

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091616\
 Data File : BF090118.D
 Acq On : 16 Sep 2016 20:50
 Operator : UM/SJ
 Sample : H4813-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2-8-9

Quant Time: Sep 16 22:59:37 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 15 11:18:43 2016
 Response via : Initial Calibration

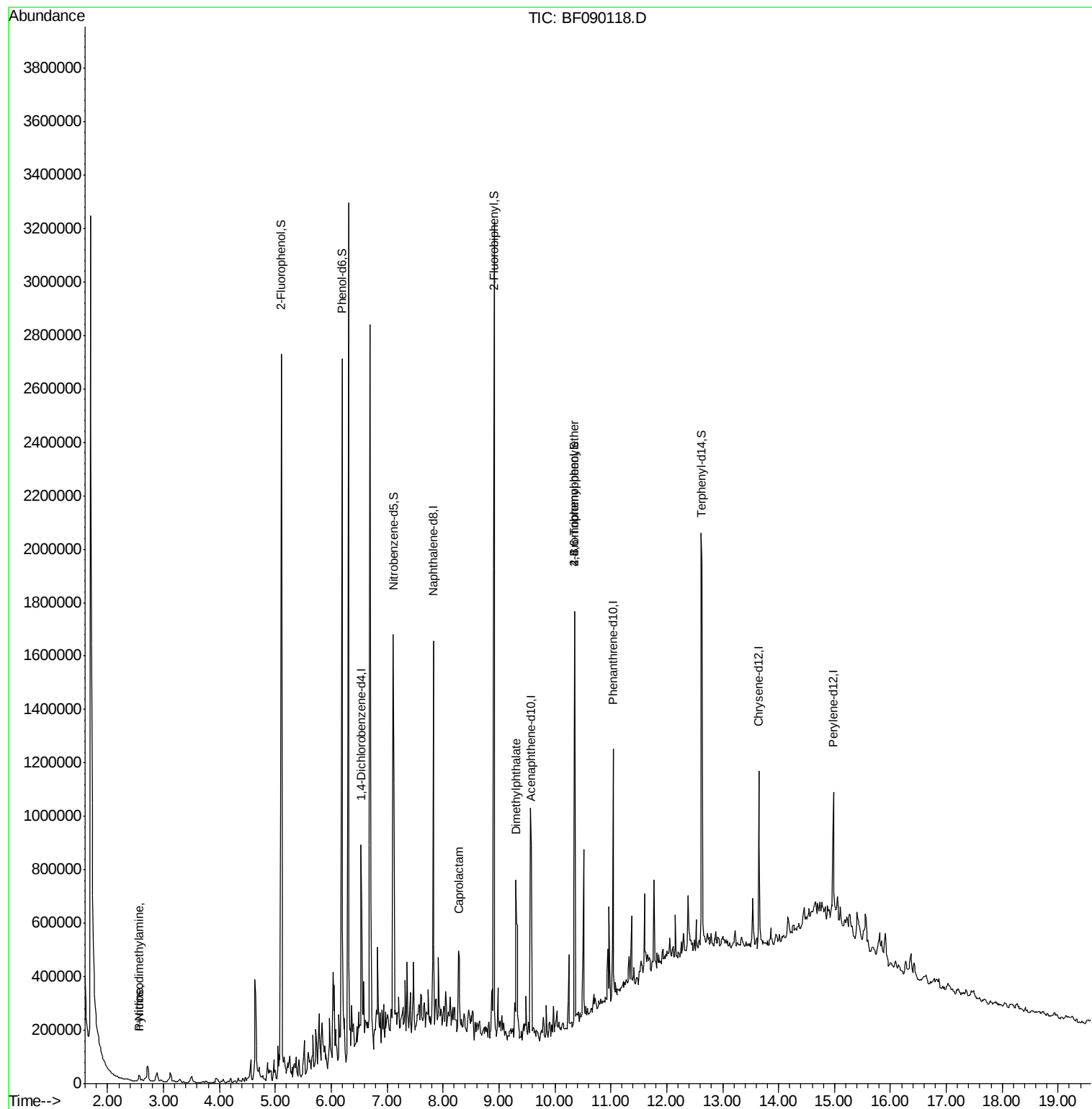
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	155728	20.00	ng	-0.01
21) Naphthalene-d8	7.83	136	571121	20.00	ng	-0.01
38) Acenaphthene-d10	9.58	164	258633	20.00	ng	-0.01
63) Phenanthrene-d10	11.04	188	372645	20.00	ng	-0.01
75) Chrysene-d12	13.65	240	309175	20.00	ng	-0.02
86) Perylene-d12	14.98	264	244675	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	1049003	108.34	ng	-0.01
7) Phenol-d6	6.19	99	1262839	99.62	ng	-0.01
23) Nitrobenzene-d5	7.11	82	737163	72.57	ng	-0.02
41) 2,4,6-Tribromophenol	10.35	330	208842	80.39	ng	-0.02
44) 2-Fluorobiphenyl	8.91	172	1253202	76.10	ng	-0.01
78) Terphenyl-d14	12.63	244	822601	63.18	ng	-0.01
Target Compounds						
3) Pyridine	2.56	79	16101	3.89	ng	# 41
4) n-Nitrosodimethylamine	2.56	42	209	3.14	ng	# 1
35) Caprolactam	8.28	113	9779	3.63	ng	# 1
49) Dimethylphthalate	9.30	163	339235	17.66	ng	98
57) Fluorene	10.11	166	1129	Below Cal	#	39
60) 4-Chlorophenyl-phenylether	10.12	204	468	Below Cal	#	1
66) 4-Bromophenyl-phenylether	10.35	248	12362	3.44	ng	# 1

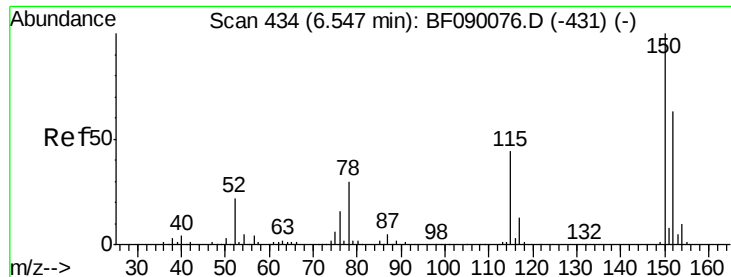
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.54 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF090118.D

Acq: 16 Sep 2016 20:50

Instrument :

BNA_F

ClientSampleId :

