

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\
 Data File : BF099957.D
 Acq On : 30 Oct 2017 14:17
 Operator : SJ/JU
 Sample : I6084-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 30 16:12:33 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

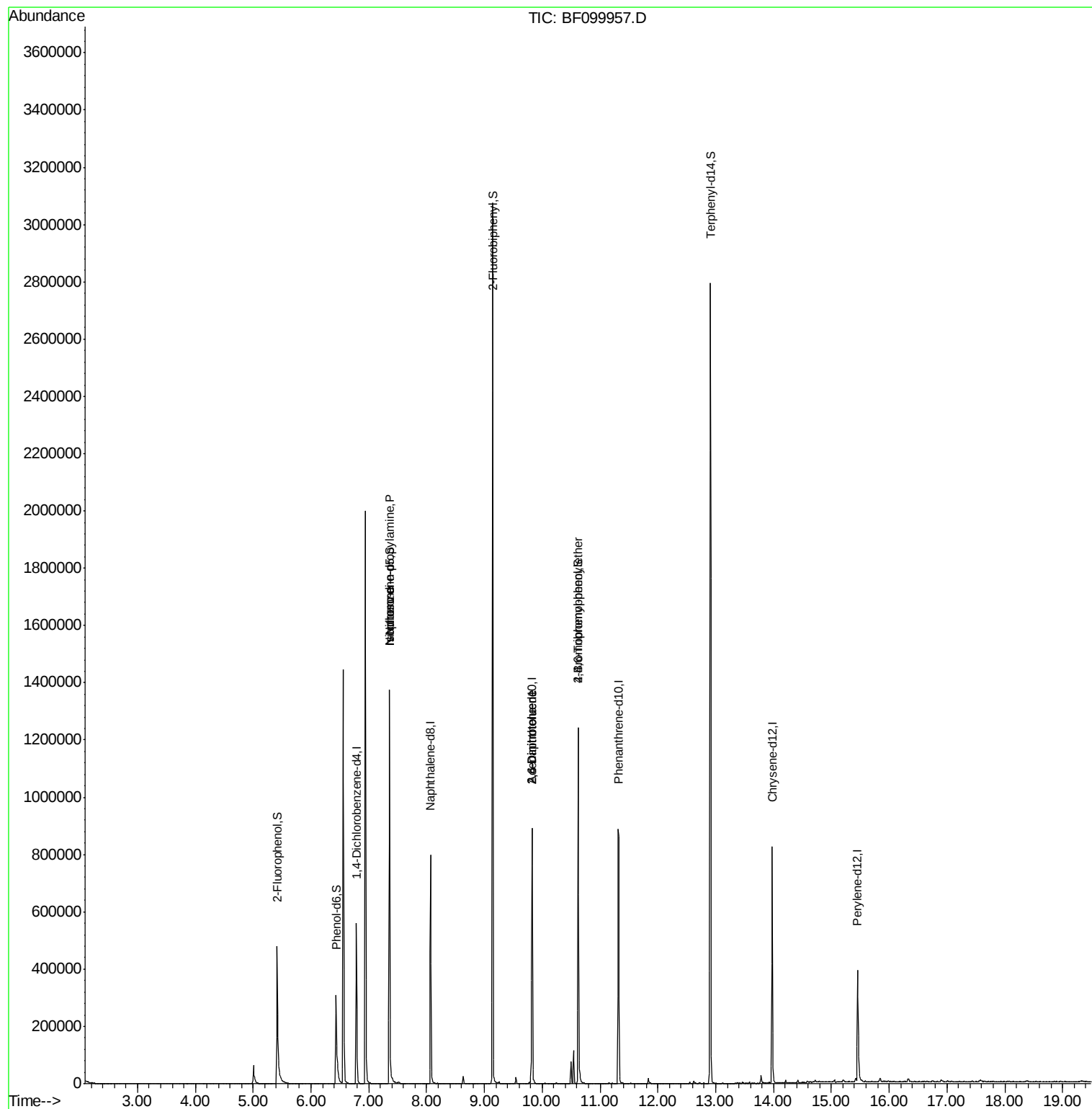
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	90731	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	378090	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	189063	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	358063	20.00	ng	0.00
75) Chrysene-d12	13.97	240	280322	20.00	ng	0.00
86) Perylene-d12	15.46	264	197490	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	234640	40.60	ng	0.00
7) Phenol-d6	6.43	99	175541	25.62	ng	0.00
23) Nitrobenzene-d5	7.36	82	528430	89.98	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	168528	97.81	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1078006	87.97	ng	0.00
78) Terphenyl-d14	12.91	244	1120307	87.34	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	65546	16.322	ng	# 71
25) Isophorone	7.36	82	528425	49.587	ng	# 64
50) 2,6-Dinitrotoluene	9.82	165	23751	7.546	ng	# 25
56) 2,4-Dinitrotoluene	9.82	165	23751	6.266	ng	# 22
66) 4-Bromophenyl-phenylether	10.62	248	10931	2.900	ng	# 1

