

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101217\
 Data File : BF099430.D
 Acq On : 13 Oct 2017 9:16
 Operator : SJ/JU
 Sample : I5777-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

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

Quant Time: Oct 13 13:19:26 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

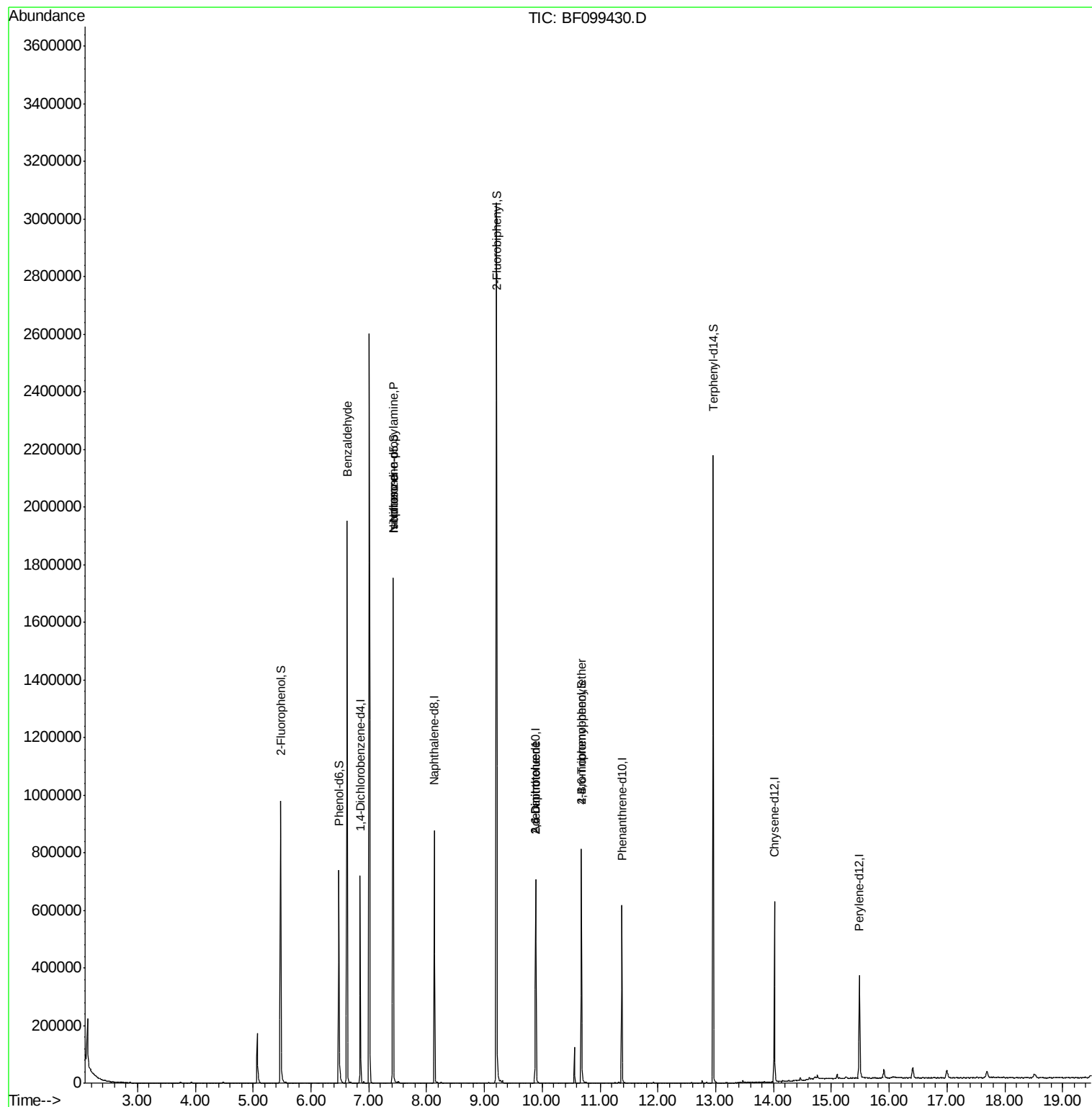
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	98383	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	371954	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	135345	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	204417	20.00	ng	0.00
75) Chrysene-d12	14.02	240	194340	20.00	ng	0.00
86) Perylene-d12	15.49	264	155074	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	301774	48.83	ng	0.00
7) Phenol-d6	6.48	99	246716	32.36	ng	0.00
23) Nitrobenzene-d5	7.42	82	606583	104.58	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	94855	85.65	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	985376	121.54	ng	0.00
78) Terphenyl-d14	12.96	244	712723	83.40	ng	0.00
Target Compounds						
9) Benzaldehyde	6.62	77	9891	2.237	ng	82
19) n-Nitroso-di-n-propylamine	7.42	70	77112	15.842	ng	# 74
25) Isophorone	7.42	82	606573	50.584	ng	# 64
50) 2,6-Dinitrotoluene	9.89	165	17126	7.701	ng	# 25
56) 2,4-Dinitrotoluene	9.89	165	17126	5.934	ng	# 22
66) 4-Bromophenyl-phenylether	10.67	248	6149	3.073	ng	# 1

