

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
 Data File : BF097078.D
 Acq On : 26 Jul 2017 16:37
 Operator : SJ/JU
 Sample : I4443-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 26 17:50:48 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

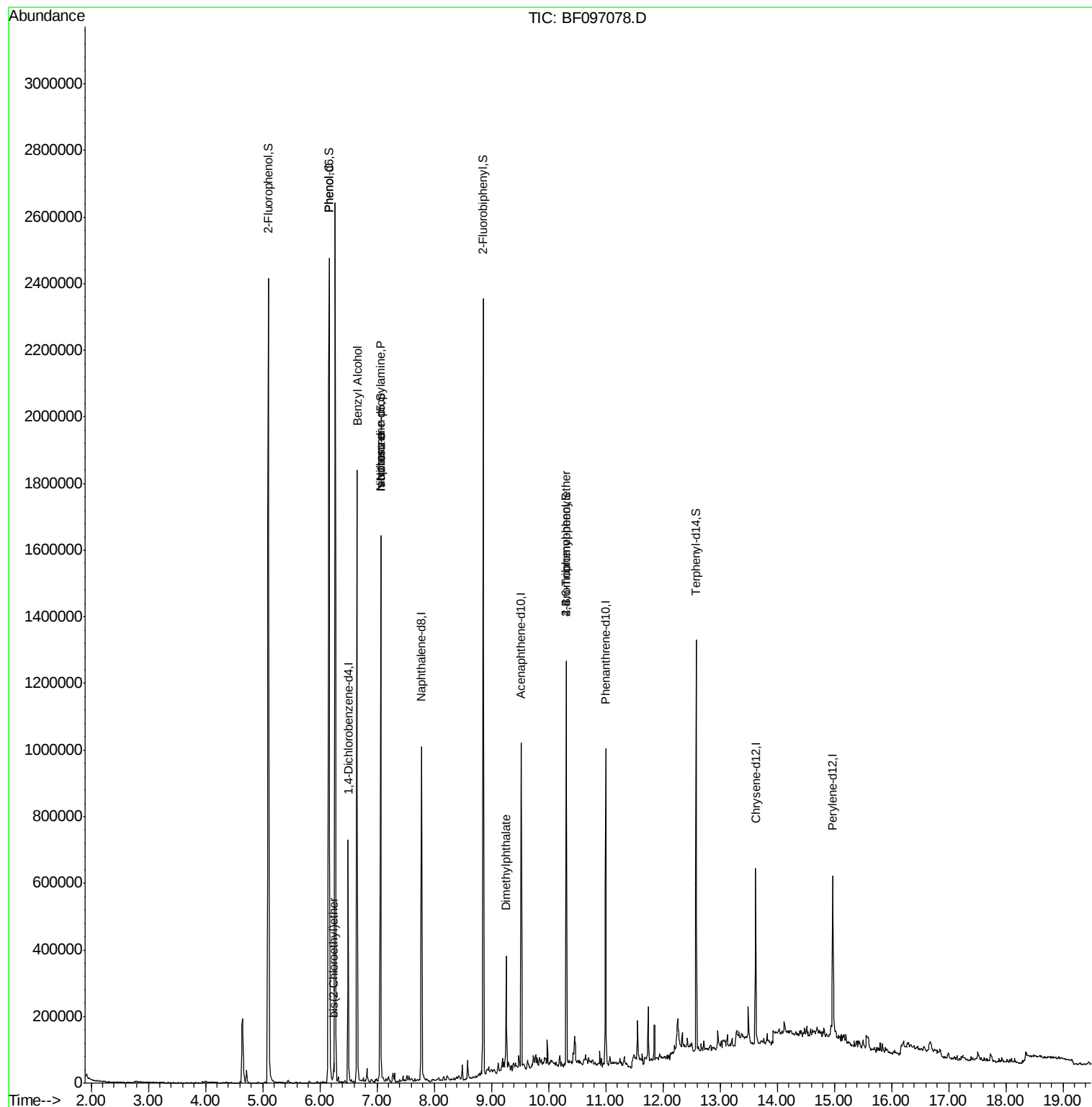
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	100791	20.00	ng	0.00
21) Naphthalene-d8	7.77	136	469212	20.00	ng	-0.01
38) Acenaphthene-d10	9.52	164	202771	20.00	ng	-0.01
63) Phenanthrene-d10	11.00	188	307523	20.00	ng	0.00
75) Chrysene-d12	13.62	240	180306	20.00	ng	0.00
86) Perylene-d12	14.97	264	179949	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	693268	103.69	ng	0.00
7) Phenol-d6	6.16	99	859524	112.61	ng	0.00
23) Nitrobenzene-d5	7.06	82	493509	61.70	ng	-0.01
41) 2,4,6-Tribromophenol	10.31	330	125528	78.35	ng	-0.01
44) 2-Fluorobiphenyl	8.86	172	701410	58.70	ng	-0.01
78) Terphenyl-d14	12.59	244	382123	43.21	ng	0.00
Target Compounds						
10) Phenol	6.17	94	47897	5.290	ng	90
11) bis(2-Chloroethyl)ether	6.24	93	19499	2.723	ng	91
15) Benzyl Alcohol	6.65	79	10104	2.091	ng	# 38
19) n-Nitroso-di-n-propylamine	7.06	70	65375	13.012	ng	# 86
25) Isophorone	7.06	82	489803	31.270	ng	# 67
49) Dimethylphthalate	9.26	163	126195	8.195	ng	97
66) 4-Bromophenyl-phenylether	10.31	248	7657	2.495	ng	# 1

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
Data File : BF097078.D
Acq On : 26 Jul 2017 16:37
Operator : SJ/JU
Sample : I4443-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 26 17:50:48 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



