

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012417\
 Data File : BF092442.D
 Acq On : 24 Jan 2017 21:23
 Operator : UM/SJ
 Sample : I1363-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BLDG-3-BLOCK-WALL-COMP

Quant Time: Jan 24 23:54:09 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

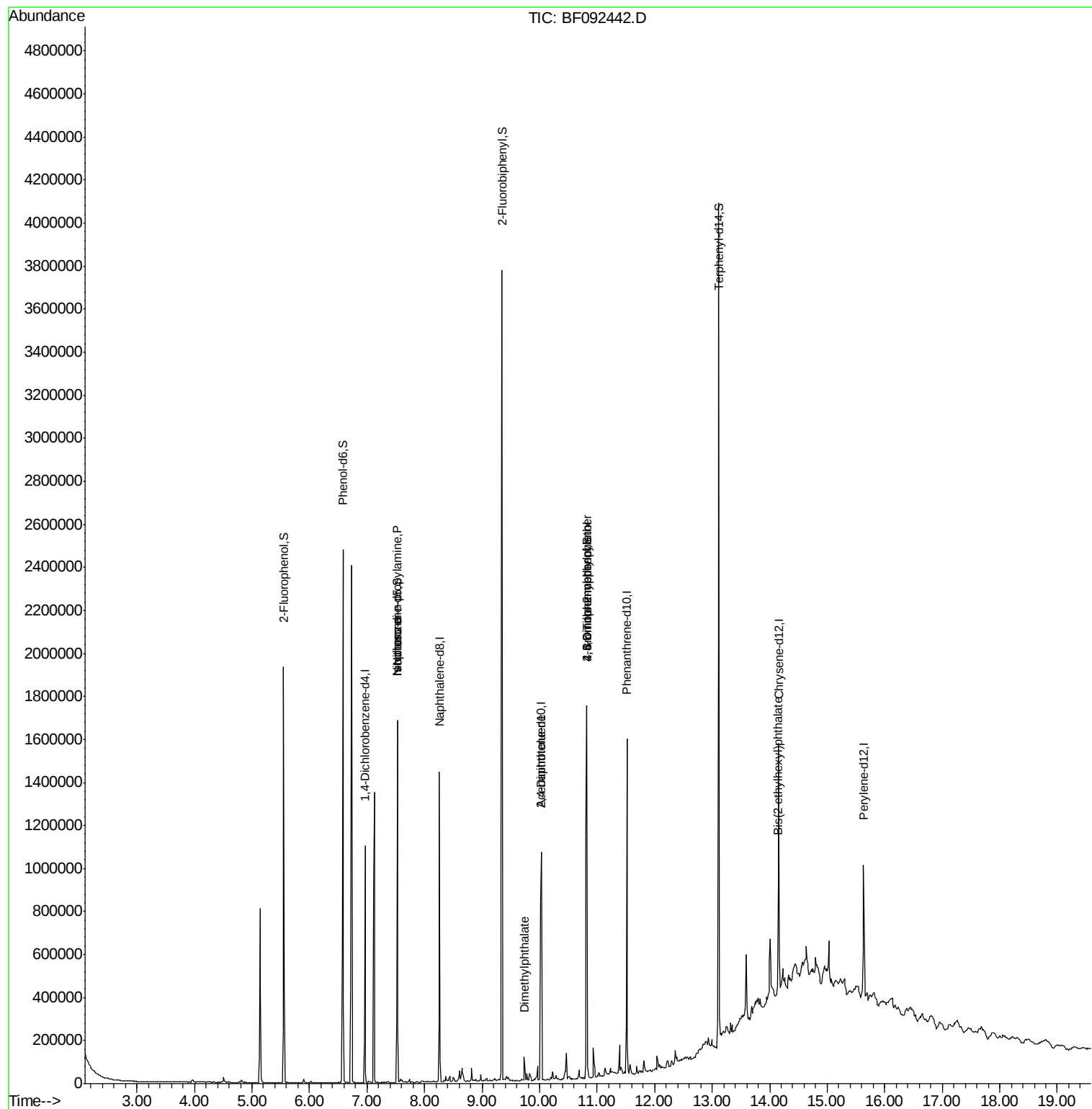
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	148415	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	594641	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	312029	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	512958	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	374117	20.00	ng	-0.01
86) Perylene-d12	15.63	264	296762	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	492618	51.64	ng	0.00
7) Phenol-d6	6.58	99	805699	66.31	ng	-0.01
23) Nitrobenzene-d5	7.53	82	503918	46.29	ng	-0.01
41) 2,4,6-Tribromophenol	10.82	330	226703	106.62	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1157876	68.62	ng	-0.01
78) Terphenyl-d14	13.12	244	1341066	95.45	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	68594	8.29	ng	# 85
25) Isophorone	7.53	82	442489	20.63	ng	# 65
49) Dimethylphthalate	9.73	163	48482	2.44	ng	# 97
56) 2,4-Dinitrotoluene	10.03	165	39601	7.36	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.82	198	638	5.16	ng	# 1
66) 4-Bromophenyl-phenylether	10.82	248	17375	3.35	ng	# 1
83) Bis(2-ethylhexyl)phthalate	14.15	149	90872	6.57	ng	95

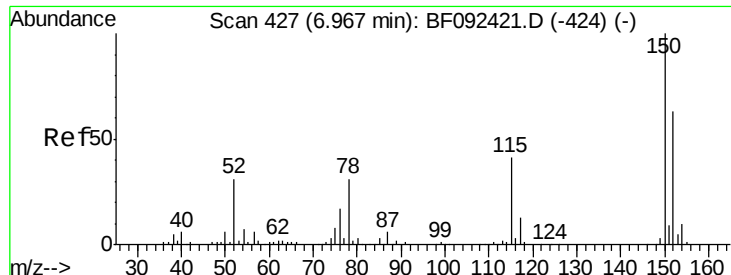
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 427

Delta R.T. 0.00 min

Lab File: BF092442.D

Acq: 24 Jan 2017 21:23

Instrument :

BNA_F

ClientSampleId :

