

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\
 Data File : BF099959.D
 Acq On : 30 Oct 2017 15:09
 Operator : SJ/JU
 Sample : I6084-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 30 16:12:58 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

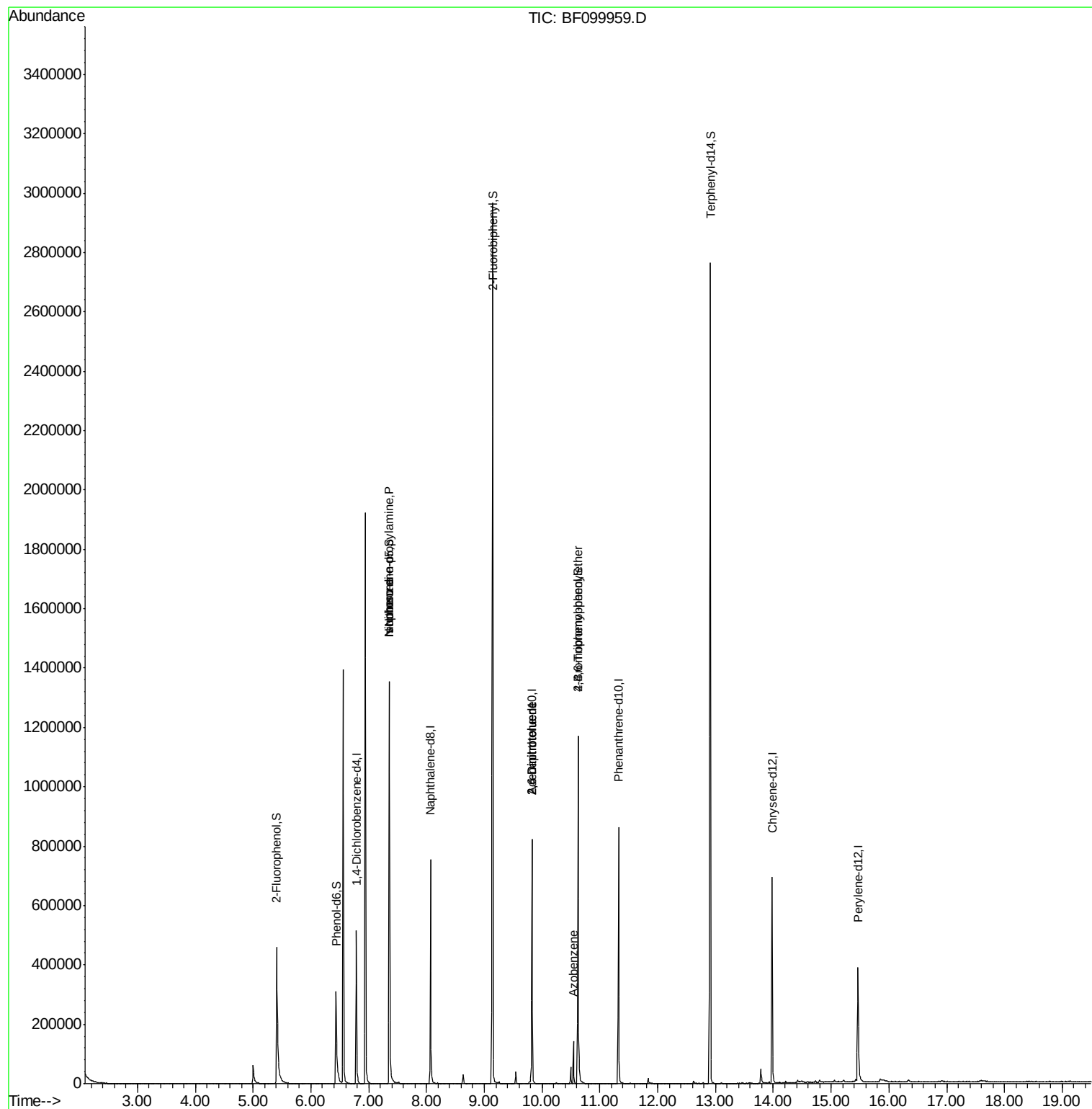
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	87377	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	362091	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	176509	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	342815	20.00	ng	0.00
75) Chrysene-d12	13.98	240	271769	20.00	ng	0.00
86) Perylene-d12	15.46	264	203787	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	229301	41.20	ng	0.00
7) Phenol-d6	6.43	99	186111	28.20	ng	0.00
23) Nitrobenzene-d5	7.36	82	502561	89.36	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	154137	95.82	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1012698	88.52	ng	0.00
78) Terphenyl-d14	12.91	244	1059880	85.23	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	62509	16.164	ng	# 70
25) Isophorone	7.36	82	502601	49.248	ng	# 64
50) 2,6-Dinitrotoluene	9.82	165	22451	7.640	ng	# 26
56) 2,4-Dinitrotoluene	9.82	165	22451	6.344	ng	# 23
62) Azobenzene	10.54	77	22979	2.008	ng	# 1
66) 4-Bromophenyl-phenylether	10.62	248	10216	2.831	ng	# 1

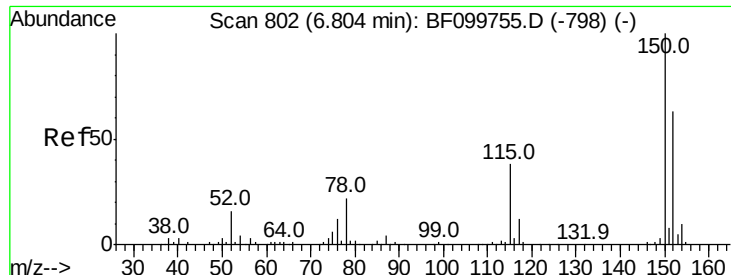
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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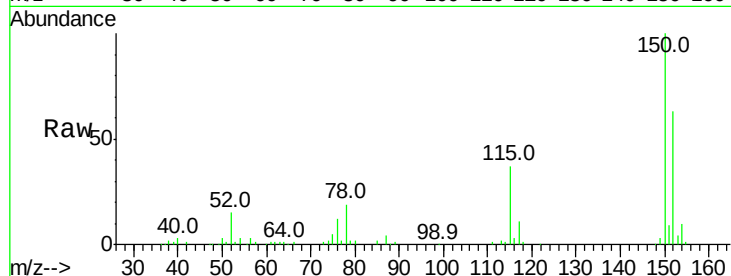


