

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
 Data File : BF097280.D
 Acq On : 2 Aug 2017 18:25
 Operator : SJ/JU
 Sample : I4534-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 02 23:09:05 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

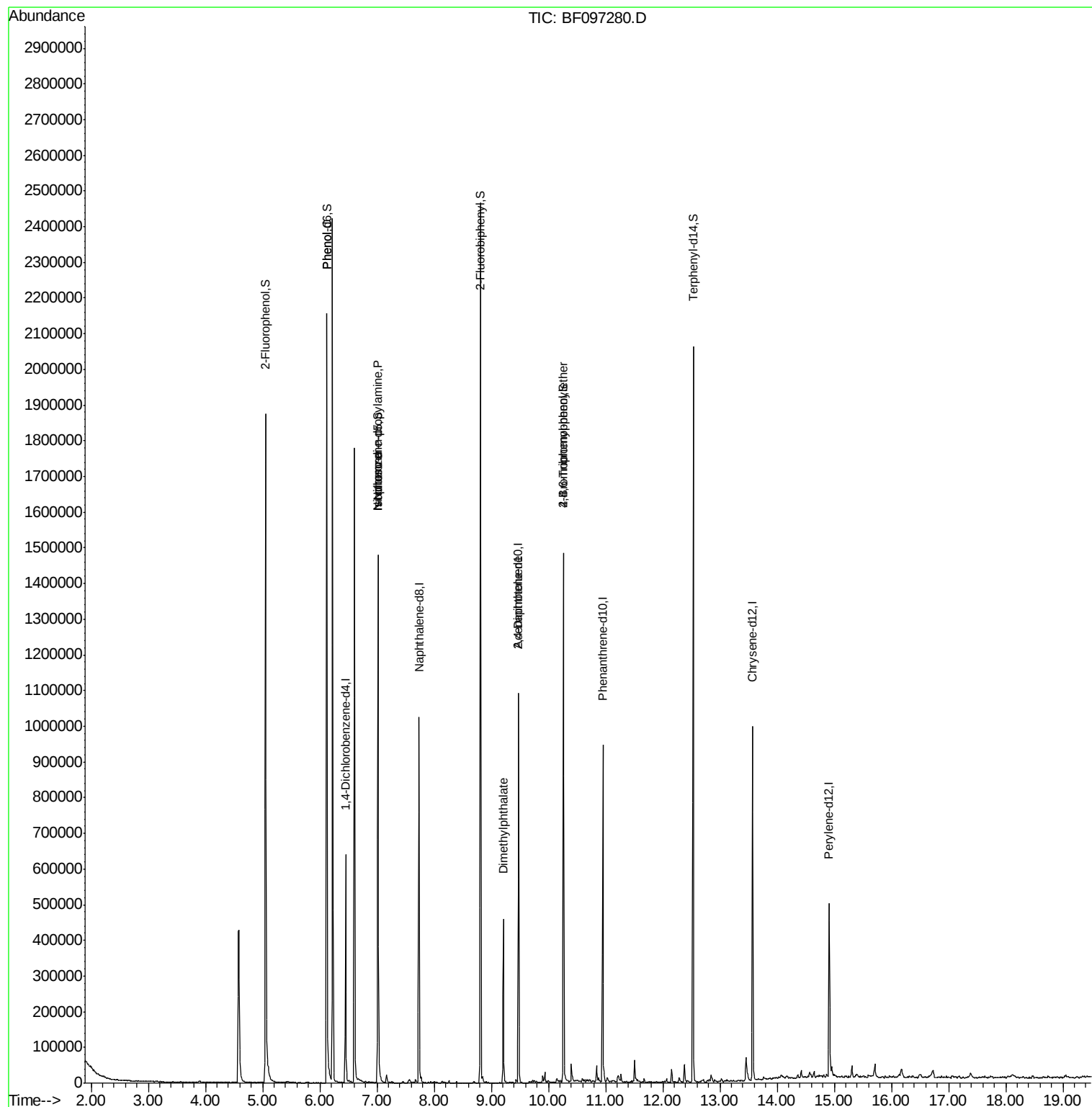
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.45	152	99020	20.00	ng	-0.05
21) Naphthalene-d8	7.73	136	453997	20.00	ng	-0.05
38) Acenaphthene-d10	9.47	164	198015	20.00	ng	-0.06
63) Phenanthrene-d10	10.95	188	359153	20.00	ng	-0.05
75) Chrysene-d12	13.57	240	311722	20.00	ng	-0.06
86) Perylene-d12	14.91	264	196403	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	621091	94.56	ng	-0.05
7) Phenol-d6	6.12	99	754299	100.59	ng	-0.05
23) Nitrobenzene-d5	7.02	82	484266	62.58	ng	-0.05
41) 2,4,6-Tribromophenol	10.26	330	163251	104.35	ng	-0.06
44) 2-Fluorobiphenyl	8.81	172	765776	65.63	ng	-0.06
78) Terphenyl-d14	12.53	244	633902	41.46	ng	-0.05
Target Compounds						
10) Phenol	6.13	94	19836	2.23	ng	# 56
19) n-Nitroso-di-n-propylamine	7.02	70	63899	12.95	ng	# 89
25) Isophorone	7.02	82	469449	30.97	ng	# 67
49) Dimethylphthalate	9.21	163	182041	12.11	ng	99
56) 2,4-Dinitrotoluene	9.47	165	24610	6.71	ng	# 33
66) 4-Bromophenyl-phenylether	10.26	248	10314	2.88	ng	# 1

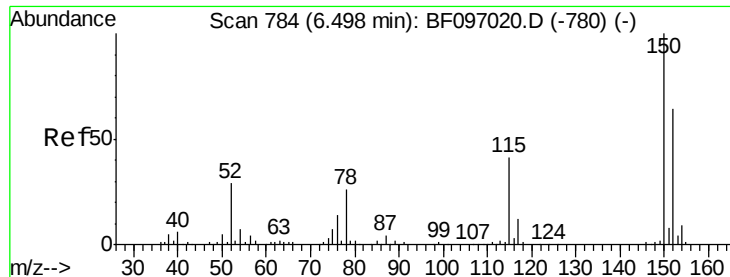
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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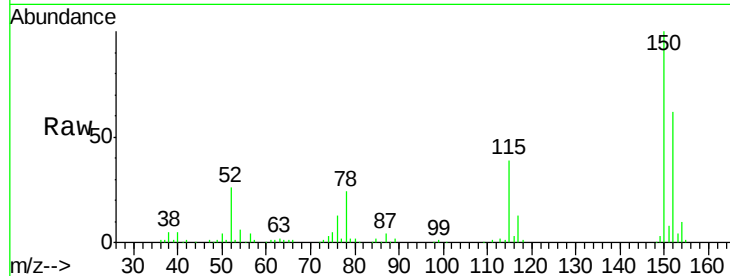


