

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101217\
 Data File : BF099429.D
 Acq On : 13 Oct 2017 8:48
 Operator : SJ/JU
 Sample : I5777-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 100917-TIDO-F-U-B

Quant Time: Oct 13 13:19:13 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

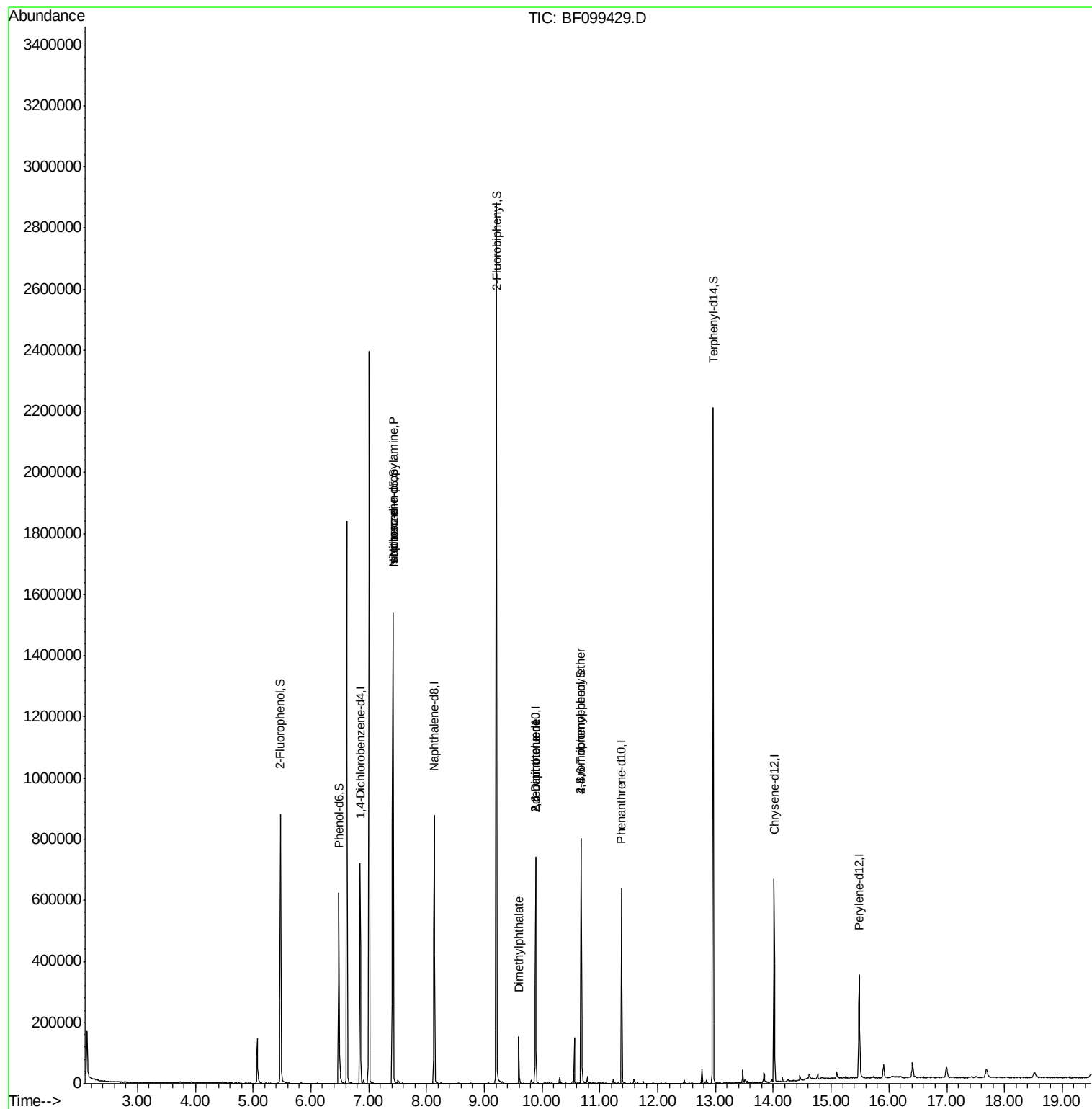
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	100572	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	370358	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	135135	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	213505	20.00	ng	0.00
75) Chrysene-d12	14.02	240	202339	20.00	ng	0.00
86) Perylene-d12	15.49	264	147396	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	290729	46.02	ng	0.00
7) Phenol-d6	6.48	99	208570	26.76	ng	0.00
23) Nitrobenzene-d5	7.42	82	558306	96.67	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	93273	84.35	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	928503	114.70	ng	0.00
78) Terphenyl-d14	12.96	244	743078	83.52	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	70764	14.221	ng	# 72
25) Isophorone	7.42	82	558298	46.758	ng	# 64
49) Dimethylphthalate	9.60	163	62295	6.108	ng	# 99
50) 2,6-Dinitrotoluene	9.89	165	17234	7.762	ng	# 24
56) 2,4-Dinitrotoluene	9.89	165	17234	5.980	ng	# 21
66) 4-Bromophenyl-phenylether	10.67	248	6077	2.908	ng	# 1

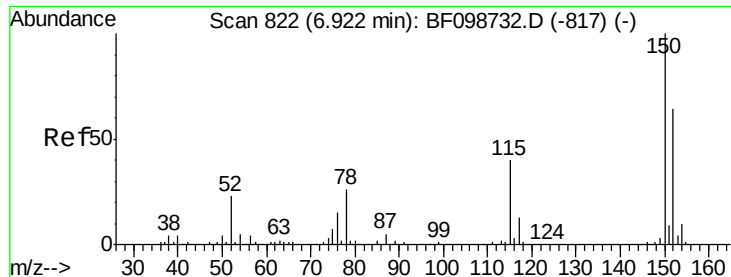
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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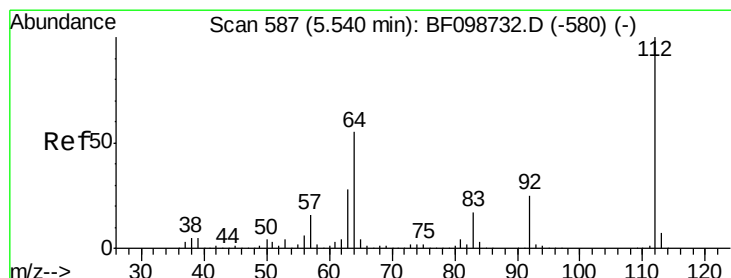
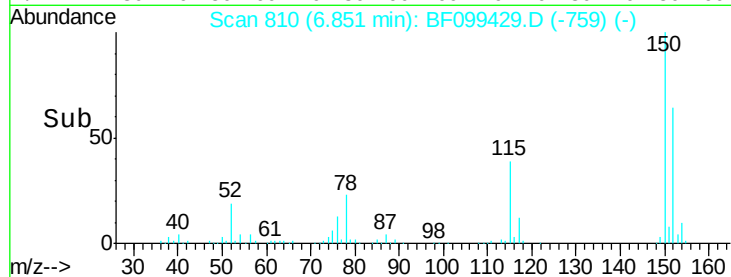
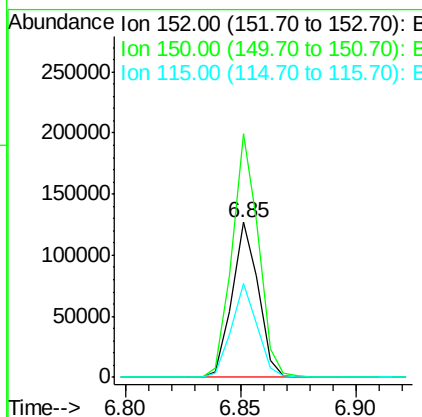
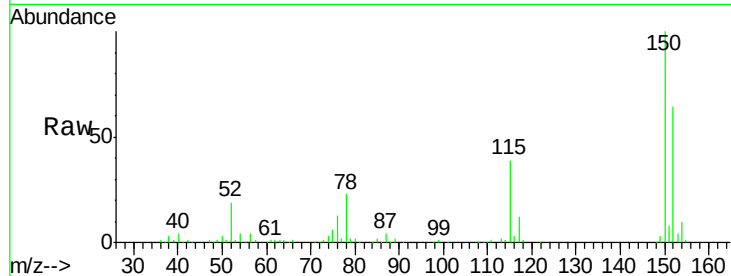




