

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080417\
 Data File : BF097373.D
 Acq On : 4 Aug 2017 23:23
 Operator : SJ/JU
 Sample : I4546-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SCREENED-2-INCH-MINUS-A

Quant Time: Aug 05 01:29:12 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 01:17:22 2017
 Response via : Initial Calibration

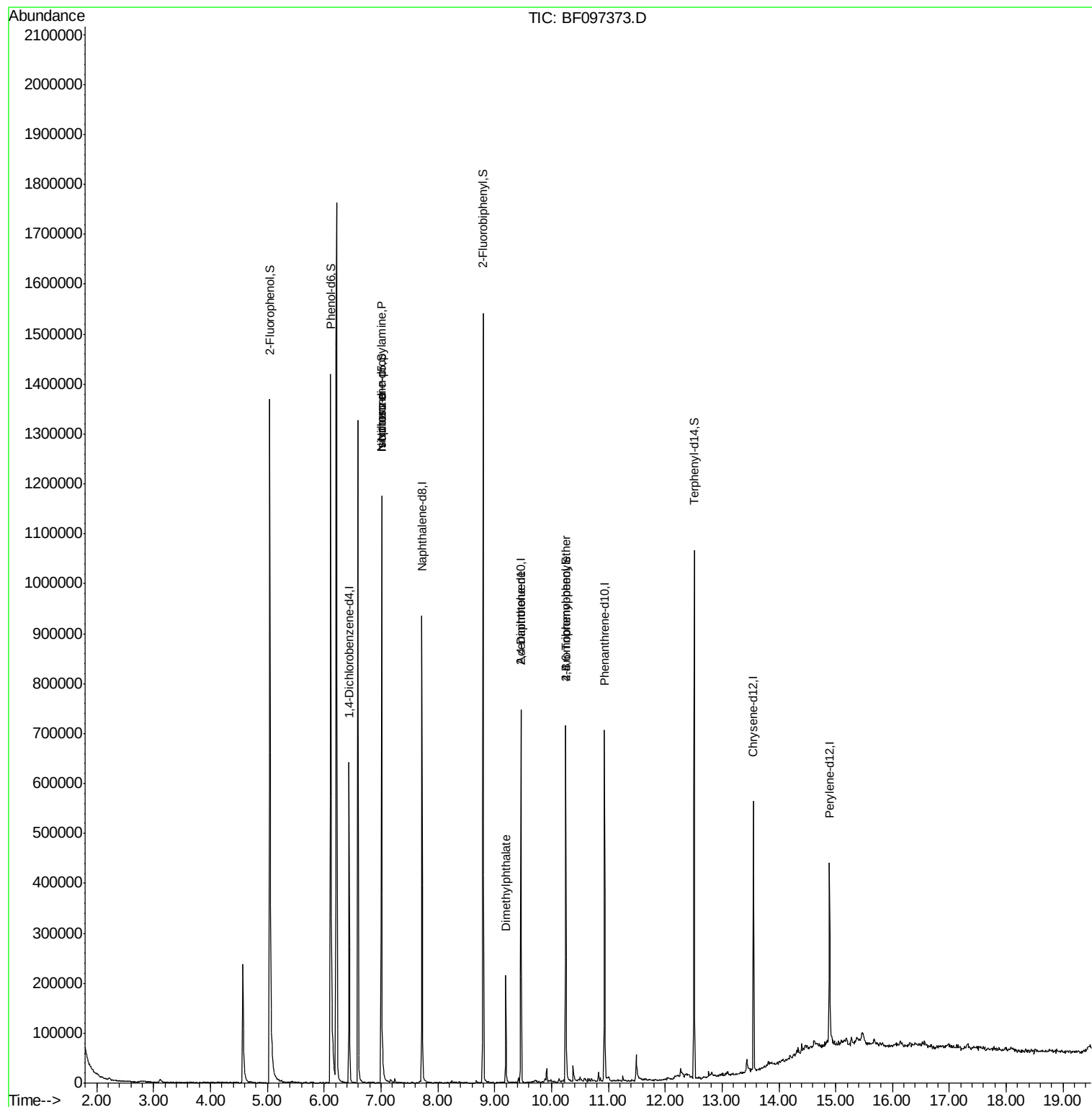
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.44	152	96320	20.00	ng	-0.06
21) Naphthalene-d8	7.72	136	400683	20.00	ng	-0.06
38) Acenaphthene-d10	9.46	164	152965	20.00	ng	-0.07
63) Phenanthrene-d10	10.93	188	231238	20.00	ng	-0.07
75) Chrysene-d12	13.55	240	171467	20.00	ng	-0.08
86) Perylene-d12	14.89	264	135650	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	504948	79.03	ng	-0.06
7) Phenol-d6	6.11	99	599597	82.20	ng	-0.06
23) Nitrobenzene-d5	7.01	82	359826	52.68	ng	-0.06
41) 2,4,6-Tribromophenol	10.25	330	79762	66.00	ng	-0.07
44) 2-Fluorobiphenyl	8.80	172	496410	55.08	ng	-0.07
78) Terphenyl-d14	12.51	244	298483	35.49	ng	-0.08
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.01	70	47753	9.95	ng	# 85
25) Isophorone	7.01	82	352530	26.36	ng	# 67
49) Dimethylphthalate	9.20	163	86575	7.45	ng	99
56) 2,4-Dinitrotoluene	9.46	165	19346	6.83	ng	# 32
66) 4-Bromophenyl-phenylether	10.25	248	5183	2.25	ng	# 1

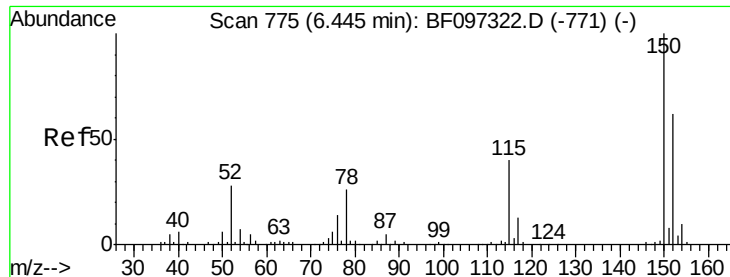
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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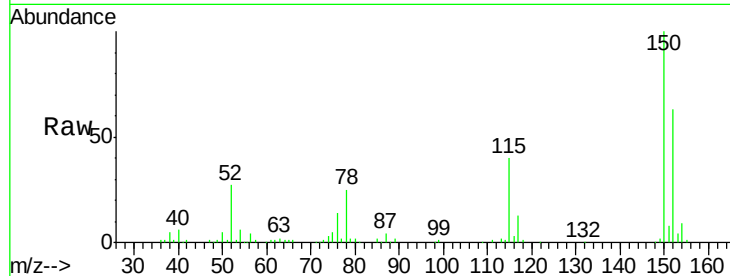


