

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072717\
 Data File : BF097138.D
 Acq On : 27 Jul 2017 22:33
 Operator : SJ/JU
 Sample : I4424-07 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-072417-C

Quant Time: Jul 28 00:46:00 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

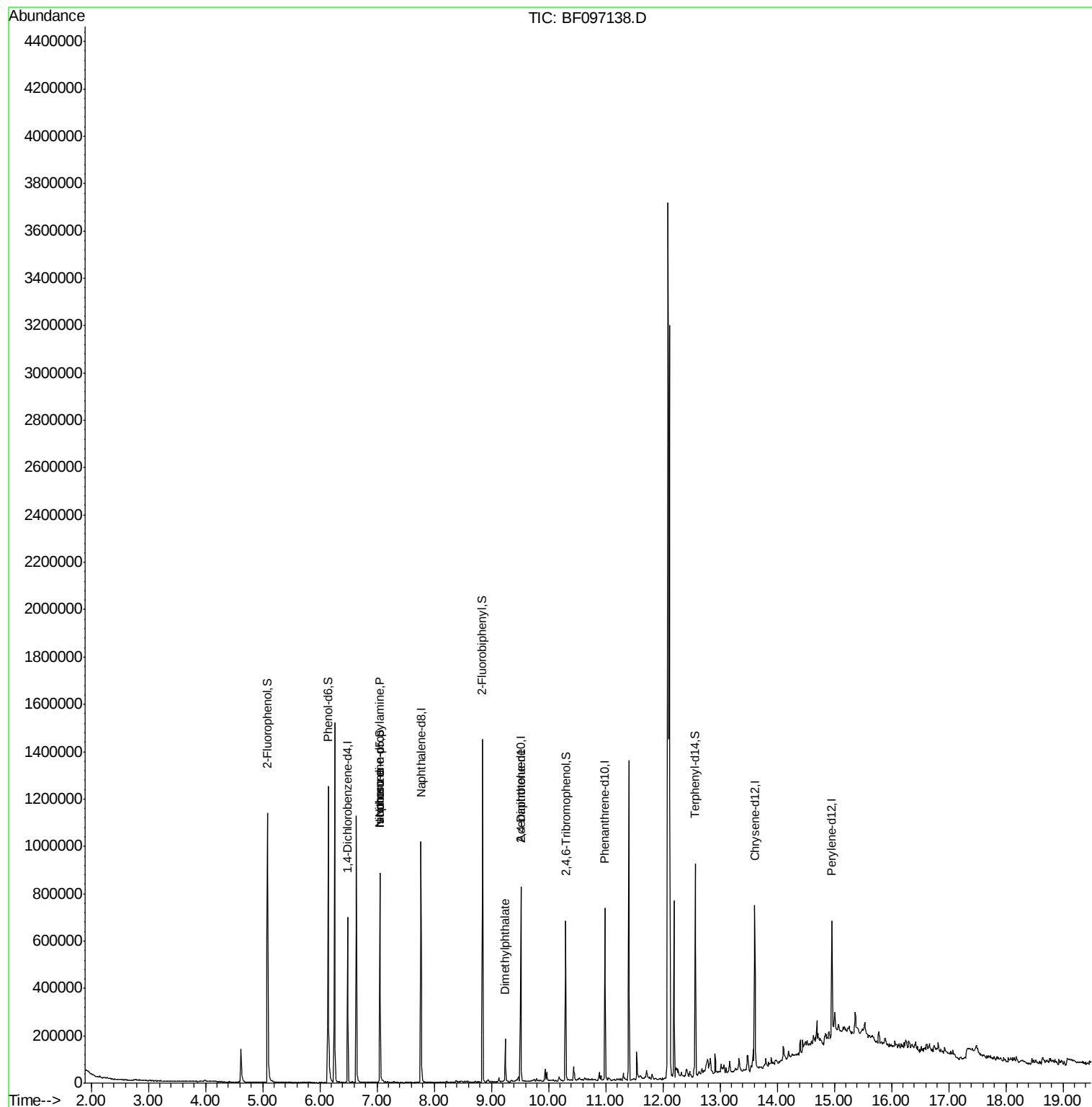
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	102793	20.00	ng	-0.01
21) Naphthalene-d8	7.77	136	418255	20.00	ng	-0.02
38) Acenaphthene-d10	9.51	164	169666	20.00	ng	-0.02
63) Phenanthrene-d10	10.99	188	240162	20.00	ng	-0.02
75) Chrysene-d12	13.61	240	213016	20.00	ng	-0.02
86) Perylene-d12	14.96	264	192879	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	342843	50.28	ng	-0.02
7) Phenol-d6	6.15	99	414690	53.27	ng	-0.02
23) Nitrobenzene-d5	7.05	82	250319	35.11	ng	-0.02
41) 2,4,6-Tribromophenol	10.30	330	66012	49.24	ng	-0.02
44) 2-Fluorobiphenyl	8.85	172	415415	41.55	ng	-0.02
78) Terphenyl-d14	12.57	244	242249	23.19	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.05	70	33148	6.47	ng	# 87
25) Isophorone	7.05	82	246853	17.68	ng	# 67
49) Dimethylphthalate	9.25	163	61588	4.78	ng	98
56) 2,4-Dinitrotoluene	9.51	165	21775	6.93	ng	# 32

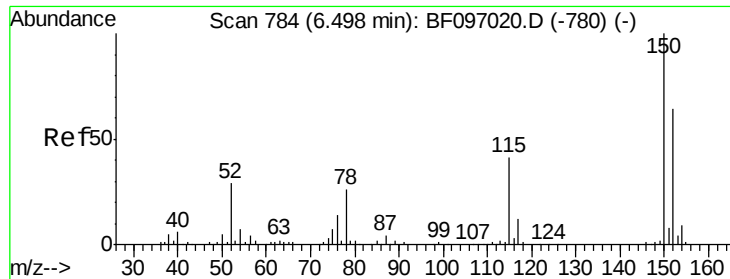
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.49 min Scan# 782

Delta R.T. -0.01 min

Lab File: BF097138.D

Acq: 27 Jul 2017 22:33

Instrument :

BNA_F

ClientSampleId :

