

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090617\
 Data File : BF098305.D
 Acq On : 7 Sep 2017 6:56
 Operator : SJ/JU
 Sample : I5088-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 083017-TIDO-F-D-M

Quant Time: Sep 07 07:25:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 17:28:20 2017
 Response via : Initial Calibration

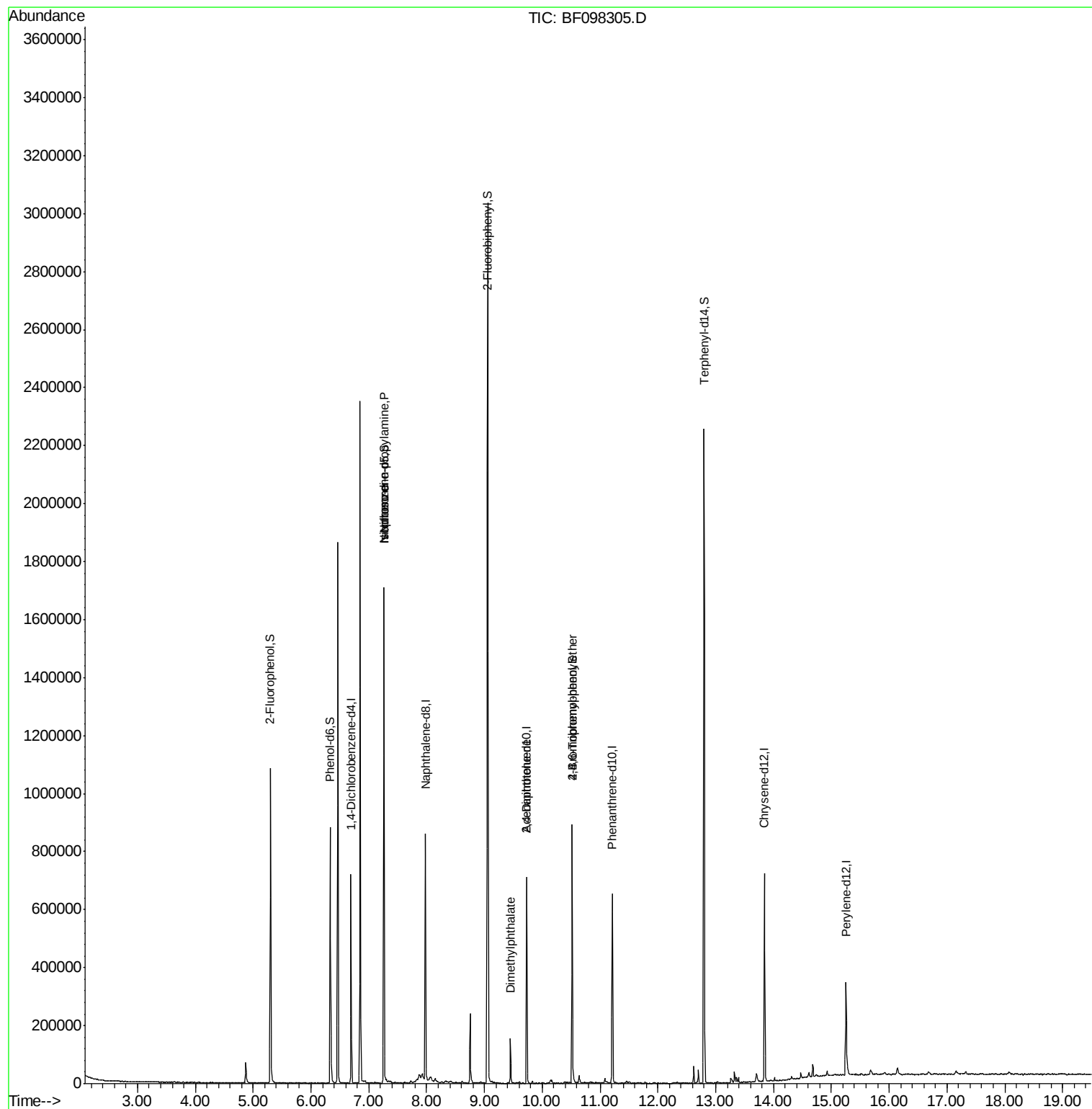
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	102473	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	375270	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	139683	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	233628	20.00	ng	-0.01
75) Chrysene-d12	13.84	240	227095	20.00	ng	-0.02
86) Perylene-d12	15.26	264	150678	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	296433	44.00	ng	0.00
7) Phenol-d6	6.33	99	276817	30.24	ng	-0.02
23) Nitrobenzene-d5	7.26	82	659983	95.54	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	102357	84.45	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	937916	98.65	ng	-0.01
78) Terphenyl-d14	12.80	244	716489	65.79	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	87095	13.90	ng	# 71
25) Isophorone	7.26	82	651671	45.37	ng	# 67
49) Dimethylphthalate	9.45	163	56832	5.57	ng	97
56) 2,4-Dinitrotoluene	9.73	165	17657	6.90	ng	# 31
66) 4-Bromophenyl-phenylether	10.52	248	6321	2.61	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: 6.69 min Scan# 783

Delta R.T. -0.01 min

Lab File: BF098305.D

Acq: 7 Sep 2017 6:56

Instrument :

BNA_F

ClientSampleId :

