

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080417\
 Data File : BF097382.D
 Acq On : 5 Aug 2017 4:05
 Operator : SJ/JU
 Sample : I4564-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 05 06:35:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 01:17:22 2017
 Response via : Initial Calibration

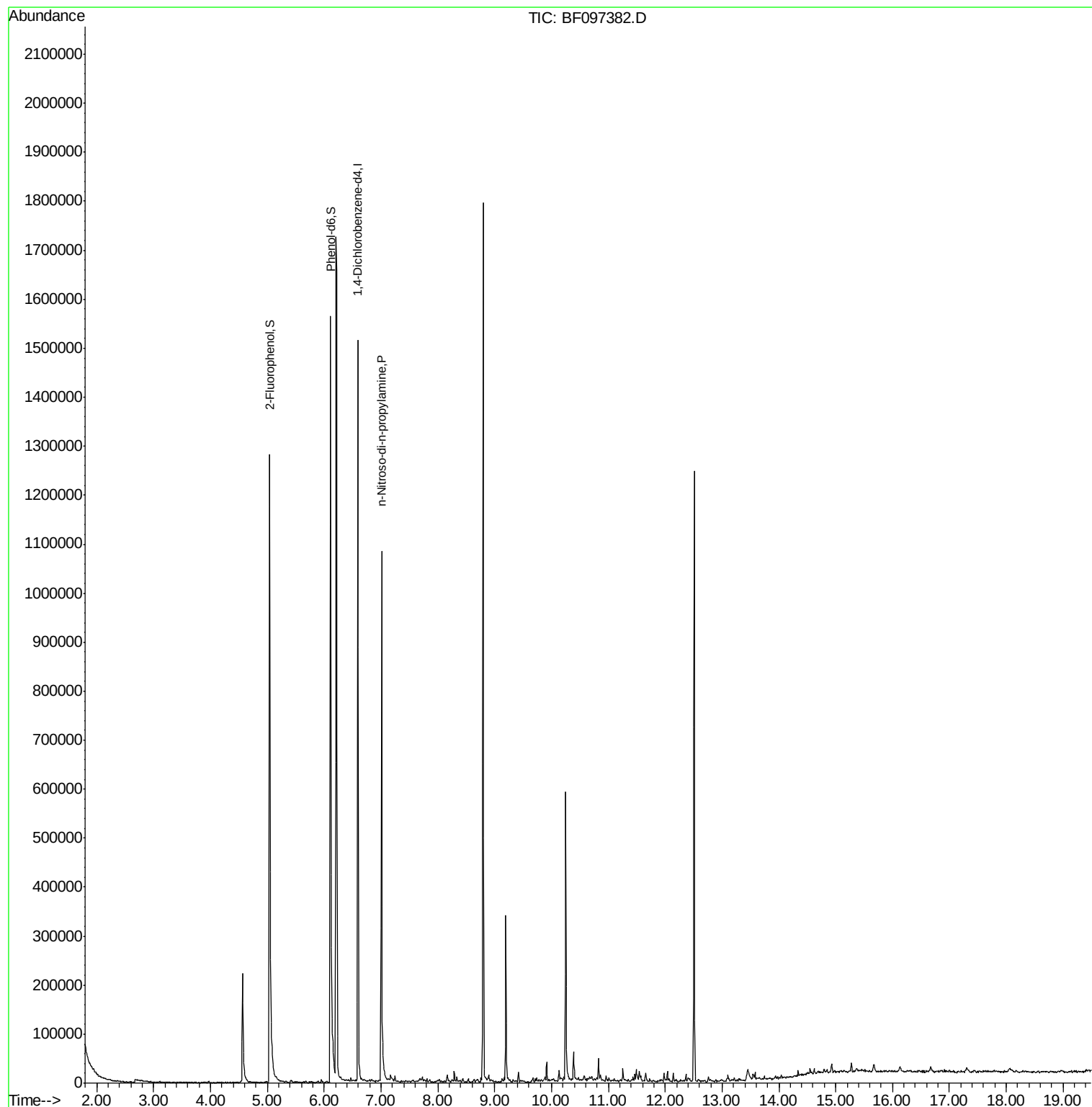
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	215389	20.00	ng	0.09
21) Naphthalene-d8	0.00	136	0	0.00	ng	-7.79
38) Acenaphthene-d10	0.00	164	0	0.00	ng	-9.53
63) Phenanthrene-d10	0.00	188	0	0.00	ng	-11.00
75) Chrysene-d12	0.00	240	0	0.00	ng	-13.63
86) Perylene-d12	0.00	264	0	0.00	ng	-14.97
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	491213	34.38	ng	-0.06
7) Phenol-d6	6.11	99	611327	37.48	ng	-0.06
23) Nitrobenzene-d5	7.01	82	358313	0.00	ng	-0.06
41) 2,4,6-Tribromophenol	10.25	330	65630	0.00	ng	-0.07
44) 2-Fluorobiphenyl	8.80	172	578539	0.00	ng	-0.07
78) Terphenyl-d14	12.51	244	349025	0.00	ng	-0.08
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.01	70	48198	4.49	ng	Qvalue # 87

