

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF113016\
 Data File : BF091359.D
 Acq On : 30 Nov 2016 17:28
 Operator : UM/SJ
 Sample : H5767-03
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 112216-DSDC-E-U-B

Quant Time: Dec 01 00:16:46 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

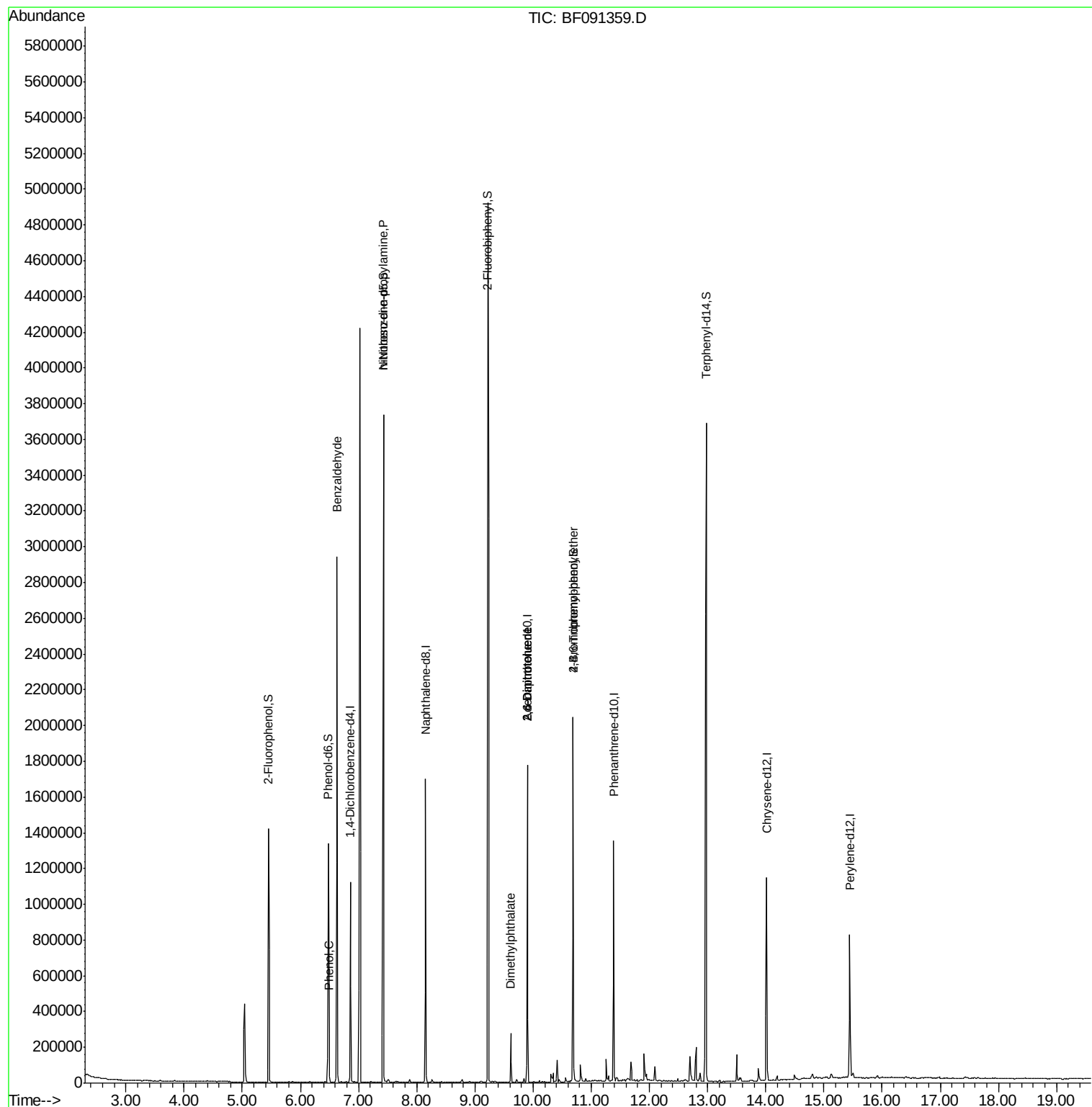
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	183581	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	744993	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	370111	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	547740	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	411670	20.00	ng	-0.03
86) Perylene-d12	15.44	264	375008	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	404654	36.01	ng	-0.02
7) Phenol-d6	6.48	99	350606	25.34	ng	-0.02
23) Nitrobenzene-d5	7.43	82	1285666	96.71	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	252864	72.17	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	2084216	101.96	ng	-0.02
78) Terphenyl-d14	12.97	244	1584429	83.65	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.63	77	18960	2.13	ng	88
10) Phenol	6.49	94	46303	2.84	ng	92
19) n-Nitroso-di-n-propylamine	7.43	70	178135	20.44	ng	# 72
49) Dimethylphthalate	9.61	163	120191	5.36	ng	97
50) 2,6-Dinitrotoluene	9.90	165	49460	9.87	ng	# 16
56) 2,4-Dinitrotoluene	9.90	165	49462	7.61	ng	# 33
66) 4-Bromophenyl-phenylether	10.69	248	17548	2.98	ng	# 1

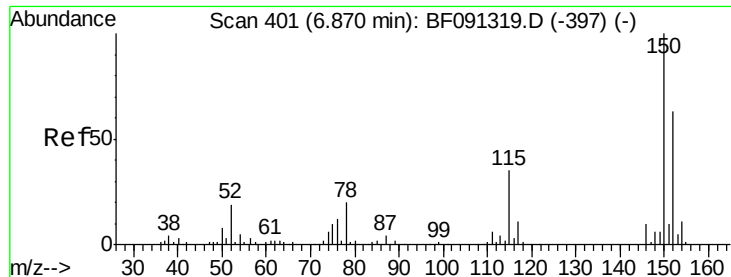
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF091359.D

Acq: 30 Nov 2016 17:28

Instrument :

BNA_F

ClientSampleId :

