

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011717\
 Data File : BF092334.D
 Acq On : 17 Jan 2017 23:49
 Operator : UM/SJ
 Sample : I1246-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROW-SP-0-2-COMP

Quant Time: Jan 18 00:55:11 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 18 00:11:54 2017
 Response via : Initial Calibration

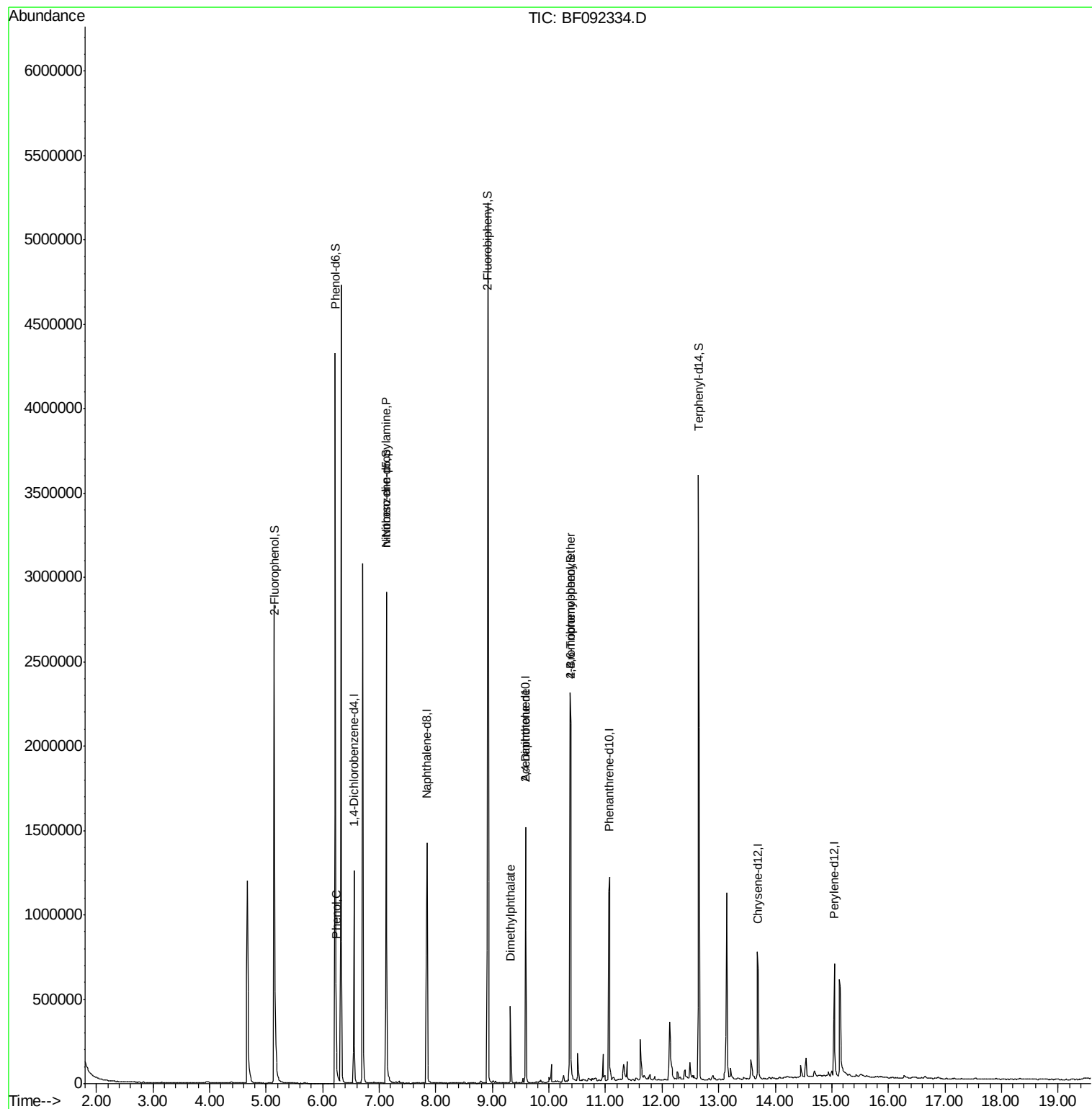
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	197213	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	833718	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	410568	20.00	ng	-0.01
63) Phenanthrene-d10	11.07	188	672587	20.00	ng	0.00
75) Chrysene-d12	13.70	240	352808	20.00	ng	0.00
86) Perylene-d12	15.05	264	300510	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	1325738	112.25	ng	0.01
7) Phenol-d6	6.22	99	1627145	112.84	ng	0.00
23) Nitrobenzene-d5	7.12	82	1085119	72.37	ng	-0.01
41) 2,4,6-Tribromophenol	10.38	330	439336	129.30	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1686155	83.99	ng	0.00
78) Terphenyl-d14	12.65	244	1428633	98.21	ng	0.00
Target Compounds						
10) Phenol	6.23	94	71350	4.34	ng	# 71
19) n-Nitroso-di-n-propylamine	7.12	70	141694	14.77	ng	# 76
37) 2-Methylnaphthalene	8.56	142	941	Below Cal		99
49) Dimethylphthalate	9.32	163	207151	7.89	ng	# 99
56) 2,4-Dinitrotoluene	9.58	165	53603	7.43	ng	# 20
66) 4-Bromophenyl-phenylether	10.38	248	26765	3.83	ng	# 1
71) Anthracene	11.09	178	16245	Below Cal		100
73) Di-n-butylphthalate	11.64	149	12001	Below Cal		98
74) Fluoranthene	12.28	202	26306	Below Cal		95
76) Benzidine	12.65	184	16835	Below Cal	#	95

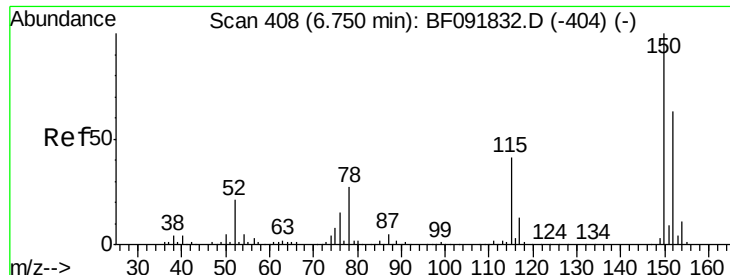
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.55 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF092334.D

Acq: 17 Jan 2017 23:49

Instrument :

BNA_F

ClientSampleId :

