

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
 Data File : BF097084.D
 Acq On : 26 Jul 2017 19:26
 Operator : SJ/JU
 Sample : I4369-01RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 27 08:18:35 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

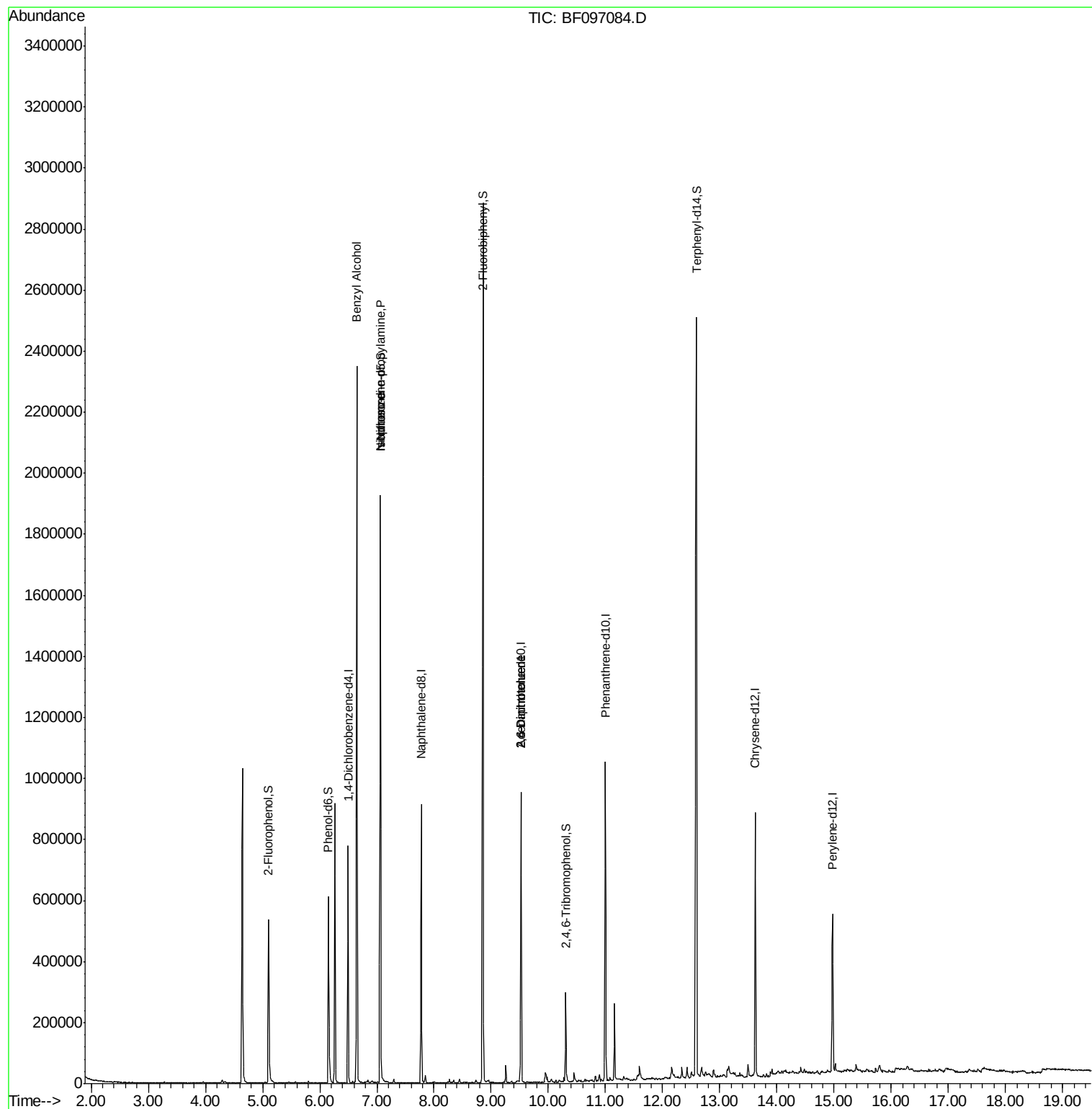
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	109385	20.00	ng	0.00
21) Naphthalene-d8	7.77	136	443436	20.00	ng	-0.01
38) Acenaphthene-d10	9.52	164	199266	20.00	ng	-0.01
63) Phenanthrene-d10	11.00	188	351942	20.00	ng	0.00
75) Chrysene-d12	13.62	240	282209	20.00	ng	0.00
86) Perylene-d12	14.97	264	201258	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	178951	24.66	ng	0.00
7) Phenol-d6	6.15	99	203510	24.57	ng	-0.02
23) Nitrobenzene-d5	7.06	82	656064	86.79	ng	-0.01
41) 2,4,6-Tribromophenol	10.31	330	32764	20.81	ng	-0.01
44) 2-Fluorobiphenyl	8.86	172	1128430	96.11	ng	-0.01
78) Terphenyl-d14	12.59	244	929624	67.16	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.65	79	10526	2.007	ng	# 28
19) n-Nitroso-di-n-propylamine	7.06	70	87945	16.129	ng	# 88
25) Isophorone	7.06	82	648731	43.824	ng	# 67
50) 2,6-Dinitrotoluene	9.52	165	25381	7.908	ng	# 34
56) 2,4-Dinitrotoluene	9.52	165	25381	6.879	ng	# 34

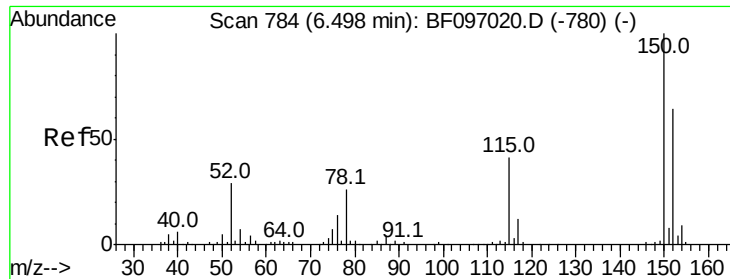
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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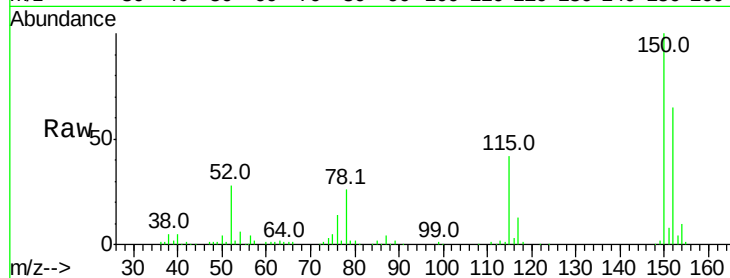