112216-DSDC-E-U-B

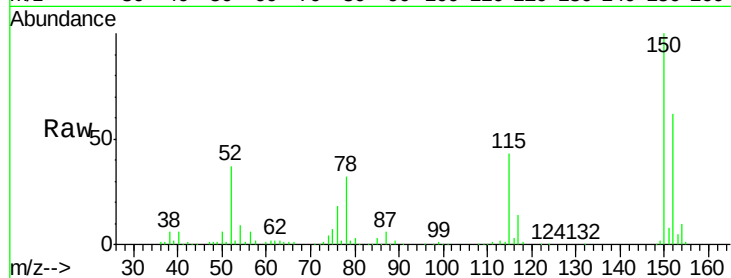
Tgt Ion:152 Resp: 183581

Ion Ratio Lower Upper

152 100

150 161.2 122.5 183.7

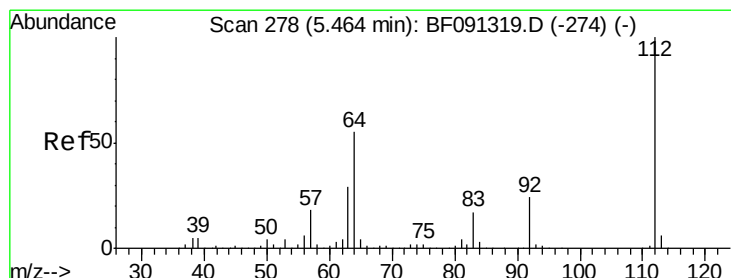
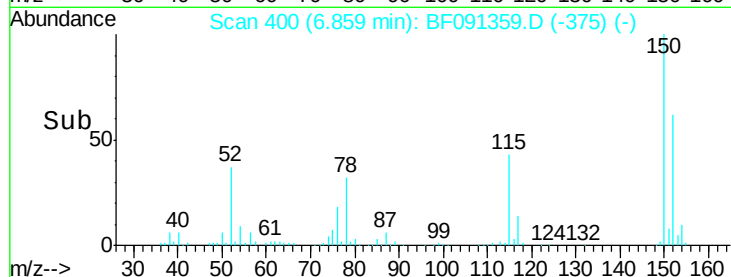
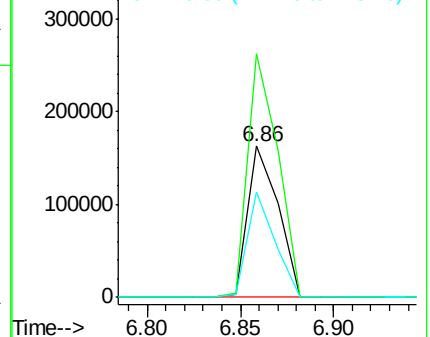
115 69.4 51.8 77.8



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: 36.01 ng

RT: 5.45 min Scan# 277

Delta R.T. -0.02 min

Lab File: BF091359.D

Acq: 30 Nov 2016 17:28

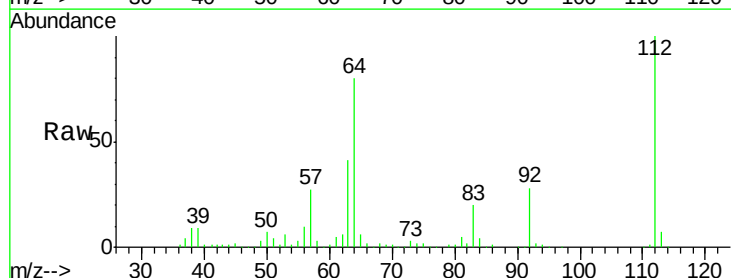
Tgt Ion:112 Resp: 404654

Ion Ratio Lower Upper

112 100

64 79.9 61.5 92.3

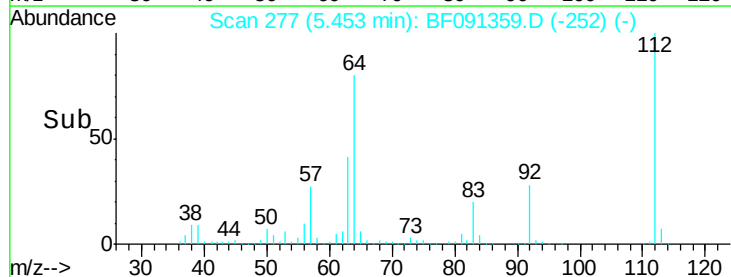
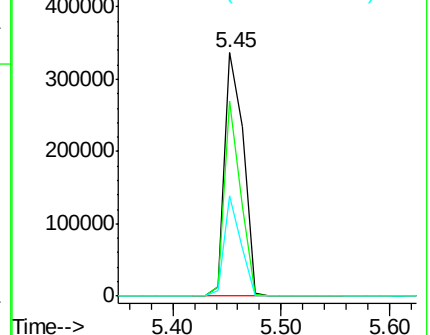
63 41.4 33.3 49.9

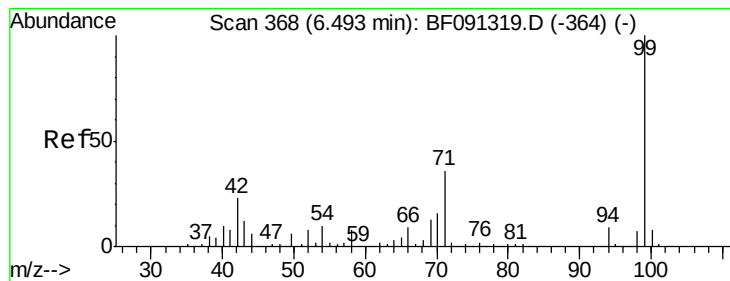


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 25.34 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.02 min

Lab File: BF091359.D

Acq: 30 Nov 2016 17:28

Instrument :

BNA_F

ClientSampleId :

112216-DSDC-E-U-B

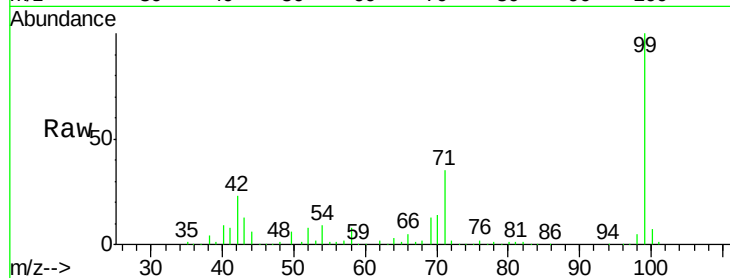
Tgt Ion: 99 Resp: 350606

Ion Ratio Lower Upper

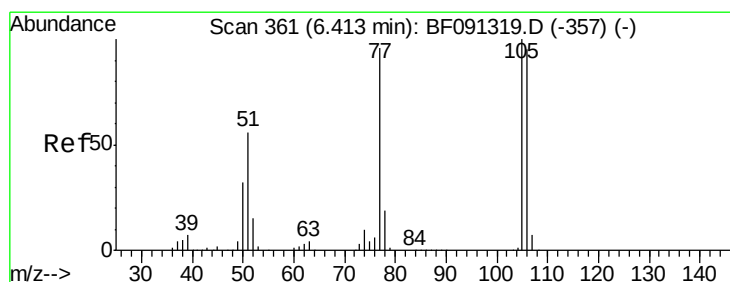
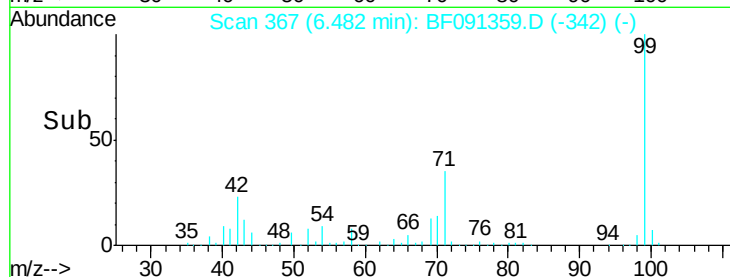
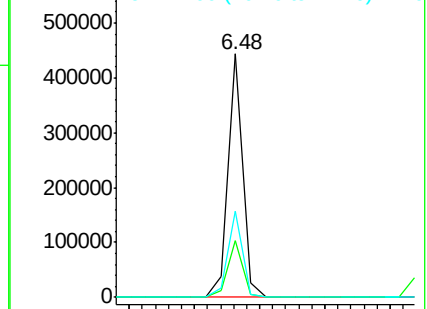
99 100

