

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
 Data File : BF097308.D
 Acq On : 3 Aug 2017 9:12
 Operator : SJ/JU
 Sample : I4537-07
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 03 12:00:14 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

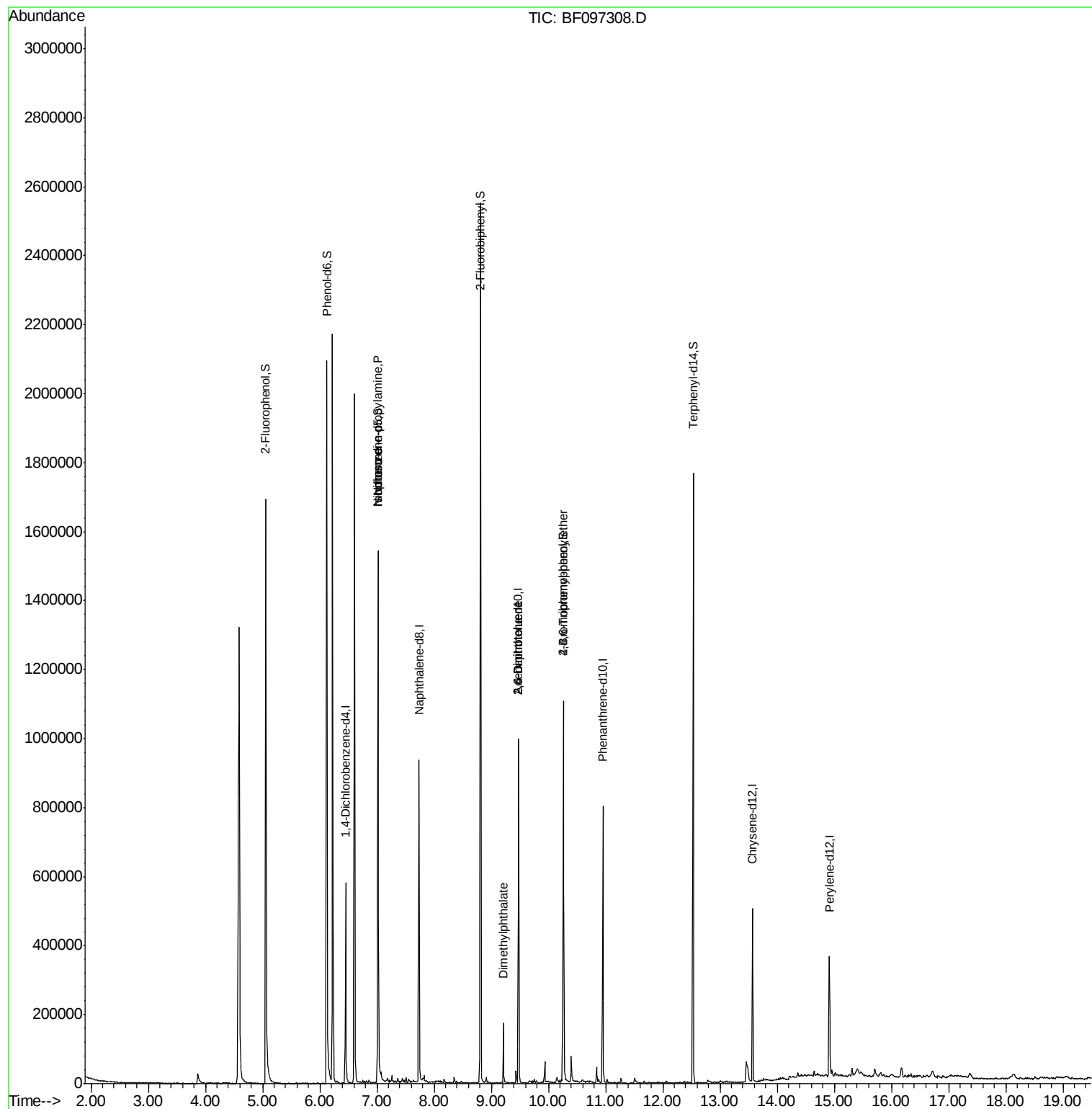
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.45	152	92089	20.00	ng	-0.05
21) Naphthalene-d8	7.73	136	414232	20.00	ng	-0.05
38) Acenaphthene-d10	9.47	164	187689	20.00	ng	-0.06
63) Phenanthrene-d10	10.95	188	299644	20.00	ng	-0.05
75) Chrysene-d12	13.57	240	164047	20.00	ng	-0.06
86) Perylene-d12	14.92	264	145718	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	541256	88.60	ng	-0.05
7) Phenol-d6	6.12	99	771508	110.63	ng	-0.05
23) Nitrobenzene-d5	7.02	82	471203	66.73	ng	-0.05
41) 2,4,6-Tribromophenol	10.26	330	120406	81.19	ng	-0.06
44) 2-Fluorobiphenyl	8.81	172	832878	75.31	ng	-0.06
78) Terphenyl-d14	12.53	244	522773	64.97	ng	-0.05
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.02	70	61475	13.392	ng	# 88
25) Isophorone	7.02	82	456948	33.044	ng	# 67
49) Dimethylphthalate	9.21	163	65649	4.606	ng	# 99
50) 2,6-Dinitrotoluene	9.47	165	23163	7.662	ng	# 32
56) 2,4-Dinitrotoluene	9.47	165	23163	6.665	ng	# 32
66) 4-Bromophenyl-phenylether	10.26	248	7428	2.484	ng	# 1

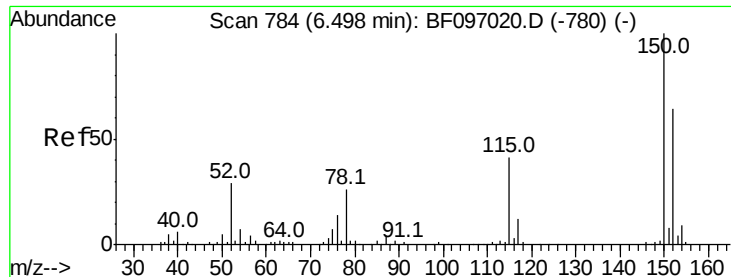
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
Data File : BF097308.D
Acq On : 3 Aug 2017 9:12
Operator : SJ/JU
Sample : I4537-07
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 03 12:00:14 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



