

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
 Data File : BF099610.D
 Acq On : 18 Oct 2017 11:55
 Operator : SJ/JU
 Sample : PB103194TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 18 15:20:34 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 18 15:18:49 2017
 Response via : Initial Calibration

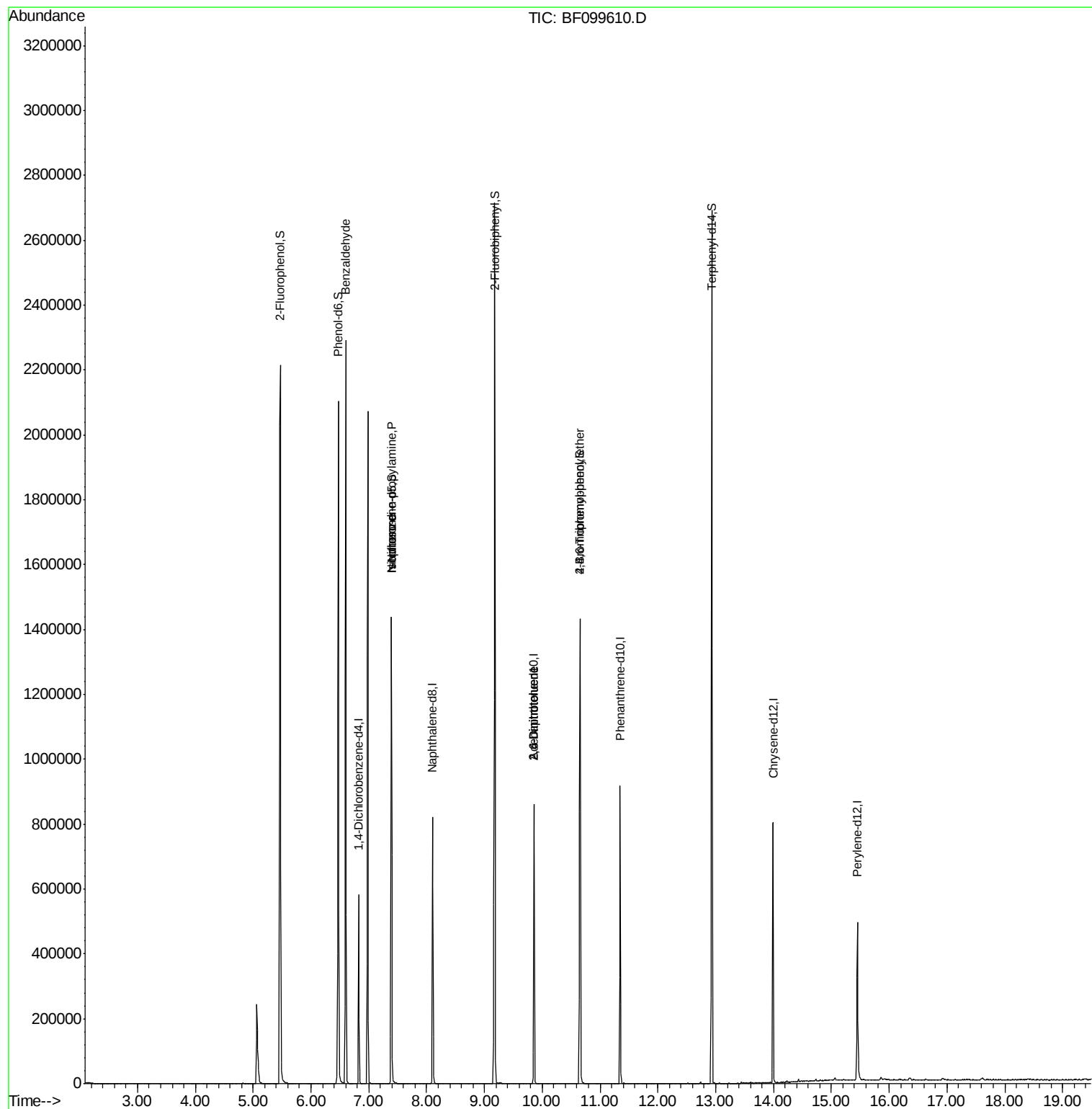
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	98985	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	404044	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	188653	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	348268	20.00	ng	0.00
75) Chrysene-d12	13.99	240	288415	20.00	ng	0.00
86) Perylene-d12	15.45	264	210279	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	738689	118.80	ng	0.02
7) Phenol-d6	6.47	99	871343	113.59	ng	0.00
23) Nitrobenzene-d5	7.39	82	515903	81.88	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	193757	125.52	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1016370	89.94	ng	0.00
78) Terphenyl-d14	12.93	244	923504	72.82	ng	0.00
Target Compounds						
9) Benzaldehyde	6.60	77	13684	3.075	ng	86
19) n-Nitroso-di-n-propylamine	7.39	70	65310	13.336	ng	# 73
25) Isophorone	7.39	82	515898	39.605	ng	# 64
50) 2,6-Dinitrotoluene	9.86	165	23997	7.741	ng	# 26
56) 2,4-Dinitrotoluene	9.86	165	23997	5.965	ng	# 24
66) 4-Bromophenyl-phenylether	10.66	248	12740	3.737	ng	# 1

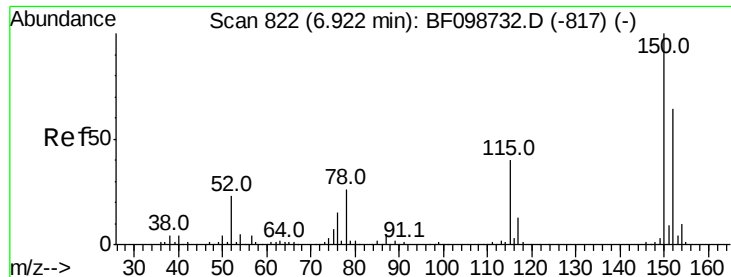
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
Data File : BF099610.D
Acq On : 18 Oct 2017 11:55
Operator : SJ/JU
Sample : PB103194TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 18 15:20:34 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 18 15:18:49 2017
Response via : Initial Calibration