42 23.3 20.6 31.0

71 35.4 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



#9

Benzaldehyde

Concen: 2.13 ng

RT: 6.63 min Scan# 380

Delta R.T. 0.21 min

Lab File: BF091359.D

Acq: 30 Nov 2016 17:28

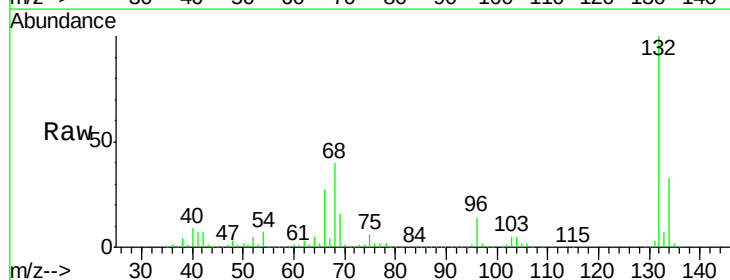
Tgt Ion: 77 Resp: 18960

Ion Ratio Lower Upper

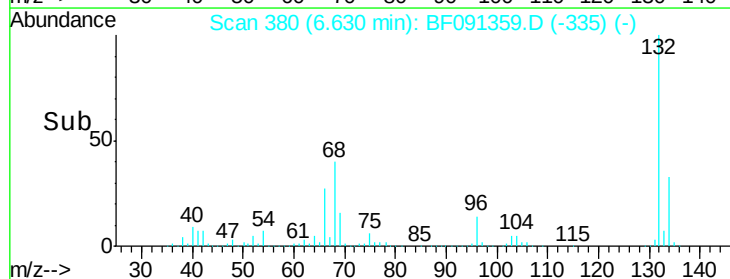
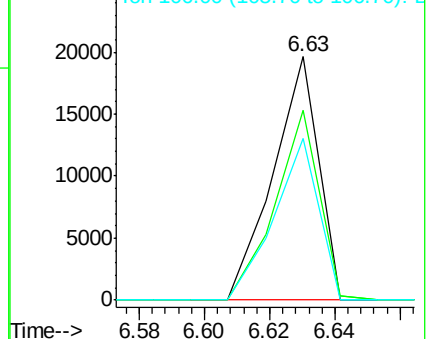
77 100

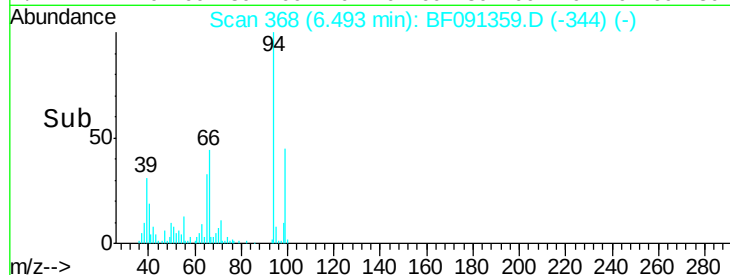
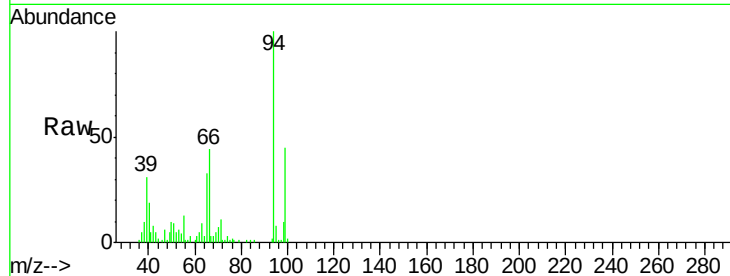
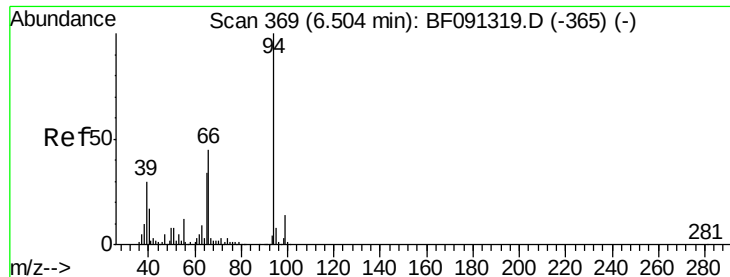
105 78.2 66.4 106.4

106 66.5 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





#10

Phenol

Concen: 2.84 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.03 min

Lab File: BF091359.D

Acq: 30 Nov 2016 17:28

Instrument :

BNA_F

ClientSampleId :

112216-DSDC-E-U-B

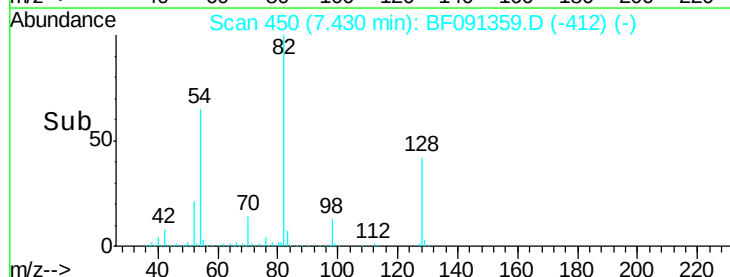
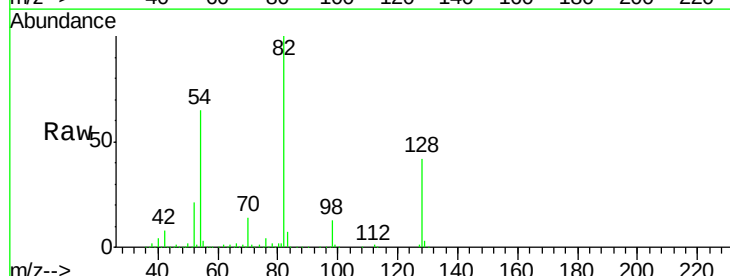
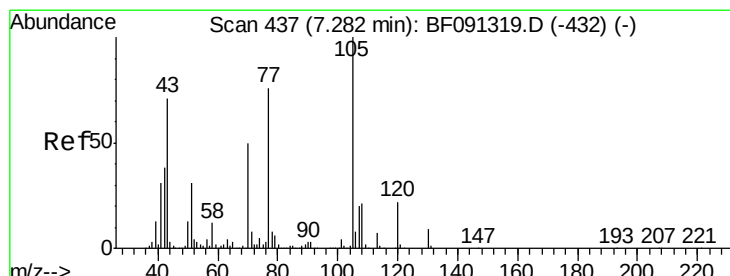
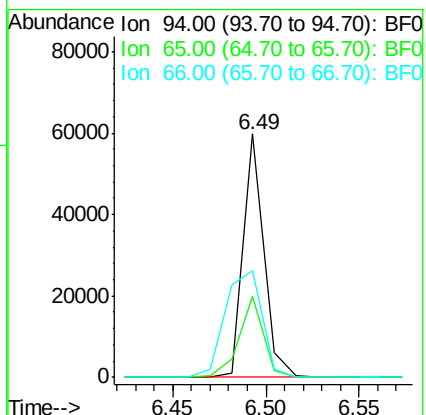
Tgt Ion: 94 Resp: 46303