AU-06-072417-C

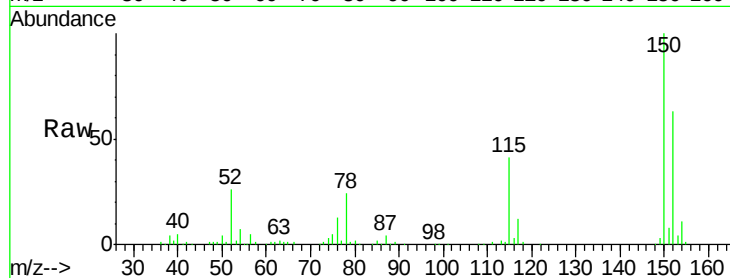
Tot Ion:152 Resp: 102793

Ion Ratio Lower Upper

152 100

150 159.4 126.2 189.2

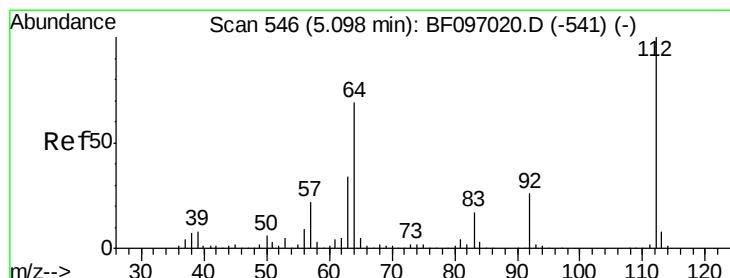
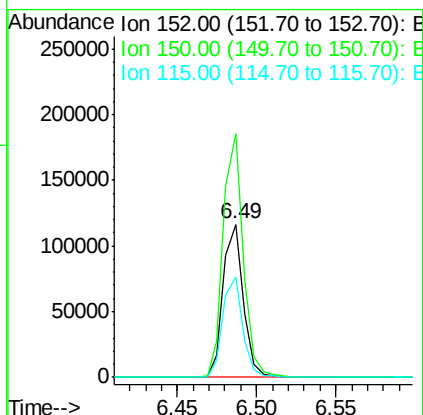
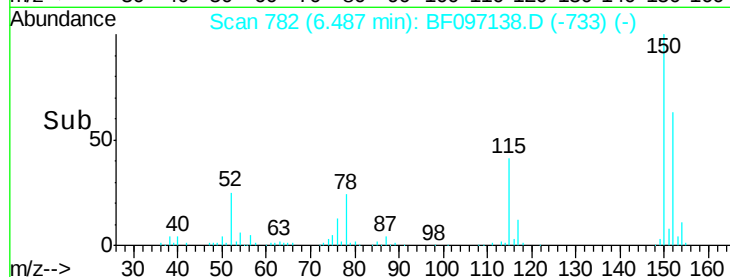
115 65.3 52.2 78.2



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: 50.28 ng

RT: 5.08 min Scan# 543

Delta R.T. -0.02 min

Lab File: BF097138.D

Acq: 27 Jul 2017 22:33

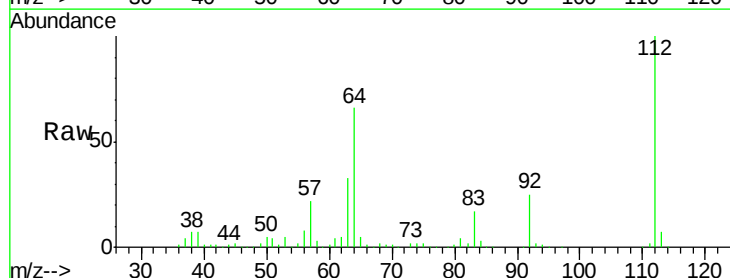
Tgt Ion:112 Resp: 342843

Ion Ratio Lower Upper

112 100

64 65.6 46.0 69.0

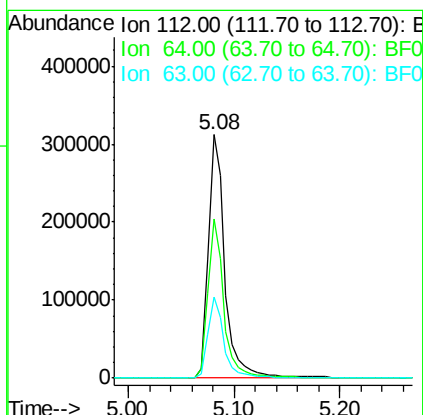
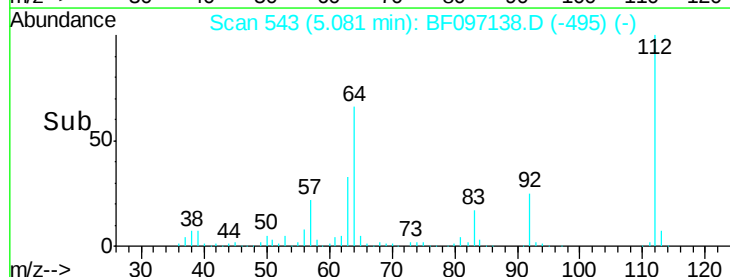
63 33.1 23.4 35.0

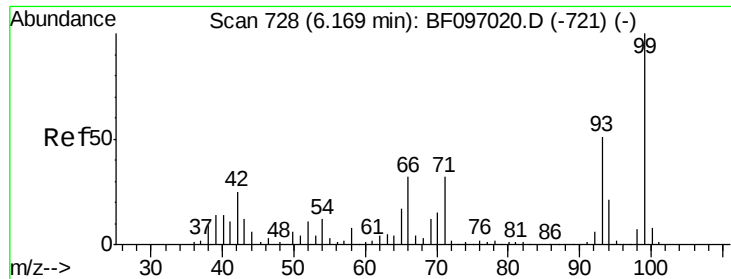


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 53.27 ng

RT: 6.15 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF097138.D

Acq: 27 Jul 2017 22:33

Instrument :

BNA_F

ClientSampleId :

