

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
 Data File : BF097299.D
 Acq On : 3 Aug 2017 5:03
 Operator : SJ/JU
 Sample : I4527-10 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 03 05:31:31 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

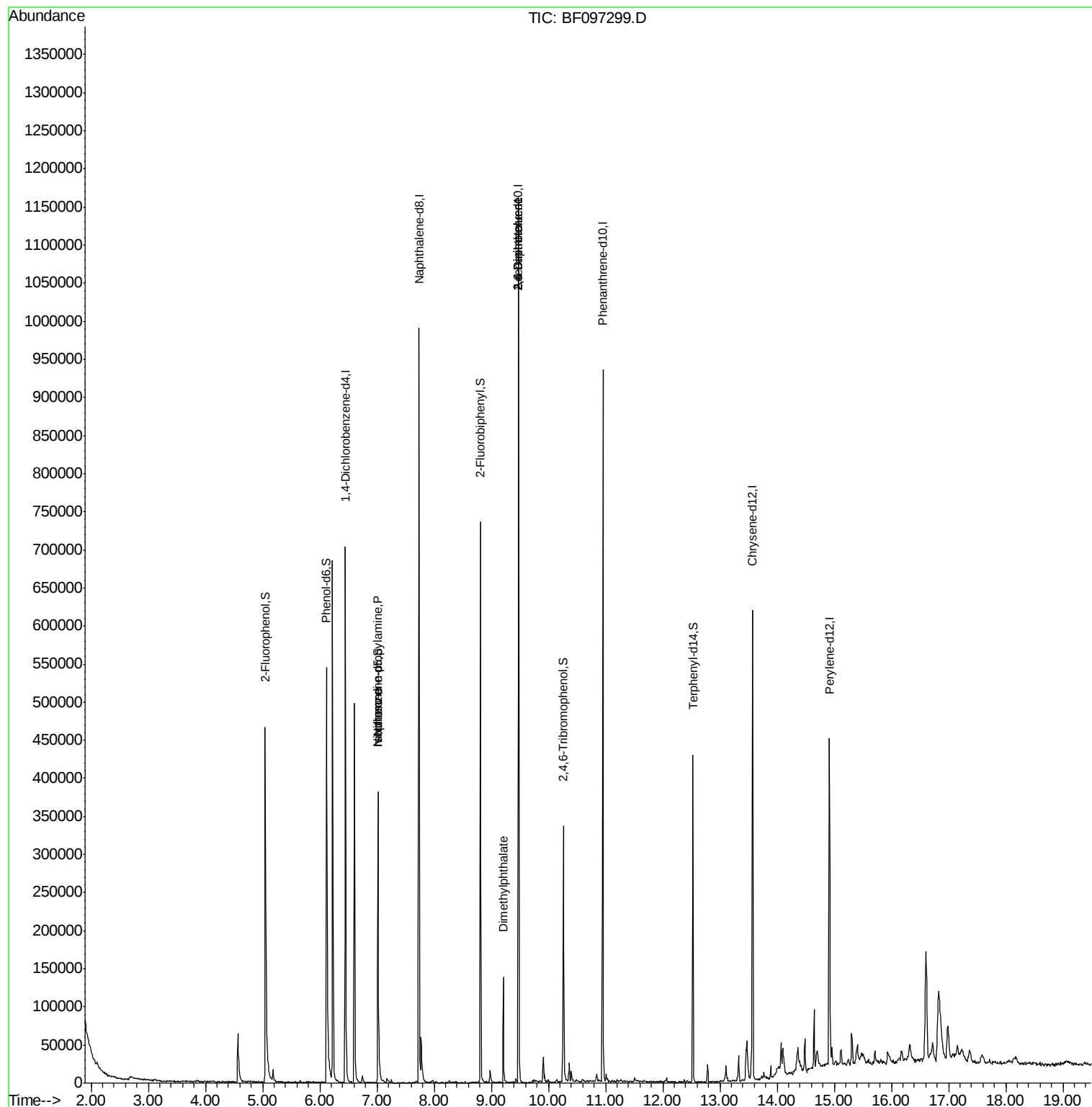
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.45	152	115449	20.00	ng	-0.05
21) Naphthalene-d8	7.73	136	437013	20.00	ng	-0.05
38) Acenaphthene-d10	9.47	164	215743	20.00	ng	-0.06
63) Phenanthrene-d10	10.95	188	328696	20.00	ng	-0.05
75) Chrysene-d12	13.57	240	217366	20.00	ng	-0.06
86) Perylene-d12	14.92	264	168369	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	181997	23.76	ng	-0.05
7) Phenol-d6	6.12	99	227342	26.00	ng	-0.05
23) Nitrobenzene-d5	7.02	82	122547	16.45	ng	-0.06
41) 2,4,6-Tribromophenol	10.26	330	36232	21.26	ng	-0.06
44) 2-Fluorobiphenyl	8.81	172	212490	16.72	ng	-0.06
78) Terphenyl-d14	12.53	244	121694	11.41	ng	-0.06
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.02	70	15433	2.68	ng	# 86
25) Isophorone	7.02	82	118610	8.13	ng	# 67
49) Dimethylphthalate	9.21	163	50386	3.08	ng	99
50) 2,6-Dinitrotoluene	9.47	165	27161	7.82	ng	# 32
56) 2,4-Dinitrotoluene	9.47	165	27161	6.80	ng	# 32

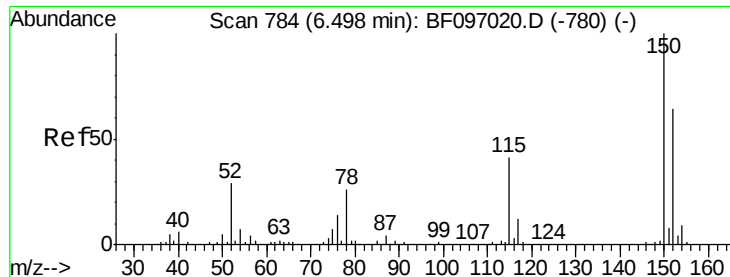
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.45 min Scan# 776

Delta R.T. -0.05 min

Lab File: BF097299.D

Acq: 3 Aug 2017 5:03

Instrument :

BNA_F

ClientSampled :

