

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012417\
 Data File : BF092441.D
 Acq On : 24 Jan 2017 20:55
 Operator : UM/SJ
 Sample : I1363-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BLDG-3-FLOOR-COMP

Quant Time: Jan 24 23:53:54 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

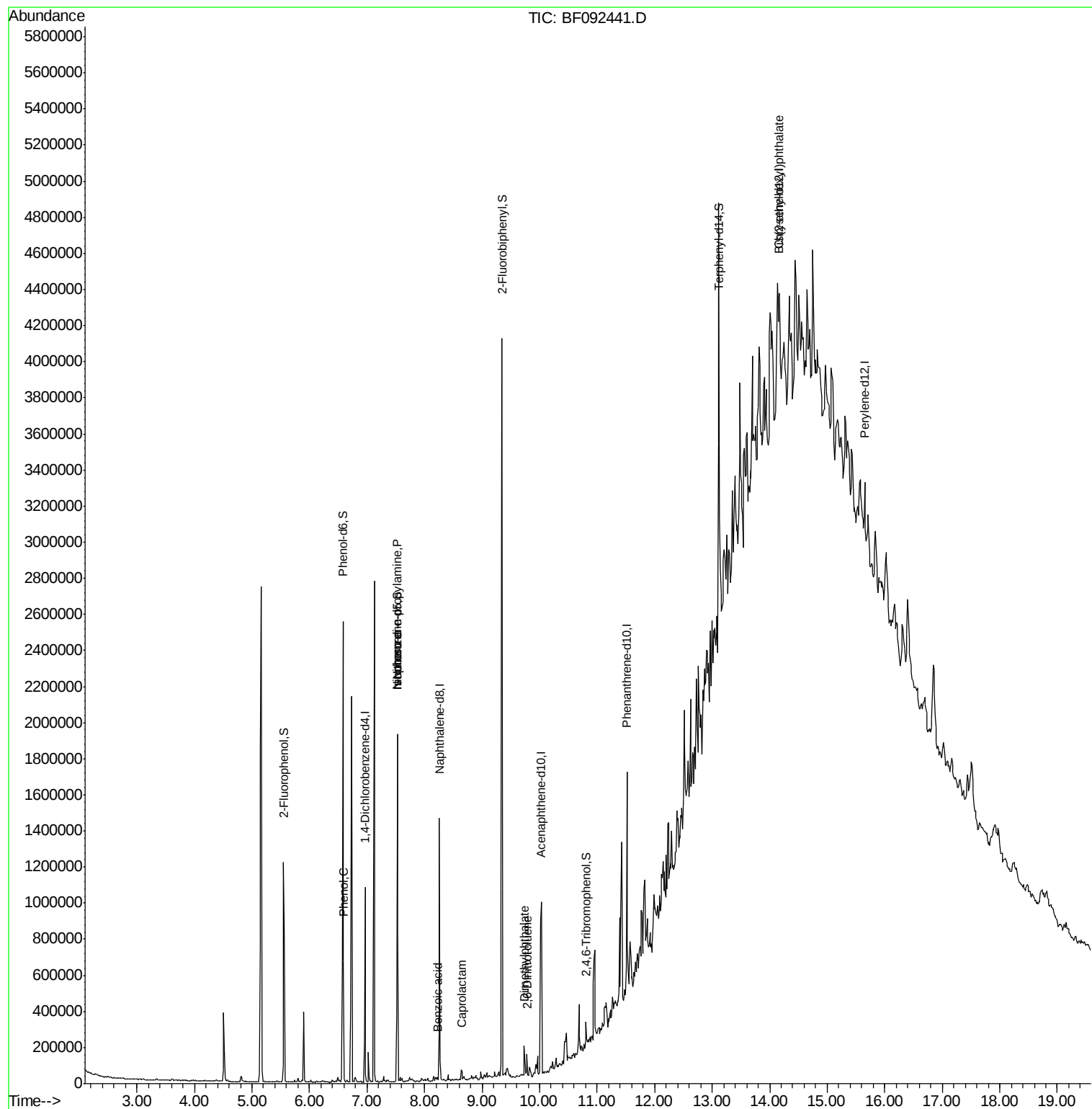
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	147464	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	584410	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	292743	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	440069	20.00	ng	-0.01
75) Chrysene-d12	14.17	240	229965	20.00	ng	0.00
86) Perylene-d12	15.65	264	232957	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	391535	41.31	ng	0.00
7) Phenol-d6	6.58	99	880930	72.97	ng	-0.01
23) Nitrobenzene-d5	7.53	82	718223	67.13	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	10696	5.36	ng	-0.01
44) 2-Fluorobiphenyl	9.34	172	1225280	77.40	ng	-0.01
78) Terphenyl-d14	13.12	244	831427	96.27	ng	0.00
Target Compounds						
10) Phenol	6.59	94	40172	2.76	ng	Qvalue 84
19) n-Nitroso-di-n-propylamine	7.53	70	96173	11.70	ng	# 87
25) Isophorone	7.53	82	635689	30.15	ng	# 65
32) Benzoic acid	8.22	122	320	4.73	ng	# 1
35) Caprolactam	8.65	113	6067	2.15	ng	# 69
49) Dimethylphthalate	9.73	163	69030	3.71	ng	# 99
50) 2,6-Dinitrotoluene	9.78	165	11272	2.96	ng	# 34
83) Bis(2-ethylhexyl)phthalate	14.16	149	104830	12.33	ng	# 91

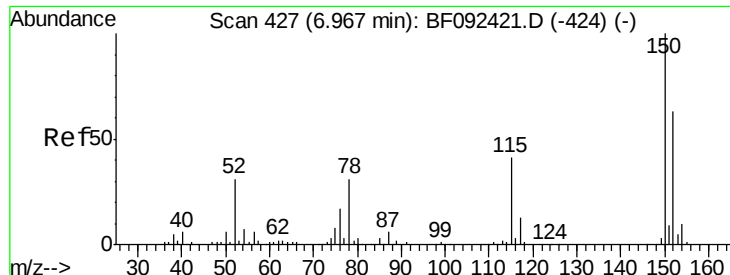
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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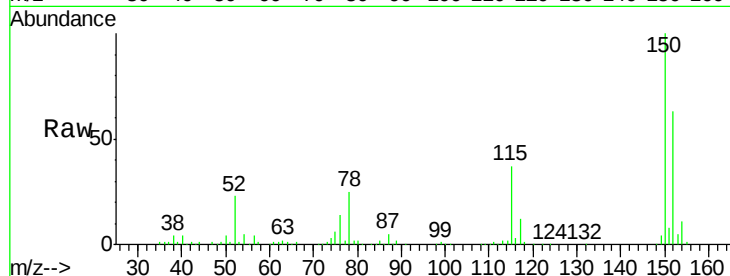




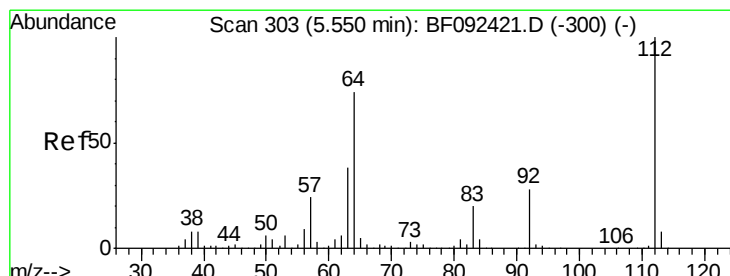
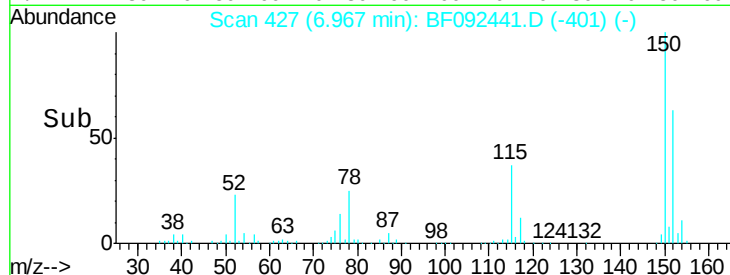
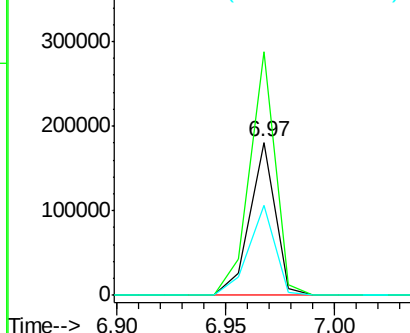
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.97 min Scan# 427
 Delta R.T. -0.00 min
 Lab File: BF092441.D
 Acq: 24 Jan 2017 20:55