083017-TIDO-F-D-M

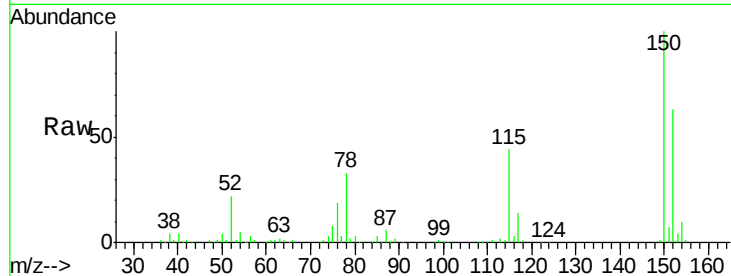
Tot Ion:152 Resp: 102473

Ion Ratio Lower Upper

152 100

150 157.6 126.2 189.2

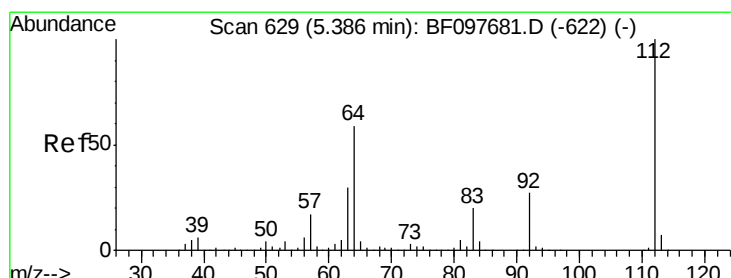
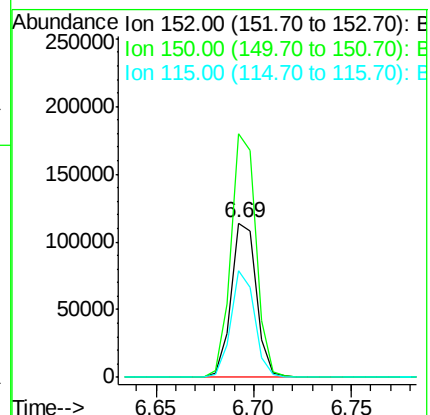
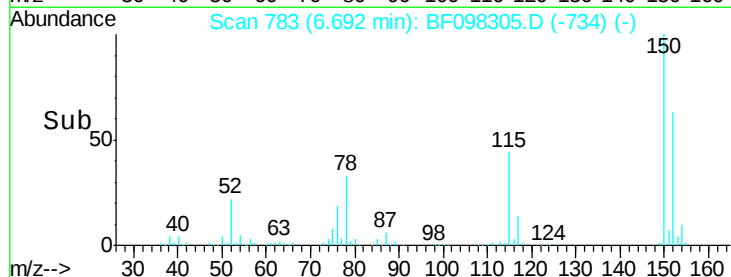
115 69.0 52.2 78.2



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: 44.00 ng

RT: 5.30 min Scan# 546

Delta R.T. -0.01 min

Lab File: BF098305.D

Acq: 7 Sep 2017 6:56

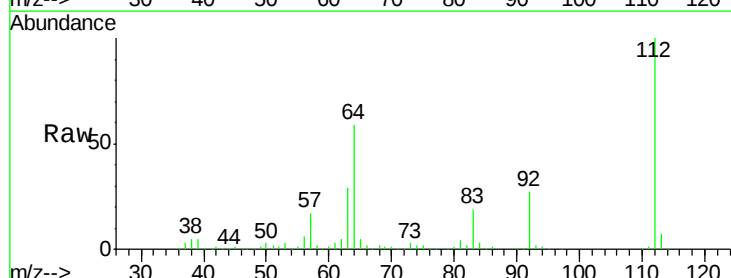
Tgt Ion:112 Resp: 296433

Ion Ratio Lower Upper

112 100

64 58.6 46.0 69.0

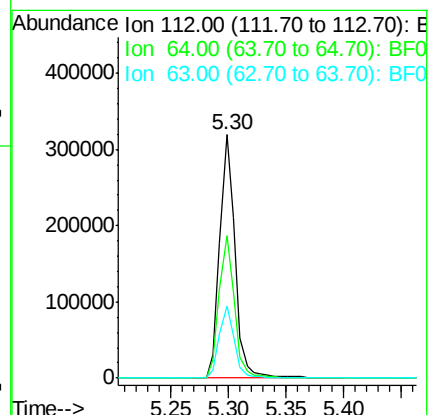
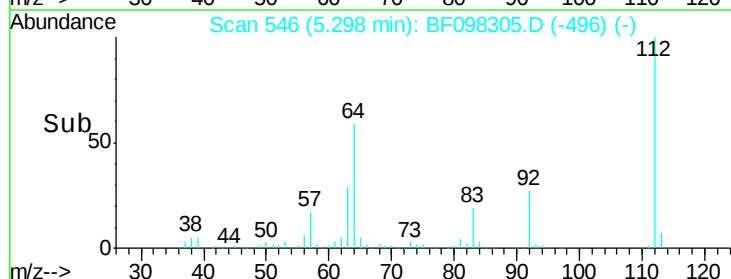
63 29.4 23.4 35.0

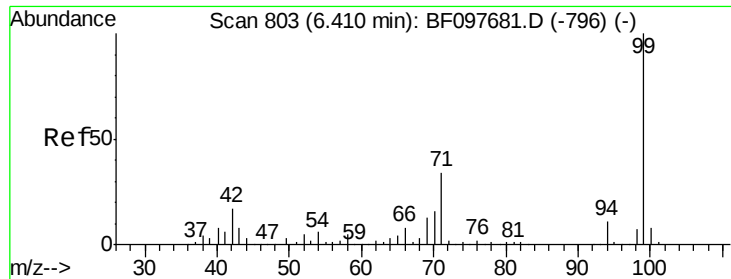


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 30.24 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF098305.D

Acq: 7 Sep 2017 6:56

Instrument :

BNA_F

ClientSampleId :