#1

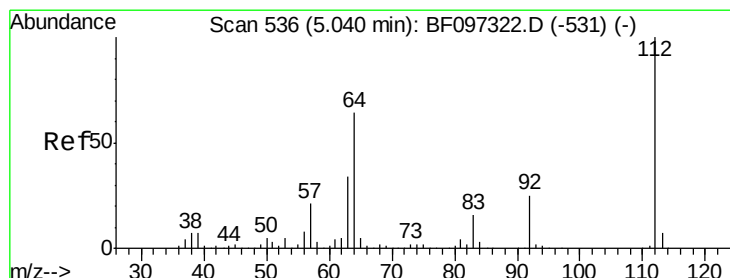
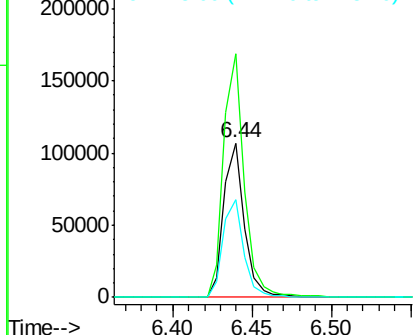
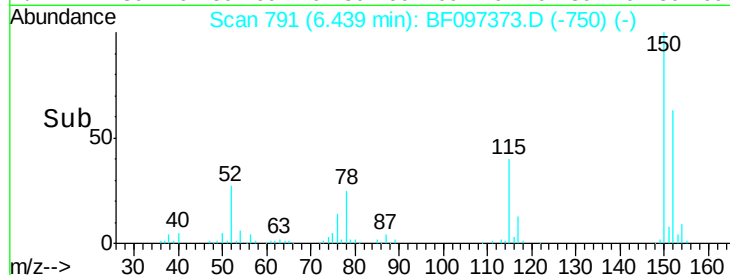
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.44 min Scan# 791
Delta R.T. -0.06 min
Lab File: BF097373.D
Acq: 4 Aug 2017 23:23

Instrument :
BNA_F
ClientSampleId :
SCREENED-2-INCH-MINUS-A

Tot Ion:152 Resp: 96320
Ion Ratio Lower Upper
152 100
150 157.9 126.2 189.2
115 63.1 52.2 78.2



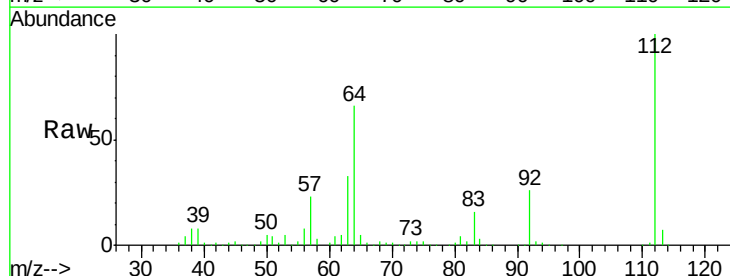
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



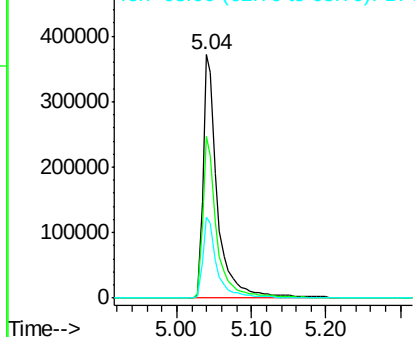
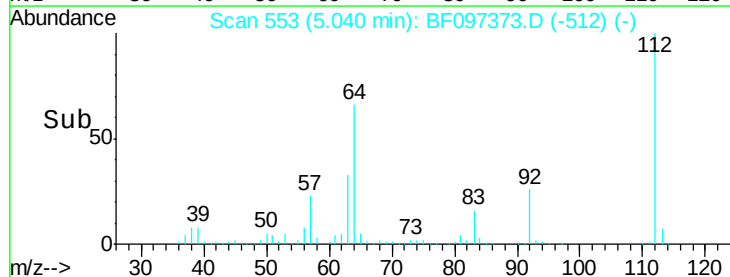
#5

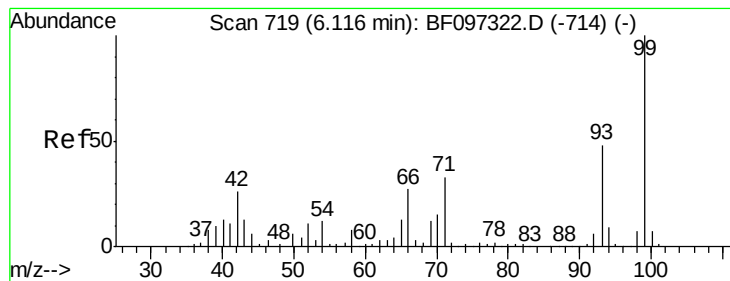
2-Fluorophenol
Concen: 79.03 ng
RT: 5.04 min Scan# 553
Delta R.T. -0.06 min
Lab File: BF097373.D
Acq: 4 Aug 2017 23:23

Tgt Ion:112 Resp: 504948
Ion Ratio Lower Upper
112 100
64 66.4 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: 82.20 ng

RT: 6.11 min Scan# 735

Delta R.T. -0.06 min

Lab File: BF097373.D

Acq: 4 Aug 2017 23:23

Instrument :

BNA_F

ClientSampleId :

