

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
 Data File : BF097171.D
 Acq On : 28 Jul 2017 23:18
 Operator : SJ/JU
 Sample : I4456-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-10D56

Quant Time: Jul 29 00:44:31 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

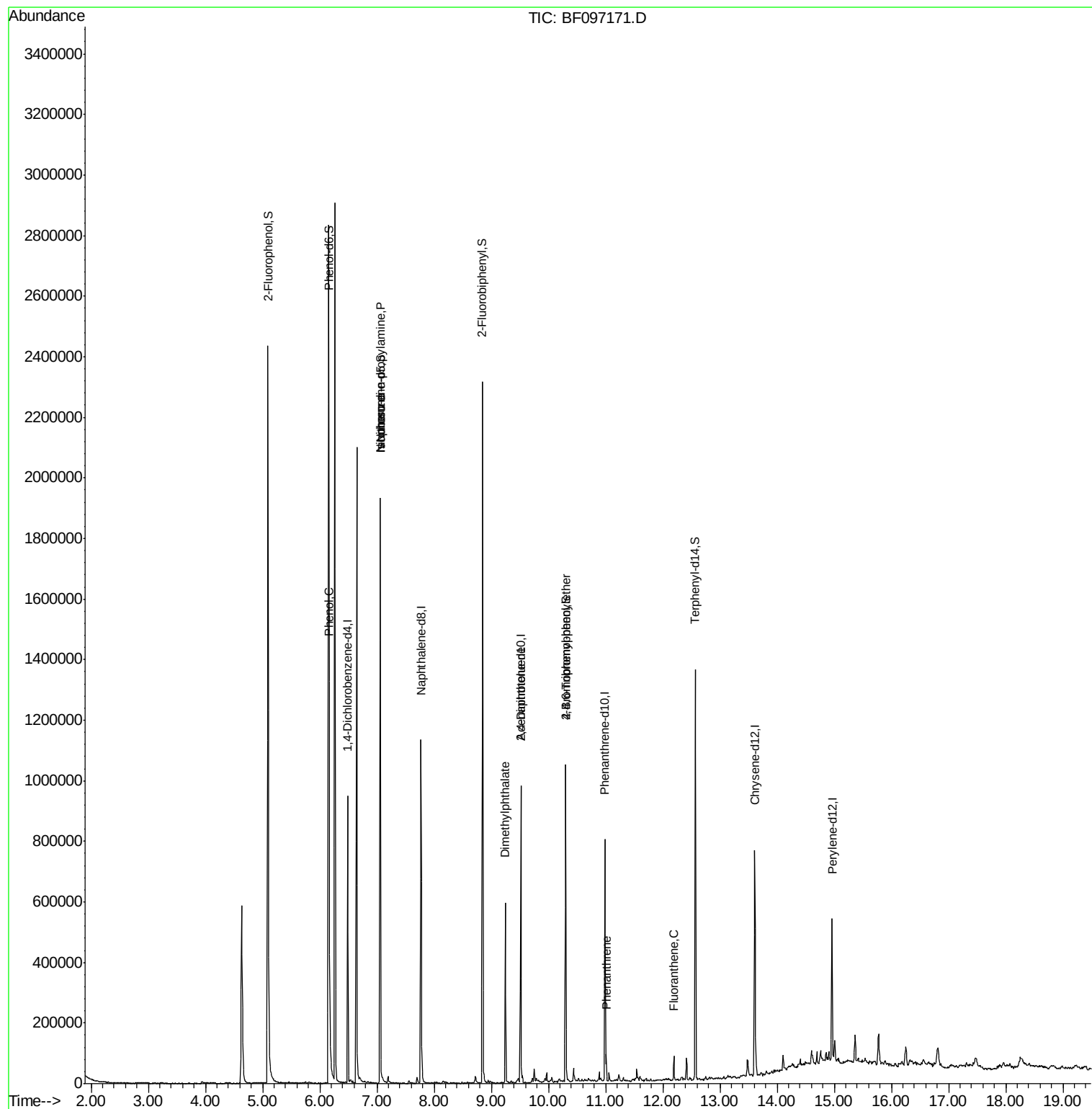
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	124944	20.00	ng	-0.01
21) Naphthalene-d8	7.77	136	490772	20.00	ng	-0.02
38) Acenaphthene-d10	9.52	164	196803	20.00	ng	-0.02
63) Phenanthrene-d10	10.99	188	259061	20.00	ng	-0.02
75) Chrysene-d12	13.61	240	231480	20.00	ng	-0.02
86) Perylene-d12	14.96	264	185780	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	816384	98.50	ng	0.00
7) Phenol-d6	6.16	99	1069090	112.99	ng	-0.01
23) Nitrobenzene-d5	7.06	82	578024	69.09	ng	-0.02
41) 2,4,6-Tribromophenol	10.30	330	102623	66.00	ng	-0.02
44) 2-Fluorobiphenyl	8.85	172	744949	64.24	ng	-0.02
78) Terphenyl-d14	12.57	244	403126	35.51	ng	-0.02
Target Compounds						
10) Phenol	6.17	94	30257	2.70	ng	Qvalue 89
19) n-Nitroso-di-n-propylamine	7.06	70	77147	12.39	ng	# 87
25) Isophorone	7.06	82	571887	34.91	ng	# 67
49) Dimethylphthalate	9.25	163	211032	14.12	ng	98
56) 2,4-Dinitrotoluene	9.51	165	24921	6.84	ng	# 33
66) 4-Bromophenyl-phenylether	10.30	248	6960	2.69	ng	# 1
70) Phenanthrene	11.01	178	28966	2.09	ng	99
74) Fluoranthene	12.19	202	29149	2.14	ng	97

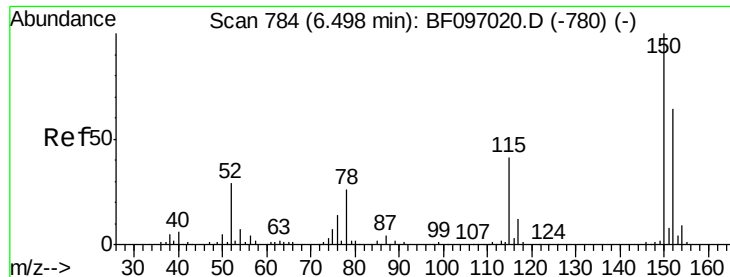
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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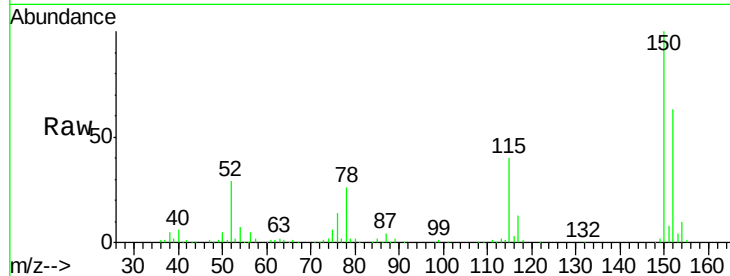


