

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101317\
 Data File : BF099447.D
 Acq On : 13 Oct 2017 18:48
 Operator : SJ/JU
 Sample : PB103199BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 13 22:51:15 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

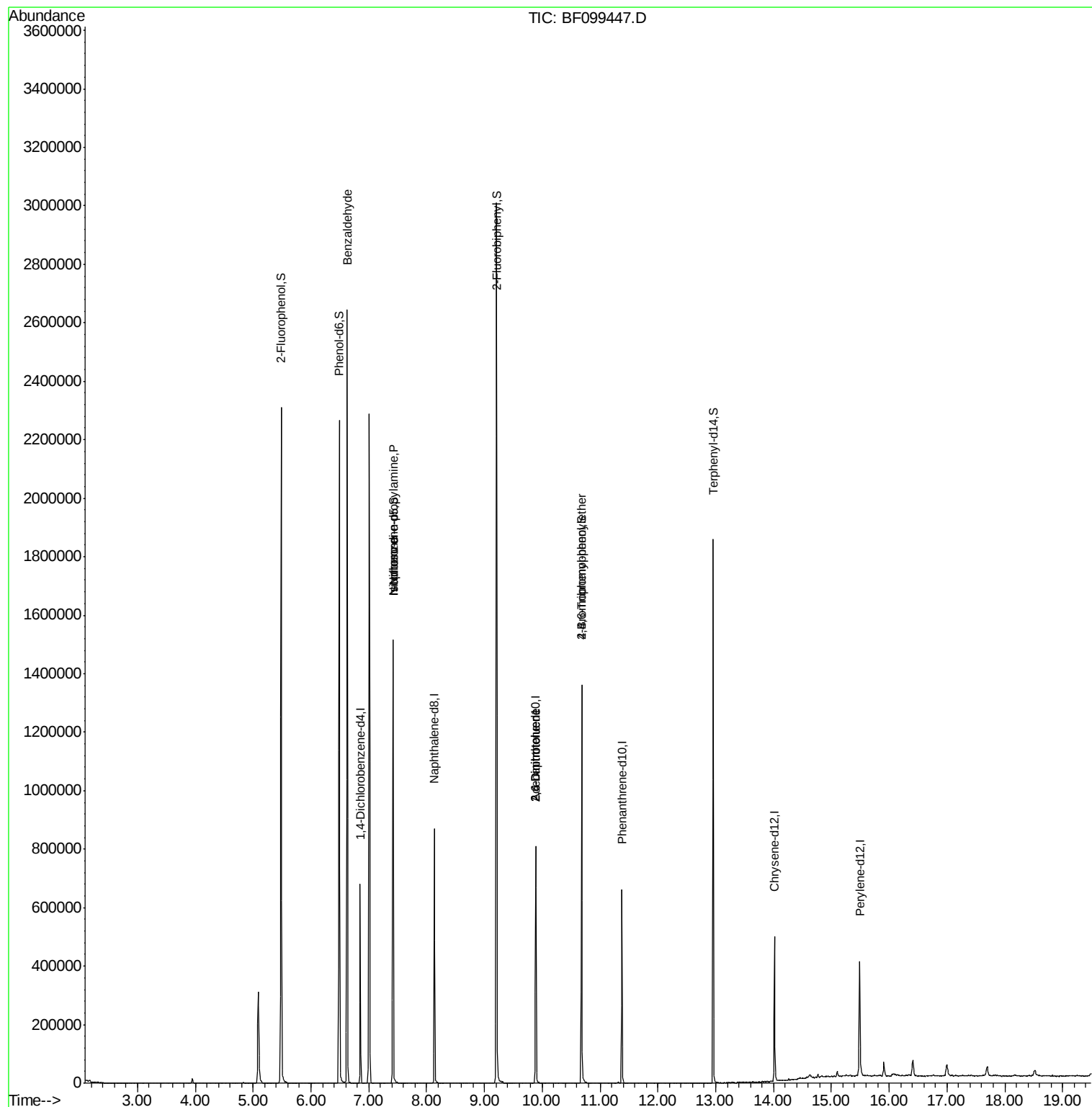
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	97982	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	390505	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	162570	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	231479	20.00	ng	0.00
75) Chrysene-d12	14.02	240	163187	20.00	ng	0.00
86) Perylene-d12	15.49	264	181043	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	775913	126.06	ng	0.02
7) Phenol-d6	6.49	99	904217	119.09	ng	0.00
23) Nitrobenzene-d5	7.42	82	551579	90.58	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	156023	117.29	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	988002	101.46	ng	0.00
78) Terphenyl-d14	12.96	244	601892	83.88	ng	0.00
Target Compounds						
9) Benzaldehyde	6.63	77	14579	3.31	ng	Qvalue 89
19) n-Nitroso-di-n-propylamine	7.42	70	69737	14.39	ng	# 72
25) Isophorone	7.42	82	551573	43.81	ng	# 64
50) 2,6-Dinitrotoluene	9.89	165	19986	7.48	ng	# 24
56) 2,4-Dinitrotoluene	9.89	165	19986	5.77	ng	# 21
66) 4-Bromophenyl-phenylether	10.68	248	10210	4.51	ng	# 1

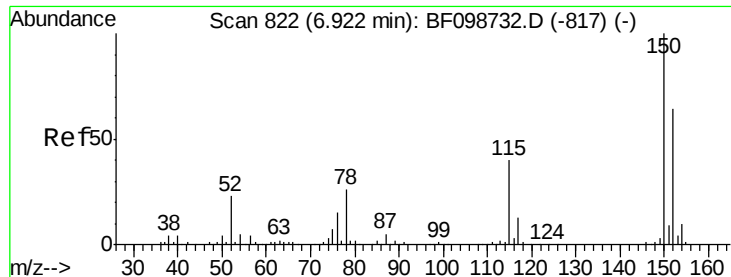
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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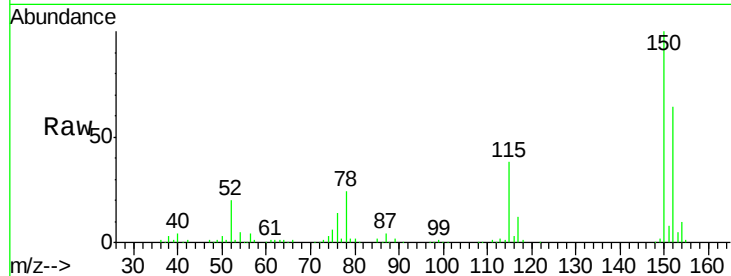


