

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
 Data File : BF097272.D
 Acq On : 2 Aug 2017 14:42
 Operator : SJ/JU
 Sample : I4497-09
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 02 15:15:03 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 11:39:11 2017
 Response via : Initial Calibration

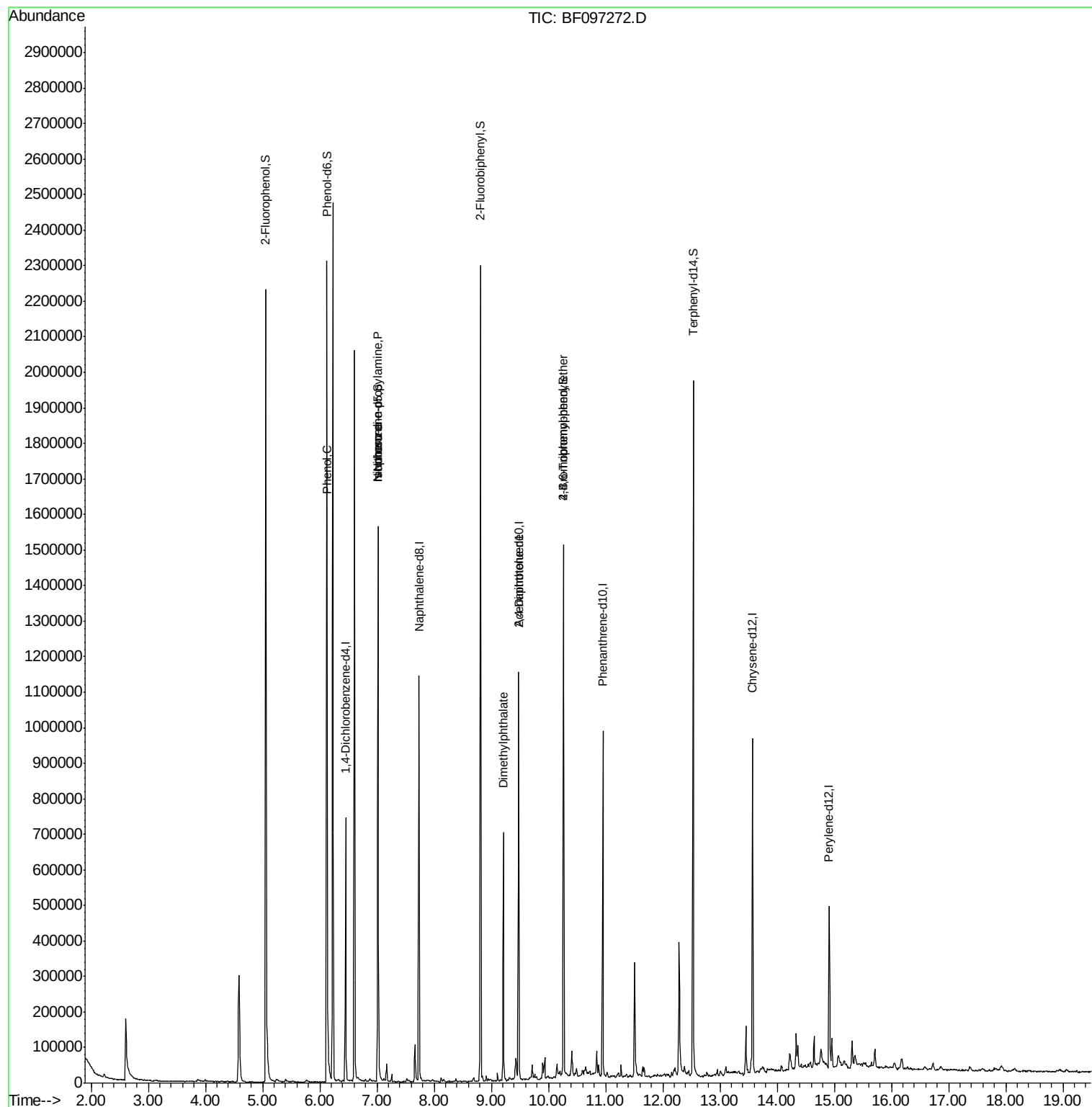
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.45	152	113045	20.00	ng	-0.01
21) Naphthalene-d8	7.73	136	499092	20.00	ng	-0.02
38) Acenaphthene-d10	9.47	164	212772	20.00	ng	-0.02
63) Phenanthrene-d10	10.95	188	349869	20.00	ng	-0.02
75) Chrysene-d12	13.57	240	295578	20.00	ng	-0.02
86) Perylene-d12	14.92	264	189183	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	708764	94.52	ng	-0.01
7) Phenol-d6	6.12	99	817450	95.49	ng	-0.02
23) Nitrobenzene-d5	7.02	82	496511	58.36	ng	-0.02
41) 2,4,6-Tribromophenol	10.26	330	163791	97.43	ng	-0.02
44) 2-Fluorobiphenyl	8.81	172	711279	56.73	ng	-0.02
78) Terphenyl-d14	12.53	244	605630	41.78	ng	-0.02
Target Compounds						
10) Phenol	6.13	94	35843	3.530	ng	97
19) n-Nitroso-di-n-propylamine	7.02	70	66245	11.756	ng	# 88
25) Isophorone	7.02	82	493073	29.594	ng	# 67
49) Dimethylphthalate	9.21	163	253028	15.660	ng	98
56) 2,4-Dinitrotoluene	9.47	165	27449	6.968	ng	# 33
66) 4-Bromophenyl-phenylether	10.26	248	10713	3.068	ng	# 1

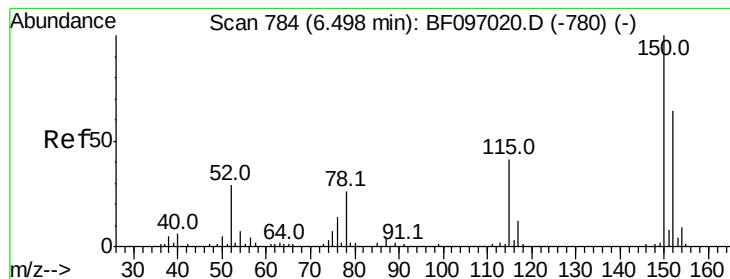
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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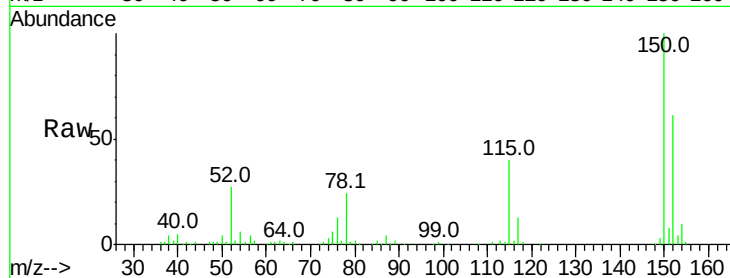