#1

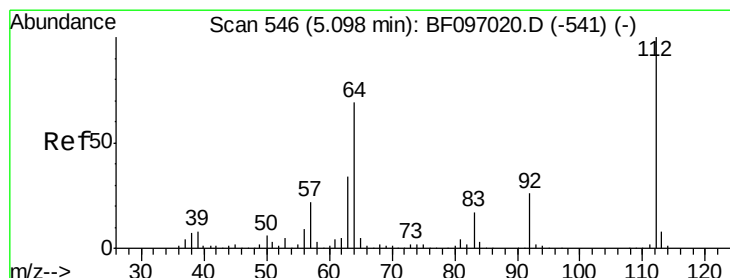
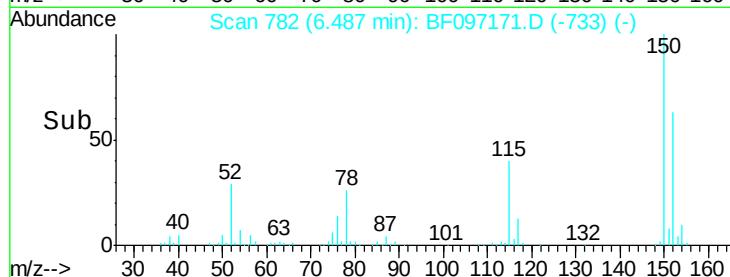
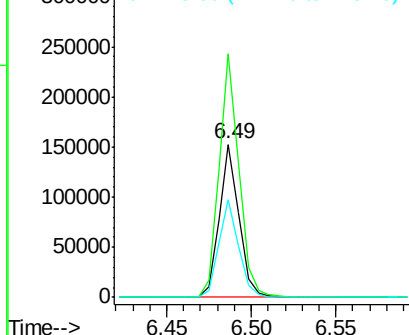
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.49 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF097171.D
Acq: 28 Jul 2017 23:18

Instrument :
BNA_F
ClientSampleId :
TP-10D56

Tot Ion:152 Resp: 124944
Ion Ratio Lower Upper
152 100
150 159.0 126.2 189.2
115 64.2 52.2 78.2



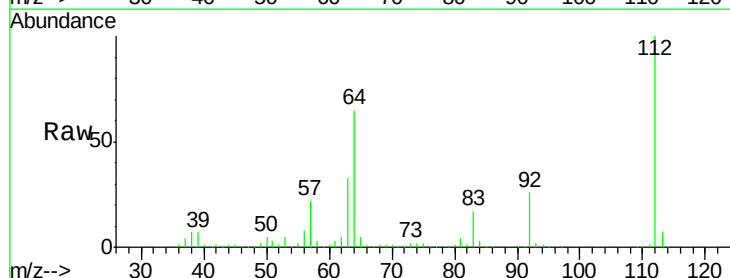
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



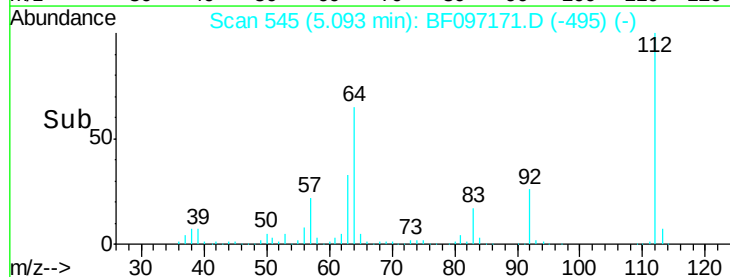
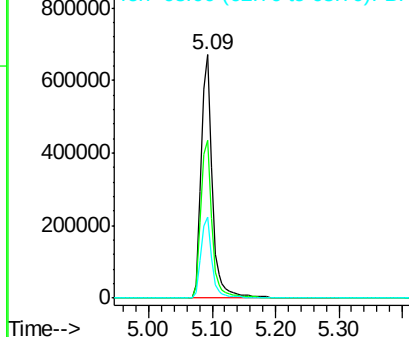
#5

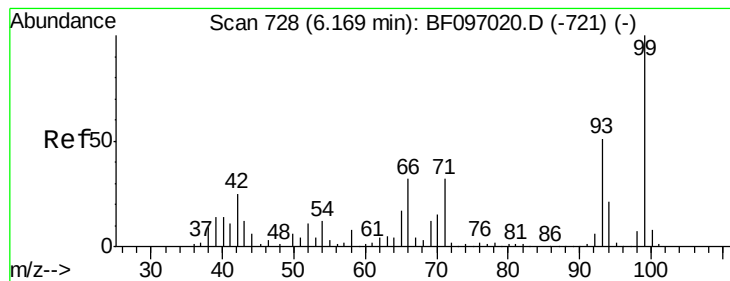
2-Fluorophenol
Concen: 98.50 ng
RT: 5.09 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF097171.D
Acq: 28 Jul 2017 23:18

Tgt Ion:112 Resp: 816384
Ion Ratio Lower Upper
112 100
64 65.0 46.0 69.0
63 33.0 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: 112.99 ng

RT: 6.16 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF097171.D

Acq: 28 Jul 2017 23:18

Instrument :

BNA_F

ClientSampleId :

TP-10D56

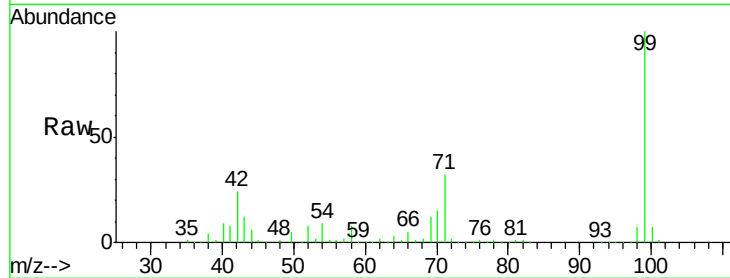
Tot Ion: 99 Resp: 1069090

Ion Ratio Lower Upper

99 100

42 23.8 13.5 20.3#

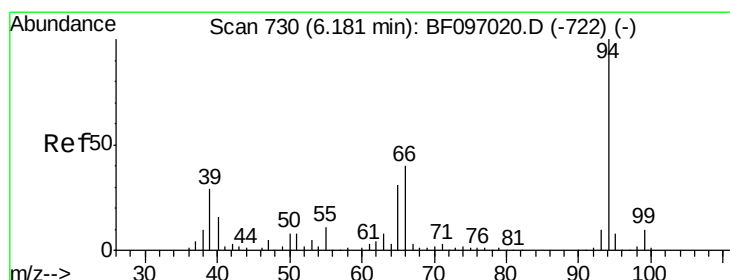
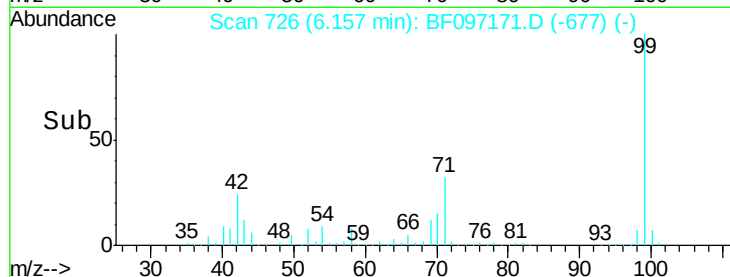
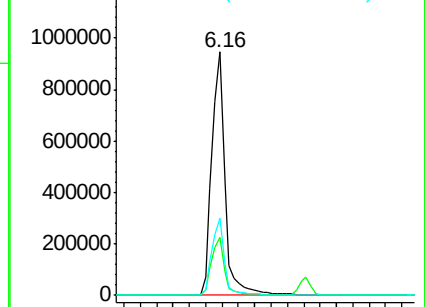
71 31.6 24.5 36.7