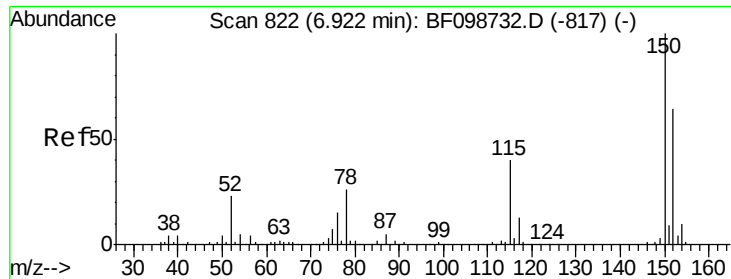
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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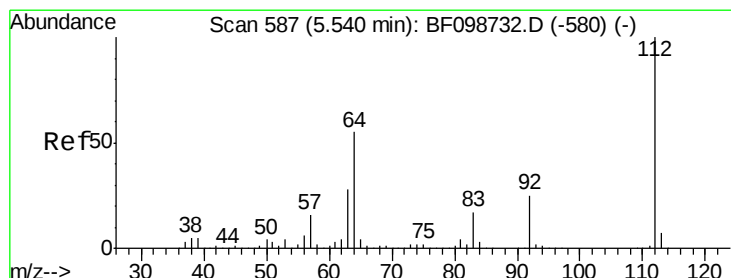
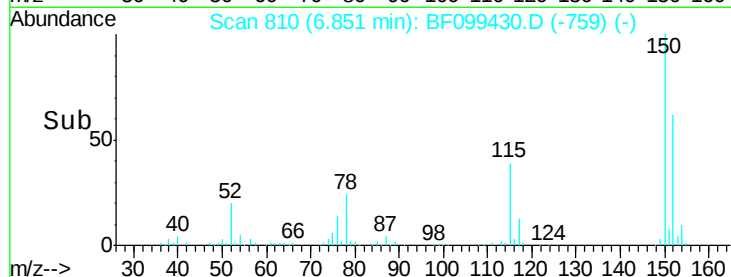
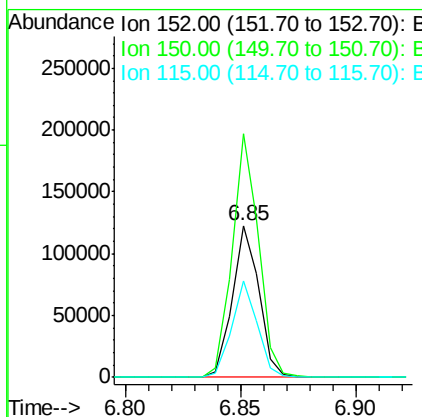
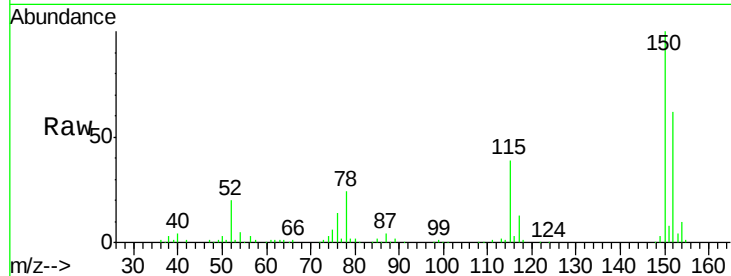




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF099430.D
 Acq: 13 Oct 2017 9:16

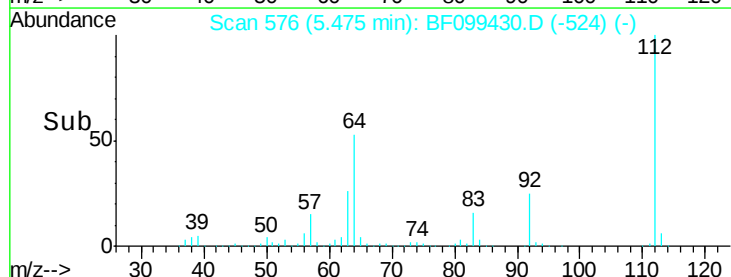
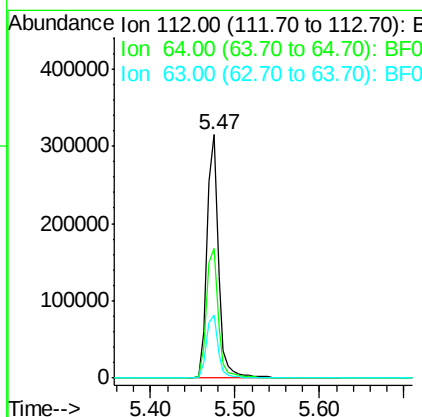
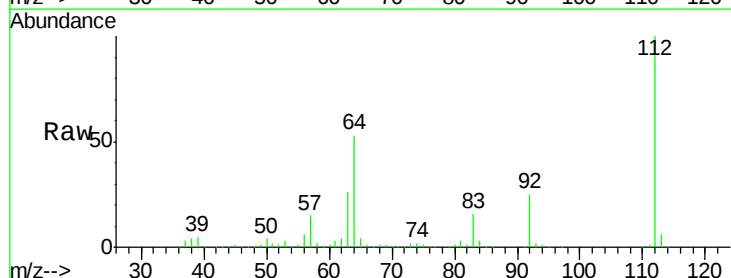
Instrument :
 BNA_F
 ClientSampleId :
 100917-TIDO-F-U-S

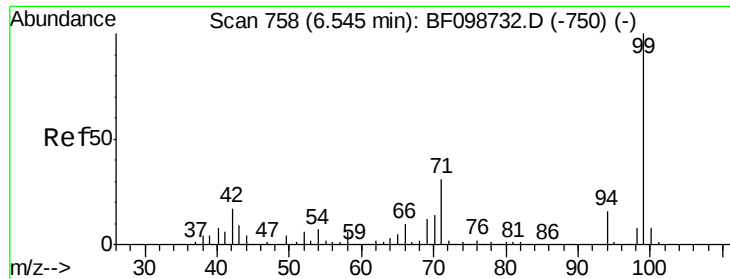
Tgt Ion:152 Resp: 98383
 Ion Ratio Lower Upper
 152 100
 150 160.4 124.6 186.8
 115 63.2 50.1 75.1



#5
 2-Fluorophenol
 Concen: 48.829 ng
 RT: 5.47 min Scan# 576
 Delta R.T. 0.01 min
 Lab File: BF099430.D
 Acq: 13 Oct 2017 9:16

Tgt Ion:112 Resp: 301774
 Ion Ratio Lower Upper
 112 100
 64 53.1 47.9 71.9
 63 25.7 23.7 35.5





#7

Phenol-d6

Concen: 32.360 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF099430.D

Acq: 13 Oct 2017 9:16

Instrument :

BNA_F

ClientSampleId :

100917-TIDO-F-U-S

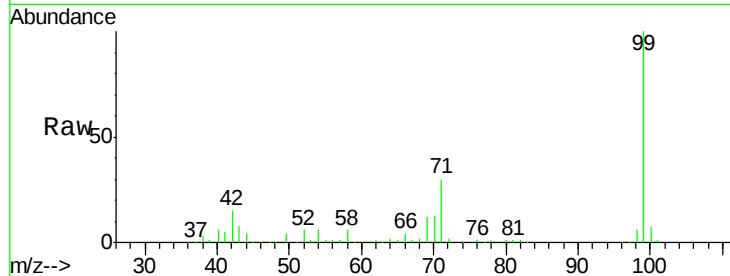
Tgt Ion: 99 Resp: 246716

Ion Ratio Lower Upper

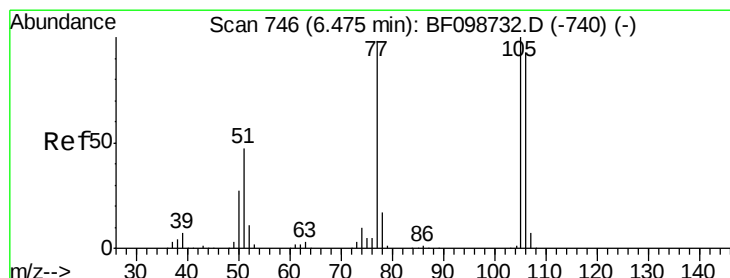
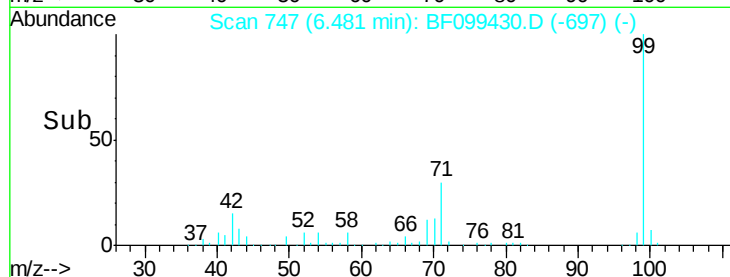
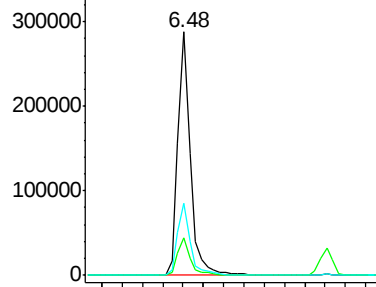
99 100