ROW-SP-0-2-COMP

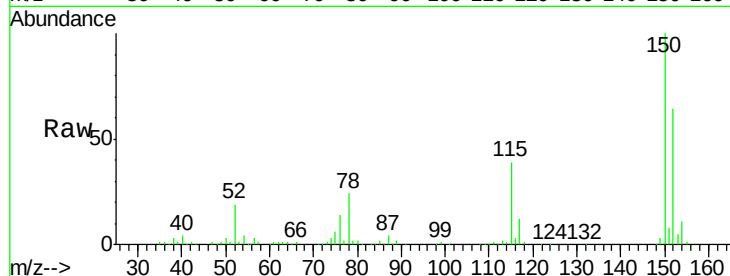
Tgt Ion:152 Resp: 197213

Ion Ratio Lower Upper

152 100

150 157.0 124.9 187.3

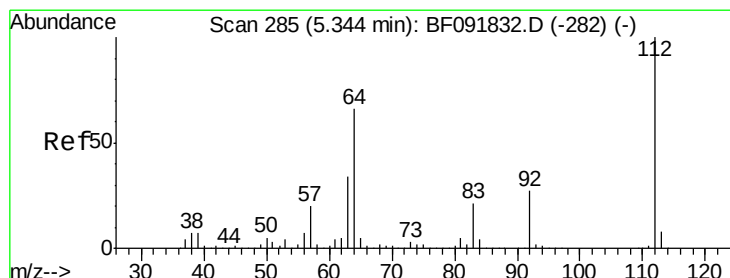
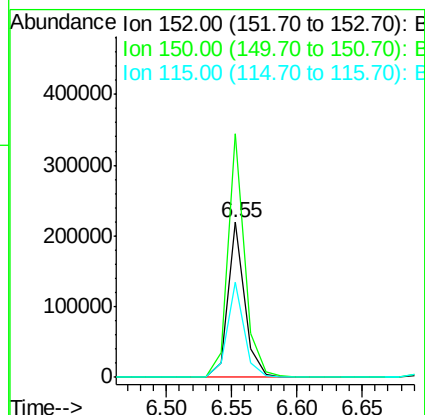
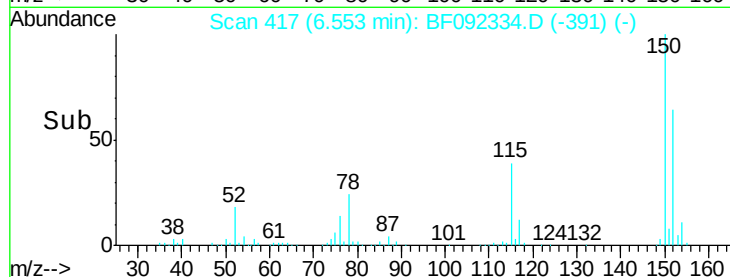
115 61.3 46.0 69.0



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: 112.25 ng

RT: 5.15 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF092334.D

Acq: 17 Jan 2017 23:49

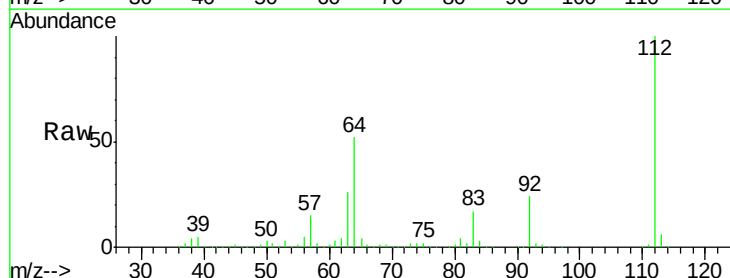
Tgt Ion:112 Resp: 1325738

Ion Ratio Lower Upper

112 100

64 51.6 46.1 69.1

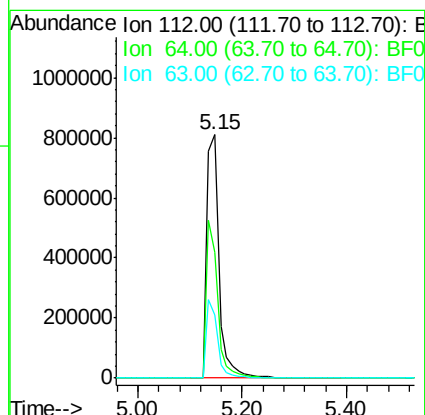
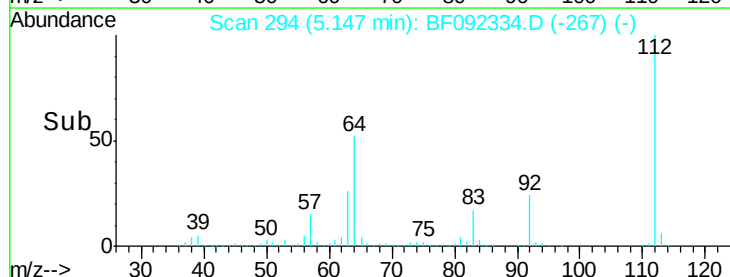
63 25.9 23.8 35.6

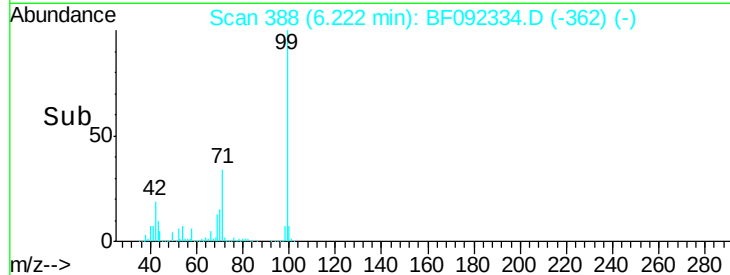
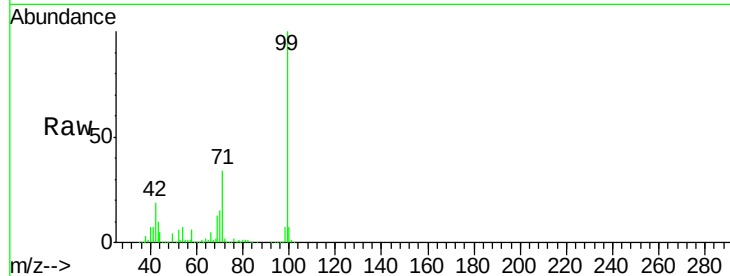
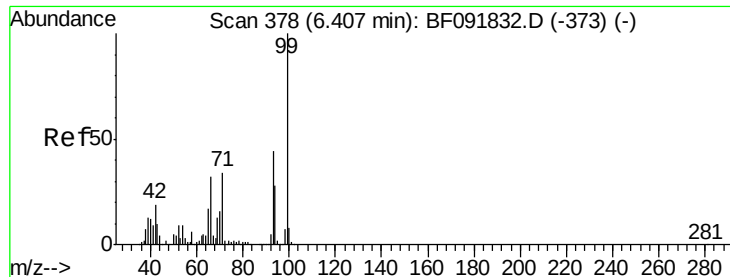


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 112.84 ng

RT: 6.22 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF092334.D

Acq: 17 Jan 2017 23:49

Instrument :

BNA_F

ClientSampleId :