#1

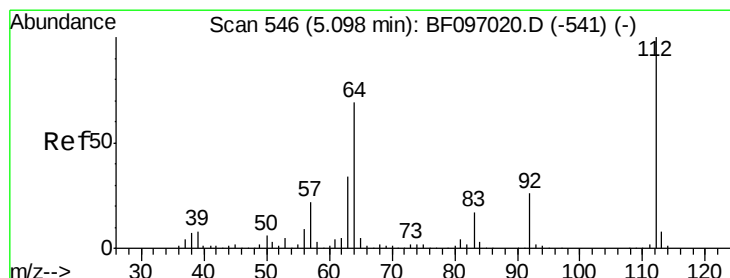
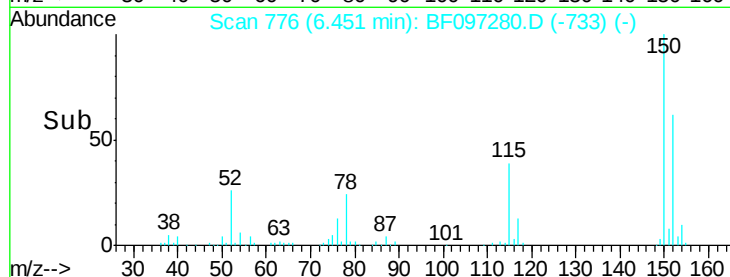
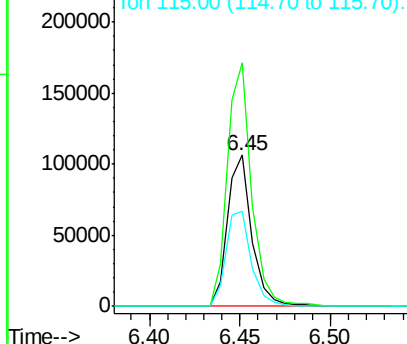
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.45 min Scan# 776
Delta R.T. -0.05 min
Lab File: BF097280.D
Acq: 2 Aug 2017 18:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 99020
Ion Ratio Lower Upper
152 100
150 161.1 126.2 189.2
115 62.9 52.2 78.2



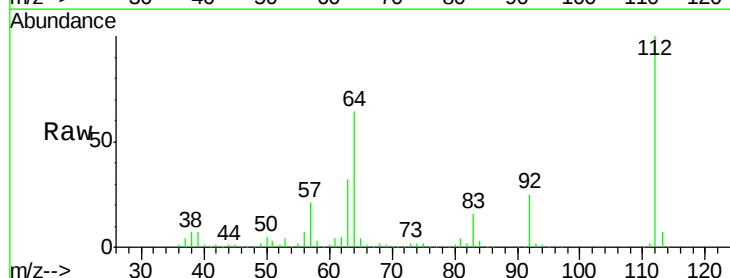
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



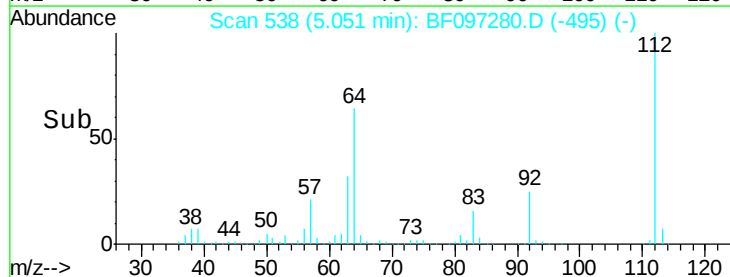
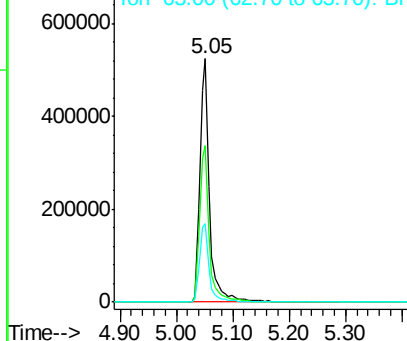
#5

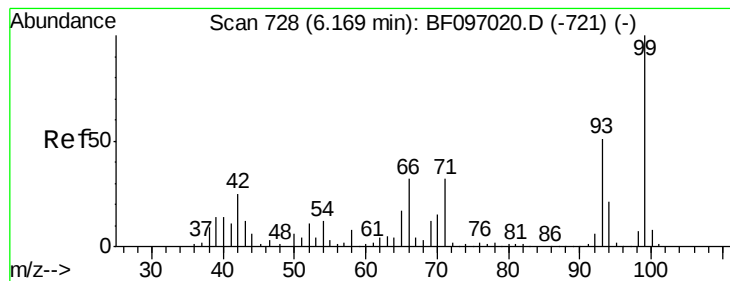
2-Fluorophenol
Concen: 94.56 ng
RT: 5.05 min Scan# 538
Delta R.T. -0.05 min
Lab File: BF097280.D
Acq: 2 Aug 2017 18:25

Tgt Ion:112 Resp: 621091
Ion Ratio Lower Upper
112 100
64 64.4 46.0 69.0
63 32.4 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: 100.59 ng

RT: 6.12 min Scan# 720

Delta R.T. -0.05 min

Lab File: BF097280.D

Acq: 2 Aug 2017 18:25

Instrument :

BNA_F

ClientSampled :