42 15.4 14.5 21.7

71 29.8 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



#9

Benzaldehyde

Concen: 2.237 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.21 min

Lab File: BF099430.D

Acq: 13 Oct 2017 9:16

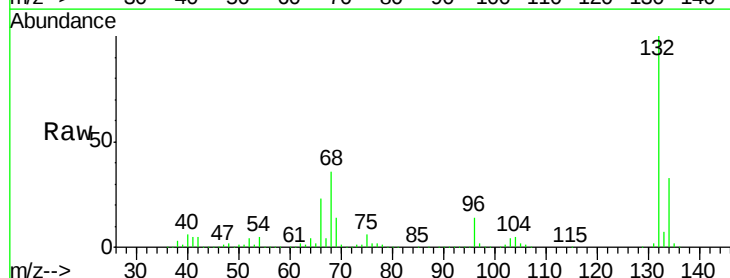
Tgt Ion: 77 Resp: 9891

Ion Ratio Lower Upper

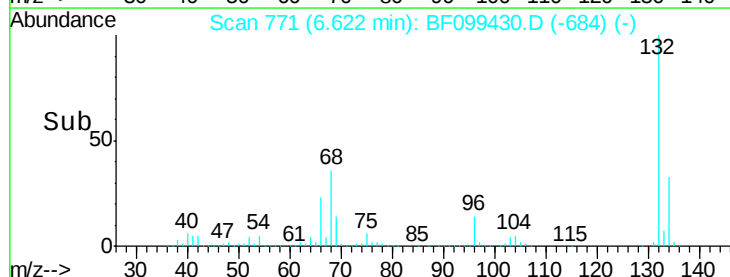
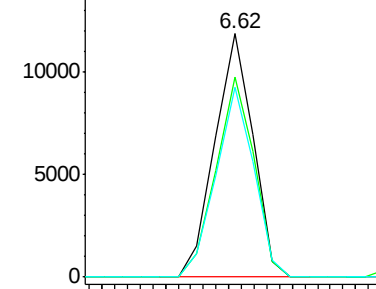
77 100

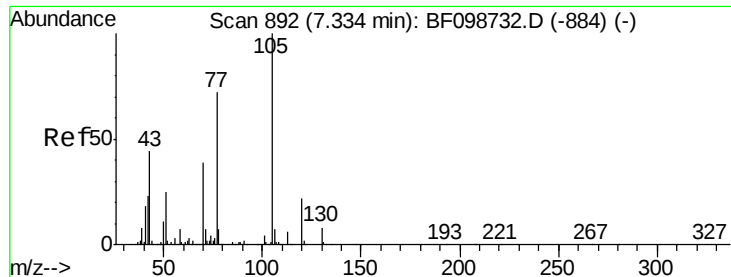
105 82.4 81.1 121.1

106 78.0 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

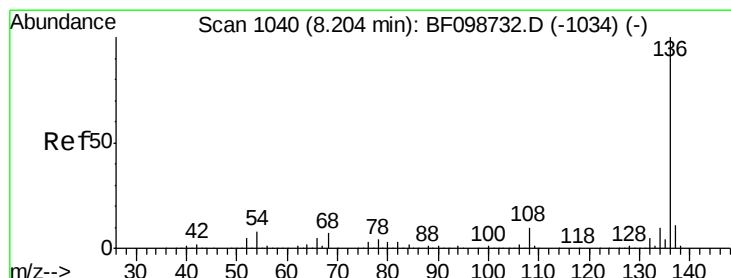
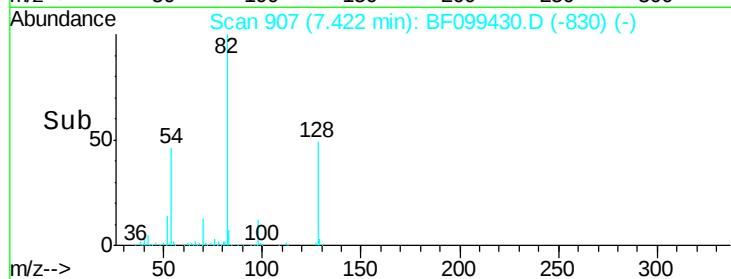
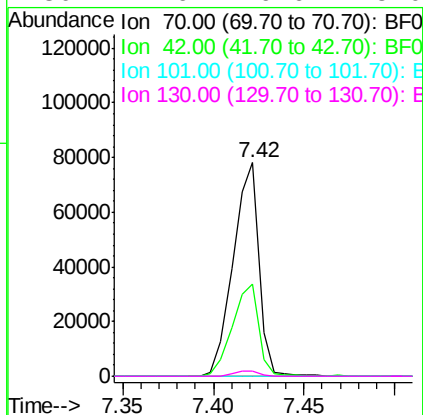
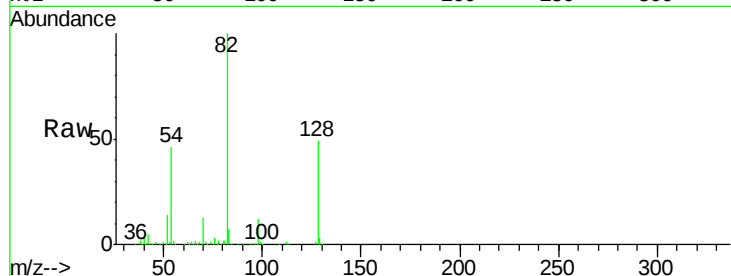




#19
n-Nitroso-di-n-propylamine
Concen: 15.842 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.15 min
Lab File: BF099430.D
Acq: 13 Oct 2017 9:16

