

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 25 10:17:26 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

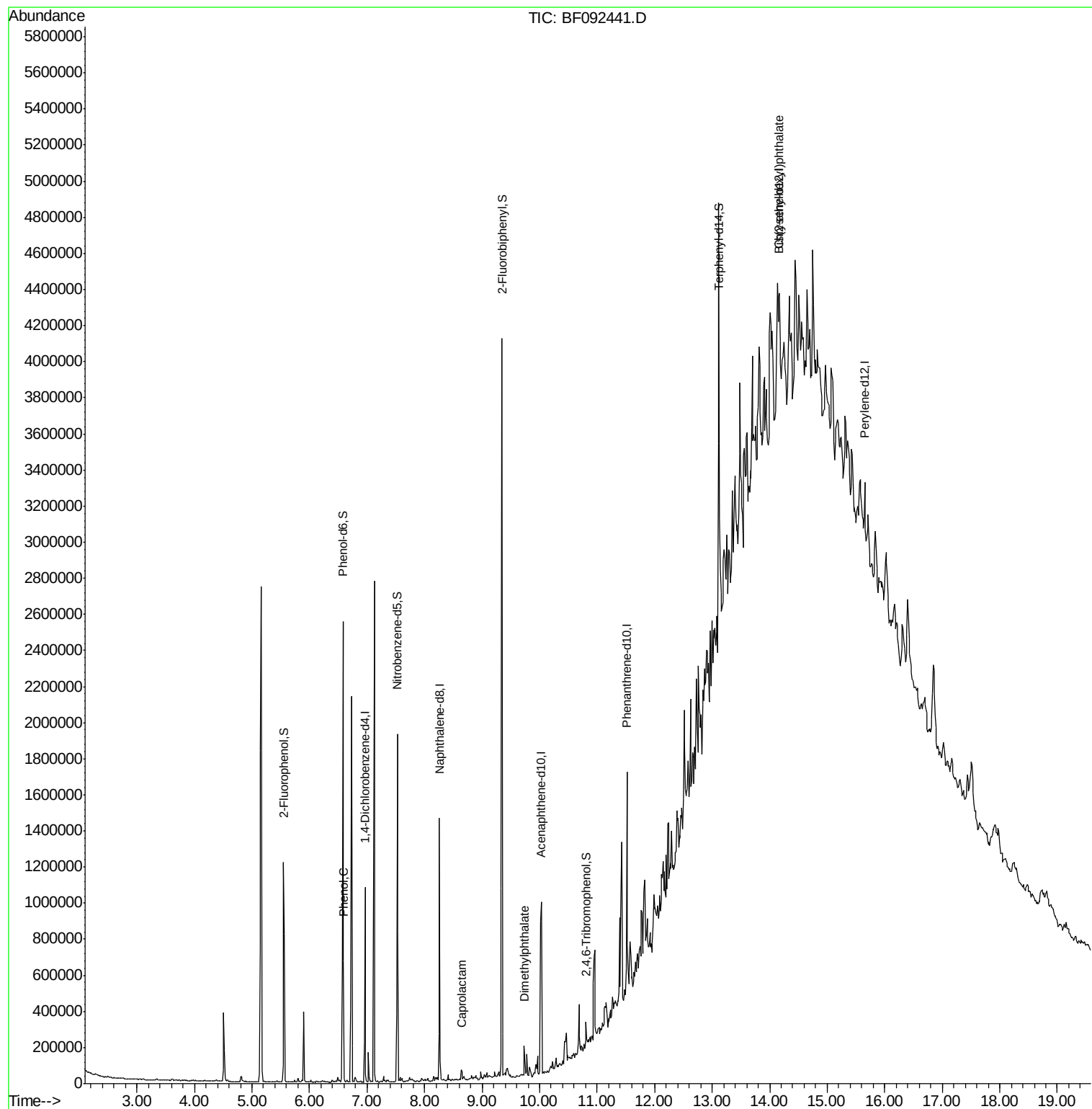
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	147464	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	584410	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	292743	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	440069	20.00	ng	-0.01
75) Chrysene-d12	14.17	240	229965	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
35) Caprolactam	8.65	113	6067	2.15	ng	# 69
49) Dimethylphthalate	9.73	163	69030	3.71	ng	# 99
83) Bis(2-ethylhexyl)phthalate	14.16	149	104830	12.33	ng	# 91

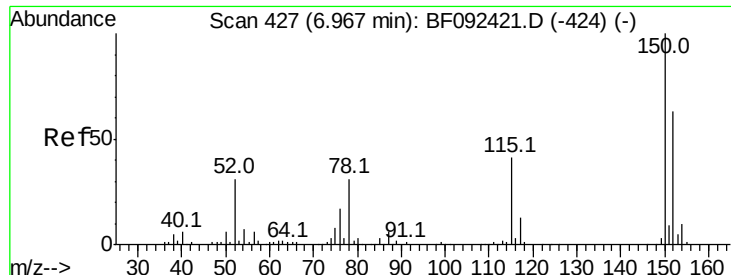
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

