

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
 Data File : BF097318.D
 Acq On : 3 Aug 2017 13:49
 Operator : SJ/JU
 Sample : I4493-02
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 03 14:15:03 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 03 12:06:13 2017
 Response via : Initial Calibration

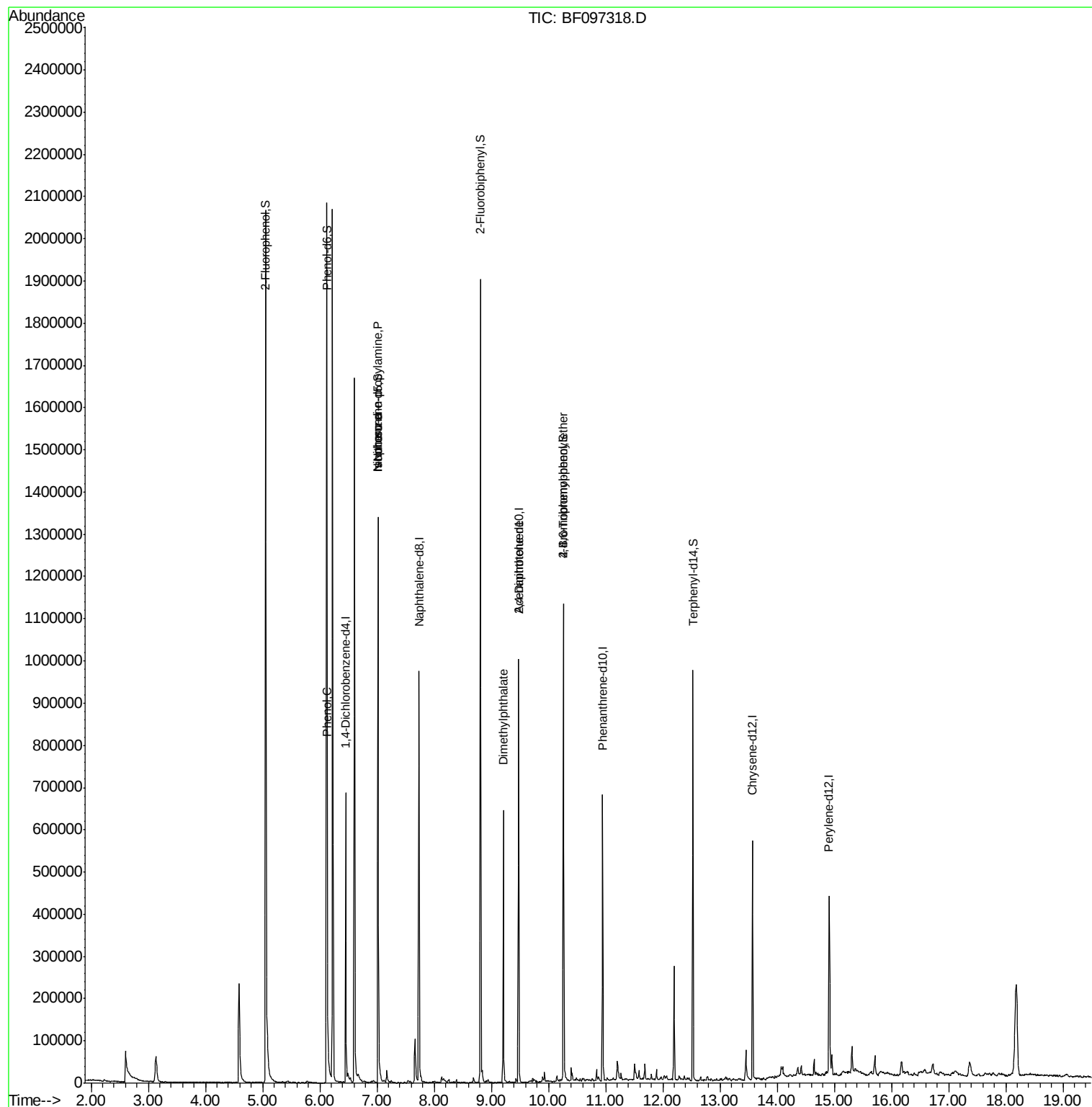
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.45	152	104181	20.00	ng	0.00
21) Naphthalene-d8	7.73	136	436204	20.00	ng	0.00
38) Acenaphthene-d10	9.47	164	179627	20.00	ng	0.00
63) Phenanthrene-d10	10.95	188	249194	20.00	ng	-0.01
75) Chrysene-d12	13.57	240	181538	20.00	ng	-0.01
86) Perylene-d12	14.92	264	172659	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	649463	93.98	ng	0.00
7) Phenol-d6	6.12	99	771142	97.74	ng	0.00
23) Nitrobenzene-d5	7.02	82	424078	57.03	ng	0.00
41) 2,4,6-Tribromophenol	10.26	330	121316	85.48	ng	-0.01
44) 2-Fluorobiphenyl	8.81	172	555640	52.50	ng	0.00
78) Terphenyl-d14	12.53	244	274491	30.83	ng	-0.01
Target Compounds						
10) Phenol	6.13	94	30214	3.229	ng	91
19) n-Nitroso-di-n-propylamine	7.02	70	55835	10.752	ng	# 87
25) Isophorone	7.02	82	424073	29.122	ng	# 67
49) Dimethylphthalate	9.21	163	238140	17.458	ng	98
56) 2,4-Dinitrotoluene	9.47	165	22263	6.694	ng	# 32
66) 4-Bromophenyl-phenylether	10.26	248	8030	3.229	ng	# 1

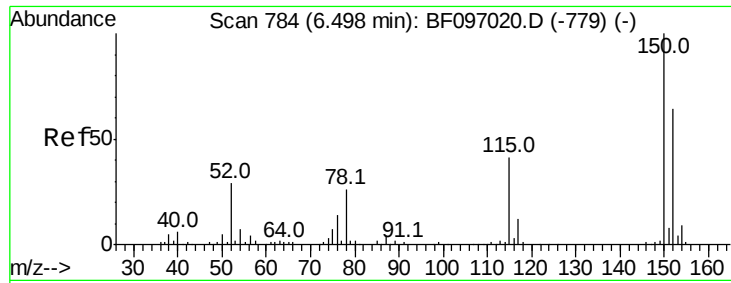
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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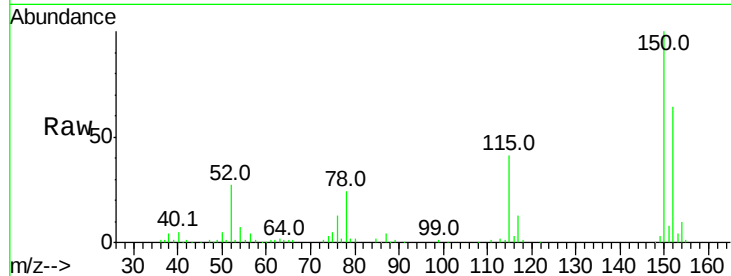


