

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
 Data File : BF097091.D
 Acq On : 26 Jul 2017 22:38
 Operator : SJ/JU
 Sample : I4360-19
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 27 08:20:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	109167	20.00	ng	0.00
21) Naphthalene-d8	7.77	136	454558	20.00	ng	-0.01
38) Acenaphthene-d10	9.52	164	210817	20.00	ng	-0.01
63) Phenanthrene-d10	11.00	188	317941	20.00	ng	0.00
75) Chrysene-d12	13.62	240	220474	20.00	ng	0.00
86) Perylene-d12	14.97	264	178865	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.10	112	764654	105.59	ng	0.00
7) Phenol-d6	6.16	99	935806	113.19	ng	-0.01
23) Nitrobenzene-d5	7.06	82	576447	74.39	ng	-0.01
41) 2,4,6-Tribromophenol	10.31	330	184585	110.82	ng	-0.01
44) 2-Fluorobiphenyl	8.86	172	902829	72.68	ng	-0.01
78) Terphenyl-d14	12.59	244	712201	65.86	ng	0.00

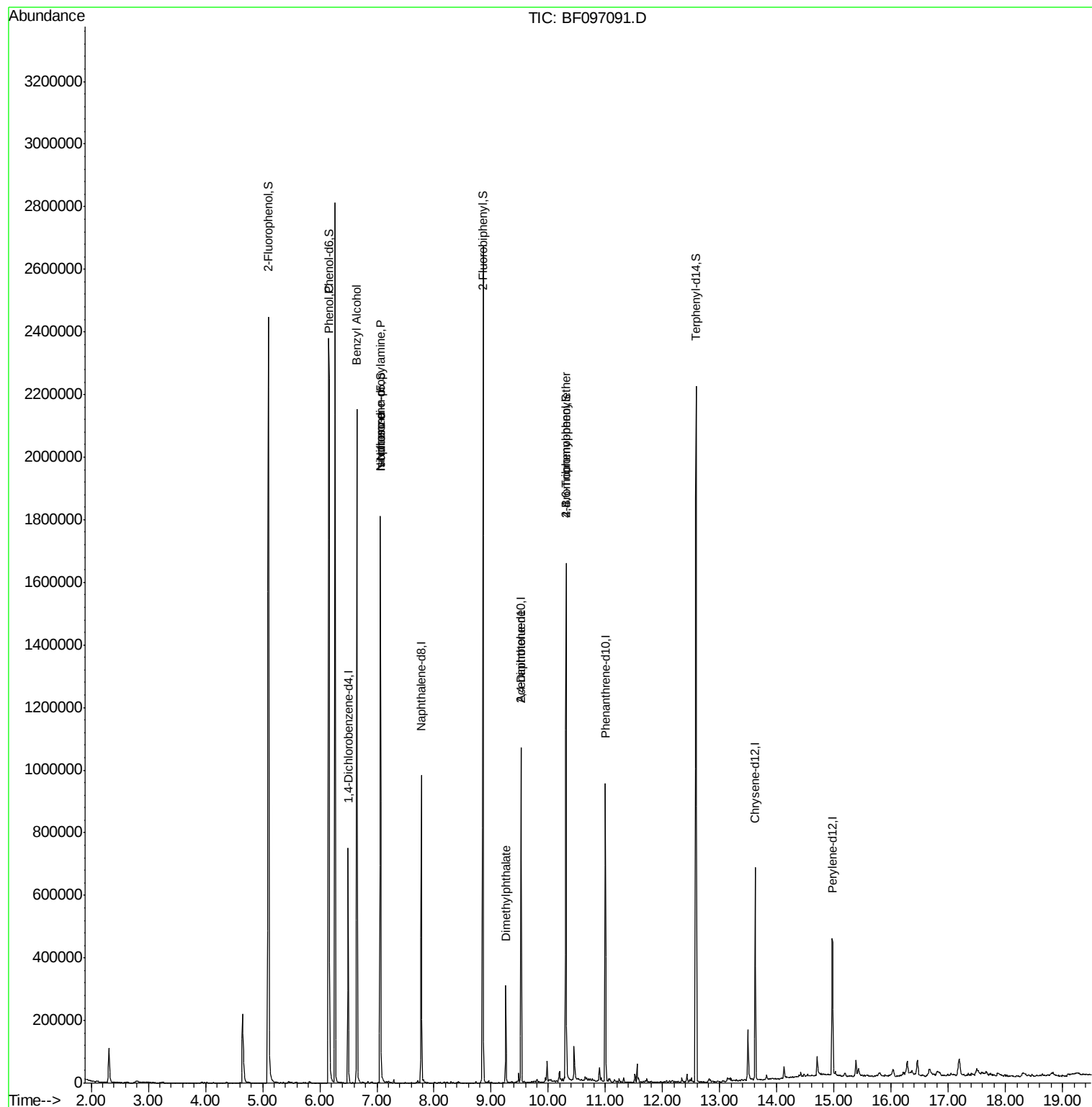
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.17	94	28746	2.931	ng	99
15) Benzyl Alcohol	6.65	79	11071	2.115	ng	# 38
19) n-Nitroso-di-n-propylamine	7.06	70	76256	14.013	ng	# 87
25) Isophorone	7.06	82	576014	37.959	ng	# 67
49) Dimethylphthalate	9.26	163	128137	8.004	ng	98
56) 2,4-Dinitrotoluene	9.52	165	26306	6.739	ng	# 33
66) 4-Bromophenyl-phenylether	10.31	248	12001	3.782	ng	# 1

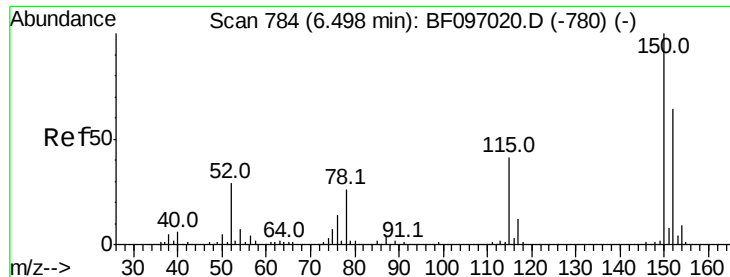
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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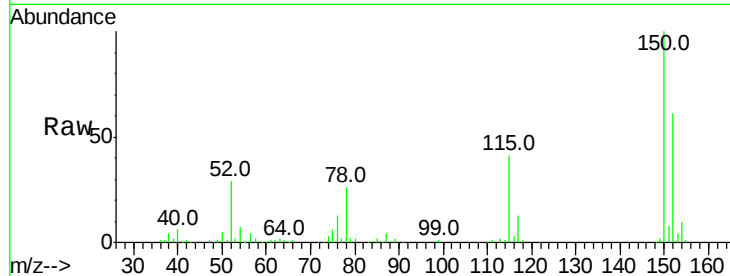


