

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\
 Data File : BF099847.D
 Acq On : 26 Oct 2017 7:58
 Operator : SJ/JU
 Sample : I6057-06
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 26 11:16:56 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 25 17:02:52 2017
 Response via : Initial Calibration

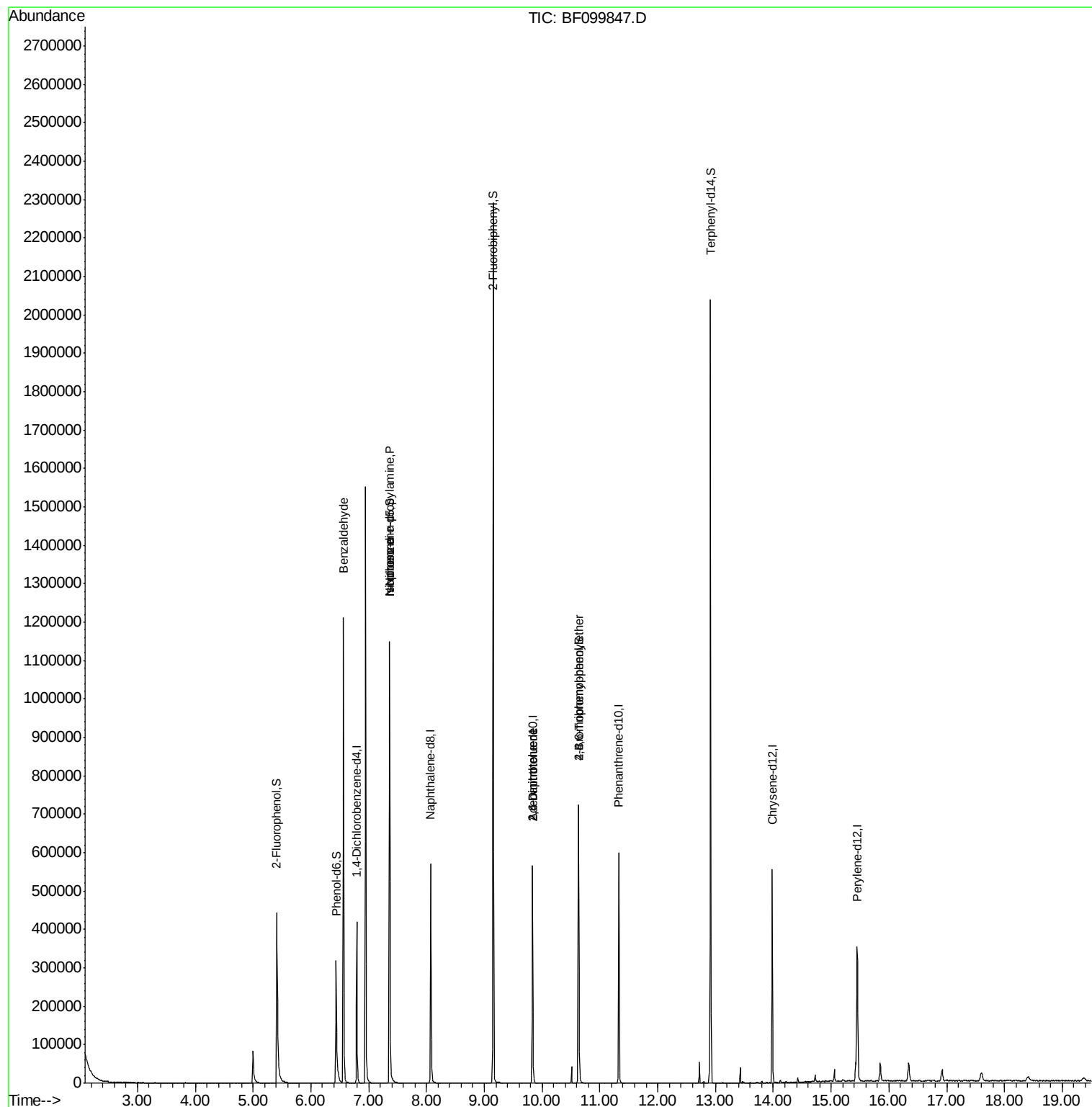
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	66079	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	274773	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	125224	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	224055	20.00	ng	0.00
75) Chrysene-d12	13.98	240	188133	20.00	ng	0.00
86) Perylene-d12	15.45	264	164357	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	195041	46.34	ng	0.00
7) Phenol-d6	6.43	99	167459	33.55	ng	0.00
23) Nitrobenzene-d5	7.36	82	375523	87.99	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	98132	85.99	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	760730	93.73	ng	0.00
78) Terphenyl-d14	12.92	244	713540	82.89	ng	0.00
Target Compounds						
9) Benzaldehyde	6.56	77	6060	2.032	ng	90
19) n-Nitroso-di-n-propylamine	7.36	70	47139	16.118	ng	# 71
25) Isophorone	7.36	82	375523	48.489	ng	# 64
50) 2,6-Dinitrotoluene	9.83	165	15777	7.568	ng	# 24
56) 2,4-Dinitrotoluene	9.83	165	15777	6.284	ng	# 21
66) 4-Bromophenyl-phenylether	10.63	248	6137	2.602	ng	# 1

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

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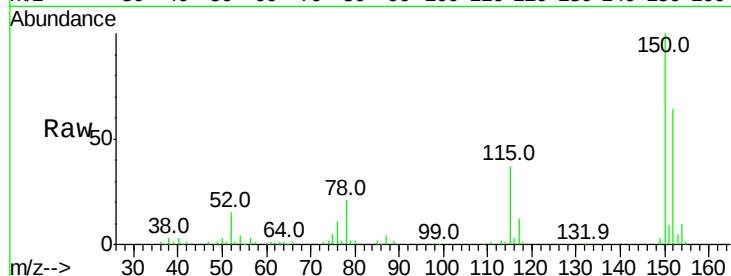