083017-TIDO-F-D-M

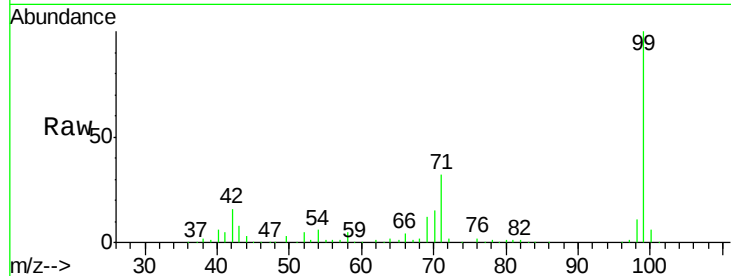
Tot Ion: 99 Resp: 276817

Ion Ratio Lower Upper

99 100

42 15.5 13.5 20.3

71 32.3 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

400000

300000

200000

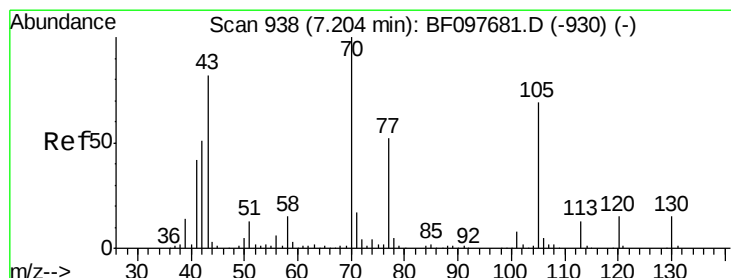
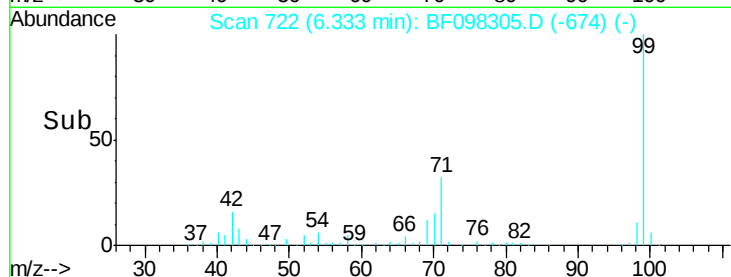
100000

0

6.33

6.40

Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 13.90 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.14 min

Lab File: BF098305.D

Acq: 7 Sep 2017 6:56

Tgt Ion: 70 Resp: 87095

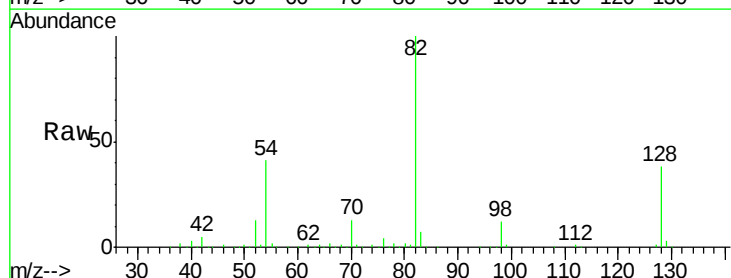
Ion Ratio Lower Upper

70 100

42 39.8 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

100000

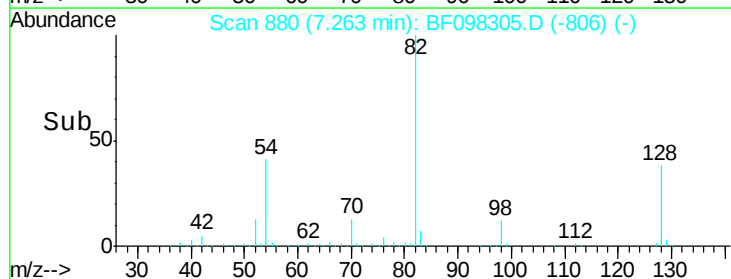
50000

0

7.26

7.30

Time-->





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF098305.D

Acq: 7 Sep 2017 6:56

Instrument :

BNA_F

ClientSampleId :

083017-TIDO-F-D-M

Tot Ion:136 Resp: 375270

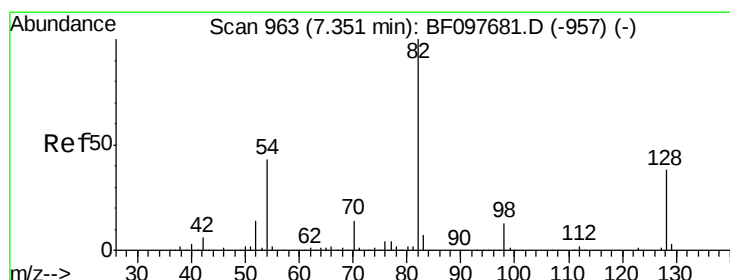
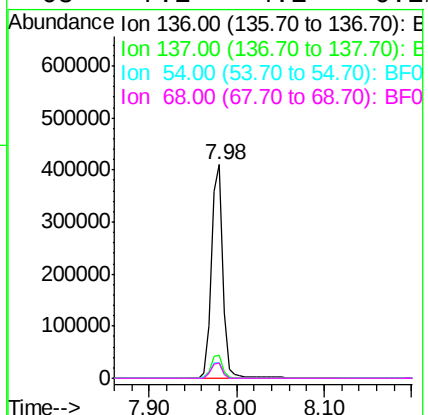
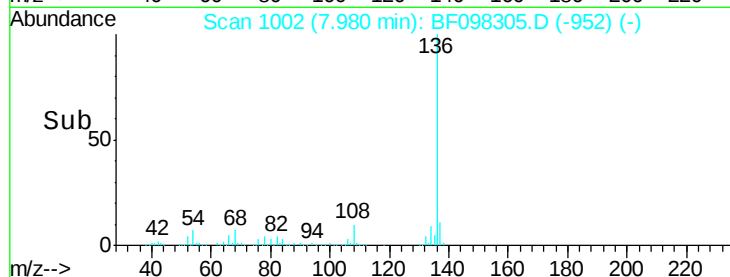
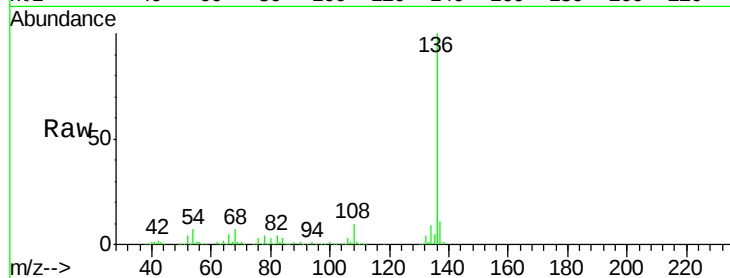
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.2 4.9 7.3