#1

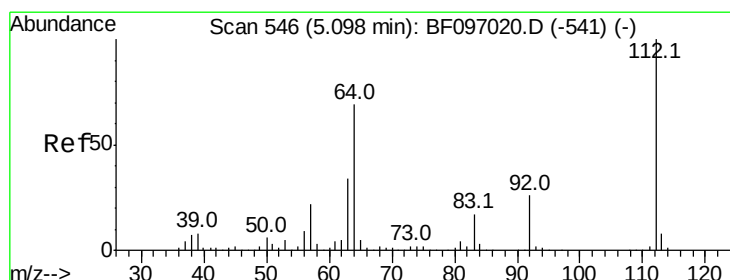
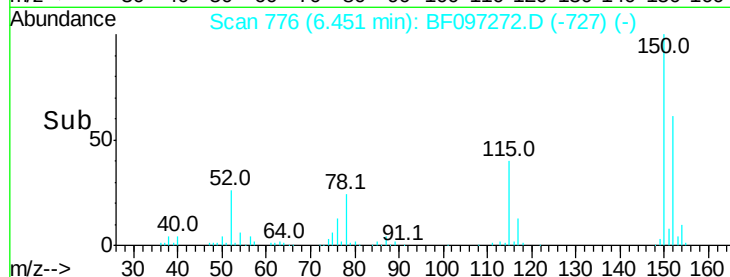
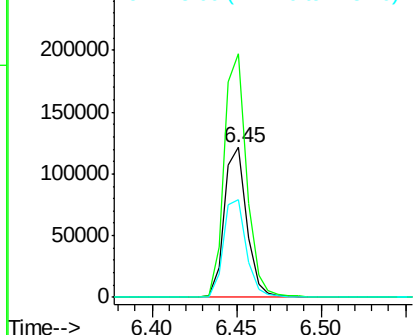
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.45 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF097272.D
Acq: 2 Aug 2017 14:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 113045
Ion Ratio Lower Upper
152 100
150 162.6 126.2 189.2
115 64.9 52.2 78.2



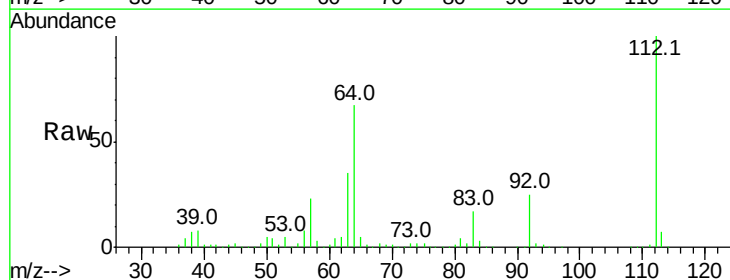
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



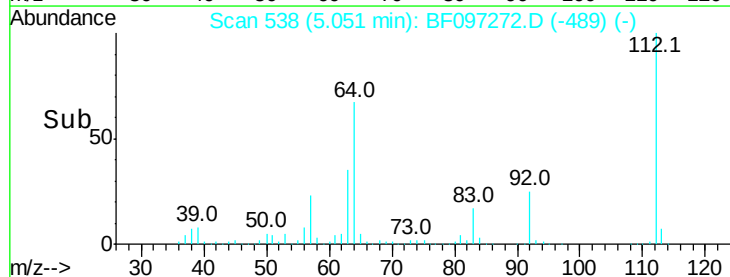
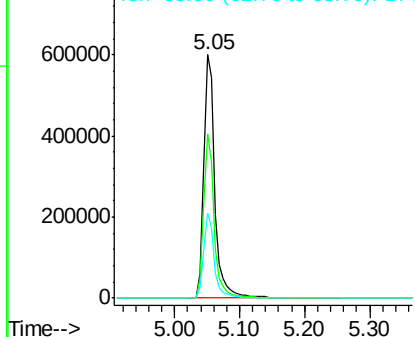
#5

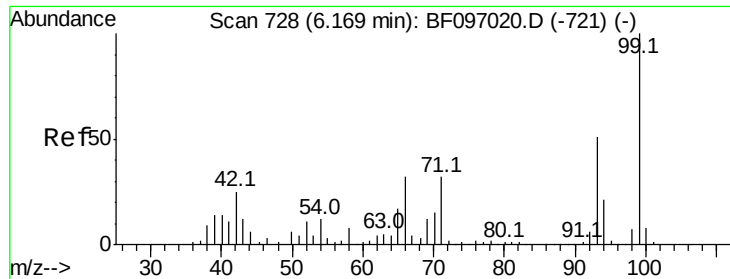
2-Fluorophenol
Concen: 94.516 ng
RT: 5.05 min Scan# 538
Delta R.T. -0.01 min
Lab File: BF097272.D
Acq: 2 Aug 2017 14:42

Tgt Ion:112 Resp: 708764
Ion Ratio Lower Upper
112 100
64 67.4 46.0 69.0
63 34.7 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: 95.487 ng

RT: 6.12 min Scan# 720

Delta R.T. -0.02 min

Lab File: BF097272.D

Acq: 2 Aug 2017 14:42

Instrument :

BNA_F

ClientSampleId :

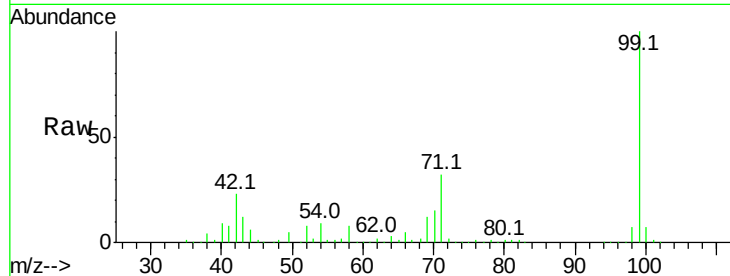
Tot Ion: 99 Resp: 817450

Ion Ratio Lower Upper

99 100

42 23.1 13.5 20.3#

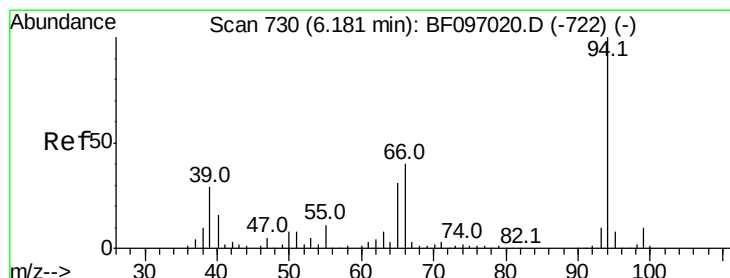
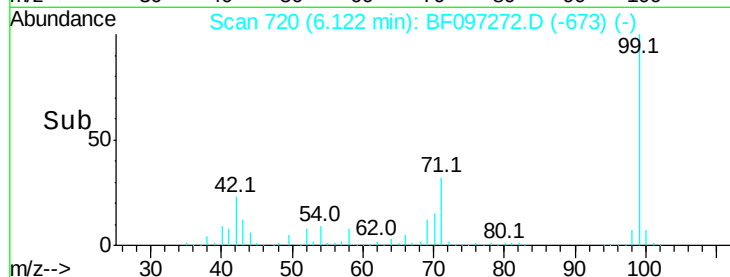
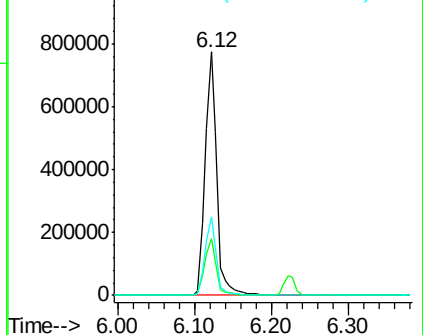
71 32.2 24.5 36.7