#1

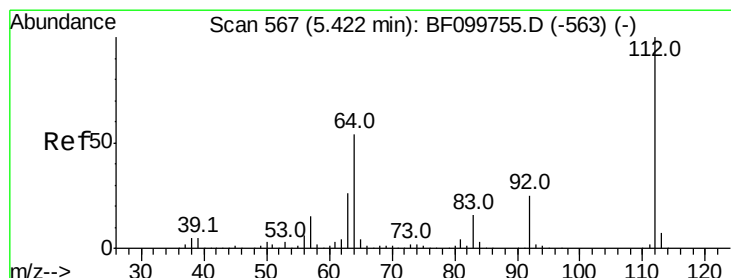
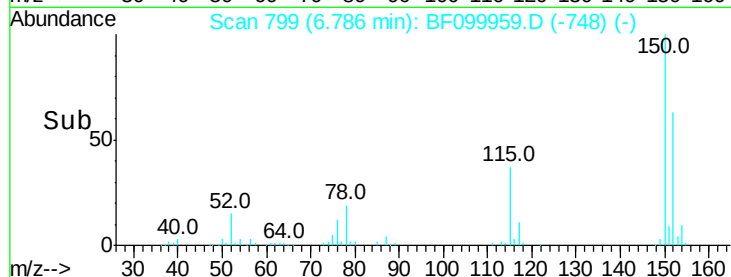
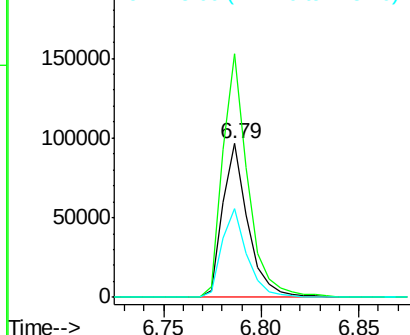
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF099959.D
Acq: 30 Oct 2017 15:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 87377
Ion Ratio Lower Upper
152 100
150 158.3 124.6 186.8
115 58.1 50.1 75.1



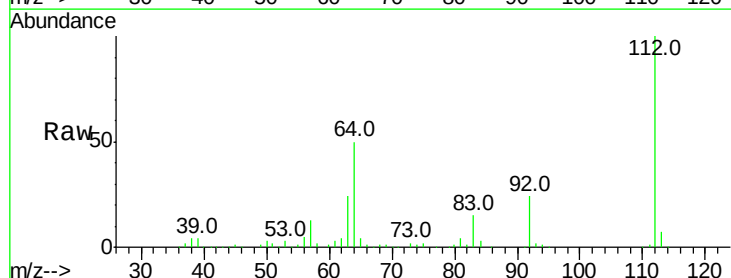
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



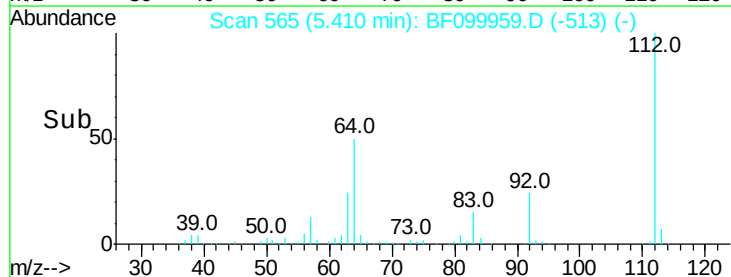
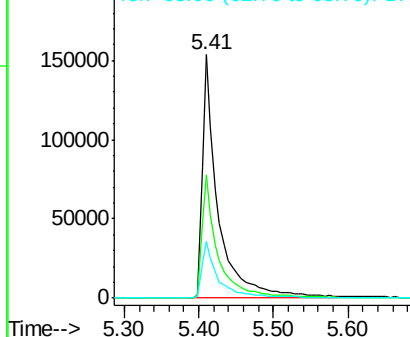
#5

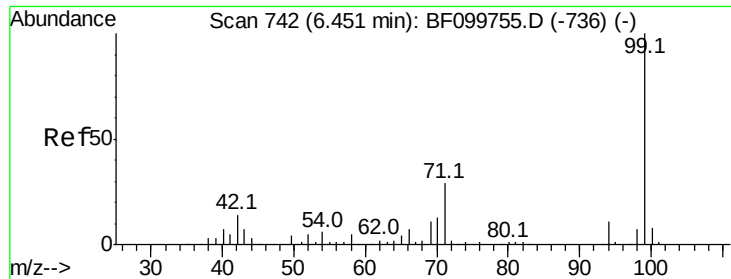
2-Fluorophenol
Concen: 41.200 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF099959.D
Acq: 30 Oct 2017 15:09

Tgt Ion:112 Resp: 229301
Ion Ratio Lower Upper
112 100
64 50.4 47.9 71.9
63 23.5 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: 28.202 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF099959.D

Acq: 30 Oct 2017 15:09

Instrument :

BNA_F

ClientSampleId :

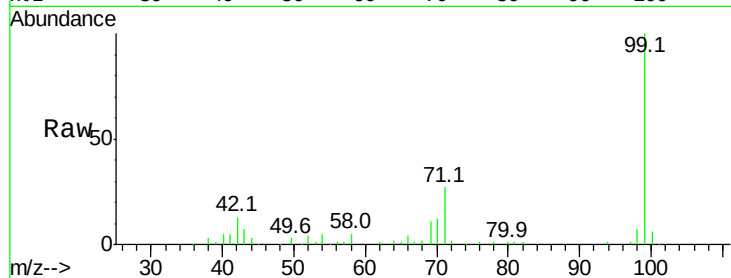
Tot Ion: 99 Resp: 186111

Ion Ratio Lower Upper

99 100

42 12.8 14.5 21.7#

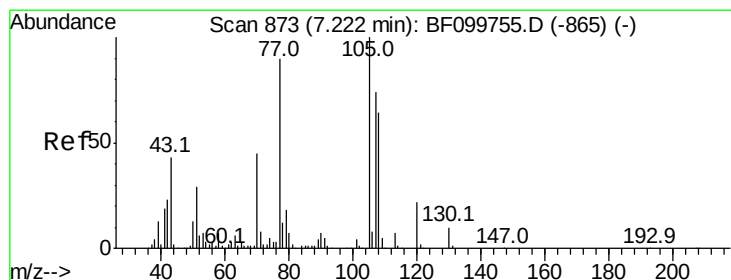
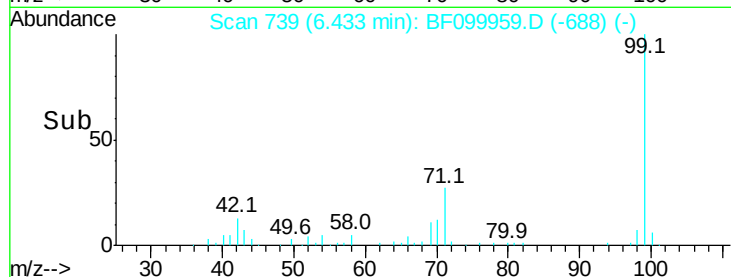
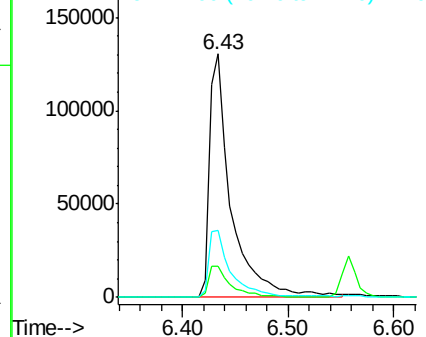
71 27.5 25.4 38.0