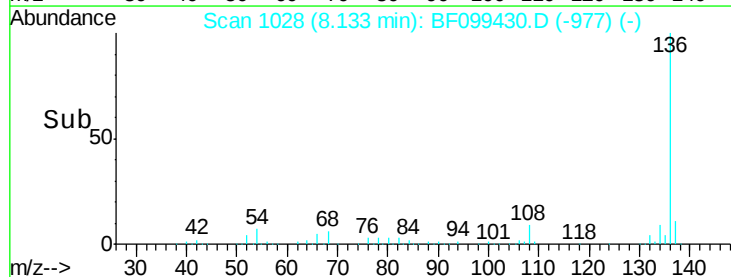
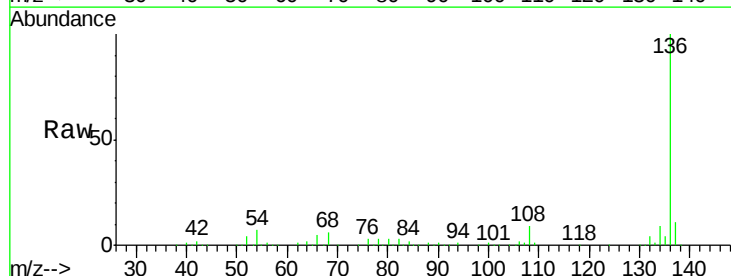
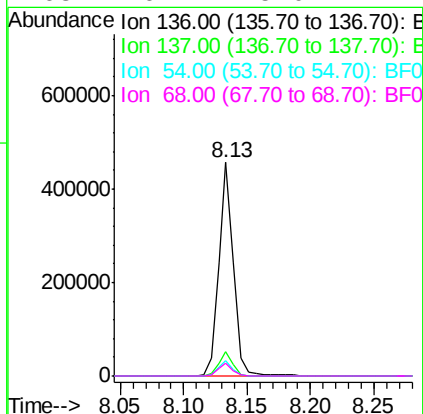
Instrument :
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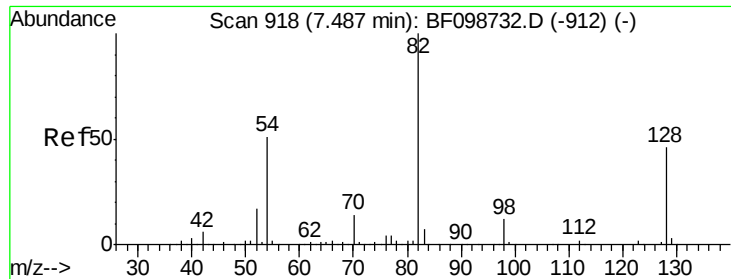
Tgt Ion: 70 Resp: 77112
Ion Ratio Lower Upper
70 100
42 43.3 47.5 71.3#
101 0.0 7.4 11.2#
130 2.6 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF099430.D
Acq: 13 Oct 2017 9:16

Tgt Ion: 136 Resp: 371954
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 7.3 6.6 9.8
68 6.1 5.0 7.4

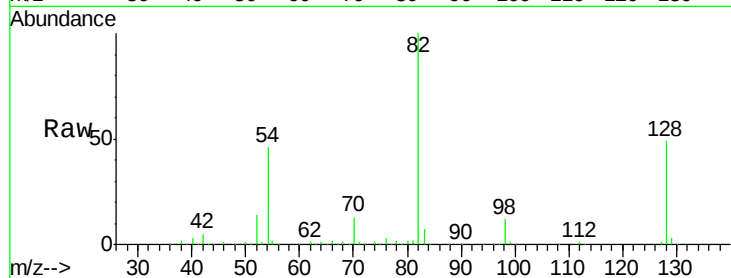




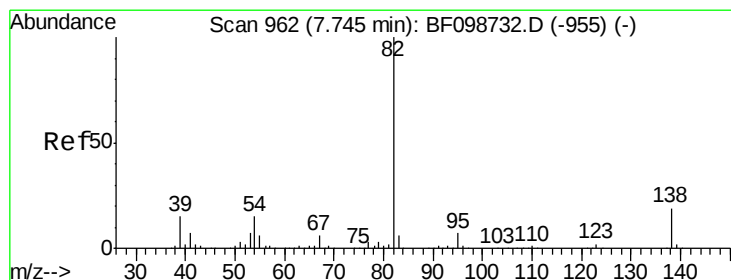
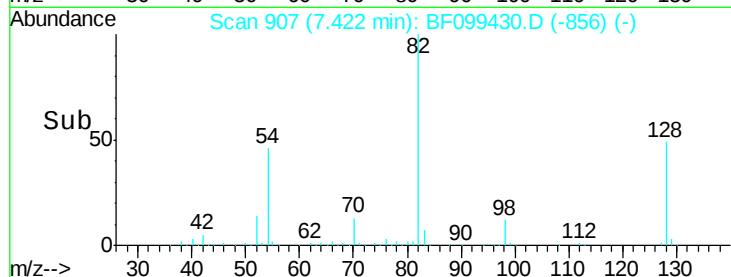
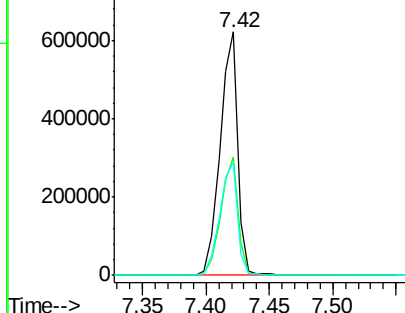
#23
Nitrobenzene-d5
Concen: 104.584 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.00 min
Lab File: BF099430.D
Acq: 13 Oct 2017 9:16

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

Tgt Ion: 82 Resp: 606583
Ion Ratio Lower Upper
82 100
128 48.8 36.1 54.1
54 46.3 41.4 62.2

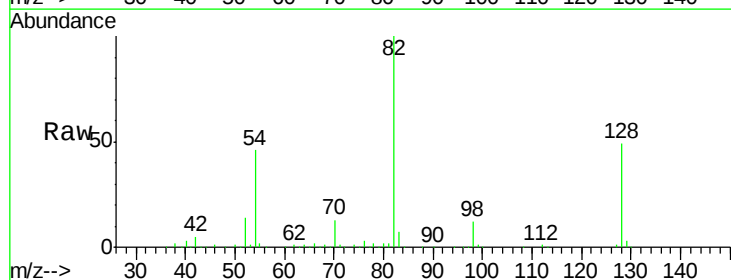


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

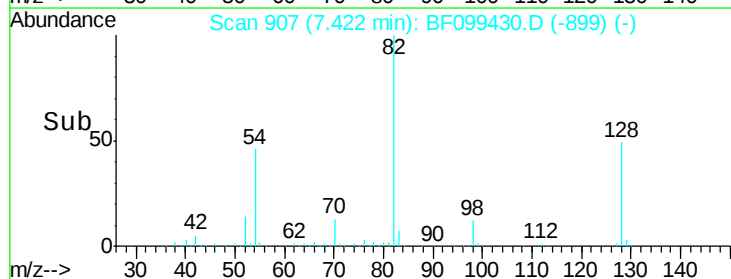
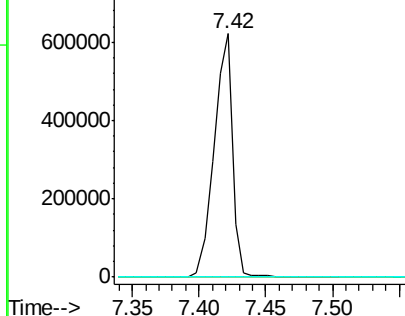