SCREENED-2-INCH-MINUS-A

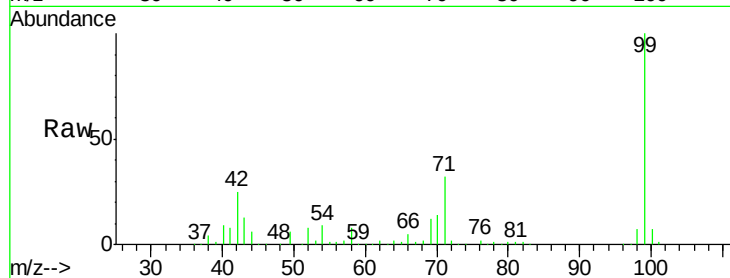
Tot Ion: 99 Resp: 599597

Ion Ratio Lower Upper

99 100

42 24.6 13.5 20.3#

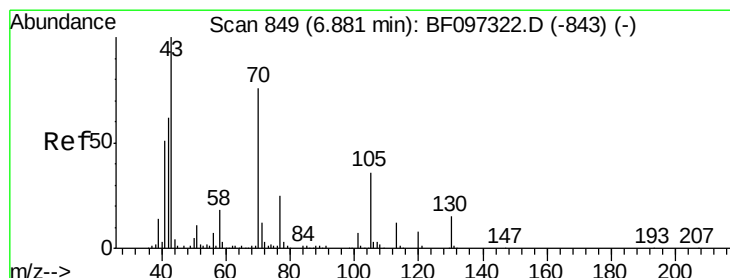
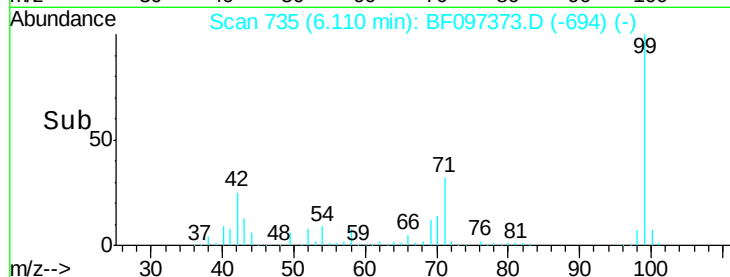
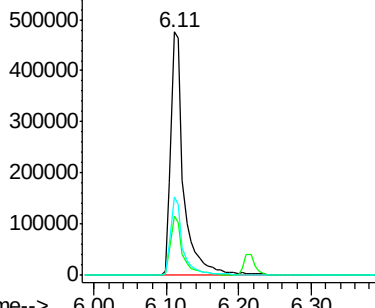
71 32.0 24.5 36.7



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: 9.95 ng

RT: 7.01 min Scan# 888

Delta R.T. 0.08 min

Lab File: BF097373.D

Acq: 4 Aug 2017 23:23

Tgt Ion: 70 Resp: 47753

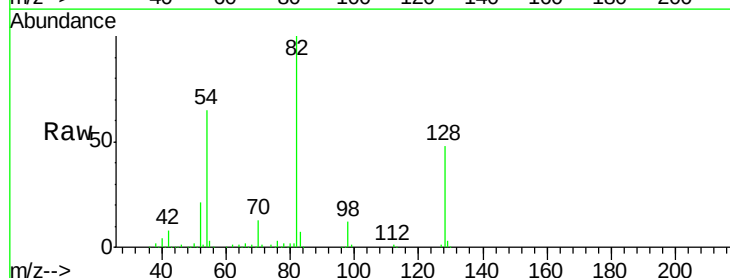
Ion Ratio Lower Upper

70 100

42 63.8 47.2 70.8

101 0.0 7.2 10.8#

130 2.4 15.9 23.9#

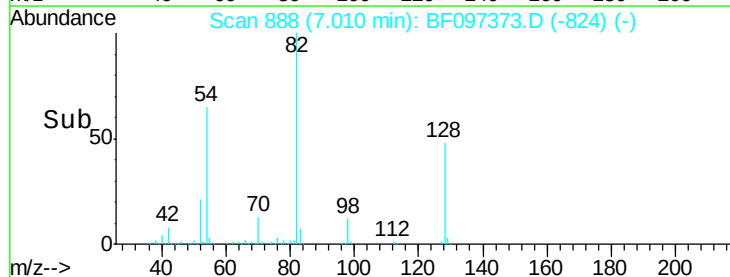
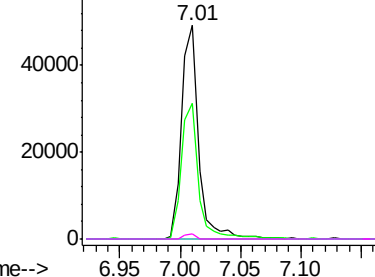


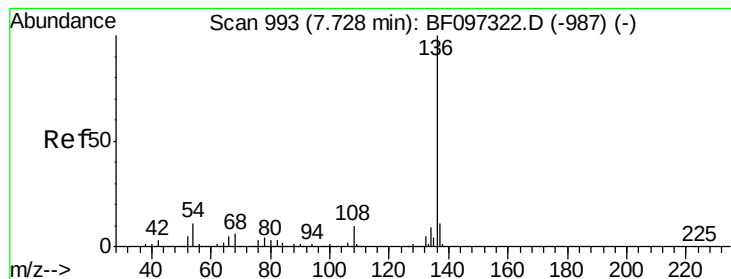
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.72 min Scan# 1009

Delta R.T. -0.06 min

Lab File: BF097373.D

Acq: 4 Aug 2017 23:23

Instrument :

BNA_F

ClientSampleId :

SCREENED-2-INCH-MINUS-A

Tot Ion:136 Resp: 400683

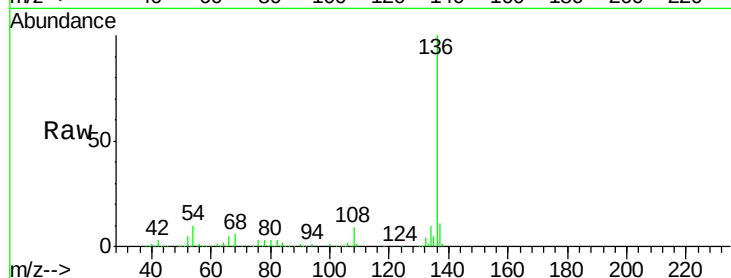
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 9.9 4.9 7.3#

68 6.0 4.1 6.1

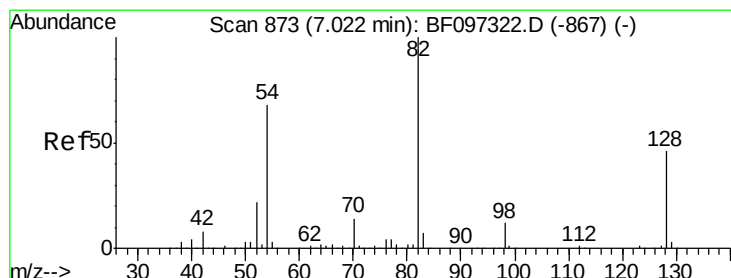
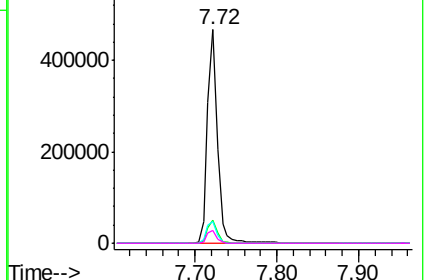
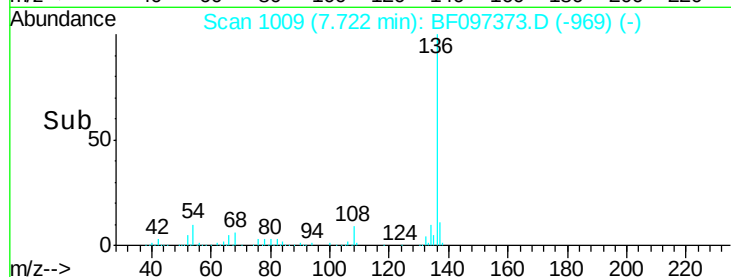