#1

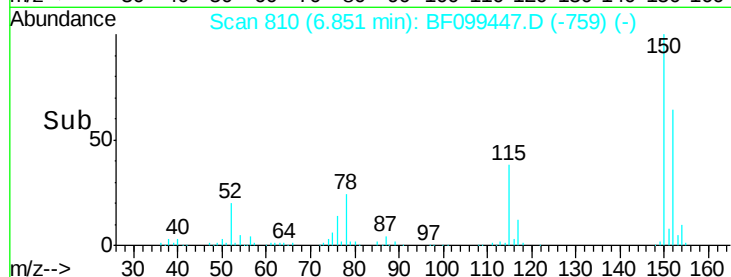
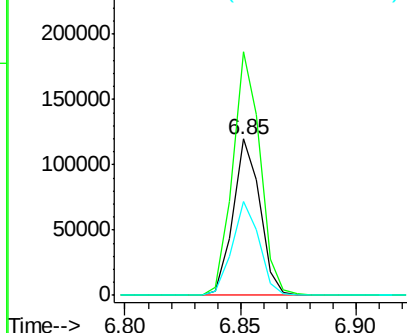
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF099447.D
Acq: 13 Oct 2017 18:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 97982
Ion Ratio Lower Upper
152 100
150 155.8 124.6 186.8
115 59.9 50.1 75.1



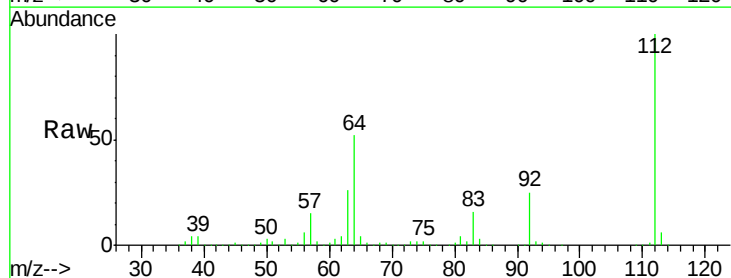
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



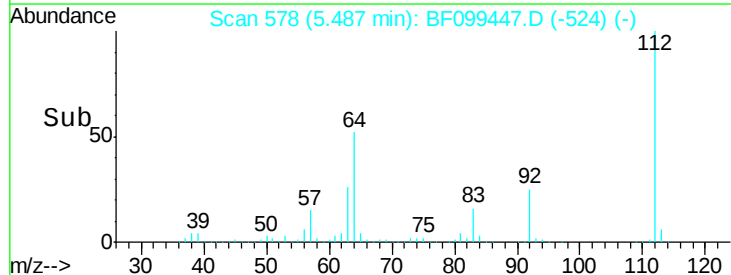
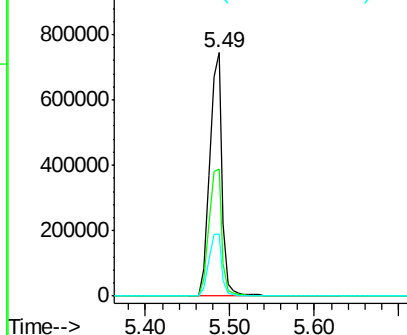
#5

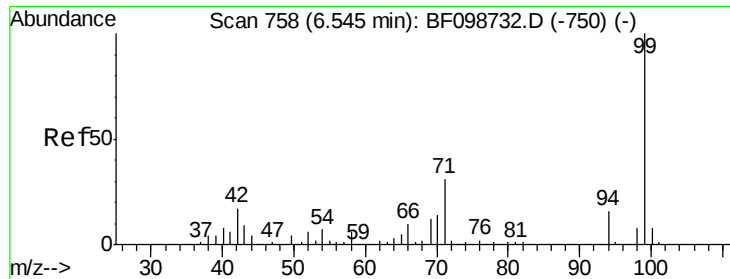
2-Fluorophenol
Concen: 126.06 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.02 min
Lab File: BF099447.D
Acq: 13 Oct 2017 18:48

Tgt Ion:112 Resp: 775913
Ion Ratio Lower Upper
112 100
64 52.3 47.9 71.9
63 25.7 23.7 35.5



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: 119.09 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF099447.D

Acq: 13 Oct 2017 18:48

Instrument :

BNA_F

ClientSampled :