68 7.1 4.1 6.1#



#23

Nitrobenzene-d5

Concen: 95.54 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF098305.D

Acq: 7 Sep 2017 6:56

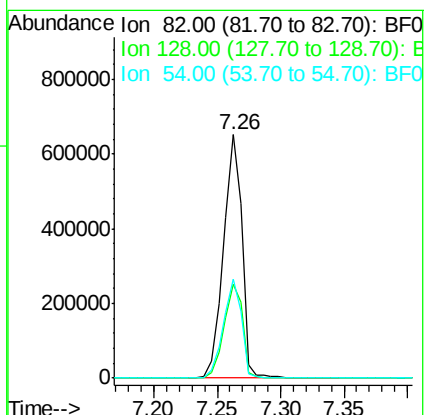
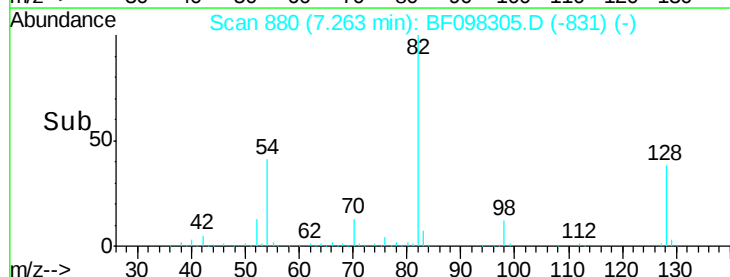
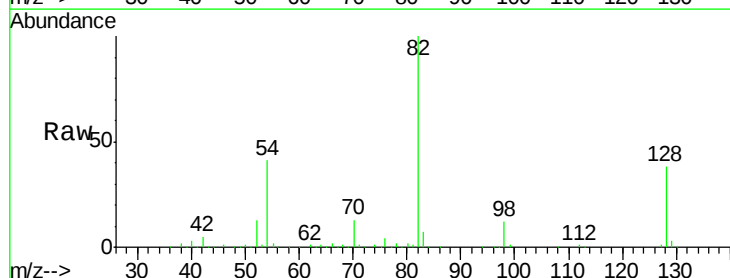
Tgt Ion: 82 Resp: 659983

Ion Ratio Lower Upper

82 100

128 38.5 34.0 51.0

54 40.6 42.2 63.2#





#25

Isophorone

Concen: 45.37 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.27 min

Lab File: BF098305.D

Acq: 7 Sep 2017 6:56

Instrument :

BNA_F

ClientSampleId :

083017-TIDO-F-D-M

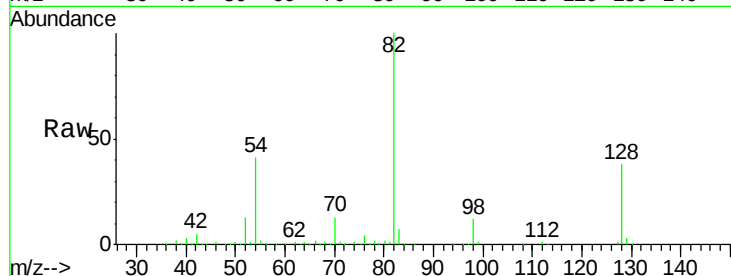
Tot Ion: 82 Resp: 651671

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

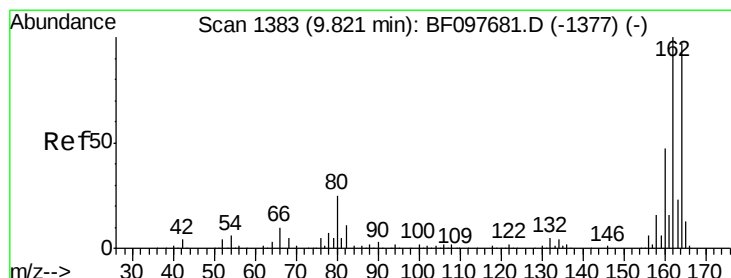
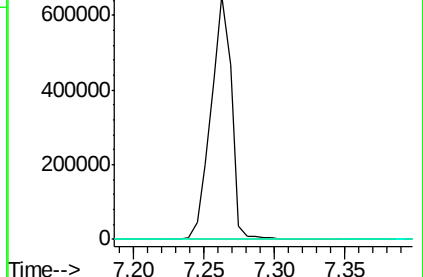
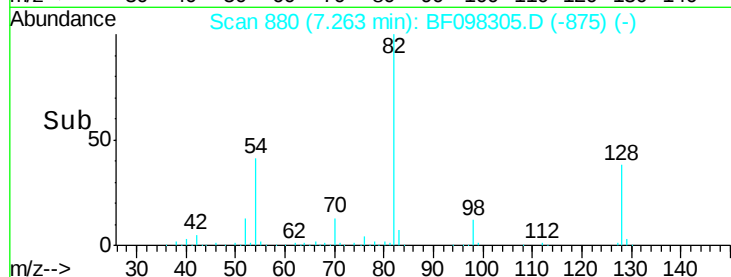
138 0.0 13.1 19.7#



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: 9.73 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF098305.D

Acq: 7 Sep 2017 6:56

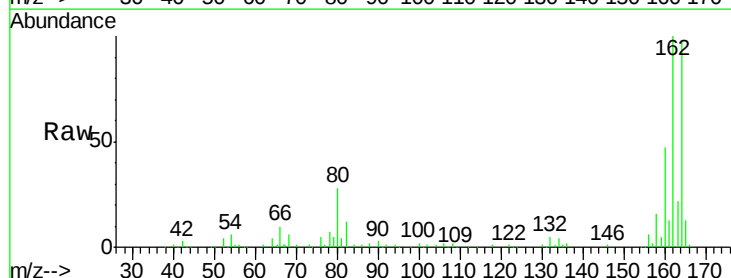
Tgt Ion: 164 Resp: 139683

Ion Ratio Lower Upper

164 100

162 101.8 82.6 123.8

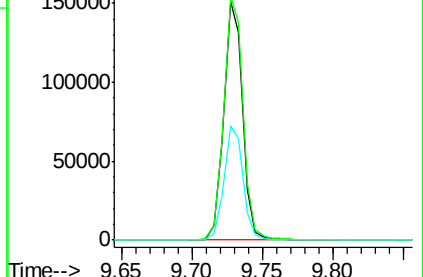
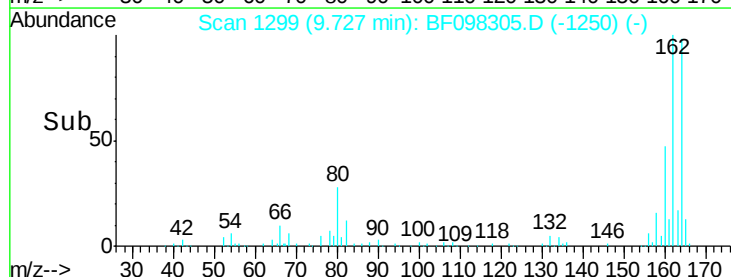
160 47.7 36.2 54.2