AU-06-072417-C

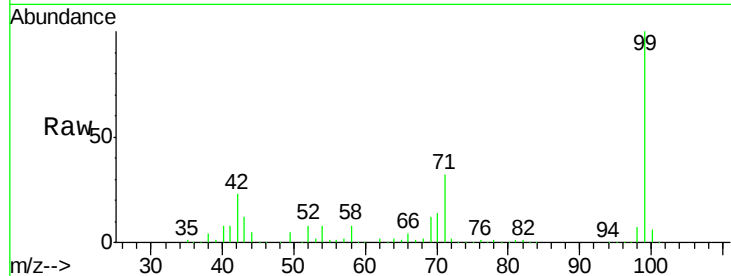
Tot Ion: 99 Resp: 414690

Ion Ratio Lower Upper

99 100

42 22.8 13.5 20.3#

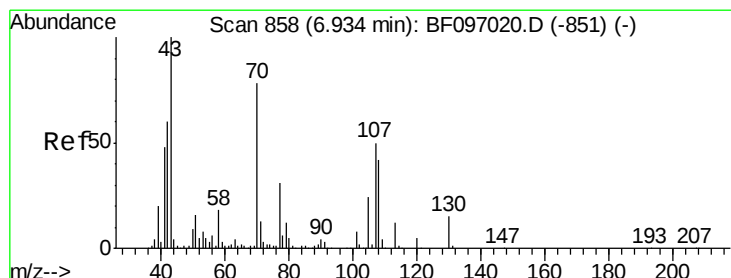
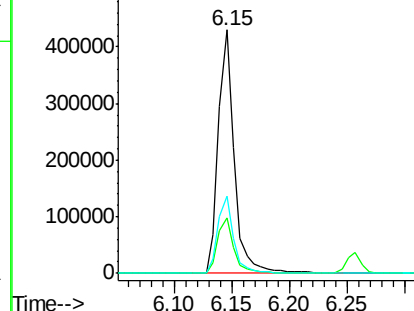
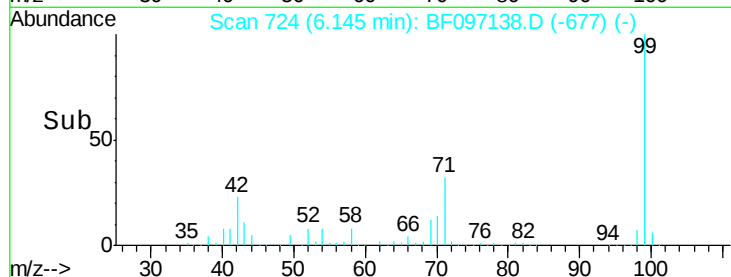
71 31.5 24.5 36.7



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: 6.47 ng

RT: 7.05 min Scan# 878

Delta R.T. 0.12 min

Lab File: BF097138.D

Acq: 27 Jul 2017 22:33

Tgt Ion: 70 Resp: 33148

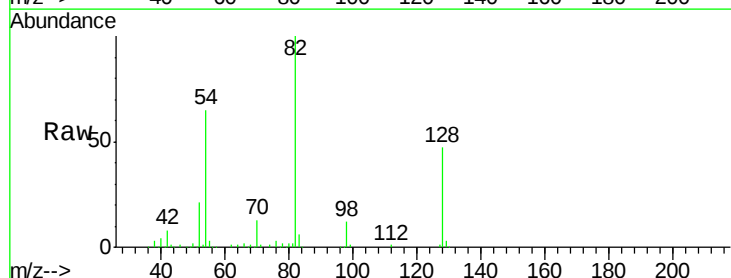
Ion Ratio Lower Upper

70 100

42 61.2 47.2 70.8

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#

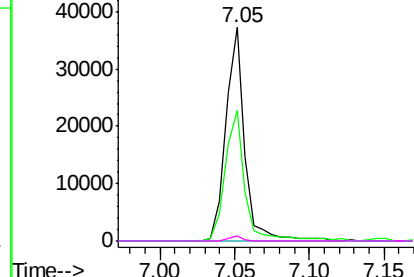
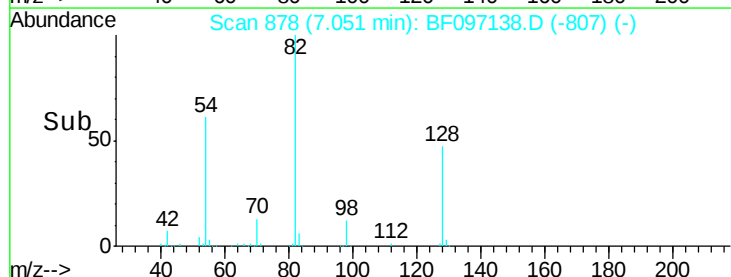


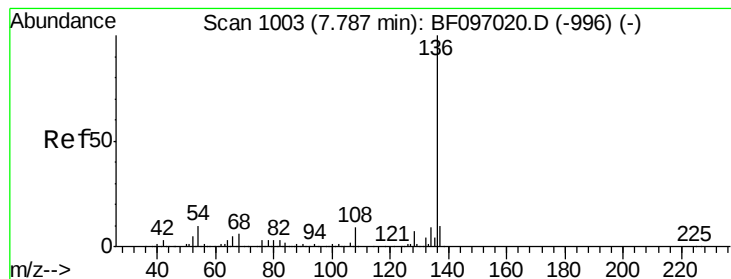
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 20.00 ng

RT: 7.77 min Scan# 1000

Delta R.T. -0.02 min

Lab File: BF097138.D

Acq: 27 Jul 2017 22:33

Instrument :

BNA_F

ClientSampleId :

AU-06-072417-C

Tot Ion:136 Resp: 418255

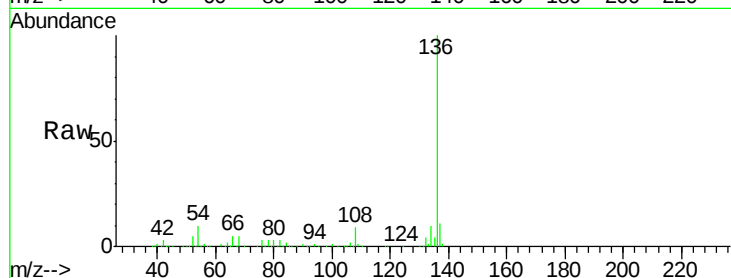
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 9.9 4.9 7.3#