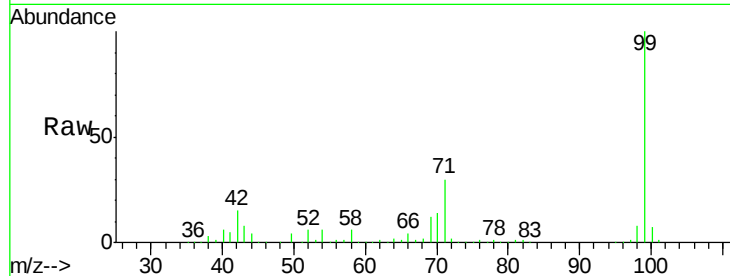
Tot Ion: 99 Resp: 904217

Ion Ratio Lower Upper

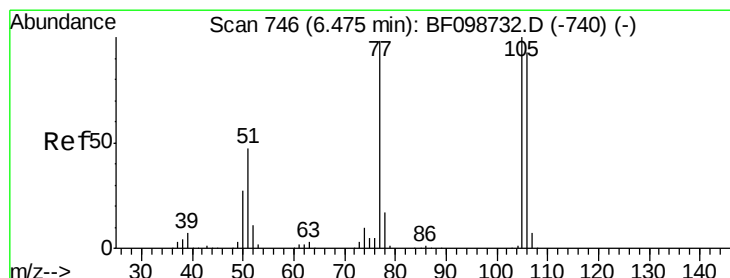
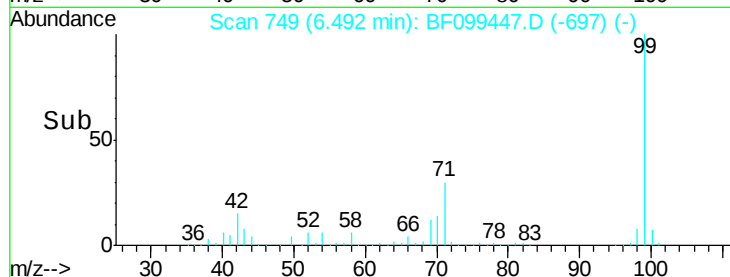
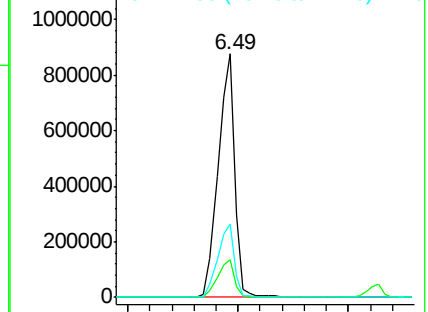
99 100

42 15.2 14.5 21.7

71 30.1 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: 3.31 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.22 min

Lab File: BF099447.D

Acq: 13 Oct 2017 18:48

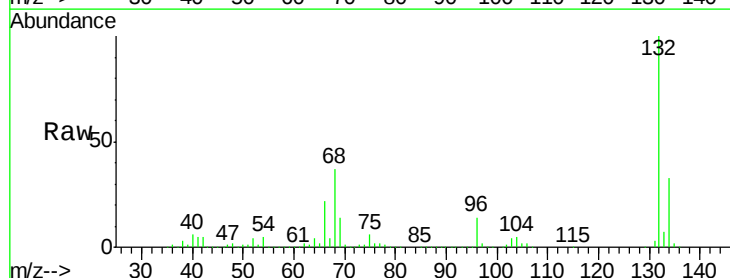
Tgt Ion: 77 Resp: 14579

Ion Ratio Lower Upper

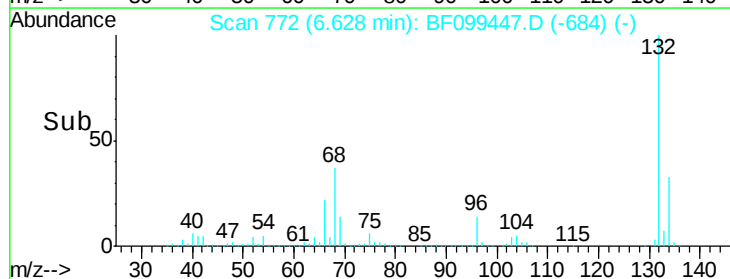
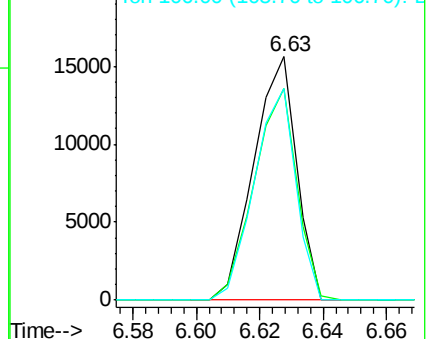
77 100

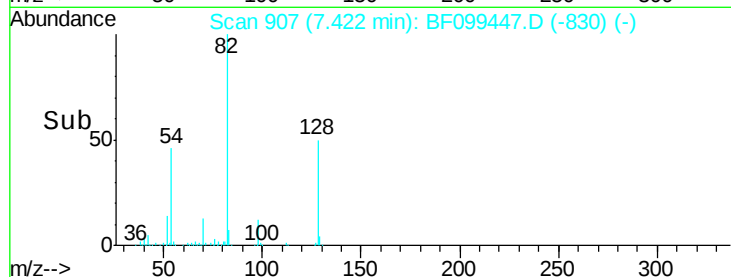
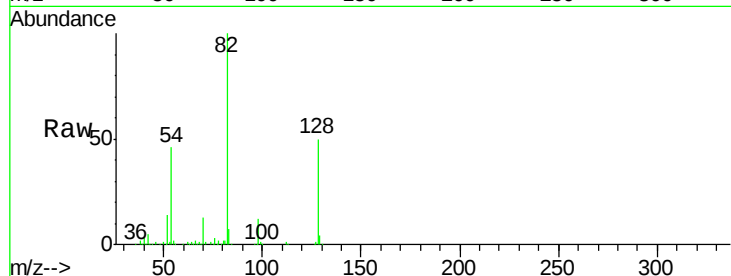
105 87.1 81.1 121.1