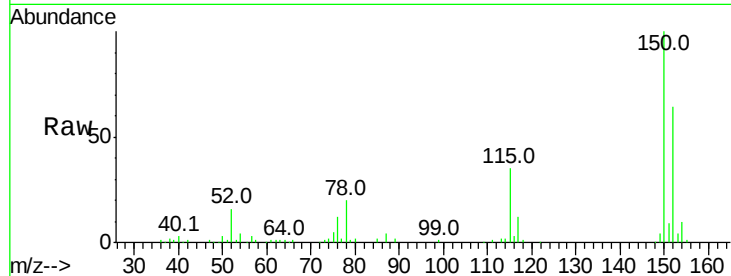


#1

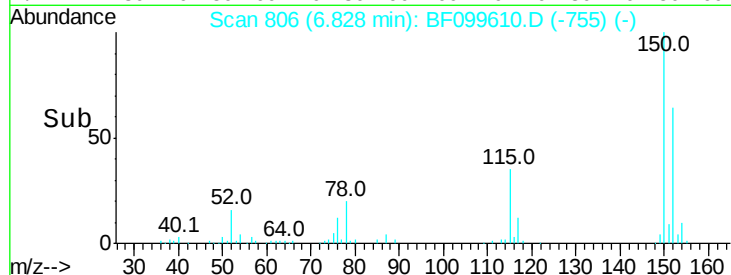
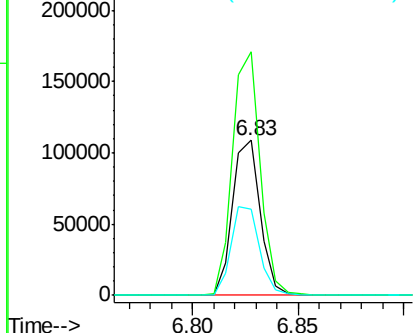
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF099610.D
Acq: 18 Oct 2017 11:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 98985
Ion Ratio Lower Upper
152 100
150 157.0 124.6 186.8
115 55.5 50.1 75.1



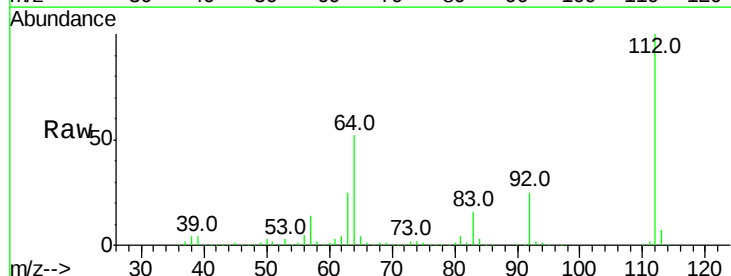
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



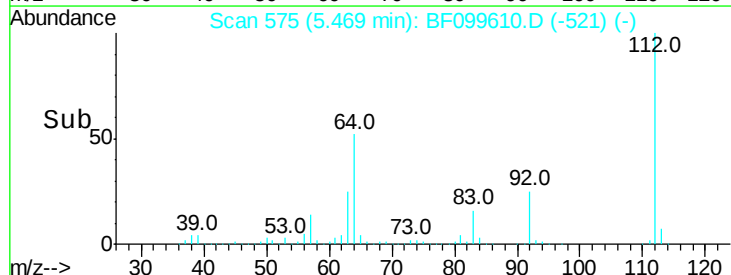
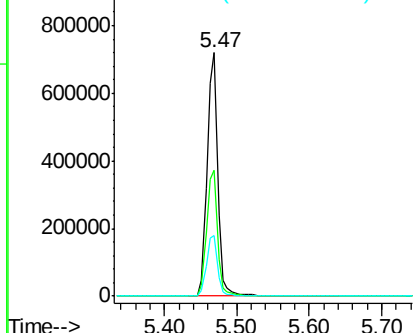
#5

2-Fluorophenol
Concen: 118.798 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.02 min
Lab File: BF099610.D
Acq: 18 Oct 2017 11:55

Tgt Ion:112 Resp: 738689
Ion Ratio Lower Upper
112 100
64 51.9 47.9 71.9
63 25.1 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: 113.594 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF099610.D

Acq: 18 Oct 2017 11:55

Instrument :

BNA_F

ClientSampled :

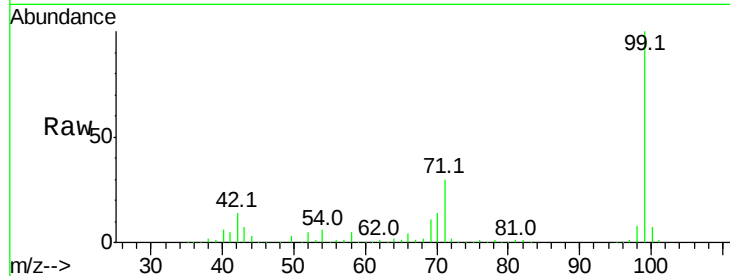
Tot Ion: 99 Resp: 871343

Ion Ratio Lower Upper

99 100

42 14.3 14.5 21.7#

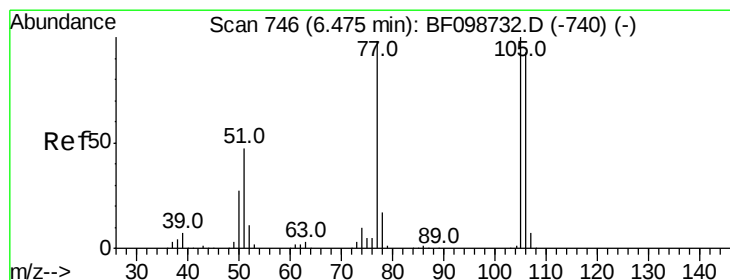
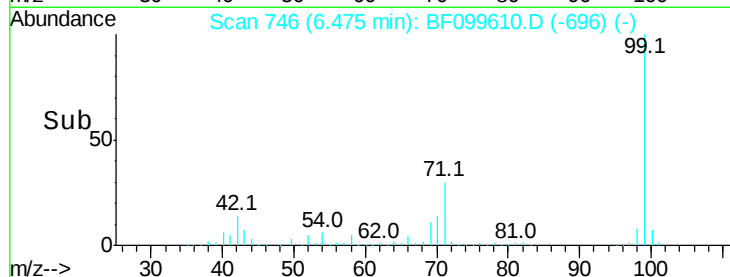
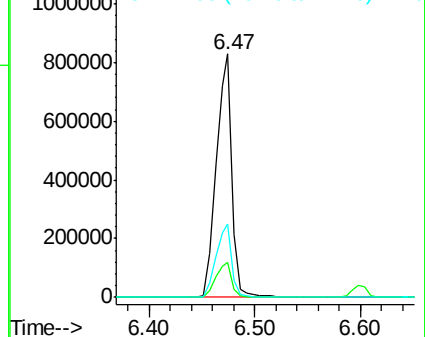
71 30.0 25.4 38.0



