

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101217\
 Data File : BF099431.D
 Acq On : 13 Oct 2017 9:43
 Operator : SJ/JU
 Sample : I5731-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 100417-TIDO-F-D-B

Quant Time: Oct 13 13:19:41 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

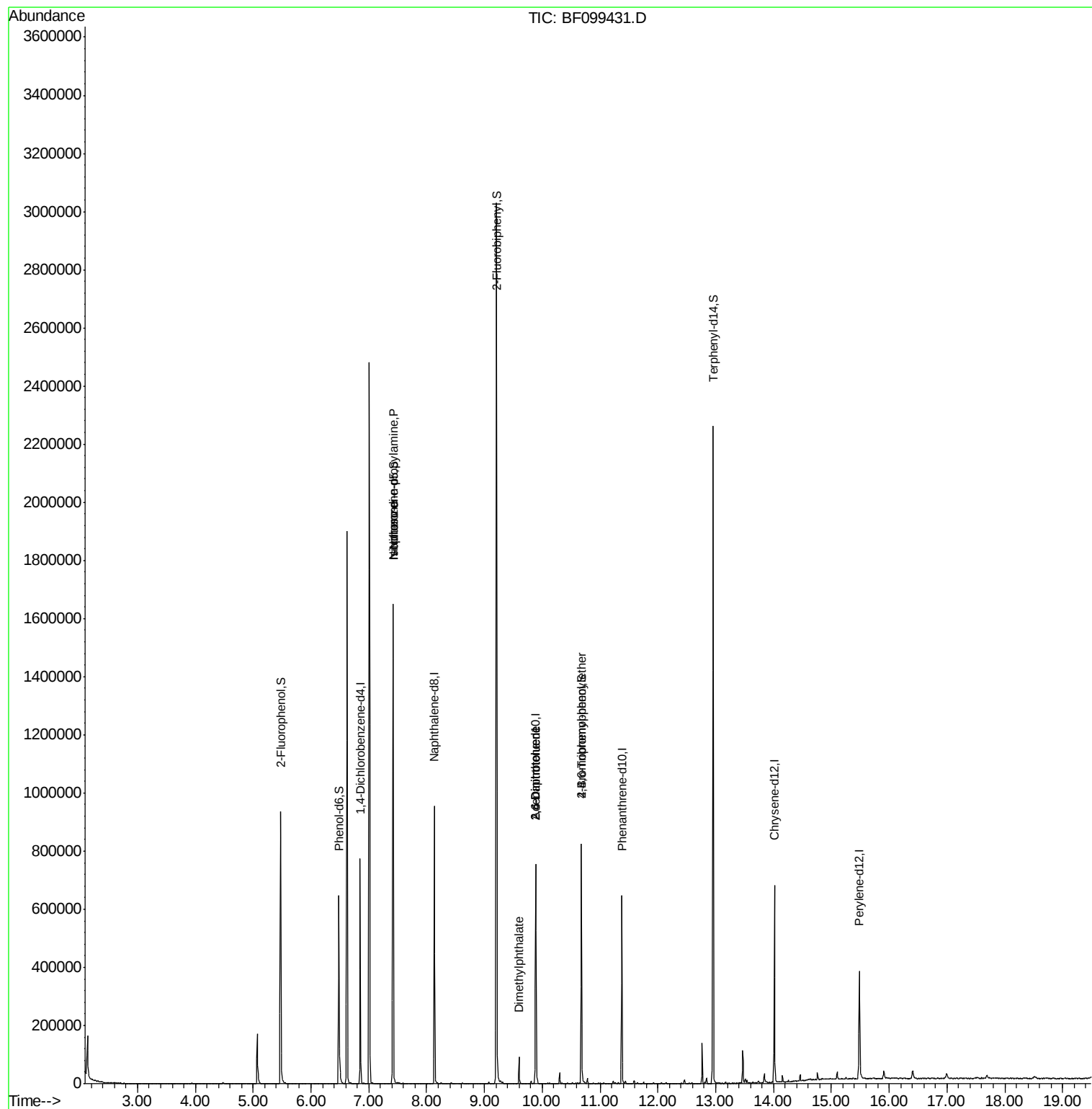
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	106836	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	399831	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	141506	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	217198	20.00	ng	0.00
75) Chrysene-d12	14.02	240	212256	20.00	ng	0.00
86) Perylene-d12	15.49	264	159898	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	298999	44.55	ng	0.00
7) Phenol-d6	6.48	99	216756	26.18	ng	0.00
23) Nitrobenzene-d5	7.42	82	588413	94.38	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	97201	83.95	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	985028	116.21	ng	0.00
78) Terphenyl-d14	12.96	244	777648	83.32	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	74056	14.010	ng	Qvalue # 74
25) Isophorone	7.42	82	588405	45.647	ng	# 64
49) Dimethylphthalate	9.60	163	38293	3.585	ng	99
50) 2,6-Dinitrotoluene	9.89	165	19024	8.182	ng	# 25
56) 2,4-Dinitrotoluene	9.89	165	19024	6.304	ng	# 22
66) 4-Bromophenyl-phenylether	10.67	248	6400	3.010	ng	# 1