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: 2.70 ng

RT: 6.17 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF097171.D

Acq: 28 Jul 2017 23:18

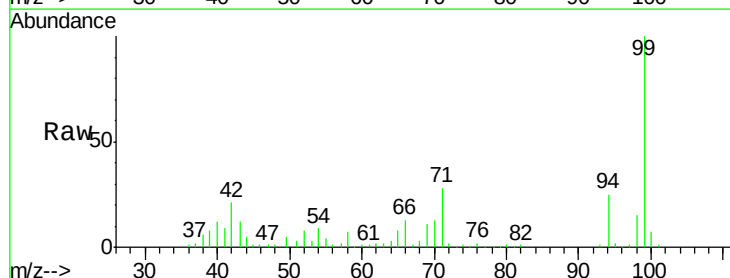
Tgt Ion: 94 Resp: 30257

Ion Ratio Lower Upper

94 100

65 34.5 9.9 49.9

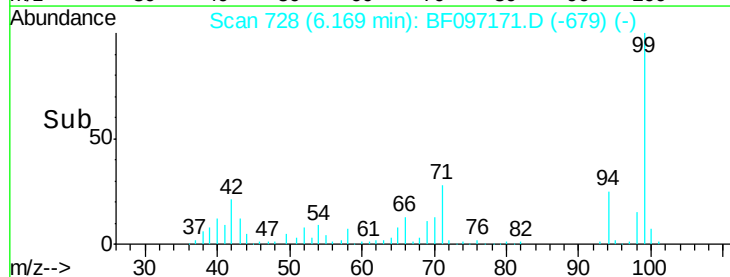
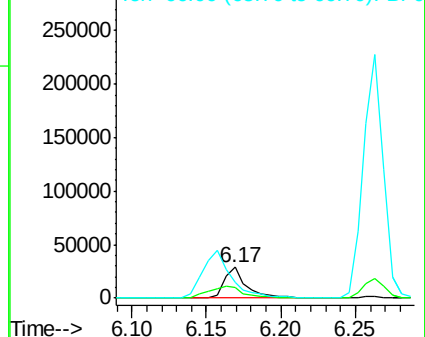
66 51.2 23.1 63.1

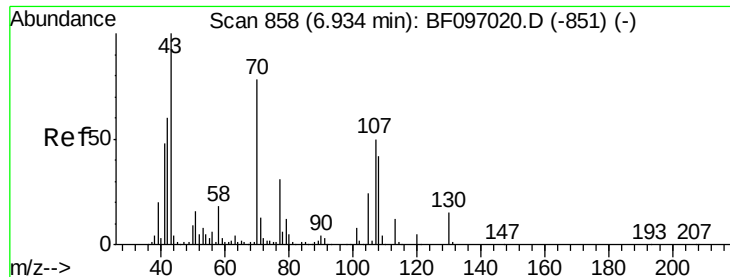


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

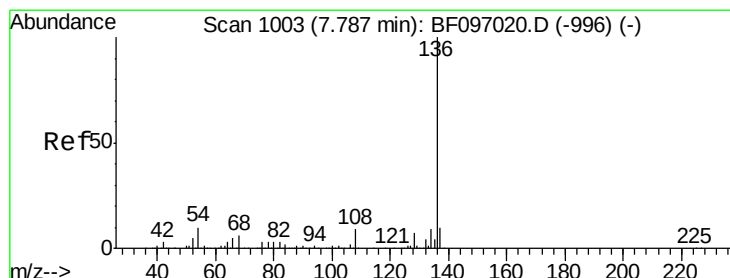
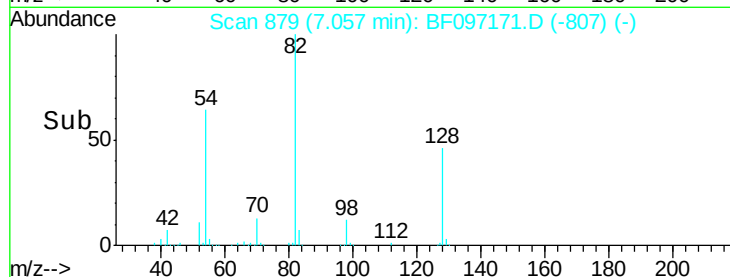
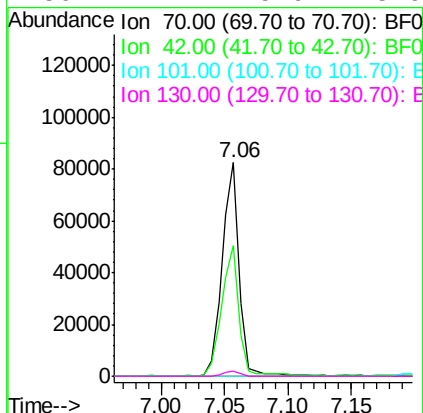
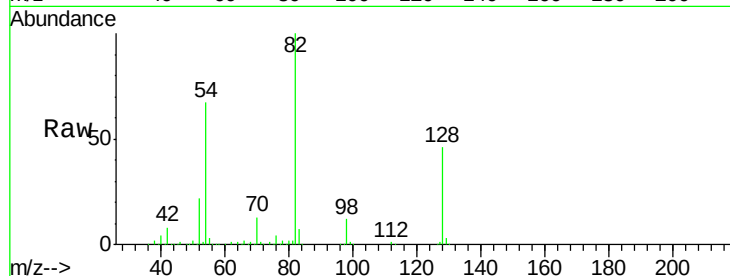




#19
n-Nitroso-di-n-propylamine
Concen: 12.39 ng
RT: 7.06 min Scan# 879
Delta R.T. 0.12 min
Lab File: BF097171.D
Acq: 28 Jul 2017 23:18

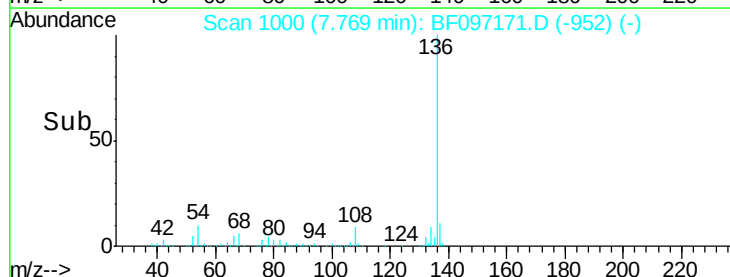
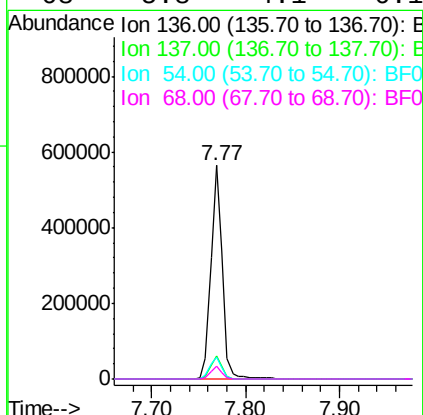
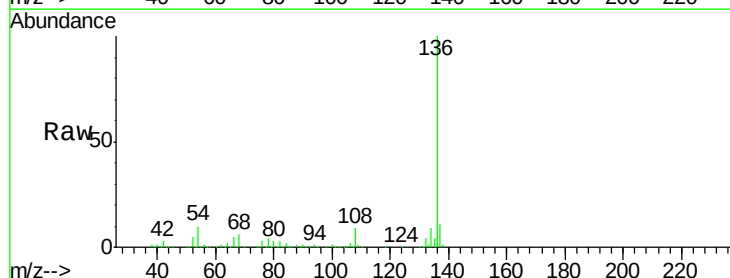
Instrument :
BNA_F
ClientSampleId :
TP-10D56

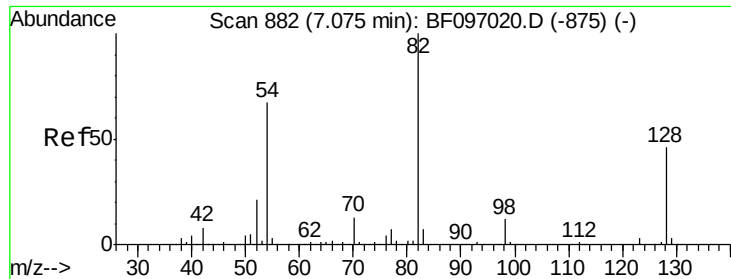
Tot Ion: 70 Resp: 77147
Ion Ratio Lower Upper
70 100
42 60.9 47.2 70.8
101 0.0 7.2 10.8#
130 2.2 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.77 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF097171.D
Acq: 28 Jul 2017 23:18