#1

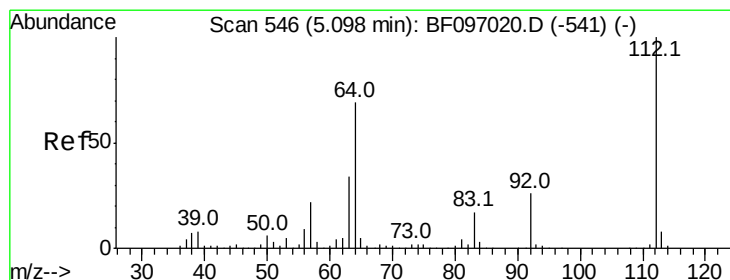
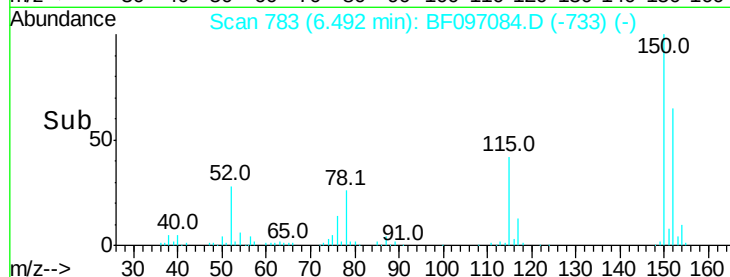
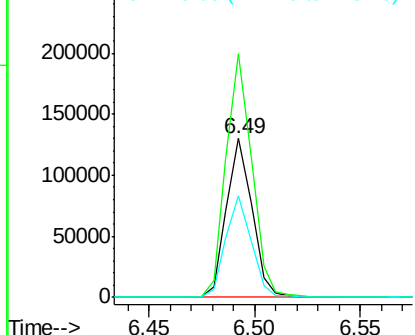
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.49 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF097084.D
Acq: 26 Jul 2017 19:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 109385
Ion Ratio Lower Upper
152 100
150 153.1 126.2 189.2
115 63.7 52.2 78.2



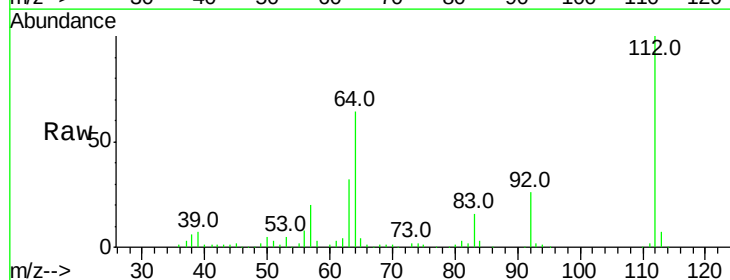
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



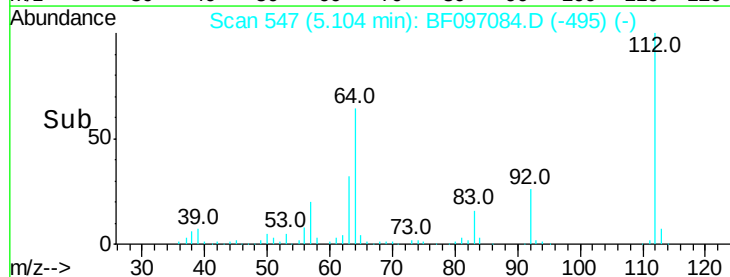
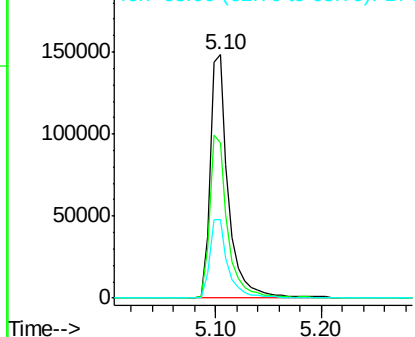
#5

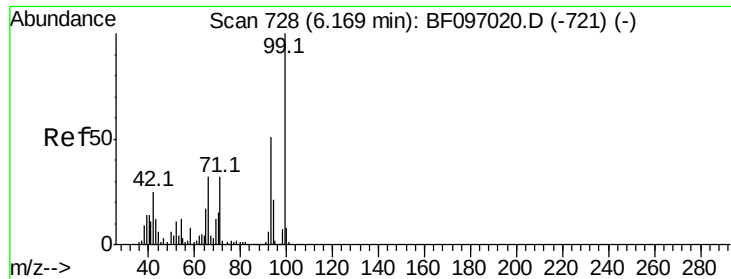
2-Fluorophenol
Concen: 24.662 ng
RT: 5.10 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF097084.D
Acq: 26 Jul 2017 19:26

Tgt Ion:112 Resp: 178951
Ion Ratio Lower Upper
112 100
64 63.5 46.0 69.0
63 32.0 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: 24.567 ng

RT: 6.15 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF097084.D

Acq: 26 Jul 2017 19:26

Instrument :

BNA_F

ClientSampleId :

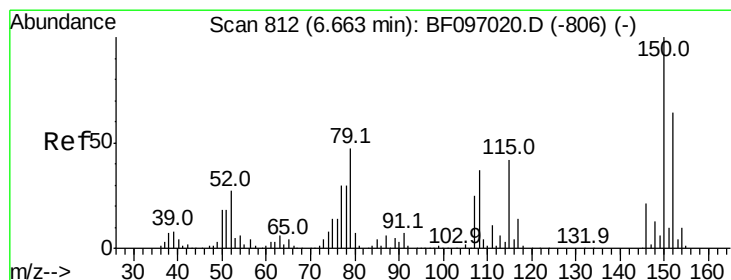
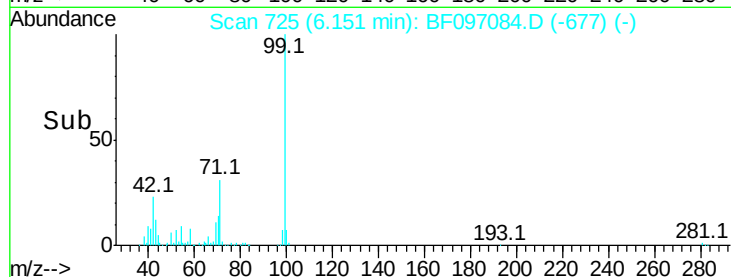
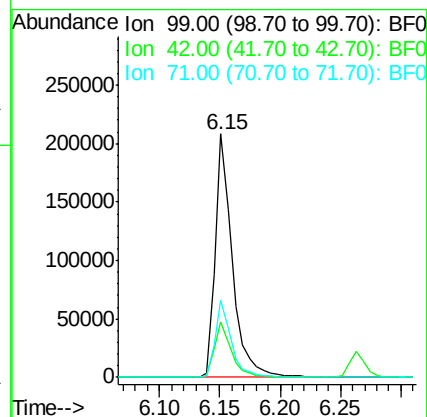
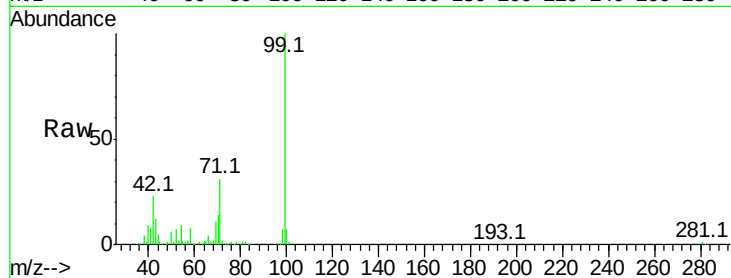
Tot Ion: 99 Resp: 203510