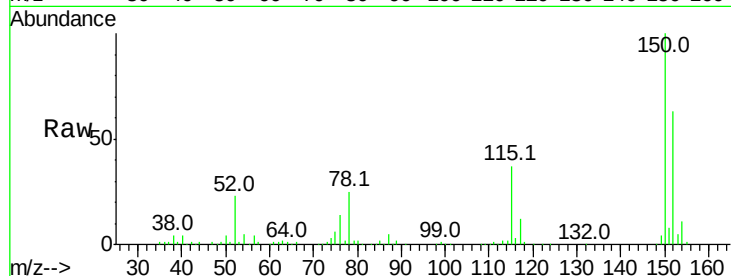
Tot Ion:152 Resp: 147464

Ion Ratio Lower Upper

152 100

150 159.2 124.9 187.3

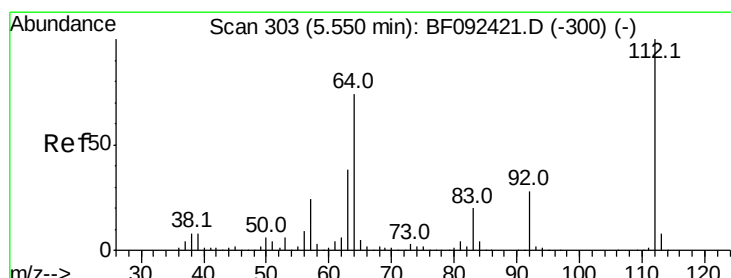
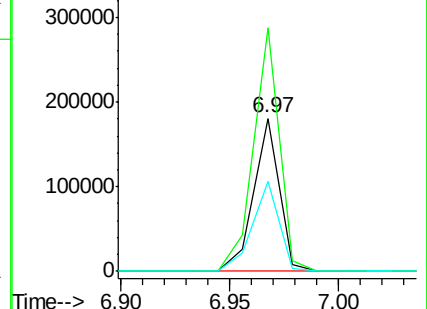
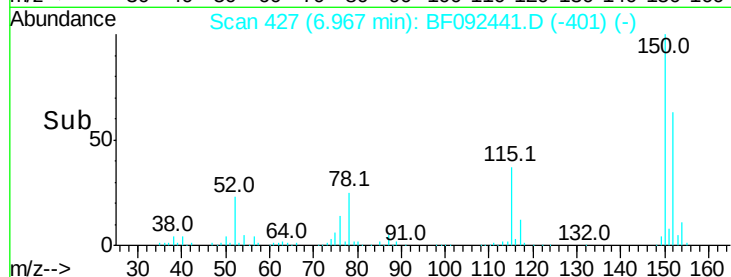
115 58.5 46.0 69.0



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

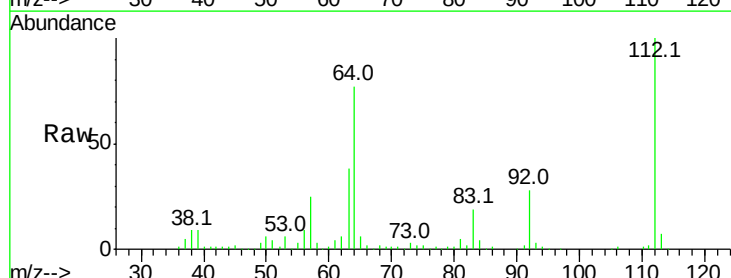
Tgt Ion:112 Resp: 391535

Ion Ratio Lower Upper

112 100

64 77.0 46.1 69.1#

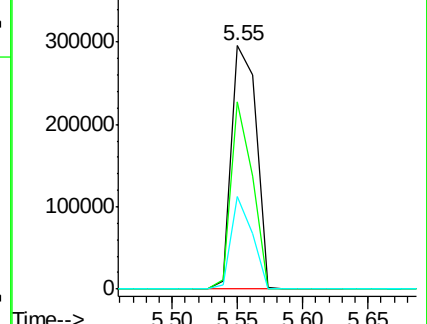
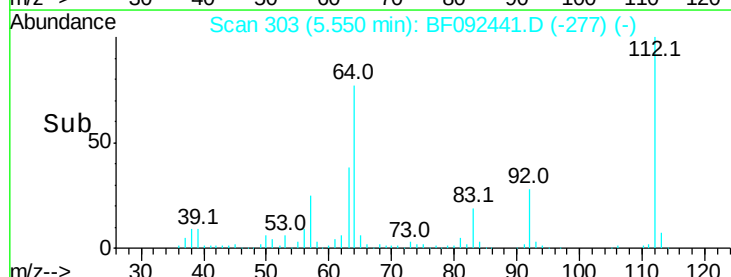
63 38.0 23.8 35.6#