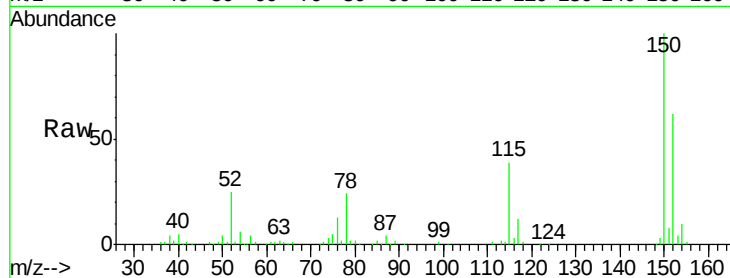
Tot Ion:152 Resp: 115449

Ion Ratio Lower Upper

152 100

150 162.1 126.2 189.2

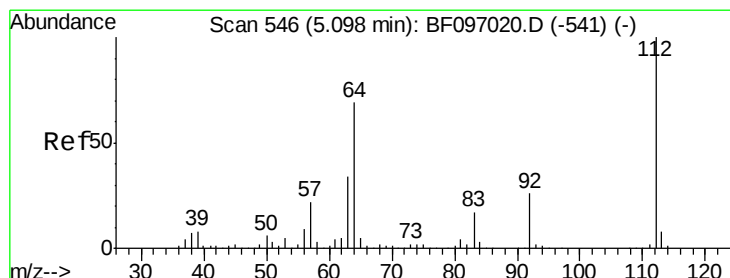
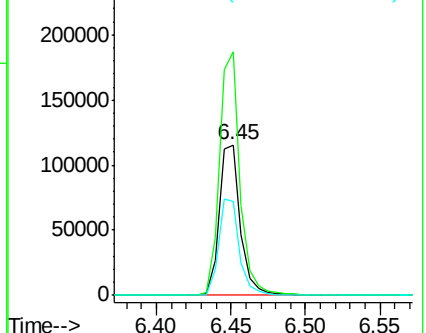
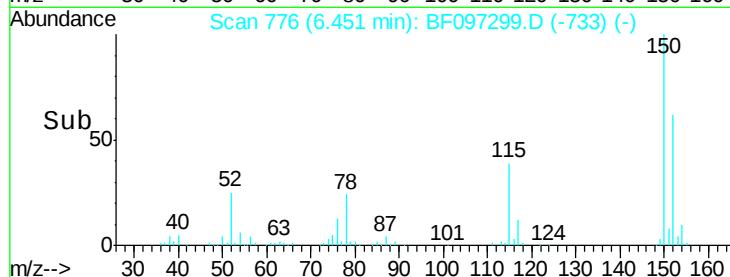
115 62.6 52.2 78.2



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: 23.76 ng

RT: 5.05 min Scan# 537

Delta R.T. -0.05 min

Lab File: BF097299.D

Acq: 3 Aug 2017 5:03

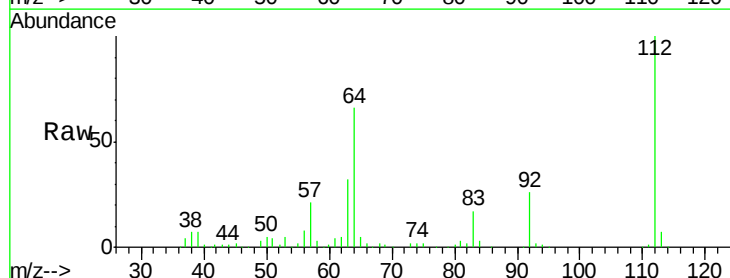
Tgt Ion:112 Resp: 181997

Ion Ratio Lower Upper

112 100

64 66.3 46.0 69.0

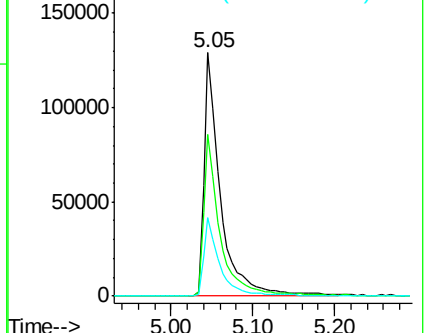
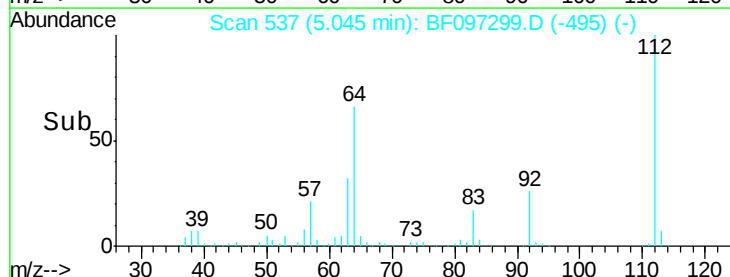
63 32.2 23.4 35.0

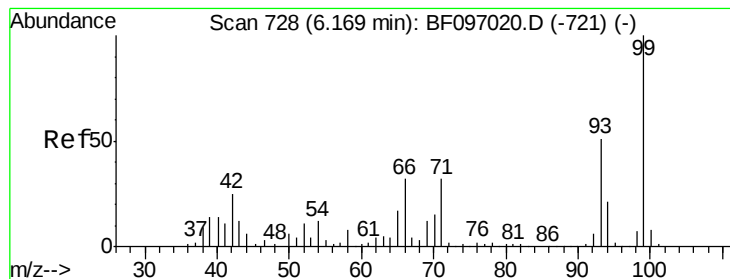


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 26.00 ng

RT: 6.12 min Scan# 719

Delta R.T. -0.05 min

Lab File: BF097299.D

Acq: 3 Aug 2017 5:03

Instrument :

BNA_F

ClientSampleId :