#1

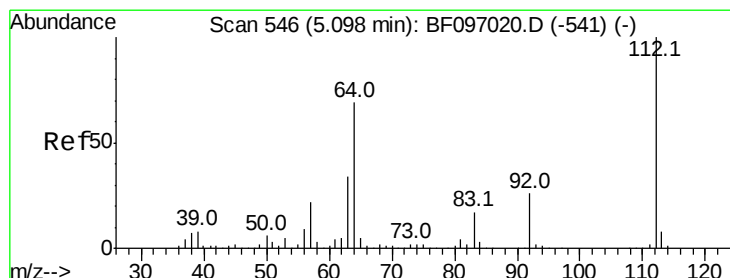
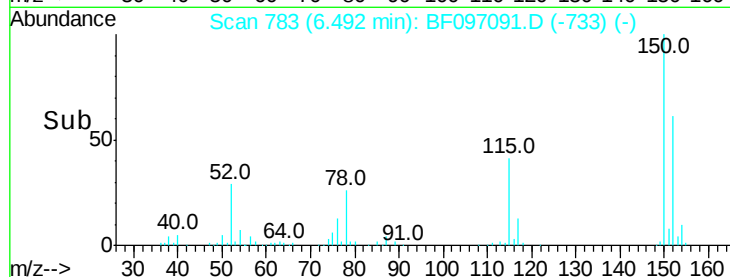
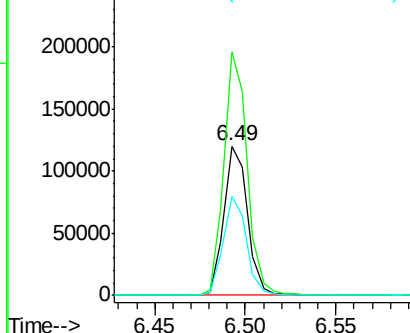
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.49 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF097091.D
Acq: 26 Jul 2017 22:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 109167
Ion Ratio Lower Upper
152 100
150 163.1 126.2 189.2
115 66.2 52.2 78.2



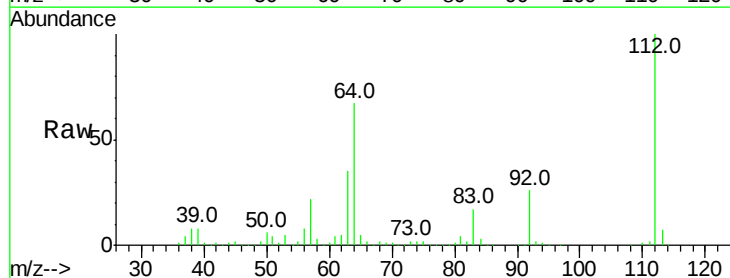
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



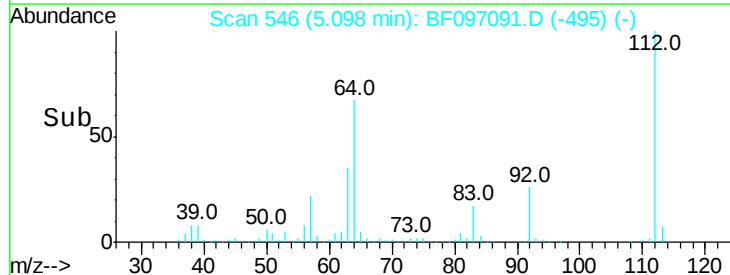
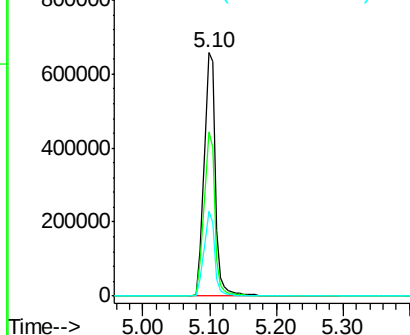
#5

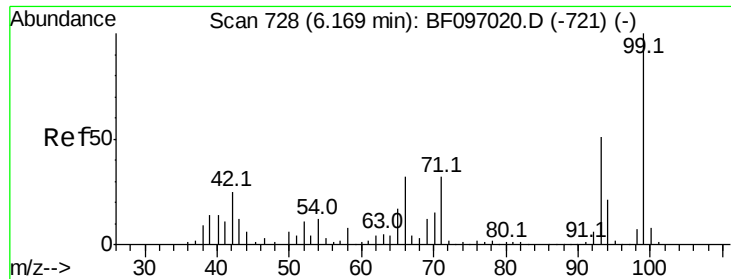
2-Fluorophenol
Concen: 105.591 ng
RT: 5.10 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF097091.D
Acq: 26 Jul 2017 22:38

Tgt Ion:112 Resp: 764654
Ion Ratio Lower Upper
112 100
64 67.4 46.0 69.0
63 34.7 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: 113.195 ng

RT: 6.16 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF097091.D

Acq: 26 Jul 2017 22:38

Instrument :

BNA_F

ClientSampled :

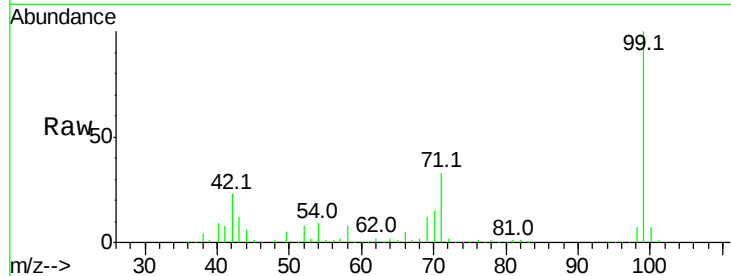
Tot Ion: 99 Resp: 935806

Ion Ratio Lower Upper

99 100

42 23.3 13.5 20.3#

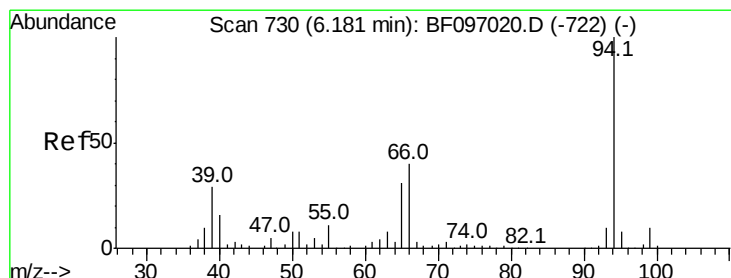
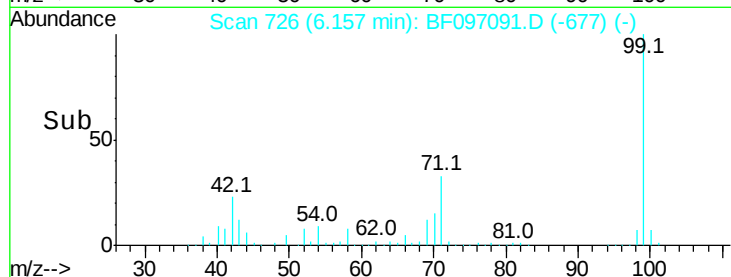
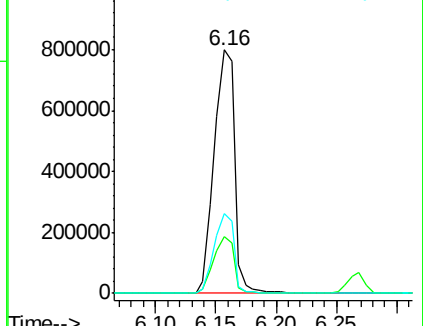
71 32.7 24.5 36.7