#1

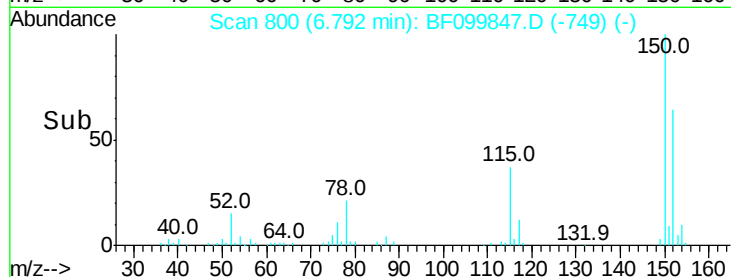
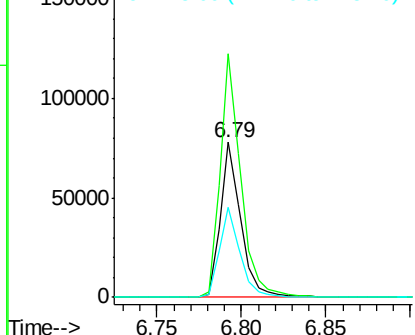
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF099847.D
Acq: 26 Oct 2017 7:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 66079
Ion Ratio Lower Upper
152 100
150 157.1 124.6 186.8
115 57.8 50.1 75.1



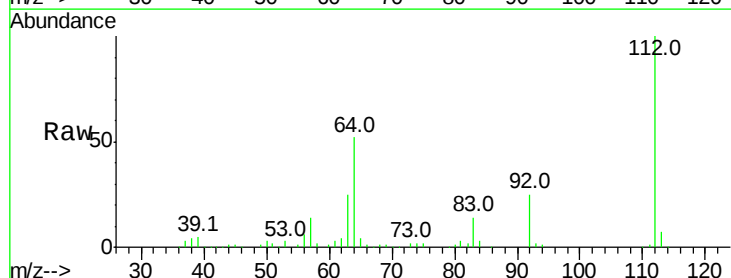
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



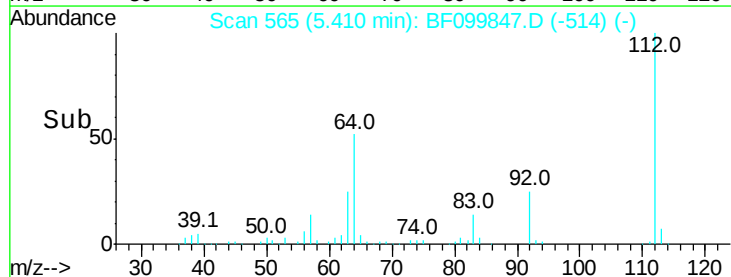
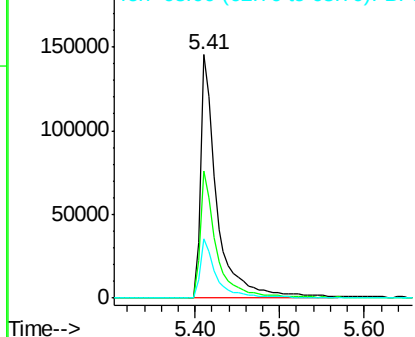
#5

2-Fluorophenol
Concen: 46.340 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.00 min
Lab File: BF099847.D
Acq: 26 Oct 2017 7:58

Tgt Ion:112 Resp: 195041
Ion Ratio Lower Upper
112 100
64 52.3 47.9 71.9
63 24.6 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: 33.555 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF099847.D

Acq: 26 Oct 2017 7:58

Instrument :

BNA_F

ClientSampleId :

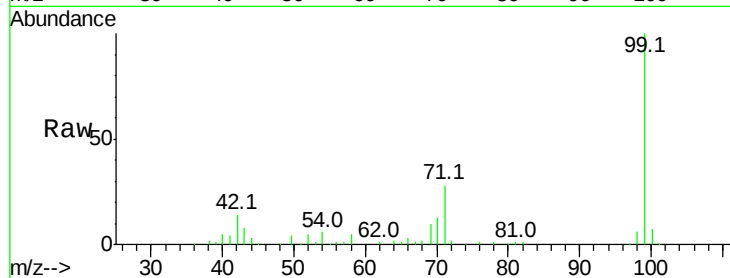
Tot Ion: 99 Resp: 167459

Ion Ratio Lower Upper

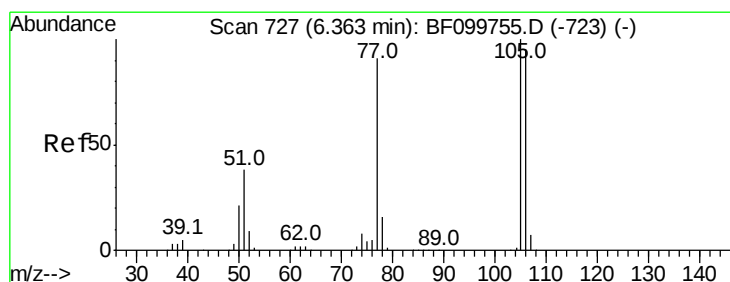
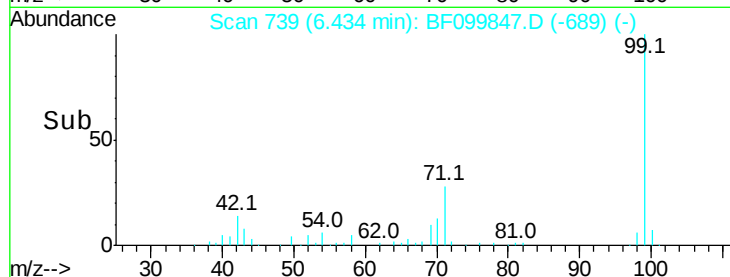
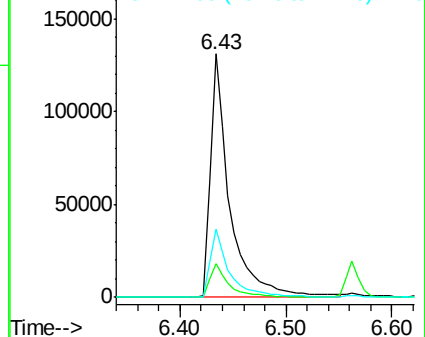
99 100

42 13.6 14.5 21.7#

71 27.9 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: 2.032 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.21 min

