

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
 Data File : BF097169.D
 Acq On : 28 Jul 2017 22:22
 Operator : SJ/JU
 Sample : I4456-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7D78

Quant Time: Jul 29 00:44:04 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

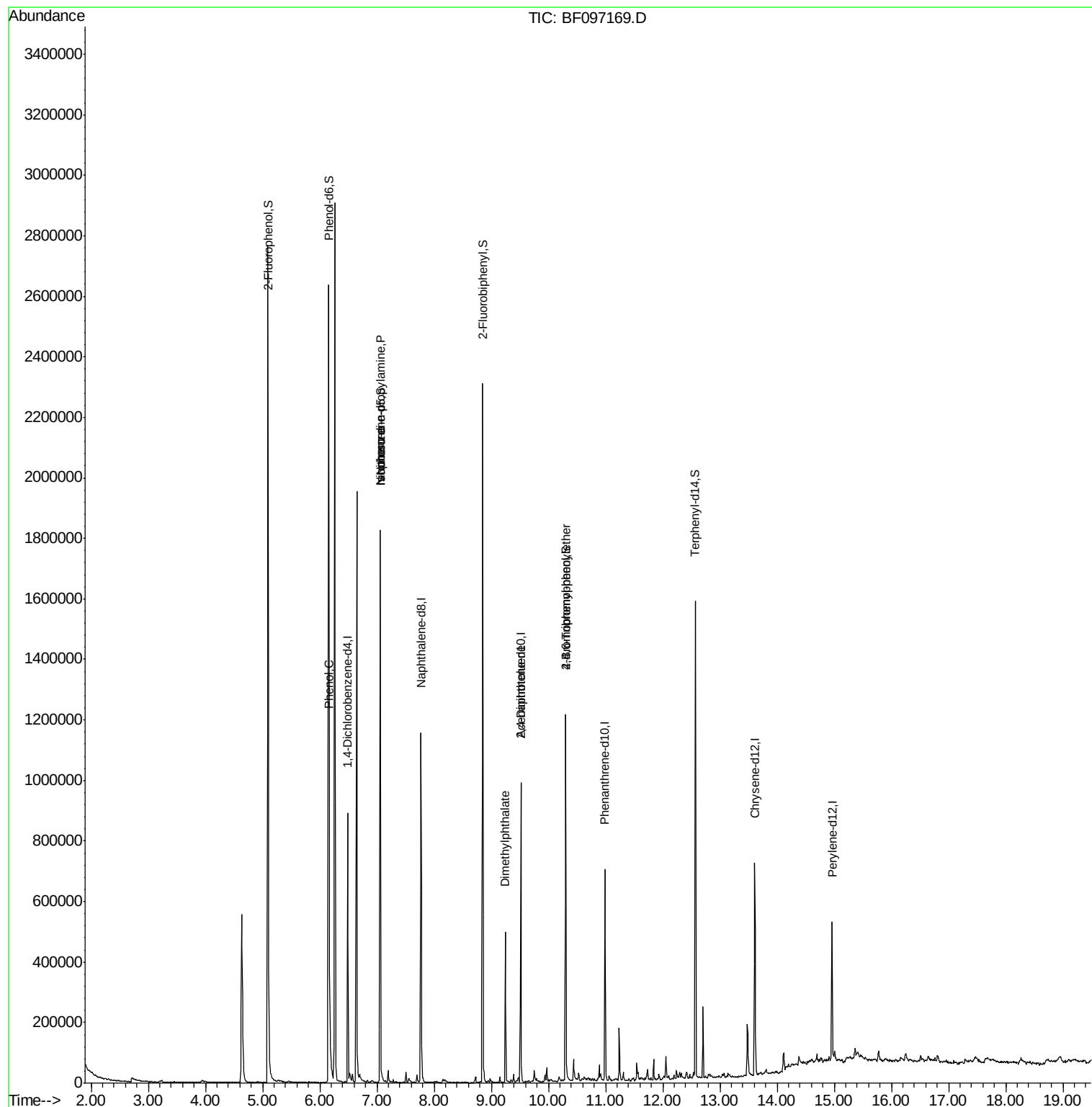
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	122613	20.00	ng	-0.01
21) Naphthalene-d8	7.77	136	484059	20.00	ng	-0.02
38) Acenaphthene-d10	9.52	164	190785	20.00	ng	-0.02
63) Phenanthrene-d10	10.99	188	234046	20.00	ng	-0.02
75) Chrysene-d12	13.61	240	214286	20.00	ng	-0.02
86) Perylene-d12	14.96	264	175902	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	840984	103.40	ng	0.00
7) Phenol-d6	6.16	99	984197	105.99	ng	-0.01
23) Nitrobenzene-d5	7.06	82	552855	67.00	ng	-0.02
41) 2,4,6-Tribromophenol	10.30	330	132388	87.83	ng	-0.02
44) 2-Fluorobiphenyl	8.85	172	772771	68.74	ng	-0.02
78) Terphenyl-d14	12.57	244	500495	47.62	ng	-0.01
Target Compounds						
10) Phenol	6.17	94	25736	2.34	ng	Qvalue 91
19) n-Nitroso-di-n-propylamine	7.06	70	73784	12.07	ng	# 87
25) Isophorone	7.06	82	547658	33.89	ng	# 67
49) Dimethylphthalate	9.25	163	180545	12.46	ng	99
56) 2,4-Dinitrotoluene	9.52	165	23571	6.67	ng	# 33
66) 4-Bromophenyl-phenylether	10.30	248	8360	3.58	ng	# 1

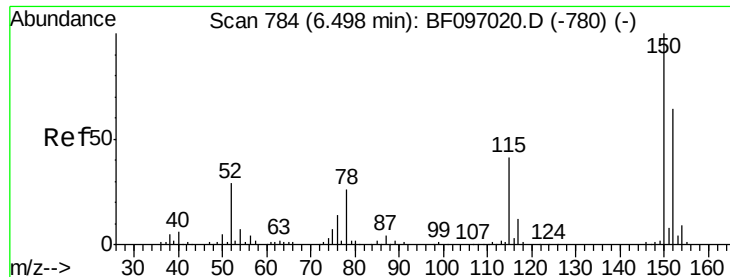
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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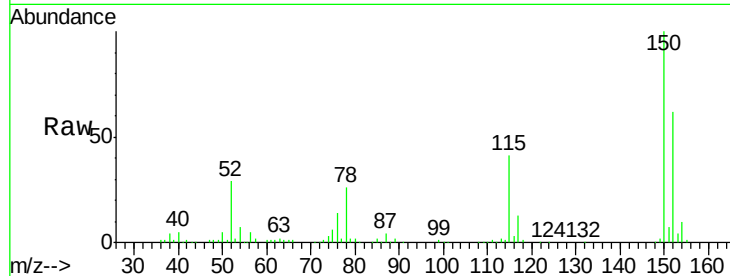