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: 2.931 ng

RT: 6.17 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF097091.D

Acq: 26 Jul 2017 22:38

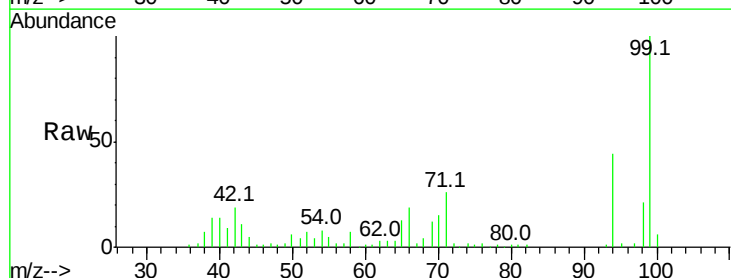
Tgt Ion: 94 Resp: 28746

Ion Ratio Lower Upper

94 100

65 30.7 9.9 49.9

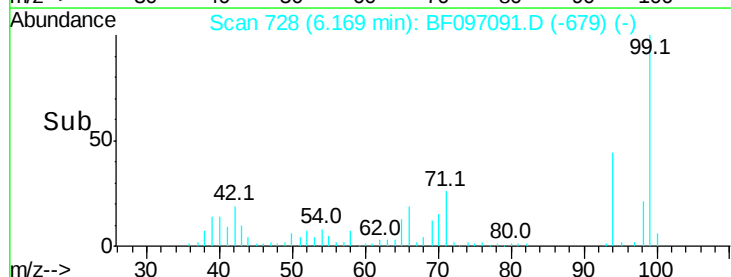
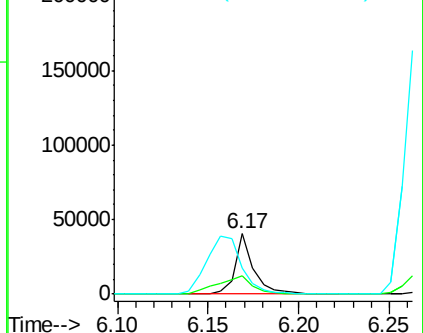
66 43.5 23.1 63.1

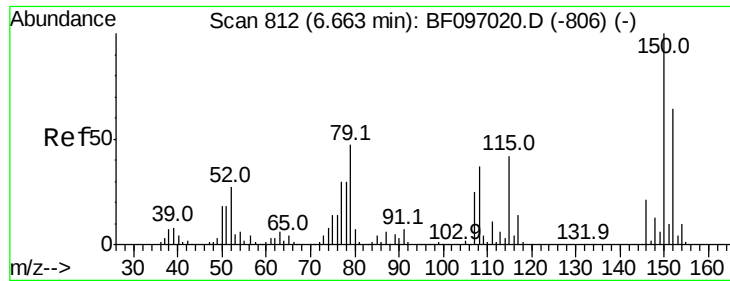


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 2.115 ng

RT: 6.65 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF097091.D

Acq: 26 Jul 2017 22:38

Instrument :

BNA_F

ClientSampleId :

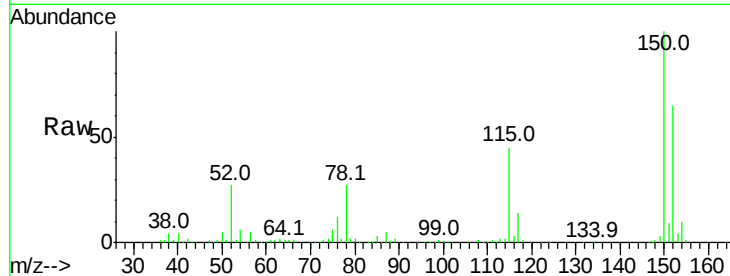
Tot Ion: 79 Resp: 11071

Ion Ratio Lower Upper

79 100

108 30.3 63.4 95.0#

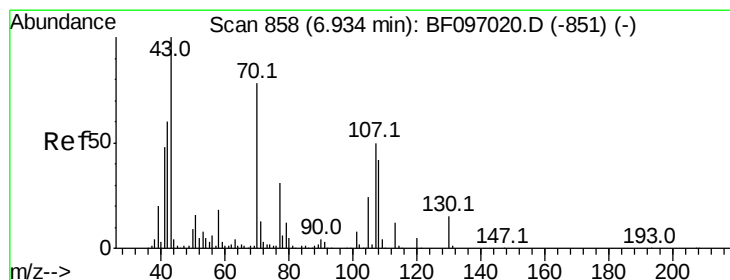
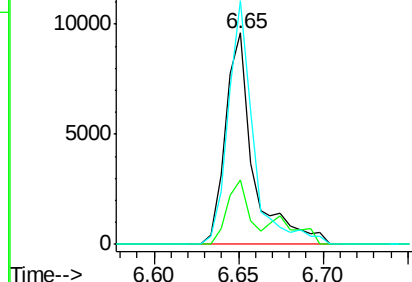
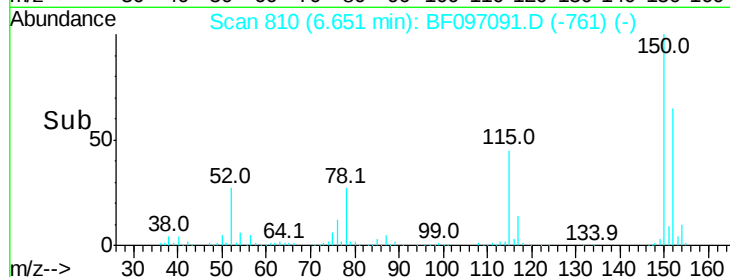
77 115.3 49.2 73.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 14.013 ng

RT: 7.06 min Scan# 880

Delta R.T. 0.13 min

Lab File: BF097091.D

Acq: 26 Jul 2017 22:38

Tgt Ion: 70 Resp: 76256

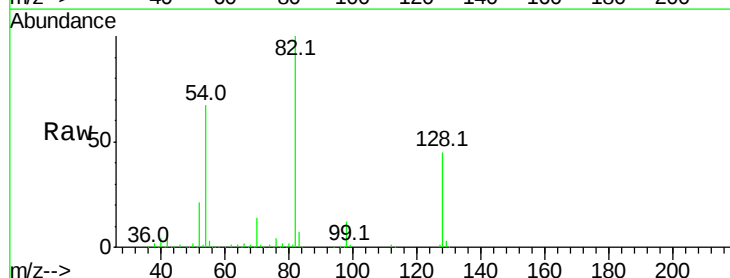
Ion Ratio Lower Upper

70 100

42 60.4 47.2 70.8

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#

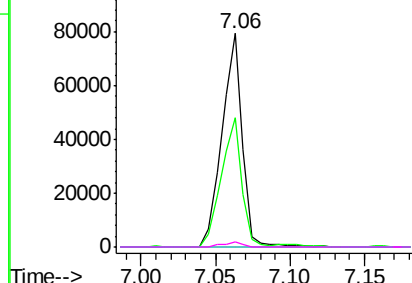
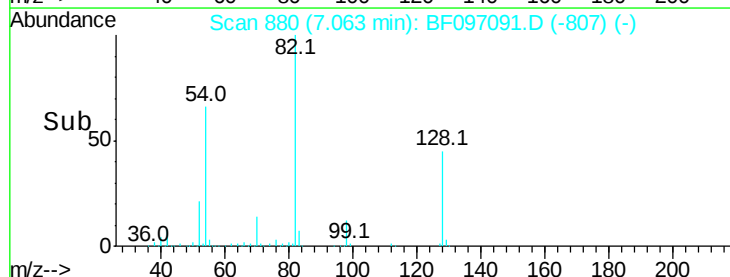