Instrument :
 BNA_F
 ClientSampleId :
 BLDG-3-FLOOR-COMP

Tgt Ion:152 Resp: 147464
 Ion Ratio Lower Upper
 152 100
 150 159.2 124.9 187.3
 115 58.5 46.0 69.0

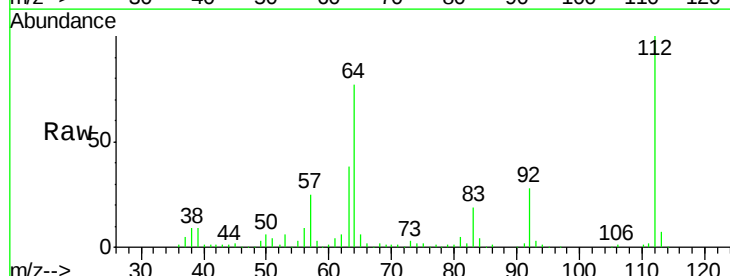


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

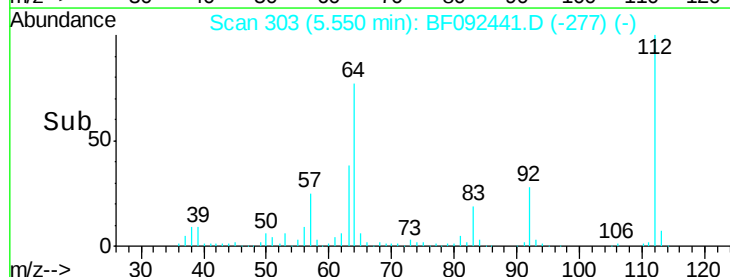
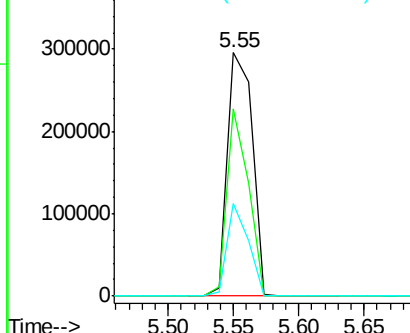


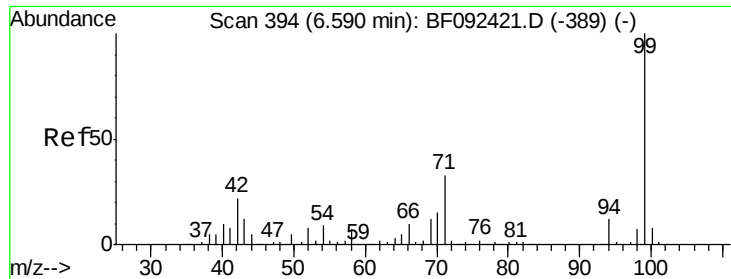
#5
 2-Fluorophenol
 Concen: 41.31 ng
 RT: 5.55 min Scan# 303
 Delta R.T. -0.00 min
 Lab File: BF092441.D
 Acq: 24 Jan 2017 20:55

Tgt Ion:112 Resp: 391535
 Ion Ratio Lower Upper
 112 100
 64 77.0 46.1 69.1#
 63 38.0 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: 72.97 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.01 min

Lab File: BF092441.D

Acq: 24 Jan 2017 20:55

Instrument :

BNA_F

ClientSampleId :

BLDG-3-FLOOR-COMP

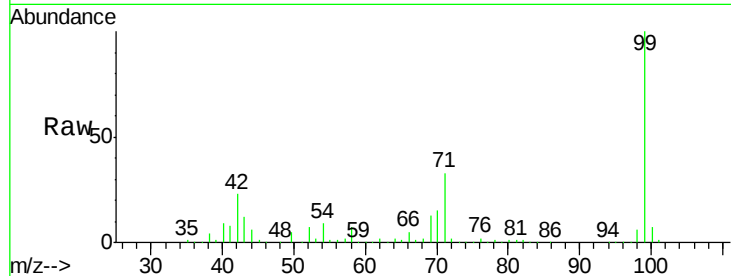
Tgt Ion: 99 Resp: 880930

Ion Ratio Lower Upper

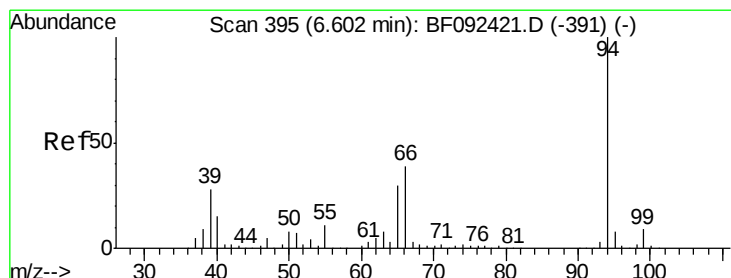
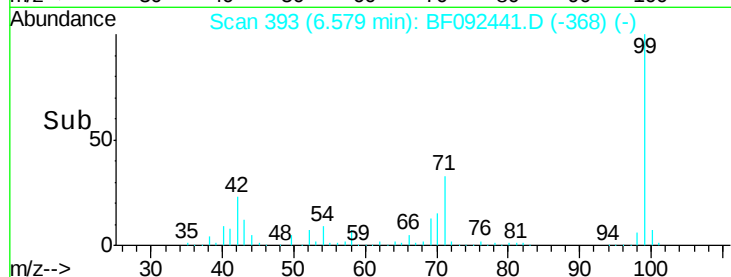
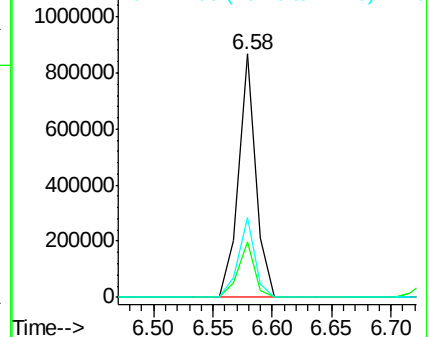
99 100

