

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
 Data File : BF097054.D
 Acq On : 26 Jul 2017 3:48
 Operator : SJ/JU
 Sample : I4363-01RE
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 26 04:15:02 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

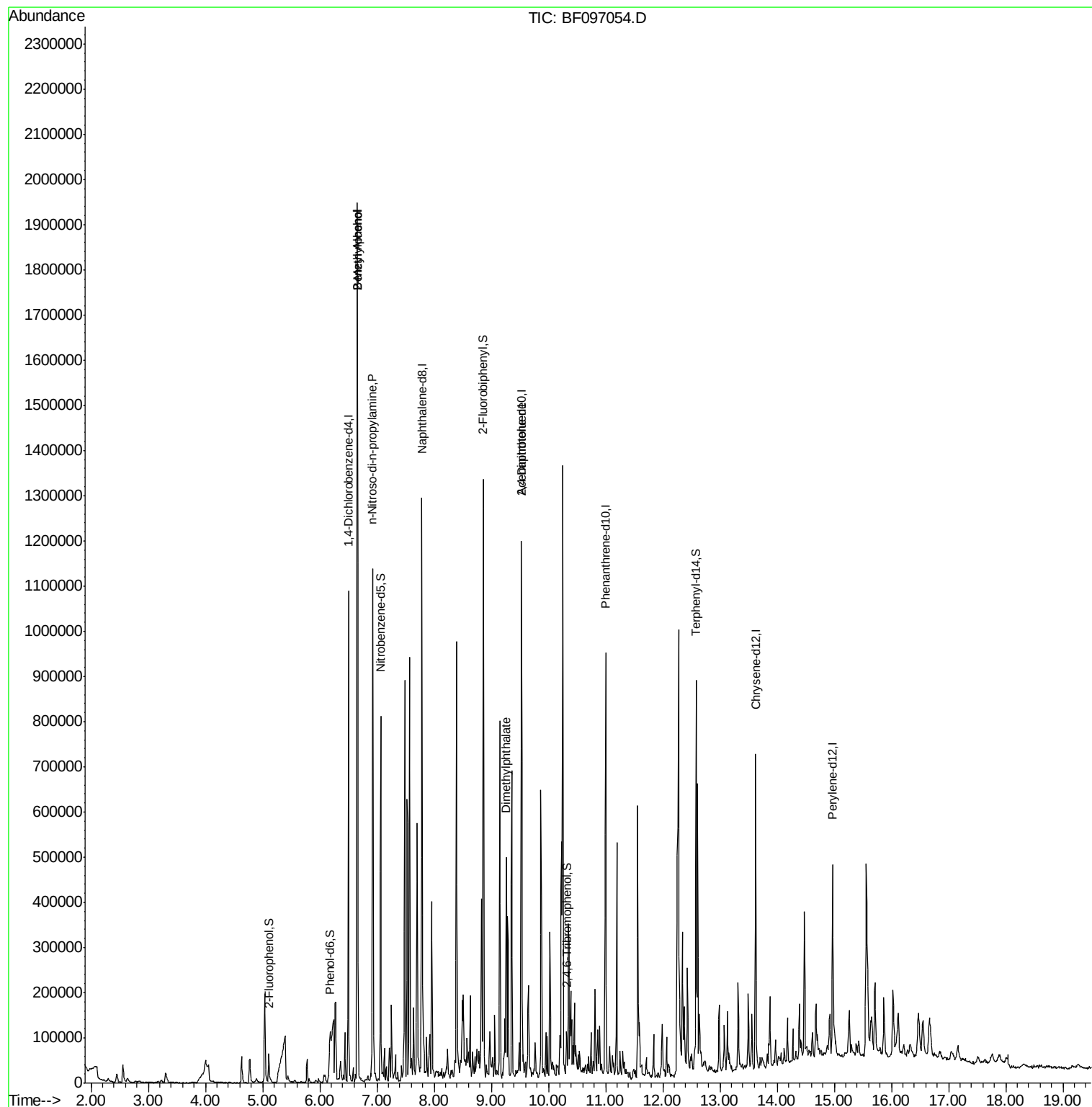
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	139048	20.00	ng	0.00
21) Naphthalene-d8	7.78	136	545196	20.00	ng	0.00
38) Acenaphthene-d10	9.53	164	209615	20.00	ng	0.00
63) Phenanthrene-d10	11.00	188	291254	20.00	ng	0.00
75) Chrysene-d12	13.62	240	227167	20.00	ng	0.00
86) Perylene-d12	14.97	264	165616	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	23497	2.55	ng	0.00
7) Phenol-d6	6.17	99	25214	2.39	ng	0.00
23) Nitrobenzene-d5	7.06	82	210943	22.70	ng	-0.01
41) 2,4,6-Tribromophenol	10.32	330	6772	4.09	ng	0.00
44) 2-Fluorobiphenyl	8.86	172	413478	33.48	ng	0.00
78) Terphenyl-d14	12.58	244	252578	22.67	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.65	79	68169	10.23	ng	# 84
17) 2-Methylphenol	6.65	107	35588	4.68	ng	# 1
19) n-Nitroso-di-n-propylamine	6.92	70	23611	3.41	ng	# 83
49) Dimethylphthalate	9.26	163	119861	7.53	ng	98
56) 2,4-Dinitrotoluene	9.53	165	26634	6.86	ng	# 34

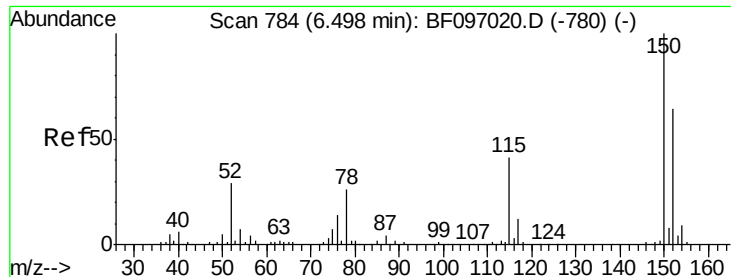
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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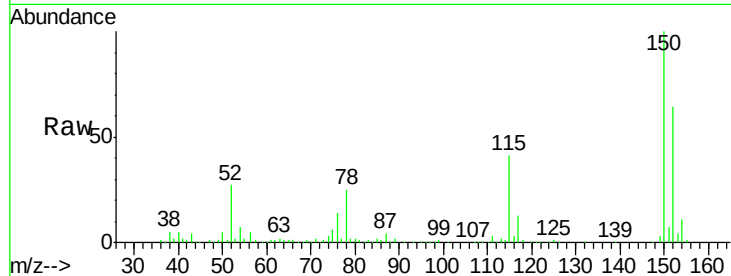


