

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\
 Data File : BF099953.D
 Acq On : 30 Oct 2017 12:34
 Operator : SJ/JU
 Sample : PB103742BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 30 16:11:30 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 30 16:10:28 2017
 Response via : Initial Calibration

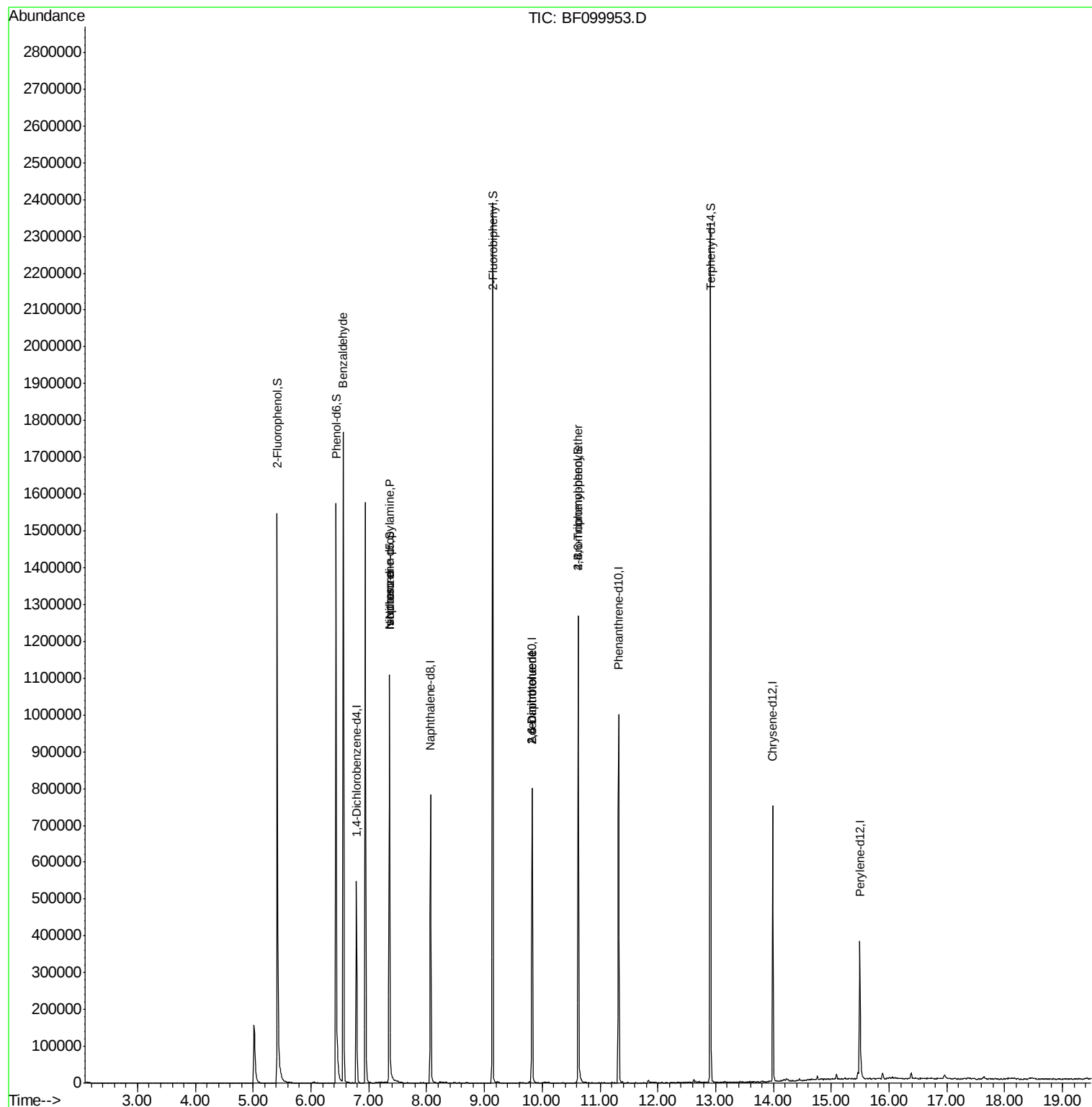
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	90192	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	373631	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	182776	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	351754	20.00	ng	0.00
75) Chrysene-d12	13.99	240	262746	20.00	ng	0.00
86) Perylene-d12	15.49	264	185467	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	566299	98.58	ng	0.01
7) Phenol-d6	6.43	99	663131	97.35	ng	0.00
23) Nitrobenzene-d5	7.36	82	376308	64.84	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	170268	102.22	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	837090	70.66	ng	0.00
78) Terphenyl-d14	12.91	244	803343	66.82	ng	0.00
Target Compounds						
9) Benzaldehyde	6.56	77	10150	2.494	ng	86
19) n-Nitroso-di-n-propylamine	7.36	70	47311	11.852	ng	# 70
25) Isophorone	7.36	82	376345	35.737	ng	# 64
50) 2,6-Dinitrotoluene	9.82	165	23789	7.818	ng	# 24
56) 2,4-Dinitrotoluene	9.82	165	23789	6.492	ng	# 22
66) 4-Bromophenyl-phenylether	10.62	248	11221	3.030	ng	# 1

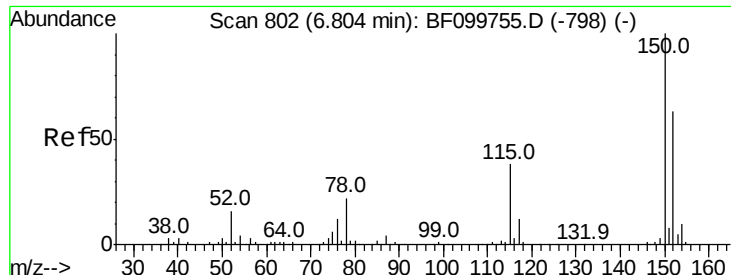
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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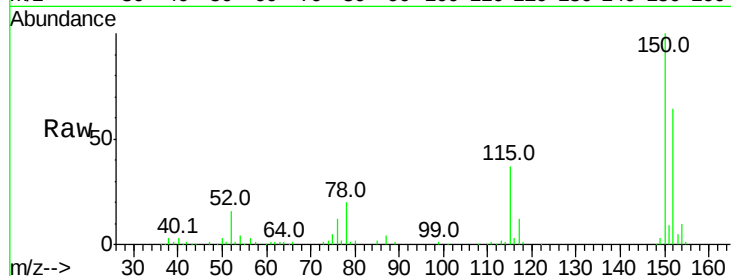