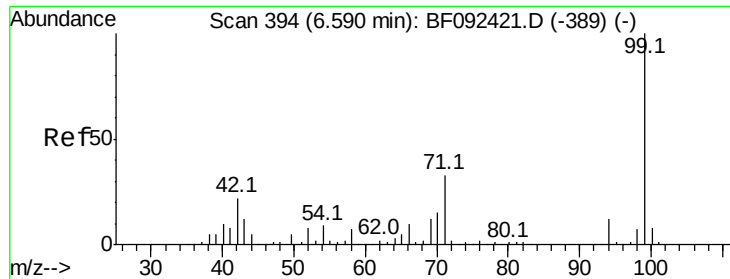


Abundance Ion 112.00 (111.70 to 112.70): E

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

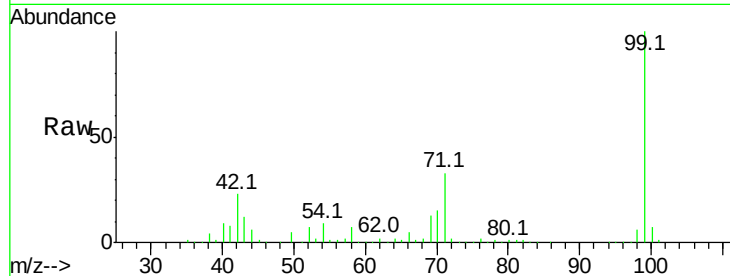
Tot Ion: 99 Resp: 880930

Ion Ratio Lower Upper

99 100

42 22.8 15.6 23.4

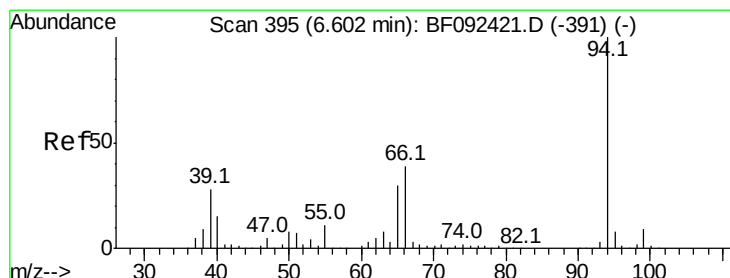
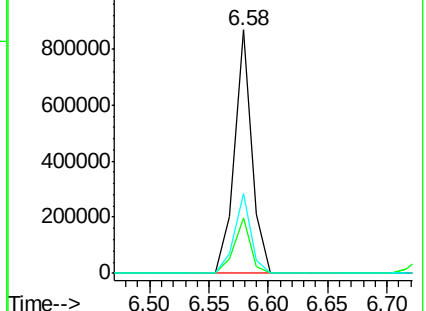
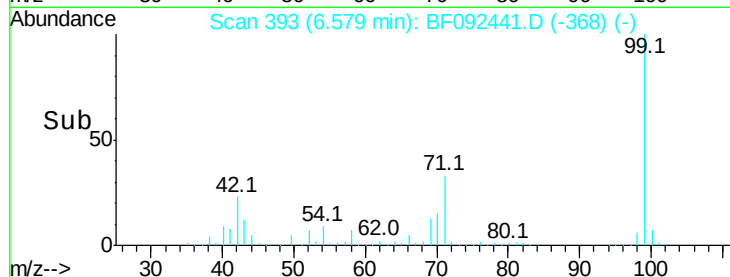
71 32.8 27.5 41.3



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

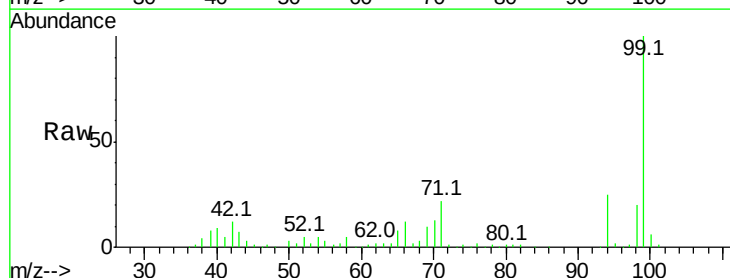
Tgt Ion: 94 Resp: 40172

Ion Ratio Lower Upper

94 100

65 33.9 21.4 61.4

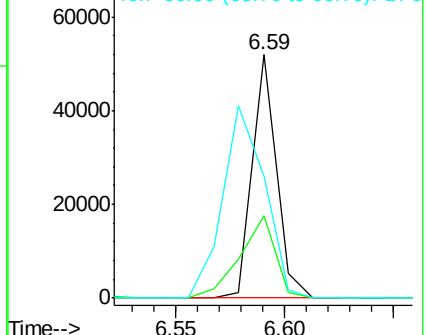
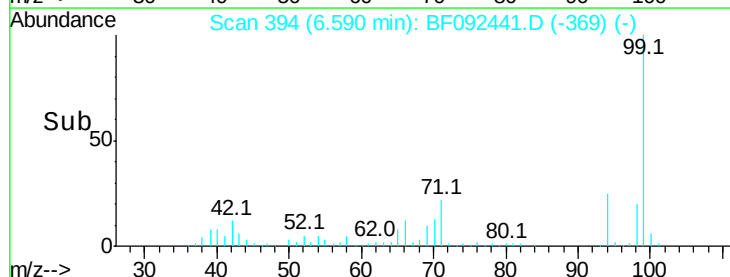
66 49.9 44.0 84.0

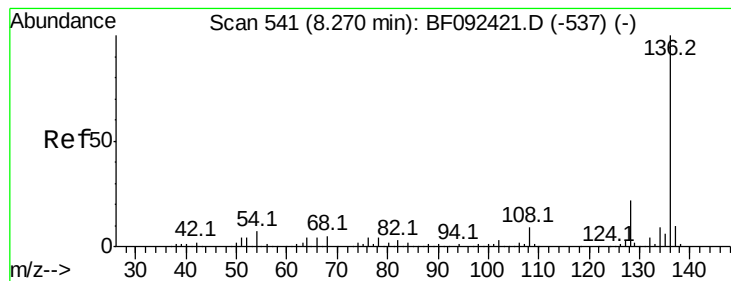


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#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

Instrument :

BNA_F

ClientSampleId :

BLDG-3-FLOOR-COMP

Tot Ion:136 Resp: 584410

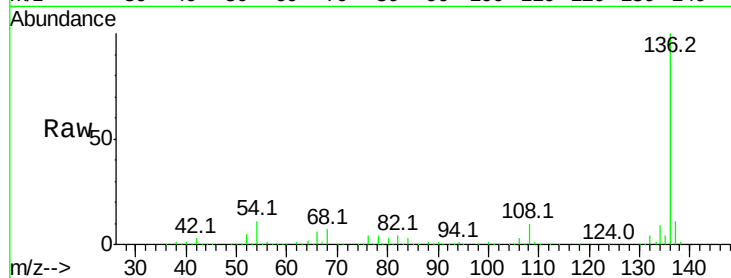
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 10.8 4.5 6.7#

