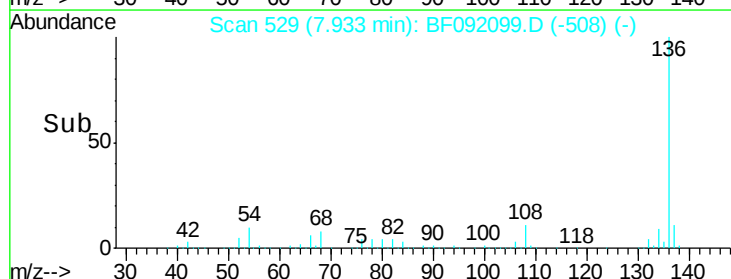
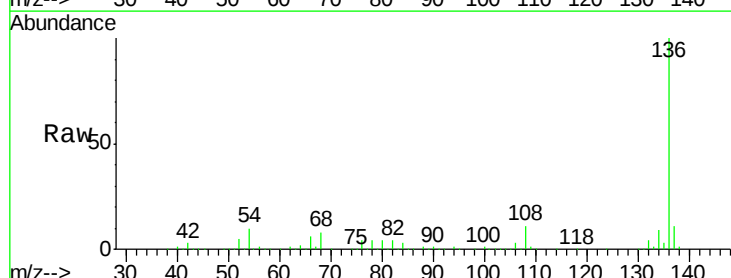
Instrument :
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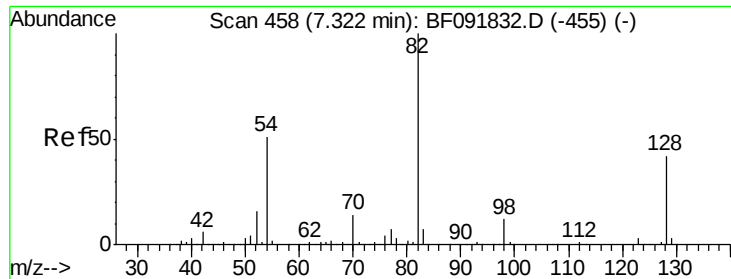
Tgt Ion: 70 Resp: 191840
Ion Ratio Lower Upper
70 100
42 45.0 49.4 74.0#
101 0.0 7.4 11.2#
130 2.3 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 529
Delta R.T. -0.06 min
Lab File: BF092099.D
Acq: 5 Jan 2017 20:02

Tgt Ion: 136 Resp: 735251
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 9.6 4.5 6.7#
68 7.8 3.6 5.4#

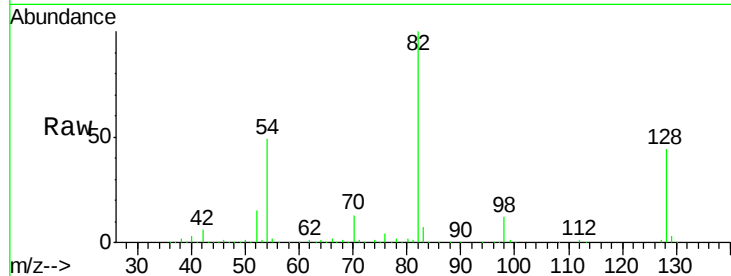




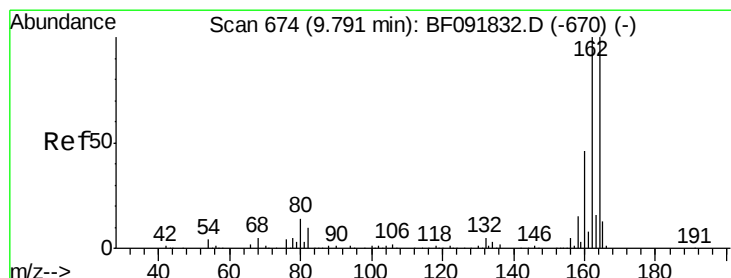
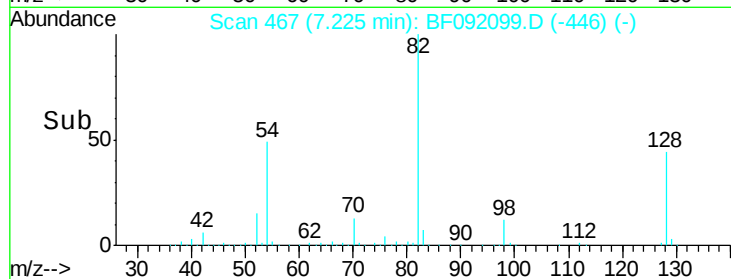
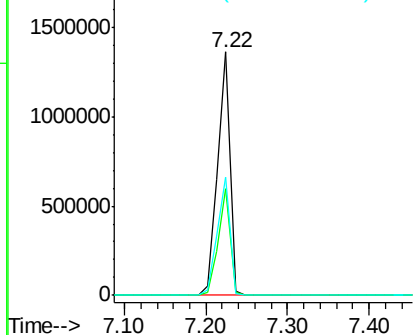
#23
 Nitrobenzene-d5
 Concen: 108.83 ng
 RT: 7.22 min Scan# 467
 Delta R.T. -0.06 min
 Lab File: BF092099.D
 Acq: 5 Jan 2017 20:02