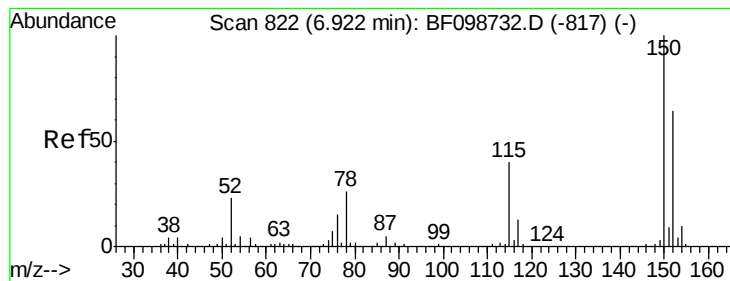
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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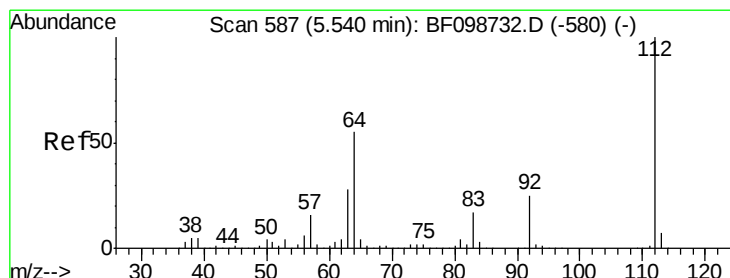
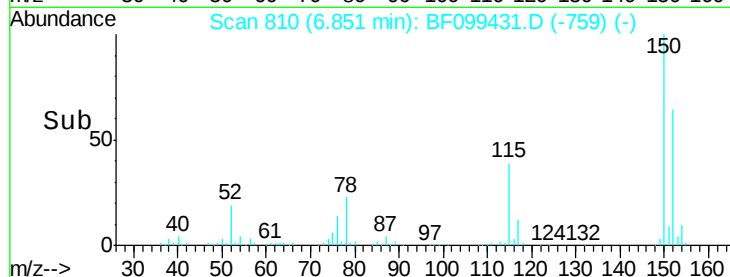
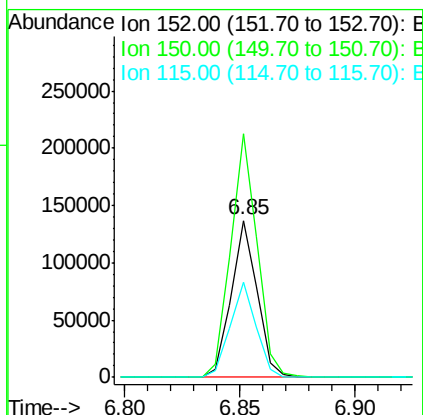
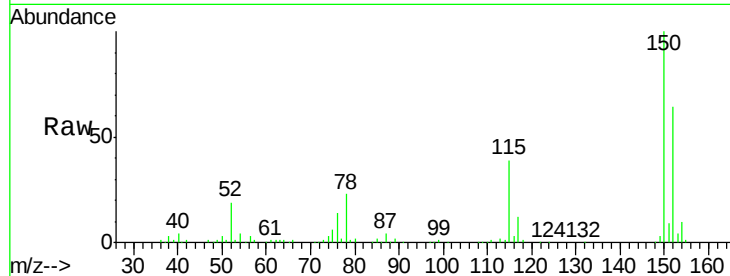


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF099431.D
 Acq: 13 Oct 2017 9:43

Instrument :
 BNA_F
 ClientSampleId :
 100417-TIDO-F-D-B

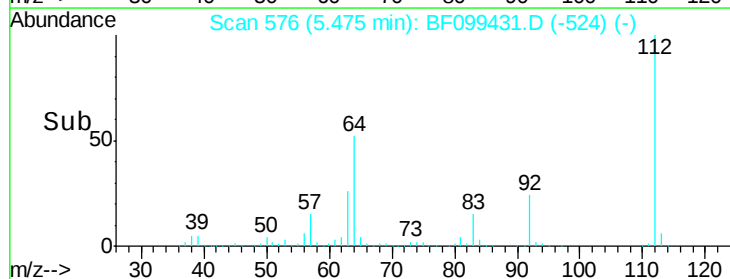
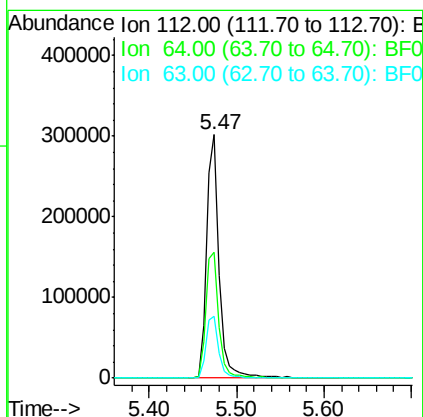
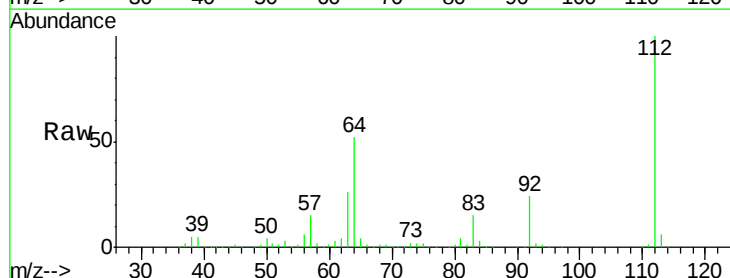
Tgt Ion:152 Resp: 106836
 Ion Ratio Lower Upper
 152 100
 150 155.1 124.6 186.8
 115 60.6 50.1 75.1

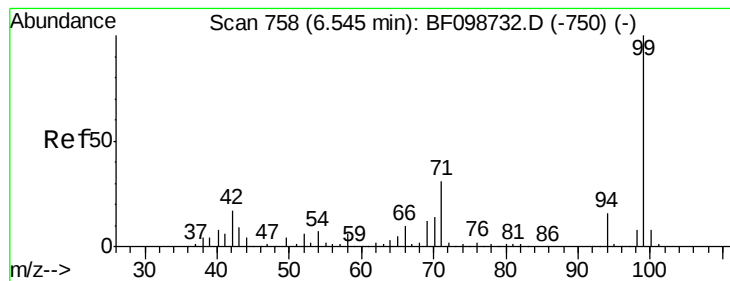


#5

2-Fluorophenol
 Concen: 44.552 ng
 RT: 5.47 min Scan# 576
 Delta R.T. 0.01 min
 Lab File: BF099431.D
 Acq: 13 Oct 2017 9:43

Tgt Ion:112 Resp: 298999
 Ion Ratio Lower Upper
 112 100
 64 51.6 47.9 71.9
 63 25.6 23.7 35.5





#7

Phenol-d6

Concen: 26.181 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF099431.D

Acq: 13 Oct 2017 9:43

Instrument :

BNA_F

ClientSampleId :

