

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
 Data File : BF097115.D
 Acq On : 27 Jul 2017 9:58
 Operator : SJ/JU
 Sample : I4443-13
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

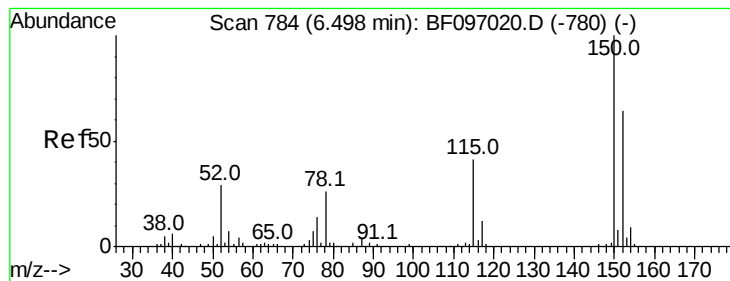
Quant Time: Jul 27 10:57:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	101772	20.00	ng	0.00
21) Naphthalene-d8	7.78	136	449343	20.00	ng	0.00
38) Acenaphthene-d10	9.53	164	163075	20.00	ng	0.00
63) Phenanthrene-d10	11.00	188	224464	20.00	ng	0.00
75) Chrysene-d12	13.63	240	185490	20.00	ng	0.00
86) Perylene-d12	14.98	264	143786	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.10	112	896557	132.80	ng	0.00
7) Phenol-d6	6.16	99	1063627	138.00	ng	0.00
23) Nitrobenzene-d5	7.07	82	600495	78.40	ng	0.00
41) 2,4,6-Tribromophenol	10.32	330	153524	119.15	ng	0.00
44) 2-Fluorobiphenyl	8.86	172	879703	91.55	ng	0.00
78) Terphenyl-d14	12.59	244	494615	54.37	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.17	94	57761	6.318	ng	97
15) Benzyl Alcohol	6.65	79	13862	2.841	ng	# 37
19) n-Nitroso-di-n-propylamine	7.06	70	82033	16.170	ng	# 86
25) Isophorone	7.07	82	587953	39.196	ng	# 67
49) Dimethylphthalate	9.26	163	117491	9.488	ng	99
56) 2,4-Dinitrotoluene	9.52	165	21439	7.100	ng	# 34
66) 4-Bromophenyl-phenylether	10.32	248	10300	4.598	ng	# 1

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

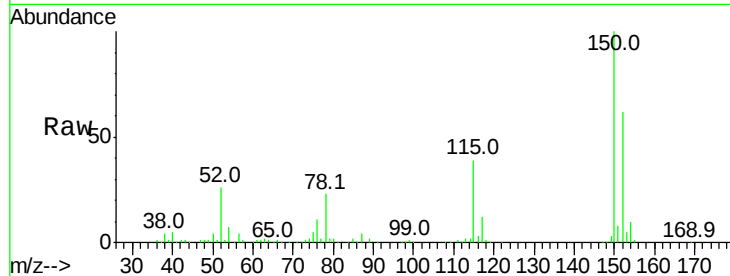


#1

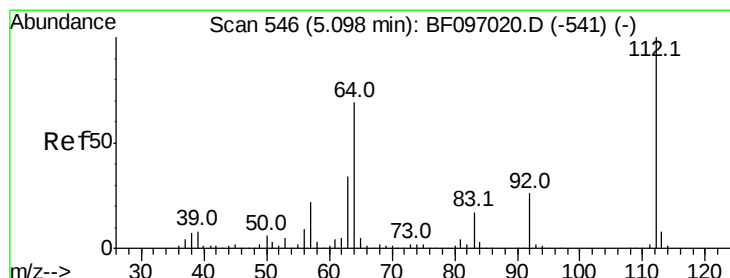
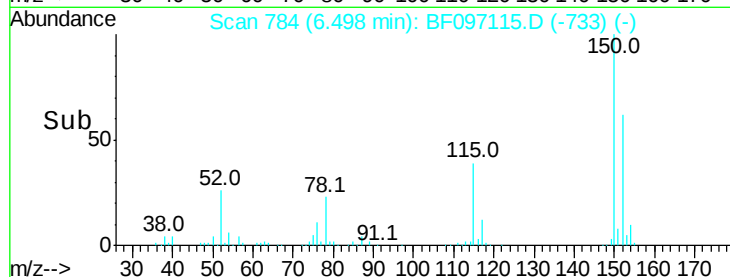
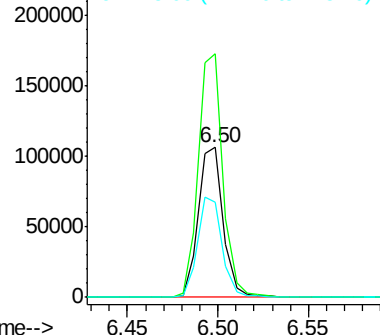
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.50 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF097115.D
Acq: 27 Jul 2017 9:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 101772
Ion Ratio Lower Upper
152 100
150 162.5 126.2 189.2
115 63.5 52.2 78.2



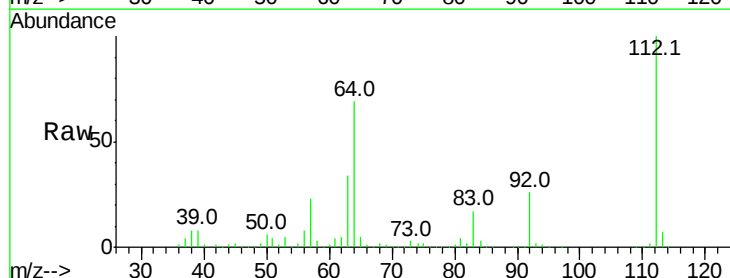
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



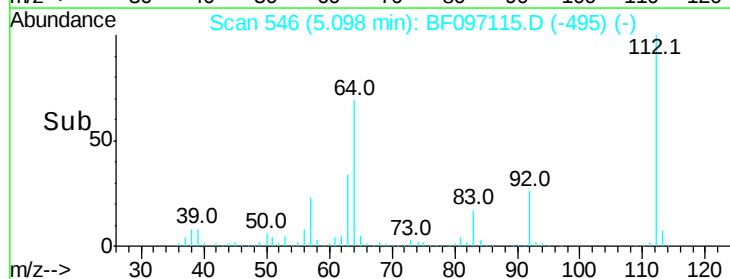
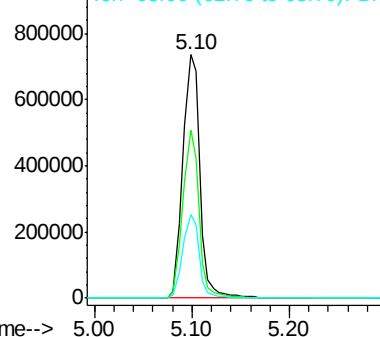
#5