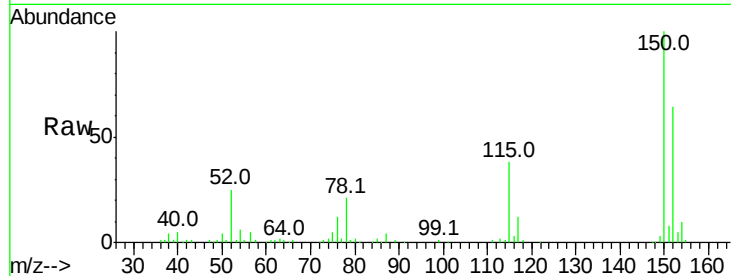


#1

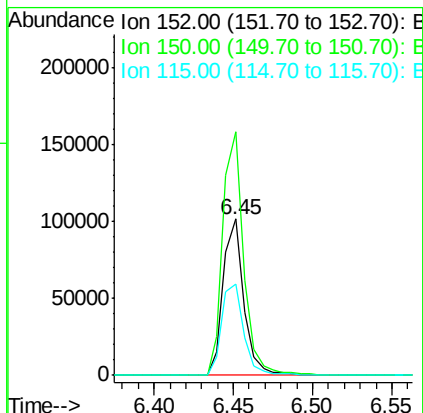
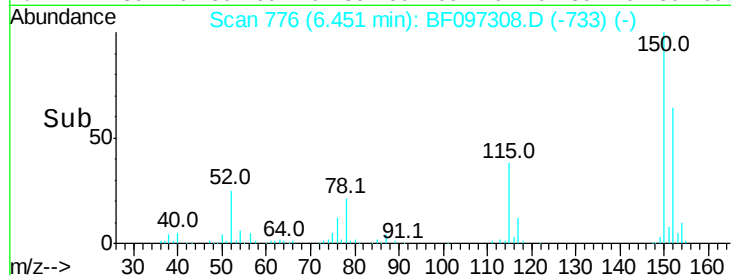
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.45 min Scan# 776
Delta R.T. -0.05 min
Lab File: BF097308.D
Acq: 3 Aug 2017 9:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 92089
Ion Ratio Lower Upper
152 100
150 156.0 126.2 189.2
115 58.7 52.2 78.2



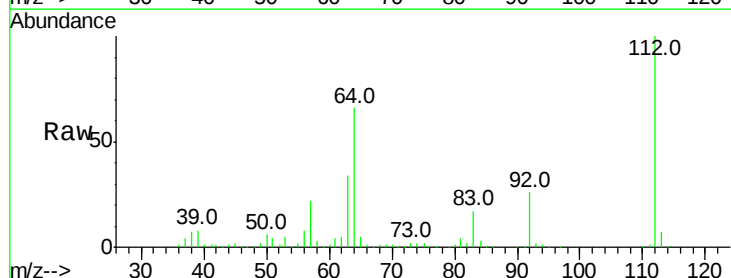
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



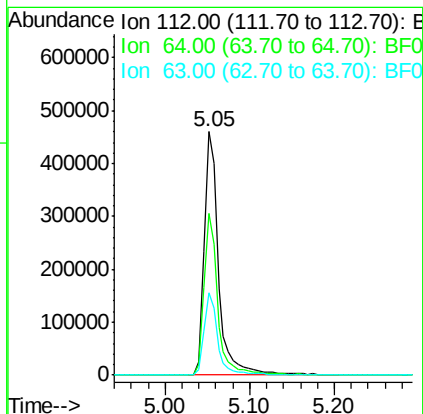
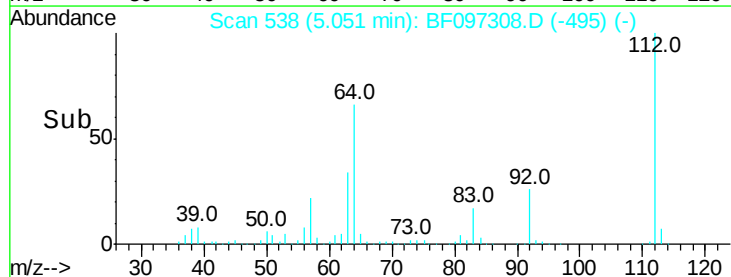
#5

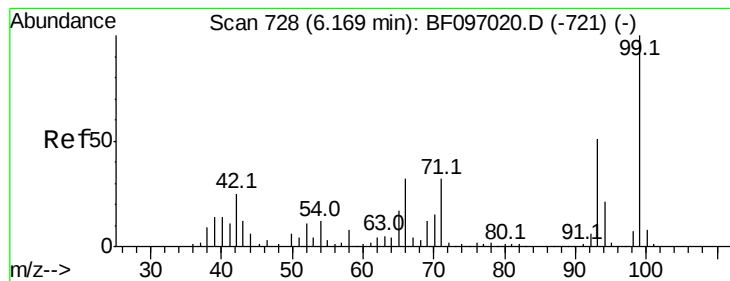
2-Fluorophenol
Concen: 88.603 ng
RT: 5.05 min Scan# 538
Delta R.T. -0.05 min
Lab File: BF097308.D
Acq: 3 Aug 2017 9:12

Tgt Ion:112 Resp: 541256
Ion Ratio Lower Upper
112 100
64 66.3 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: 110.628 ng

RT: 6.12 min Scan# 720

Delta R.T. -0.05 min

Lab File: BF097308.D

Acq: 3 Aug 2017 9:12

Instrument :

BNA_F

ClientSampled :

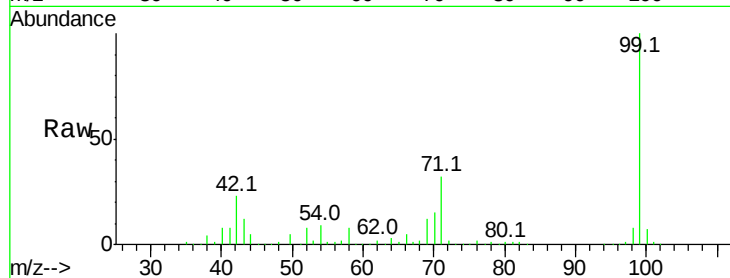
Tot Ion: 99 Resp: 771508

Ion Ratio Lower Upper

99 100

42 23.3 13.5 20.3#

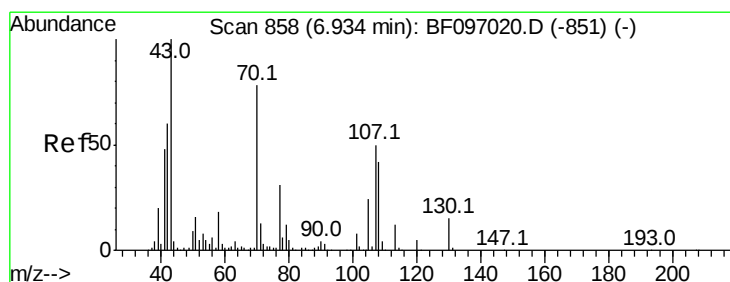
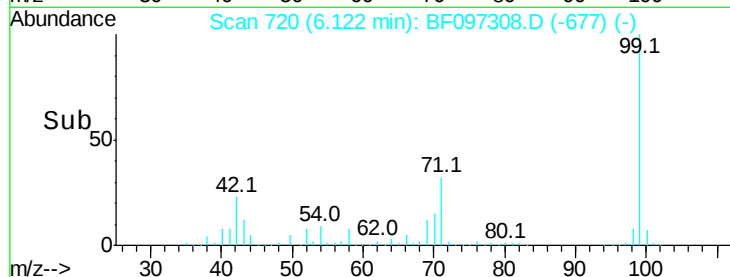
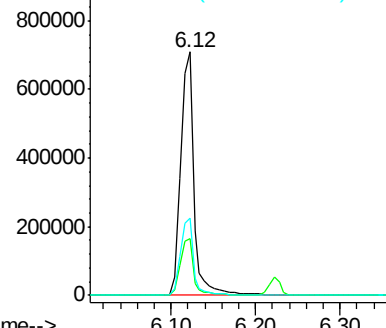
71 31.5 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.392 ng