Ion Ratio Lower Upper

94 100

65 33.4 16.9 56.9

66 43.6 30.6 70.6



#19

n-Nitroso-di-n-propylamine

Concen: 20.44 ng

RT: 7.43 min Scan# 450

Delta R.T. 0.13 min

Lab File: BF091359.D

Acq: 30 Nov 2016 17:28

Tgt Ion: 70 Resp: 178135

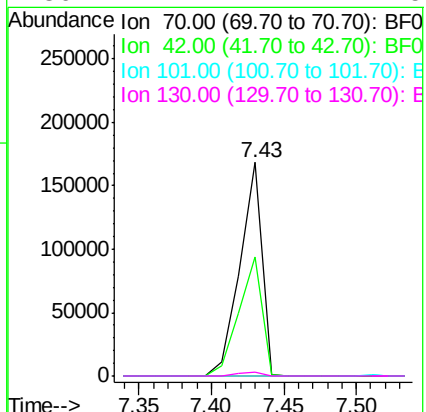
Ion Ratio Lower Upper

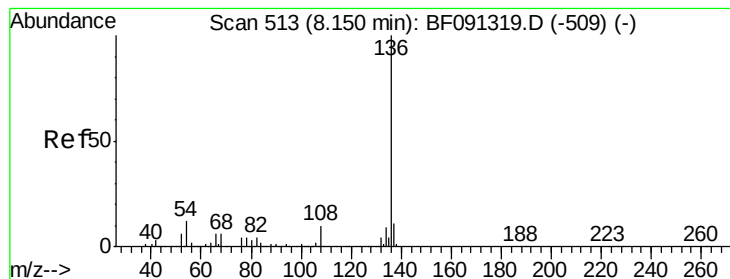
70 100

42 55.6 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: 8.15 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF091359.D

Acq: 30 Nov 2016 17:28

Instrument :

BNA_F

ClientSampleId :

112216-DSDC-E-U-B

Tgt Ion:136 Resp: 744993

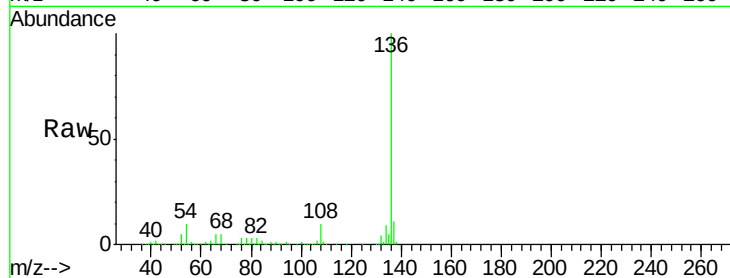
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 9.7 9.1 13.7

68 4.7 5.9 8.9#

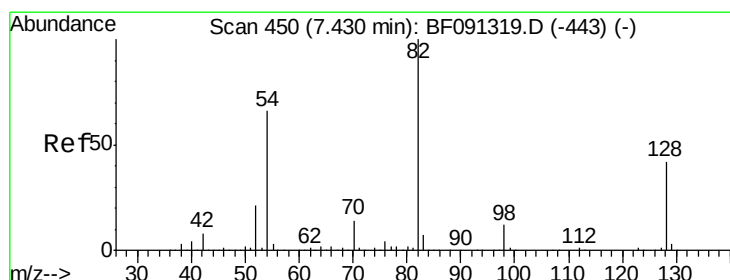
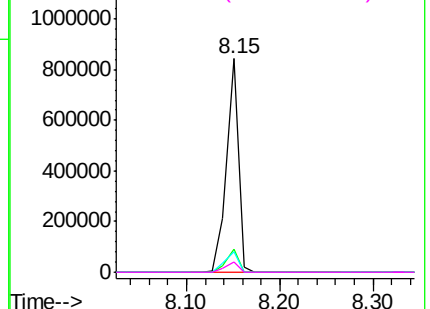
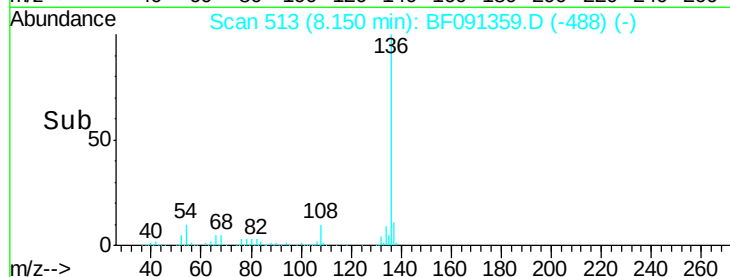


Abundance Ion 136.00 (135.70 to 136.70): E

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: 96.71 ng

RT: 7.43 min Scan# 450

Delta R.T. -0.02 min

Lab File: BF091359.D

Acq: 30 Nov 2016 17:28

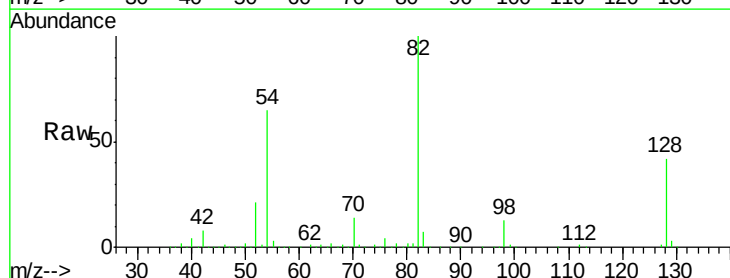
Tgt Ion: 82 Resp: 1285666

Ion Ratio Lower Upper

82 100

128 42.3 31.8 47.6

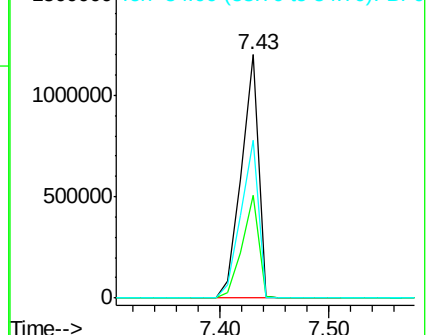
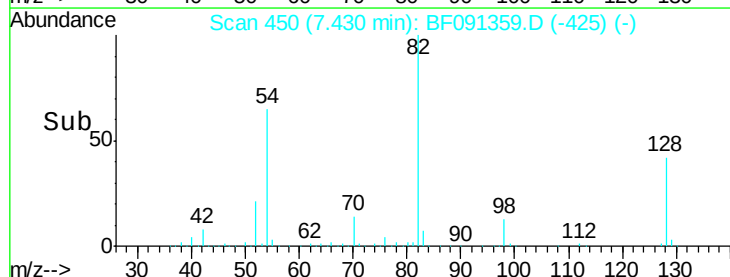
54 65.0 49.1 73.7