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF099429.D
 Acq: 13 Oct 2017 8:48

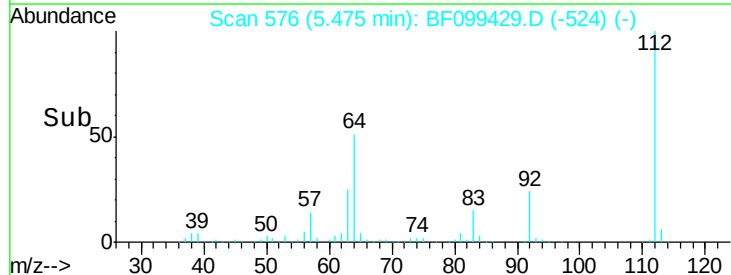
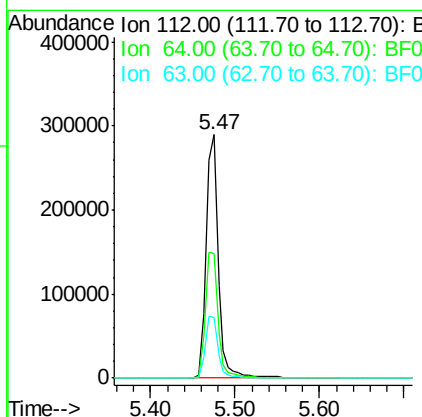
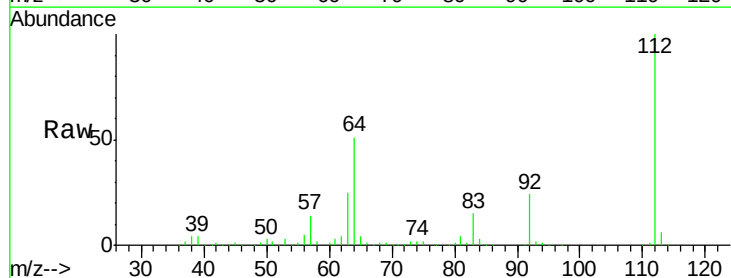
Instrument :
 BNA_F
 ClientSampleId :
 100917-TIDO-F-U-B

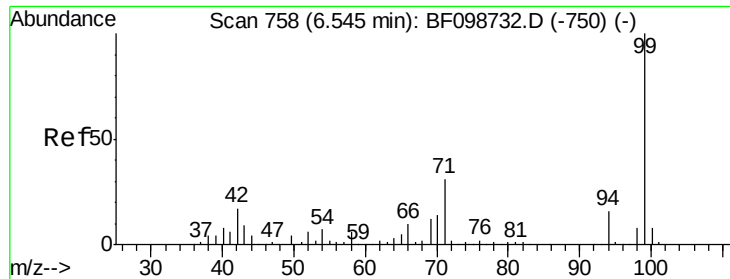
Tgt Ion:152 Resp: 100572
 Ion Ratio Lower Upper
 152 100
 150 157.2 124.6 186.8
 115 61.0 50.1 75.1



#5
 2-Fluorophenol
 Concen: 46.018 ng
 RT: 5.47 min Scan# 576
 Delta R.T. 0.01 min
 Lab File: BF099429.D
 Acq: 13 Oct 2017 8:48

Tgt Ion:112 Resp: 290729
 Ion Ratio Lower Upper
 112 100
 64 51.3 47.9 71.9
 63 25.1 23.7 35.5





#7

Phenol-d6

Concen: 26.762 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF099429.D

Acq: 13 Oct 2017 8:48

Instrument :

BNA_F

ClientSampleId :