#1

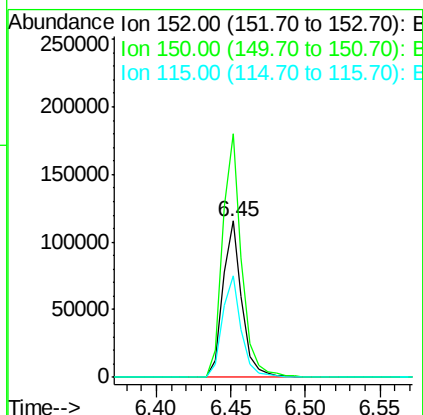
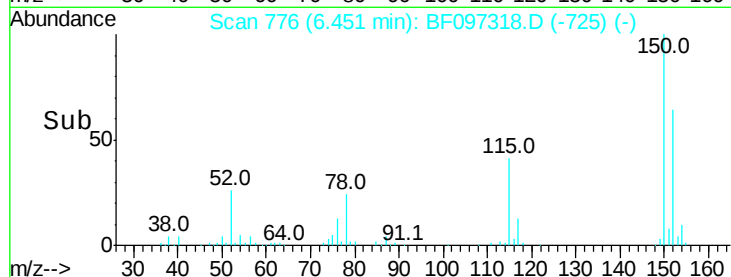
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.45 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF097318.D
 Acq: 3 Aug 2017 13:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 104181
 Ion Ratio Lower Upper
 152 100
 150 155.7 126.2 189.2
 115 64.6 52.2 78.2



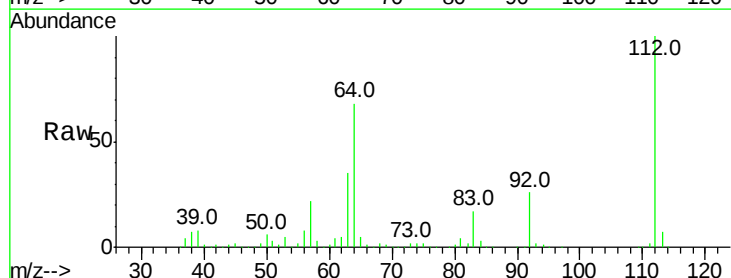
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



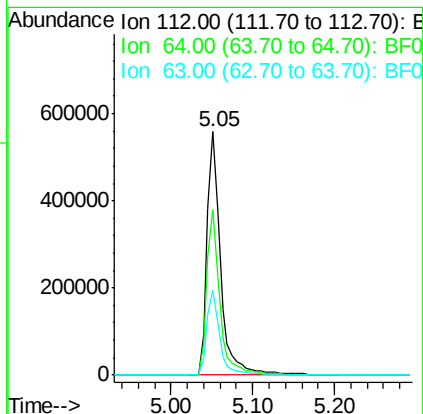
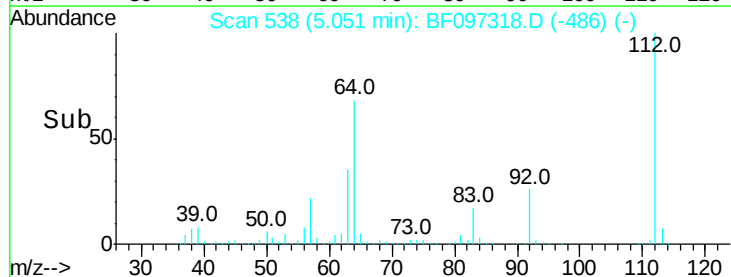
#5

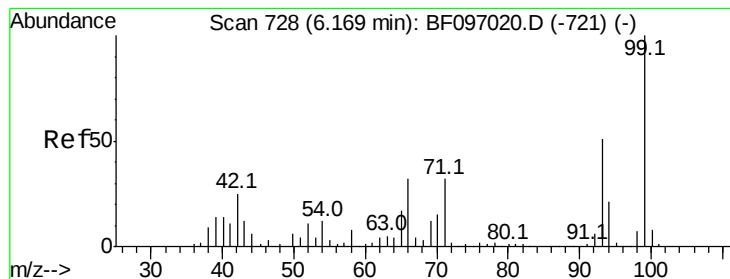
2-Fluorophenol
 Concen: 93.977 ng
 RT: 5.05 min Scan# 538
 Delta R.T. 0.01 min
 Lab File: BF097318.D
 Acq: 3 Aug 2017 13:49

Tgt Ion:112 Resp: 649463
 Ion Ratio Lower Upper
 112 100
 64 68.1 46.0 69.0
 63 34.8 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: 97.741 ng

RT: 6.12 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF097318.D

Acq: 3 Aug 2017 13:49

Instrument :

BNA_F

ClientSampled :

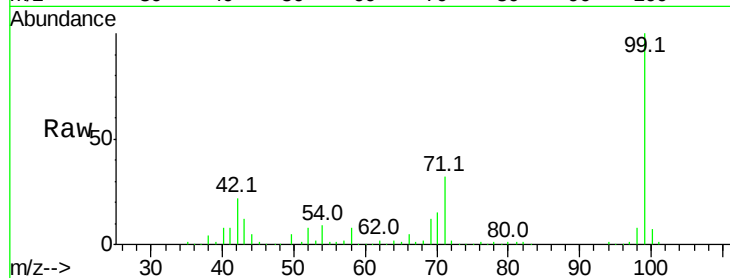
Tot Ion: 99 Resp: 771142

Ion Ratio Lower Upper

99 100

42 22.1 13.5 20.3#

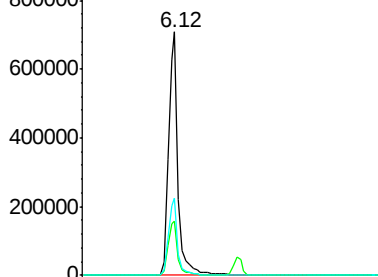
71 31.8 24.5 36.7



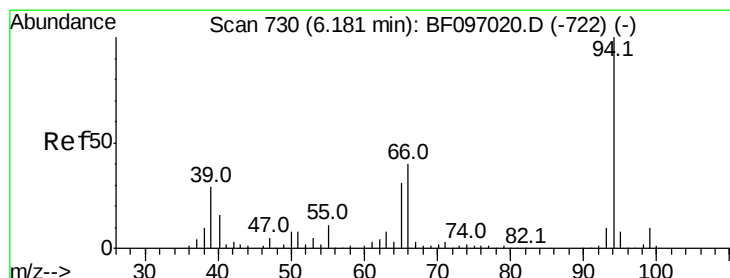
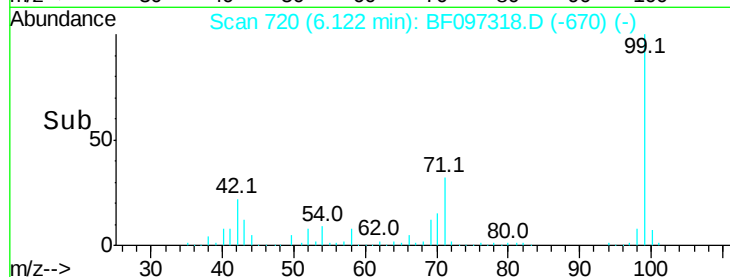
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#10