100417-TIDO-F-D-B

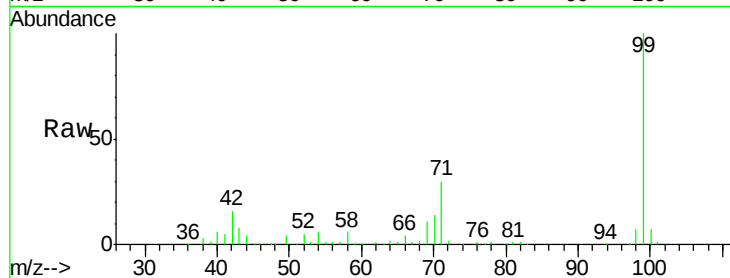
Tgt Ion: 99 Resp: 216756

Ion Ratio Lower Upper

99 100

42 16.4 14.5 21.7

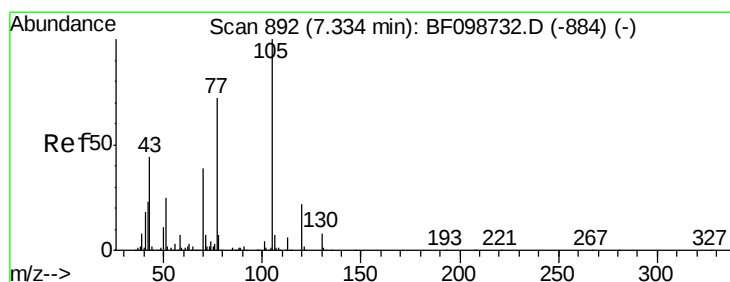
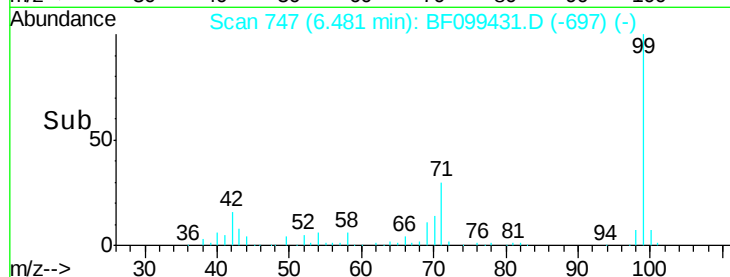
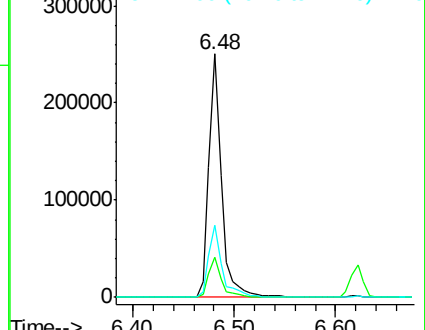
71 29.7 25.4 38.0



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: 14.010 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.15 min

Lab File: BF099431.D

Acq: 13 Oct 2017 9:43

Tgt Ion: 70 Resp: 74056

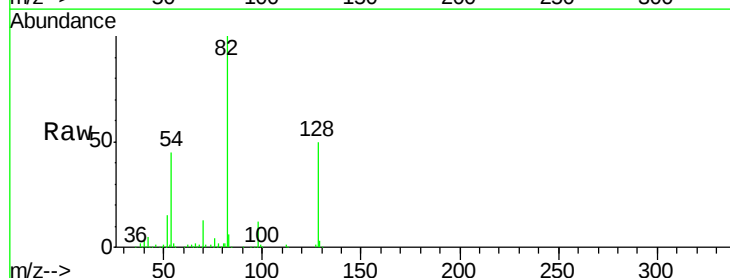
Ion Ratio Lower Upper

70 100

42 43.1 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

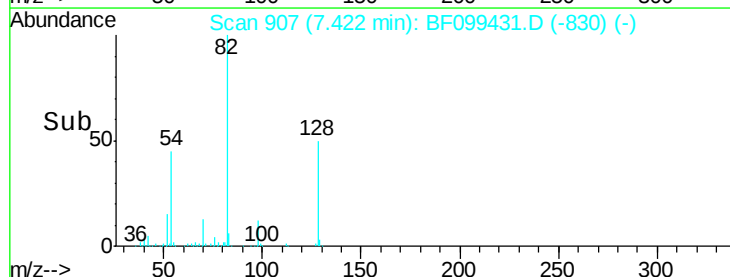
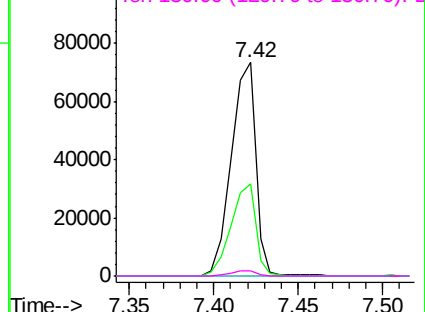


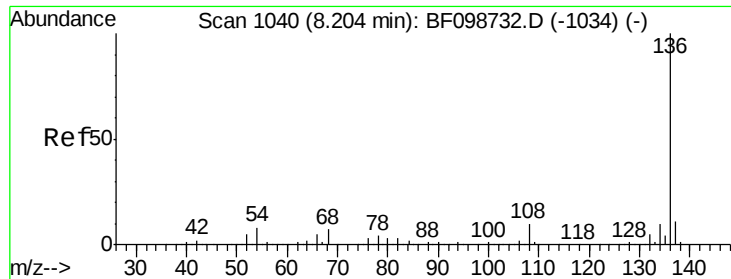
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

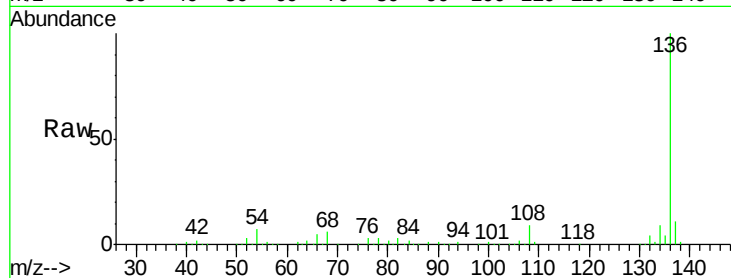




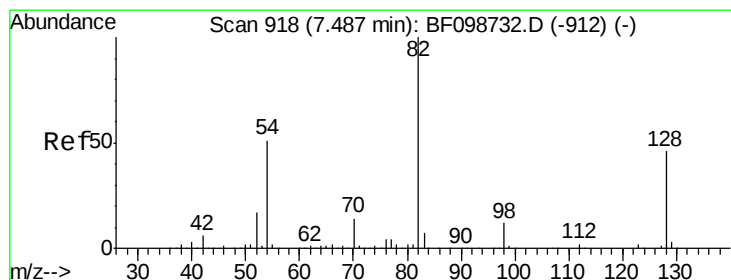
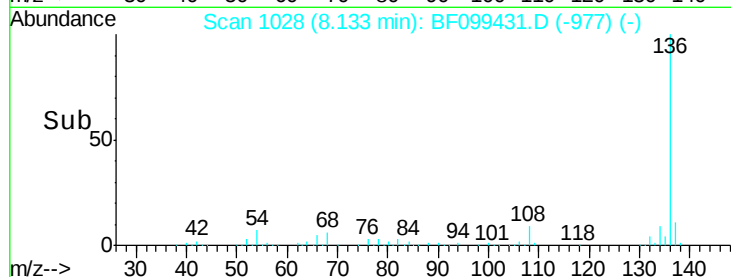
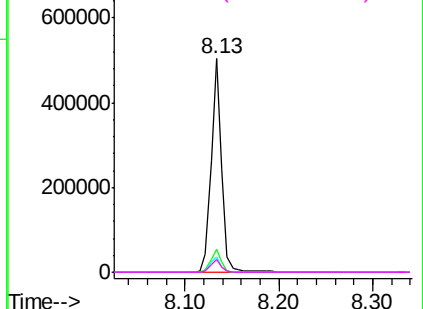
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF099431.D
Acq: 13 Oct 2017 9:43