100917-TIDO-F-U-B

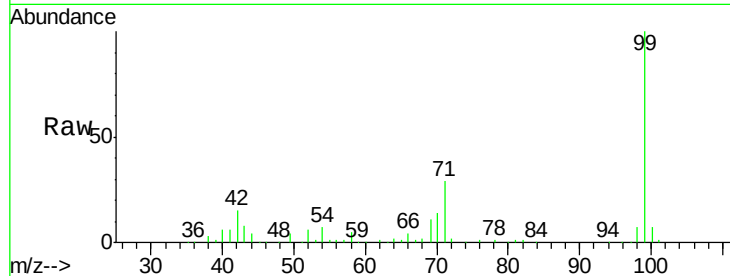
Tgt Ion: 99 Resp: 208570

Ion Ratio Lower Upper

99 100

42 15.5 14.5 21.7

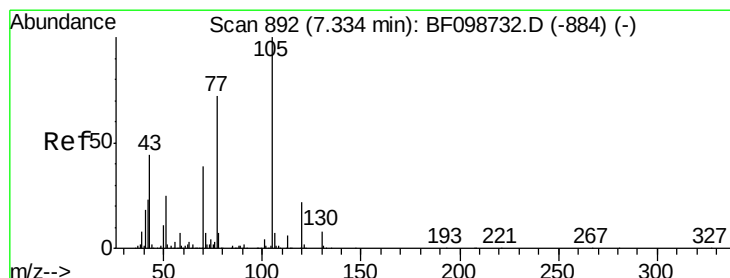
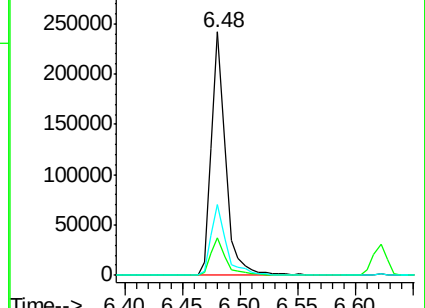
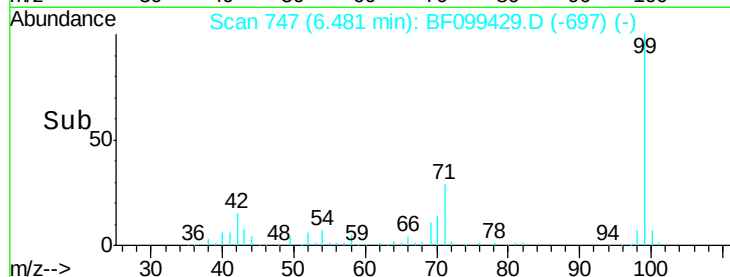
71 29.3 25.4 38.0



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: 14.221 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.15 min

Lab File: BF099429.D

Acq: 13 Oct 2017 8:48

Tgt Ion: 70 Resp: 70764

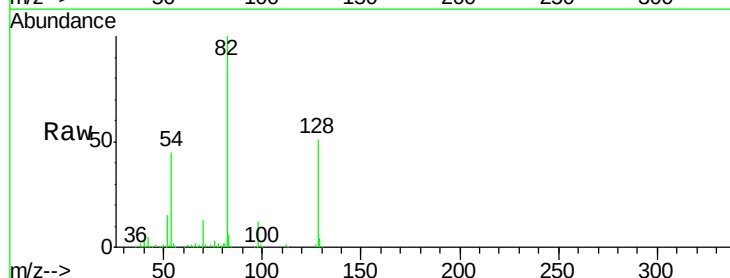
Ion Ratio Lower Upper

70 100

42 41.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

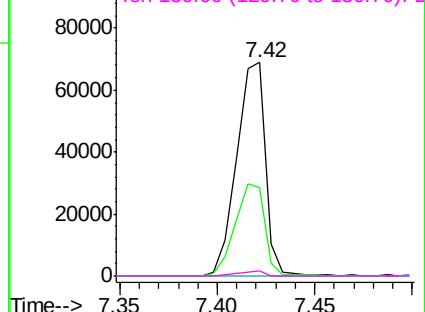
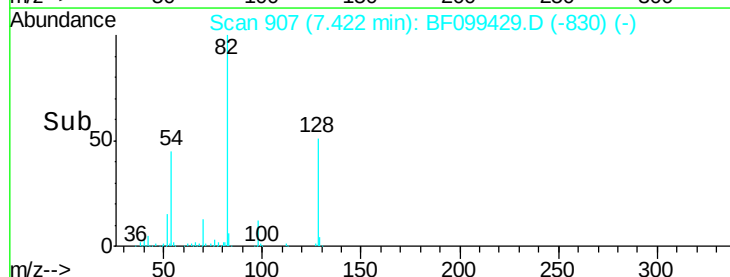


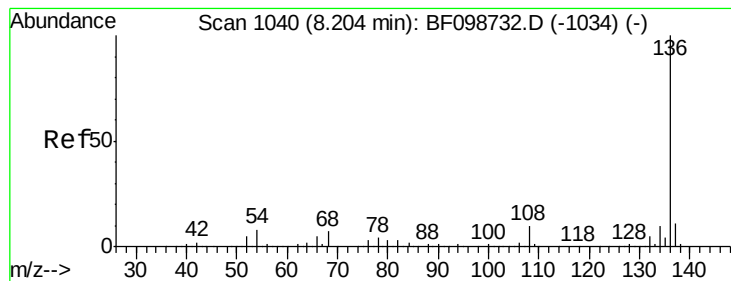
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.13 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF099429.D

Acq: 13 Oct 2017 8:48

Instrument :

BNA_F

ClientSampleId :

100917-TIDO-F-U-B

Tgt Ion: 136 Resp: 370358

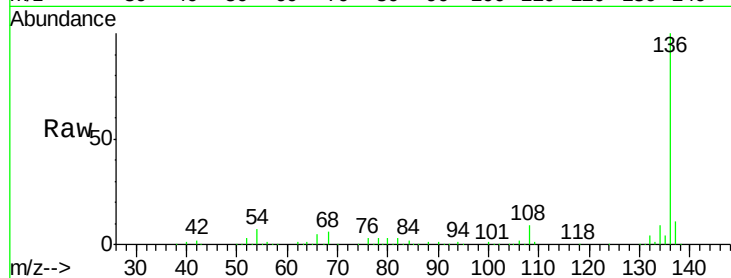
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.9 6.6 9.8

68 5.9 5.0 7.4

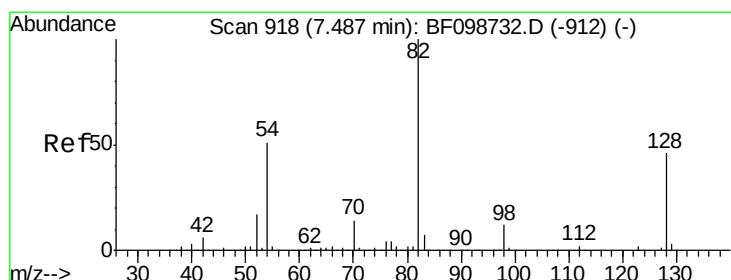
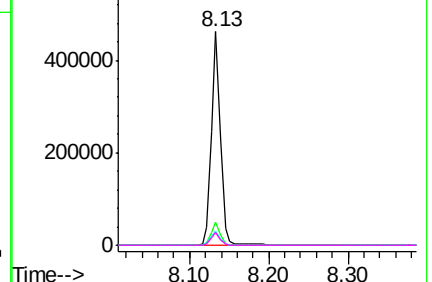
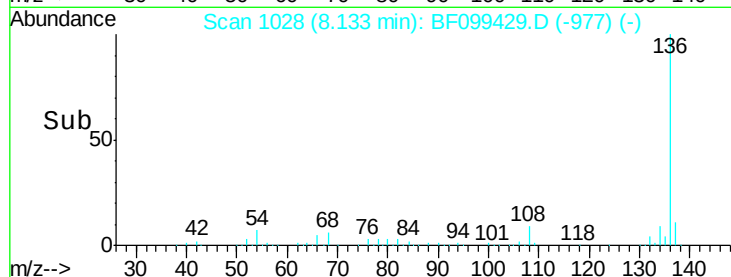


Abundance Ion 136.00 (135.70 to 136.70): E

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: 96.675 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF099429.D