Instrument :
 BNA_F
 ClientSampleId :
 MW-19

Tgt Ion: 82 Resp: 1439041
 Ion Ratio Lower Upper
 82 100
 128 43.6 34.6 52.0
 54 48.6 39.5 59.3

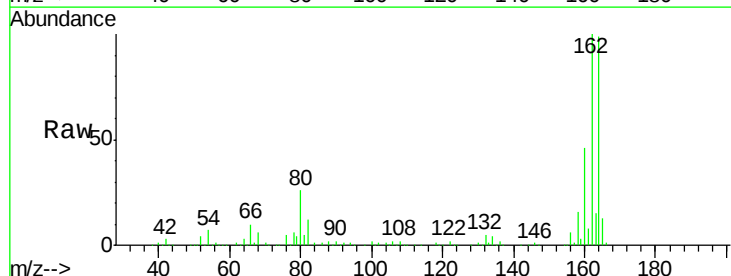


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

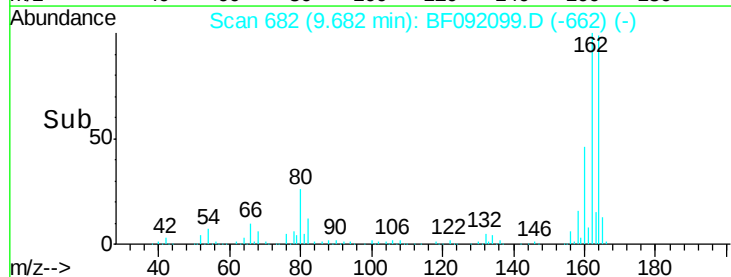
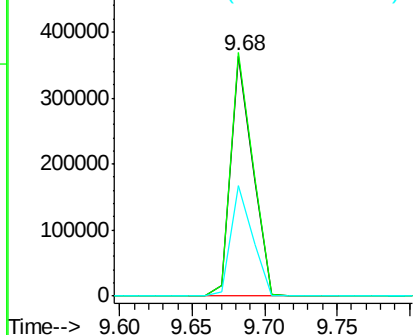


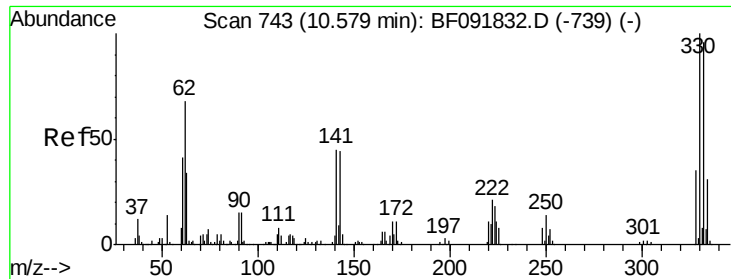
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.68 min Scan# 682
 Delta R.T. -0.07 min
 Lab File: BF092099.D
 Acq: 5 Jan 2017 20:02

Tgt Ion: 164 Resp: 380357
 Ion Ratio Lower Upper
 164 100
 162 101.4 80.2 120.2
 160 46.1 36.9 55.3