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: 16.164 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.15 min

Lab File: BF099959.D

Acq: 30 Oct 2017 15:09

Tgt Ion: 70 Resp: 62509

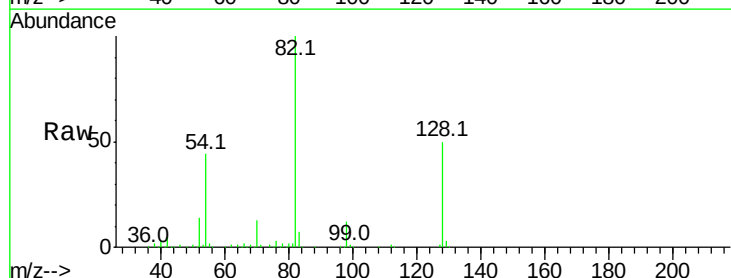
Ion Ratio Lower Upper

70 100

42 39.1 47.5 71.3#

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#

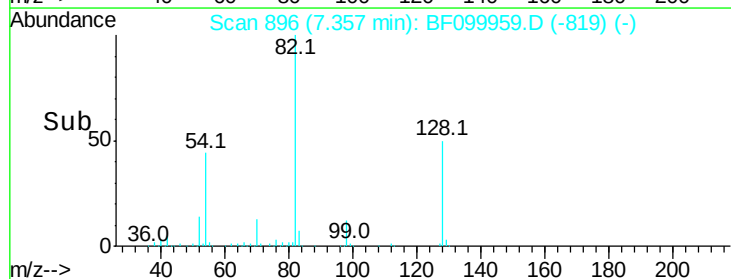
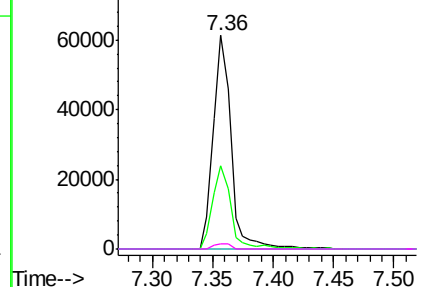


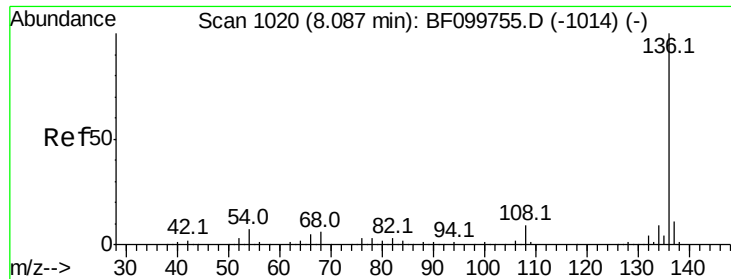
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

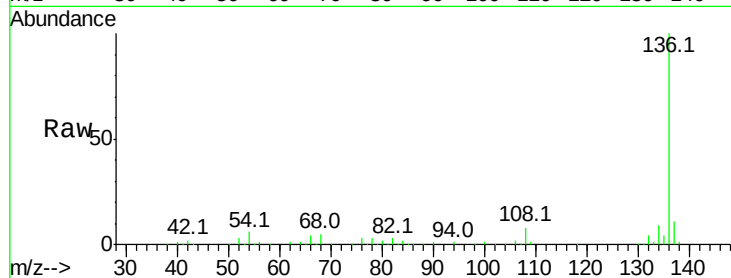




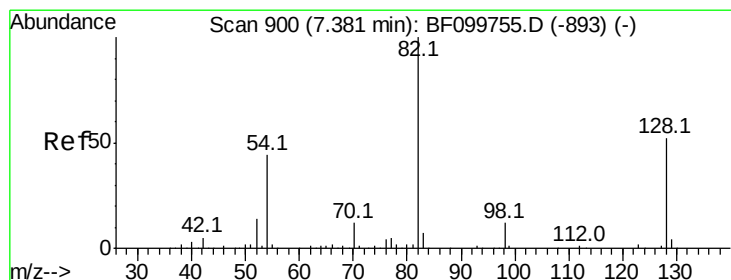
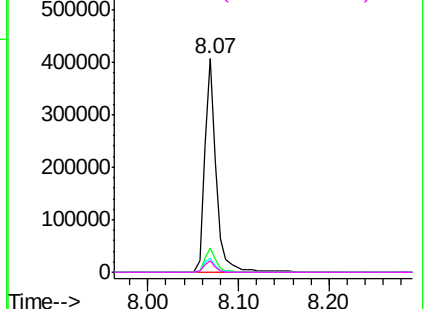
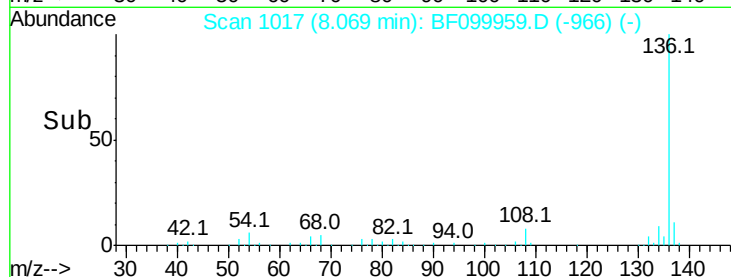
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF099959.D
Acq: 30 Oct 2017 15:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	362091
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	6.3	6.6	9.8#
68	5.5	5.0	7.4