BLDG-3-BLOCK-WALL-COMP

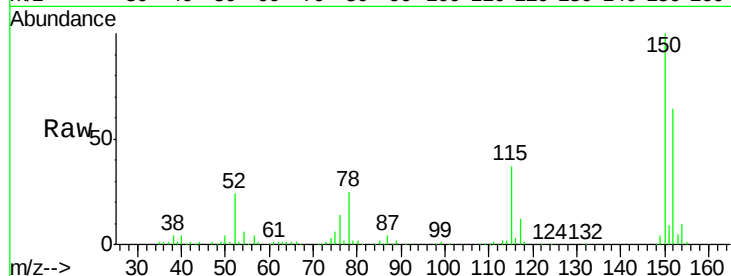
Tgt Ion:152 Resp: 148415

Ion Ratio Lower Upper

152 100

150 156.9 124.9 187.3

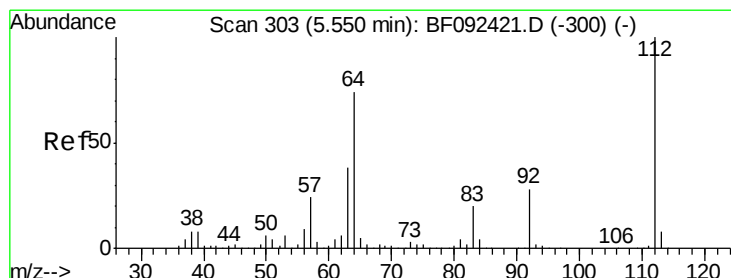
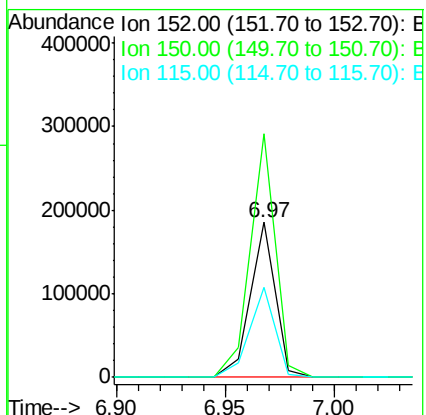
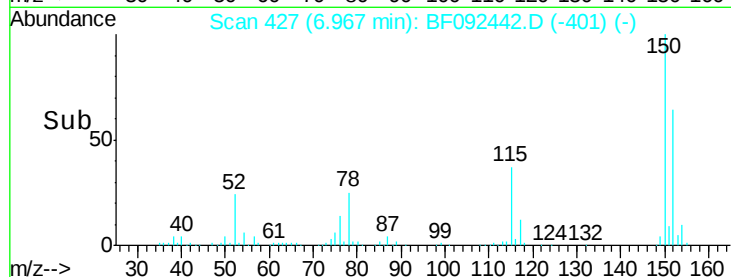
115 58.2 46.0 69.0



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: 51.64 ng

RT: 5.55 min Scan# 303

Delta R.T. 0.00 min

Lab File: BF092442.D

Acq: 24 Jan 2017 21:23

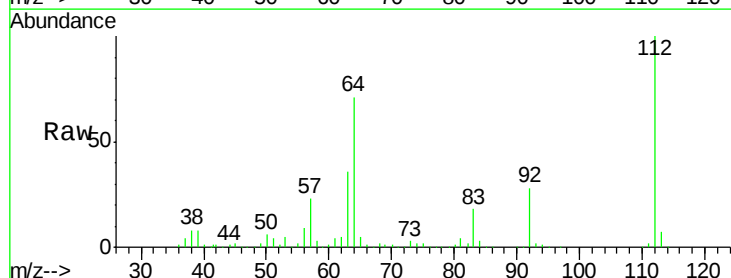
Tgt Ion:112 Resp: 492618

Ion Ratio Lower Upper

112 100

64 71.0 46.1 69.1#

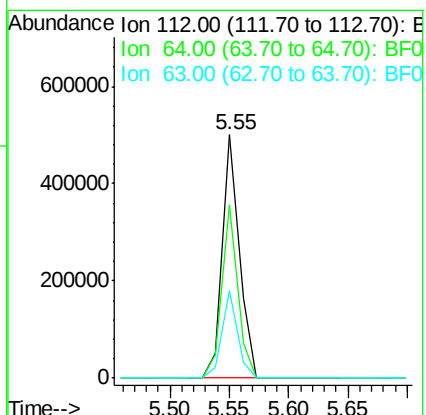
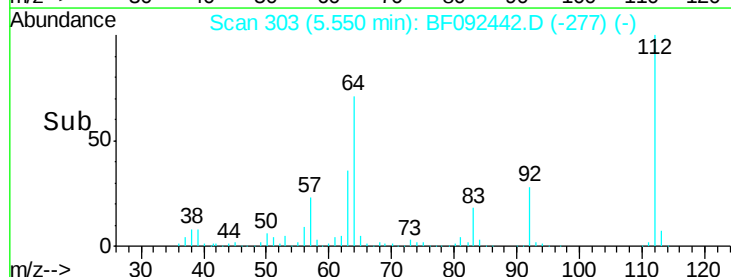
63 36.0 23.8 35.6#

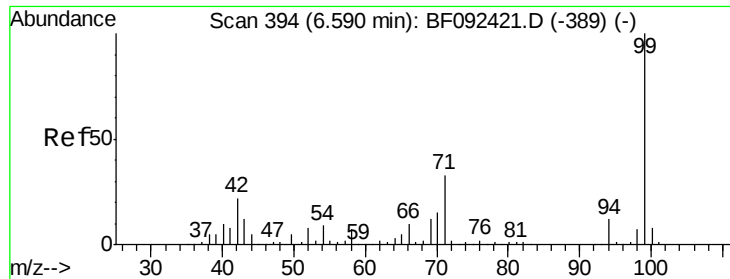


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 66.31 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.01 min

Lab File: BF092442.D

Acq: 24 Jan 2017 21:23

Instrument :

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BLDG-3-BLOCK-WALL-COMP

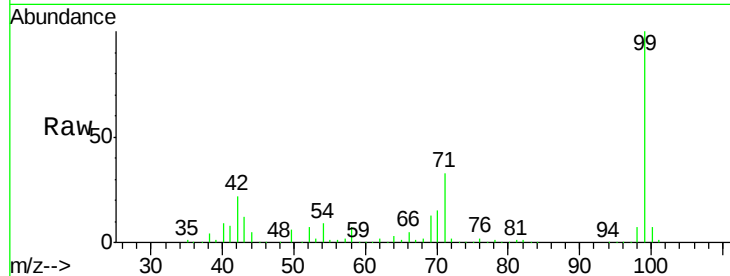
Tgt Ion: 99 Resp: 805699

Ion Ratio Lower Upper

99 100

42 22.4 15.6 23.4

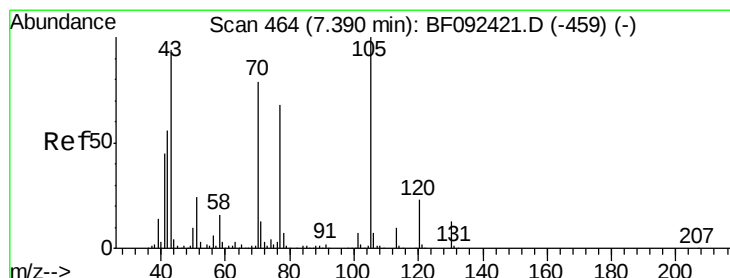
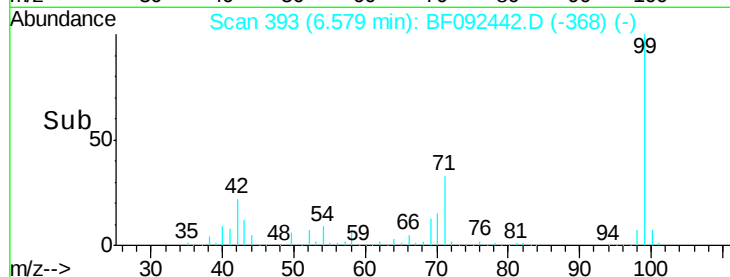
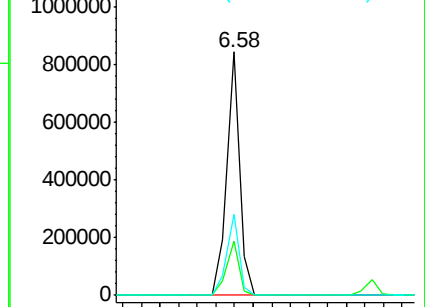
71 33.3 27.5 41.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 8.29 ng