Ion Ratio Lower Upper

99 100

42 22.9 13.5 20.3#

71 31.5 24.5 36.7



#15

Benzyl Alcohol

Concen: 2.007 ng

RT: 6.65 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF097084.D

Acq: 26 Jul 2017 19:26

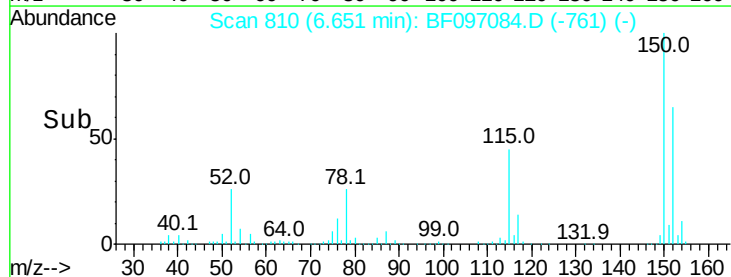
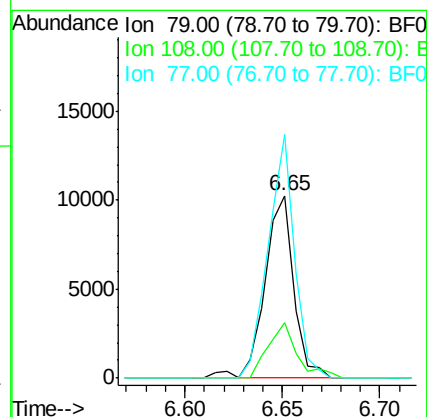
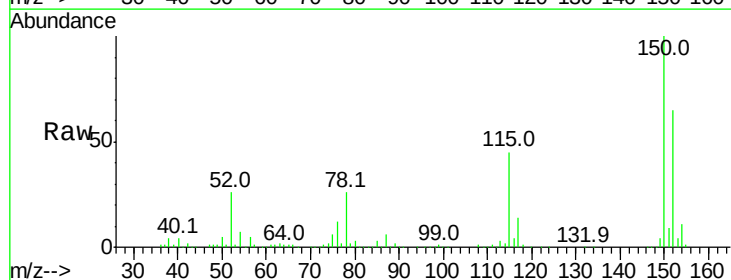
Tgt Ion: 79 Resp: 10526

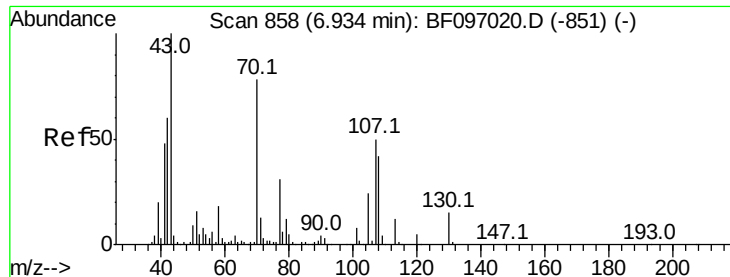
Ion Ratio Lower Upper

79 100

108 30.3 63.4 95.0#

77 133.2 49.2 73.8#

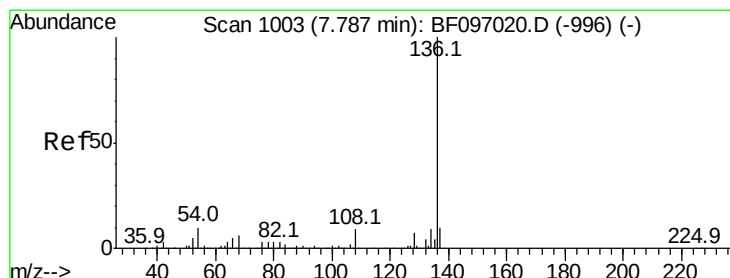
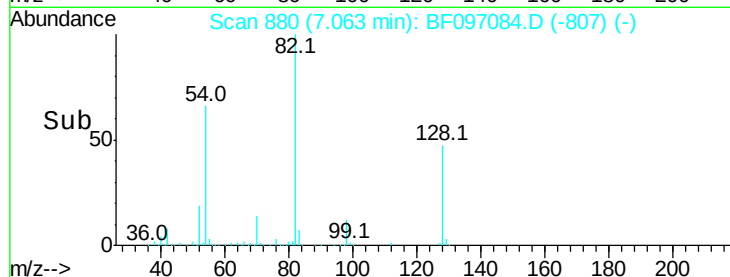
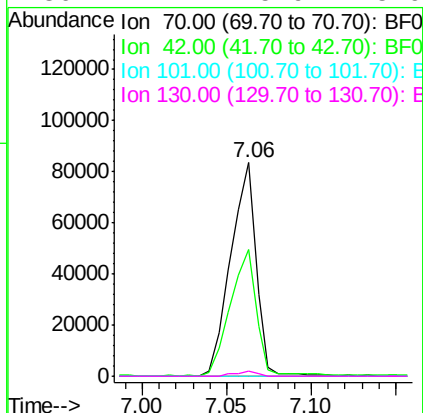
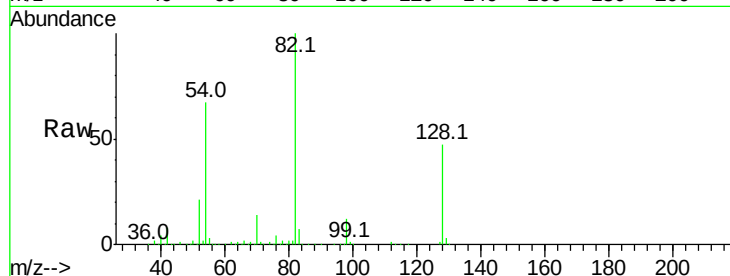