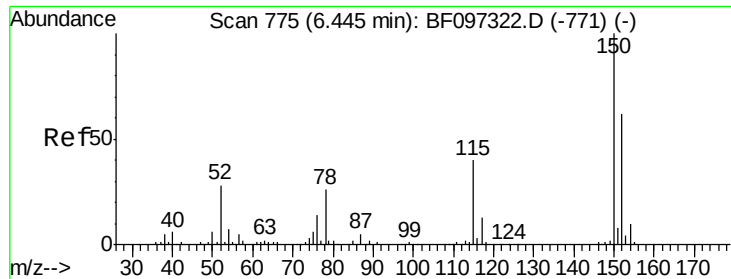
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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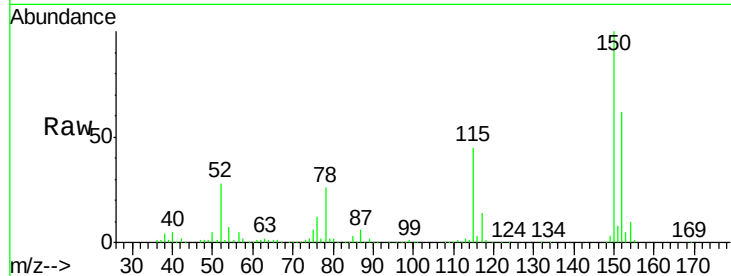


#1

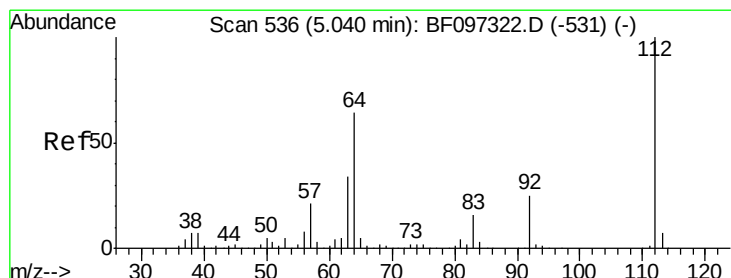
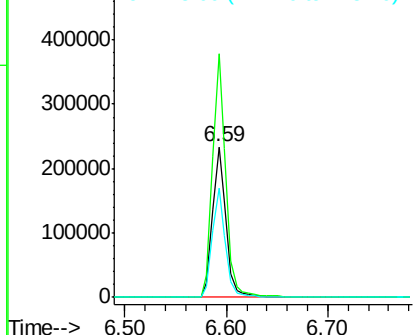
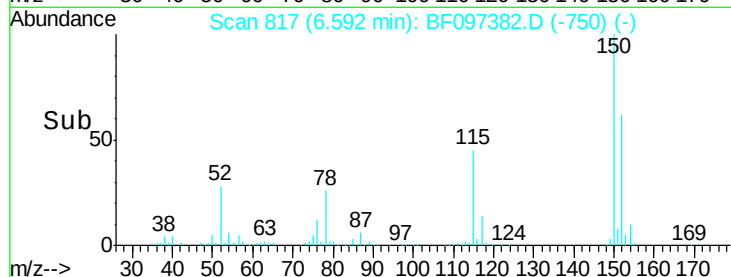
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.59 min Scan# 817
Delta R.T. 0.09 min
Lab File: BF097382.D
Acq: 5 Aug 2017 4:05

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.0	126.2	189.2
115	72.7	52.2	78.2



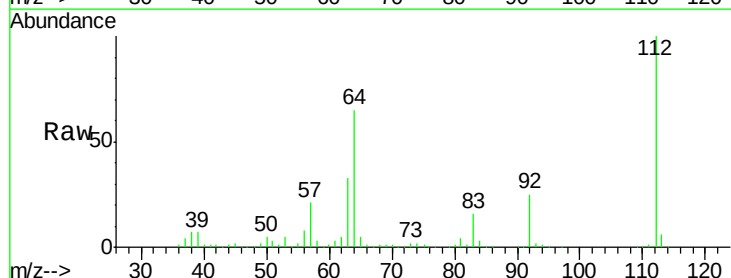
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



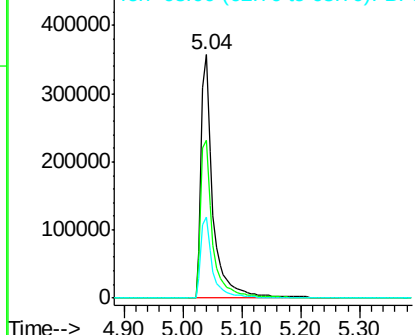
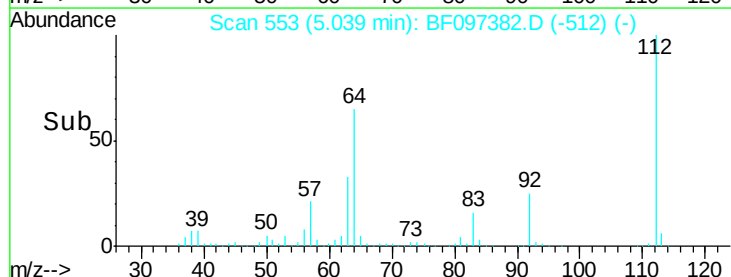
#5

