

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
 Data File : BF097762.D
 Acq On : 17 Aug 2017 2:39
 Operator : SJ/JU
 Sample : I4794-05
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FACADE-BRICK-WALL

Quant Time: Aug 17 07:32:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

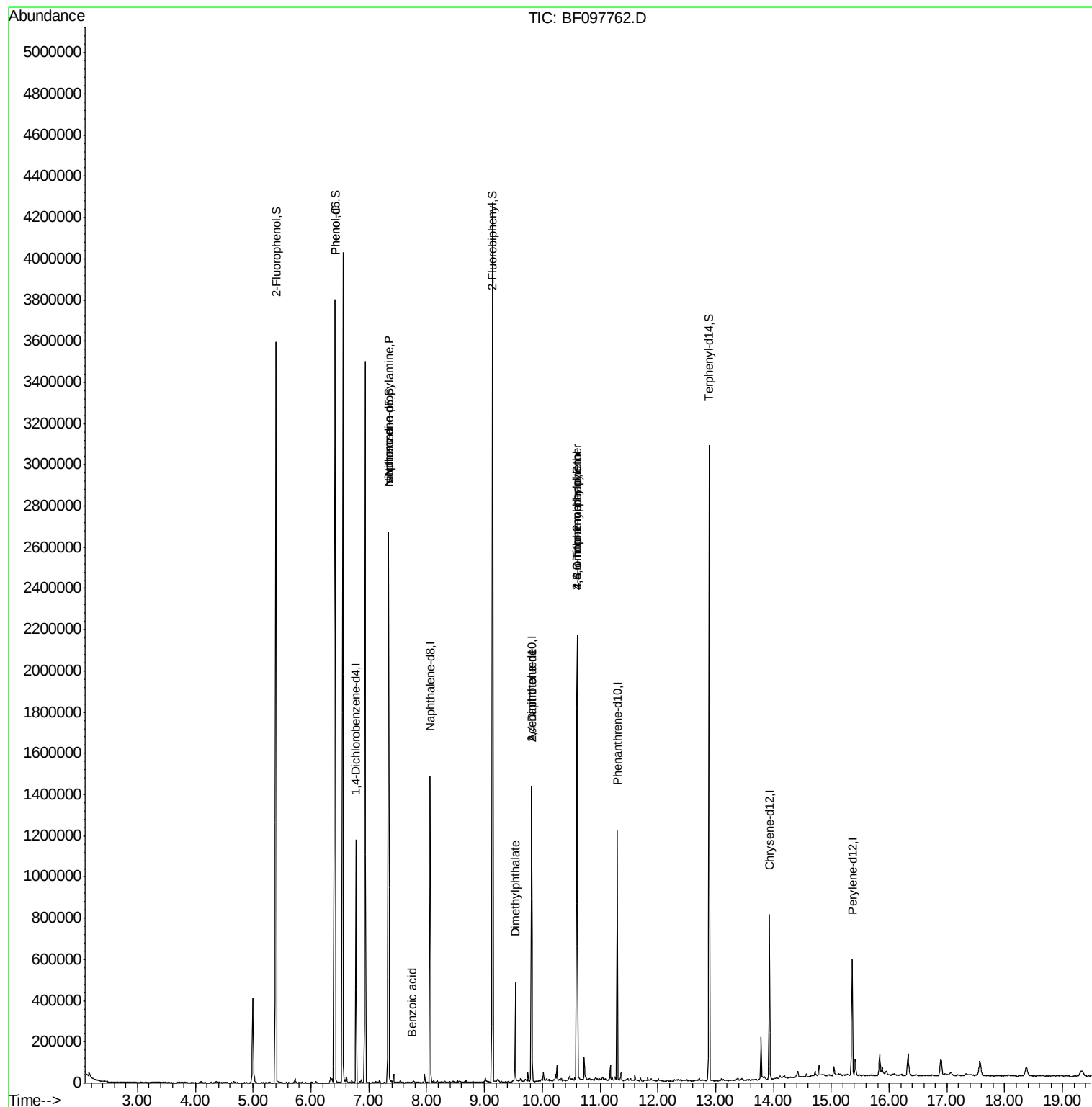
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	149794	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	575642	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	240973	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	379560	20.00	ng	0.00
75) Chrysene-d12	13.93	240	271341	20.00	ng	-0.01
86) Perylene-d12	15.36	264	233011	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1192654	121.11	ng	0.01
7) Phenol-d6	6.42	99	1622759	121.28	ng	0.00
23) Nitrobenzene-d5	7.35	82	1009237	95.24	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	243237	116.33	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1489235	90.80	ng	0.00
78) Terphenyl-d14	12.89	244	882517	67.82	ng	0.00
Target Compounds						
10) Phenol	6.42	94	35844	2.29	ng	# 64
19) n-Nitroso-di-n-propylamine	7.35	70	135263	14.77	ng	# 71
25) Isophorone	7.35	82	1006303	45.67	ng	# 67
32) Benzoic acid	7.75	122	192	6.43	ng	# 75
49) Dimethylphthalate	9.53	163	153626	8.72	ng	99
56) 2,4-Dinitrotoluene	9.82	165	30829	6.99	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.60	198	476	8.54	ng	# 1
66) 4-Bromophenyl-phenylether	10.60	248	16140	4.09	ng	# 1

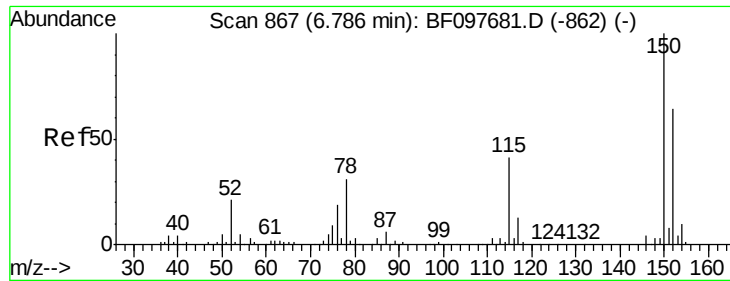
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 798

Delta R.T. -0.01 min

Lab File: BF097762.D

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Instrument :

BNA_F

ClientSampleId :

FACADE-BRICK-WALL

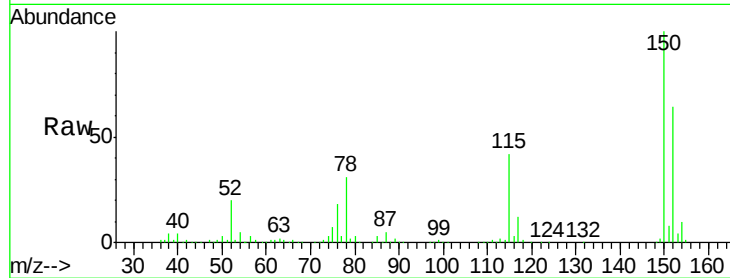
Tot Ion:152 Resp: 149794

Ion Ratio Lower Upper

152 100

150 157.0 126.2 189.2

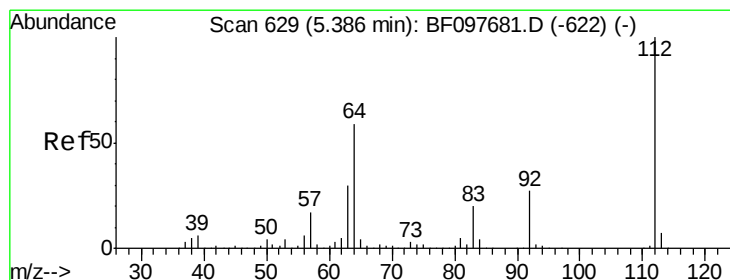
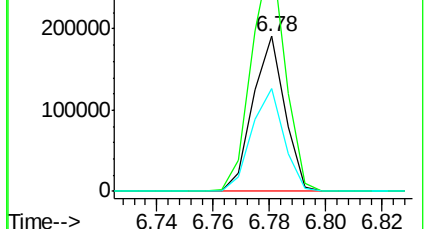
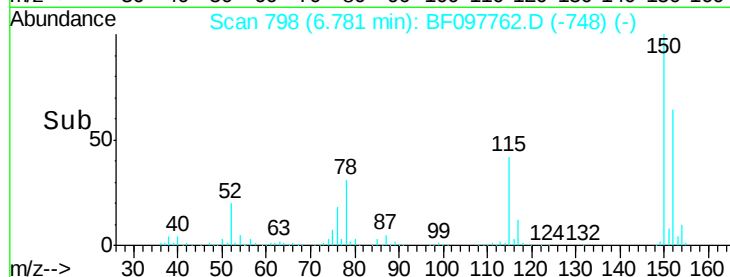
115 66.0 52.2 78.2