#1

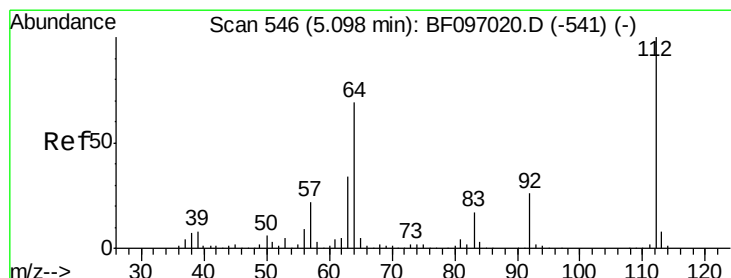
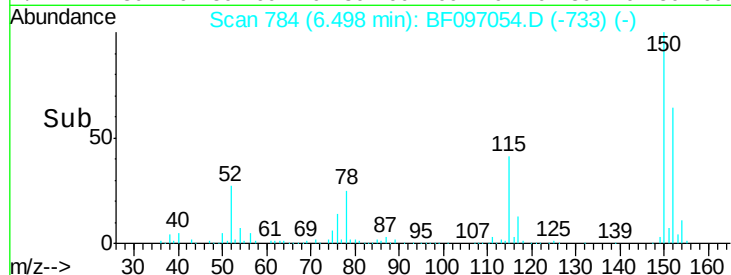
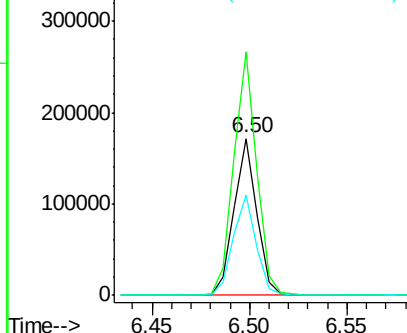
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.50 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF097054.D
Acq: 26 Jul 2017 3:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 139048
Ion Ratio Lower Upper
152 100
150 155.3 126.2 189.2
115 63.6 52.2 78.2



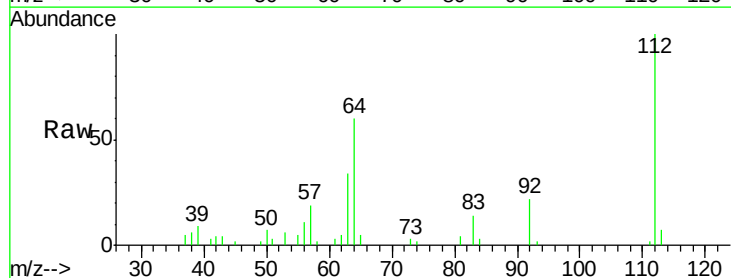
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



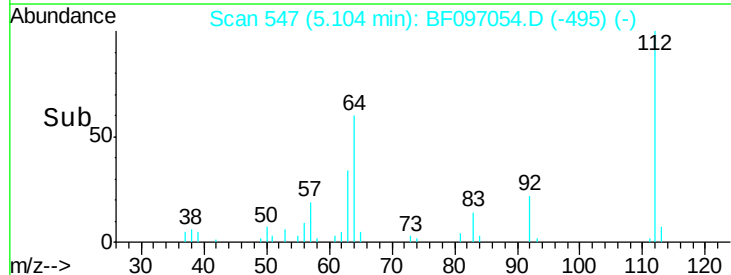
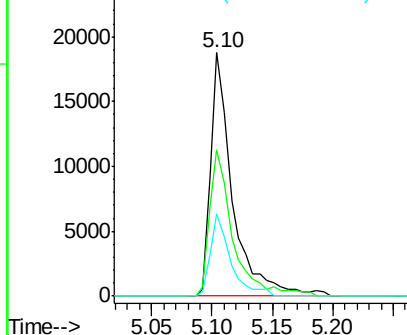
#5

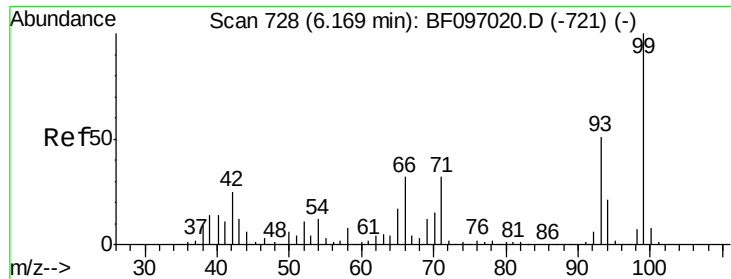
2-Fluorophenol
Concen: 2.55 ng
RT: 5.10 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF097054.D
Acq: 26 Jul 2017 3:48

Tgt Ion:112 Resp: 23497
Ion Ratio Lower Upper
112 100
64 60.2 46.0 69.0
63 33.7 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: 2.39 ng

RT: 6.17 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF097054.D

Acq: 26 Jul 2017 3:48

Instrument :

BNA_F

ClientSampleId :

