

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
 Data File : BF097768.D
 Acq On : 17 Aug 2017 5:27
 Operator : SJ/JU
 Sample : I4792-06
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-COMP

Quant Time: Aug 17 07:34:24 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

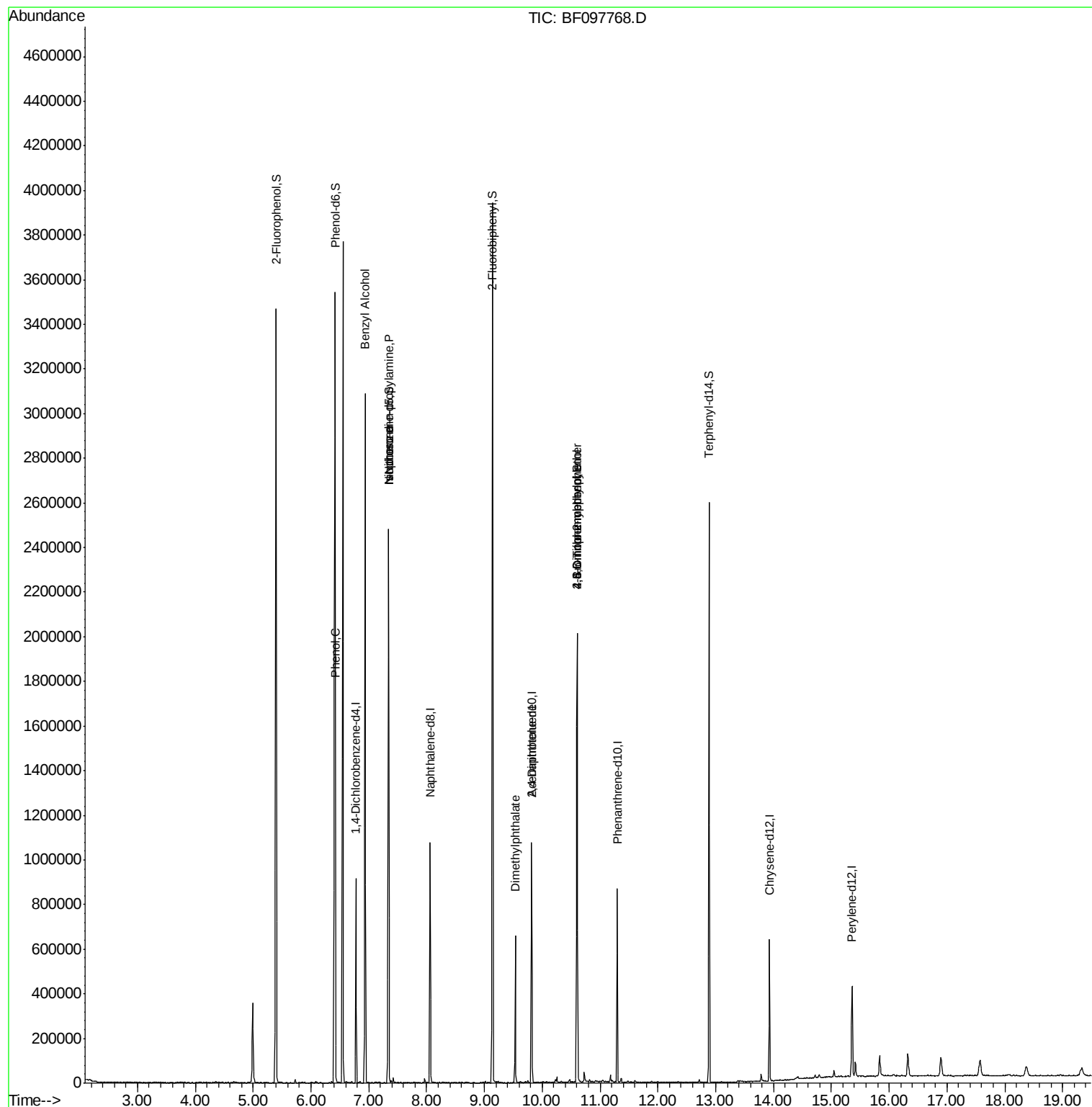
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	112493	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	435620	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	180416	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	270510	20.00	ng	0.00
75) Chrysene-d12	13.93	240	203928	20.00	ng	-0.01
86) Perylene-d12	15.36	264	184735	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1081615	146.25	ng	0.01
7) Phenol-d6	6.42	99	1469533	146.24	ng	0.00
23) Nitrobenzene-d5	7.35	82	899542	112.18	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	219239	140.05	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1335702	108.77	ng	0.00
78) Terphenyl-d14	12.89	244	708862	72.49	ng	0.00
Target Compounds						
10) Phenol	6.43	94	35212	3.00	ng	Qvalue 86
15) Benzyl Alcohol	6.93	79	16774	2.23	ng	# 45
19) n-Nitroso-di-n-propylamine	7.35	70	120479	17.51	ng	# 72
25) Isophorone	7.35	82	898699	53.90	ng	# 67
49) Dimethylphthalate	9.53	163	218652	16.58	ng	99
56) 2,4-Dinitrotoluene	9.82	165	22945	6.95	ng	# 32
64) 4,6-Dinitro-2-methylphenol	10.60	198	392	8.57	ng	# 1
66) 4-Bromophenyl-phenylether	10.60	248	14495	5.16	ng	# 1

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

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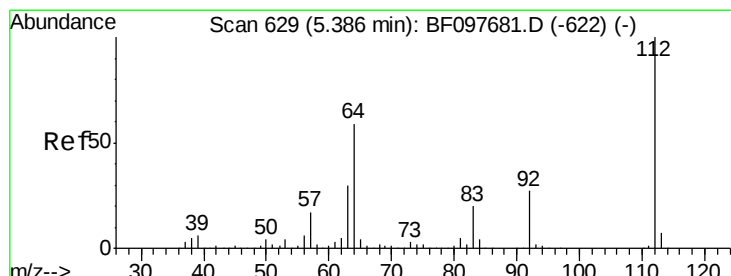
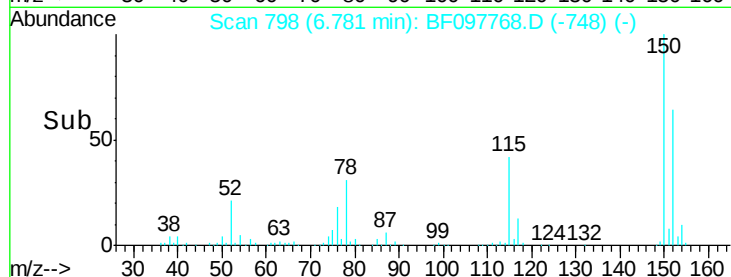
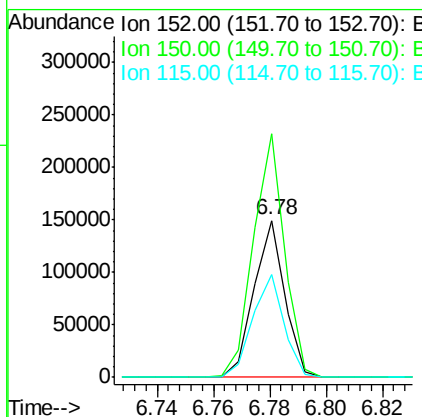
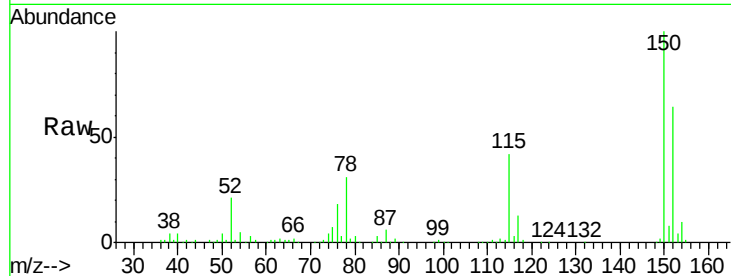