68 4.7 4.1 6.1

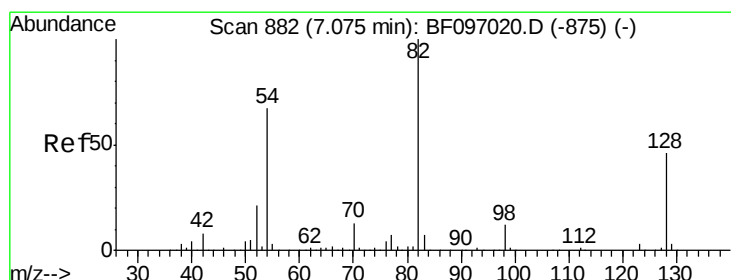
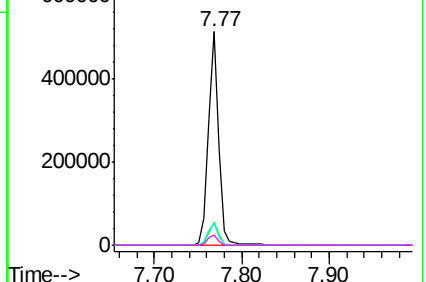
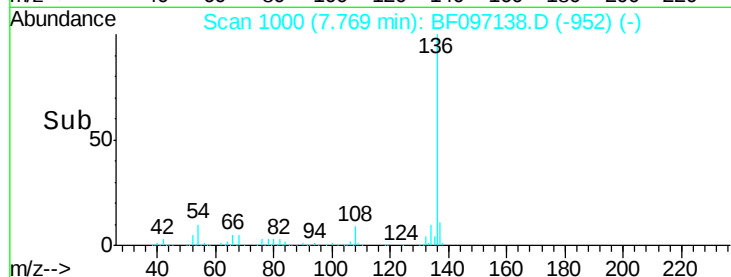


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 35.11 ng

RT: 7.05 min Scan# 878

Delta R.T. -0.02 min

Lab File: BF097138.D

Acq: 27 Jul 2017 22:33

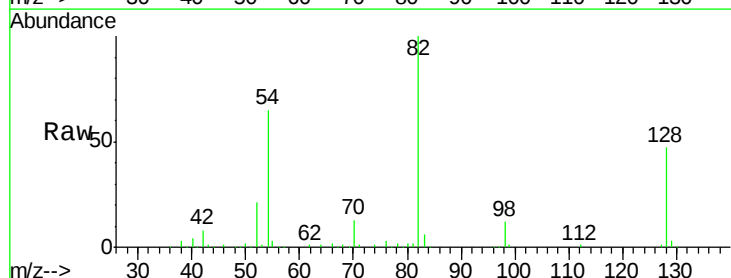
Tgt Ion: 82 Resp: 250319

Ion Ratio Lower Upper

82 100

128 46.6 34.0 51.0

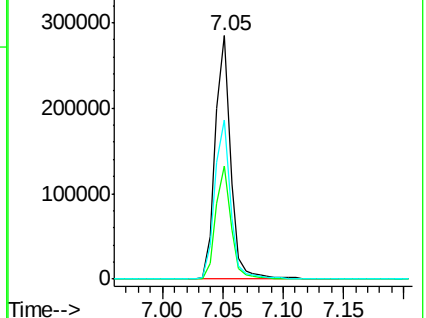
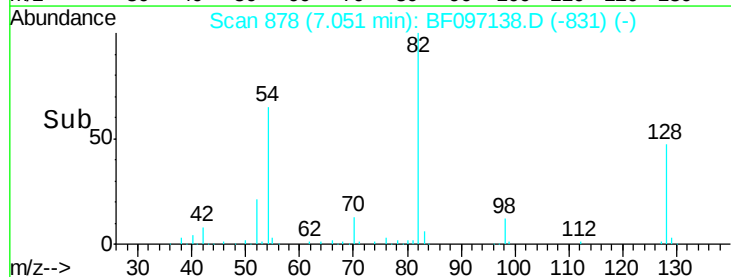
54 65.4 42.2 63.2#

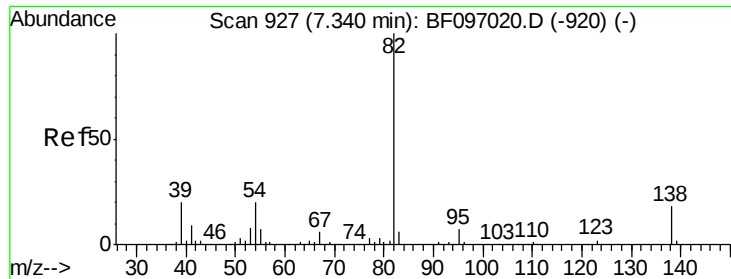


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 17.68 ng

RT: 7.05 min Scan# 878

Delta R.T. -0.29 min

Lab File: BF097138.D

Acq: 27 Jul 2017 22:33

Instrument :

BNA_F

ClientSampleId :