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

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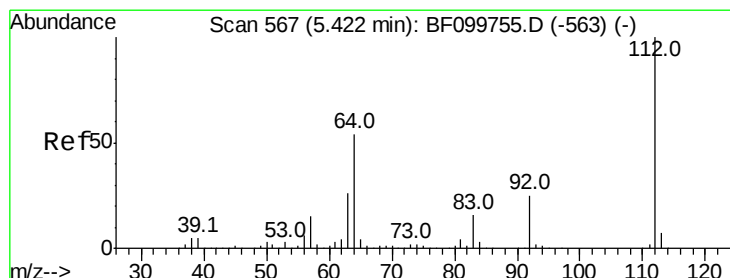
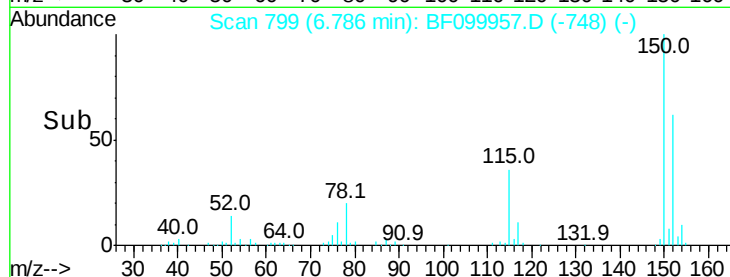
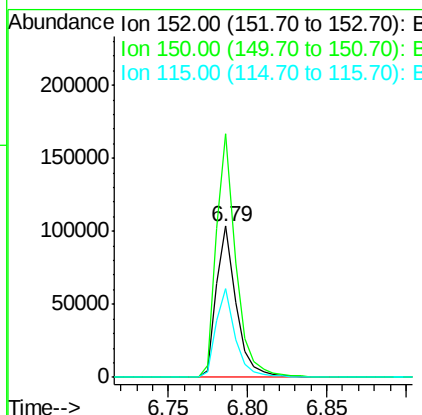
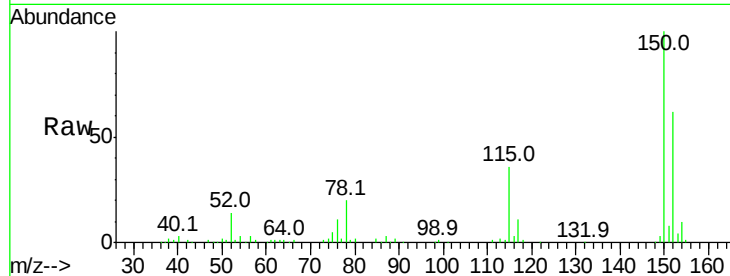




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF099957.D
 Acq: 30 Oct 2017 14:17

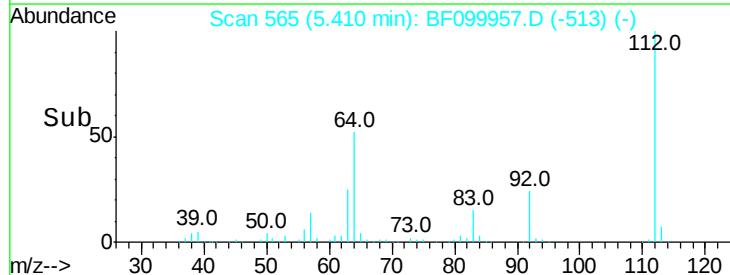
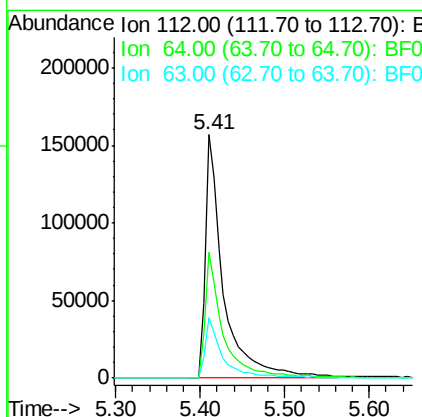
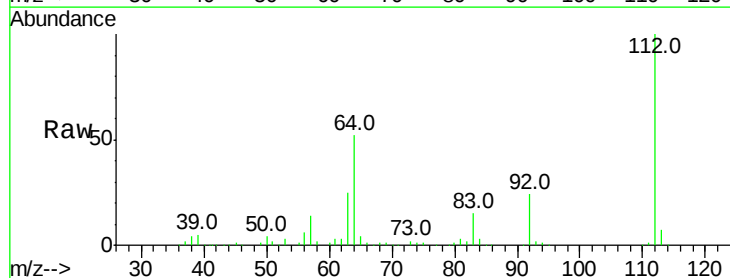
Instrument :
 BNA_F
 ClientSampleId :

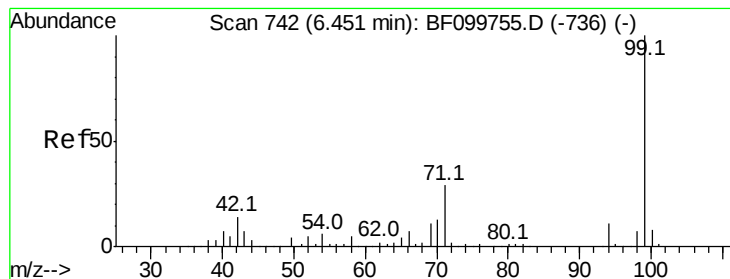
Tot Ion:152 Resp: 90731
 Ion Ratio Lower Upper
 152 100
 150 161.3 124.6 186.8
 115 58.4 50.1 75.1



#5
 2-Fluorophenol
 Concen: 40.601 ng
 RT: 5.41 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: BF099957.D
 Acq: 30 Oct 2017 14:17

Tgt Ion:112 Resp: 234640
 Ion Ratio Lower Upper
 112 100
 64 51.8 47.9 71.9
 63 24.8 23.7 35.5





#7

Phenol-d6

Concen: 25.617 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF099957.D

Acq: 30 Oct 2017 14:17

Instrument :

BNA_F

ClientSampleId :