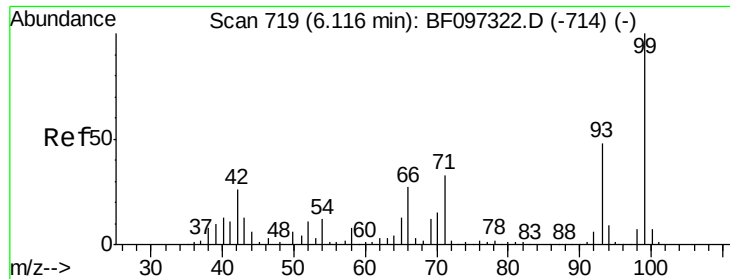
2-Fluorophenol
Concen: 34.38 ng
RT: 5.04 min Scan# 553
Delta R.T. -0.06 min
Lab File: BF097382.D
Acq: 5 Aug 2017 4:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.8	46.0	69.0
63	33.2	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: 37.48 ng

RT: 6.11 min Scan# 735

Delta R.T. -0.06 min

Lab File: BF097382.D

Acq: 5 Aug 2017 4:05

Instrument :

BNA_F

ClientSampled :

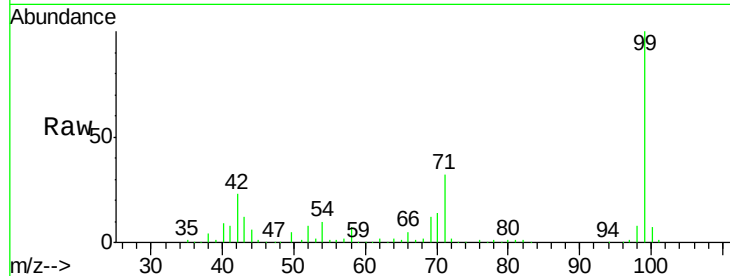
Tot Ion: 99 Resp: 611327

Ion Ratio Lower Upper

99 100

42 23.0 13.5 20.3#

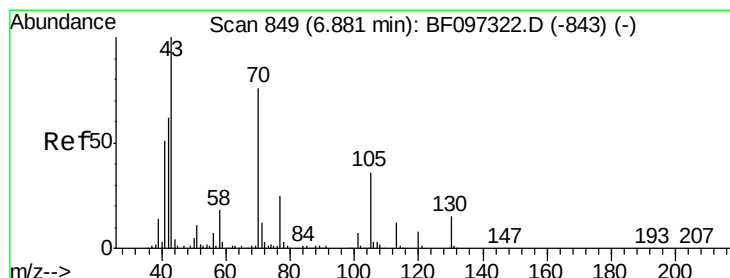
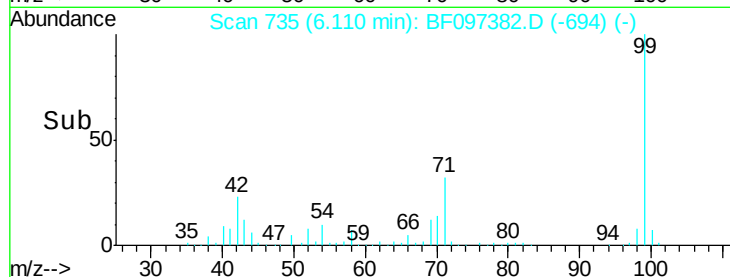
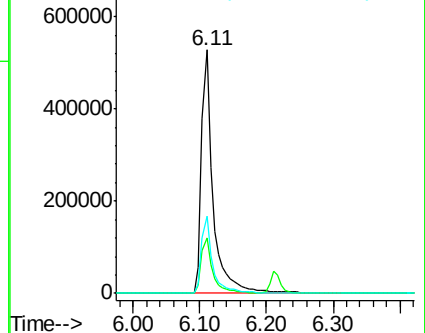
71 31.8 24.5 36.7