ROW-SP-0-2-COMP

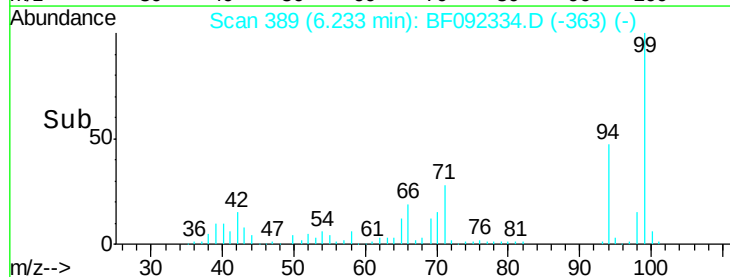
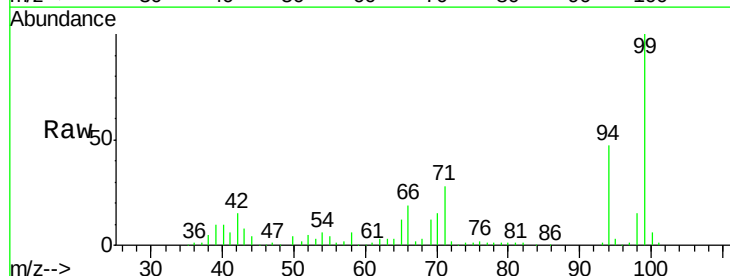
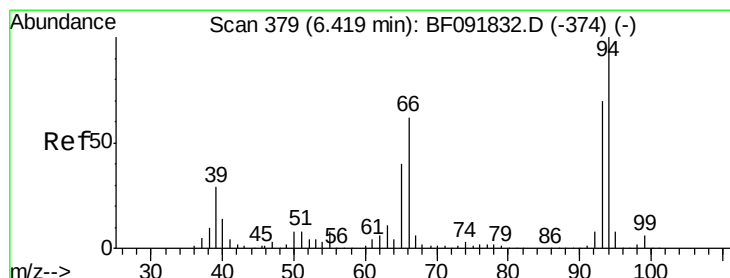
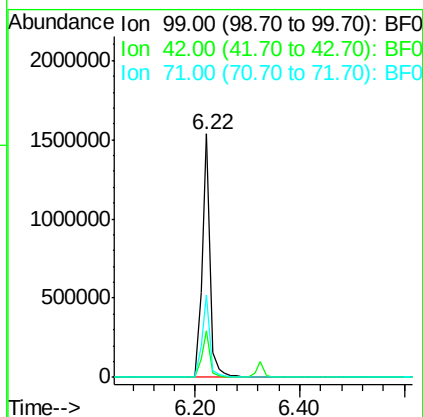
Tgt Ion: 99 Resp: 1627145

Ion Ratio Lower Upper

99 100

42 19.0 15.6 23.4

71 33.7 27.5 41.3



#10

Phenol

Concen: 4.34 ng

RT: 6.23 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF092334.D

Acq: 17 Jan 2017 23:49

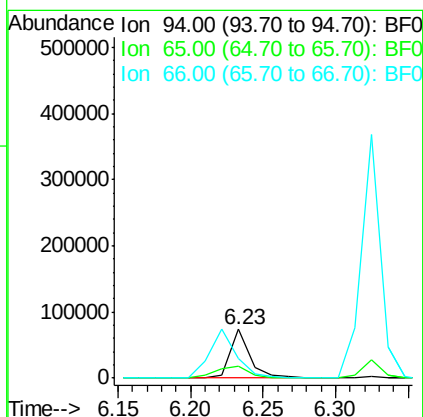
Tgt Ion: 94 Resp: 71350

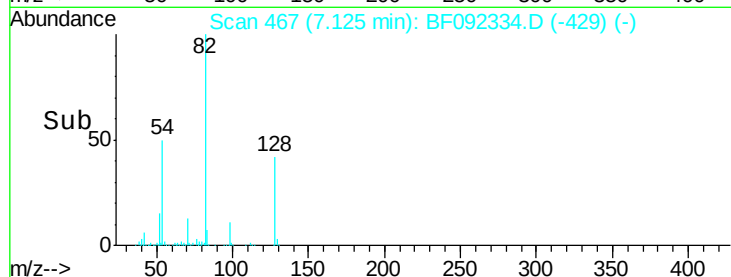
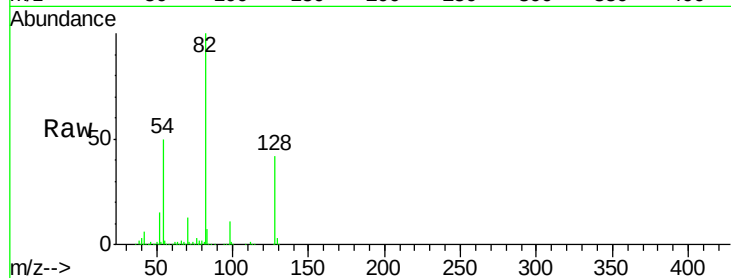
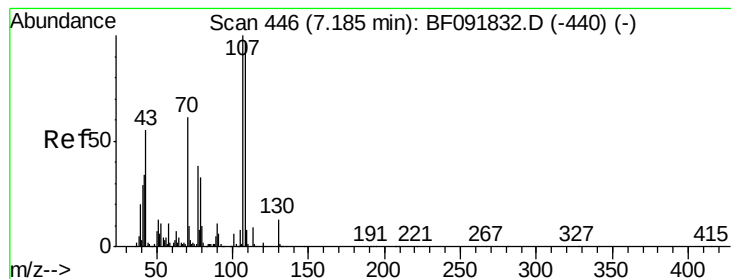
Ion Ratio Lower Upper

94 100

65 25.7 21.4 61.4

66 39.7 44.0 84.0#





#19

n-Nitroso-di-n-propylamine

Concen: 14.77 ng

RT: 7.12 min Scan# 467

Delta R.T. 0.14 min

Lab File: BF092334.D

Acq: 17 Jan 2017 23:49

Instrument :

BNA_F

ClientSampleId :

ROW-SP-0-2-COMP

Tgt Ion: 70 Resp: 141694

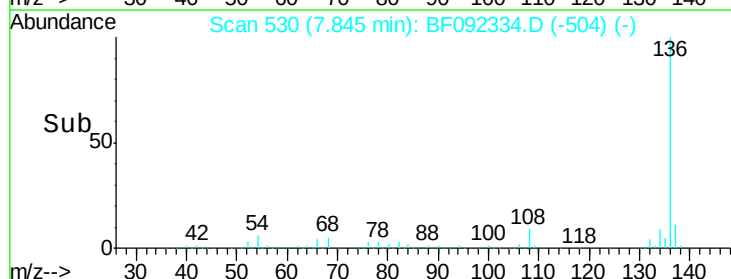
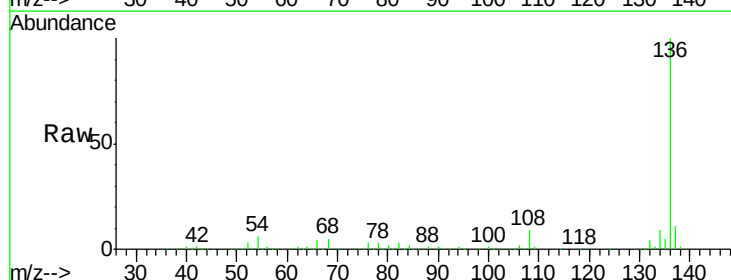
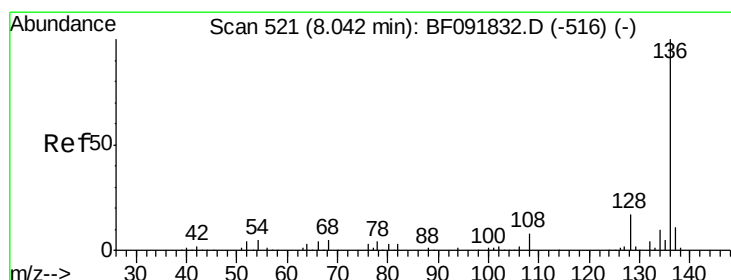
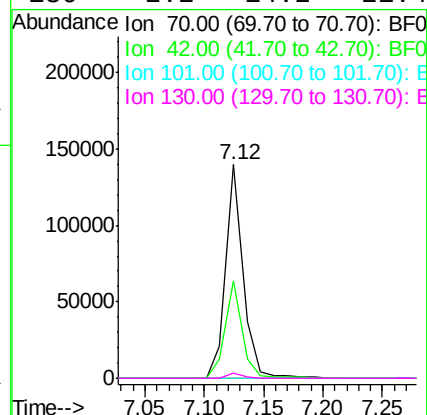
Ion Ratio Lower Upper