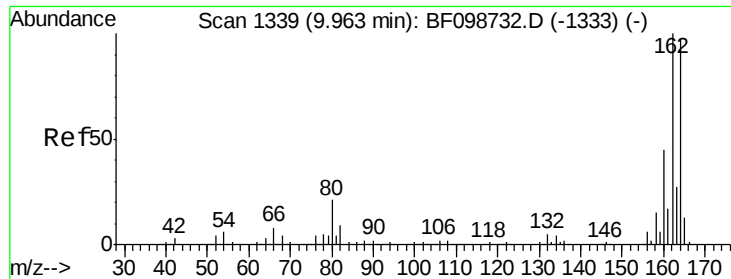
#25
Isophorone
Concen: 50.584 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.25 min
Lab File: BF099430.D
Acq: 13 Oct 2017 9:16

Tgt Ion: 82 Resp: 606573
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: BF099430.D

Acq: 13 Oct 2017 9:16

Instrument :

BNA_F

ClientSampleId :

100917-TIDO-F-U-S

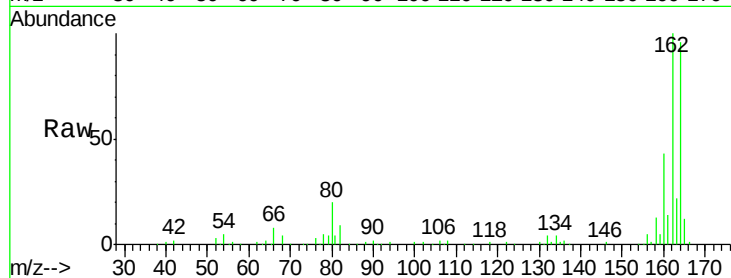
Tgt Ion:164 Resp: 135345

Ion Ratio Lower Upper

164 100

162 104.2 86.1 129.1

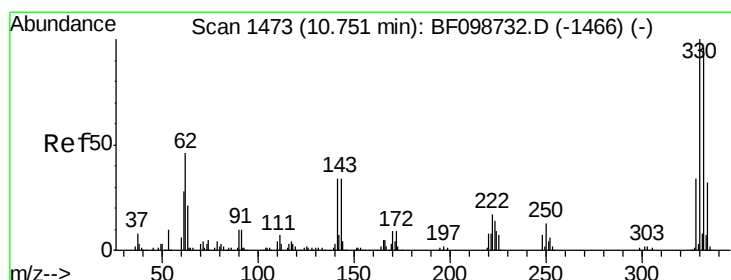
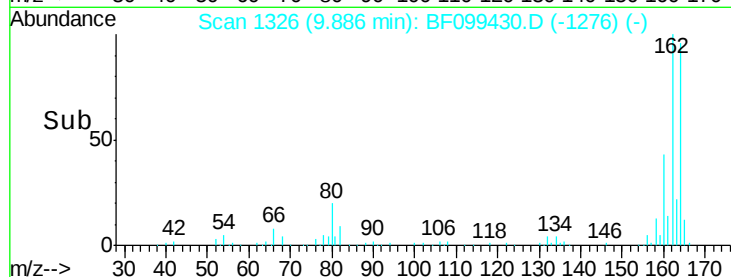
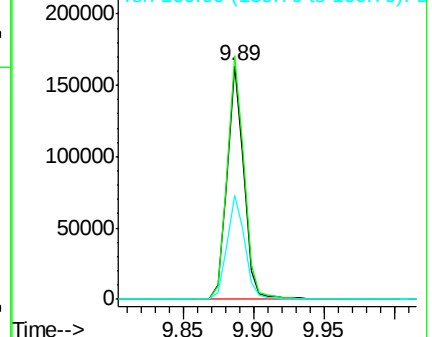
160 44.8 38.3 57.5



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: 85.649 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.00 min

Lab File: BF099430.D

Acq: 13 Oct 2017 9:16

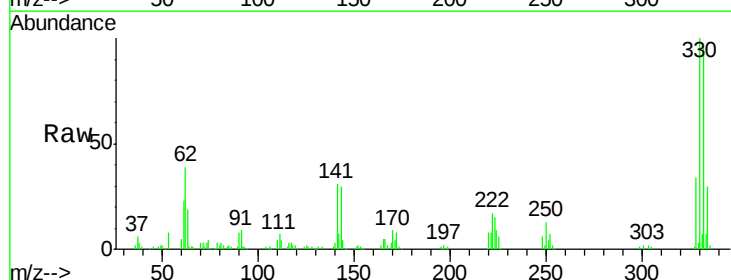
Tgt Ion:330 Resp: 94855

Ion Ratio Lower Upper

330 100

332 97.5 77.0 115.6

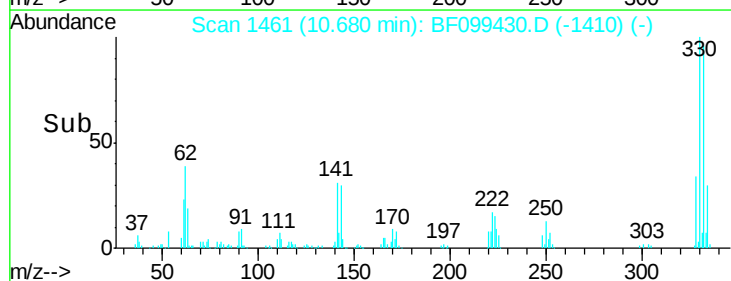
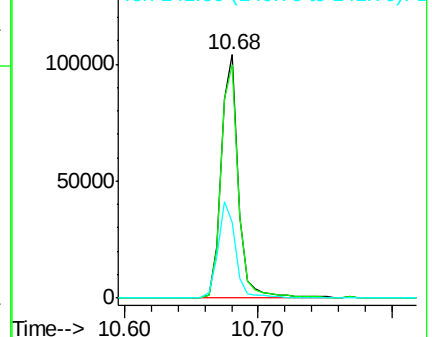
141 40.3 29.9 44.9