#1

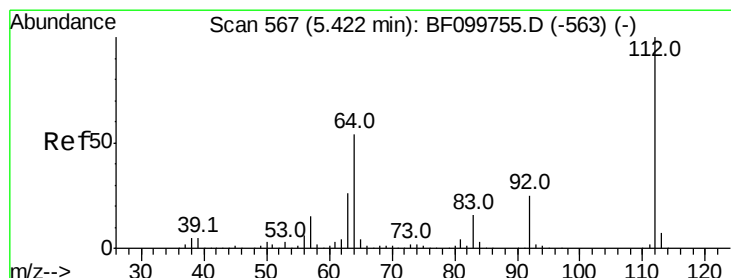
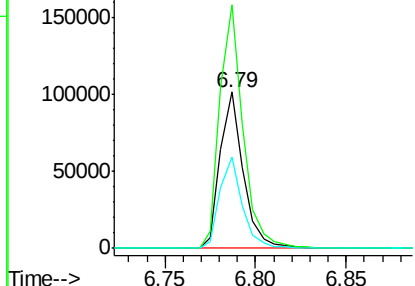
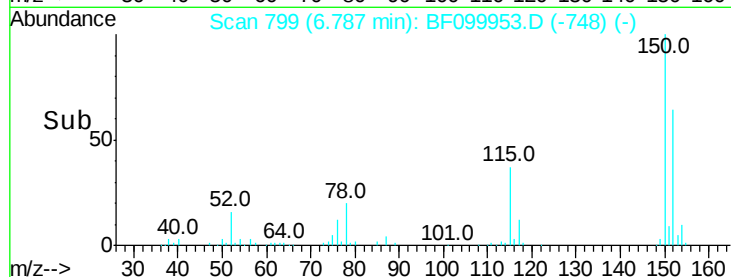
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF099953.D
Acq: 30 Oct 2017 12:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 90192
Ion Ratio Lower Upper
152 100
150 155.7 124.6 186.8
115 58.3 50.1 75.1



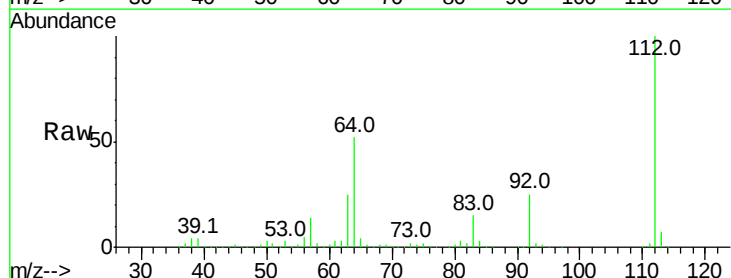
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



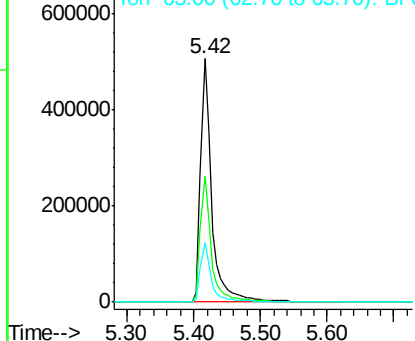
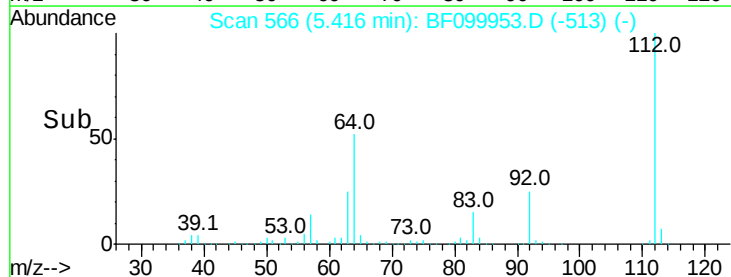
#5

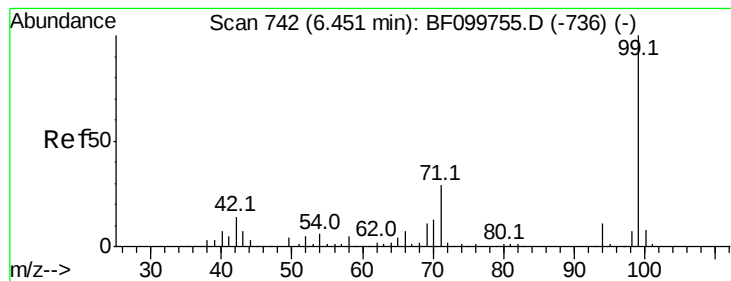
2-Fluorophenol
Concen: 98.575 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF099953.D
Acq: 30 Oct 2017 12:34

Tgt Ion:112 Resp: 566299
Ion Ratio Lower Upper
112 100
64 51.7 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: 97.351 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF099953.D

Acq: 30 Oct 2017 12:34

Instrument :

BNA_F

ClientSampleId :

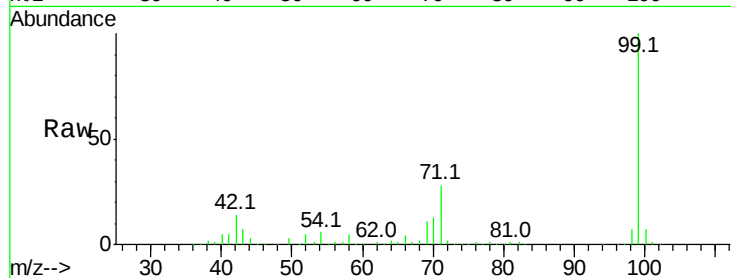
Tot Ion: 99 Resp: 663131

Ion Ratio Lower Upper

99 100

42 13.7 14.5 21.7#

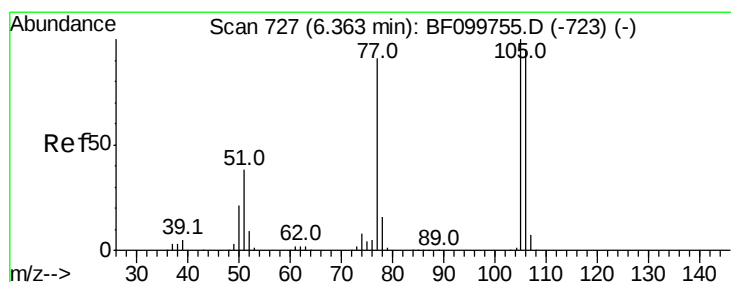
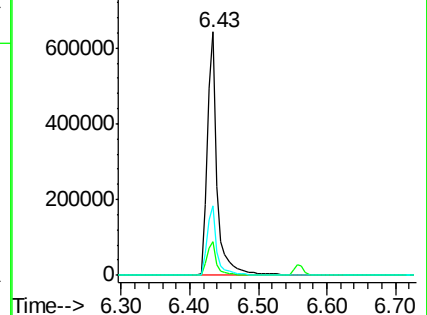
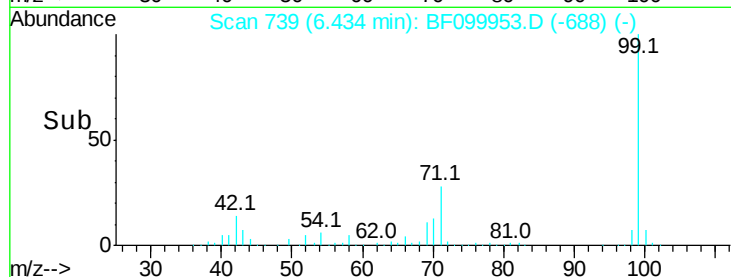
71 28.4 25.4 38.0