Lab File: BF099847.D

Acq: 26 Oct 2017 7:58

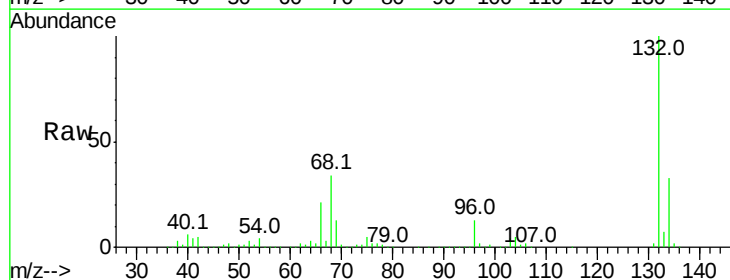
Tgt Ion: 77 Resp: 6060

Ion Ratio Lower Upper

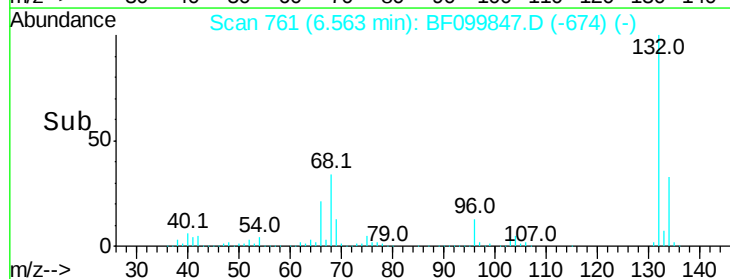
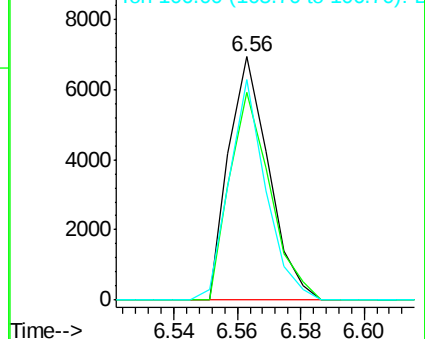
77 100

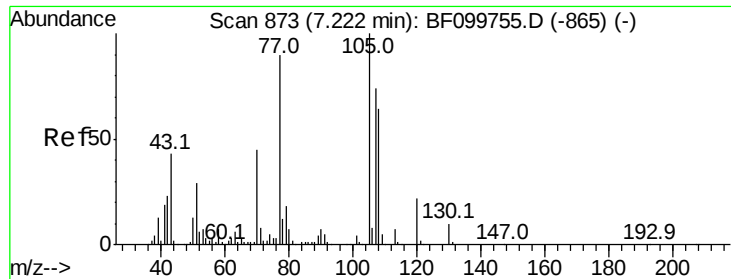
105 85.4 81.1 121.1

106 90.3 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

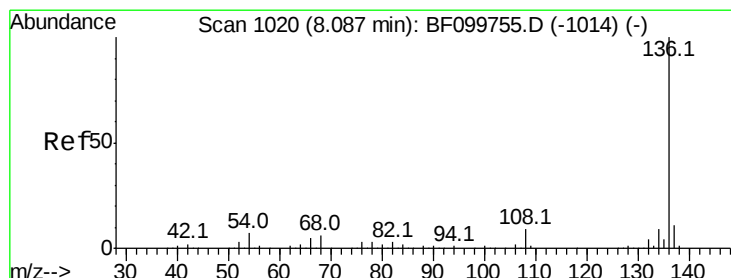
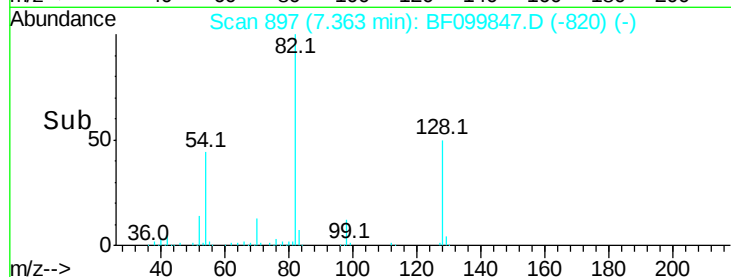
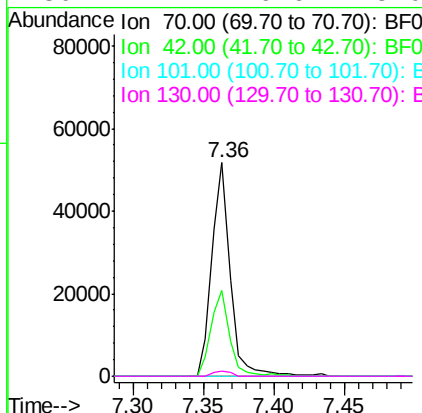
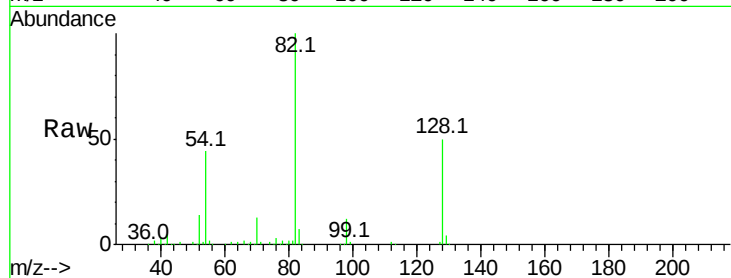




#19
 n-Nitroso-di-n-propylamine
 Concen: 16.118 ng
 RT: 7.36 min Scan# 897
 Delta R.T. 0.15 min
 Lab File: BF099847.D
 Acq: 26 Oct 2017 7:58