Phenol

Concen: 3.229 ng

RT: 6.13 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF097318.D

Acq: 3 Aug 2017 13:49

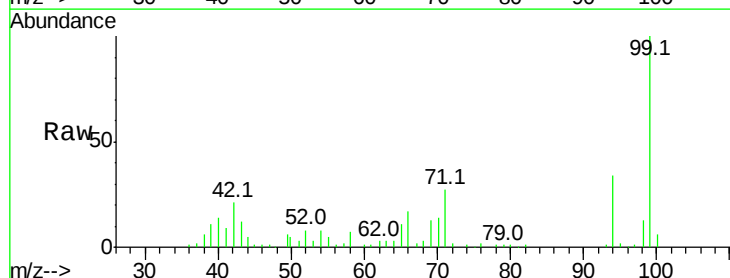
Tgt Ion: 94 Resp: 30214

Ion Ratio Lower Upper

94 100

65 33.5 9.9 49.9

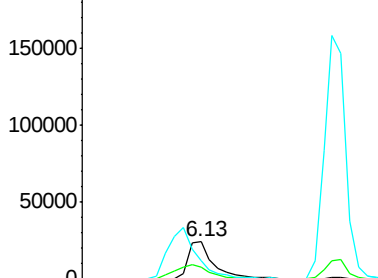
66 49.8 23.1 63.1



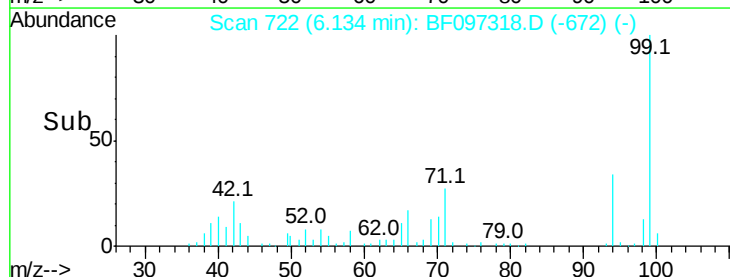
Abundance Ion 94.00 (93.70 to 94.70): BF0

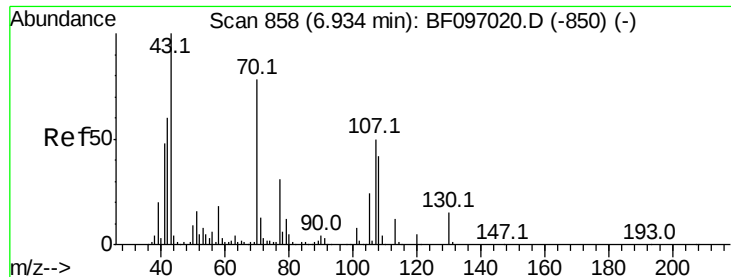
Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



Time-->

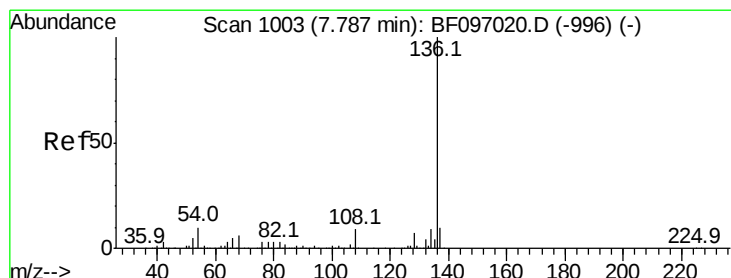
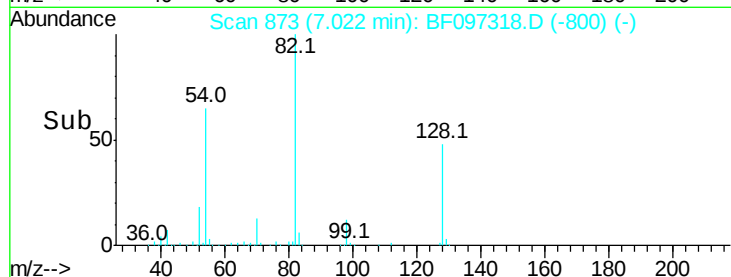
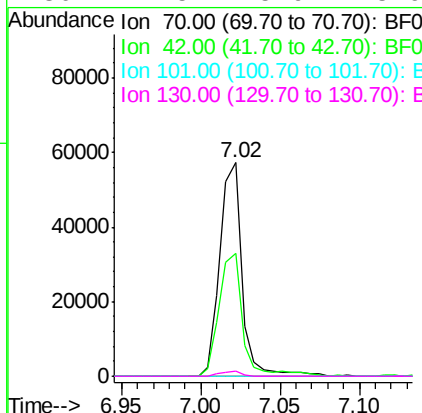
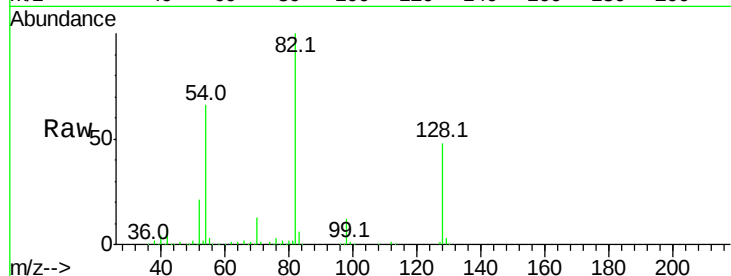




#19
n-Nitroso-di-n-propylamine
Concen: 10.752 ng
RT: 7.02 min Scan# 873
Delta R.T. 0.13 min
Lab File: BF097318.D
Acq: 3 Aug 2017 13:49