SB-2-8-9

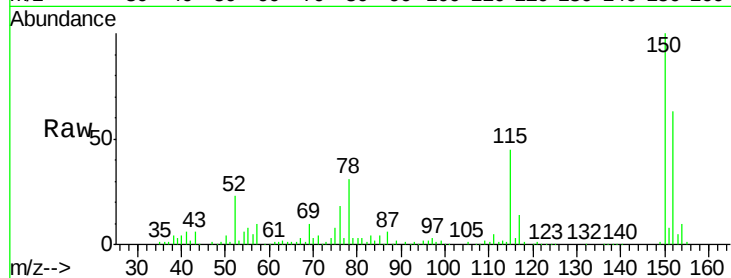
Tgt Ion:152 Resp: 155728

Ion Ratio Lower Upper

152 100

150 158.8 128.9 193.3

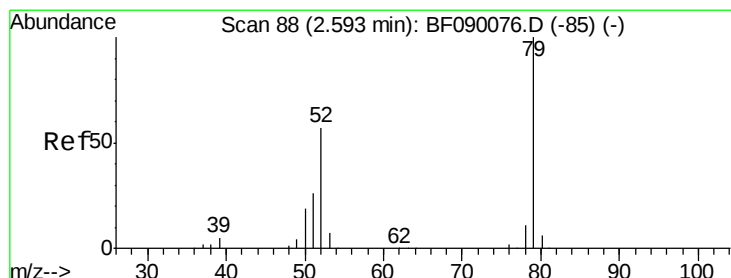
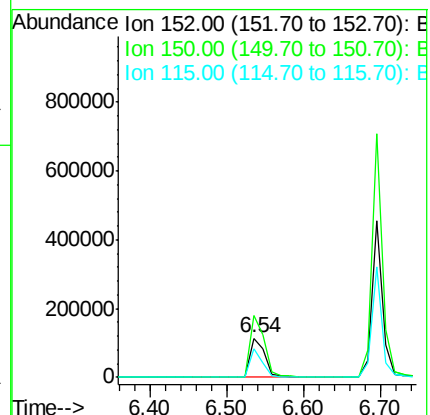
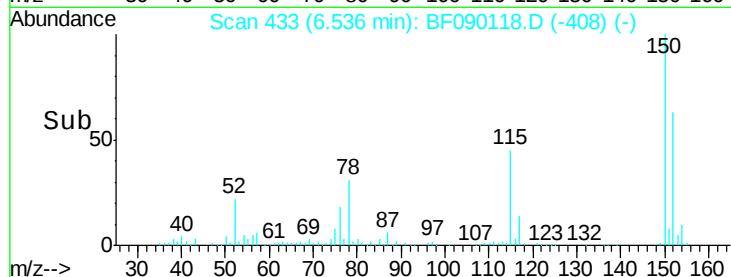
115 71.5 55.5 83.3



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



#3

Pyridine

Concen: 3.89 ng

RT: 2.56 min Scan# 85

Delta R.T. -0.03 min

Lab File: BF090118.D

Acq: 16 Sep 2016 20:50

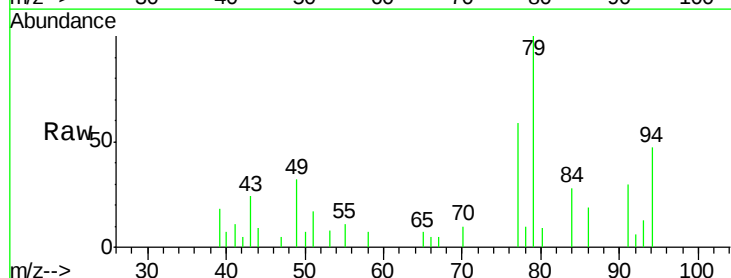
Tgt Ion: 79 Resp: 16101

Ion Ratio Lower Upper

79 100

52 0.0 45.9 68.9#

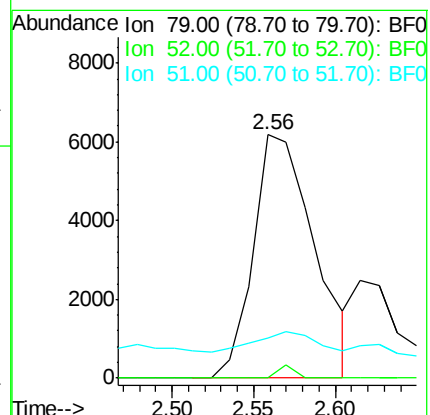
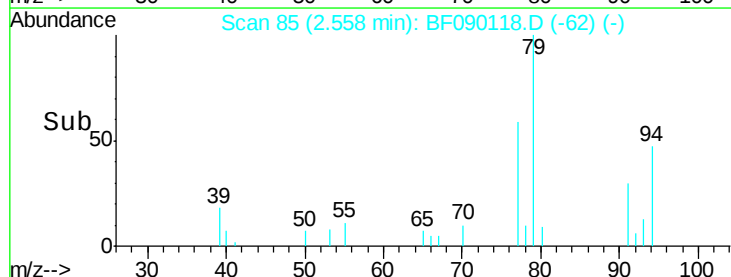
51 16.7 21.3 31.9#

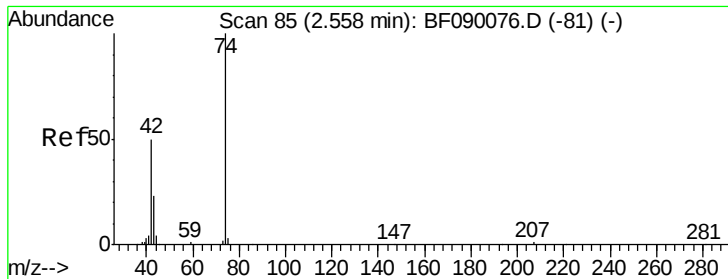


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0





#4

n-Nitrosodimethylamine

Concen: 3.14 ng

RT: 2.56 min Scan# 85

Delta R.T. 0.00 min

Lab File: BF090118.D

Acq: 16 Sep 2016 20:50

Instrument :

BNA_F

ClientSampleId :