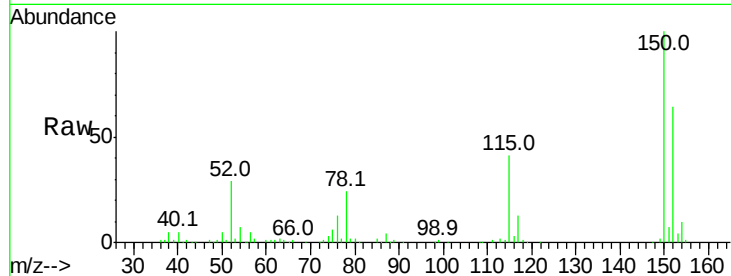


#1

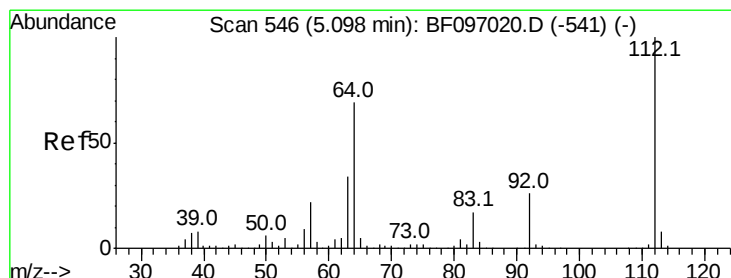
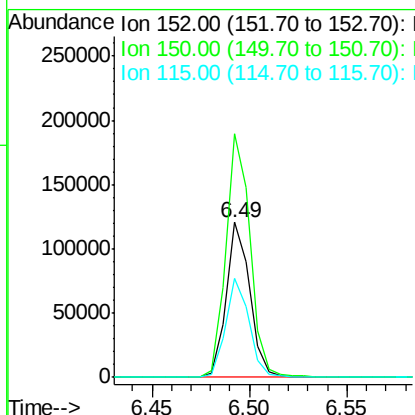
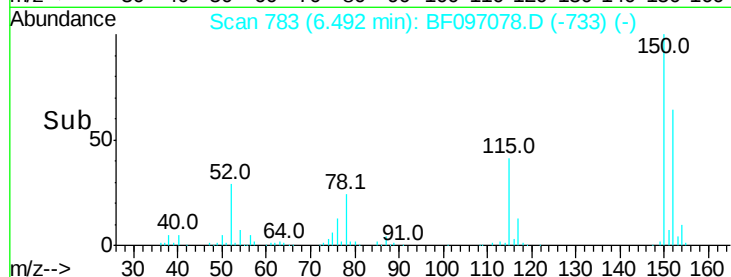
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.49 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF097078.D
 Acq: 26 Jul 2017 16:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 100791
 Ion Ratio Lower Upper
 152 100
 150 157.1 126.2 189.2
 115 64.0 52.2 78.2



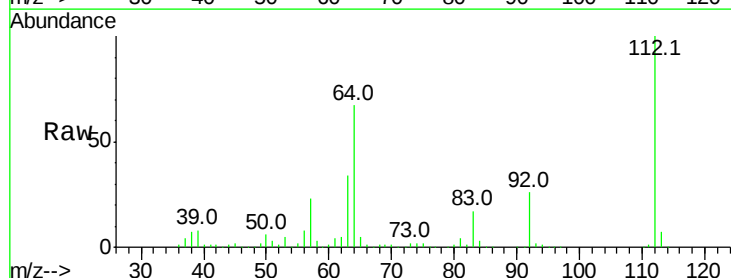
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



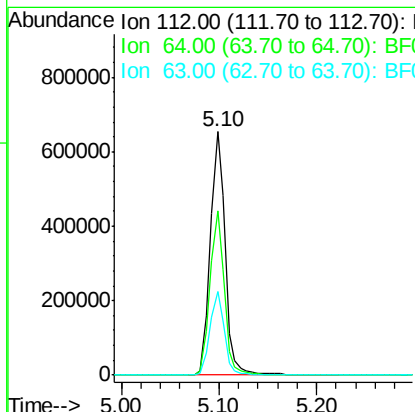
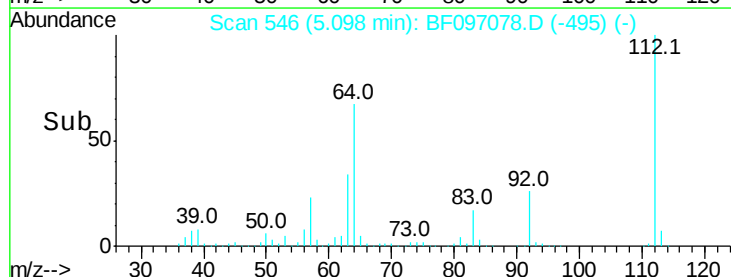
#5

2-Fluorophenol
 Concen: 103.689 ng
 RT: 5.10 min Scan# 546
 Delta R.T. 0.00 min
 Lab File: BF097078.D
 Acq: 26 Jul 2017 16:37

Tgt Ion:112 Resp: 693268
 Ion Ratio Lower Upper
 112 100
 64 67.3 46.0 69.0
 63 34.5 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: 112.608 ng

RT: 6.16 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF097078.D

Acq: 26 Jul 2017 16:37

Instrument :

BNA_F

ClientSampled :

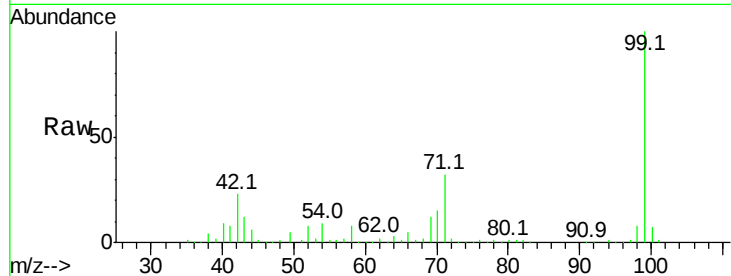
Tot Ion: 99 Resp: 859524

Ion Ratio Lower Upper

99 100

42 23.4 13.5 20.3#

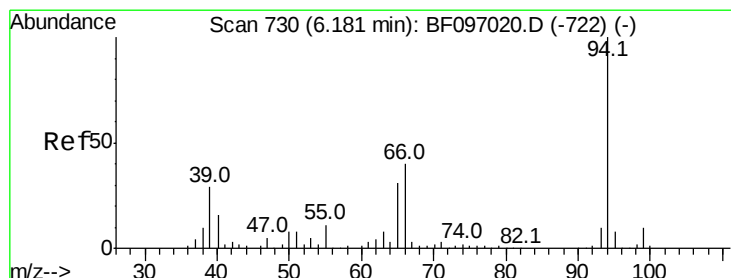
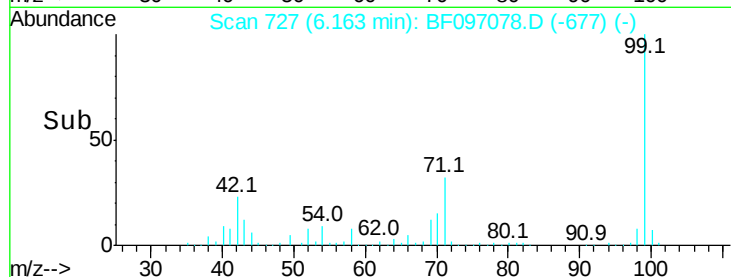
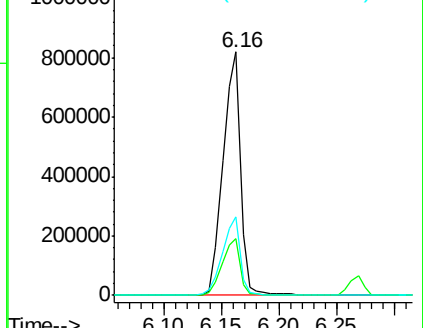
71 32.3 24.5 36.7