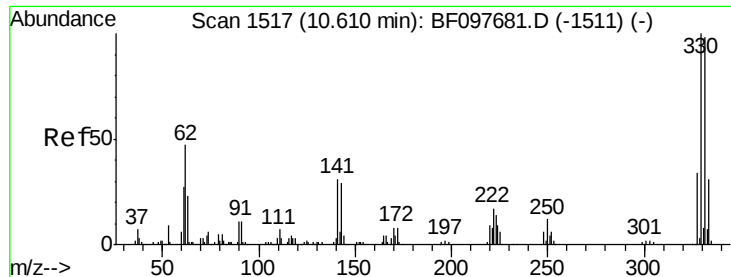


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

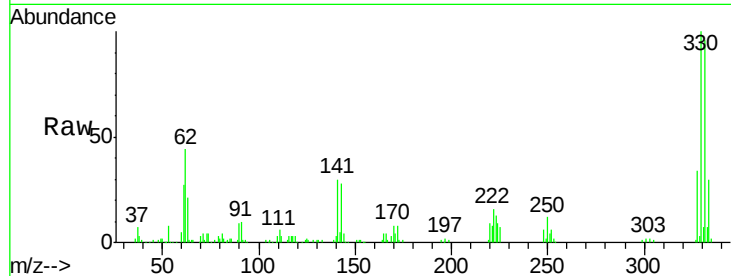




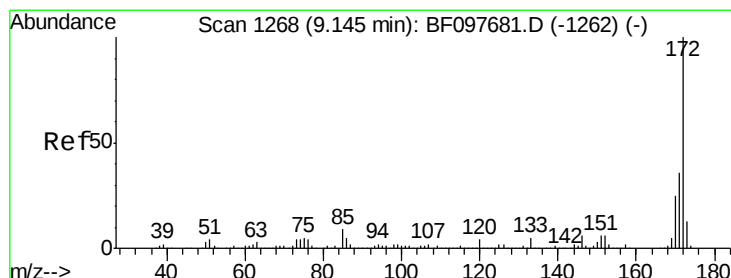
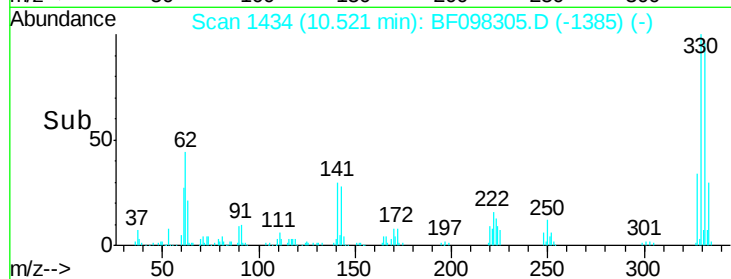
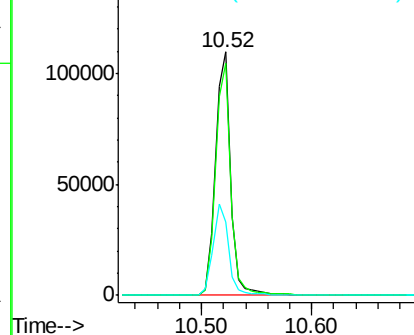
#41
 2,4,6-Tribromophenol
 Concen: 84.45 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF098305.D
 Acq: 7 Sep 2017 6:56

Instrument :
 BNA_F
 ClientSampleId :
 083017-TIDO-F-D-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.6	115.0
141	38.0	31.4	47.2

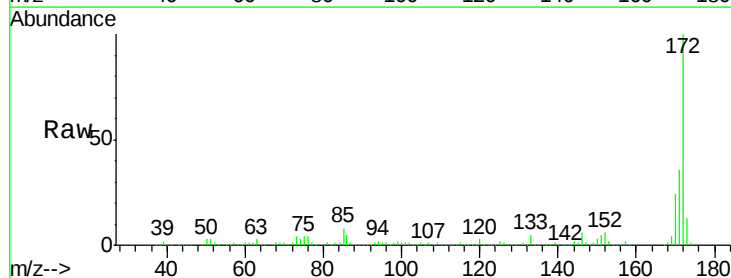


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

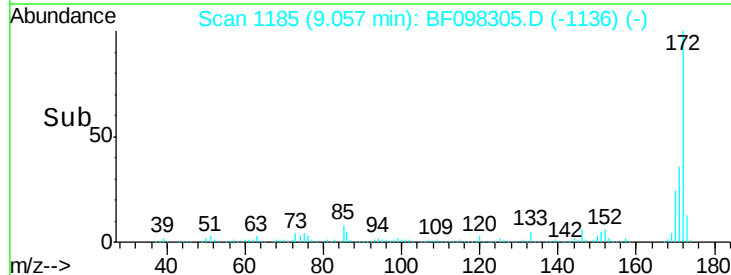
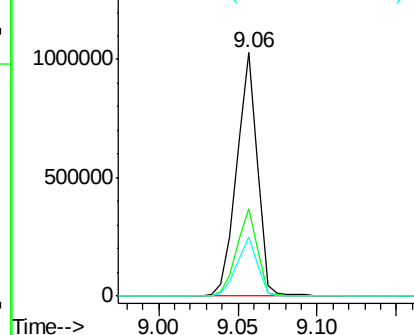