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.78 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF097768.D
 Acq: 17 Aug 2017 5:27

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-COMP

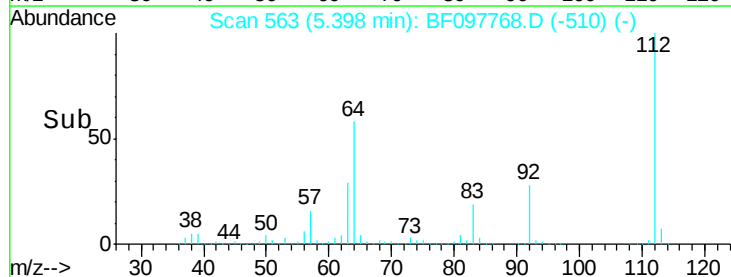
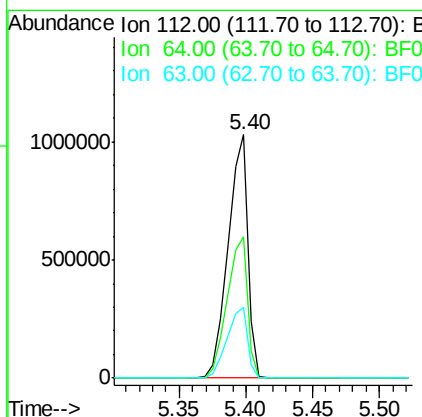
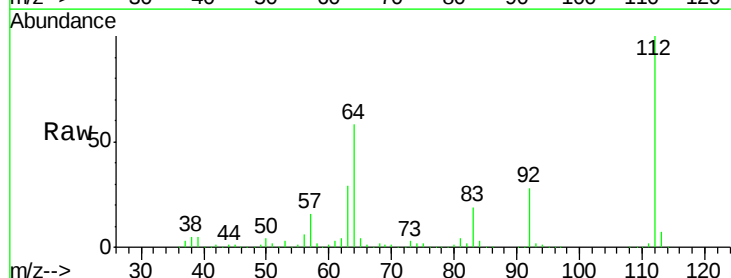
Tot Ion:152 Resp: 112493
 Ion Ratio Lower Upper
 152 100
 150 155.1 126.2 189.2
 115 65.5 52.2 78.2

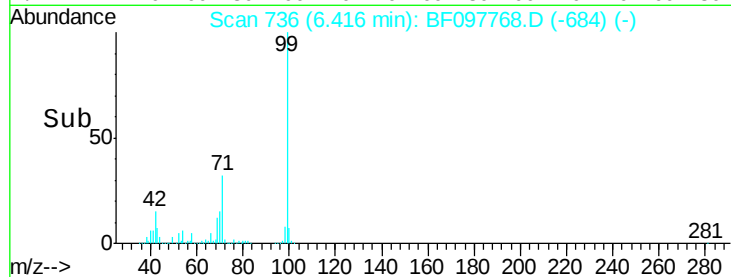
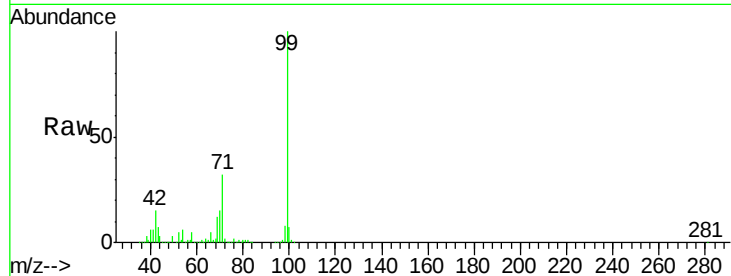
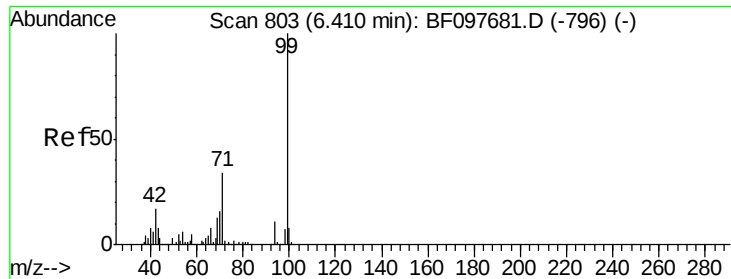


#5

2-Fluorophenol
 Concen: 146.25 ng
 RT: 5.40 min Scan# 563
 Delta R.T. 0.01 min
 Lab File: BF097768.D
 Acq: 17 Aug 2017 5:27

Tgt Ion:112 Resp: 1081615
 Ion Ratio Lower Upper
 112 100
 64 58.1 46.0 69.0
 63 29.0 23.4 35.0





#7

Phenol-d6

Concen: 146.24 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF097768.D

Acq: 17 Aug 2017 5:27

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP

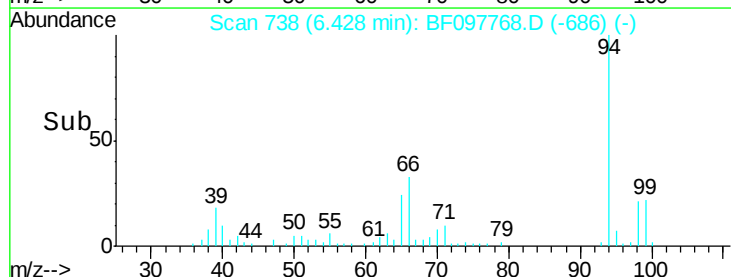
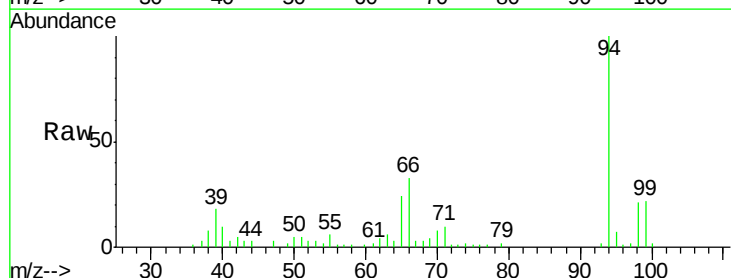
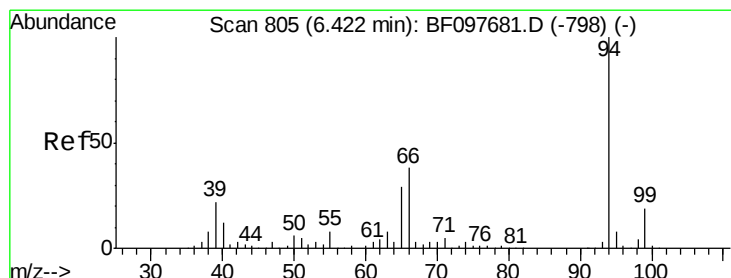
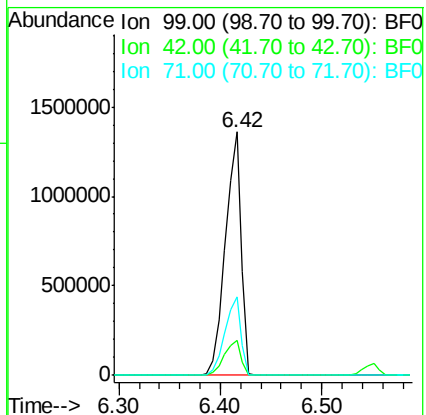
Tot Ion: 99 Resp: 1469533