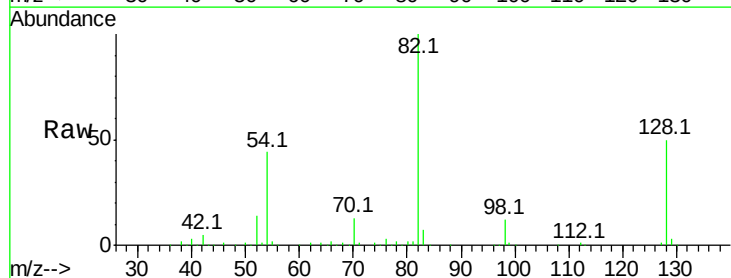


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

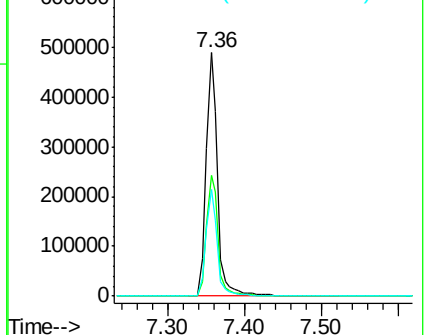
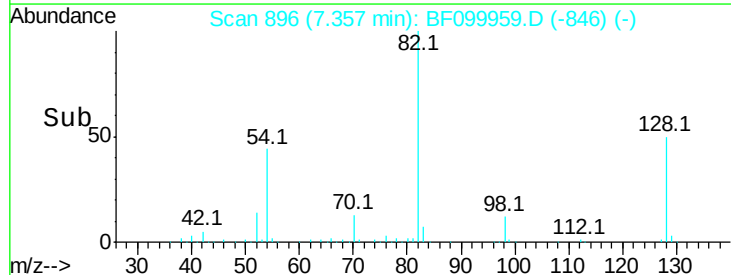


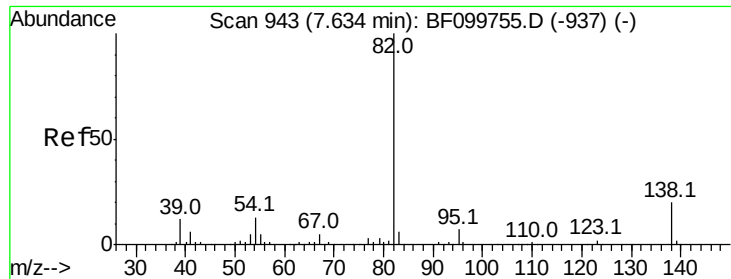
#23
Nitrobenzene-d5
Concen: 89.356 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF099959.D
Acq: 30 Oct 2017 15:09

Tgt Ion:	82	Resp:	502561
Ion	Ratio	Lower	Upper
82	100		
128	49.7	36.1	54.1
54	43.7	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: 49.248 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.26 min

Lab File: BF099959.D

Acq: 30 Oct 2017 15:09

Instrument :

BNA_F

ClientSampleId :

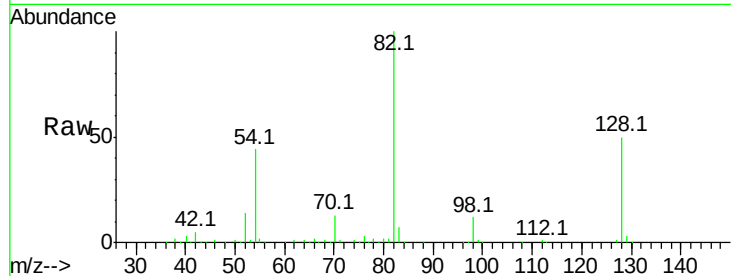
Tot Ion: 82 Resp: 502601

Ion Ratio Lower Upper

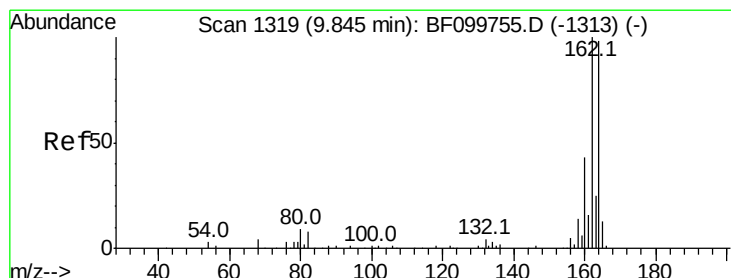
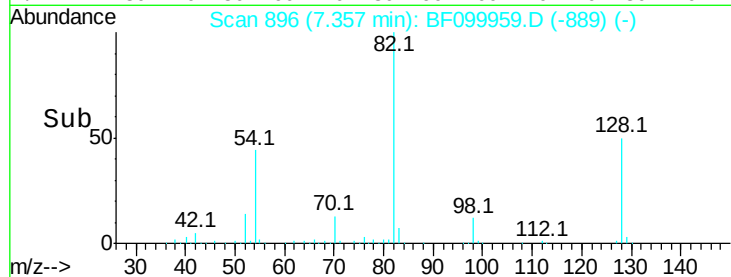
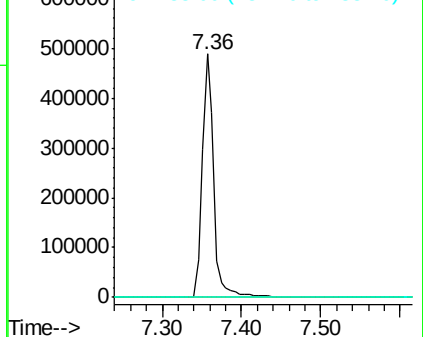
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF099959.D

Acq: 30 Oct 2017 15:09

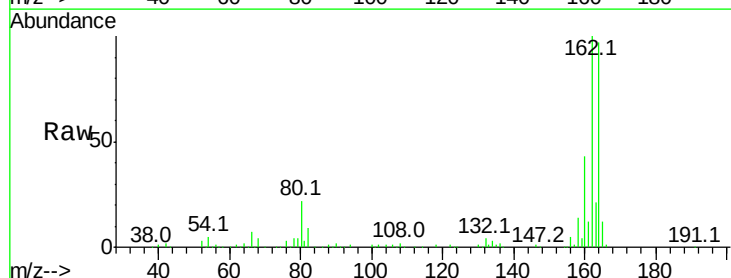
Tgt Ion:164 Resp: 176509

Ion Ratio Lower Upper

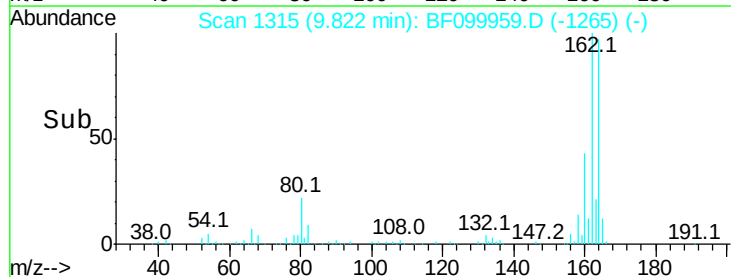
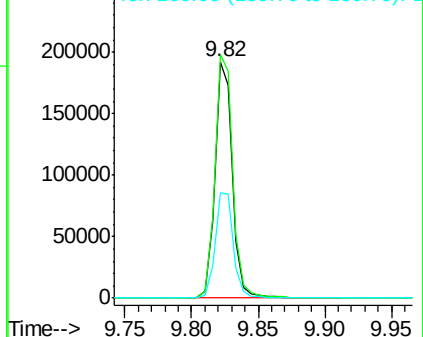
164 100