68 7.4 3.6 5.4#

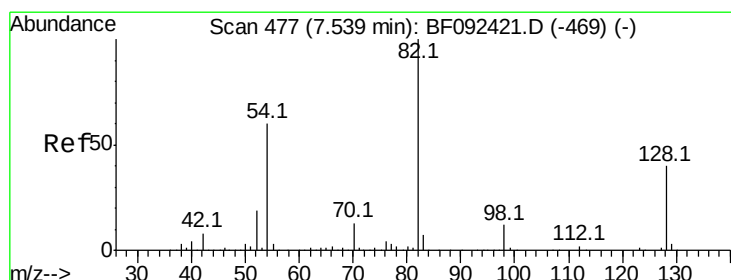
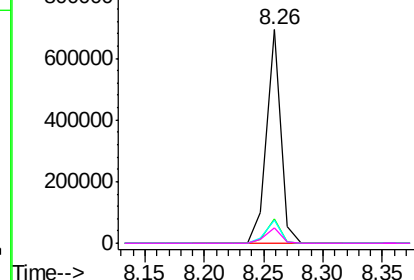
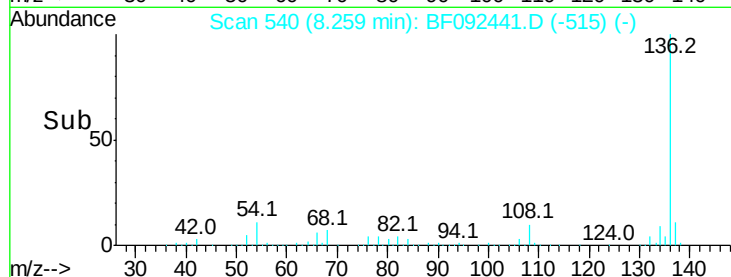


Abundance Ion 136.00 (135.70 to 136.70): E

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

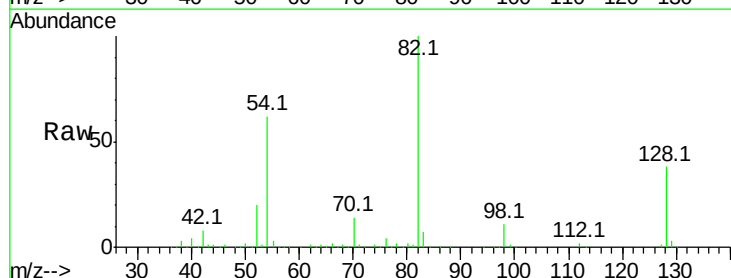
Tgt Ion: 82 Resp: 718223

Ion Ratio Lower Upper

82 100

128 37.5 34.6 52.0

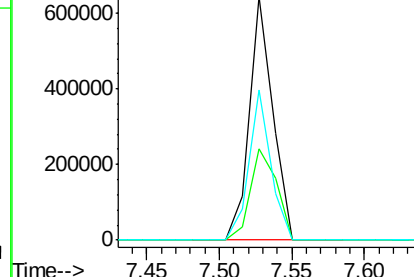
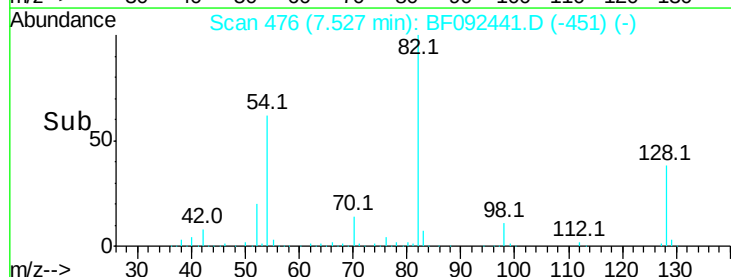
54 61.8 39.5 59.3#

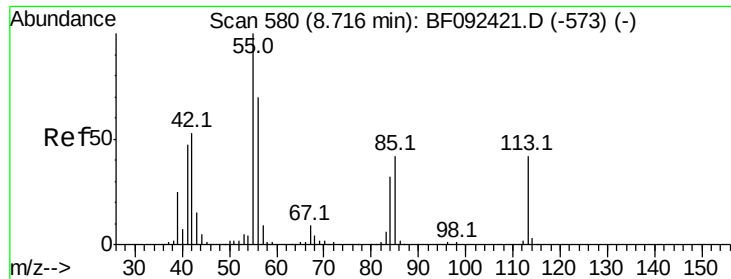


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

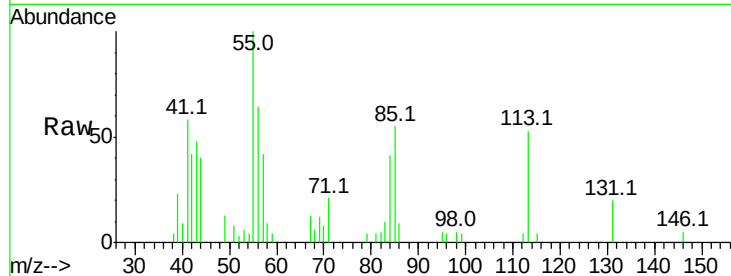




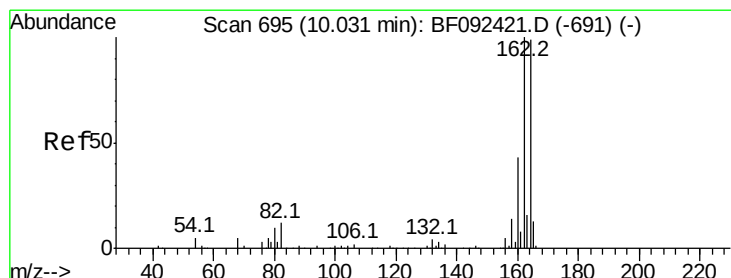
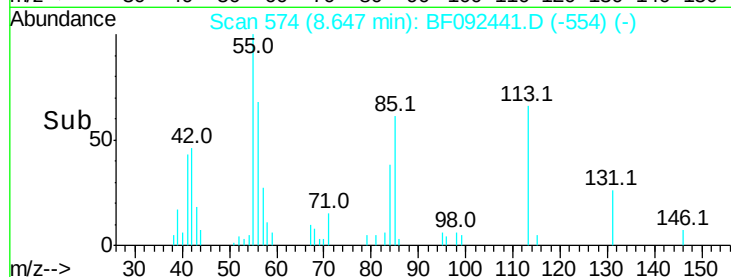
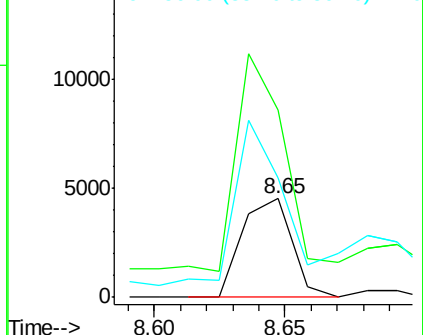
#35
 Caprolactam
 Concen: 2.15 ng
 RT: 8.65 min Scan# 574
 Delta R.T. -0.07 min
 Lab File: BF092441.D
 Acq: 24 Jan 2017 20:55