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: 3.075 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.21 min

Lab File: BF099610.D

Acq: 18 Oct 2017 11:55

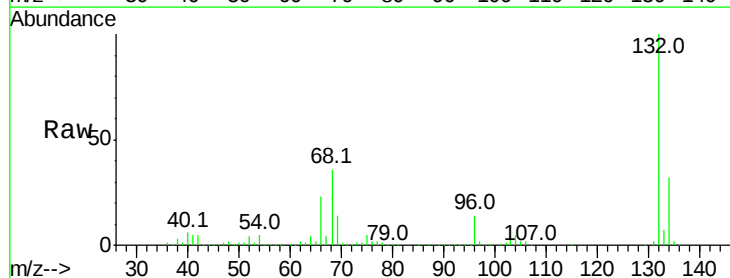
Tgt Ion: 77 Resp: 13684

Ion Ratio Lower Upper

77 100

105 84.6 81.1 121.1

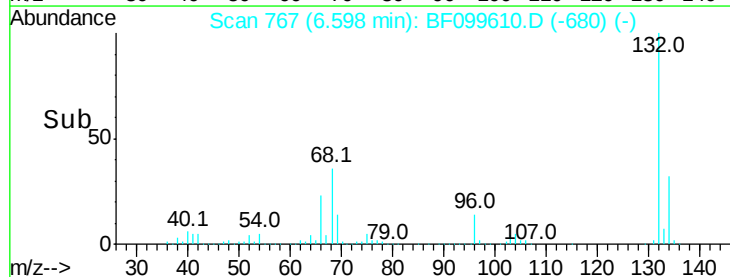
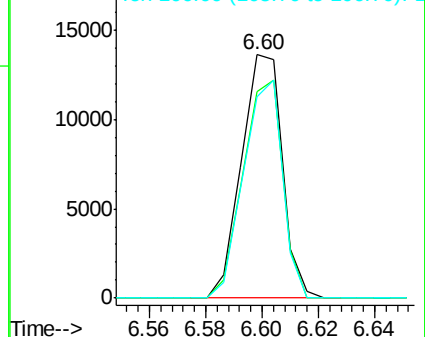
106 82.7 74.5 114.5

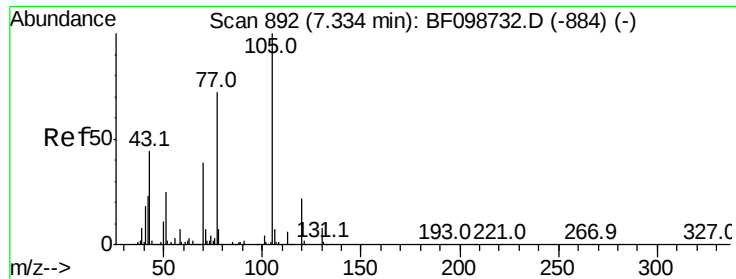


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

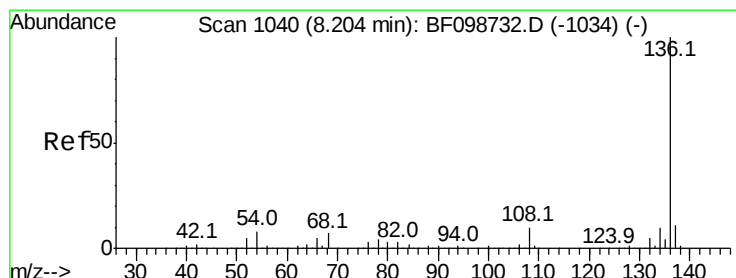
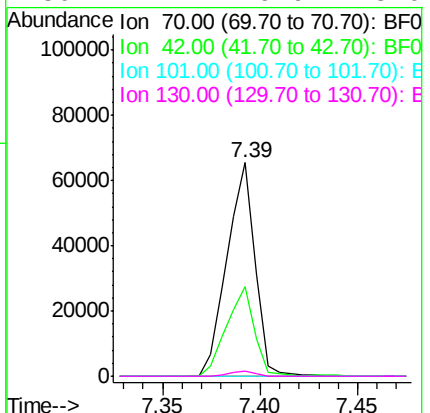
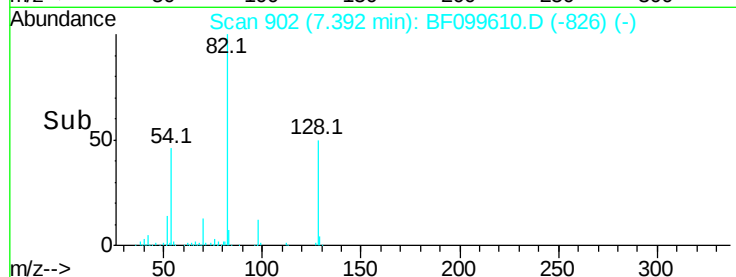
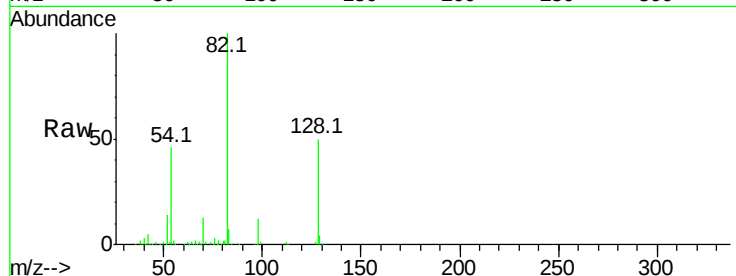




#19
n-Nitroso-di-n-propylamine
Concen: 13.336 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.15 min
Lab File: BF099610.D
Acq: 18 Oct 2017 11:55