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: 4.49 ng

RT: 7.01 min Scan# 888

Delta R.T. 0.08 min

Lab File: BF097382.D

Acq: 5 Aug 2017 4:05

Tgt Ion: 70 Resp: 48198

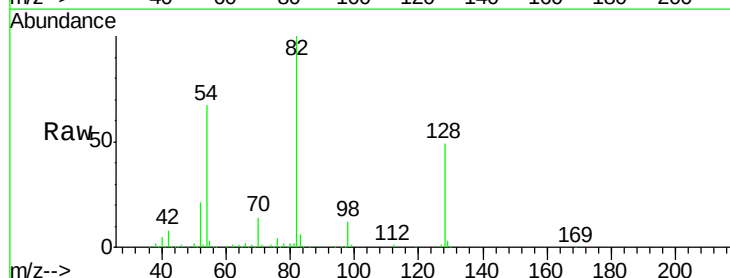
Ion Ratio Lower Upper

70 100

42 57.4 47.2 70.8

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#

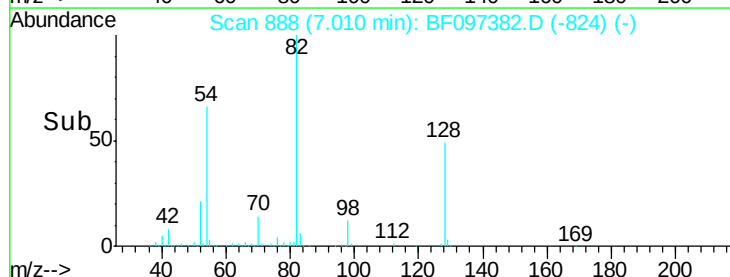
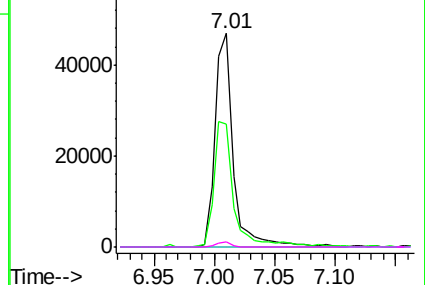


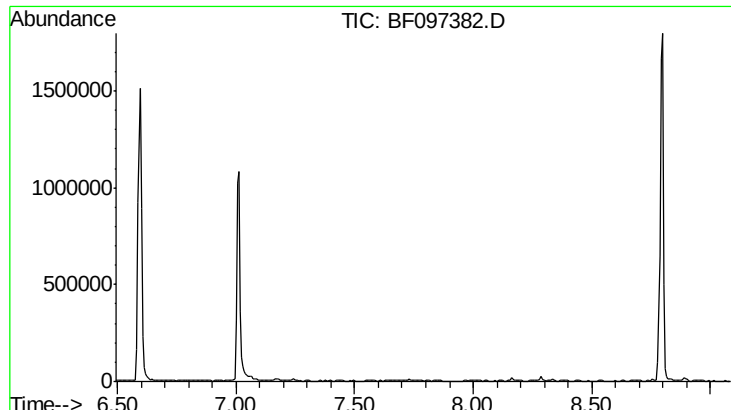
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

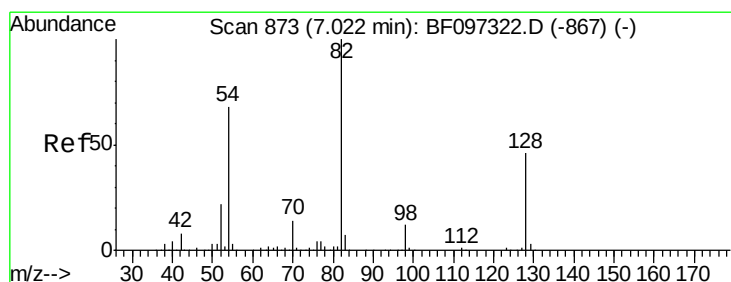
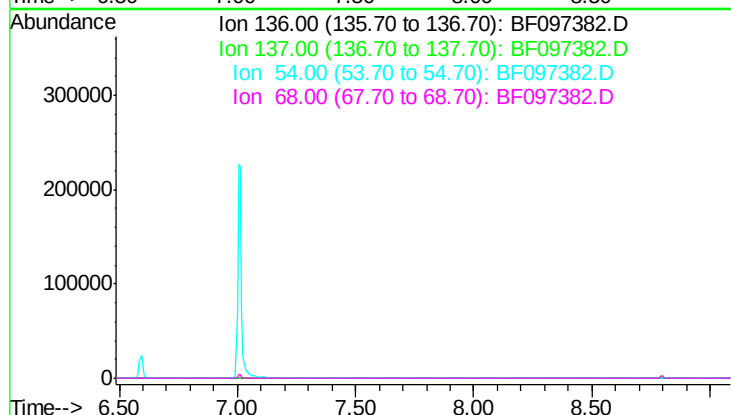




#21
Naphthalene-d8
Concen: 0.00 ng
Expected RT: 7.79 min
Lab File: BF097382.D
Acq: 5 Aug 2017 4:05