Ion Ratio Lower Upper

99 100

42 14.6 13.5 20.3

71 32.2 24.5 36.7



#10

Phenol

Concen: 3.00 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF097768.D

Acq: 17 Aug 2017 5:27

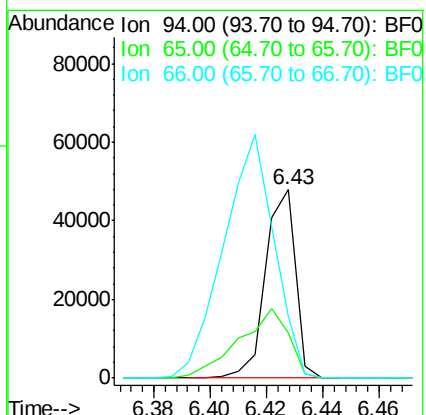
Tgt Ion: 94 Resp: 35212

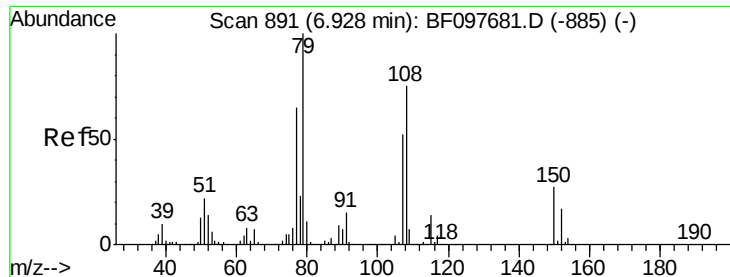
Ion Ratio Lower Upper

94 100

65 24.4 9.9 49.9

66 32.6 23.1 63.1





#15

Benzyl Alcohol

Concen: 2.23 ng

RT: 6.93 min Scan# 824

Delta R.T. 0.01 min

Lab File: BF097768.D

Acq: 17 Aug 2017 5:27

Instrument :

BNA_F

ClientSampled :

SB-01-COMP

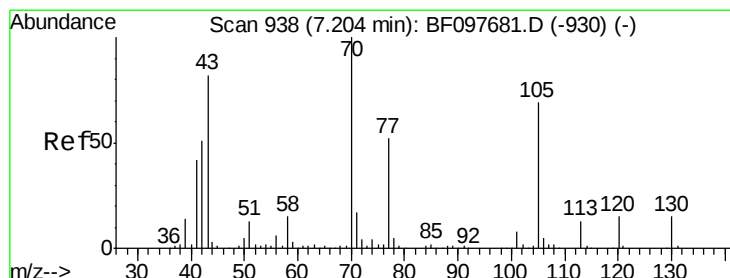
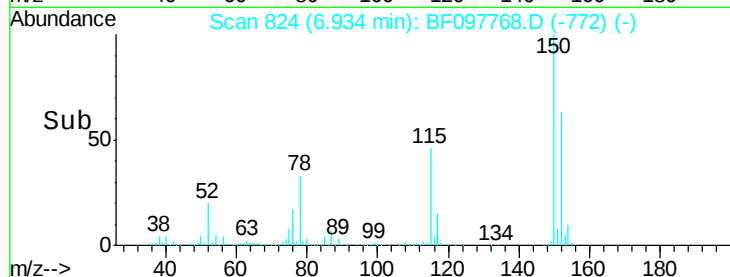
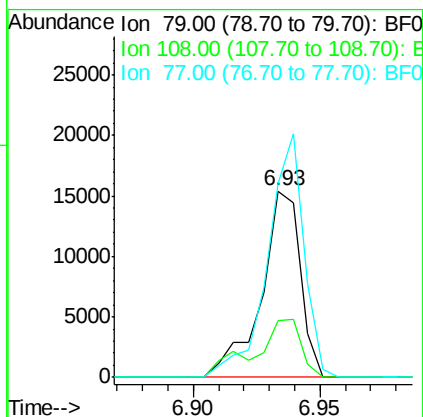
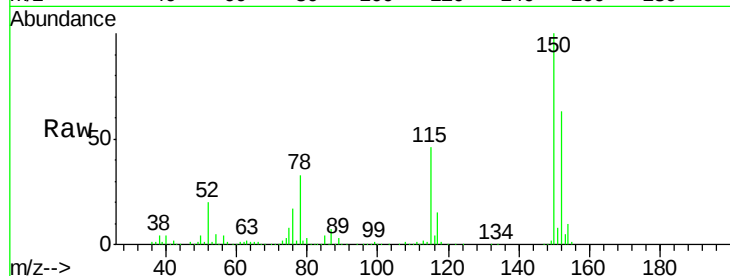
Tot Ion: 79 Resp: 16774

Ion Ratio Lower Upper

79 100

108 30.6 63.4 95.0#

77 103.9 49.2 73.8#



#19

n-Nitroso-di-n-propylamine

Concen: 17.51 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.14 min

Lab File: BF097768.D

Acq: 17 Aug 2017 5:27

Tgt Ion: 70 Resp: 120479

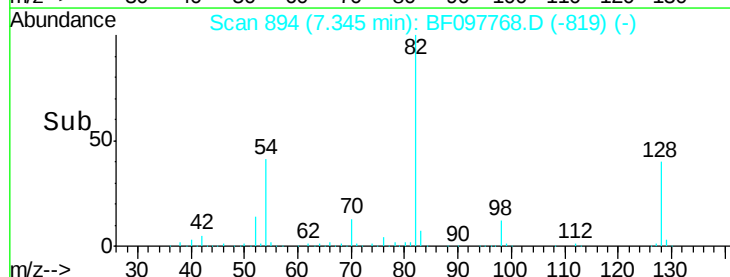
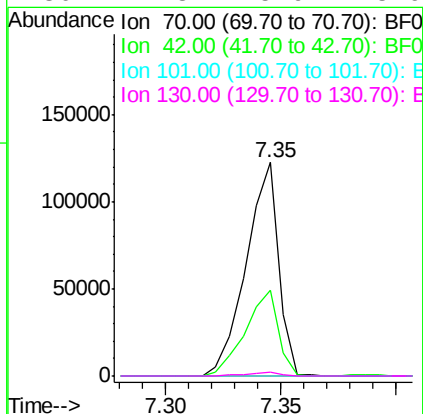
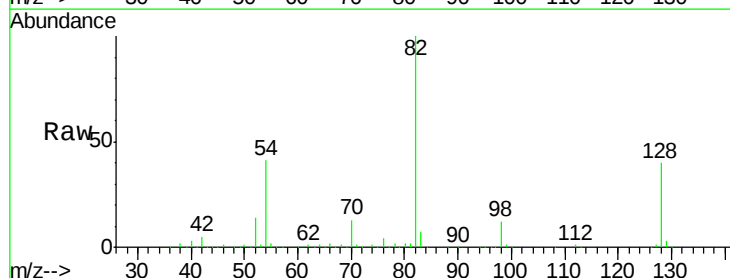
Ion Ratio Lower Upper