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

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

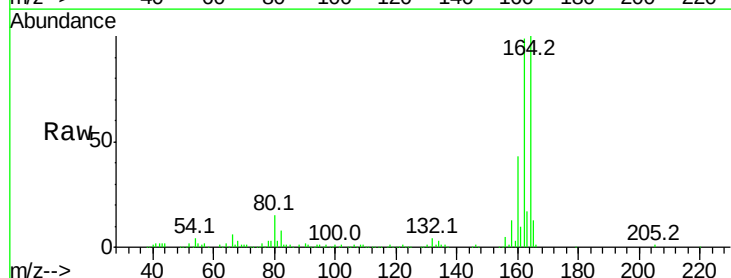


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

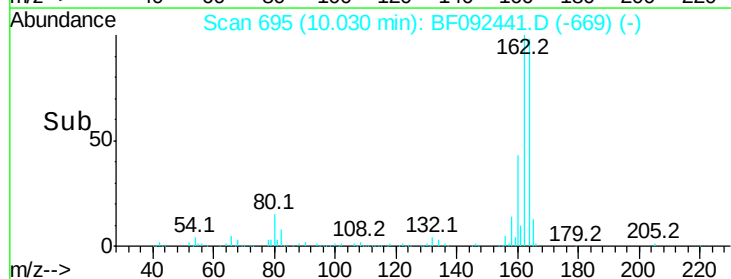
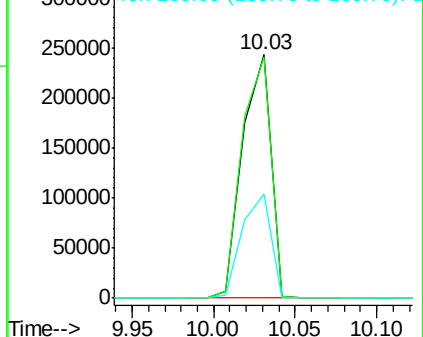


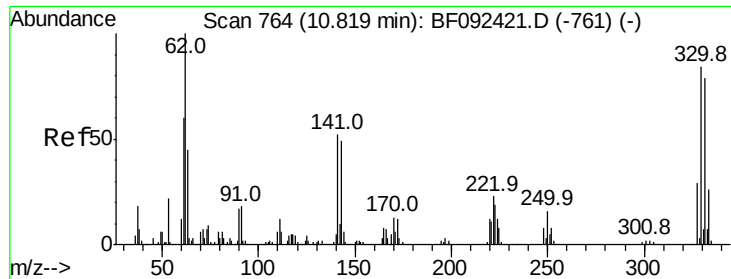
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.03 min Scan# 695
 Delta R.T. -0.00 min
 Lab File: BF092441.D
 Acq: 24 Jan 2017 20:55

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

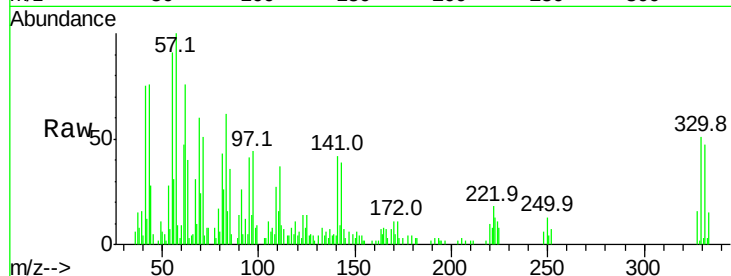




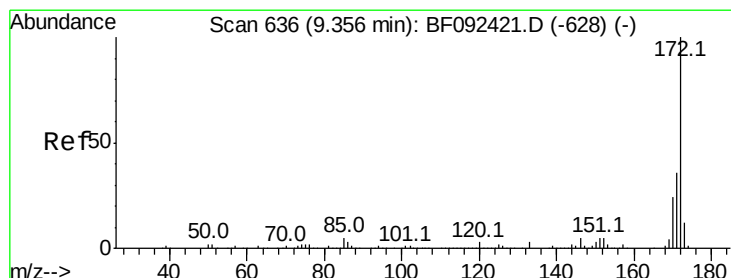
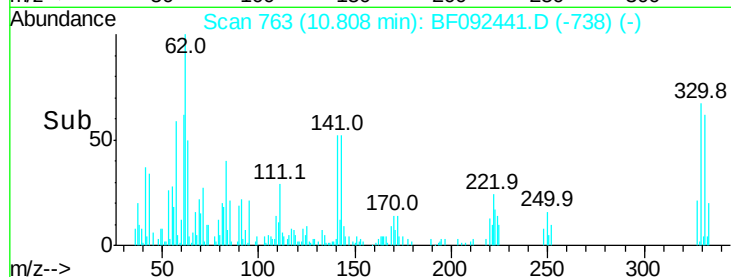
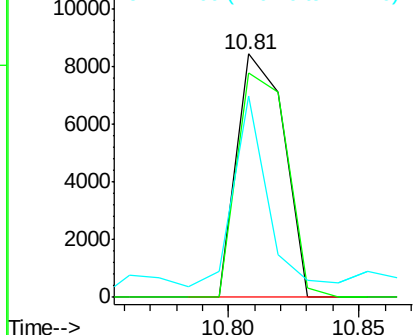
#41
 2,4,6-Tribromophenol
 Concen: 5.36 ng
 RT: 10.81 min Scan# 763
 Delta R.T. -0.01 min
 Lab File: BF092441.D
 Acq: 24 Jan 2017 20:55