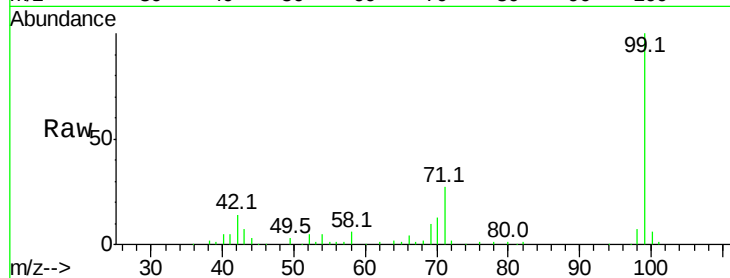
Tot Ion: 99 Resp: 175541

Ion Ratio Lower Upper

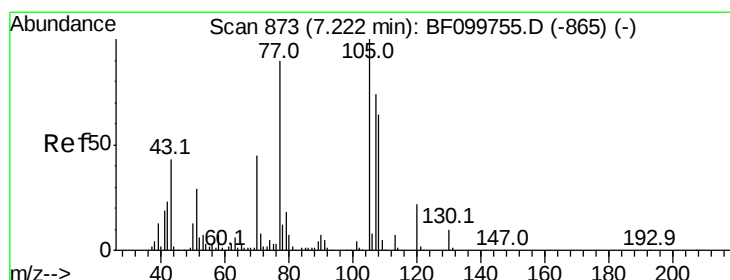
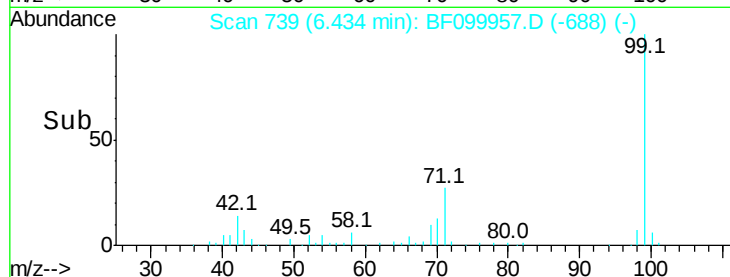
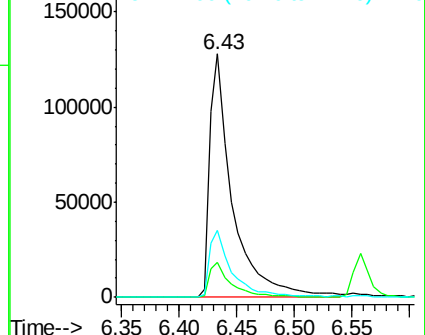
99 100

42 14.3 14.5 21.7#

71 27.3 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: 16.322 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.15 min

Lab File: BF099957.D

Acq: 30 Oct 2017 14:17

Tgt Ion: 70 Resp: 65546

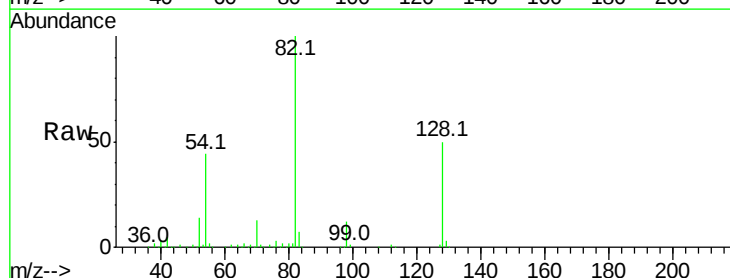
Ion Ratio Lower Upper

70 100

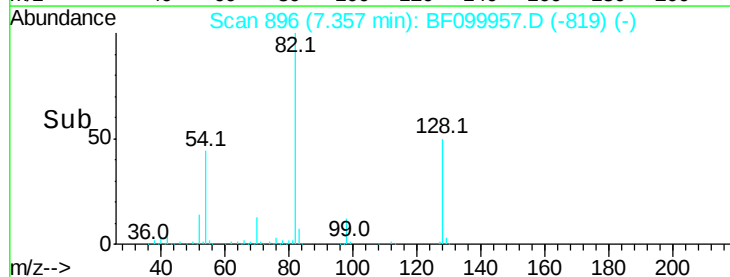
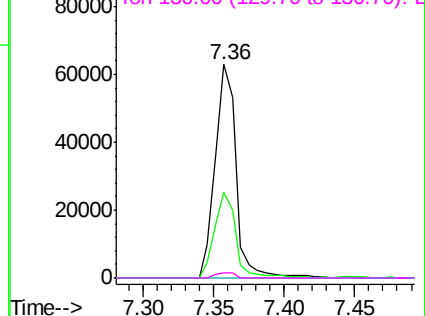
42 40.1 47.5 71.3#

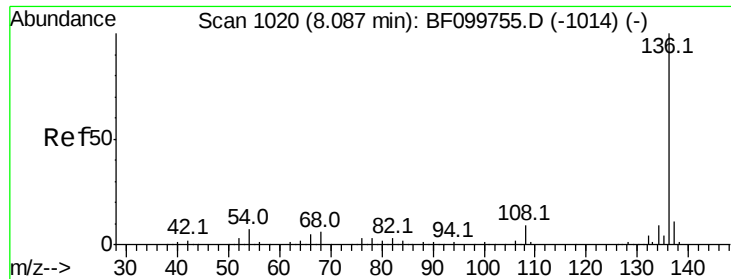
101 0.0 7.4 11.2#

130 2.6 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

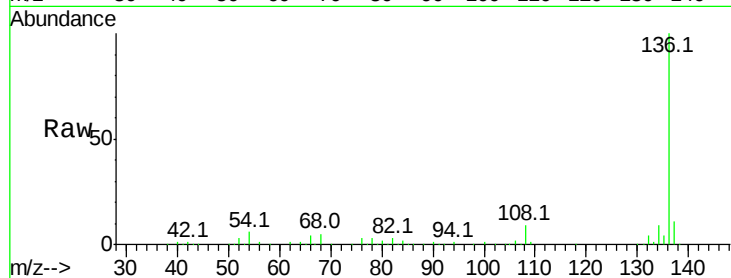




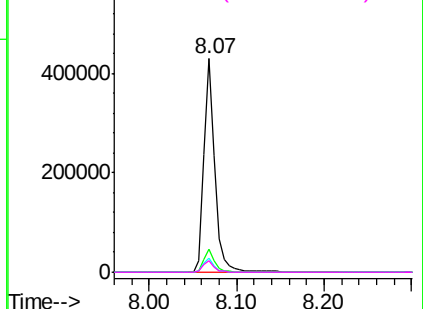
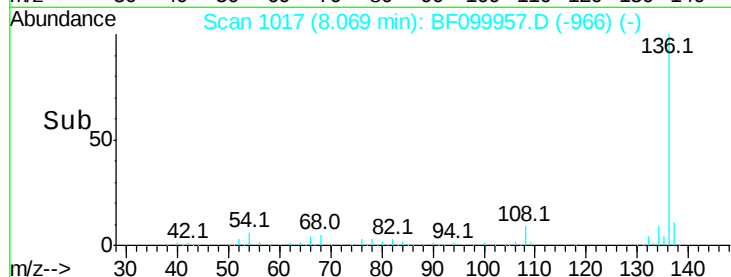
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF099957.D
Acq: 30 Oct 2017 14:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	378090
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.4	6.6	9.8#
68	5.5	5.0	7.4