Tgt Ion:136 Resp: 490772
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 10.3 4.9 7.3#
68 5.8 4.1 6.1

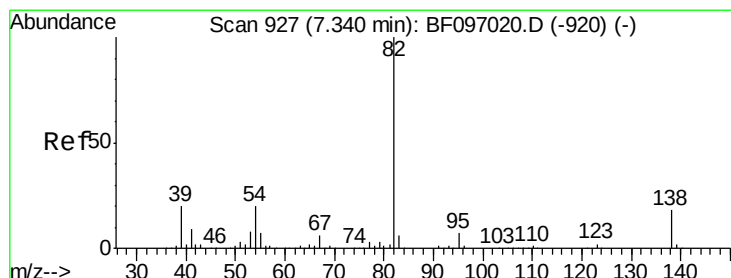
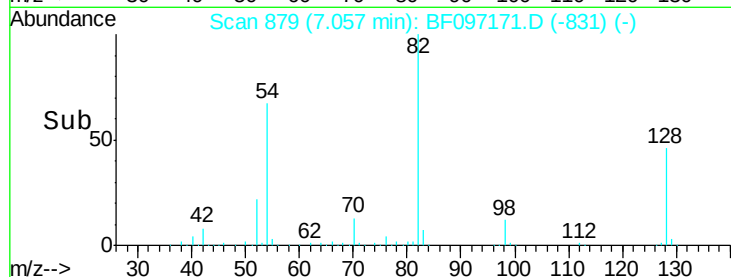
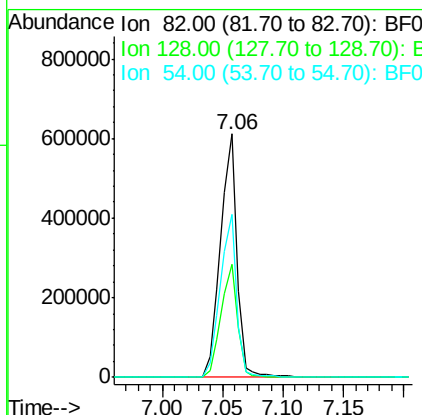
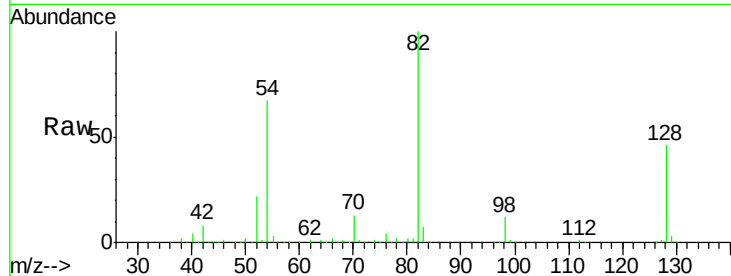




#23
 Nitrobenzene-d5
 Concen: 69.09 ng
 RT: 7.06 min Scan# 879
 Delta R.T. -0.02 min
 Lab File: BF097171.D
 Acq: 28 Jul 2017 23:18

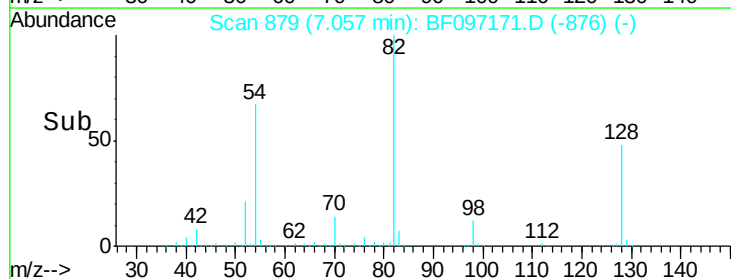
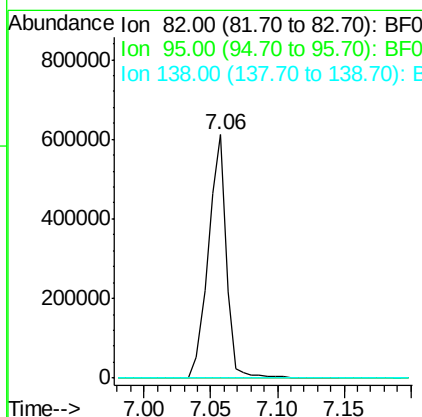
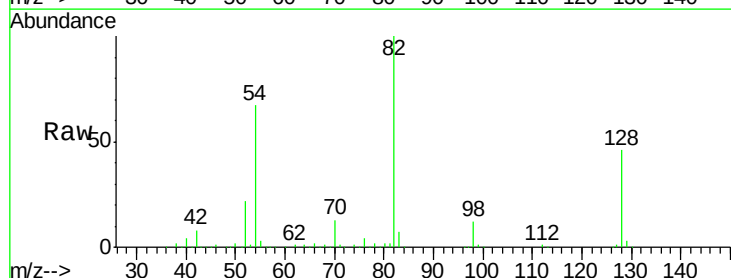
Instrument :
 BNA_F
 ClientSampleId :
 TP-10D56

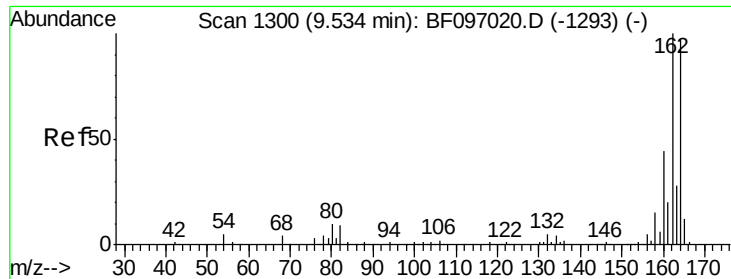
Tot Ion: 82 Resp: 578024
 Ion Ratio Lower Upper
 82 100
 128 46.5 34.0 51.0
 54 67.0 42.2 63.2#



#25
 Isophorone
 Concen: 34.91 ng
 RT: 7.06 min Scan# 879
 Delta R.T. -0.28 min
 Lab File: BF097171.D
 Acq: 28 Jul 2017 23:18

Tgt Ion: 82 Resp: 571887
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 13.1 19.7#