#1

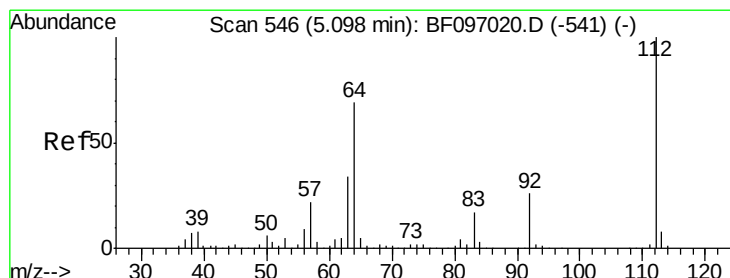
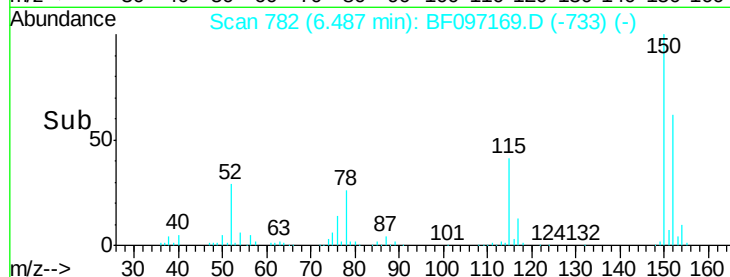
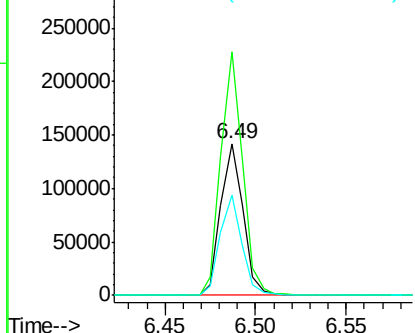
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.49 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF097169.D
Acq: 28 Jul 2017 22:22

Instrument :
BNA_F
ClientSampleId :
TP-7D78

Tot Ion:152 Resp: 122613
Ion Ratio Lower Upper
152 100
150 160.1 126.2 189.2
115 65.6 52.2 78.2



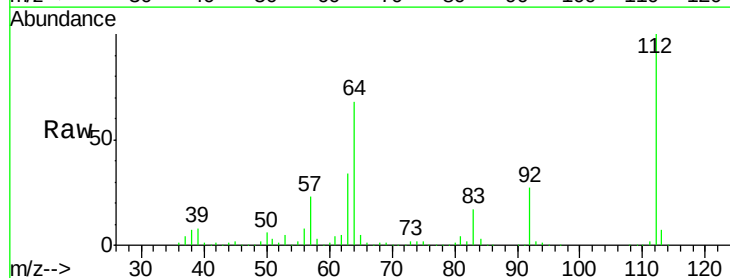
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



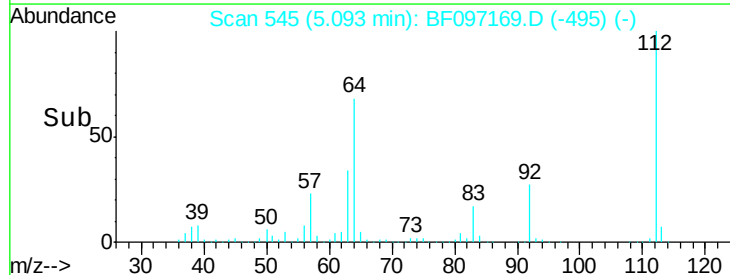
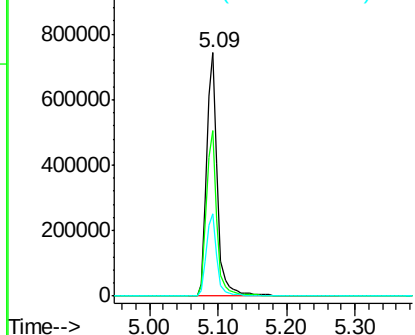
#5

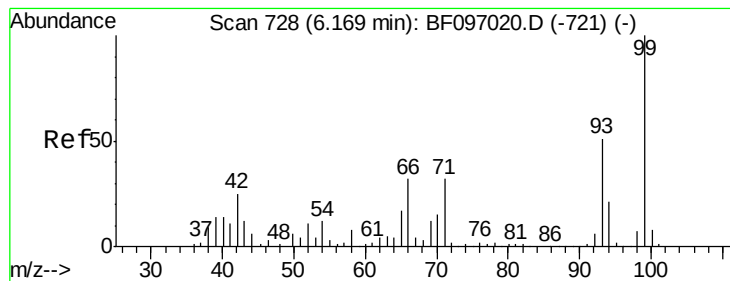
2-Fluorophenol
Concen: 103.40 ng
RT: 5.09 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF097169.D
Acq: 28 Jul 2017 22:22

Tgt Ion:112 Resp: 840984
Ion Ratio Lower Upper
112 100
64 67.8 46.0 69.0
63 34.0 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: 105.99 ng

RT: 6.16 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF097169.D

Acq: 28 Jul 2017 22:22

Instrument :

BNA_F

ClientSampleId :

TP-7D78

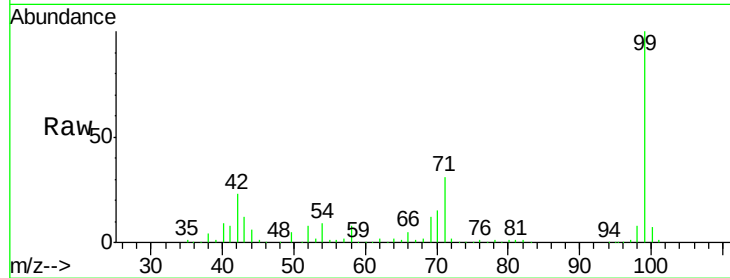
Tot Ion: 99 Resp: 984197

Ion Ratio Lower Upper

99 100

42 23.4 13.5 20.3#

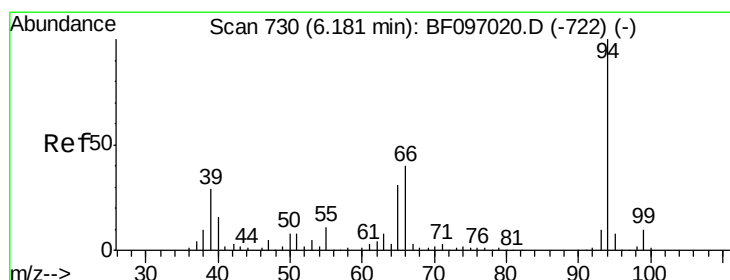
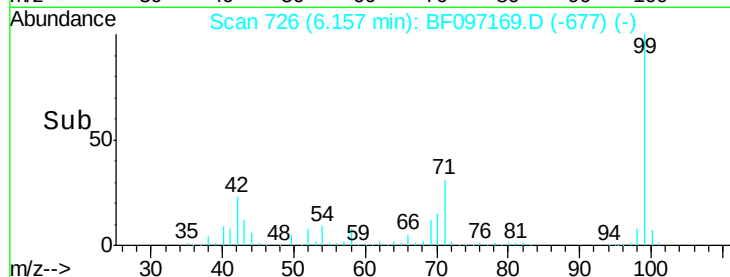
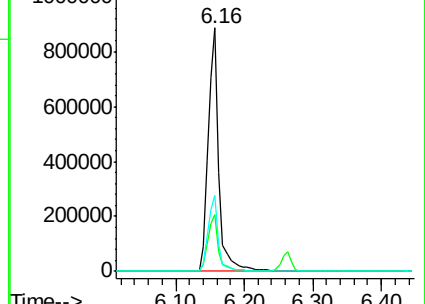
71 31.4 24.5 36.7