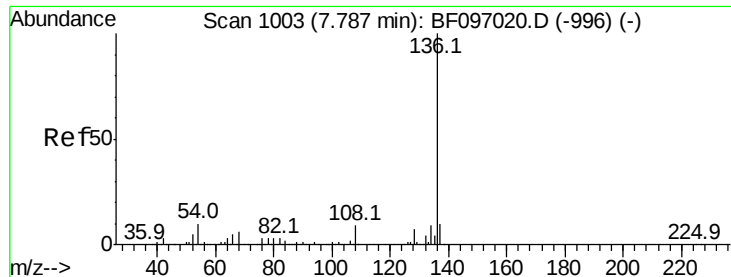
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

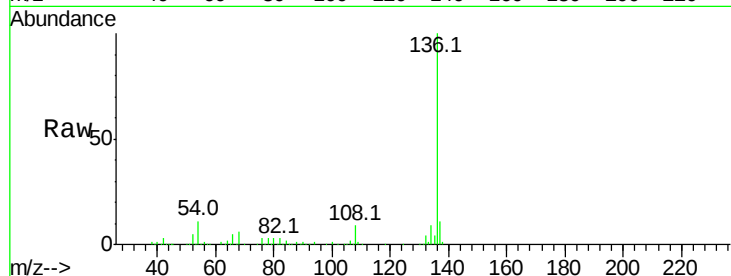




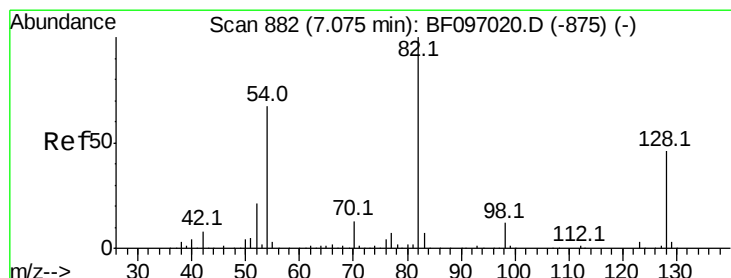
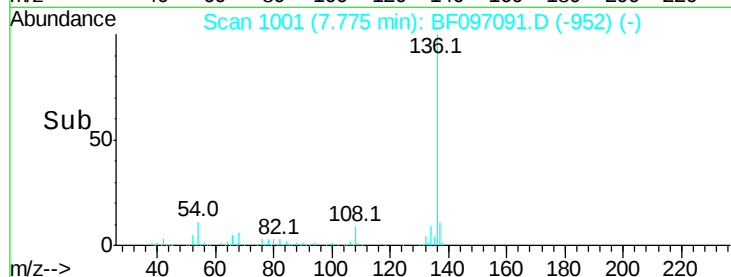
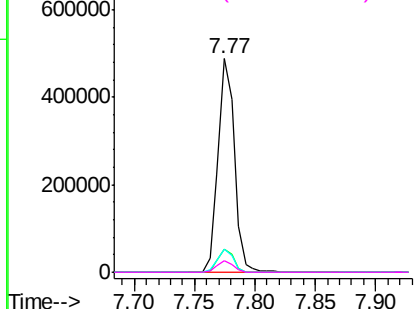
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.77 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF097091.D
Acq: 26 Jul 2017 22:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 454558
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 10.5 4.9 7.3#
68 5.6 4.1 6.1

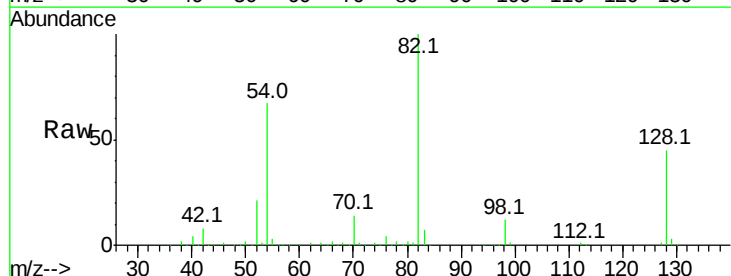


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

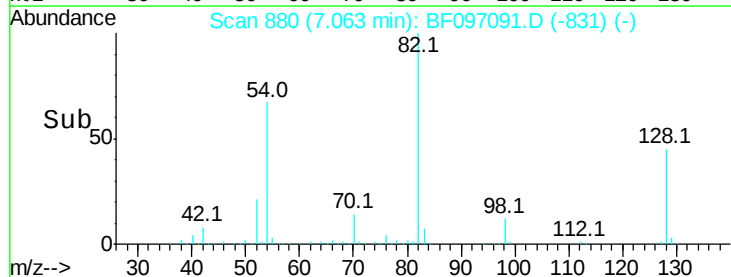
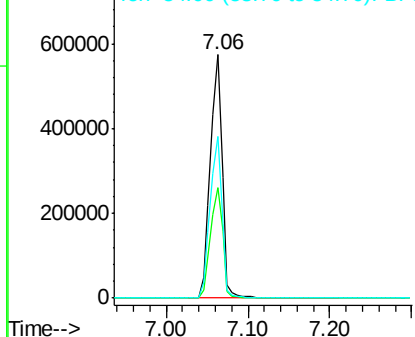


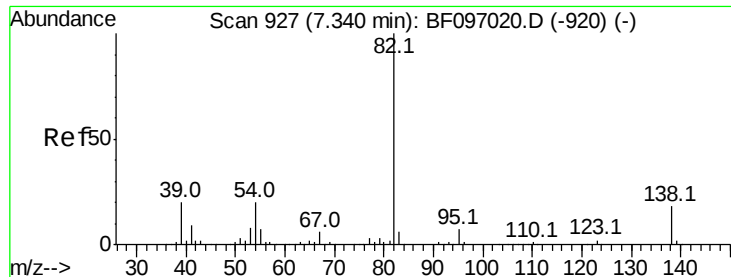
#23
Nitrobenzene-d5
Concen: 74.395 ng
RT: 7.06 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF097091.D
Acq: 26 Jul 2017 22:38

Tgt Ion: 82 Resp: 576447
Ion Ratio Lower Upper
82 100
128 45.4 34.0 51.0
54 66.6 42.2 63.2#



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: 37.959 ng

RT: 7.06 min Scan# 880

Delta R.T. -0.28 min

Lab File: BF097091.D

Acq: 26 Jul 2017 22:38

Instrument :

BNA_F

ClientSampled :