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: 121.11 ng

RT: 5.40 min Scan# 563

Delta R.T. 0.01 min

Lab File: BF097762.D

Acq: 17 Aug 2017 2:39

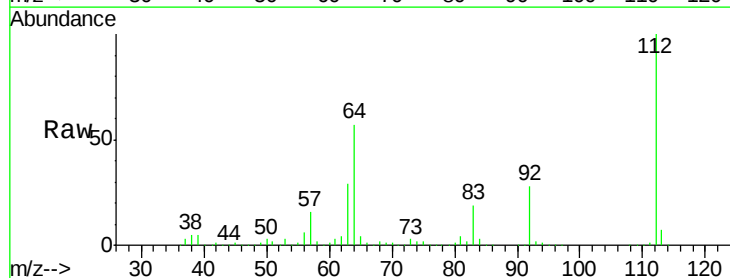
Tgt Ion:112 Resp: 1192654

Ion Ratio Lower Upper

112 100

64 57.1 46.0 69.0

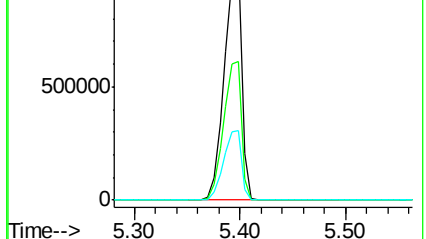
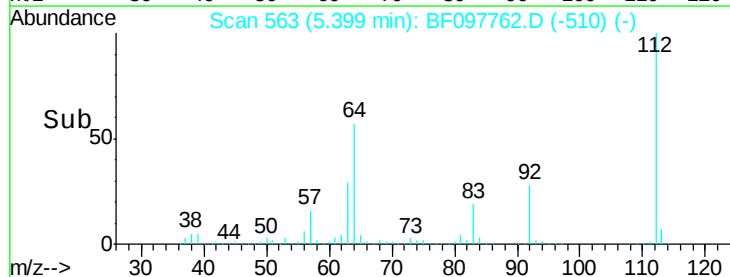
63 28.8 23.4 35.0

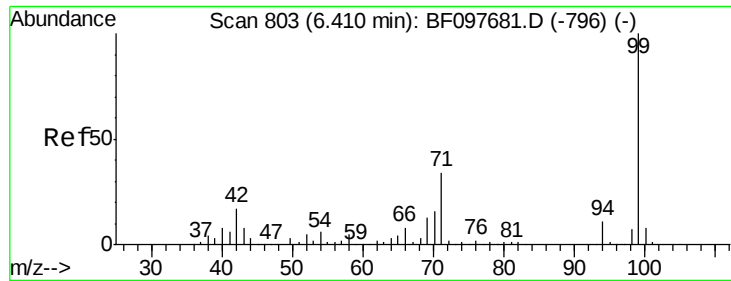


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 121.28 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF097762.D

Acq: 17 Aug 2017 2:39

Instrument :

BNA_F

ClientSampleId :

FACADE-BRICK-WALL

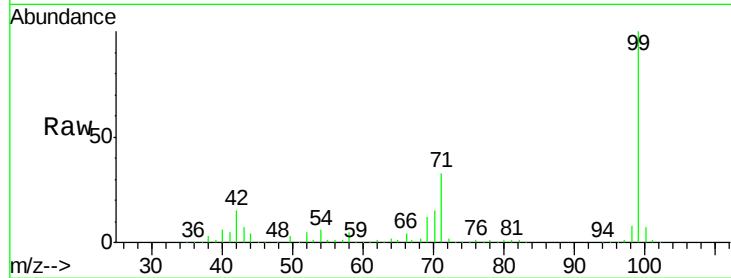
Tot Ion: 99 Resp: 1622759

Ion	Ratio	Lower	Upper
99	100		
42	15.0	13.5	20.3
71	32.6	24.5	36.7

99 100

42 15.0 13.5 20.3

71 32.6 24.5 36.7

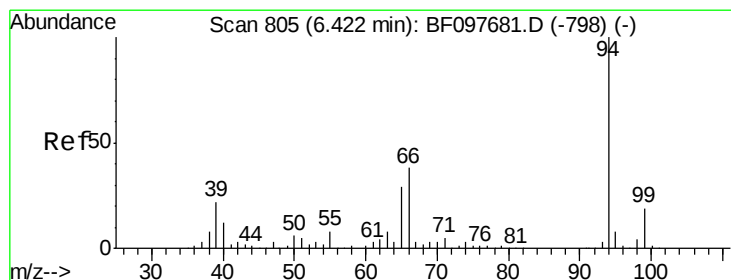
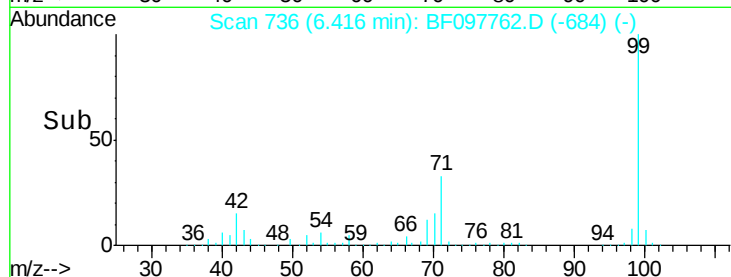
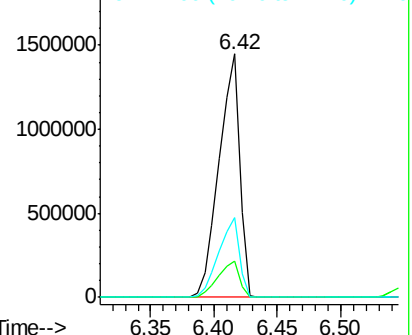


Abundance

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: 2.29 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF097762.D