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: 5.290 ng

RT: 6.17 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF097078.D

Acq: 26 Jul 2017 16:37

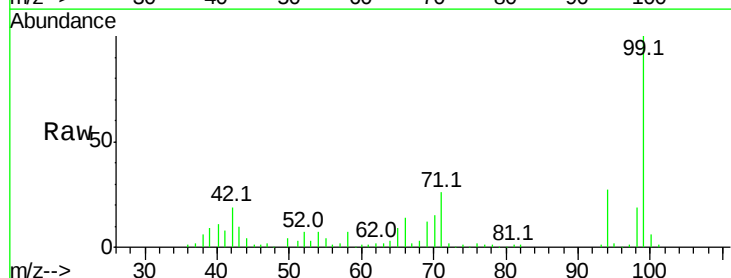
Tgt Ion: 94 Resp: 47897

Ion Ratio Lower Upper

94 100

65 33.3 9.9 49.9

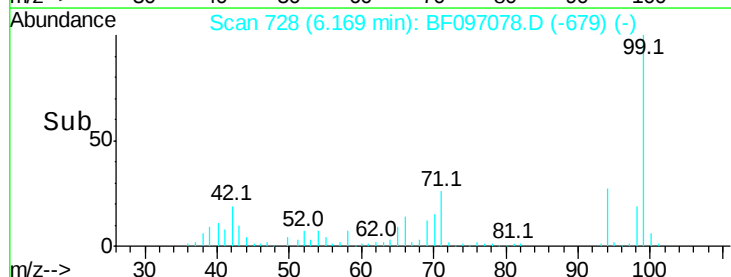
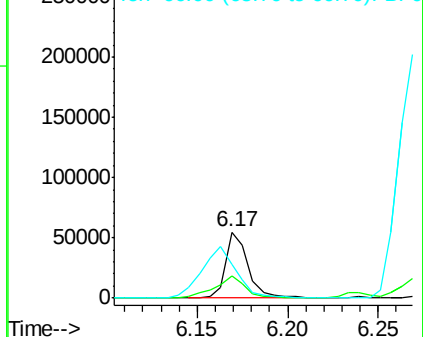
66 50.6 23.1 63.1

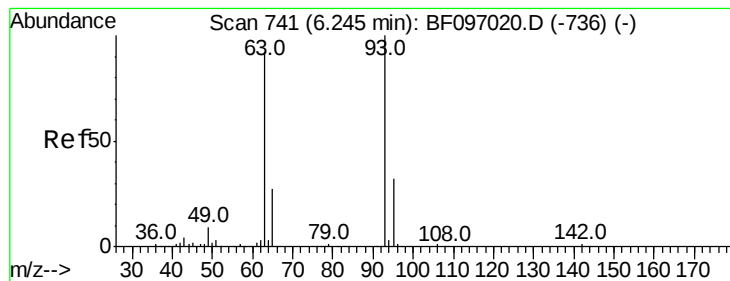


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 2.723 ng

RT: 6.24 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF097078.D

Acq: 26 Jul 2017 16:37

Instrument :

BNA_F

ClientSampleId :

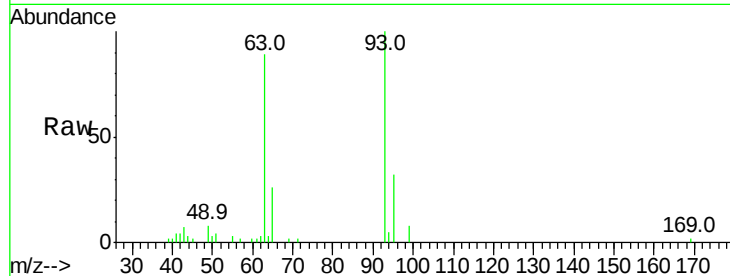
Tot Ion: 93 Resp: 19499

Ion Ratio Lower Upper

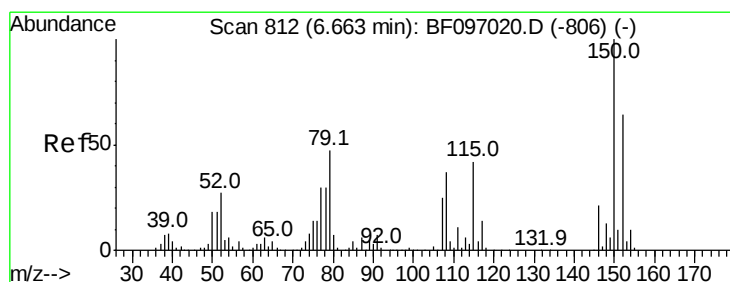
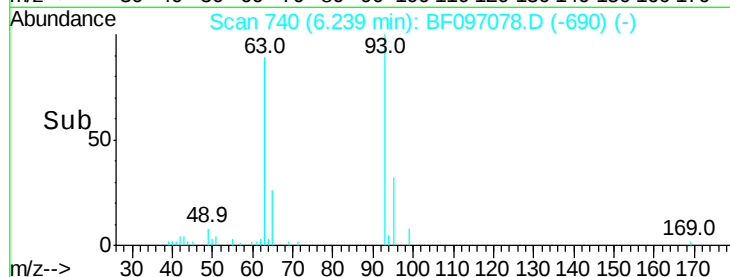
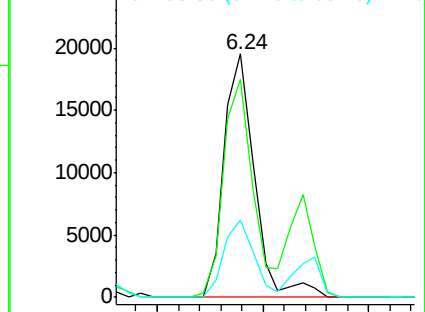
93 100

63 89.4 59.2 99.2

95 31.8 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0



#15

Benzyl Alcohol

Concen: 2.091 ng

RT: 6.65 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF097078.D

Acq: 26 Jul 2017 16:37

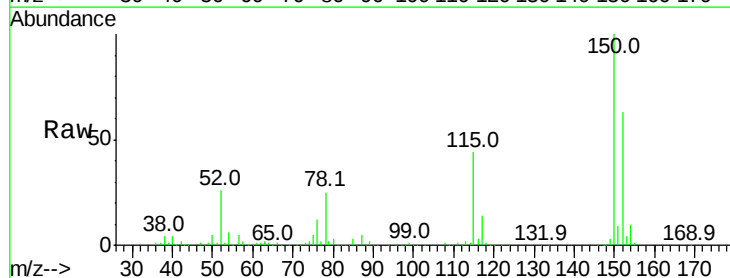
Tgt Ion: 79 Resp: 10104

Ion Ratio Lower Upper

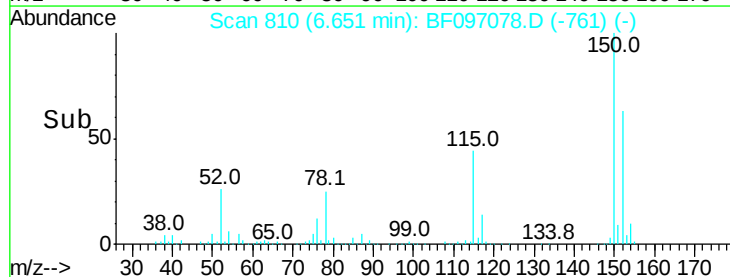
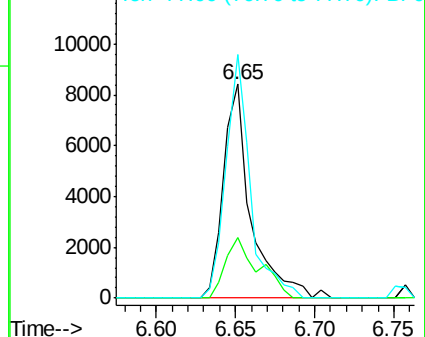
79 100