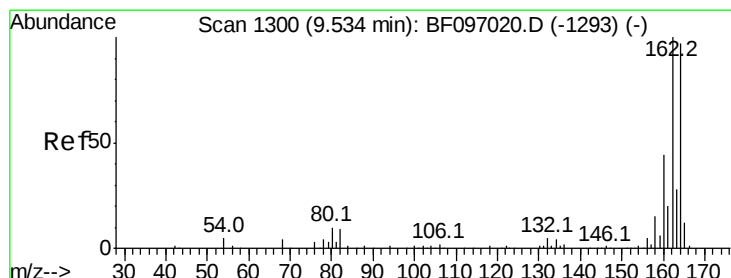
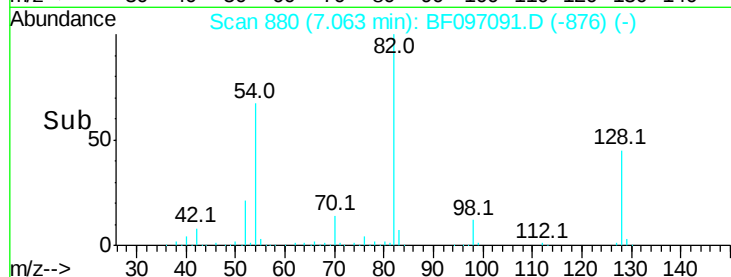
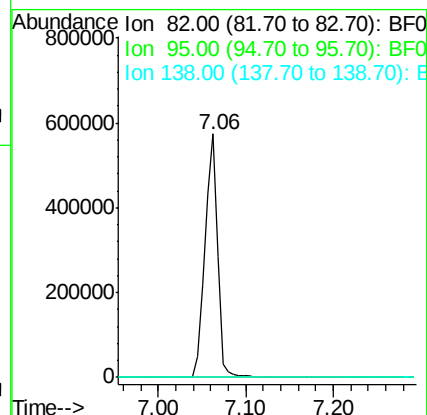
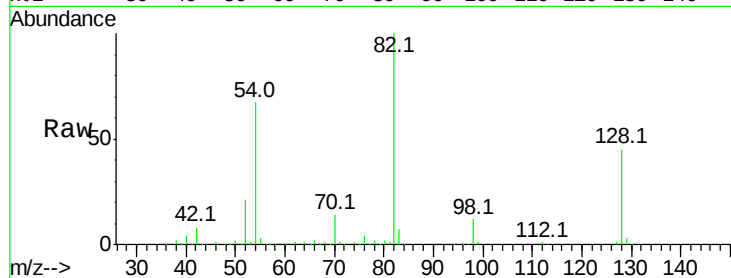
Tot Ion: 82 Resp: 576014

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

138 0.0 13.1 19.7#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.52 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF097091.D

Acq: 26 Jul 2017 22:38

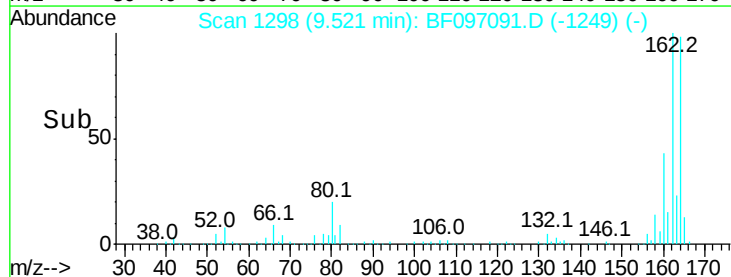
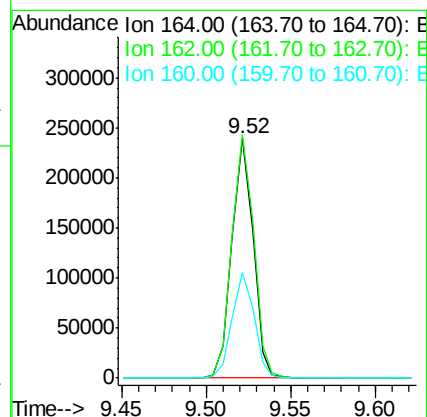
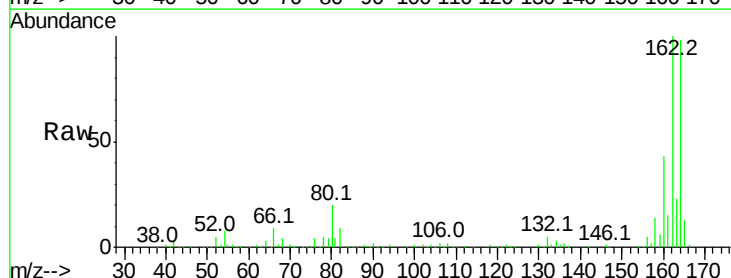
Tgt Ion:164 Resp: 210817

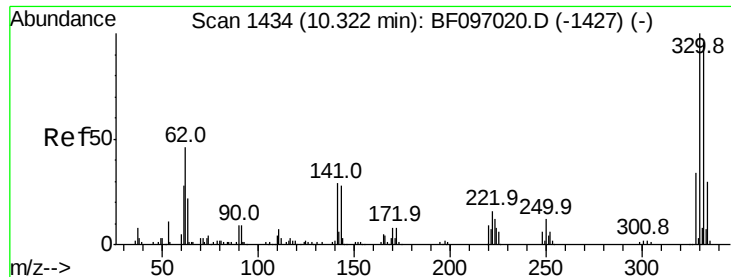
Ion Ratio Lower Upper

164 100

162 101.6 82.6 123.8

160 43.9 36.2 54.2

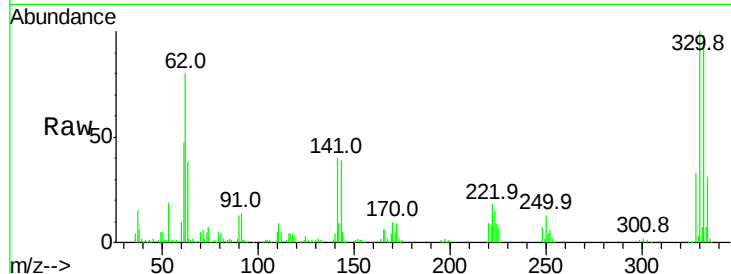




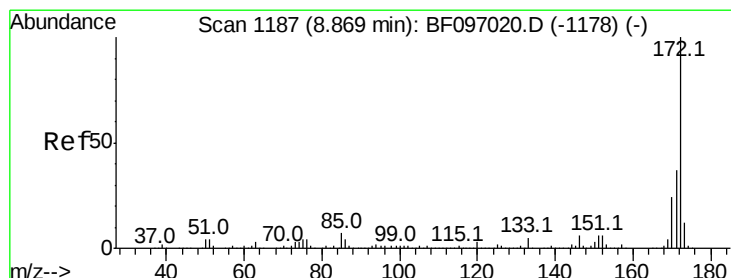
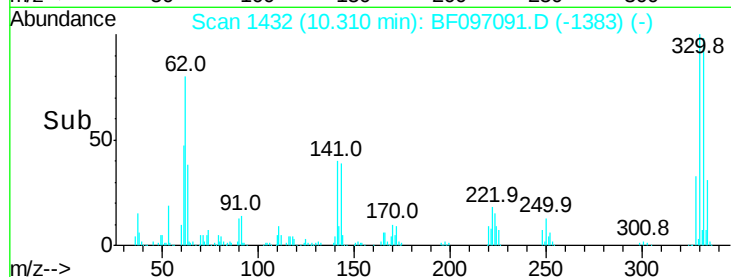
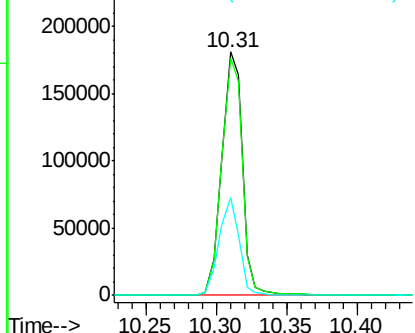
#41
 2,4,6-Tribromophenol
 Concen: 110.818 ng
 RT: 10.31 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF097091.D
 Acq: 26 Jul 2017 22:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	76.6	115.0
141	39.2	31.4	47.2