Acq: 17 Aug 2017 2:39

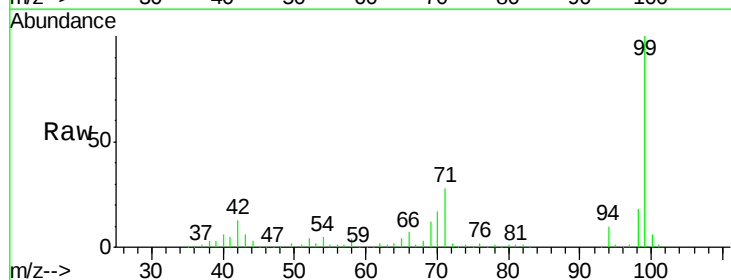
Tgt Ion: 94 Resp: 35844

Ion	Ratio	Lower	Upper
94	100		
65	37.7	9.9	49.9
66	75.7	23.1	63.1

94 100

65 37.7 9.9 49.9

66 75.7 23.1 63.1

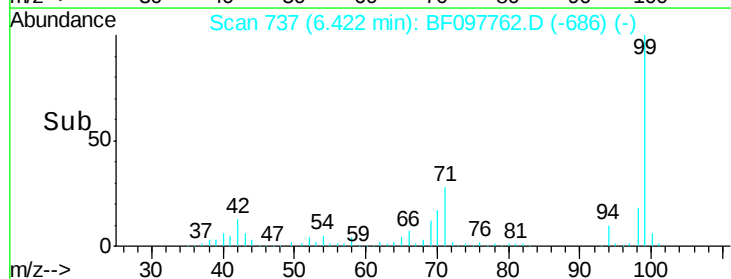
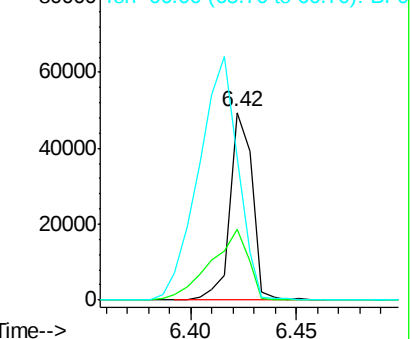


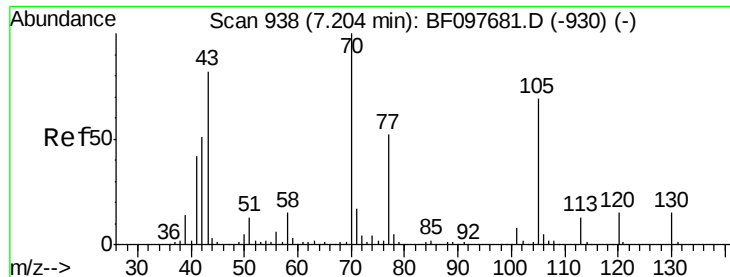
Abundance

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

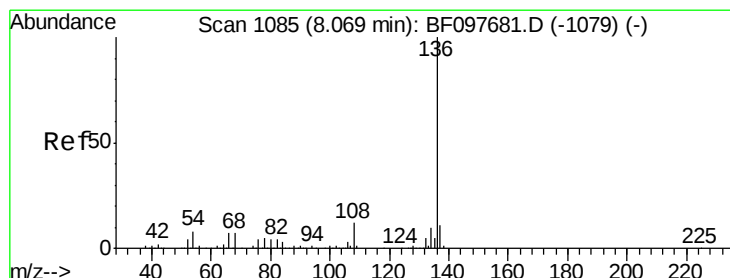
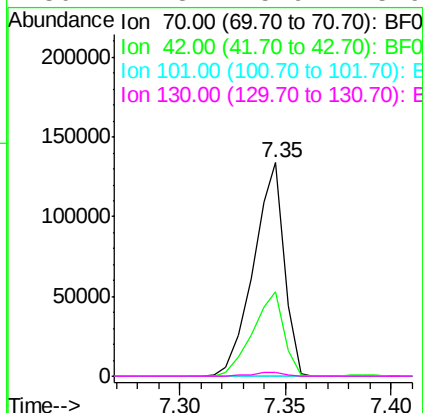
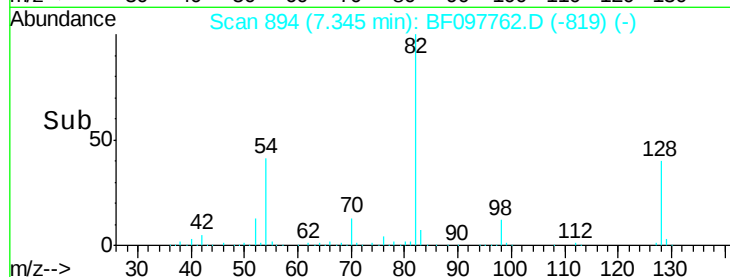
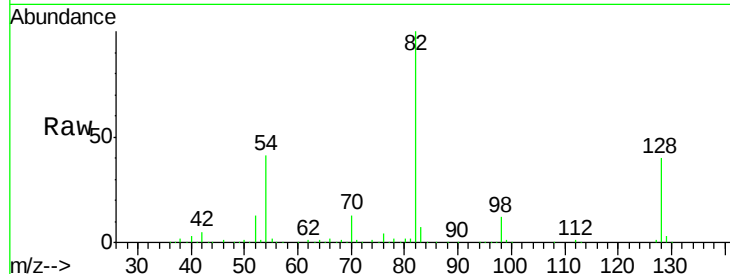




#19
n-Nitroso-di-n-propylamine
Concen: 14.77 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.14 min
Lab File: BF097762.D
Acq: 17 Aug 2017 2:39

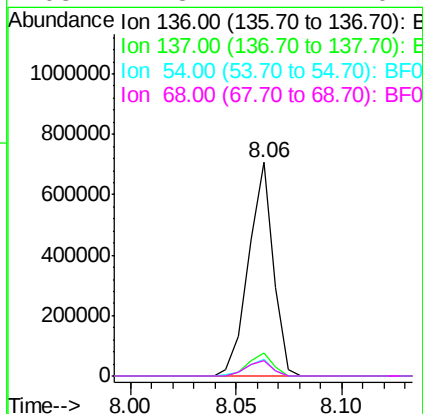
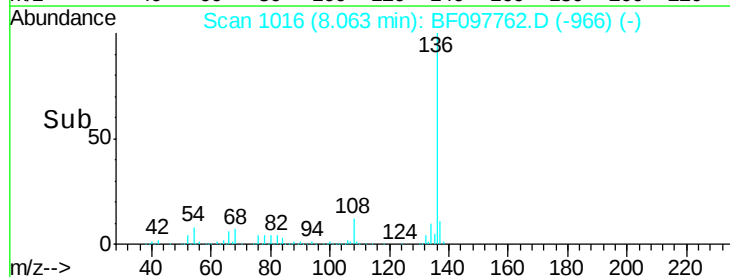
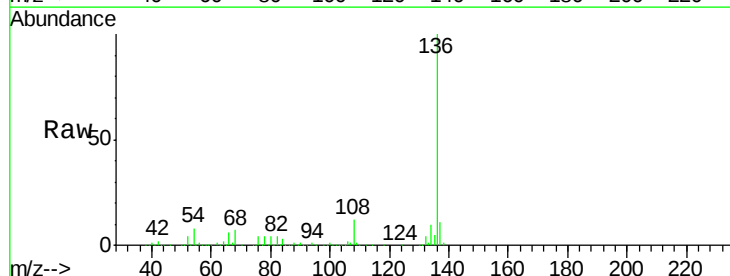
Instrument :
BNA_F
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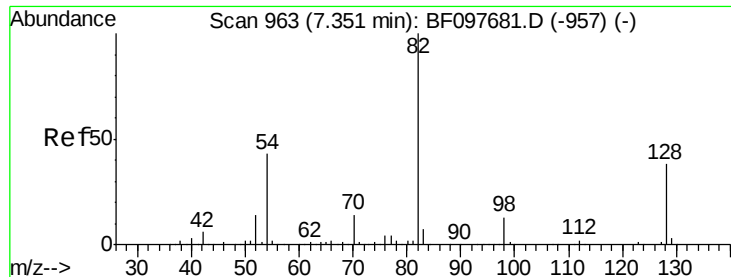
Tot Ion: 70 Resp: 135263
Ion Ratio Lower Upper
70 100
42 39.9 47.2 70.8#
101 0.0 7.2 10.8#
130 1.8 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF097762.D
Acq: 17 Aug 2017 2:39