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: 3.530 ng

RT: 6.13 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF097272.D

Acq: 2 Aug 2017 14:42

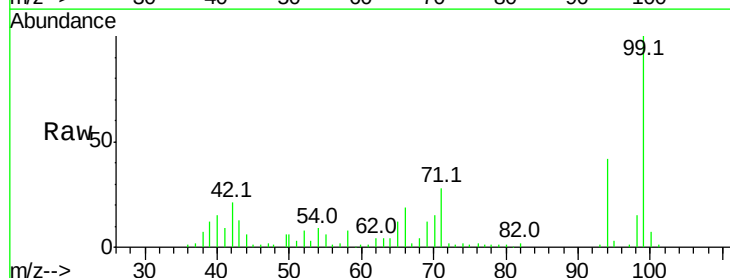
Tgt Ion: 94 Resp: 35843

Ion Ratio Lower Upper

94 100

65 28.4 9.9 49.9

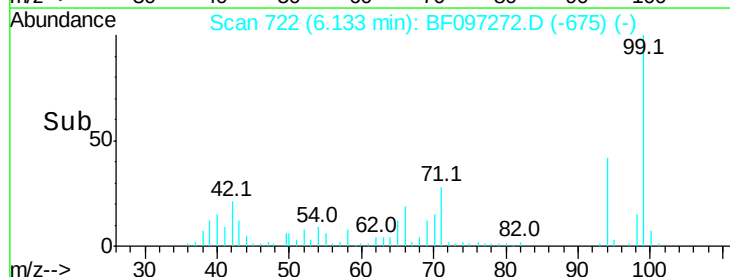
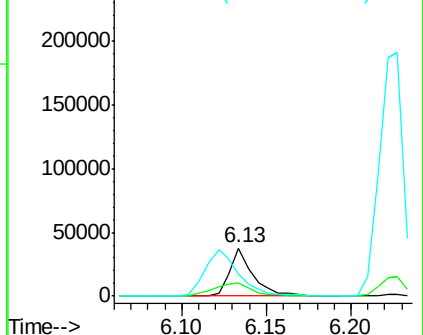
66 45.2 23.1 63.1

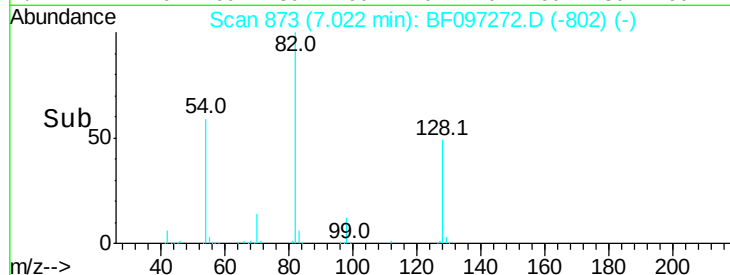
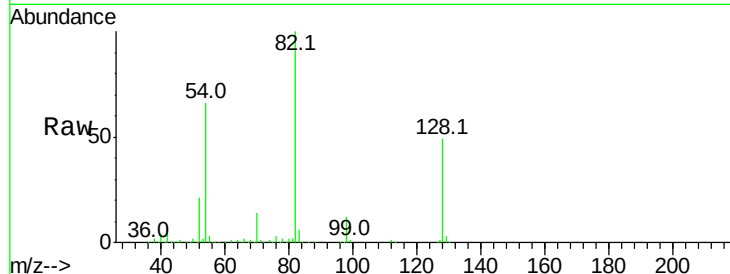
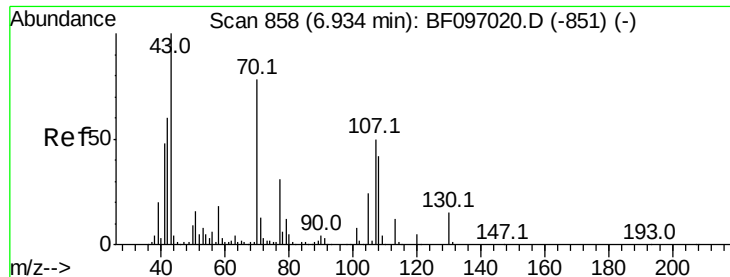


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

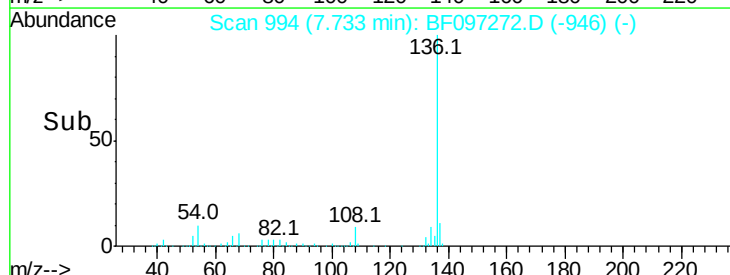
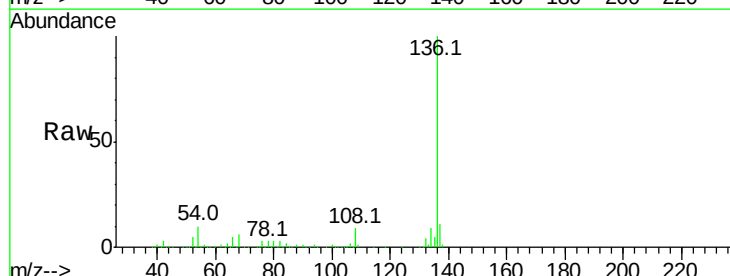
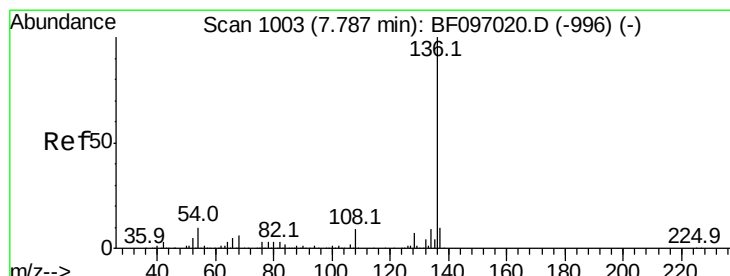
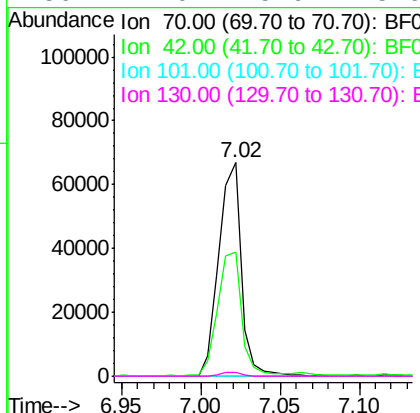