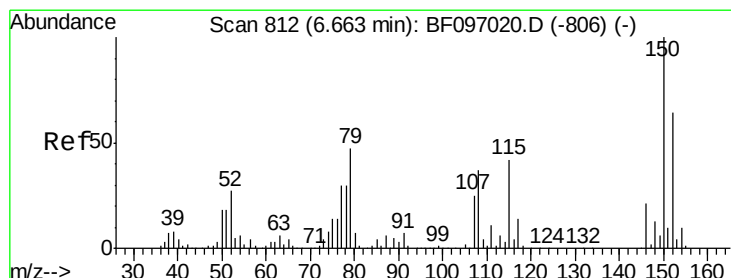
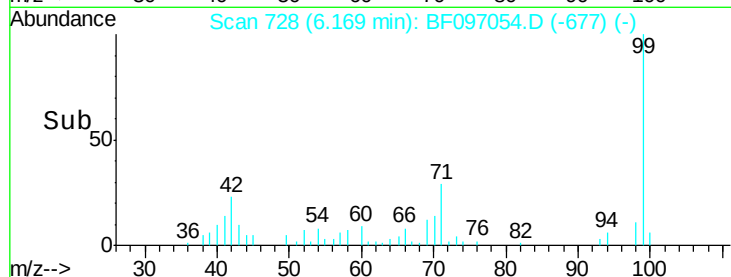
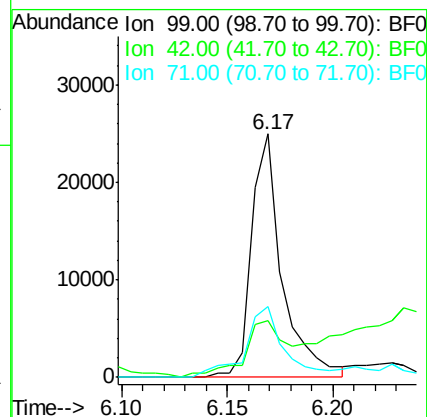
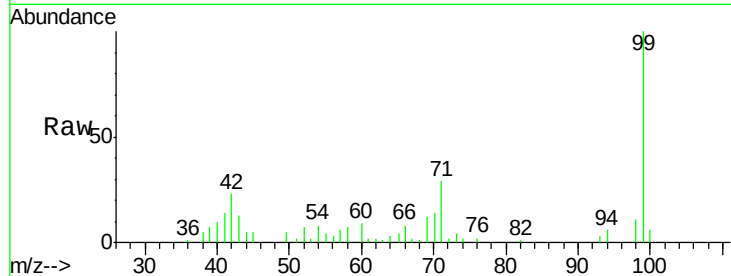
Tot Ion: 99 Resp: 25214

Ion Ratio Lower Upper

99 100

42 23.4 13.5 20.3#

71 29.2 24.5 36.7



#15

Benzyl Alcohol

Concen: 10.23 ng

RT: 6.65 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF097054.D

Acq: 26 Jul 2017 3:48

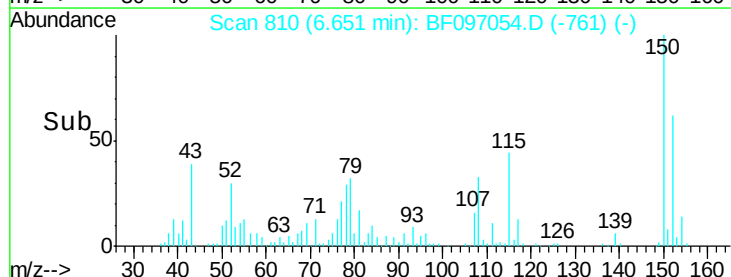
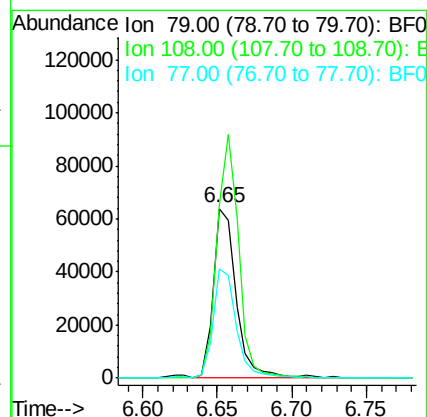
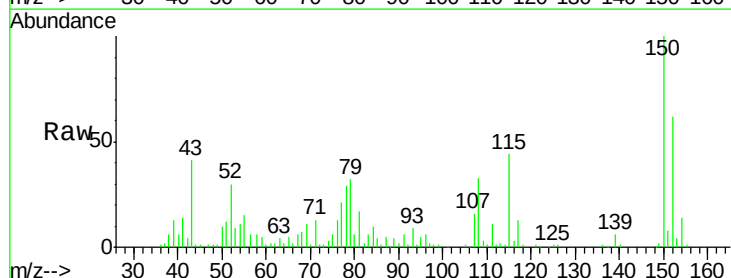
Tgt Ion: 79 Resp: 68169

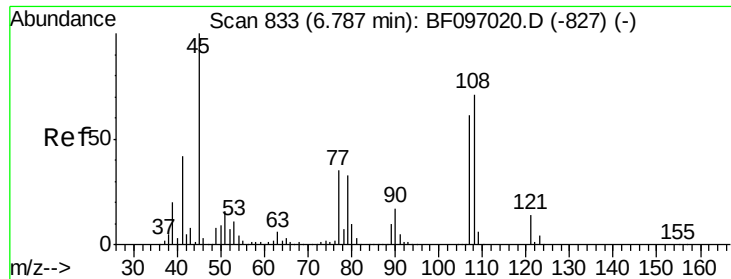
Ion Ratio Lower Upper

79 100

108 102.4 63.4 95.0#

77 64.0 49.2 73.8





#17

2-Methylphenol

Concen: 4.68 ng

RT: 6.65 min Scan# 810

Delta R.T. -0.14 min

Lab File: BF097054.D

Acq: 26 Jul 2017 3:48

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 35588

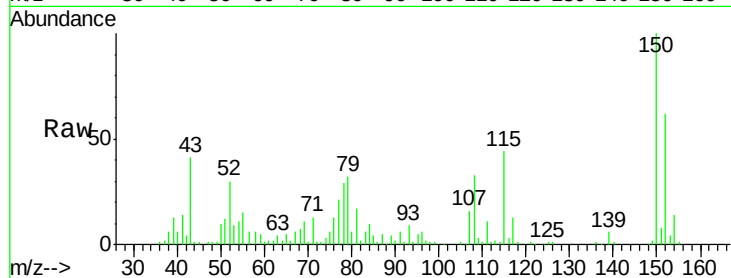
Ion Ratio Lower Upper

107 100

108 207.0 93.4 140.0#

77 129.4 35.8 53.6#

79 202.2 34.8 52.2#

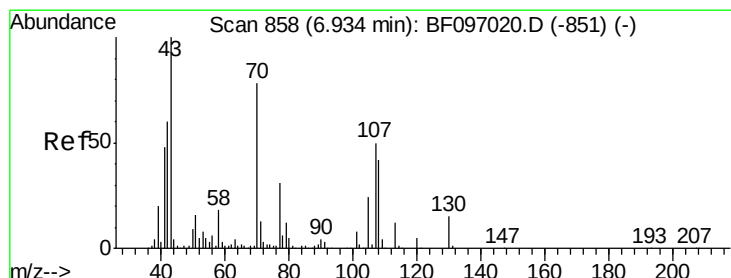
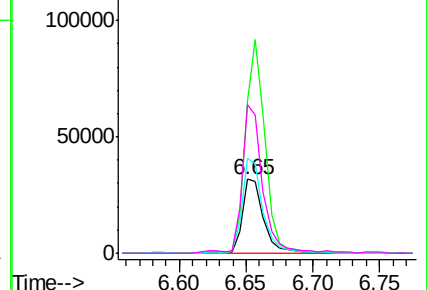
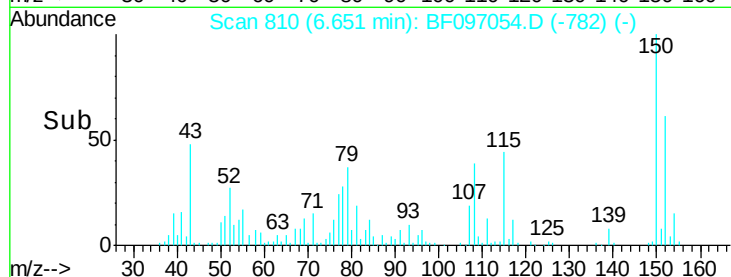