42 22.8 15.6 23.4

71 32.8 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



#10

Phenol

Concen: 2.76 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF092441.D

Acq: 24 Jan 2017 20:55

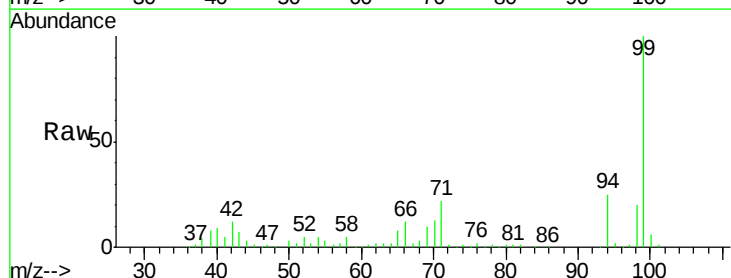
Tgt Ion: 94 Resp: 40172

Ion Ratio Lower Upper

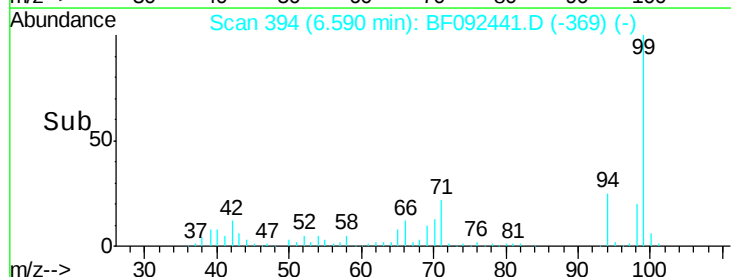
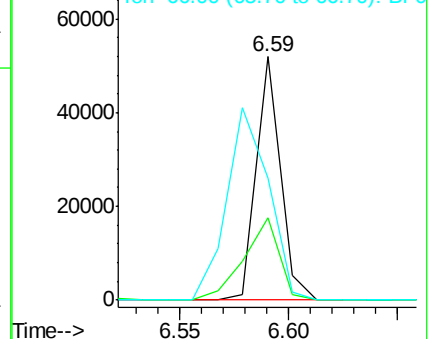
94 100

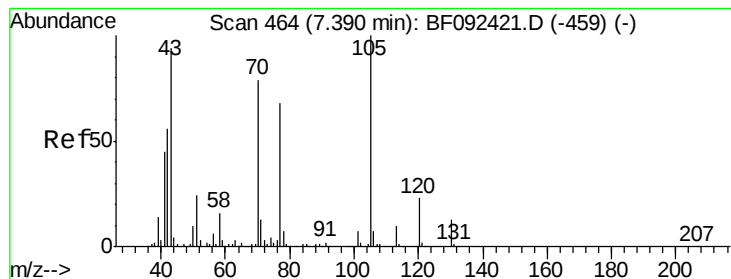
65 33.9 21.4 61.4

66 49.9 44.0 84.0



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 11.70 ng

RT: 7.53 min Scan# 476

Delta R.T. 0.14 min

Lab File: BF092441.D

Acq: 24 Jan 2017 20:55

Instrument :

BNA_F

ClientSampleId :

BLDG-3-FLOOR-COMP

Tgt Ion: 70 Resp: 96173

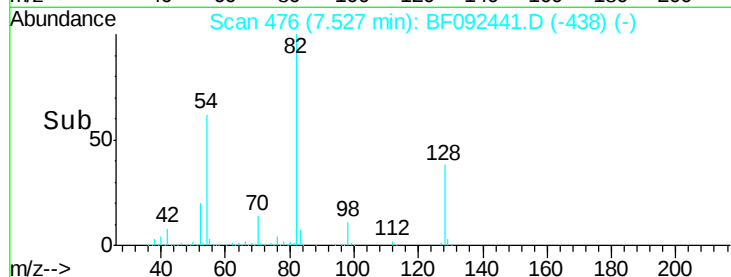
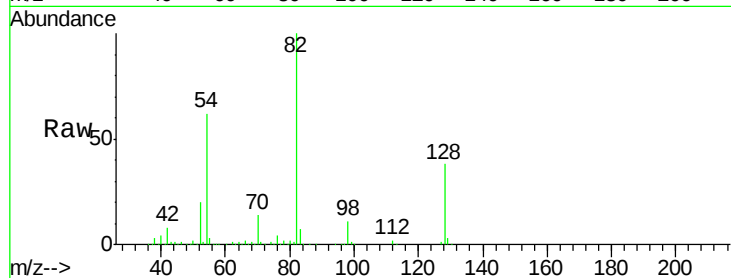
Ion Ratio Lower Upper

70 100

42 58.3 49.4 74.0

101 0.0 7.4 11.2#

130 1.8 14.2 21.4#

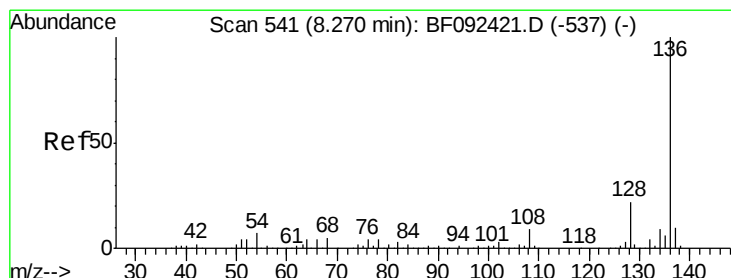
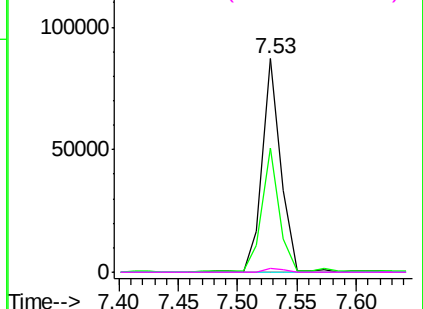


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.26 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF092441.D

Acq: 24 Jan 2017 20:55

Tgt Ion: 136 Resp: 584410

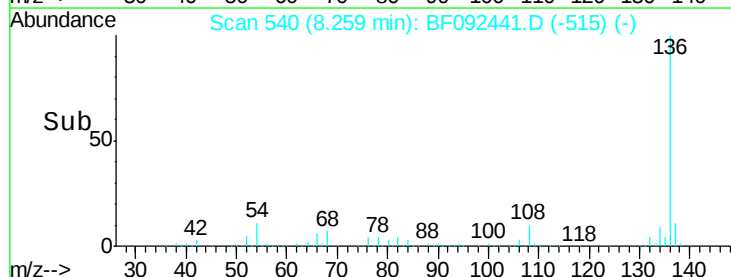
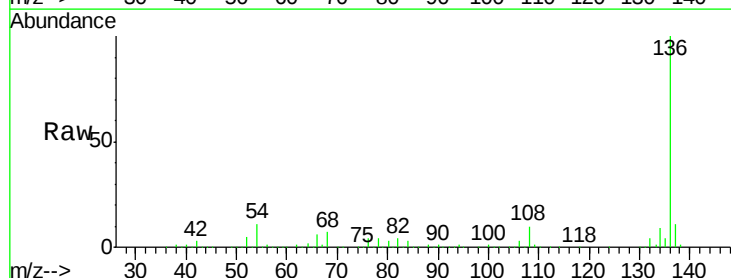
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 10.8 4.5 6.7#

68 7.4 3.6 5.4#

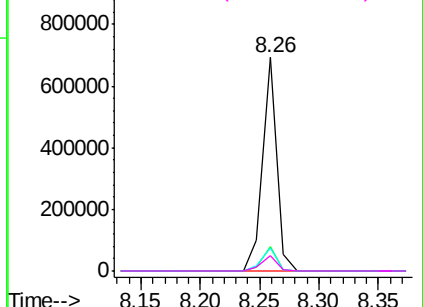


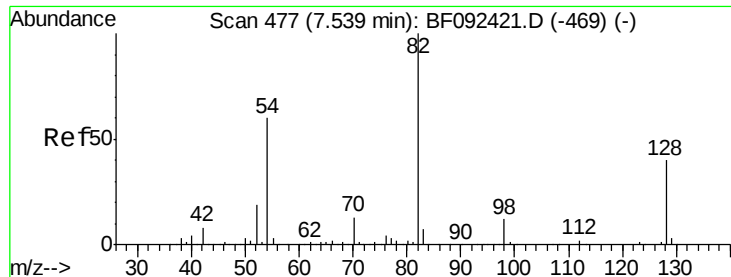
Abundance Ion 136.00 (135.70 to 136.70): E