Acq: 13 Oct 2017 8:48

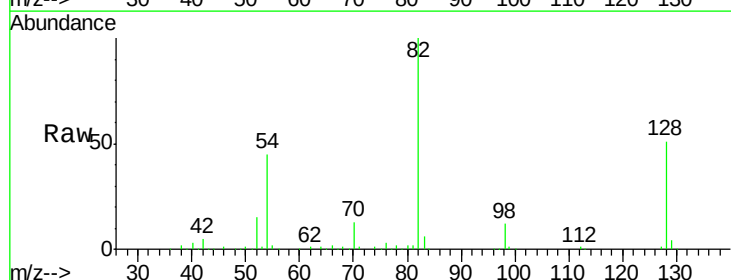
Tgt Ion: 82 Resp: 558306

Ion Ratio Lower Upper

82 100

128 51.4 36.1 54.1

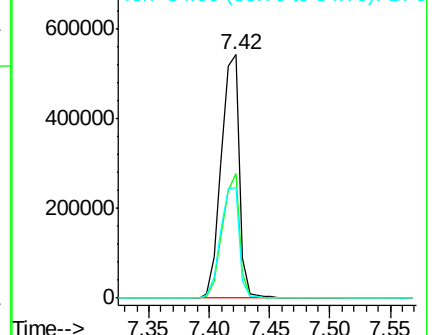
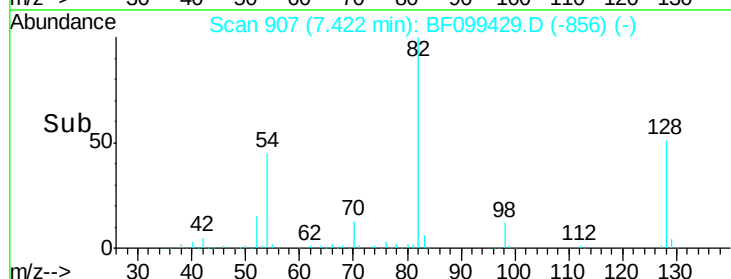
54 45.4 41.4 62.2

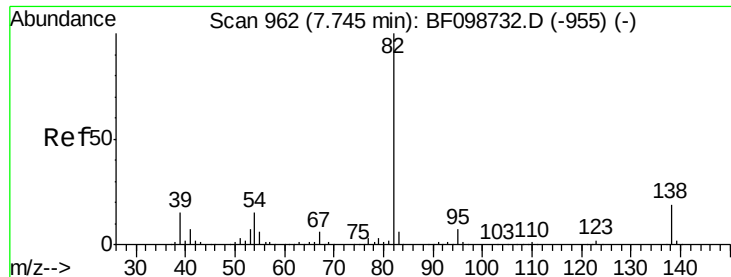


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 46.758 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.25 min

Lab File: BF099429.D

Acq: 13 Oct 2017 8:48

Instrument :

BNA_F

ClientSampleId :

100917-TIDO-F-U-B

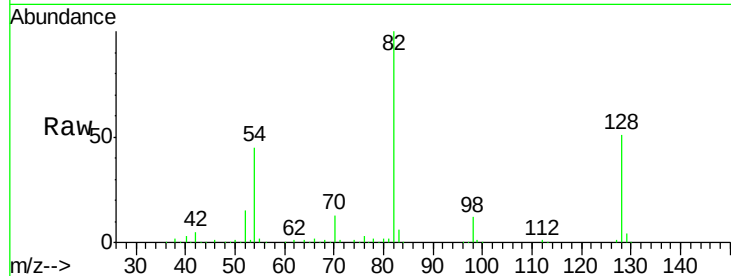
Tgt Ion: 82 Resp: 558298

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

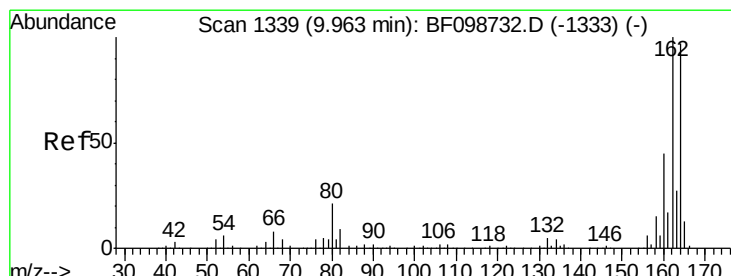
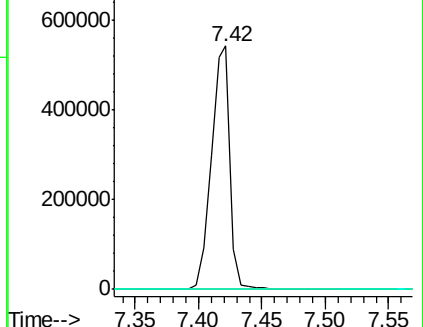
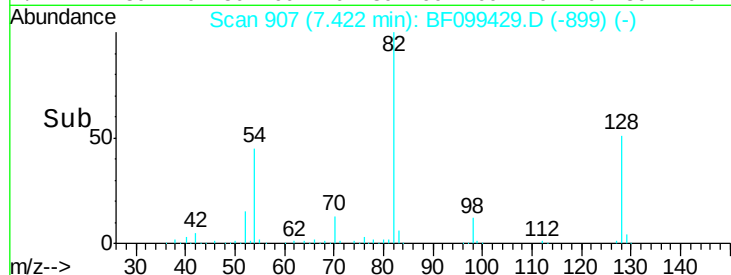
138 0.0 14.9 22.3#



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: 20.000 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF099429.D

Acq: 13 Oct 2017 8:48

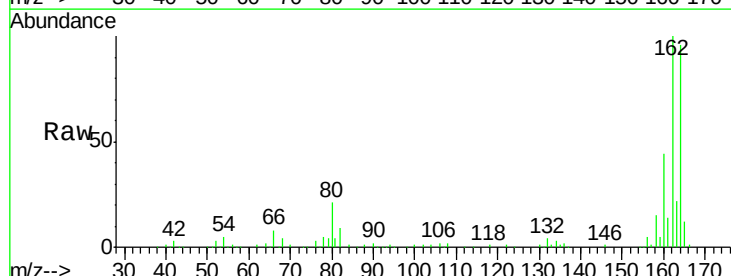
Tgt Ion: 164 Resp: 135135

Ion Ratio Lower Upper

164 100

162 104.1 86.1 129.1

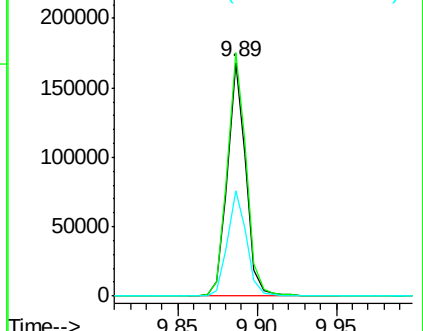
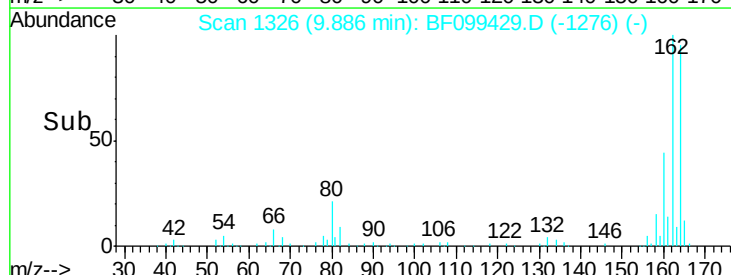
160 45.3 38.3 57.5