#19
n-Nitroso-di-n-propylamine
Concen: 11.756 ng
RT: 7.02 min Scan# 873
Delta R.T. 0.12 min
Lab File: BF097272.D
Acq: 2 Aug 2017 14:42

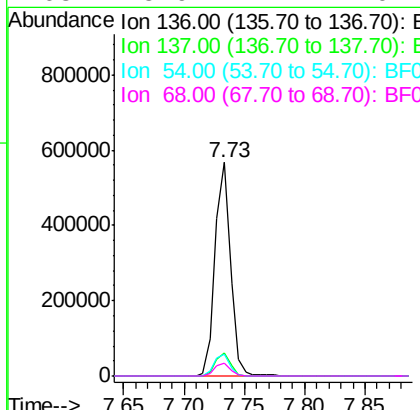
Instrument :
BNA_F
ClientSampled :

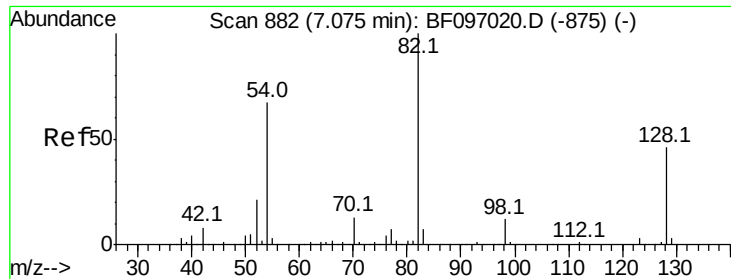
Tot Ion: 70 Resp: 66245
Ion Ratio Lower Upper
70 100
42 58.4 47.2 70.8
101 0.0 7.2 10.8#
130 2.0 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.73 min Scan# 994
Delta R.T. -0.02 min
Lab File: BF097272.D
Acq: 2 Aug 2017 14:42

Tgt Ion: 136 Resp: 499092
Ion Ratio Lower Upper
136 100
137 10.6 8.5 12.7
54 10.3 4.9 7.3#
68 5.9 4.1 6.1

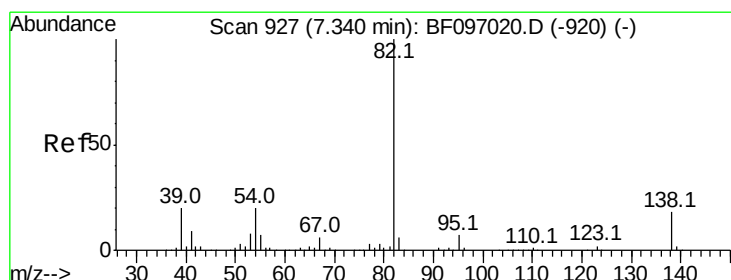
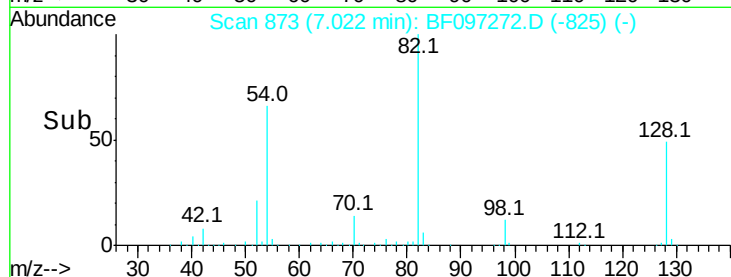
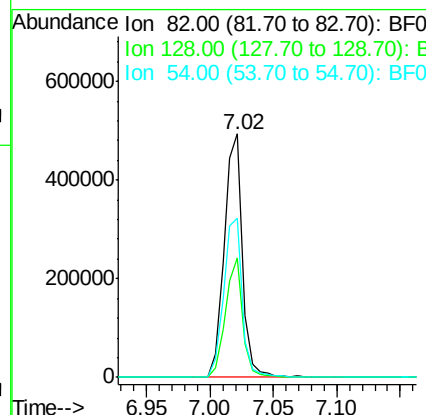
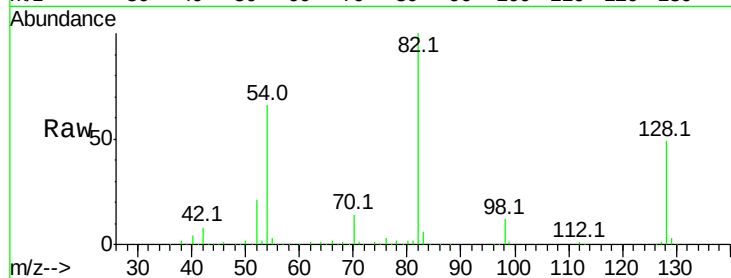




#23
 Nitrobenzene-d5
 Concen: 58.361 ng
 RT: 7.02 min Scan# 873
 Delta R.T. -0.02 min
 Lab File: BF097272.D
 Acq: 2 Aug 2017 14:42

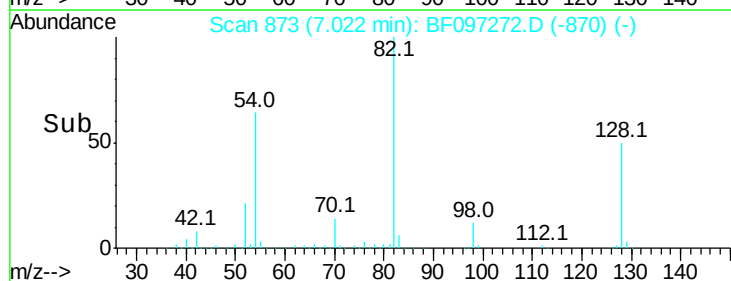
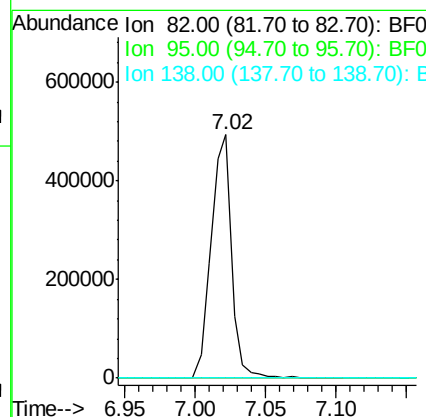
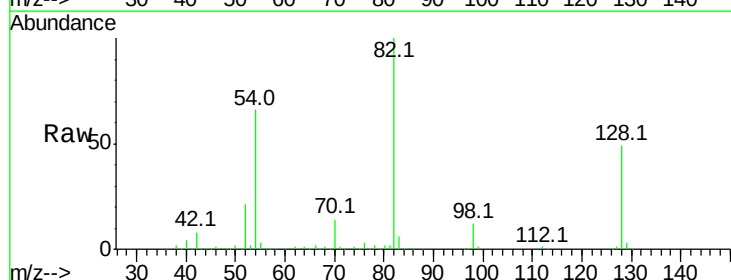
Instrument :
 BNA_F
 ClientSampleId :