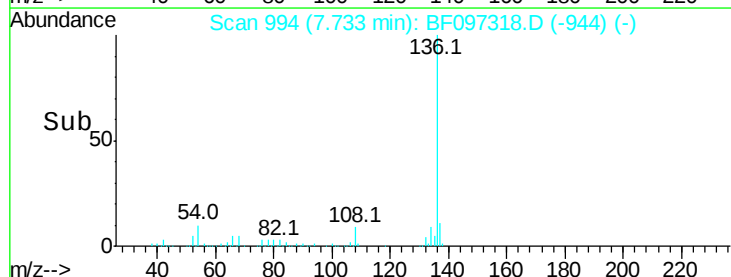
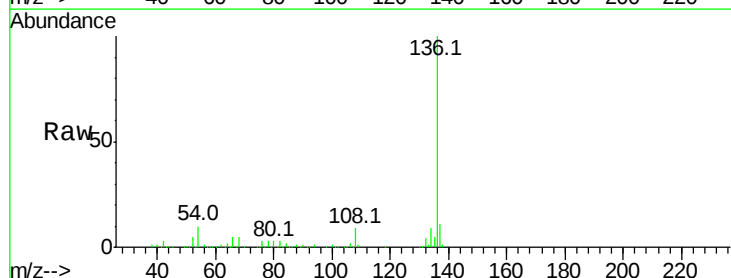
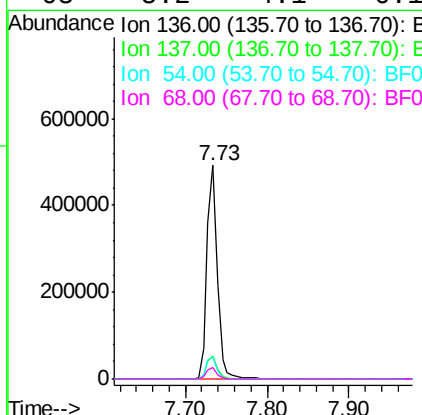
Instrument :
BNA_F
ClientSampleId :

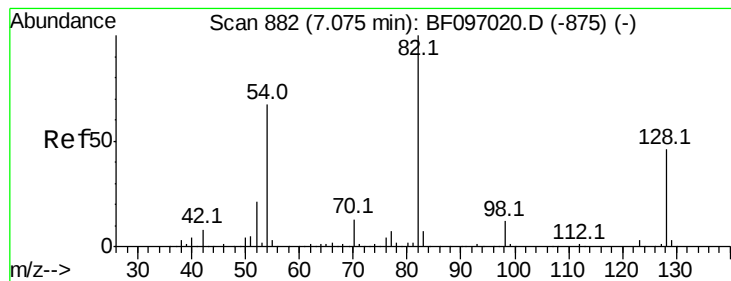
Tot Ion: 70 Resp: 55835
Ion Ratio Lower Upper
70 100
42 57.4 47.2 70.8
101 0.0 7.2 10.8#
130 2.5 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.73 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF097318.D
Acq: 3 Aug 2017 13:49

Tgt Ion:136 Resp: 436204
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 10.0 4.9 7.3#
68 5.2 4.1 6.1





#23

Nitrobenzene-d5

Concen: 57.033 ng

RT: 7.02 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF097318.D

Acq: 3 Aug 2017 13:49

Instrument :

BNA_F

ClientSampleId :

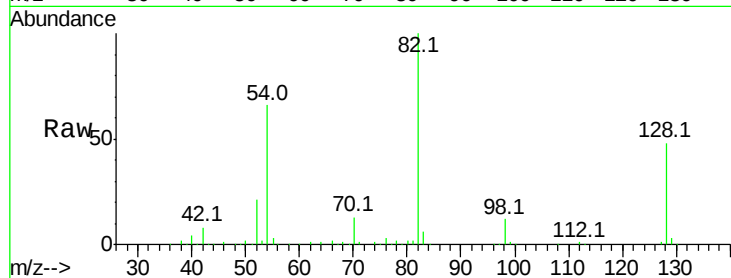
Tot Ion: 82 Resp: 424078

Ion Ratio Lower Upper

82 100

128 48.1 34.0 51.0

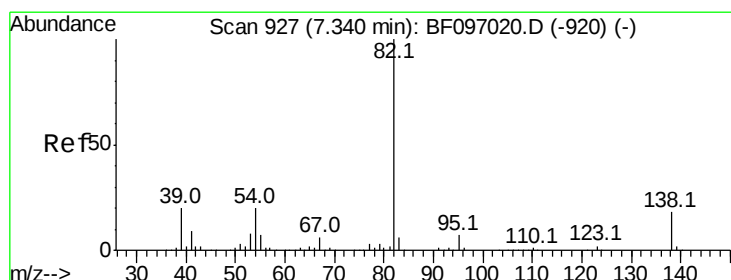
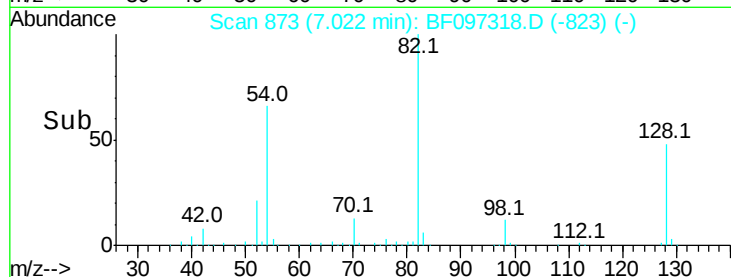
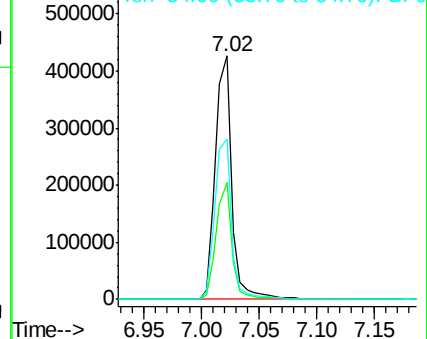
54 65.7 42.2 63.2#