Instrument :
BNA_F
ClientSampleId :
100417-TIDO-F-D-B

Tgt Ion:	136	Resp:	399831
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.9	13.3
54	7.1	6.6	9.8
68	5.8	5.0	7.4

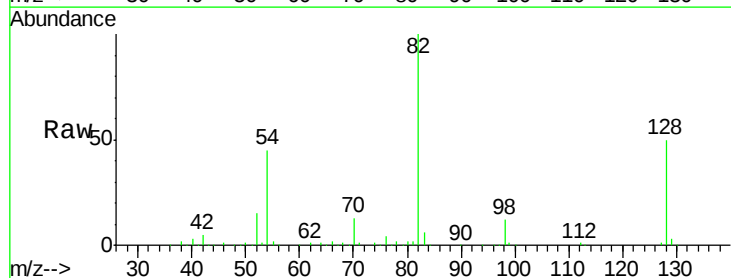


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

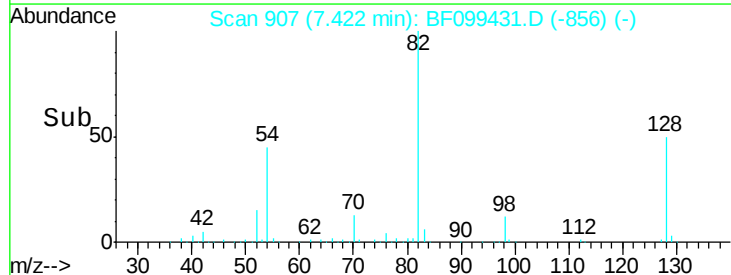
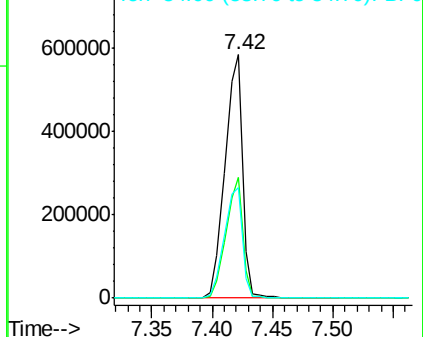


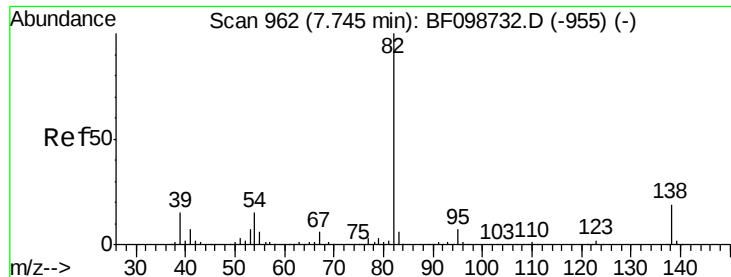
#23
Nitrobenzene-d5
Concen: 94.377 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: BF099431.D
Acq: 13 Oct 2017 9:43

Tgt Ion:	82	Resp:	588413
Ion Ratio	Lower	Upper	
82	100		
128	49.8	36.1	54.1
54	45.5	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: 45.647 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.25 min

Lab File: BF099431.D

Acq: 13 Oct 2017 9:43

Instrument :

BNA_F

ClientSampleId :

100417-TIDO-F-D-B

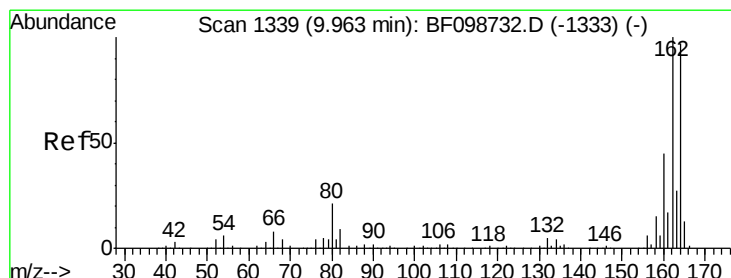
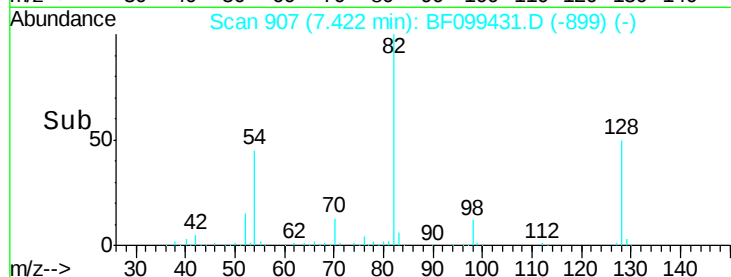
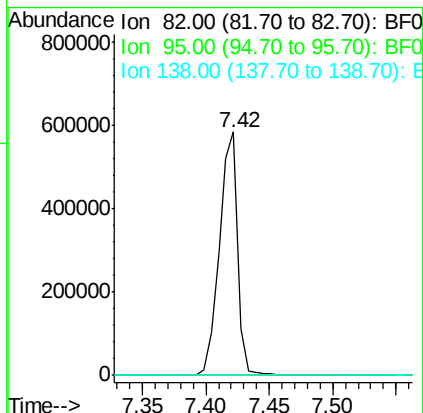
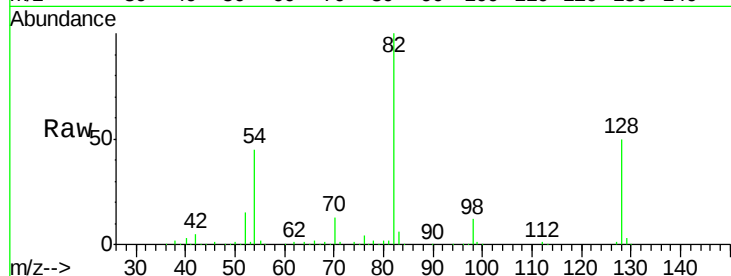
Tgt Ion: 82 Resp: 588405