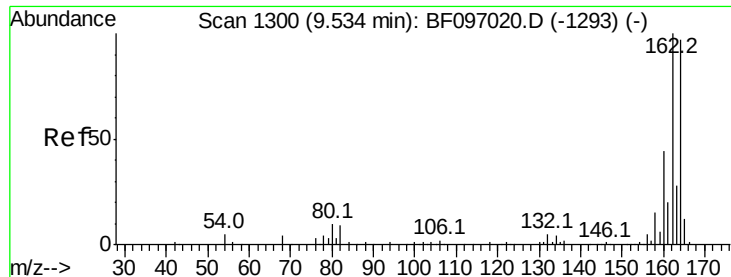
Tot Ion: 82 Resp: 496511
 Ion Ratio Lower Upper
 82 100
 128 49.1 34.0 51.0
 54 65.6 42.2 63.2#



#25
 Isophorone
 Concen: 29.594 ng
 RT: 7.02 min Scan# 873
 Delta R.T. -0.28 min
 Lab File: BF097272.D
 Acq: 2 Aug 2017 14:42

Tgt Ion: 82 Resp: 493073
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 13.1 19.7#

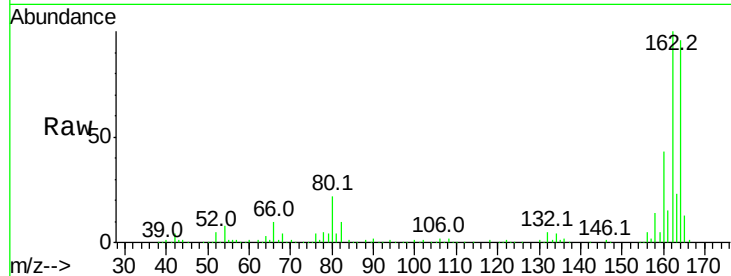




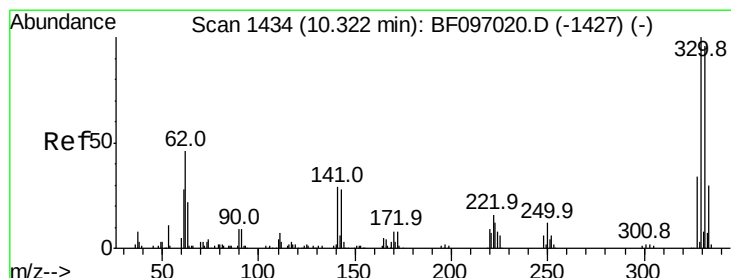
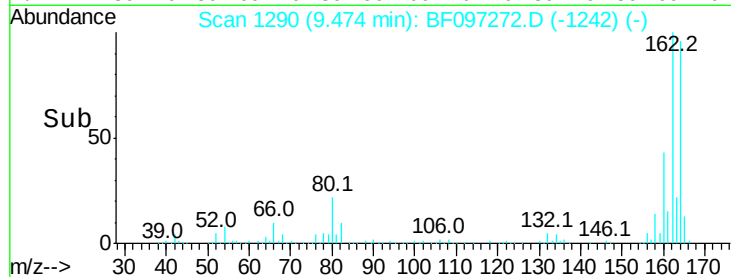
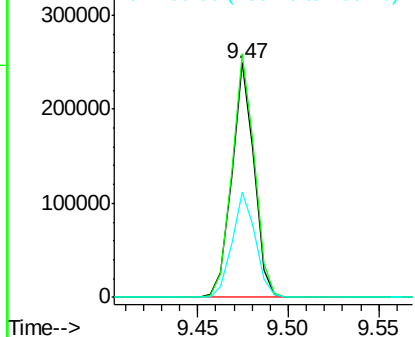
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.47 min Scan# 1290
 Delta R.T. -0.02 min
 Lab File: BF097272.D
 Acq: 2 Aug 2017 14:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 212772
 Ion Ratio Lower Upper
 164 100
 162 103.9 82.6 123.8
 160 45.2 36.2 54.2

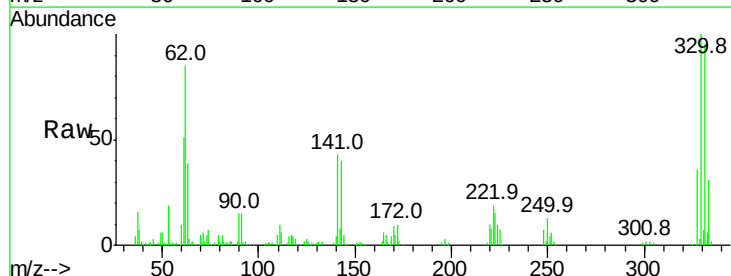


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

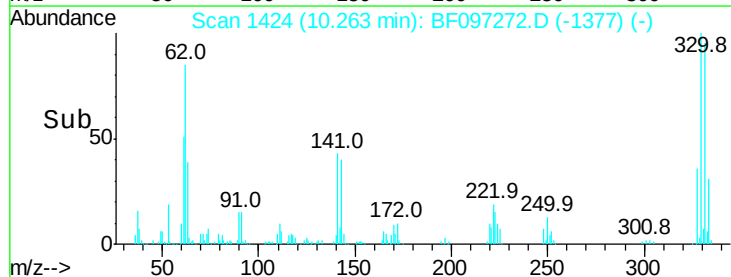
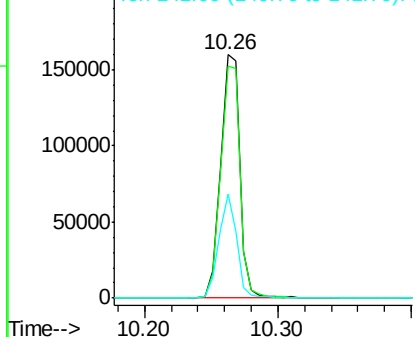


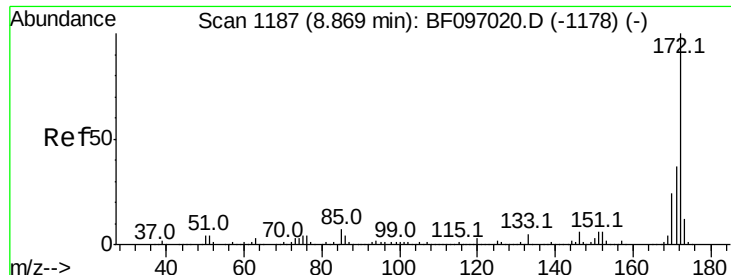
#41
 2,4,6-Tribromophenol
 Concen: 97.431 ng
 RT: 10.26 min Scan# 1424
 Delta R.T. -0.02 min
 Lab File: BF097272.D
 Acq: 2 Aug 2017 14:42