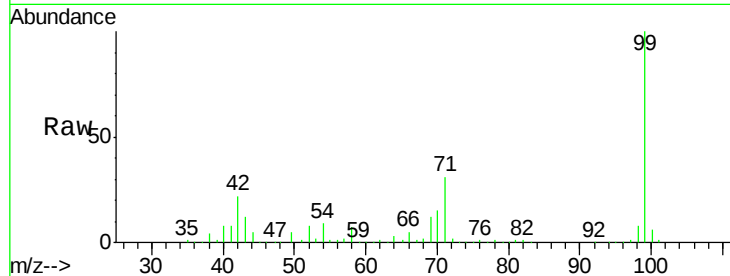
Tot Ion: 99 Resp: 754299

Ion Ratio Lower Upper

99 100

42 22.4 13.5 20.3#

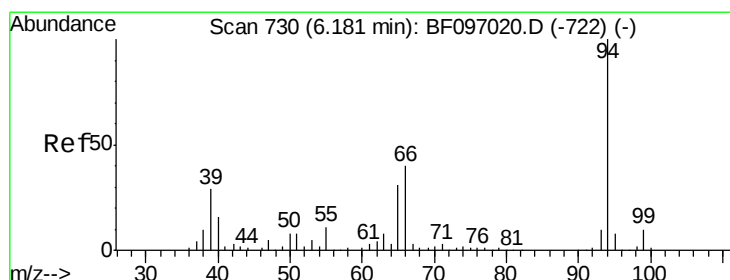
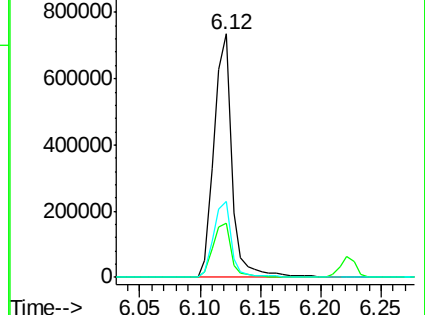
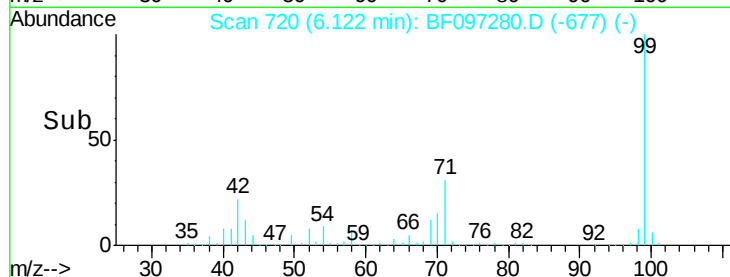
71 31.2 24.5 36.7



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: 2.23 ng

RT: 6.13 min Scan# 721

Delta R.T. -0.05 min

Lab File: BF097280.D

Acq: 2 Aug 2017 18:25

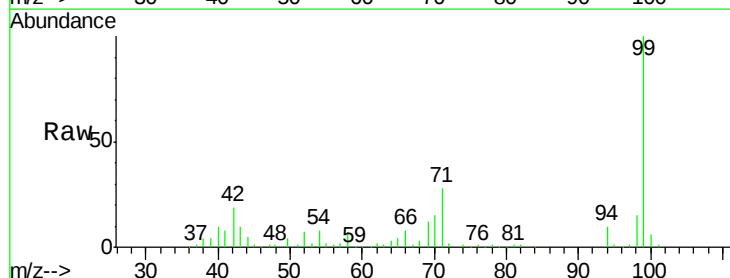
Tgt Ion: 94 Resp: 19836

Ion Ratio Lower Upper

94 100

65 40.7 9.9 49.9

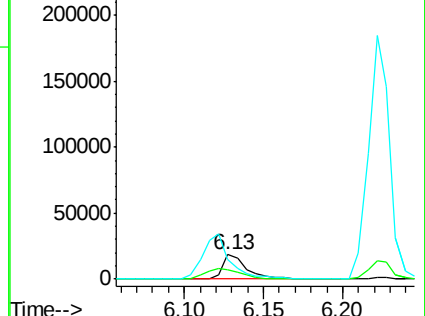
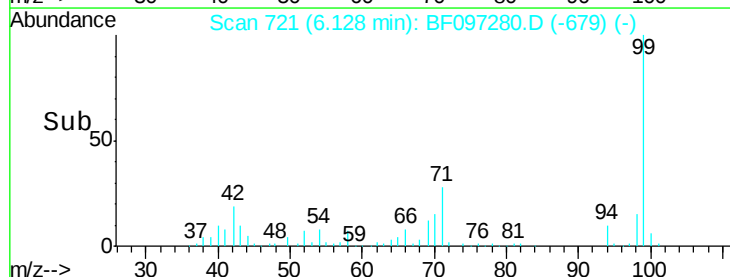
66 81.9 23.1 63.1#

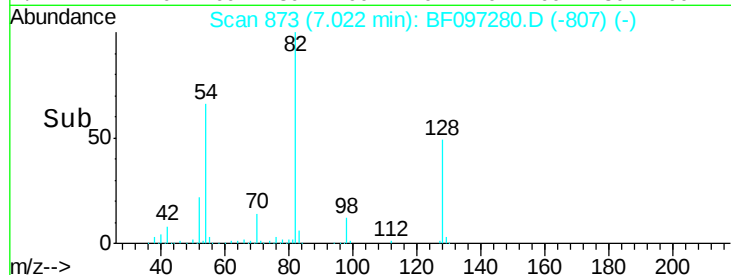
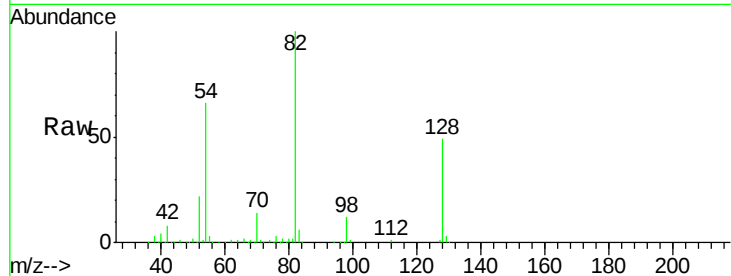
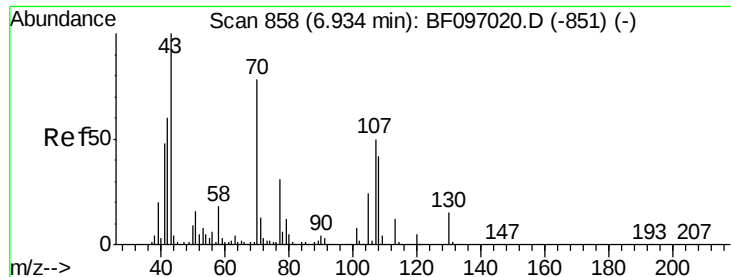