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: 2.494 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.21 min

Lab File: BF099953.D

Acq: 30 Oct 2017 12:34

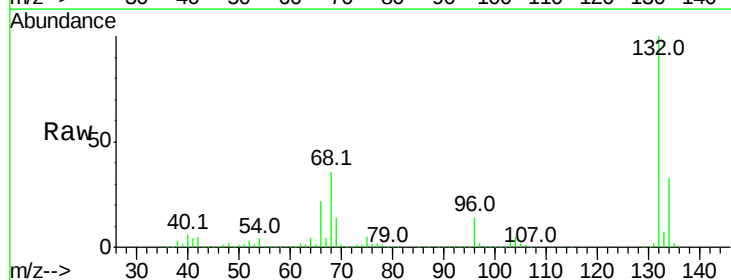
Tgt Ion: 77 Resp: 10150

Ion Ratio Lower Upper

77 100

105 85.8 81.1 121.1

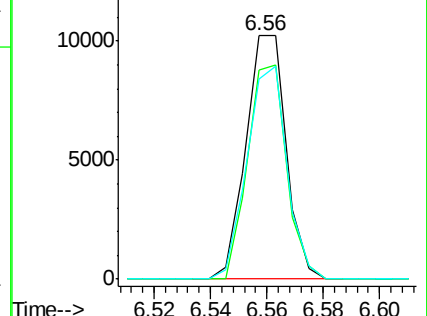
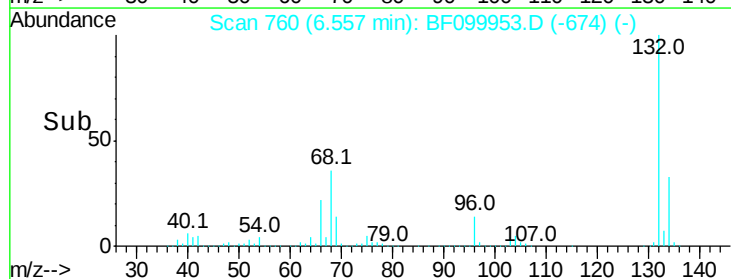
106 82.0 74.5 114.5

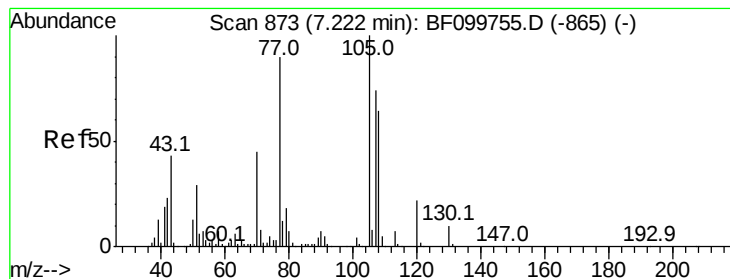


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.852 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.15 min

Lab File: BF099953.D

Acq: 30 Oct 2017 12:34

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 47311

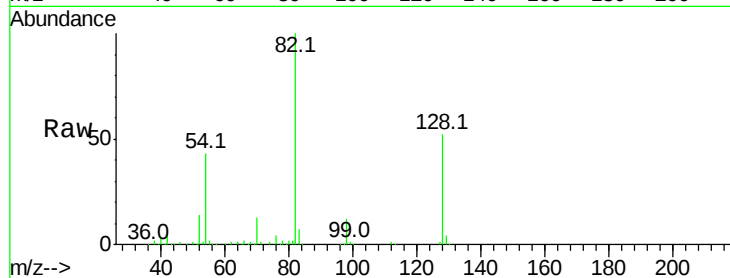
Ion Ratio Lower Upper

70 100

42 39.0 47.5 71.3#

101 0.0 7.4 11.2#

130 2.9 16.6 25.0#

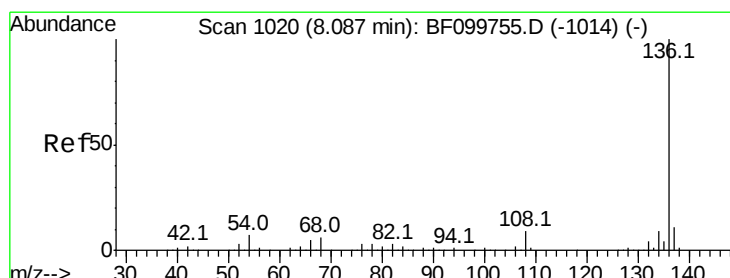
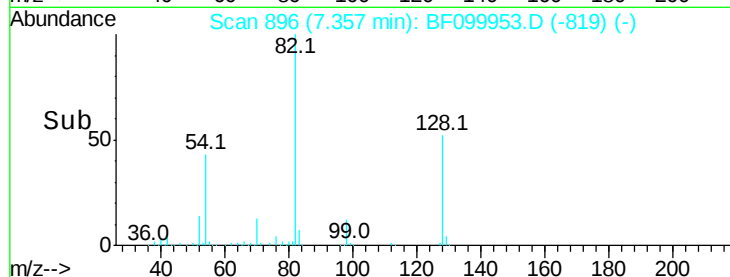
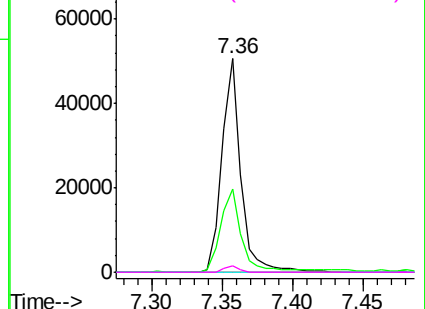


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.07 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BF099953.D

Acq: 30 Oct 2017 12:34

Tgt Ion: 136 Resp: 373631

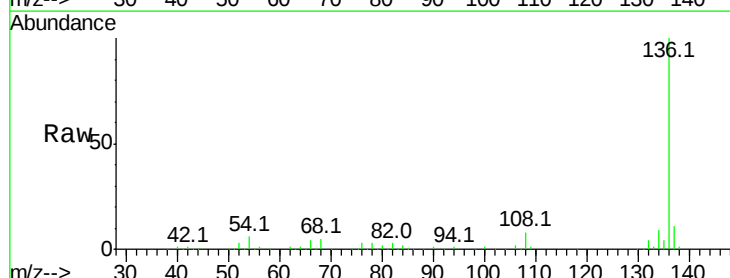
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.3 6.6 9.8#