RT: 7.02 min Scan# 873

Delta R.T. 0.09 min

Lab File: BF097308.D

Acq: 3 Aug 2017 9:12

Tgt Ion: 70 Resp: 61475

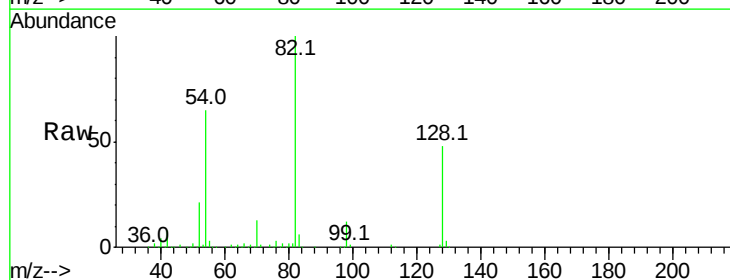
Ion Ratio Lower Upper

70 100

42 59.8 47.2 70.8

101 0.0 7.2 10.8#

130 2.3 15.9 23.9#

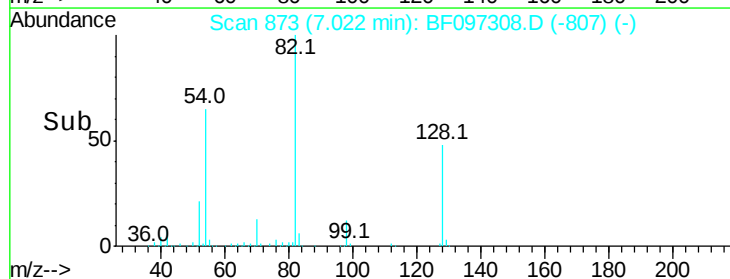
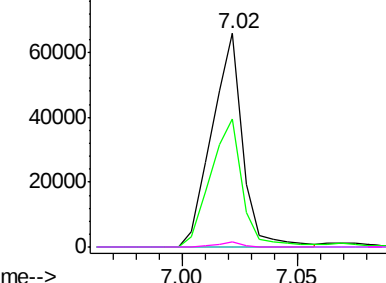


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

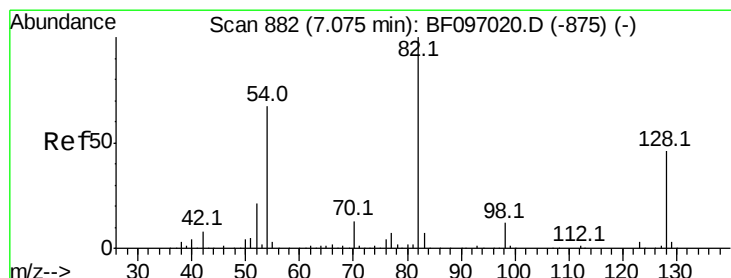
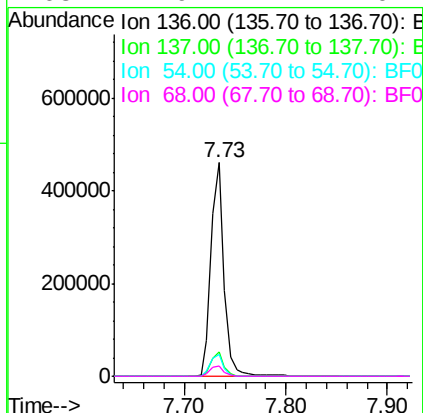
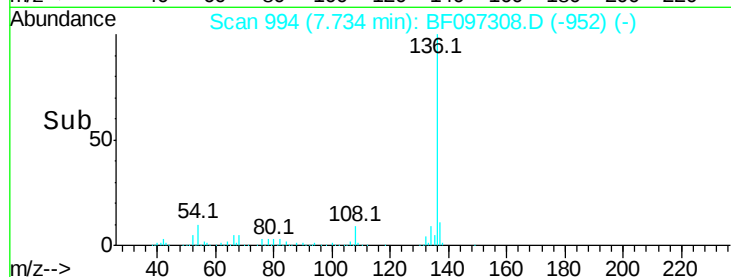
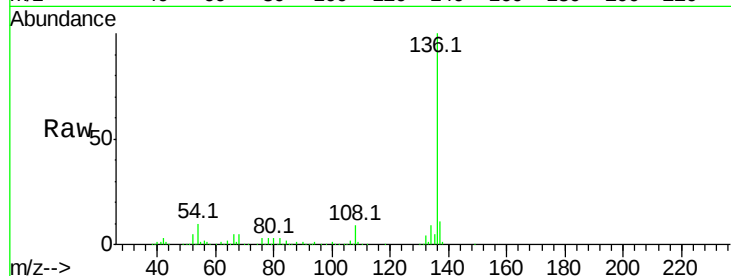




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.73 min Scan# 994
Delta R.T. -0.05 min
Lab File: BF097308.D
Acq: 3 Aug 2017 9:12

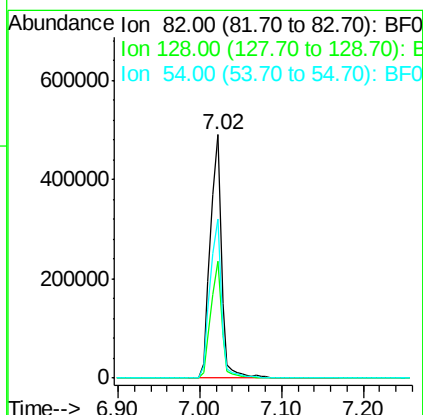
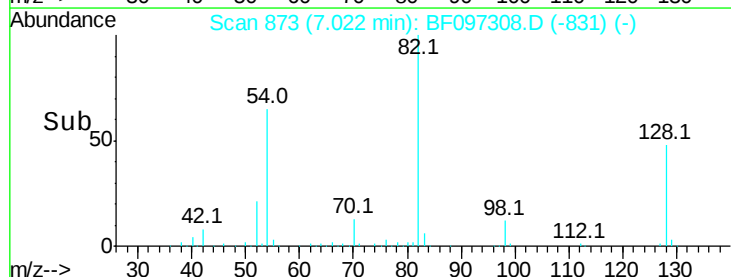
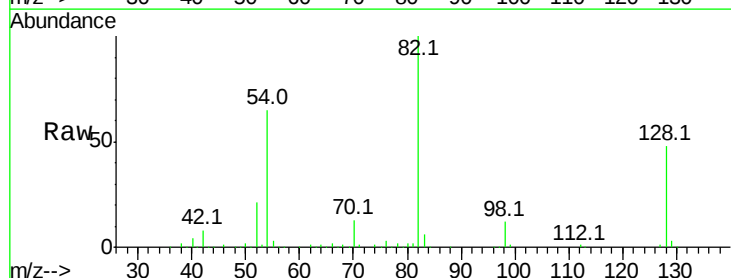
Instrument :
BNA_F
ClientSampleId :