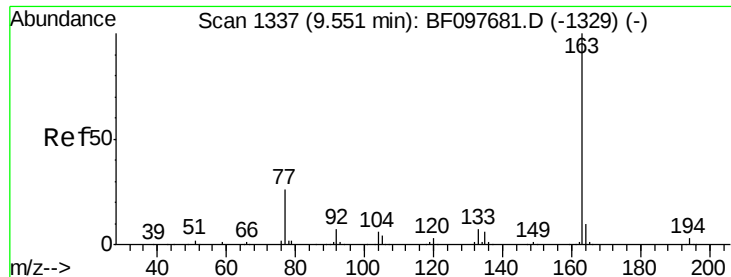
#44
 2-Fluorobiphenyl
 Concen: 98.65 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF098305.D
 Acq: 7 Sep 2017 6:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.2	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

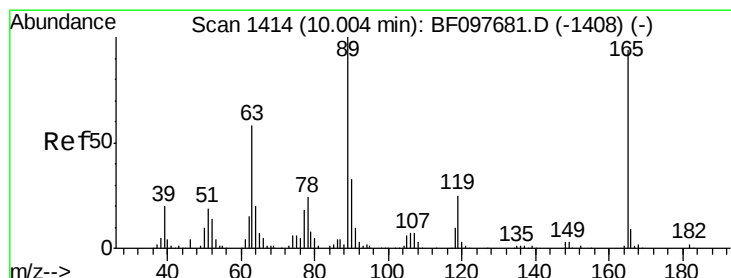
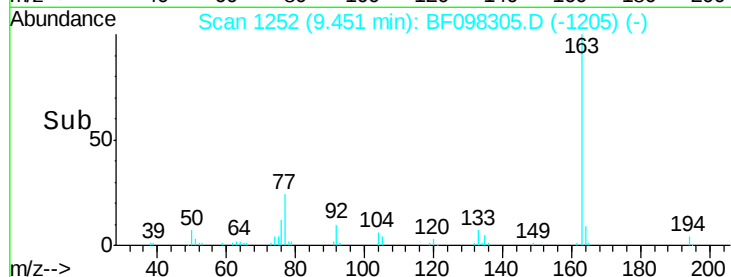
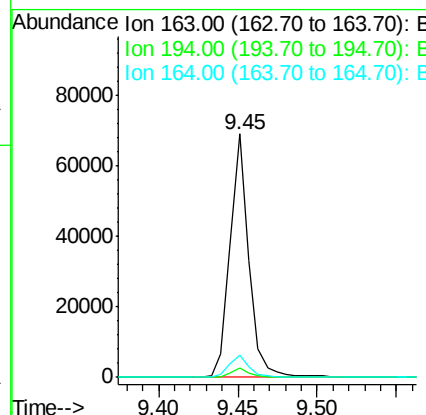
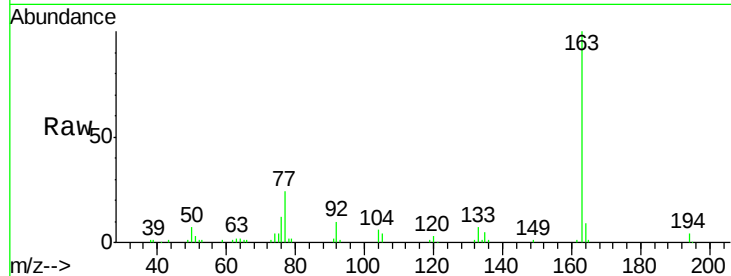




#49
Dimethylphthalate
Concen: 5.57 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF098305.D
Acq: 7 Sep 2017 6:56

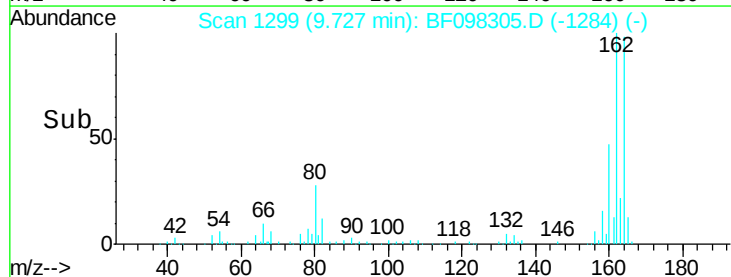
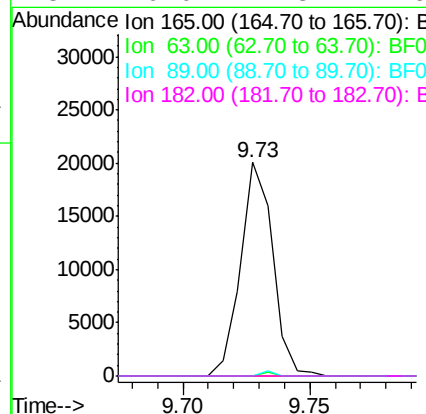
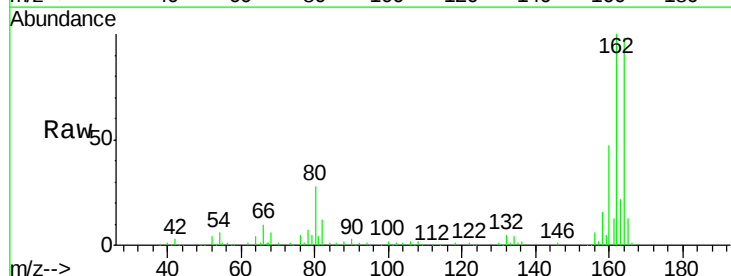
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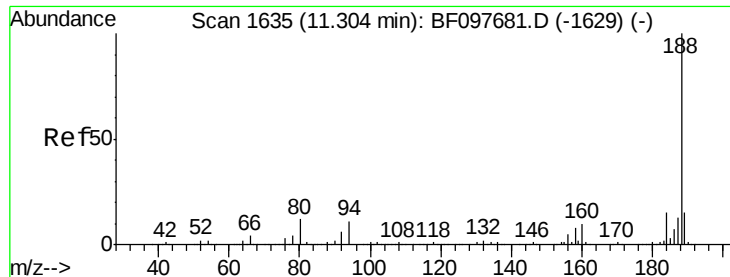
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	9.4	8.4	12.6



#56
2,4-Dinitrotoluene
Concen: 6.90 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.21 min
Lab File: BF098305.D
Acq: 7 Sep 2017 6:56