AU-06-072417-C

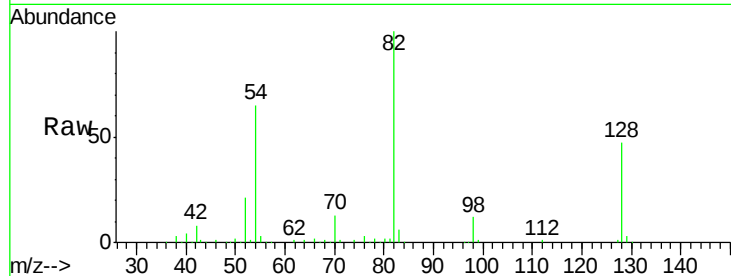
Tot Ion: 82 Resp: 246853

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

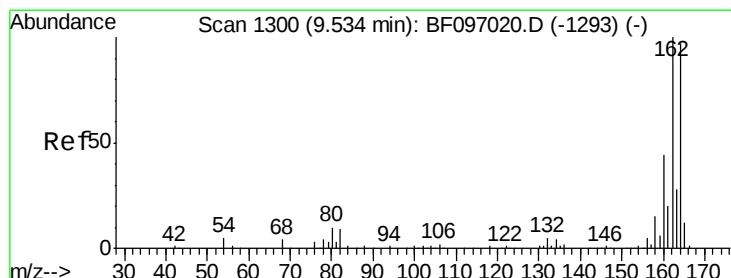
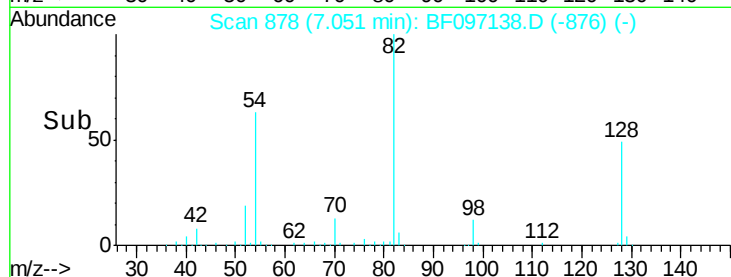
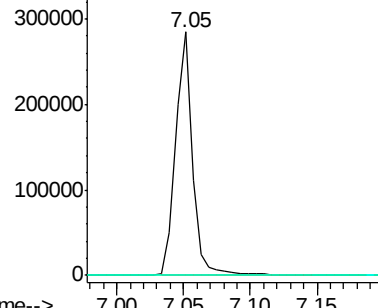
138 0.0 13.1 19.7#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.51 min Scan# 1296

Delta R.T. -0.02 min

Lab File: BF097138.D

Acq: 27 Jul 2017 22:33

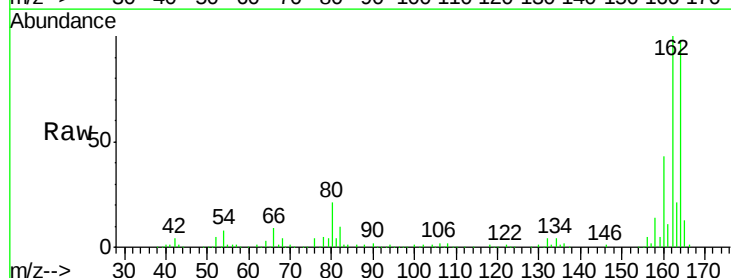
Tgt Ion: 164 Resp: 169666

Ion Ratio Lower Upper

164 100

162 102.2 82.6 123.8

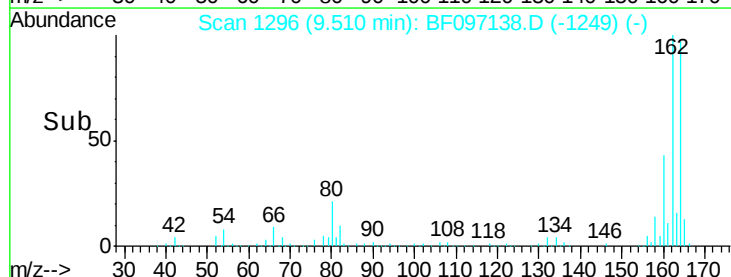
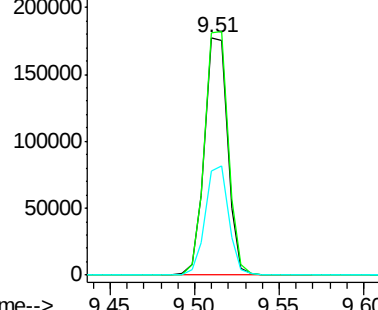
160 44.0 36.2 54.2

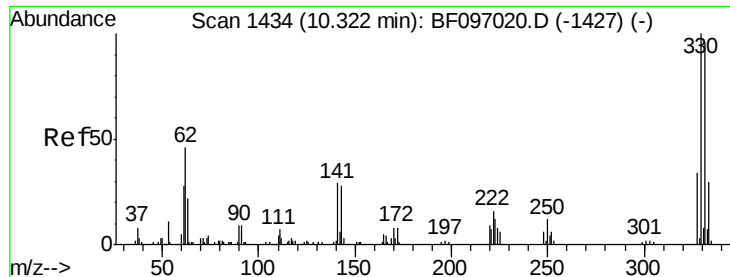


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

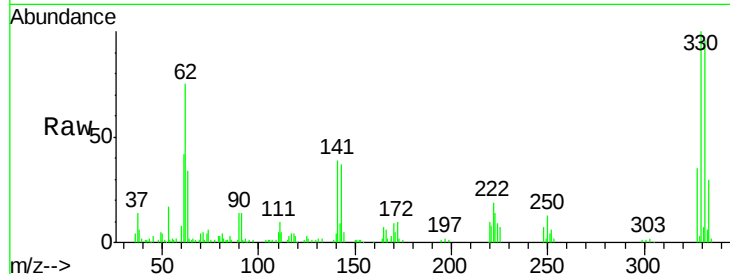




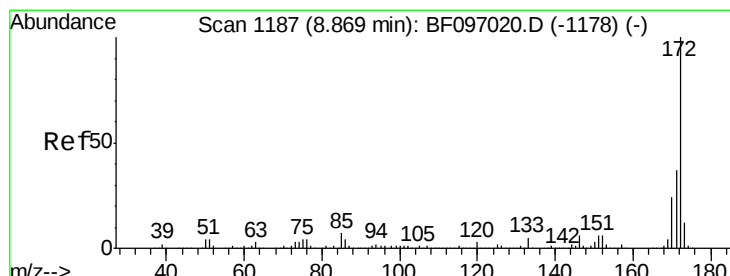
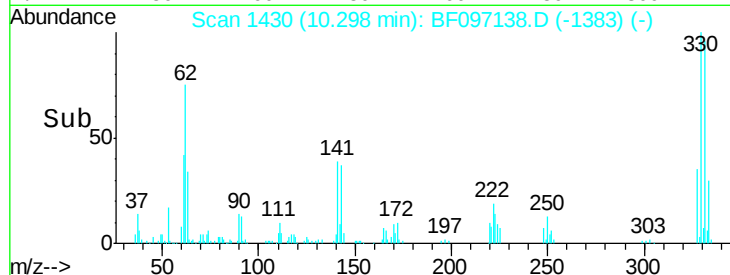
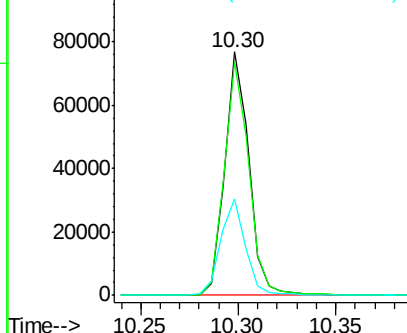
#41
 2,4,6-Tribromophenol
 Concen: 49.24 ng
 RT: 10.30 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF097138.D
 Acq: 27 Jul 2017 22:33