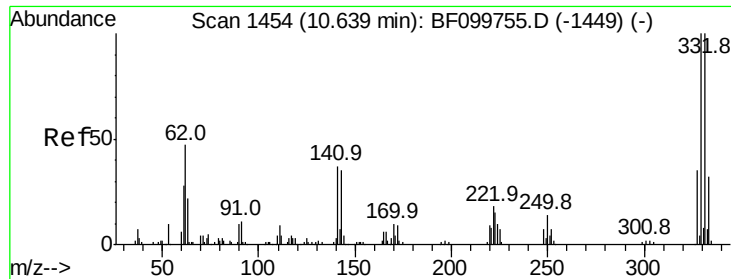
162 103.2 86.1 129.1

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

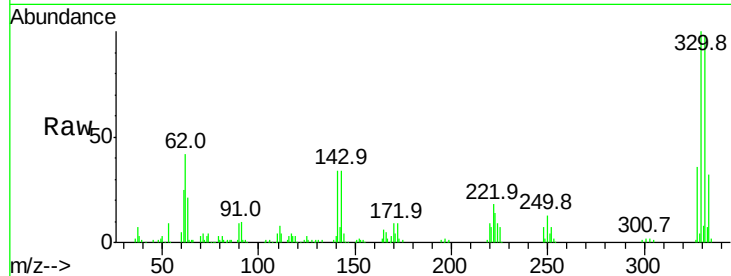




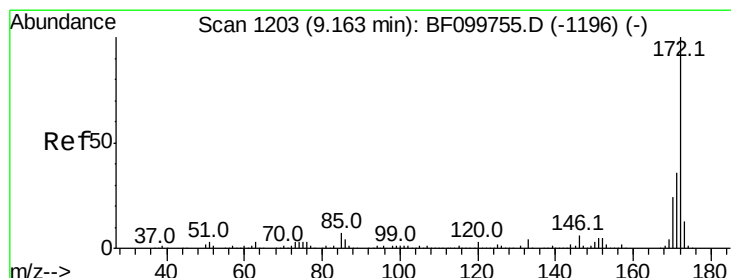
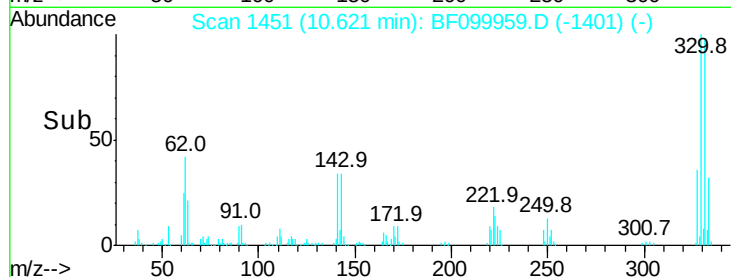
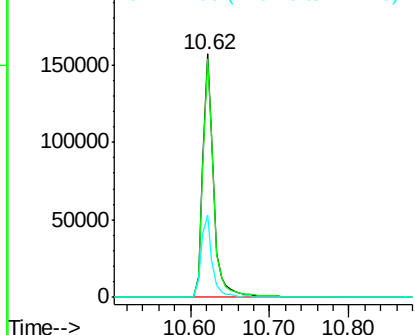
#41
 2,4,6-Tribromophenol
 Concen: 95.823 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF099959.D
 Acq: 30 Oct 2017 15:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 154137
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 34.7 29.9 44.9

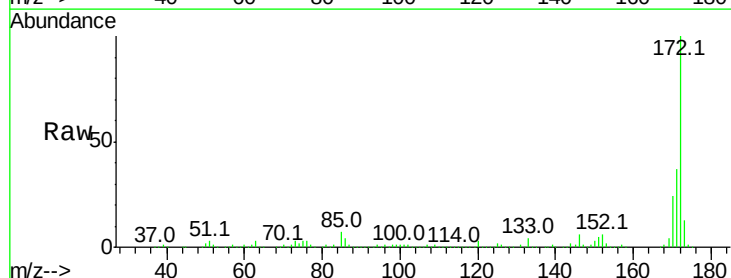


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

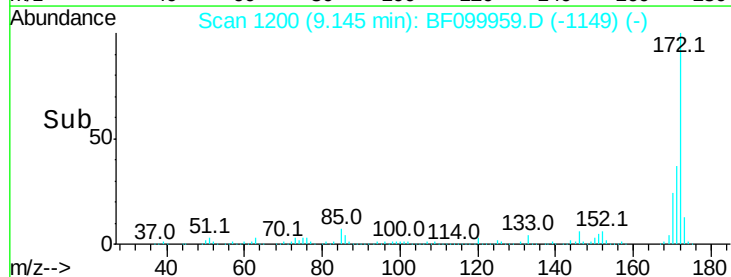
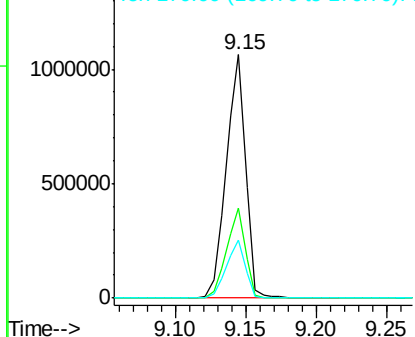


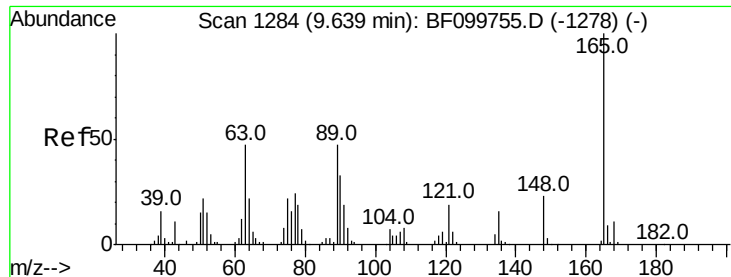
#44
 2-Fluorobiphenyl
 Concen: 88.518 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF099959.D
 Acq: 30 Oct 2017 15:09

Tgt Ion:172 Resp: 1012698
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 23.7 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