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

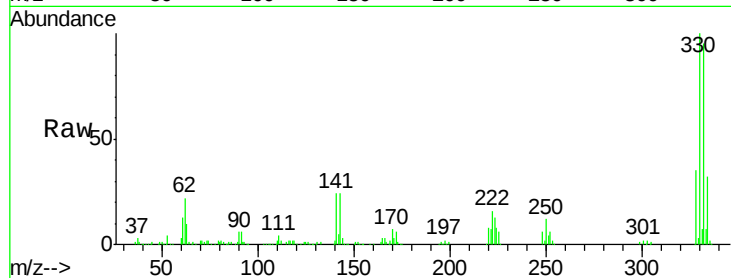




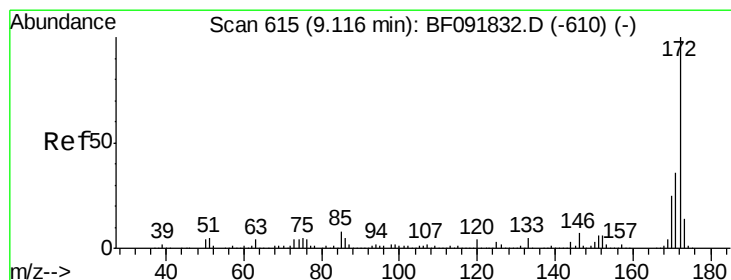
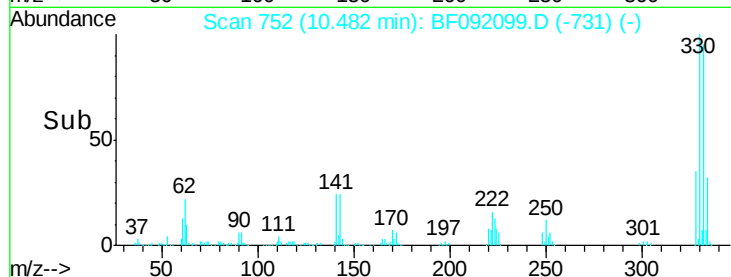
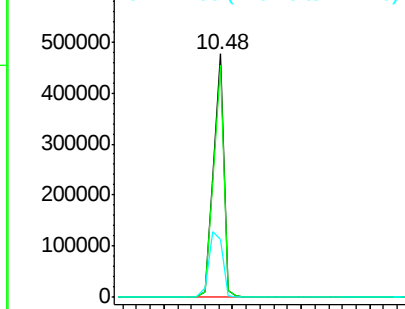
#41
 2,4,6-Tribromophenol
 Concen: 163.34 ng
 RT: 10.48 min Scan# 752
 Delta R.T. -0.06 min
 Lab File: BF092099.D
 Acq: 5 Jan 2017 20:02

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Tgt Ion:330 Resp: 514157
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.4 116.2
 141 35.4 34.1 51.1

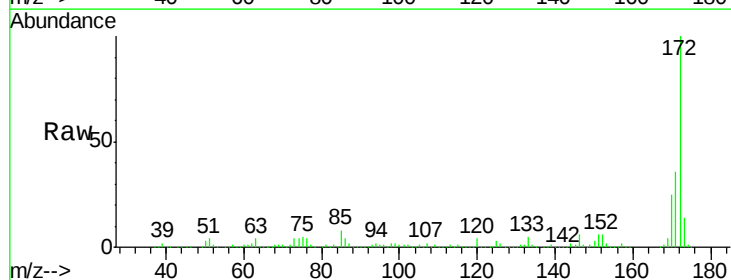


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

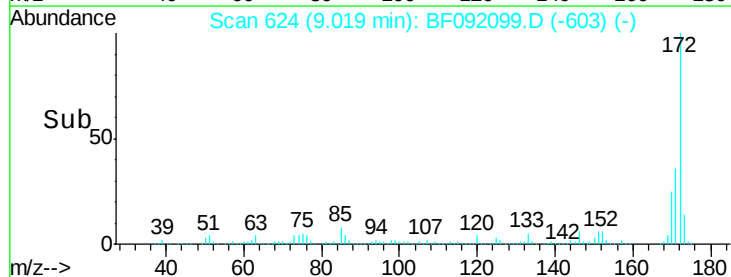
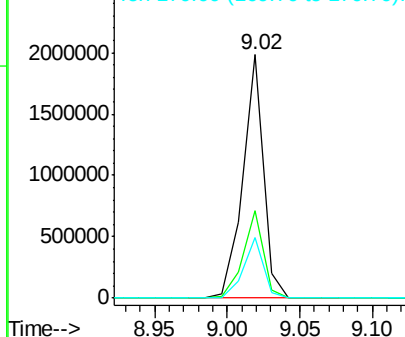


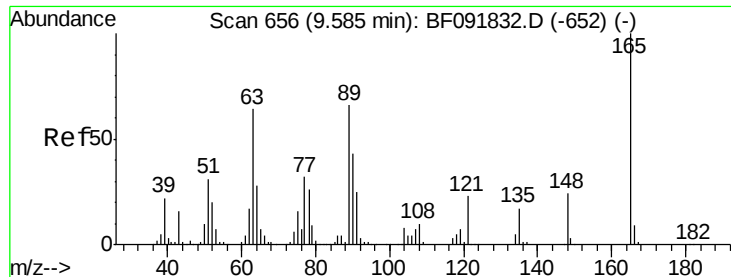
#44
 2-Fluorobiphenyl
 Concen: 108.69 ng
 RT: 9.02 min Scan# 624
 Delta R.T. -0.06 min
 Lab File: BF092099.D
 Acq: 5 Jan 2017 20:02

Tgt Ion:172 Resp: 1950894
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 24.8 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: 9.47 ng

RT: 9.68 min Scan# 682

Delta R.T. 0.13 min

Lab File: BF092099.D

Acq: 5 Jan 2017 20:02

Instrument :

BNA_F

ClientSampleId :