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

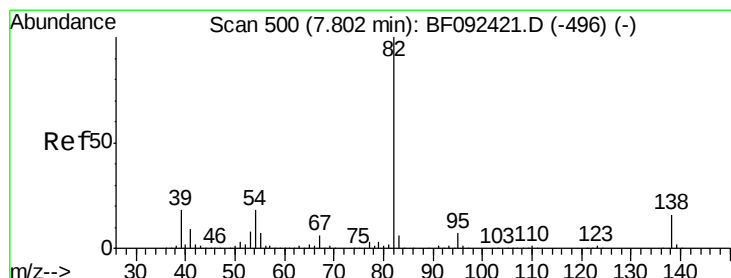
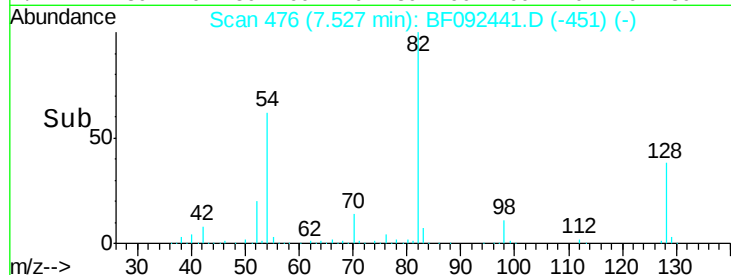
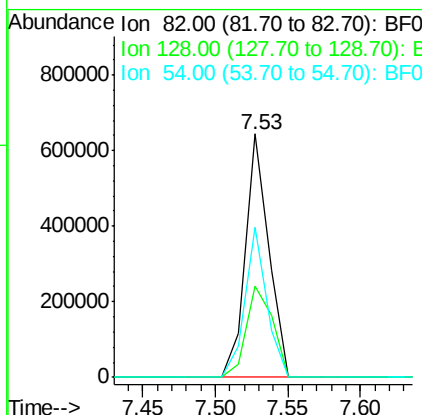
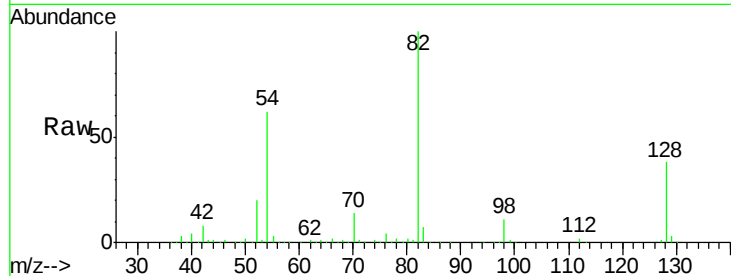




#23
 Nitrobenzene-d5
 Concen: 67.13 ng
 RT: 7.53 min Scan# 476
 Delta R.T. -0.01 min
 Lab File: BF092441.D
 Acq: 24 Jan 2017 20:55

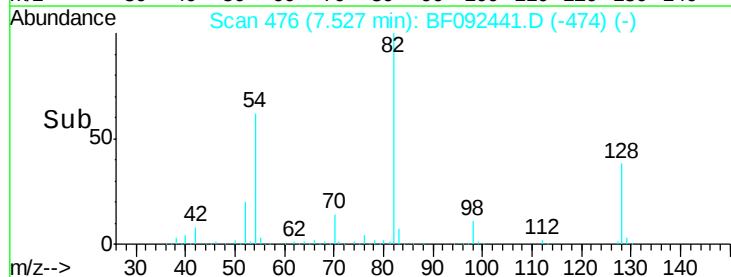
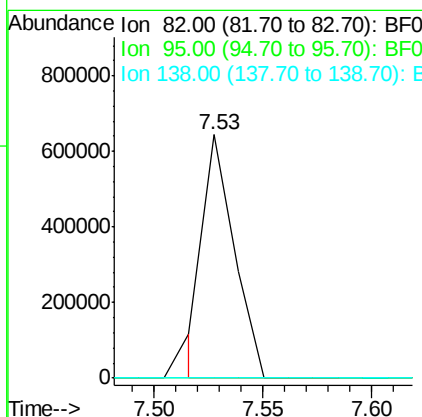
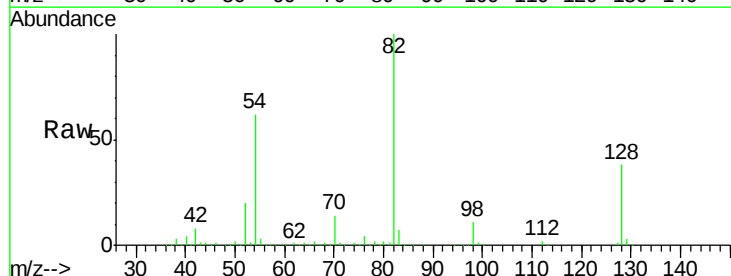
Instrument :
 BNA_F
 ClientSampleId :
 BLDG-3-FLOOR-COMP

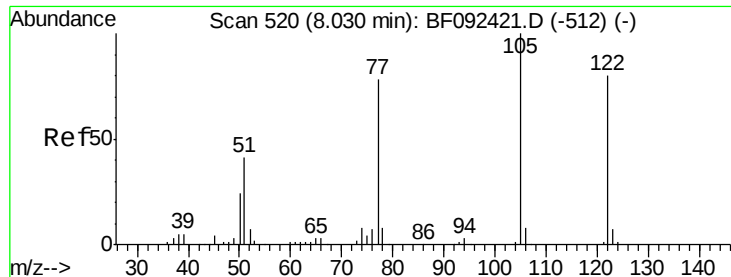
Tgt Ion: 82 Resp: 718223
 Ion Ratio Lower Upper
 82 100
 128 37.5 34.6 52.0
 54 61.8 39.5 59.3#



#25
 Isophorone
 Concen: 30.15 ng
 RT: 7.53 min Scan# 476
 Delta R.T. -0.27 min
 Lab File: BF092441.D
 Acq: 24 Jan 2017 20:55

Tgt Ion: 82 Resp: 635689
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 14.6 22.0#

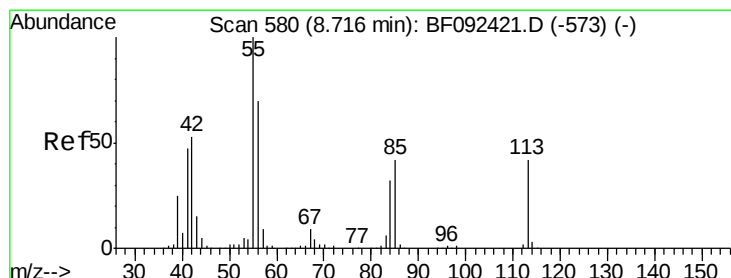
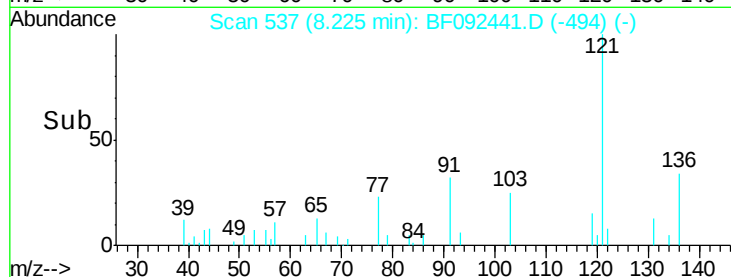
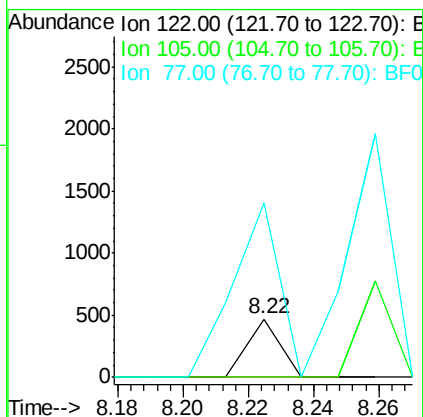
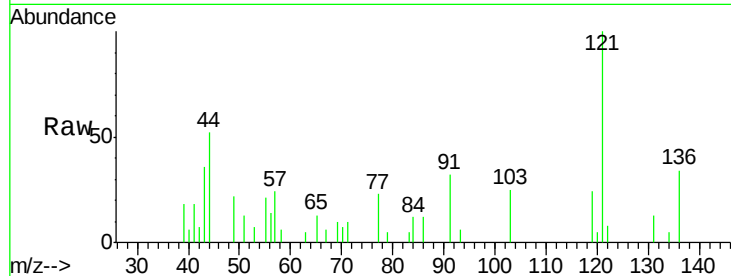