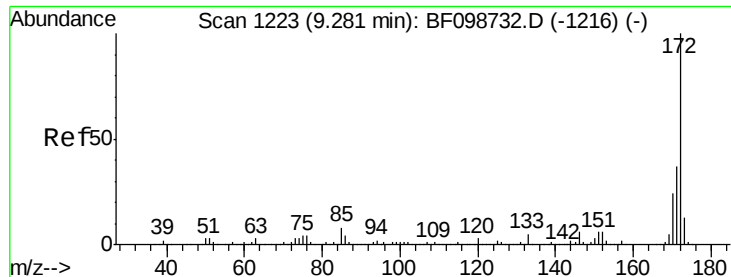


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

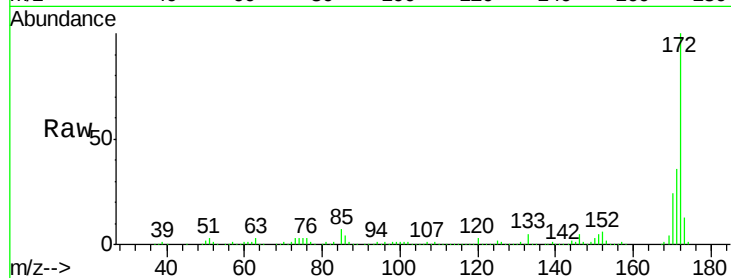




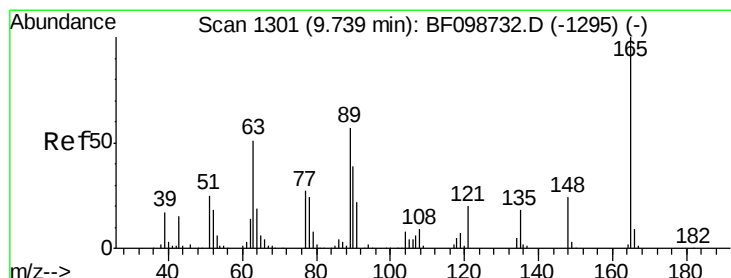
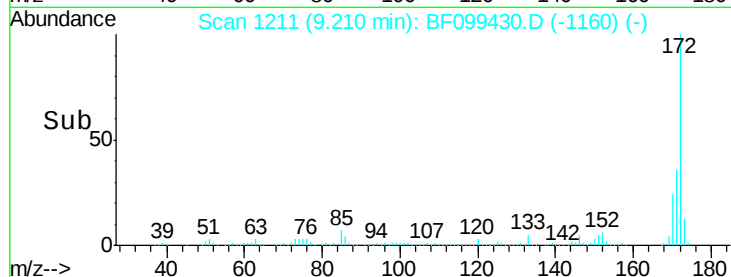
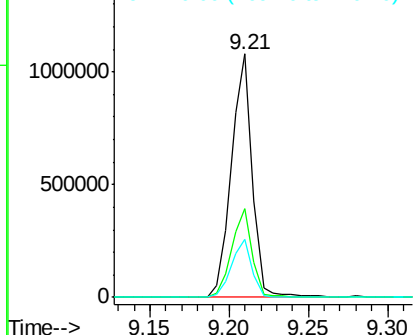
#44
 2-Fluorobiphenyl
 Concen: 121.541 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF099430.D
 Acq: 13 Oct 2017 9:16

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Tgt Ion:172 Resp: 985376
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.1 19.6 29.4

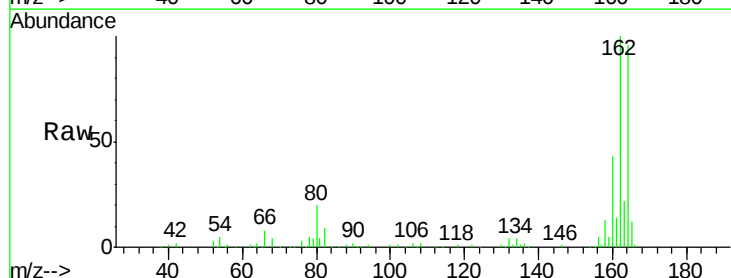


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

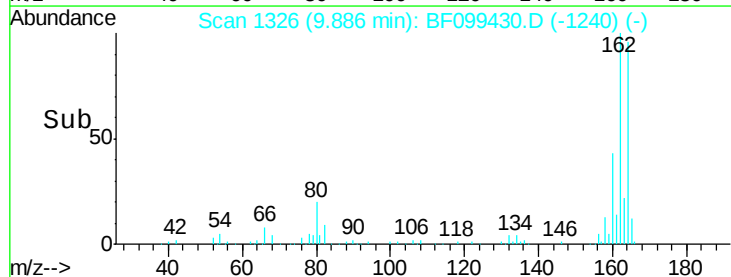
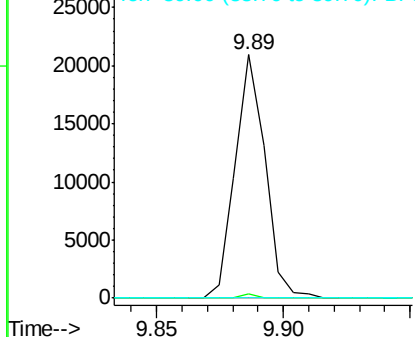


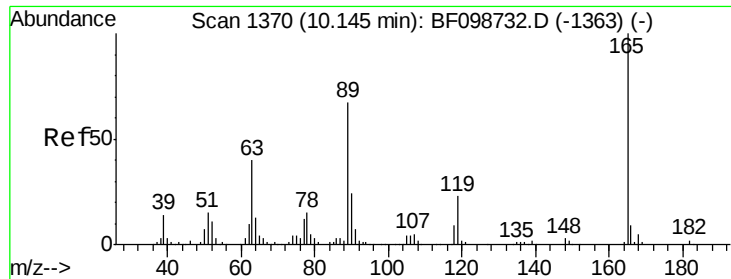
#50
 2,6-Dinitrotoluene
 Concen: 7.701 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.21 min
 Lab File: BF099430.D
 Acq: 13 Oct 2017 9:16

Tgt Ion:165 Resp: 17126
 Ion Ratio Lower Upper
 165 100
 63 1.5 44.7 67.1#
 89 0.0 44.0 66.0#