RT: 7.53 min Scan# 476

Delta R.T. 0.14 min

Lab File: BF092442.D

Acq: 24 Jan 2017 21:23

Tgt Ion: 70 Resp: 68594

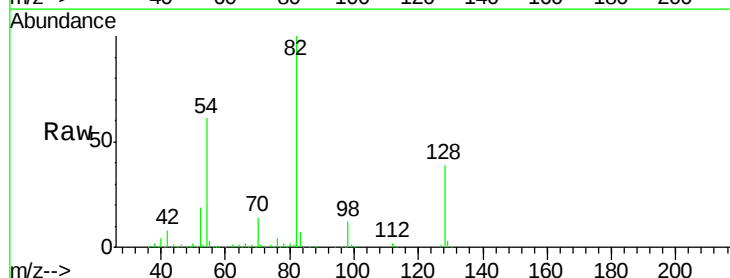
Ion Ratio Lower Upper

70 100

42 55.9 49.4 74.0

101 0.0 7.4 11.2#

130 1.9 14.2 21.4#

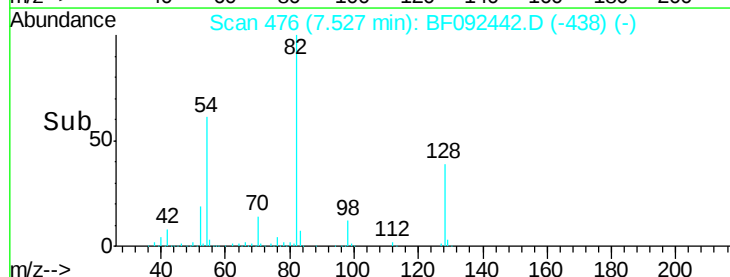
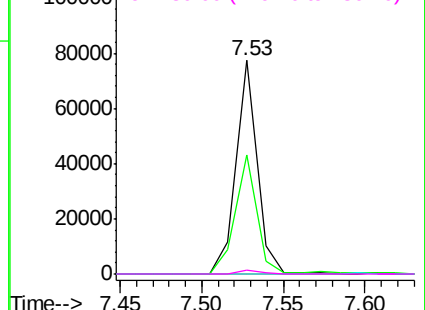


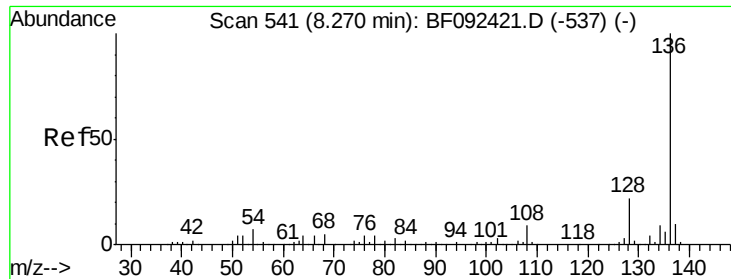
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

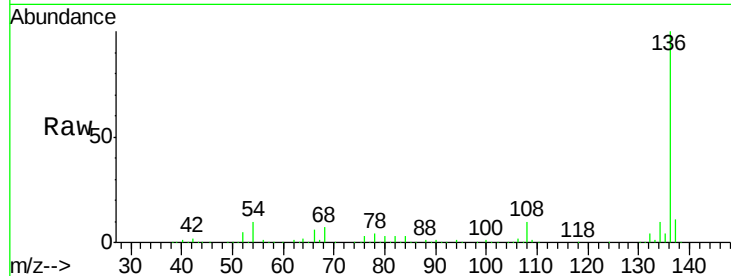




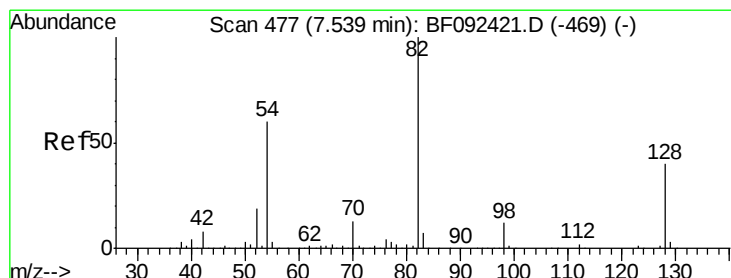
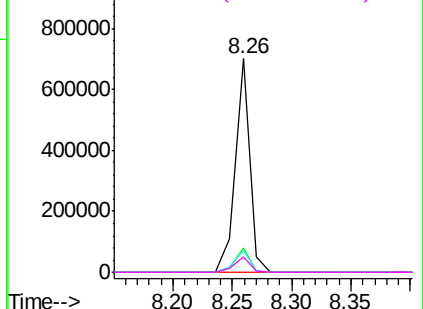
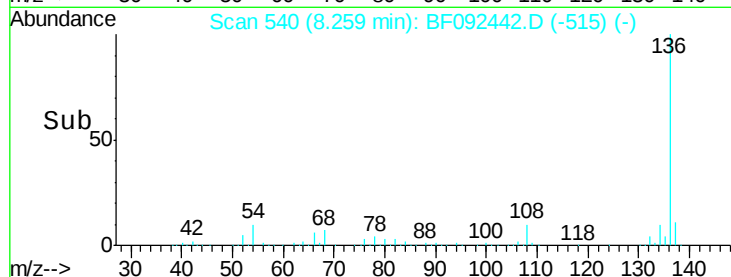
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF092442.D
Acq: 24 Jan 2017 21:23

Instrument :
BNA_F
ClientSampleId :
BLDG-3-BLOCK-WALL-COMP

Tgt Ion:	136	Resp:	594641
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	10.1	4.5	6.7#
68	7.0	3.6	5.4#

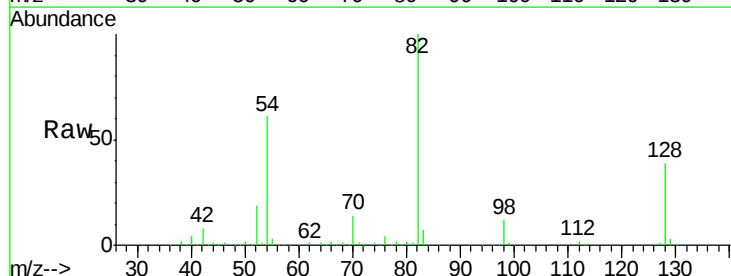


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

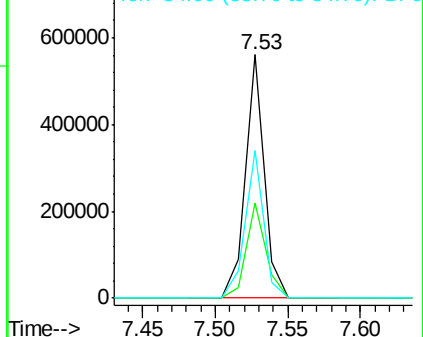
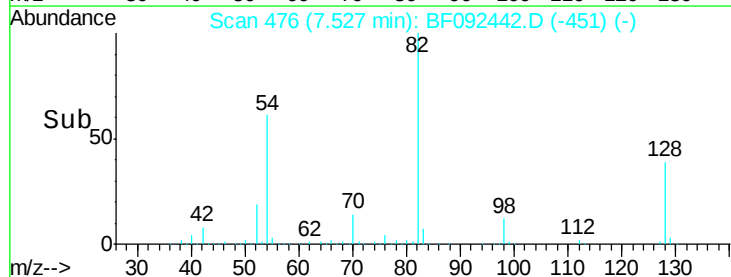