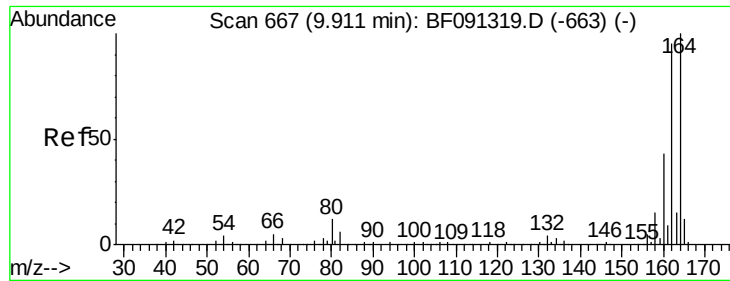


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

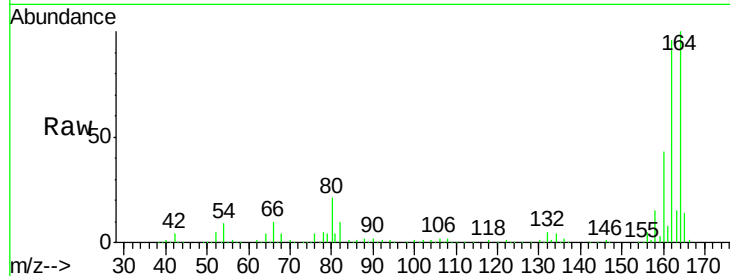




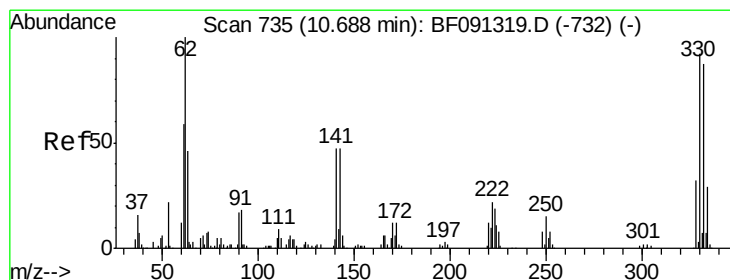
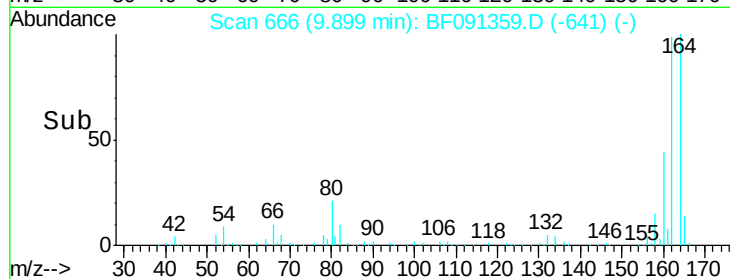
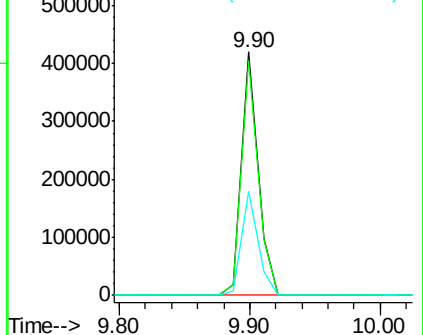
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 666
Delta R.T. -0.02 min
Lab File: BF091359.D
Acq: 30 Nov 2016 17:28

Instrument :
BNA_F
ClientSampleId :
112216-DSDC-E-U-B

Tgt Ion:164 Resp: 370111
Ion Ratio Lower Upper
164 100
162 96.3 82.6 124.0
160 43.0 36.7 55.1

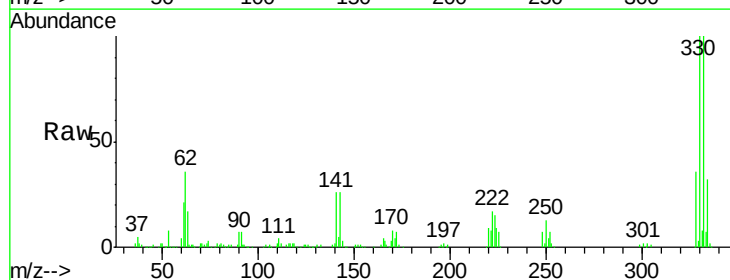


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

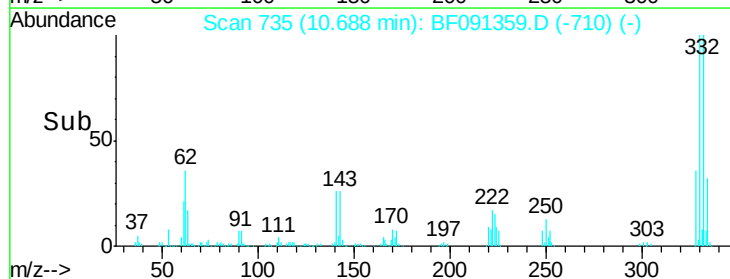
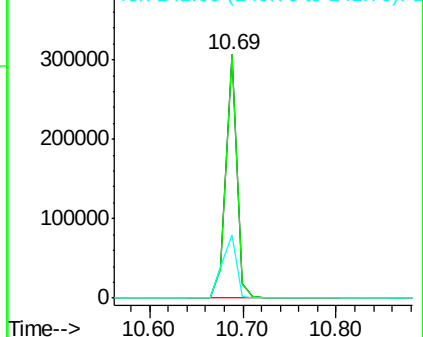


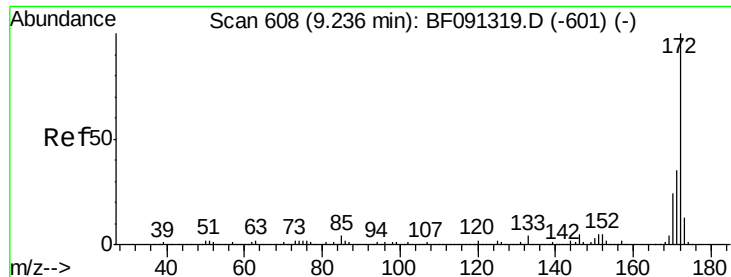
#41
2,4,6-Tribromophenol
Concen: 72.17 ng
RT: 10.69 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF091359.D
Acq: 30 Nov 2016 17:28

Tgt Ion:330 Resp: 252864
Ion Ratio Lower Upper
330 100
332 99.2 76.2 114.4
141 32.9 33.6 50.4#



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

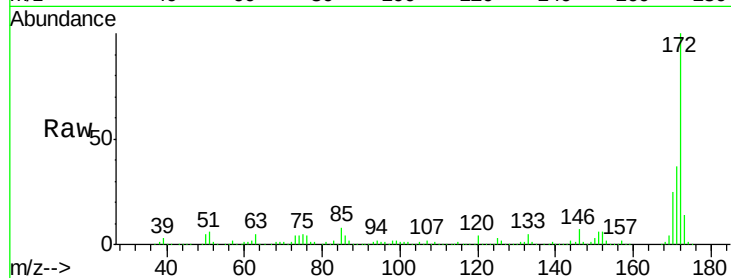




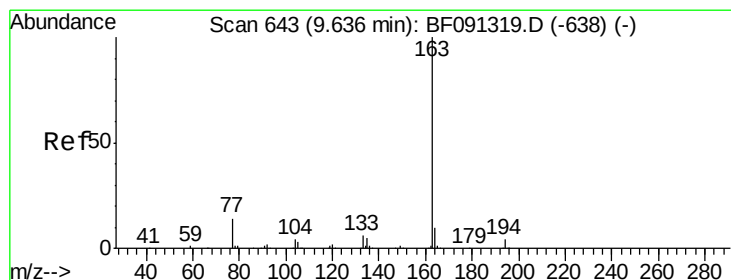
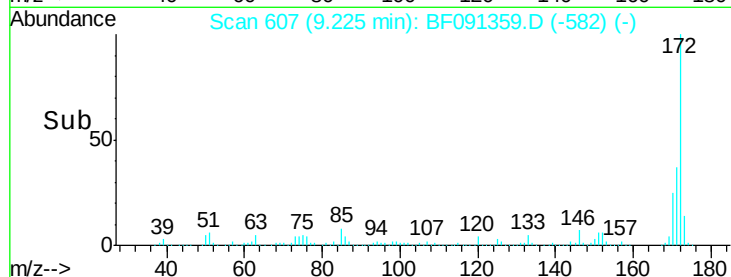
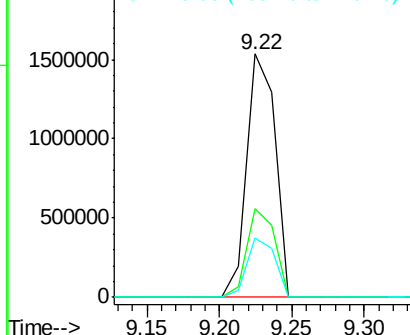
#44
2-Fluorobiphenyl
Concen: 101.96 ng
RT: 9.22 min Scan# 607
Delta R.T. -0.02 min
Lab File: BF091359.D
Acq: 30 Nov 2016 17:28