70 100

42 45.4 49.4 74.0#

101 0.0 7.4 11.2#

130 2.2 14.2 21.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 530

Delta R.T. 0.00 min

Lab File: BF092334.D

Acq: 17 Jan 2017 23:49

Tgt Ion: 136 Resp: 833718

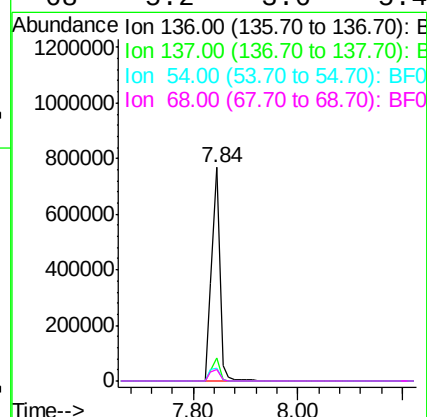
Ion Ratio Lower Upper

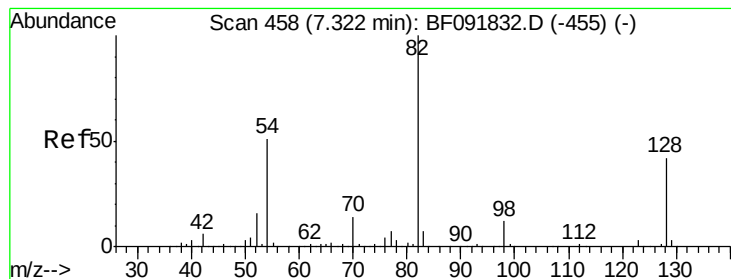
136 100

137 10.7 8.4 12.6

54 6.0 4.5 6.7

68 5.2 3.6 5.4





#23

Nitrobenzene-d5

Concen: 72.37 ng

RT: 7.12 min Scan# 467

Delta R.T. -0.01 min

Lab File: BF092334.D

Acq: 17 Jan 2017 23:49

Instrument :

BNA_F

ClientSampleId :

ROW-SP-0-2-COMP

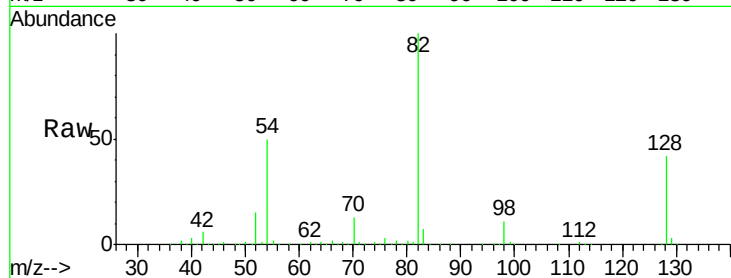
Tgt Ion: 82 Resp: 1085119

Ion Ratio Lower Upper

82 100

128 41.9 34.6 52.0

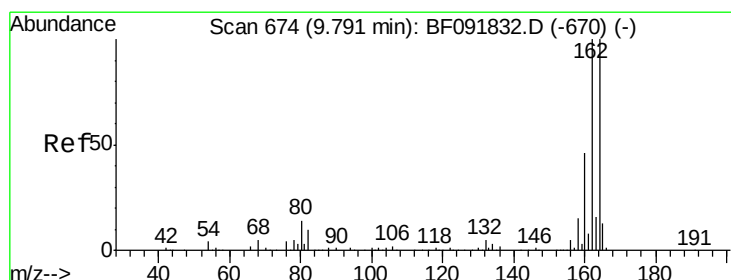
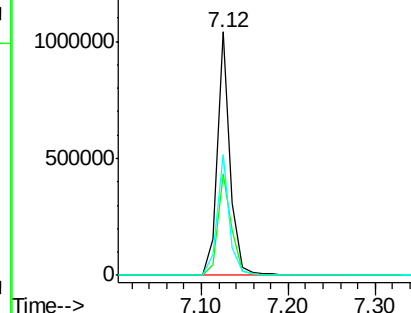
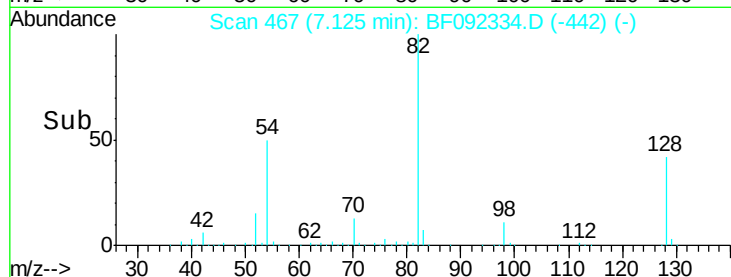
54 49.8 39.5 59.3



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.58 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF092334.D

Acq: 17 Jan 2017 23:49

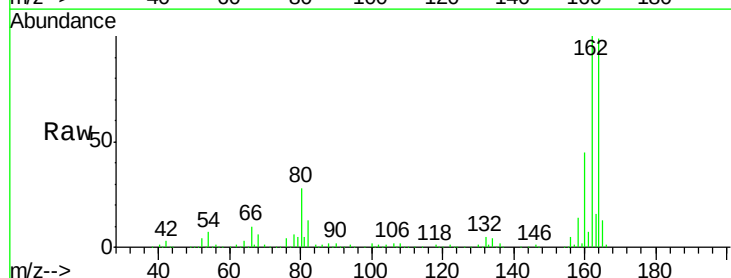
Tgt Ion: 164 Resp: 410568

Ion Ratio Lower Upper

164 100

162 101.1 80.2 120.2

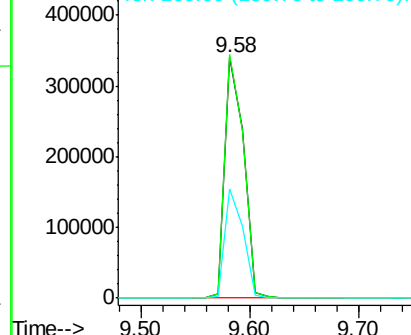
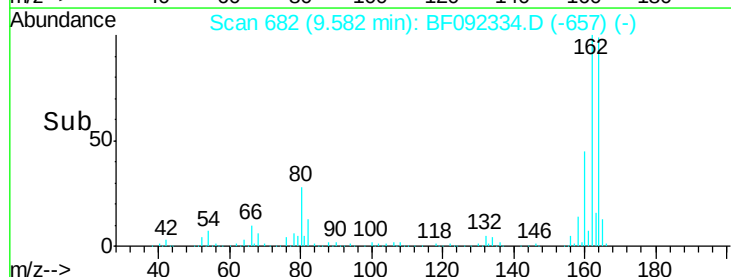
160 45.5 36.9 55.3