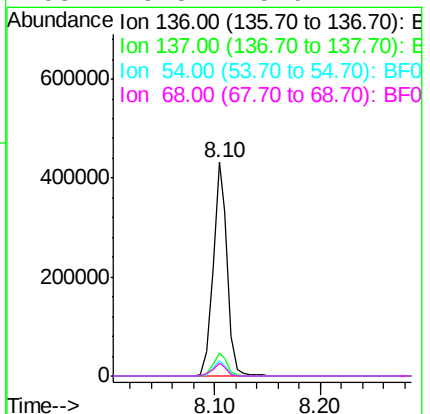
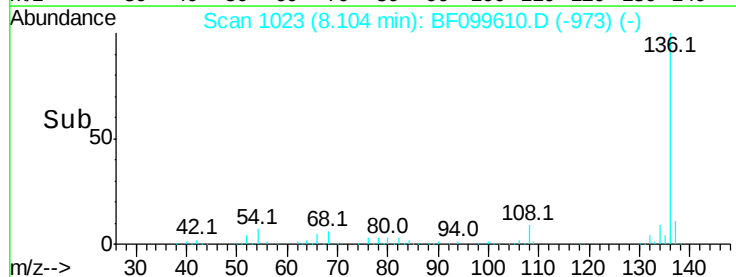
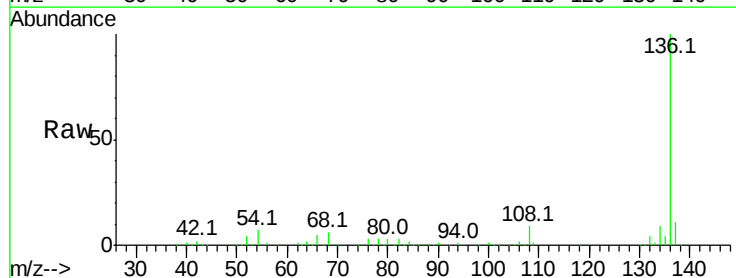
Instrument :
BNA_F
ClientSampled :

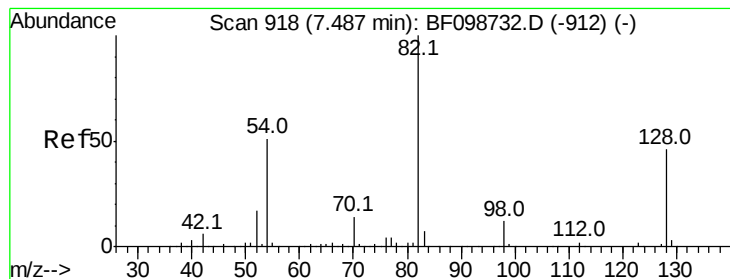
Tot Ion: 70 Resp: 65310
Ion Ratio Lower Upper
70 100
42 42.0 47.5 71.3#
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF099610.D
Acq: 18 Oct 2017 11:55

Tgt Ion: 136 Resp: 404044
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.4 6.6 9.8
68 5.8 5.0 7.4





#23

Nitrobenzene-d5

Concen: 81.884 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.01 min

Lab File: BF099610.D

Acq: 18 Oct 2017 11:55

Instrument :

BNA_F

ClientSampleId :

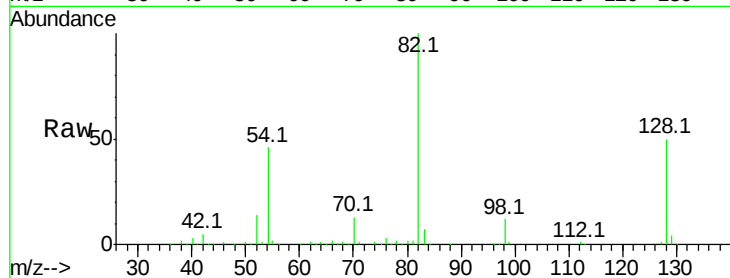
Tot Ion: 82 Resp: 515903

Ion Ratio Lower Upper

82 100

128 49.6 36.1 54.1

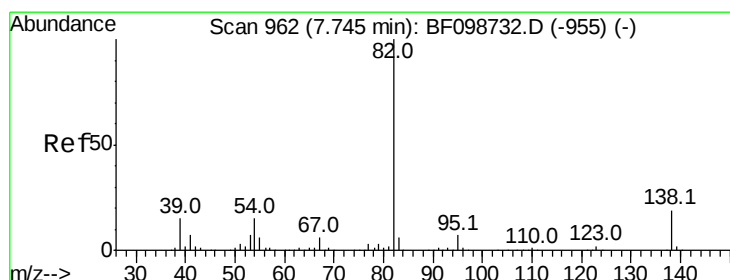
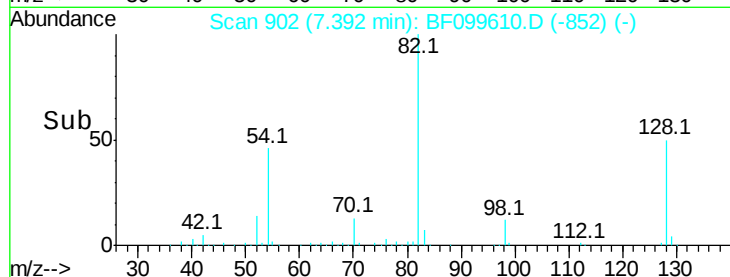
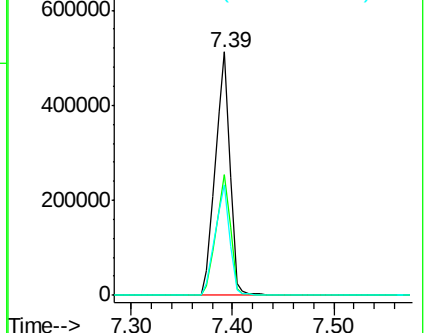
54 45.6 41.4 62.2



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: 39.605 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.26 min