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF099431.D

Acq: 13 Oct 2017 9:43

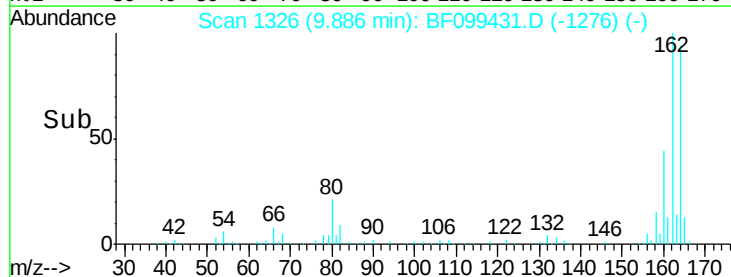
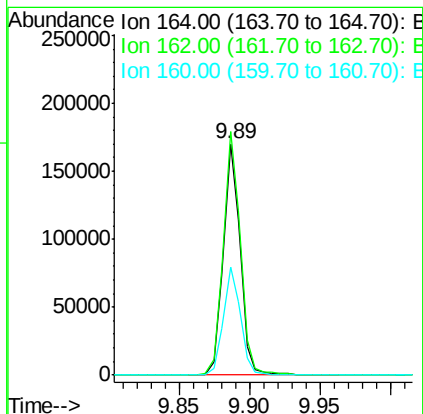
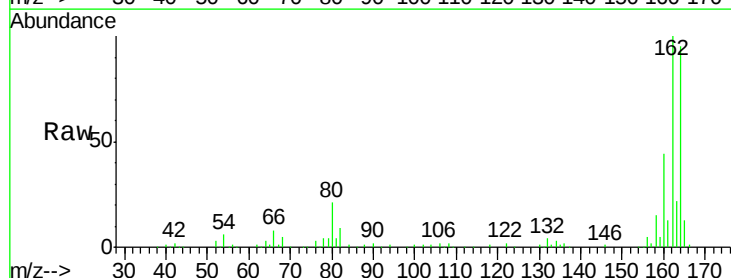
Tgt Ion: 164 Resp: 141506

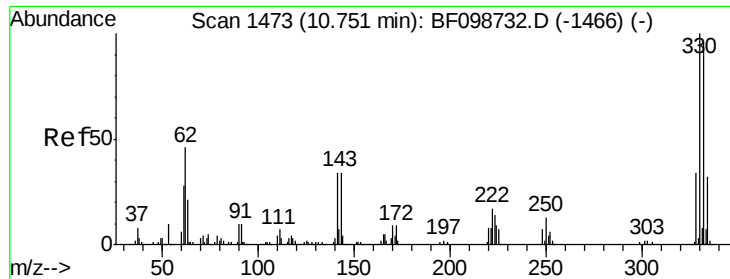
Ion Ratio Lower Upper

164 100

162 105.2 86.1 129.1

160 46.5 38.3 57.5

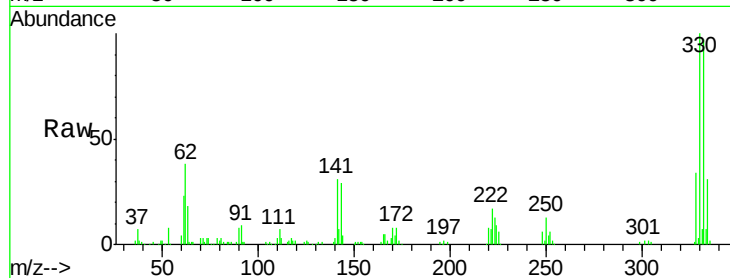




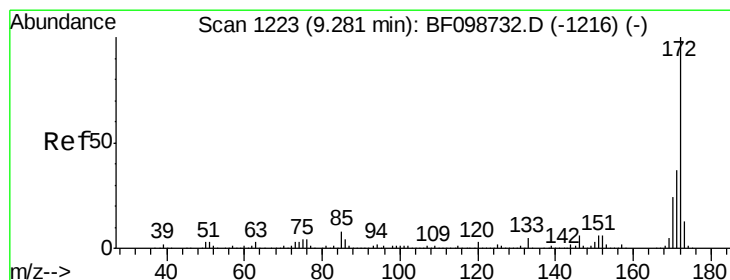
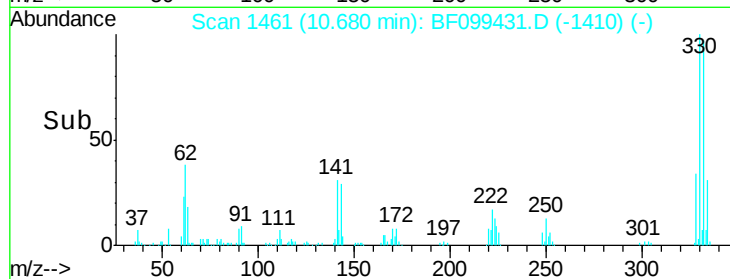
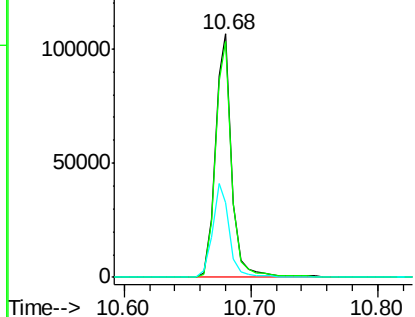
#41
 2,4,6-Tribromophenol
 Concen: 83.946 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: BF099431.D
 Acq: 13 Oct 2017 9:43

Instrument :
 BNA_F
 ClientSampleId :
 100417-TIDO-F-D-B

Tgt Ion:330 Resp: 97201
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.0 115.6
 141 39.6 29.9 44.9

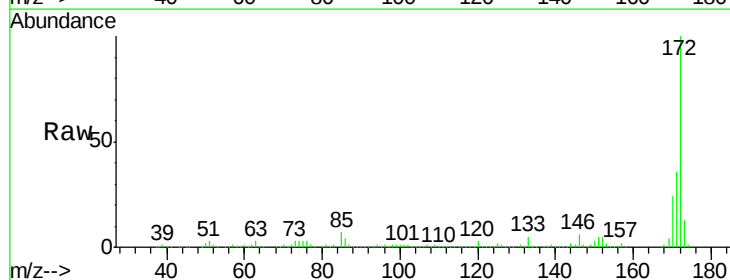


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

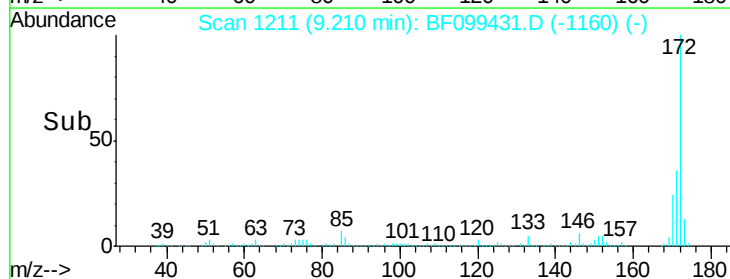
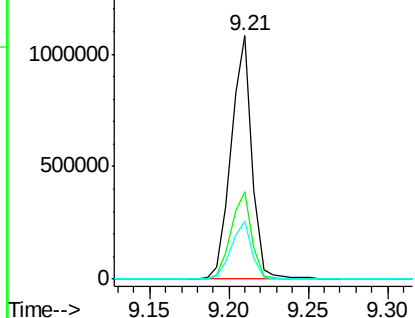