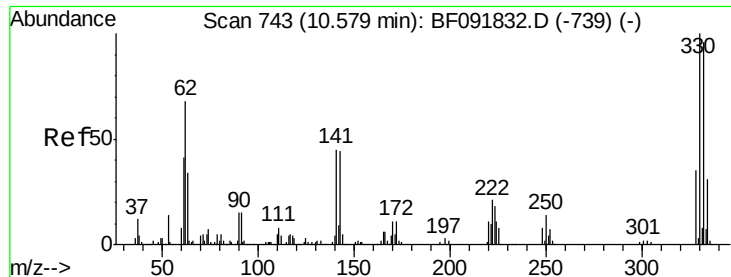


Abundance Ion 164.00 (163.70 to 164.70): BF0

Ion 162.00 (161.70 to 162.70): BF0

Ion 160.00 (159.70 to 160.70): BF0

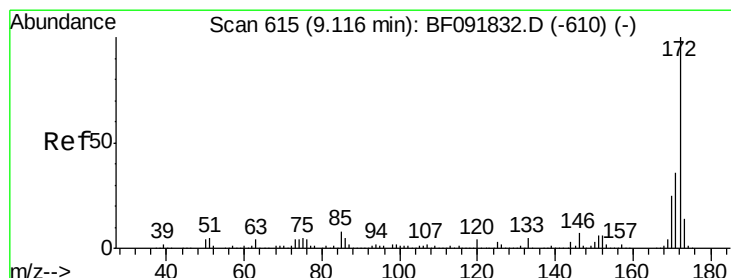
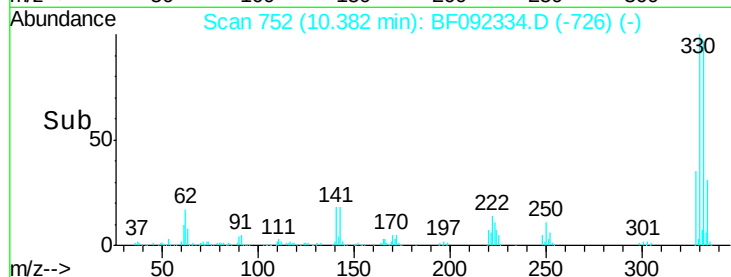
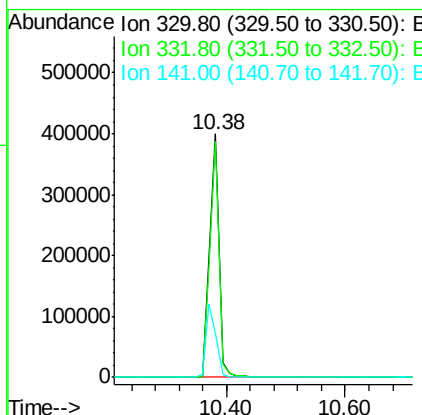
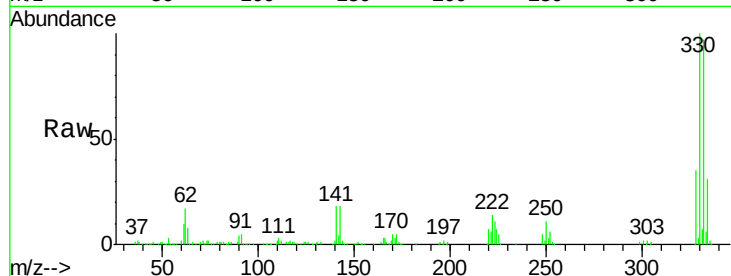




#41
 2,4,6-Tribromophenol
 Concen: 129.30 ng
 RT: 10.38 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF092334.D
 Acq: 17 Jan 2017 23:49

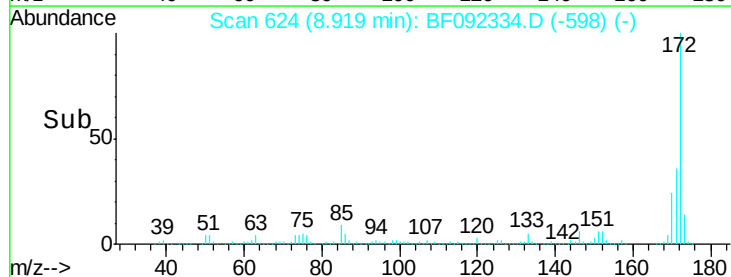
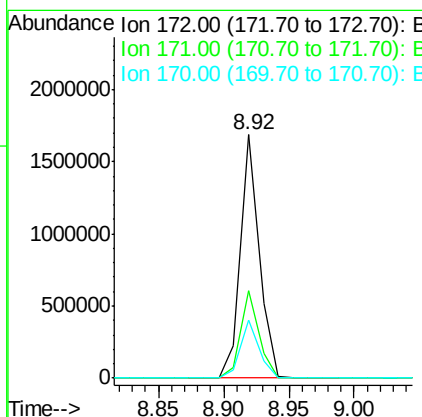
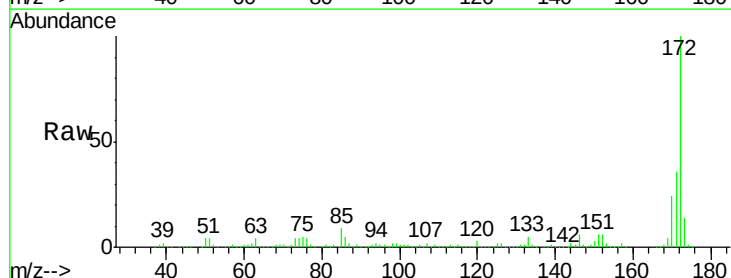
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 ROW-SP-0-2-COMP

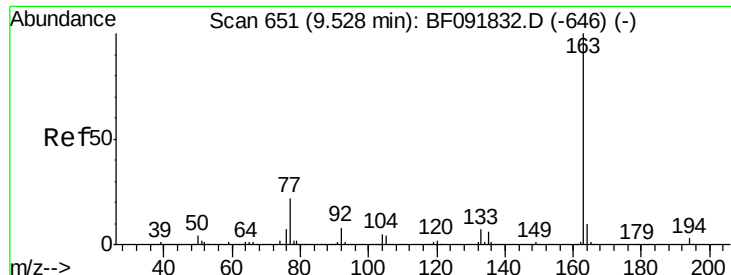
Tgt Ion:330 Resp: 439336
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.4 116.2
 141 32.3 34.1 51.1#



#44
 2-Fluorobiphenyl
 Concen: 83.99 ng
 RT: 8.92 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF092334.D
 Acq: 17 Jan 2017 23:49

Tgt Ion:172 Resp: 1686155
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.4 44.0
 170 24.0 20.2 30.4

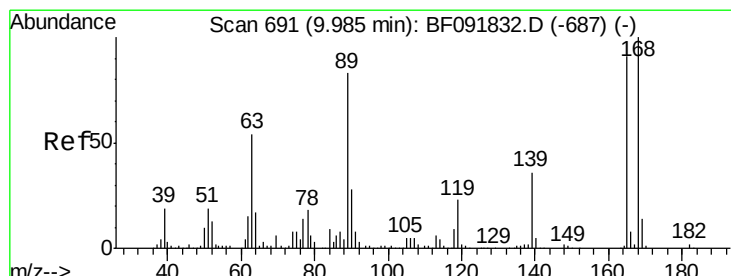
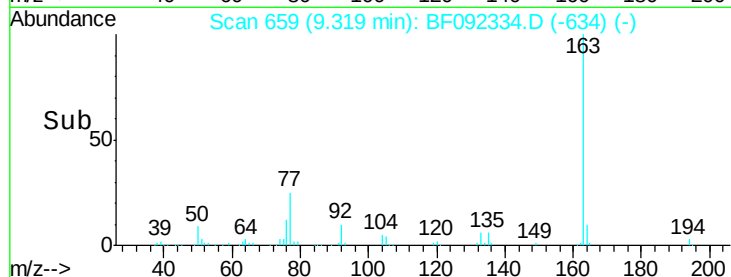
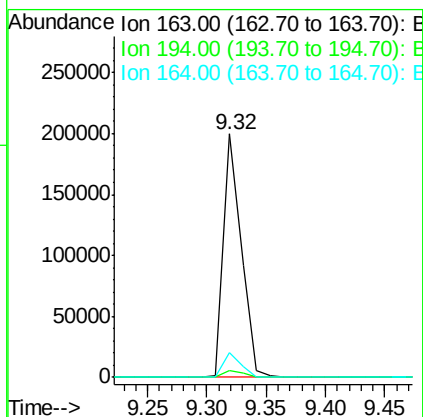
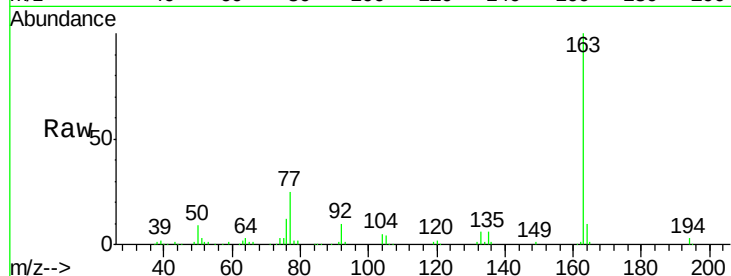