#19
n-Nitroso-di-n-propylamine
Concen: 16.129 ng
RT: 7.06 min Scan# 880
Delta R.T. 0.13 min
Lab File: BF097084.D
Acq: 26 Jul 2017 19:26

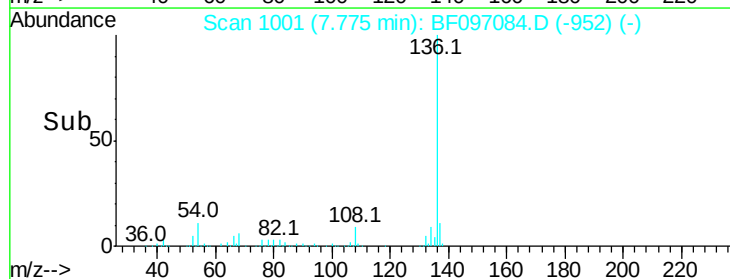
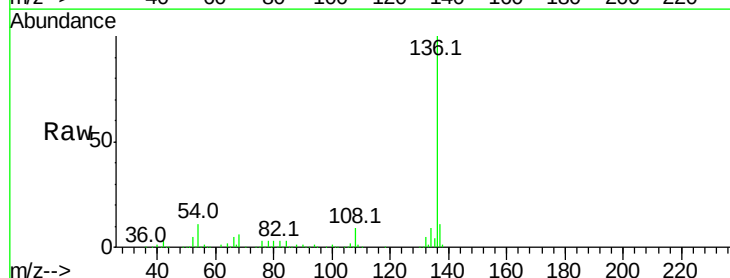
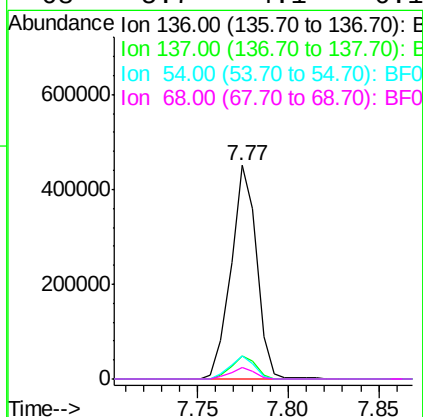
Instrument :
BNA_F
ClientSampleId :

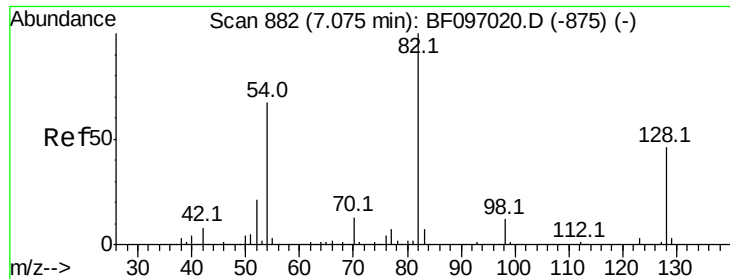
Tot Ion: 70 Resp: 87945
Ion Ratio Lower Upper
70 100
42 59.3 47.2 70.8
101 0.0 7.2 10.8#
130 2.2 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.77 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF097084.D
Acq: 26 Jul 2017 19:26

Tgt Ion:136 Resp: 443436
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 10.9 4.9 7.3#
68 5.7 4.1 6.1

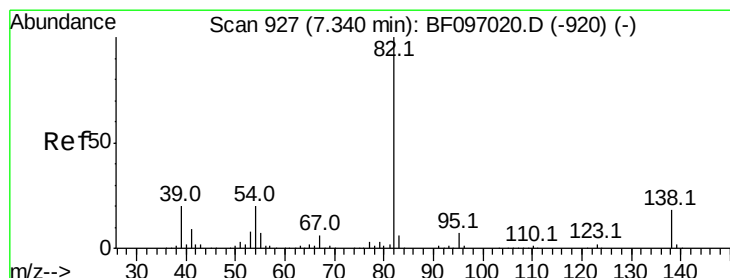
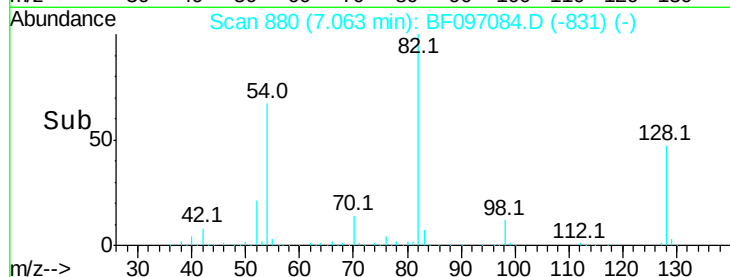
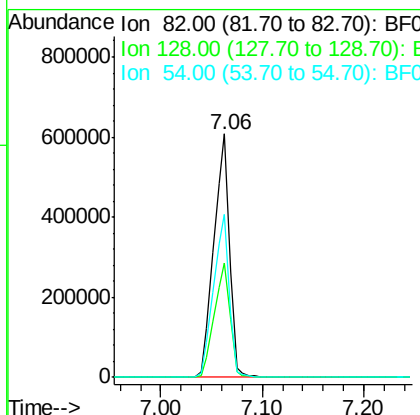
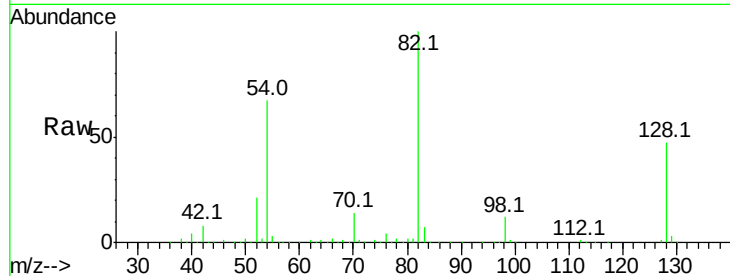




#23
 Nitrobenzene-d5
 Concen: 86.793 ng
 RT: 7.06 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF097084.D
 Acq: 26 Jul 2017 19:26