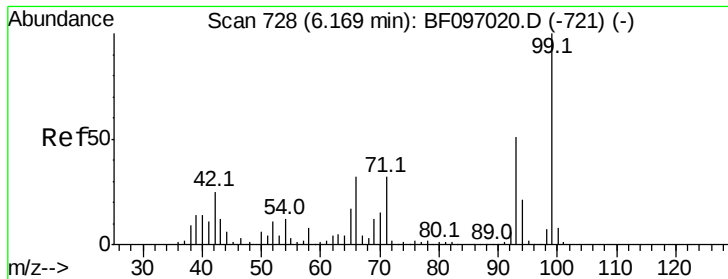
2-Fluorophenol
Concen: 132.802 ng
RT: 5.10 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF097115.D
Acq: 27 Jul 2017 9:58

Tgt Ion:112 Resp: 896557
Ion Ratio Lower Upper
112 100
64 68.8 46.0 69.0
63 34.4 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: 138.005 ng

RT: 6.16 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF097115.D

Acq: 27 Jul 2017 9:58

Instrument :

BNA_F

ClientSampleId :

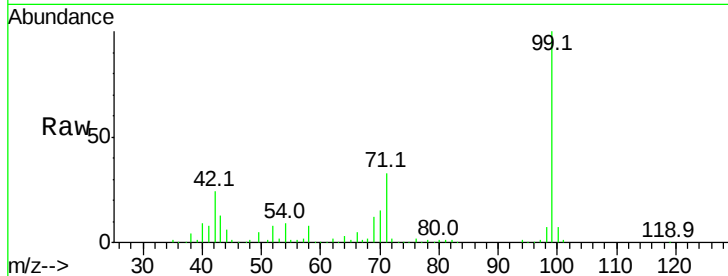
Tot Ion: 99 Resp: 1063627

Ion Ratio Lower Upper

99 100

42 23.8 13.5 20.3#

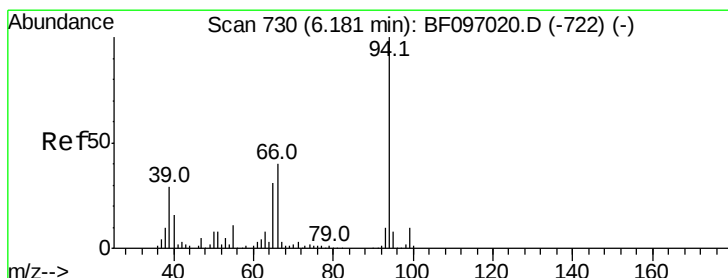
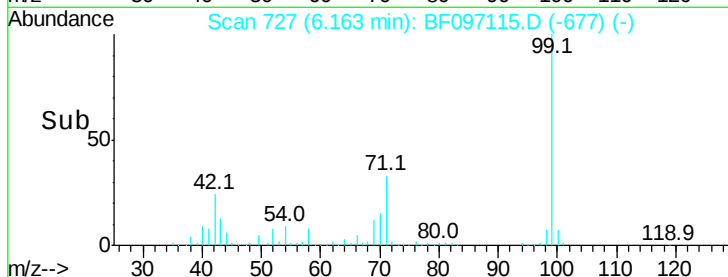
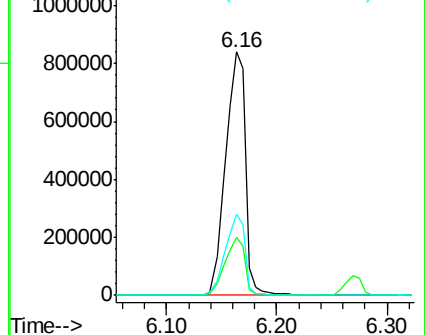
71 33.3 24.5 36.7



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: 6.318 ng

RT: 6.17 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF097115.D

Acq: 27 Jul 2017 9:58

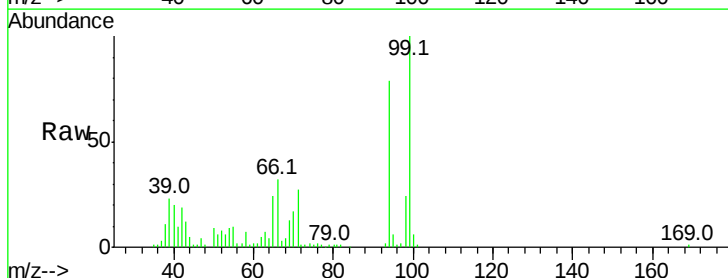
Tgt Ion: 94 Resp: 57761

Ion Ratio Lower Upper

94 100

65 30.4 9.9 49.9

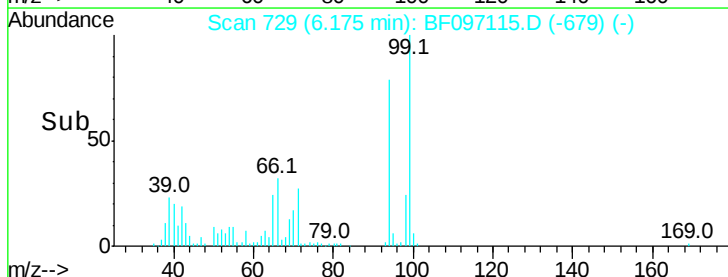
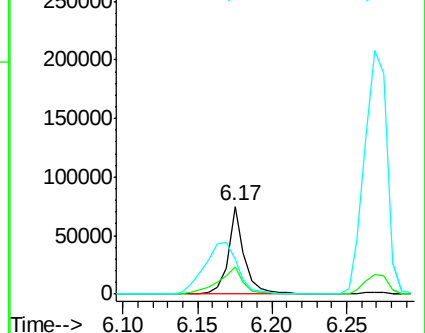
66 40.5 23.1 63.1

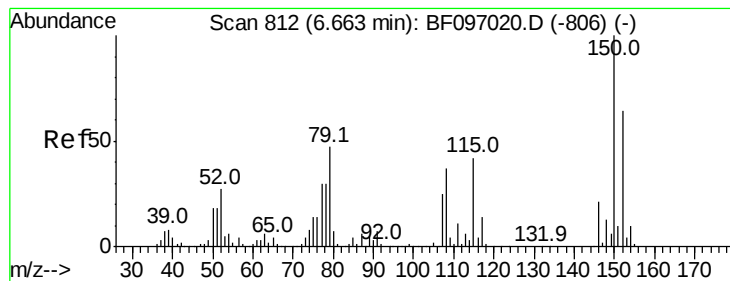


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 2.841 ng

RT: 6.65 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF097115.D

Acq: 27 Jul 2017 9:58

Instrument :