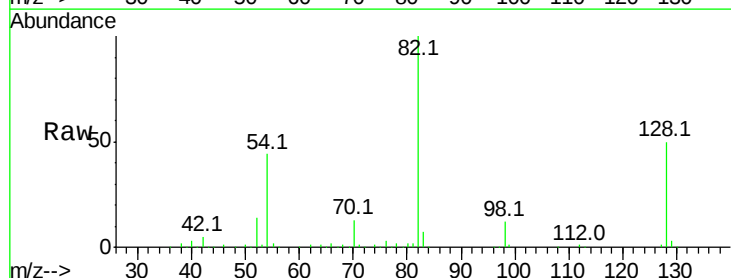


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

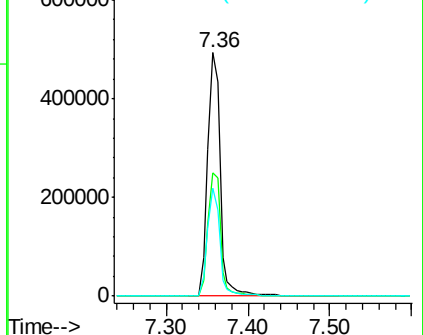
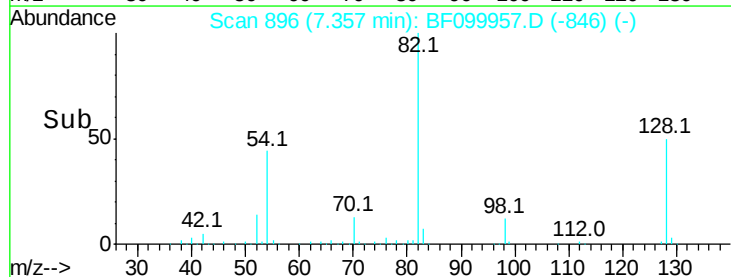


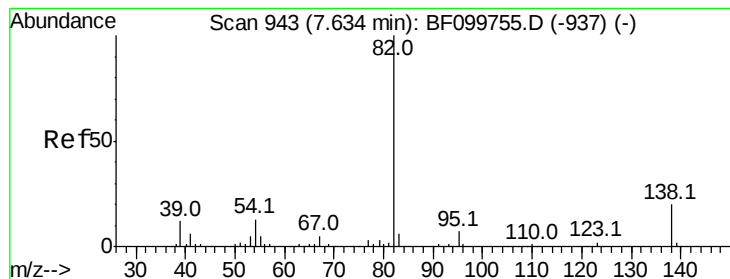
#23
Nitrobenzene-d5
Concen: 89.980 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF099957.D
Acq: 30 Oct 2017 14:17

Tgt Ion:	82	Resp:	528430
Ion	Ratio	Lower	Upper
82	100		
128	50.5	36.1	54.1
54	44.1	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: 49.587 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.26 min

Lab File: BF099957.D

Acq: 30 Oct 2017 14:17

Instrument :

BNA_F

ClientSampleId :

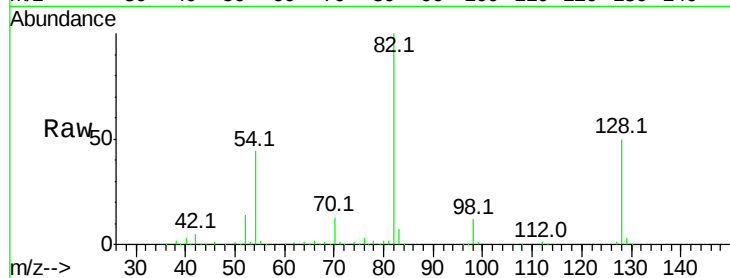
Tot Ion: 82 Resp: 528425

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

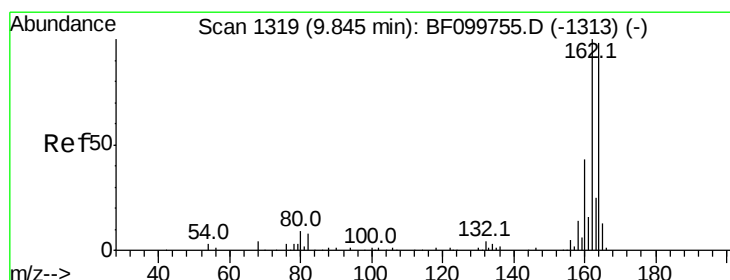
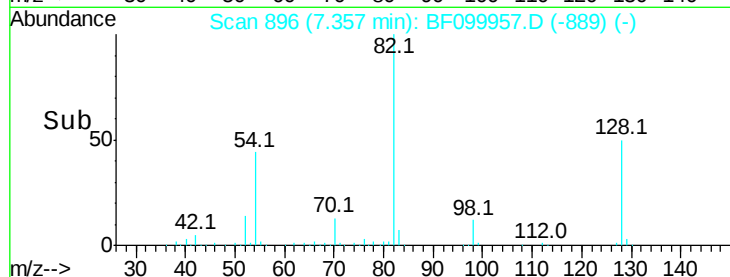
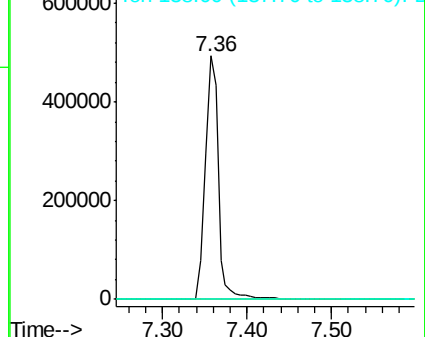
138 0.0 14.9 22.3#



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: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF099957.D