68 5.5 5.0 7.4

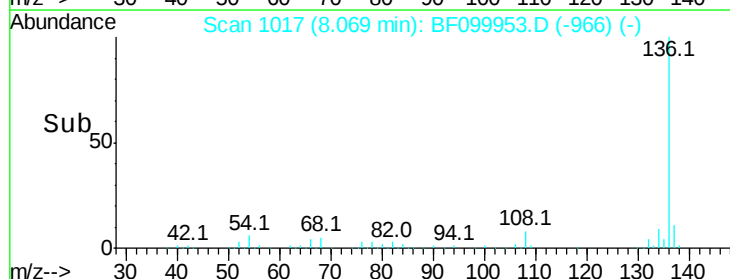
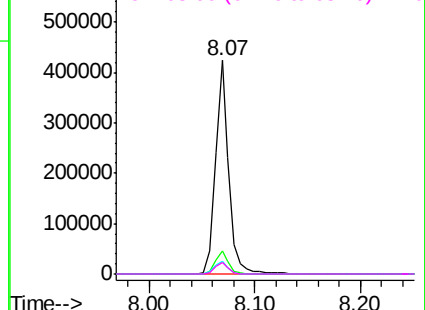


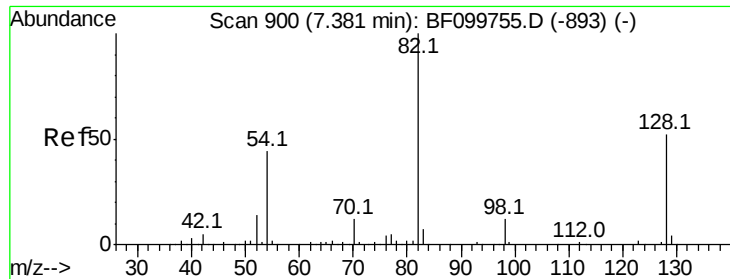
Abundance Ion 136.00 (135.70 to 136.70): E

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

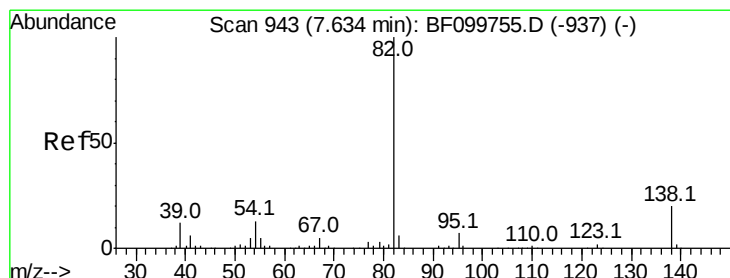
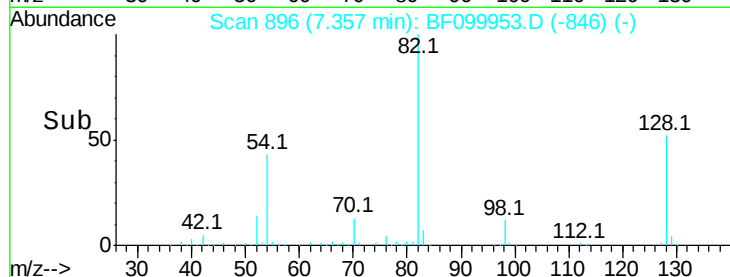
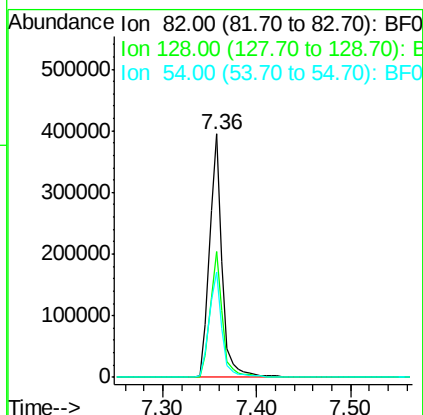
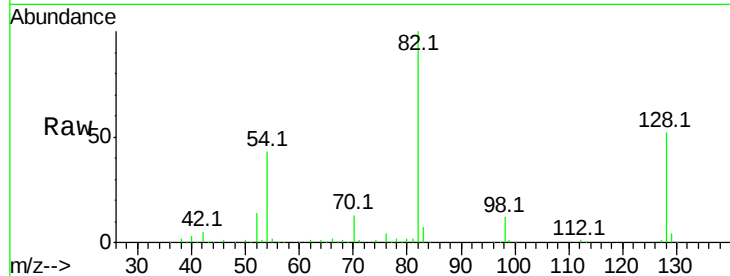




#23
 Nitrobenzene-d5
 Concen: 64.842 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF099953.D
 Acq: 30 Oct 2017 12:34

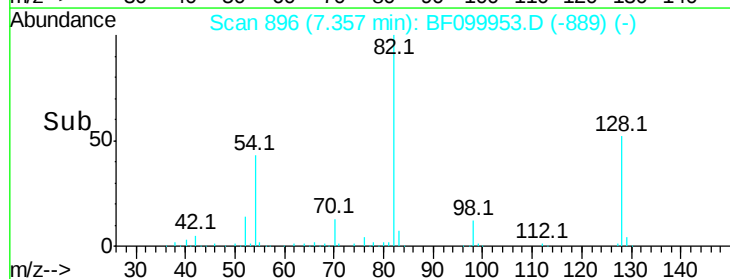
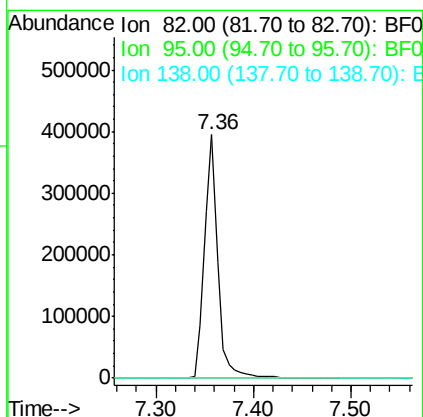
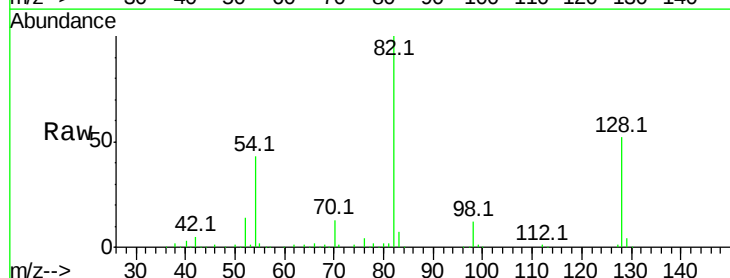
Instrument :
 BNA_F
 ClientSampleId :