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

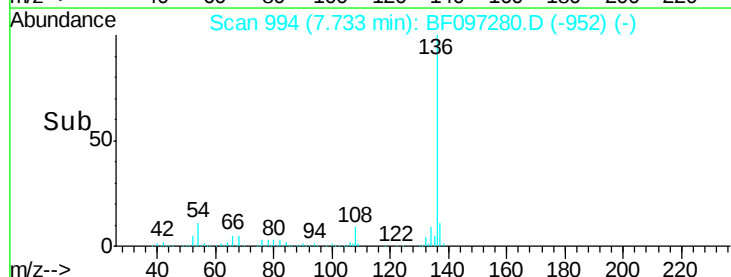
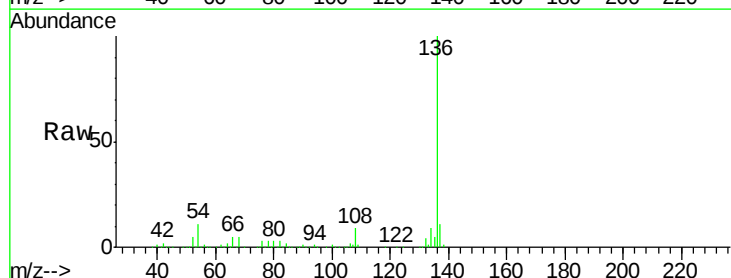
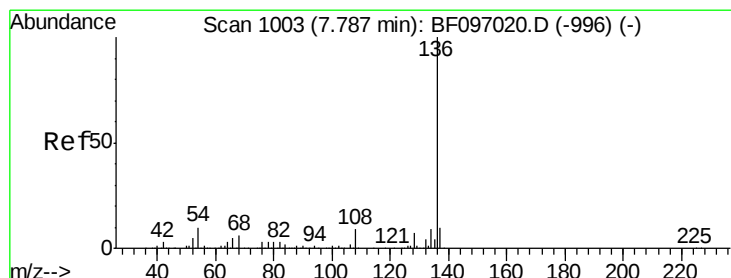
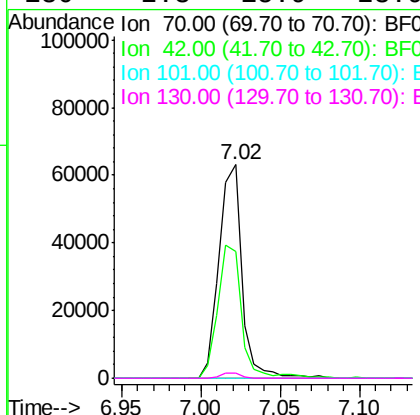




#19
n-Nitroso-di-n-propylamine
Concen: 12.95 ng
RT: 7.02 min Scan# 873
Delta R.T. 0.09 min
Lab File: BF097280.D
Acq: 2 Aug 2017 18:25

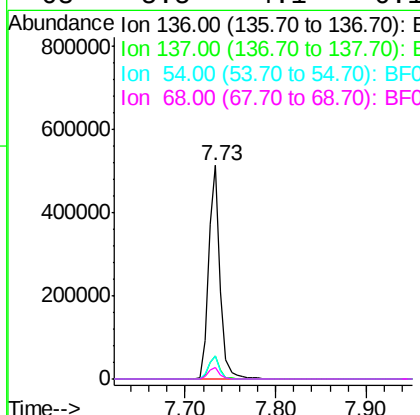
Instrument :
BNA_F
ClientSampleId :

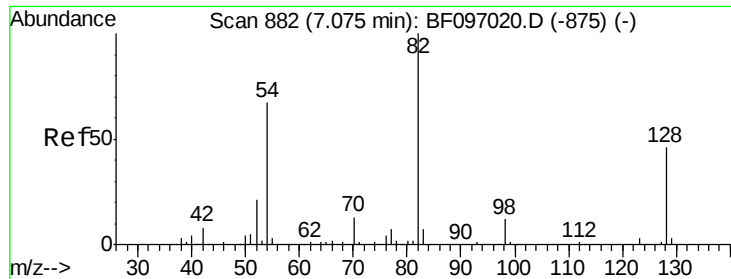
Tot Ion: 70 Resp: 63899
Ion Ratio Lower Upper
70 100
42 59.2 47.2 70.8
101 0.0 7.2 10.8#
130 2.3 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.73 min Scan# 994
Delta R.T. -0.05 min
Lab File: BF097280.D
Acq: 2 Aug 2017 18:25

Tgt Ion: 136 Resp: 453997
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 10.8 4.9 7.3#
68 5.5 4.1 6.1

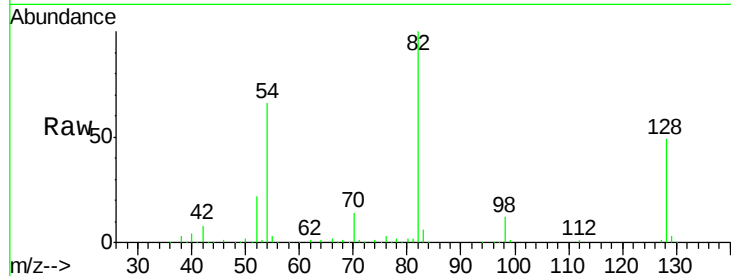




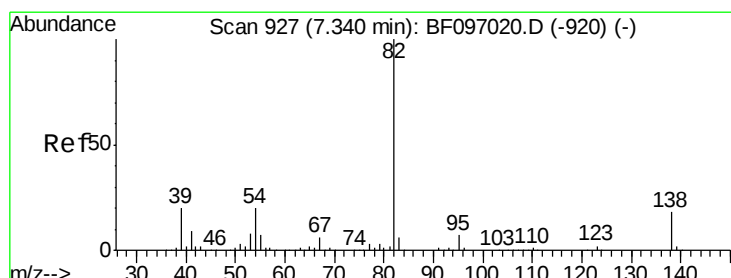
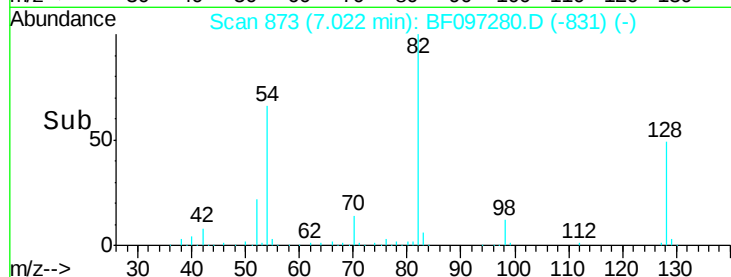
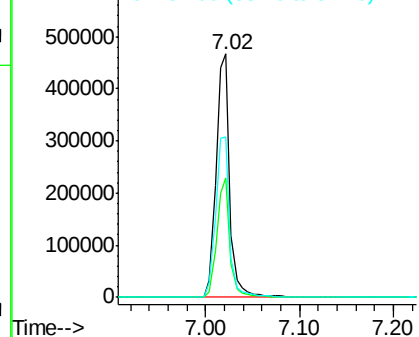
#23
Nitrobenzene-d5
Concen: 62.58 ng
RT: 7.02 min Scan# 873
Delta R.T. -0.05 min
Lab File: BF097280.D
Acq: 2 Aug 2017 18:25

Instrument :
BNA_F
ClientSampleID :

Tot Ion: 82 Resp: 484266
Ion Ratio Lower Upper
82 100
128 49.0 34.0 51.0
54 66.0 42.2 63.2#