106 86.7 74.5 114.5



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





#19

n-Nitroso-di-n-propylamine

Concen: 14.39 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.15 min

Lab File: BF099447.D

Acq: 13 Oct 2017 18:48

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 69737

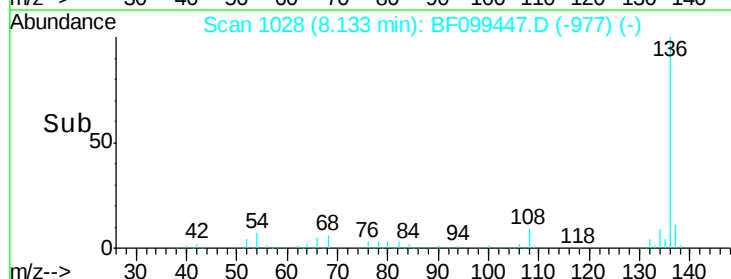
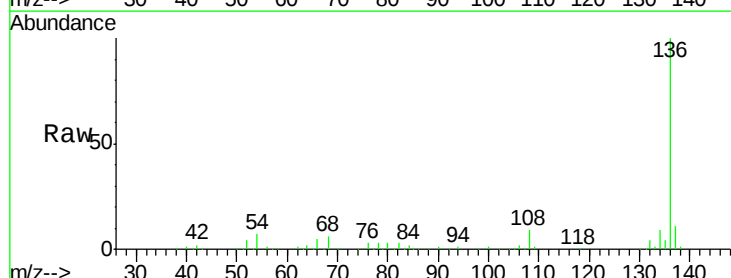
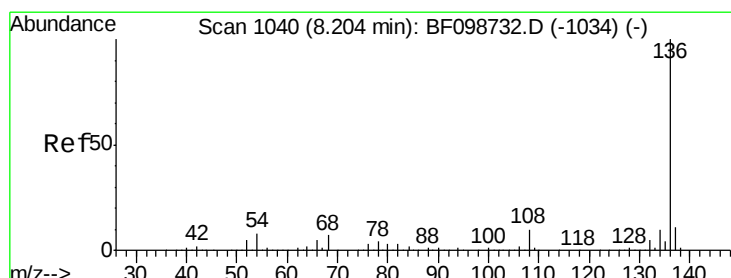
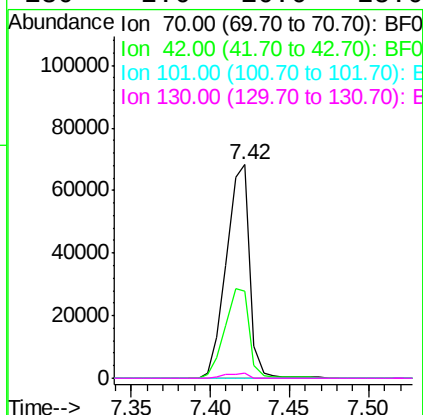
Ion Ratio Lower Upper

70 100

42 40.7 47.5 71.3#

101 0.0 7.4 11.2#

130 2.6 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF099447.D

Acq: 13 Oct 2017 18:48

Tgt Ion: 136 Resp: 390505

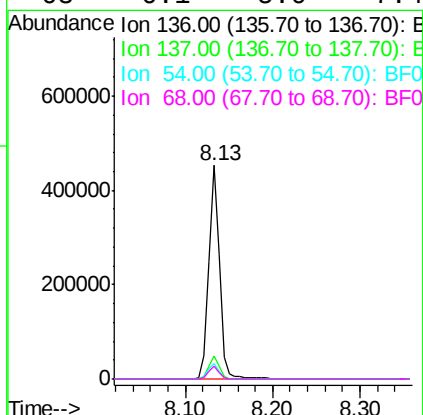
Ion Ratio Lower Upper

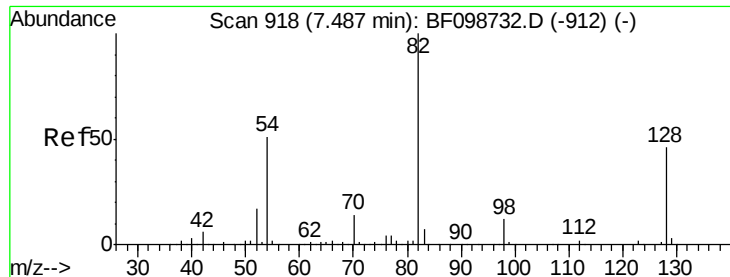
136 100

137 11.1 8.9 13.3

54 7.5 6.6 9.8

68 6.1 5.0 7.4

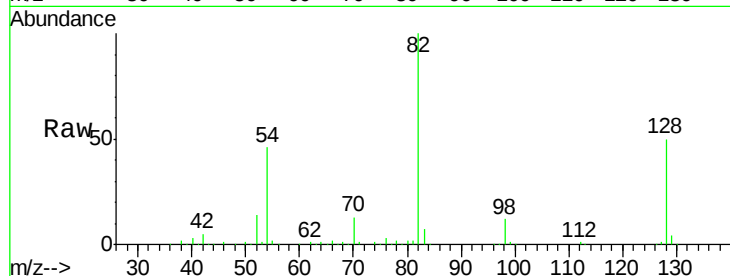




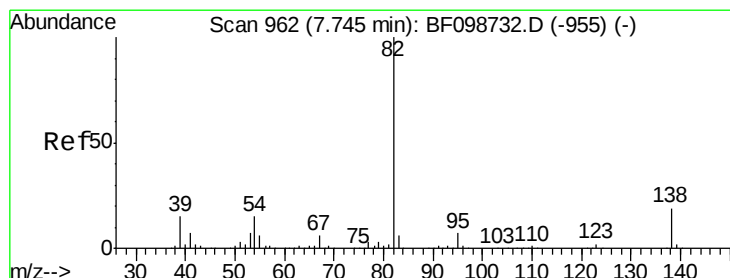
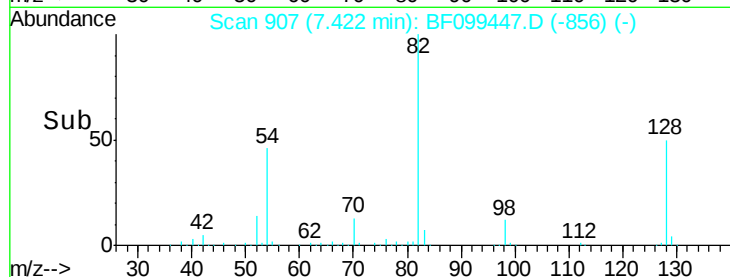
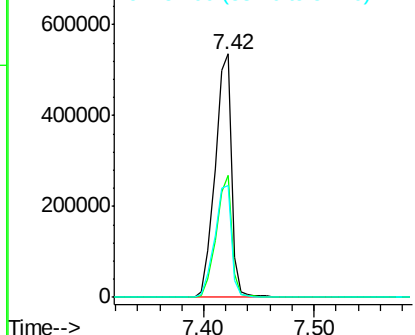
#23
 Nitrobenzene-d5
 Concen: 90.58 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: BF099447.D
 Acq: 13 Oct 2017 18:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 551579
 Ion Ratio Lower Upper
 82 100
 128 50.1 36.1 54.1
 54 45.8 41.4 62.2