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: 2.34 ng

RT: 6.17 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF097169.D

Acq: 28 Jul 2017 22:22

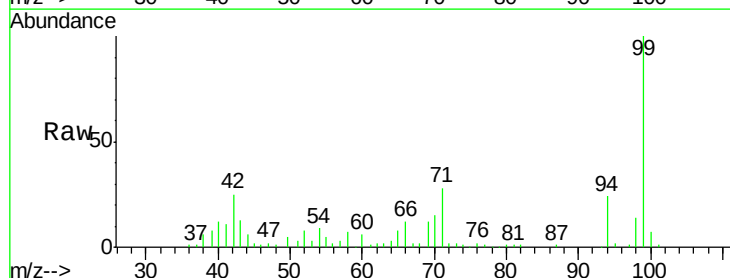
Tgt Ion: 94 Resp: 25736

Ion Ratio Lower Upper

94 100

65 32.2 9.9 49.9

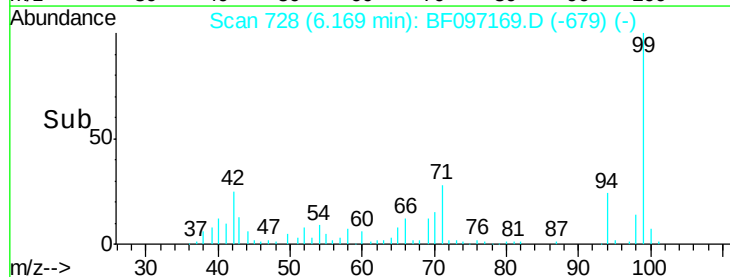
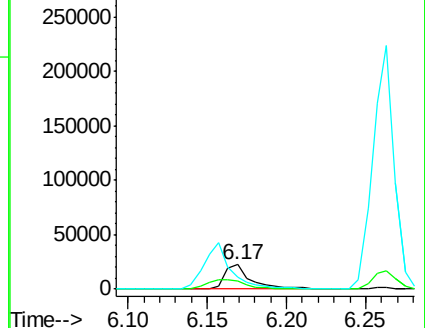
66 51.3 23.1 63.1

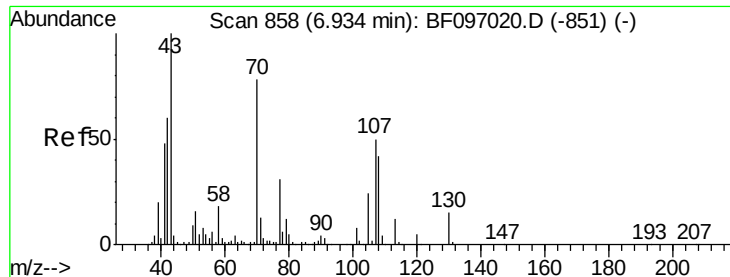


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

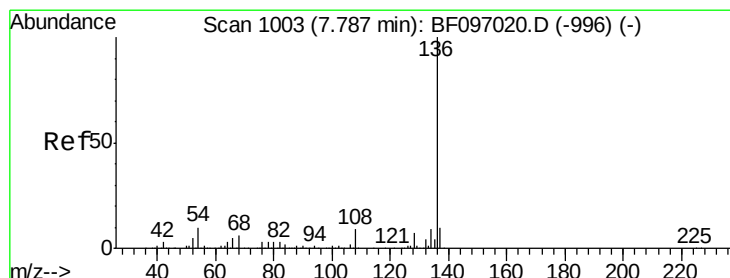
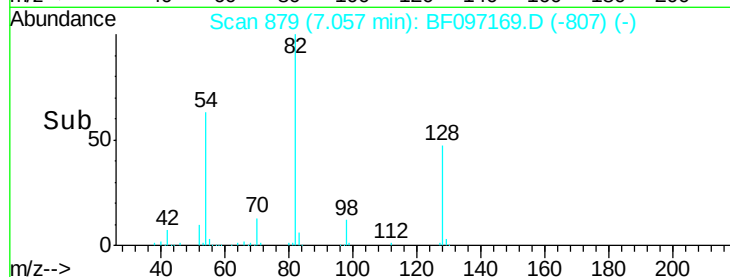
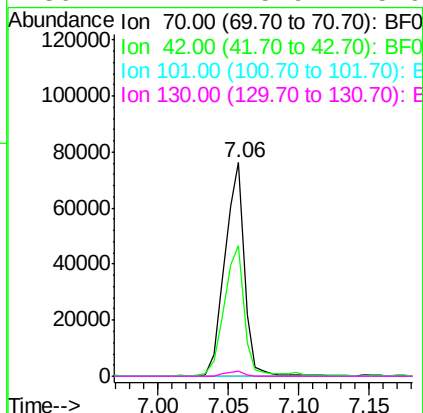
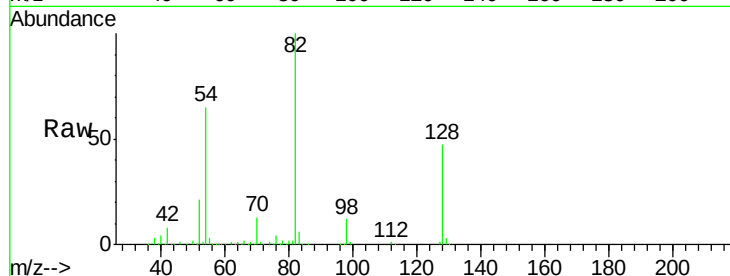




#19
n-Nitroso-di-n-propylamine
Concen: 12.07 ng
RT: 7.06 min Scan# 879
Delta R.T. 0.12 min
Lab File: BF097169.D
Acq: 28 Jul 2017 22:22