SB-2-8-9

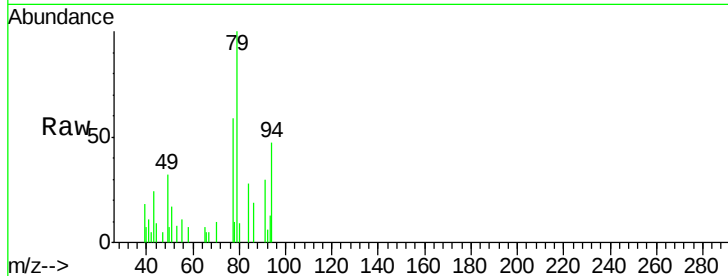
Tgt Ion: 42 Resp: 209

Ion Ratio Lower Upper

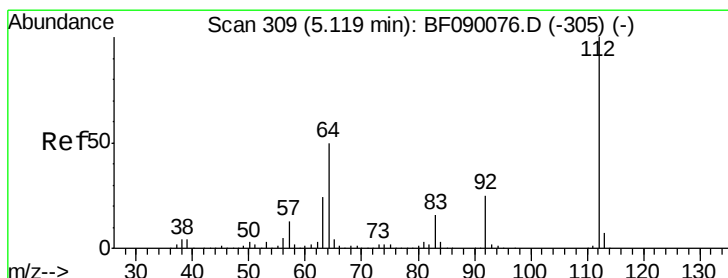
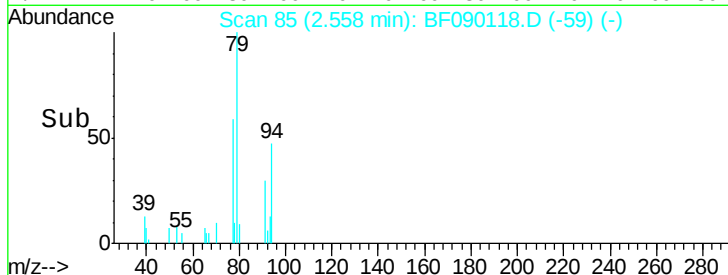
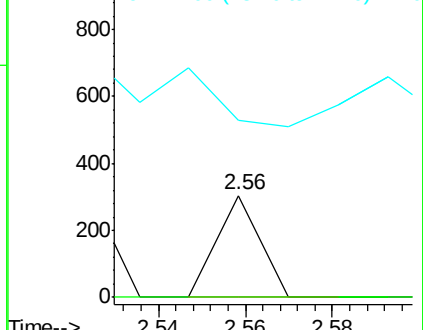
42 100

74 0.0 158.7 238.1#

44 173.8 6.4 9.6#



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0



#5

2-Fluorophenol

Concen: 108.34 ng

RT: 5.11 min Scan# 308

Delta R.T. -0.01 min

Lab File: BF090118.D

Acq: 16 Sep 2016 20:50

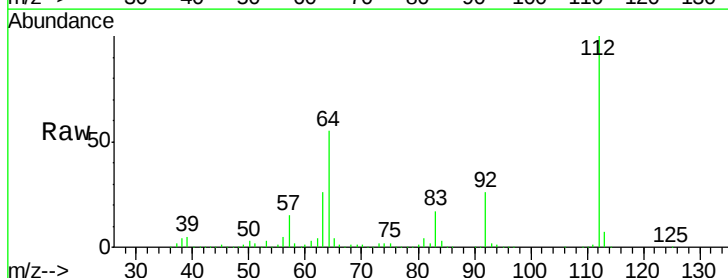
Tgt Ion: 112 Resp: 1049003

Ion Ratio Lower Upper

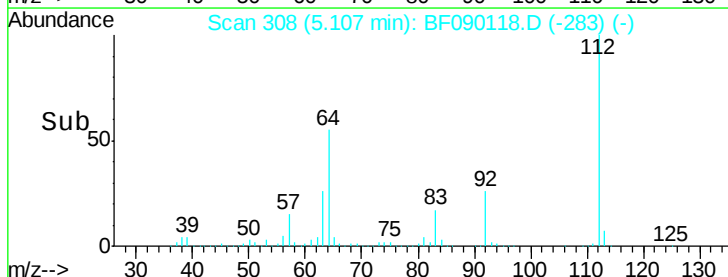
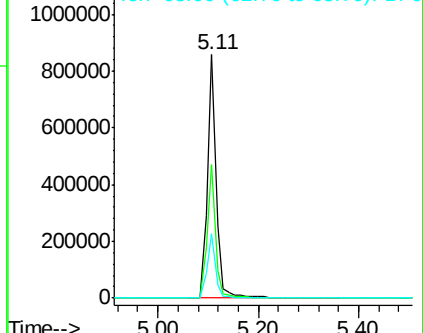
112 100

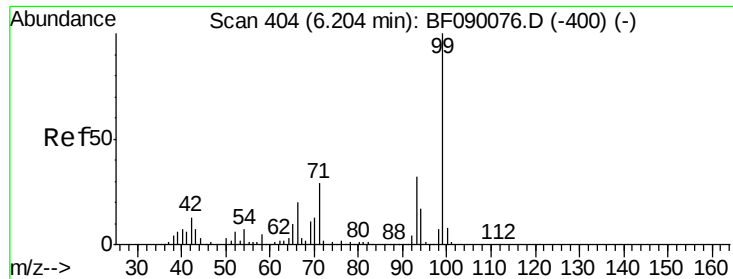
64 54.6 39.8 59.6

63 26.4 18.9 28.3



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: 99.62 ng

RT: 6.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF090118.D

Acq: 16 Sep 2016 20:50

Instrument :

BNA_F

ClientSampleId :