Lab File: BF099610.D

Acq: 18 Oct 2017 11:55

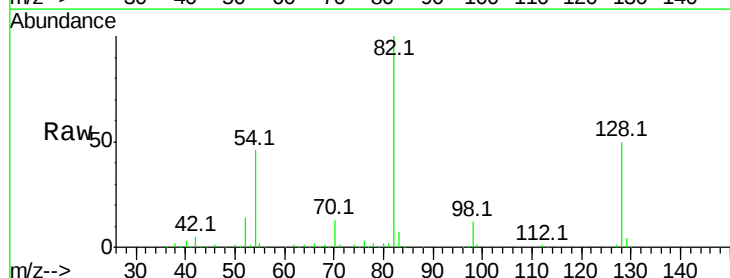
Tgt Ion: 82 Resp: 515898

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

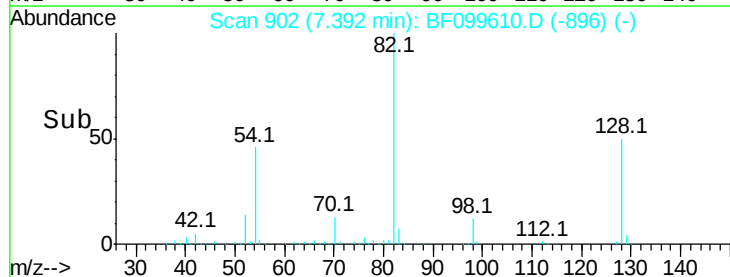
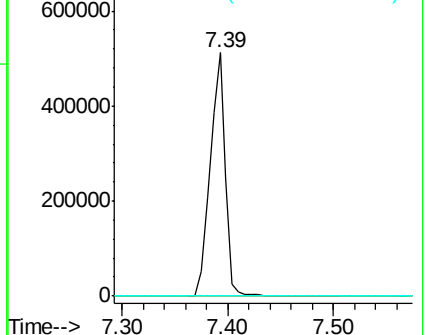
138 0.0 14.9 22.3#

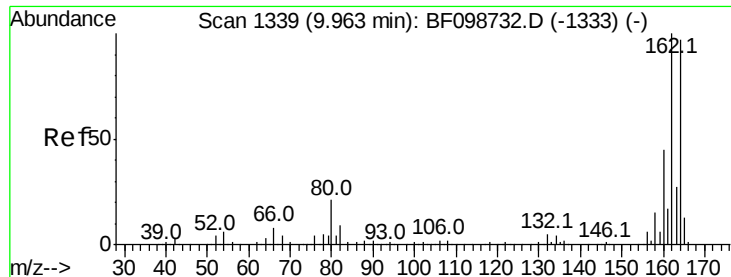


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

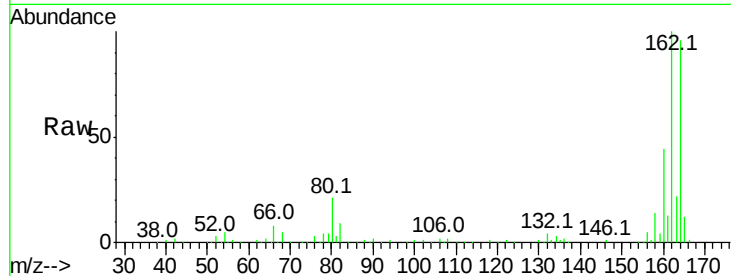




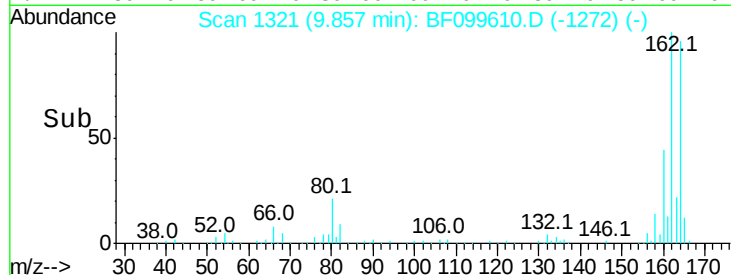
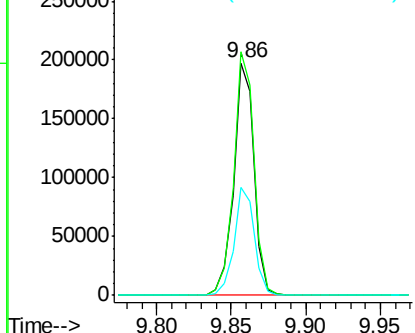
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: BF099610.D
 Acq: 18 Oct 2017 11:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 188653
 Ion Ratio Lower Upper
 164 100
 162 104.7 86.1 129.1
 160 46.3 38.3 57.5

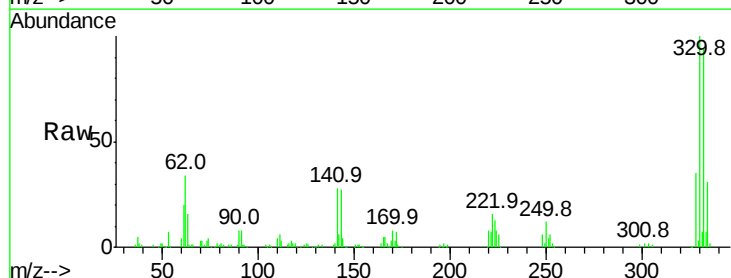


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

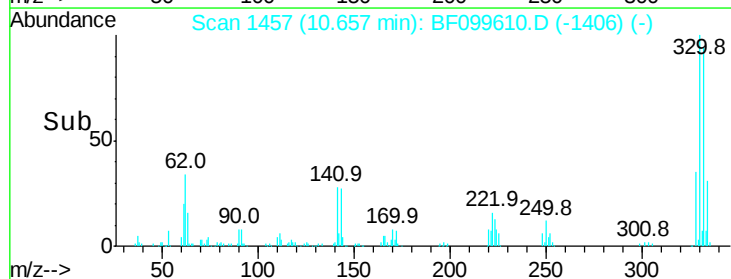
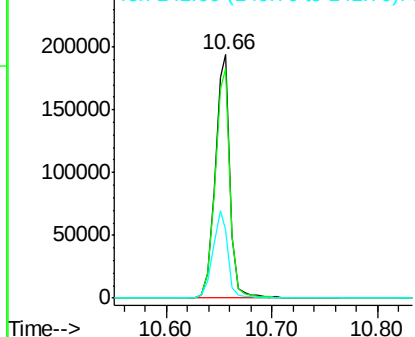


#41
 2,4,6-Tribromophenol
 Concen: 125.515 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: BF099610.D
 Acq: 18 Oct 2017 11:55

Tgt Ion:330 Resp: 193757
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 36.3 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