#49
Dimethylphthalate
Concen: 7.89 ng
RT: 9.32 min Scan# 659
Delta R.T. -0.01 min
Lab File: BF092334.D
Acq: 17 Jan 2017 23:49

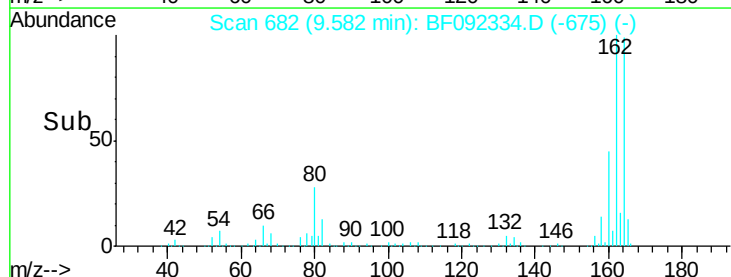
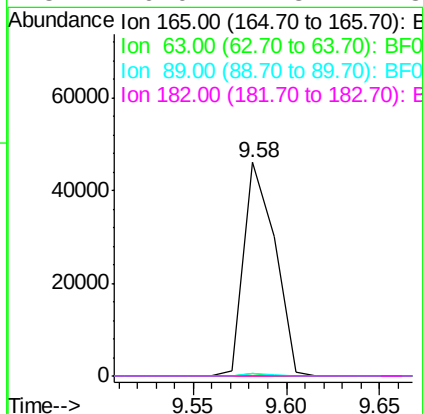
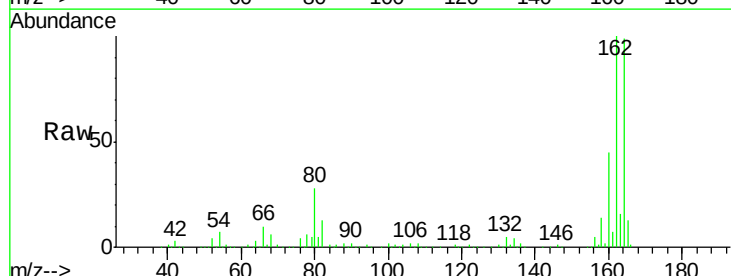
Instrument :
BNA_F
ClientSampleId :
ROW-SP-0-2-COMP

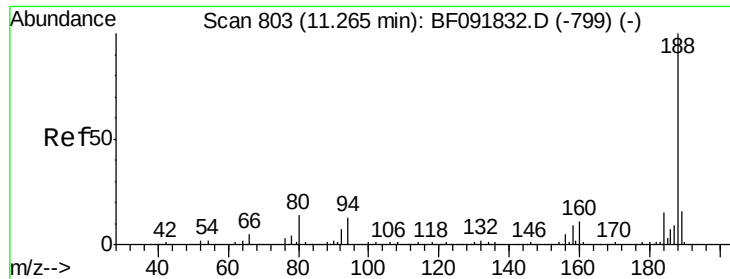
Tgt Ion:163 Resp: 207151
Ion Ratio Lower Upper
163 100
194 2.8 3.0 4.4#
164 10.0 8.0 12.0



#56
2,4-Dinitrotoluene
Concen: 7.43 ng
RT: 9.58 min Scan# 682
Delta R.T. -0.22 min
Lab File: BF092334.D
Acq: 17 Jan 2017 23:49

Tgt Ion:165 Resp: 53603
Ion Ratio Lower Upper
165 100
63 1.1 40.2 60.4#
89 1.3 62.5 93.7#
182 0.0 1.8 2.8#

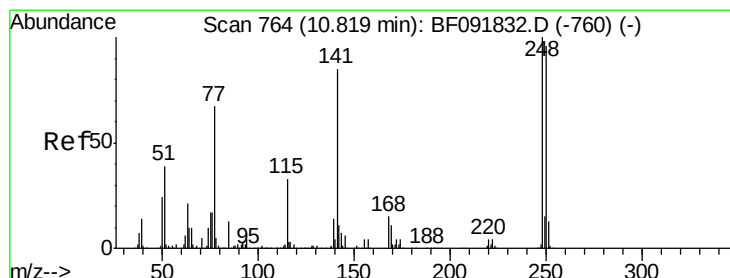
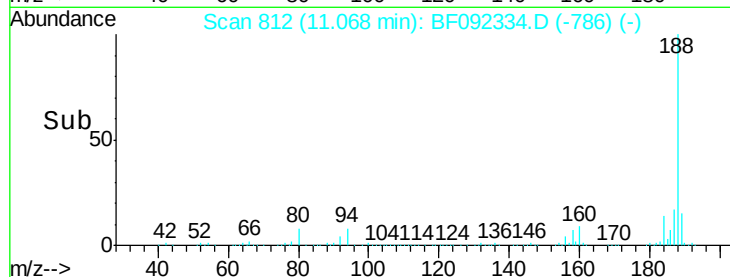
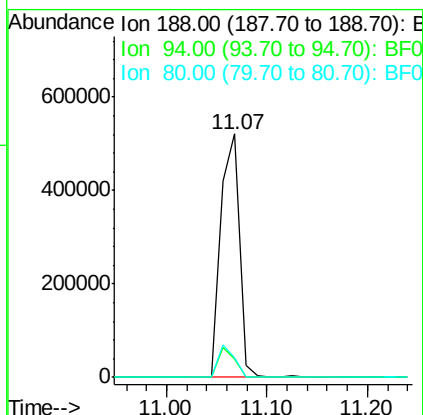
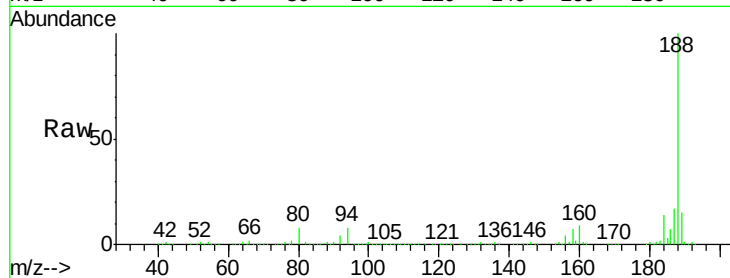




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.07 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF092334.D
 Acq: 17 Jan 2017 23:49