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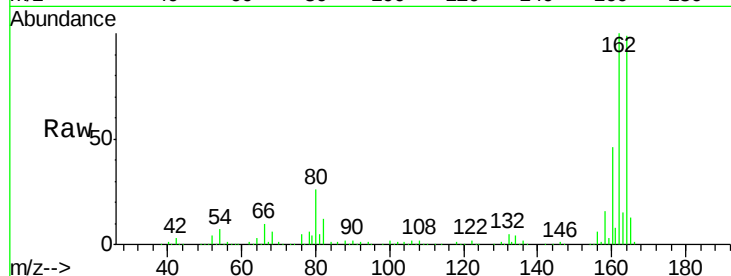
Tgt Ion:165 Resp: 50433

Ion Ratio Lower Upper

165 100

63 1.1 36.2 54.4#

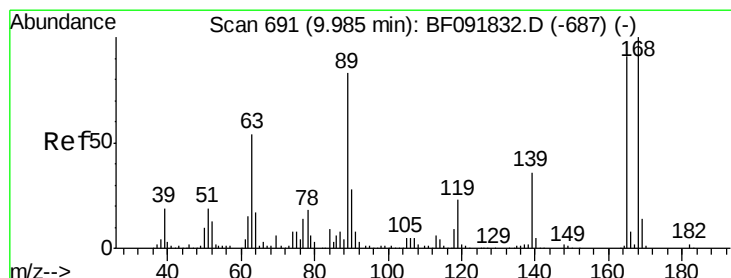
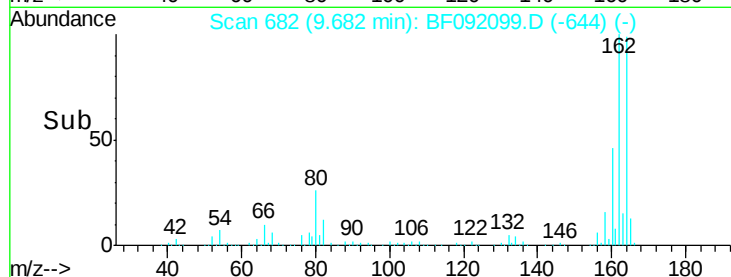
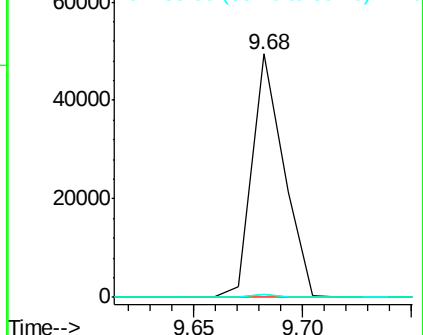
89 1.2 40.2 60.4#



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: 7.55 ng

RT: 9.68 min Scan# 682

Delta R.T. -0.27 min

Lab File: BF092099.D

Acq: 5 Jan 2017 20:02

Tgt Ion:165 Resp: 50435

Ion Ratio Lower Upper

165 100

63 1.1 40.2 60.4#

89 1.2 62.5 93.7#

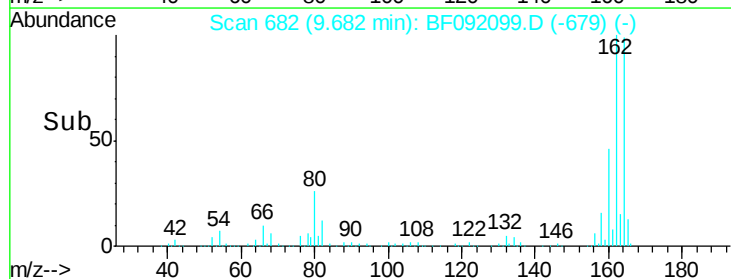
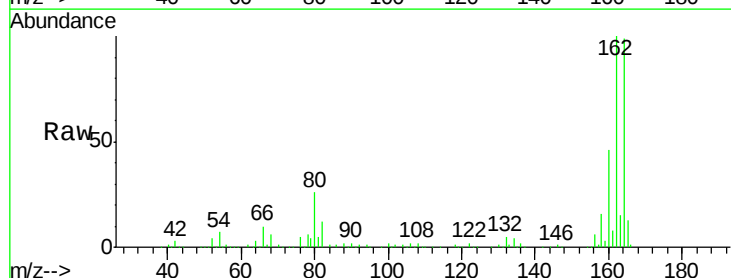
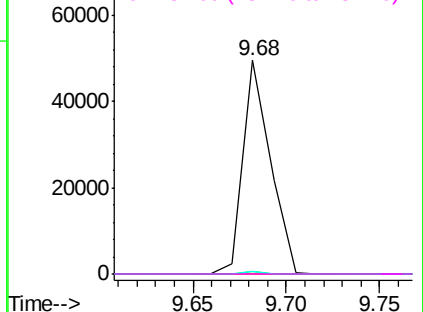
182 0.0 1.8 2.8#