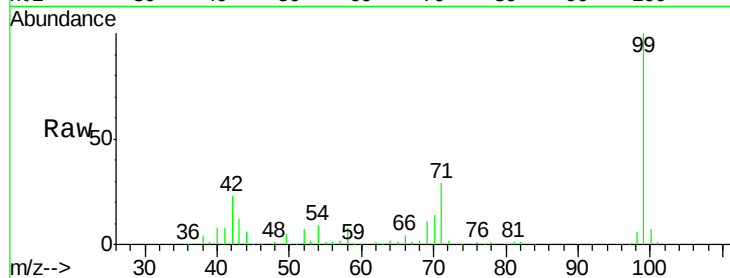
Tot Ion: 99 Resp: 227342

Ion Ratio Lower Upper

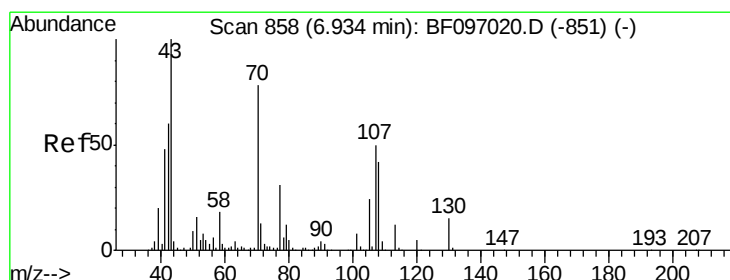
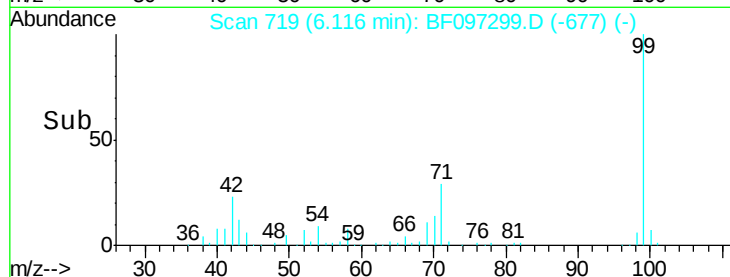
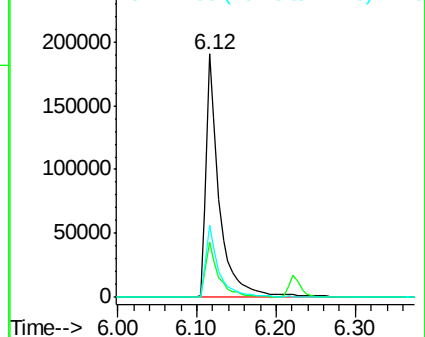
99 100

42 22.9 13.5 20.3#

71 29.5 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: 2.68 ng

RT: 7.02 min Scan# 872

Delta R.T. 0.08 min

Lab File: BF097299.D

Acq: 3 Aug 2017 5:03

Tgt Ion: 70 Resp: 15433

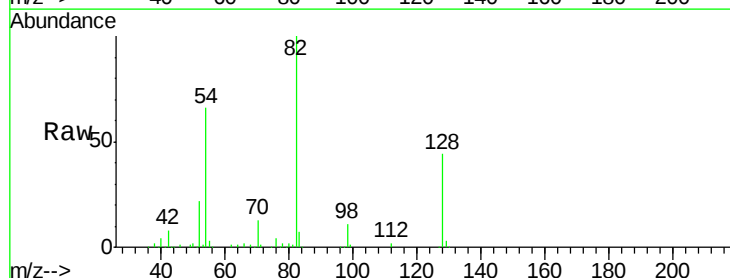
Ion Ratio Lower Upper

70 100

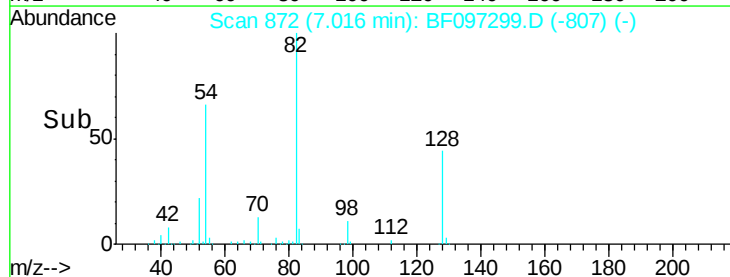
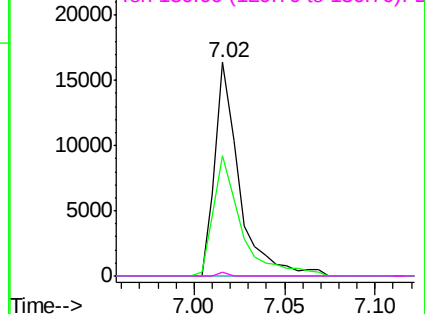
42 56.1 47.2 70.8

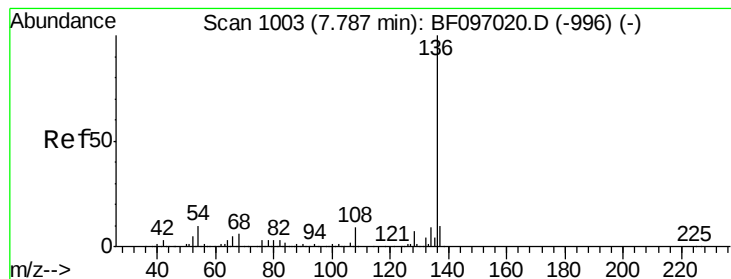
101 0.0 7.2 10.8#

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: 7.73 min Scan# 994

Delta R.T. -0.05 min

Lab File: BF097299.D

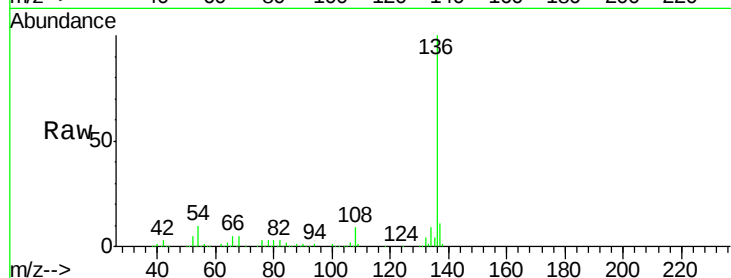
Acq: 3 Aug 2017 5:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	437013
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.5 12.7
54	10.5	4.9 7.3#
68	5.3	4.1 6.1

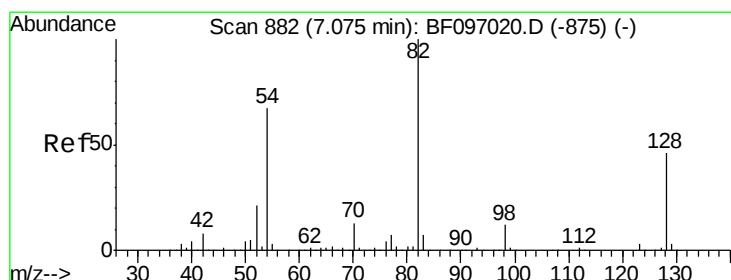
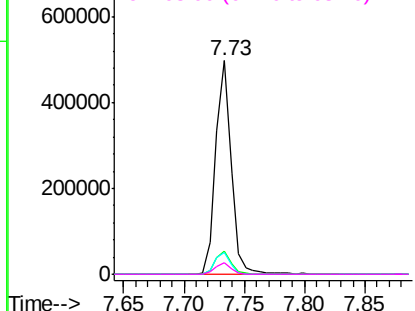
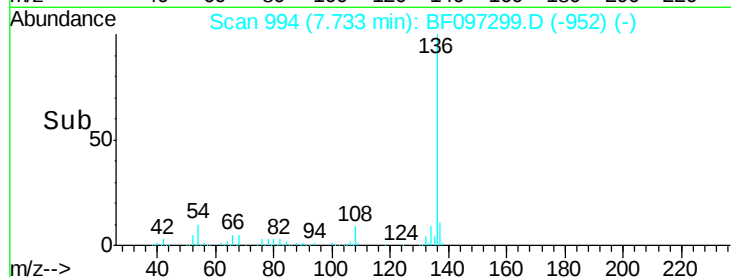