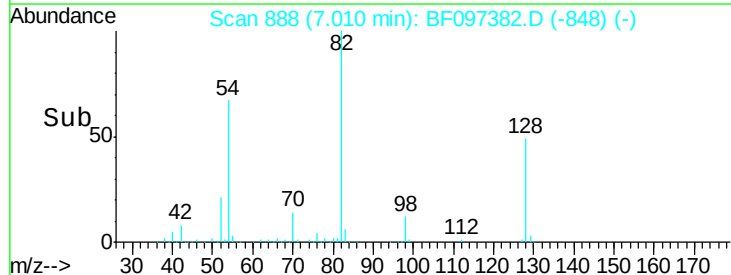
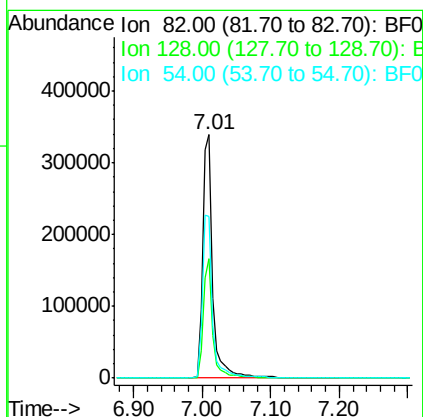
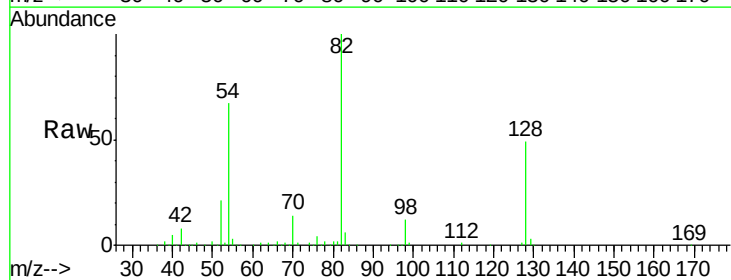
Instrument :
BNA_F
ClientSampleId :

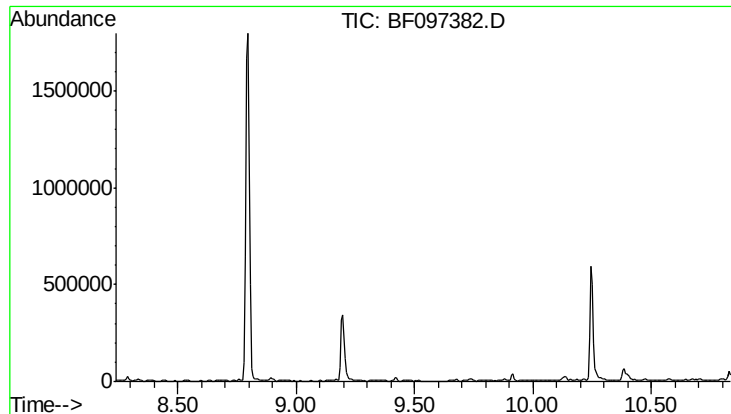
Tot Ion: 136
Sig Exp Ratio
136 100
137 10.6
54 6.1
68 5.1



#23
Nitrobenzene-d5
Concen: 0.00 ng
RT: 7.01 min Scan# 888
Delta R.T. -0.06 min
Lab File: BF097382.D
Acq: 5 Aug 2017 4:05

Tgt Ion: 82 Resp: 358313
Ion Ratio Lower Upper
82 100
128 49.0 34.0 51.0
54 66.5 42.2 63.2#

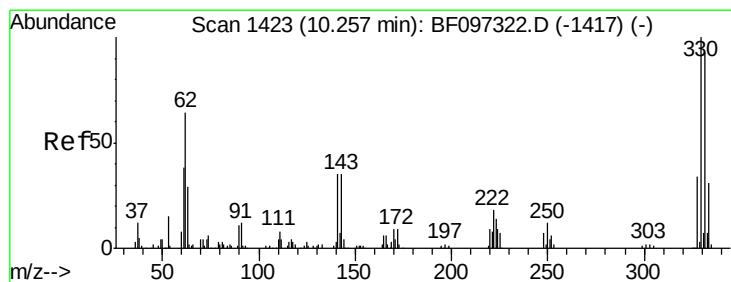
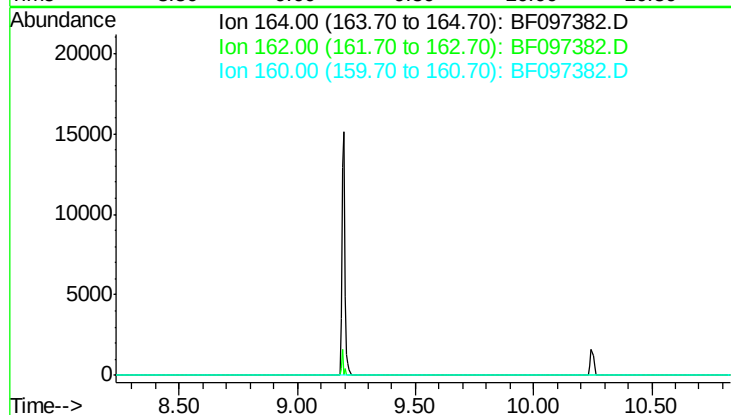