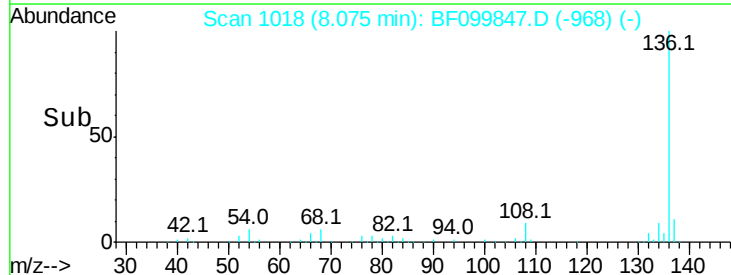
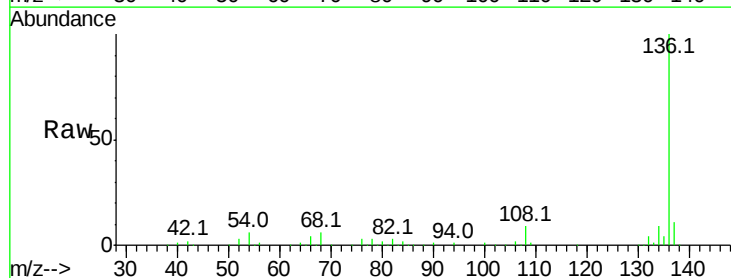
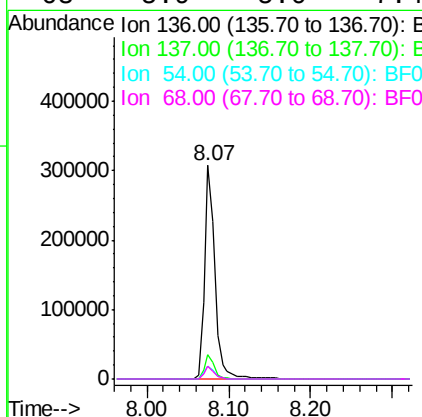
Instrument :
 BNA_F
 ClientSampleId :

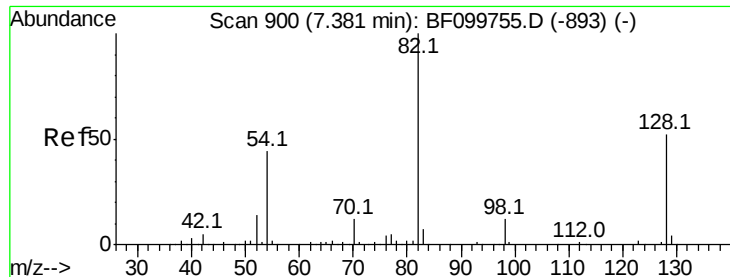
Tot Ion: 70 Resp: 47139
 Ion Ratio Lower Upper
 70 100
 42 40.1 47.5 71.3#
 101 0.0 7.4 11.2#
 130 2.4 16.6 25.0#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BF099847.D
 Acq: 26 Oct 2017 7:58

Tgt Ion: 136 Resp: 274773
 Ion Ratio Lower Upper
 136 100
 137 11.3 8.9 13.3
 54 6.3 6.6 9.8#
 68 5.9 5.0 7.4





#23

Nitrobenzene-d5

Concen: 87.987 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF099847.D

Acq: 26 Oct 2017 7:58

Instrument :

BNA_F

ClientSampleId :

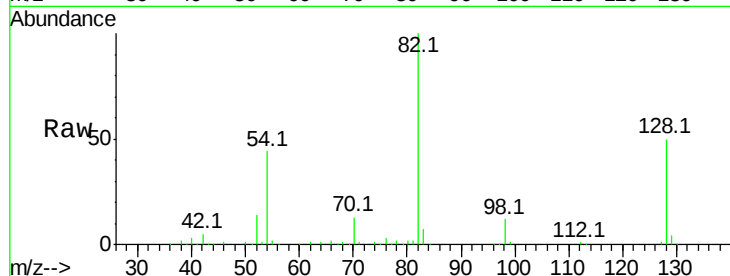
Tot Ion: 82 Resp: 375523

Ion Ratio Lower Upper

82 100

128 50.4 36.1 54.1

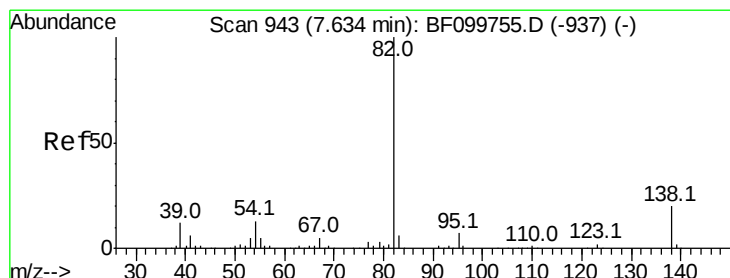
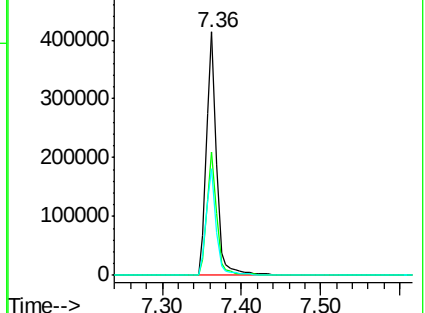
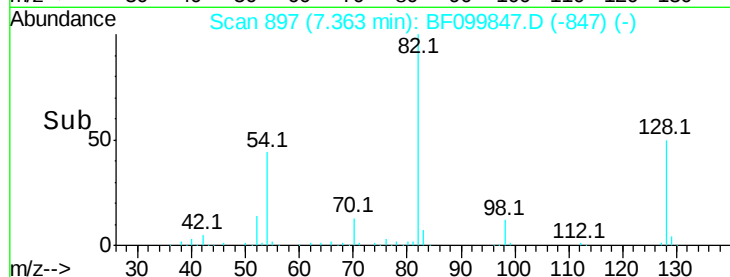
54 43.6 41.4 62.2



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: 48.489 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.26 min

Lab File: BF099847.D

Acq: 26 Oct 2017 7:58

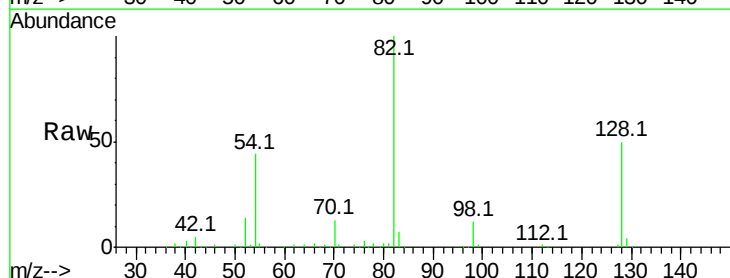
Tgt Ion: 82 Resp: 375523

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

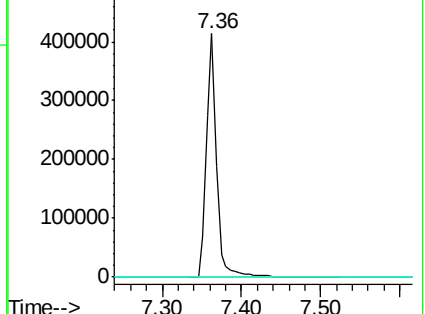
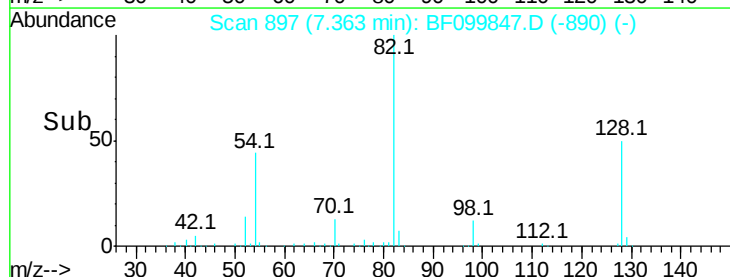
138 0.0 14.9 22.3#