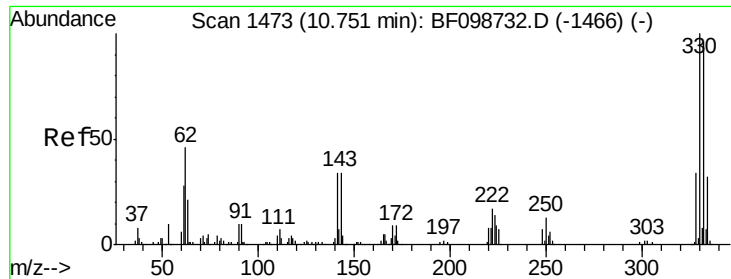


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

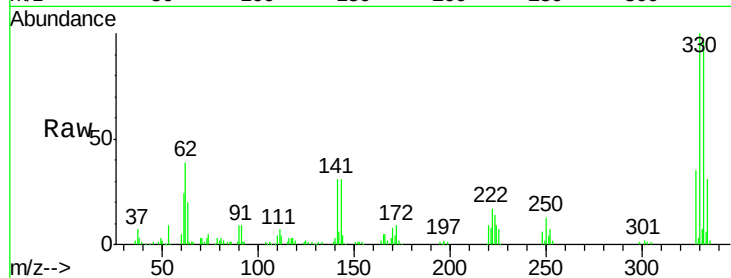




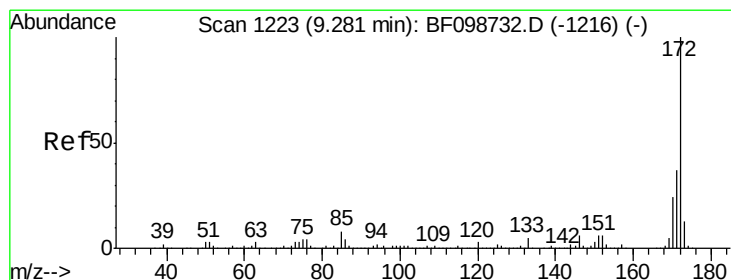
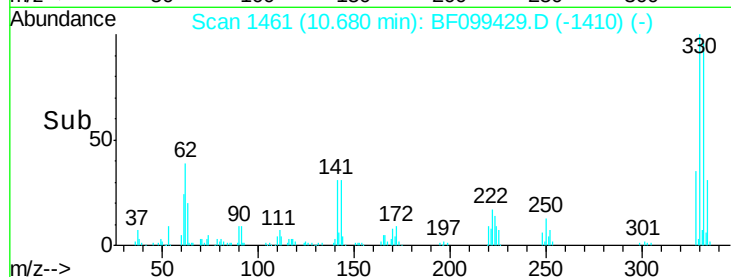
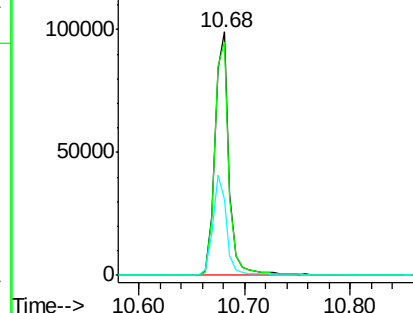
#41
 2,4,6-Tribromophenol
 Concen: 84.351 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: BF099429.D
 Acq: 13 Oct 2017 8:48

Instrument :
 BNA_F
 ClientSampleId :
 100917-TIDO-F-U-B

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	39.8	29.9	44.9

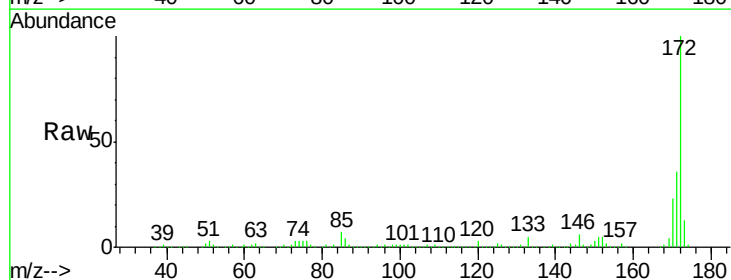


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

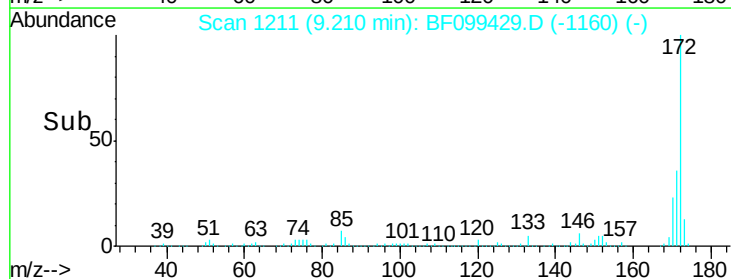
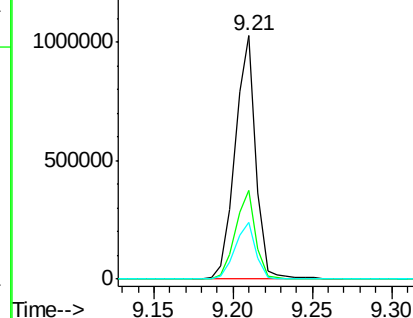


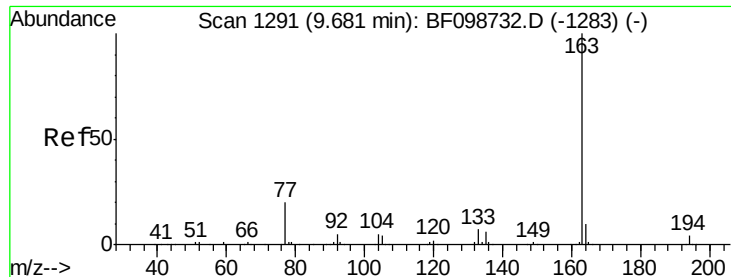
#44
 2-Fluorobiphenyl
 Concen: 114.704 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF099429.D
 Acq: 13 Oct 2017 8:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.5	19.6	29.4