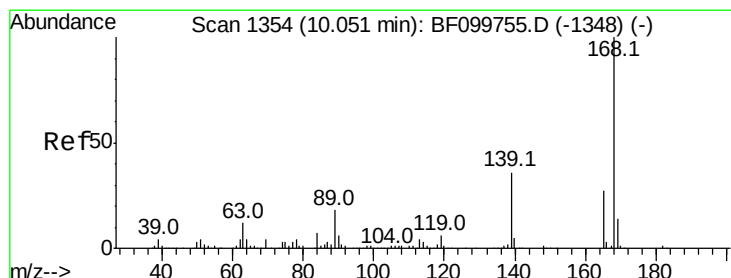
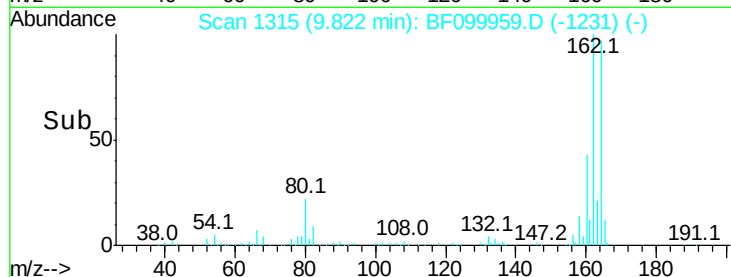
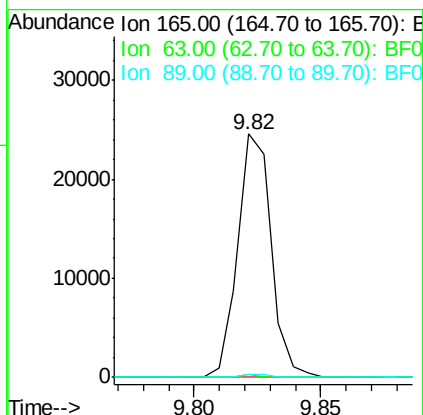
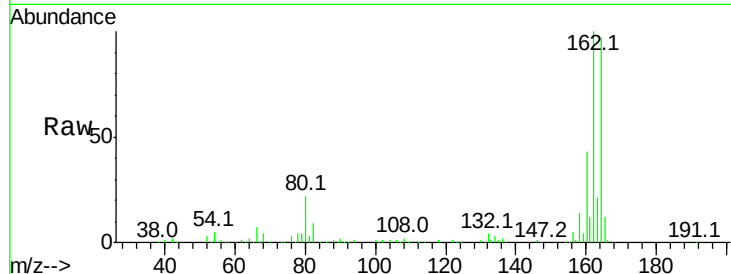




#50
 2,6-Dinitrotoluene
 Concen: 7.640 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.19 min
 Lab File: BF099959.D
 Acq: 30 Oct 2017 15:09

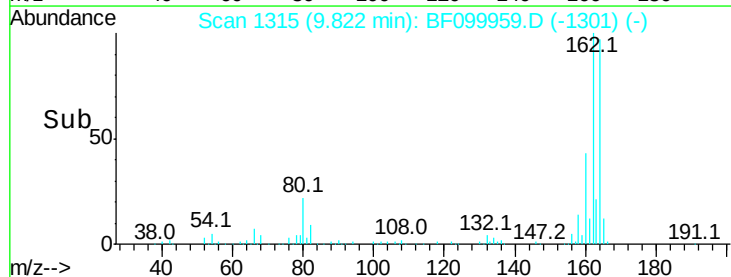
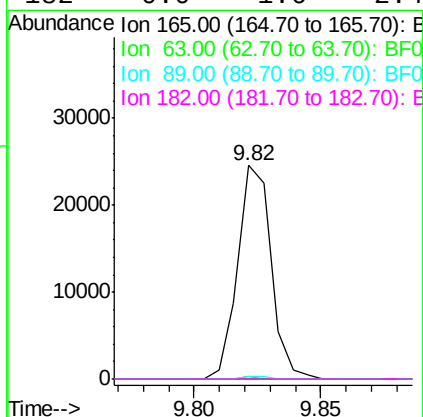
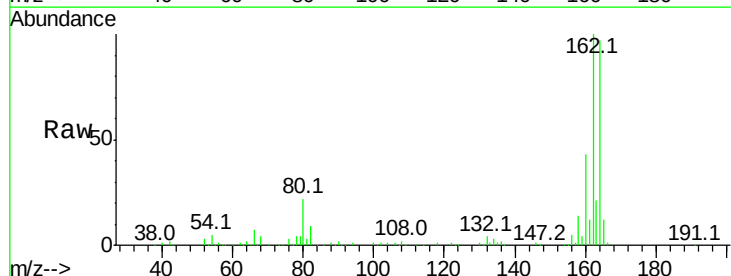
Instrument :
 BNA_F
 ClientSampleId :

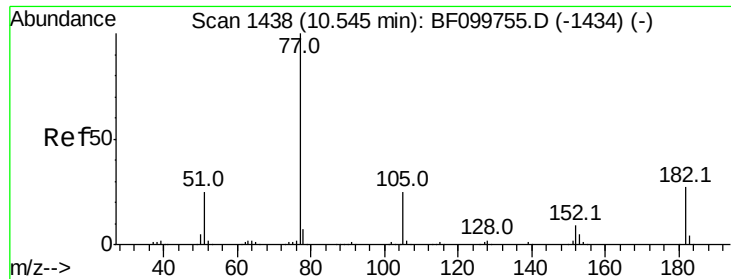
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	1.4	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.344 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.22 min
 Lab File: BF099959.D
 Acq: 30 Oct 2017 15:09