Abundance Ion 136.00 (135.70 to 136.70): E

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: 16.45 ng

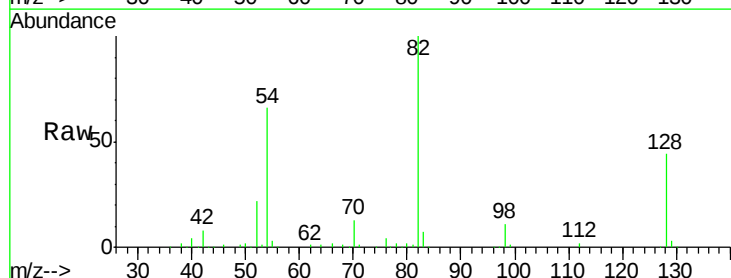
RT: 7.02 min Scan# 872

Delta R.T. -0.06 min

Lab File: BF097299.D

Acq: 3 Aug 2017 5:03

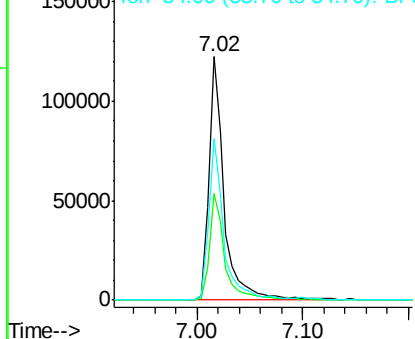
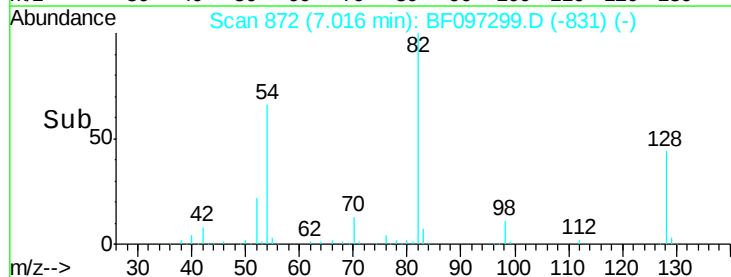
Tgt Ion: 82	Resp:	122547
Ion Ratio	Lower	Upper
82	100	
128	43.9	34.0 51.0
54	66.4	42.2 63.2#

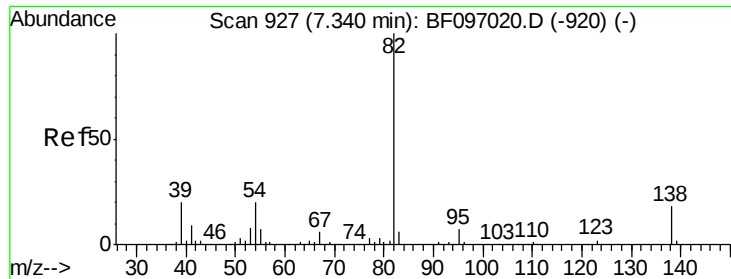


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 8.13 ng

RT: 7.02 min Scan# 872

Delta R.T. -0.32 min

Lab File: BF097299.D

Acq: 3 Aug 2017 5:03

Instrument :

BNA_F

ClientSampled :

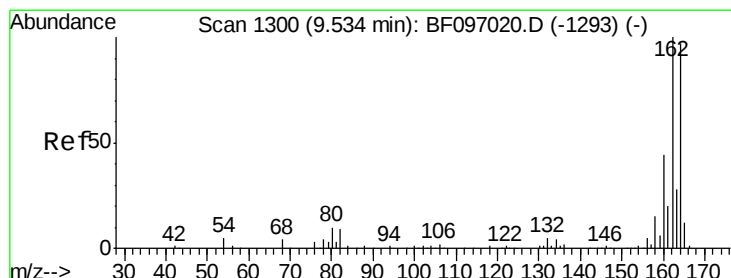
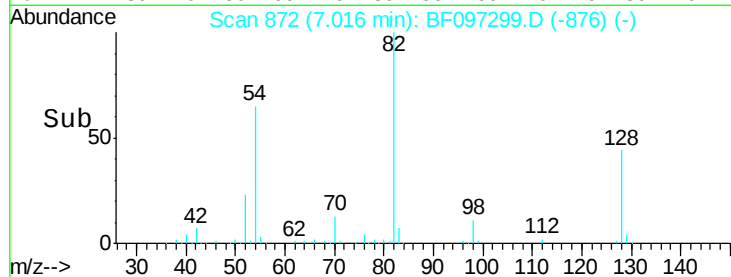
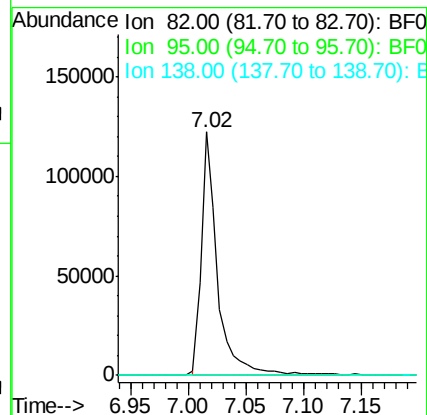
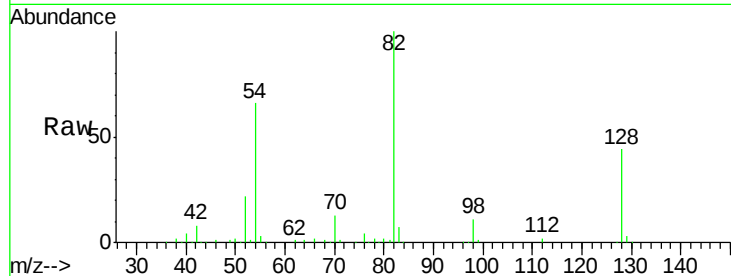
Tot Ion: 82 Resp: 118610