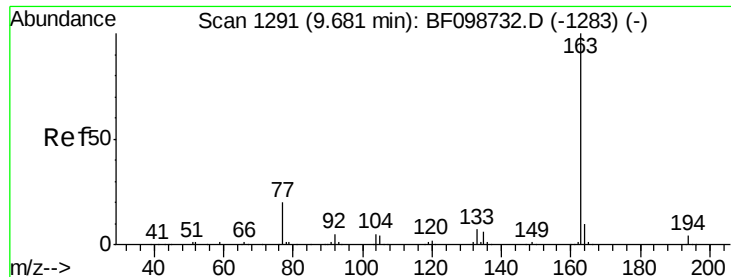
#44
 2-Fluorobiphenyl
 Concen: 116.209 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF099431.D
 Acq: 13 Oct 2017 9:43

Tgt Ion:172 Resp: 985028
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 23.8 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

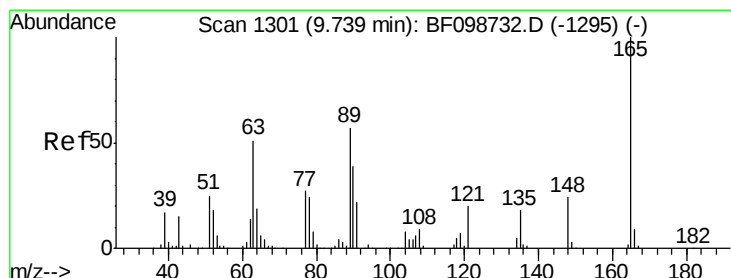
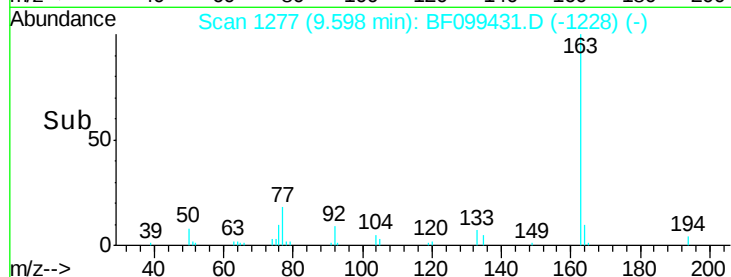
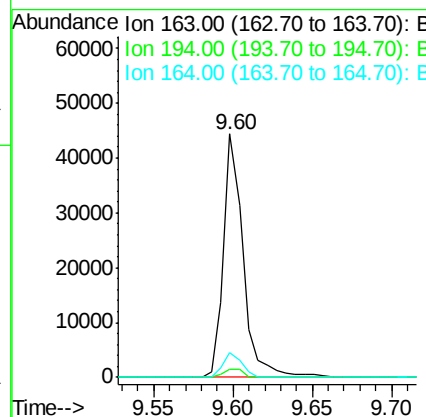
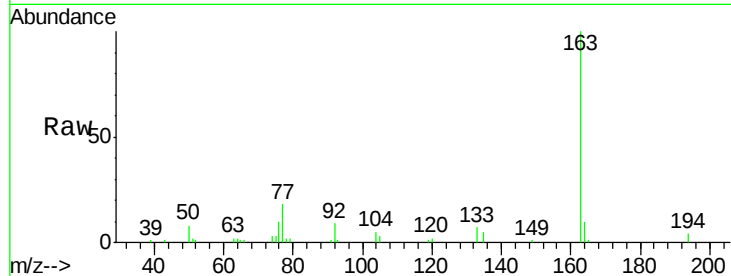




#49
Dimethylphthalate
Concen: 3.585 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF099431.D
Acq: 13 Oct 2017 9:43

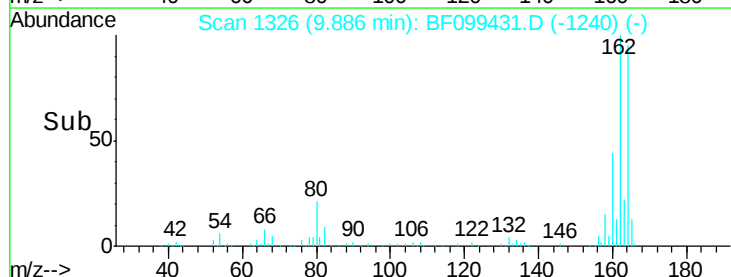
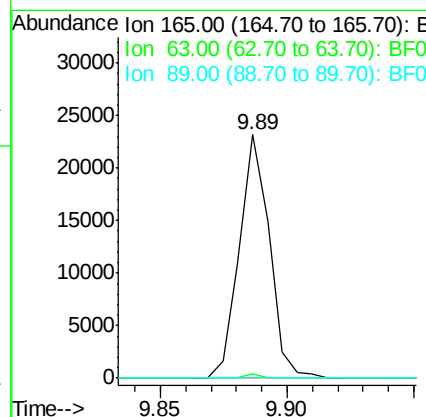
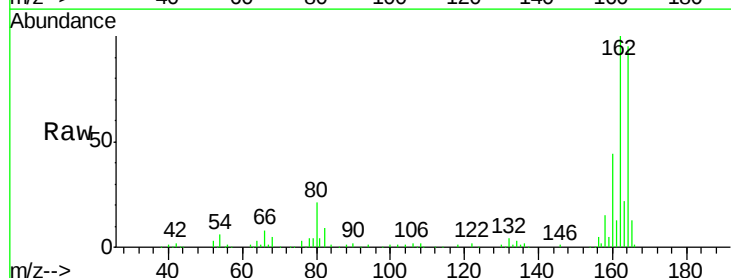
Instrument :
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100417-TIDO-F-D-B

Tgt Ion:163 Resp: 38293
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.9 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 8.182 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.21 min
Lab File: BF099431.D
Acq: 13 Oct 2017 9:43

Tgt Ion:165 Resp: 19024
Ion Ratio Lower Upper
165 100
63 1.7 44.7 67.1#
89 0.0 44.0 66.0#