Acq: 30 Oct 2017 14:17

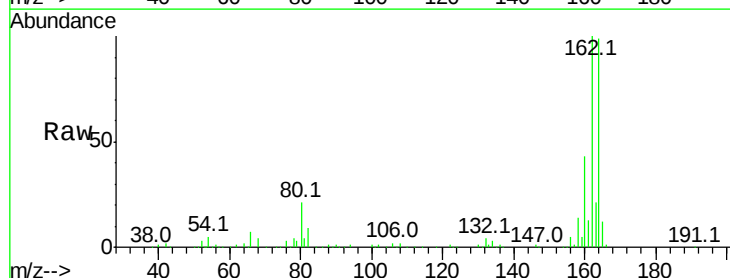
Tgt Ion:164 Resp: 189063

Ion Ratio Lower Upper

164 100

162 101.5 86.1 129.1

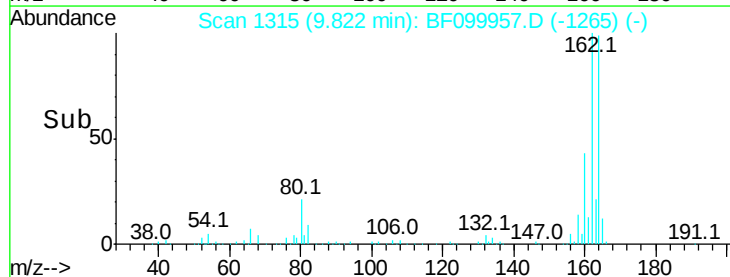
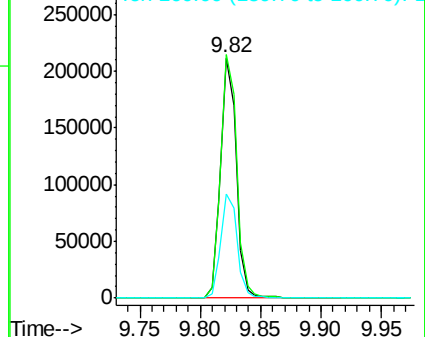
160 43.4 38.3 57.5



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

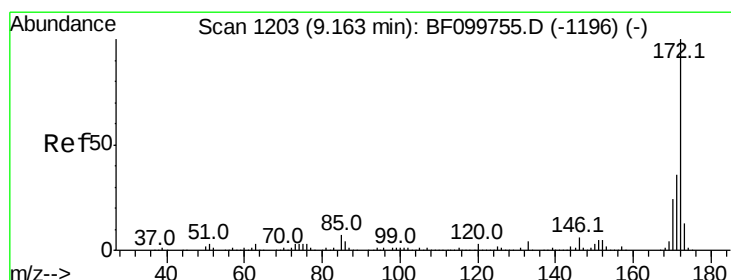
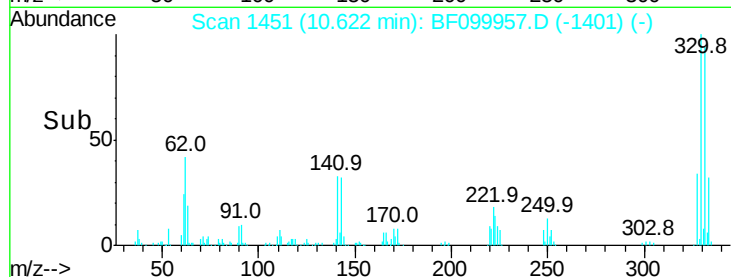
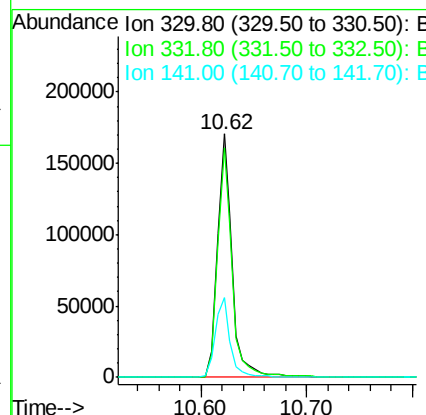
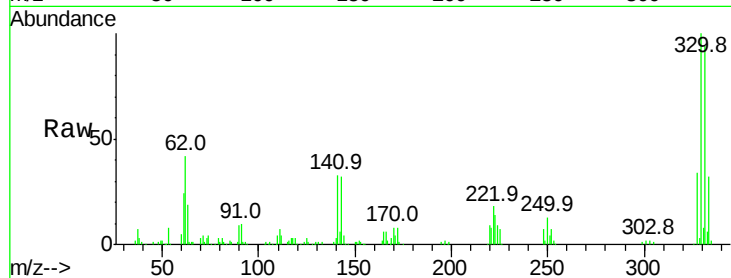




#41
 2,4,6-Tribromophenol
 Concen: 97.813 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF099957.D
 Acq: 30 Oct 2017 14:17

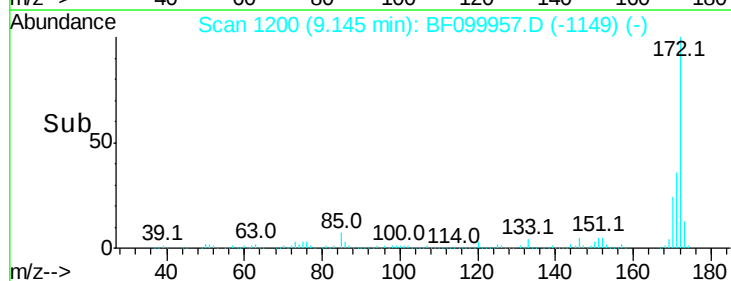
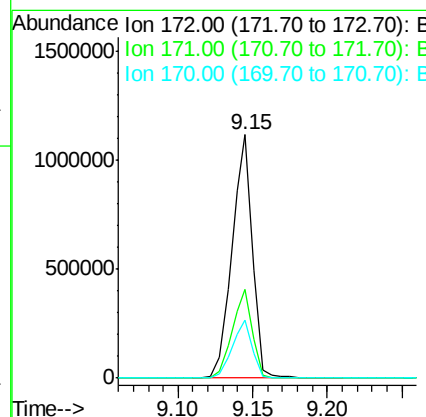
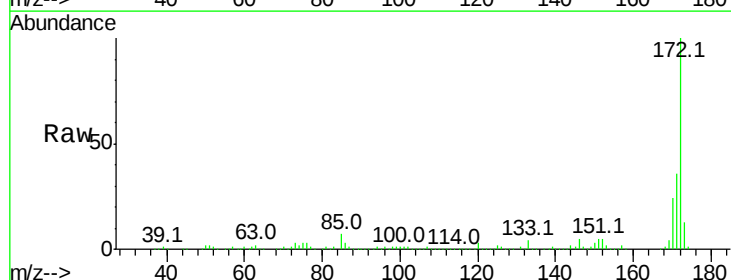
Instrument :
 BNA_F
 ClientSampleId :