Tgt Ion: 136 Resp: 575642
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 7.7 4.9 7.3#
68 7.3 4.1 6.1#

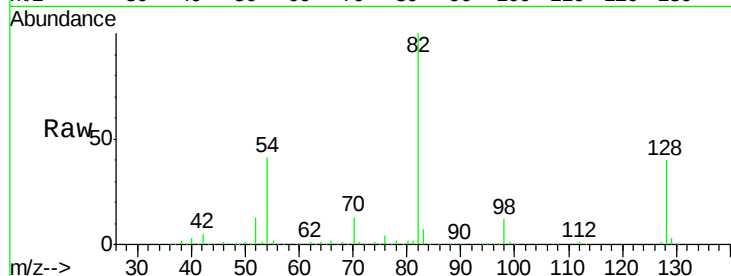




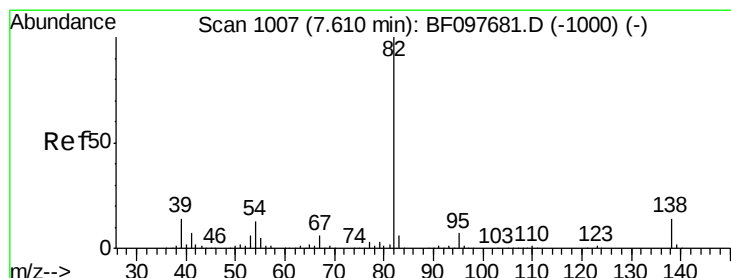
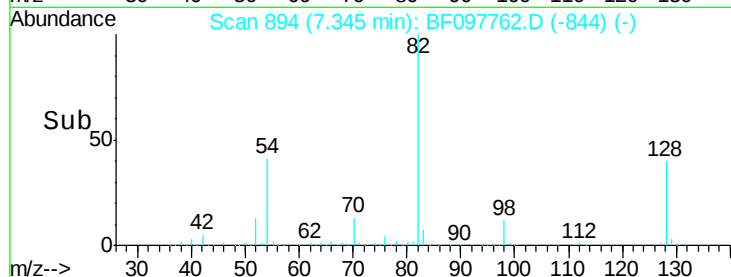
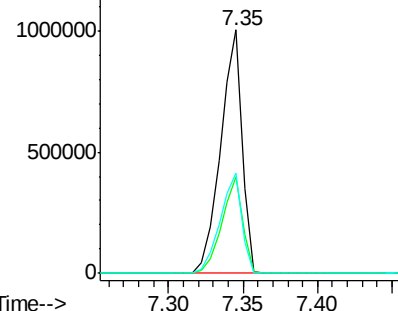
#23
Nitrobenzene-d5
Concen: 95.24 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF097762.D
Acq: 17 Aug 2017 2:39

Instrument :
BNA_F
ClientSampleId :
FACADE-BRICK-WALL

Tot Ion: 82 Resp: 1009237
Ion Ratio Lower Upper
82 100
128 39.5 34.0 51.0
54 41.2 42.2 63.2#

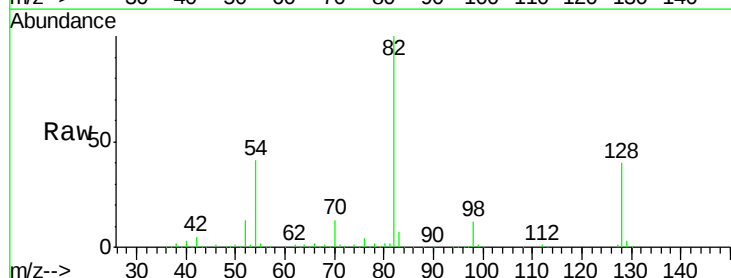


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

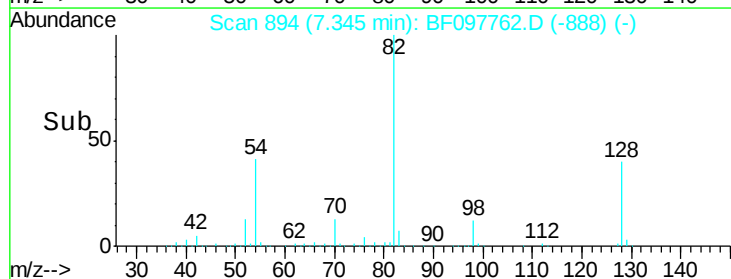
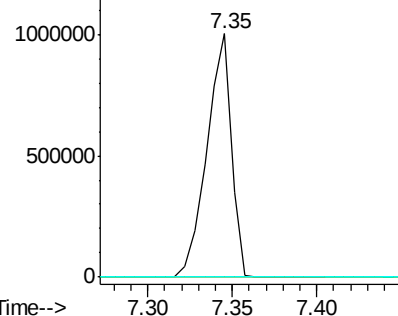


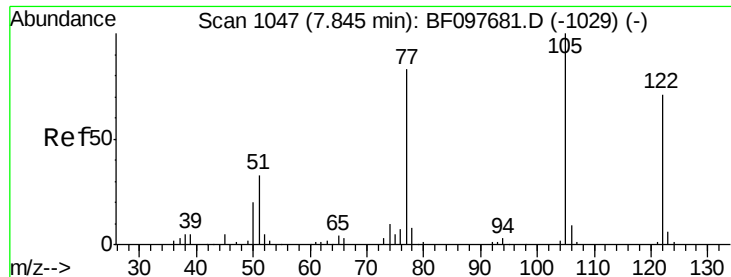
#25
Isophorone
Concen: 45.67 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.26 min
Lab File: BF097762.D
Acq: 17 Aug 2017 2:39

Tgt Ion: 82 Resp: 1006303
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#



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): BF0

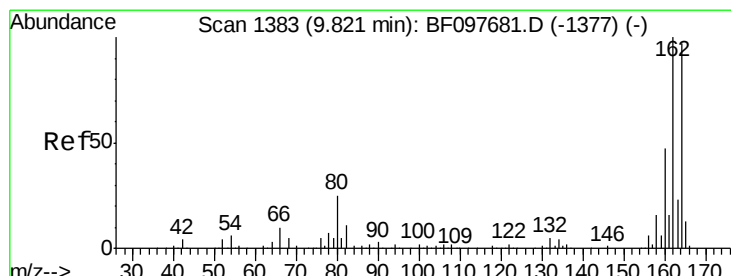
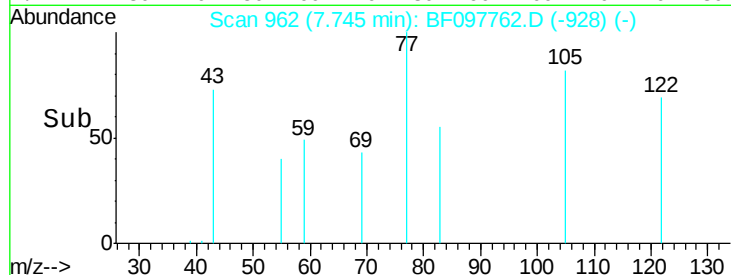
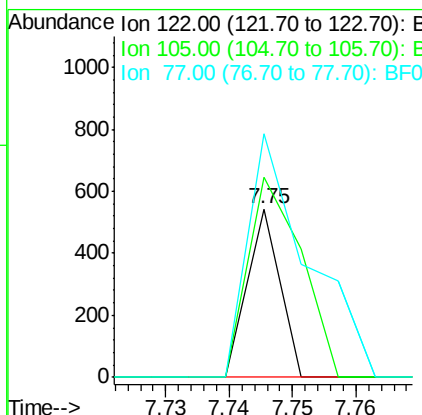
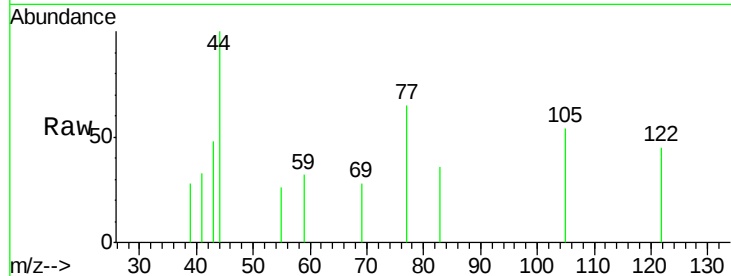