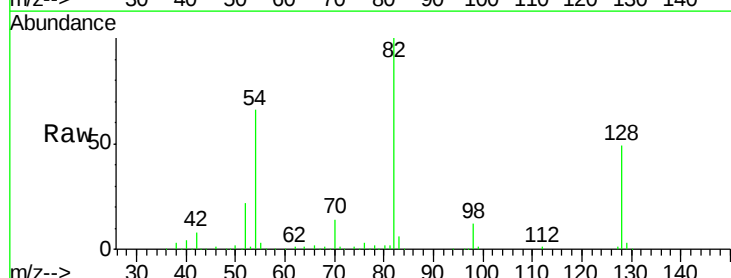


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

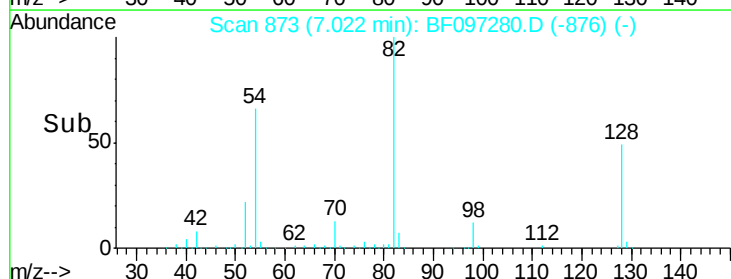
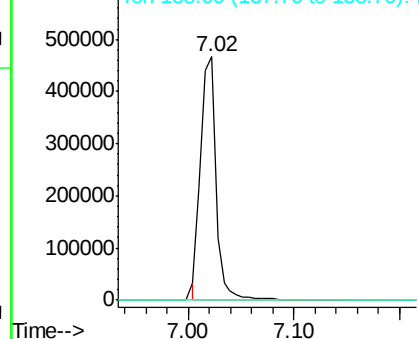


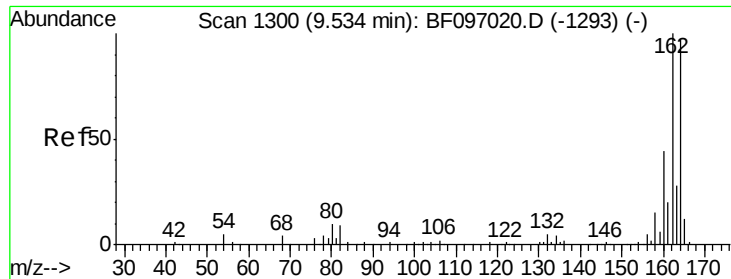
#25
Isophorone
Concen: 30.97 ng
RT: 7.02 min Scan# 873
Delta R.T. -0.32 min
Lab File: BF097280.D
Acq: 2 Aug 2017 18:25

Tgt Ion: 82 Resp: 469449
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

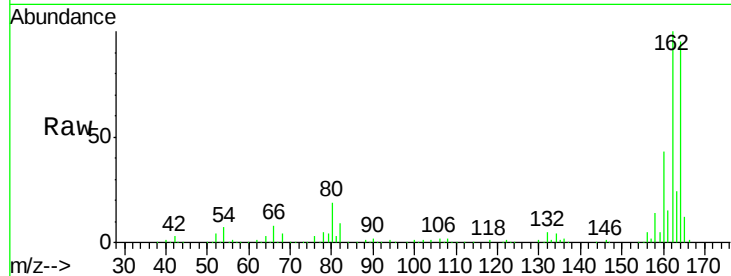




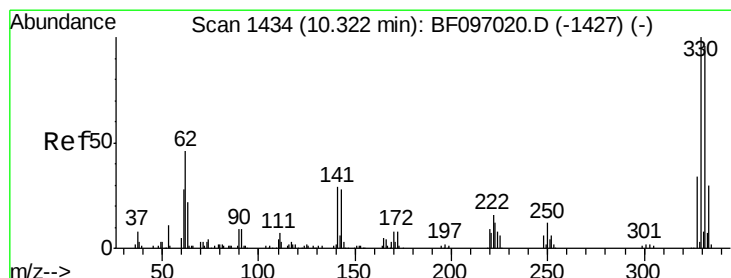
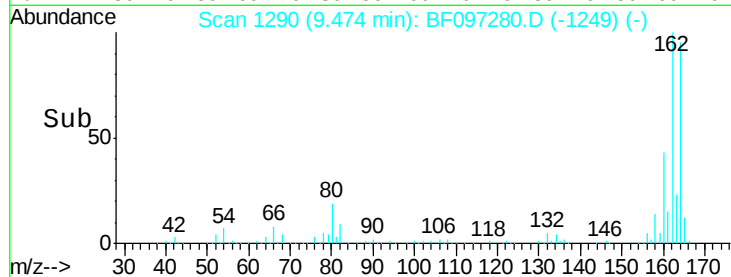
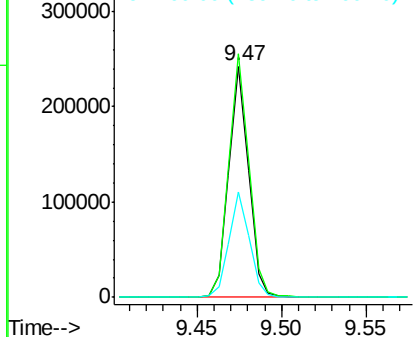
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.47 min Scan# 1290
 Delta R.T. -0.06 min
 Lab File: BF097280.D
 Acq: 2 Aug 2017 18:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 198015
 Ion Ratio Lower Upper
 164 100
 162 105.5 82.6 123.8
 160 45.7 36.2 54.2

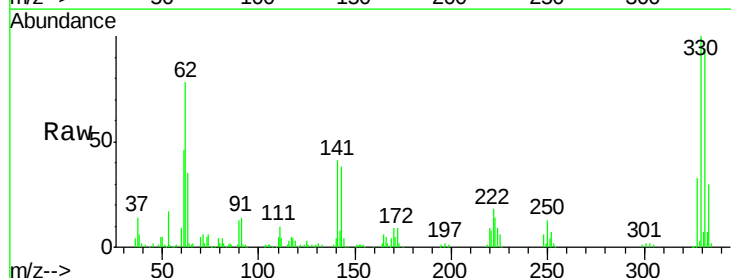


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

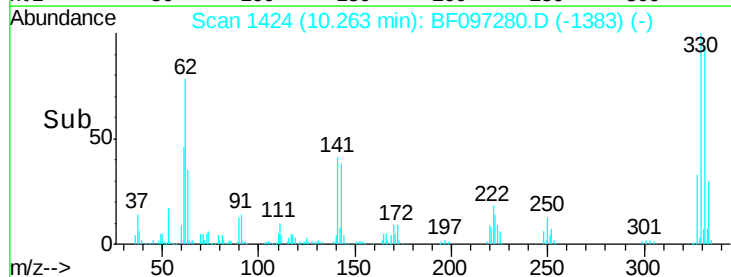
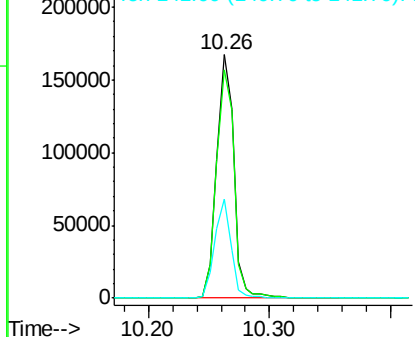