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

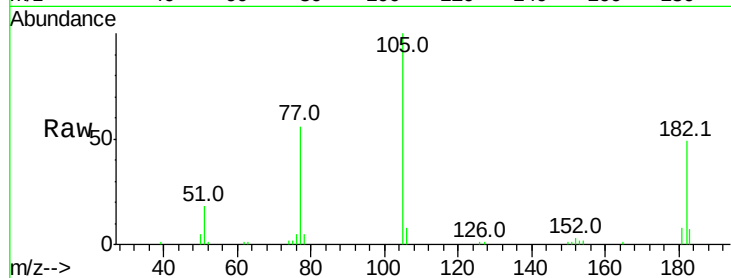




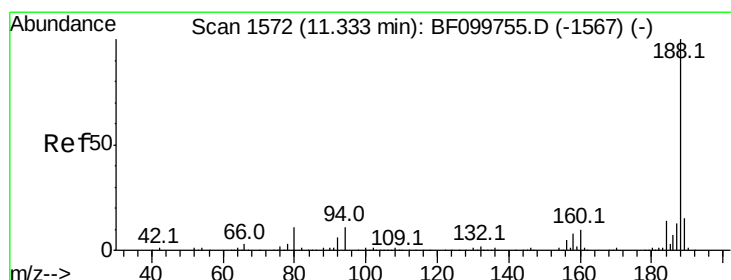
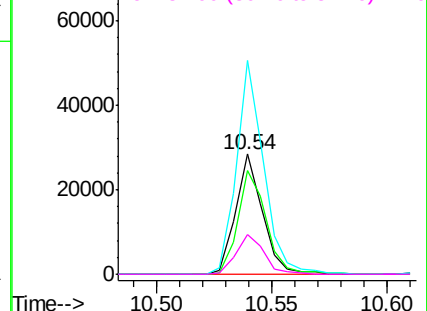
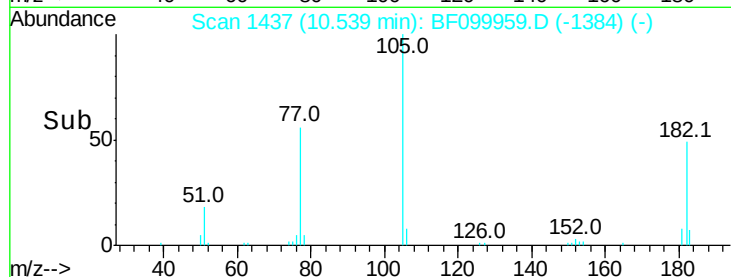
#62
Azobenzene
Concen: 2.008 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.01 min
Lab File: BF099959.D
Acq: 30 Oct 2017 15:09

Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 22979
Ion Ratio Lower Upper
77 100
182 86.9 1.7 41.7#
105 178.1 3.0 43.0#
51 32.7 9.9 49.9

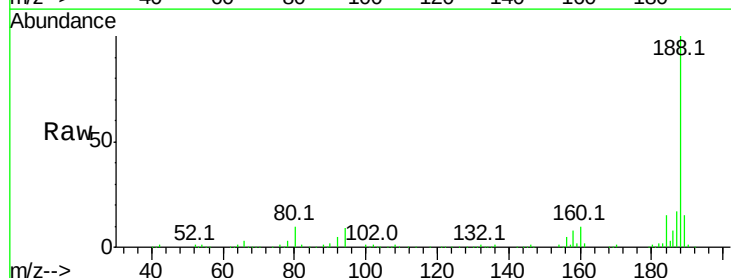


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

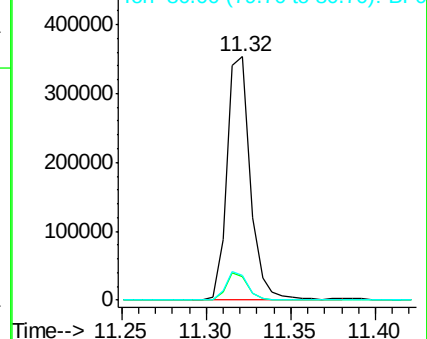
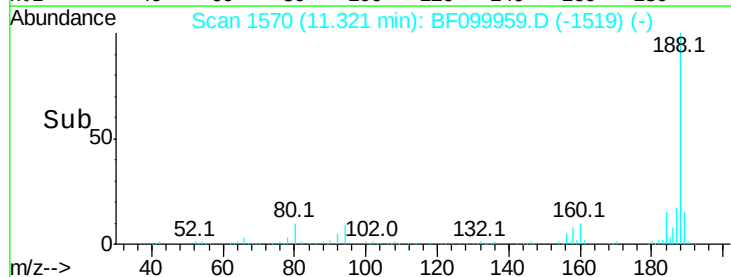


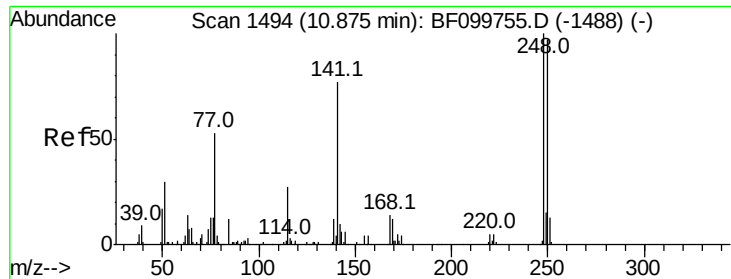
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF099959.D
Acq: 30 Oct 2017 15:09

Tgt Ion: 188 Resp: 342815
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 10.0 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

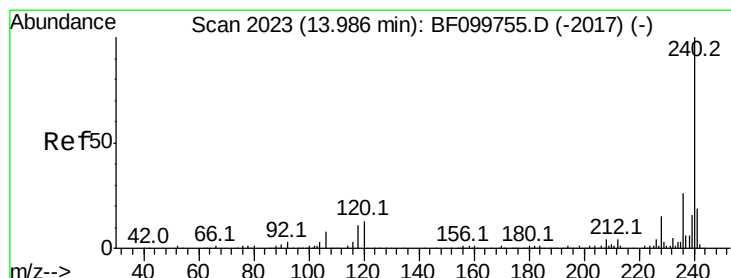
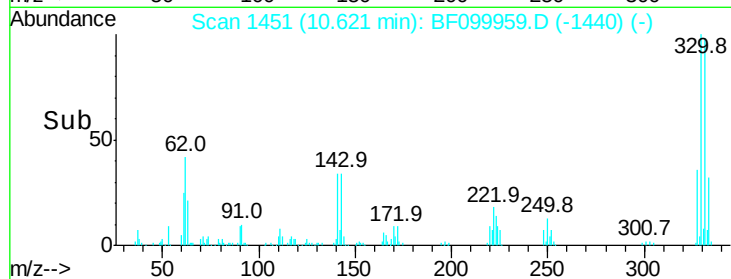
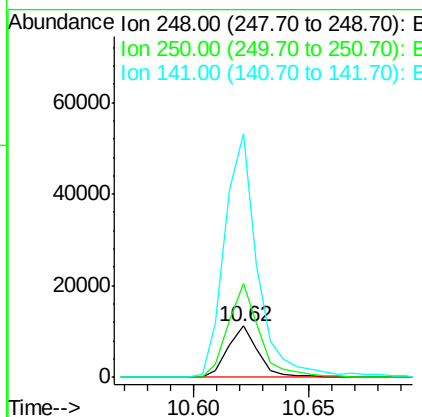
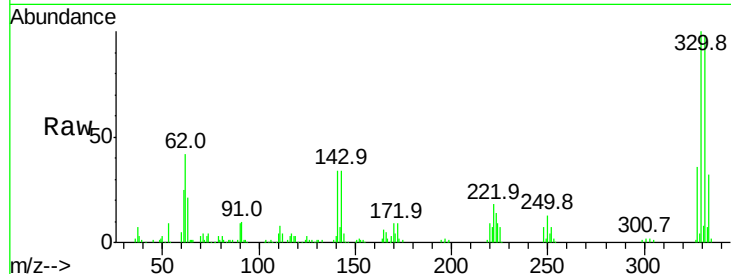