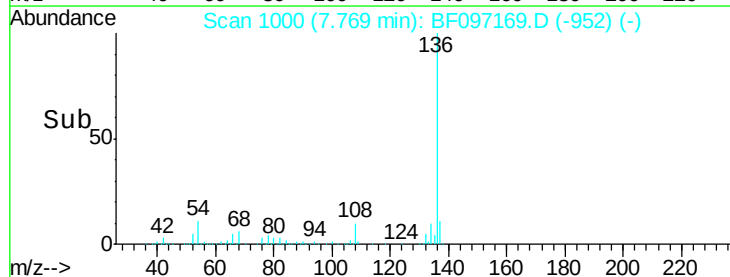
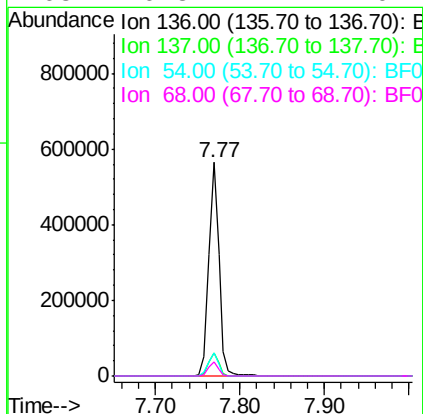
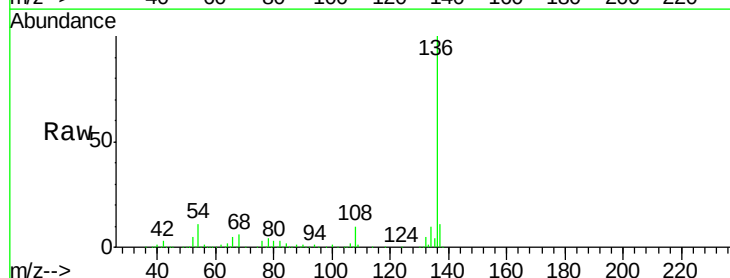
Instrument :
BNA_F
ClientSampleId :
TP-7D78

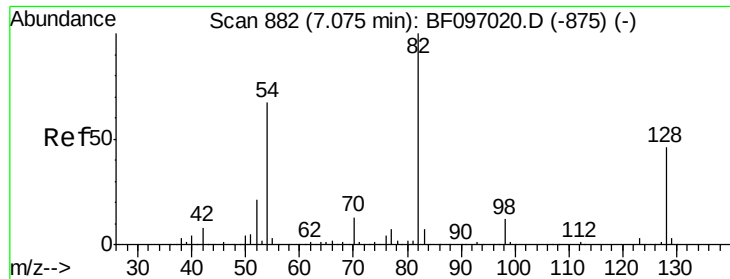
Tot Ion: 70 Resp: 73784
Ion Ratio Lower Upper
70 100
42 60.9 47.2 70.8
101 0.0 7.2 10.8#
130 2.4 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.77 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF097169.D
Acq: 28 Jul 2017 22:22

Tgt Ion:136 Resp: 484059
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 10.8 4.9 7.3#
68 6.3 4.1 6.1#

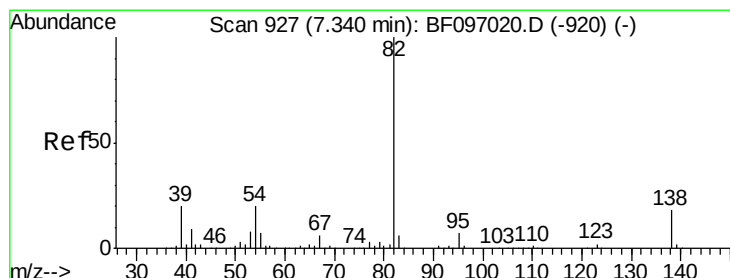
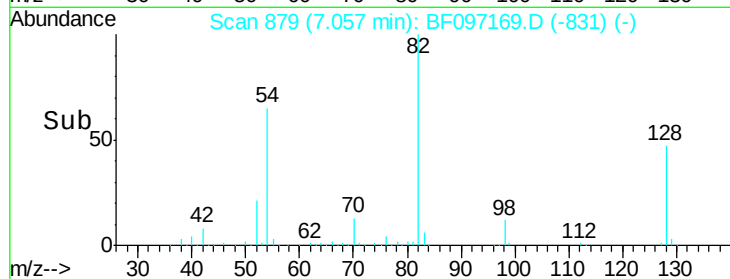
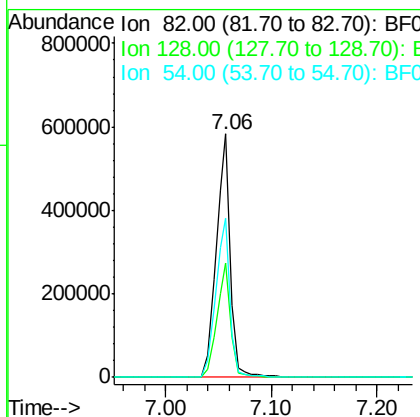
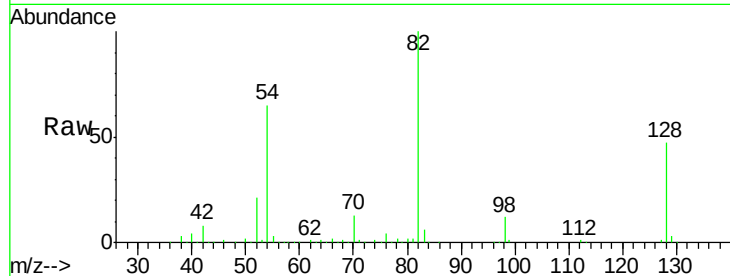




#23
 Nitrobenzene-d5
 Concen: 67.00 ng
 RT: 7.06 min Scan# 879
 Delta R.T. -0.02 min
 Lab File: BF097169.D
 Acq: 28 Jul 2017 22:22

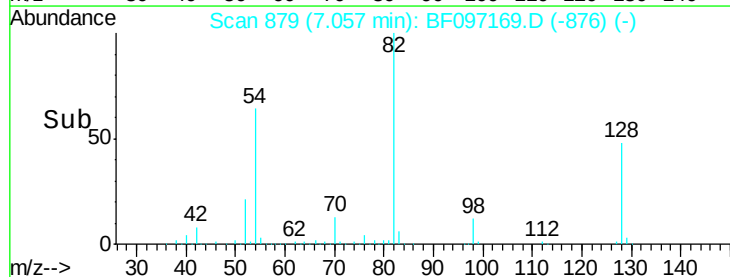
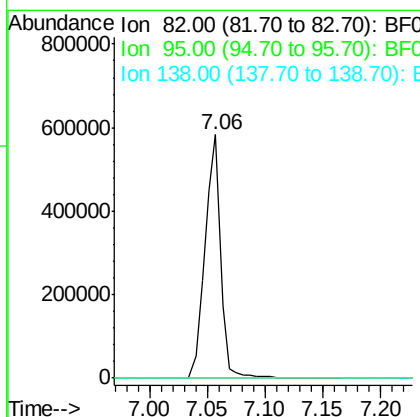
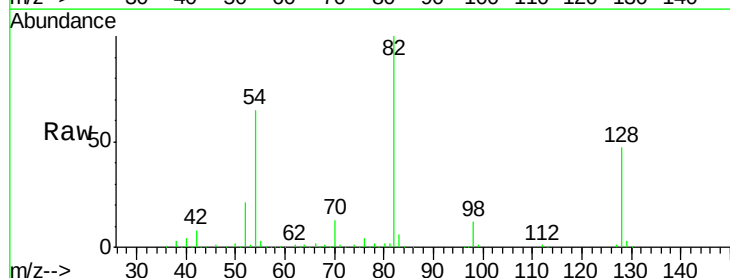
Instrument :
 BNA_F
 ClientSampleId :
 TP-7D78