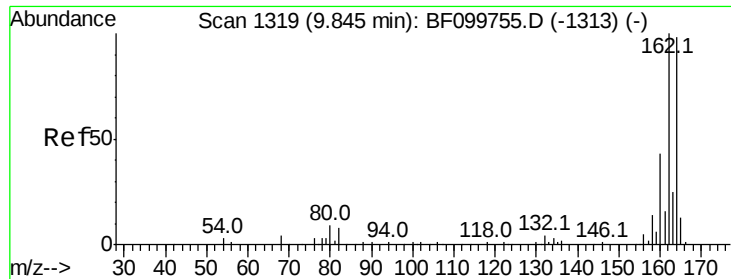
Tot Ion: 82 Resp: 376308
 Ion Ratio Lower Upper
 82 100
 128 51.9 36.1 54.1
 54 43.1 41.4 62.2



#25
 Isophorone
 Concen: 35.737 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.26 min
 Lab File: BF099953.D
 Acq: 30 Oct 2017 12:34

Tgt Ion: 82 Resp: 376345
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#

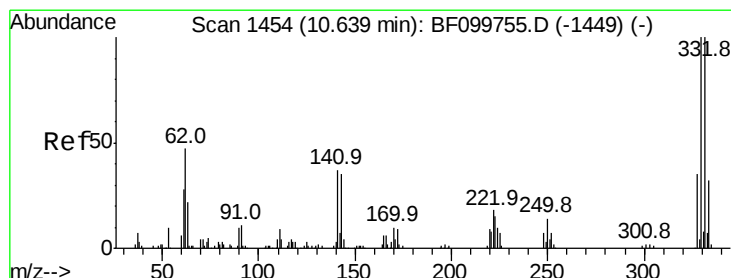
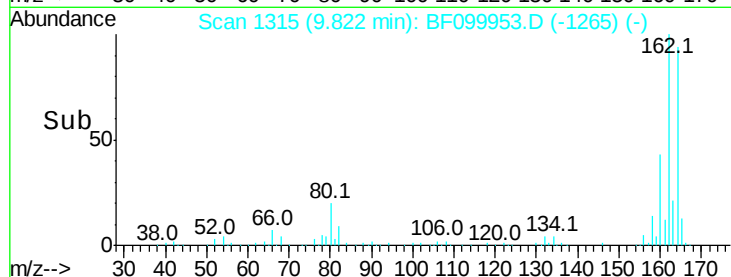
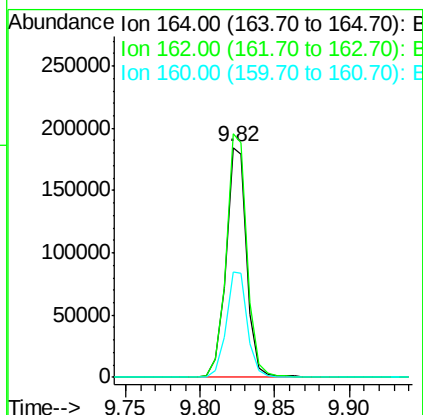
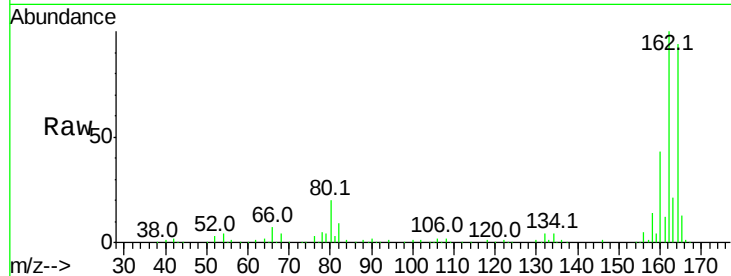




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF099953.D
 Acq: 30 Oct 2017 12:34

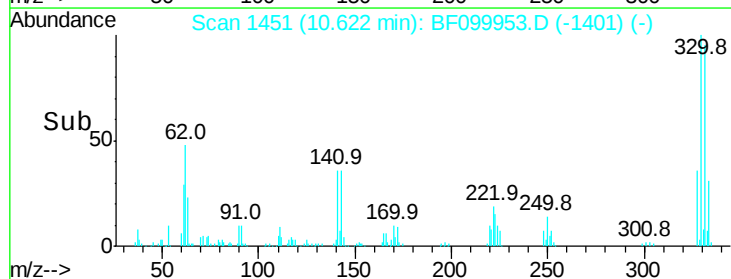
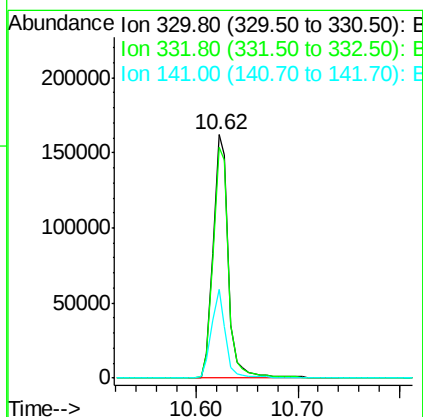
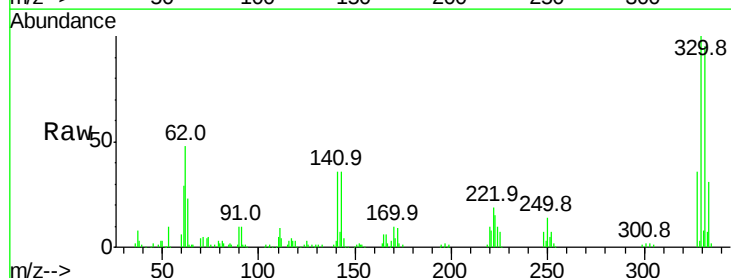
Instrument :
 BNA_F
 ClientSampleId :

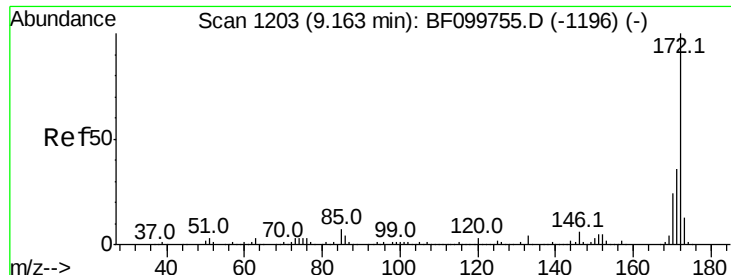
Tot Ion:164 Resp: 182776
 Ion Ratio Lower Upper
 164 100
 162 105.9 86.1 129.1
 160 45.8 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 102.222 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF099953.D
 Acq: 30 Oct 2017 12:34