SB-2-8-9

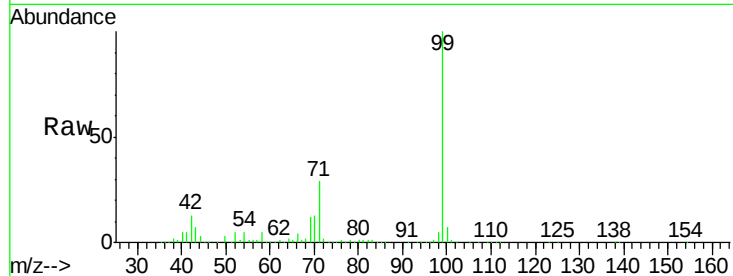
Tgt Ion: 99 Resp: 1262839

Ion Ratio Lower Upper

99 100

42 12.8 10.6 15.8

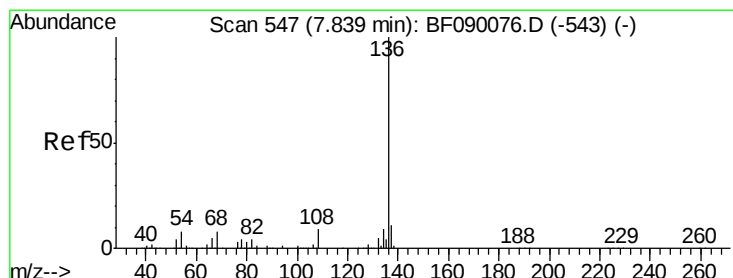
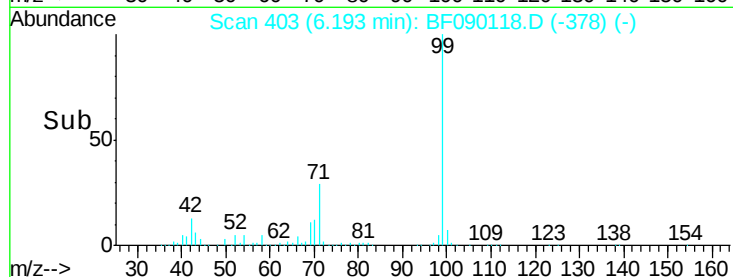
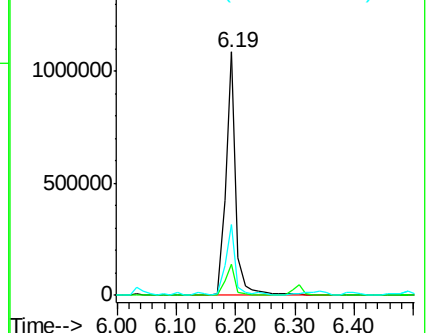
71 29.0 23.0 34.6



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.83 min Scan# 546

Delta R.T. -0.01 min

Lab File: BF090118.D

Acq: 16 Sep 2016 20:50

Tgt Ion: 136 Resp: 571121

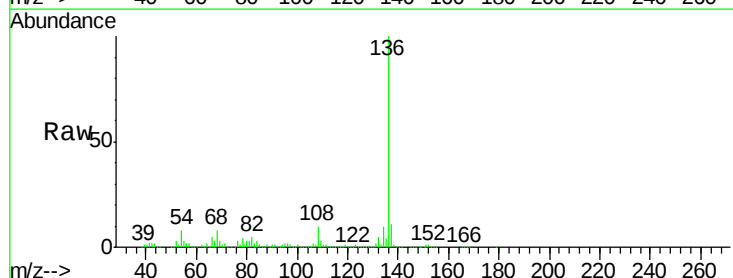
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.4

54 7.7 6.4 9.6

68 7.9 6.3 9.5

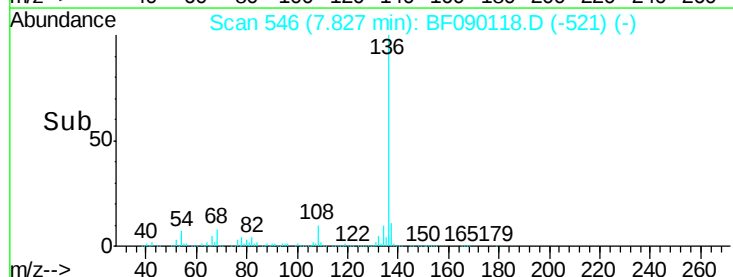
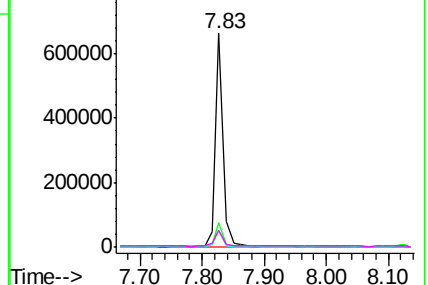


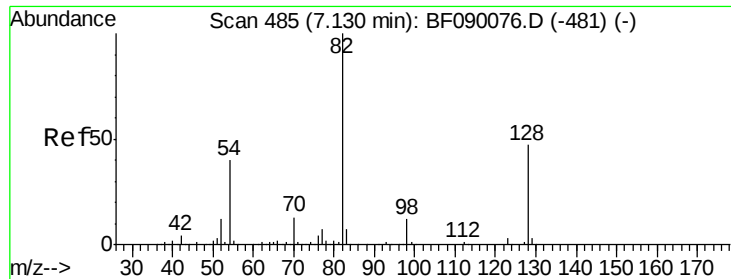
Abundance Ion 136.00 (135.70 to 136.70): E

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

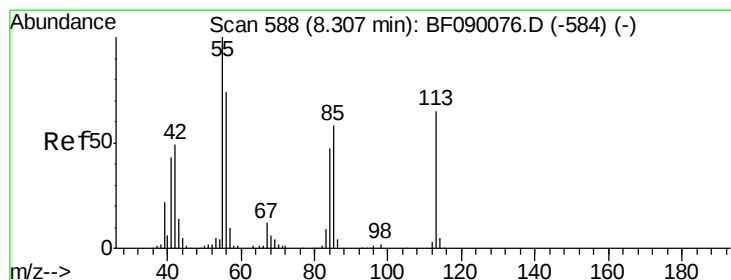
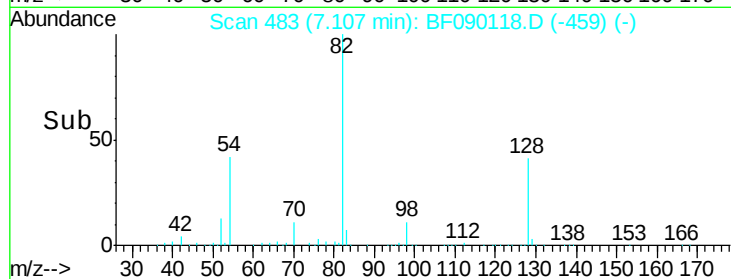
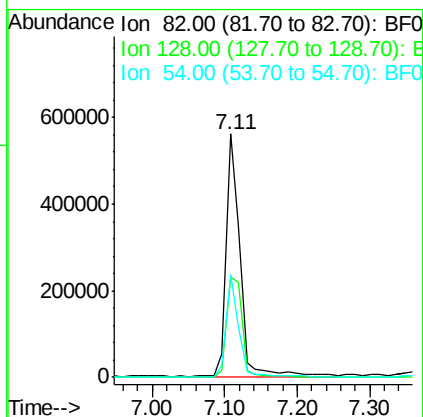
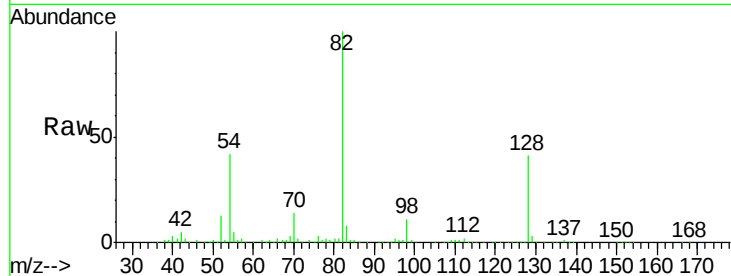




#23
 Nitrobenzene-d5
 Concen: 72.57 ng
 RT: 7.11 min Scan# 483
 Delta R.T. -0.02 min
 Lab File: BF090118.D
 Acq: 16 Sep 2016 20:50