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

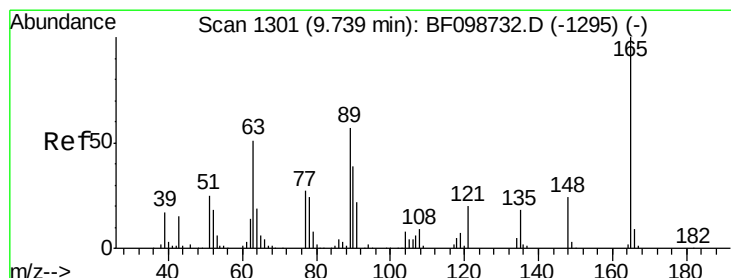
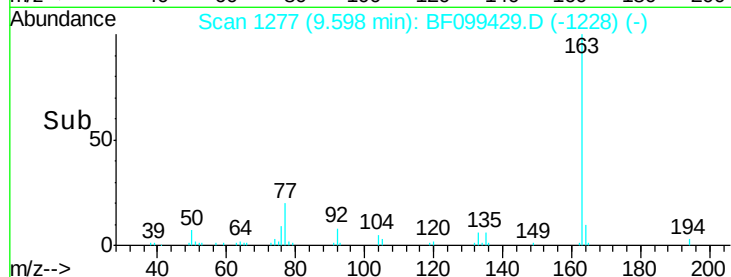
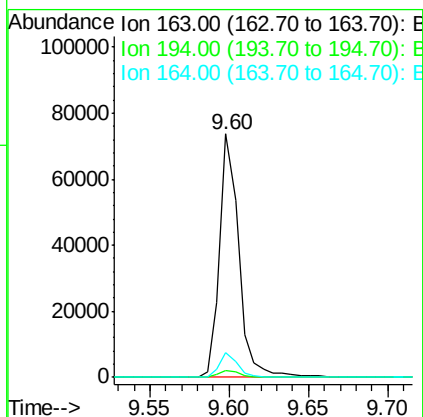
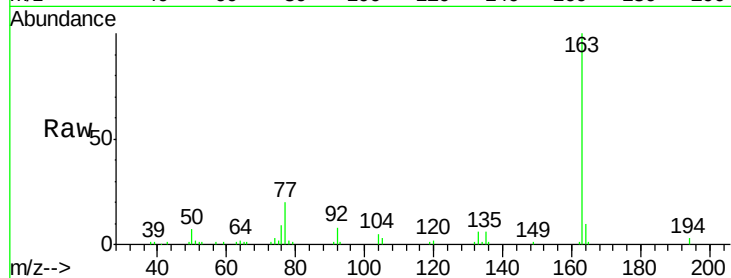




#49
Dimethylphthalate
Concen: 6.108 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF099429.D
Acq: 13 Oct 2017 8:48

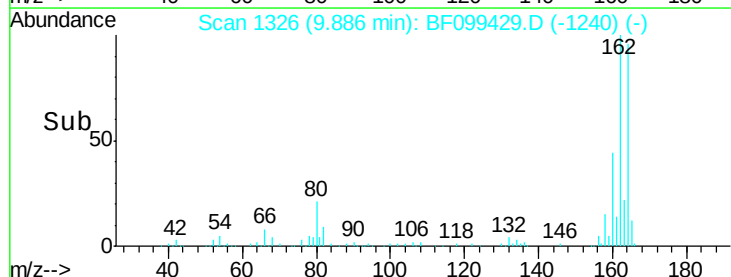
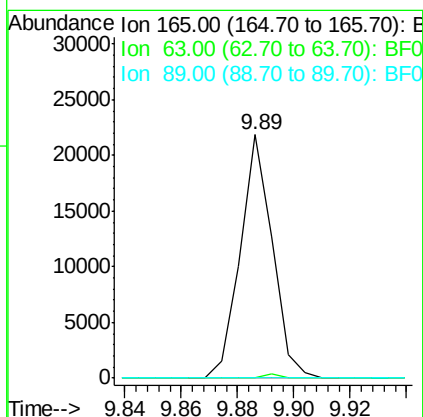
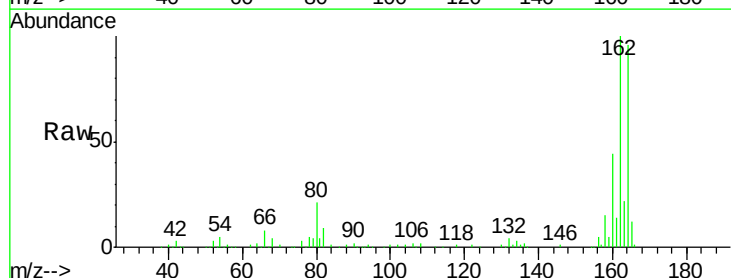
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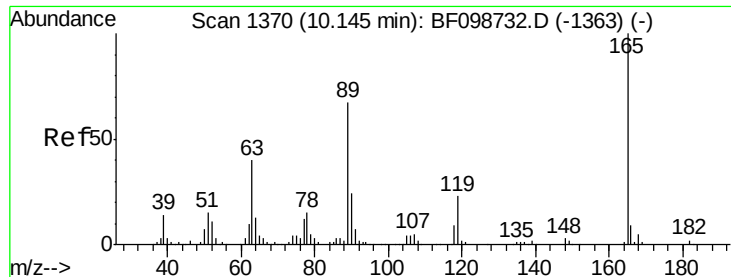
Tgt Ion:163 Resp: 62295
Ion Ratio Lower Upper
163 100
194 2.9 2.7 4.1
164 10.0 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 7.762 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.21 min
Lab File: BF099429.D
Acq: 13 Oct 2017 8:48

Tgt Ion:165 Resp: 17234
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 0.0 44.0 66.0#