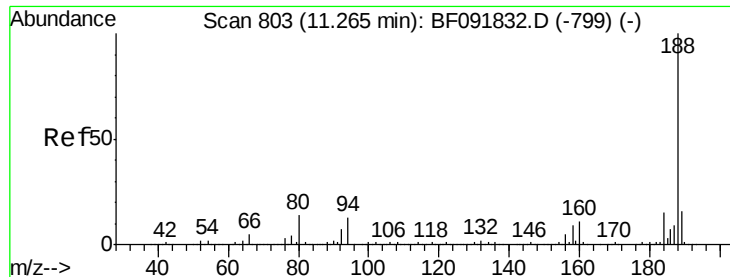
Abundance Ion 165.00 (164.70 to 165.70): E

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

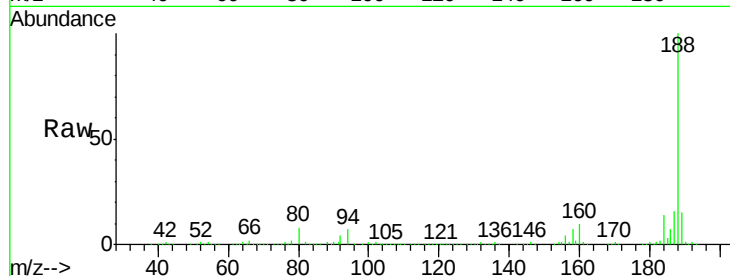




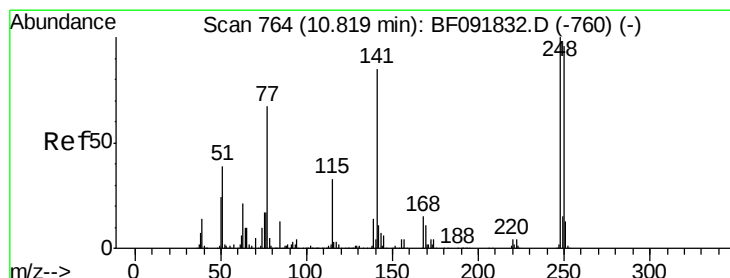
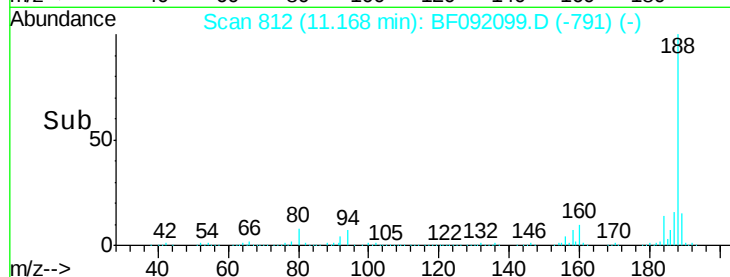
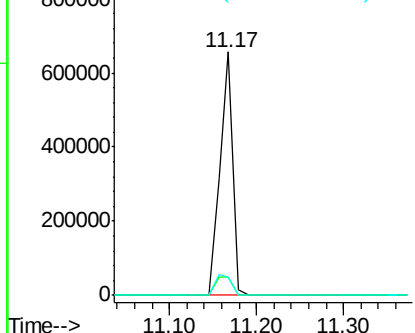
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 812
Delta R.T. -0.06 min
Lab File: BF092099.D
Acq: 5 Jan 2017 20:02

Instrument :
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Tgt Ion:188 Resp: 685666
Ion Ratio Lower Upper
188 100
94 7.4 10.0 15.0#
80 7.5 11.2 16.8#