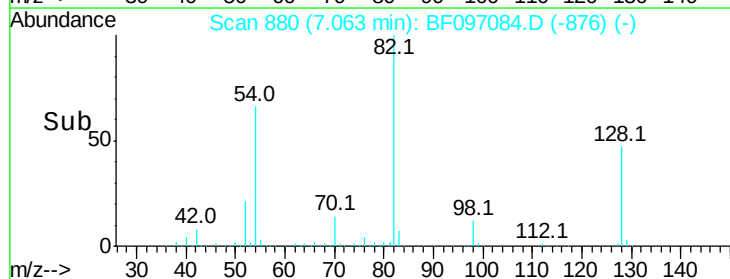
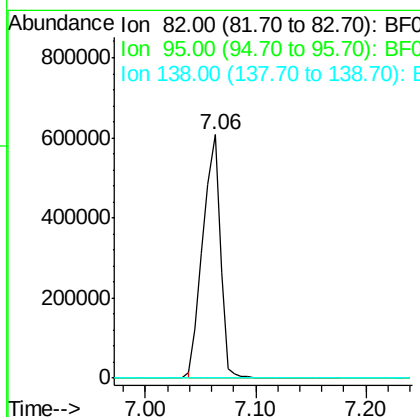
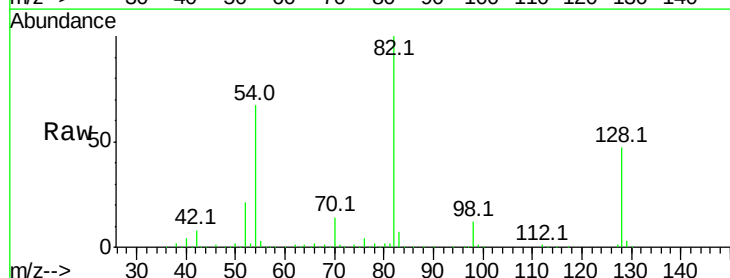
Instrument :
 BNA_F
 ClientSampleId :

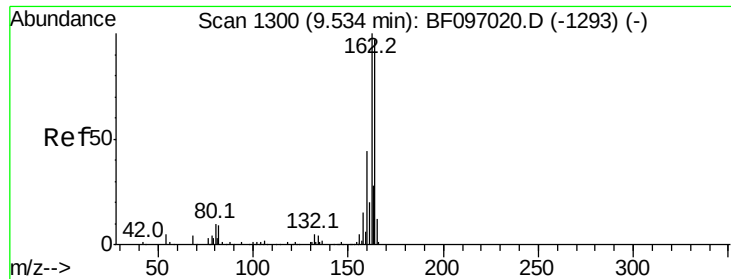
Tot Ion: 82 Resp: 656064
 Ion Ratio Lower Upper
 82 100
 128 47.1 34.0 51.0
 54 66.8 42.2 63.2#



#25
 Isophorone
 Concen: 43.824 ng
 RT: 7.06 min Scan# 880
 Delta R.T. -0.28 min
 Lab File: BF097084.D
 Acq: 26 Jul 2017 19:26

Tgt Ion: 82 Resp: 648731
 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: BF097084.D

Acq: 26 Jul 2017 19:26

Instrument :

BNA_F

ClientSampleId :

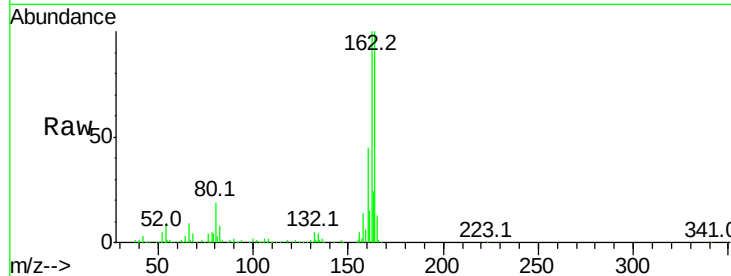
Tot Ion:164 Resp: 199266

Ion Ratio Lower Upper

164 100

162 100.0 82.6 123.8

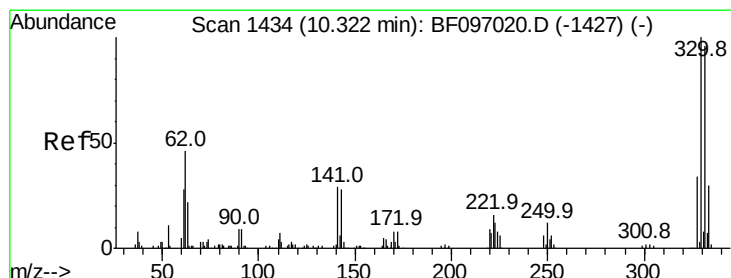
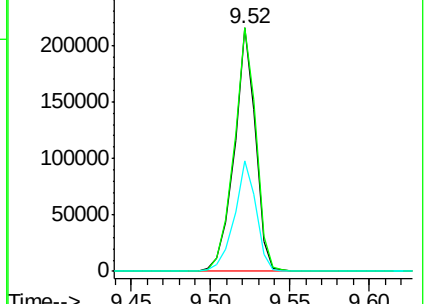
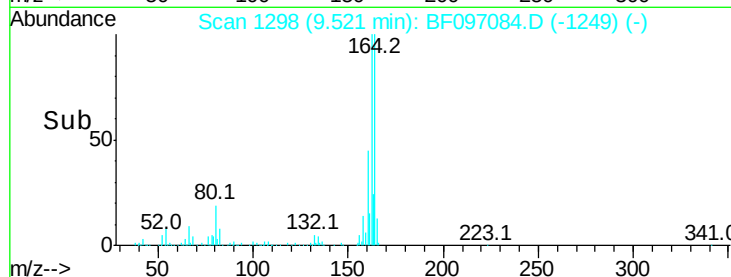
160 45.2 36.2 54.2