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-072417-C

Tot Ion:330 Resp: 66012
 Ion Ratio Lower Upper
 330 100
 332 98.1 76.6 115.0
 141 40.6 31.4 47.2

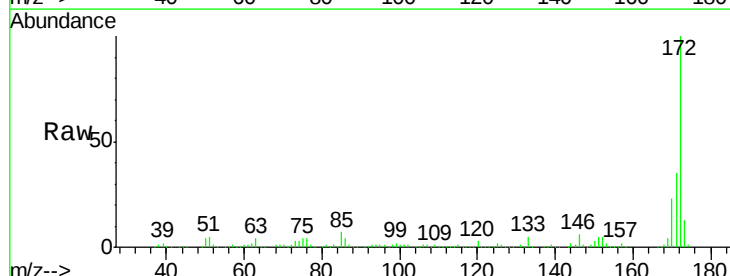


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

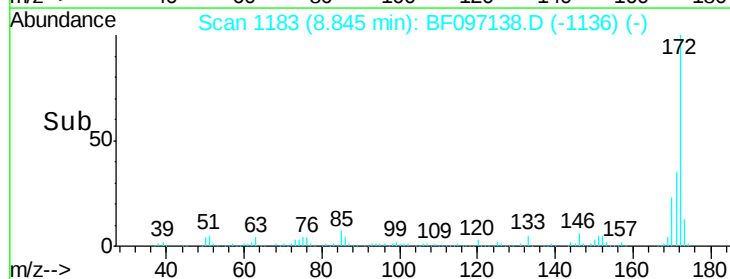
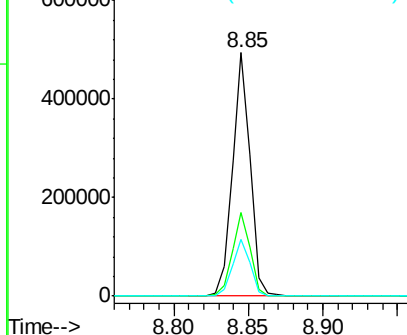


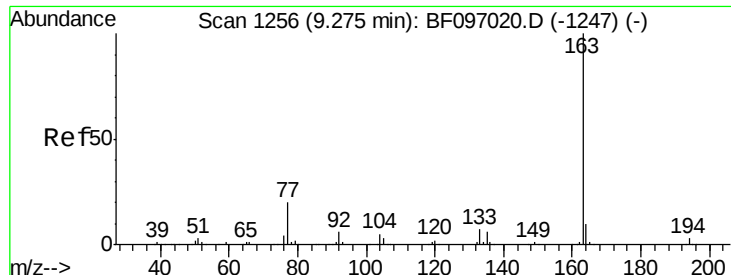
#44
 2-Fluorobiphenyl
 Concen: 41.55 ng
 RT: 8.85 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF097138.D
 Acq: 27 Jul 2017 22:33

Tgt Ion:172 Resp: 415415
 Ion Ratio Lower Upper
 172 100
 171 34.5 29.6 44.4
 170 23.2 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

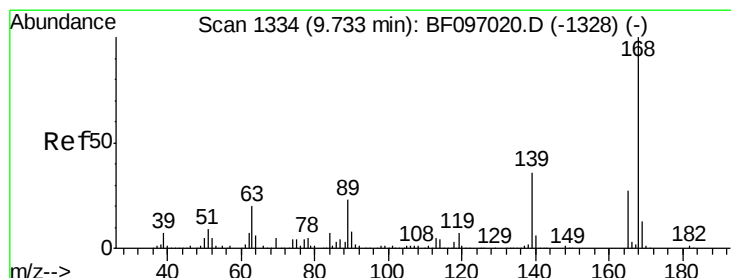
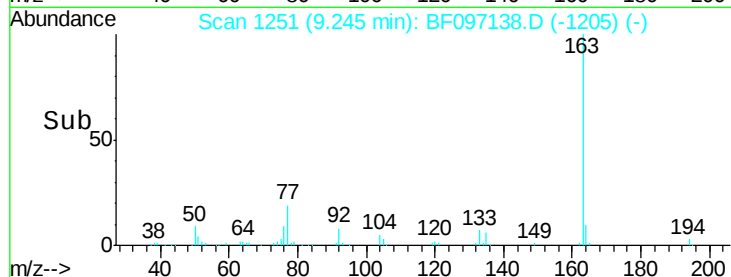
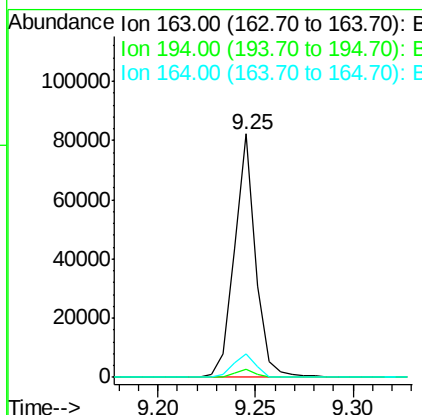
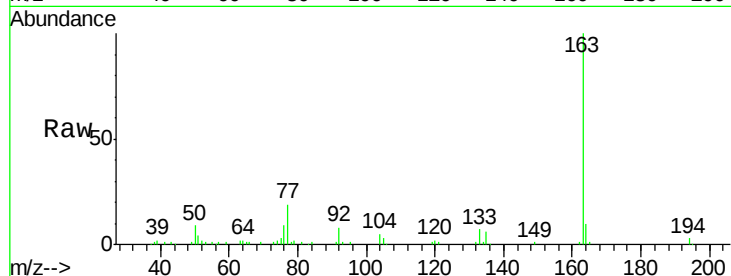