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: 29.122 ng

RT: 7.02 min Scan# 873

Delta R.T. -0.27 min

Lab File: BF097318.D

Acq: 3 Aug 2017 13:49

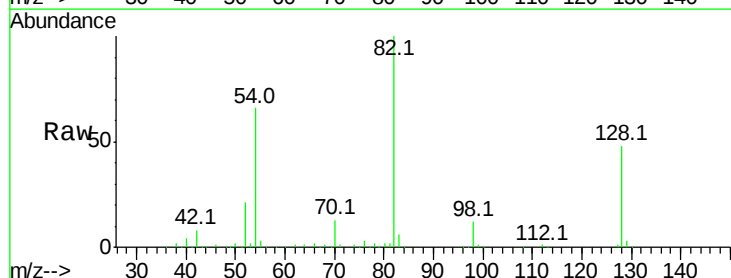
Tgt Ion: 82 Resp: 424073

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

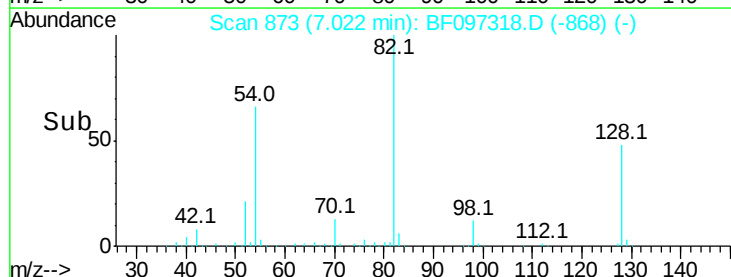
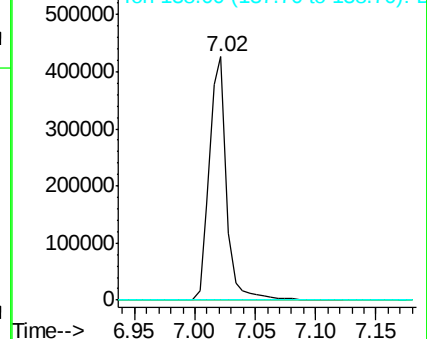
138 0.0 13.1 19.7#

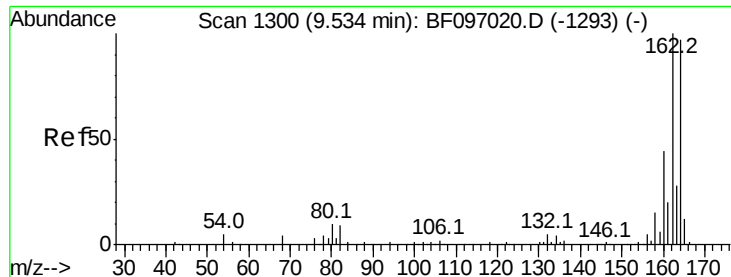


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

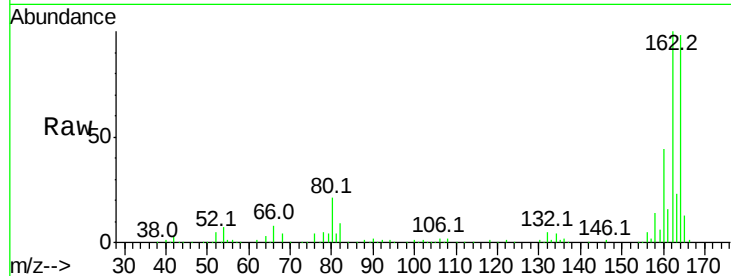




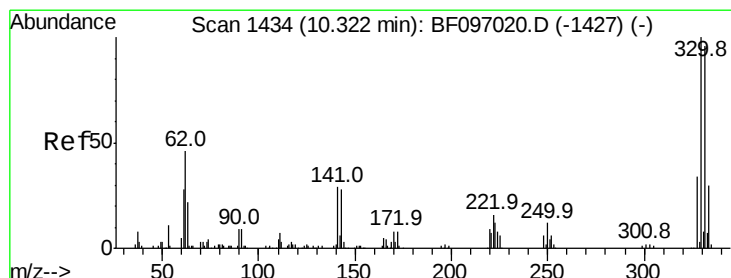
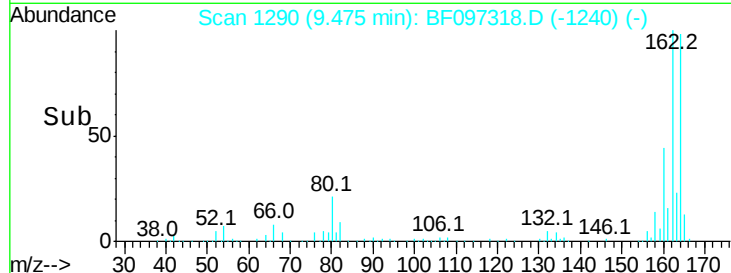
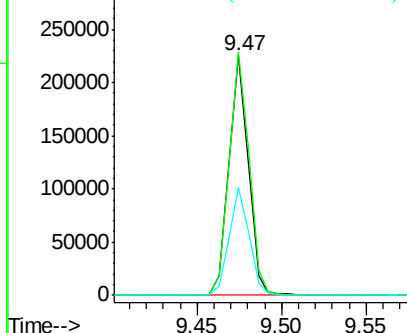
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.47 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BF097318.D
 Acq: 3 Aug 2017 13:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 179627
 Ion Ratio Lower Upper
 164 100
 162 101.6 82.6 123.8
 160 45.1 36.2 54.2

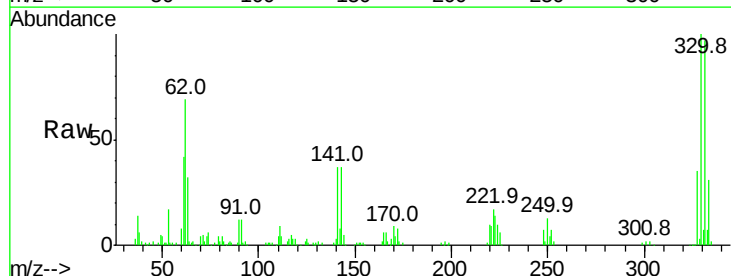


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

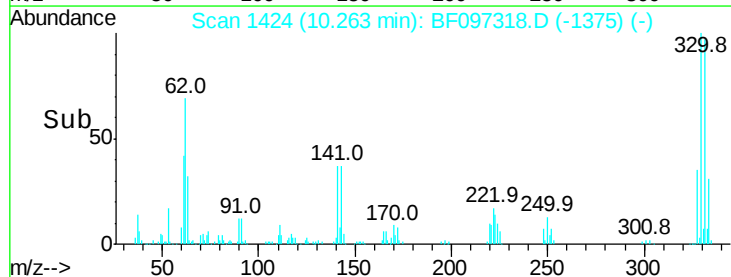
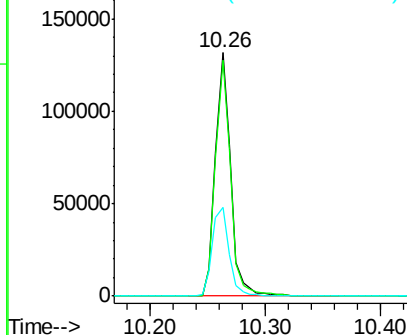


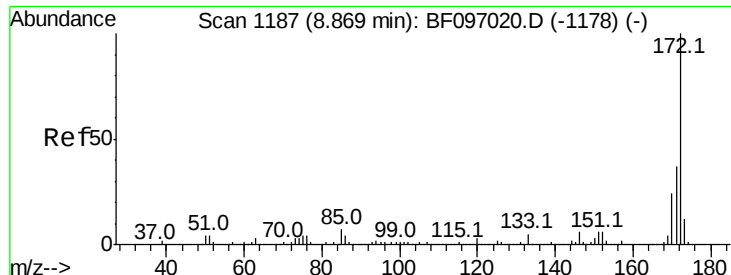
#41
 2,4,6-Tribromophenol
 Concen: 85.480 ng
 RT: 10.26 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF097318.D
 Acq: 3 Aug 2017 13:49