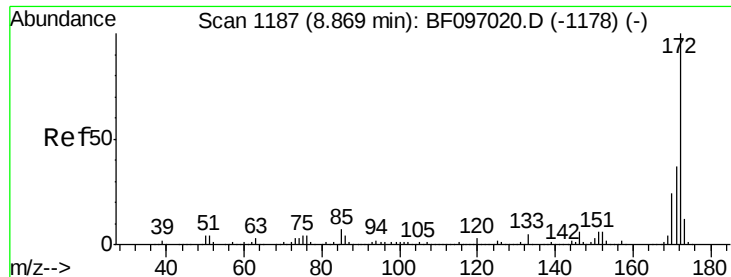
#41
 2,4,6-Tribromophenol
 Concen: 104.35 ng
 RT: 10.26 min Scan# 1424
 Delta R.T. -0.06 min
 Lab File: BF097280.D
 Acq: 2 Aug 2017 18:25

Tgt Ion:330 Resp: 163251
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 115.0
 141 38.8 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

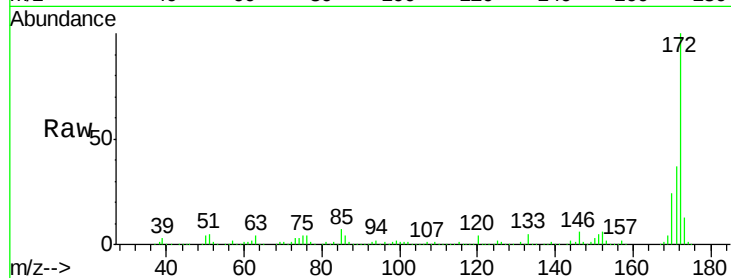




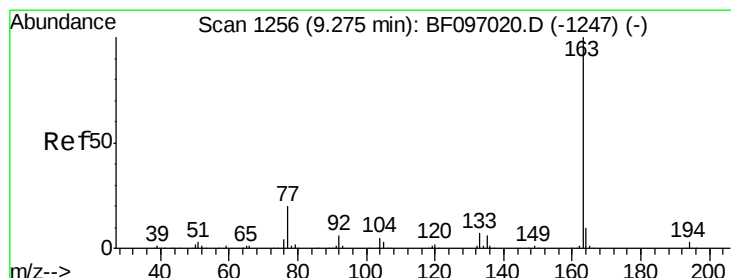
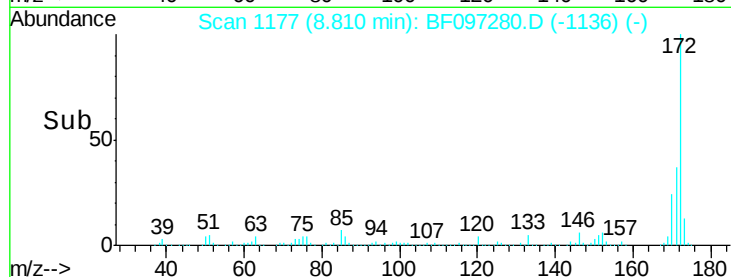
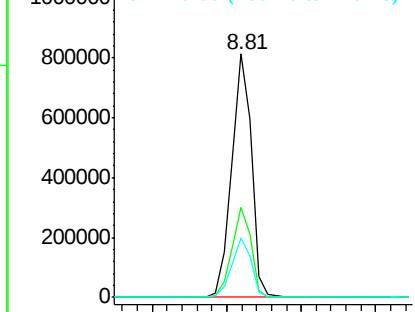
#44
2-Fluorobiphenyl
Concen: 65.63 ng
RT: 8.81 min Scan# 1177
Delta R.T. -0.06 min
Lab File: BF097280.D
Acq: 2 Aug 2017 18:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 765776
Ion Ratio Lower Upper
172 100
171 36.9 29.6 44.4
170 24.2 19.8 29.8

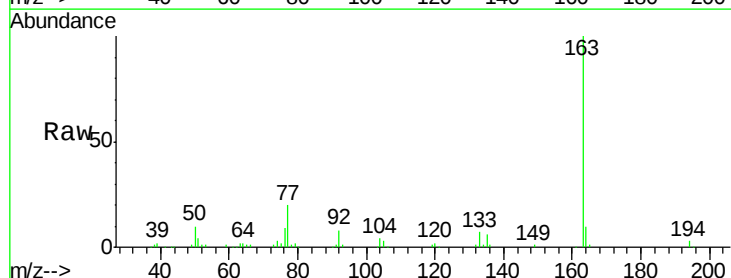


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

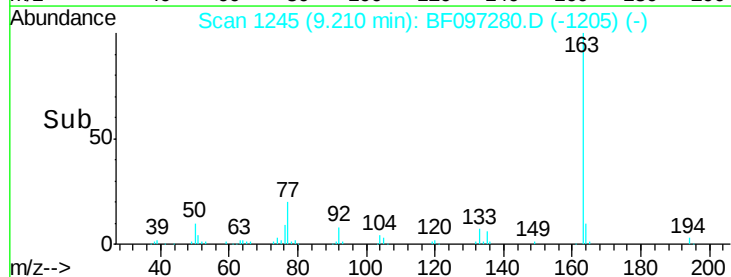
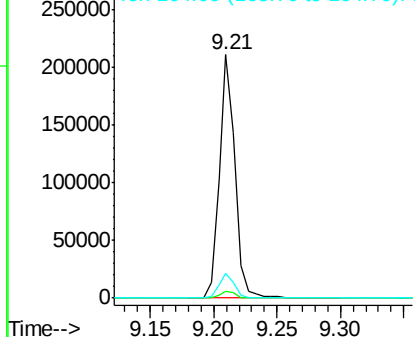


#49
Dimethylphthalate
Concen: 12.11 ng
RT: 9.21 min Scan# 1245
Delta R.T. -0.06 min
Lab File: BF097280.D
Acq: 2 Aug 2017 18:25

Tgt Ion:163 Resp: 182041
Ion Ratio Lower Upper
163 100
194 2.8 2.6 4.0
164 10.0 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