#32
Benzoic acid
Concen: 6.43 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.10 min
Lab File: BF097762.D
Acq: 17 Aug 2017 2:39

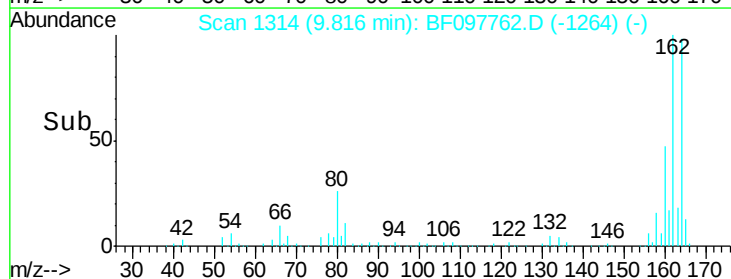
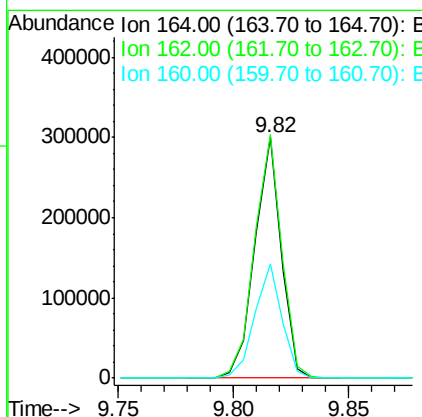
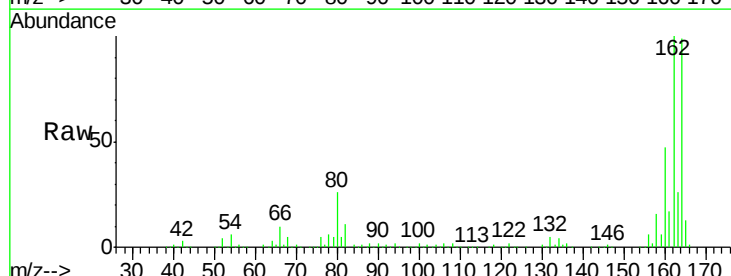
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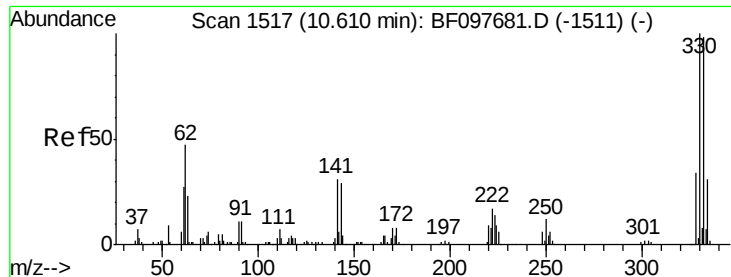
Tot Ion:122 Resp: 192
Ion Ratio Lower Upper
122 100
105 118.8 103.3 143.3
77 144.5 73.7 113.7#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF097762.D
Acq: 17 Aug 2017 2:39

Tgt Ion:164 Resp: 240973
Ion Ratio Lower Upper
164 100
162 101.0 82.6 123.8
160 47.3 36.2 54.2





#41

2,4,6-Tribromophenol

Concen: 116.33 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BF097762.D

Acq: 17 Aug 2017 2:39

Instrument :

BNA_F

ClientSampleId :

FACADE-BRICK-WALL

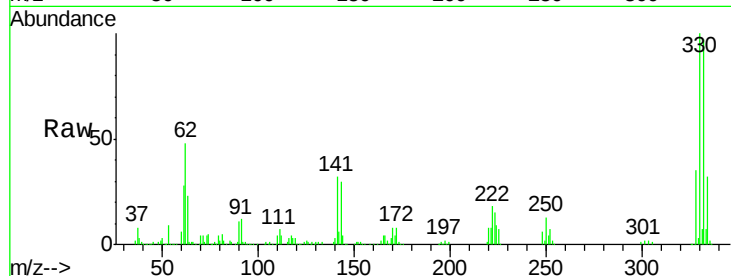
Tot Ion:330 Resp: 243237

Ion Ratio Lower Upper

330 100

332 95.6 76.6 115.0

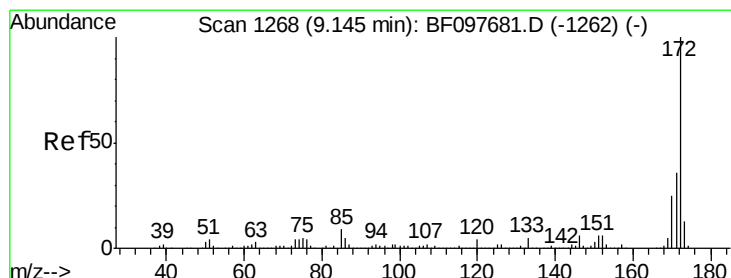
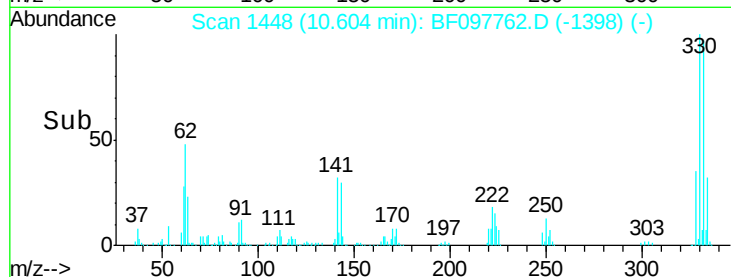
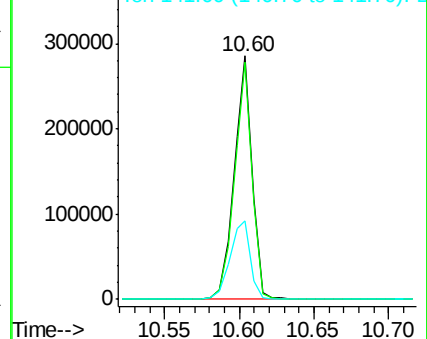
141 36.6 31.4 47.2