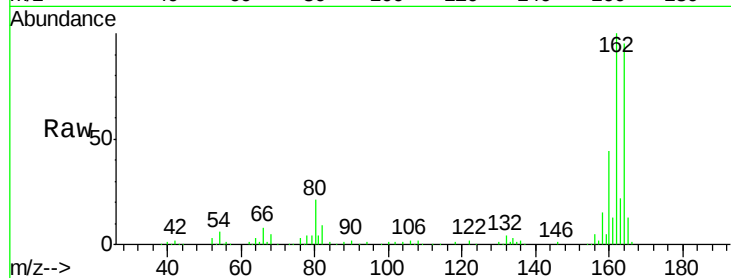




#56
 2,4-Dinitrotoluene
 Concen: 6.304 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.20 min
 Lab File: BF099431.D
 Acq: 13 Oct 2017 9:43

Instrument :
 BNA_F
 ClientSampleId :
 100417-TIDO-F-D-B

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

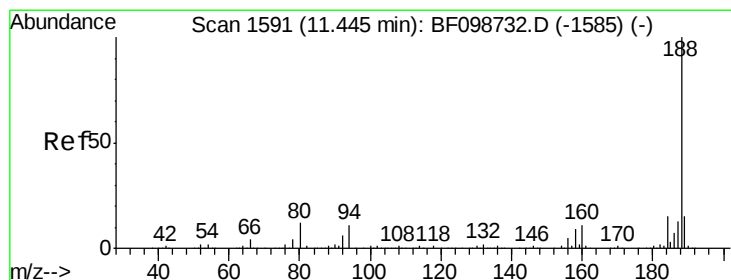
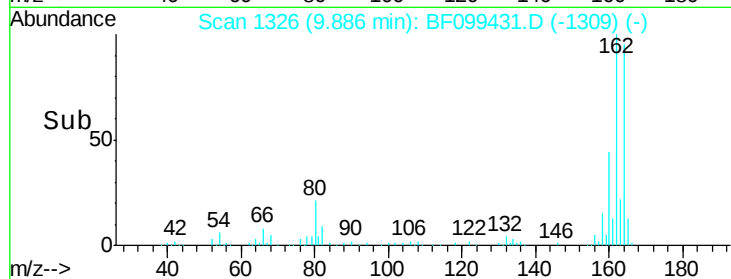
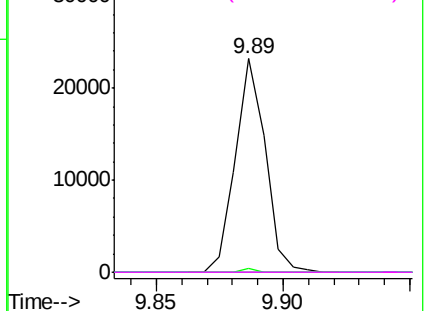


Abundance Ion 165.00 (164.70 to 165.70): E

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



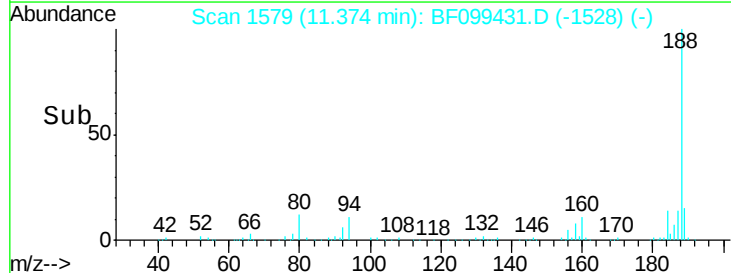
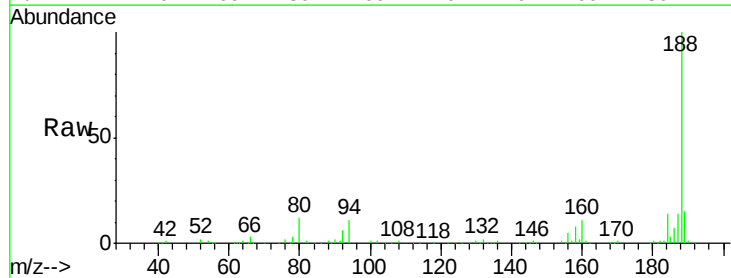
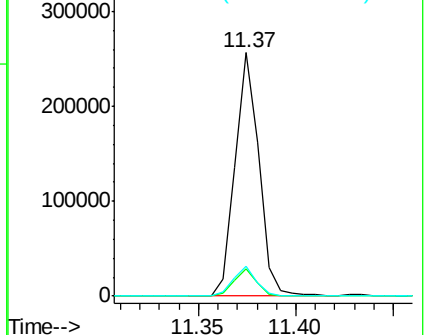
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BF099431.D
 Acq: 13 Oct 2017 9:43

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.3	8.5	12.7
80	12.0	9.2	13.8

Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

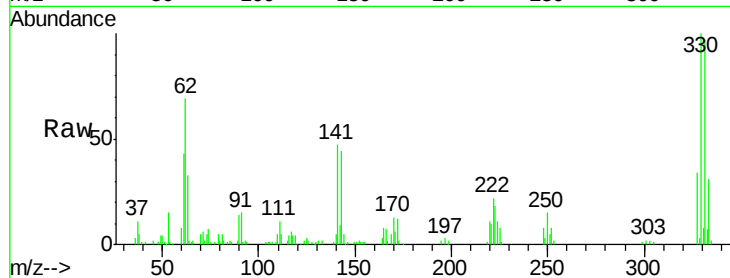




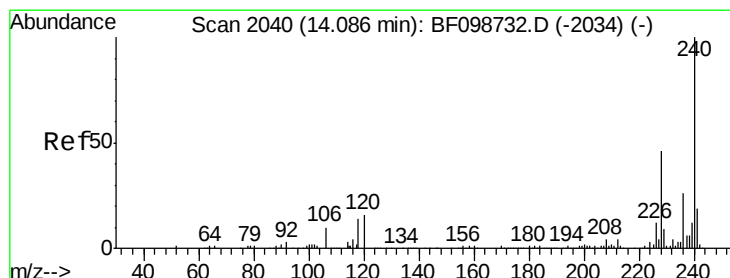
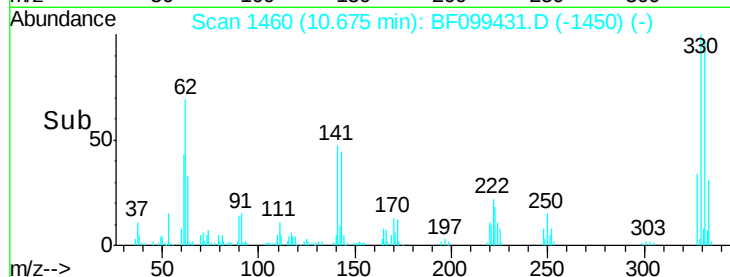
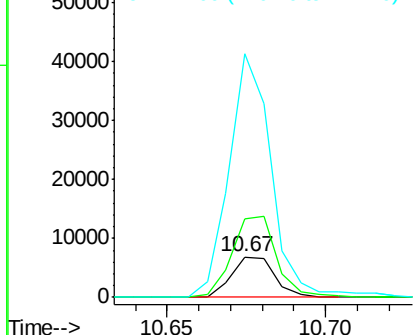
#66
4-Bromophenyl-phenylether
Concen: 3.010 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF099431.D
Acq: 13 Oct 2017 9:43