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 3.41 ng

RT: 6.92 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF097054.D

Acq: 26 Jul 2017 3:48

Tgt Ion: 70 Resp: 23611

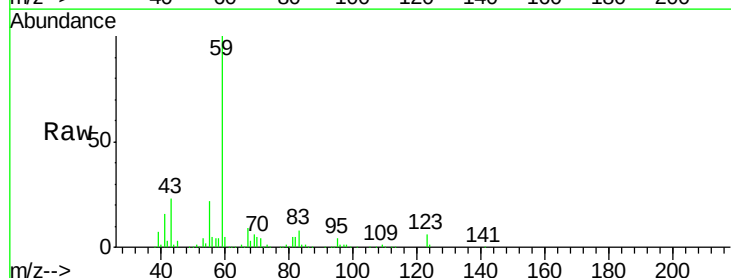
Ion Ratio Lower Upper

70 100

42 51.7 47.2 70.8

101 5.8 7.2 10.8#

130 0.0 15.9 23.9#

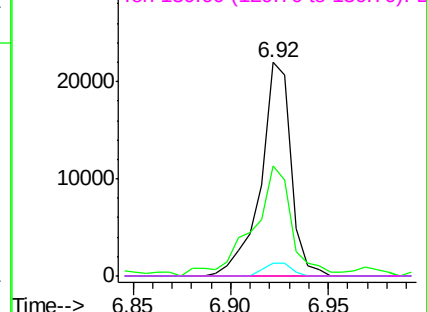
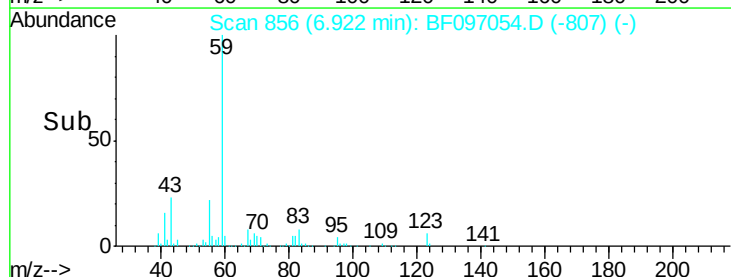


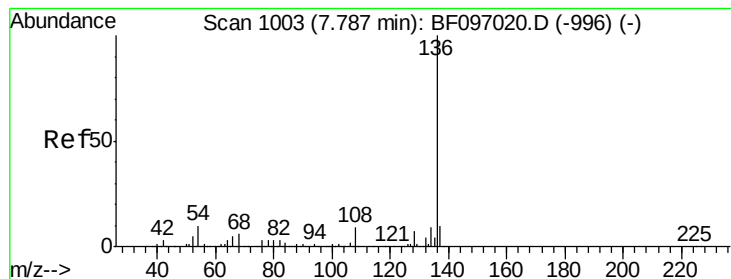
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.78 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF097054.D

Acq: 26 Jul 2017 3:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 136 Resp: 545196

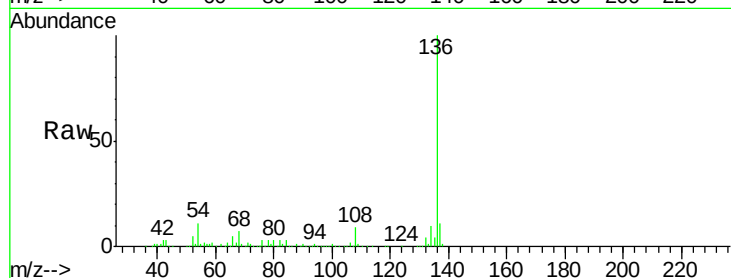
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 11.3 4.9 7.3#

68 6.6 4.1 6.1#

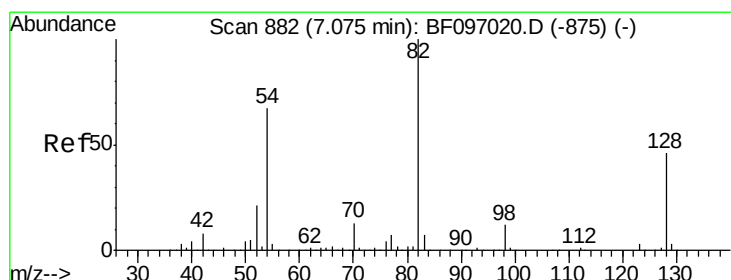
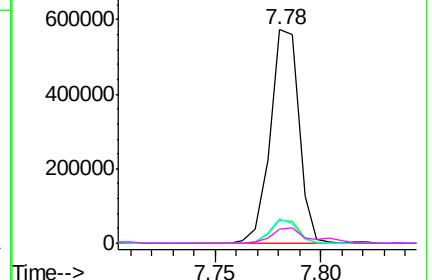
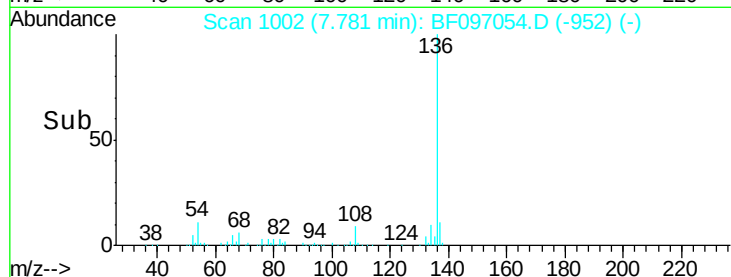