#32
Benzoic acid
Concen: 4.73 ng
RT: 8.22 min Scan# 537
Delta R.T. 0.19 min
Lab File: BF092441.D
Acq: 24 Jan 2017 20:55

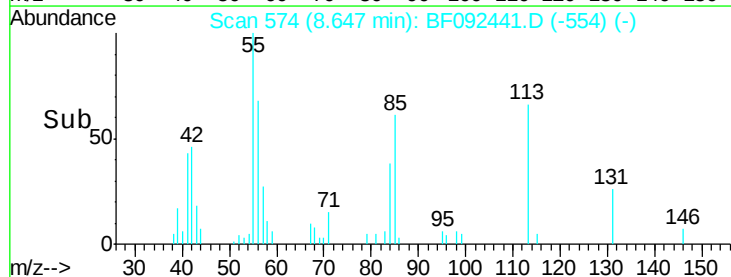
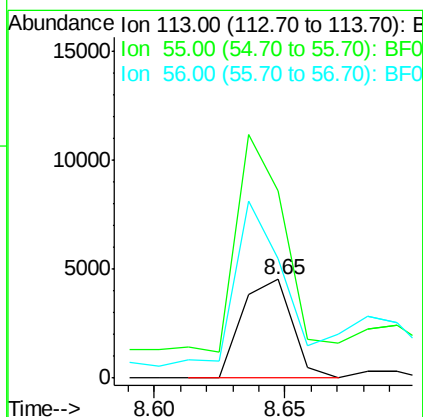
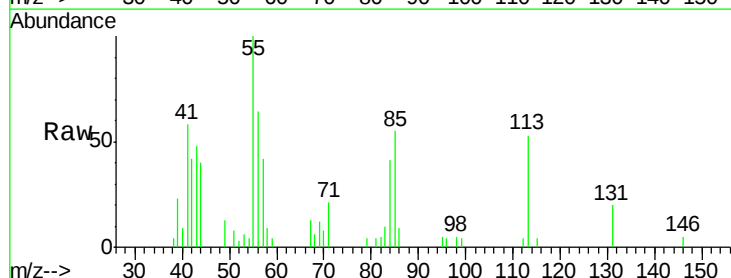
Instrument :
BNA_F
ClientSampleId :
BLDG-3-FLOOR-COMP

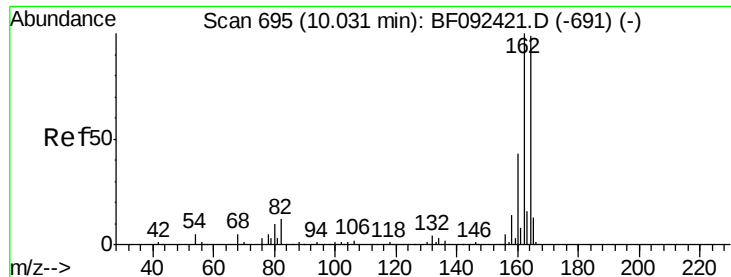
Tgt Ion:122 Resp: 320
Ion Ratio Lower Upper
122 100
105 0.0 107.2 147.2#
77 301.7 74.5 114.5#



#35
Caprolactam
Concen: 2.15 ng
RT: 8.65 min Scan# 574
Delta R.T. -0.07 min
Lab File: BF092441.D
Acq: 24 Jan 2017 20:55

Tgt Ion:113 Resp: 6067
Ion Ratio Lower Upper
113 100
55 189.4 119.2 159.2#
56 121.2 83.8 123.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.03 min Scan# 695

Delta R.T. -0.00 min

Lab File: BF092441.D

Acq: 24 Jan 2017 20:55

Instrument :

BNA_F

ClientSampleId :

BLDG-3-FLOOR-COMP

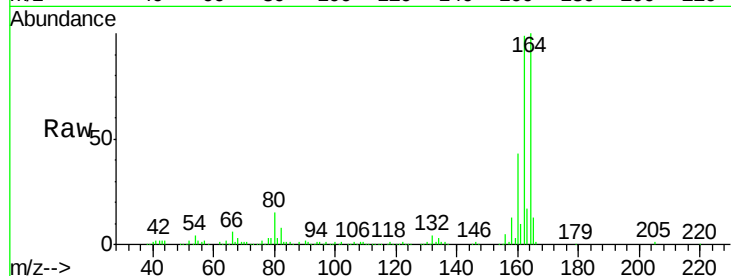
Tgt Ion:164 Resp: 292743

Ion Ratio Lower Upper

164 100

162 99.2 80.2 120.2

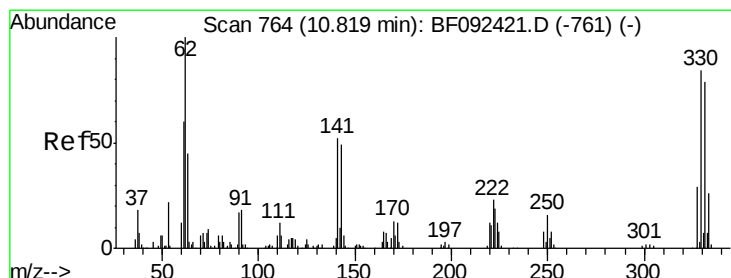
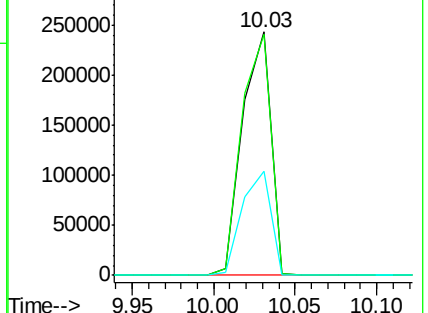
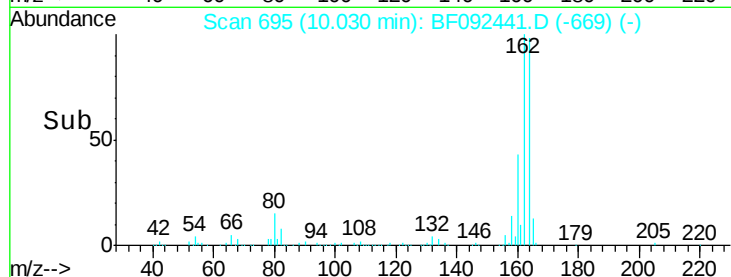
160 42.8 36.9 55.3