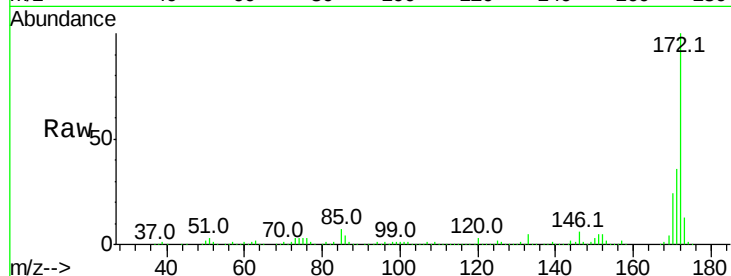




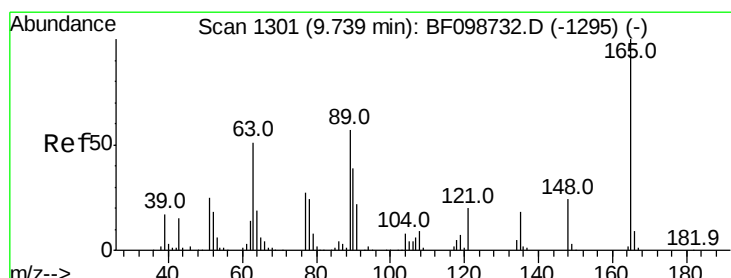
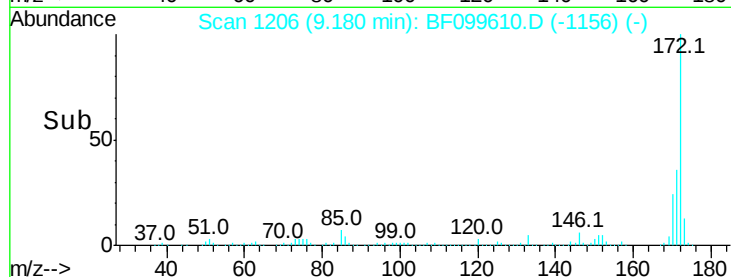
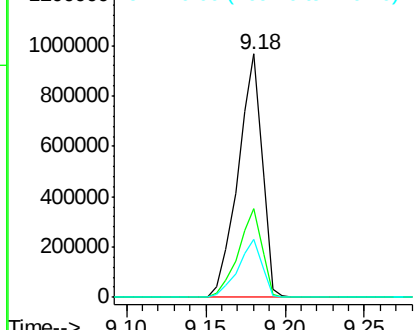
#44
 2-Fluorobiphenyl
 Concen: 89.940 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF099610.D
 Acq: 18 Oct 2017 11:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1016370
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 23.9 19.6 29.4

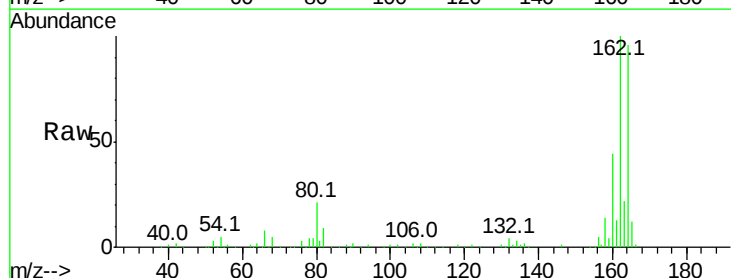


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

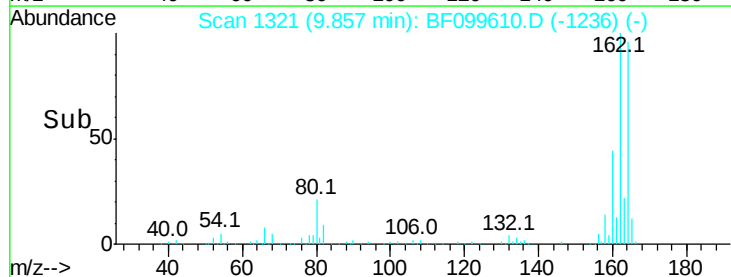
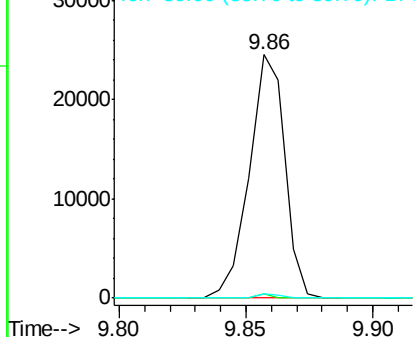


#50
 2,6-Dinitrotoluene
 Concen: 7.741 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. 0.20 min
 Lab File: BF099610.D
 Acq: 18 Oct 2017 11:55

Tgt Ion:165 Resp: 23997
 Ion Ratio Lower Upper
 165 100
 63 1.6 44.7 67.1#
 89 1.6 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

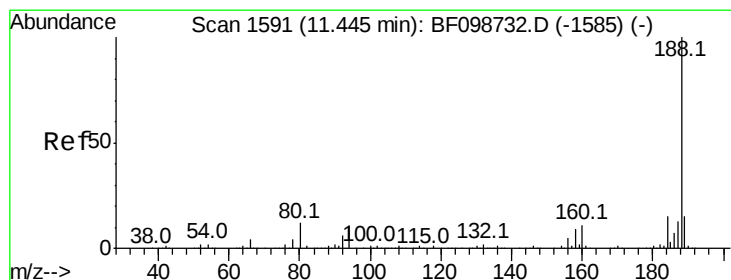
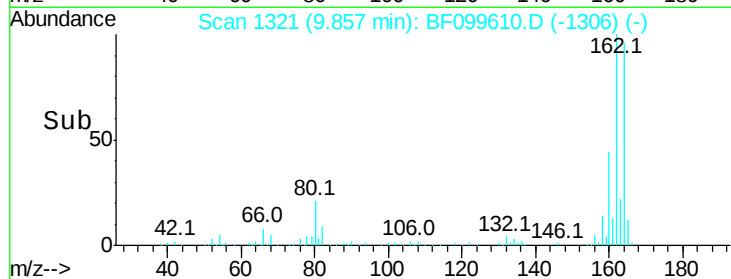
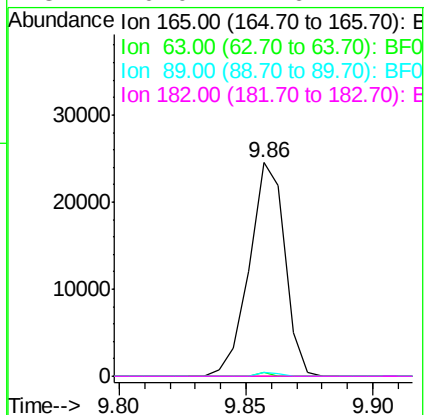
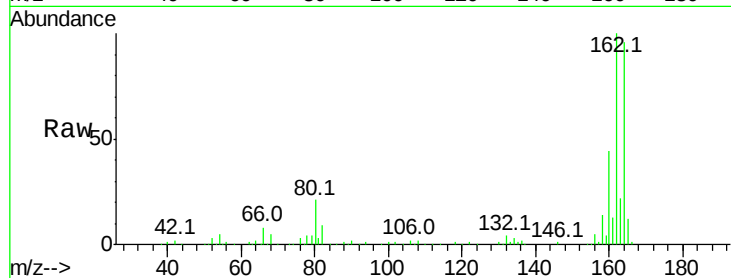