BNA_F

ClientSampleId :

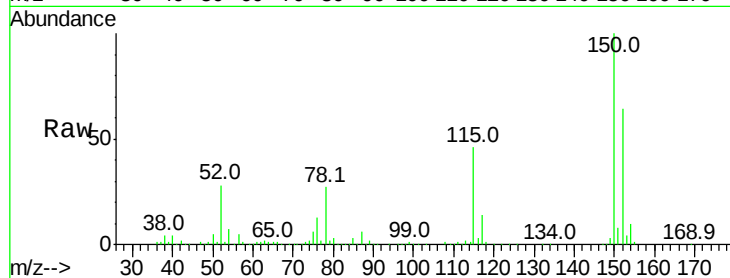
Tot Ion: 79 Resp: 13862

Ion Ratio Lower Upper

79 100

108 26.0 63.4 95.0#

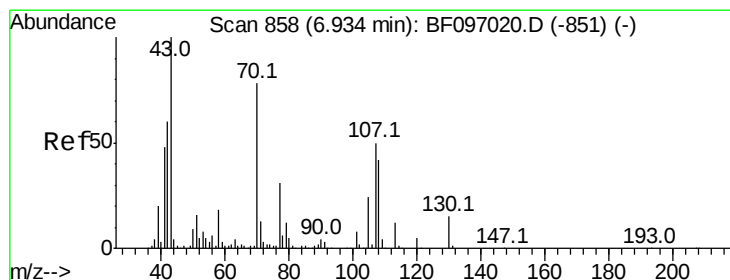
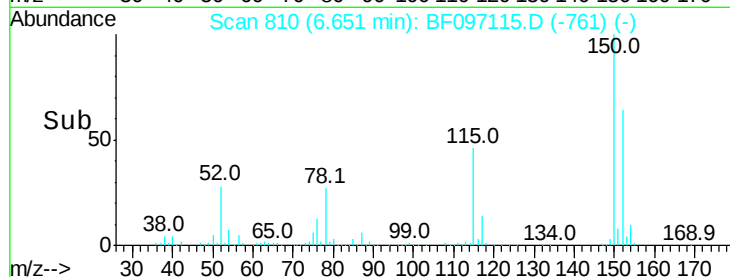
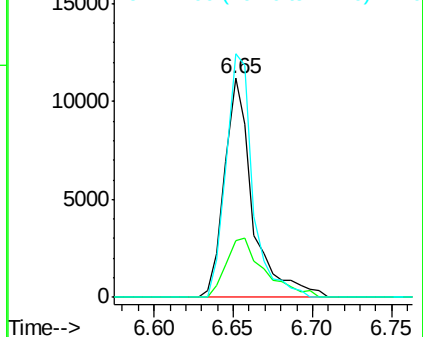
77 111.3 49.2 73.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 16.170 ng

RT: 7.06 min Scan# 880

Delta R.T. 0.13 min

Lab File: BF097115.D

Acq: 27 Jul 2017 9:58

Tgt Ion: 70 Resp: 82033

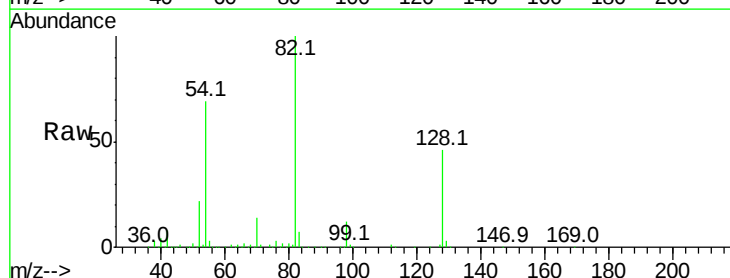
Ion Ratio Lower Upper

70 100

42 61.5 47.2 70.8

101 0.0 7.2 10.8#

130 2.0 15.9 23.9#

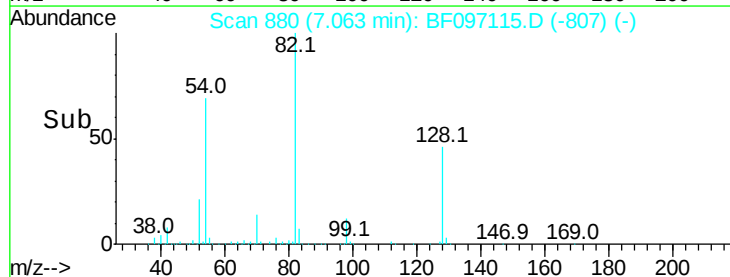
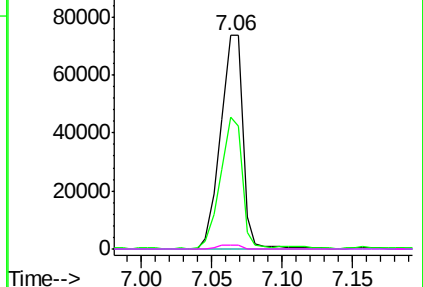


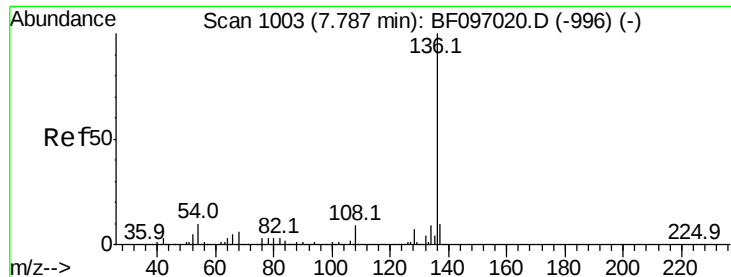
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 20.000 ng

RT: 7.78 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF097115.D

Acq: 27 Jul 2017 9:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 449343

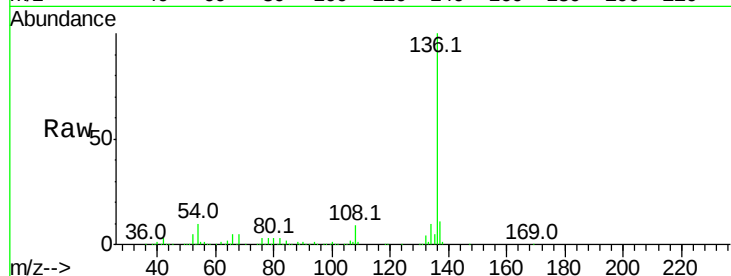
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 9.9 4.9 7.3#