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: 20.811 ng

RT: 10.31 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF097084.D

Acq: 26 Jul 2017 19:26

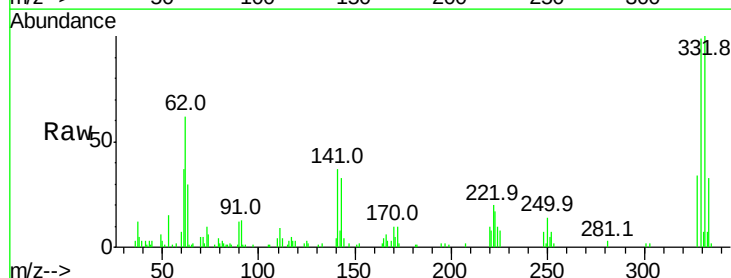
Tgt Ion:330 Resp: 32764

Ion Ratio Lower Upper

330 100

332 96.3 76.6 115.0

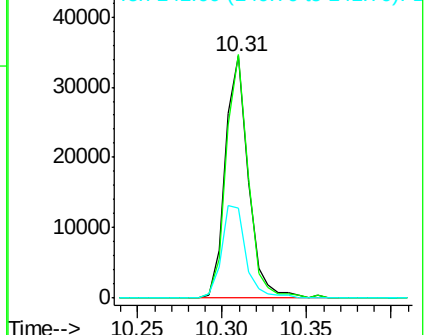
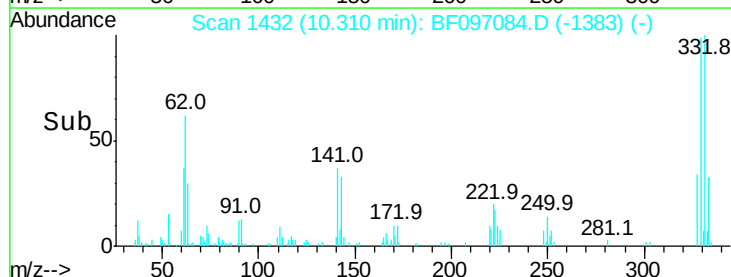
141 40.5 31.4 47.2

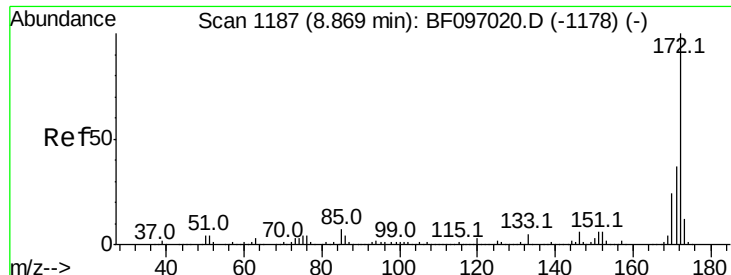


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



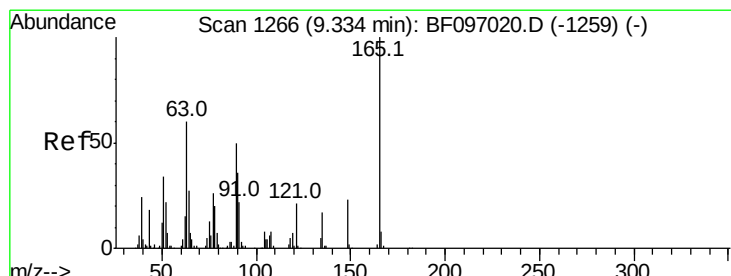
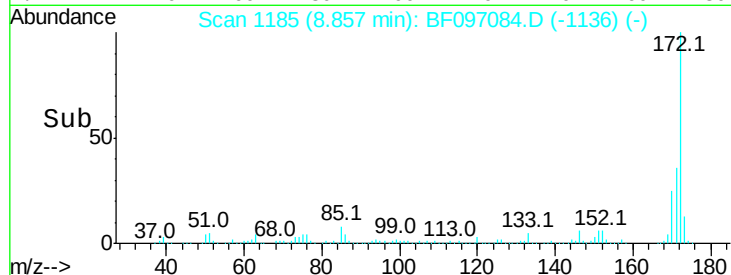
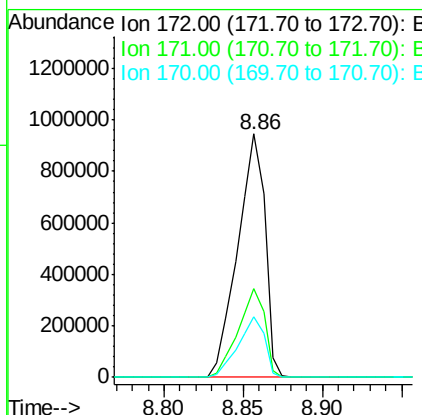
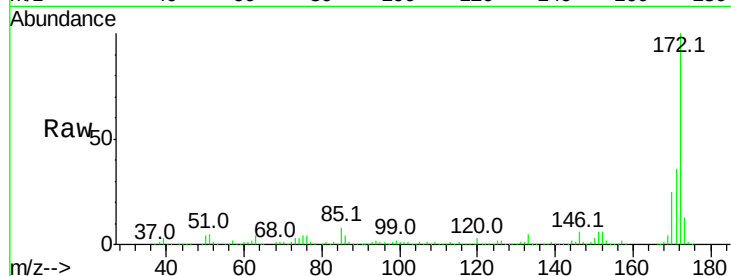


#44
 2-Fluorobiphenyl
 Concen: 96.105 ng
 RT: 8.86 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF097084.D
 Acq: 26 Jul 2017 19:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1128430

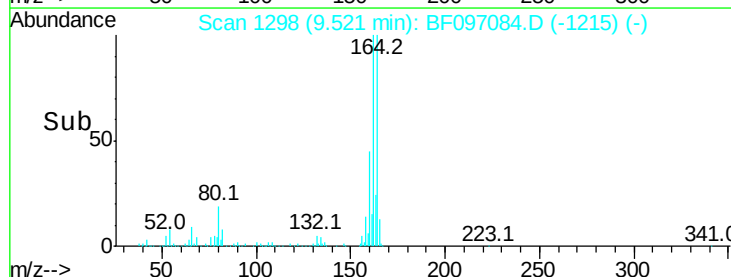
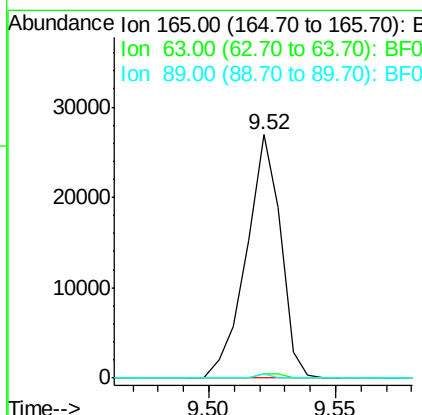
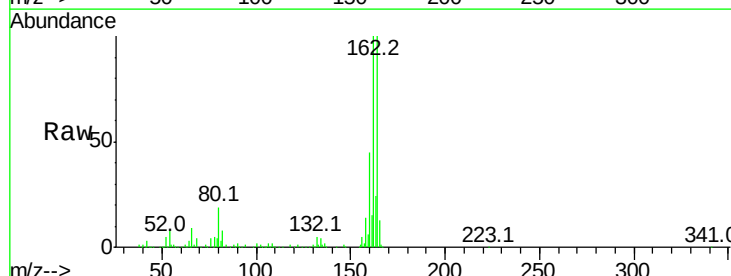
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.7	19.8	29.8