Tgt Ion:330 Resp: 121316
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 115.0
 141 40.1 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

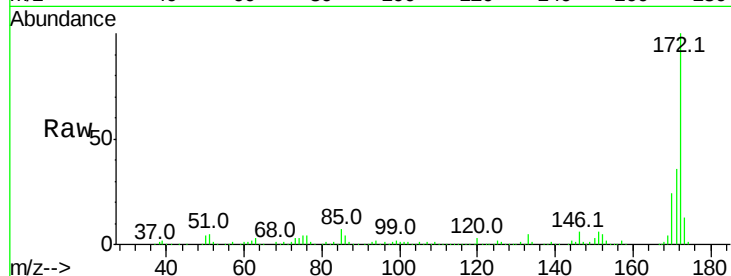




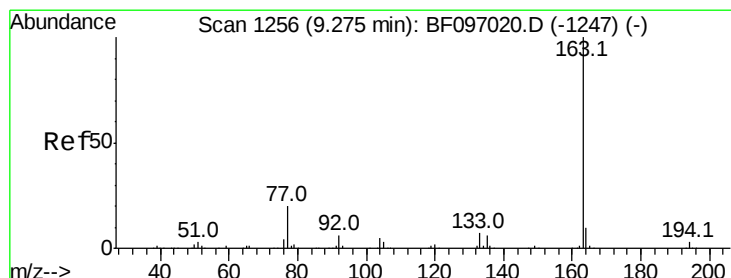
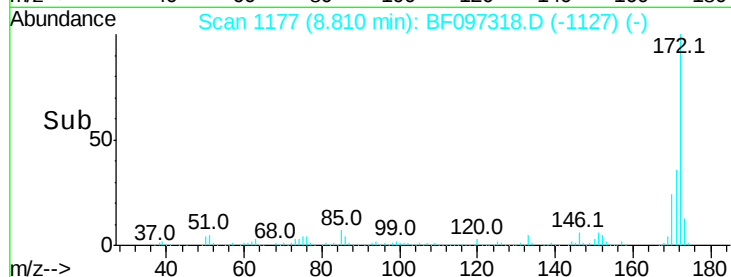
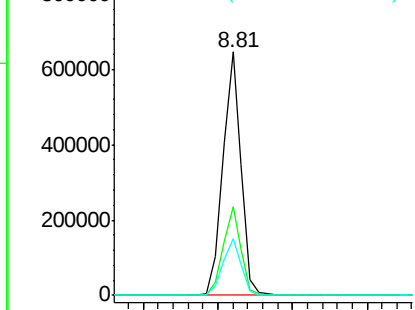
#44
2-Fluorobiphenyl
Concen: 52.496 ng
RT: 8.81 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF097318.D
Acq: 3 Aug 2017 13:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 555640
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 23.5 19.8 29.8

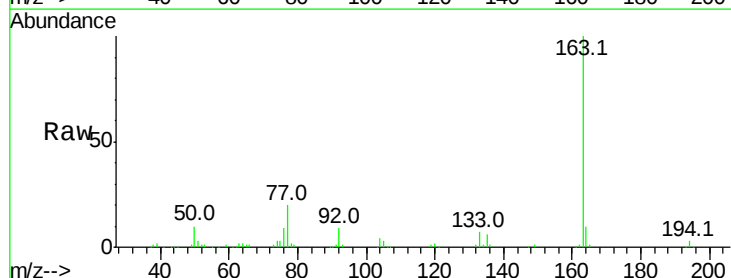


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

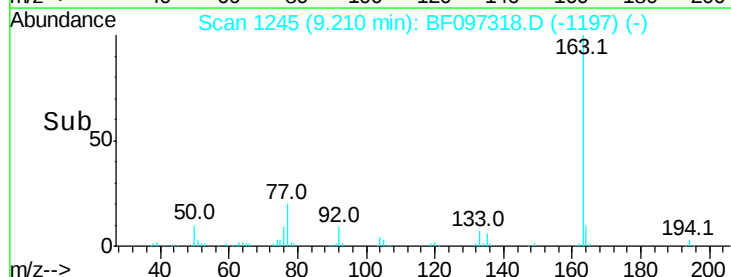
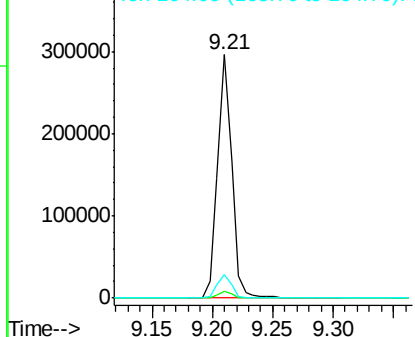


#49
Dimethylphthalate
Concen: 17.458 ng
RT: 9.21 min Scan# 1245
Delta R.T. -0.02 min
Lab File: BF097318.D
Acq: 3 Aug 2017 13:49