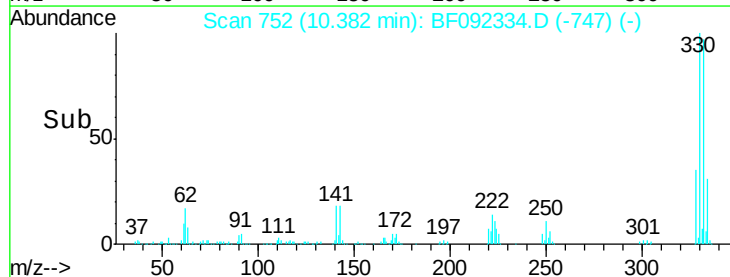
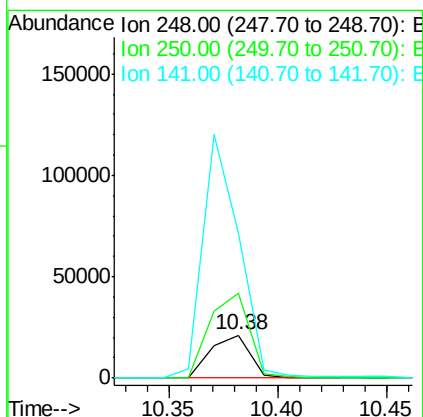
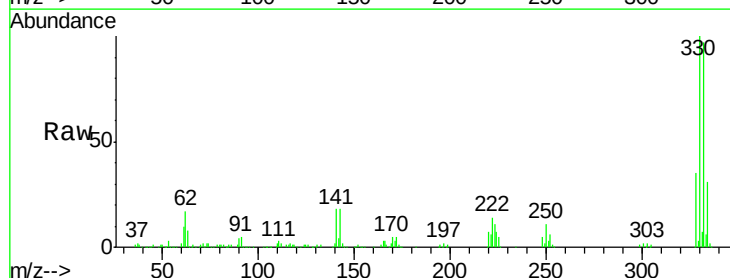
Instrument :
 BNA_F
 ClientSampleId :
 ROW-SP-0-2-COMP

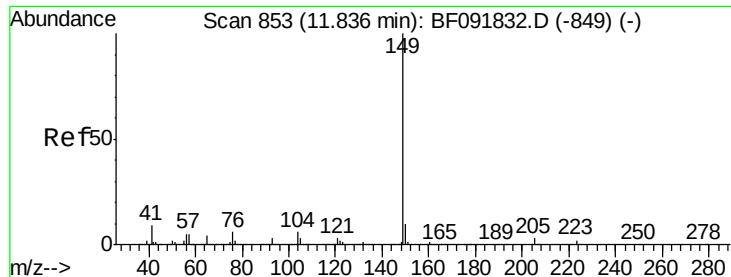
Tgt Ion:188 Resp: 672587
 Ion Ratio Lower Upper
 188 100
 94 7.7 10.0 15.0#
 80 7.8 11.2 16.8#



#66
 4-Bromophenyl-phenylether
 Concen: 3.83 ng
 RT: 10.38 min Scan# 752
 Delta R.T. -0.24 min
 Lab File: BF092334.D
 Acq: 17 Jan 2017 23:49

Tgt Ion:248 Resp: 26765
 Ion Ratio Lower Upper
 248 100
 250 197.6 76.9 115.3#
 141 337.2 68.2 102.4#





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.64 min Scan# 862

Delta R.T. 0.00 min

Lab File: BF092334.D

Acq: 17 Jan 2017 23:49

Instrument :

BNA_F

ClientSampleId :

ROW-SP-0-2-COMP

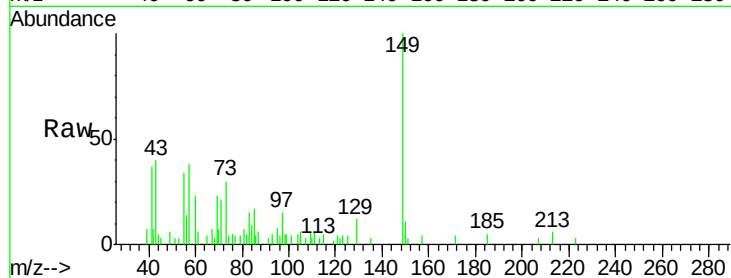
Tgt Ion:149 Resp: 12001

Ion Ratio Lower Upper

149 100

150 10.8 8.1 12.1

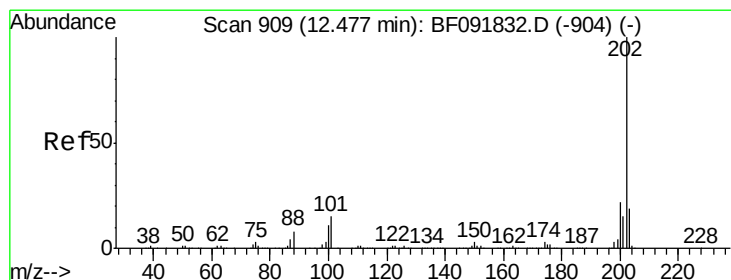
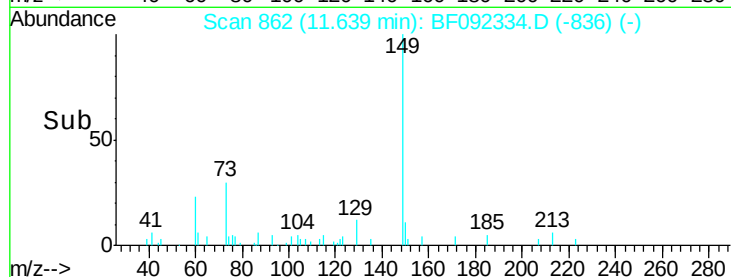
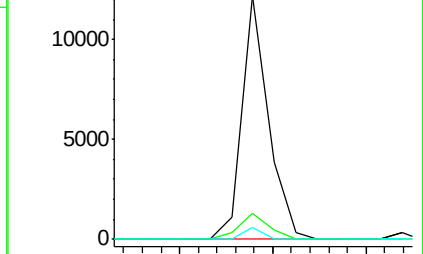
104 4.7 4.6 7.0



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: 12.28 min Scan# 918

Delta R.T. 0.01 min

Lab File: BF092334.D

Acq: 17 Jan 2017 23:49

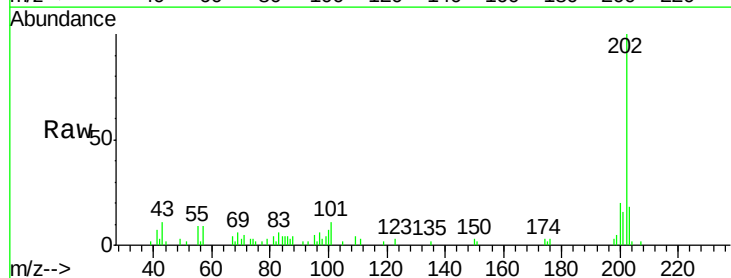
Tgt Ion:202 Resp: 26306

Ion Ratio Lower Upper

202 100

101 10.6 0.0 34.6

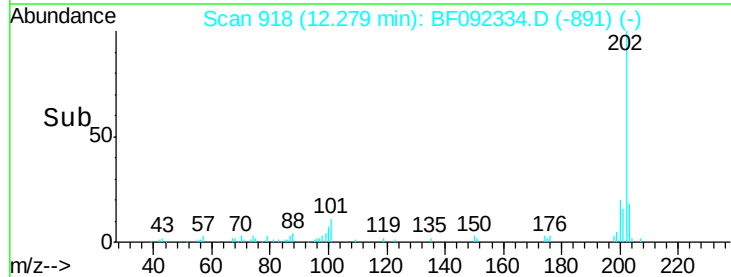
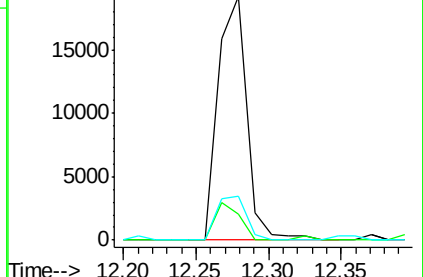
203 17.9 0.0 38.7