Abundance Ion 136.00 (135.70 to 136.70): E

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: 22.70 ng

RT: 7.06 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF097054.D

Acq: 26 Jul 2017 3:48

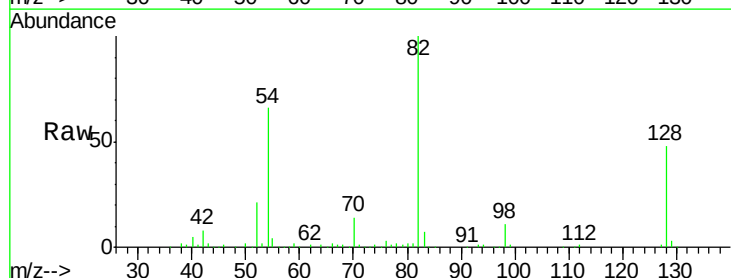
Tgt Ion: 82 Resp: 210943

Ion Ratio Lower Upper

82 100

128 47.6 34.0 51.0

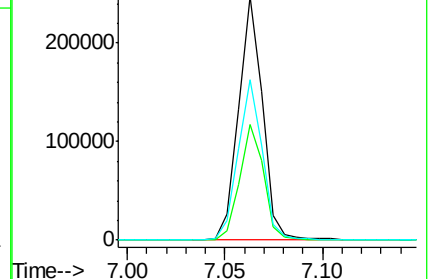
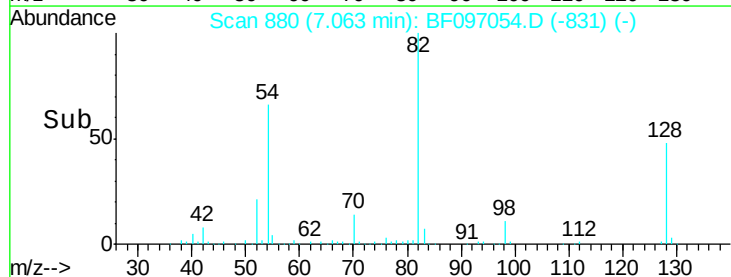
54 66.1 42.2 63.2#

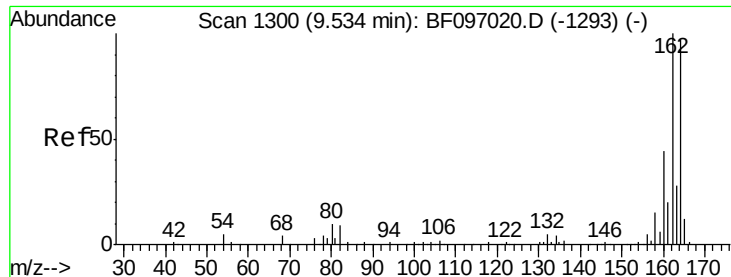


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

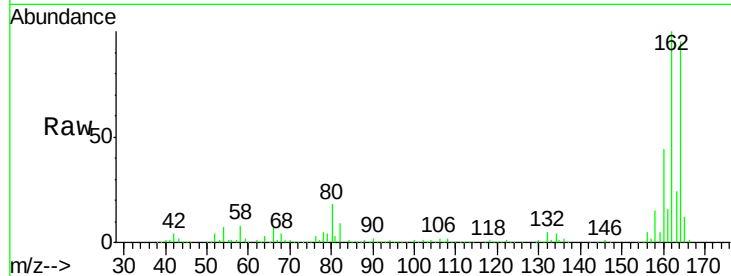




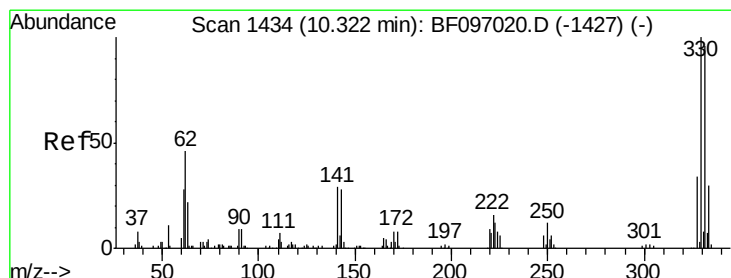
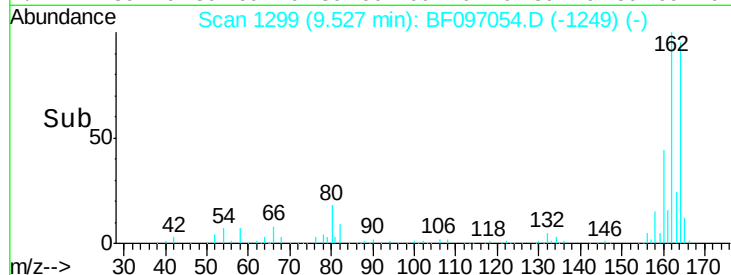
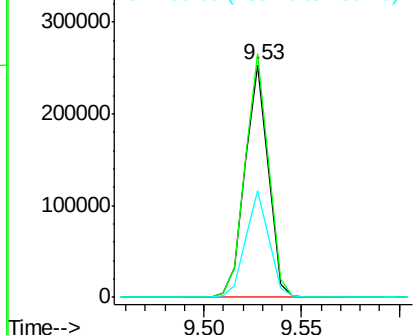
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.53 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF097054.D
 Acq: 26 Jul 2017 3:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 209615
 Ion Ratio Lower Upper
 164 100
 162 104.9 82.6 123.8
 160 46.0 36.2 54.2

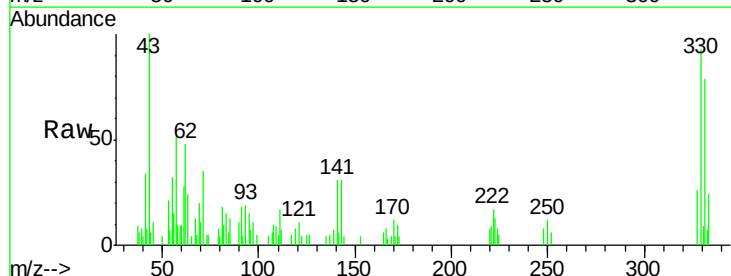


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

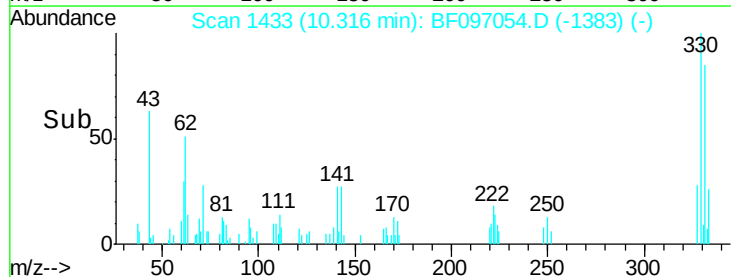
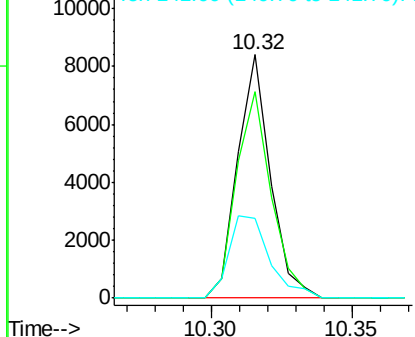