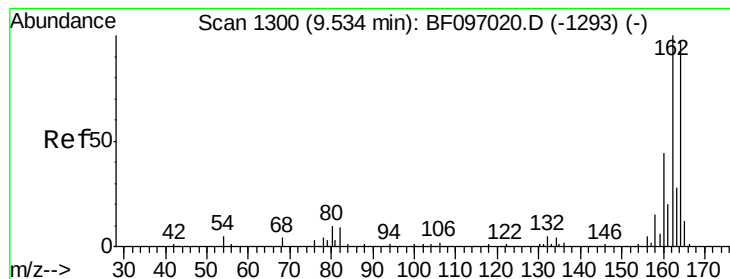
Tot Ion	82	Resp	552855
Ion Ratio	100	Lower	Upper
128	46.9	34.0	51.0
54	65.5	42.2	63.2#



#25
 Isophorone
 Concen: 33.89 ng
 RT: 7.06 min Scan# 879
 Delta R.T. -0.28 min
 Lab File: BF097169.D
 Acq: 28 Jul 2017 22:22

Tgt Ion	82	Resp	547658
Ion Ratio	100	Lower	Upper
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.52 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF097169.D

Acq: 28 Jul 2017 22:22

Instrument :

BNA_F

ClientSampleId :

TP-7D78

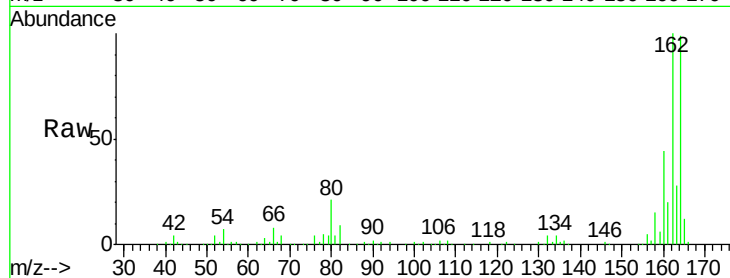
Tot Ion:164 Resp: 190785

Ion Ratio Lower Upper

164 100

162 100.9 82.6 123.8

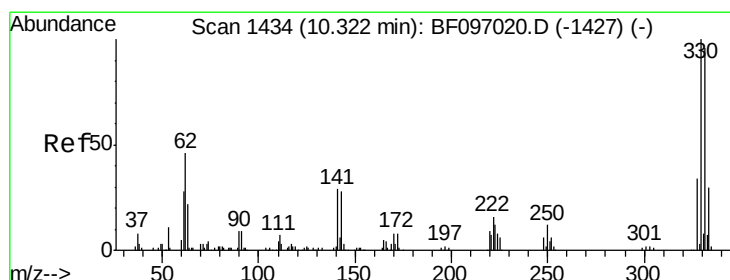
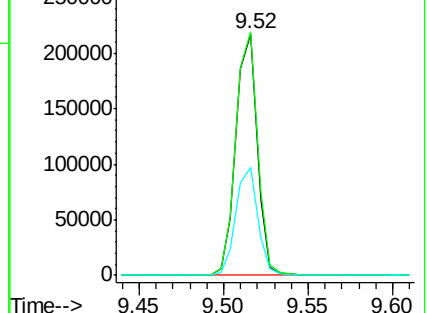
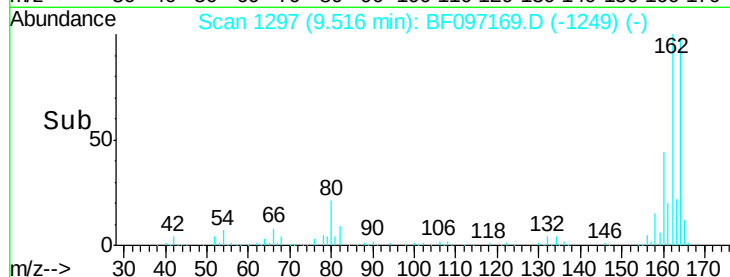
160 44.7 36.2 54.2



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: 87.83 ng

RT: 10.30 min Scan# 1431

Delta R.T. -0.02 min

Lab File: BF097169.D

Acq: 28 Jul 2017 22:22

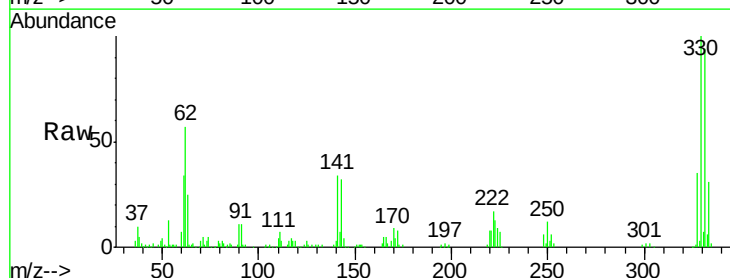
Tgt Ion:330 Resp: 132388

Ion Ratio Lower Upper

330 100

332 96.1 76.6 115.0

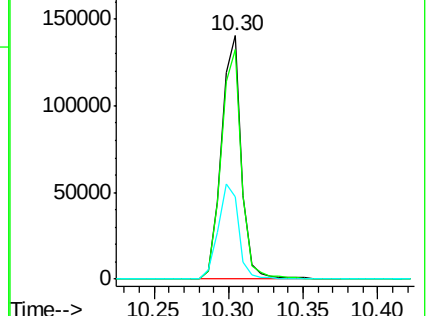
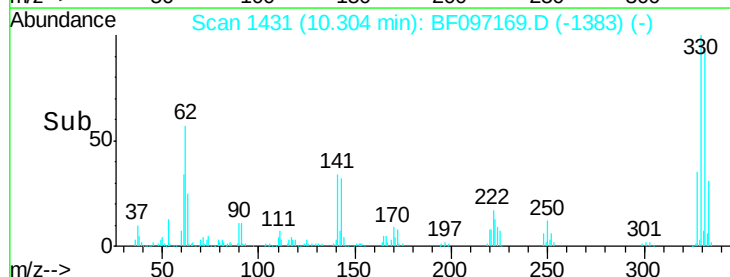
141 40.0 31.4 47.2