#66
 4-Bromophenyl-phenylether
 Concen: 2.831 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.24 min
 Lab File: BF099959.D
 Acq: 30 Oct 2017 15:09

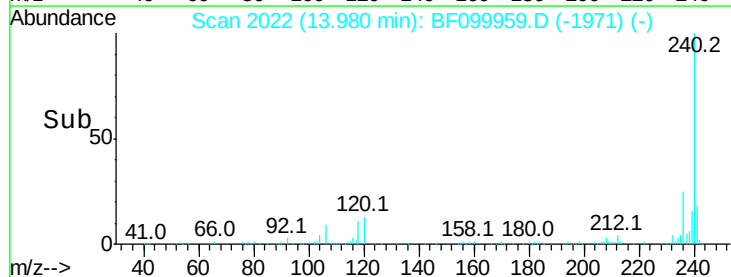
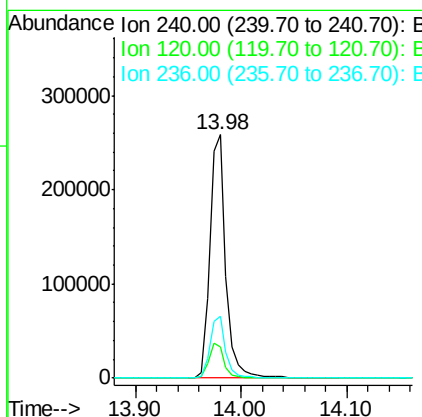
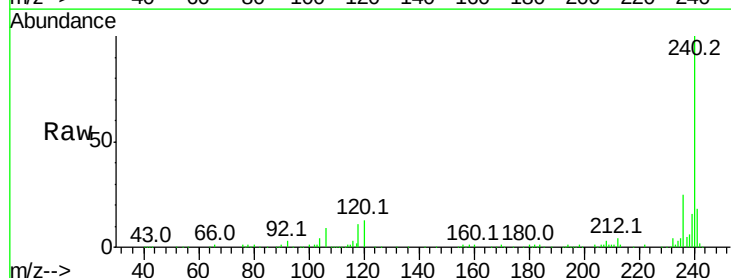
Instrument :
 BNA_F
 ClientSampleId :

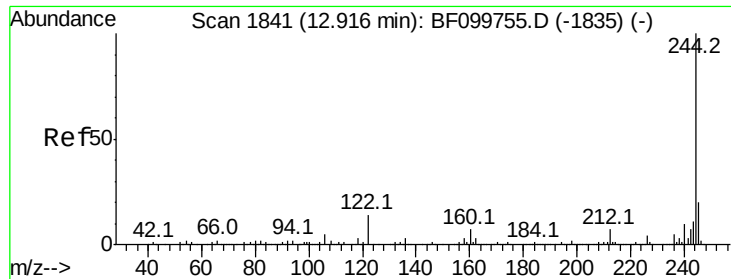
Tot Ion:248 Resp: 10216
 Ion Ratio Lower Upper
 248 100
 250 182.9 76.9 115.3#
 141 475.8 74.4 111.6#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.00 min
 Lab File: BF099959.D
 Acq: 30 Oct 2017 15:09

Tgt Ion:240 Resp: 271769
 Ion Ratio Lower Upper
 240 100
 120 12.7 9.5 14.3
 236 25.3 20.7 31.1



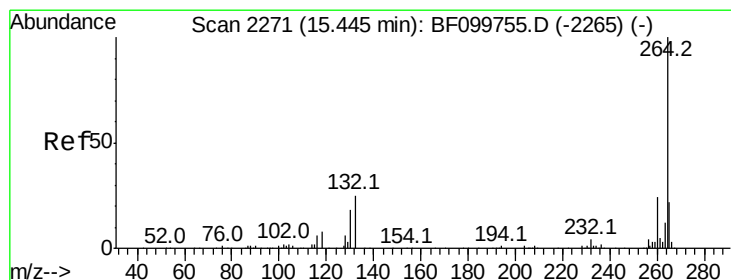
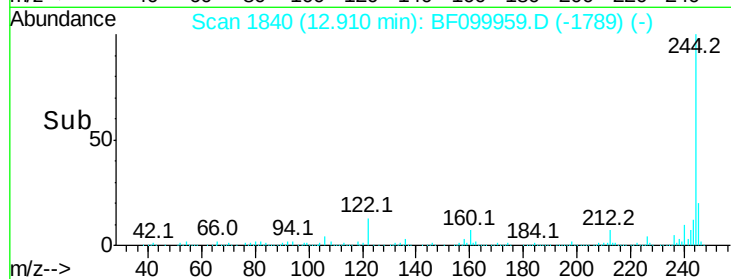
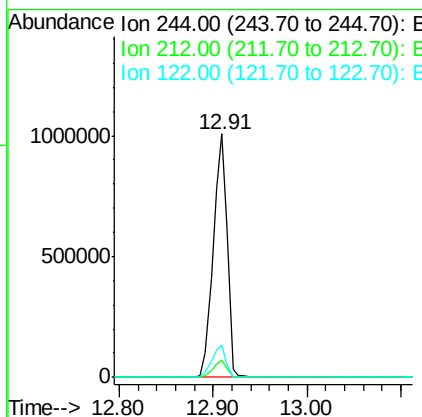
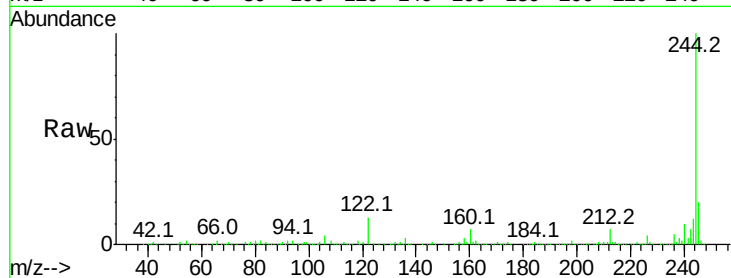


#78
 Terphenyl-d14
 Concen: 85.228 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BF099959.D
 Acq: 30 Oct 2017 15:09

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:244 Resp: 1059880

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.1	11.0	16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. 0.01 min
 Lab File: BF099959.D
 Acq: 30 Oct 2017 15:09

Tgt Ion:264 Resp: 203787

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	20.6	17.5	26.3