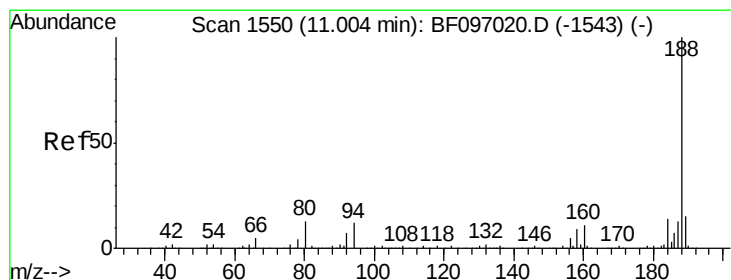
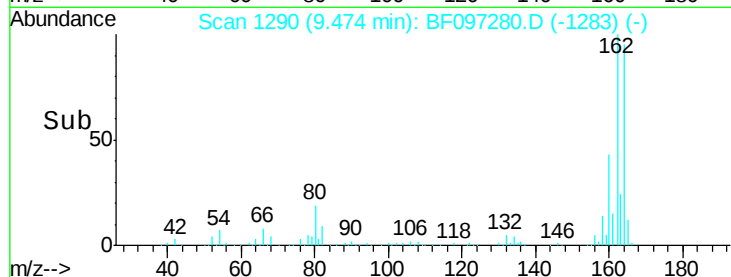
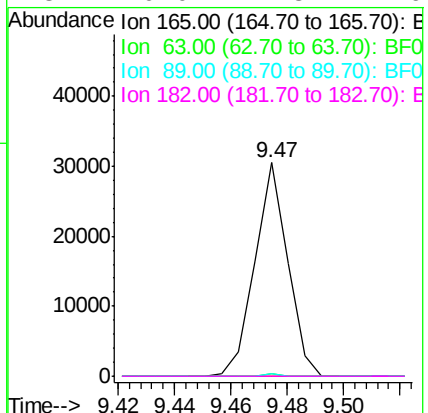
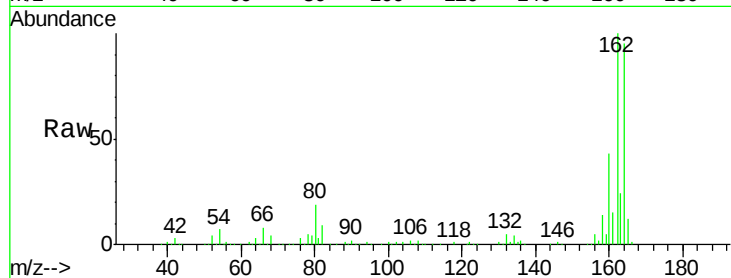




#56
 2,4-Dinitrotoluene
 Concen: 6.71 ng
 RT: 9.47 min Scan# 1290
 Delta R.T. -0.26 min
 Lab File: BF097280.D
 Acq: 2 Aug 2017 18:25

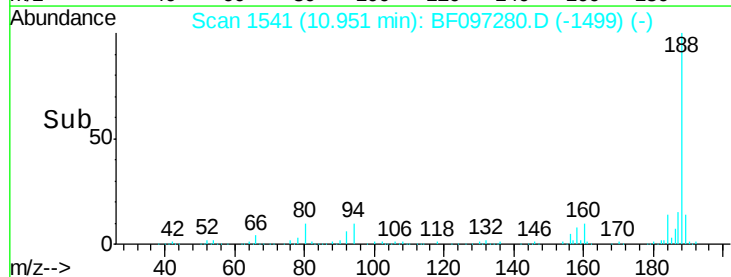
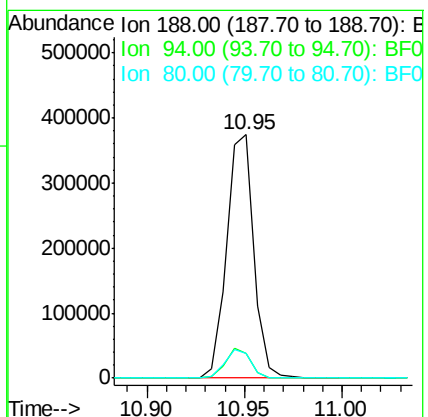
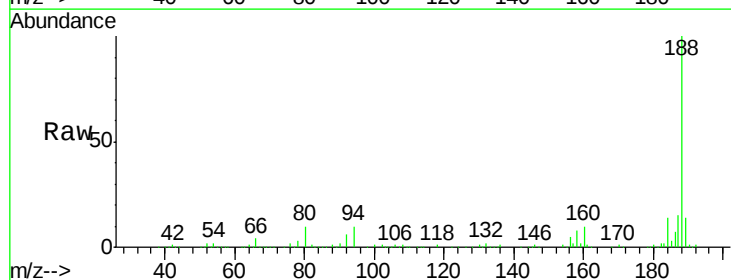
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 24610
 Ion Ratio Lower Upper
 165 100
 63 1.4 25.4 38.0#
 89 1.0 46.4 69.6#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.95 min Scan# 1541
 Delta R.T. -0.05 min
 Lab File: BF097280.D
 Acq: 2 Aug 2017 18:25

Tgt Ion:188 Resp: 359153
 Ion Ratio Lower Upper
 188 100
 94 10.1 9.4 14.2
 80 10.0 10.2 15.2#

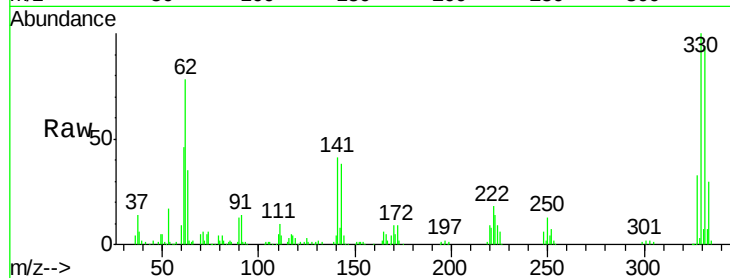




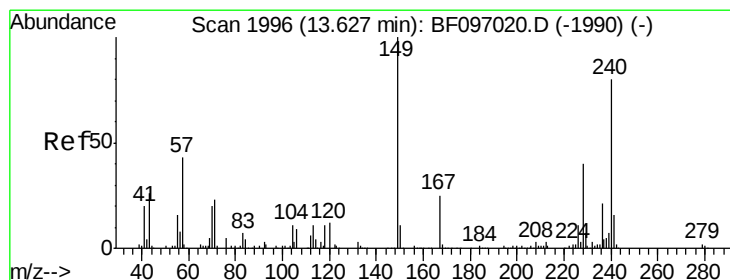
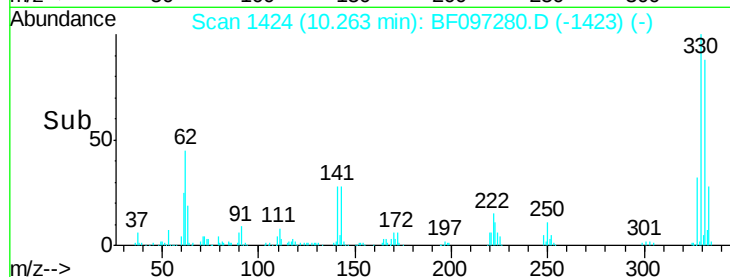
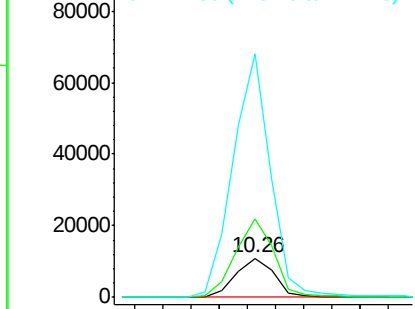
#66
4-Bromophenyl-phenylether
Concen: 2.88 ng
RT: 10.26 min Scan# 1424
Delta R.T. -0.29 min
Lab File: BF097280.D
Acq: 2 Aug 2017 18:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 10314
Ion Ratio Lower Upper
248 100
250 200.5 76.8 115.2#
141 626.1 68.6 103.0#