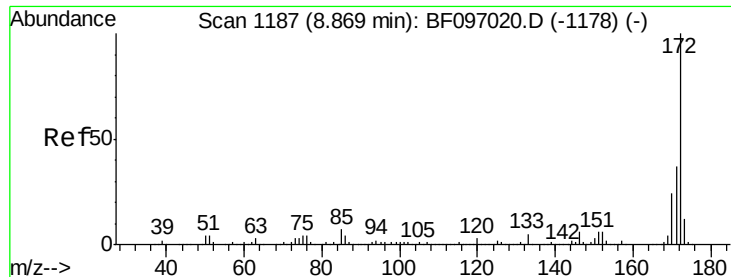


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

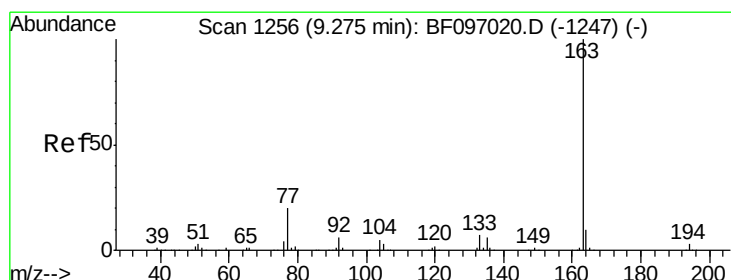
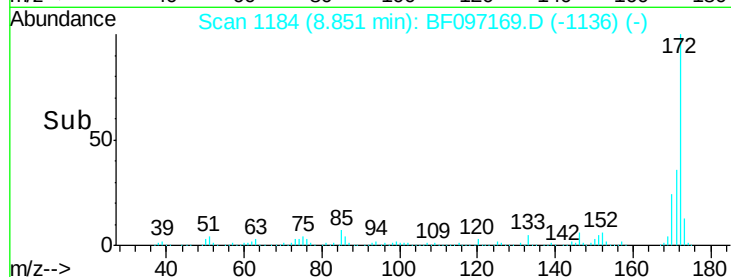
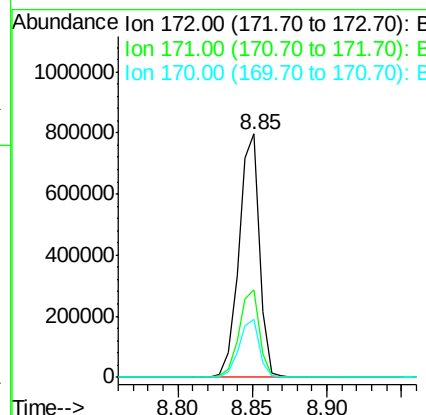
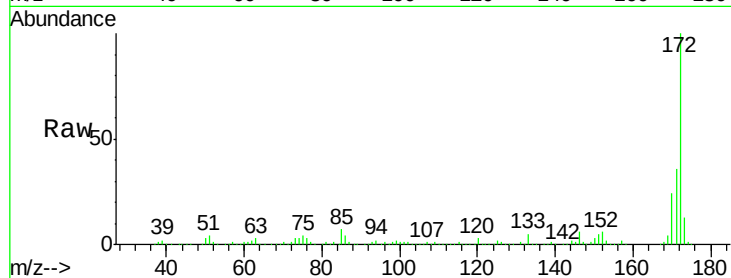




#44
2-Fluorobiphenyl
Concen: 68.74 ng
RT: 8.85 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF097169.D
Acq: 28 Jul 2017 22:22

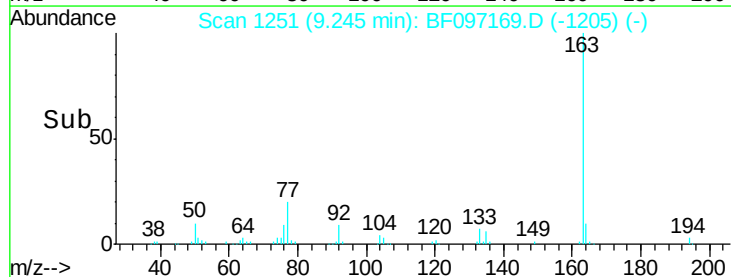
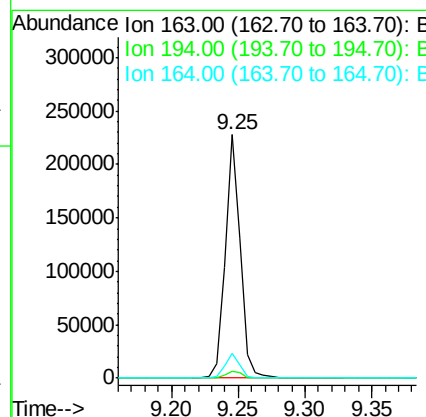
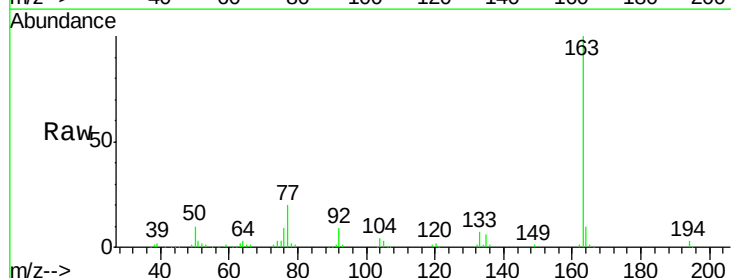
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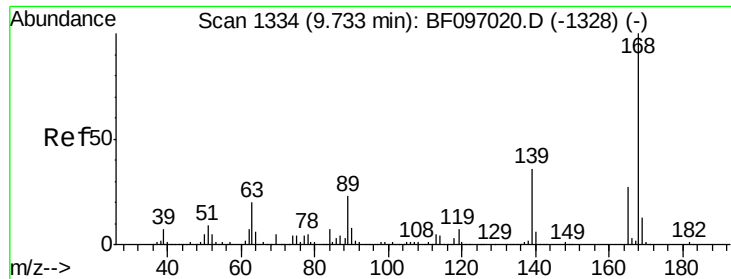
Tot Ion:172 Resp: 772771
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 23.7 19.8 29.8



#49
Dimethylphthalate
Concen: 12.46 ng
RT: 9.25 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF097169.D
Acq: 28 Jul 2017 22:22

Tgt Ion:163 Resp: 180545
Ion Ratio Lower Upper
163 100
194 2.9 2.6 4.0
164 10.0 8.4 12.6





#56

2,4-Dinitrotoluene

Concen: 6.67 ng

RT: 9.52 min Scan# 1297

Delta R.T. -0.22 min

Lab File: BF097169.D

Acq: 28 Jul 2017 22:22

Instrument :

BNA_F

ClientSampleId :