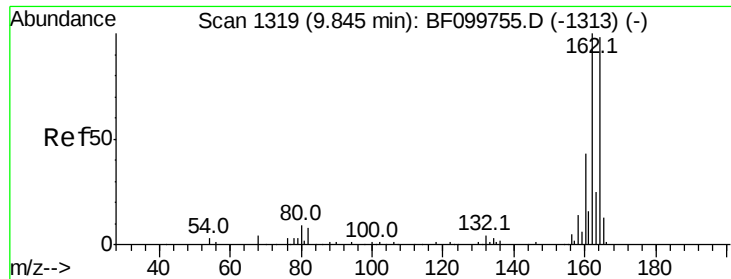


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

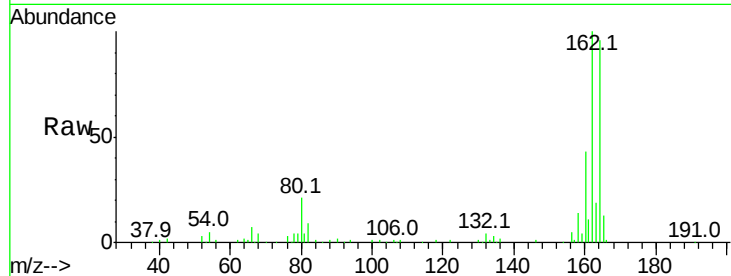




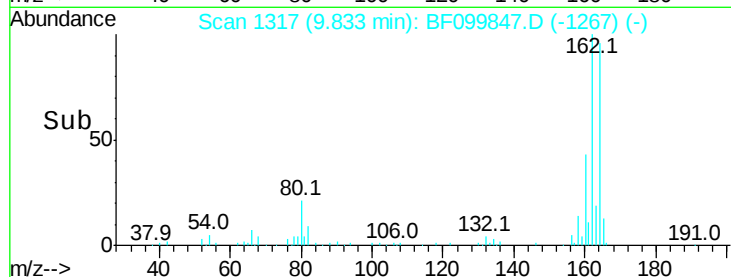
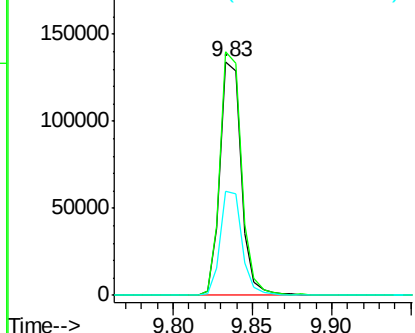
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF099847.D
Acq: 26 Oct 2017 7:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 125224
Ion Ratio Lower Upper
164 100
162 104.1 86.1 129.1
160 44.5 38.3 57.5

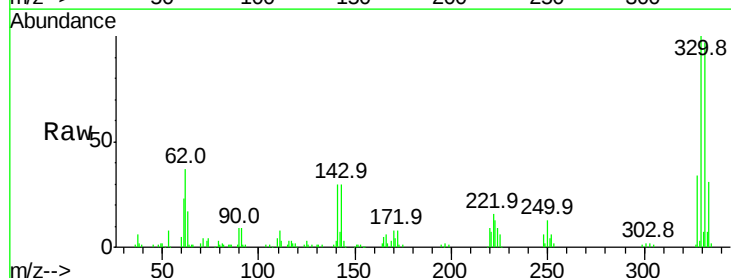


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

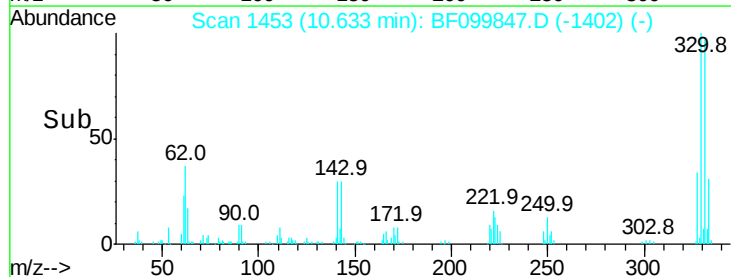
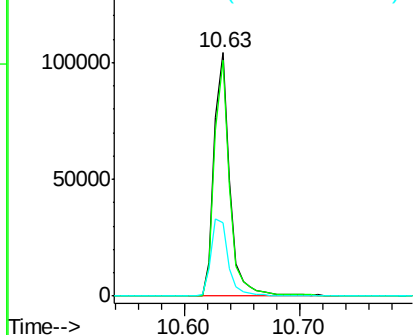


#41
2,4,6-Tribromophenol
Concen: 85.991 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.00 min
Lab File: BF099847.D
Acq: 26 Oct 2017 7:58

Tgt Ion:330 Resp: 98132
Ion Ratio Lower Upper
330 100
332 94.8 77.0 115.6
141 35.2 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