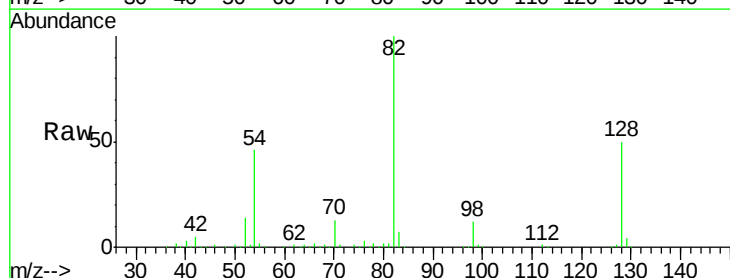


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

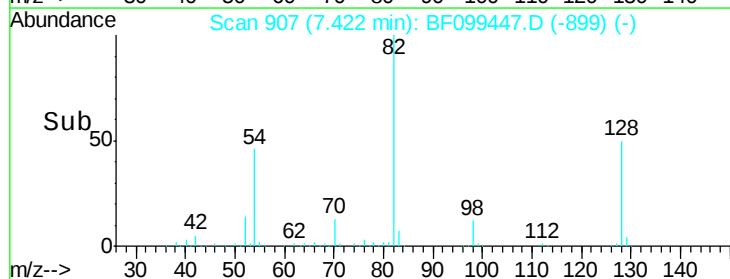
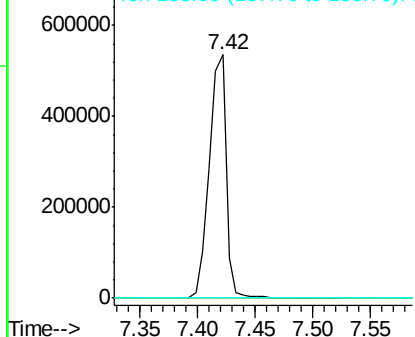


#25
 Isophorone
 Concen: 43.81 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.25 min
 Lab File: BF099447.D
 Acq: 13 Oct 2017 18:48

Tgt Ion: 82 Resp: 551573
 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

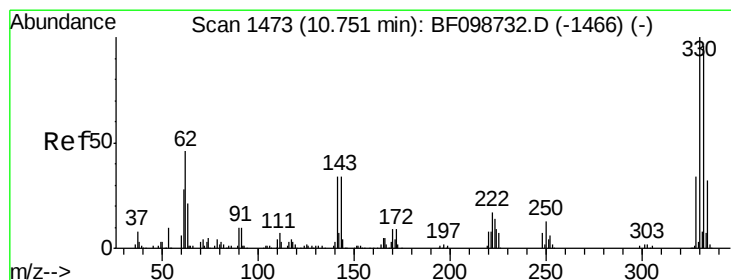
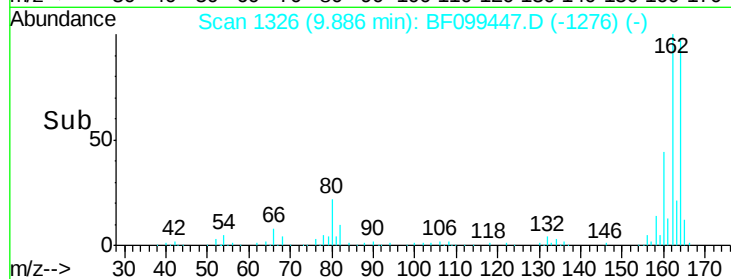
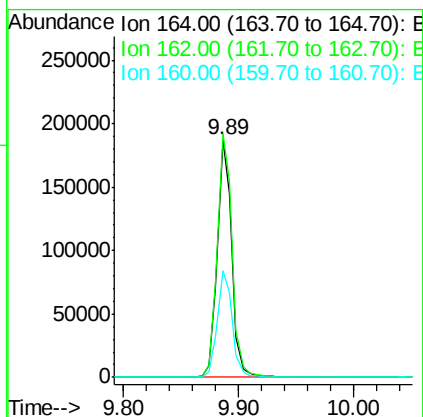
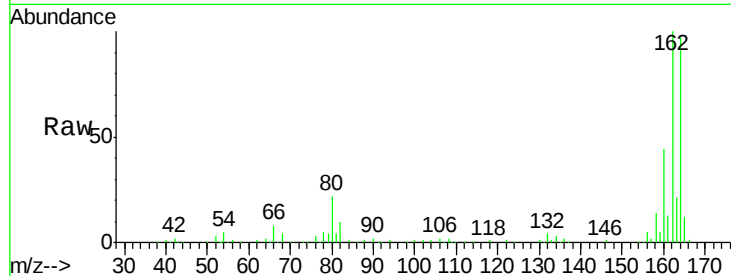




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF099447.D
 Acq: 13 Oct 2017 18:48

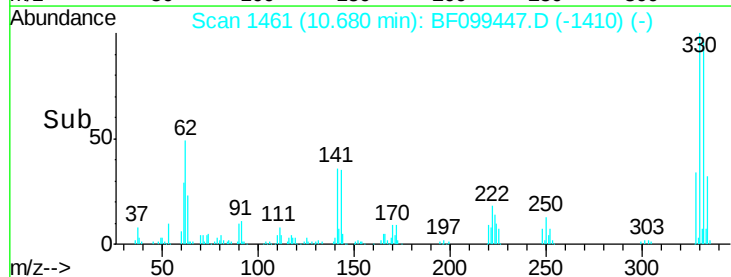
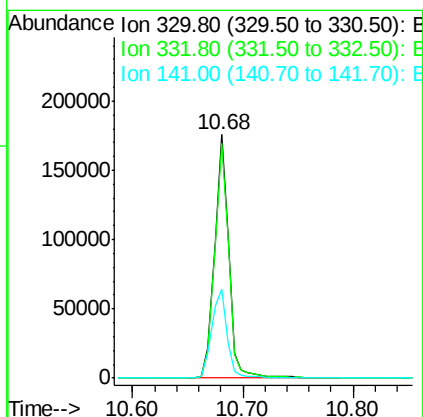
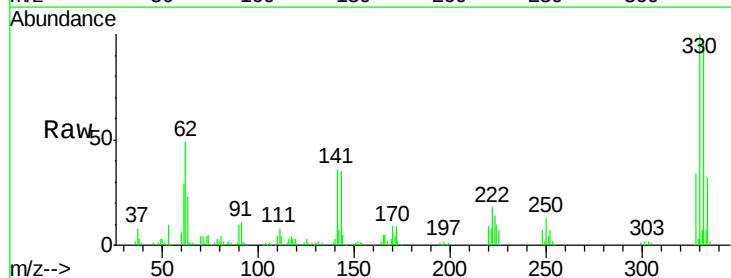
Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:164 Resp: 162570
 Ion Ratio Lower Upper
 164 100
 162 102.6 86.1 129.1
 160 45.2 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 117.29 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: BF099447.D
 Acq: 13 Oct 2017 18:48