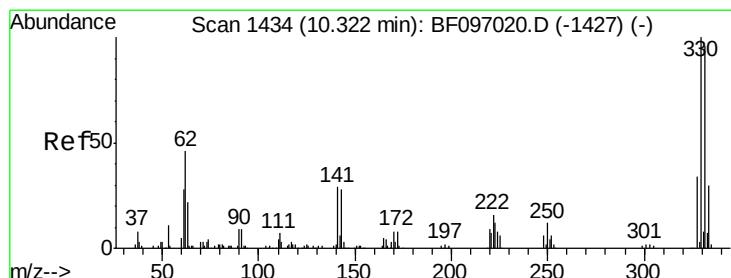
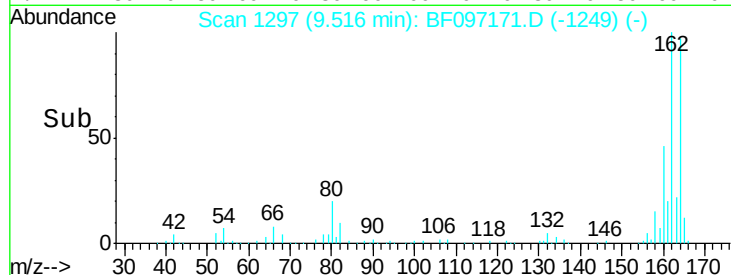
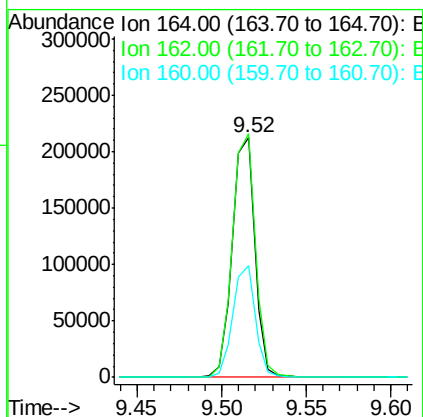
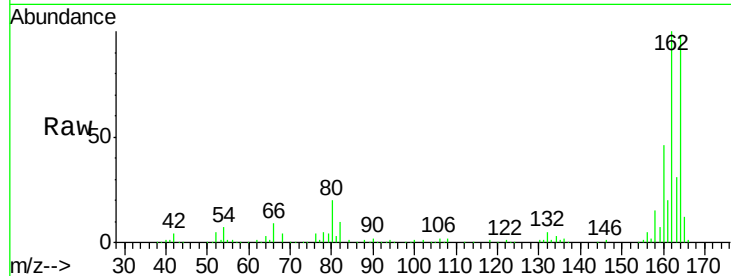




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.52 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF097171.D
 Acq: 28 Jul 2017 23:18

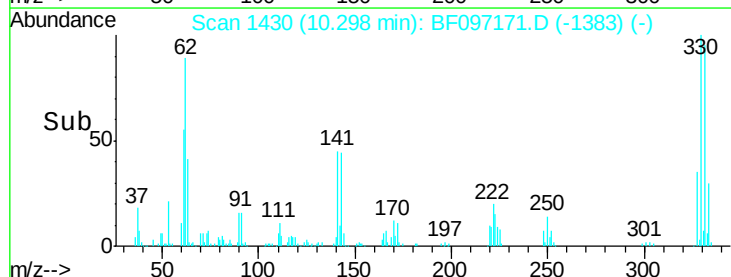
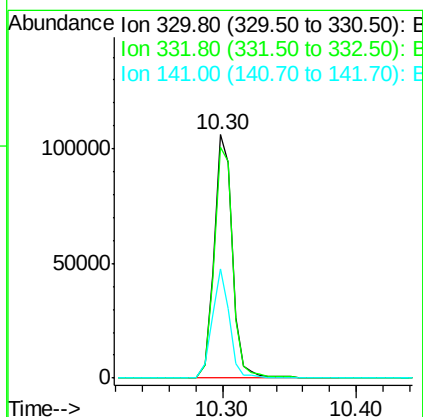
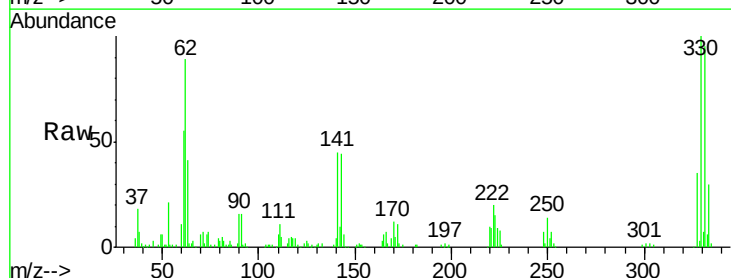
Instrument :
 BNA_F
 ClientSampleId :
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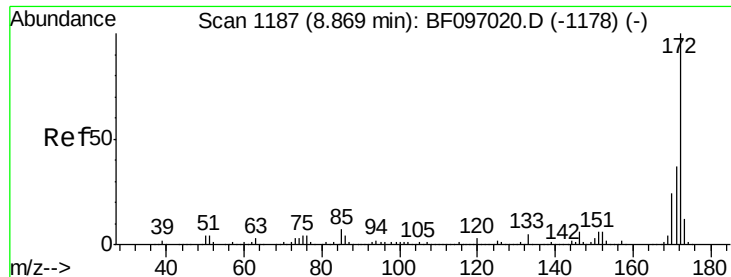
Tot Ion:164 Resp: 196803
 Ion Ratio Lower Upper
 164 100
 162 101.7 82.6 123.8
 160 46.6 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 66.00 ng
 RT: 10.30 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF097171.D
 Acq: 28 Jul 2017 23:18

Tgt Ion:330 Resp: 102623
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.6 115.0
 141 42.2 31.4 47.2

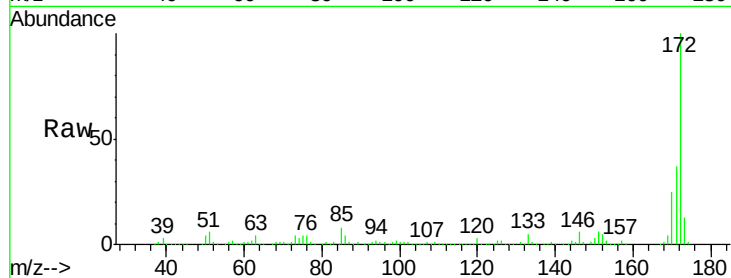




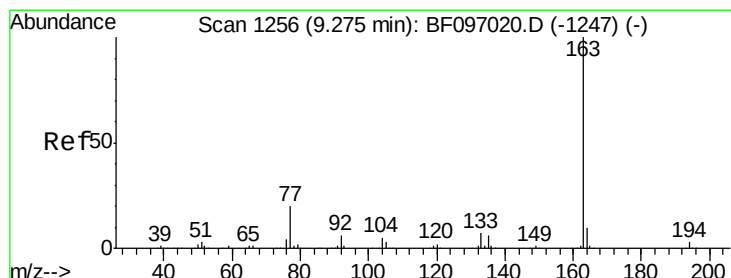
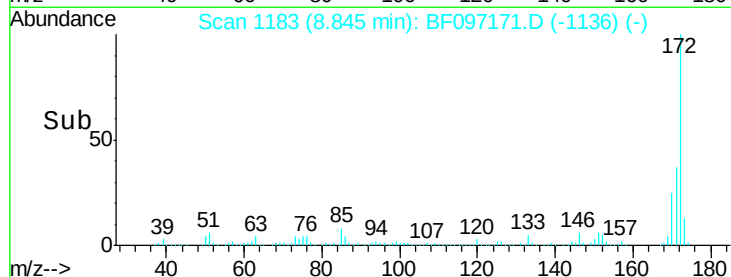
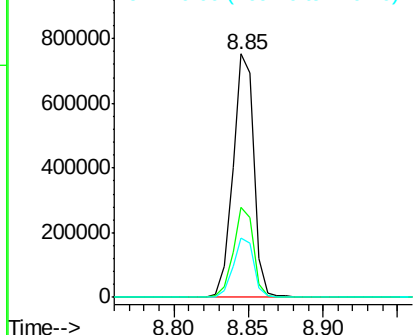
#44
2-Fluorobiphenyl
Concen: 64.24 ng
RT: 8.85 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF097171.D
Acq: 28 Jul 2017 23:18

Instrument :
BNA_F
ClientSampleId :
TP-10D56

Tot Ion:172 Resp: 744949
Ion Ratio Lower Upper
172 100
171 36.9 29.6 44.4
170 24.5 19.8 29.8