TP-7D78

Tot Ion:165 Resp: 23571

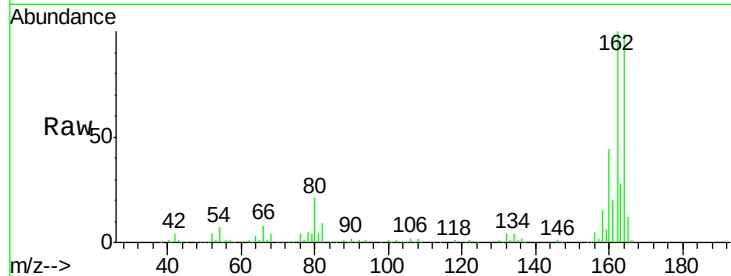
Ion Ratio Lower Upper

165 100

63 1.4 25.4 38.0#

89 1.2 46.4 69.6#

182 0.0 1.8 2.6#

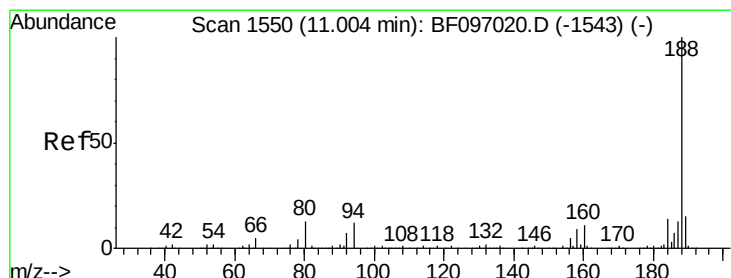
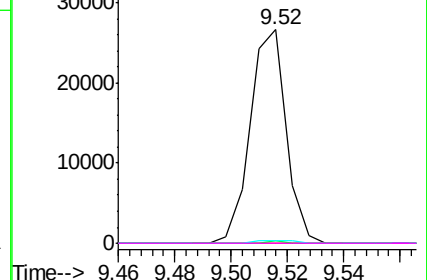
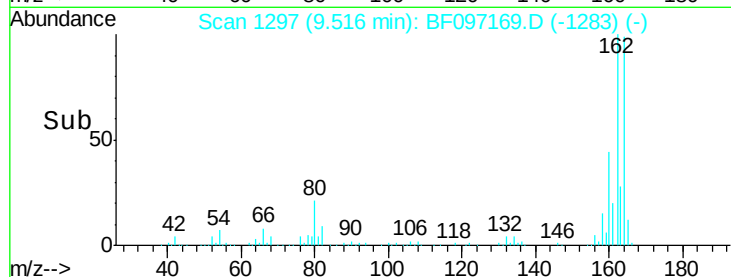


Abundance Ion 165.00 (164.70 to 165.70): E

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: 10.99 min Scan# 1547

Delta R.T. -0.02 min

Lab File: BF097169.D

Acq: 28 Jul 2017 22:22

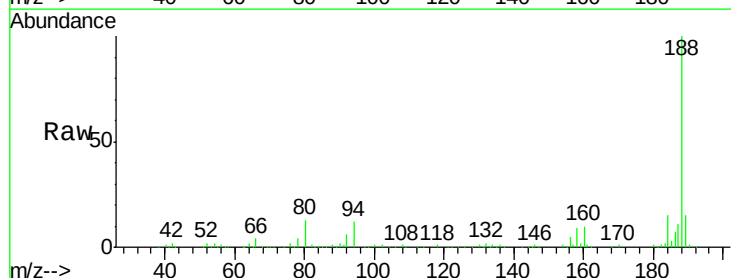
Tgt Ion:188 Resp: 234046

Ion Ratio Lower Upper

188 100

94 11.9 9.4 14.2

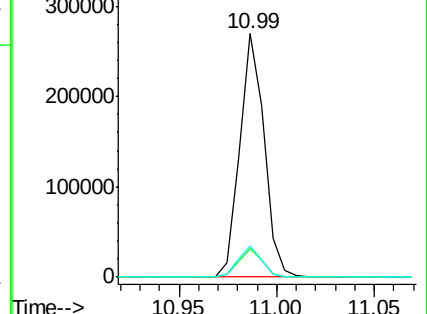
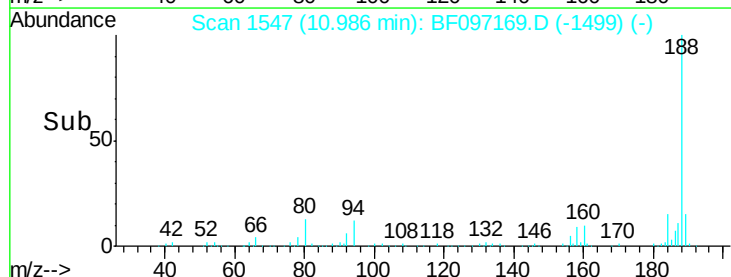
80 13.0 10.2 15.2

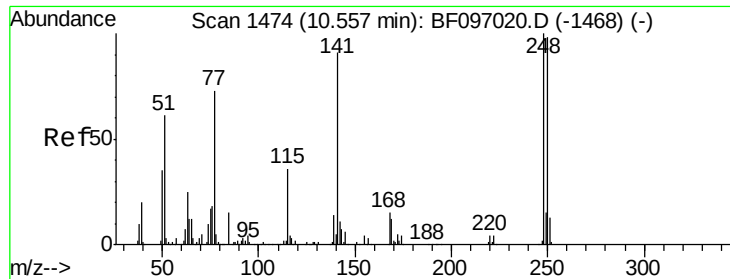


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

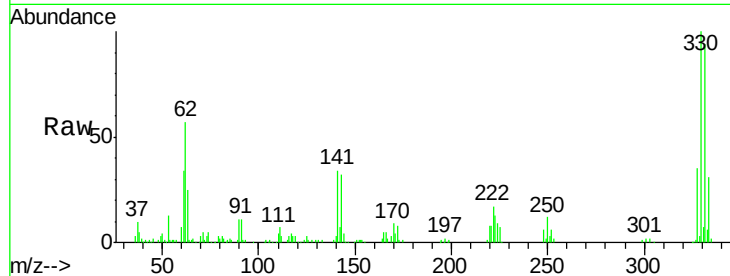




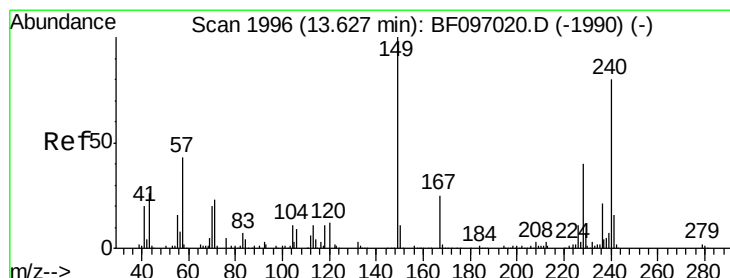
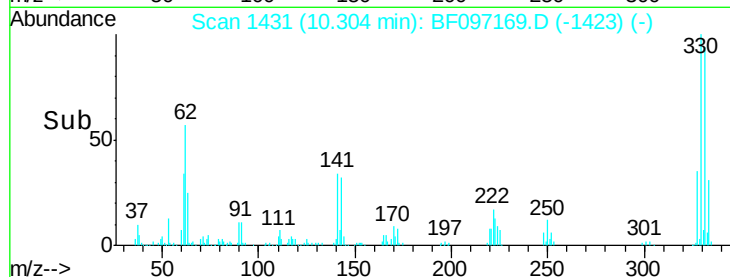
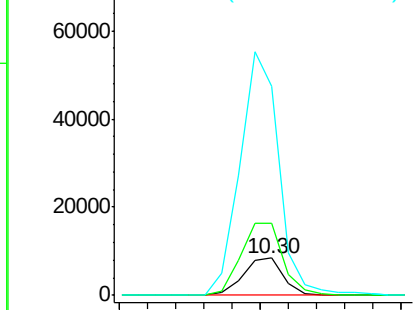
#66
4-Bromophenyl-phenylether
Concen: 3.58 ng
RT: 10.30 min Scan# 1431
Delta R.T. -0.25 min
Lab File: BF097169.D
Acq: 28 Jul 2017 22:22