Abundance Ion 136.00 (135.70 to 136.70): E

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: 52.68 ng

RT: 7.01 min Scan# 888

Delta R.T. -0.06 min

Lab File: BF097373.D

Acq: 4 Aug 2017 23:23

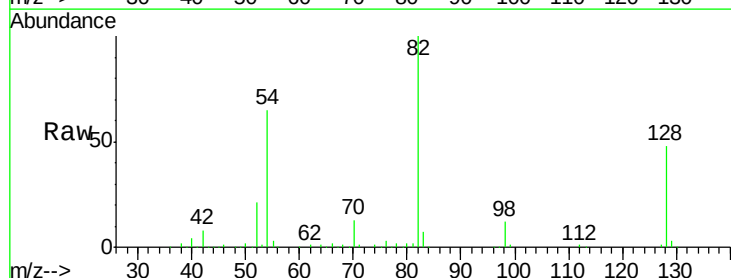
Tgt Ion: 82 Resp: 359826

Ion Ratio Lower Upper

82 100

128 47.5 34.0 51.0

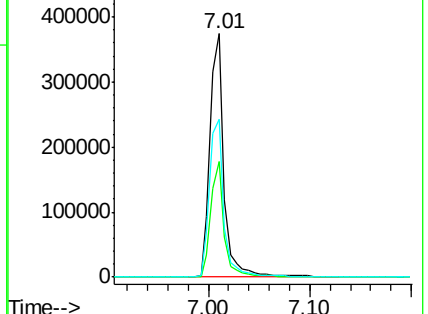
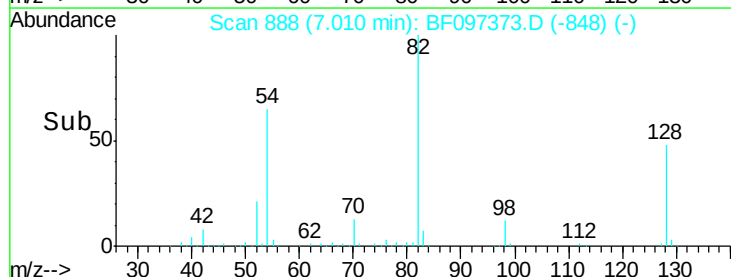
54 65.1 42.2 63.2#

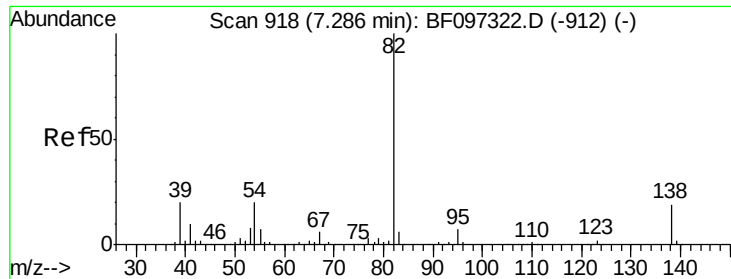


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 26.36 ng

RT: 7.01 min Scan# 888

Delta R.T. -0.33 min

Lab File: BF097373.D

Acq: 4 Aug 2017 23:23

Instrument :

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ClientSampleId :

SCREENED-2-INCH-MINUS-A

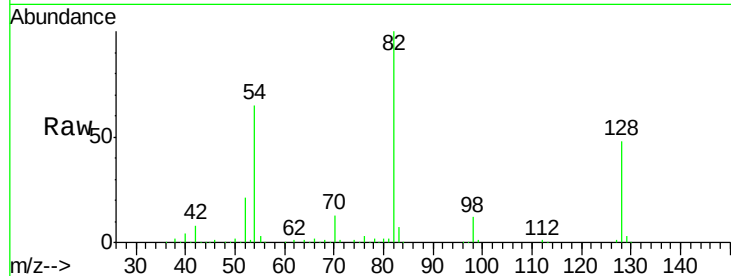
Tot Ion: 82 Resp: 352530

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

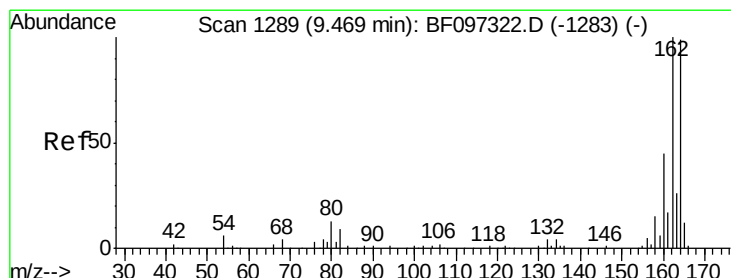
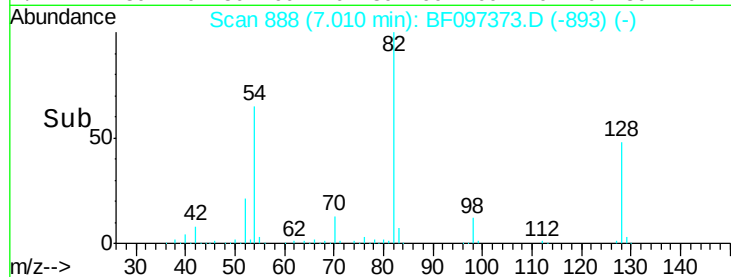
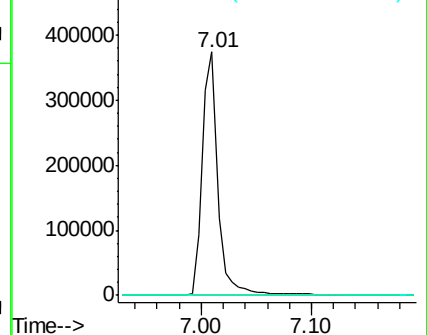
138 0.0 13.1 19.7#