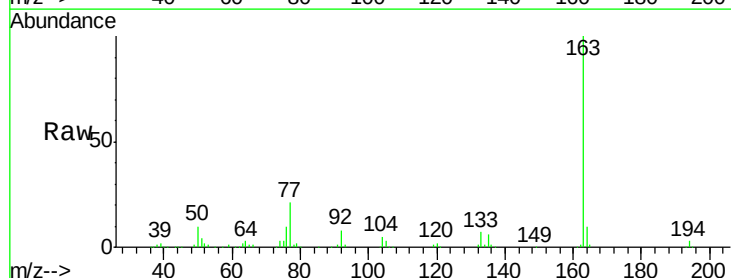


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

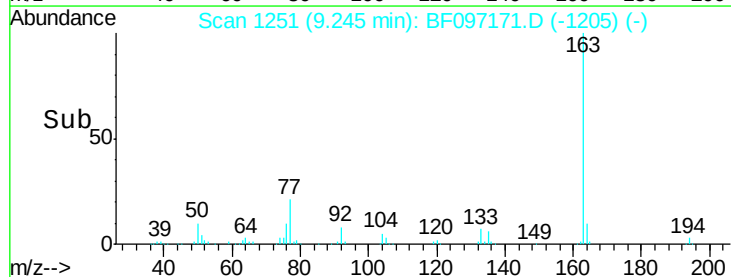
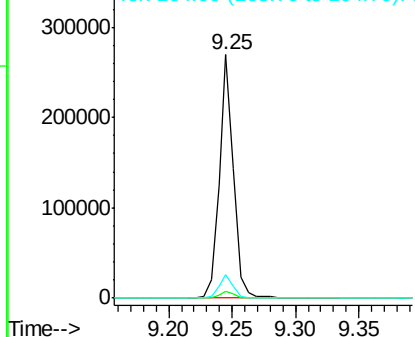


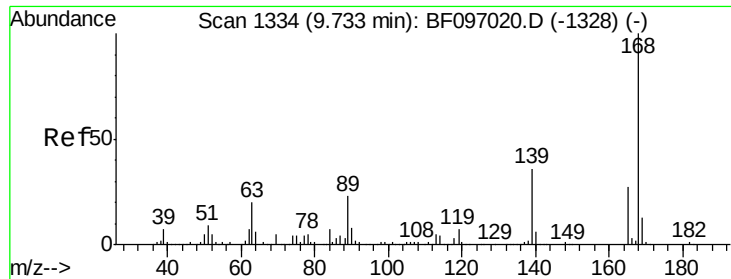
#49
Dimethylphthalate
Concen: 14.12 ng
RT: 9.25 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF097171.D
Acq: 28 Jul 2017 23:18

Tgt Ion:163 Resp: 211032
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 9.9 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: 6.84 ng

RT: 9.51 min Scan# 1296

Delta R.T. -0.22 min

Lab File: BF097171.D

Acq: 28 Jul 2017 23:18

Instrument :

BNA_F

ClientSampleId :

TP-10D56

Tot Ion:165 Resp: 24921

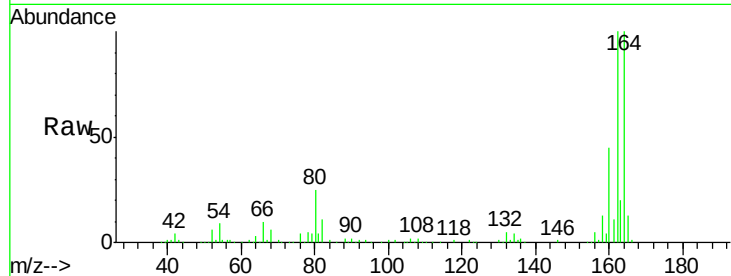
Ion Ratio Lower Upper

165 100

63 1.2 25.4 38.0#

89 2.0 46.4 69.6#

182 0.0 1.8 2.6#

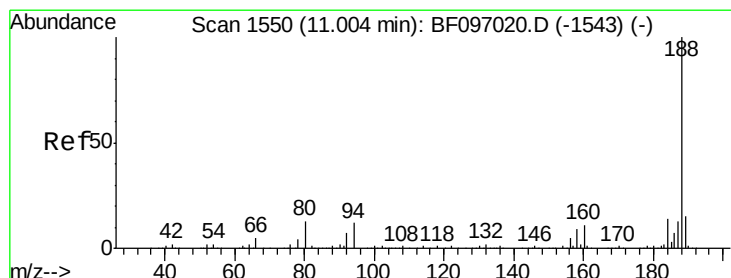
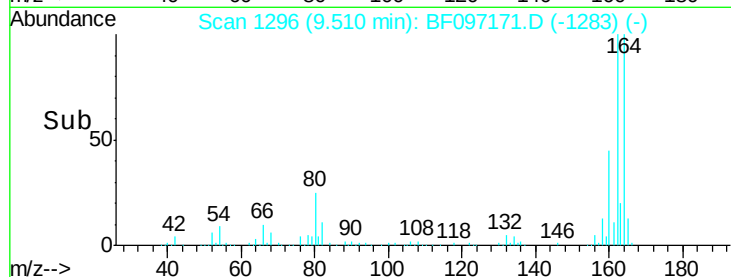
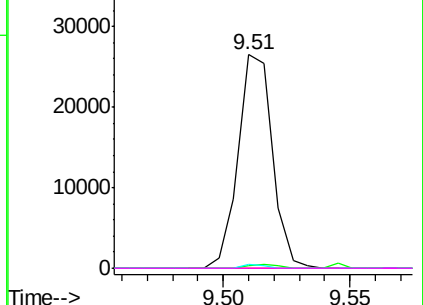


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF097171.D

Acq: 28 Jul 2017 23:18

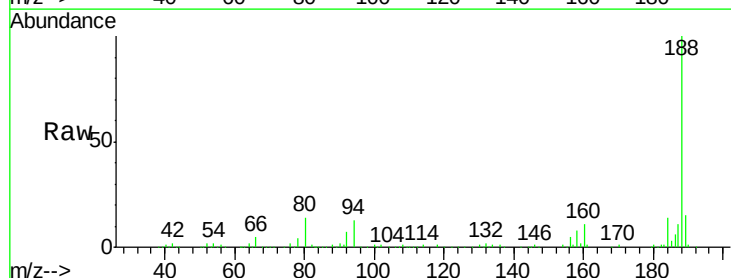
Tgt Ion:188 Resp: 259061

Ion Ratio Lower Upper

188 100

94 13.1 9.4 14.2

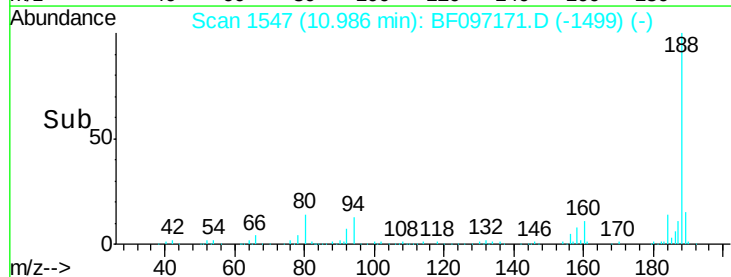
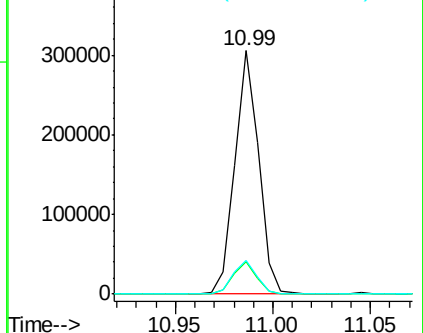
80 13.7 10.2 15.2