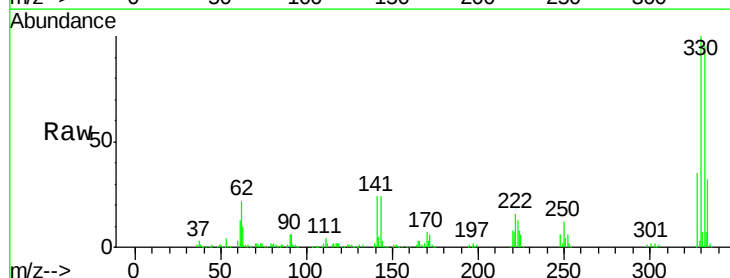


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

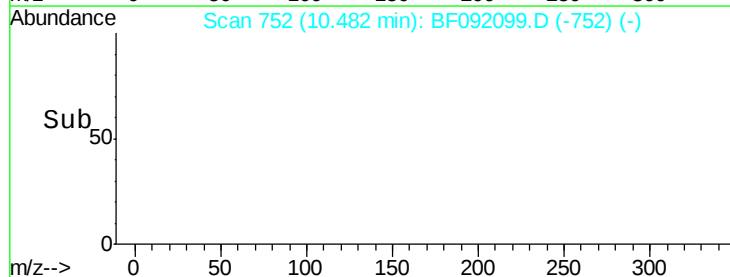
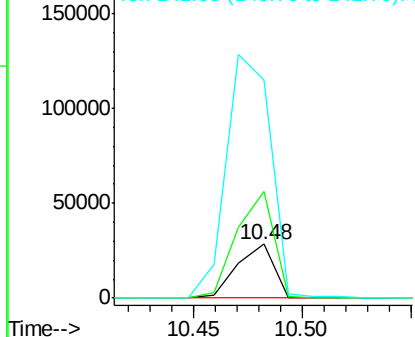


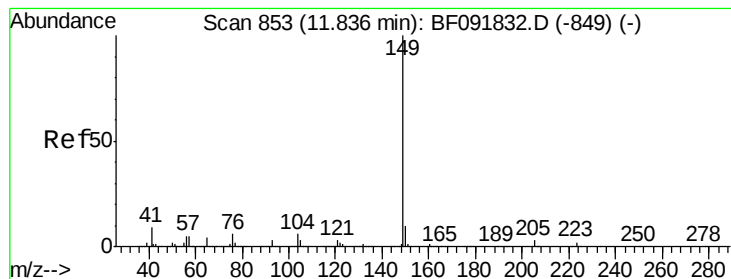
#66
4-Bromophenyl-phenylether
Concen: 4.70 ng
RT: 10.48 min Scan# 752
Delta R.T. -0.30 min
Lab File: BF092099.D
Acq: 5 Jan 2017 20:02

Tgt Ion:248 Resp: 33555
Ion Ratio Lower Upper
248 100
250 196.8 76.9 115.3#
141 403.9 68.2 102.4#



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





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.74 min Scan# 862

Delta R.T. -0.06 min

Lab File: BF092099.D

Acq: 5 Jan 2017 20:02

Instrument :

BNA_F

ClientSampleId :

MW-19

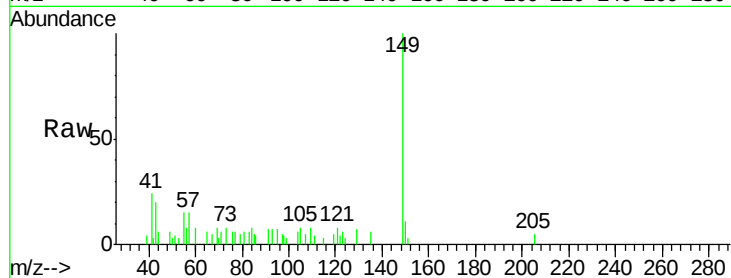
Tgt Ion:149 Resp: 8853

Ion Ratio Lower Upper

149 100

150 11.2 8.1 12.1

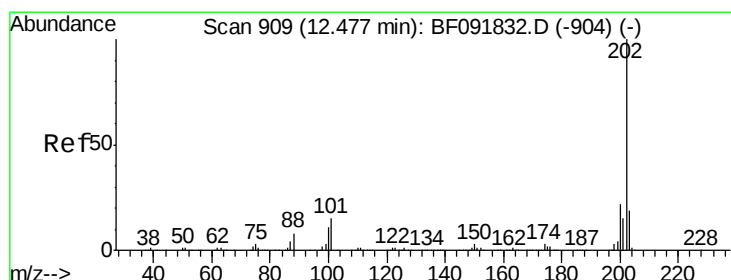
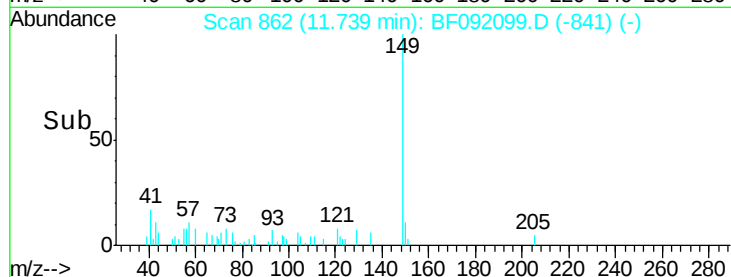
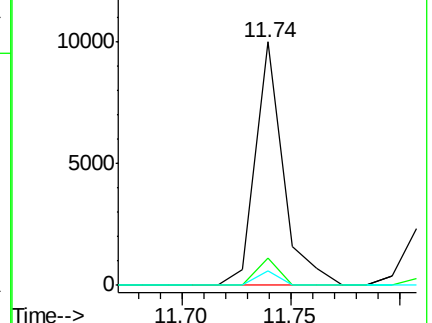
104 5.9 4.6 7.0