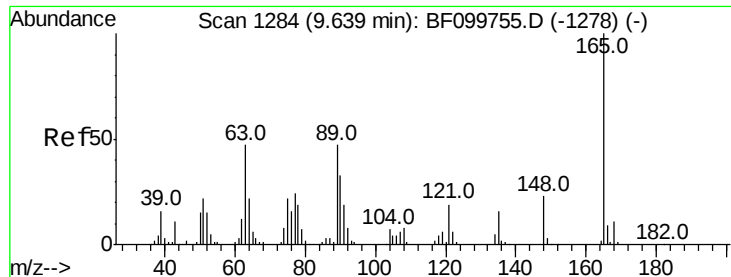
Tot Ion	Ratio	Lower	Upper
330	100		
332	93.9	77.0	115.6
141	33.6	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 87.970 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF099957.D
 Acq: 30 Oct 2017 14:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.9	19.6	29.4

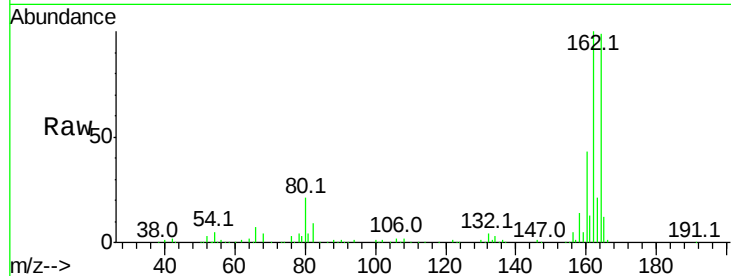




#50
 2,6-Dinitrotoluene
 Concen: 7.546 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.19 min
 Lab File: BF099957.D
 Acq: 30 Oct 2017 14:17

Instrument :
 BNA_F
 ClientSampleId :

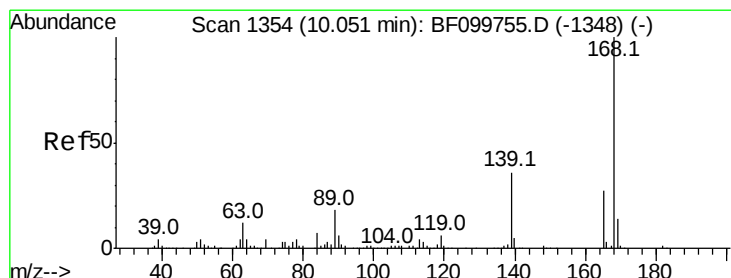
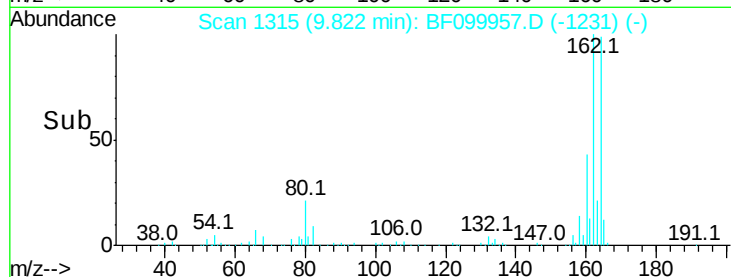
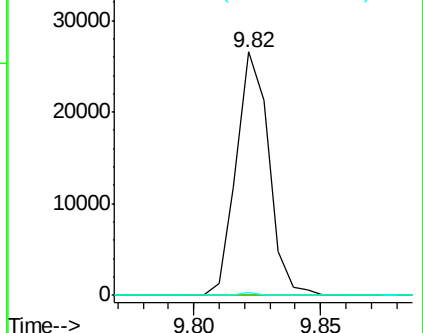
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.3	44.0	66.0#



Abundance Ion 165.00 (164.70 to 165.70): E

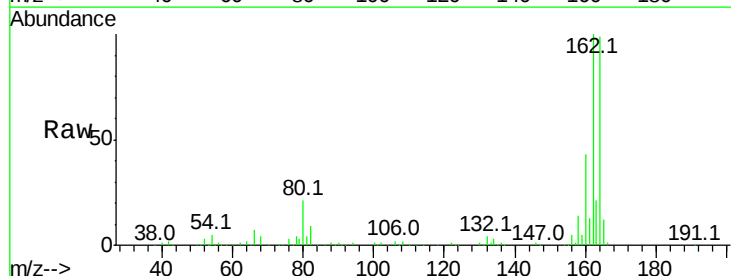
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.266 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.22 min
 Lab File: BF099957.D
 Acq: 30 Oct 2017 14:17

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

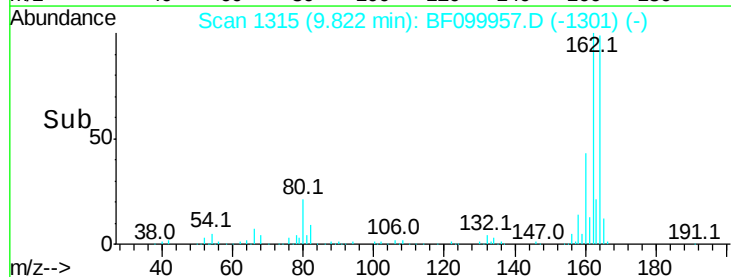
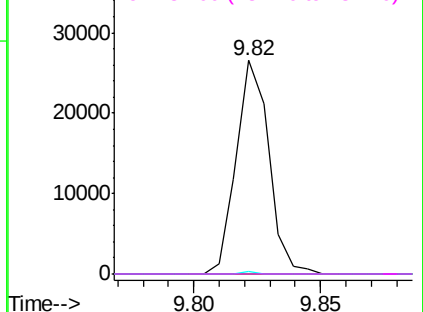