Instrument :
BNA_F
ClientSampleId :
TP-7D78

Tot Ion:248 Resp: 8360
Ion Ratio Lower Upper
248 100
250 193.2 76.8 115.2#
141 557.3 68.6 103.0#

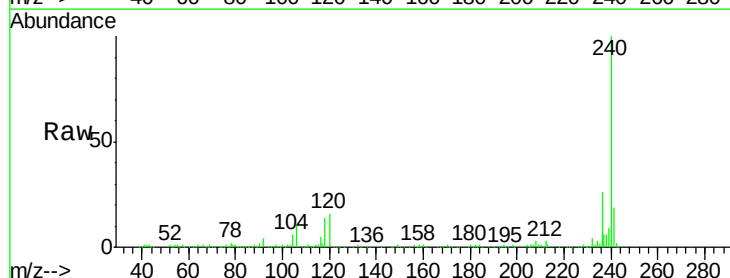


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

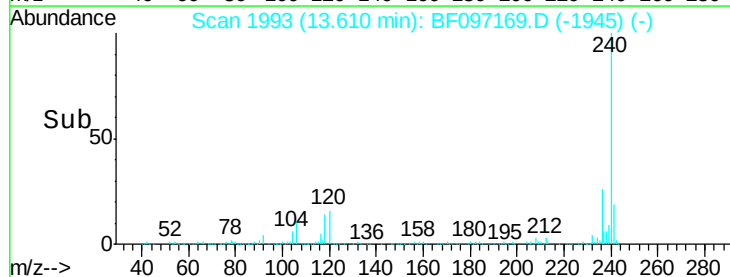
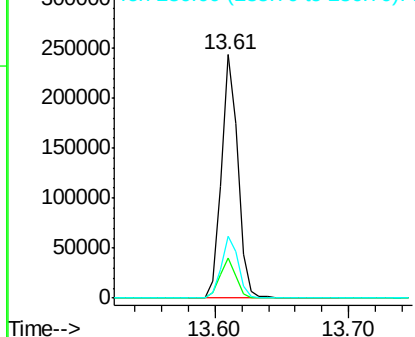


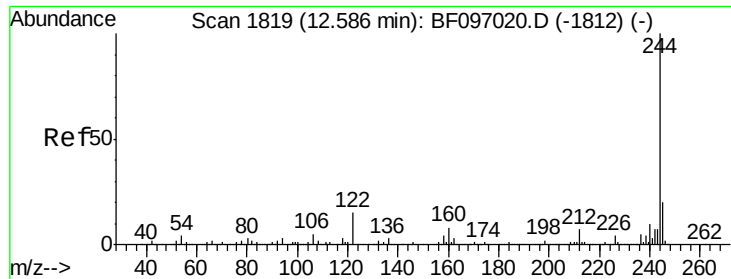
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.61 min Scan# 1993
Delta R.T. -0.02 min
Lab File: BF097169.D
Acq: 28 Jul 2017 22:22

Tgt Ion:240 Resp: 214286
Ion Ratio Lower Upper
240 100
120 16.3 5.8 8.8#
236 25.6 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: 47.62 ng

RT: 12.57 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF097169.D

Acq: 28 Jul 2017 22:22

Instrument :

BNA_F

ClientSampleId :

TP-7D78

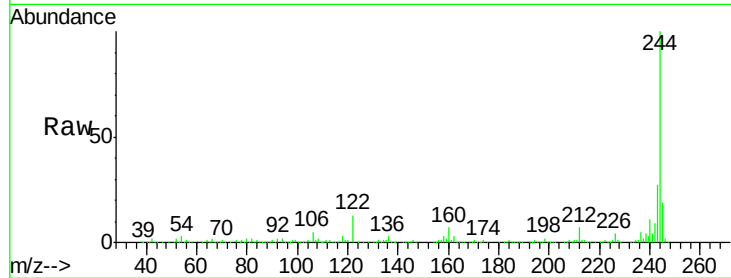
Tot Ion:244 Resp: 500495

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

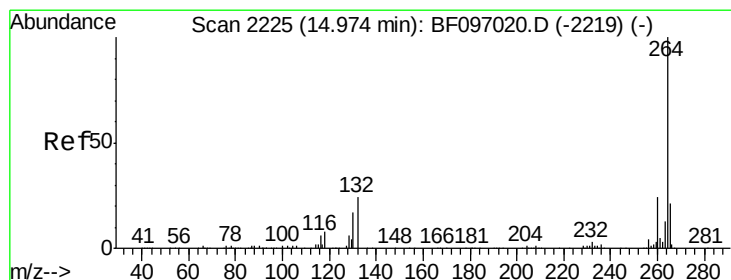
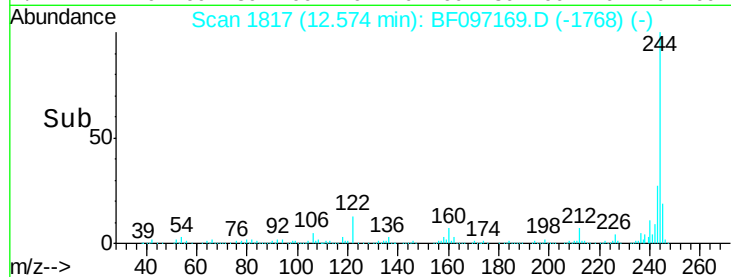
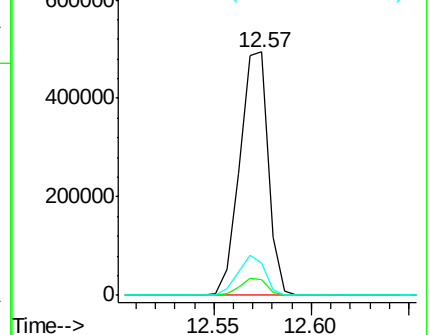
122 13.4 10.3 15.5



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: 14.96 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BF097169.D

Acq: 28 Jul 2017 22:22

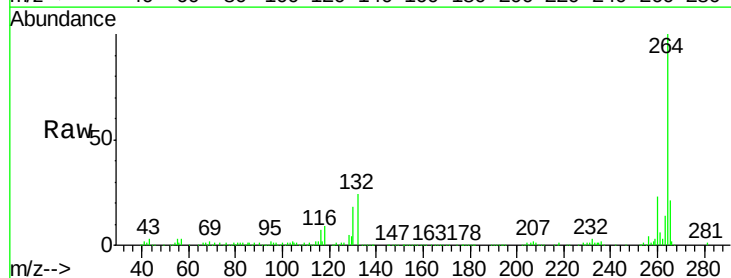
Tgt Ion:264 Resp: 175902

Ion Ratio Lower Upper

264 100

260 22.8 19.5 29.3

265 21.3 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