Tgt Ion:330 Resp: 163791
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 115.0
 141 39.5 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

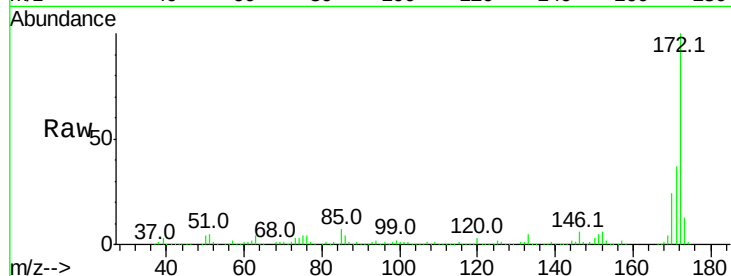




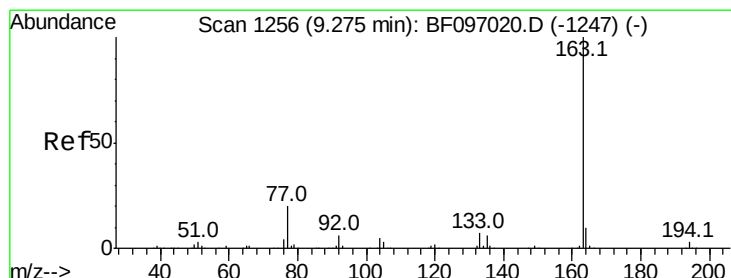
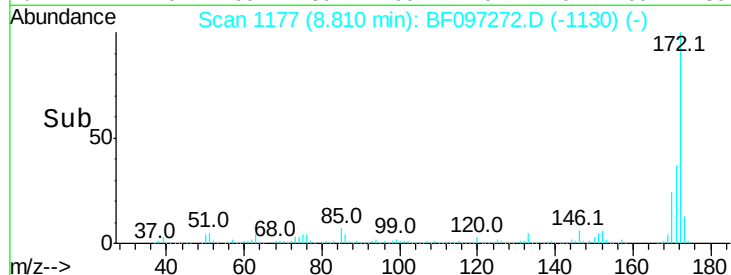
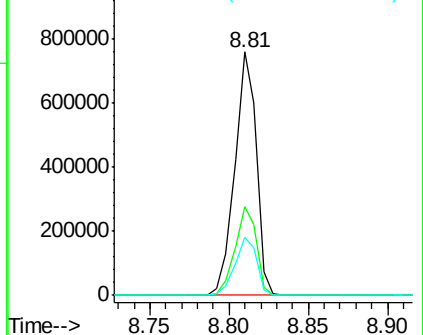
#44
2-Fluorobiphenyl
Concen: 56.733 ng
RT: 8.81 min Scan# 1177
Delta R.T. -0.02 min
Lab File: BF097272.D
Acq: 2 Aug 2017 14:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 711279
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 24.0 19.8 29.8

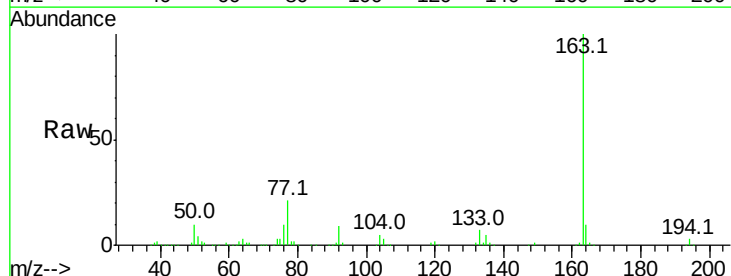


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

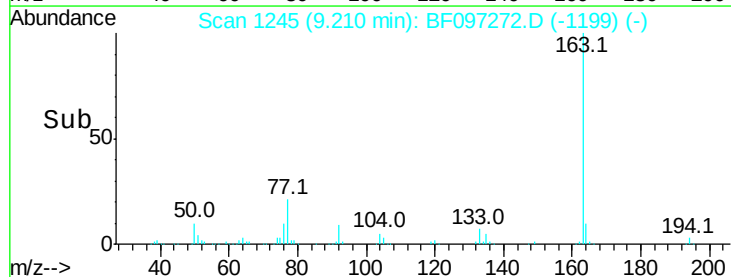
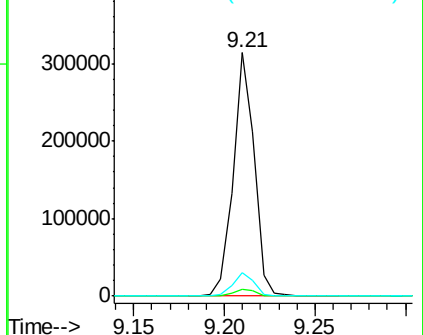


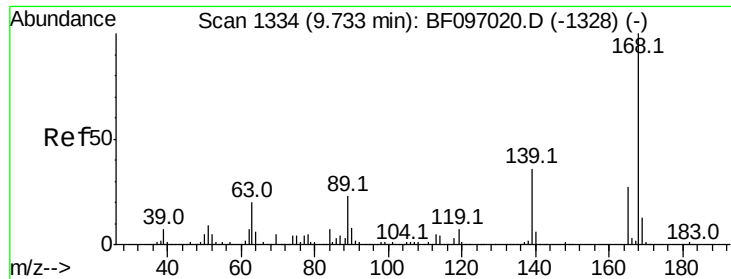
#49
Dimethylphthalate
Concen: 15.660 ng
RT: 9.21 min Scan# 1245
Delta R.T. -0.03 min
Lab File: BF097272.D
Acq: 2 Aug 2017 14:42

Tgt Ion:163 Resp: 253028
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 9.6 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