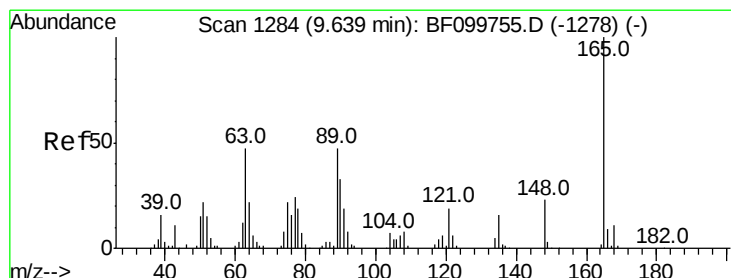
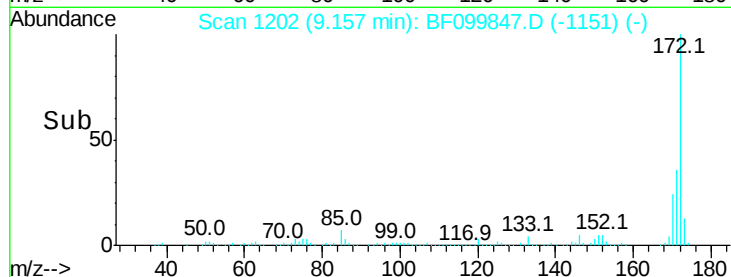
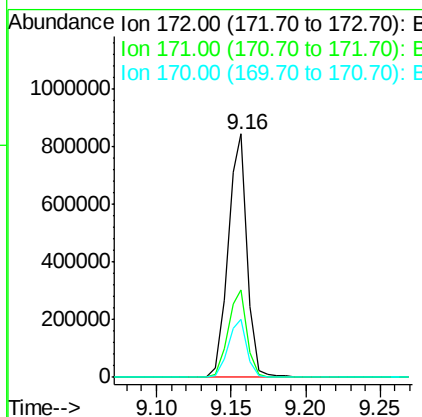
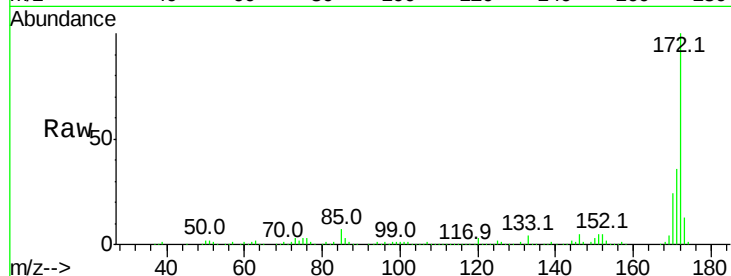




#44
 2-Fluorobiphenyl
 Concen: 93.727 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BF099847.D
 Acq: 26 Oct 2017 7:58

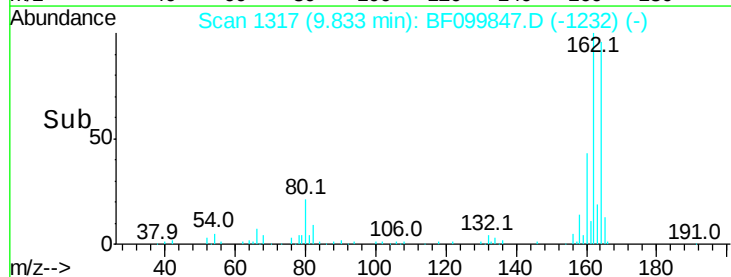
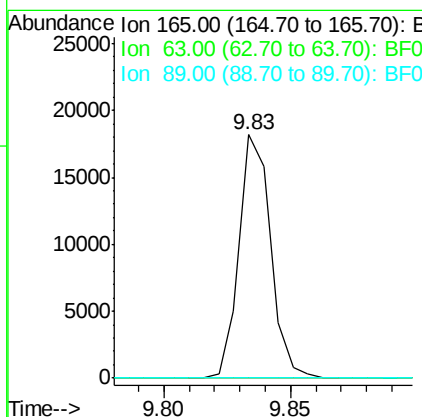
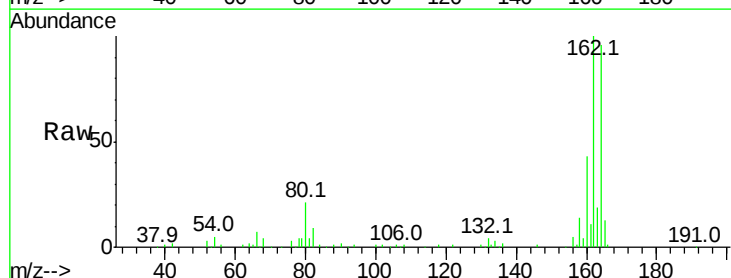
Instrument :
 BNA_F
 ClientSampleId :

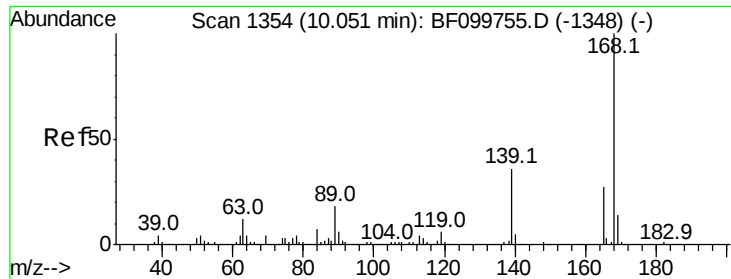
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.8	19.6	29.4



#50
 2,6-Dinitrotoluene
 Concen: 7.568 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.20 min
 Lab File: BF099847.D
 Acq: 26 Oct 2017 7:58