68 5.2 4.1 6.1

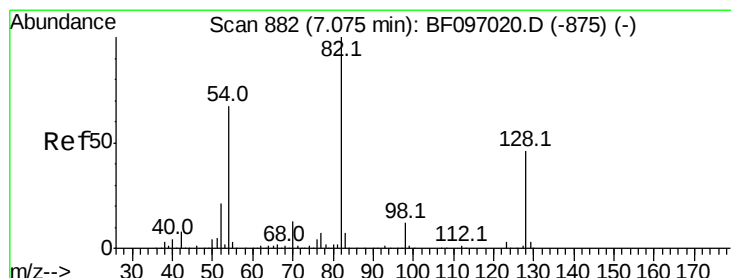
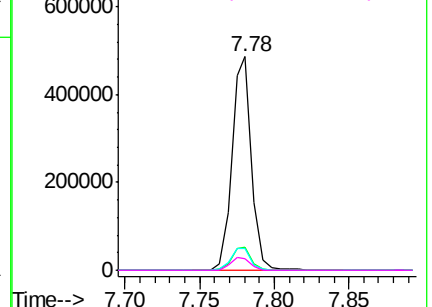
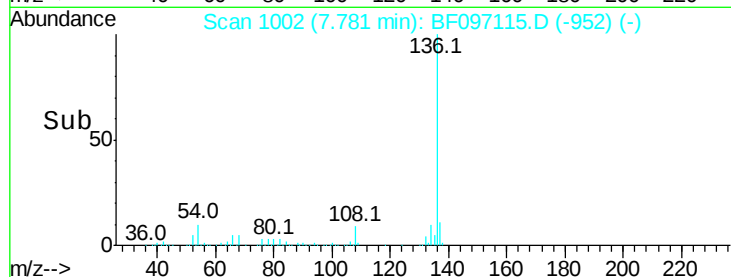


Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.398 ng

RT: 7.07 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF097115.D

Acq: 27 Jul 2017 9:58

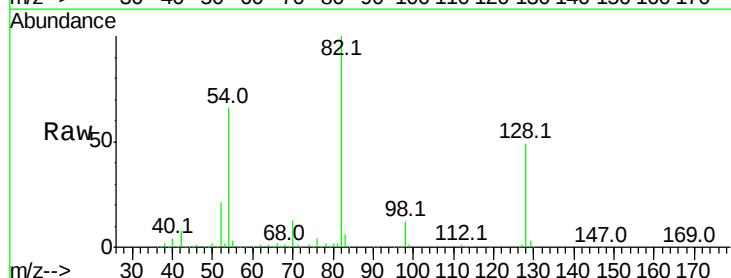
Tgt Ion: 82 Resp: 600495

Ion Ratio Lower Upper

82 100

128 48.7 34.0 51.0

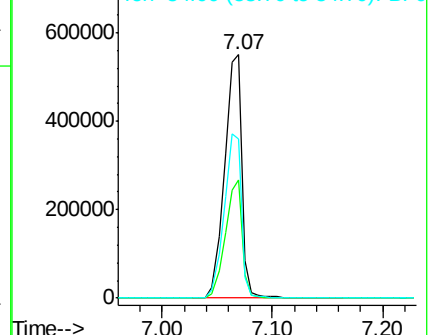
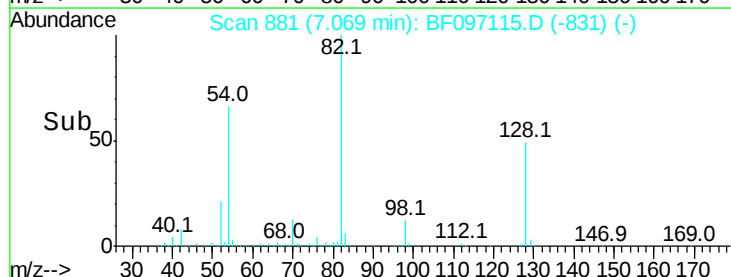
54 65.6 42.2 63.2#

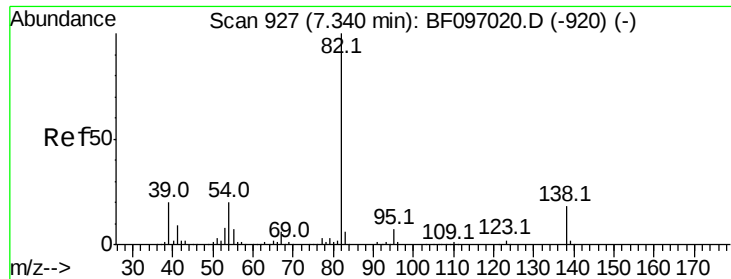


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 39.196 ng

RT: 7.07 min Scan# 881

Delta R.T. -0.27 min

Lab File: BF097115.D

Acq: 27 Jul 2017 9:58

Instrument :

BNA_F

ClientSampleId :

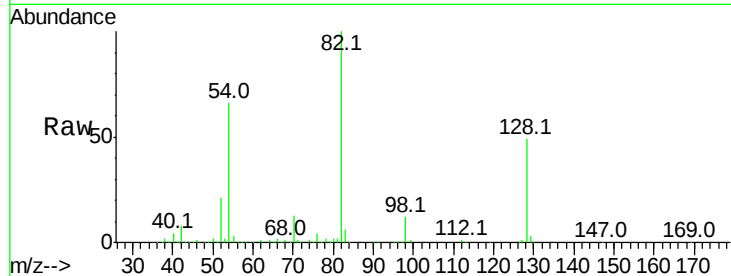
Tot Ion: 82 Resp: 587953

Ion Ratio Lower Upper

82 100

95 0.1 5.3 7.9#

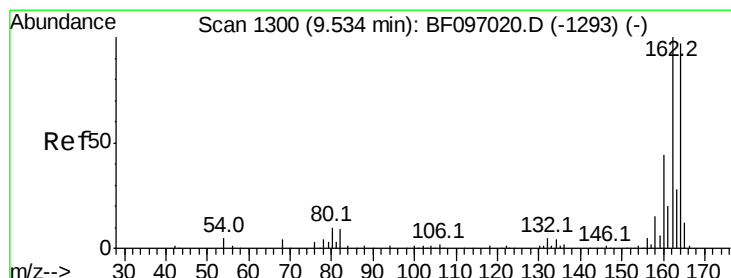
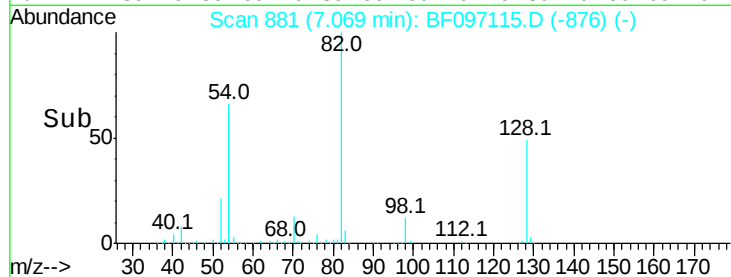
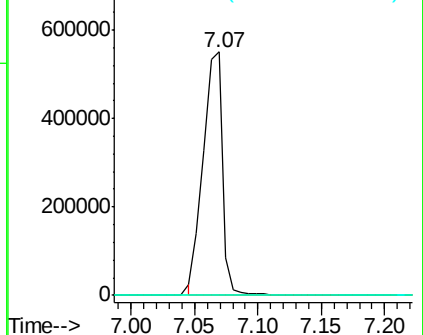
138 0.0 13.1 19.7#