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

138 0.0 13.1 19.7#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.47 min Scan# 1290

Delta R.T. -0.06 min

Lab File: BF097299.D

Acq: 3 Aug 2017 5:03

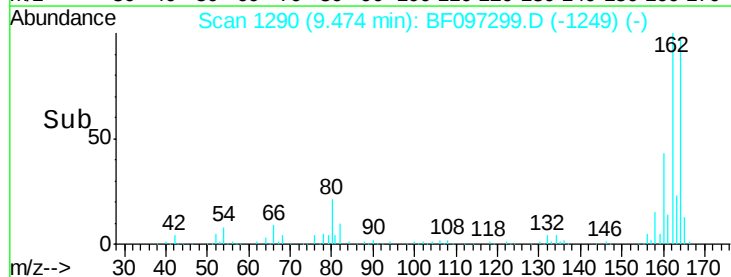
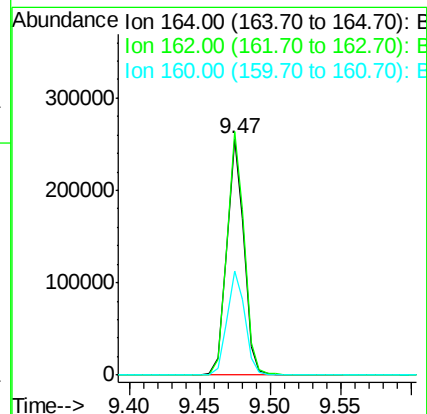
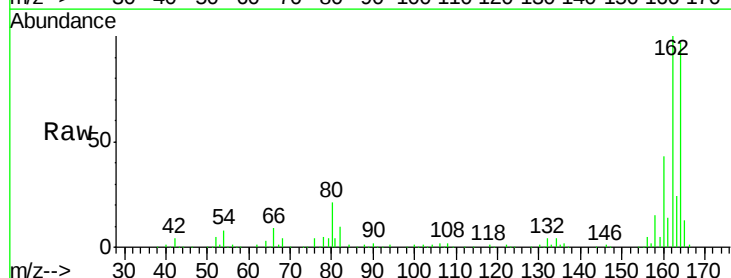
Tgt Ion:164 Resp: 215743

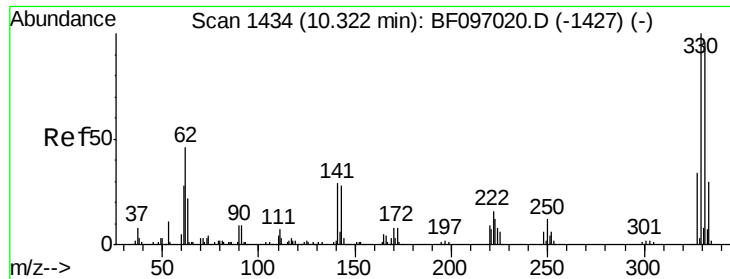
Ion Ratio Lower Upper

164 100

162 103.0 82.6 123.8

160 44.3 36.2 54.2

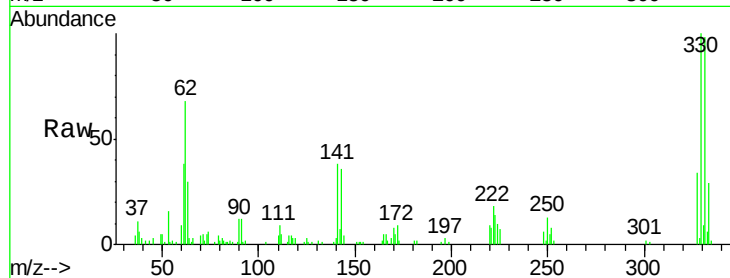




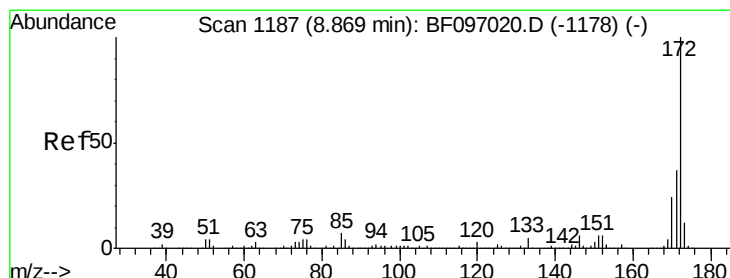
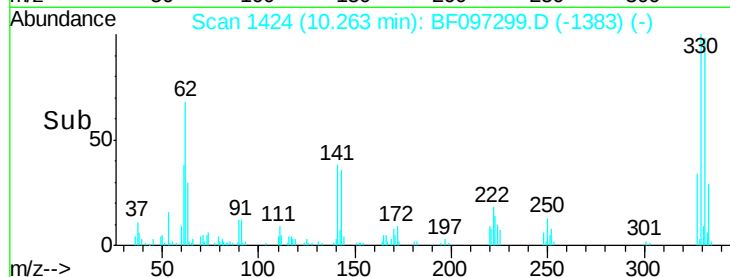
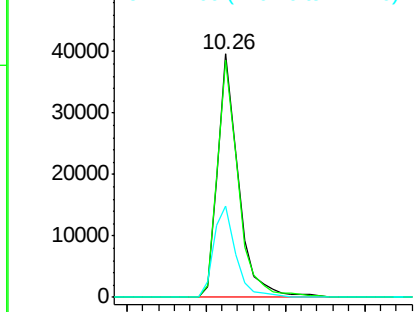
#41
 2,4,6-Tribromophenol
 Concen: 21.26 ng
 RT: 10.26 min Scan# 1424
 Delta R.T. -0.06 min
 Lab File: BF097299.D
 Acq: 3 Aug 2017 5:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 36232
 Ion Ratio Lower Upper
 330 100
 332 98.1 76.6 115.0
 141 39.7 31.4 47.2