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

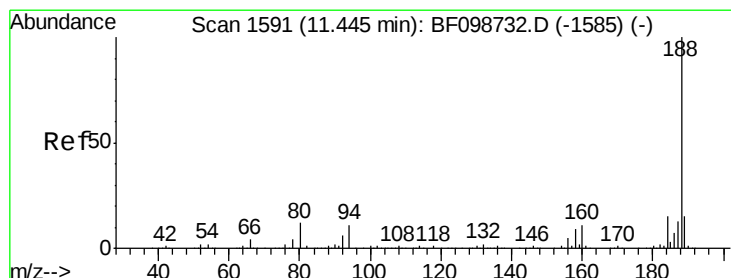
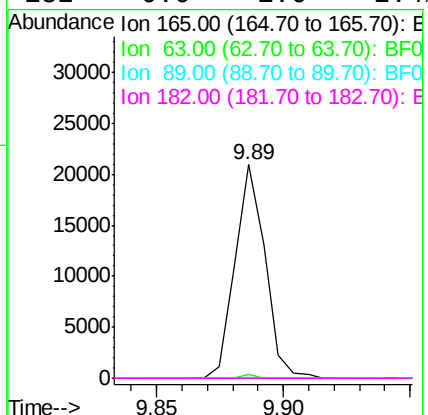
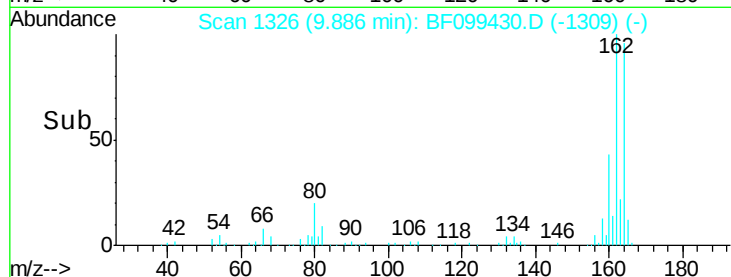
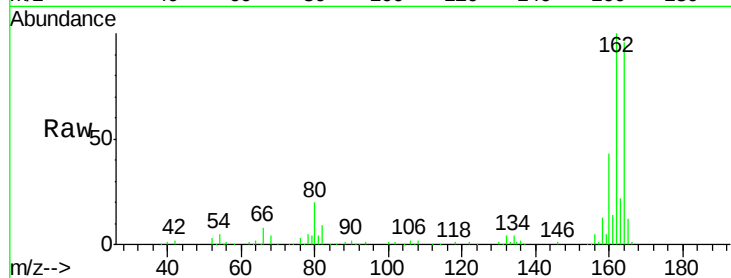




#56
 2,4-Dinitrotoluene
 Concen: 5.934 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.20 min
 Lab File: BF099430.D
 Acq: 13 Oct 2017 9:16

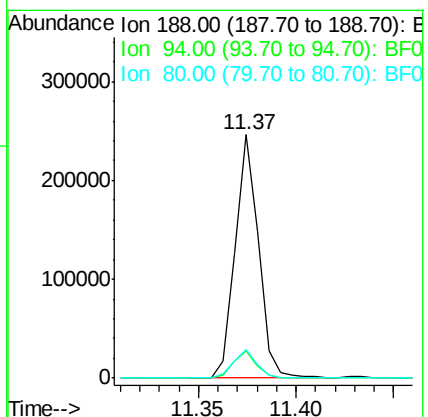
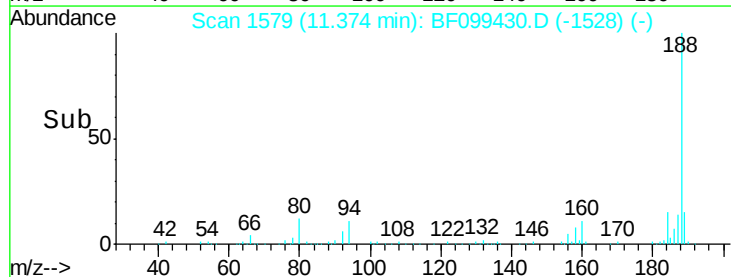
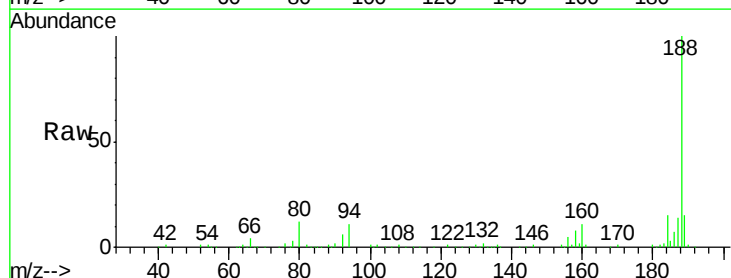
Instrument :
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 100917-TIDO-F-U-S

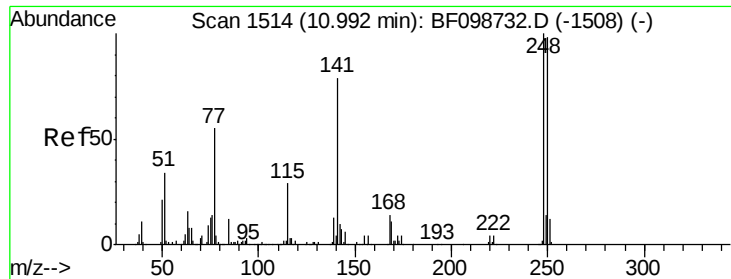
Tgt Ion:	165	Resp:	17126
Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.00 min
 Lab File: BF099430.D
 Acq: 13 Oct 2017 9:16

Tgt Ion:	188	Resp:	204417
Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.5	12.7
80	11.7	9.2	13.8

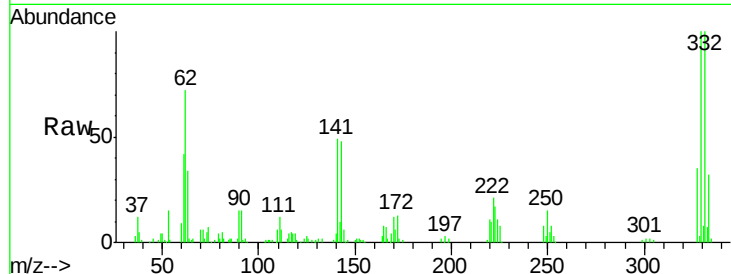




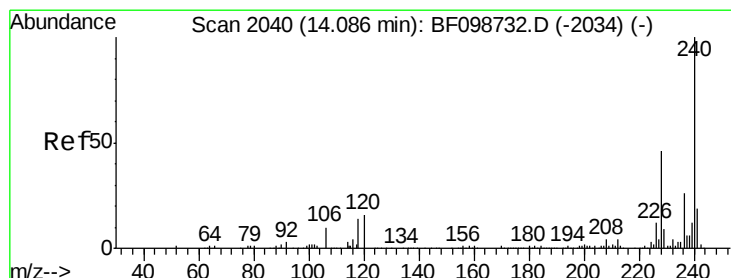
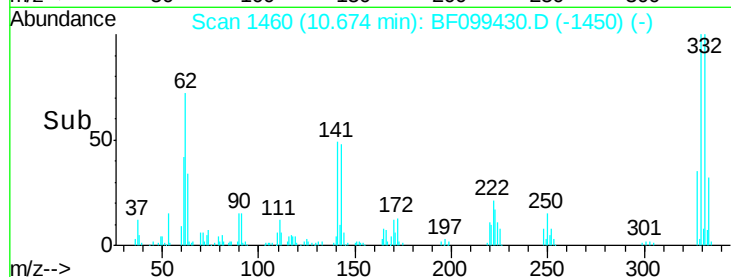
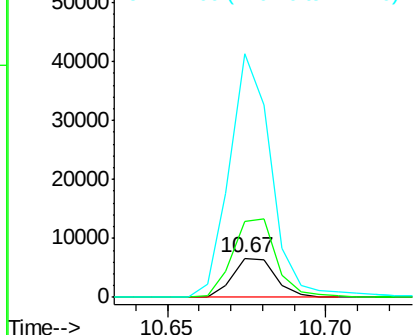
#66
4-Bromophenyl-phenylether
Concen: 3.073 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF099430.D
Acq: 13 Oct 2017 9:16