Tgt Ion:330 Resp: 170268
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 33.7 29.9 44.9

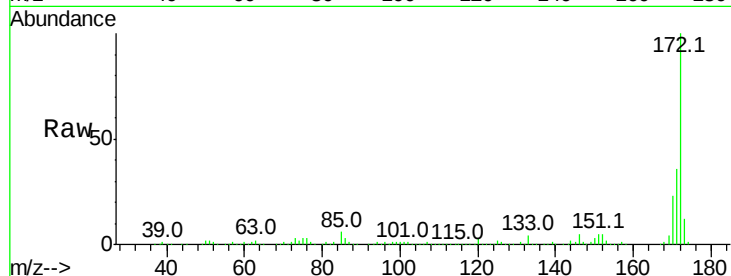




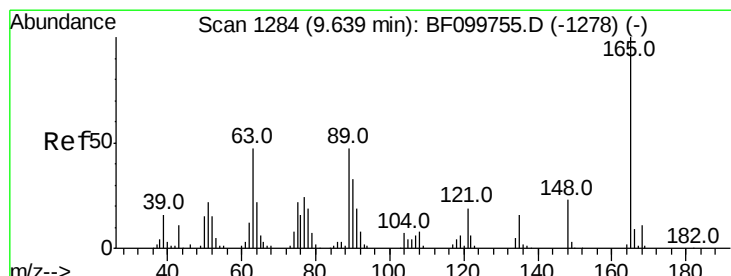
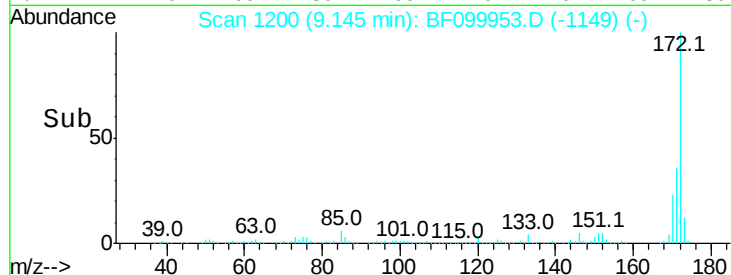
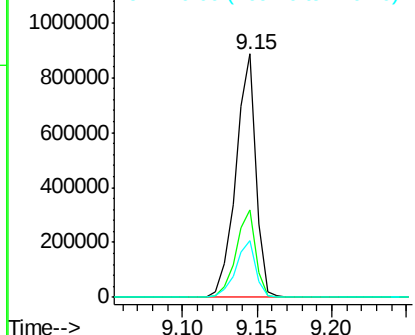
#44
2-Fluorobiphenyl
Concen: 70.660 ng
RT: 9.15 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BF099953.D
Acq: 30 Oct 2017 12:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 837090
Ion Ratio Lower Upper
172 100
171 35.8 29.7 44.5
170 23.2 19.6 29.4

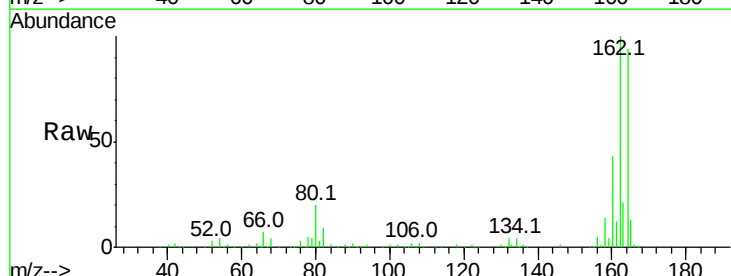


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

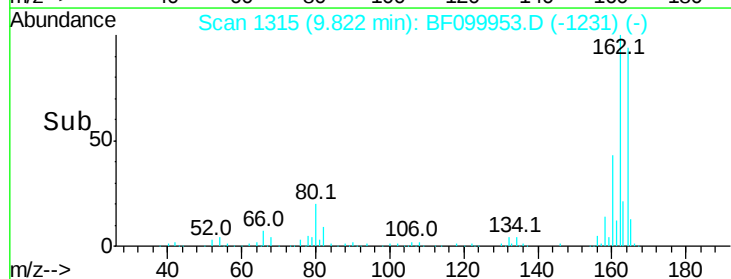
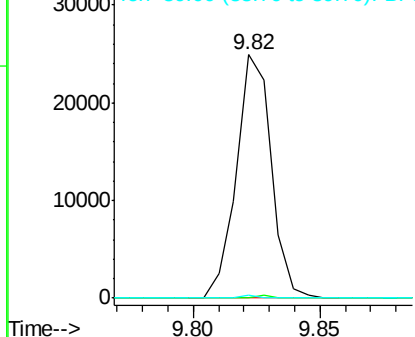


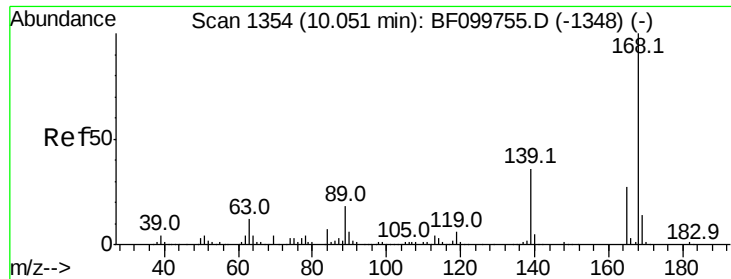
#50
2,6-Dinitrotoluene
Concen: 7.818 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.19 min
Lab File: BF099953.D
Acq: 30 Oct 2017 12:34

Tgt Ion:165 Resp: 23789
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 1.2 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