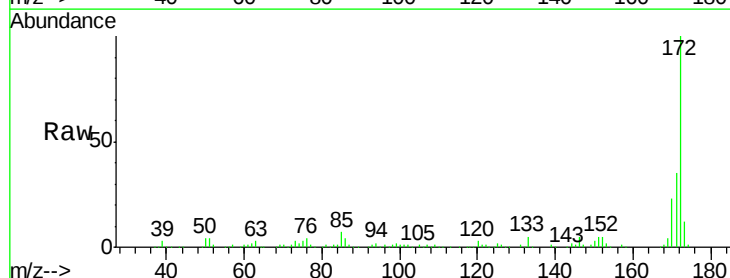


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

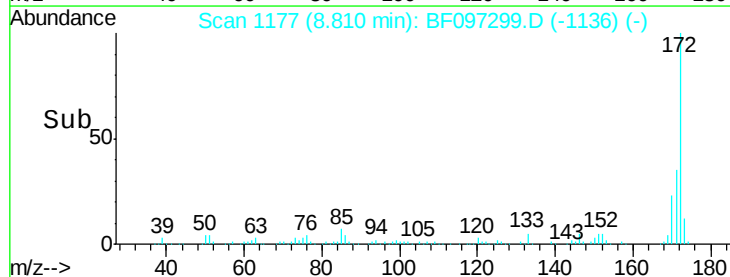
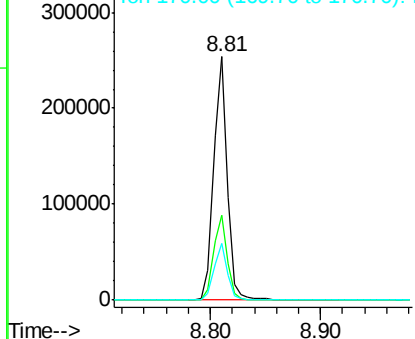


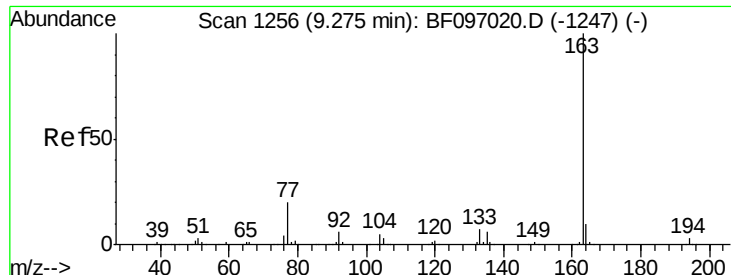
#44
 2-Fluorobiphenyl
 Concen: 16.72 ng
 RT: 8.81 min Scan# 1177
 Delta R.T. -0.06 min
 Lab File: BF097299.D
 Acq: 3 Aug 2017 5:03

Tgt Ion:172 Resp: 212490
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.6 44.4
 170 23.4 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

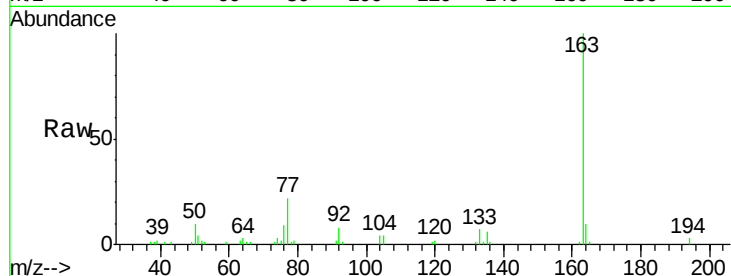




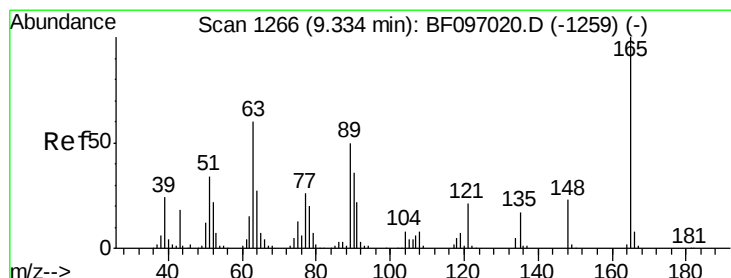
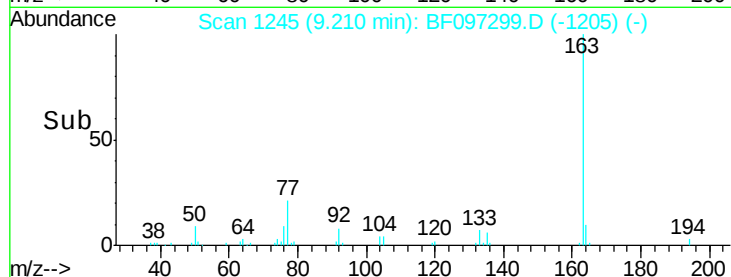
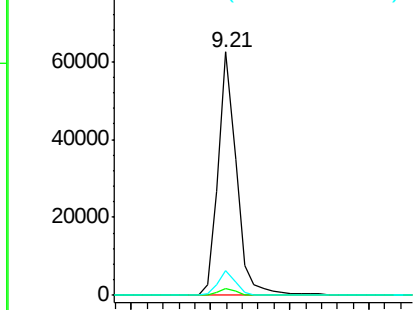
#49
Dimethylphthalate
Concen: 3.08 ng
RT: 9.21 min Scan# 1245
Delta R.T. -0.06 min
Lab File: BF097299.D
Acq: 3 Aug 2017 5:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 50386
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 10.4 8.4 12.6

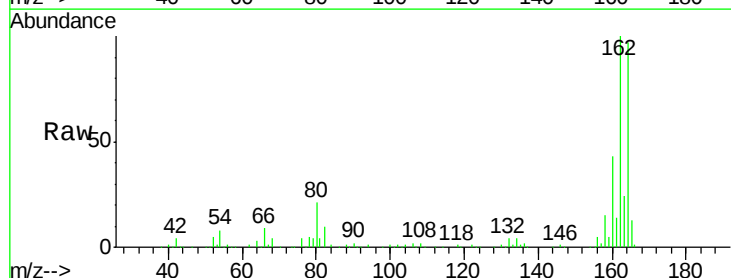


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

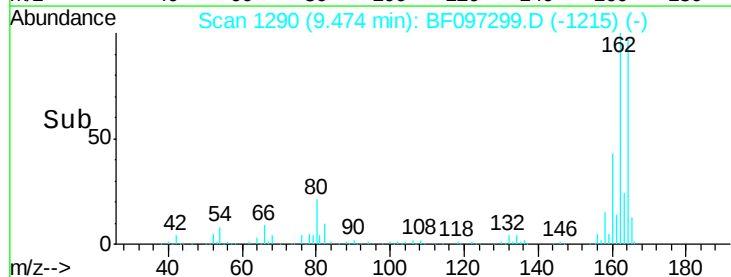
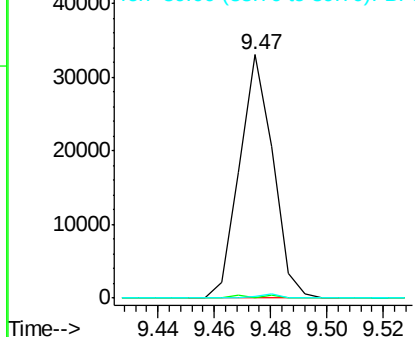