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

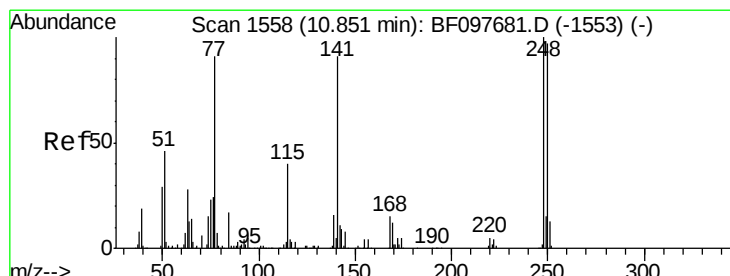
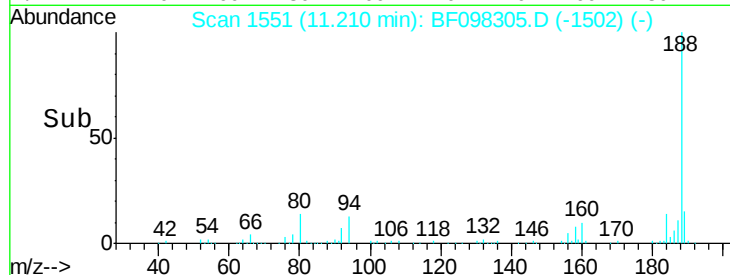
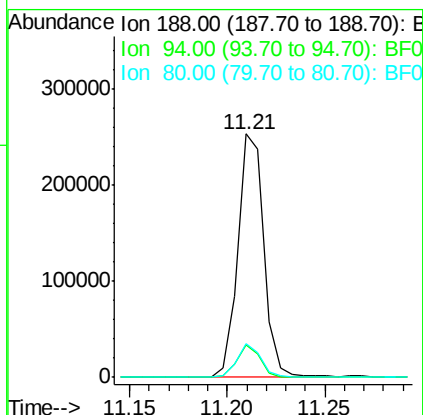
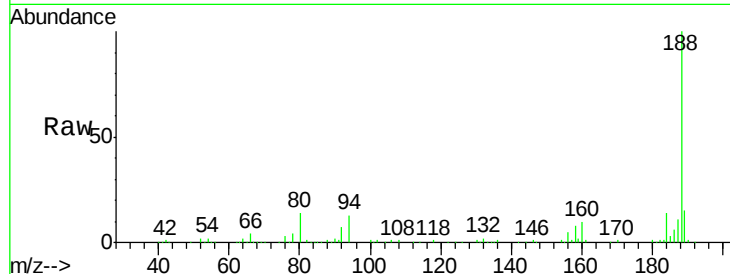




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF098305.D
Acq: 7 Sep 2017 6:56

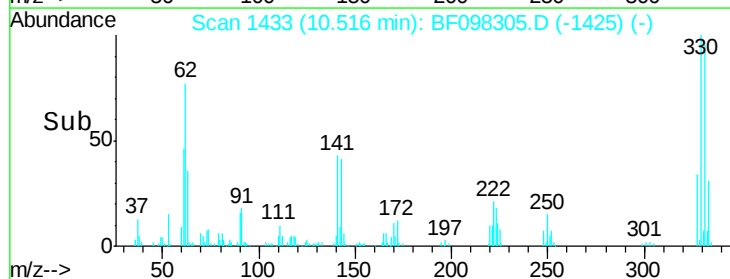
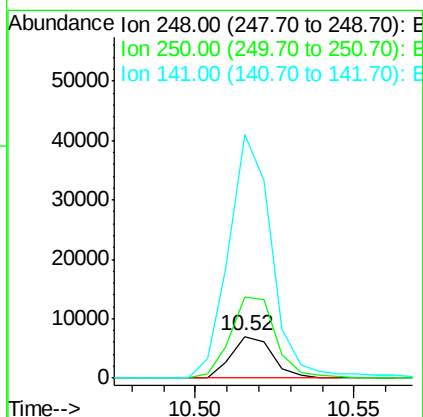
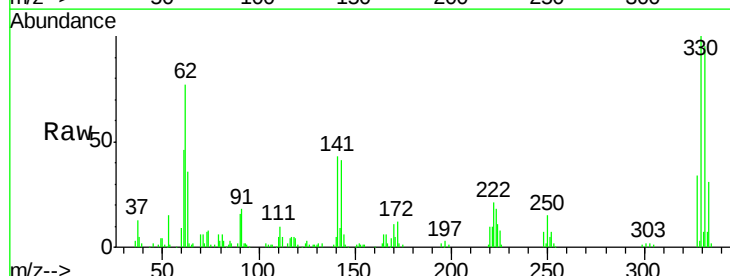
Instrument :
BNA_F
ClientSampleId :
083017-TIDO-F-D-M

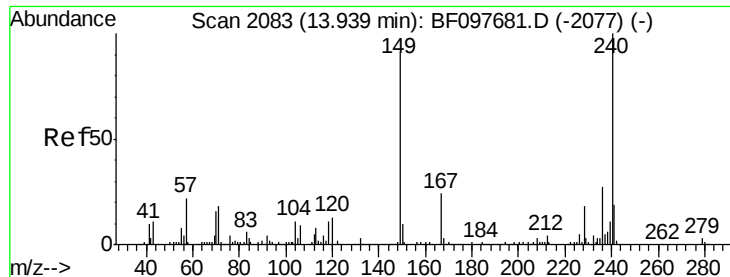
Tot Ion:188 Resp: 233628
Ion Ratio Lower Upper
188 100
94 13.2 9.4 14.2
80 13.7 10.2 15.2



#66
4-Bromophenyl-phenylether
Concen: 2.61 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.25 min
Lab File: BF098305.D
Acq: 7 Sep 2017 6:56

Tgt Ion:248 Resp: 6321
Ion Ratio Lower Upper
248 100
250 196.1 76.8 115.2#
141 586.2 68.6 103.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BF098305.D

Acq: 7 Sep 2017 6:56

Instrument :

BNA_F

ClientSampleId :