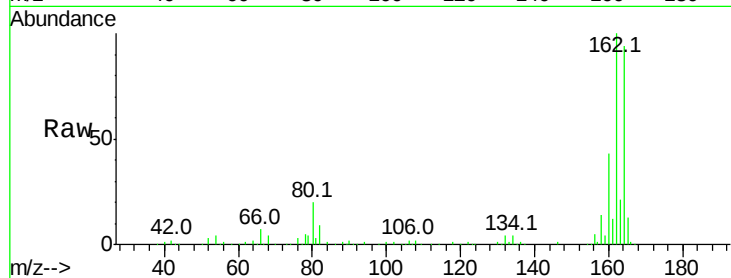




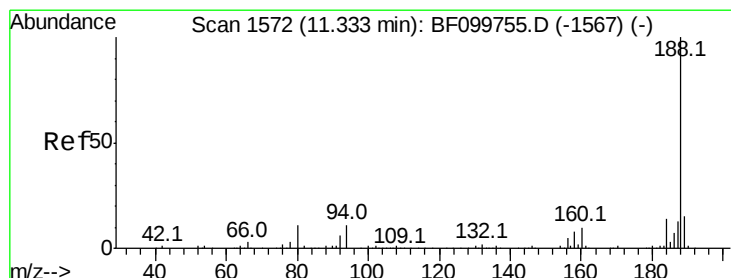
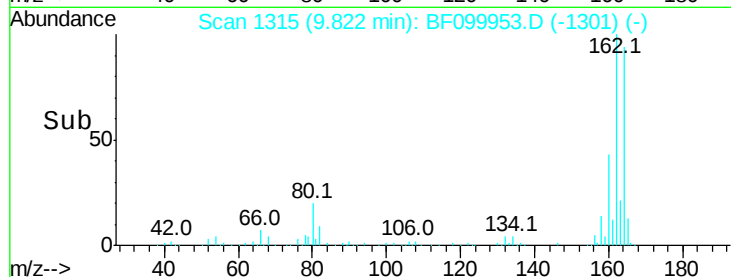
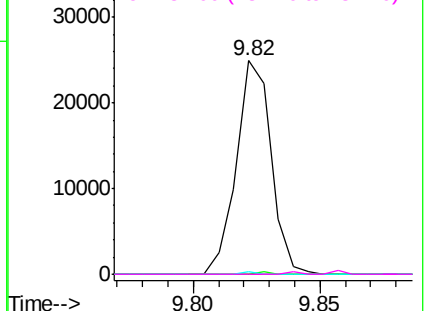
#56
 2,4-Dinitrotoluene
 Concen: 6.492 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.22 min
 Lab File: BF099953.D
 Acq: 30 Oct 2017 12:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 23789
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.4 54.6#
 89 1.2 57.8 86.6#
 182 0.0 1.6 2.4#

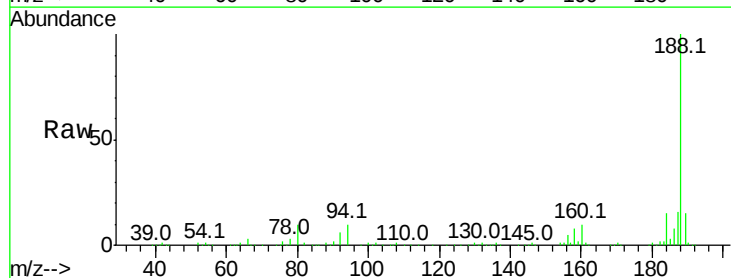


Abundance Ion 165.00 (164.70 to 165.70): E

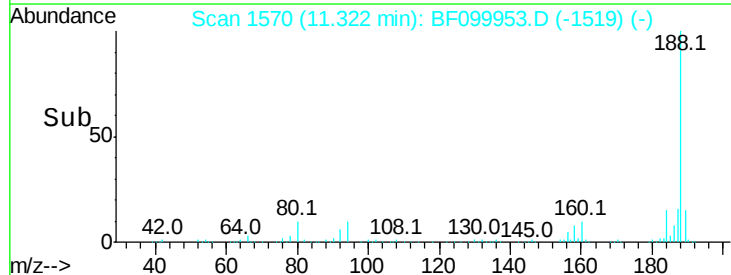
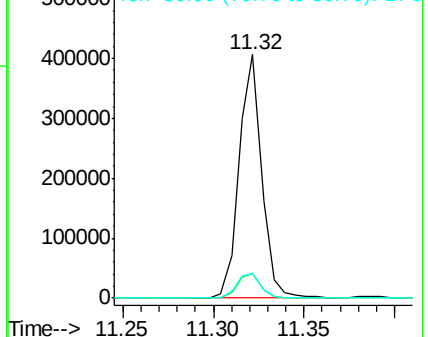


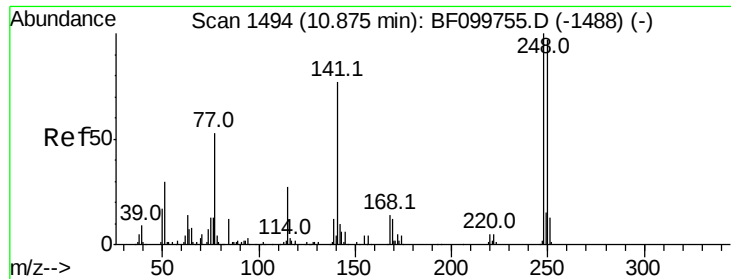
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. 0.00 min
 Lab File: BF099953.D
 Acq: 30 Oct 2017 12:34

Tgt Ion:188 Resp: 351754
 Ion Ratio Lower Upper
 188 100
 94 10.2 8.5 12.7
 80 10.3 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

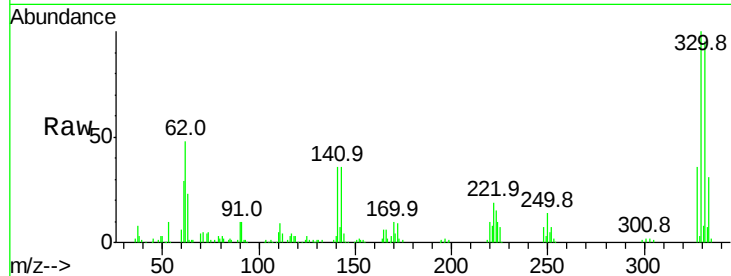




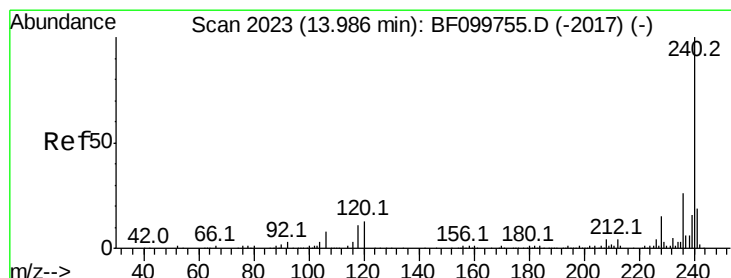
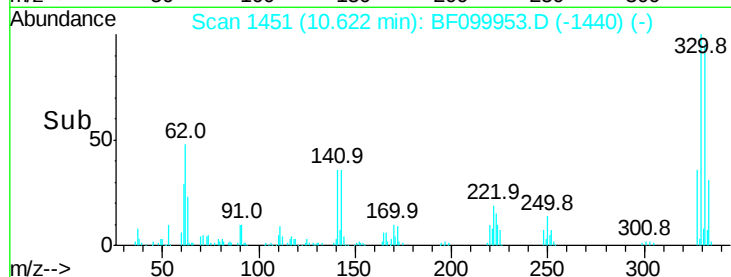
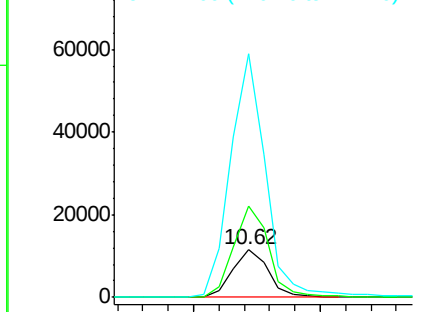
#66
 4-Bromophenyl-phenylether
 Concen: 3.030 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.24 min
 Lab File: BF099953.D
 Acq: 30 Oct 2017 12:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 11221
 Ion Ratio Lower Upper
 248 100
 250 192.0 76.9 115.3#
 141 514.9 74.4 111.6#