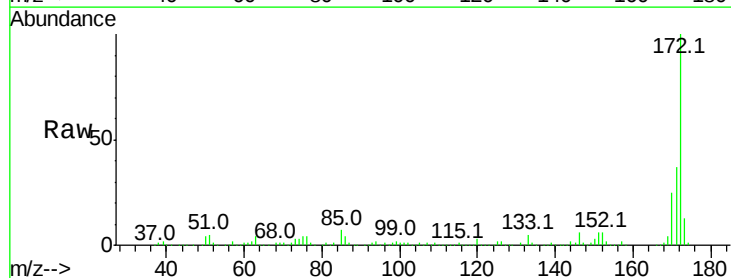


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

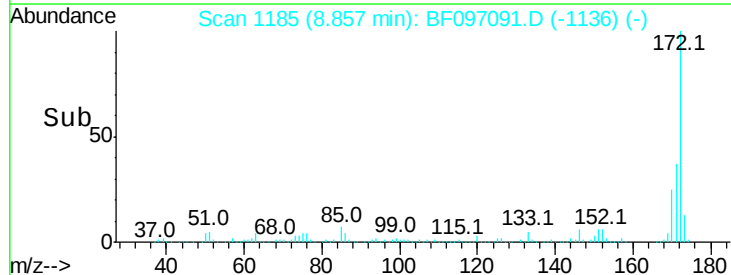
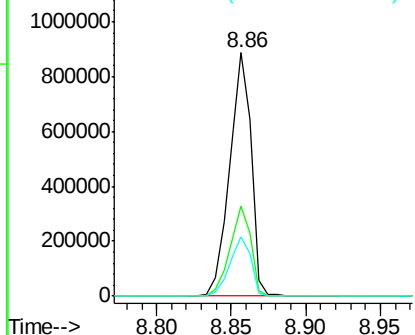


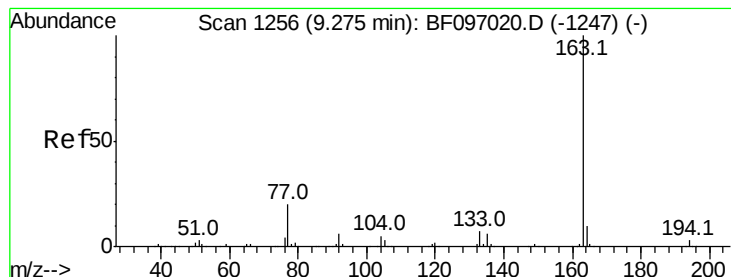
#44
 2-Fluorobiphenyl
 Concen: 72.679 ng
 RT: 8.86 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF097091.D
 Acq: 26 Jul 2017 22:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.6	44.4
170	24.5	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: 8.004 ng

RT: 9.26 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF097091.D

Acq: 26 Jul 2017 22:38

Instrument :

BNA_F

ClientSampleId :

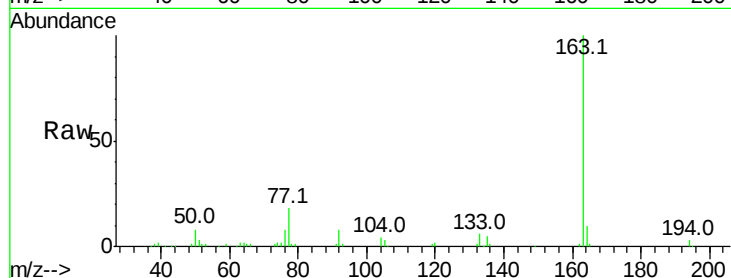
Tot Ion:163 Resp: 128137

Ion Ratio Lower Upper

163 100

194 2.7 2.6 4.0

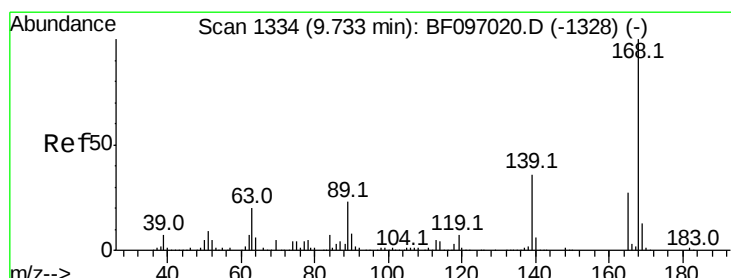
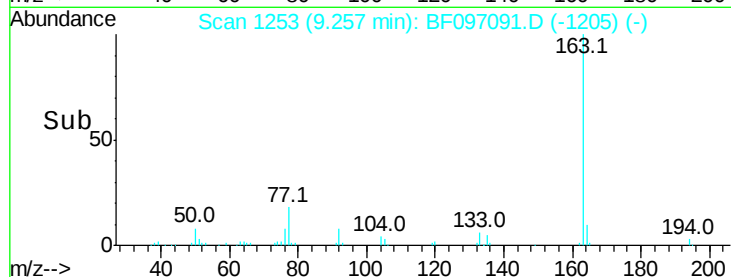
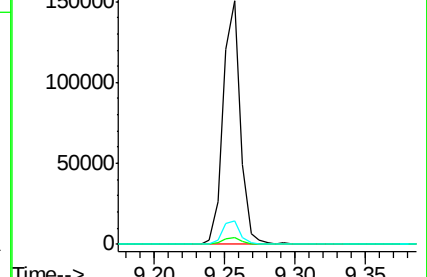
164 9.8 8.4 12.6