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

Tot Ion:330 Resp: 10696
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.4 116.2
 141 78.9 34.1 51.1#

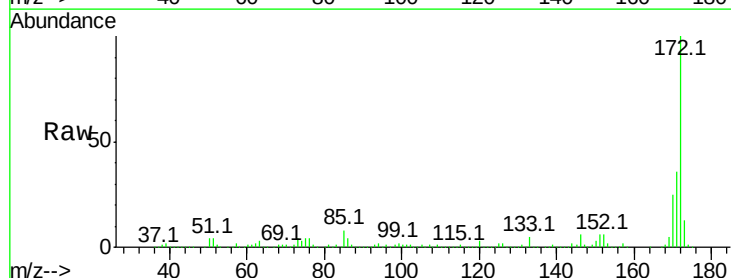


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

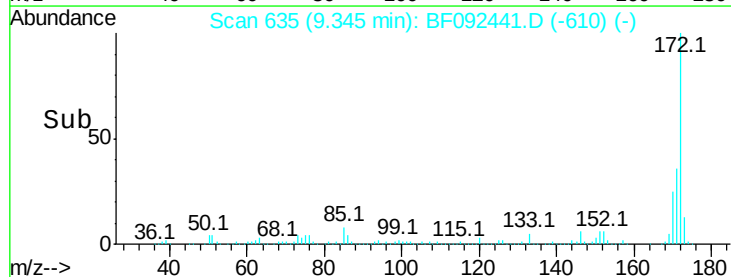
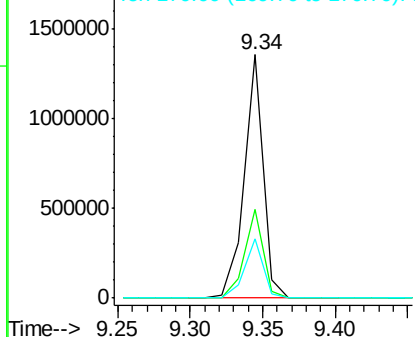


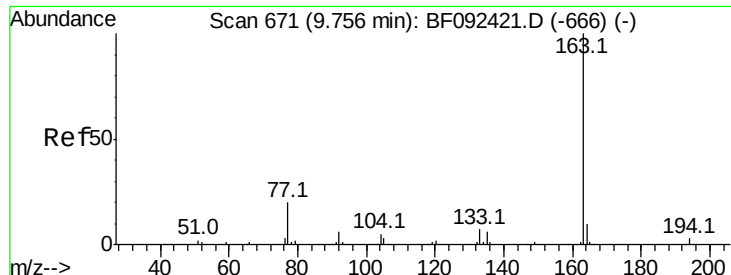
#44
 2-Fluorobiphenyl
 Concen: 77.40 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092441.D
 Acq: 24 Jan 2017 20:55

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

Instrument :

BNA_F

ClientSampleId :

BLDG-3-FLOOR-COMP

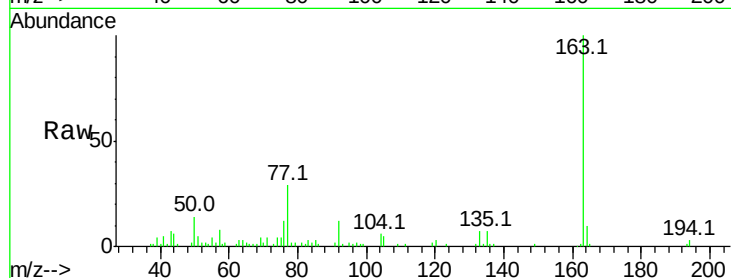
Tot Ion:163 Resp: 69030

Ion Ratio Lower Upper

163 100

194 2.8 3.0 4.4#

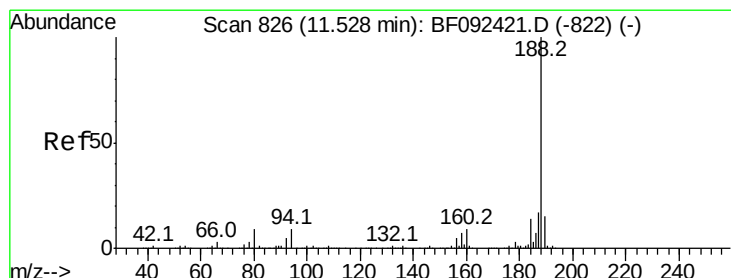
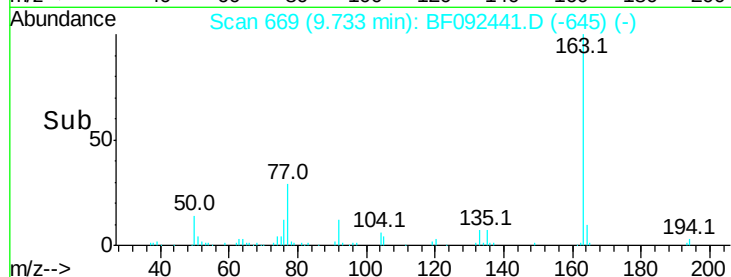
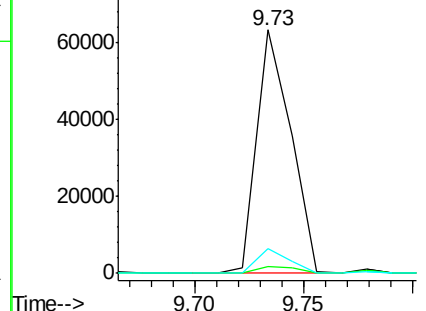
164 10.3 8.0 12.0