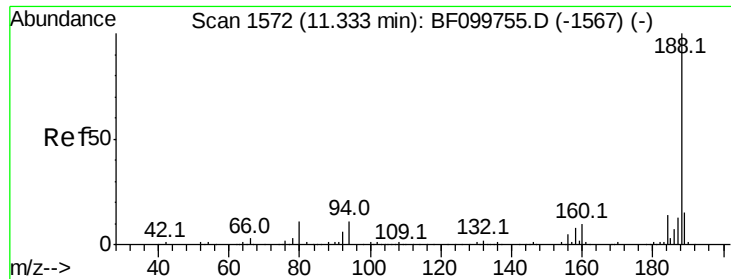
Abundance Ion 165.00 (164.70 to 165.70): E

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

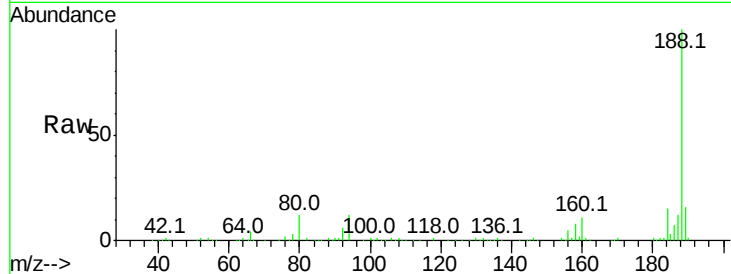




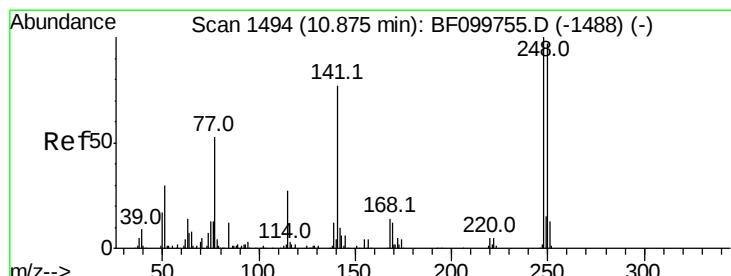
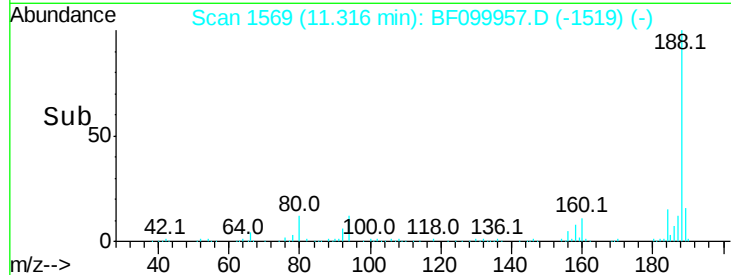
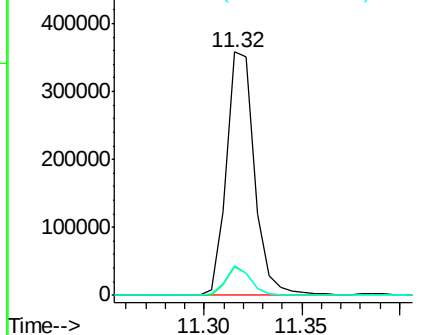
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF099957.D
 Acq: 30 Oct 2017 14:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.6	8.5	12.7
80	12.2	9.2	13.8

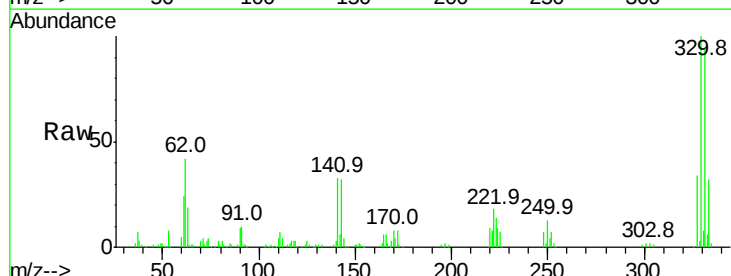


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

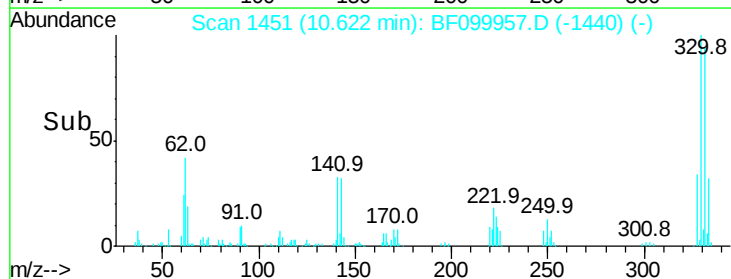
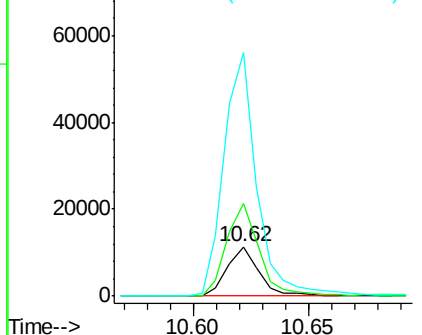


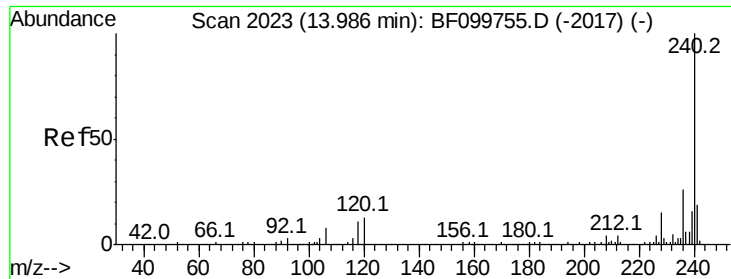
#66
 4-Bromophenyl-phenylether
 Concen: 2.900 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.24 min
 Lab File: BF099957.D
 Acq: 30 Oct 2017 14:17