Instrument :
BNA_F
ClientSampleId :
112216-DSDC-E-U-B

Tgt Ion:172 Resp: 2084216
Ion Ratio Lower Upper
172 100
171 36.5 29.4 44.0
170 24.5 19.7 29.5

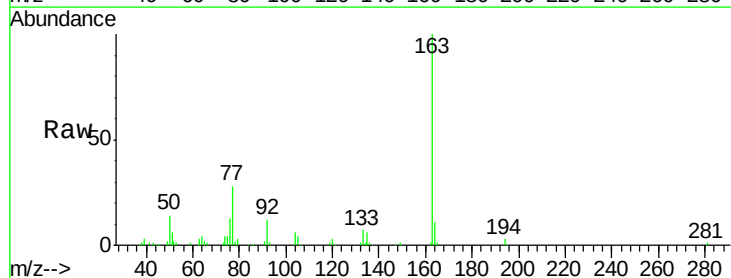


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

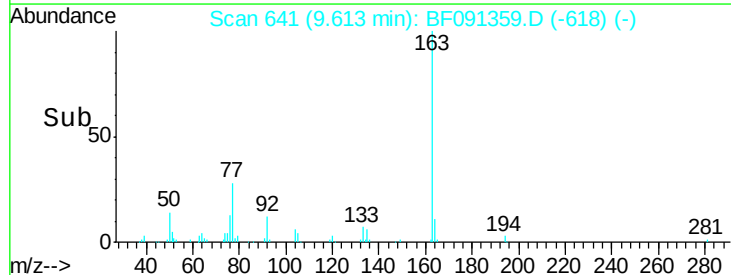
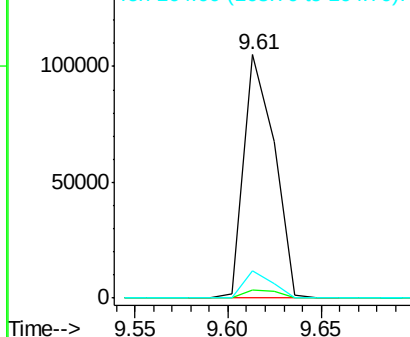


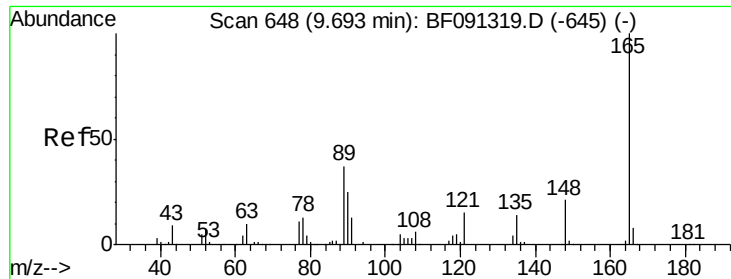
#49
Dimethylphthalate
Concen: 5.36 ng
RT: 9.61 min Scan# 641
Delta R.T. -0.04 min
Lab File: BF091359.D
Acq: 30 Nov 2016 17:28

Tgt Ion:163 Resp: 120191
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.4
164 11.2 7.8 11.8



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

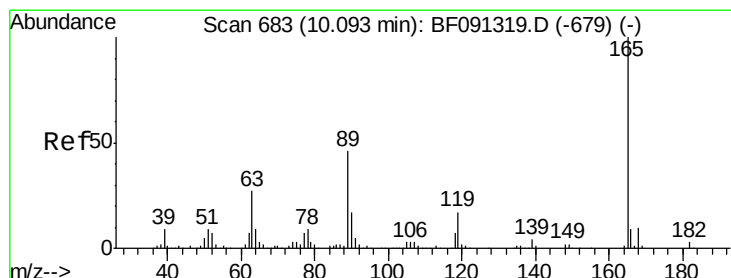
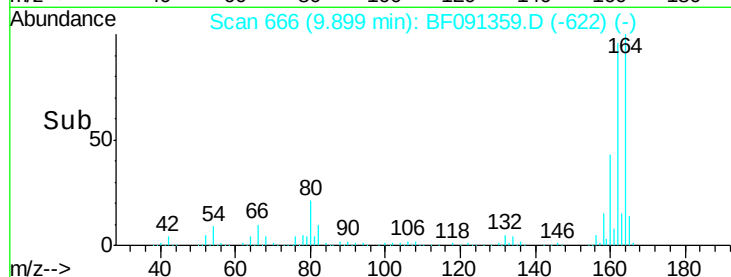
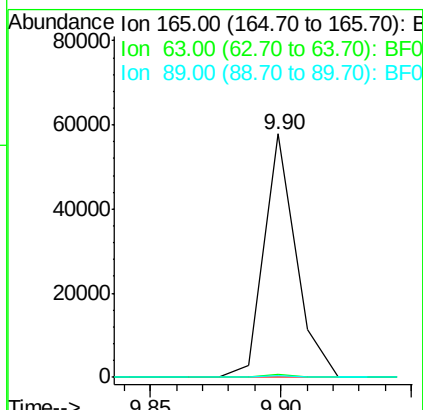
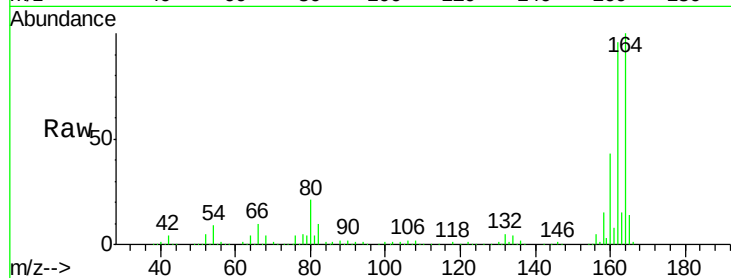




#50
 2,6-Dinitrotoluene
 Concen: 9.87 ng
 RT: 9.90 min Scan# 666
 Delta R.T. 0.20 min
 Lab File: BF091359.D
 Acq: 30 Nov 2016 17:28