Tgt Ion:330 Resp: 156023
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.0 115.6
 141 39.3 29.9 44.9

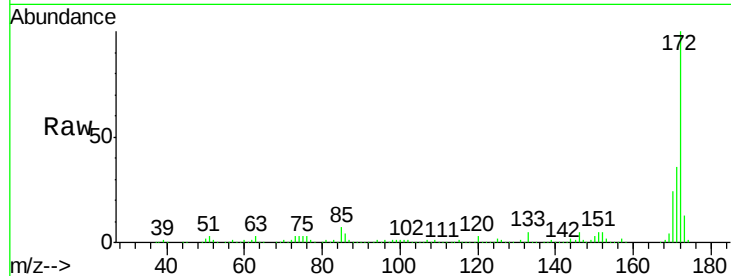




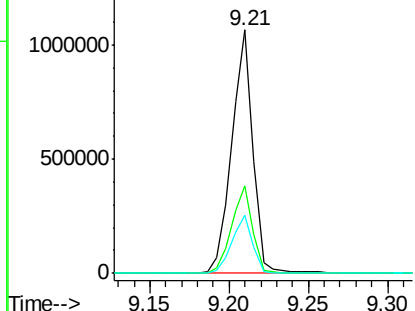
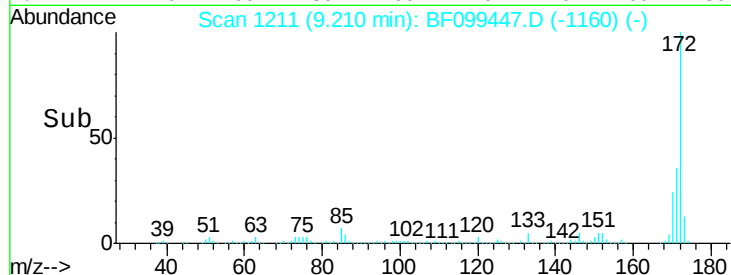
#44
 2-Fluorobiphenyl
 Concen: 101.46 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF099447.D
 Acq: 13 Oct 2017 18:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 988002
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 23.9 19.6 29.4

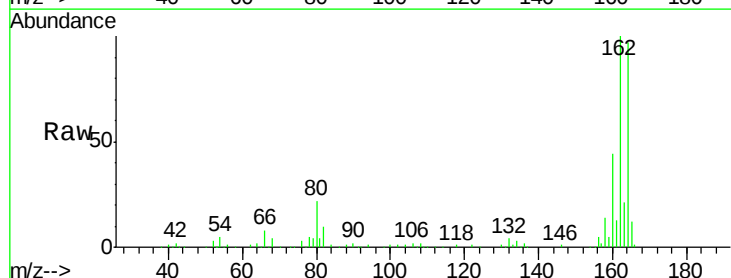


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

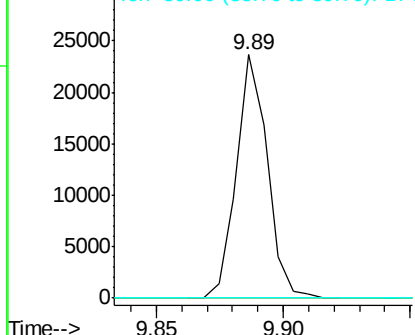
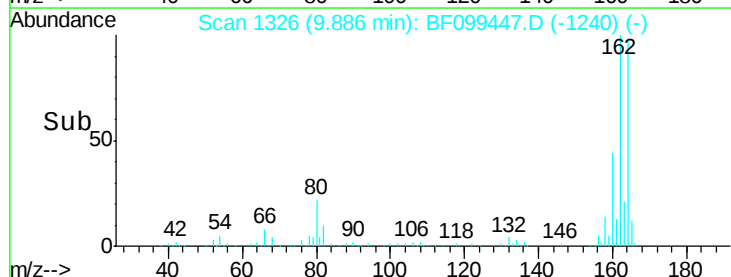


#50
 2,6-Dinitrotoluene
 Concen: 7.48 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.21 min
 Lab File: BF099447.D
 Acq: 13 Oct 2017 18:48

Tgt Ion:165 Resp: 19986
 Ion Ratio Lower Upper
 165 100
 63 0.0 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

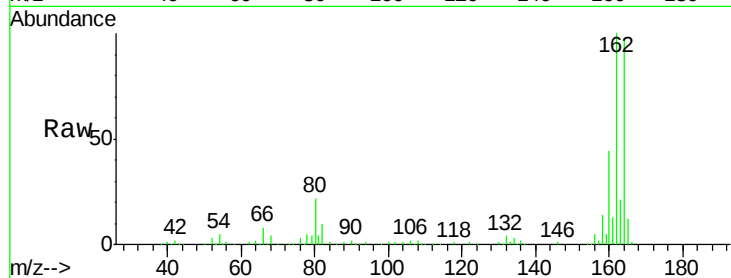




#56
2,4-Dinitrotoluene
Concen: 5.77 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.20 min
Lab File: BF099447.D
Acq: 13 Oct 2017 18:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165	Resp:	19986
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#