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



#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

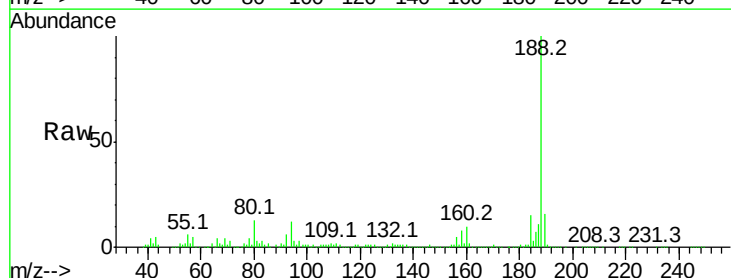
Tgt Ion:188 Resp: 440069

Ion Ratio Lower Upper

188 100

94 12.2 10.0 15.0

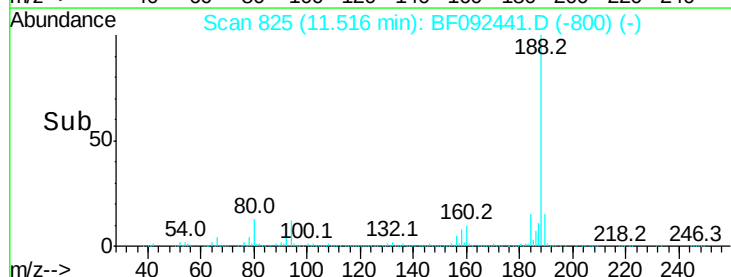
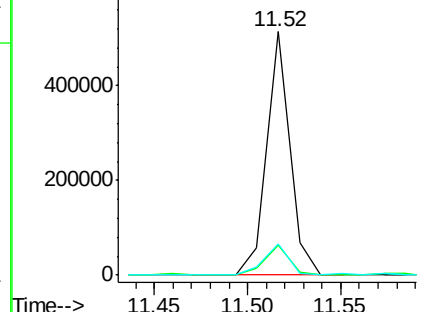
80 12.8 11.2 16.8

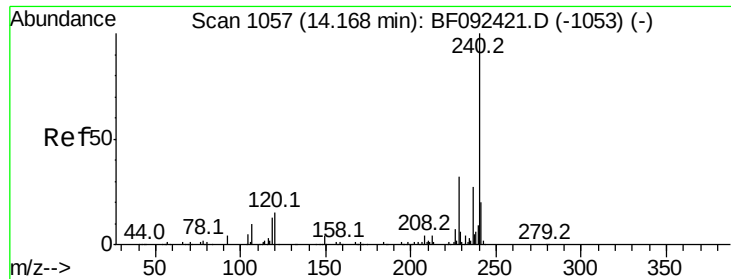


Abundance Ion 188.00 (187.70 to 188.70): E

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

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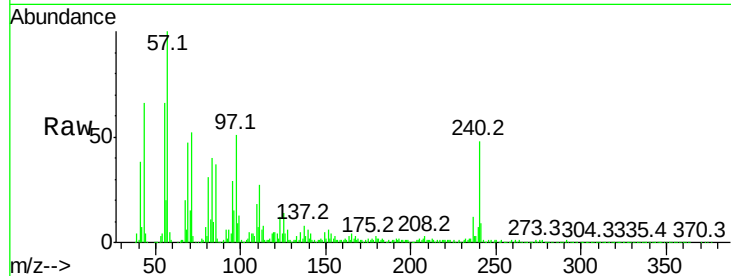
Tot Ion:240 Resp: 229965

Ion Ratio Lower Upper

240 100

120 11.4 12.9 19.3#

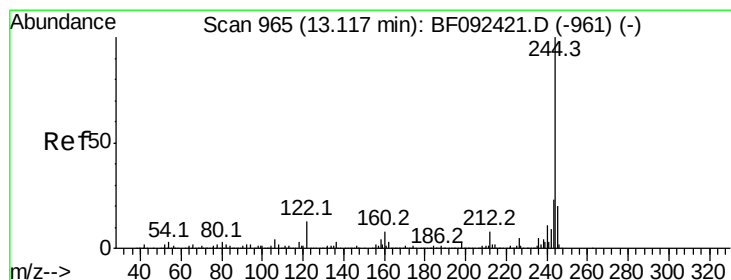
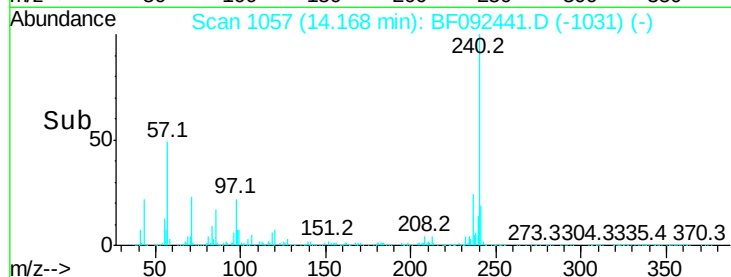
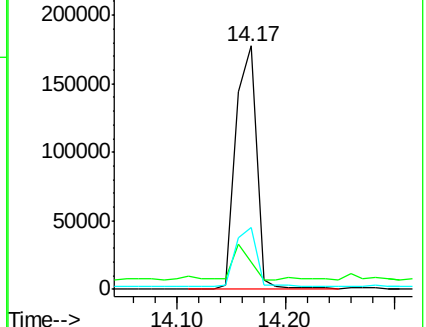
236 25.5 20.9 31.3



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: 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