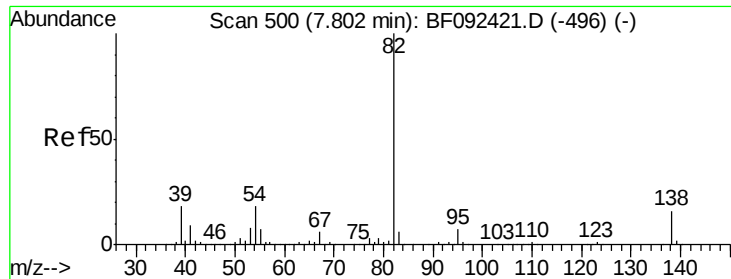
#23
Nitrobenzene-d5
Concen: 46.29 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF092442.D
Acq: 24 Jan 2017 21:23

Tgt Ion:	82	Resp:	503918
Ion	Ratio	Lower	Upper
82	100		
128	38.9	34.6	52.0
54	60.7	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





#25

Isophorone

Concen: 20.63 ng

RT: 7.53 min Scan# 476

Delta R.T. -0.27 min

Lab File: BF092442.D

Acq: 24 Jan 2017 21:23

Instrument :

BNA_F

ClientSampleId :

BLDG-3-BLOCK-WALL-COMP

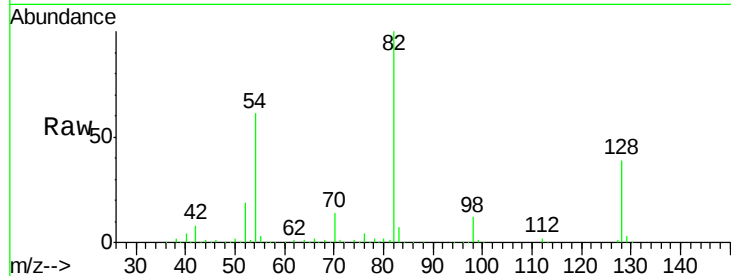
Tgt Ion: 82 Resp: 442489

Ion Ratio Lower Upper

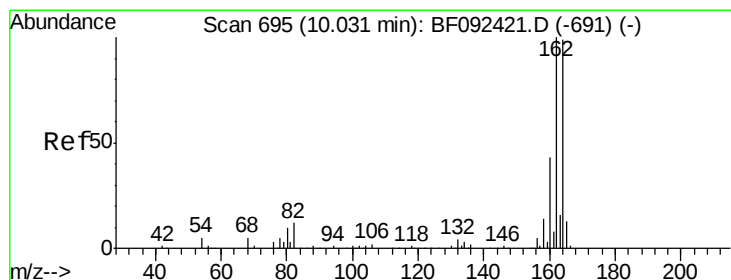
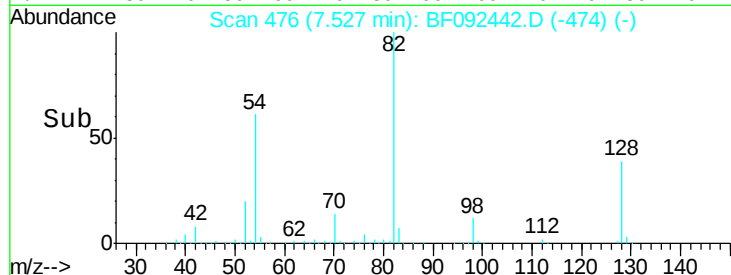
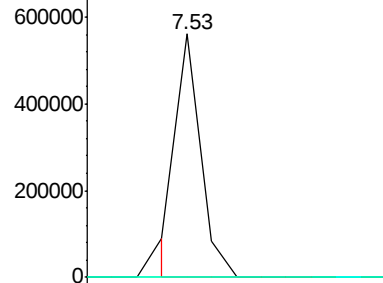
82 100

95 0.0 5.6 8.4#

138 0.0 14.6 22.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.03 min Scan# 695

Delta R.T. 0.00 min

Lab File: BF092442.D

Acq: 24 Jan 2017 21:23

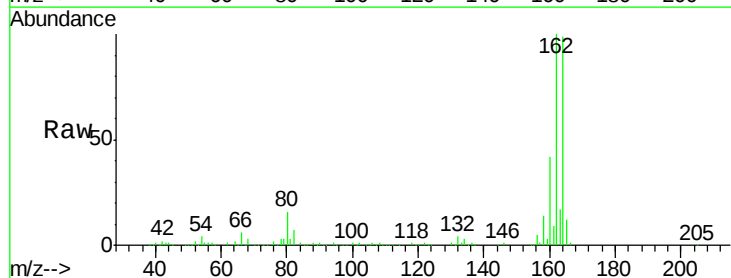
Tgt Ion: 164 Resp: 312029

Ion Ratio Lower Upper

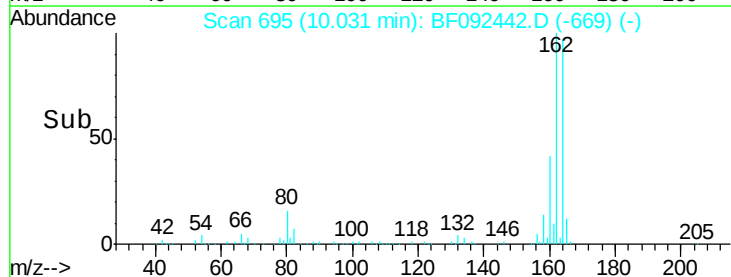
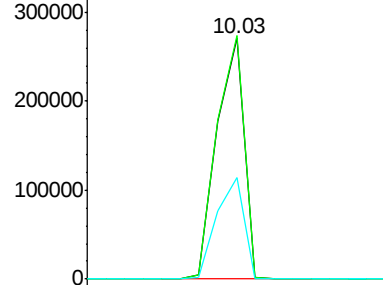
164 100