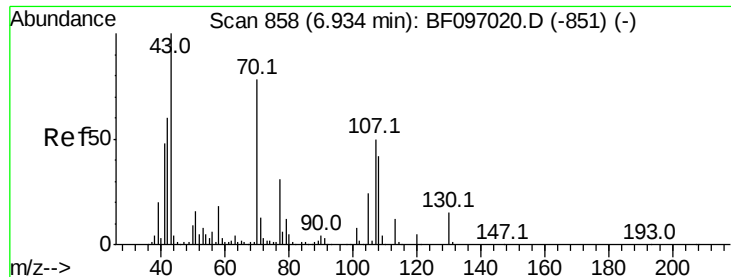
108 28.2 63.4 95.0#

77 113.7 49.2 73.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

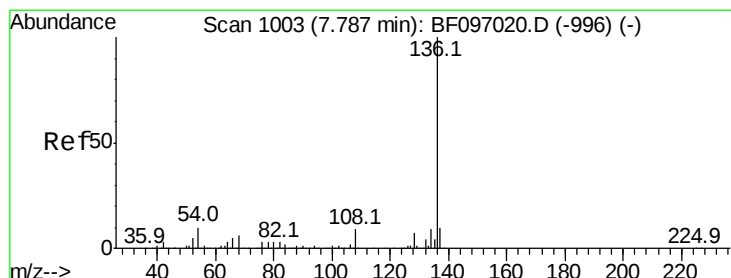
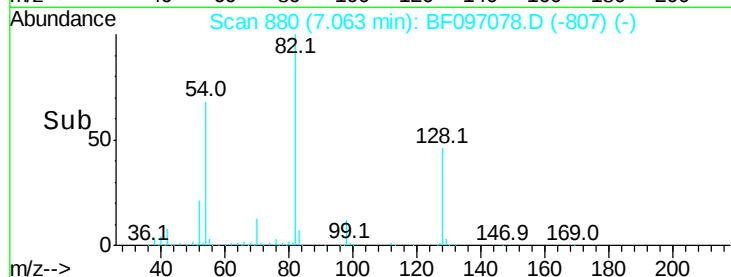
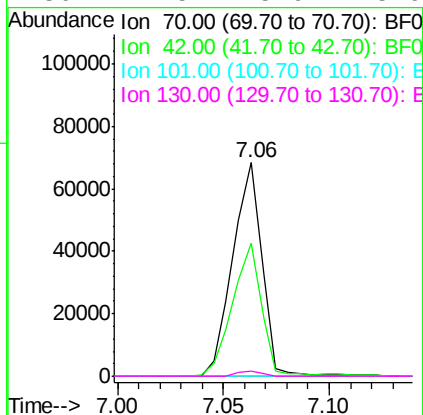
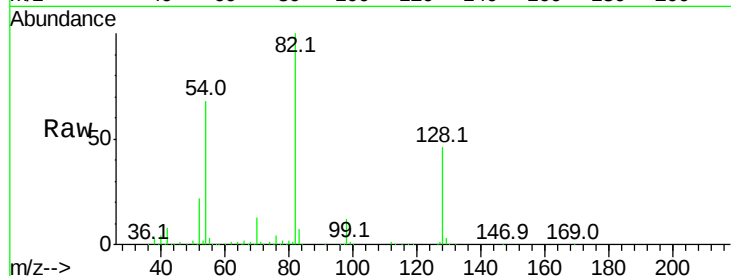




#19
n-Nitroso-di-n-propylamine
Concen: 13.012 ng
RT: 7.06 min Scan# 880
Delta R.T. 0.13 min
Lab File: BF097078.D
Acq: 26 Jul 2017 16:37

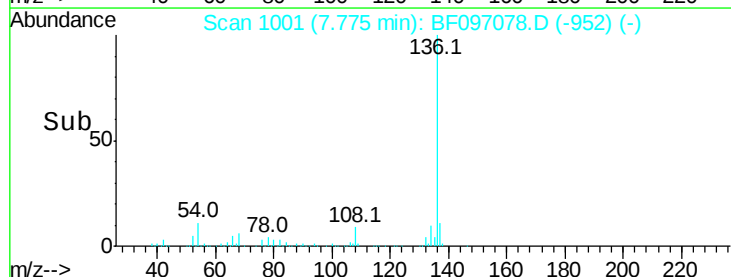
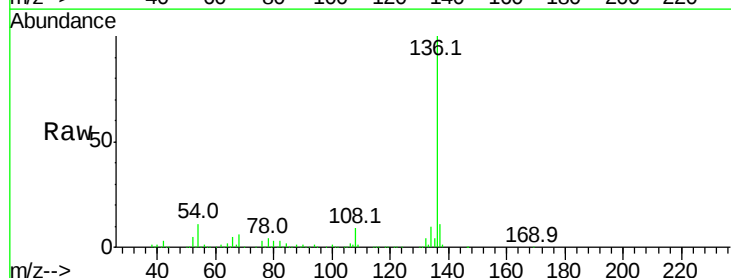
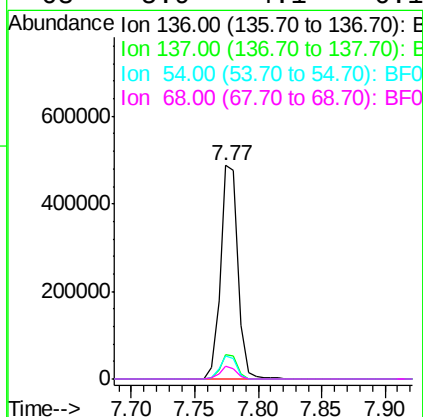
Instrument :
BNA_F
ClientSampleId :

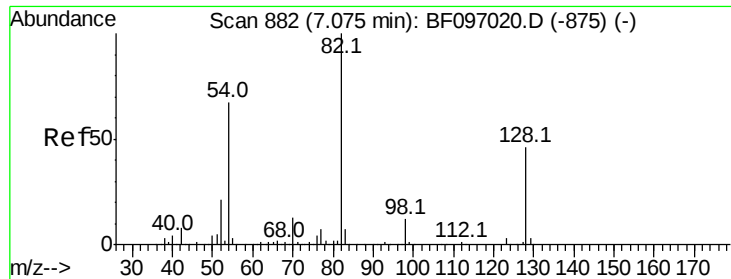
Tot Ion: 70 Resp: 65375
Ion Ratio Lower Upper
70 100
42 62.5 47.2 70.8
101 0.0 7.2 10.8#
130 2.5 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.77 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF097078.D
Acq: 26 Jul 2017 16:37

Tgt Ion: 136 Resp: 469212
Ion Ratio Lower Upper
136 100
137 11.4 8.5 12.7
54 11.1 4.9 7.3#
68 5.9 4.1 6.1





#23

Nitrobenzene-d5

Concen: 61.702 ng

RT: 7.06 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF097078.D

Acq: 26 Jul 2017 16:37

Instrument :

BNA_F

ClientSampleId :