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: 20.000 ng

RT: 9.53 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF097115.D

Acq: 27 Jul 2017 9:58

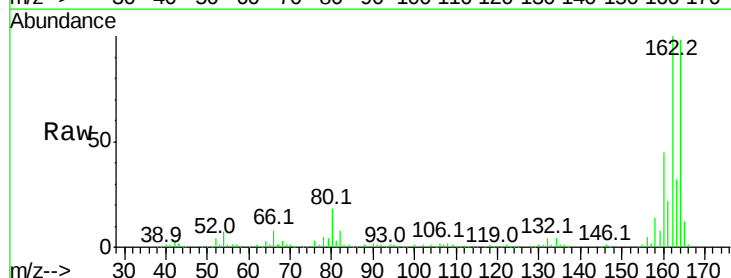
Tgt Ion:164 Resp: 163075

Ion Ratio Lower Upper

164 100

162 102.4 82.6 123.8

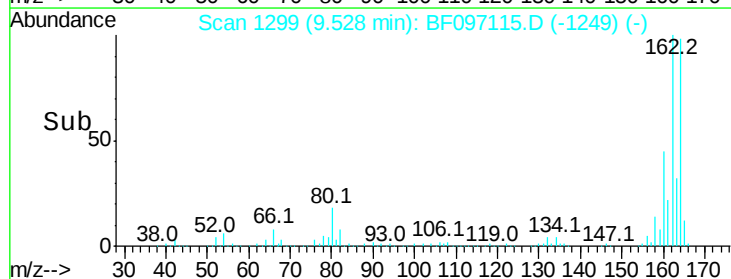
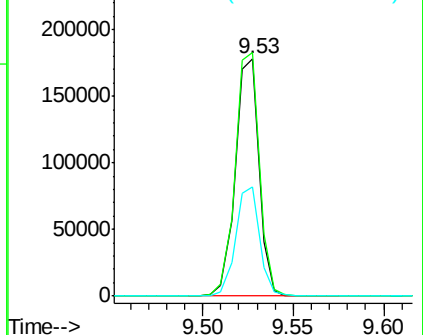
160 46.2 36.2 54.2

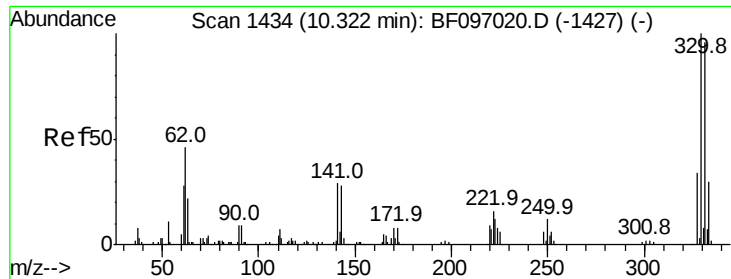


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

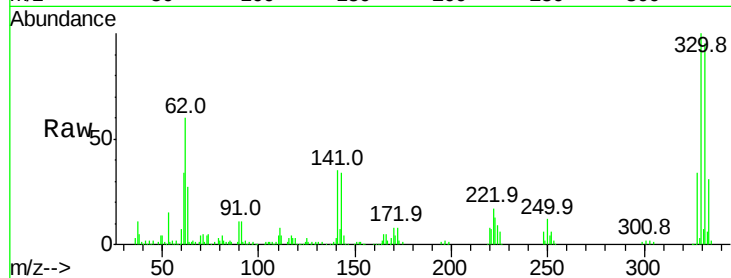




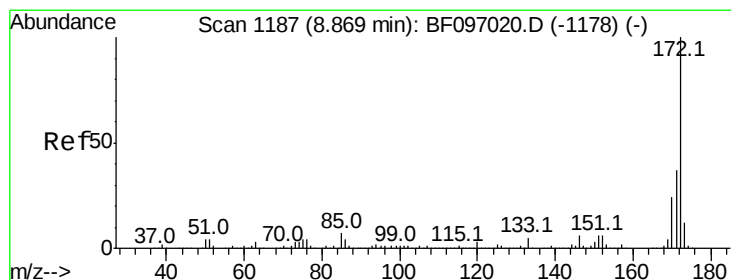
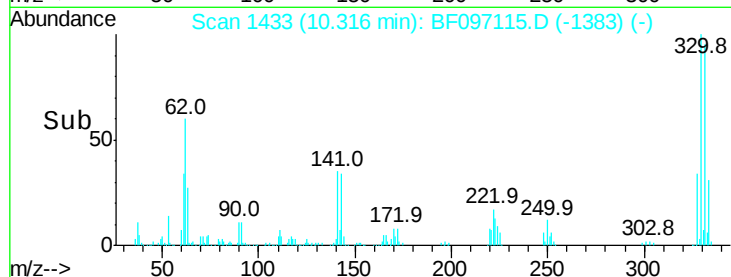
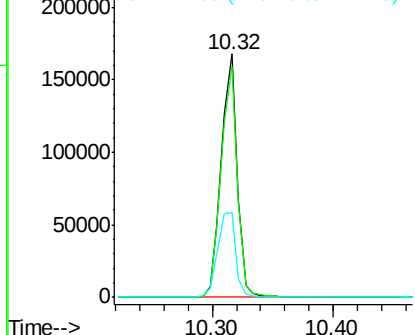
#41
 2,4,6-Tribromophenol
 Concen: 119.154 ng
 RT: 10.32 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF097115.D
 Acq: 27 Jul 2017 9:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 153524
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 115.0
 141 39.5 31.4 47.2