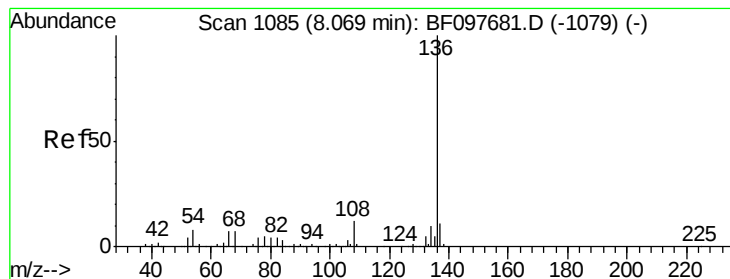
70 100

42 40.2 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: BF097768.D

Acq: 17 Aug 2017 5:27

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP

Tot Ion:136 Resp: 435620

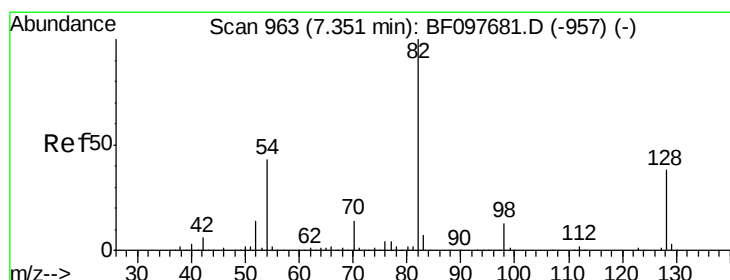
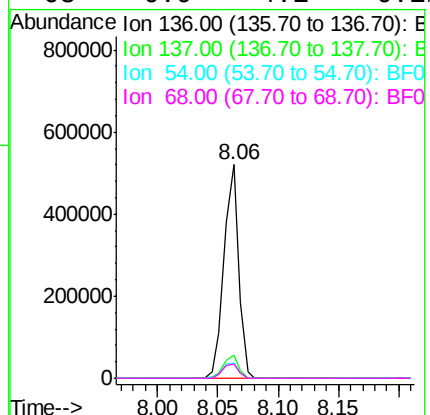
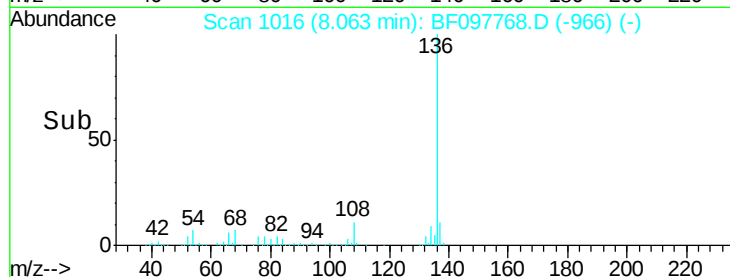
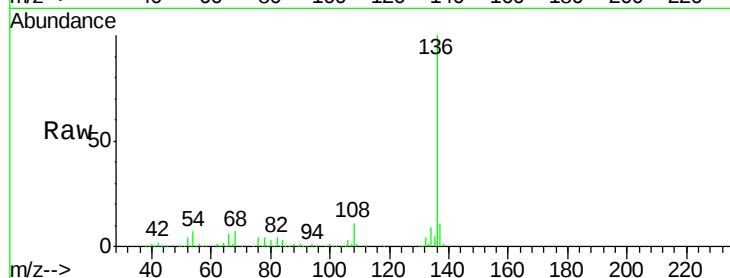
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.4 4.9 7.3#

68 6.9 4.1 6.1#



#23

Nitrobenzene-d5

Concen: 112.18 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF097768.D

Acq: 17 Aug 2017 5:27

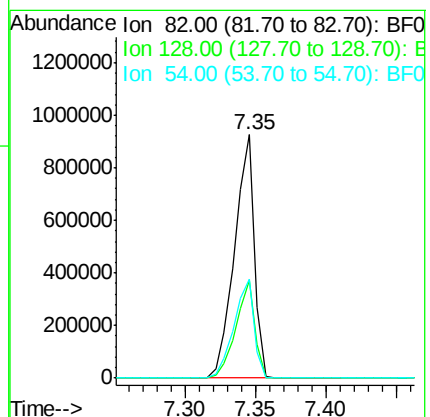
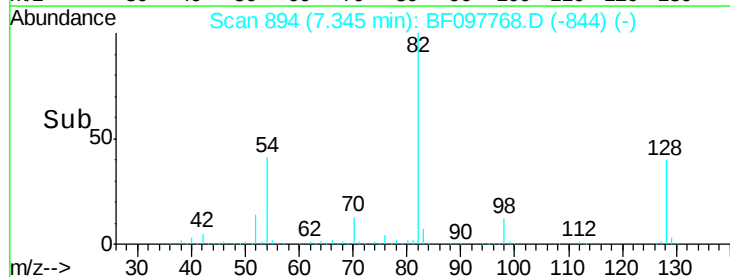
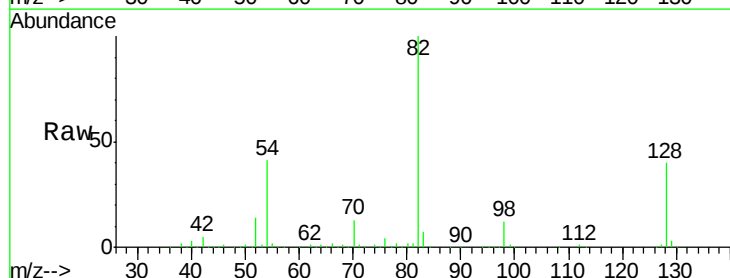
Tgt Ion: 82 Resp: 899542