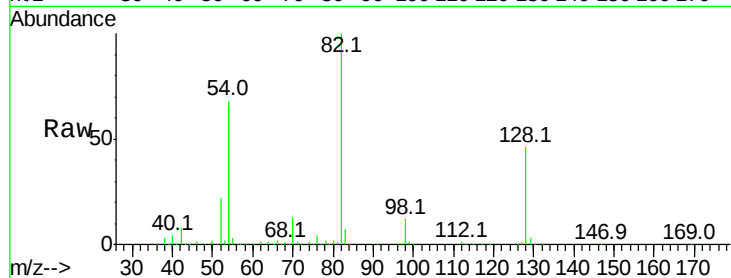
Tot Ion: 82 Resp: 493509

Ion Ratio Lower Upper

82 100

128 46.4 34.0 51.0

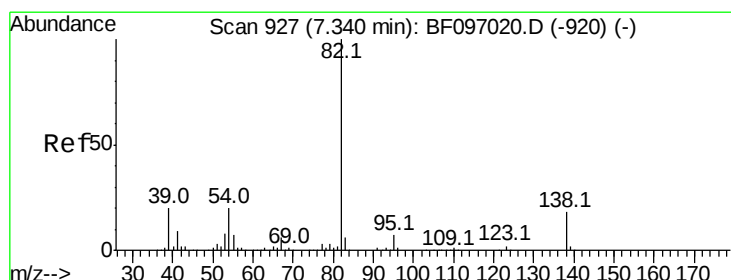
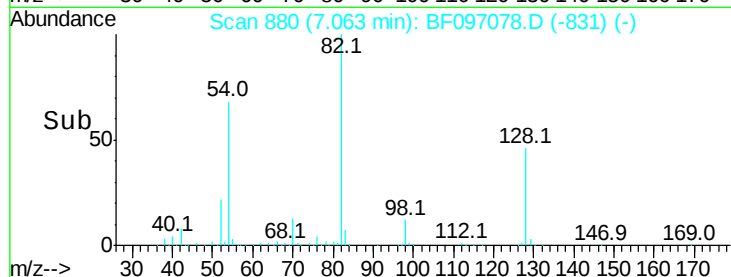
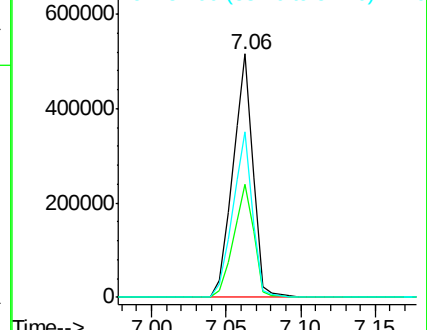
54 67.9 42.2 63.2#



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: 31.270 ng

RT: 7.06 min Scan# 880

Delta R.T. -0.28 min

Lab File: BF097078.D

Acq: 26 Jul 2017 16:37

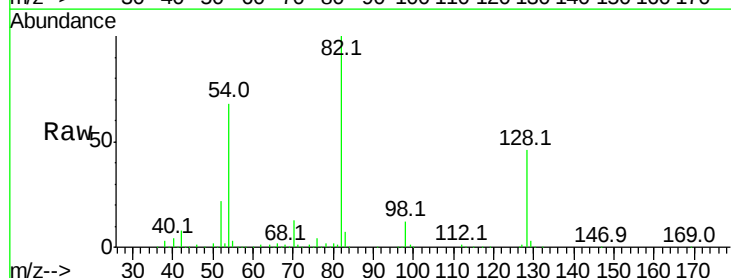
Tgt Ion: 82 Resp: 489803

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

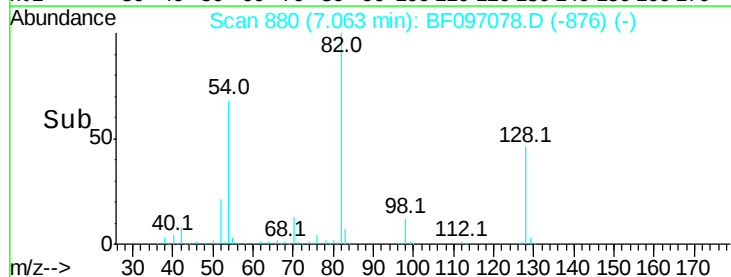
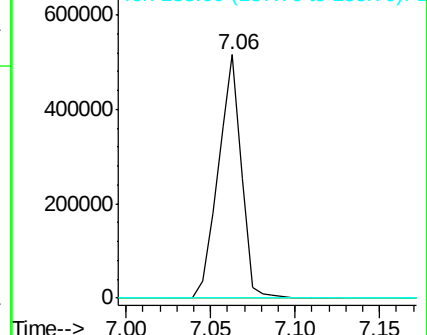
138 0.0 13.1 19.7#

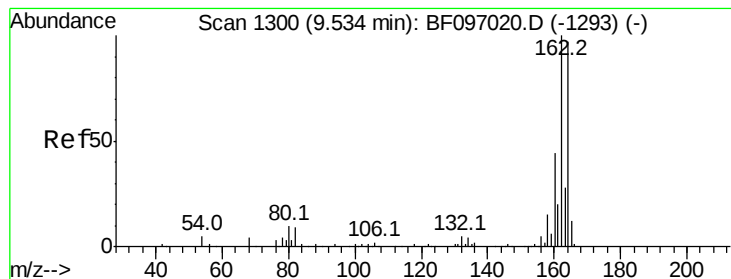


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.52 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF097078.D

Acq: 26 Jul 2017 16:37

Instrument :

BNA_F

ClientSampleId :

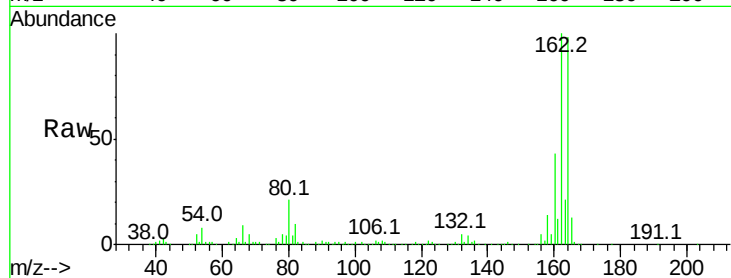
Tot Ion:164 Resp: 202771

Ion Ratio Lower Upper

164 100

162 102.3 82.6 123.8

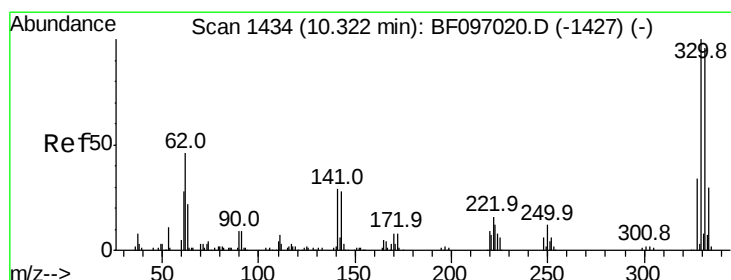
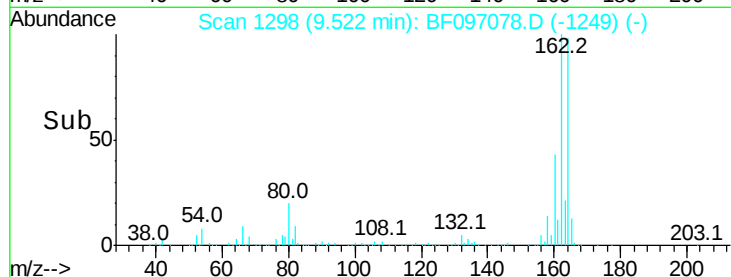
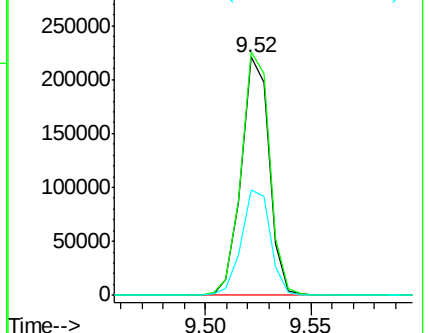
160 44.2 36.2 54.2