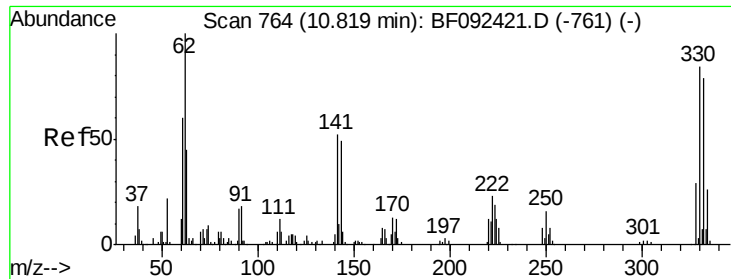
162 101.1 80.2 120.2

160 42.3 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

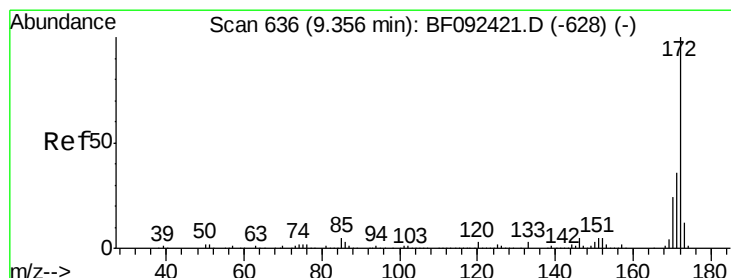
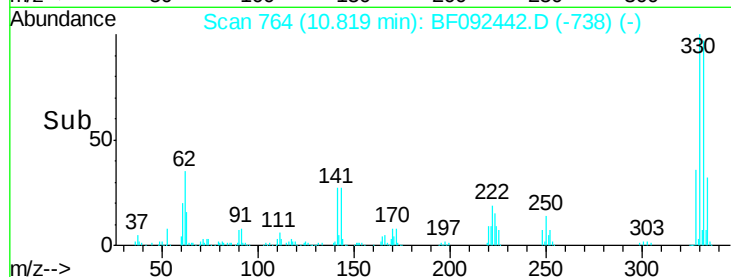
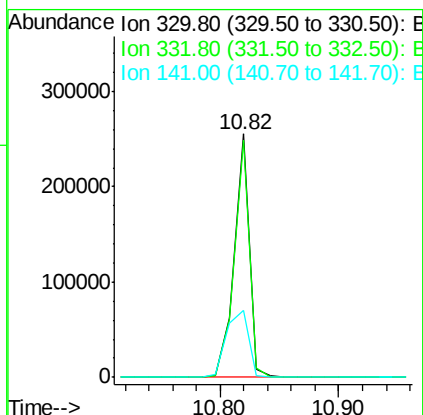
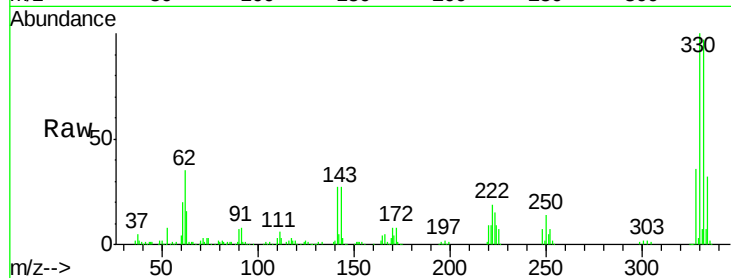




#41
 2,4,6-Tribromophenol
 Concen: 106.62 ng
 RT: 10.82 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: BF092442.D
 Acq: 24 Jan 2017 21:23

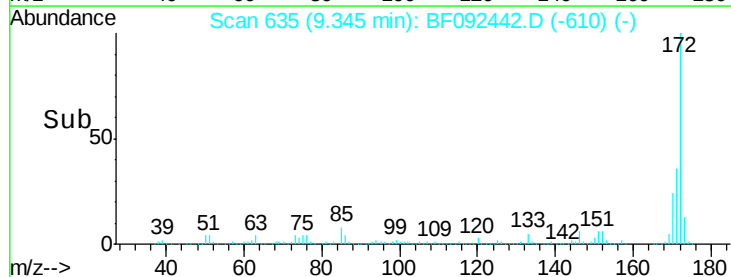
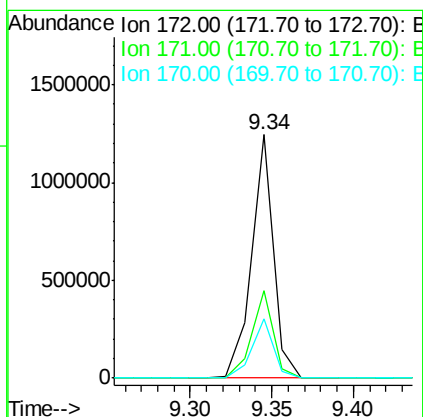
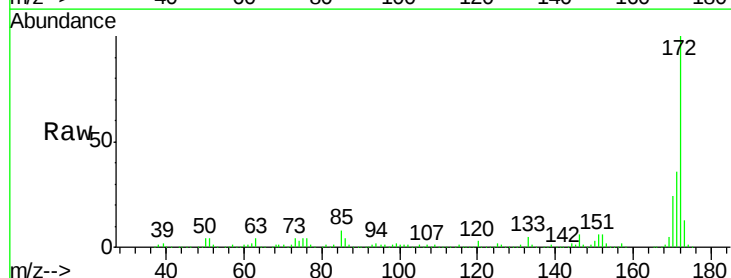
Instrument :
 BNA_F
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 BLDG-3-BLOCK-WALL-COMP

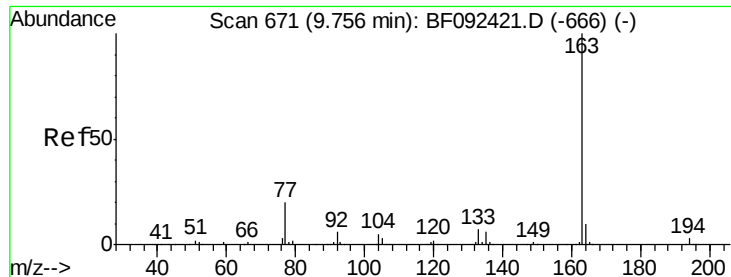
Tgt Ion:330 Resp: 226703
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.4 116.2
 141 40.1 34.1 51.1



#44
 2-Fluorobiphenyl
 Concen: 68.62 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092442.D
 Acq: 24 Jan 2017 21:23

Tgt Ion:172 Resp: 1157876
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.0
 170 24.3 20.2 30.4

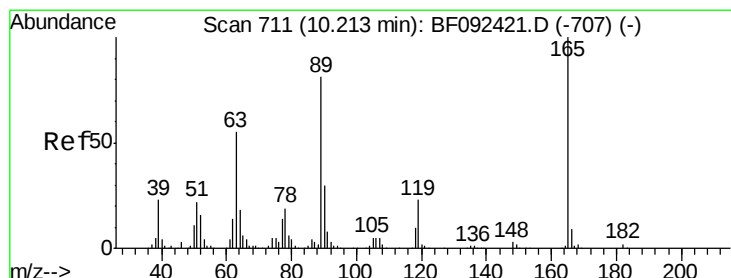
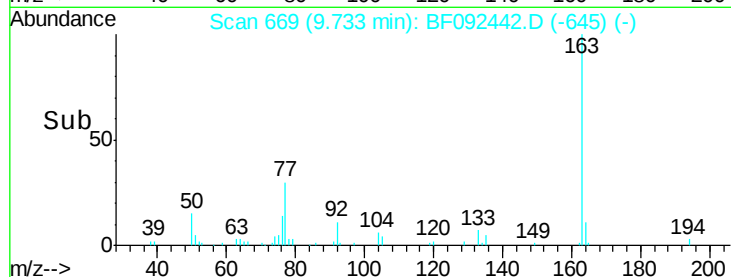
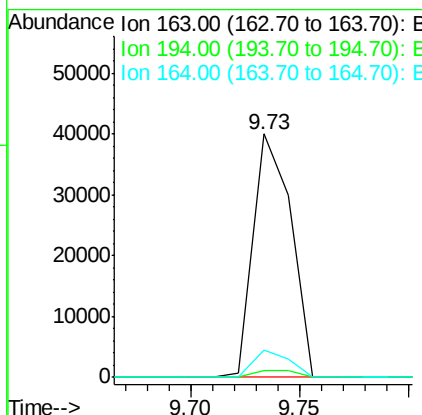
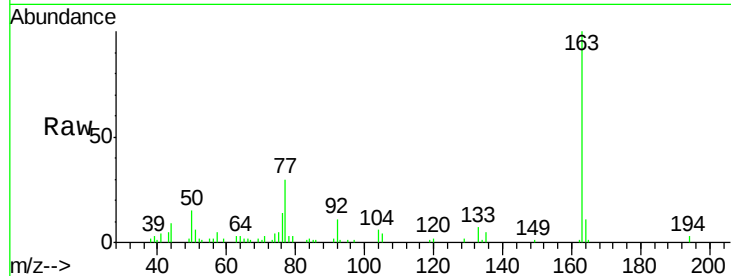