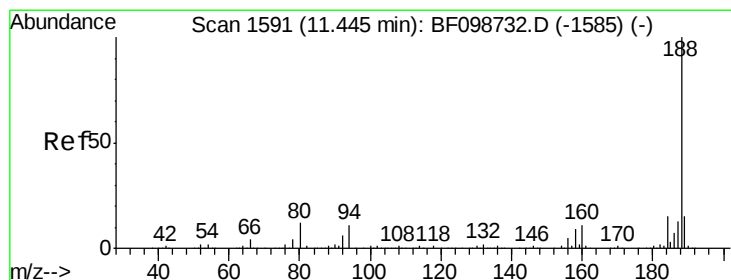
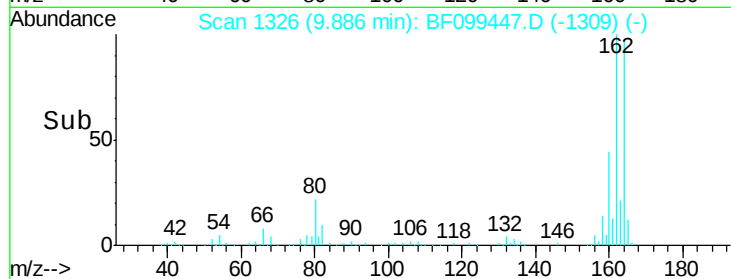
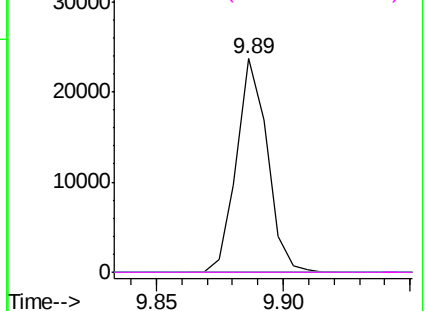


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

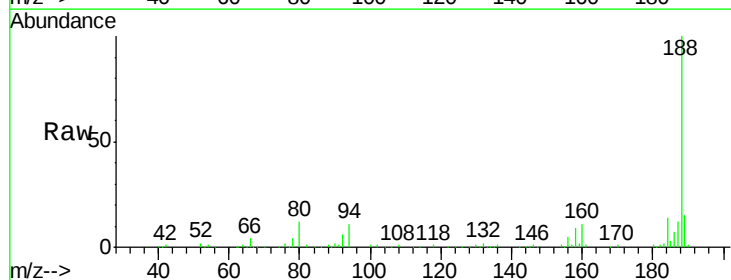
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.00 min
Lab File: BF099447.D
Acq: 13 Oct 2017 18:48

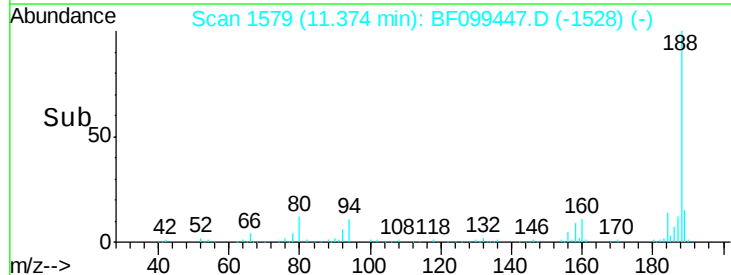
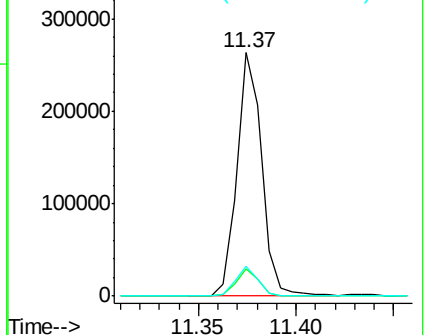
Tgt Ion:188	Resp:	231479
Ion Ratio	Lower	Upper
188	100	
94	11.3	8.5 12.7
80	12.1	9.2 13.8



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

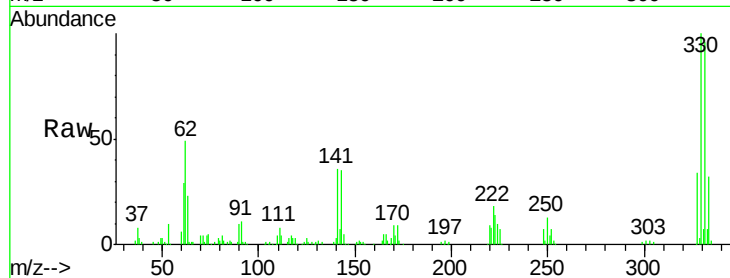




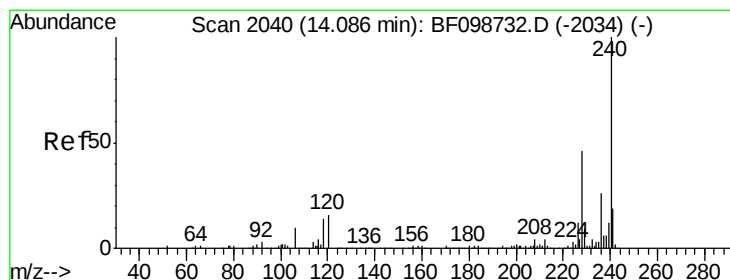
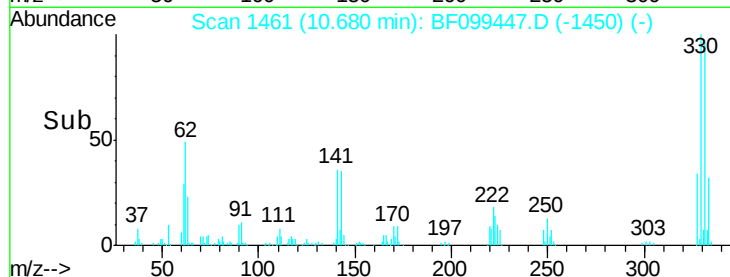
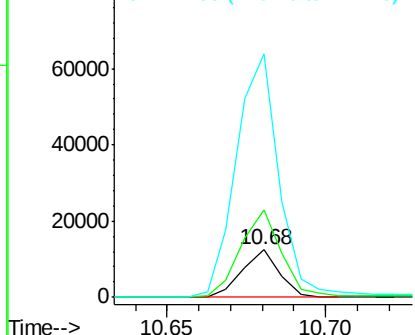
#66
4-Bromophenyl-phenylether
Concen: 4.51 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.24 min
Lab File: BF099447.D
Acq: 13 Oct 2017 18:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 10210
Ion Ratio Lower Upper
248 100
250 183.7 76.9 115.3#
141 510.6 74.4 111.6#