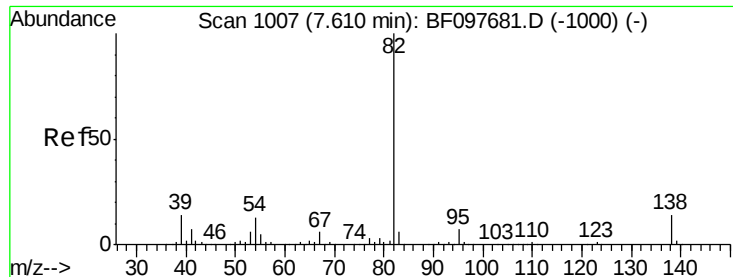
Ion Ratio Lower Upper

82 100

128 40.0 34.0 51.0

54 40.5 42.2 63.2#





#25

Isophorone

Concen: 53.90 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.26 min

Lab File: BF097768.D

Acq: 17 Aug 2017 5:27

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP

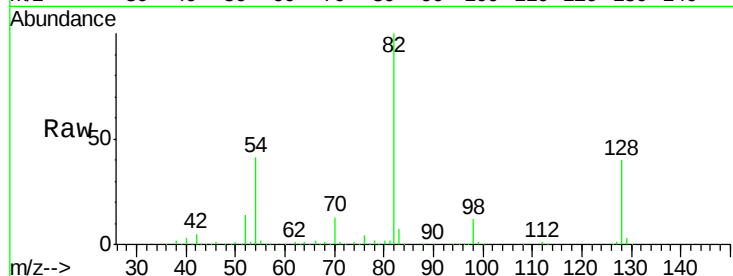
Tot Ion: 82 Resp: 898699

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

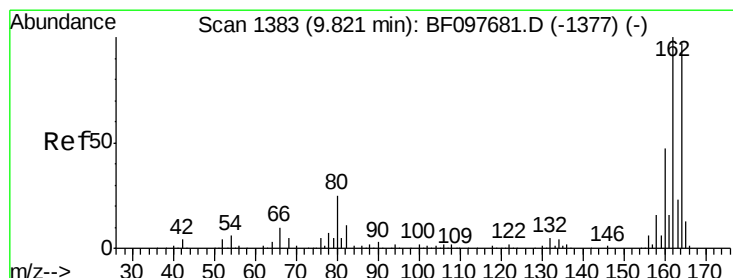
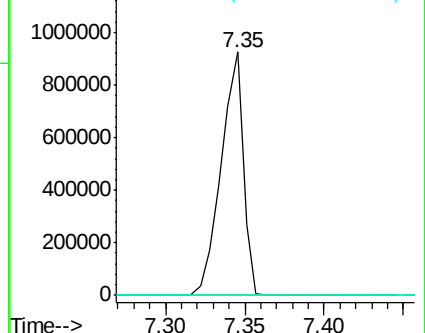
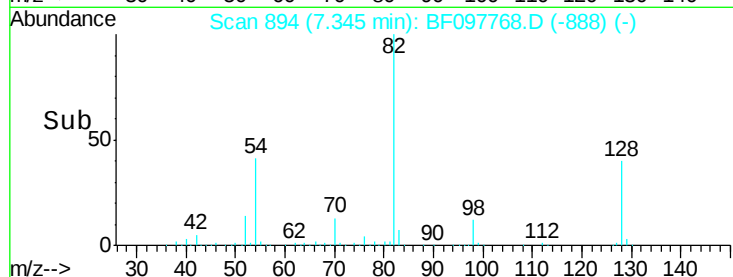
138 0.0 13.1 19.7#



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BF097768.D

Acq: 17 Aug 2017 5:27

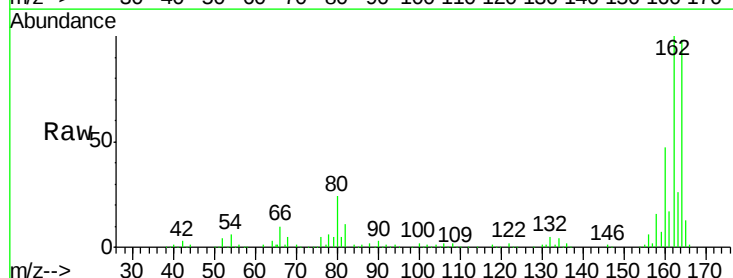
Tgt Ion:164 Resp: 180416

Ion Ratio Lower Upper

164 100

162 102.5 82.6 123.8

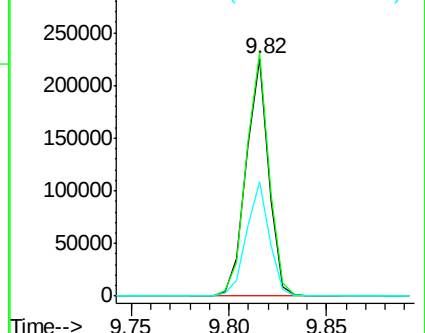
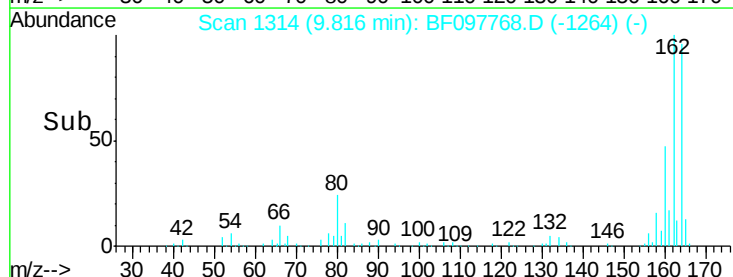
160 48.2 36.2 54.2

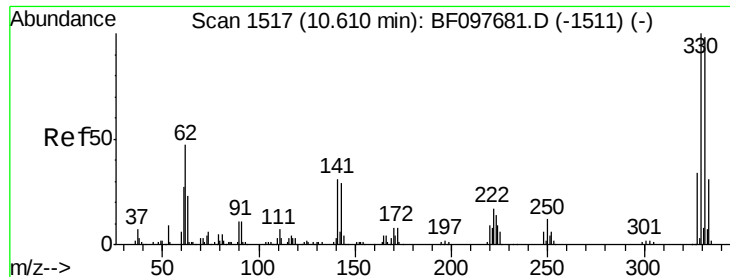


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

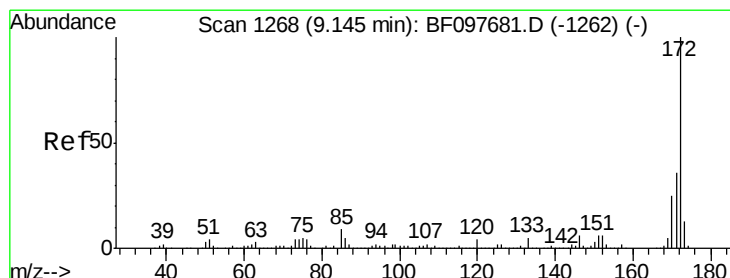
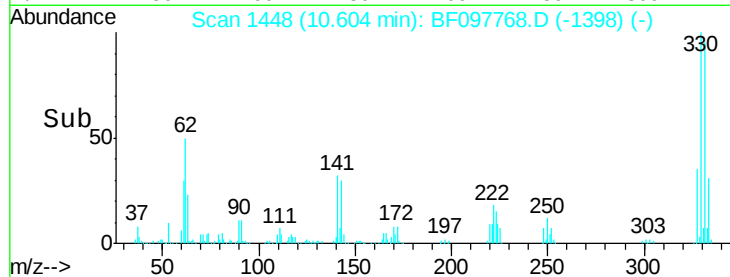
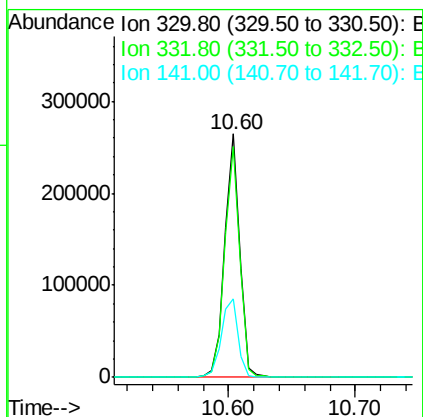
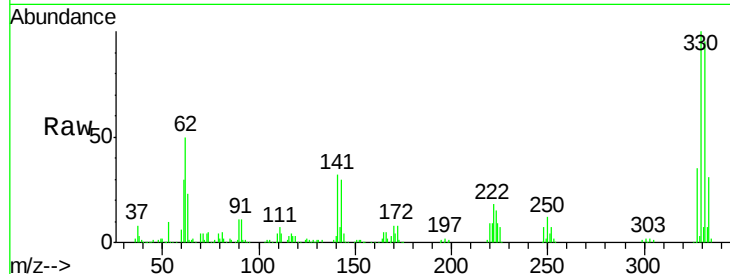




#41
 2,4,6-Tribromophenol
 Concen: 140.05 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF097768.D
 Acq: 17 Aug 2017 5:27