#49
Dimethylphthalate
Concen: 4.78 ng
RT: 9.25 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF097138.D
Acq: 27 Jul 2017 22:33

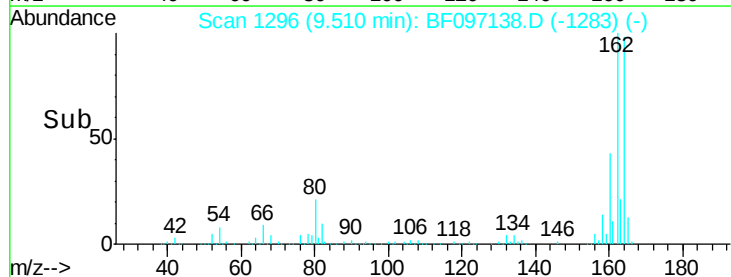
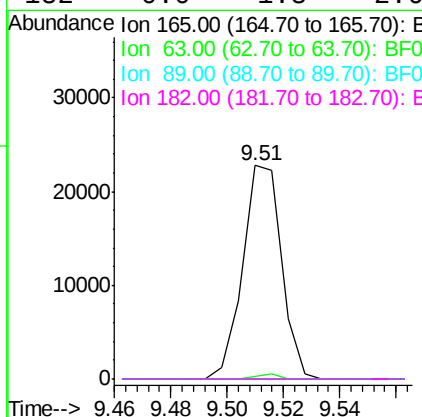
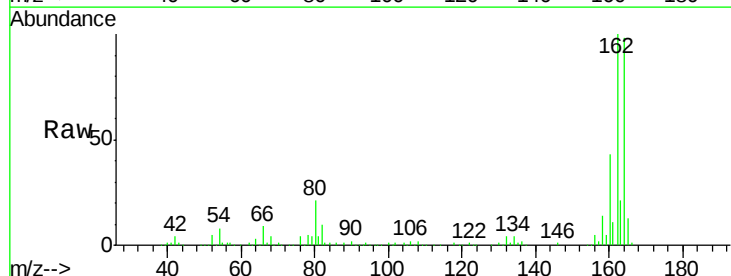
Instrument :
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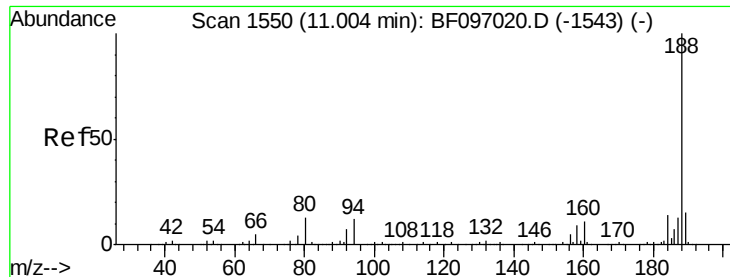
Tot Ion:163 Resp: 61588
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 9.8 8.4 12.6



#56
2,4-Dinitrotoluene
Concen: 6.93 ng
RT: 9.51 min Scan# 1296
Delta R.T. -0.22 min
Lab File: BF097138.D
Acq: 27 Jul 2017 22:33

Tgt Ion:165 Resp: 21775
Ion Ratio Lower Upper
165 100
63 1.4 25.4 38.0#
89 0.0 46.4 69.6#
182 0.0 1.8 2.6#

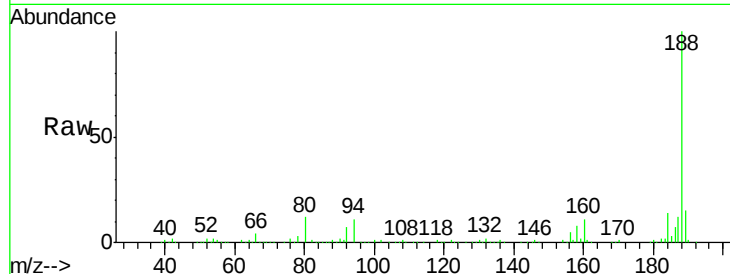




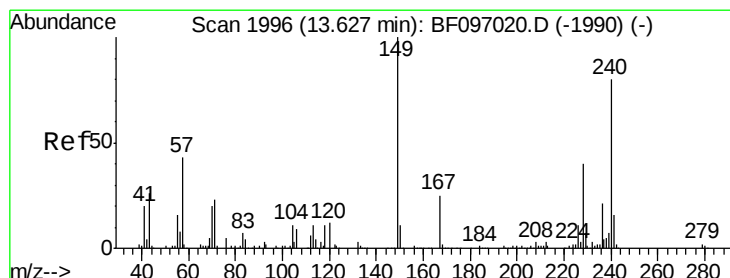
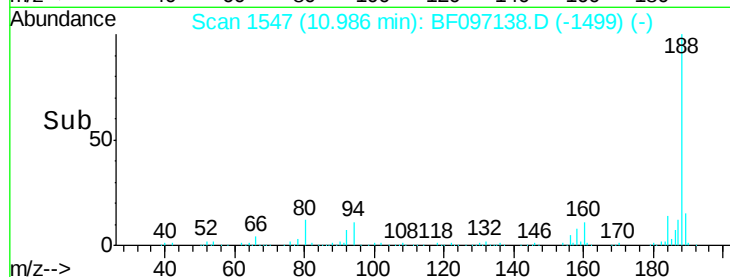
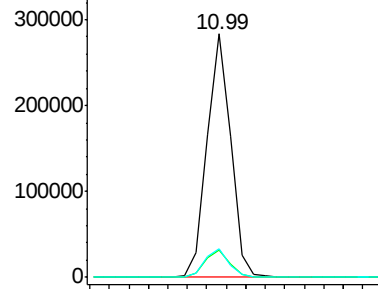
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.99 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF097138.D
Acq: 27 Jul 2017 22:33

Instrument :
BNA_F
ClientSampleId :
AU-06-072417-C

Tot Ion:188 Resp: 240162
Ion Ratio Lower Upper
188 100
94 11.4 9.4 14.2
80 11.6 10.2 15.2