#38
 Acenaphthene-d10
 Concen: 0.00 ng
 Expected RT: 9.53 min
 Lab File: BF097382.D
 Acq: 5 Aug 2017 4:05

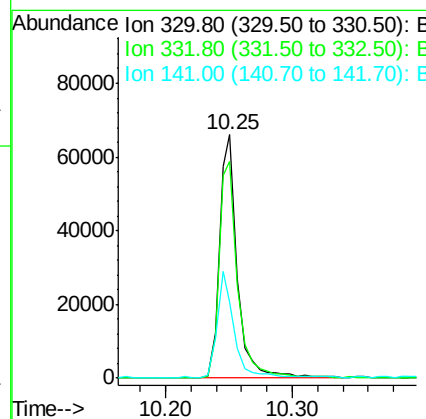
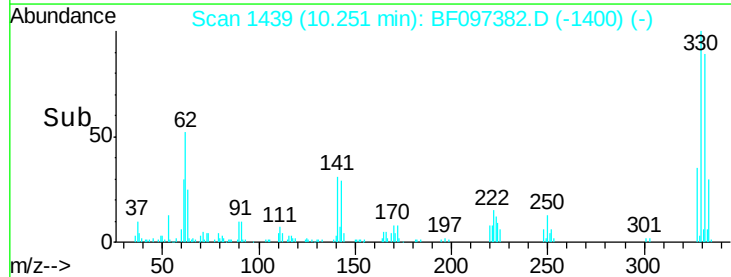
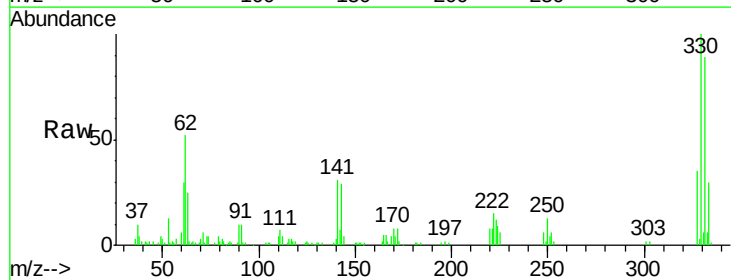
Instrument :
 BNA_F
 ClientSampleId :

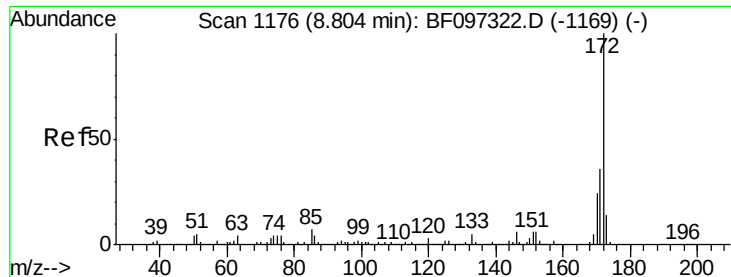
Tot Ion: 164
 Sig Exp Ratio
 164 100
 162 103.2
 160 45.2



#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 RT: 10.25 min Scan# 1439
 Delta R.T. -0.07 min
 Lab File: BF097382.D
 Acq: 5 Aug 2017 4:05

Tgt Ion: 330 Resp: 65630
 Ion Ratio Lower Upper
 330 100
 332 93.3 76.6 115.0
 141 41.9 31.4 47.2





#44

2-Fluorobiphenyl

Concen: 0.00 ng

RT: 8.80 min Scan# 1192

Delta R.T. -0.07 min

Lab File: BF097382.D

Acq: 5 Aug 2017 4:05

Instrument :

BNA_F

ClientSampleId :