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: 5.36 ng

RT: 10.81 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF092441.D

Acq: 24 Jan 2017 20:55

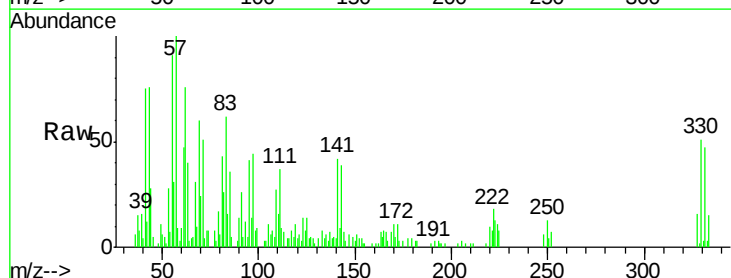
Tgt Ion:330 Resp: 10696

Ion Ratio Lower Upper

330 100

332 97.9 77.4 116.2

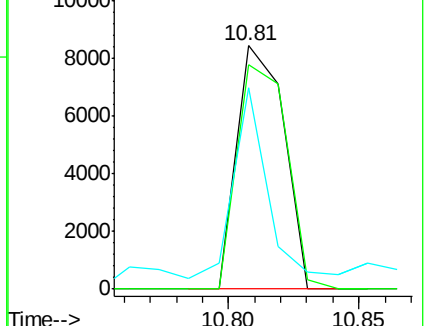
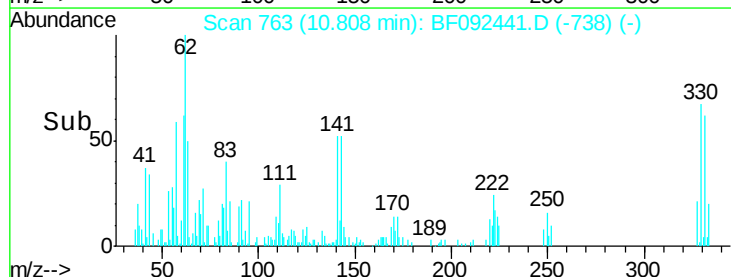
141 78.9 34.1 51.1#

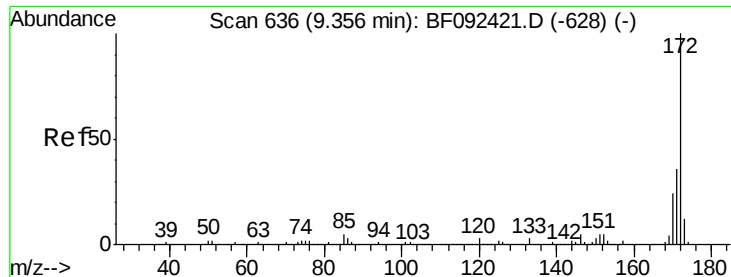


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

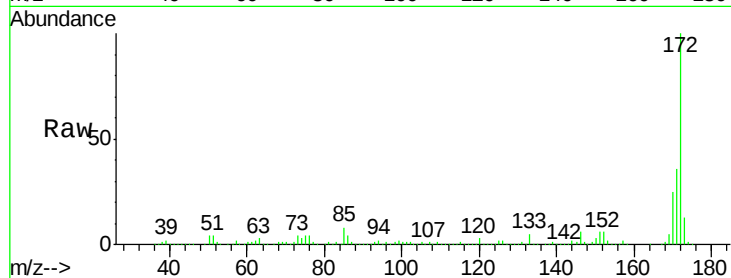




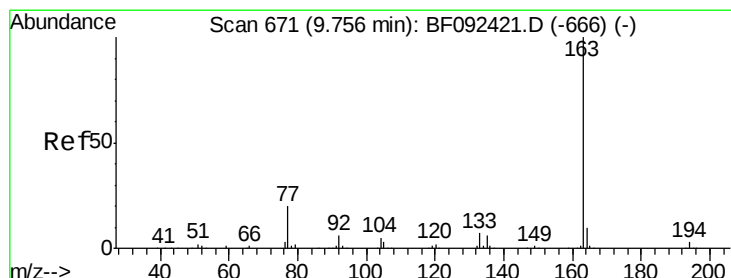
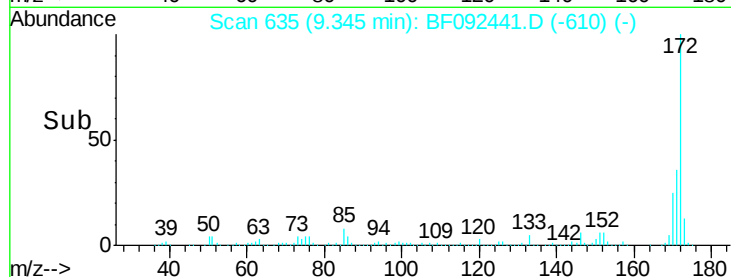
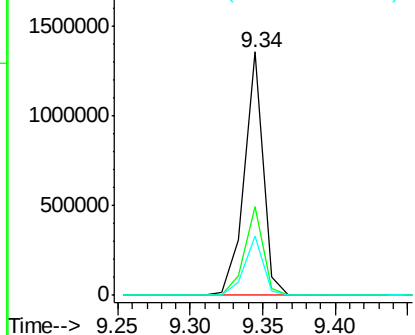
#44
2-Fluorobiphenyl
Concen: 77.40 ng
RT: 9.34 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF092441.D
Acq: 24 Jan 2017 20:55

Instrument :
BNA_F
ClientSampleId :
BLDG-3-FLOOR-COMP

Tgt Ion:172 Resp: 1225280
Ion Ratio Lower Upper
172 100
171 36.4 29.4 44.0
170 24.6 20.2 30.4

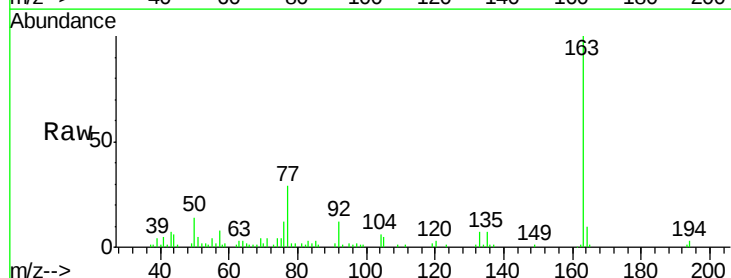


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

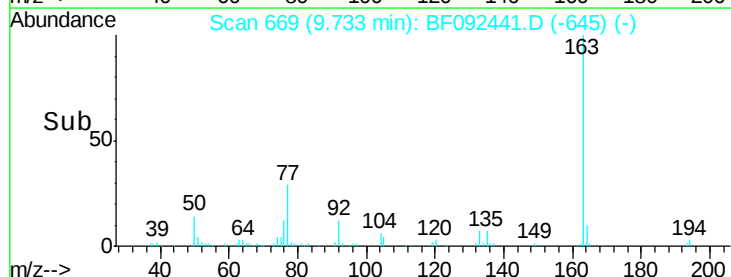
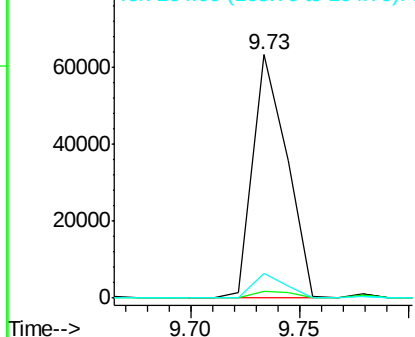


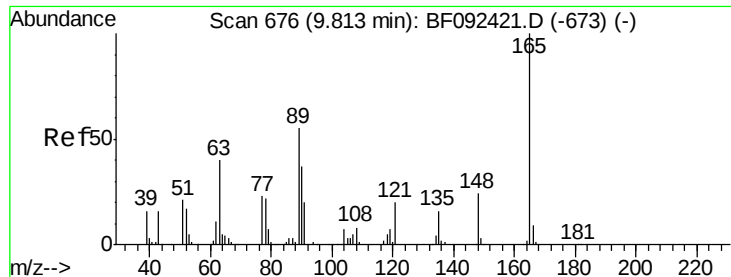
#49
Dimethylphthalate
Concen: 3.71 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.02 min
Lab File: BF092441.D
Acq: 24 Jan 2017 20:55