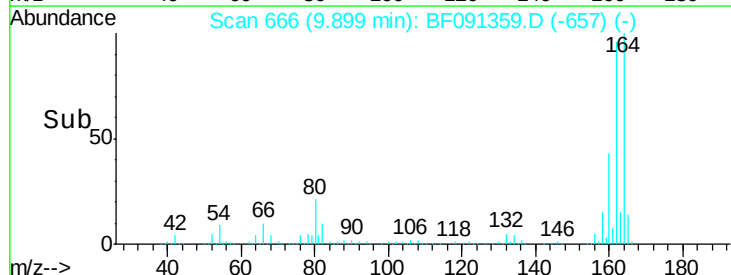
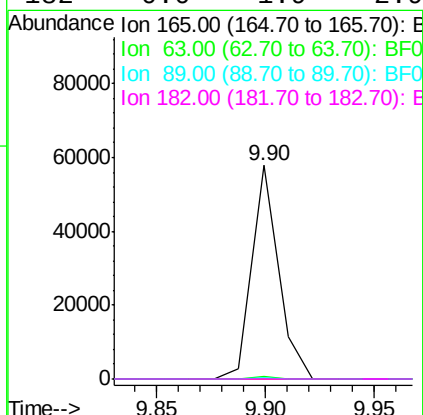
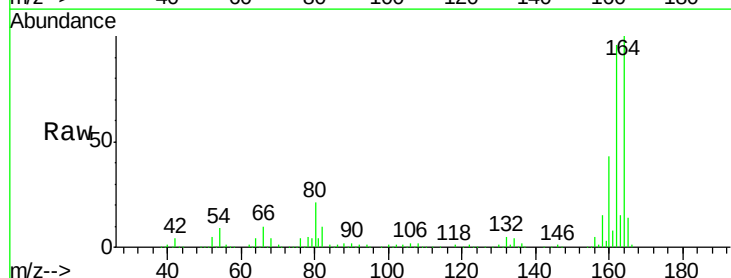
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 112216-DSDC-E-U-B

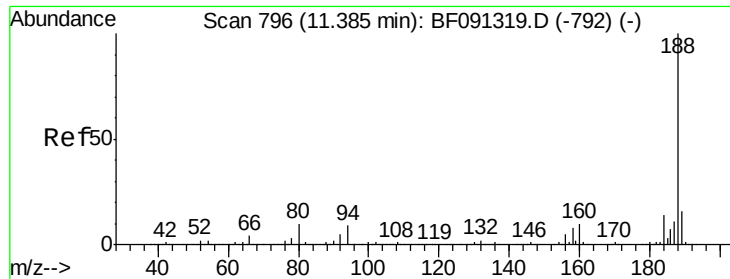
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	59.4	89.0#
89	0.8	50.8	76.2#



#56
 2,4-Dinitrotoluene
 Concen: 7.61 ng
 RT: 9.90 min Scan# 666
 Delta R.T. -0.20 min
 Lab File: BF091359.D
 Acq: 30 Nov 2016 17:28

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

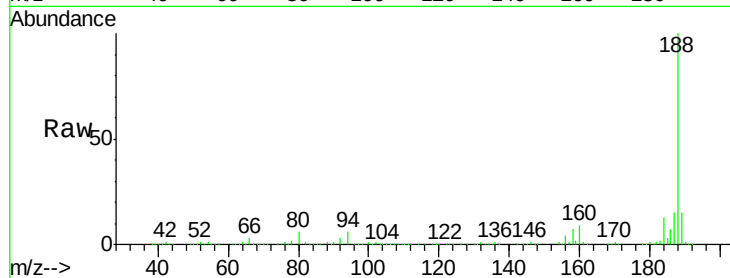




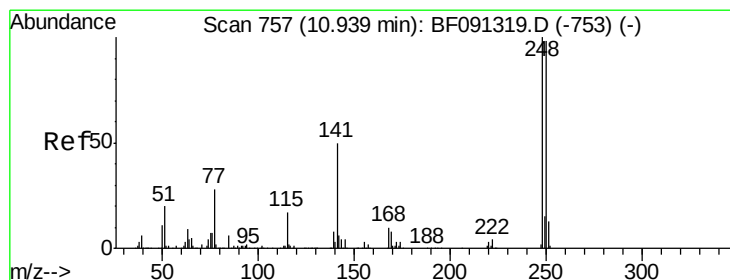
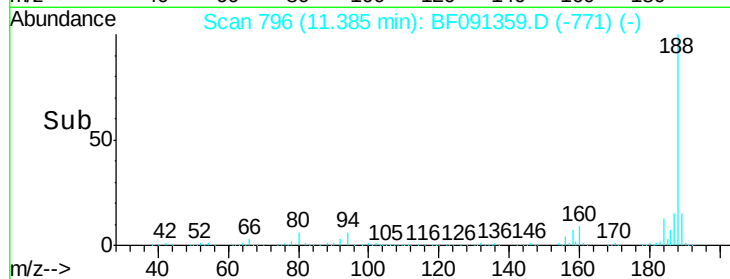
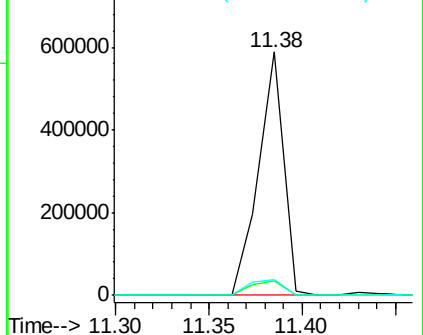
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 796
 Delta R.T. -0.02 min
 Lab File: BF091359.D
 Acq: 30 Nov 2016 17:28

Instrument :
 BNA_F
 ClientSampleId :
 112216-DSDC-E-U-B

Tgt Ion:188 Resp: 547740
 Ion Ratio Lower Upper
 188 100
 94 6.2 9.2 13.8#
 80 6.4 10.5 15.7#

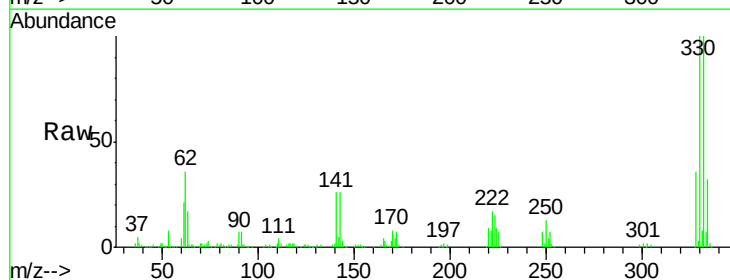


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

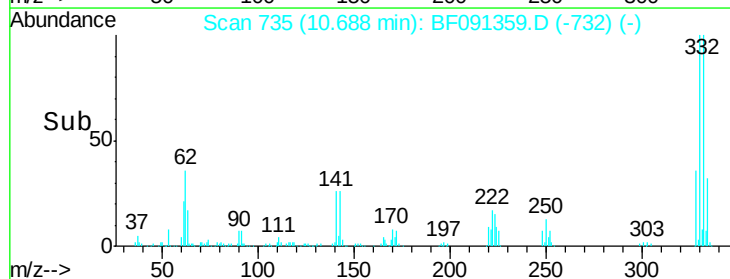
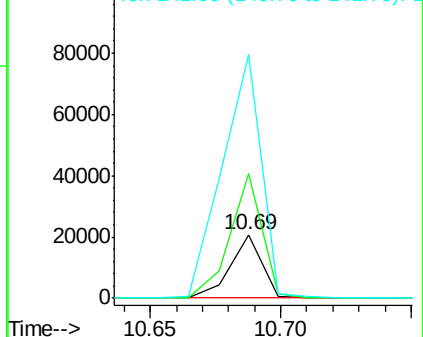


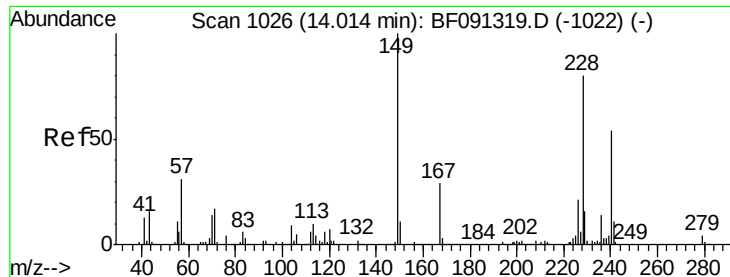
#66
 4-Bromophenyl-phenylether
 Concen: 2.98 ng
 RT: 10.69 min Scan# 735
 Delta R.T. -0.27 min
 Lab File: BF091359.D
 Acq: 30 Nov 2016 17:28