#50
2,6-Dinitrotoluene
Concen: 7.82 ng
RT: 9.47 min Scan# 1290
Delta R.T. 0.14 min
Lab File: BF097299.D
Acq: 3 Aug 2017 5:03

Tgt Ion:165 Resp: 27161
Ion Ratio Lower Upper
165 100
63 0.0 34.3 51.5#
89 0.9 37.1 55.7#



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





#56

2,4-Dinitrotoluene

Concen: 6.80 ng

RT: 9.47 min Scan# 1290

Delta R.T. -0.26 min

Lab File: BF097299.D

Acq: 3 Aug 2017 5:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 27161

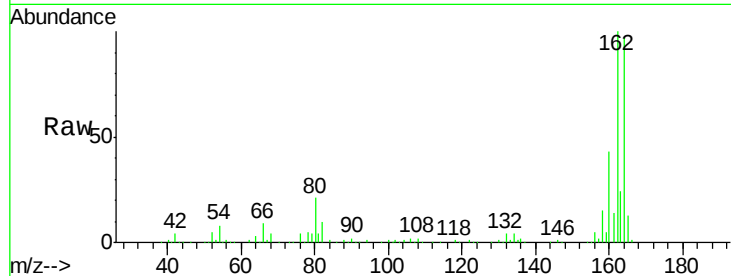
Ion Ratio Lower Upper

165 100

63 0.0 25.4 38.0#

89 0.9 46.4 69.6#

182 0.0 1.8 2.6#

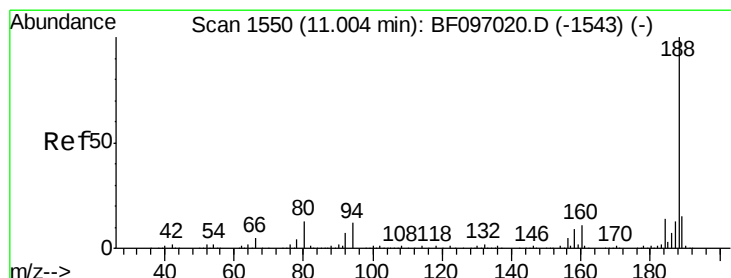
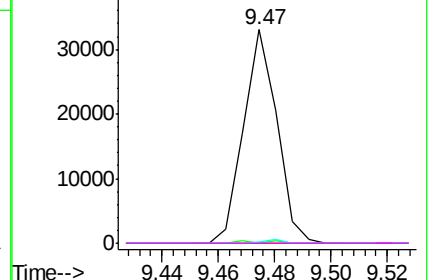
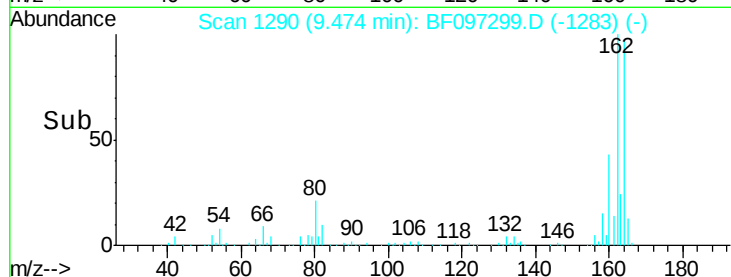


Abundance Ion 165.00 (164.70 to 165.70): E

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: 20.00 ng

RT: 10.95 min Scan# 1541

Delta R.T. -0.05 min

Lab File: BF097299.D

Acq: 3 Aug 2017 5:03

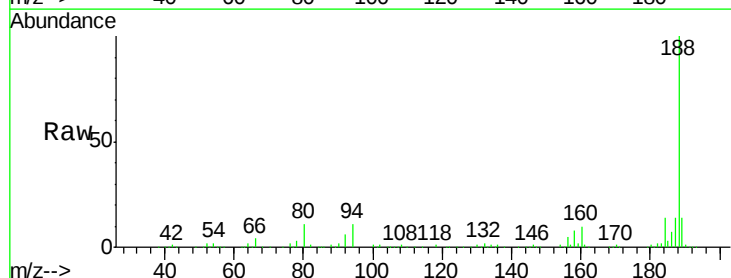
Tgt Ion:188 Resp: 328696

Ion Ratio Lower Upper

188 100

94 10.7 9.4 14.2

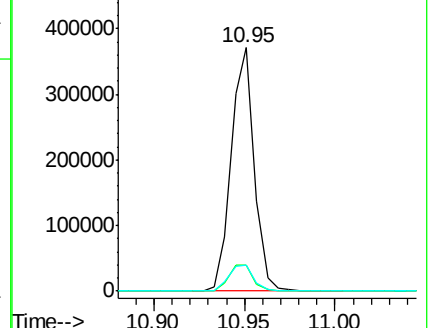
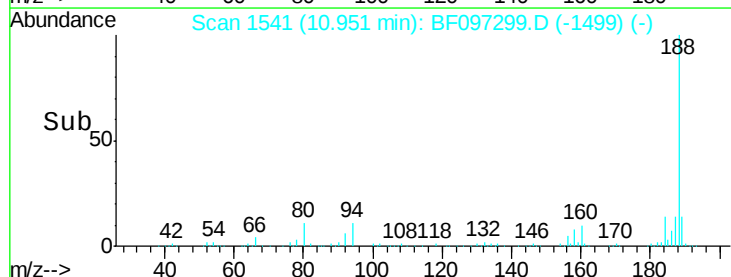
80 10.8 10.2 15.2

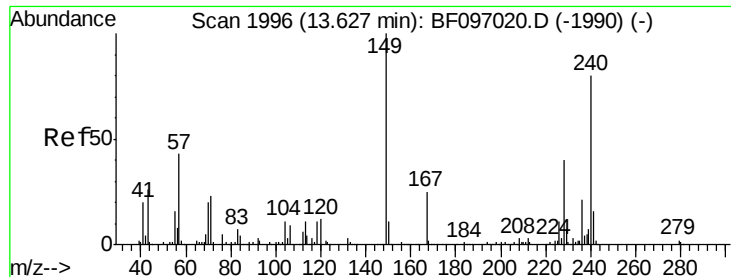


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.57 min Scan# 1986

Delta R.T. -0.06 min

Lab File: BF097299.D

Acq: 3 Aug 2017 5:03

Instrument :