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: 6.739 ng

RT: 9.52 min Scan# 1298

Delta R.T. -0.21 min

Lab File: BF097091.D

Acq: 26 Jul 2017 22:38

Tgt Ion:165 Resp: 26306

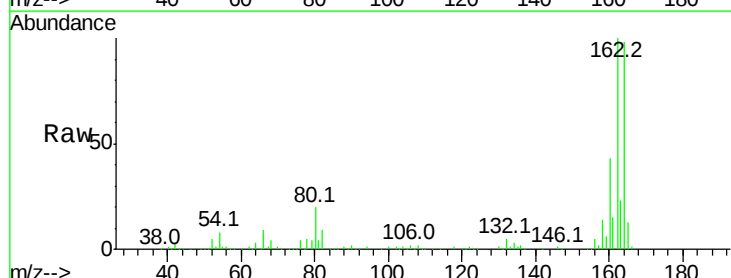
Ion Ratio Lower Upper

165 100

63 1.3 25.4 38.0#

89 1.1 46.4 69.6#

182 0.0 1.8 2.6#

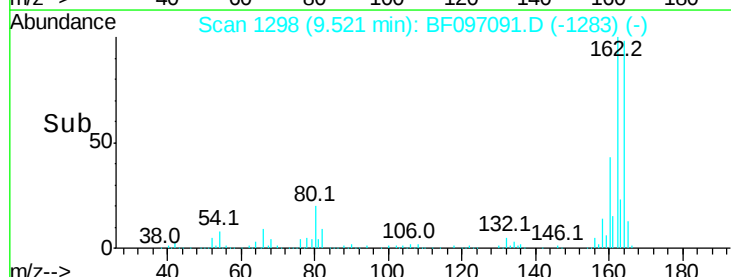
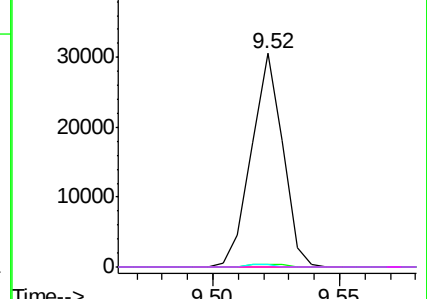


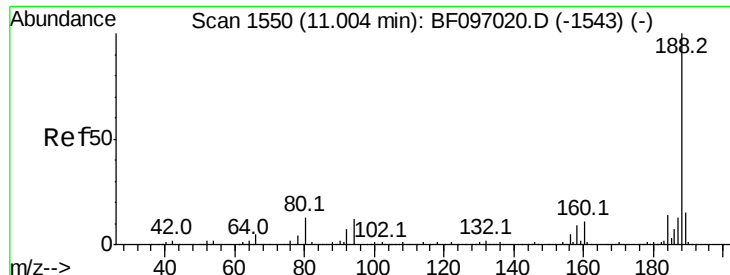
Abundance Ion 165.00 (164.70 to 165.70): E

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

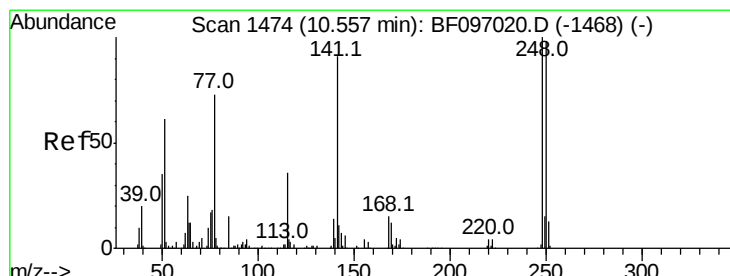
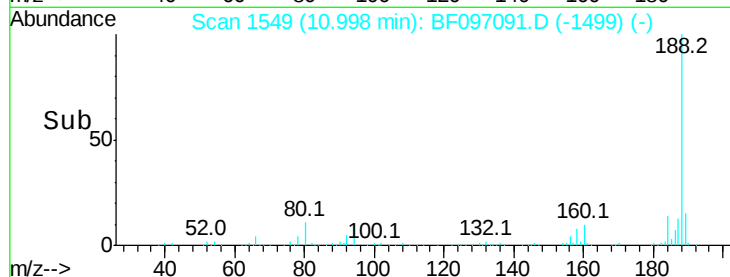
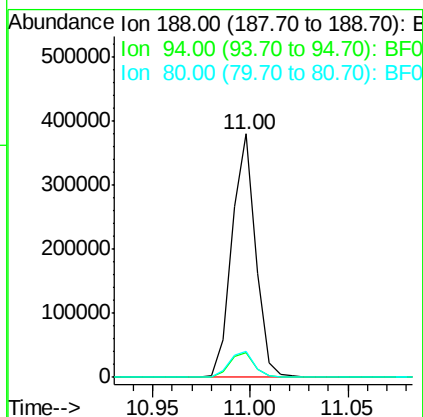
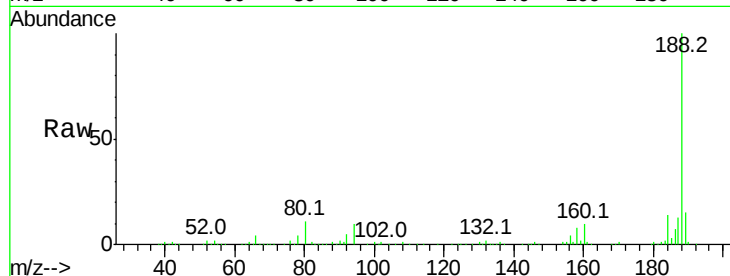




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.00 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF097091.D
 Acq: 26 Jul 2017 22:38

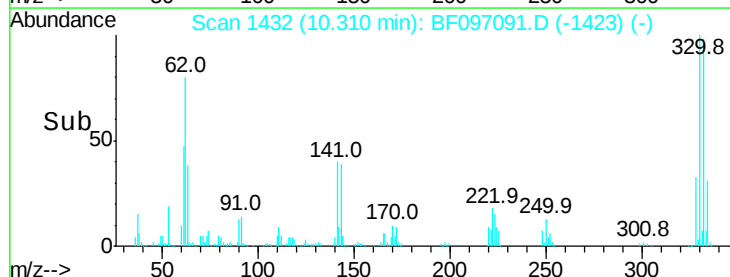
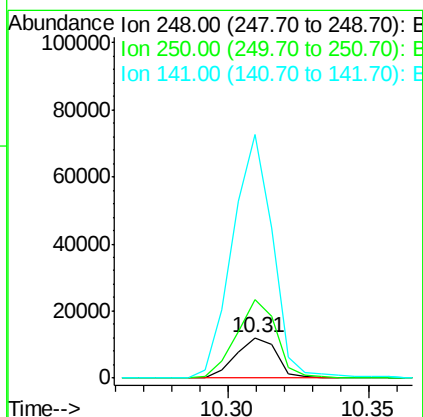
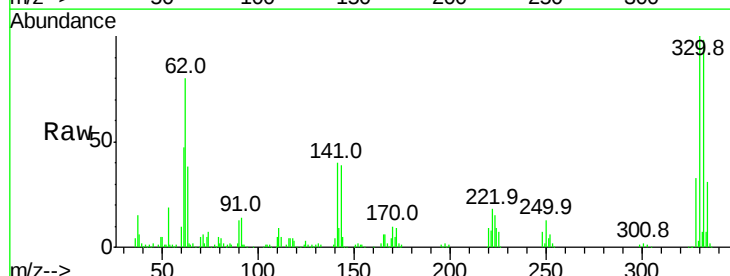
Instrument :
 BNA_F
 ClientSampleId :

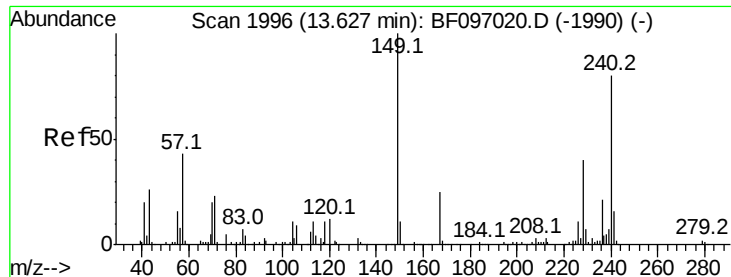
Tot Ion:188 Resp: 317941
 Ion Ratio Lower Upper
 188 100
 94 10.1 9.4 14.2
 80 10.8 10.2 15.2