#56
 2,4-Dinitrotoluene
 Concen: 5.965 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.21 min
 Lab File: BF099610.D
 Acq: 18 Oct 2017 11:55

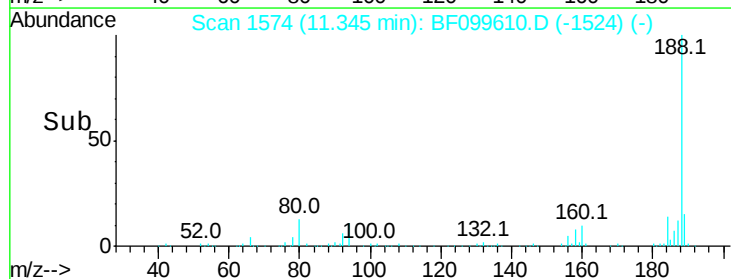
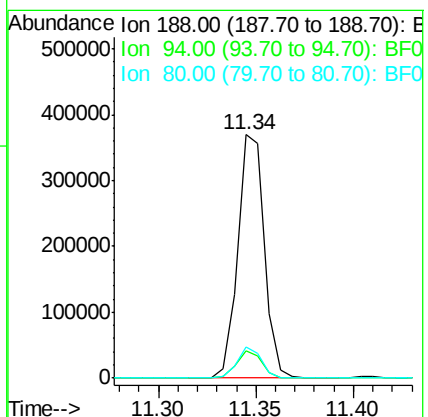
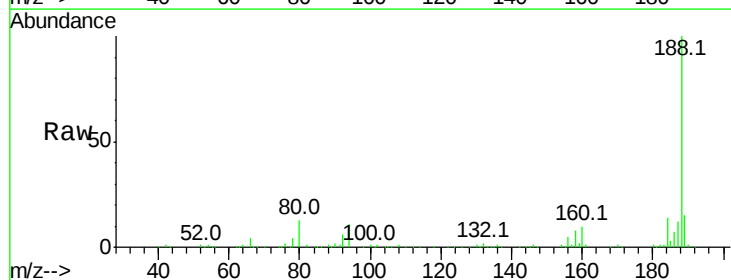
Instrument :
 BNA_F
 ClientSampleId :

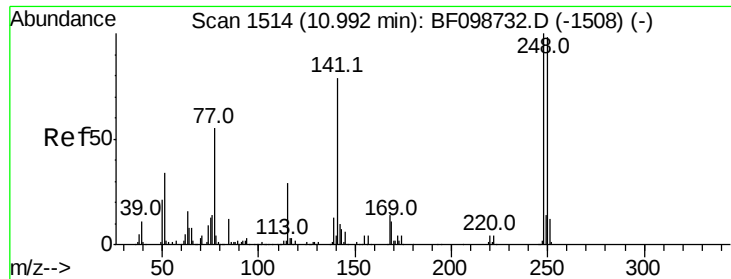
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1574
 Delta R.T. -0.01 min
 Lab File: BF099610.D
 Acq: 18 Oct 2017 11:55

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.5	12.7
80	12.8	9.2	13.8

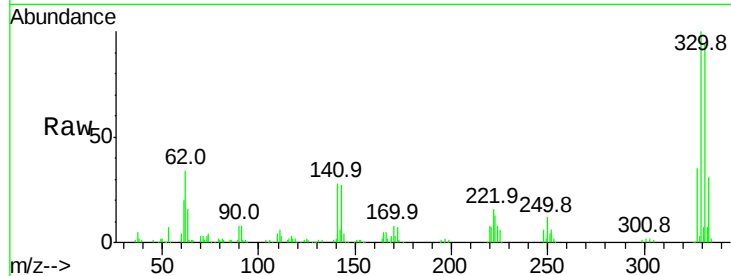




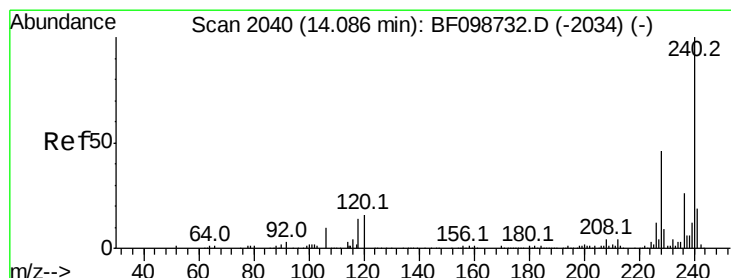
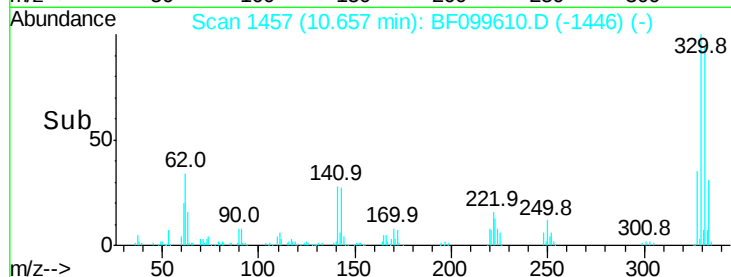
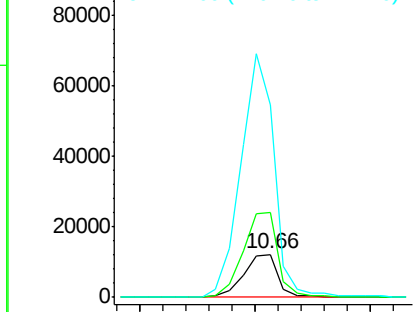
#66
 4-Bromophenyl-phenylether
 Concen: 3.737 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.23 min
 Lab File: BF099610.D
 Acq: 18 Oct 2017 11:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 12740
 Ion Ratio Lower Upper
 248 100
 250 196.2 76.9 115.3#
 141 445.9 74.4 111.6#