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: 20.00 ng

RT: 9.46 min Scan# 1305

Delta R.T. -0.07 min

Lab File: BF097373.D

Acq: 4 Aug 2017 23:23

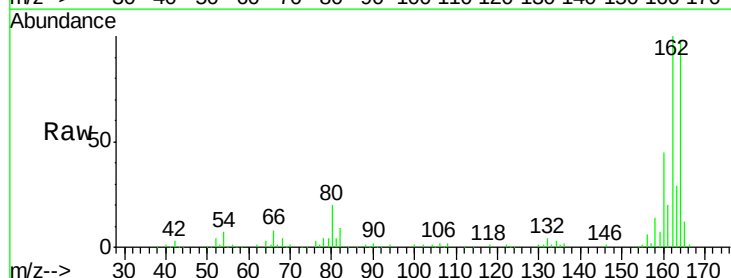
Tgt Ion:164 Resp: 152965

Ion Ratio Lower Upper

164 100

162 102.4 82.6 123.8

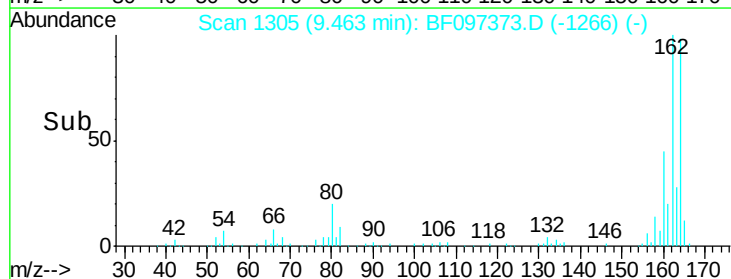
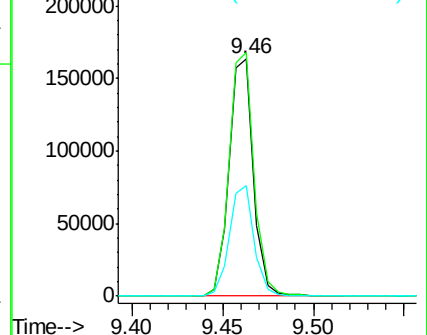
160 46.4 36.2 54.2

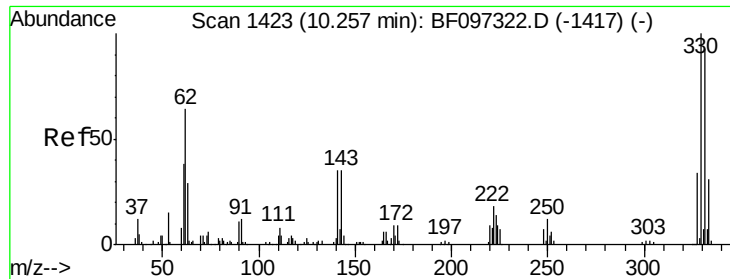


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

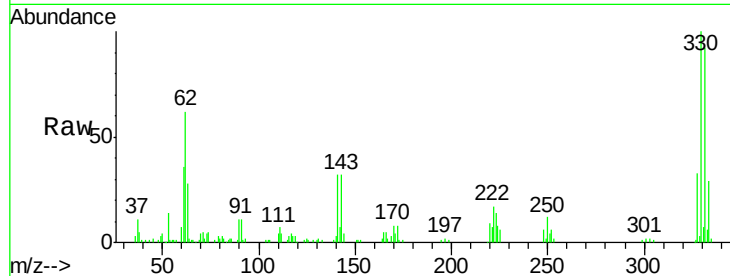




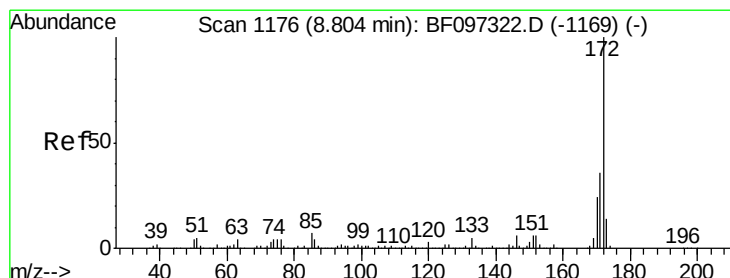
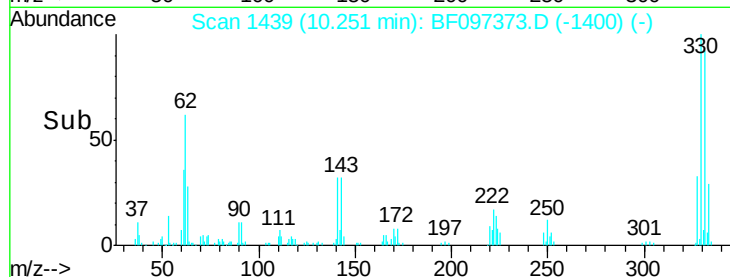
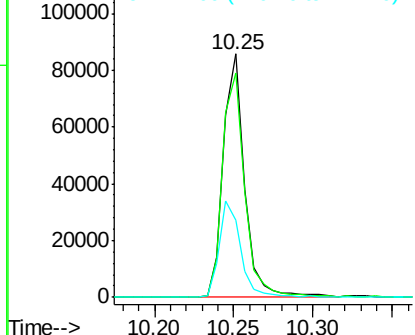
#41
 2,4,6-Tribromophenol
 Concen: 66.00 ng
 RT: 10.25 min Scan# 1439
 Delta R.T. -0.07 min
 Lab File: BF097373.D
 Acq: 4 Aug 2017 23:23

Instrument :
 BNA_F
 ClientSampleId :
 SCREENED-2-INCH-MINUS-A

Tot Ion:330 Resp: 79762
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 115.0
 141 39.8 31.4 47.2