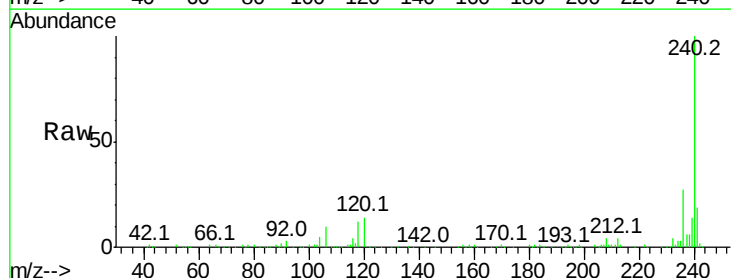


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

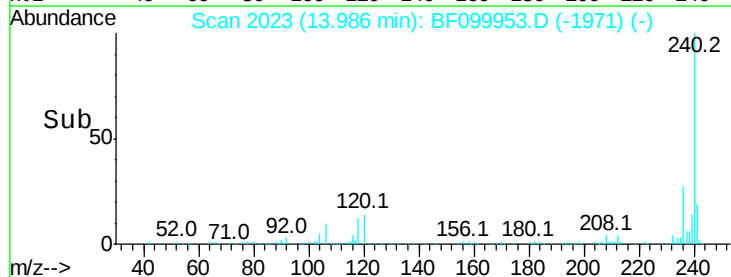
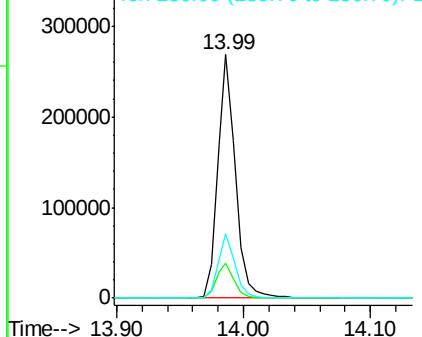


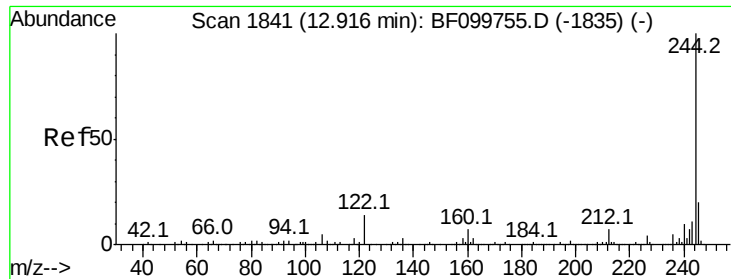
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.01 min
 Lab File: BF099953.D
 Acq: 30 Oct 2017 12:34

Tgt Ion:240 Resp: 262746
 Ion Ratio Lower Upper
 240 100
 120 14.3 9.5 14.3
 236 26.6 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

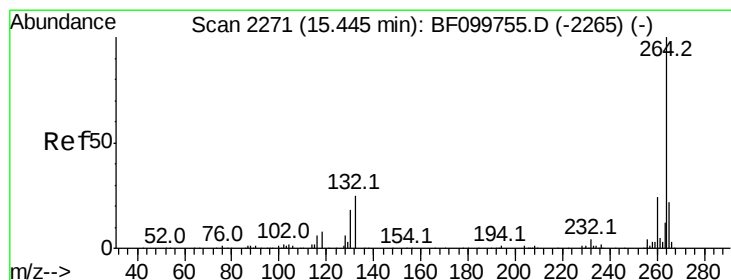
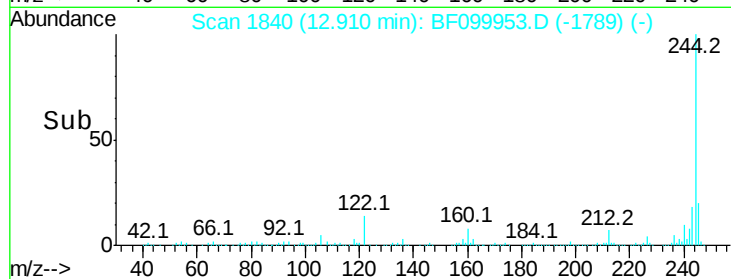
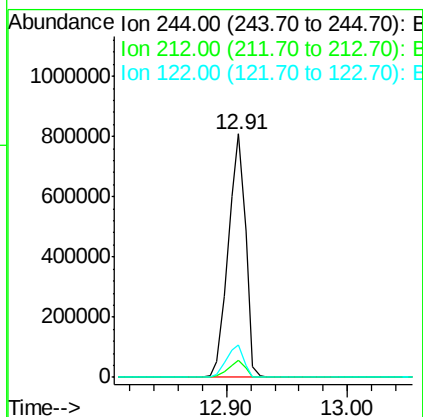
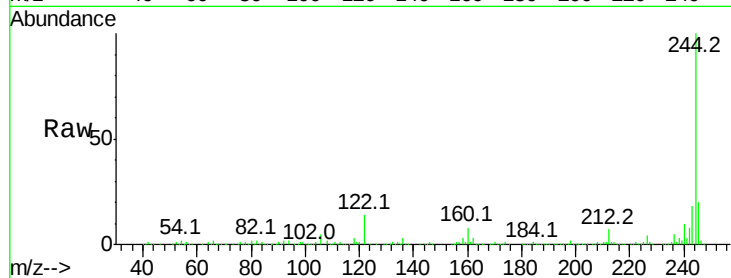




#78
 Terphenyl-d14
 Concen: 66.817 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.00 min
 Lab File: BF099953.D
 Acq: 30 Oct 2017 12:34

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 803343
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 13.5 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.04 min
 Lab File: BF099953.D
 Acq: 30 Oct 2017 12:34

Tgt Ion:264 Resp: 185467
 Ion Ratio Lower Upper
 264 100
 260 22.2 19.2 28.8
 265 21.2 17.5 26.3