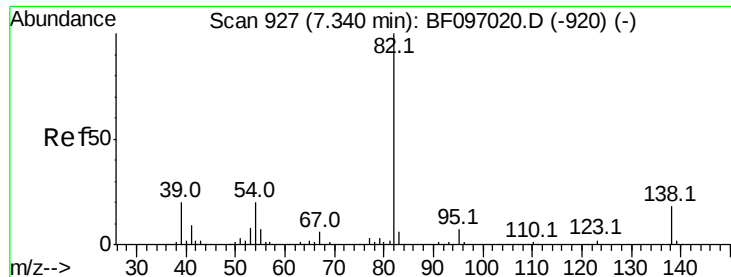
Tot Ion:	136	Resp:	414232
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	10.1	4.9	7.3#
68	4.9	4.1	6.1



#23
Nitrobenzene-d5
Concen: 66.732 ng
RT: 7.02 min Scan# 873
Delta R.T. -0.05 min
Lab File: BF097308.D
Acq: 3 Aug 2017 9:12

Tgt Ion:	82	Resp:	471203
Ion	Ratio	Lower	Upper
82	100		
128	47.8	34.0	51.0
54	65.2	42.2	63.2#





#25

Isophorone

Concen: 33.044 ng

RT: 7.02 min Scan# 873

Delta R.T. -0.32 min

Lab File: BF097308.D

Acq: 3 Aug 2017 9:12

Instrument :

BNA_F

ClientSampleId :

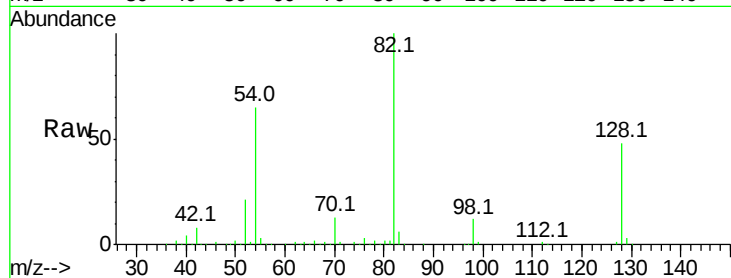
Tot Ion: 82 Resp: 456948

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

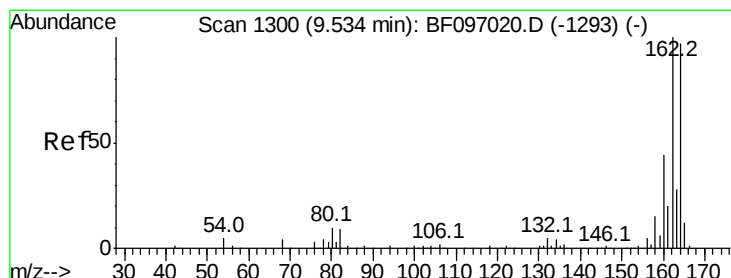
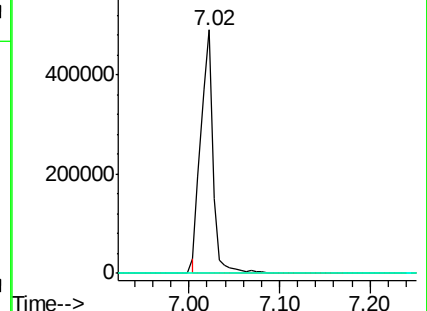
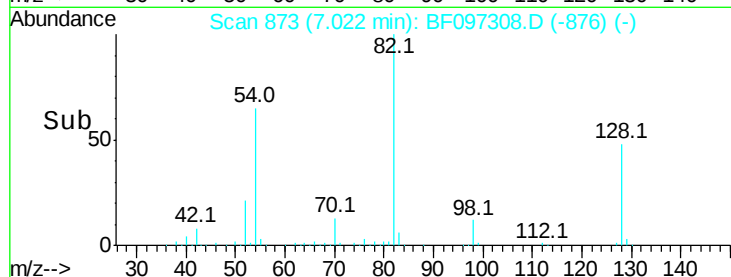
138 0.0 13.1 19.7#



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: 9.47 min Scan# 1290

Delta R.T. -0.06 min

Lab File: BF097308.D

Acq: 3 Aug 2017 9:12

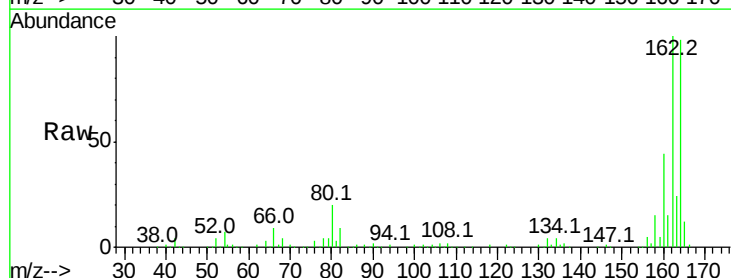
Tgt Ion:164 Resp: 187689

Ion Ratio Lower Upper

164 100

162 102.5 82.6 123.8

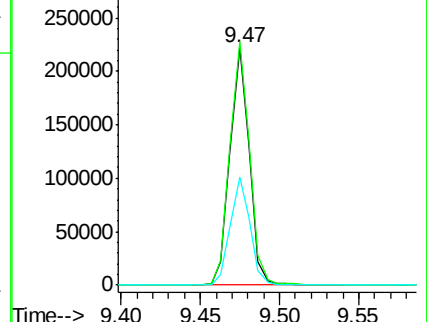
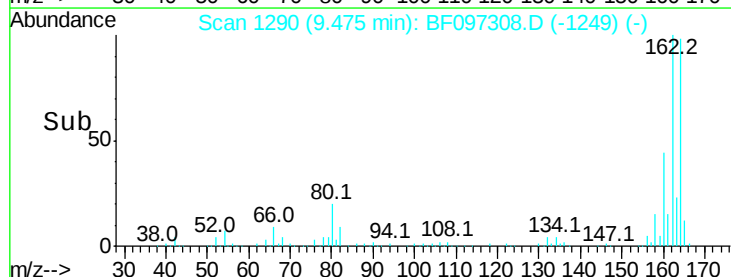
160 45.4 36.2 54.2