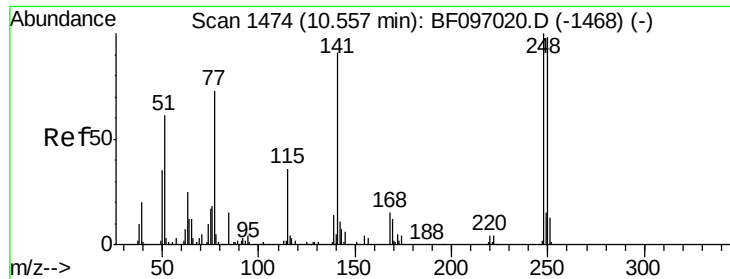


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

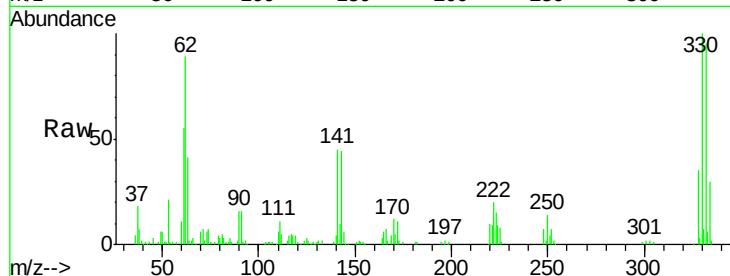




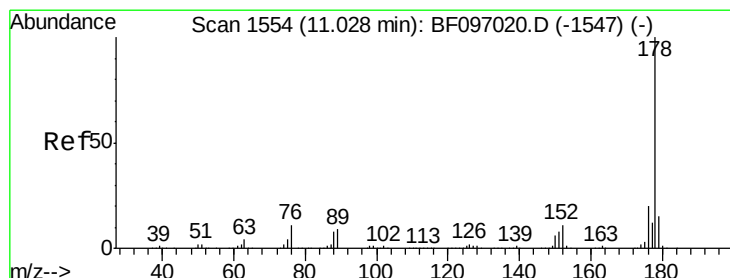
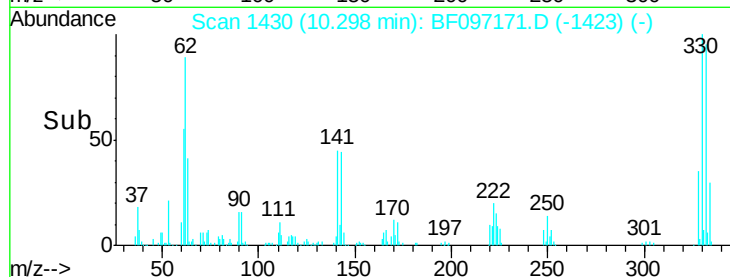
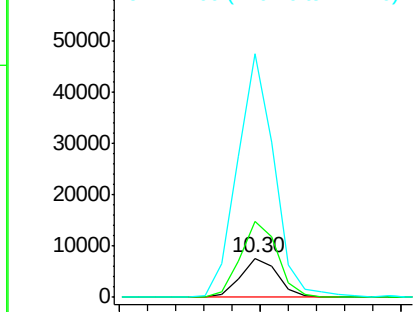
#66
 4-Bromophenyl-phenylether
 Concen: 2.69 ng
 RT: 10.30 min Scan# 1430
 Delta R.T. -0.26 min
 Lab File: BF097171.D
 Acq: 28 Jul 2017 23:18

Instrument :
 BNA_F
 ClientSampleId :
 TP-10D56

Tot Ion:248 Resp: 6960
 Ion Ratio Lower Upper
 248 100
 250 196.1 76.8 115.2#
 141 624.8 68.6 103.0#

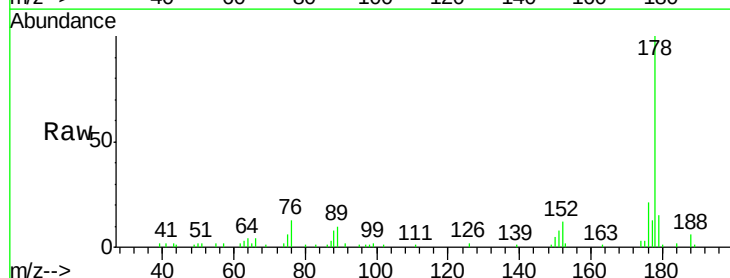


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

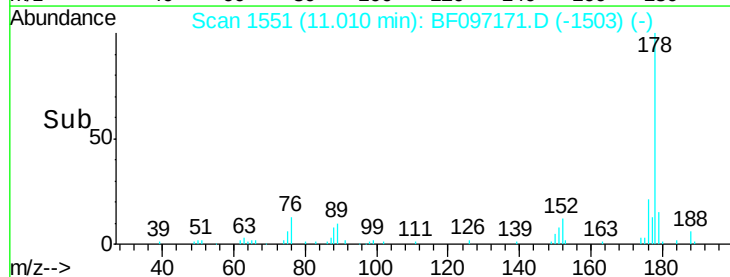
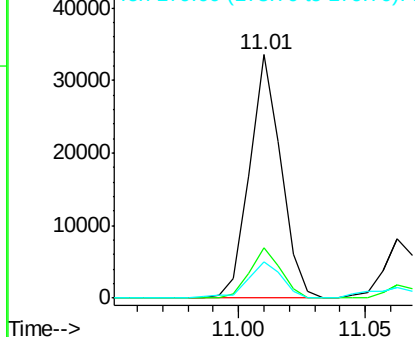


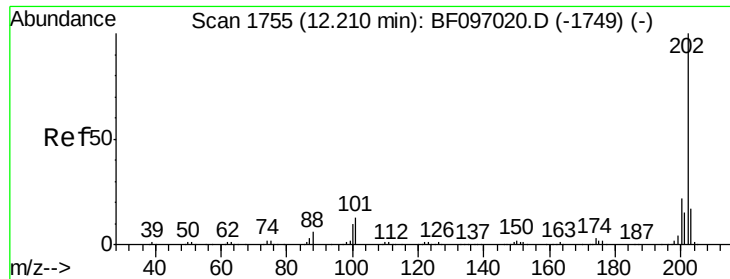
#70
 Phenanthrene
 Concen: 2.09 ng
 RT: 11.01 min Scan# 1551
 Delta R.T. -0.02 min
 Lab File: BF097171.D
 Acq: 28 Jul 2017 23:18

Tgt Ion:178 Resp: 28966
 Ion Ratio Lower Upper
 178 100
 176 20.6 16.2 24.4
 179 14.9 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

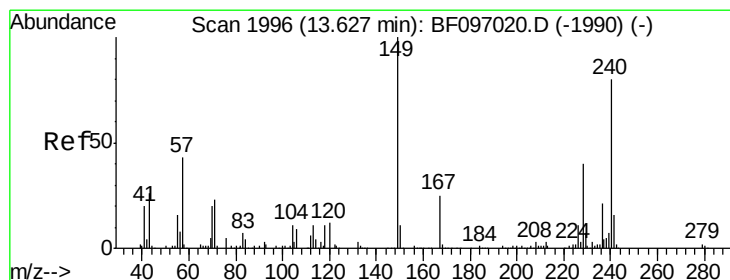
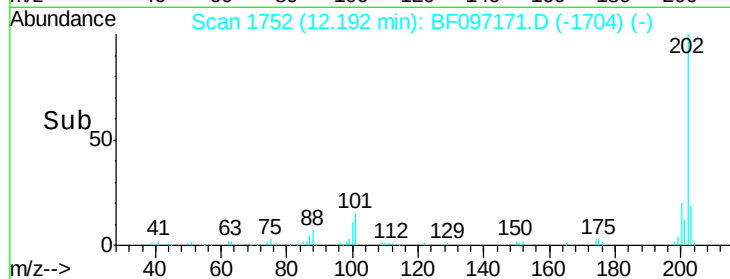
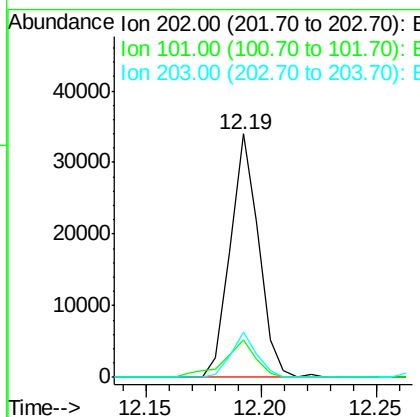
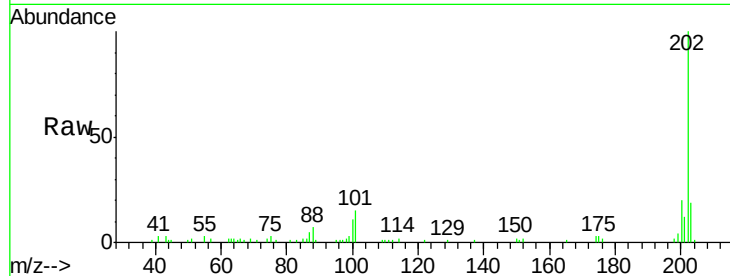