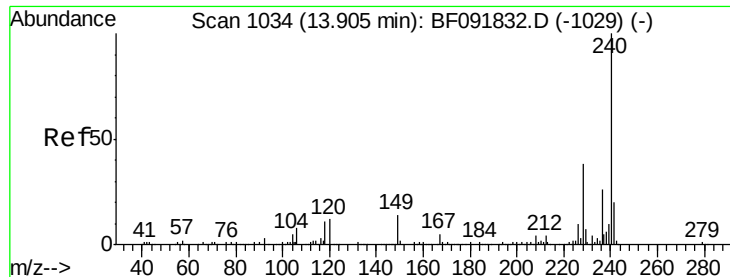


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.70 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BF092334.D

Acq: 17 Jan 2017 23:49

Instrument :

BNA_F

ClientSampleId :

ROW-SP-0-2-COMP

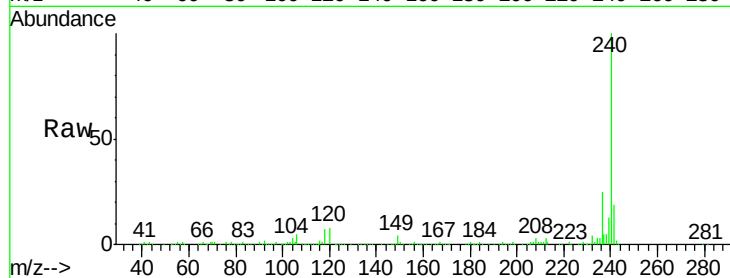
Tgt Ion:240 Resp: 352808

Ion Ratio Lower Upper

240 100

120 7.5 12.9 19.3#

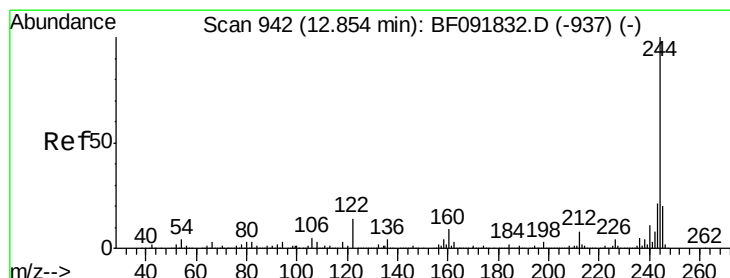
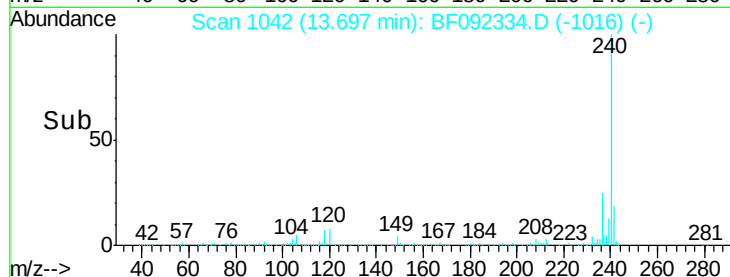
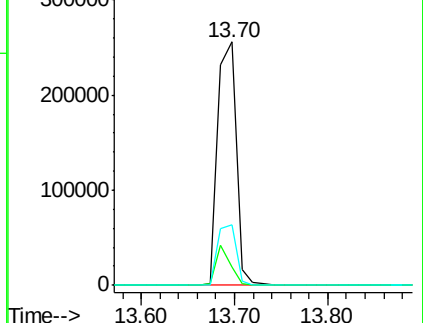
236 24.8 20.9 31.3



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: 98.21 ng

RT: 12.65 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF092334.D

Acq: 17 Jan 2017 23:49

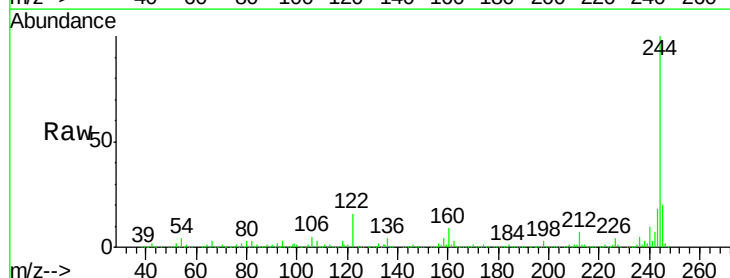
Tgt Ion:244 Resp: 1428633

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

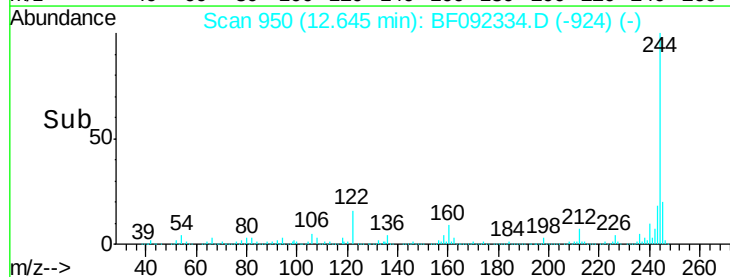
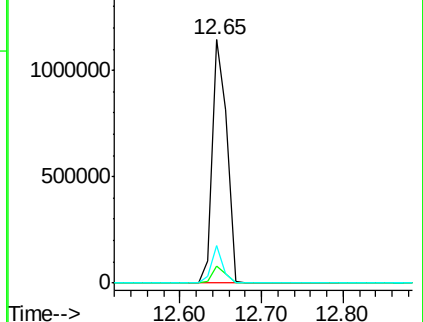
122 15.6 11.4 17.2

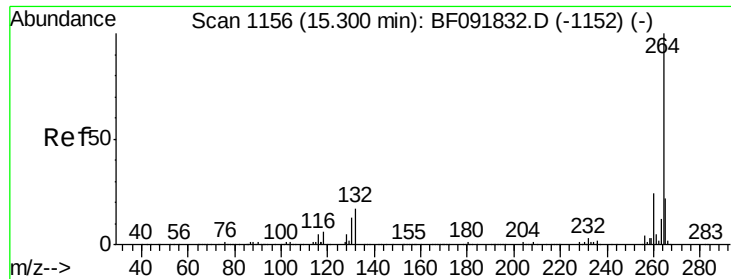


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

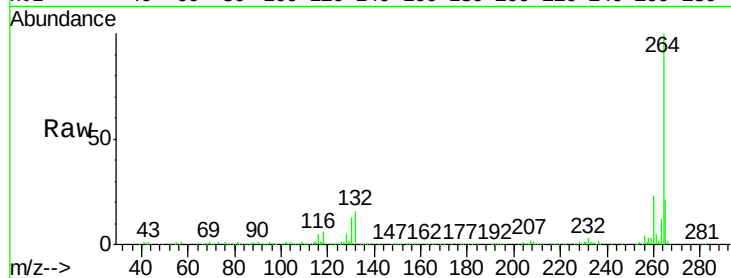




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BF092334.D
Acq: 17 Jan 2017 23:49

Instrument :
BNA_F
ClientSampleId :
ROW-SP-0-2-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.3	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