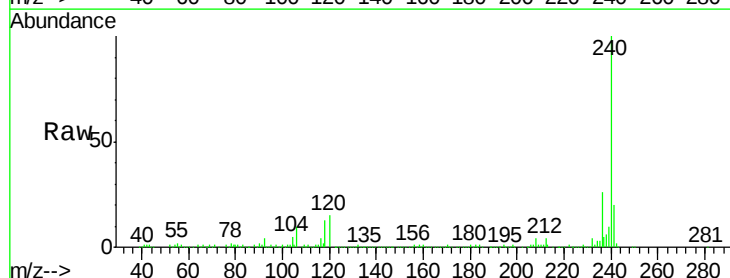


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

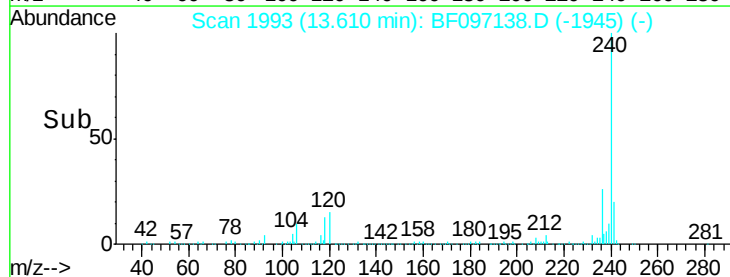
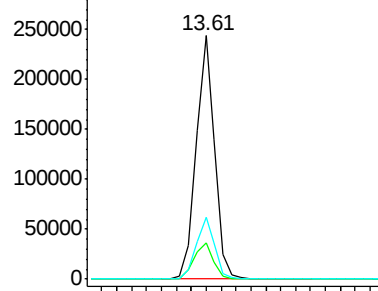


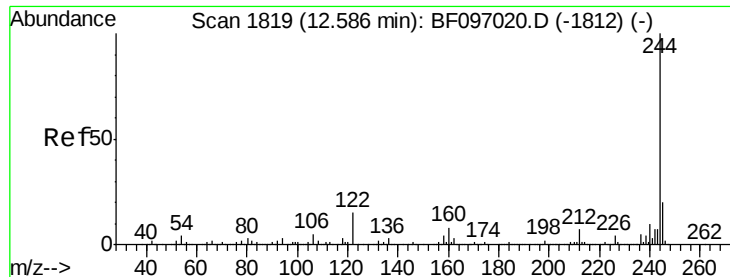
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.61 min Scan# 1993
Delta R.T. -0.02 min
Lab File: BF097138.D
Acq: 27 Jul 2017 22:33

Tgt Ion:240 Resp: 213016
Ion Ratio Lower Upper
240 100
120 15.0 5.8 8.8#
236 25.5 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: 23.19 ng

RT: 12.57 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BF097138.D

Acq: 27 Jul 2017 22:33

Instrument :

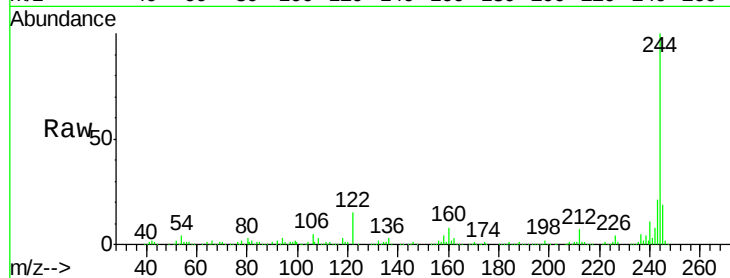
BNA_F

ClientSampleId :

AU-06-072417-C

Tot Ion:244 Resp: 242249

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	15.4	10.3	15.5

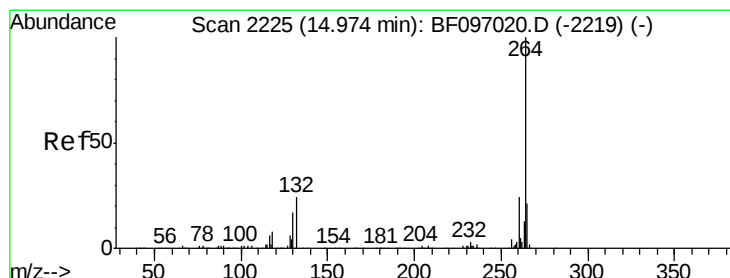
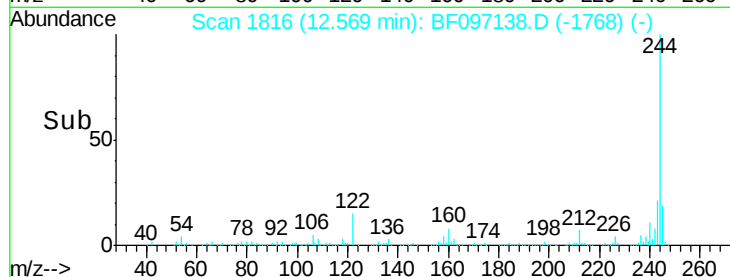
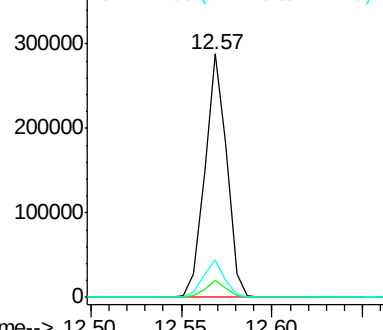


Abundance

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: 20.00 ng

RT: 14.96 min Scan# 2223

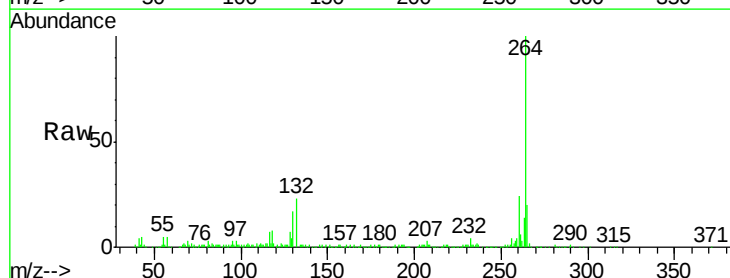
Delta R.T. -0.01 min

Lab File: BF097138.D

Acq: 27 Jul 2017 22:33

Tgt Ion:264 Resp: 192879

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	20.4	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