Tgt Ion:248 Resp: 17548
 Ion Ratio Lower Upper
 248 100
 250 196.4 78.2 117.4#
 141 383.5 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: 14.01 min Scan# 1026

Delta R.T. -0.03 min

Lab File: BF091359.D

Acq: 30 Nov 2016 17:28

Instrument :

BNA_F

ClientSampleId :

112216-DSDC-E-U-B

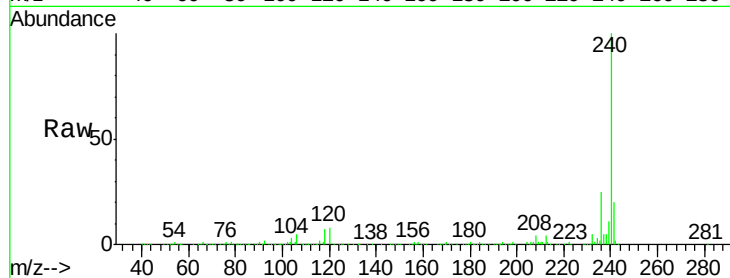
Tgt Ion:240 Resp: 411670

Ion Ratio Lower Upper

240 100

120 7.9 12.1 18.1#

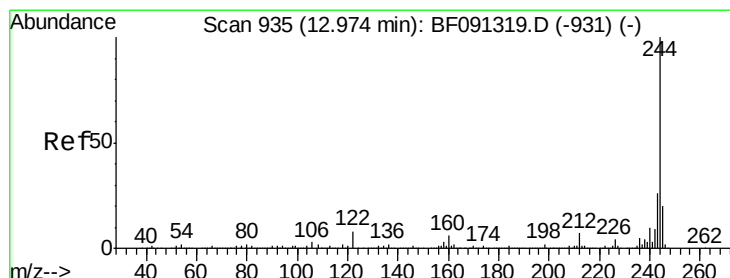
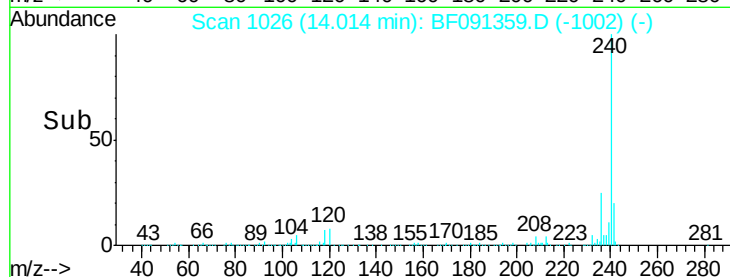
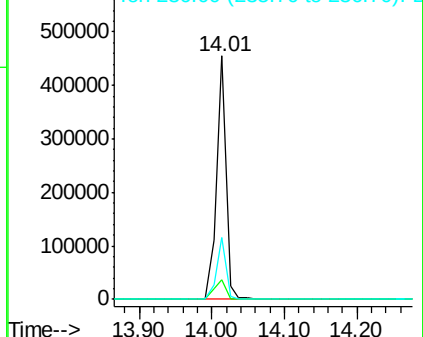
236 25.2 21.0 31.6



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: 83.65 ng

RT: 12.97 min Scan# 935

Delta R.T. -0.02 min

Lab File: BF091359.D

Acq: 30 Nov 2016 17:28

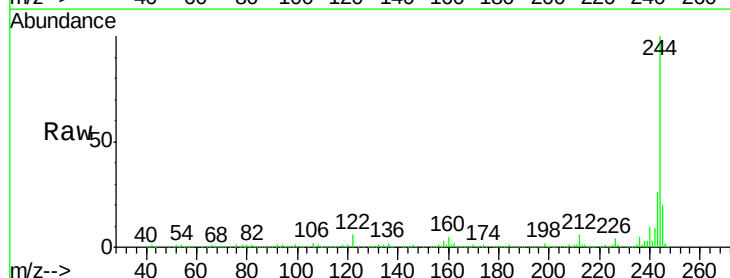
Tgt Ion:244 Resp: 1584429

Ion Ratio Lower Upper

244 100

212 6.3 6.5 9.7#

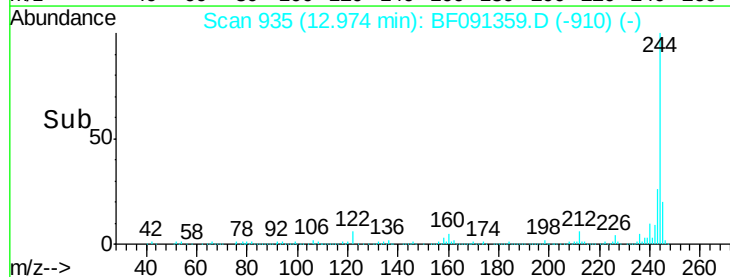
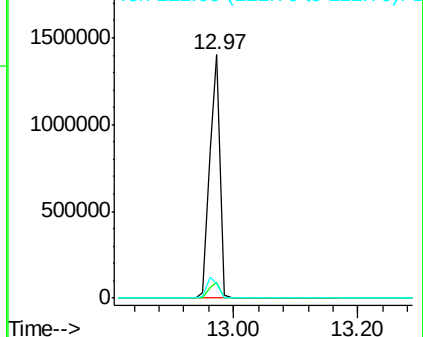
122 6.2 9.5 14.3#

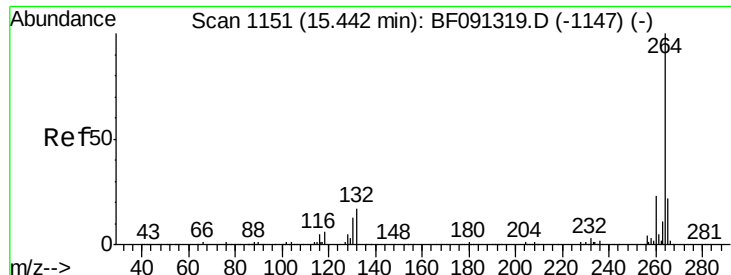


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

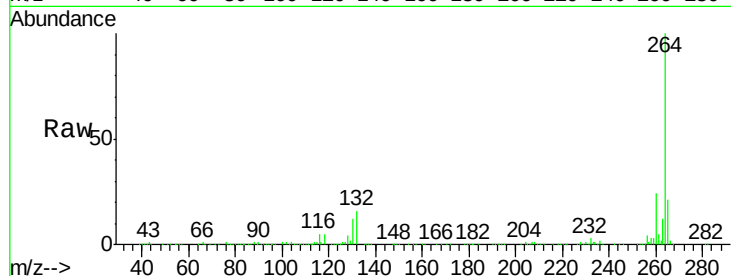




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF091359.D
Acq: 30 Nov 2016 17:28

Instrument :
BNA_F
ClientSampleId :
112216-DSDC-E-U-B

Tgt Ion: 264 Resp: 375008
Ion Ratio Lower Upper
264 100
260 24.1 18.8 28.2
265 21.5 17.0 25.6



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