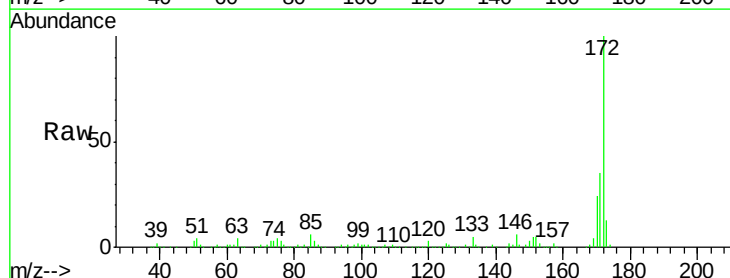


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

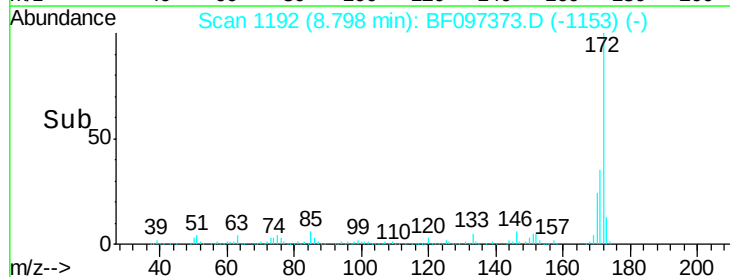
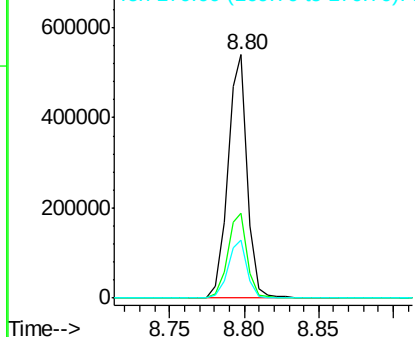


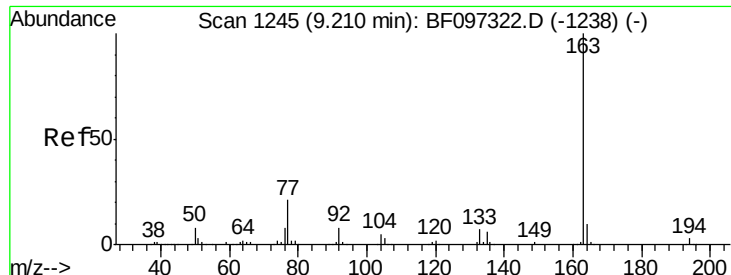
#44
 2-Fluorobiphenyl
 Concen: 55.08 ng
 RT: 8.80 min Scan# 1192
 Delta R.T. -0.07 min
 Lab File: BF097373.D
 Acq: 4 Aug 2017 23:23

Tgt Ion:172 Resp: 496410
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.6 44.4
 170 23.7 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

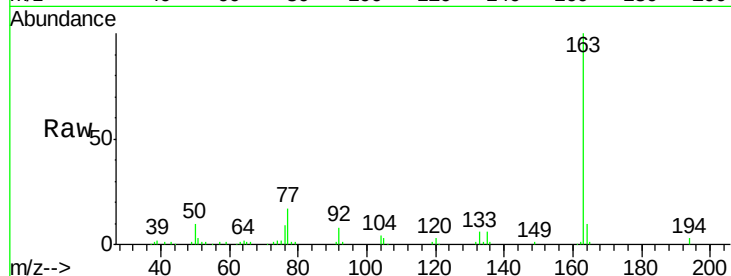




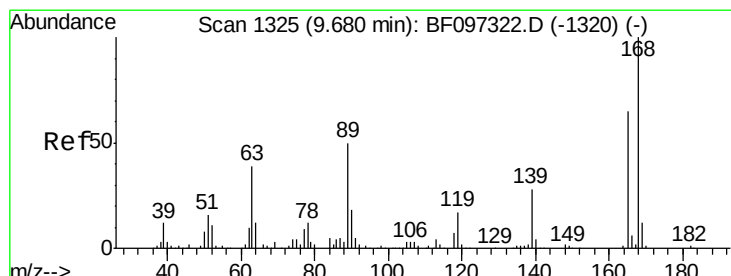
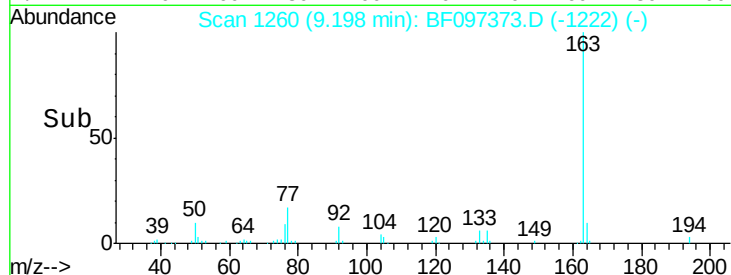
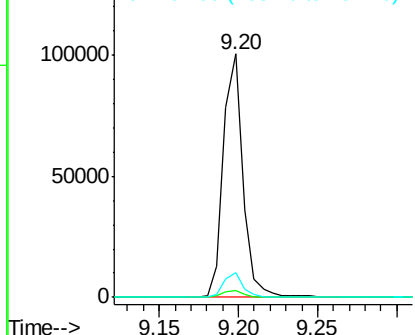
#49
Dimethylphthalate
Concen: 7.45 ng
RT: 9.20 min Scan# 1260
Delta R.T. -0.08 min
Lab File: BF097373.D
Acq: 4 Aug 2017 23:23

Instrument :
BNA_F
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SCREENED-2-INCH-MINUS-A

Tot Ion:163 Resp: 86575
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 10.0 8.4 12.6

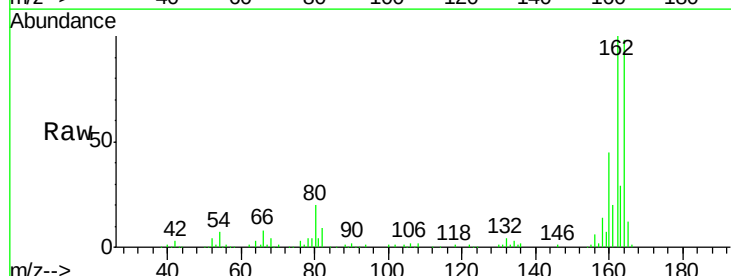


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

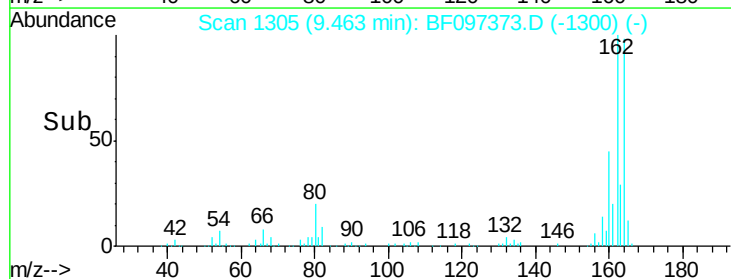
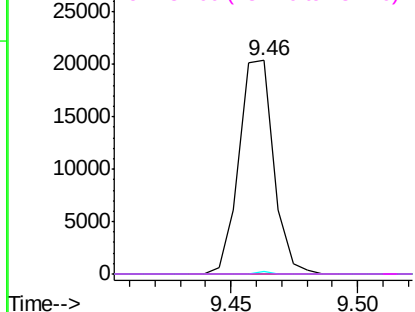