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

Tgt Ion:248 Resp: 6149
Ion Ratio Lower Upper
248 100
250 195.4 76.9 115.3#
141 622.6 74.4 111.6#

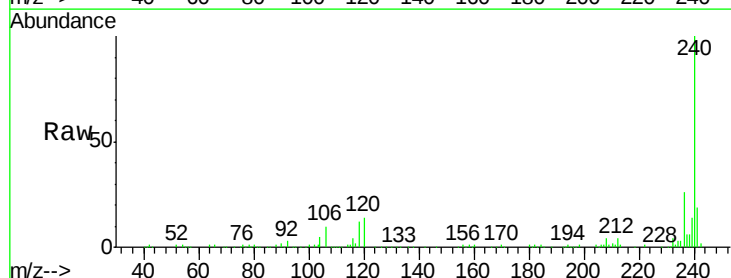


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

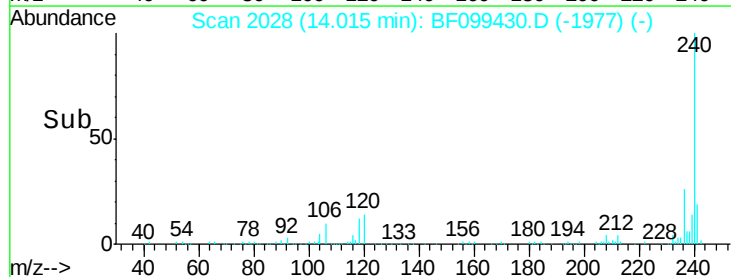
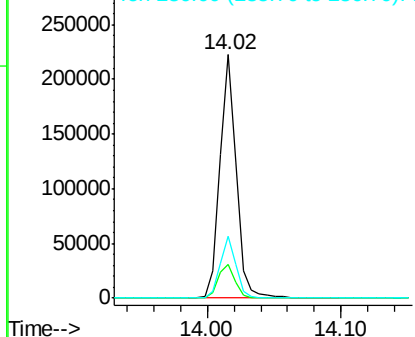


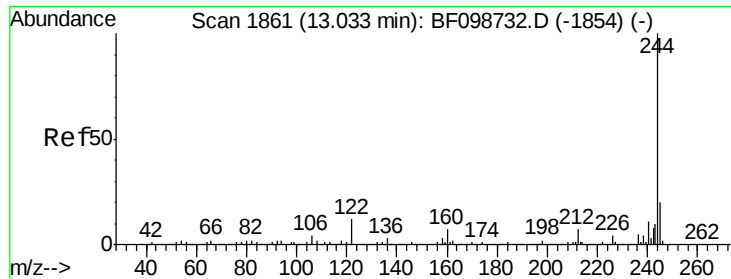
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BF099430.D
Acq: 13 Oct 2017 9:16

Tgt Ion:240 Resp: 194340
Ion Ratio Lower Upper
240 100
120 13.6 9.5 14.3
236 25.6 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

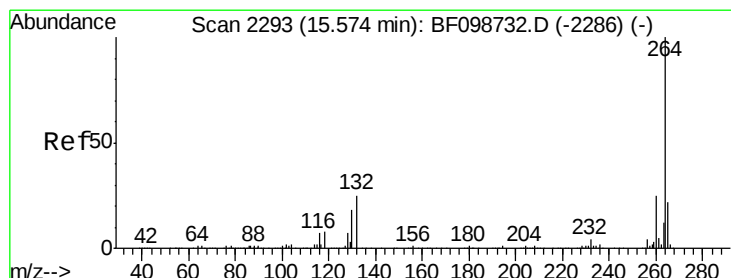
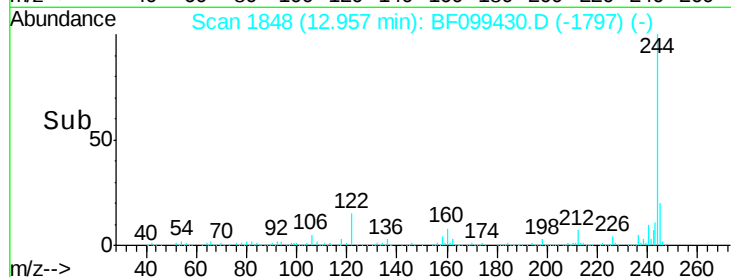
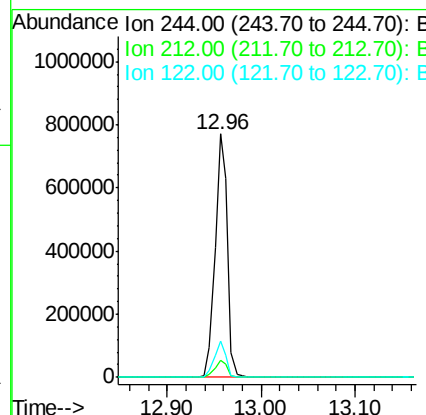
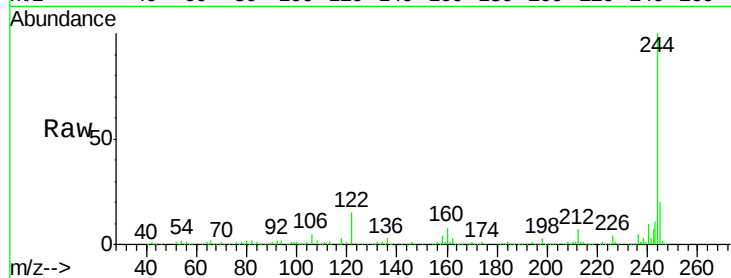




#78
 Terphenyl-d14
 Concen: 83.404 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.00 min
 Lab File: BF099430.D
 Acq: 13 Oct 2017 9:16

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

Tgt Ion:244 Resp: 712723
 Ion Ratio Lower Upper
 244 100
 212 7.1 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: BF099430.D
 Acq: 13 Oct 2017 9:16

Tgt Ion:264 Resp: 155074
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.6 17.5 26.3