#49
Dimethylphthalate
Concen: 2.44 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.02 min
Lab File: BF092442.D
Acq: 24 Jan 2017 21:23

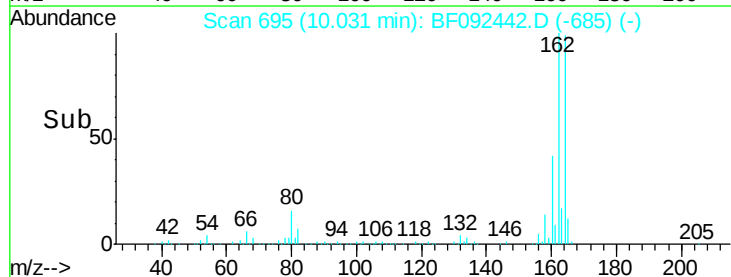
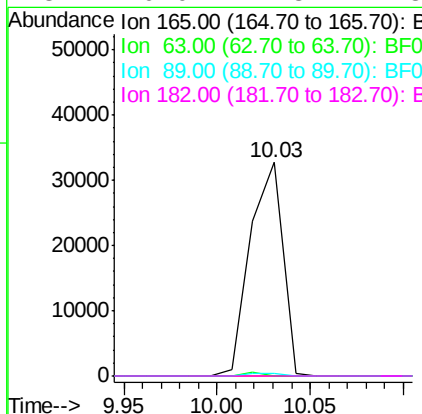
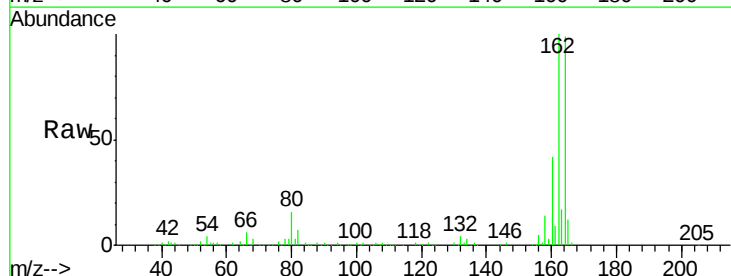
Instrument :
BNA_F
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BLDG-3-BLOCK-WALL-COMP

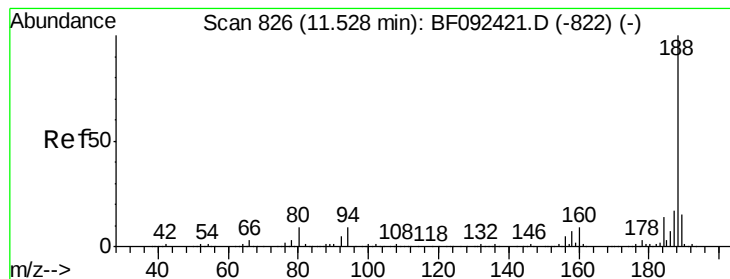
Tgt Ion:163 Resp: 48482
Ion Ratio Lower Upper
163 100
194 2.9 3.0 4.4#
164 11.1 8.0 12.0



#56
2,4-Dinitrotoluene
Concen: 7.36 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.18 min
Lab File: BF092442.D
Acq: 24 Jan 2017 21:23

Tgt Ion:165 Resp: 39601
Ion Ratio Lower Upper
165 100
63 0.0 40.2 60.4#
89 1.0 62.5 93.7#
182 0.0 1.8 2.8#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.52 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF092442.D

Acq: 24 Jan 2017 21:23

Instrument :

BNA_F

ClientSampleId :

BLDG-3-BLOCK-WALL-COMP

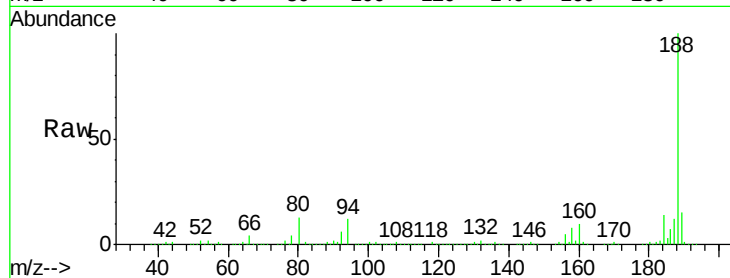
Tgt Ion:188 Resp: 512958

Ion Ratio Lower Upper

188 100

94 11.7 10.0 15.0

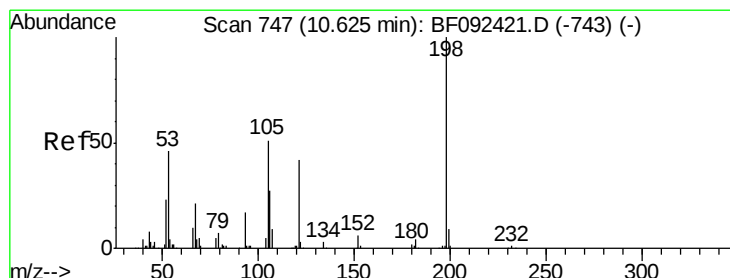
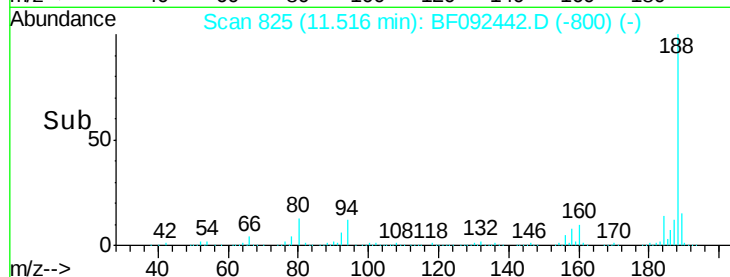
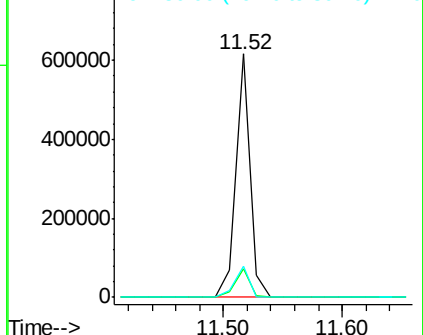
80 12.7 11.2 16.8