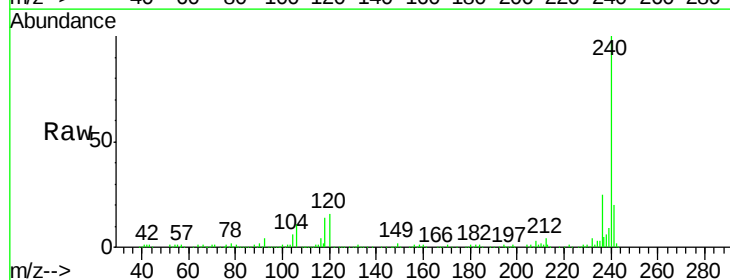


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

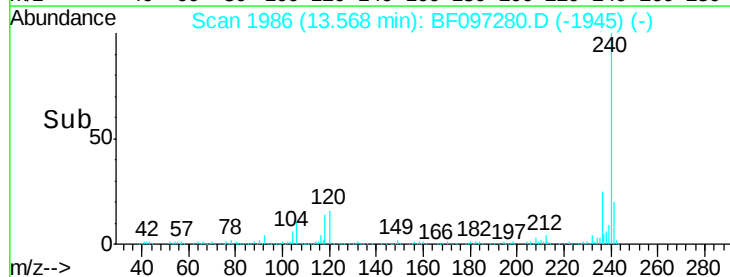
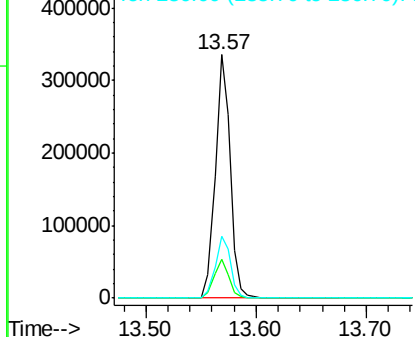


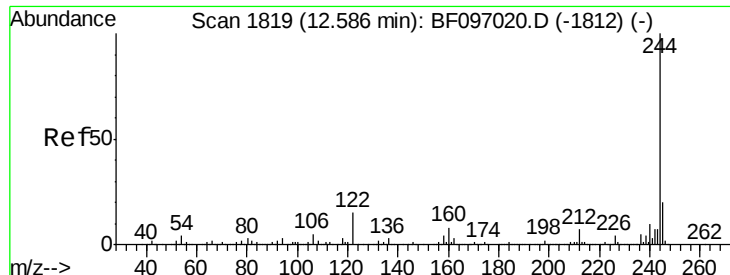
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.57 min Scan# 1986
Delta R.T. -0.06 min
Lab File: BF097280.D
Acq: 2 Aug 2017 18:25

Tgt Ion:240 Resp: 311722
Ion Ratio Lower Upper
240 100
120 16.0 5.8 8.8#
236 25.2 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

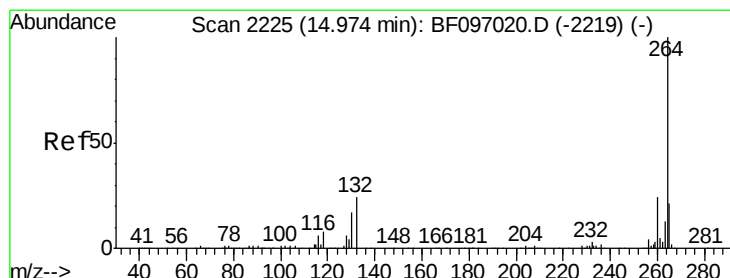
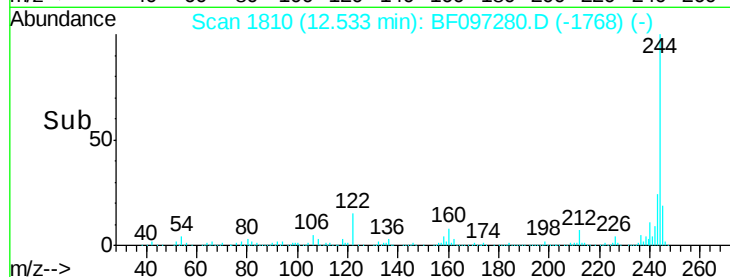
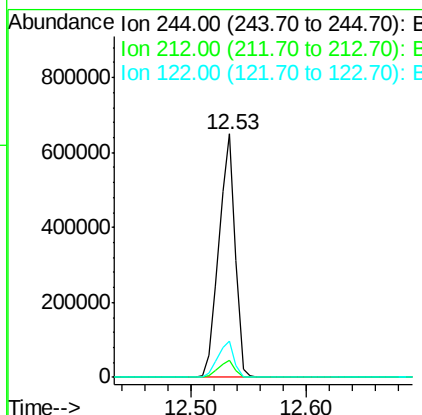
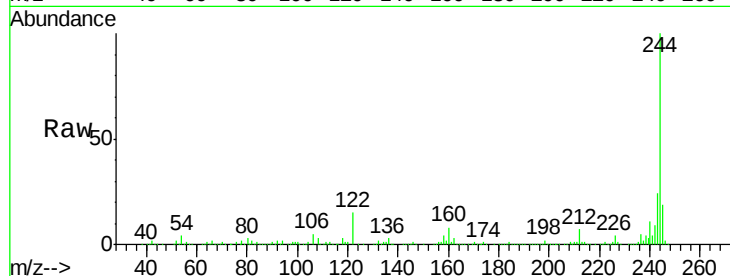




#78
 Terphenyl-d14
 Concen: 41.46 ng
 RT: 12.53 min Scan# 1810
 Delta R.T. -0.05 min
 Lab File: BF097280.D
 Acq: 2 Aug 2017 18:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 633902
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 14.8 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.91 min Scan# 2214
 Delta R.T. -0.06 min
 Lab File: BF097280.D
 Acq: 2 Aug 2017 18:25

Tgt Ion:264 Resp: 196403
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.5 29.3
 265 21.6 17.2 25.8