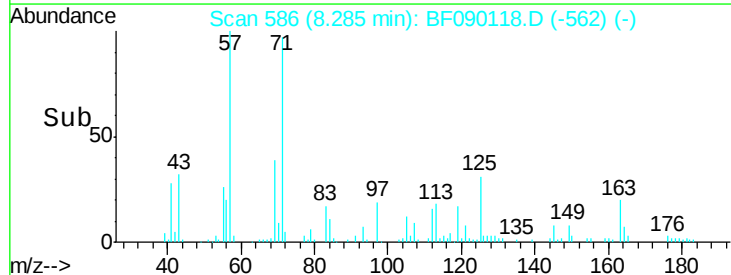
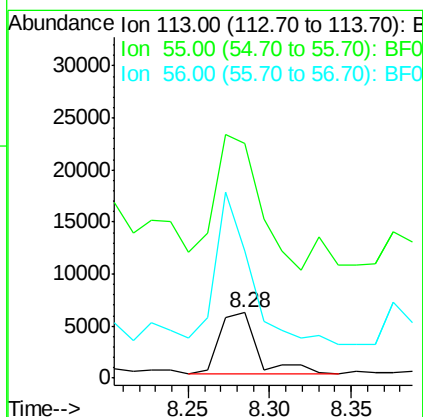
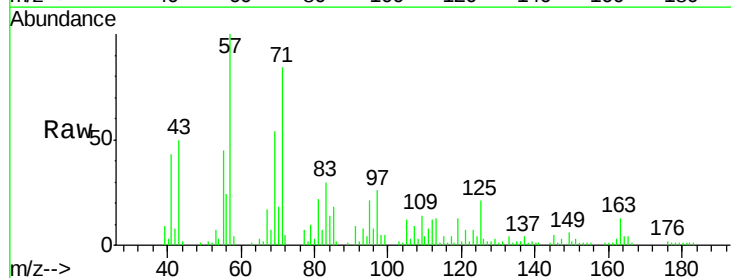
Instrument :
 BNA_F
 ClientSampleId :
 SB-2-8-9

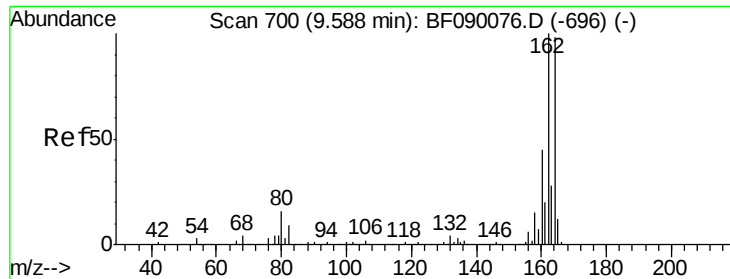
Tgt Ion: 82 Resp: 737163
 Ion Ratio Lower Upper
 82 100
 128 41.1 37.5 56.3
 54 42.0 31.9 47.9



#35
 Caprolactam
 Concen: 3.63 ng
 RT: 8.28 min Scan# 586
 Delta R.T. -0.02 min
 Lab File: BF090118.D
 Acq: 16 Sep 2016 20:50

Tgt Ion: 113 Resp: 9779
 Ion Ratio Lower Upper
 113 100
 55 357.1 134.5 174.5#
 56 193.1 93.7 133.7#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF090118.D

Acq: 16 Sep 2016 20:50

Instrument :

BNA_F

ClientSampleId :

SB-2-8-9

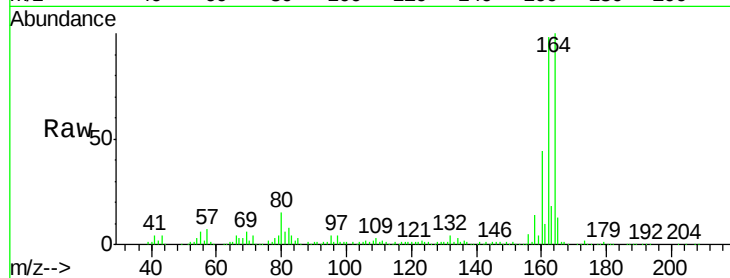
Tgt Ion:164 Resp: 258633

Ion Ratio Lower Upper

164 100

162 97.9 81.4 122.2

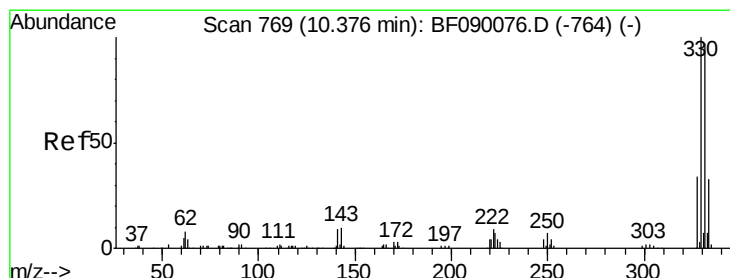
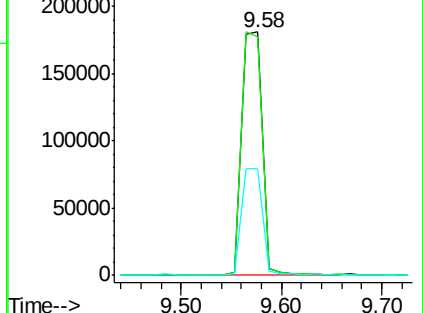
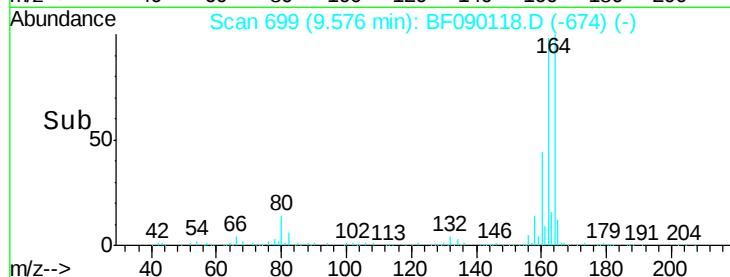
160 43.8 36.6 54.8