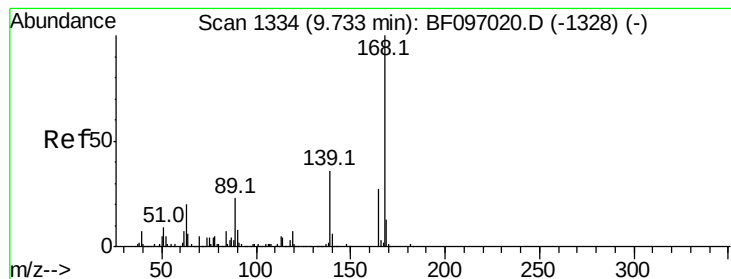


#50
 2,6-Dinitrotoluene
 Concen: 7.908 ng
 RT: 9.52 min Scan# 1298
 Delta R.T. 0.19 min
 Lab File: BF097084.D
 Acq: 26 Jul 2017 19:26

Tgt Ion:165 Resp: 25381

Ion	Ratio	Lower	Upper
165	100		
63	1.8	34.3	51.5#
89	1.9	37.1	55.7#





#56

2,4-Dinitrotoluene

Concen: 6.879 ng

RT: 9.52 min Scan# 1298

Delta R.T. -0.21 min

Lab File: BF097084.D

Acq: 26 Jul 2017 19:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 25381

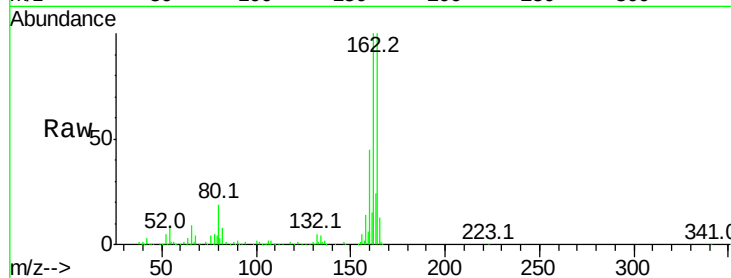
Ion Ratio Lower Upper

165 100

63 1.8 25.4 38.0#

89 1.9 46.4 69.6#

182 0.0 1.8 2.6#

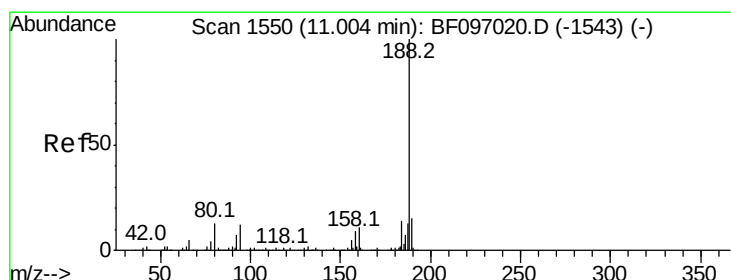
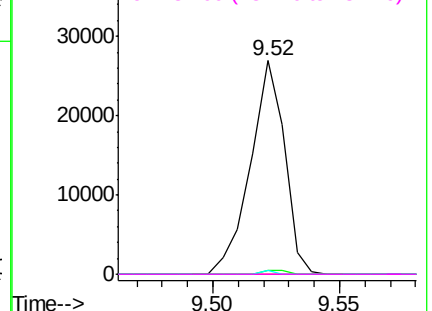
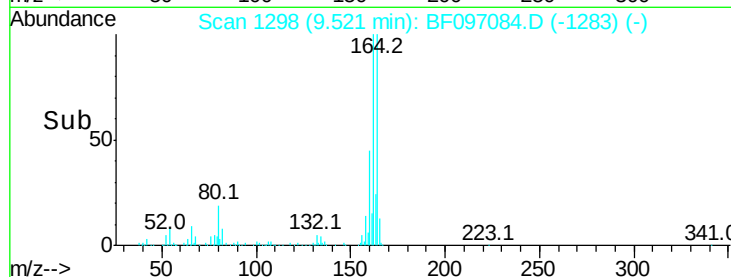


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF097084.D

Acq: 26 Jul 2017 19:26

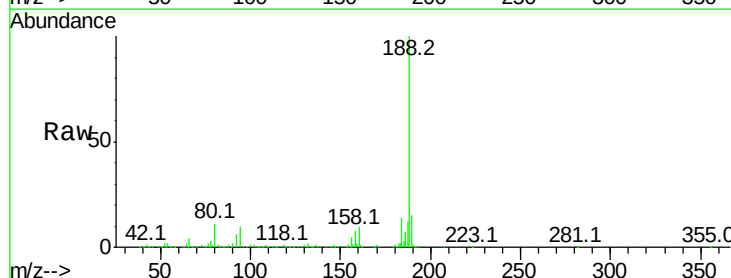
Tgt Ion:188 Resp: 351942

Ion Ratio Lower Upper

188 100

94 10.2 9.4 14.2

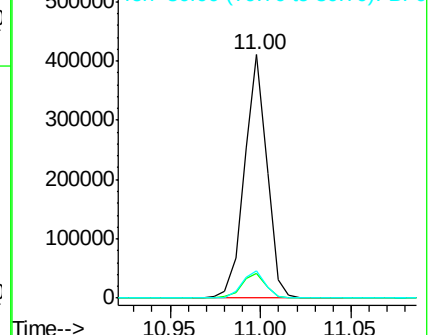
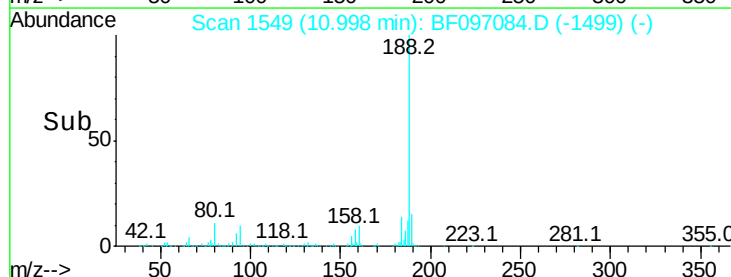
80 11.1 10.2 15.2

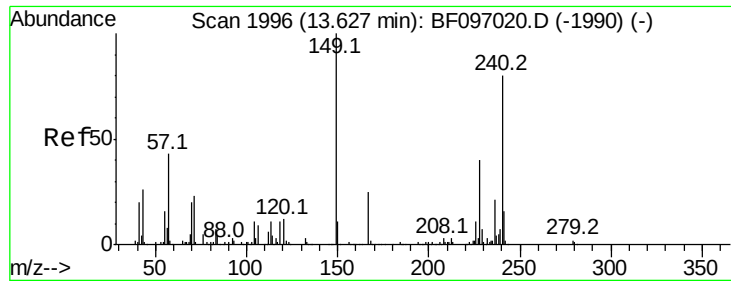


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.62 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF097084.D