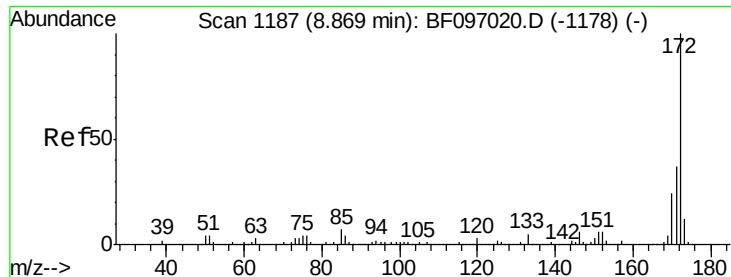
#41
 2,4,6-Tribromophenol
 Concen: 4.09 ng
 RT: 10.32 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF097054.D
 Acq: 26 Jul 2017 3:48

Tgt Ion:330 Resp: 6772
 Ion Ratio Lower Upper
 330 100
 332 90.8 76.6 115.0
 141 42.6 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

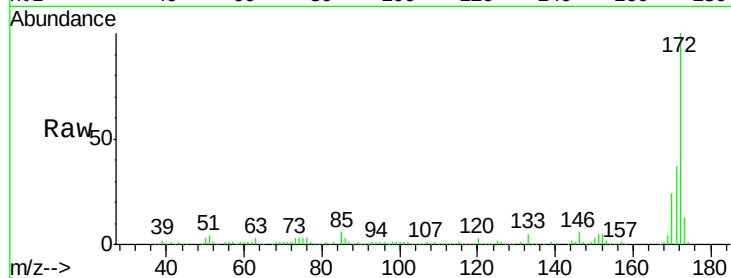




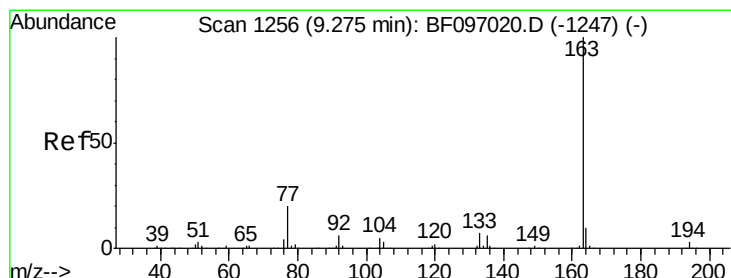
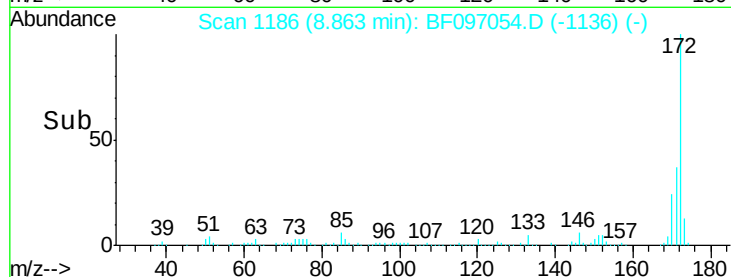
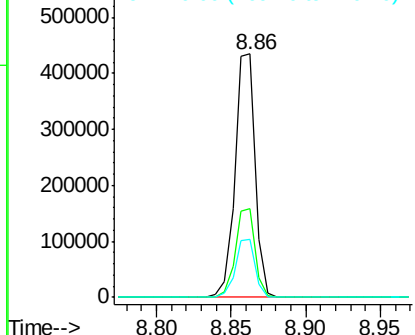
#44
2-Fluorobiphenyl
Concen: 33.48 ng
RT: 8.86 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF097054.D
Acq: 26 Jul 2017 3:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 413478
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 23.8 19.8 29.8

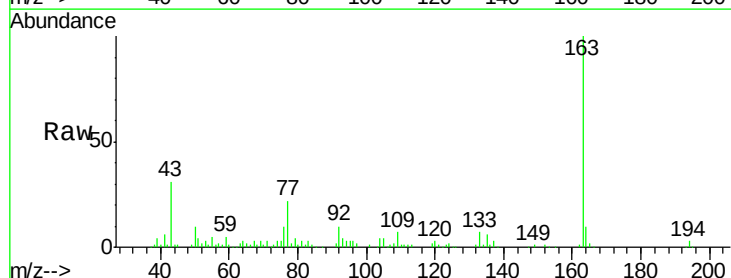


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

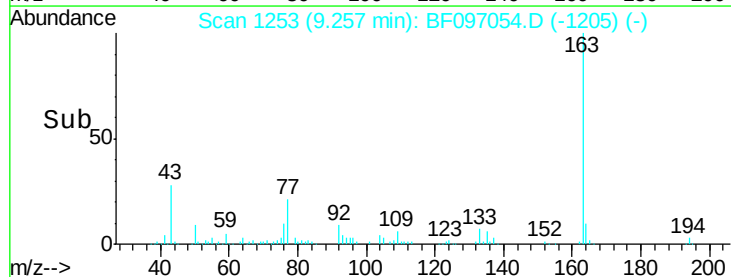
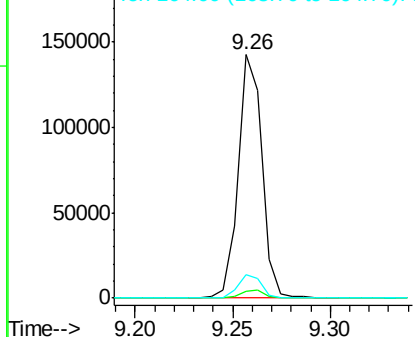