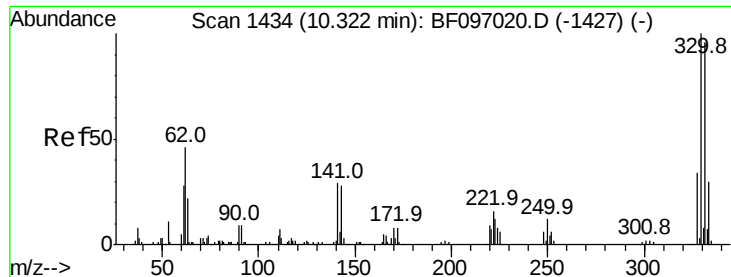


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

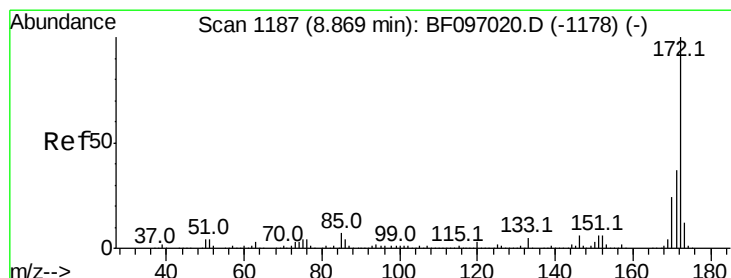
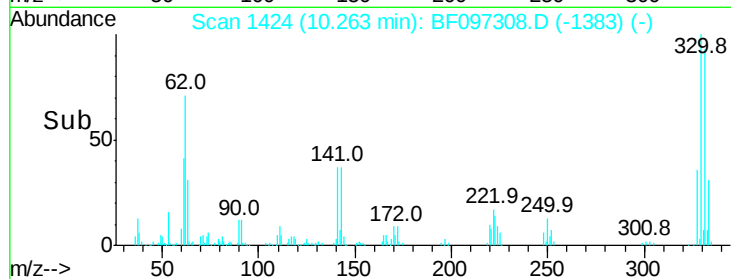
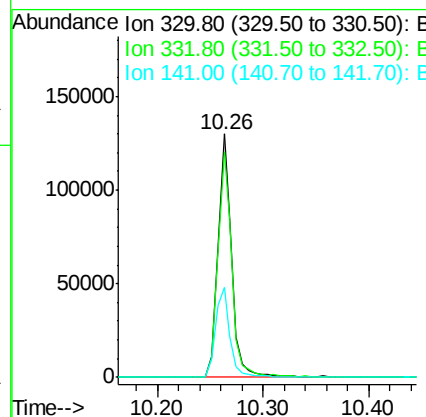
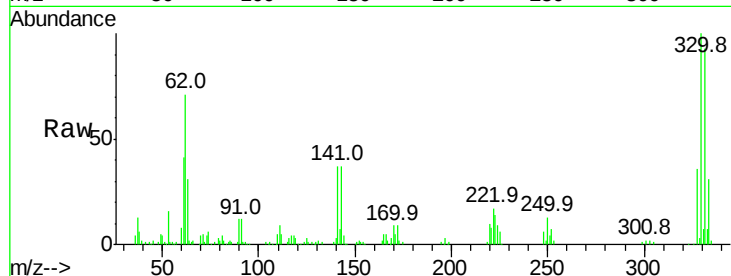




#41
 2,4,6-Tribromophenol
 Concen: 81.195 ng
 RT: 10.26 min Scan# 1424
 Delta R.T. -0.06 min
 Lab File: BF097308.D
 Acq: 3 Aug 2017 9:12

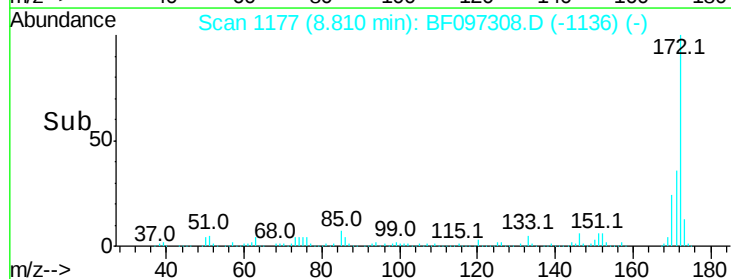
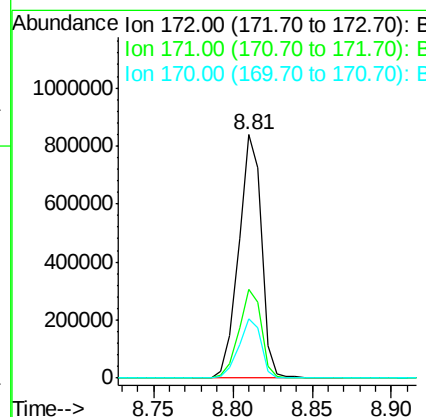
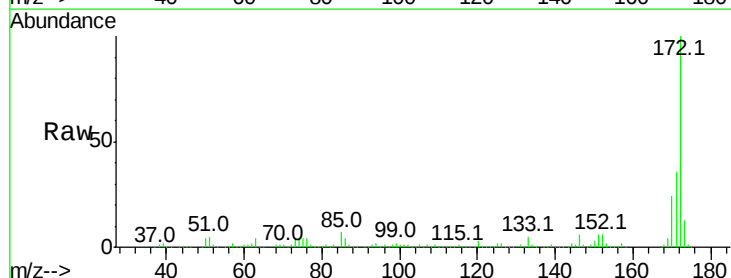
Instrument :
 BNA_F
 ClientSampleId :

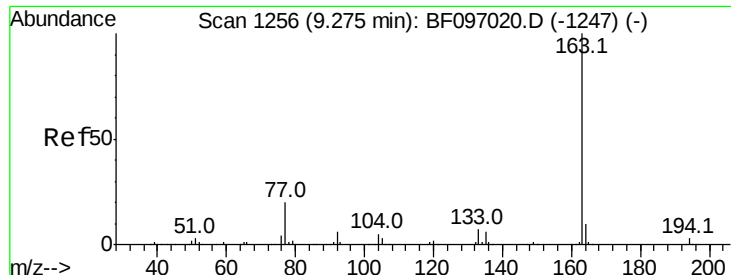
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	76.6	115.0
141	38.5	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 75.309 ng
 RT: 8.81 min Scan# 1177
 Delta R.T. -0.06 min
 Lab File: BF097308.D
 Acq: 3 Aug 2017 9:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.5	19.8	29.8