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: 80.39 ng

RT: 10.35 min Scan# 767

Delta R.T. -0.02 min

Lab File: BF090118.D

Acq: 16 Sep 2016 20:50

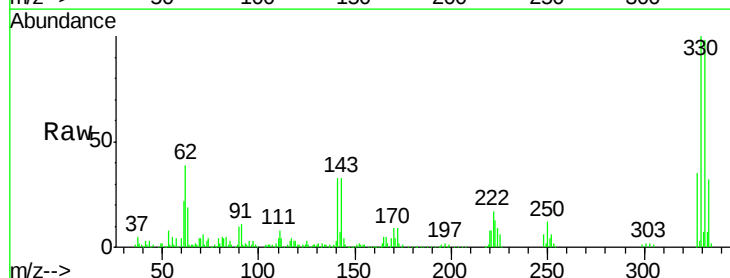
Tgt Ion:330 Resp: 208842

Ion Ratio Lower Upper

330 100

332 97.5 78.1 117.1

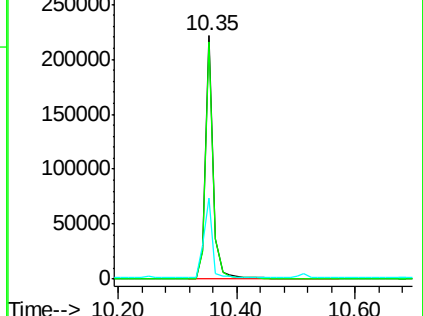
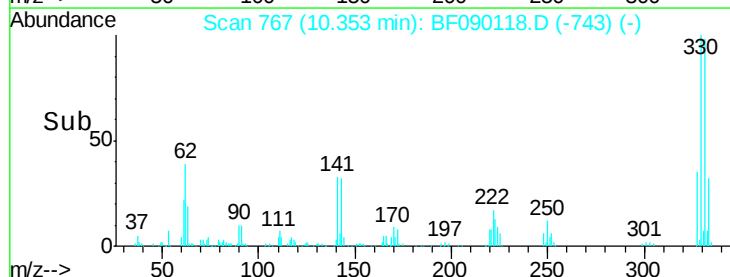
141 38.0 23.9 35.9#

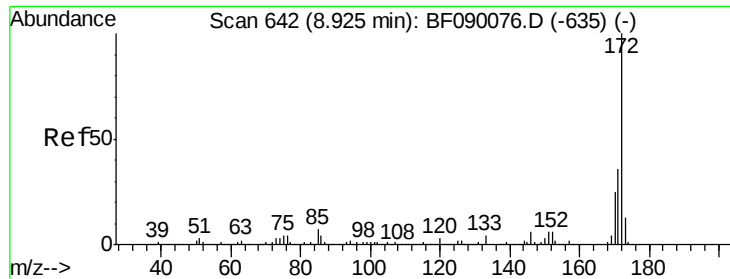


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

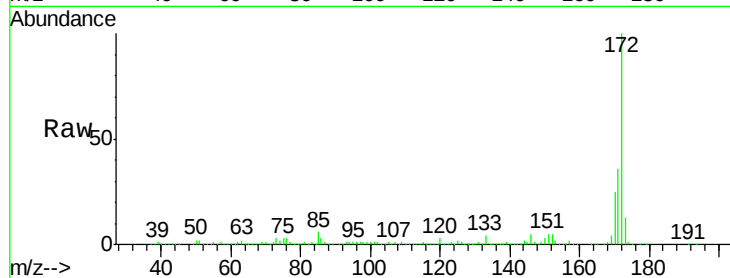




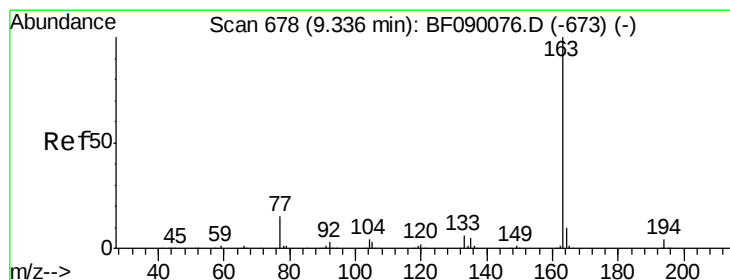
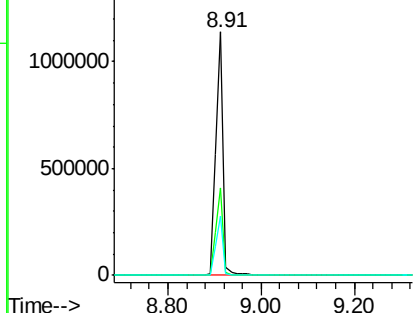
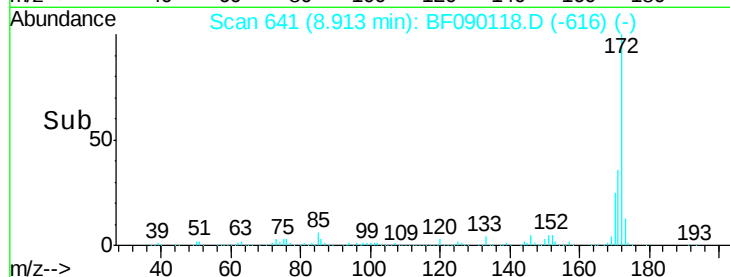
#44
 2-Fluorobiphenyl
 Concen: 76.10 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.01 min
 Lab File: BF090118.D
 Acq: 16 Sep 2016 20:50

Instrument :
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Tgt Ion:172 Resp: 1253202
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.2 43.8
 170 24.6 19.8 29.8

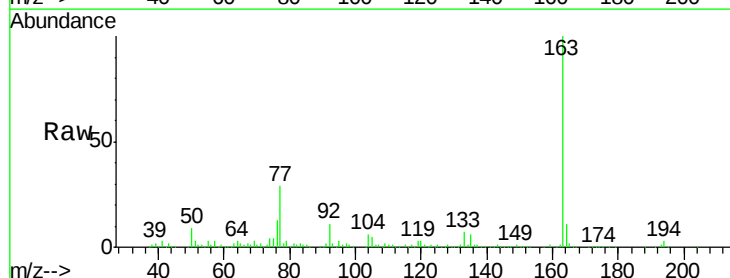


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

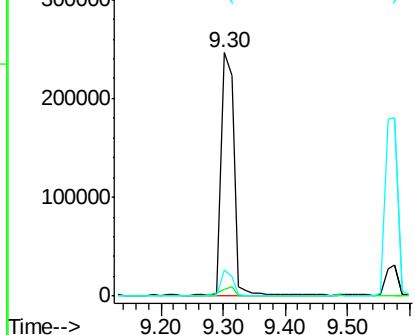
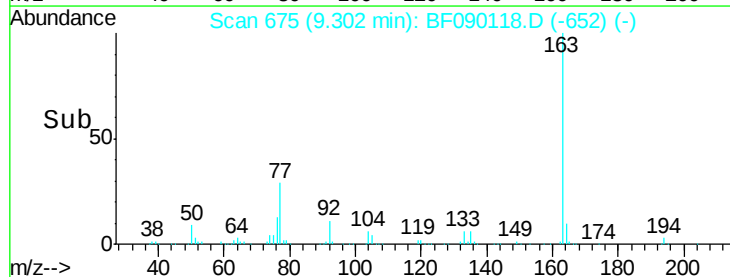