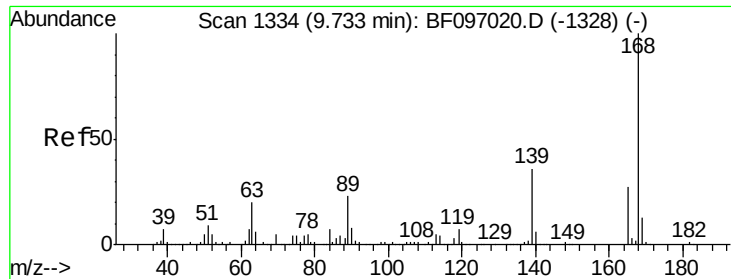
#49
Dimethylphthalate
Concen: 7.53 ng
RT: 9.26 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF097054.D
Acq: 26 Jul 2017 3:48

Tgt Ion:163 Resp: 119861
Ion Ratio Lower Upper
163 100
194 2.7 2.6 4.0
164 9.7 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

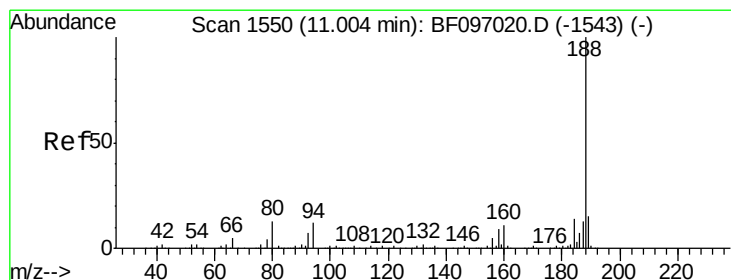
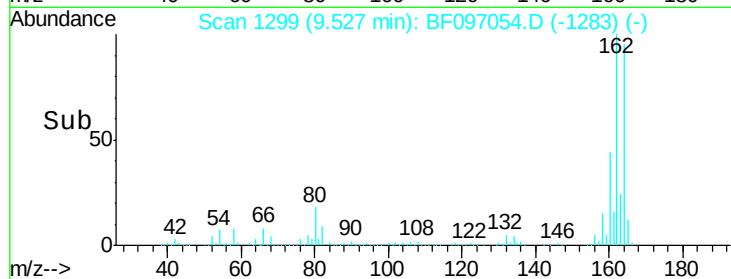
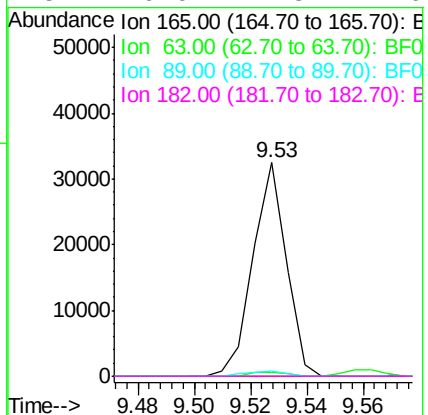
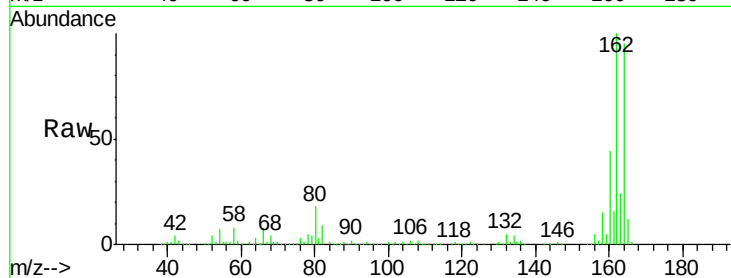




#56
 2,4-Dinitrotoluene
 Concen: 6.86 ng
 RT: 9.53 min Scan# 1299
 Delta R.T. -0.21 min
 Lab File: BF097054.D
 Acq: 26 Jul 2017 3:48

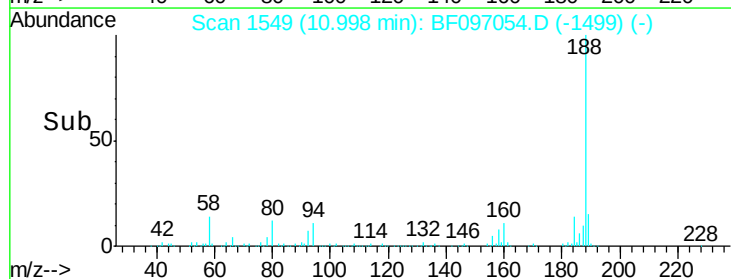
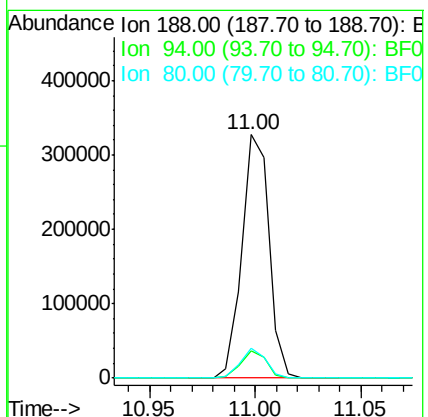
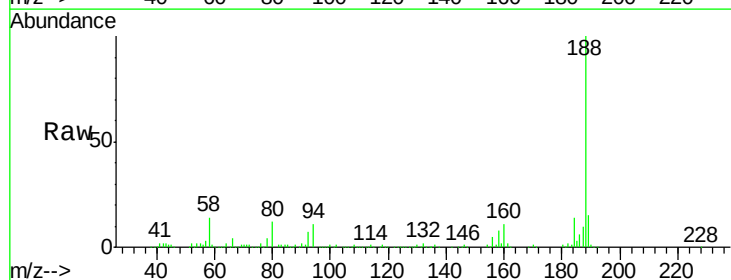
Instrument :
 BNA_F
 ClientSampleId :

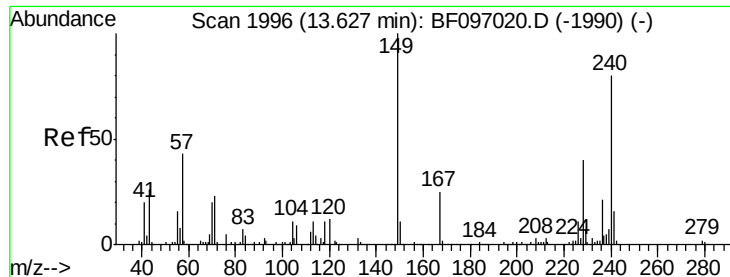
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	25.4	38.0#
89	2.3	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.00 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF097054.D
 Acq: 26 Jul 2017 3:48