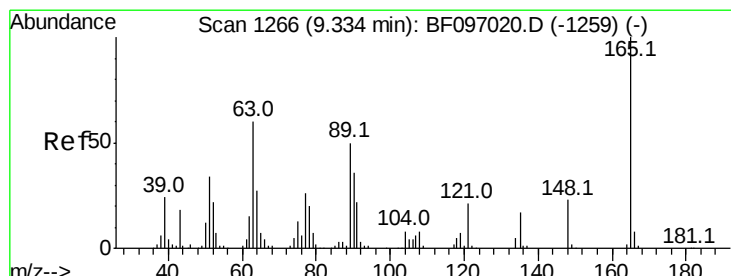
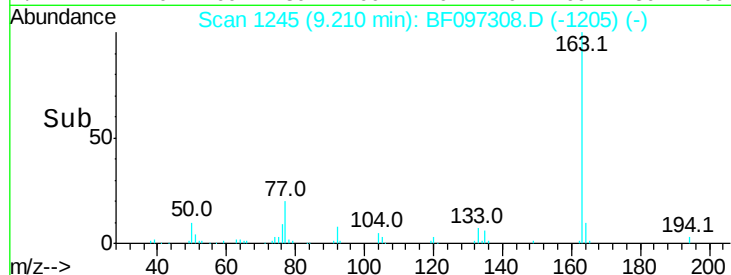
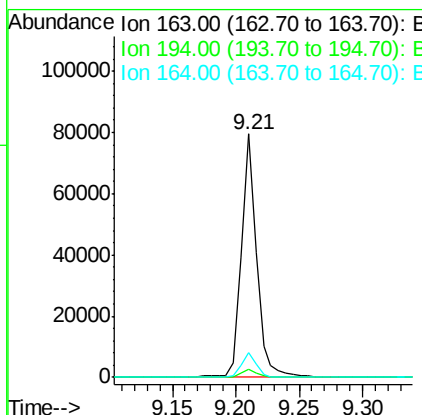
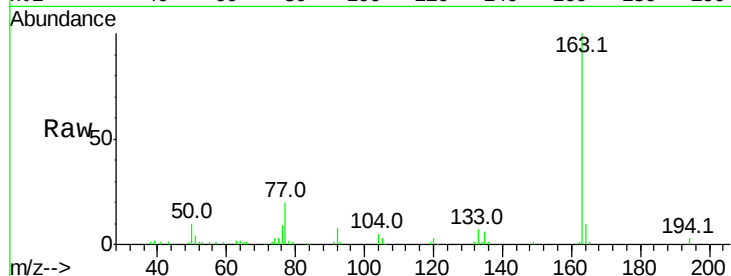




#49
Dimethylphthalate
Concen: 4.606 ng
RT: 9.21 min Scan# 1245
Delta R.T. -0.06 min
Lab File: BF097308.D
Acq: 3 Aug 2017 9:12

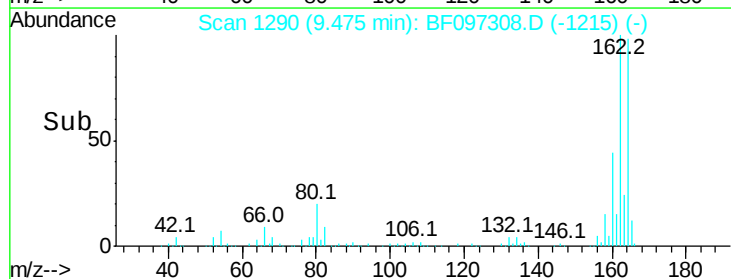
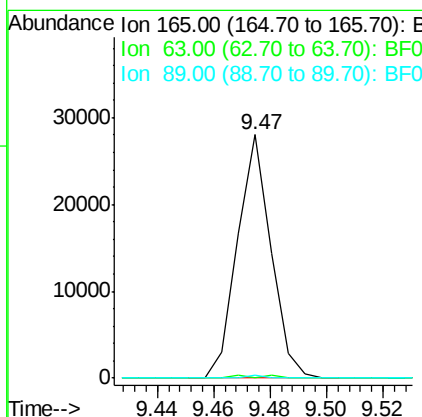
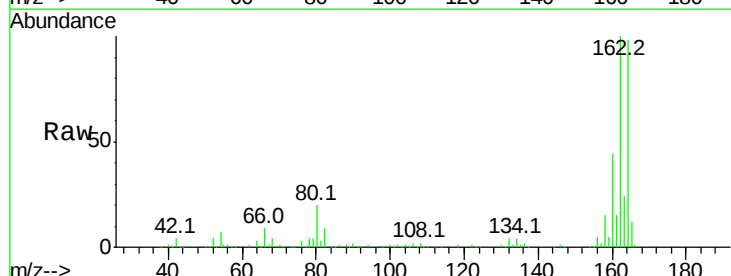
Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 65649
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.1 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 7.662 ng
RT: 9.47 min Scan# 1290
Delta R.T. 0.14 min
Lab File: BF097308.D
Acq: 3 Aug 2017 9:12

Tgt Ion:165 Resp: 23163
Ion Ratio Lower Upper
165 100
63 0.0 34.3 51.5#
89 1.3 37.1 55.7#

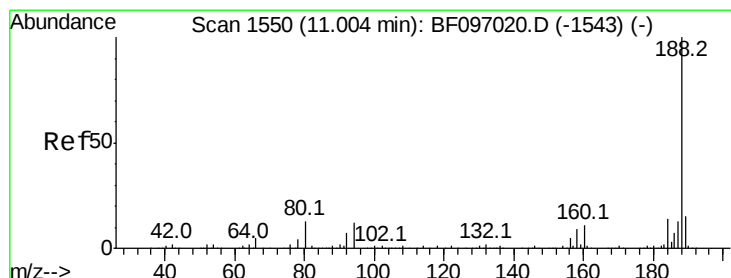
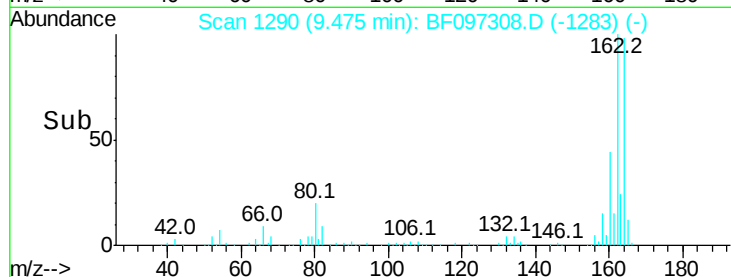
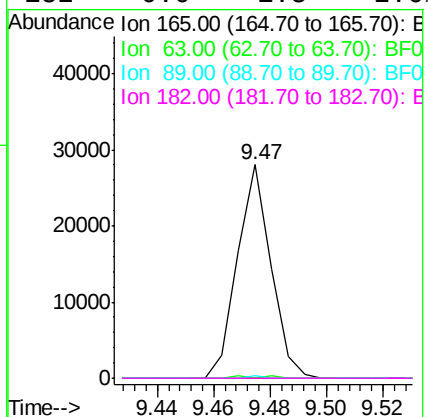
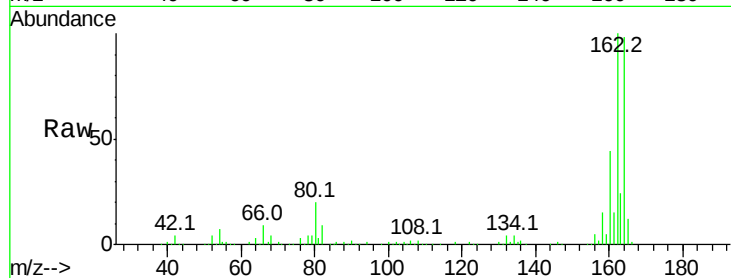