Instrument :
BNA_F
ClientSampleId :
100417-TIDO-F-D-B

Tgt Ion:248 Resp: 6400
Ion Ratio Lower Upper
248 100
250 195.8 76.9 115.3#
141 607.7 74.4 111.6#

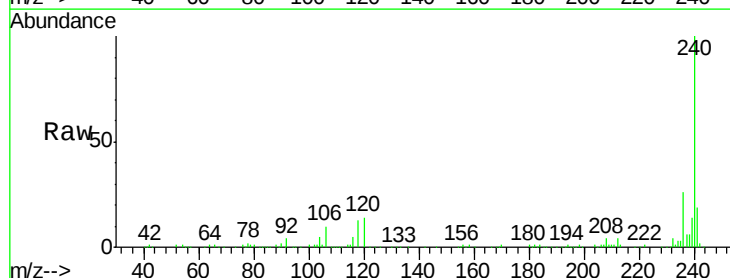


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

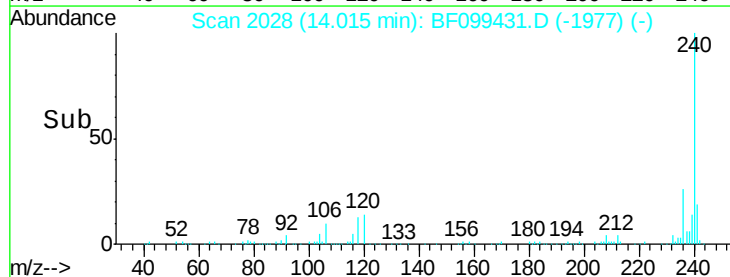
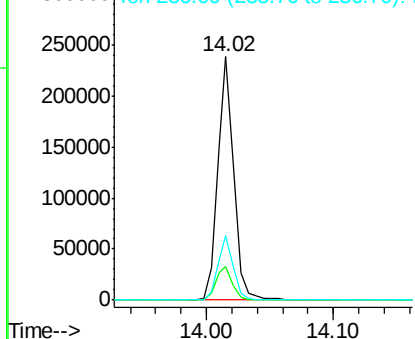


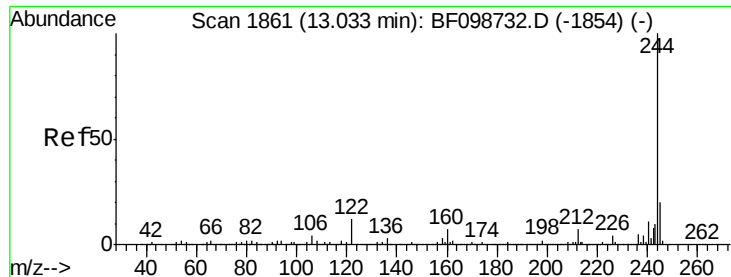
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BF099431.D
Acq: 13 Oct 2017 9:43

Tgt Ion:240 Resp: 212256
Ion Ratio Lower Upper
240 100
120 14.0 9.5 14.3
236 26.3 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

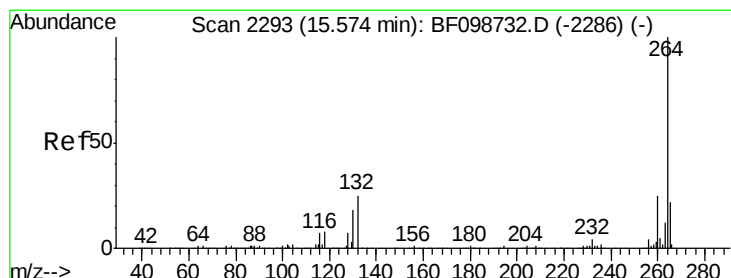
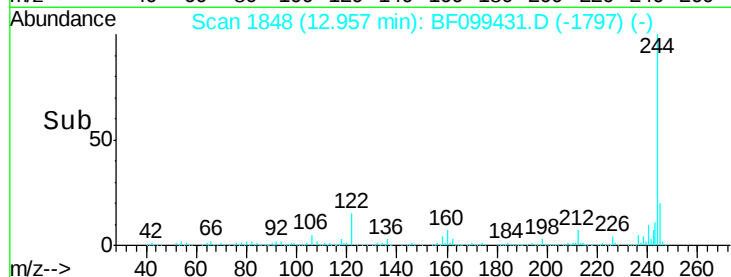
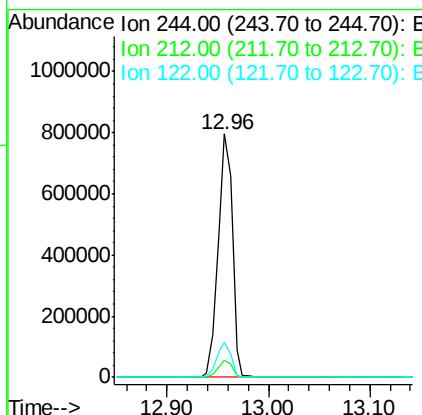
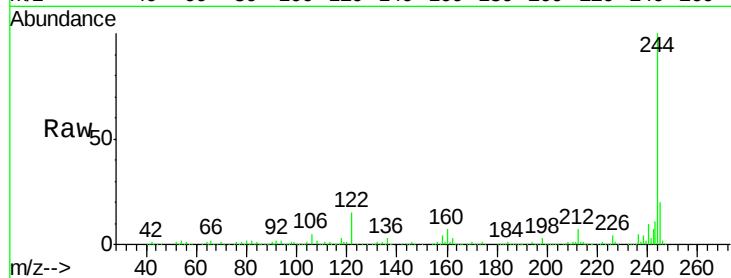




#78
 Terphenyl-d14
 Concen: 83.321 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. 0.00 min
 Lab File: BF099431.D
 Acq: 13 Oct 2017 9:43

Instrument :
 BNA_F
 ClientSampleId :
 100417-TIDO-F-D-B

Tgt Ion: 244 Resp: 777648
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 14.6 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: BF099431.D
 Acq: 13 Oct 2017 9:43

Tgt Ion: 264 Resp: 159898
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.1 17.5 26.3