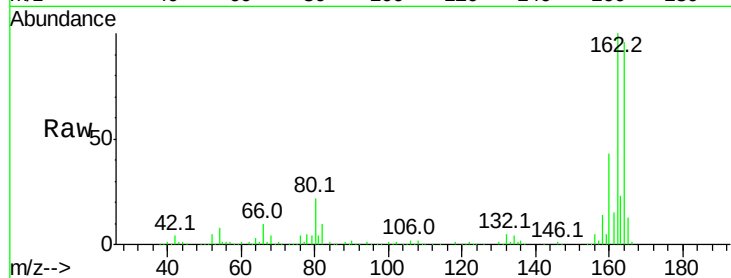




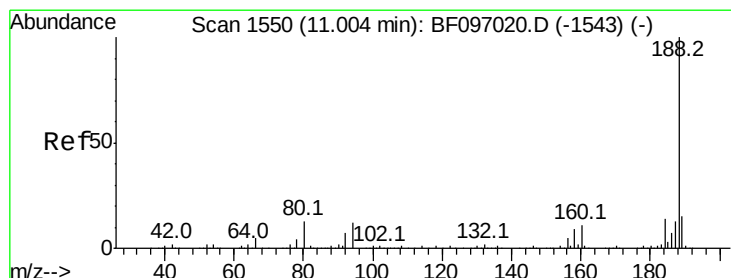
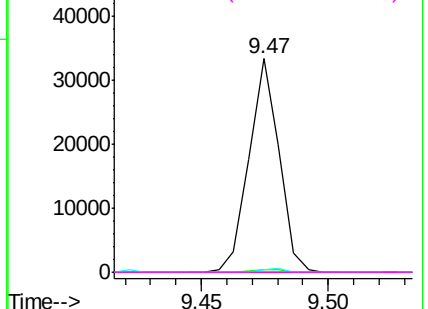
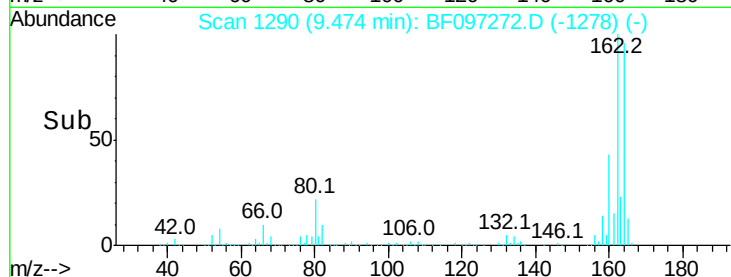
#56
 2,4-Dinitrotoluene
 Concen: 6.968 ng
 RT: 9.47 min Scan# 1290
 Delta R.T. -0.23 min
 Lab File: BF097272.D
 Acq: 2 Aug 2017 14:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 27449
 Ion Ratio Lower Upper
 165 100
 63 1.4 25.4 38.0#
 89 1.1 46.4 69.6#
 182 0.0 1.8 2.6#

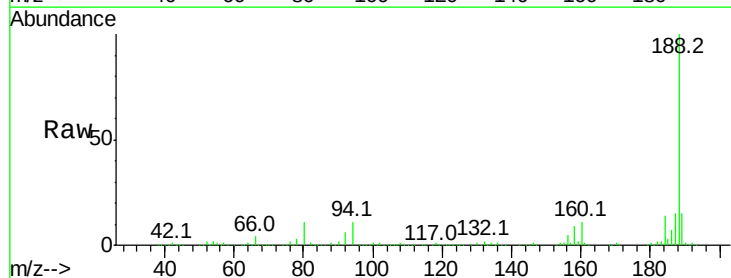


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

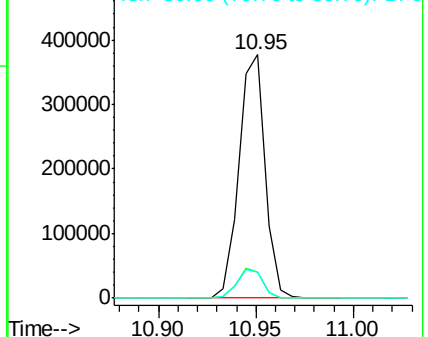
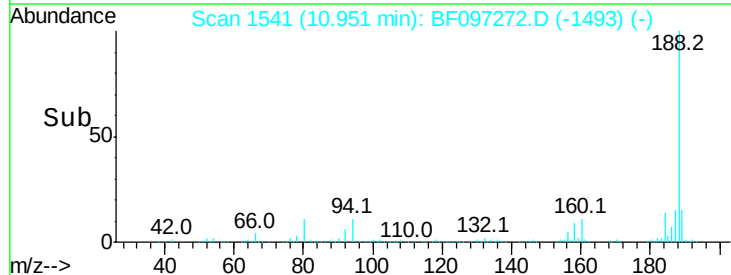


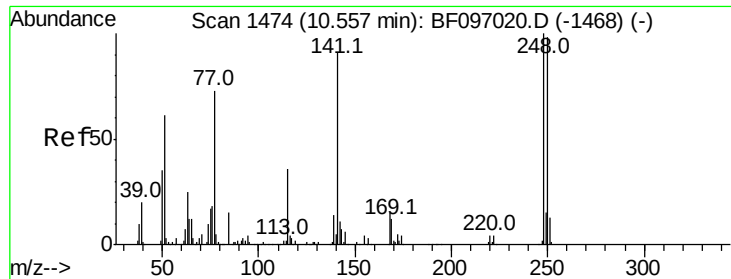
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 10.95 min Scan# 1541
 Delta R.T. -0.02 min
 Lab File: BF097272.D
 Acq: 2 Aug 2017 14:42

Tgt Ion:188 Resp: 349869
 Ion Ratio Lower Upper
 188 100
 94 10.6 9.4 14.2
 80 10.9 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

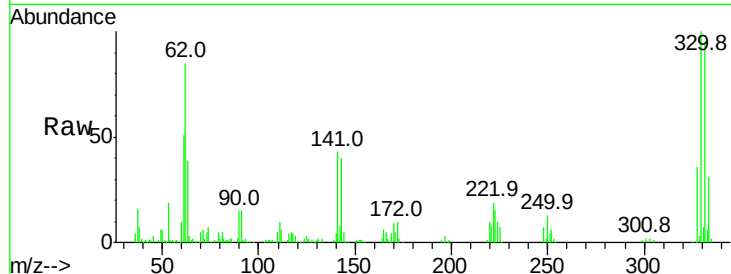




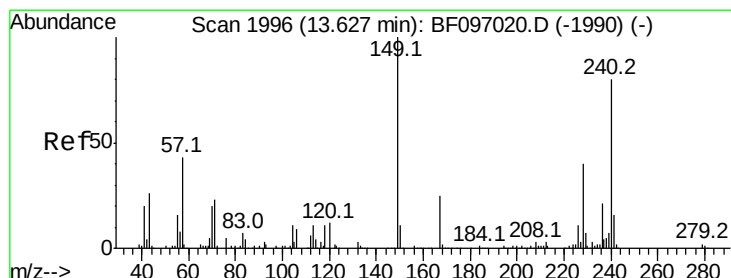
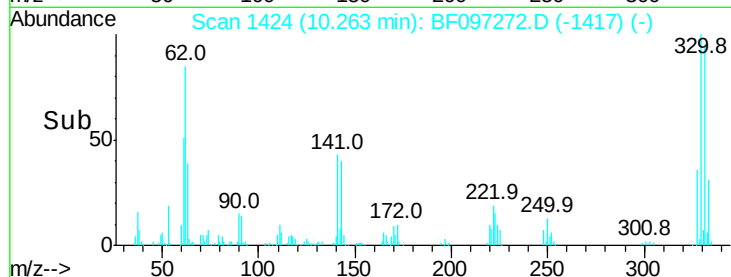
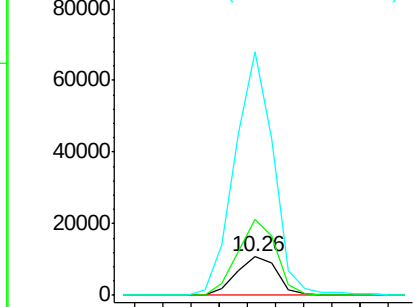
#66
 4-Bromophenyl-phenylether
 Concen: 3.068 ng
 RT: 10.26 min Scan# 1424
 Delta R.T. -0.26 min
 Lab File: BF097272.D
 Acq: 2 Aug 2017 14:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 10713
 Ion Ratio Lower Upper
 248 100
 250 196.6 76.8 115.2#
 141 634.7 68.6 103.0#