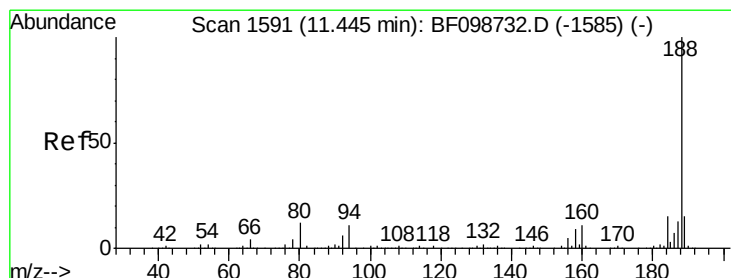
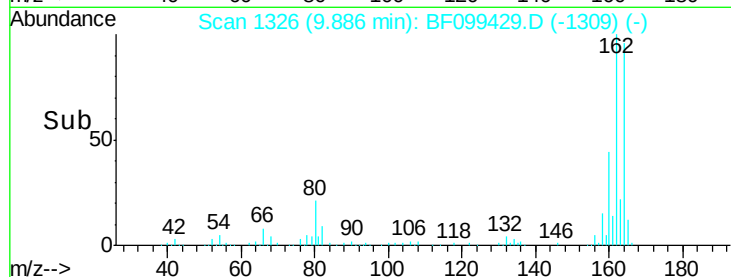
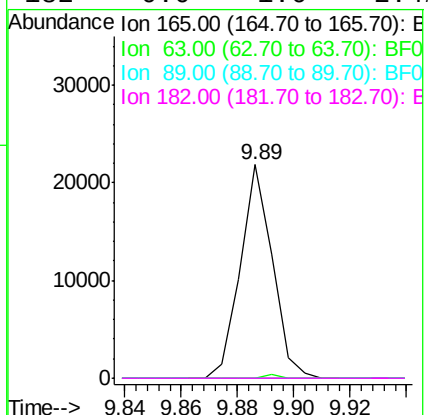
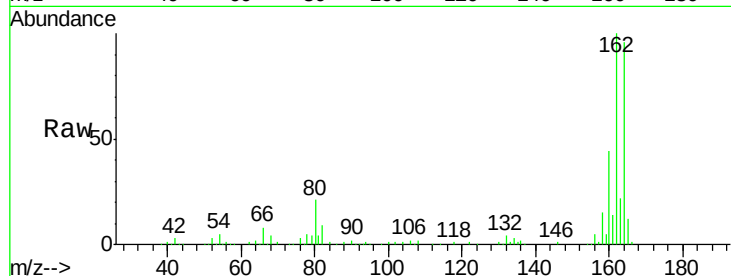




#56
2,4-Dinitrotoluene
Concen: 5.980 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.20 min
Lab File: BF099429.D
Acq: 13 Oct 2017 8:48

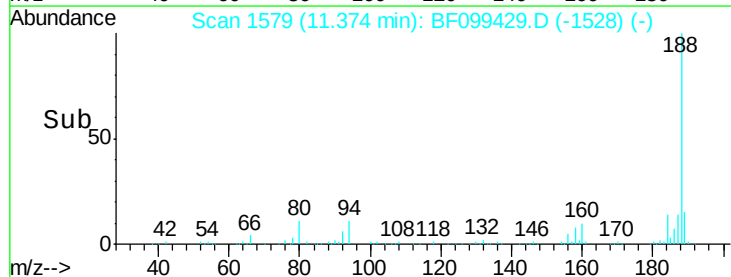
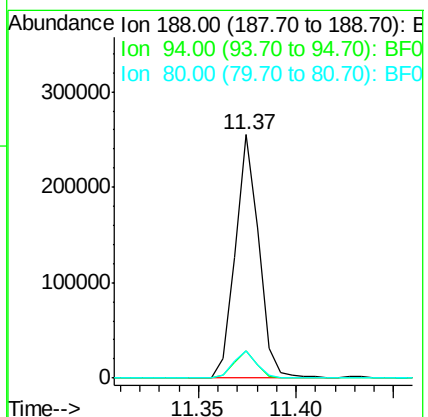
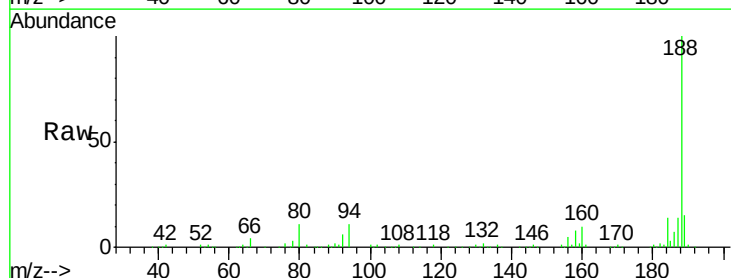
Instrument :
BNA_F
ClientSampleId :
100917-TIDO-F-U-B

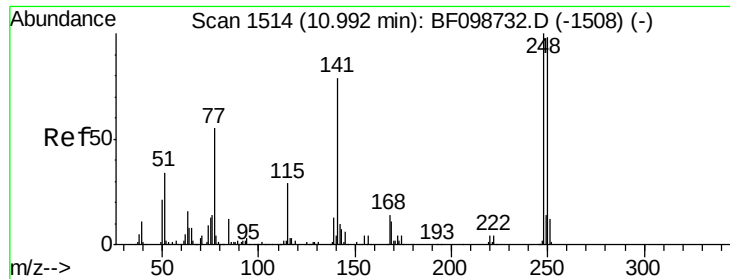
Tgt Ion:	165	Resp:	17234
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.00 min
Lab File: BF099429.D
Acq: 13 Oct 2017 8:48

Tgt Ion:	188	Resp:	213505
Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.5	12.7
80	11.3	9.2	13.8

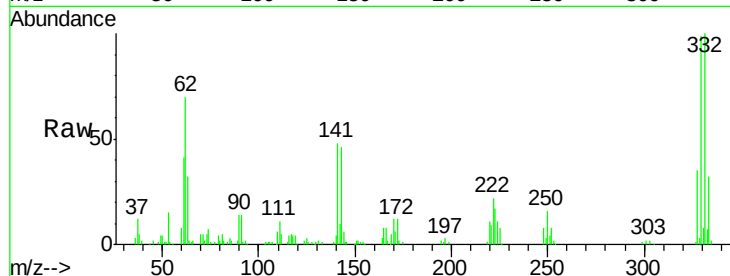




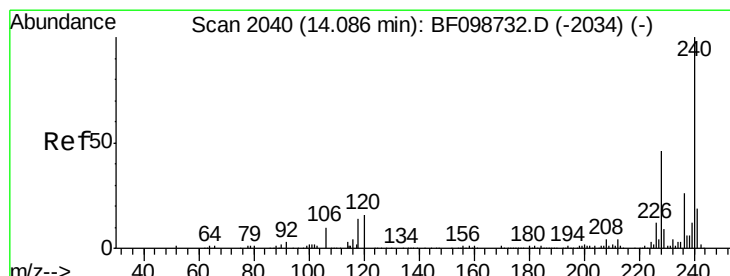
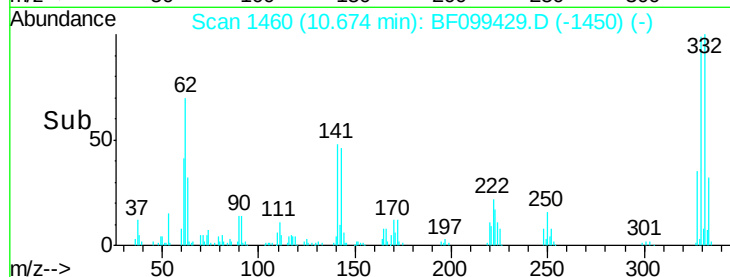
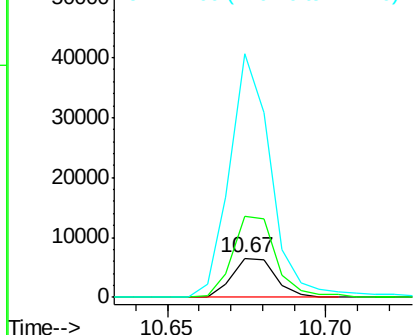
#66
4-Bromophenyl-phenylether
Concen: 2.908 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF099429.D
Acq: 13 Oct 2017 8:48