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: 12.37 min Scan# 917

Delta R.T. -0.07 min

Lab File: BF092099.D

Acq: 5 Jan 2017 20:02

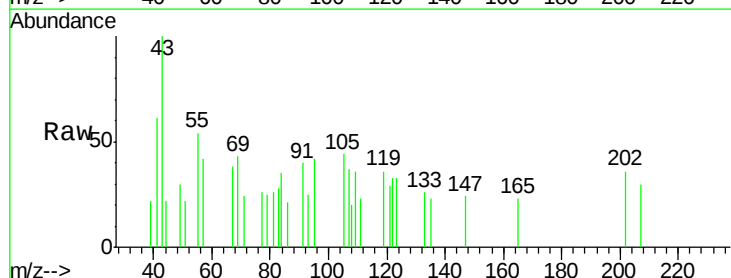
Tgt Ion:202 Resp: 719

Ion Ratio Lower Upper

202 100

101 0.0 0.0 34.6

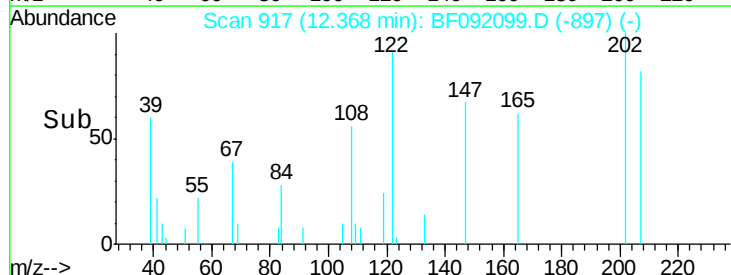
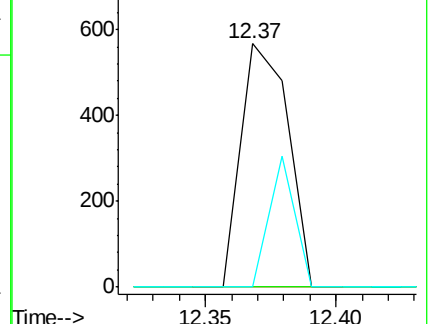
203 0.0 0.0 38.7

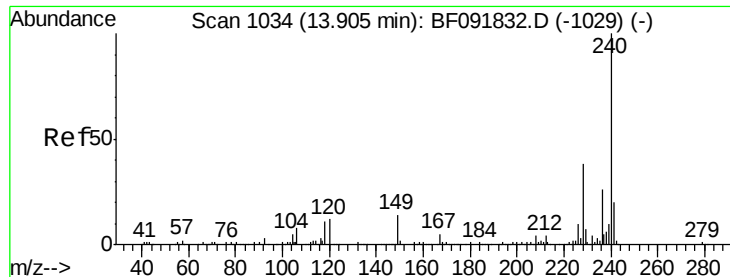


Abundance Ion 202.00 (201.70 to 202.70): E

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. -0.07 min

Lab File: BF092099.D

Acq: 5 Jan 2017 20:02

Instrument :

BNA_F

ClientSampleId :