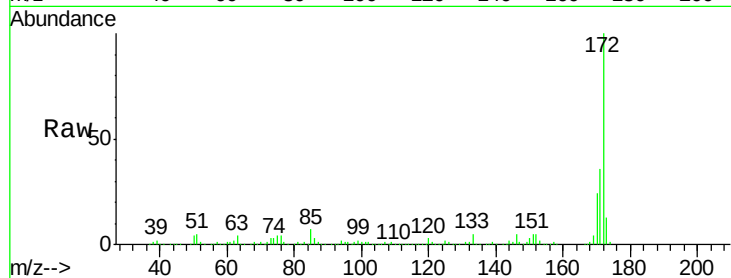
Tot Ion:172 Resp: 578539

Ion Ratio Lower Upper

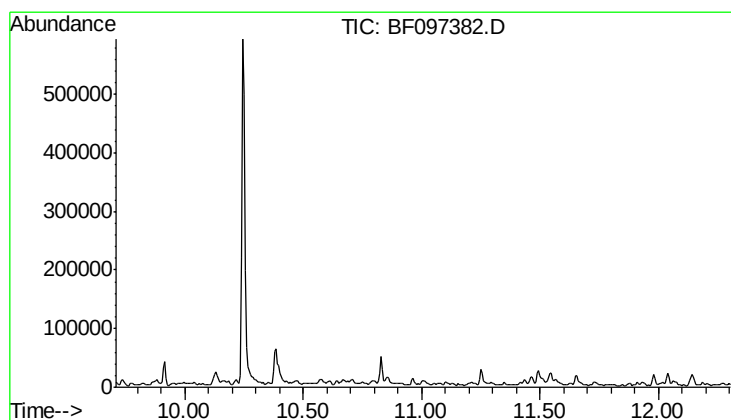
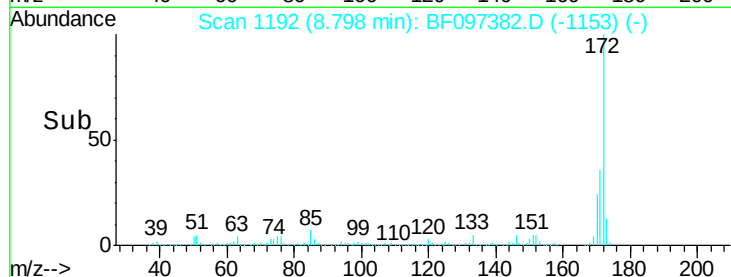
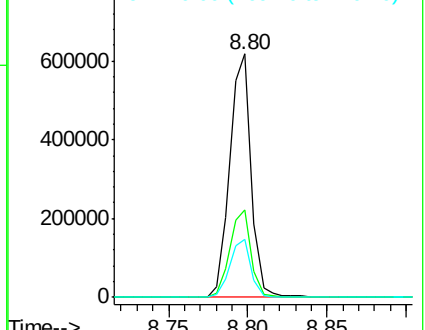
172 100