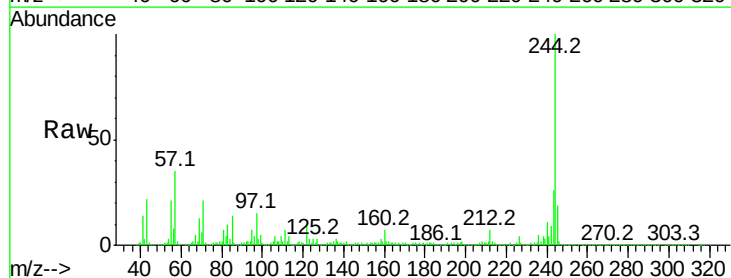
Tgt Ion:244 Resp: 831427

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

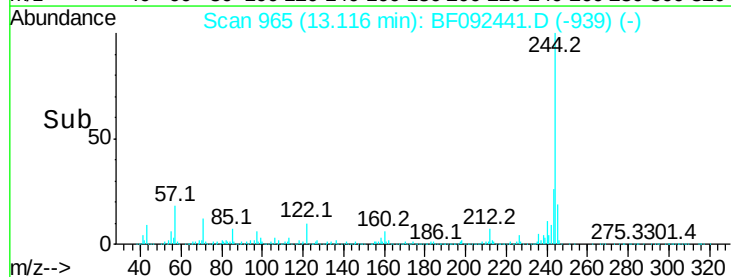
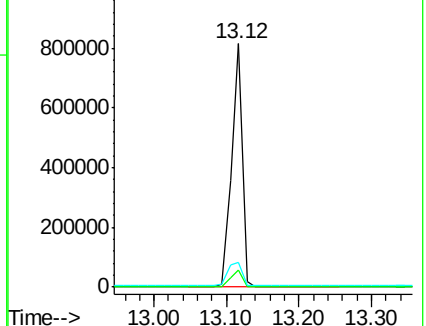
122 10.2 11.4 17.2#

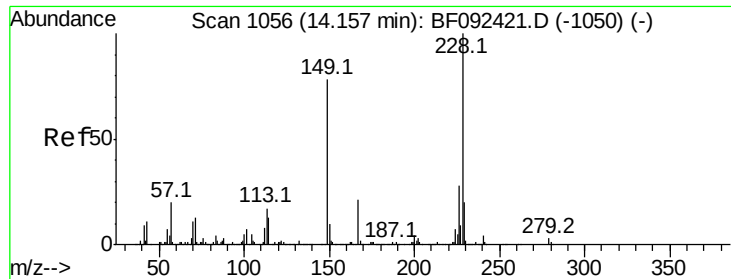


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

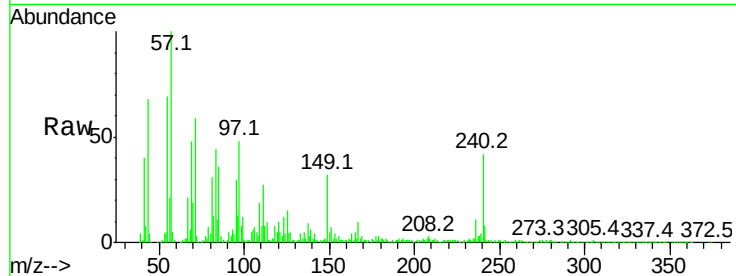




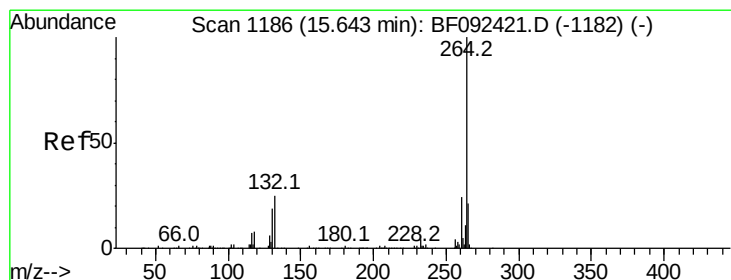
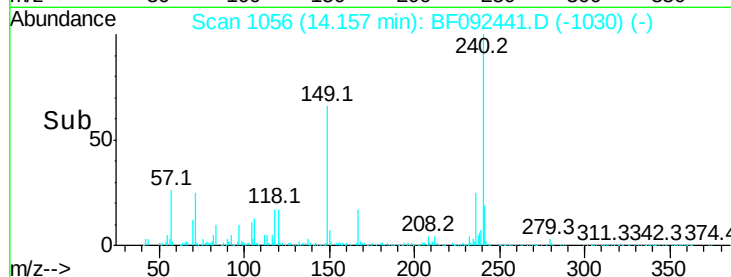
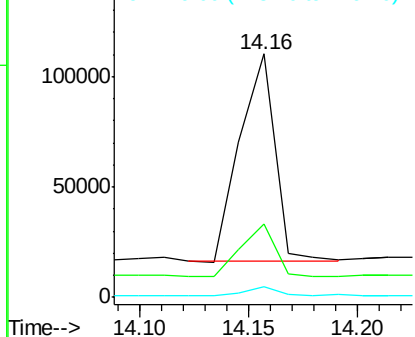
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 12.33 ng
 RT: 14.16 min Scan# 1056
 Delta R.T. -0.00 min
 Lab File: BF092441.D
 Acq: 24 Jan 2017 20:55

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

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

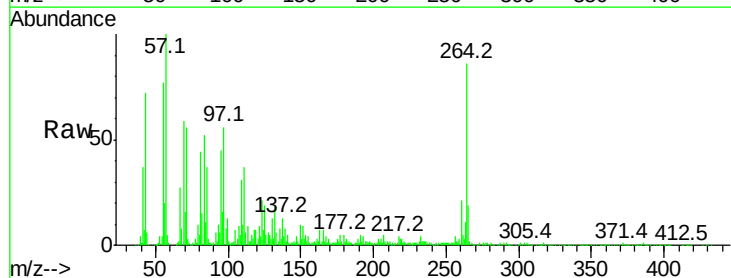


Abundance Ion 149.00 (148.70 to 149.70): E
 150000 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#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
 250000 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