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

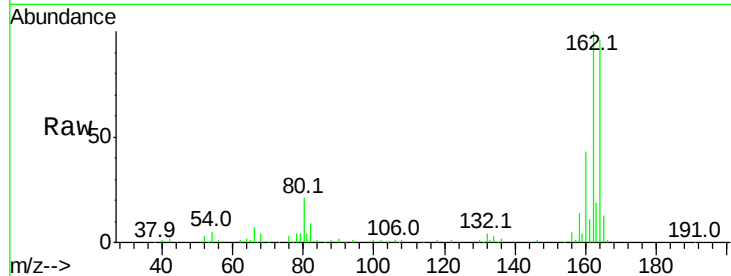




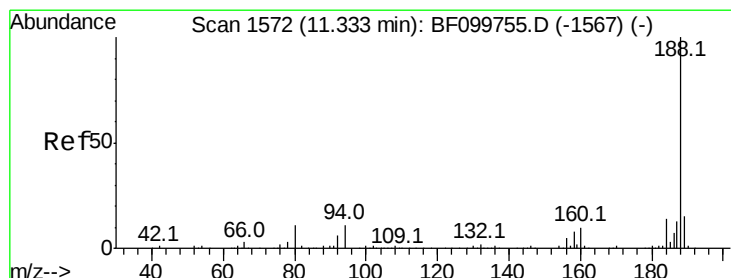
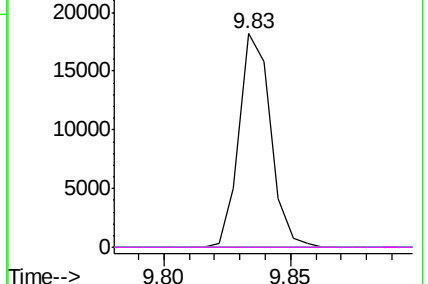
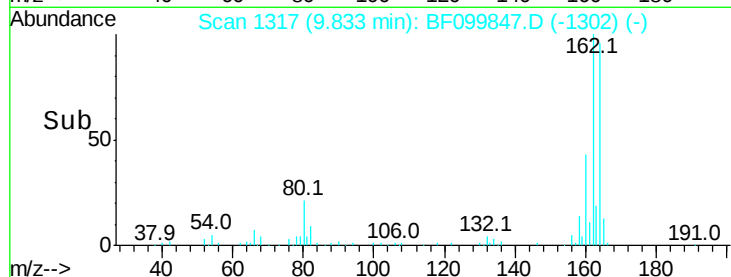
#56
 2,4-Dinitrotoluene
 Concen: 6.284 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.21 min
 Lab File: BF099847.D
 Acq: 26 Oct 2017 7:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 15777
 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#

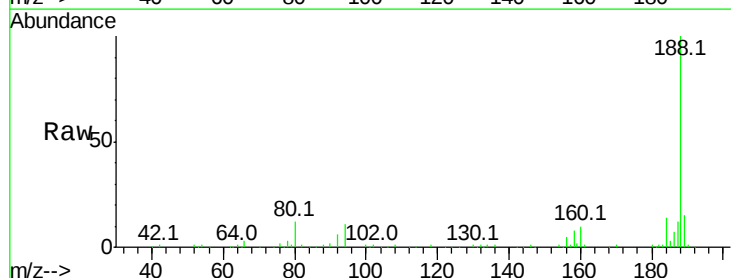


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

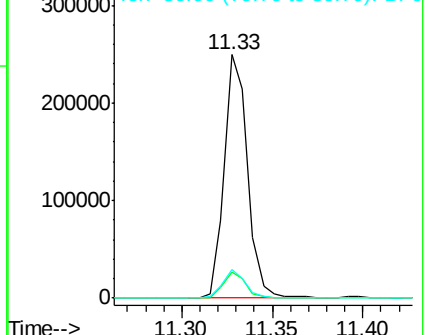
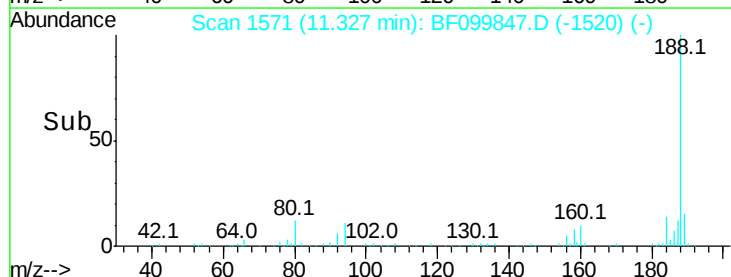


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: BF099847.D
 Acq: 26 Oct 2017 7:58

Tgt Ion:188 Resp: 224055
 Ion Ratio Lower Upper
 188 100
 94 10.9 8.5 12.7
 80 11.5 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

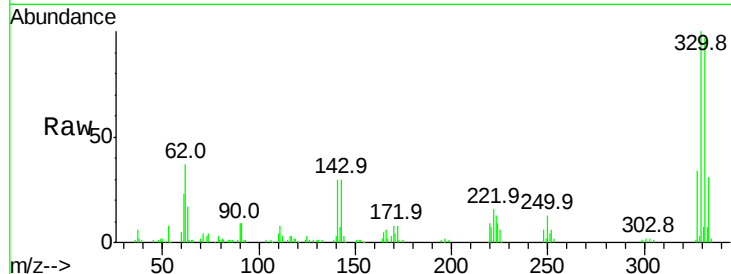




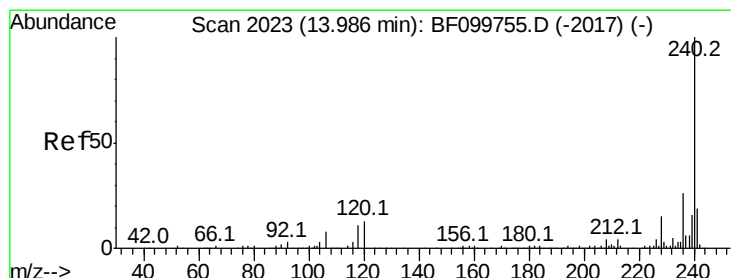
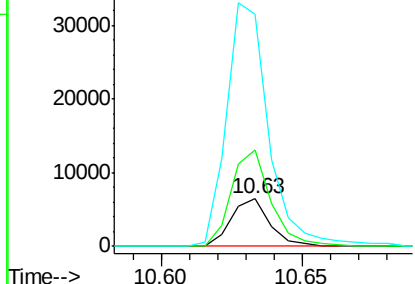
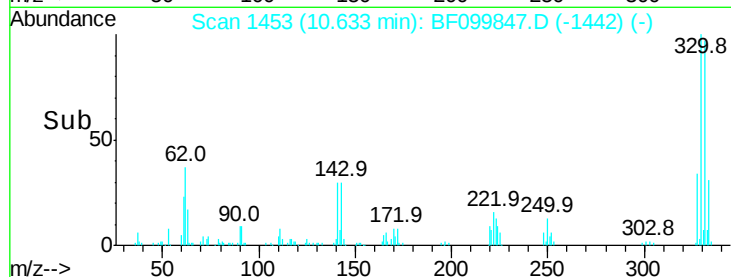
#66
 4-Bromophenyl-phenylether
 Concen: 2.602 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.24 min
 Lab File: BF099847.D
 Acq: 26 Oct 2017 7:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 6137
 Ion Ratio Lower Upper
 248 100
 250 204.1 76.9 115.3#
 141 493.3 74.4 111.6#