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: 90.80 ng

RT: 9.15 min Scan# 1200

Delta R.T. 0.00 min

Lab File: BF097762.D

Acq: 17 Aug 2017 2:39

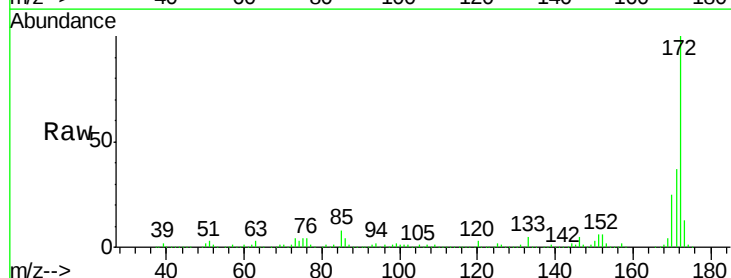
Tgt Ion:172 Resp: 1489235

Ion Ratio Lower Upper

172 100

171 36.7 29.6 44.4

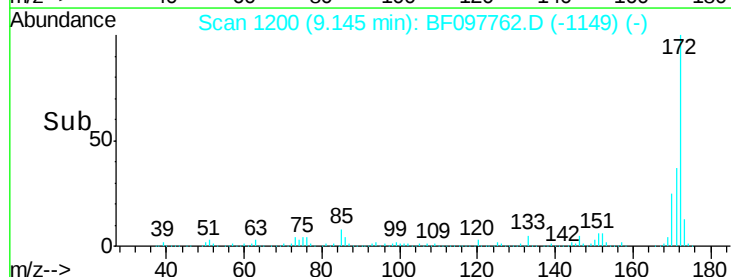
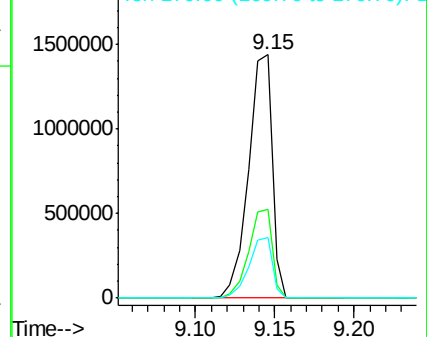
170 24.7 19.8 29.8

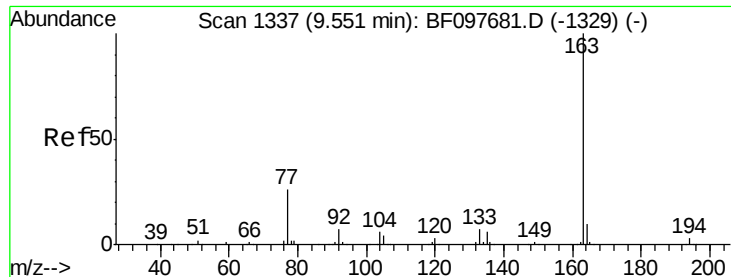


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

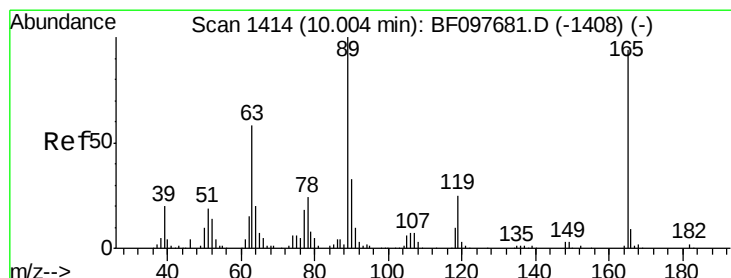
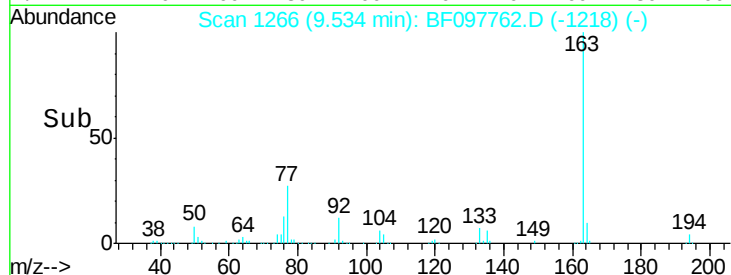
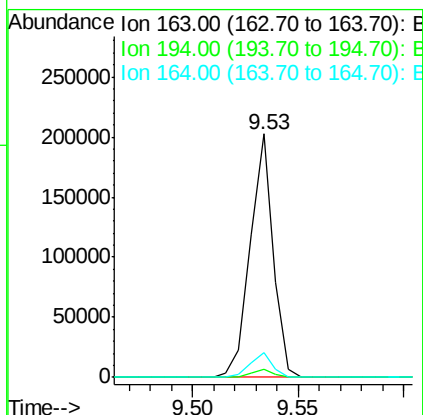
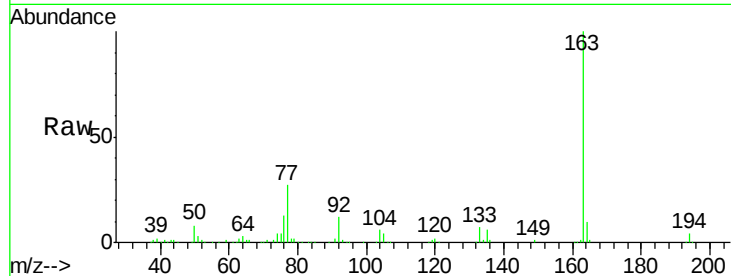




#49
Dimethylphthalate
Concen: 8.72 ng
RT: 9.53 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BF097762.D
Acq: 17 Aug 2017 2:39

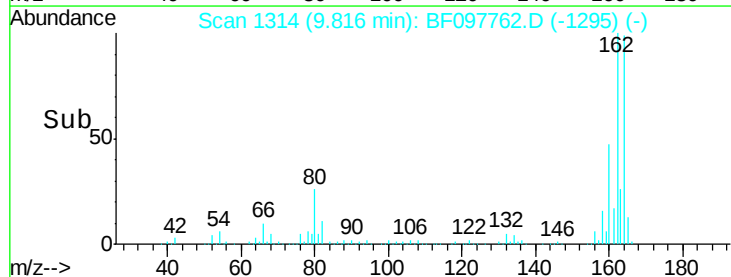
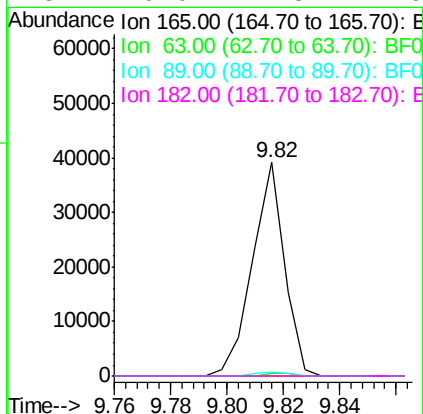
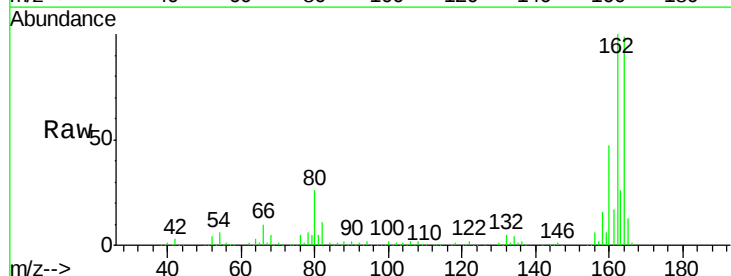
Instrument :
BNA_F
ClientSampleId :
FACADE-BRICK-WALL

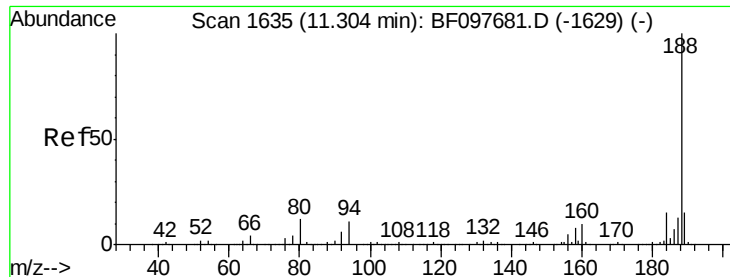
Tot Ion:163 Resp: 153626
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.2 8.4 12.6



#56
2,4-Dinitrotoluene
Concen: 6.99 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.19 min
Lab File: BF097762.D
Acq: 17 Aug 2017 2:39