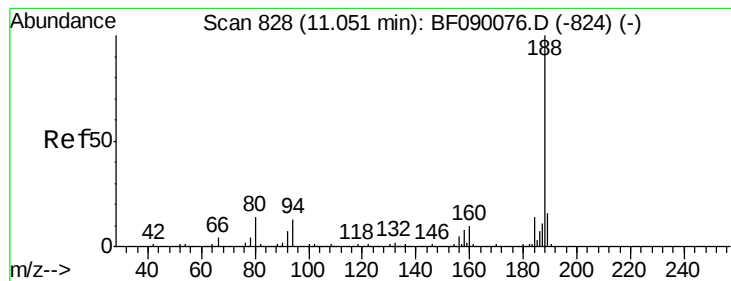
#49
 Dimethylphthalate
 Concen: 17.66 ng
 RT: 9.30 min Scan# 675
 Delta R.T. -0.03 min
 Lab File: BF090118.D
 Acq: 16 Sep 2016 20:50

Tgt Ion:163 Resp: 339235
 Ion Ratio Lower Upper
 163 100
 194 2.8 2.8 4.2
 164 10.6 8.1 12.1



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.04 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF090118.D

Acq: 16 Sep 2016 20:50

Instrument :

BNA_F

ClientSampleId :

SB-2-8-9

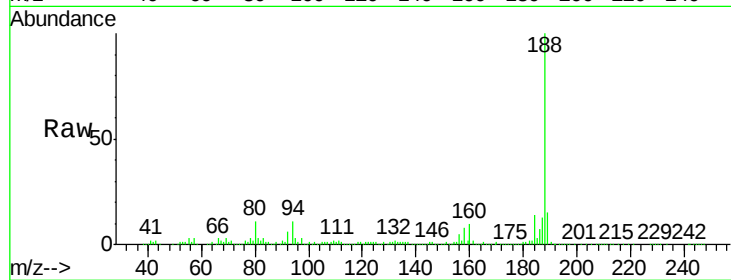
Tgt Ion:188 Resp: 372645

Ion Ratio Lower Upper

188 100

94 11.2 10.5 15.7

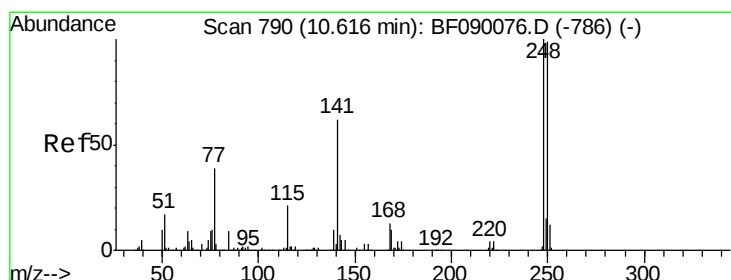
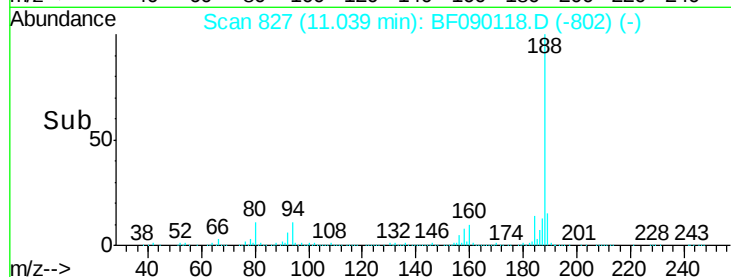
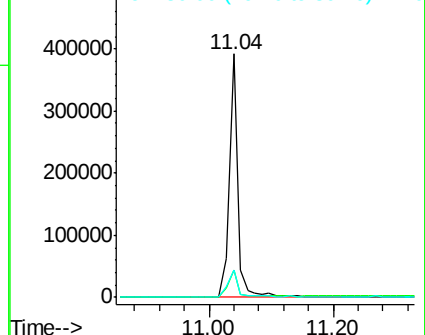
80 11.1 11.2 16.8#



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: 3.44 ng

RT: 10.35 min Scan# 767

Delta R.T. -0.26 min

Lab File: BF090118.D

Acq: 16 Sep 2016 20:50

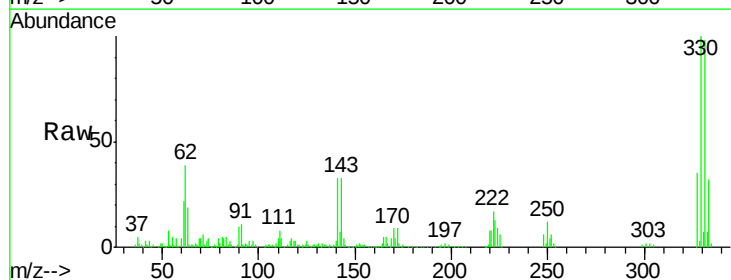
Tgt Ion:248 Resp: 12362

Ion Ratio Lower Upper

248 100

250 195.6 79.4 119.2#

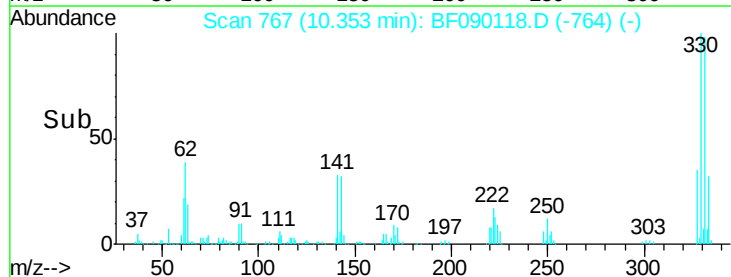
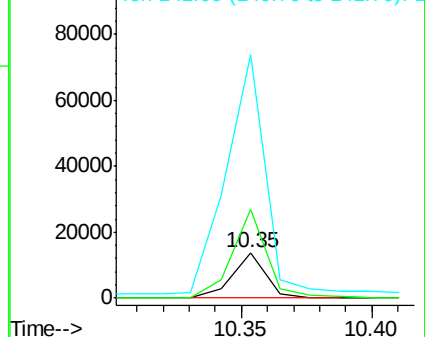
141 534.8 49.3 73.9#