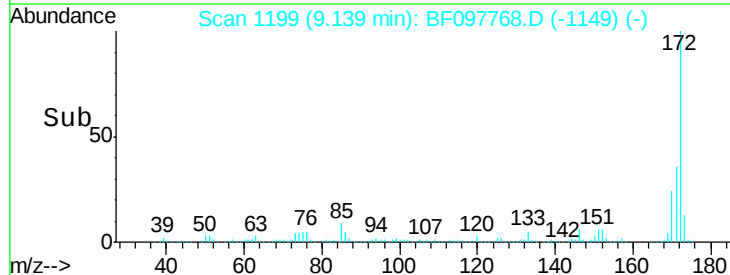
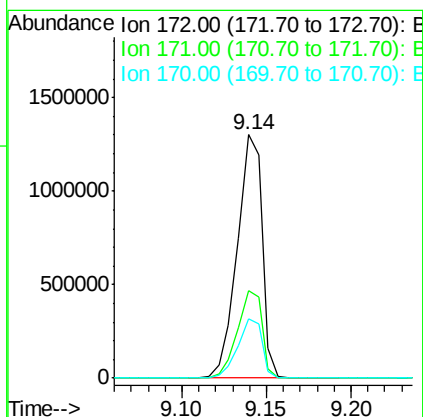
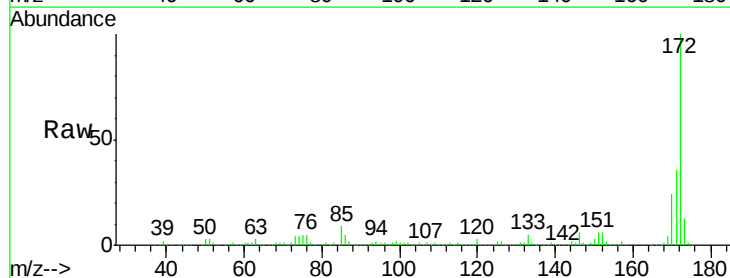
Instrument :
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 SB-01-COMP

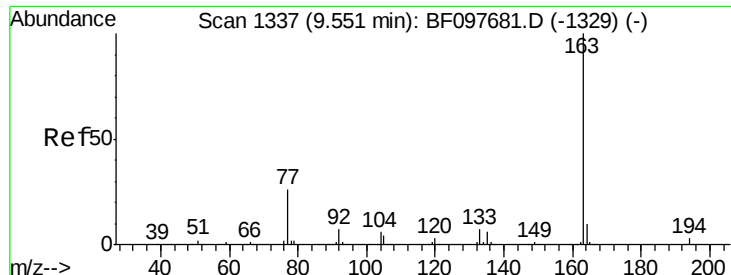
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.6	115.0
141	36.4	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 108.77 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF097768.D
 Acq: 17 Aug 2017 5:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	24.3	19.8	29.8

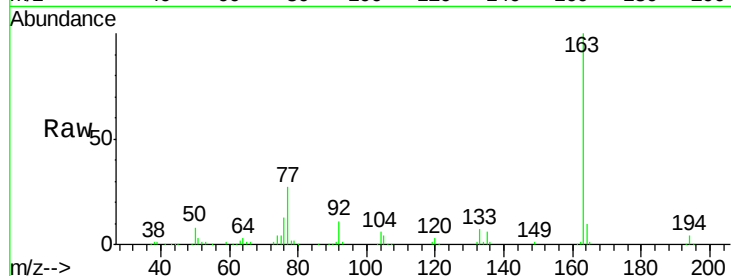




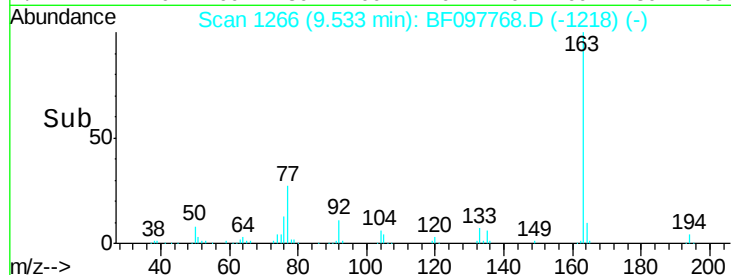
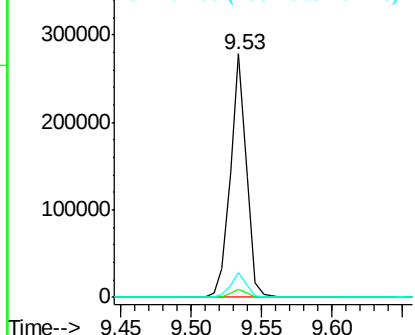
#49
Dimethylphthalate
Concen: 16.58 ng
RT: 9.53 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BF097768.D
Acq: 17 Aug 2017 5:27

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tot Ion:163 Resp: 218652
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.2 8.4 12.6

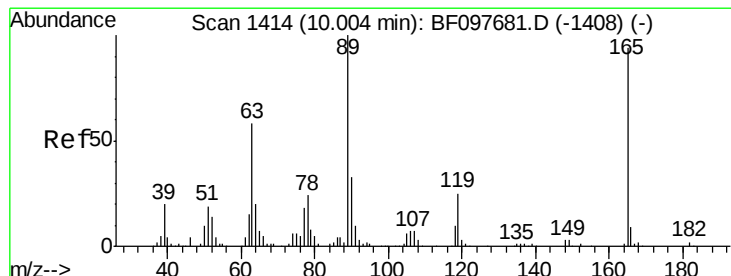


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

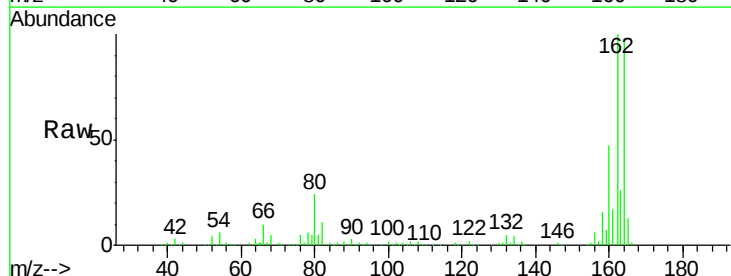
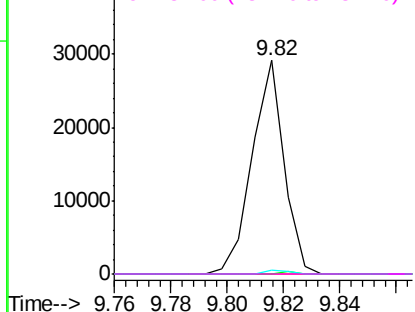


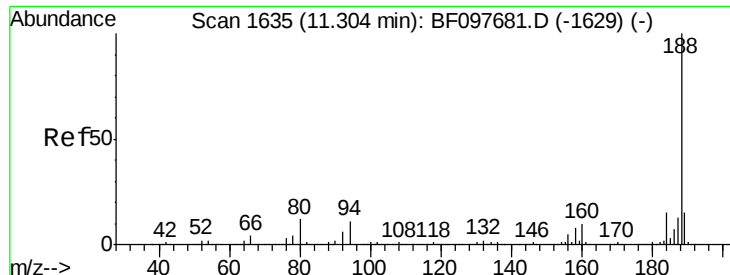
#56
2,4-Dinitrotoluene
Concen: 6.95 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.19 min
Lab File: BF097768.D
Acq: 17 Aug 2017 5:27

Tgt Ion:165 Resp: 22945
Ion Ratio Lower Upper
165 100
63 0.0 25.4 38.0#
89 1.8 46.4 69.6#
182 0.0 1.8 2.6#



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
Ion 182.00 (181.70 to 182.70): E