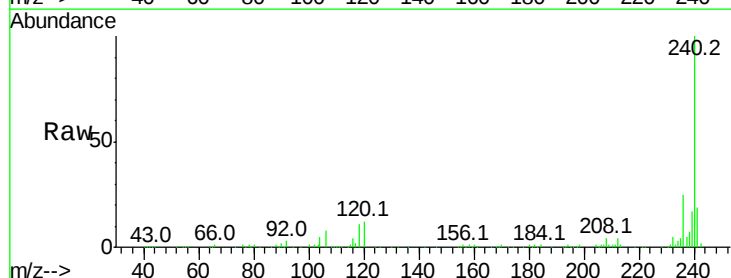


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

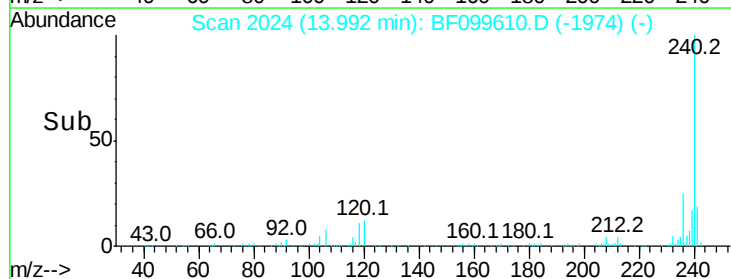
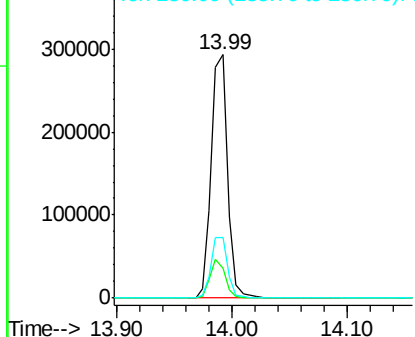


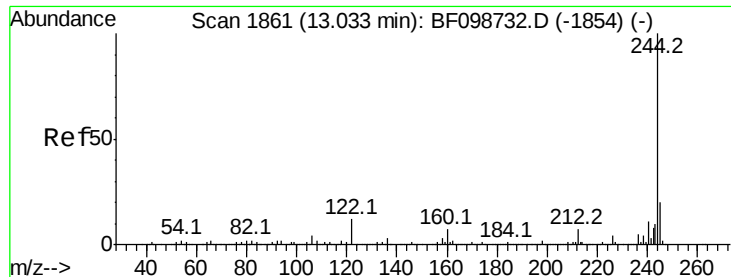
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF099610.D
 Acq: 18 Oct 2017 11:55

Tgt Ion:240 Resp: 288415
 Ion Ratio Lower Upper
 240 100
 120 12.3 9.5 14.3
 236 25.1 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

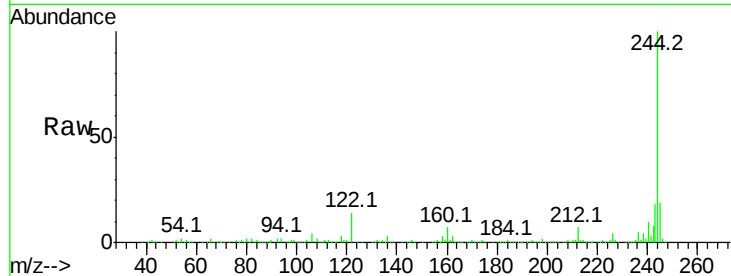




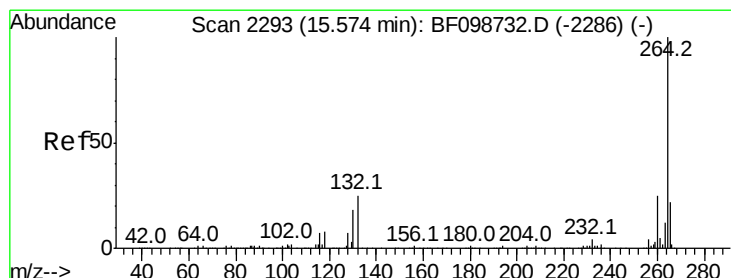
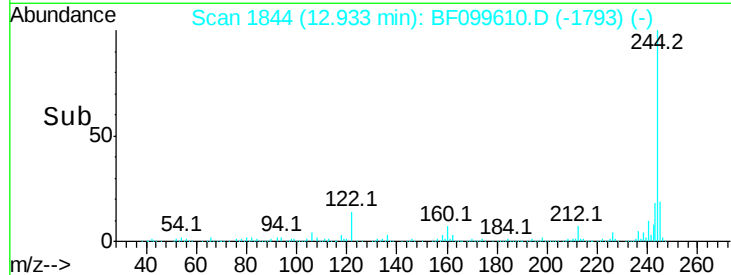
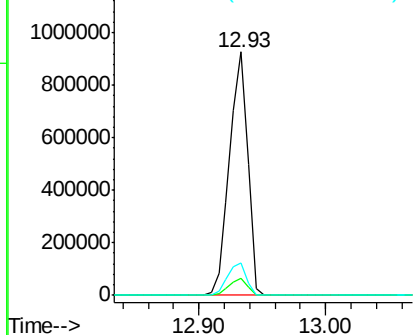
#78
 Terphenyl-d14
 Concen: 72.820 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. 0.00 min
 Lab File: BF099610.D
 Acq: 18 Oct 2017 11:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 923504
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 13.6 11.0 16.4

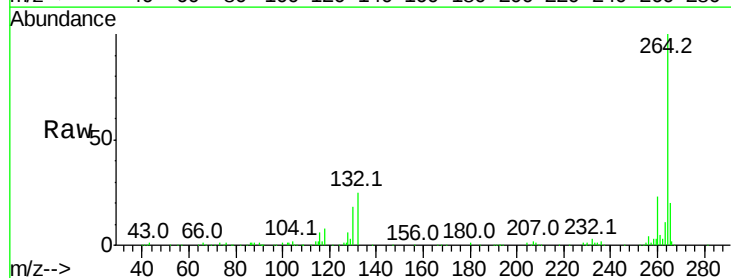


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. -0.01 min
 Lab File: BF099610.D
 Acq: 18 Oct 2017 11:55

Tgt Ion:264 Resp: 210279
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 20.1 17.5 26.3



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