Tgt Ion:165 Resp: 30829
Ion Ratio Lower Upper
165 100
63 1.4 25.4 38.0#
89 1.9 46.4 69.6#
182 0.0 1.8 2.6#

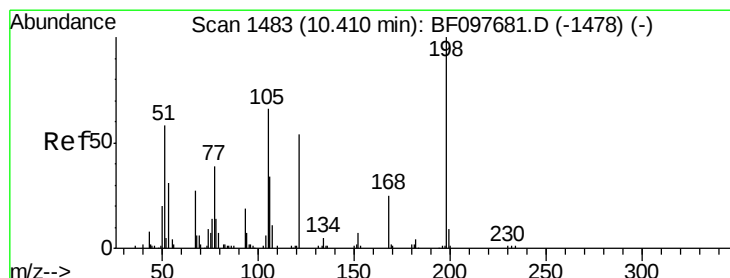
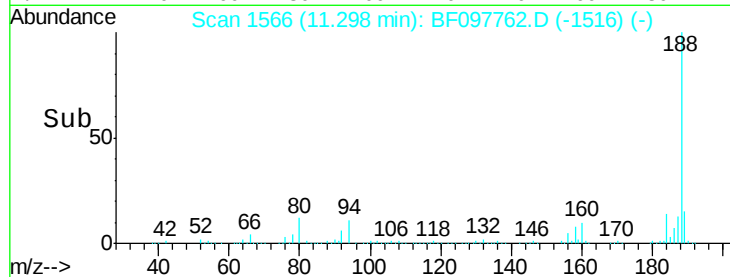
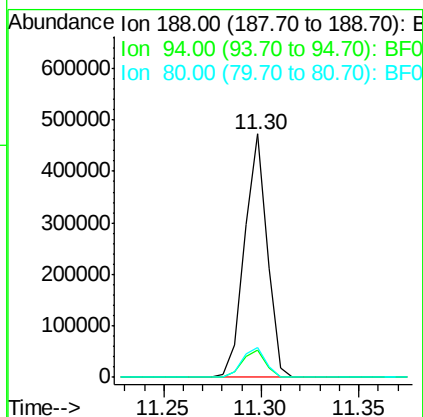
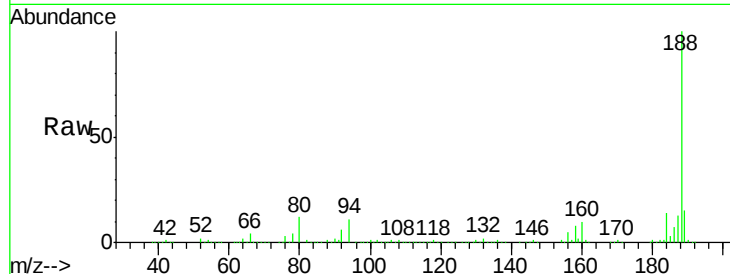




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF097762.D
Acq: 17 Aug 2017 2:39

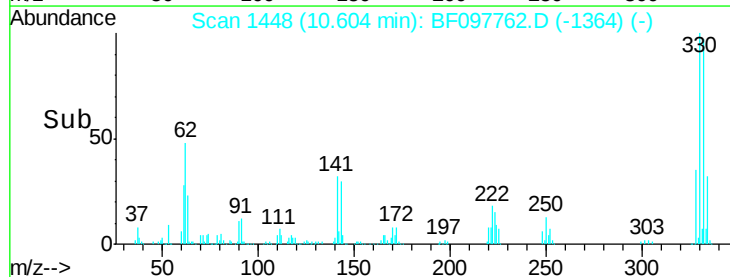
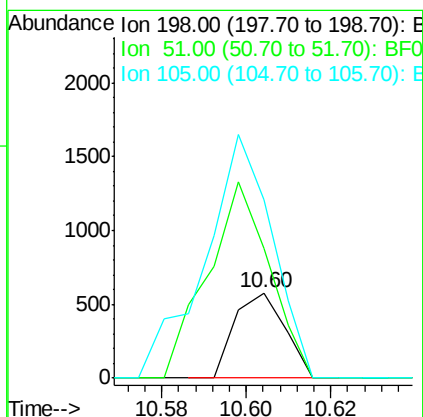
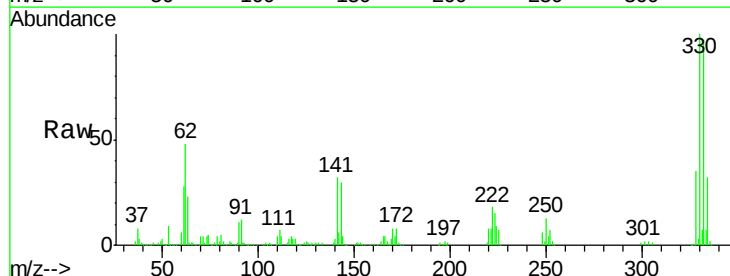
Instrument :
BNA_F
ClientSampleId :
FACADE-BRICK-WALL

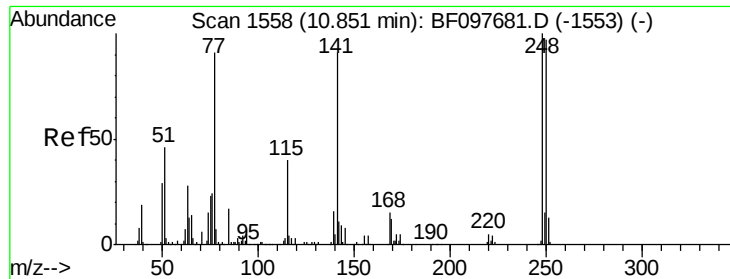
Tot Ion:188 Resp: 379560
Ion Ratio Lower Upper
188 100
94 11.4 9.4 14.2
80 12.2 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 8.54 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.20 min
Lab File: BF097762.D
Acq: 17 Aug 2017 2:39

Tgt Ion:198 Resp: 476
Ion Ratio Lower Upper
198 100
51 151.7 53.2 93.2#
105 209.2 45.8 85.8#

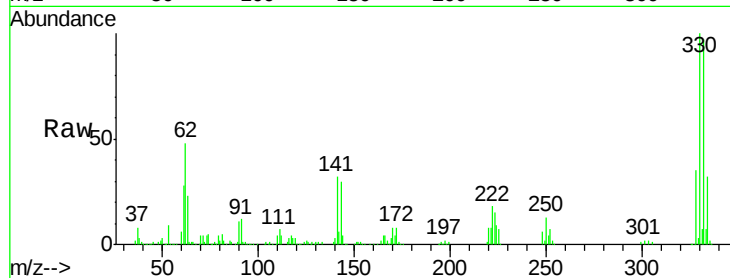




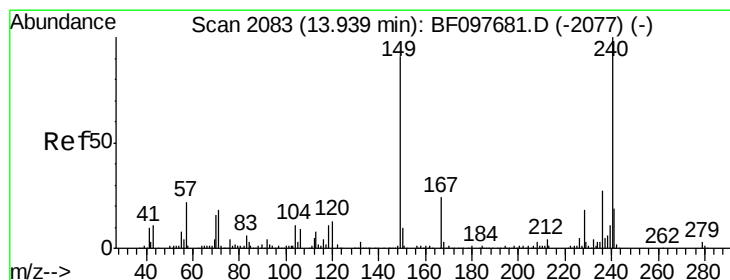
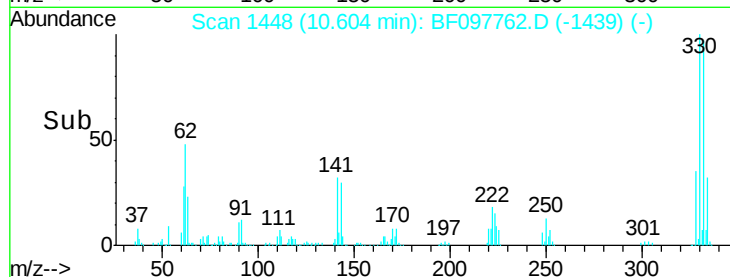
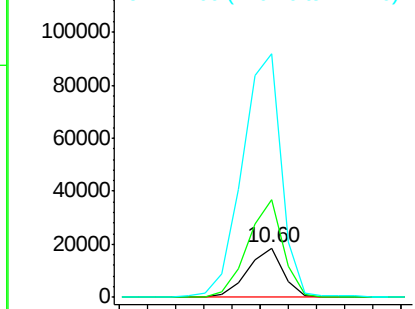
#66
4-Bromophenyl-phenylether
Concen: 4.09 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.25 min
Lab File: BF097762.D
Acq: 17 Aug 2017 2:39