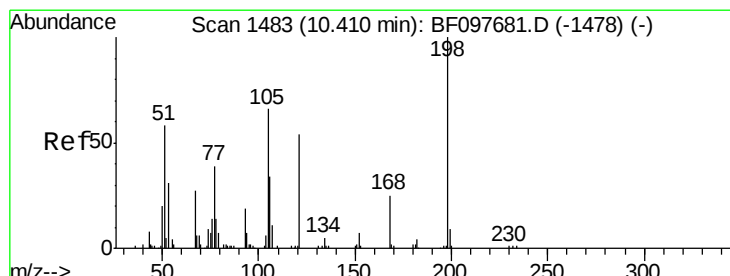
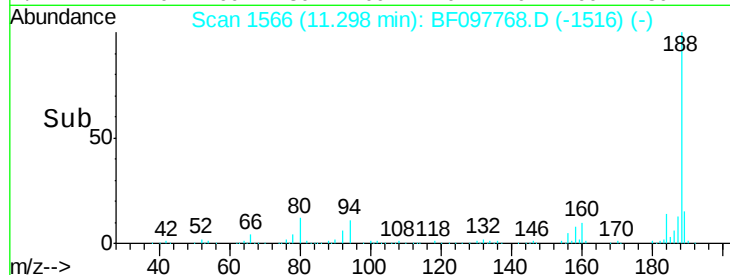
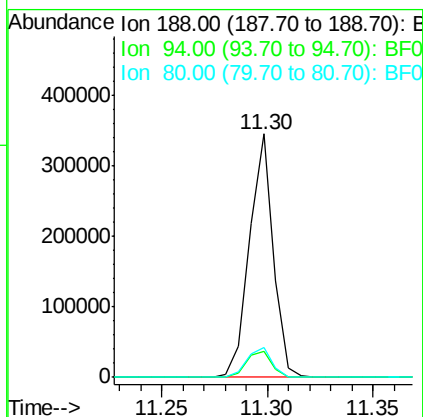
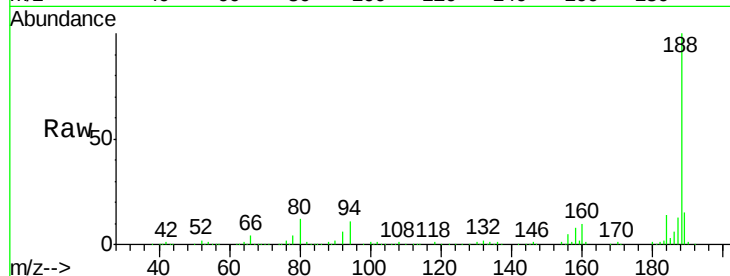




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF097768.D
Acq: 17 Aug 2017 5:27

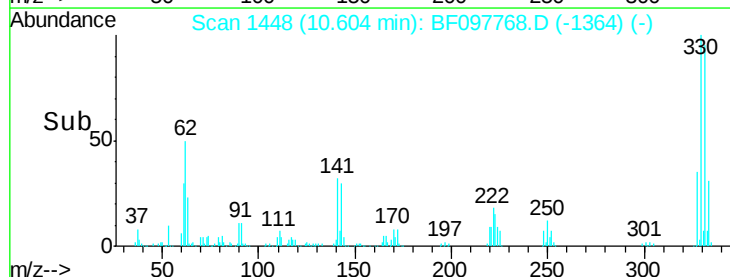
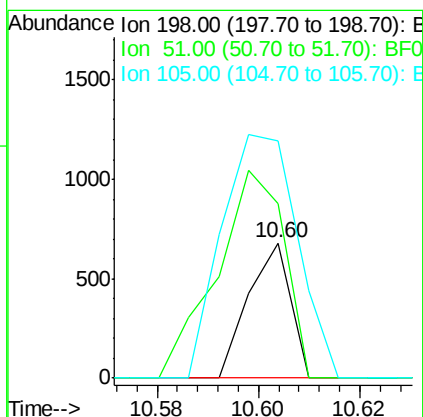
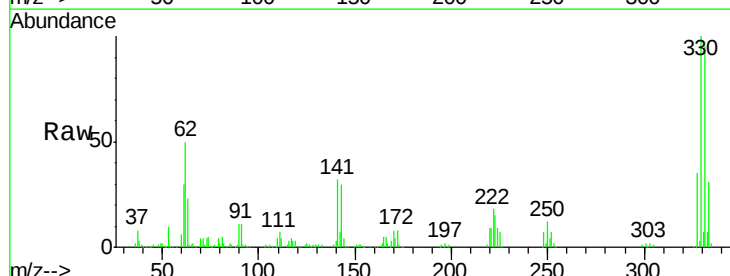
Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

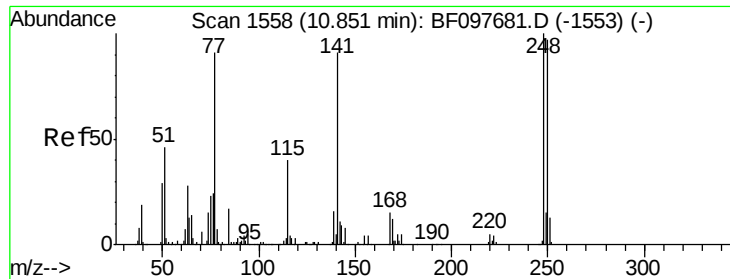
Tot Ion:188 Resp: 270510
Ion Ratio Lower Upper
188 100
94 10.9 9.4 14.2
80 12.1 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 8.57 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.19 min
Lab File: BF097768.D
Acq: 17 Aug 2017 5:27

Tgt Ion:198 Resp: 392
Ion Ratio Lower Upper
198 100
51 129.3 53.2 93.2#
105 175.3 45.8 85.8#

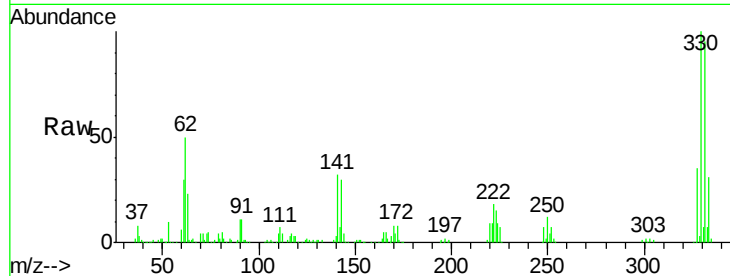




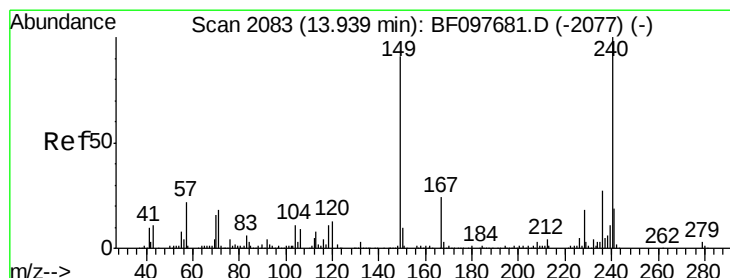
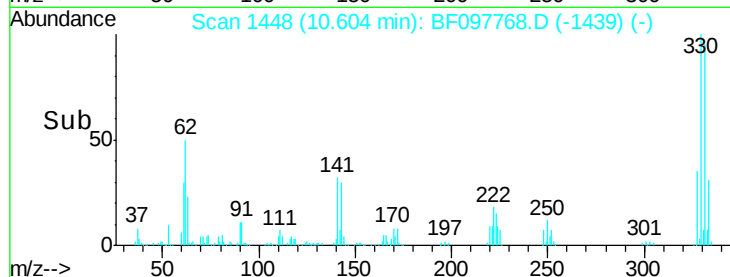
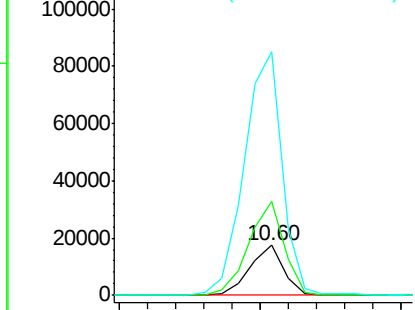
#66
4-Bromophenyl-phenylether
Concen: 5.16 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.25 min
Lab File: BF097768.D
Acq: 17 Aug 2017 5:27