Tgt Ion:163 Resp: 238140
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

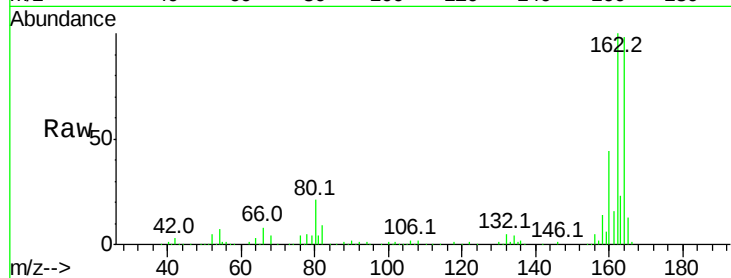




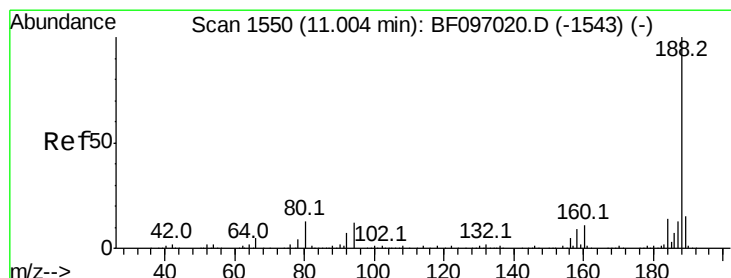
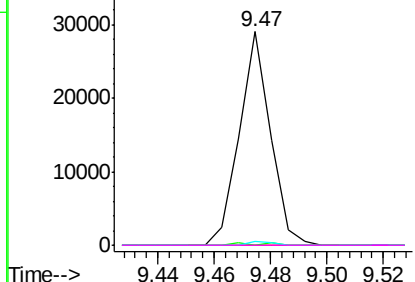
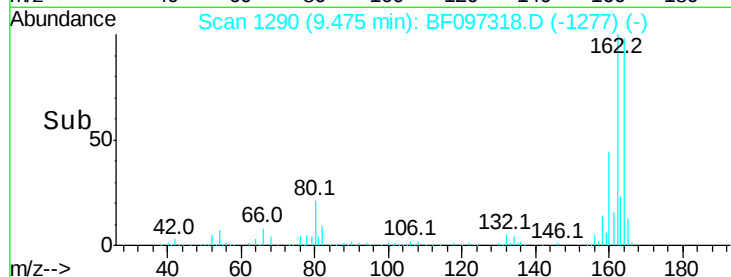
#56
 2,4-Dinitrotoluene
 Concen: 6.694 ng
 RT: 9.47 min Scan# 1290
 Delta R.T. -0.22 min
 Lab File: BF097318.D
 Acq: 3 Aug 2017 13:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 22263
 Ion Ratio Lower Upper
 165 100
 63 0.0 25.4 38.0#
 89 1.8 46.4 69.6#
 182 0.0 1.8 2.6#

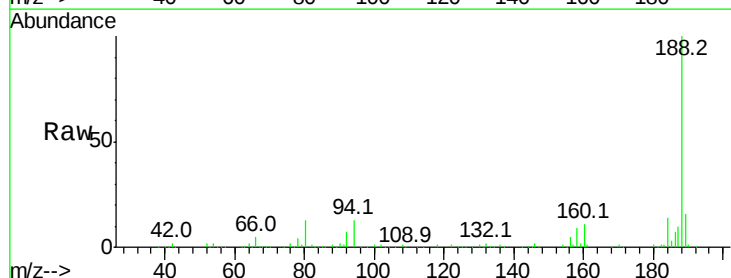


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

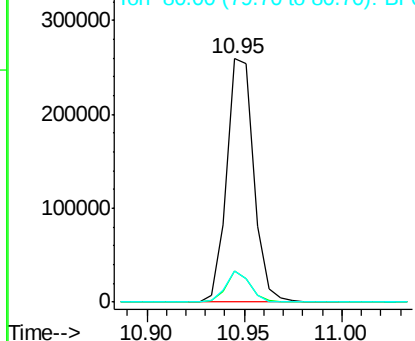
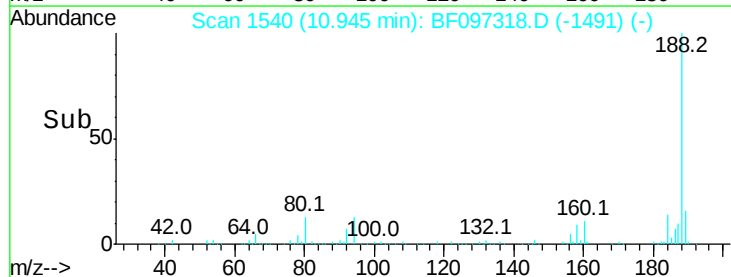


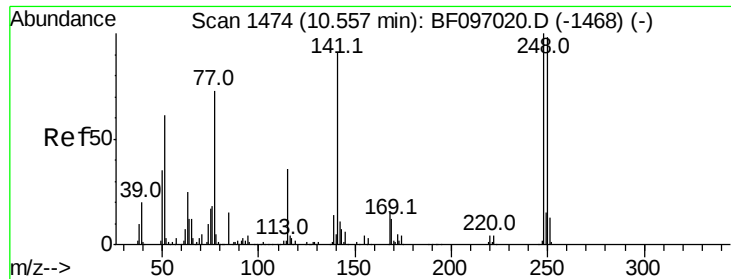
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 10.95 min Scan# 1540
 Delta R.T. -0.01 min
 Lab File: BF097318.D
 Acq: 3 Aug 2017 13:49

Tgt Ion:188 Resp: 249194
 Ion Ratio Lower Upper
 188 100
 94 12.6 9.4 14.2
 80 13.0 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

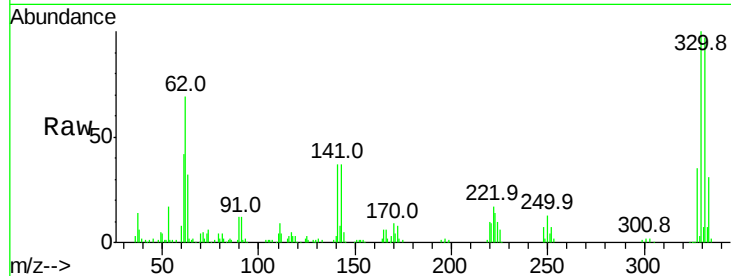




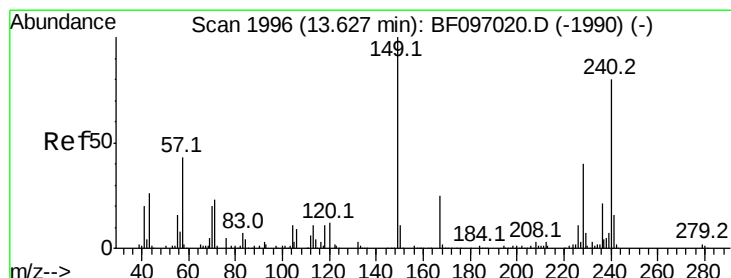
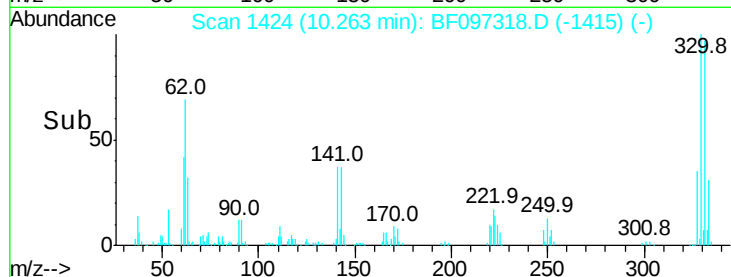
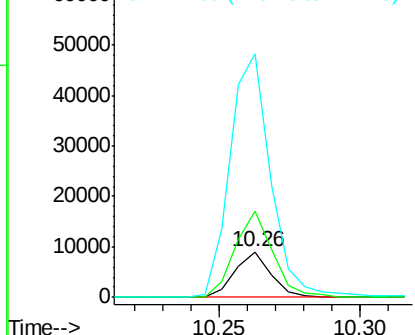
#66
 4-Bromophenyl-phenylether
 Concen: 3.229 ng
 RT: 10.26 min Scan# 1424
 Delta R.T. -0.25 min
 Lab File: BF097318.D
 Acq: 3 Aug 2017 13:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 8030
 Ion Ratio Lower Upper
 248 100
 250 189.6 76.8 115.2#
 141 533.2 68.6 103.0#