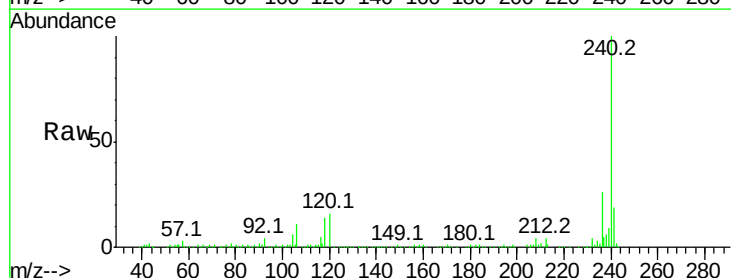


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

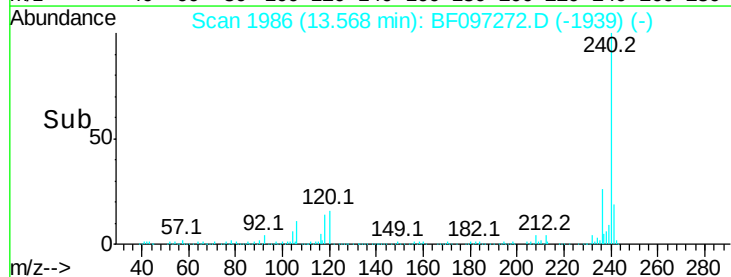
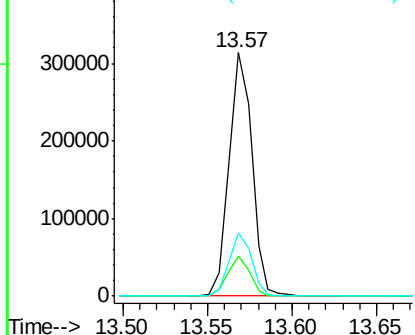


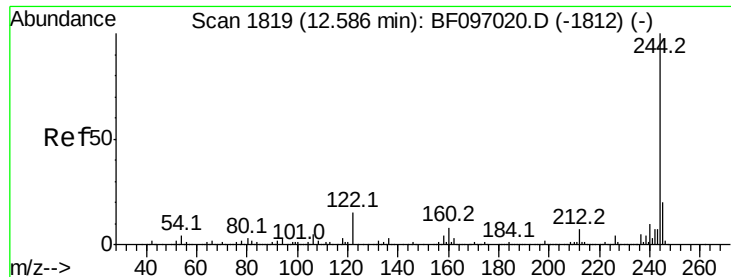
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.57 min Scan# 1986
 Delta R.T. -0.02 min
 Lab File: BF097272.D
 Acq: 2 Aug 2017 14:42

Tgt Ion:240 Resp: 295578
 Ion Ratio Lower Upper
 240 100
 120 16.2 5.8 8.8#
 236 26.1 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: 41.775 ng

RT: 12.53 min Scan# 1810

Delta R.T. -0.02 min

Lab File: BF097272.D

Acq: 2 Aug 2017 14:42

Instrument :

BNA_F

ClientSampleId :

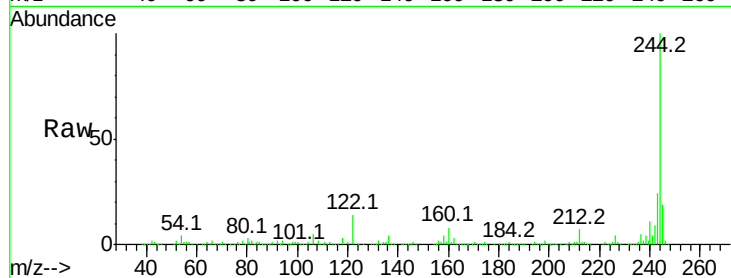
Tot Ion:244 Resp: 605630

Ion Ratio Lower Upper

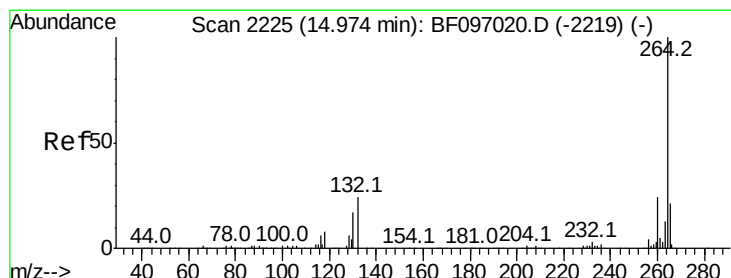
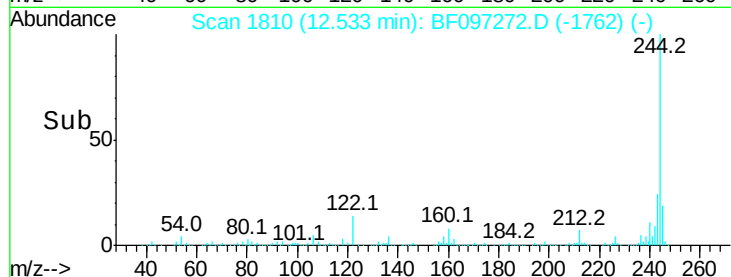
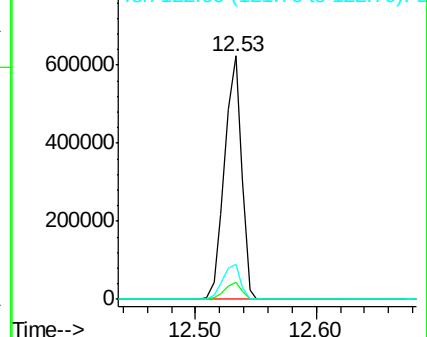
244 100

212 6.8 6.0 9.0

122 14.4 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. -0.02 min

Lab File: BF097272.D

Acq: 2 Aug 2017 14:42

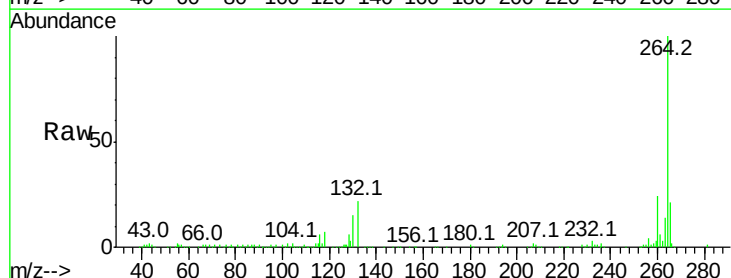
Tgt Ion:264 Resp: 189183

Ion Ratio Lower Upper

264 100

260 23.5 19.5 29.3

265 20.9 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