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: 78.353 ng

RT: 10.31 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF097078.D

Acq: 26 Jul 2017 16:37

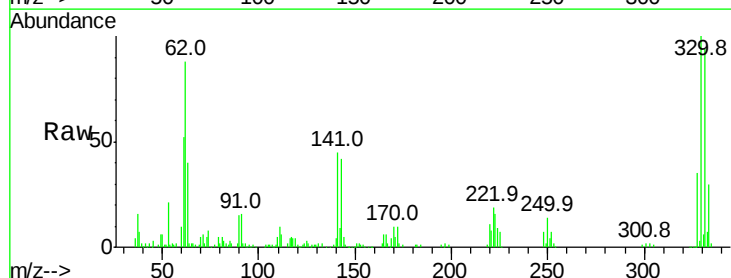
Tgt Ion:330 Resp: 125528

Ion Ratio Lower Upper

330 100

332 95.6 76.6 115.0

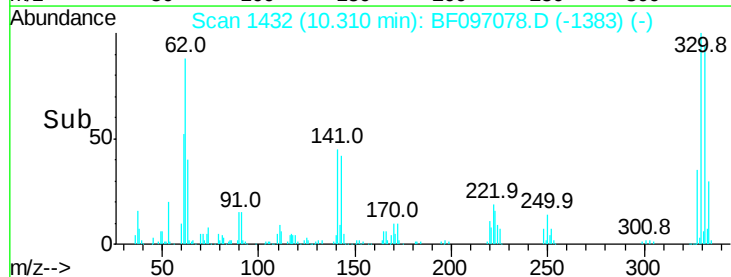
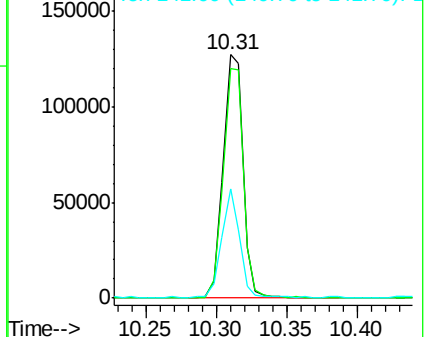
141 39.6 31.4 47.2

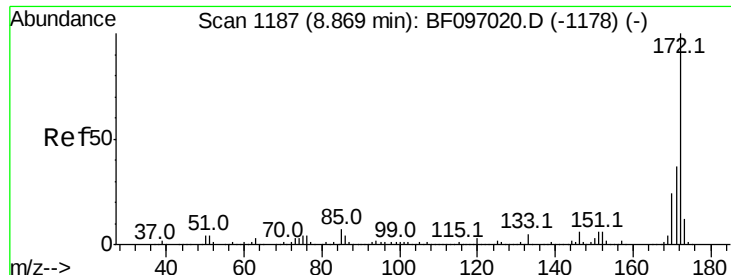


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

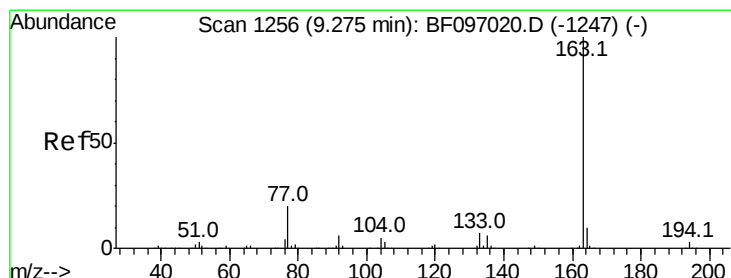
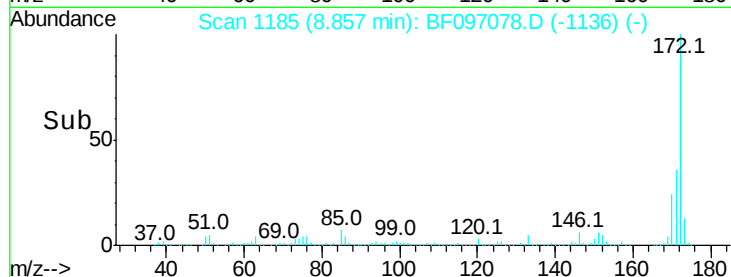
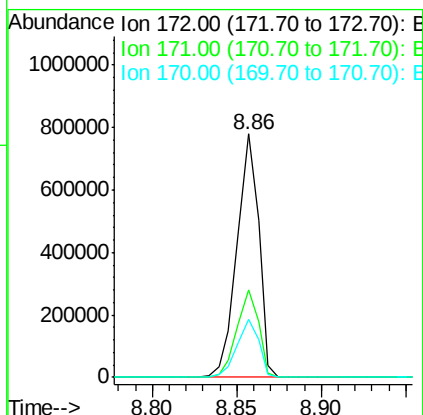
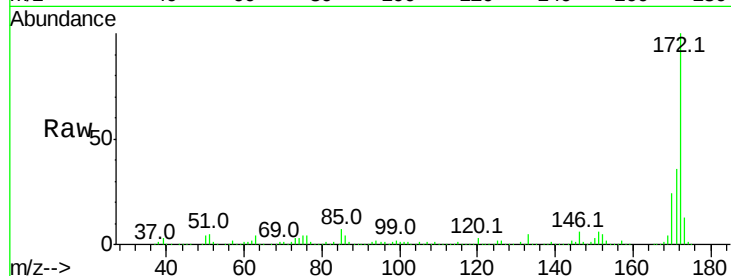




#44
2-Fluorobiphenyl
Concen: 58.705 ng
RT: 8.86 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF097078.D
Acq: 26 Jul 2017 16:37