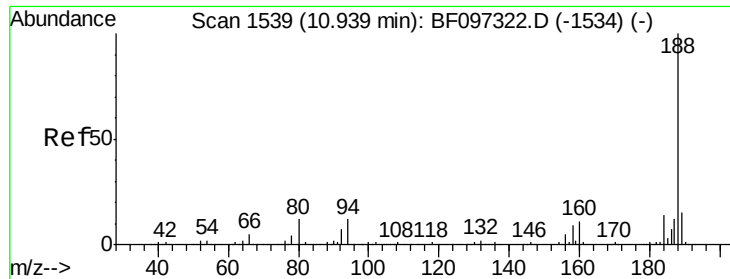
#56
2,4-Dinitrotoluene
Concen: 6.83 ng
RT: 9.46 min Scan# 1305
Delta R.T. -0.27 min
Lab File: BF097373.D
Acq: 4 Aug 2017 23:23

Tgt Ion:165 Resp: 19346
Ion Ratio Lower Upper
165 100
63 0.0 25.4 38.0#
89 1.5 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

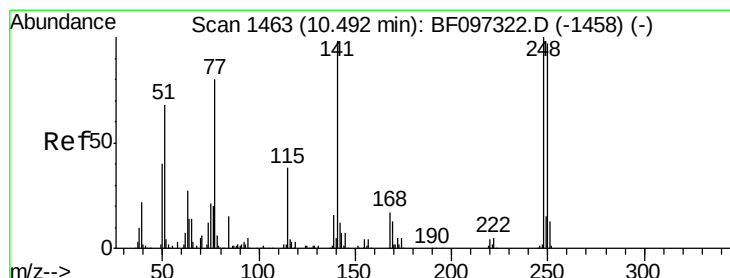
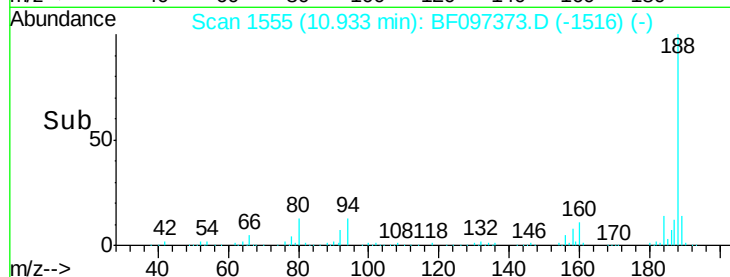
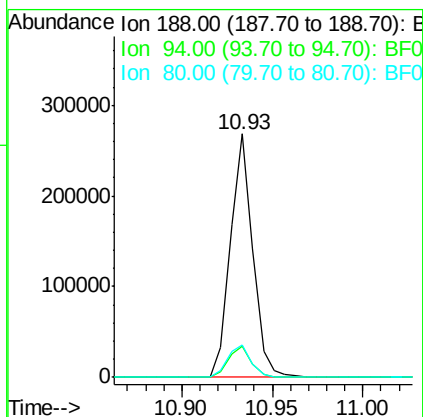
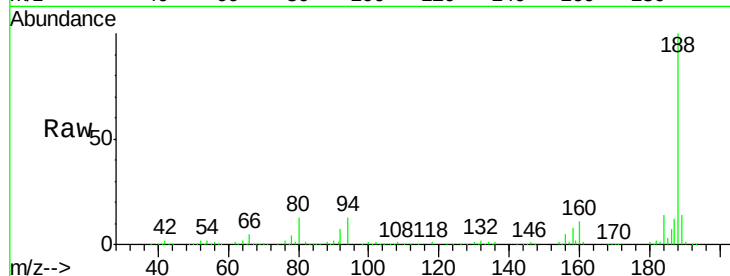




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.93 min Scan# 1555
 Delta R.T. -0.07 min
 Lab File: BF097373.D
 Acq: 4 Aug 2017 23:23

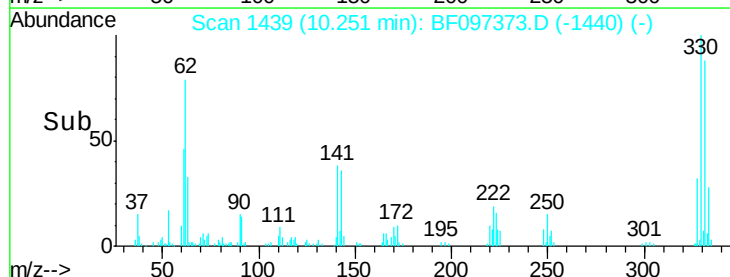
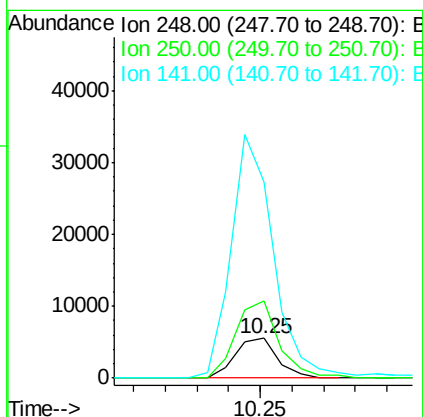
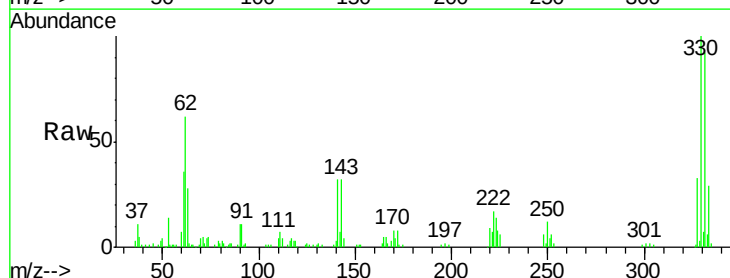
Instrument :
 BNA_F
 ClientSampleId :
 SCREENED-2-INCH-MINUS-A

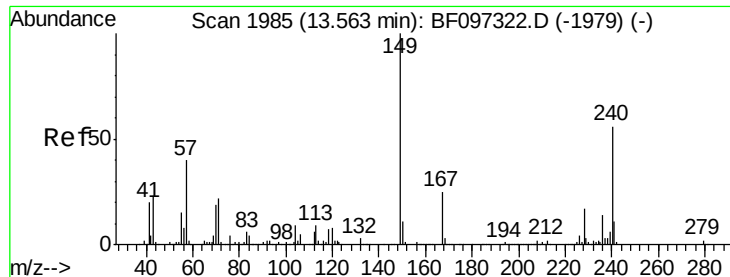
Tot Ion:188 Resp: 231238
 Ion Ratio Lower Upper
 188 100
 94 12.7 9.4 14.2
 80 13.4 10.2 15.2