083017-TIDO-F-D-M

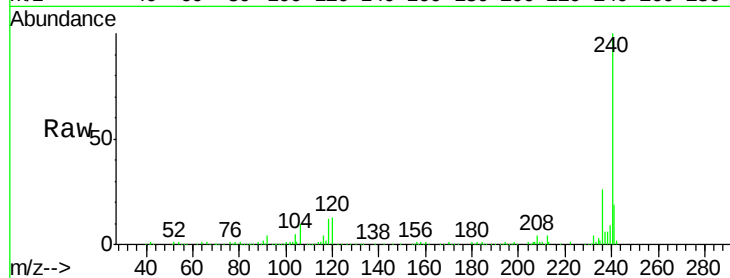
Tot Ion:240 Resp: 227095

Ion Ratio Lower Upper

240 100

120 13.3 5.8 8.8#

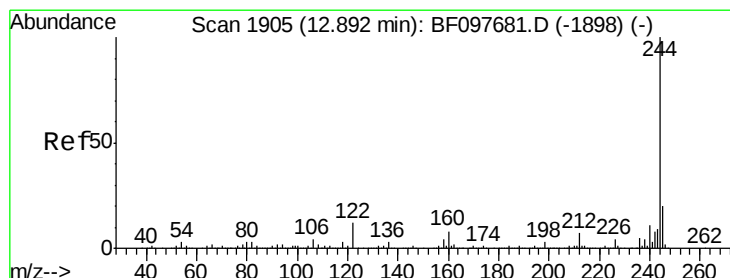
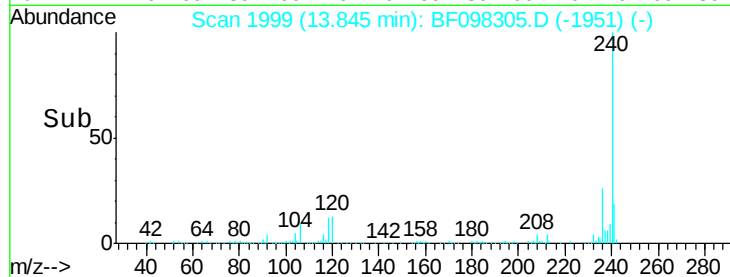
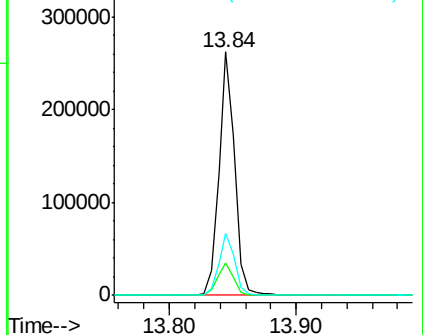
236 25.6 20.5 30.7



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: 65.79 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF098305.D

Acq: 7 Sep 2017 6:56

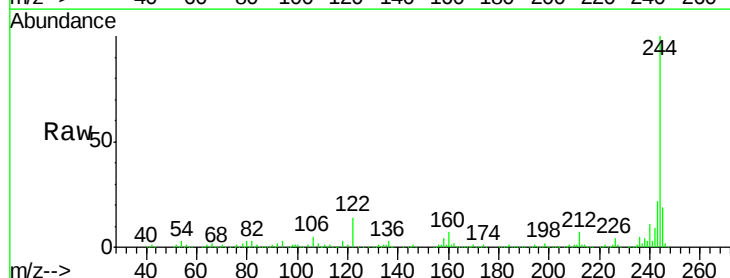
Tgt Ion:244 Resp: 716489

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

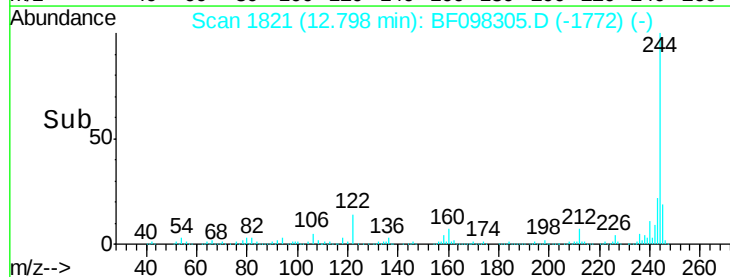
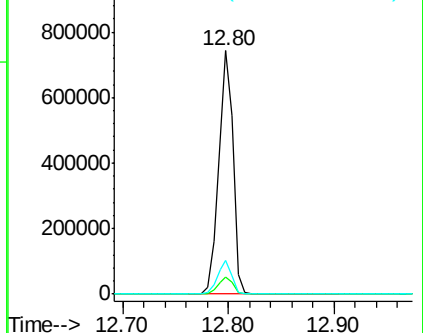
122 13.6 10.3 15.5

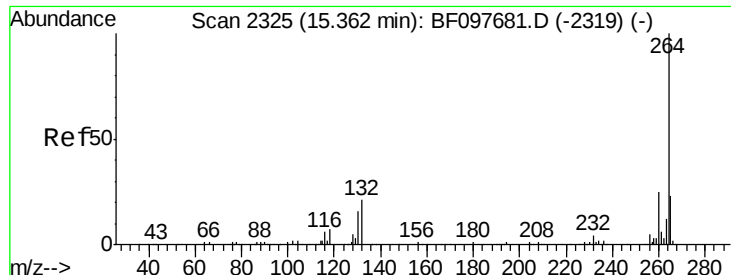


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

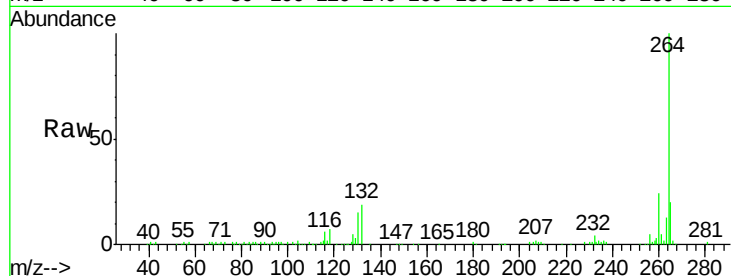




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.26 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF098305.D
Acq: 7 Sep 2017 6:56

Instrument :
BNA_F
ClientSampleId :
083017-TIDO-F-D-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	19.9	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