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tot Ion:248 Resp: 14495
Ion Ratio Lower Upper
248 100
250 189.6 76.8 115.2#
141 489.5 68.6 103.0#

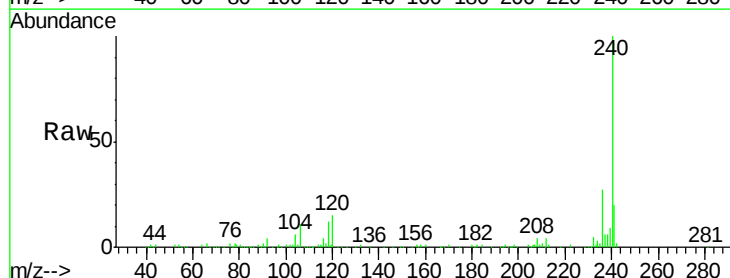


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

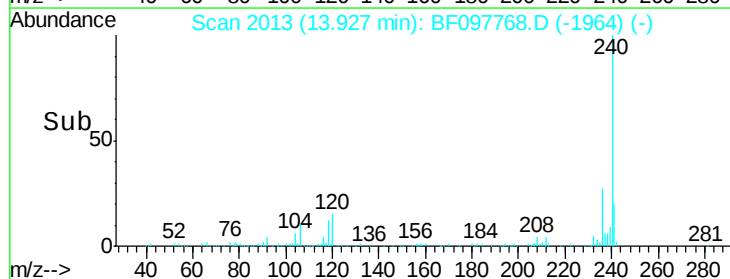
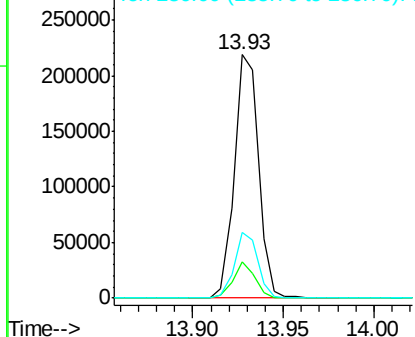


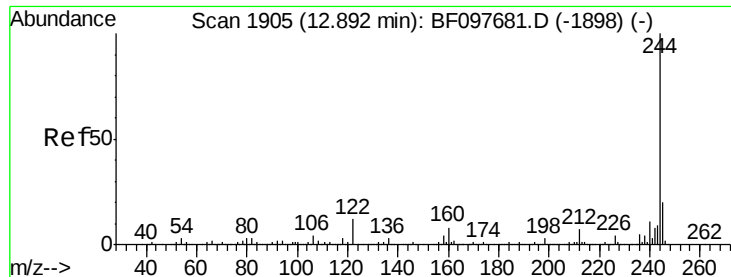
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF097768.D
Acq: 17 Aug 2017 5:27

Tgt Ion:240 Resp: 203928
Ion Ratio Lower Upper
240 100
120 15.0 5.8 8.8#
236 26.9 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: 72.49 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF097768.D

Acq: 17 Aug 2017 5:27

Instrument :

BNA_F

ClientSampled :

SB-01-COMP

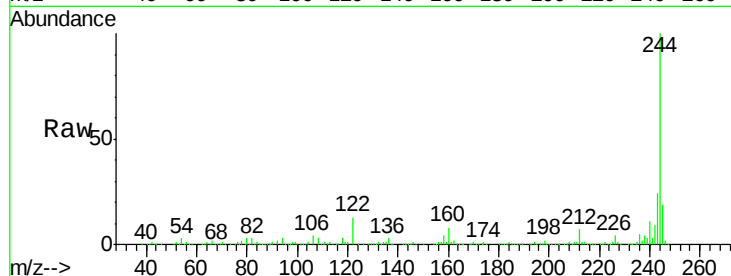
Tot Ion:244 Resp: 708862

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

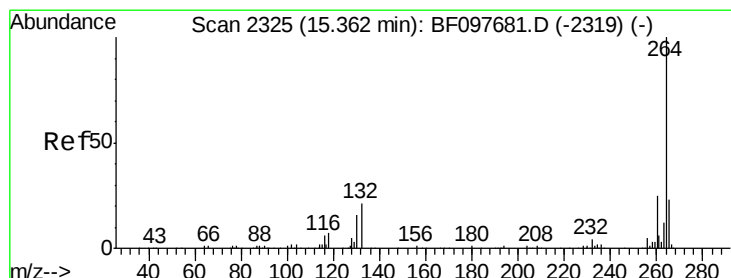
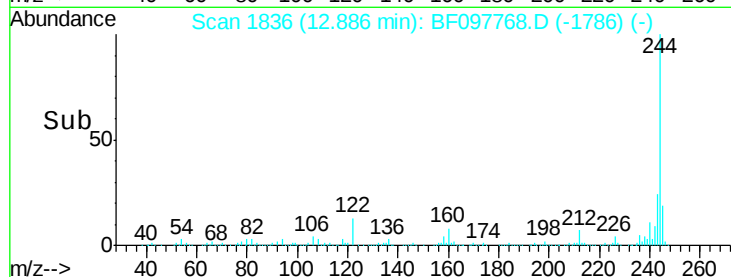
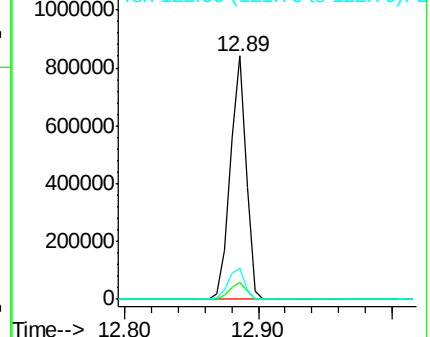
122 13.0 10.3 15.5



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: BF097768.D

Acq: 17 Aug 2017 5:27

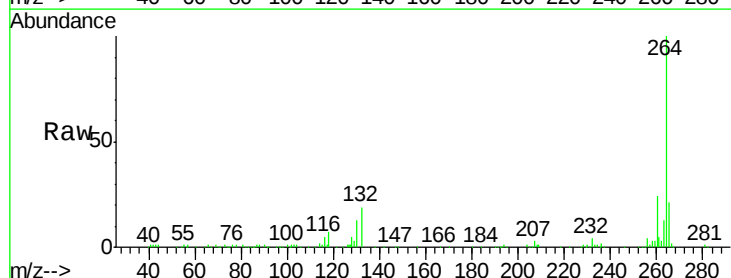
Tgt Ion:264 Resp: 184735

Ion Ratio Lower Upper

264 100

260 23.5 19.5 29.3

265 21.0 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