Instrument :
BNA_F
ClientSampleId :
100917-TIDO-F-U-B

Tgt Ion:248 Resp: 6077
Ion Ratio Lower Upper
248 100
250 207.9 76.9 115.3#
141 624.6 74.4 111.6#

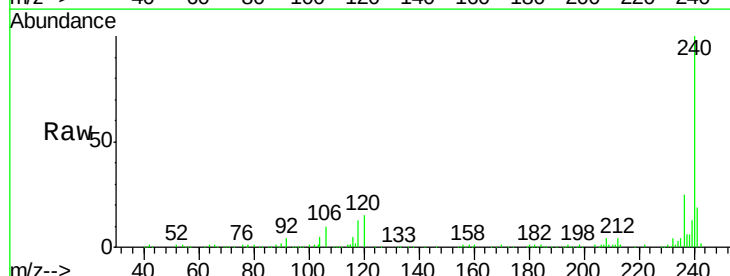


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

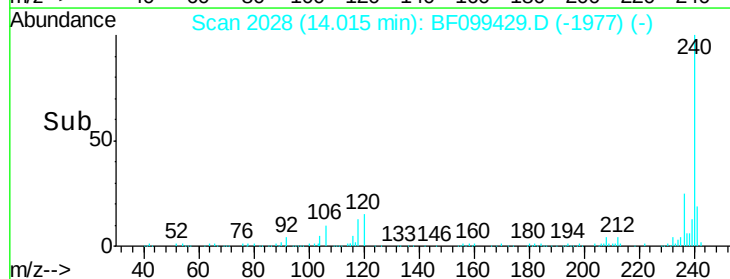
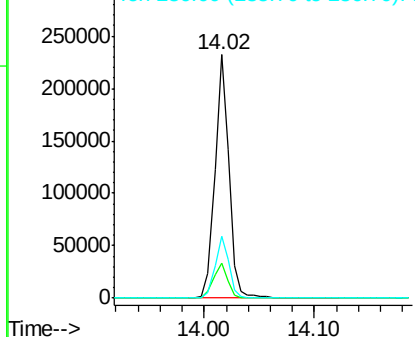


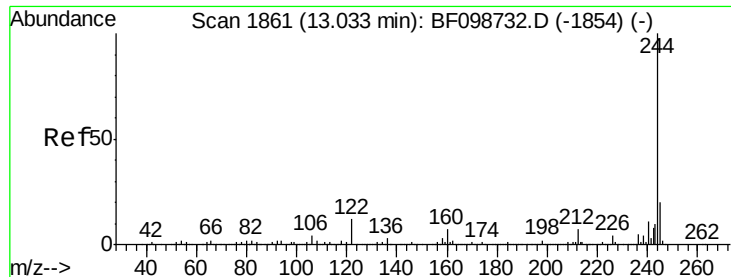
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BF099429.D
Acq: 13 Oct 2017 8:48

Tgt Ion:240 Resp: 202339
Ion Ratio Lower Upper
240 100
120 14.6 9.5 14.3#
236 25.3 20.7 31.1



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

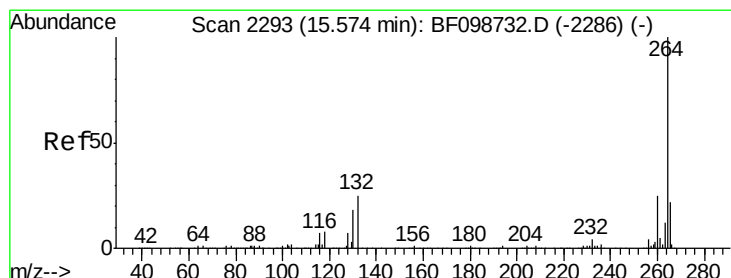
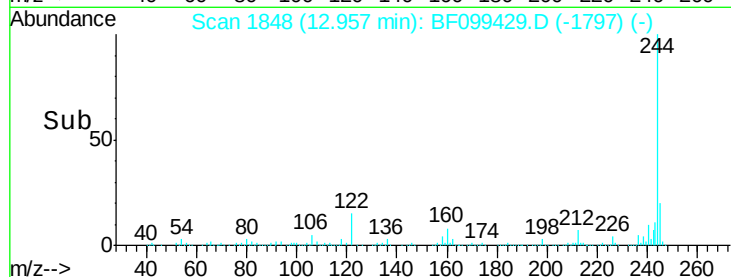
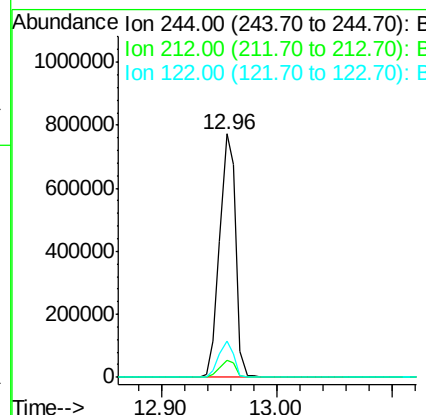
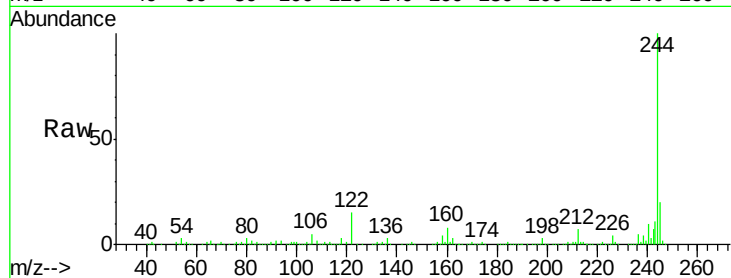




#78
 Terphenyl-d14
 Concen: 83.519 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.00 min
 Lab File: BF099429.D
 Acq: 13 Oct 2017 8:48

Instrument :
 BNA_F
 ClientSampleId :
 100917-TIDO-F-U-B

Tgt Ion:244 Resp: 743078
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 14.7 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. 0.01 min
 Lab File: BF099429.D
 Acq: 13 Oct 2017 8:48

Tgt Ion:264 Resp: 147396
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.2 28.8
 265 20.6 17.5 26.3