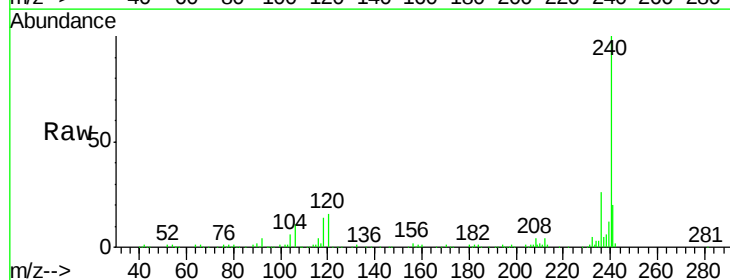


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

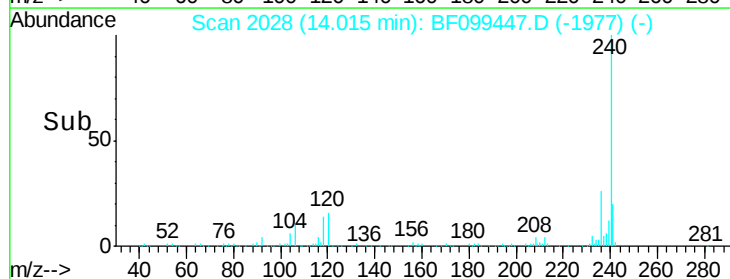
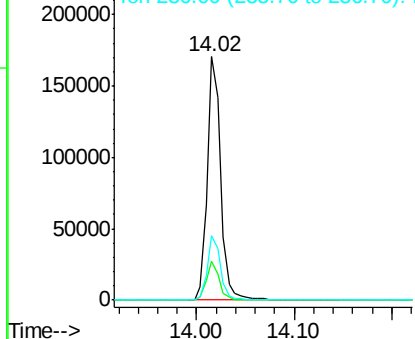


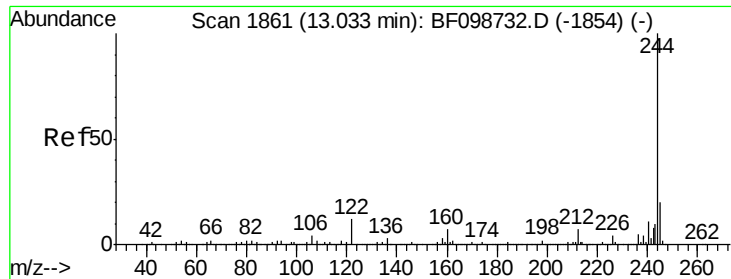
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BF099447.D
Acq: 13 Oct 2017 18:48

Tgt Ion:240 Resp: 163187
Ion Ratio Lower Upper
240 100
120 16.1 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

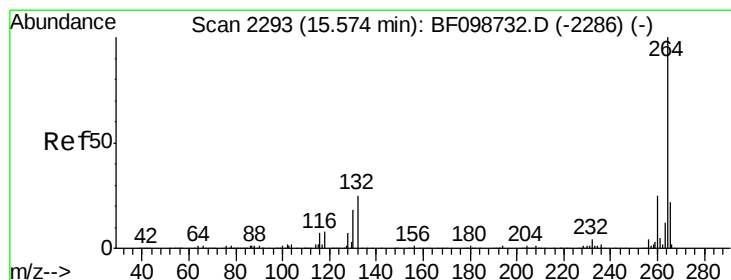
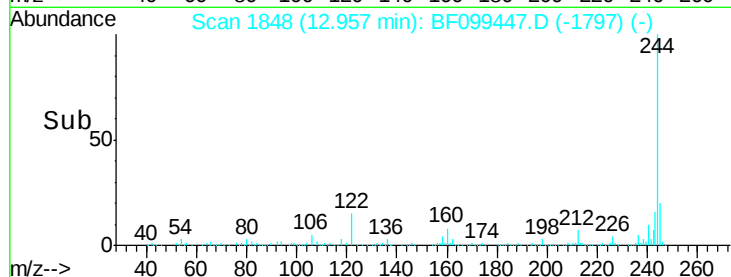
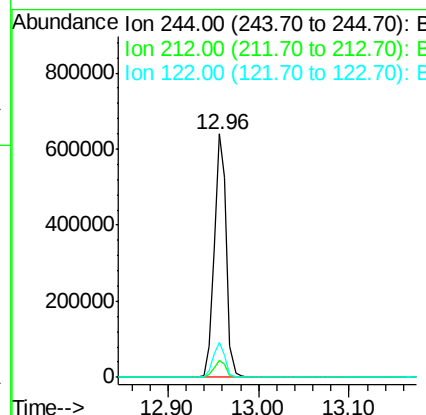
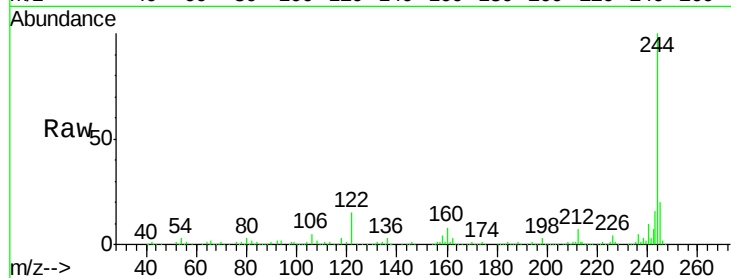




#78
 Terphenyl-d14
 Concen: 83.88 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.00 min
 Lab File: BF099447.D
 Acq: 13 Oct 2017 18:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 601892
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 14.6 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.01 min
 Lab File: BF099447.D
 Acq: 13 Oct 2017 18:48

Tgt Ion:264 Resp: 181043
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.2 28.8
 265 20.6 17.5 26.3