#56
 2,4-Dinitrotoluene
 Concen: 6.665 ng
 RT: 9.47 min Scan# 1290
 Delta R.T. -0.26 min
 Lab File: BF097308.D
 Acq: 3 Aug 2017 9:12

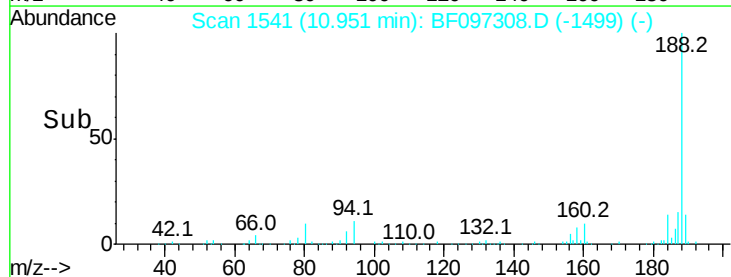
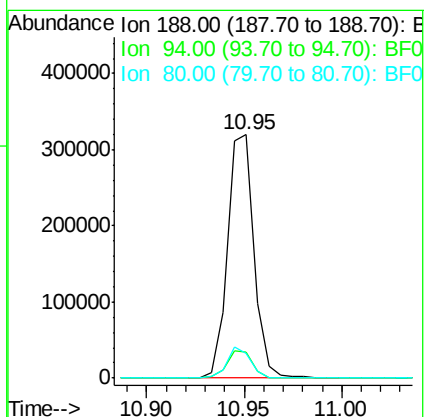
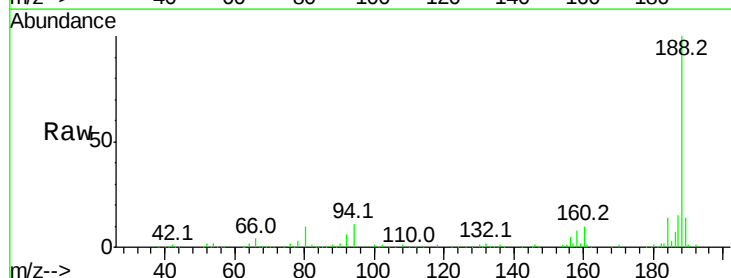
Instrument :
 BNA_F
 ClientSampleId :

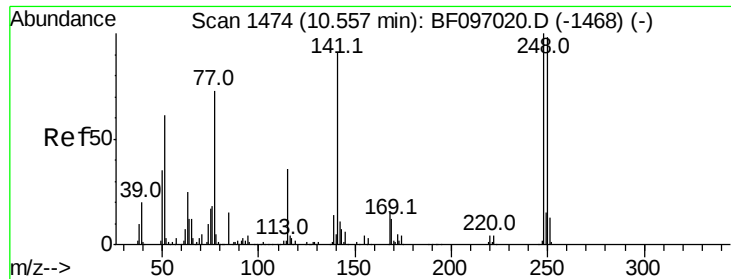
Tot Ion:165 Resp: 23163
 Ion Ratio Lower Upper
 165 100
 63 0.0 25.4 38.0#
 89 1.3 46.4 69.6#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 10.95 min Scan# 1541
 Delta R.T. -0.05 min
 Lab File: BF097308.D
 Acq: 3 Aug 2017 9:12

Tgt Ion:188 Resp: 299644
 Ion Ratio Lower Upper
 188 100
 94 10.7 9.4 14.2
 80 10.1 10.2 15.2#

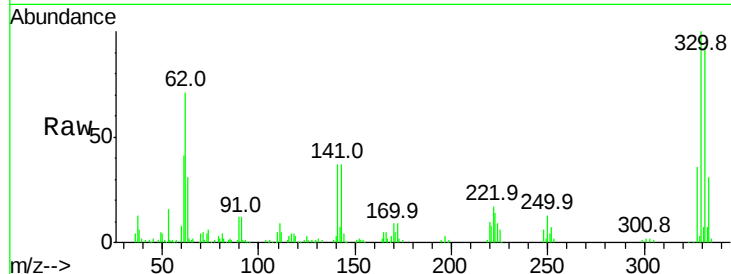




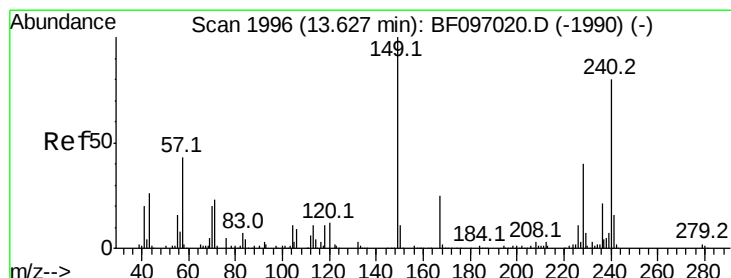
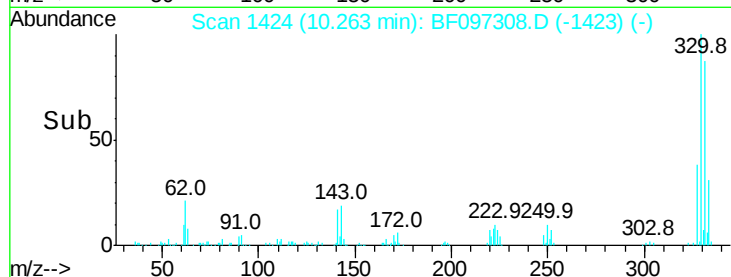
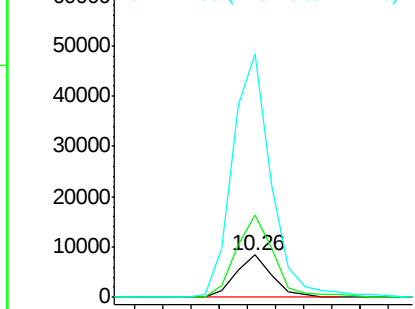
#66
 4-Bromophenyl-phenylether
 Concen: 2.484 ng
 RT: 10.26 min Scan# 1424
 Delta R.T. -0.29 min
 Lab File: BF097308.D
 Acq: 3 Aug 2017 9:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 7428
 Ion Ratio Lower Upper
 248 100
 250 194.5 76.8 115.2#
 141 575.6 68.6 103.0#