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.2	9.4	14.2
80	12.3	10.2	15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.62 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF097054.D

Acq: 26 Jul 2017 3:48

Instrument :

BNA_F

ClientSampleId :

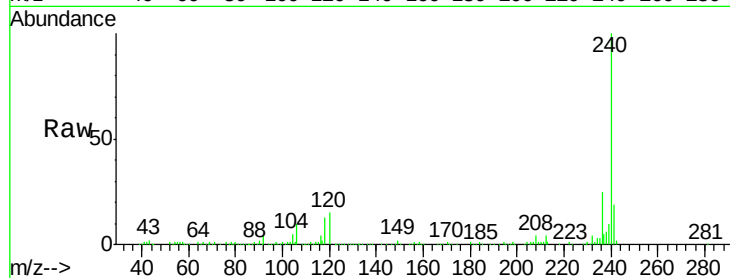
Tot Ion:240 Resp: 227167

Ion Ratio Lower Upper

240 100

120 15.1 5.8 8.8#

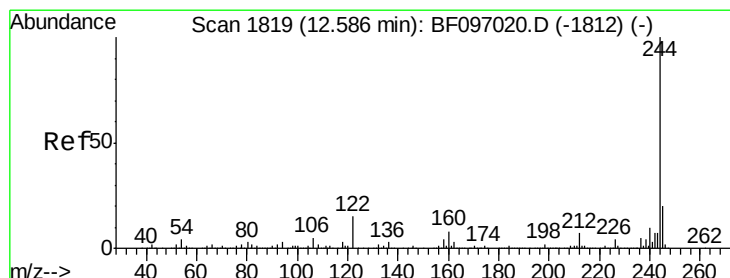
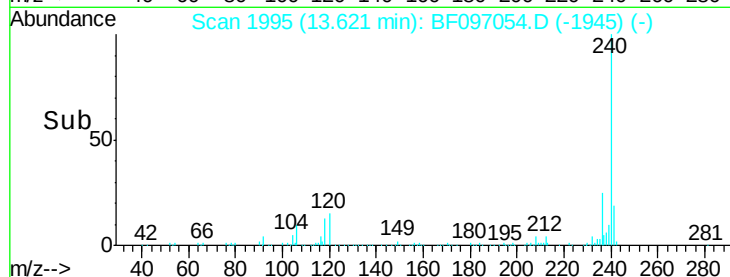
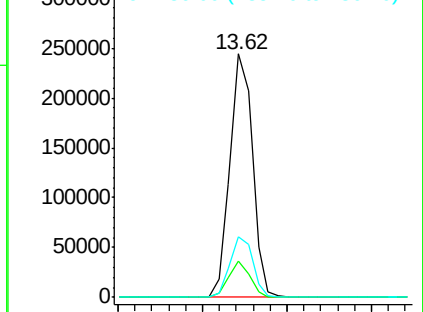
236 25.0 20.5 30.7



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: 22.67 ng

RT: 12.58 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF097054.D

Acq: 26 Jul 2017 3:48

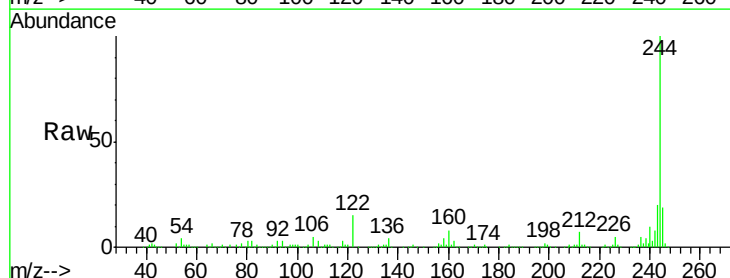
Tgt Ion:244 Resp: 252578

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

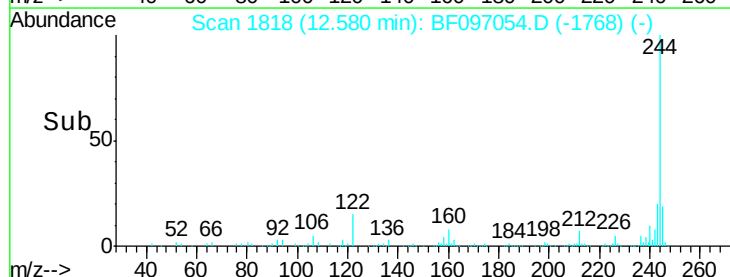
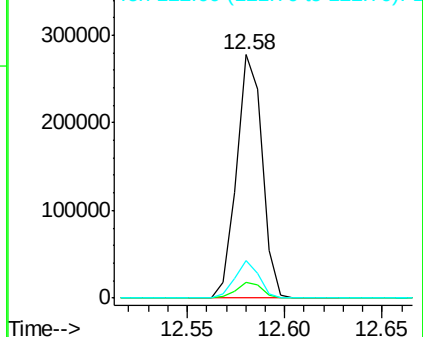
122 15.3 10.3 15.5

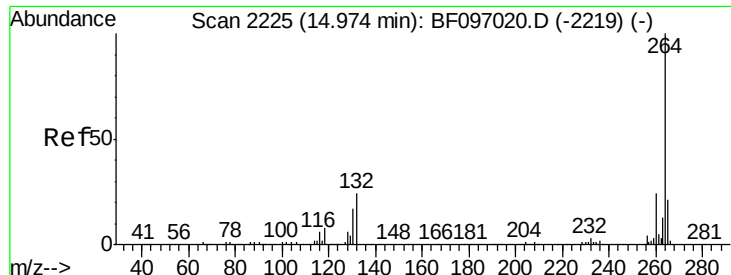


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

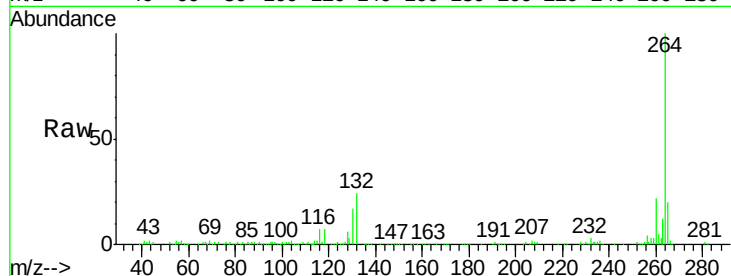




#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.97 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BF097054.D
Acq: 26 Jul 2017 3:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.7	19.5	29.3
265	20.1	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