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



#64

4,6-Dinitro-2-methylphenol

Concen: 5.16 ng

RT: 10.82 min Scan# 764

Delta R.T. 0.20 min

Lab File: BF092442.D

Acq: 24 Jan 2017 21:23

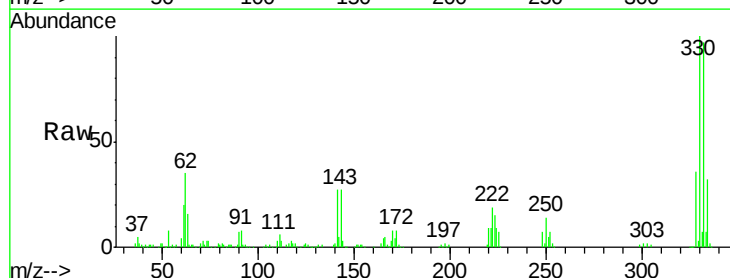
Tgt Ion:198 Resp: 638

Ion Ratio Lower Upper

198 100

51 180.3 6.7 46.7#

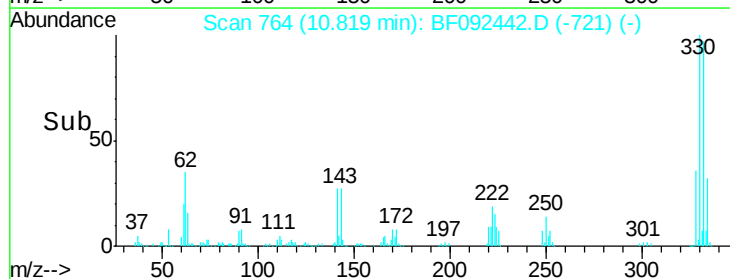
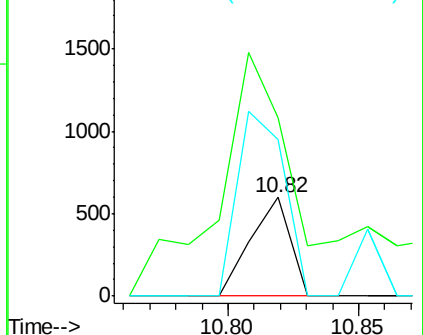
105 158.6 16.6 56.6#

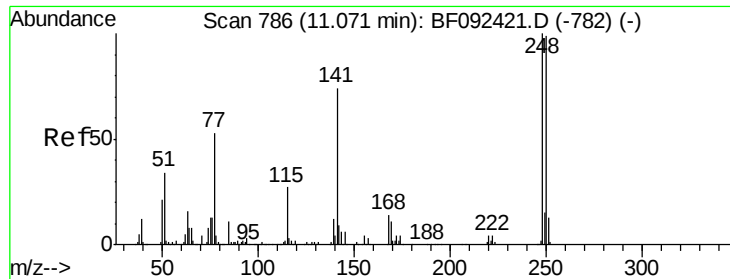


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

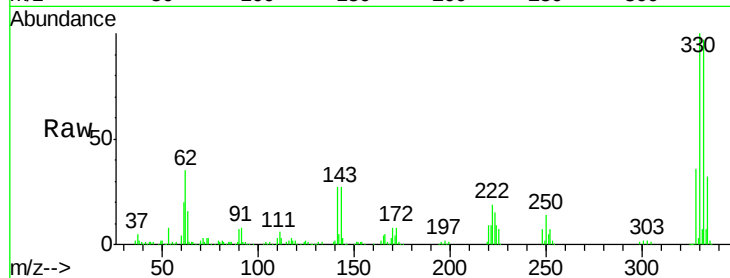




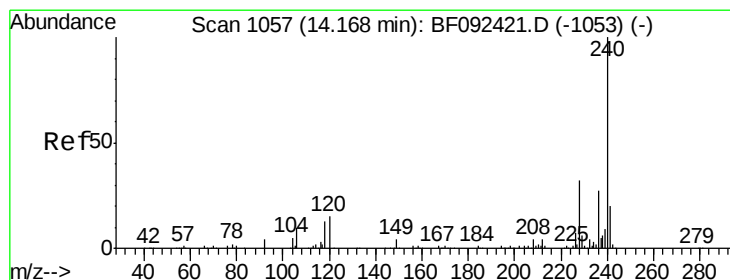
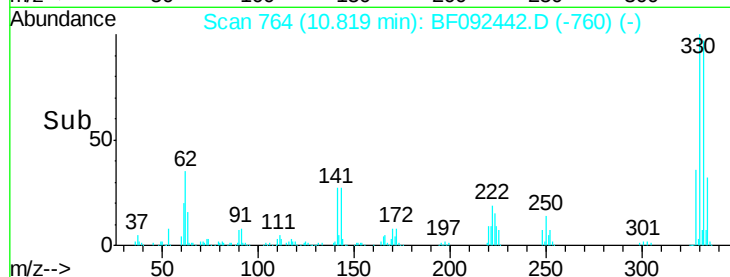
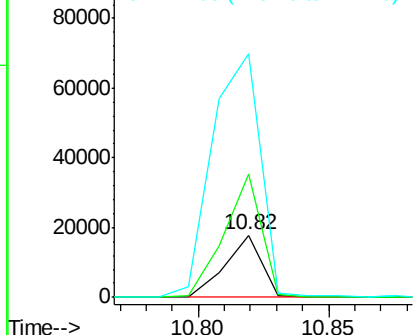
#66
 4-Bromophenyl-phenylether
 Concen: 3.35 ng
 RT: 10.82 min Scan# 764
 Delta R.T. -0.25 min
 Lab File: BF092442.D
 Acq: 24 Jan 2017 21:23

Instrument :
 BNA_F
 ClientSampleId :
 BLDG-3-BLOCK-WALL-COMP

Tgt Ion:248 Resp: 17375
 Ion Ratio Lower Upper
 248 100
 250 199.1 76.9 115.3#
 141 391.4 68.2 102.4#

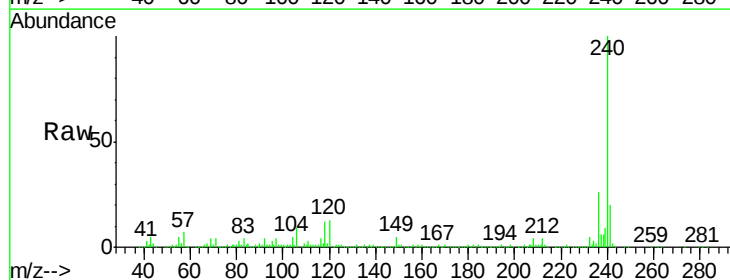


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

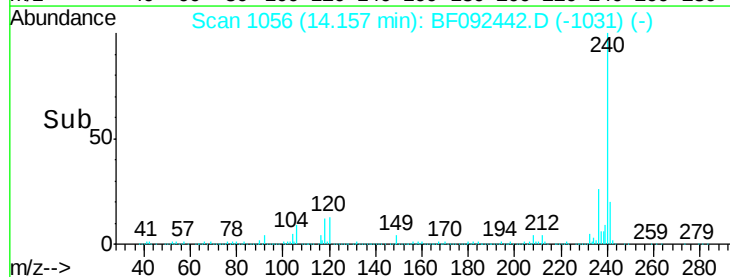
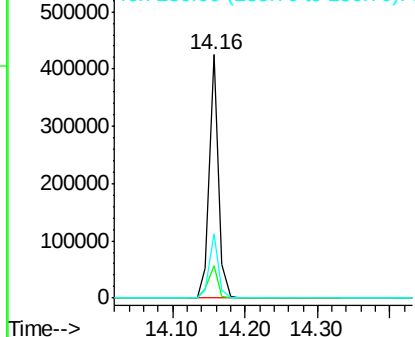