#74
Fluoranthene
Concen: 2.14 ng
RT: 12.19 min Scan# 1752
Delta R.T. -0.02 min
Lab File: BF097171.D
Acq: 28 Jul 2017 23:18

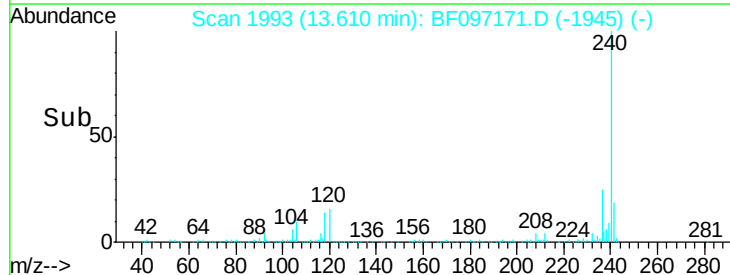
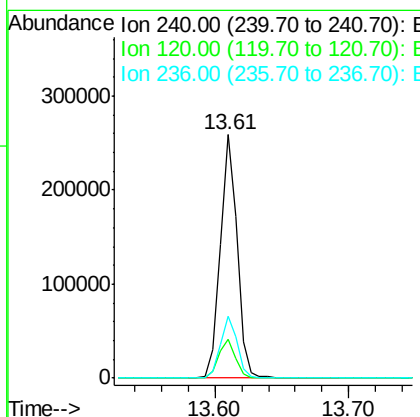
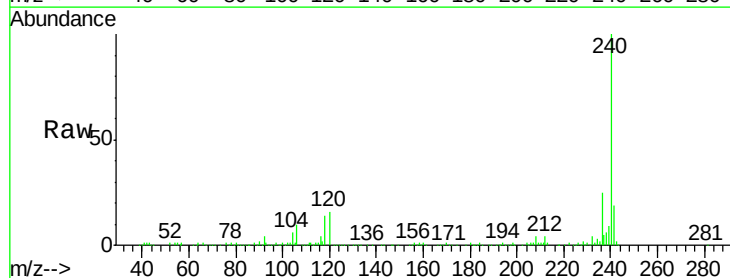
Instrument :
BNA_F
ClientSampleId :
TP-10D56

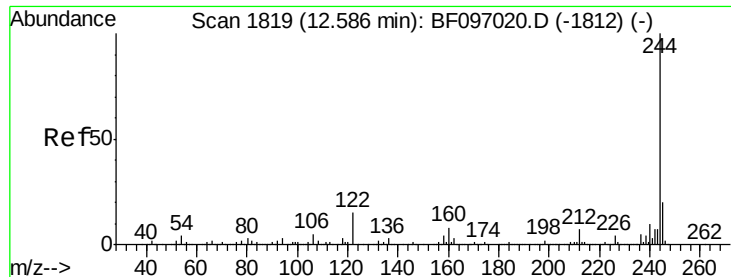
Tot Ion:202 Resp: 29149
Ion Ratio Lower Upper
202 100
101 15.4 0.0 33.2
203 18.6 0.0 38.1



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.61 min Scan# 1993
Delta R.T. -0.02 min
Lab File: BF097171.D
Acq: 28 Jul 2017 23:18

Tgt Ion:240 Resp: 231480
Ion Ratio Lower Upper
240 100
120 15.7 5.8 8.8#
236 25.4 20.5 30.7

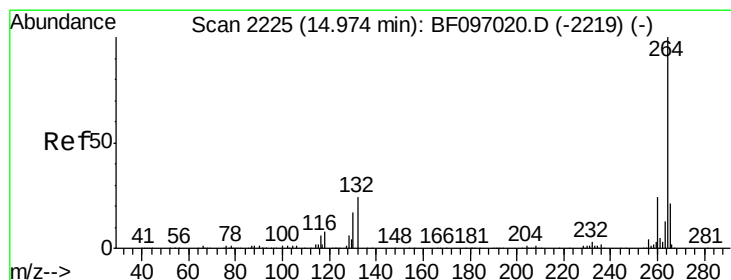
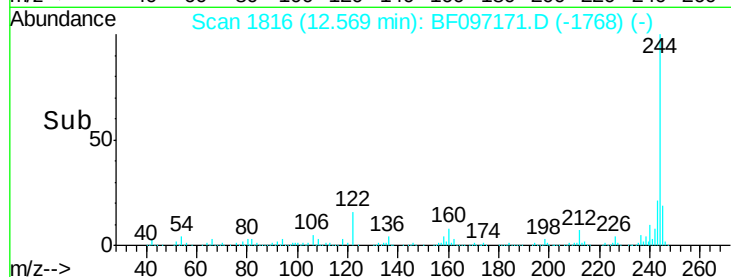
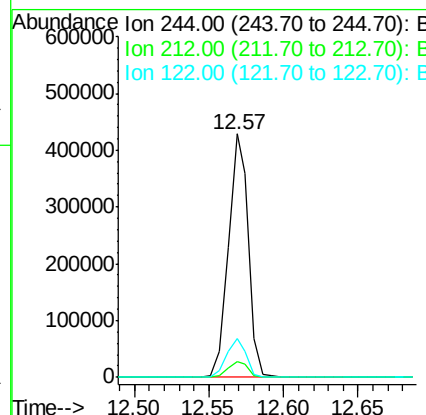
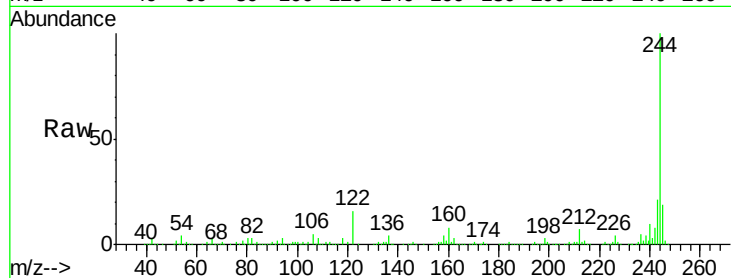




#78
 Terphenyl-d14
 Concen: 35.51 ng
 RT: 12.57 min Scan# 1816
 Delta R.T. -0.02 min
 Lab File: BF097171.D
 Acq: 28 Jul 2017 23:18

Instrument :
 BNA_F
 ClientSampleId :
 TP-10D56

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	15.9	10.3	15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.96 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BF097171.D
 Acq: 28 Jul 2017 23:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	21.5	17.2	25.8