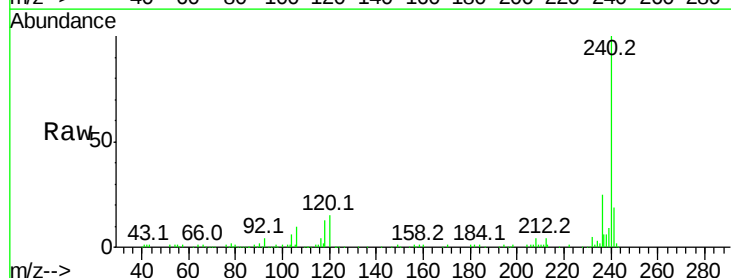


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

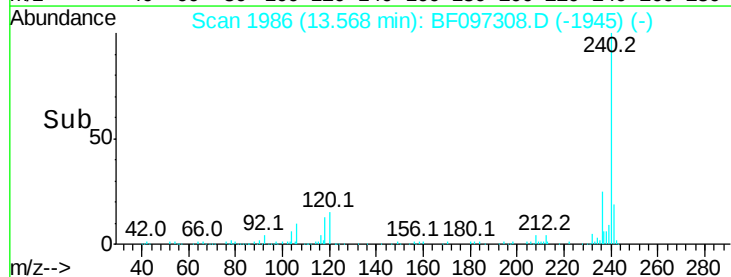
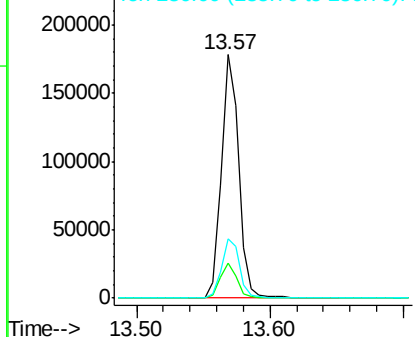


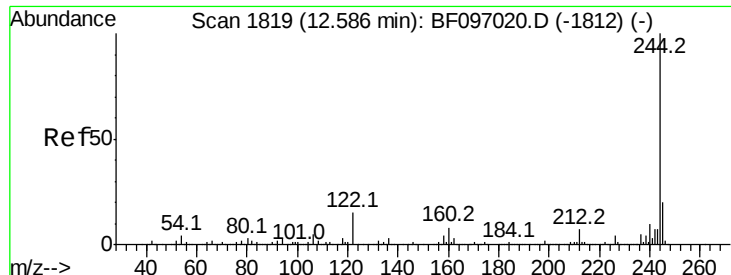
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.57 min Scan# 1986
 Delta R.T. -0.06 min
 Lab File: BF097308.D
 Acq: 3 Aug 2017 9:12

Tgt Ion:240 Resp: 164047
 Ion Ratio Lower Upper
 240 100
 120 14.6 5.8 8.8#
 236 24.5 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: 64.973 ng

RT: 12.53 min Scan# 1810

Delta R.T. -0.05 min

Lab File: BF097308.D

Acq: 3 Aug 2017 9:12

Instrument :

BNA_F

ClientSampleId :

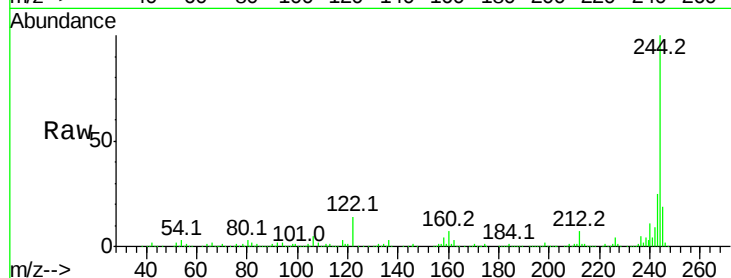
Tot Ion:244 Resp: 522773

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

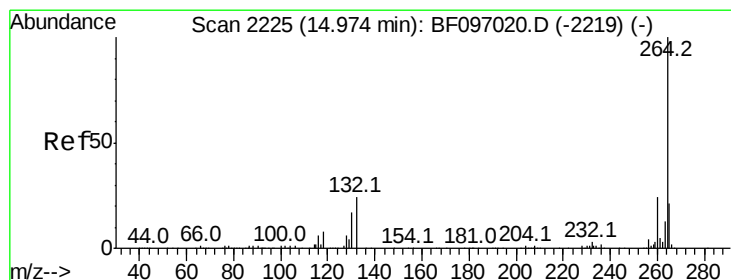
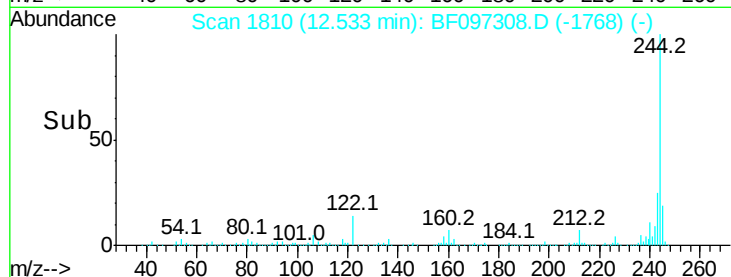
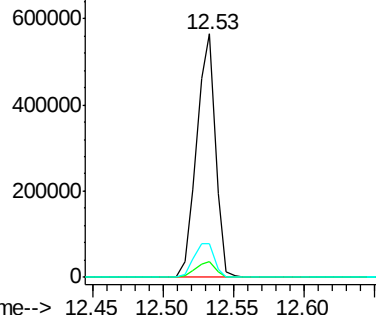
122 14.0 10.3 15.5



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: 20.000 ng

RT: 14.92 min Scan# 2215

Delta R.T. -0.06 min

Lab File: BF097308.D

Acq: 3 Aug 2017 9:12

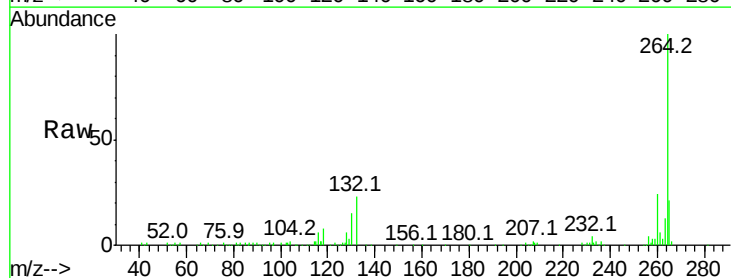
Tgt Ion:264 Resp: 145718

Ion Ratio Lower Upper

264 100

260 24.1 19.5 29.3

265 21.1 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