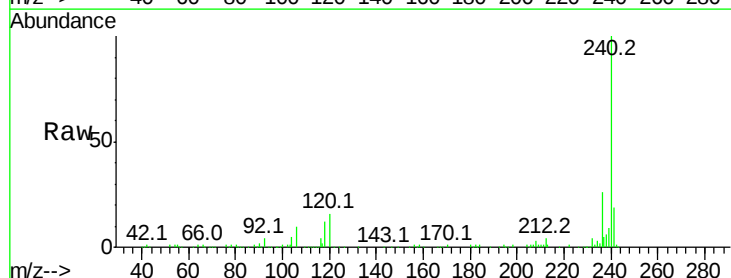


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

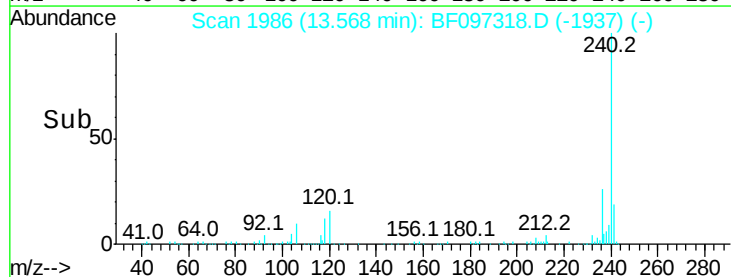
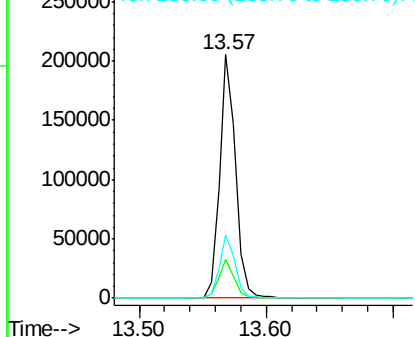


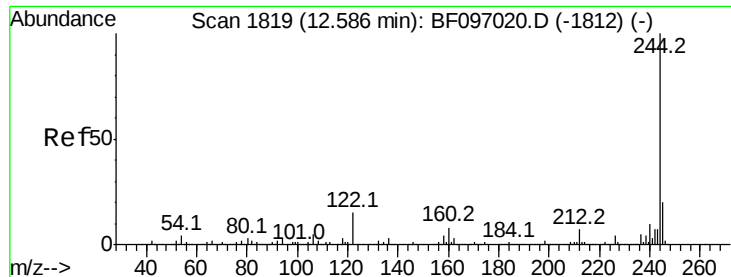
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.57 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: BF097318.D
 Acq: 3 Aug 2017 13:49

Tgt Ion:240 Resp: 181538
 Ion Ratio Lower Upper
 240 100
 120 15.9 5.8 8.8#
 236 26.0 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: 30.828 ng

RT: 12.53 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF097318.D

Acq: 3 Aug 2017 13:49

Instrument :

BNA_F

ClientSampleId :

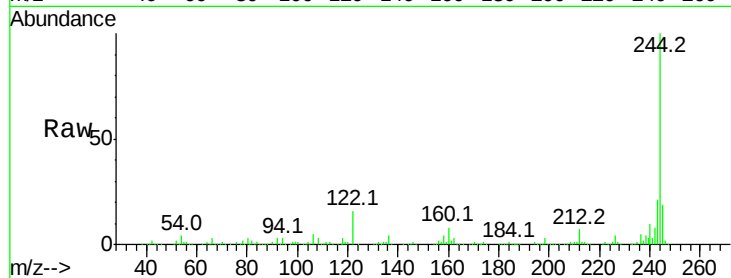
Tot Ion:244 Resp: 274491

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

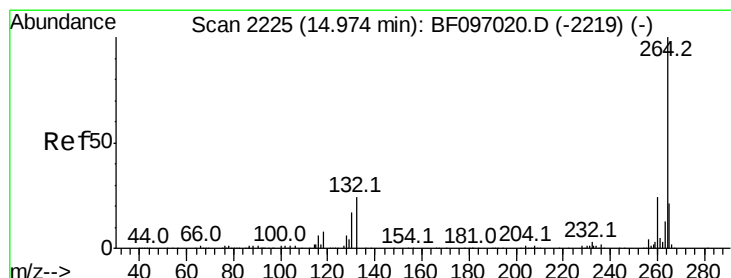
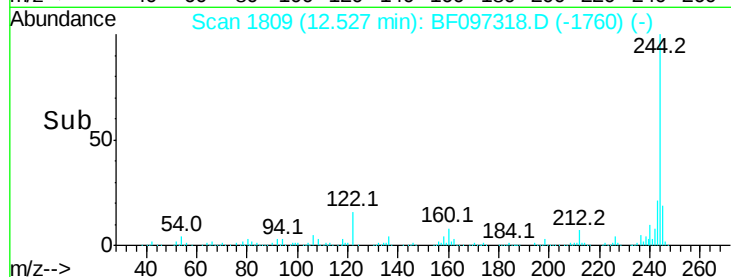
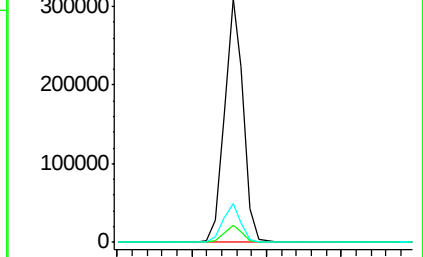
122 16.1 10.3 15.5#



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. 0.00 min

Lab File: BF097318.D

Acq: 3 Aug 2017 13:49

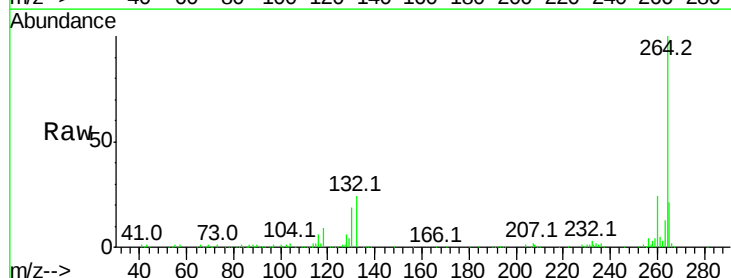
Tgt Ion:264 Resp: 172659

Ion Ratio Lower Upper

264 100

260 24.1 19.5 29.3

265 20.8 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