Tgt Ion:163 Resp: 69030
Ion Ratio Lower Upper
163 100
194 2.8 3.0 4.4#
164 10.3 8.0 12.0



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

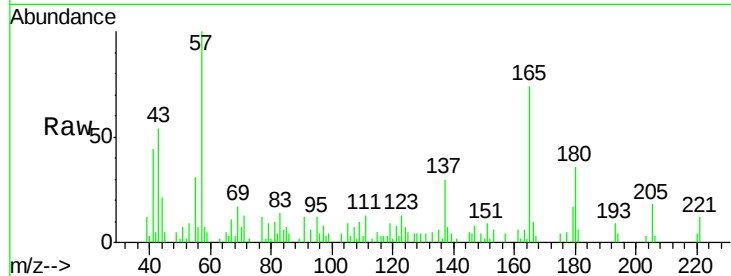




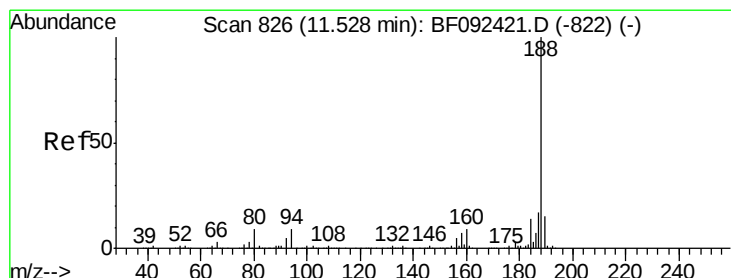
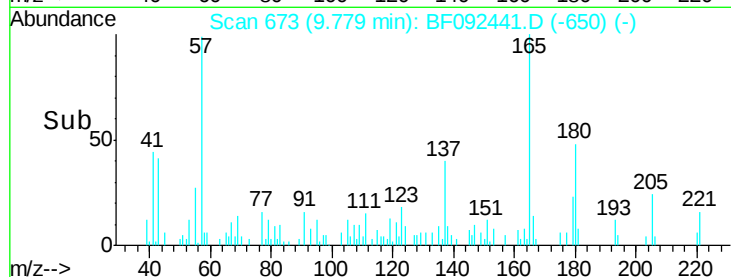
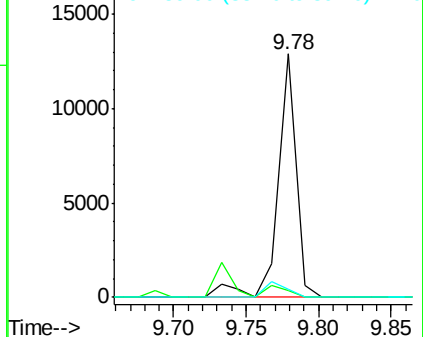
#50
 2,6-Dinitrotoluene
 Concen: 2.96 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.03 min
 Lab File: BF092441.D
 Acq: 24 Jan 2017 20:55

Instrument :
 BNA_F
 ClientSampleId :
 BLDG-3-FLOOR-COMP

Tgt Ion:165 Resp: 11272
 Ion Ratio Lower Upper
 165 100
 63 2.9 36.2 54.4#
 89 3.2 40.2 60.4#

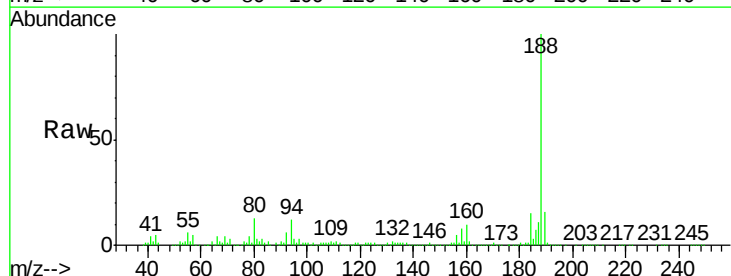


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

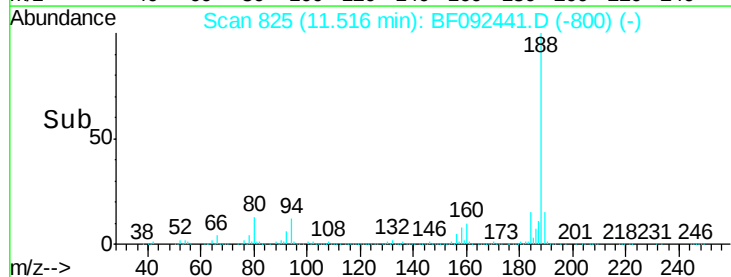
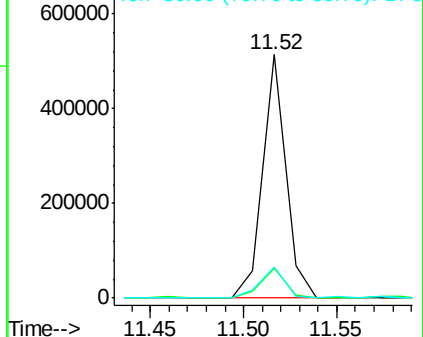


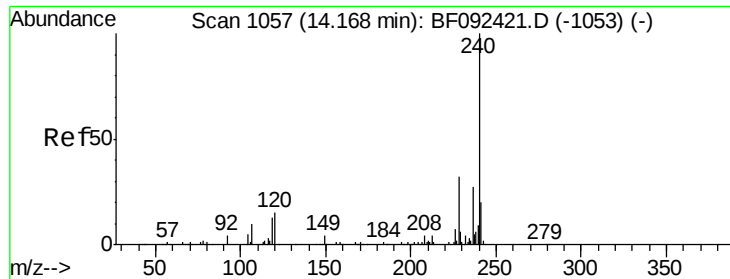
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF092441.D
 Acq: 24 Jan 2017 20:55

Tgt Ion:188 Resp: 440069
 Ion Ratio Lower Upper
 188 100
 94 12.2 10.0 15.0
 80 12.8 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

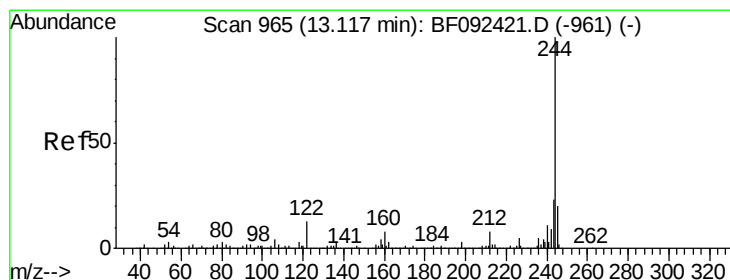
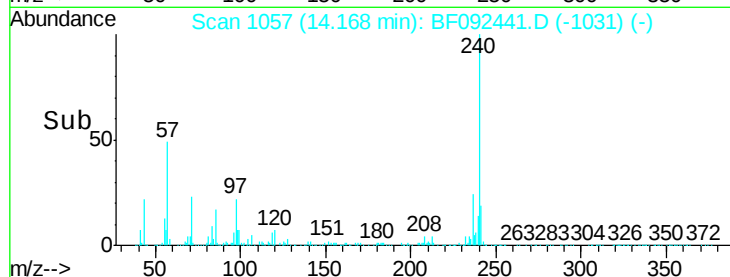
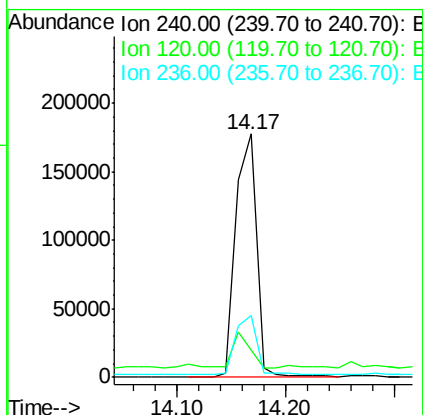
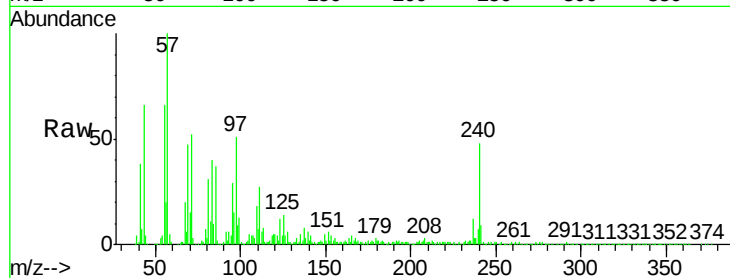