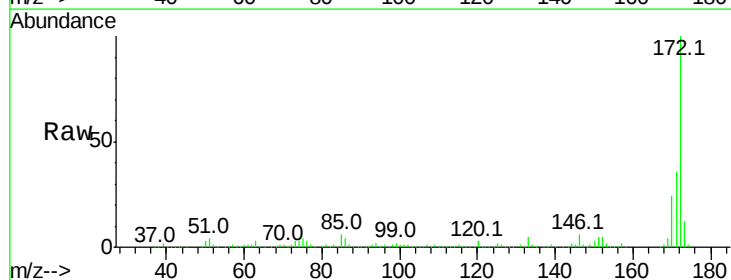


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

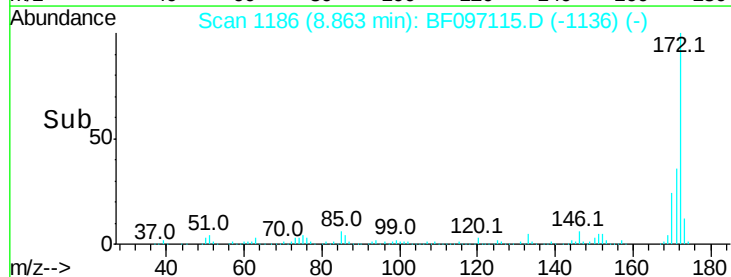
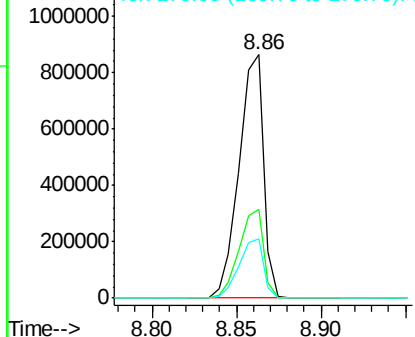


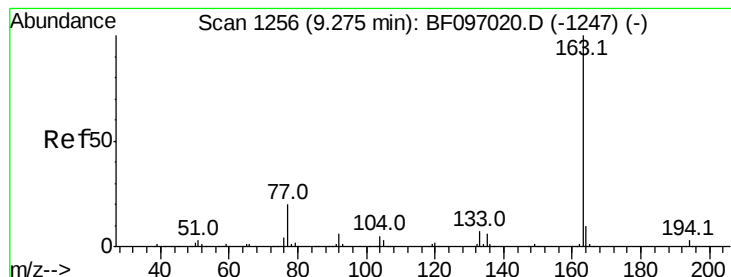
#44
 2-Fluorobiphenyl
 Concen: 91.549 ng
 RT: 8.86 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF097115.D
 Acq: 27 Jul 2017 9:58

Tgt Ion:172 Resp: 879703
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 24.1 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: 9.488 ng

RT: 9.26 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF097115.D

Acq: 27 Jul 2017 9:58

Instrument :

BNA_F

ClientSampleId :

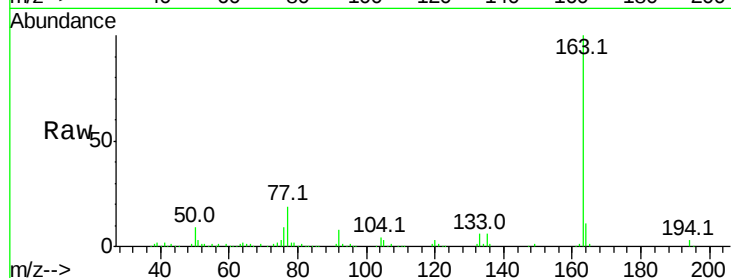
Tot Ion:163 Resp: 117491

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

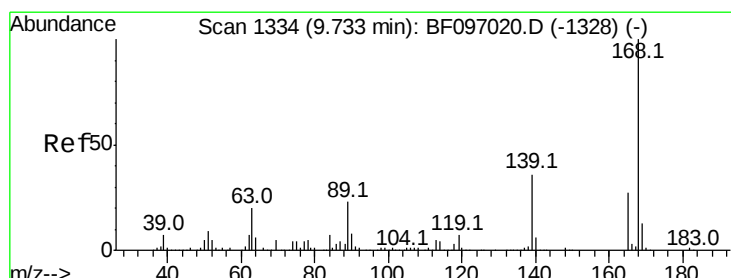
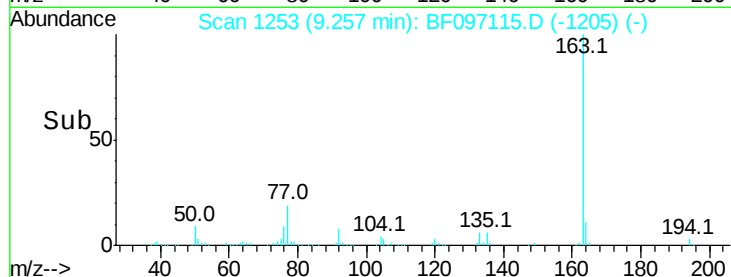
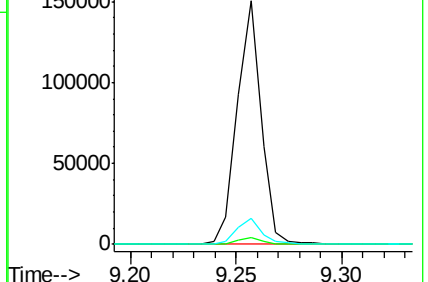
164 10.7 8.4 12.6



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: 7.100 ng

RT: 9.52 min Scan# 1298

Delta R.T. -0.21 min

Lab File: BF097115.D

Acq: 27 Jul 2017 9:58

Tgt Ion:165 Resp: 21439

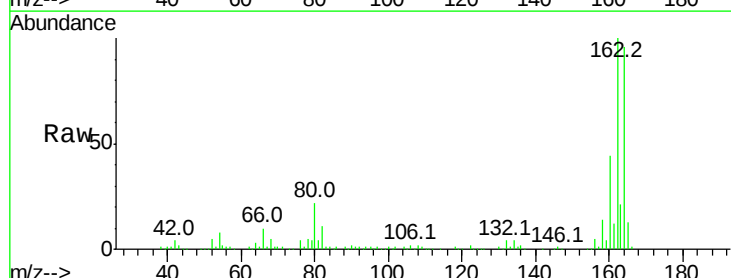
Ion Ratio Lower Upper

165 100

63 1.9 25.4 38.0#

89 1.8 46.4 69.6#

182 0.0 1.8 2.6#

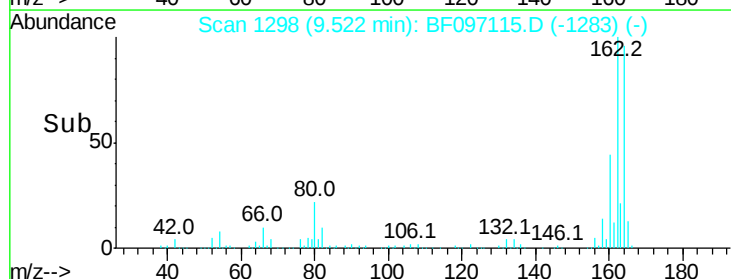
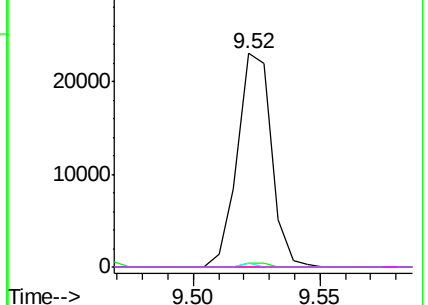