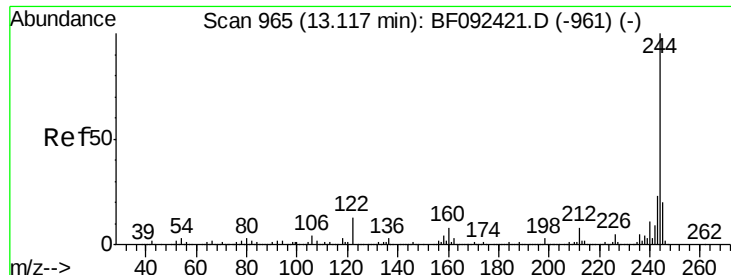
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.16 min Scan# 1056
 Delta R.T. -0.01 min
 Lab File: BF092442.D
 Acq: 24 Jan 2017 21:23

Tgt Ion:240 Resp: 374117
 Ion Ratio Lower Upper
 240 100
 120 13.5 12.9 19.3
 236 26.5 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: 95.45 ng

RT: 13.12 min Scan# 965

Delta R.T. 0.00 min

Lab File: BF092442.D

Acq: 24 Jan 2017 21:23

Instrument :

BNA_F

ClientSampleId :

BLDG-3-BLOCK-WALL-COMP

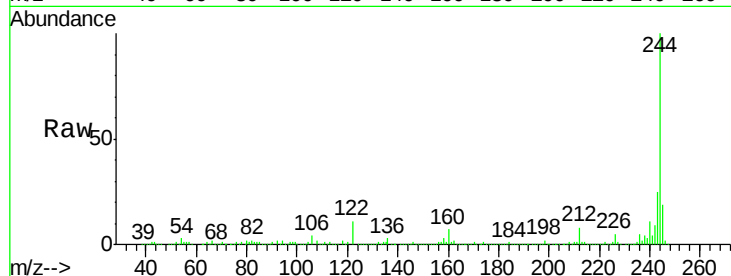
Tgt Ion:244 Resp: 1341066

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

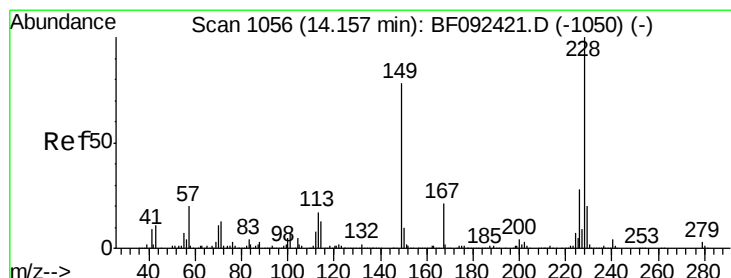
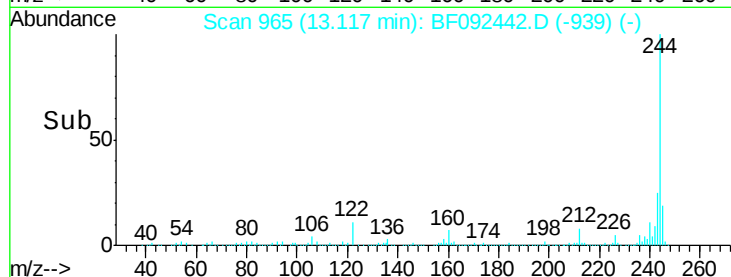
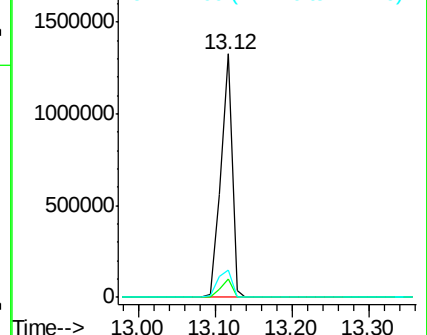
122 11.3 11.4 17.2#



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: 6.57 ng

RT: 14.15 min Scan# 1055

Delta R.T. -0.01 min

Lab File: BF092442.D

Acq: 24 Jan 2017 21:23

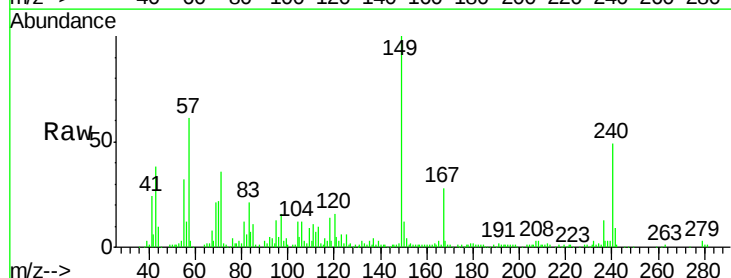
Tgt Ion:149 Resp: 90872

Ion Ratio Lower Upper

149 100

167 27.8 20.2 30.4

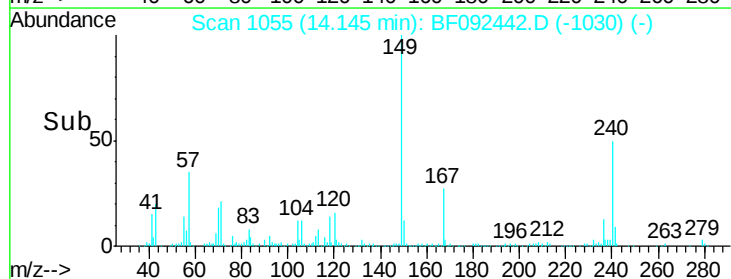
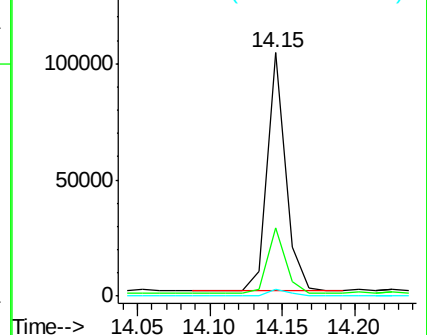
279 2.6 1.8 2.8

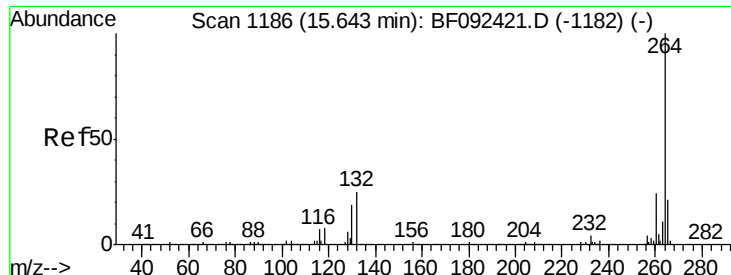


Abundance Ion 149.00 (148.70 to 149.70): E

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: 15.63 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF092442.D
Acq: 24 Jan 2017 21:23

Instrument :
BNA_F
ClientSampleId :
BLDG-3-BLOCK-WALL-COMP

Tgt Ion: 264 Resp: 296762
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 22.1 17.4 26.0