171 35.8 29.6 44.4

170 24.0 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



#63

Phenanthrene-d10

Concen: 0.00 ng

Expected RT: 11.00 min

Lab File: BF097382.D

Acq: 5 Aug 2017 4:05

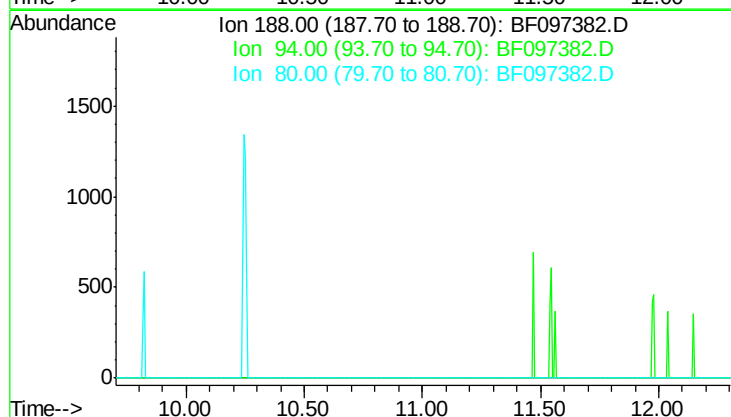
Tgt Ion: 188

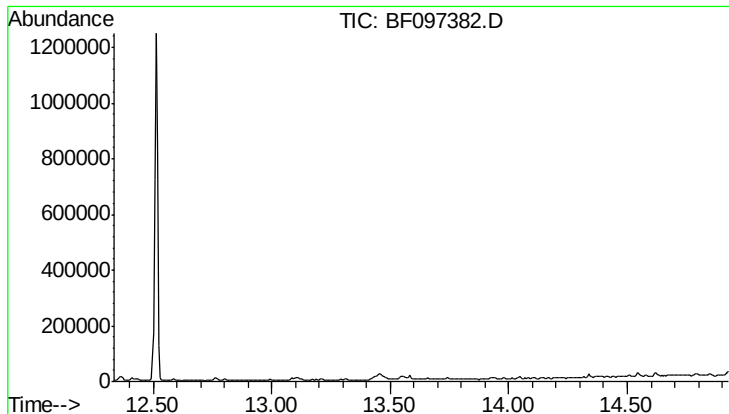
Sig Exp Ratio

188 100

94 11.8

80 12.7

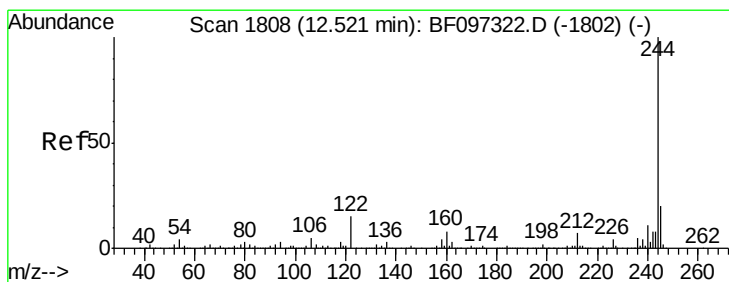
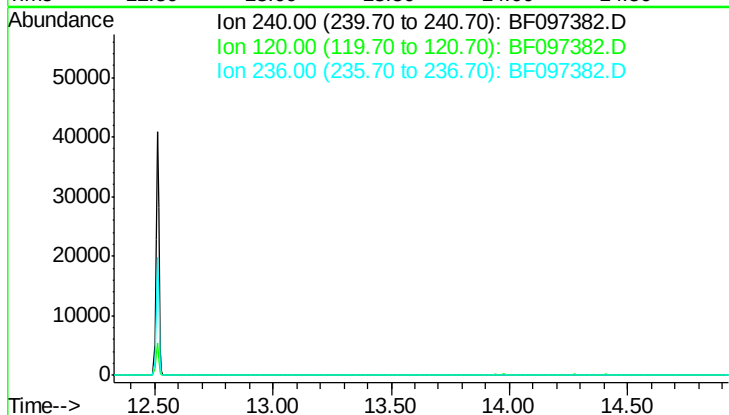




#75
 Chrvsene-d12
 Concen: 0.00 ng
 Expected RT: 13.63 min
 Lab File: BF097382.D
 Acq: 5 Aug 2017 4:05

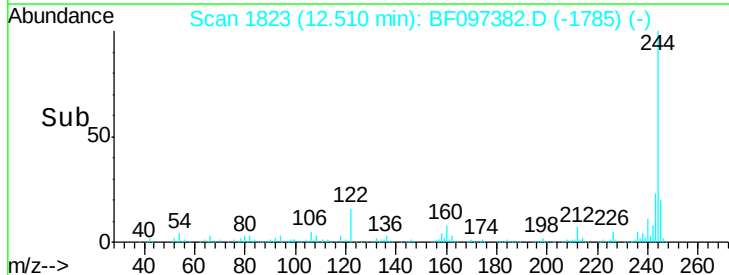
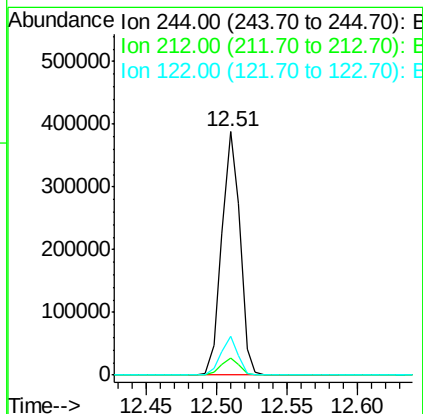
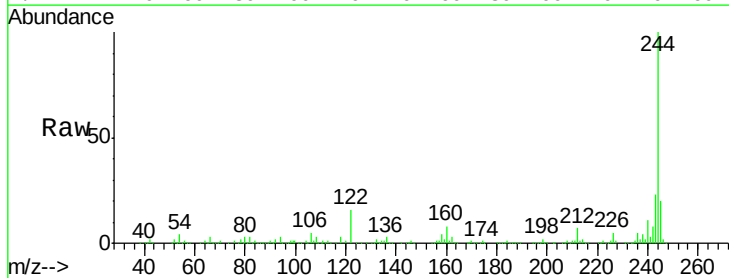
Instrument :
 BNA_F
 ClientSampleId :

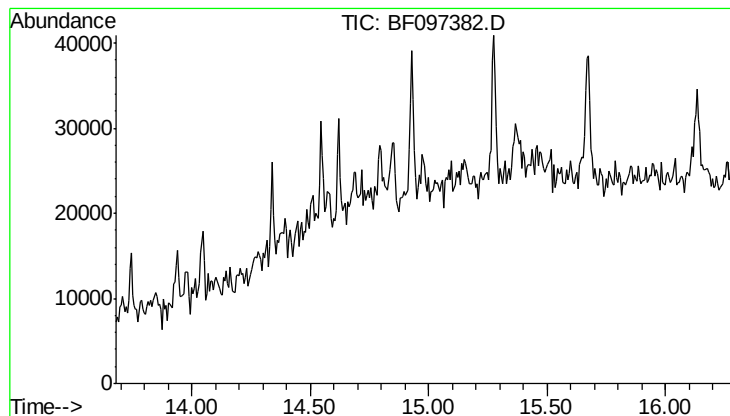
Tot Ion: 240
 Sig Exp Ratio
 240 100
 120 7.3
 236 25.6



#78
 Terphenyl-d14
 Concen: 0.00 ng
 RT: 12.51 min Scan# 1823
 Delta R.T. -0.08 min
 Lab File: BF097382.D
 Acq: 5 Aug 2017 4:05

Tgt Ion:244 Resp: 349025
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 15.8 10.3 15.5#





#86
 Pervlene-d12
 Concen: 0.00 ng
 Expected RT: 14.97 min
 Lab File: BF097382.D
 Acq: 5 Aug 2017 4:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 264
 Sig Exp Ratio
 264 100
 260 24.4
 265 21.5