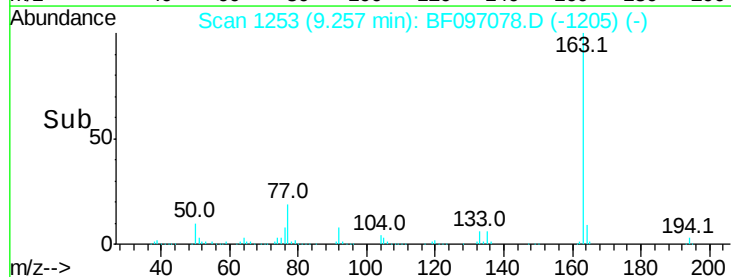
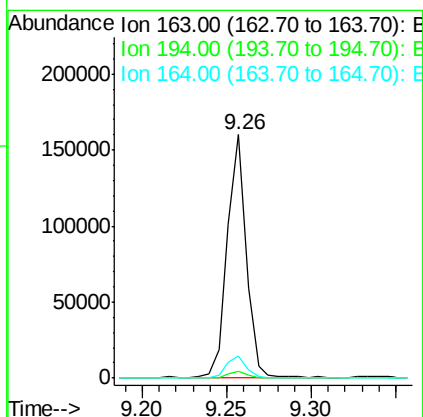
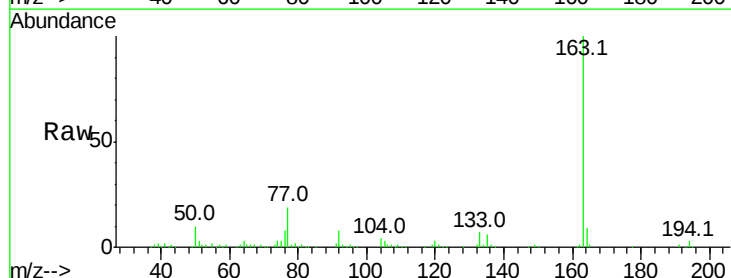
Instrument :
BNA_F
ClientSampleId :

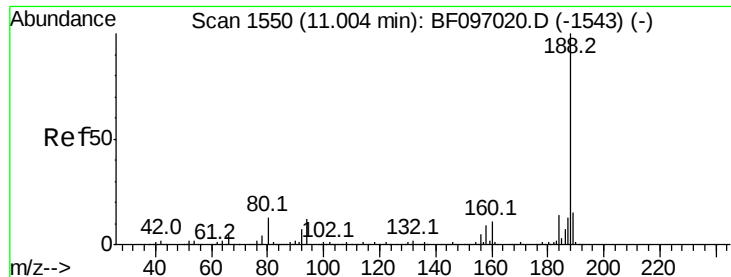
Tot Ion:172 Resp: 701410
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 23.9 19.8 29.8



#49
Dimethylphthalate
Concen: 8.195 ng
RT: 9.26 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF097078.D
Acq: 26 Jul 2017 16:37

Tgt Ion:163 Resp: 126195
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 9.2 8.4 12.6

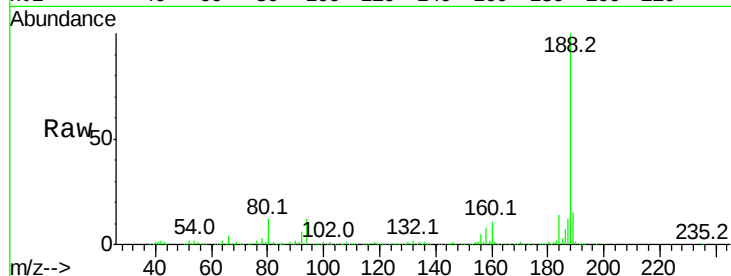




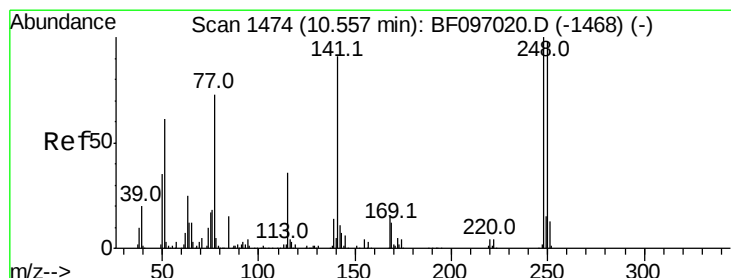
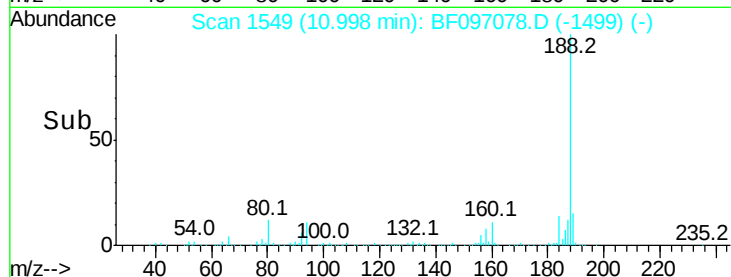
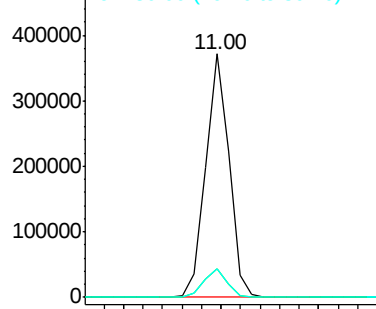
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.00 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF097078.D
Acq: 26 Jul 2017 16:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 307523
Ion Ratio Lower Upper
188 100
94 11.6 9.4 14.2
80 11.9 10.2 15.2

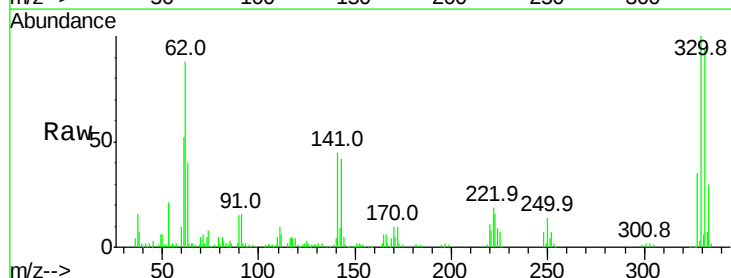


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

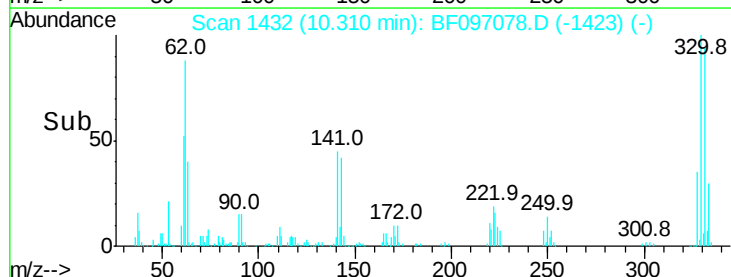
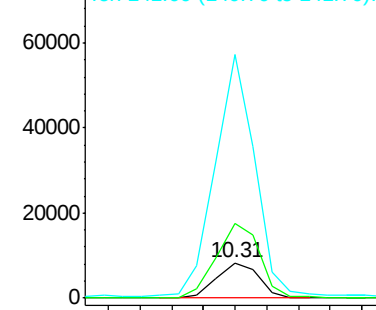