Acq: 26 Jul 2017 19:26

Instrument :

BNA_F

ClientSampleId :

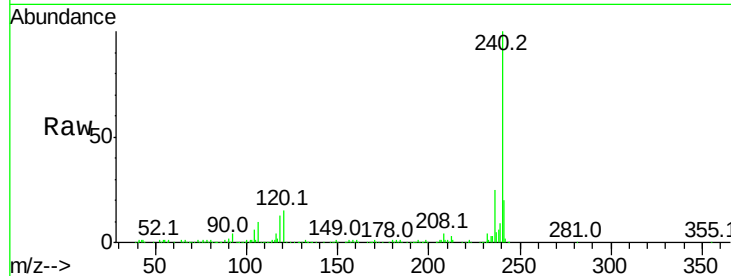
Tot Ion:240 Resp: 282209

Ion Ratio Lower Upper

240 100

120 15.0 5.8 8.8#

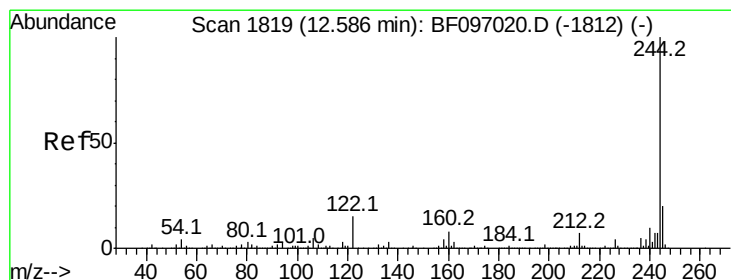
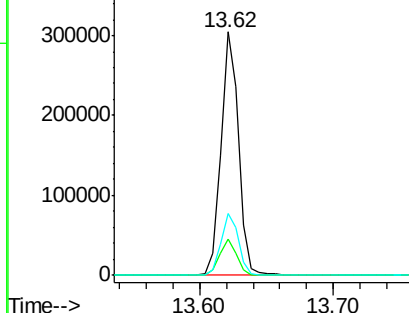
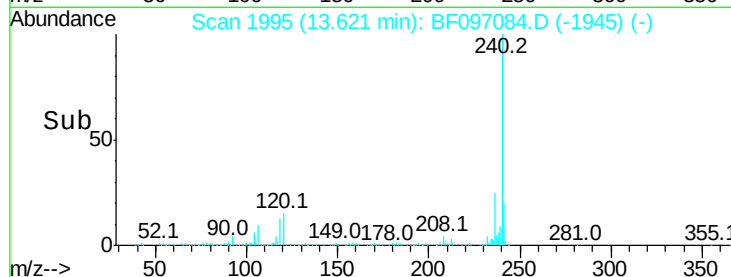
236 25.4 20.5 30.7



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: 67.162 ng

RT: 12.59 min Scan# 1820

Delta R.T. 0.01 min

Lab File: BF097084.D

Acq: 26 Jul 2017 19:26

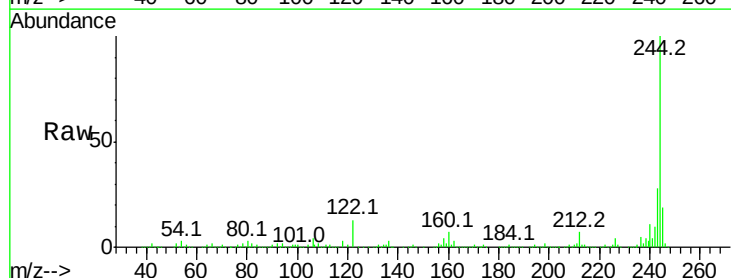
Tgt Ion:244 Resp: 929624

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

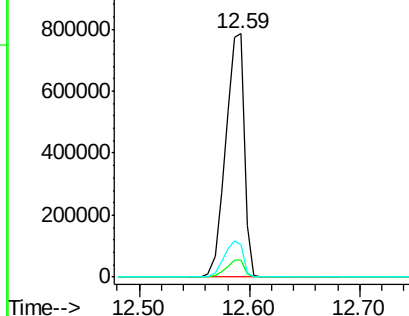
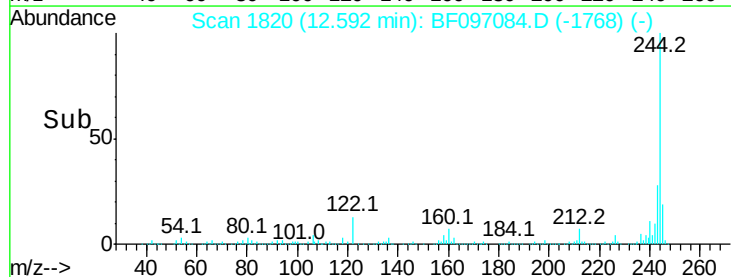
122 13.1 10.3 15.5

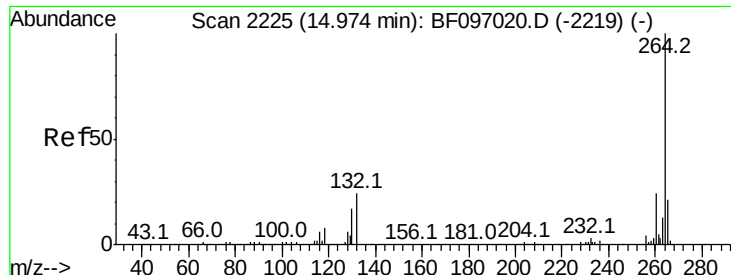


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

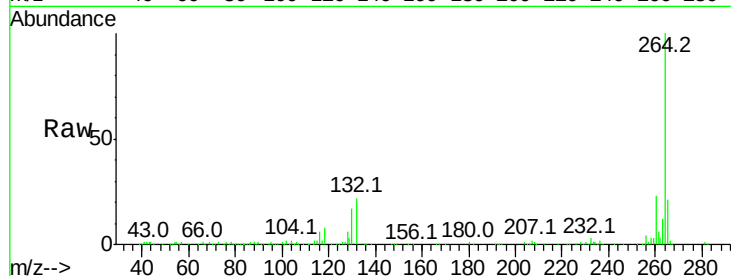




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 14.97 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: BF097084.D
 Acq: 26 Jul 2017 19:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	20.9	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