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.17 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BF092441.D
Acq: 24 Jan 2017 20:55

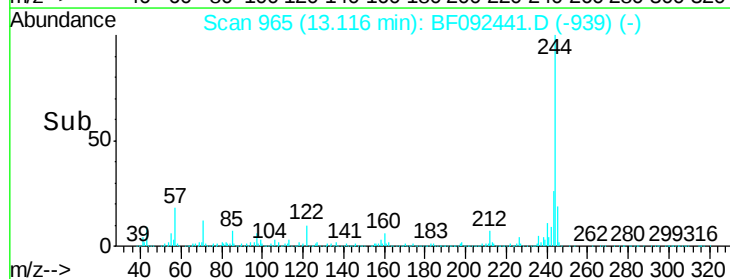
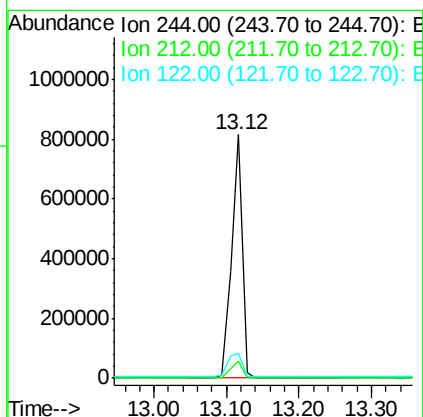
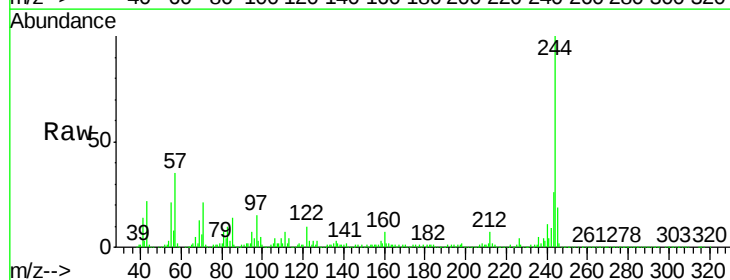
Instrument :
BNA_F
ClientSampleId :
BLDG-3-FLOOR-COMP

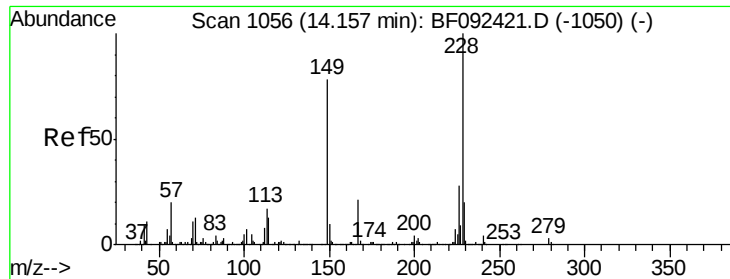
Tgt Ion:240 Resp: 229965
Ion Ratio Lower Upper
240 100
120 11.4 12.9 19.3#
236 25.5 20.9 31.3



#78
Terphenyl-d14
Concen: 96.27 ng
RT: 13.12 min Scan# 965
Delta R.T. -0.00 min
Lab File: BF092441.D
Acq: 24 Jan 2017 20:55

Tgt Ion:244 Resp: 831427
Ion Ratio Lower Upper
244 100
212 7.2 6.2 9.2
122 10.2 11.4 17.2#

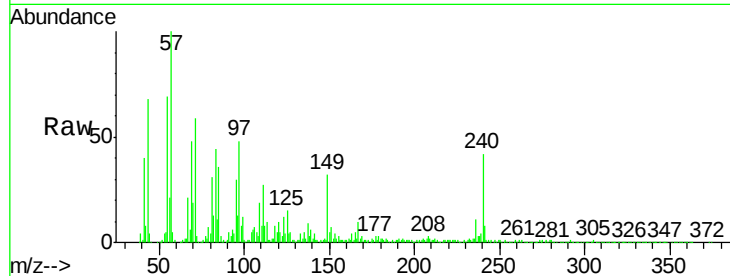




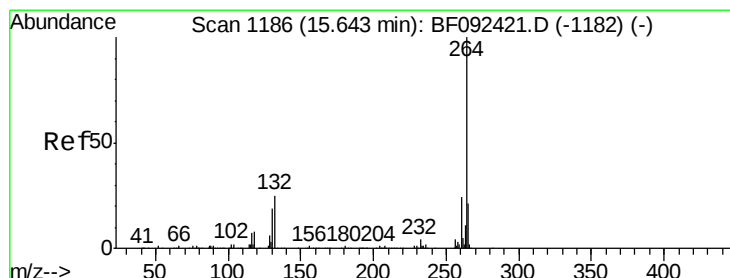
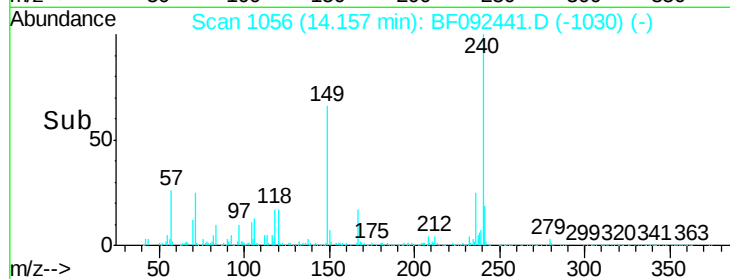
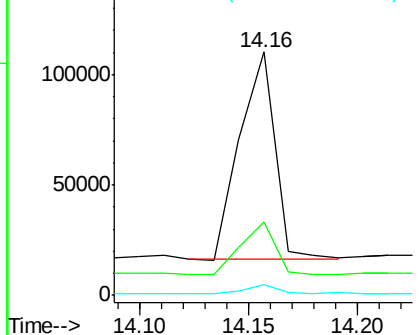
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 12.33 ng
 RT: 14.16 min Scan# 1056
 Delta R.T. -0.00 min
 Lab File: BF092441.D
 Acq: 24 Jan 2017 20:55

Instrument :
 BNA_F
 ClientSampleId :
 BLDG-3-FLOOR-COMP

Tgt Ion:149 Resp: 104830
 Ion Ratio Lower Upper
 149 100
 167 30.2 20.2 30.4
 279 4.6 1.8 2.8#

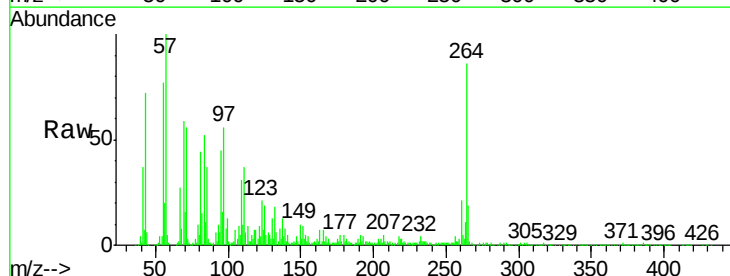


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.65 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF092441.D
 Acq: 24 Jan 2017 20:55

Tgt Ion:264 Resp: 232957
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.5 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