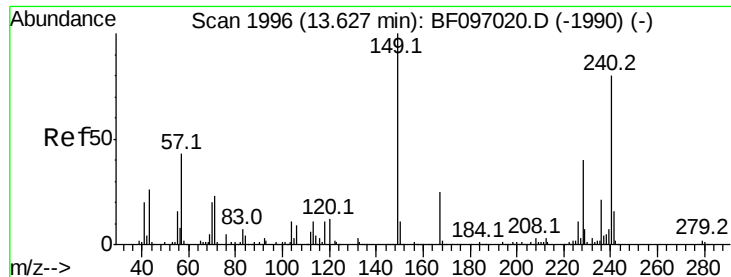
#66
4-Bromophenyl-phenylether
Concen: 2.495 ng
RT: 10.31 min Scan# 1432
Delta R.T. -0.25 min
Lab File: BF097078.D
Acq: 26 Jul 2017 16:37

Tgt Ion:248 Resp: 7657
Ion Ratio Lower Upper
248 100
250 212.7 76.8 115.2#
141 688.2 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: 20.000 ng

RT: 13.62 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF097078.D

Acq: 26 Jul 2017 16:37

Instrument :

BNA_F

ClientSampleId :

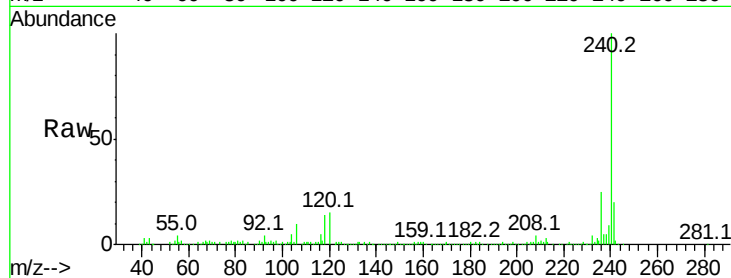
Tot Ion:240 Resp: 180306

Ion Ratio Lower Upper

240 100

120 15.2 5.8 8.8#

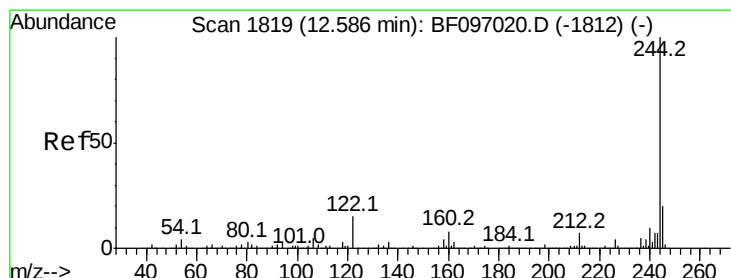
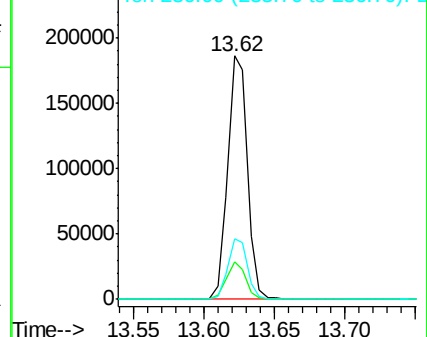
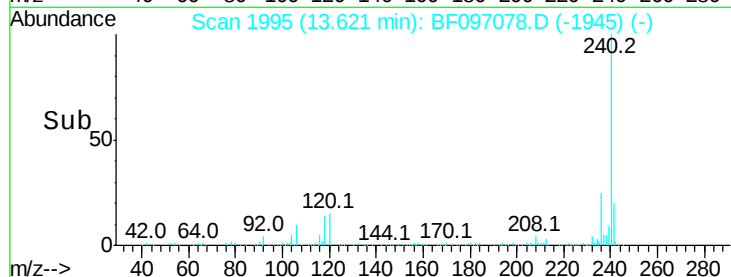
236 25.1 20.5 30.7



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: 43.209 ng

RT: 12.59 min Scan# 1819

Delta R.T. -0.00 min

Lab File: BF097078.D

Acq: 26 Jul 2017 16:37

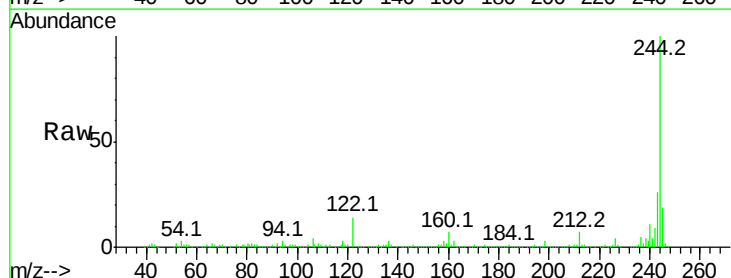
Tgt Ion:244 Resp: 382123

Ion Ratio Lower Upper

244 100

212 6.5 6.0 9.0

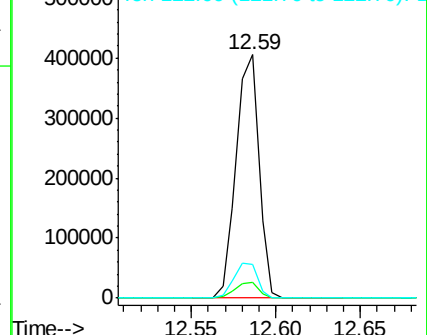
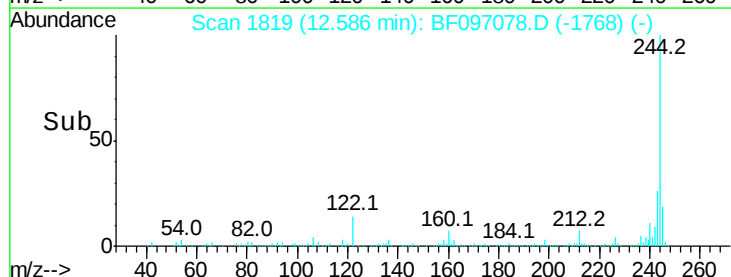
122 13.9 10.3 15.5

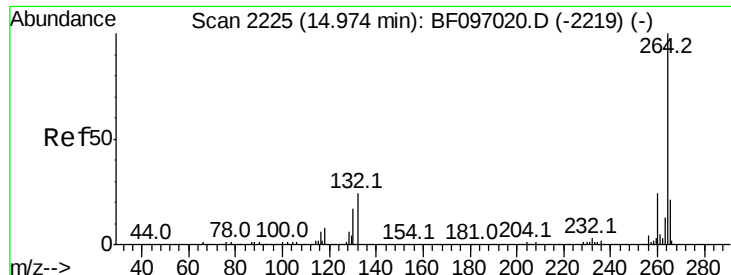


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

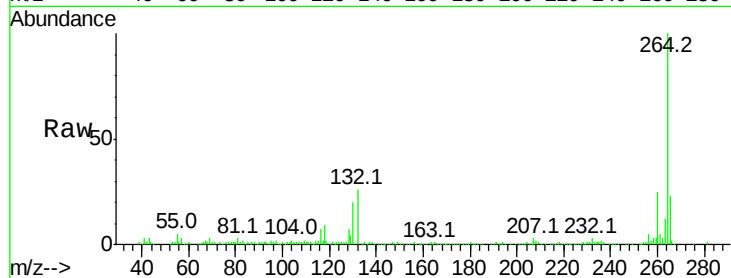




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 14.97 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: BF097078.D
 Acq: 26 Jul 2017 16:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	22.6	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