Instrument :
BNA_F
ClientSampleId :
FACADE-BRICK-WALL

Tot Ion:248 Resp: 16140
Ion Ratio Lower Upper
248 100
250 198.4 76.8 115.2#
141 495.0 68.6 103.0#

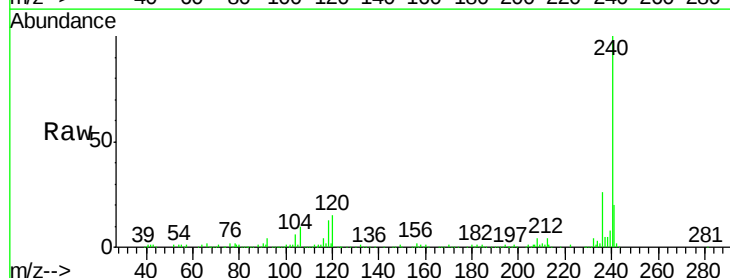


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

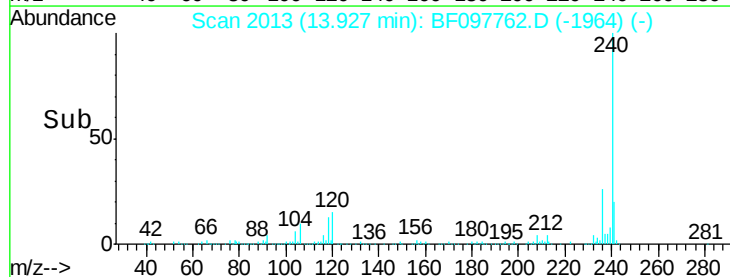
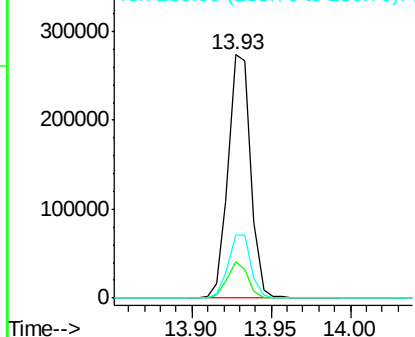


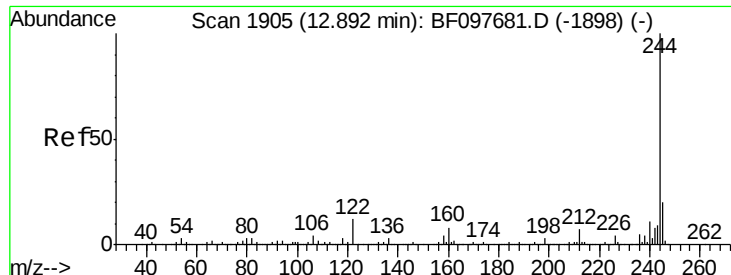
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF097762.D
Acq: 17 Aug 2017 2:39

Tgt Ion:240 Resp: 271341
Ion Ratio Lower Upper
240 100
120 15.0 5.8 8.8#
236 26.0 20.5 30.7



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: 67.82 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF097762.D

Acq: 17 Aug 2017 2:39

Instrument :

BNA_F

ClientSampleId :

FACADE-BRICK-WALL

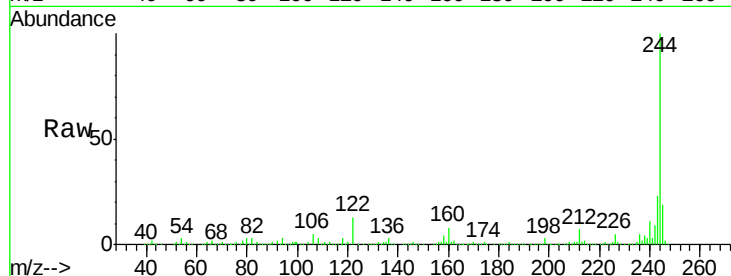
Tot Ion:244 Resp: 882517

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

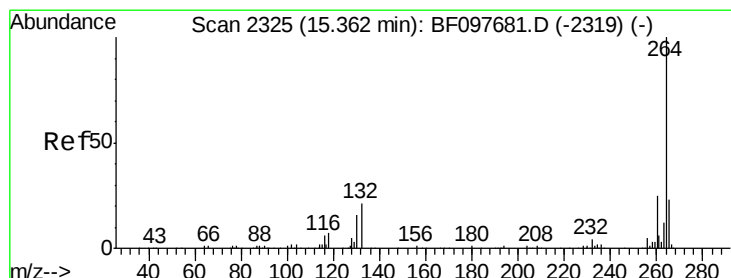
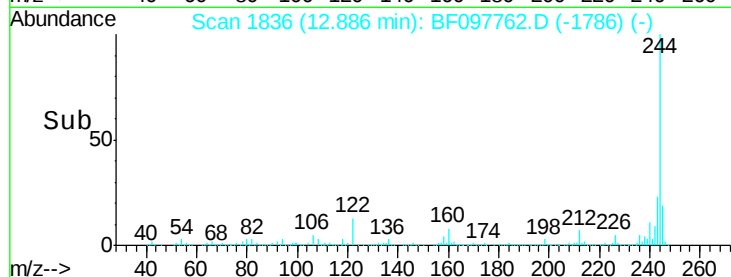
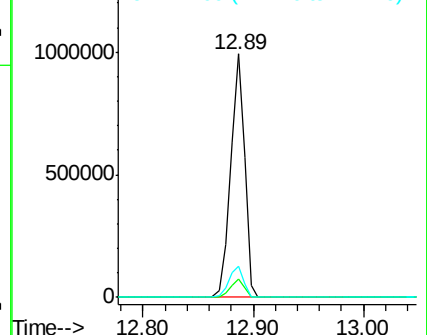
122 13.0 10.3 15.5



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: 15.36 min Scan# 2257

Delta R.T. 0.00 min

Lab File: BF097762.D

Acq: 17 Aug 2017 2:39

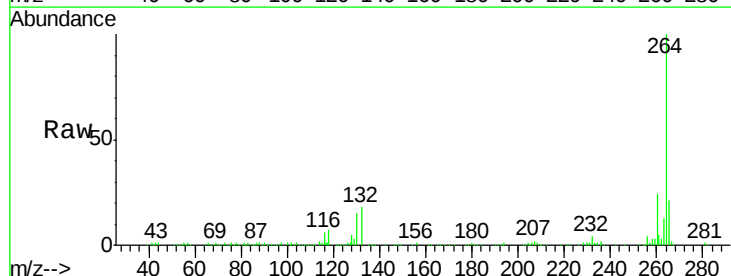
Tgt Ion:264 Resp: 233011

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

265 21.2 17.2 25.8



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