#66
 4-Bromophenyl-phenylether
 Concen: 3.782 ng
 RT: 10.31 min Scan# 1432
 Delta R.T. -0.25 min
 Lab File: BF097091.D
 Acq: 26 Jul 2017 22:38

Tgt Ion:248 Resp: 12001
 Ion Ratio Lower Upper
 248 100
 250 193.0 76.8 115.2#
 141 598.3 68.6 103.0#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.62 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF097091.D

Acq: 26 Jul 2017 22:38

Instrument :

BNA_F

ClientSampleId :

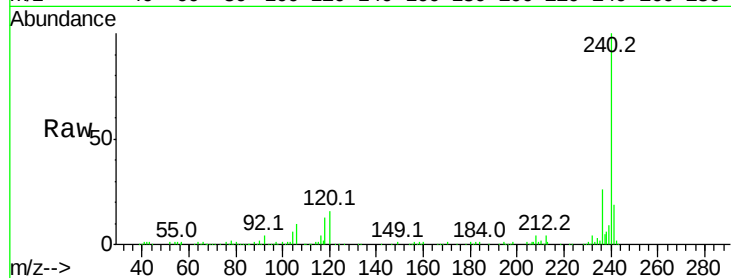
Tot Ion:240 Resp: 220474

Ion Ratio Lower Upper

240 100

120 15.7 5.8 8.8#

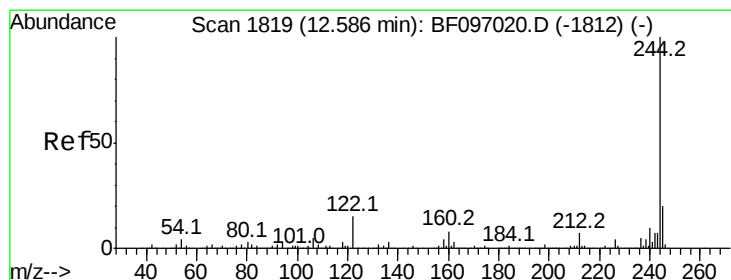
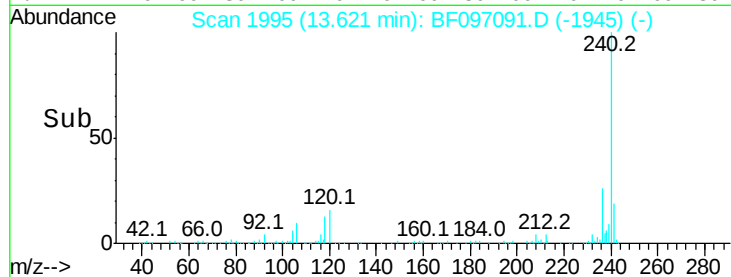
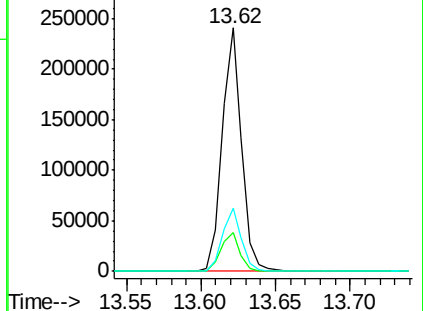
236 26.0 20.5 30.7



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: 65.861 ng

RT: 12.59 min Scan# 1819

Delta R.T. -0.00 min

Lab File: BF097091.D

Acq: 26 Jul 2017 22:38

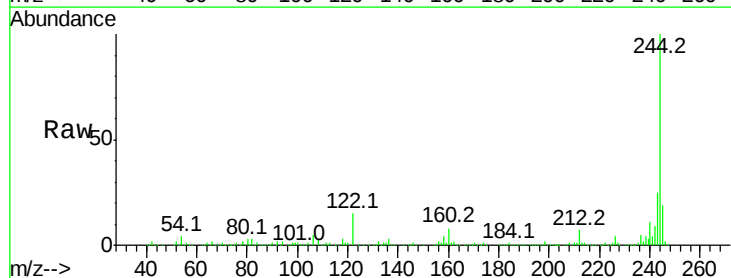
Tgt Ion:244 Resp: 712201

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

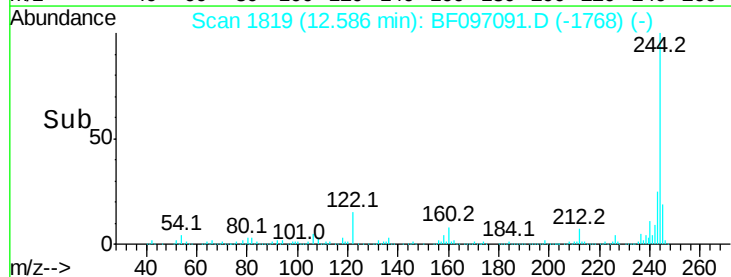
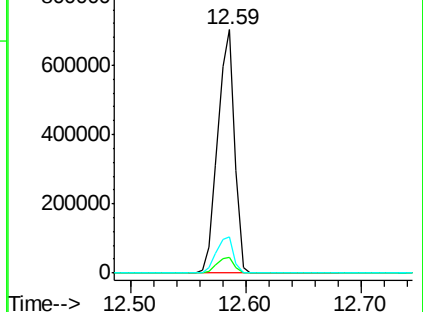
122 14.9 10.3 15.5

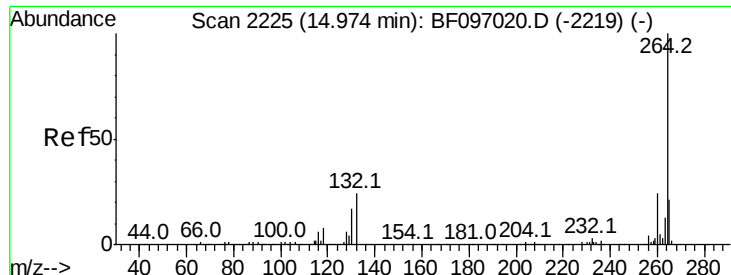


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

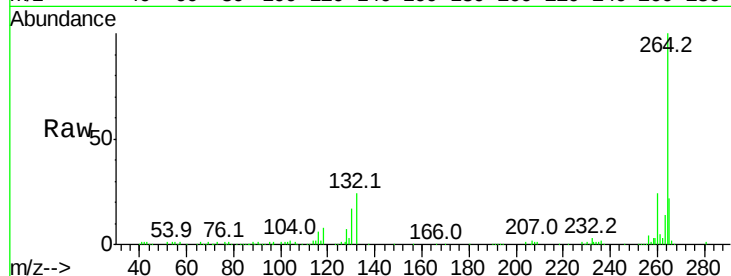




#86
Pervlene-d12
Concen: 20.000 ng
RT: 14.97 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BF097091.D
Acq: 26 Jul 2017 22:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	22.1	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