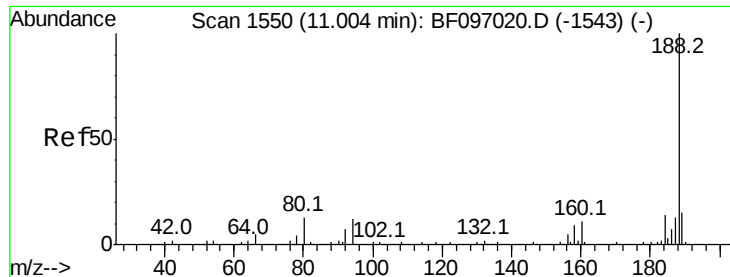
Abundance Ion 165.00 (164.70 to 165.70): E

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

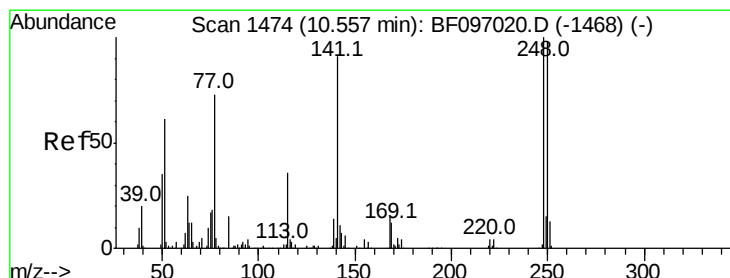
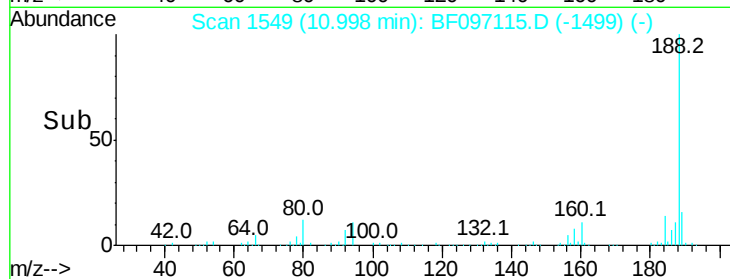
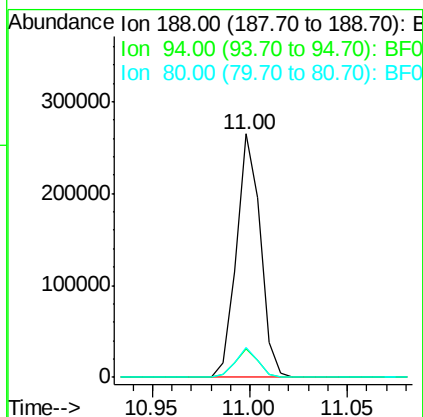
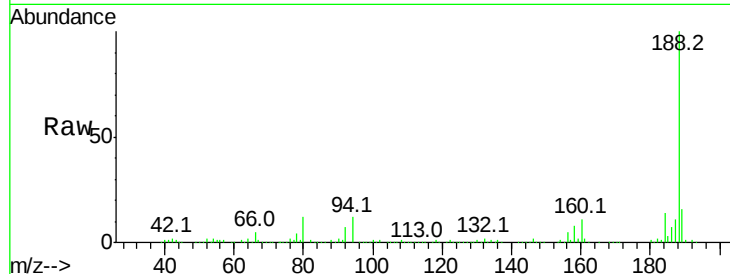




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.00 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF097115.D
 Acq: 27 Jul 2017 9:58

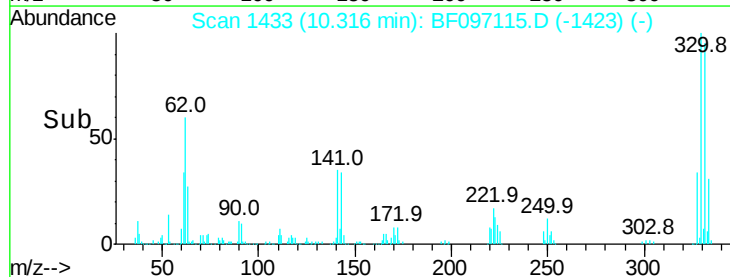
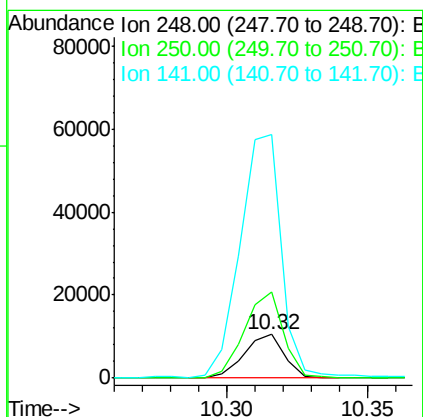
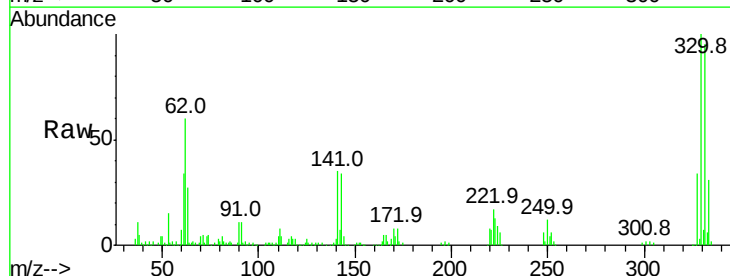
Instrument :
 BNA_F
 ClientSampleId :

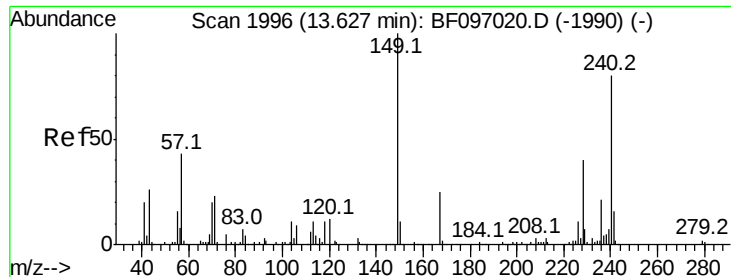
Tot Ion:188 Resp: 224464
 Ion Ratio Lower Upper
 188 100
 94 11.6 9.4 14.2
 80 12.2 10.2 15.2



#66
 4-Bromophenyl-phenylether
 Concen: 4.598 ng
 RT: 10.32 min Scan# 1433
 Delta R.T. -0.24 min
 Lab File: BF097115.D
 Acq: 27 Jul 2017 9:58