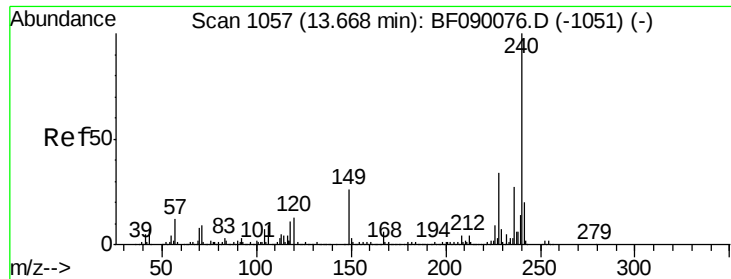


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.65 min Scan# 1055

Delta R.T. -0.02 min

Lab File: BF090118.D

Acq: 16 Sep 2016 20:50

Instrument :

BNA_F

ClientSampleId :

SB-2-8-9

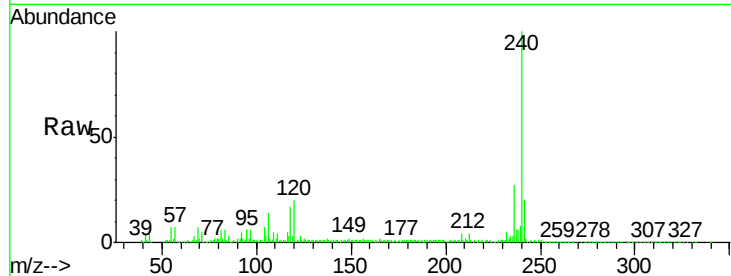
Tgt Ion:240 Resp: 309175

Ion Ratio Lower Upper

240 100

120 19.8 10.6 16.0#

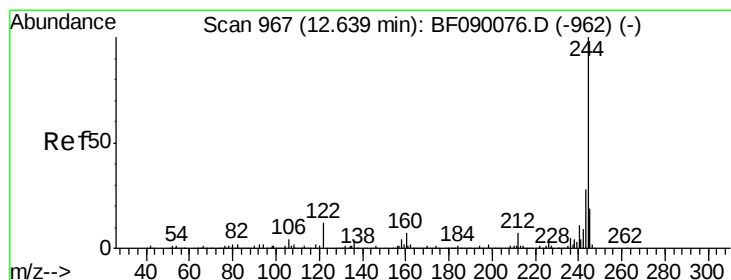
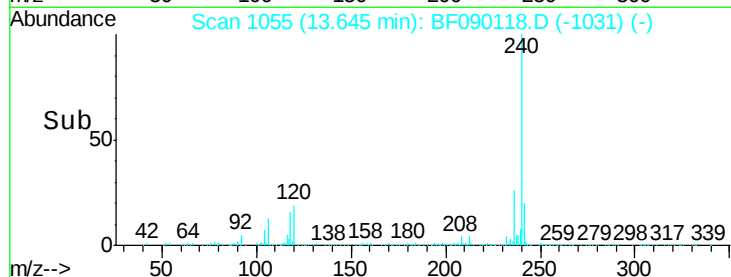
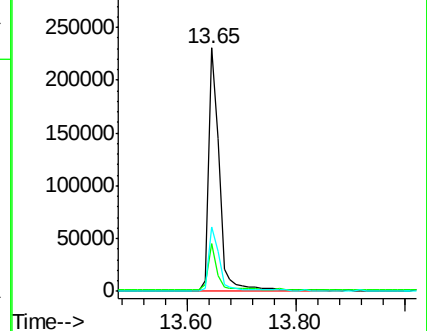
236 26.6 21.6 32.4



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: 63.18 ng

RT: 12.63 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF090118.D

Acq: 16 Sep 2016 20:50

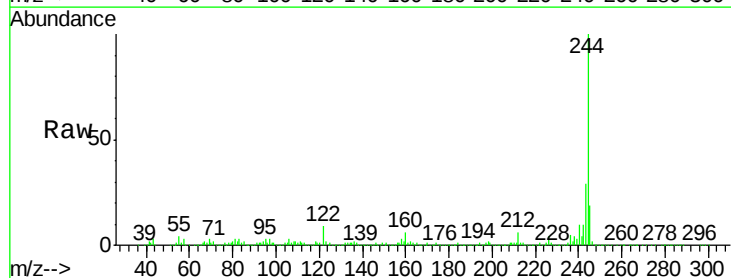
Tgt Ion:244 Resp: 822601

Ion Ratio Lower Upper

244 100

212 6.3 5.8 8.8

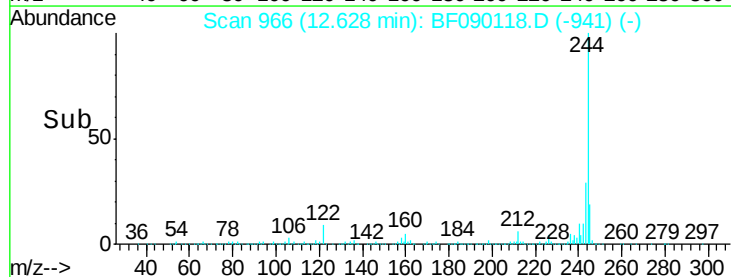
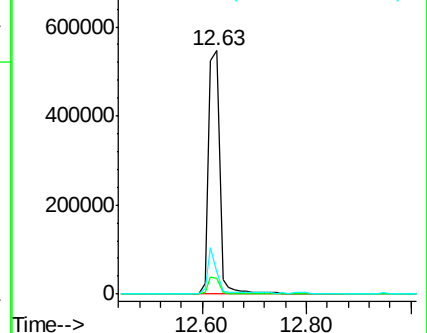
122 9.2 9.4 14.0#

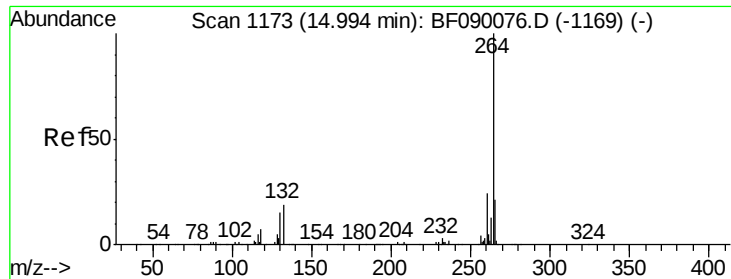


Abundance Ion 244.00 (243.70 to 244.70): E

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: 14.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF090118.D
Acq: 16 Sep 2016 20:50

Instrument :
BNA_F
ClientSampleId :
SB-2-8-9

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.5	17.0	25.4