BNA_F

ClientSampleId :

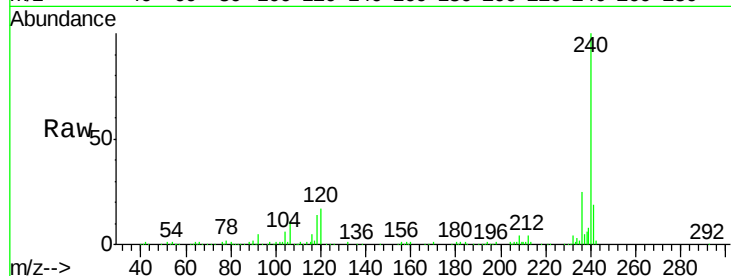
Tot Ion:240 Resp: 217366

Ion Ratio Lower Upper

240 100

120 16.7 5.8 8.8#

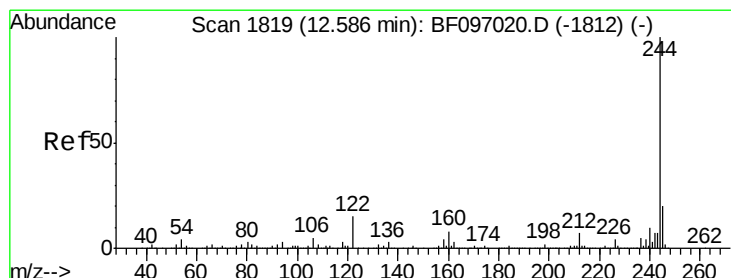
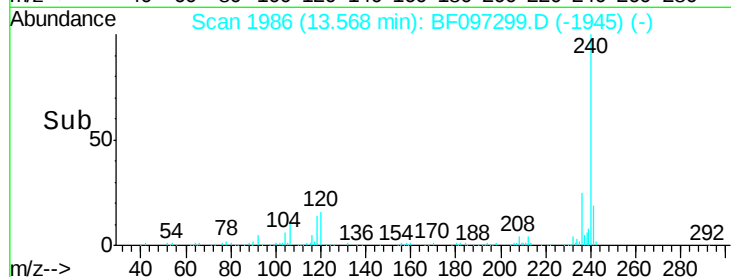
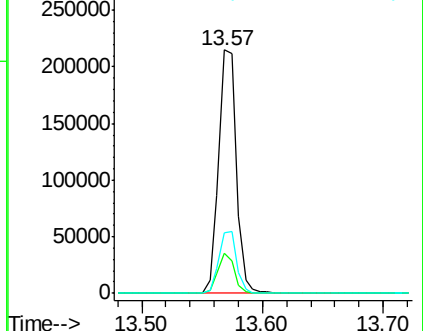
236 24.8 20.5 30.7



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: 11.41 ng

RT: 12.53 min Scan# 1809

Delta R.T. -0.06 min

Lab File: BF097299.D

Acq: 3 Aug 2017 5:03

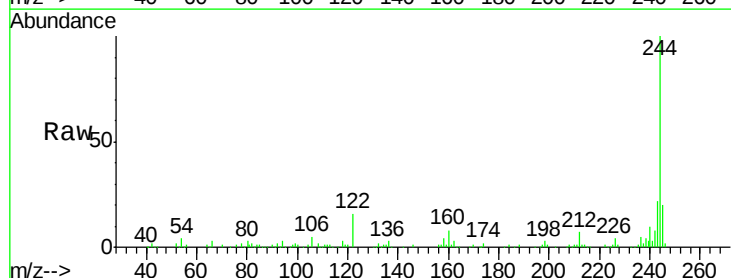
Tgt Ion:244 Resp: 121694

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

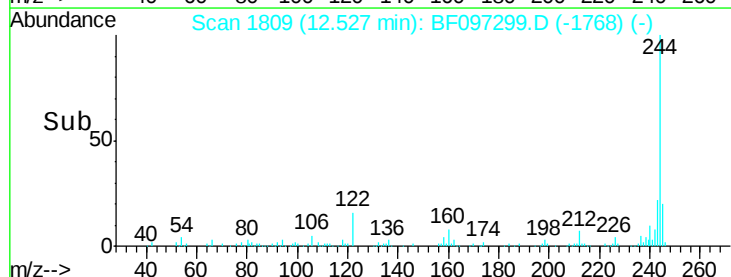
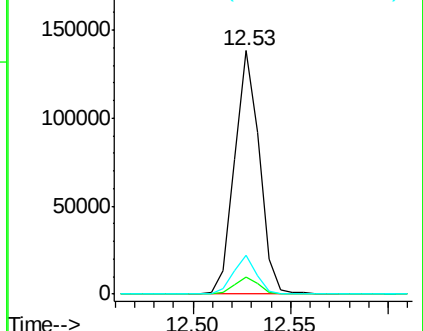
122 15.8 10.3 15.5#

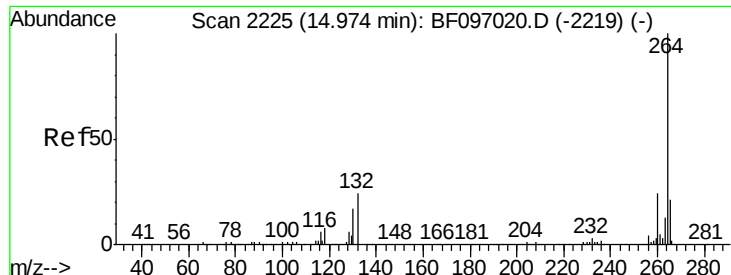


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

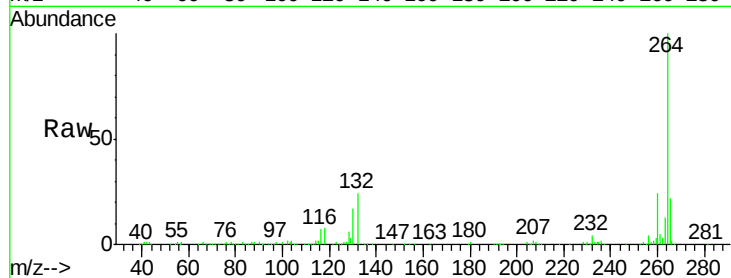




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 14.92 min Scan# 2215
 Delta R.T. -0.06 min
 Lab File: BF097299.D
 Acq: 3 Aug 2017 5:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.9	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