Tgt Ion:248 Resp: 10300
 Ion Ratio Lower Upper
 248 100
 250 199.1 76.8 115.2#
 141 561.6 68.6 103.0#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.63 min Scan# 1996

Delta R.T. 0.00 min

Lab File: BF097115.D

Acq: 27 Jul 2017 9:58

Instrument :

BNA_F

ClientSampled :

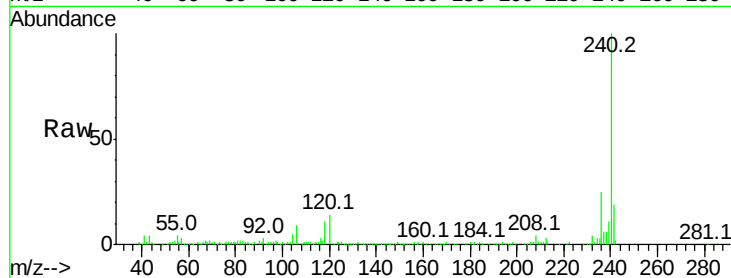
Tot Ion:240 Resp: 185490

Ion Ratio Lower Upper

240 100

120 13.8 5.8 8.8#

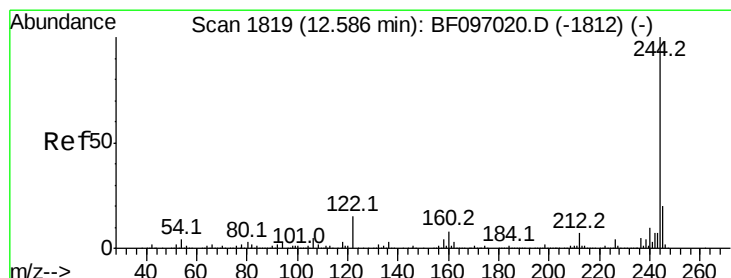
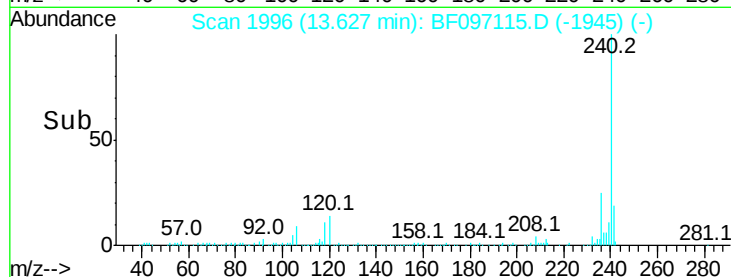
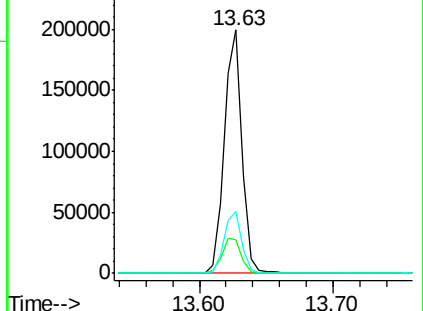
236 25.4 20.5 30.7



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: 54.367 ng

RT: 12.59 min Scan# 1819

Delta R.T. 0.00 min

Lab File: BF097115.D

Acq: 27 Jul 2017 9:58

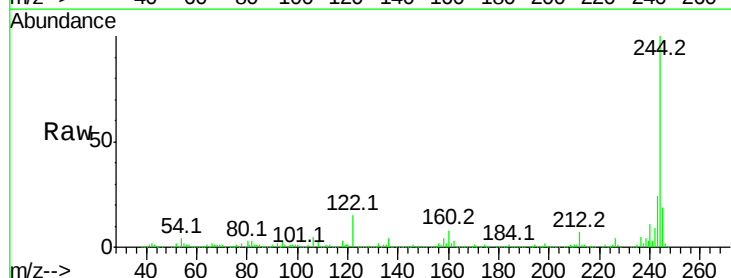
Tgt Ion:244 Resp: 494615

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

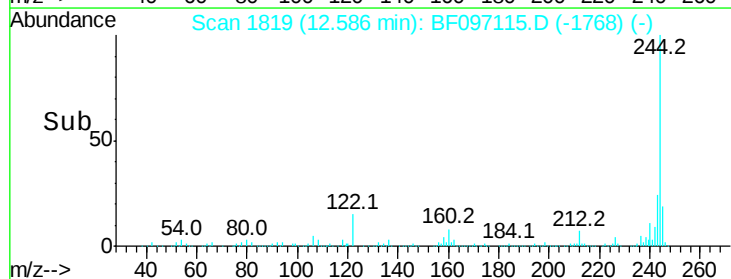
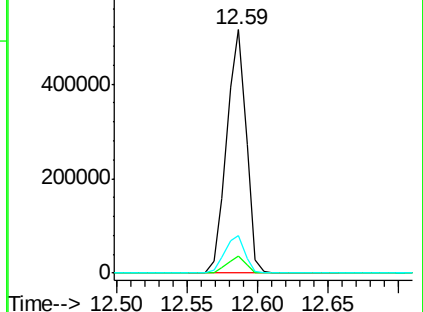
122 15.4 10.3 15.5

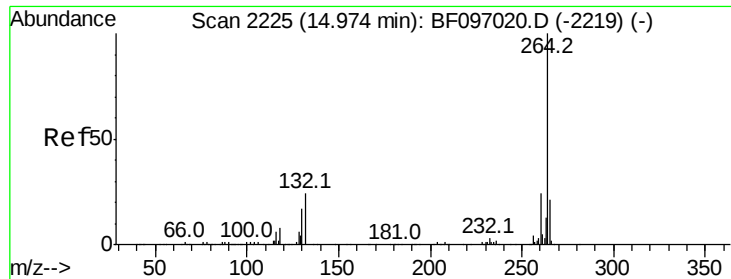


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

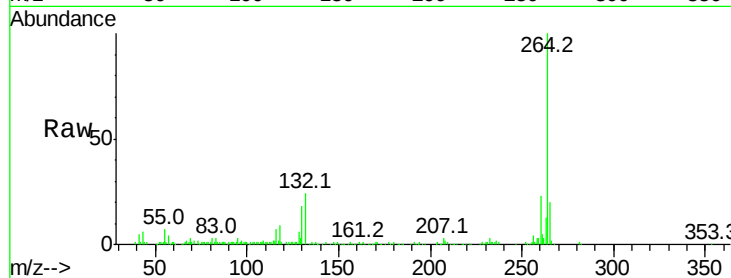




#86
Pervlene-d12
Concen: 20.000 ng
RT: 14.98 min Scan# 2226
Delta R.T. 0.01 min
Lab File: BF097115.D
Acq: 27 Jul 2017 9:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	20.5	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