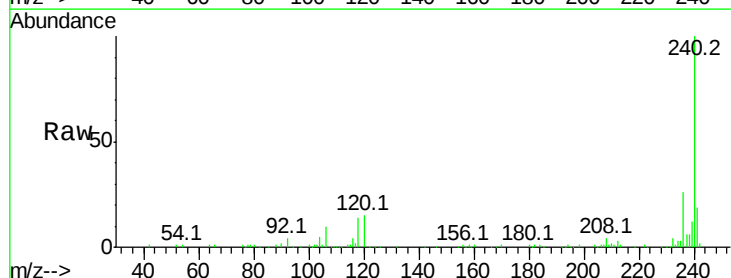


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

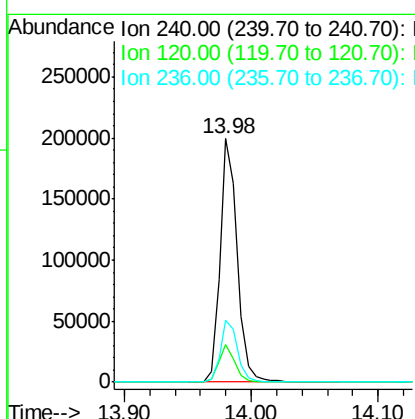
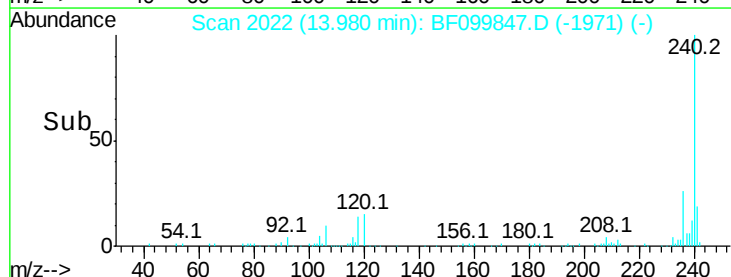


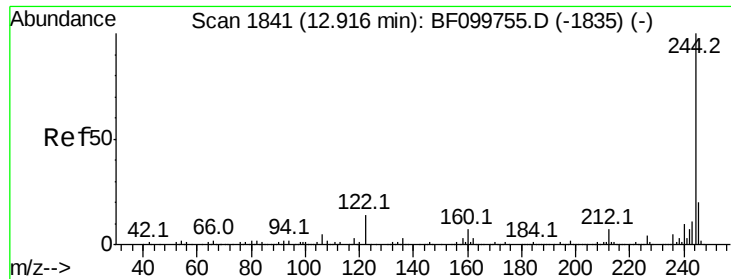
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.00 min
 Lab File: BF099847.D
 Acq: 26 Oct 2017 7:58

Tgt Ion:240 Resp: 188133
 Ion Ratio Lower Upper
 240 100
 120 15.3 9.5 14.3#
 236 25.5 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

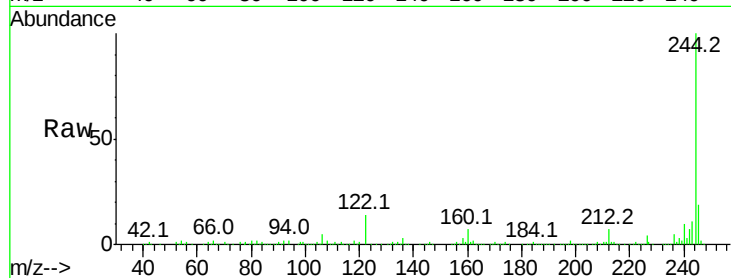




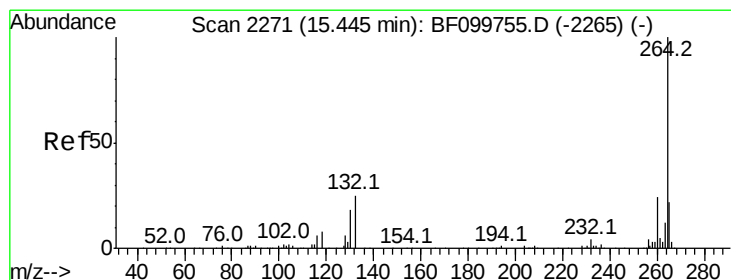
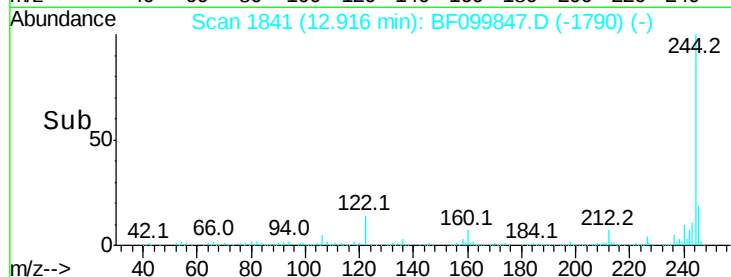
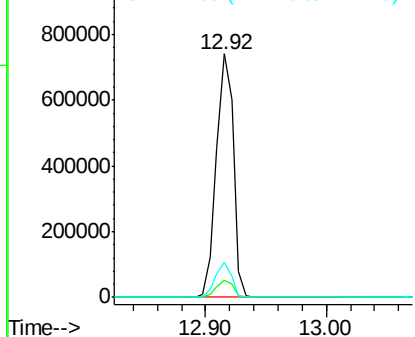
#78
 Terphenyl-d14
 Concen: 82.886 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BF099847.D
 Acq: 26 Oct 2017 7:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 713540
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 14.3 11.0 16.4

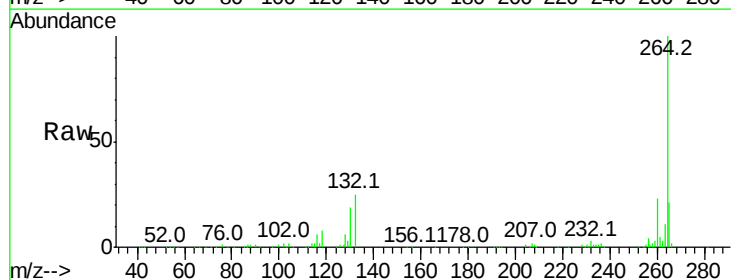


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. 0.01 min
 Lab File: BF099847.D
 Acq: 26 Oct 2017 7:58

Tgt Ion:264 Resp: 164357
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.2 28.8
 265 21.1 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