#66
 4-Bromophenyl-phenylether
 Concen: 2.25 ng
 RT: 10.25 min Scan# 1439
 Delta R.T. -0.31 min
 Lab File: BF097373.D
 Acq: 4 Aug 2017 23:23

Tgt Ion:248 Resp: 5183
 Ion Ratio Lower Upper
 248 100
 250 193.0 76.8 115.2#
 141 492.2 68.6 103.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.55 min Scan# 2000

Delta R.T. -0.08 min

Lab File: BF097373.D

Acq: 4 Aug 2017 23:23

Instrument :

BNA_F

ClientSampleId :

SCREENED-2-INCH-MINUS-A

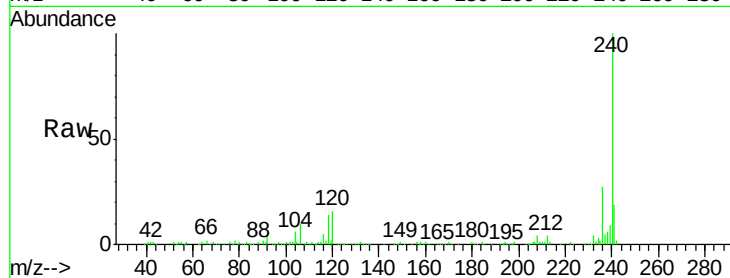
Tot Ion:240 Resp: 171467

Ion Ratio Lower Upper

240 100

120 15.6 5.8 8.8#

236 26.8 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

250000

200000

150000

100000

50000

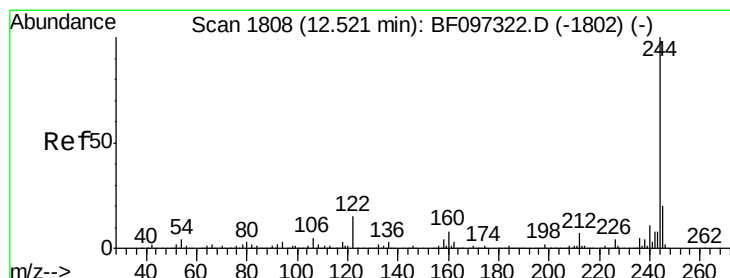
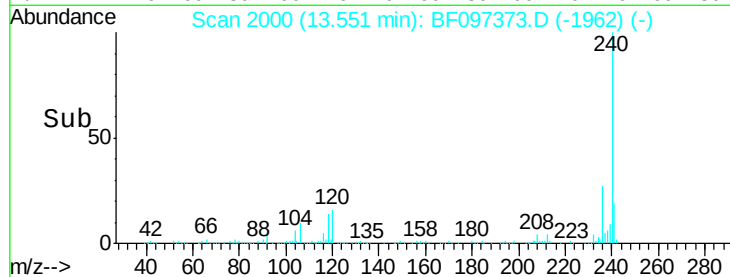
0

13.55

13.50

13.60

Time-->



#78

Terphenyl-d14

Concen: 35.49 ng

RT: 12.51 min Scan# 1823

Delta R.T. -0.08 min

Lab File: BF097373.D

Acq: 4 Aug 2017 23:23

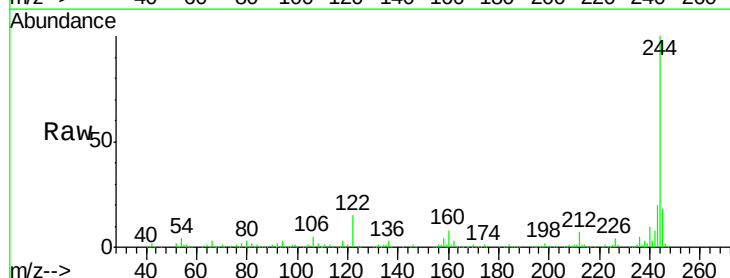
Tgt Ion:244 Resp: 298483

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

122 14.9 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

400000

300000

200000

100000

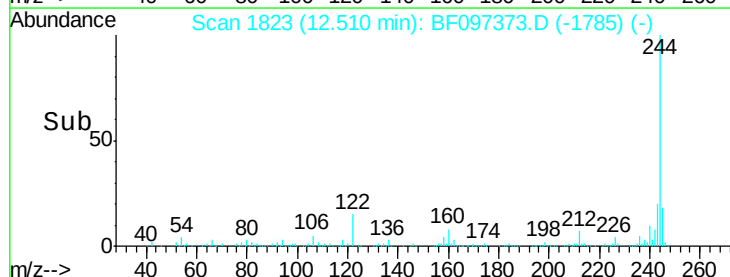
0

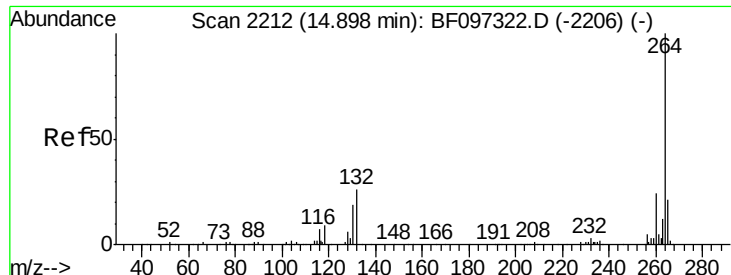
12.51

12.45

12.55

Time-->

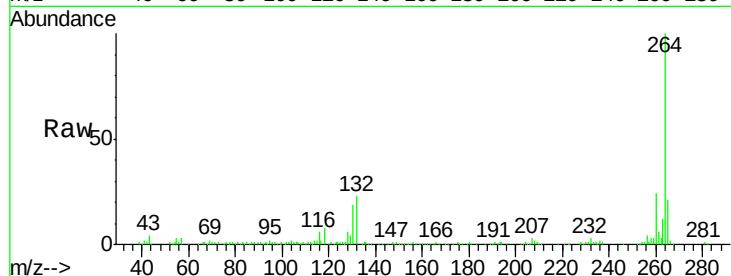




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 14.89 min Scan# 2228
 Delta R.T. -0.08 min
 Lab File: BF097373.D
 Acq: 4 Aug 2017 23:23

Instrument :
 BNA_F
 ClientSampleId :
 SCREENED-2-INCH-MINUS-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	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