MW-19

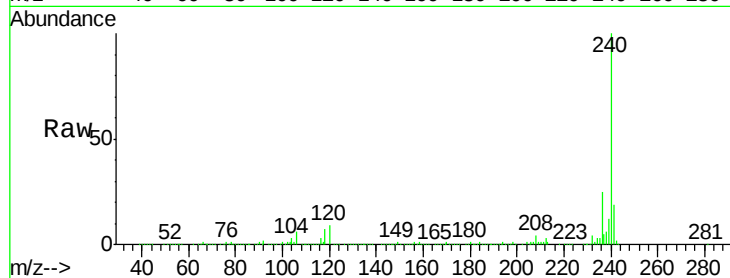
Tgt Ion:240 Resp: 549039

Ion Ratio Lower Upper

240 100

120 8.9 12.9 19.3#

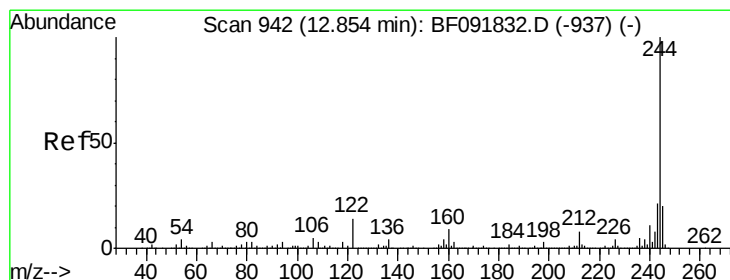
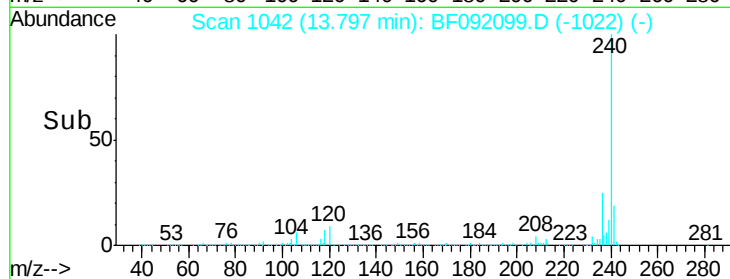
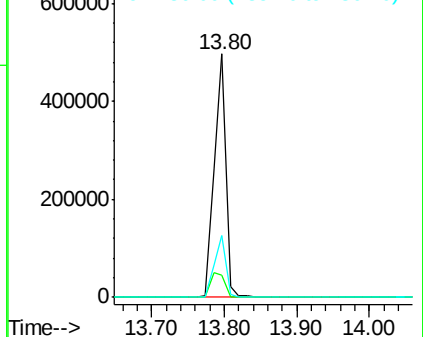
236 25.4 20.9 31.3



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: 83.70 ng

RT: 12.76 min Scan# 951

Delta R.T. -0.06 min

Lab File: BF092099.D

Acq: 5 Jan 2017 20:02

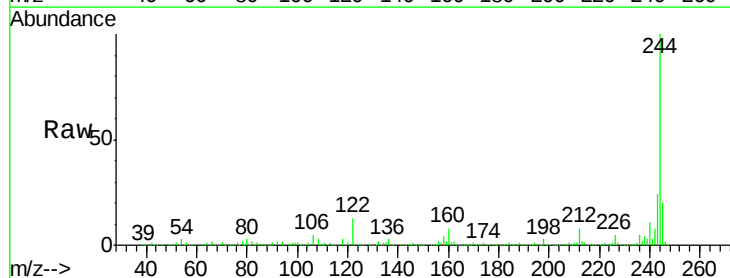
Tgt Ion:244 Resp: 1894806

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

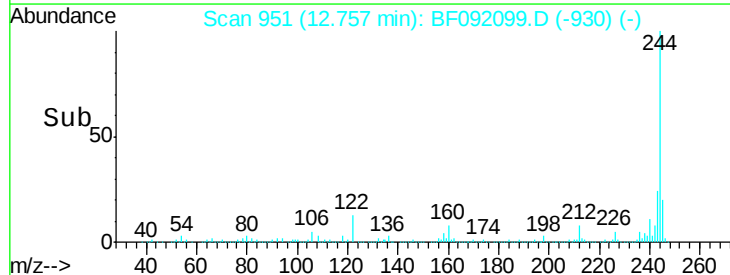
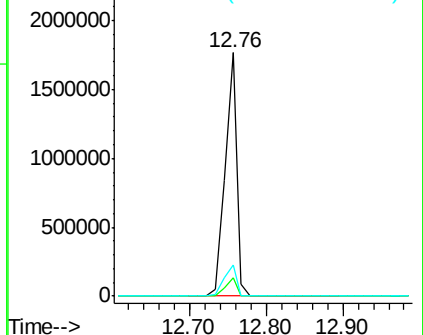
122 12.9 11.4 17.2

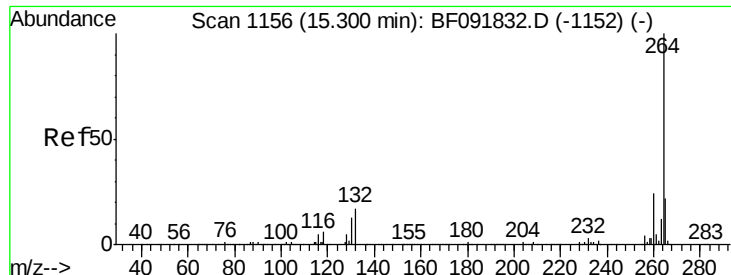


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

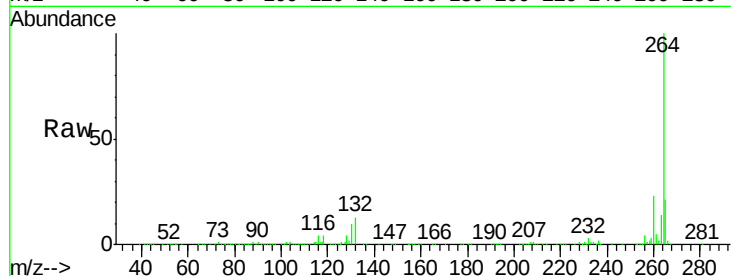




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1162
Delta R.T. -0.09 min
Lab File: BF092099.D
Acq: 5 Jan 2017 20:02

Instrument :
BNA_F
ClientSampleId :
MW-19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	20.7	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