Tgt Ion	Ratio	Lower	Upper
248	100		
250	189.2	76.9	115.3#
141	494.8	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

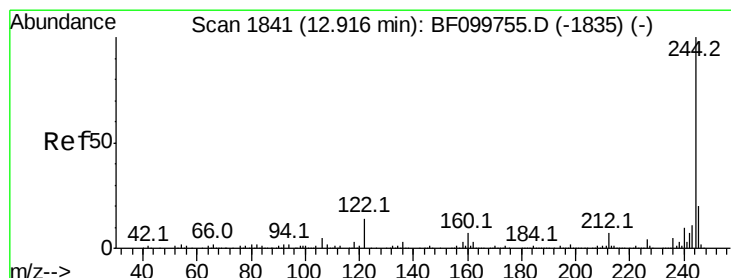
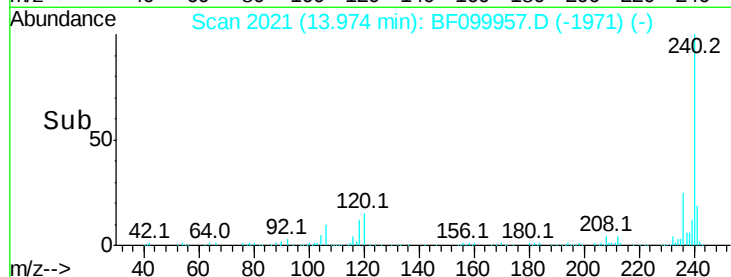
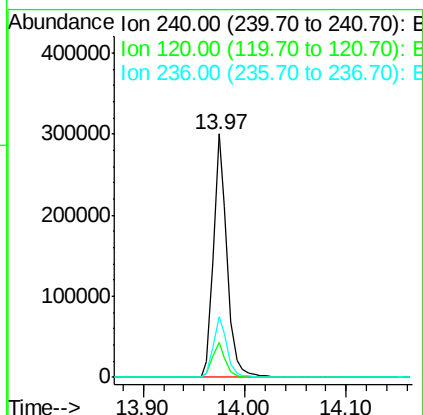
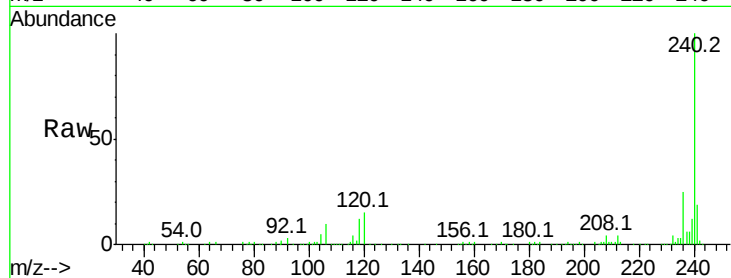




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF099957.D
 Acq: 30 Oct 2017 14:17

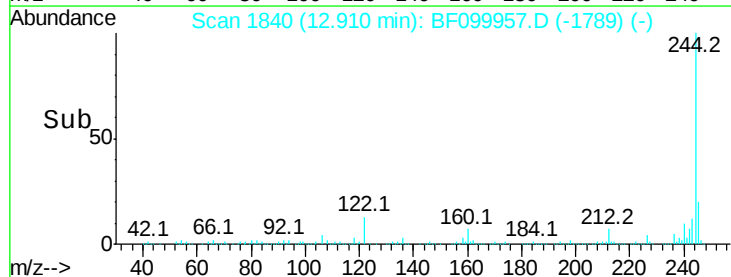
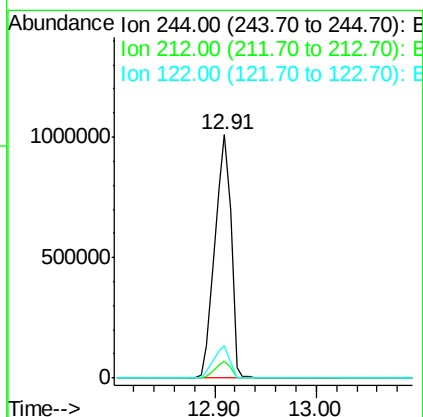
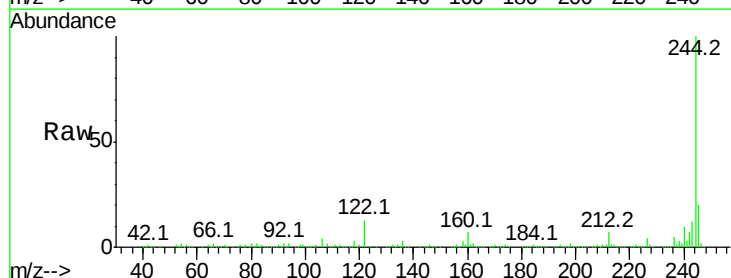
Instrument :
 BNA_F
 ClientSampleId :

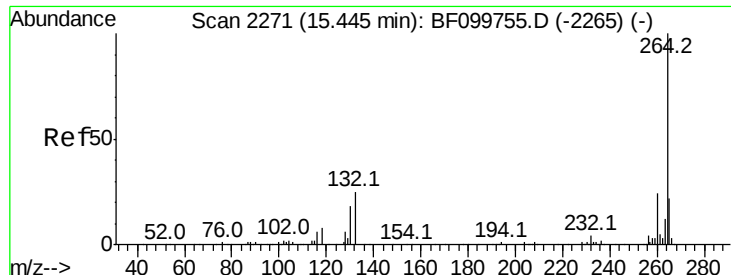
Tot Ion:240 Resp: 280322
 Ion Ratio Lower Upper
 240 100
 120 14.6 9.5 14.3#
 236 24.7 20.7 31.1



#78
 Terphenyl-d14
 Concen: 87.338 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.00 min
 Lab File: BF099957.D
 Acq: 30 Oct 2017 14:17

Tgt Ion:244 Resp: 1120307
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 13.1 11.0 16.4

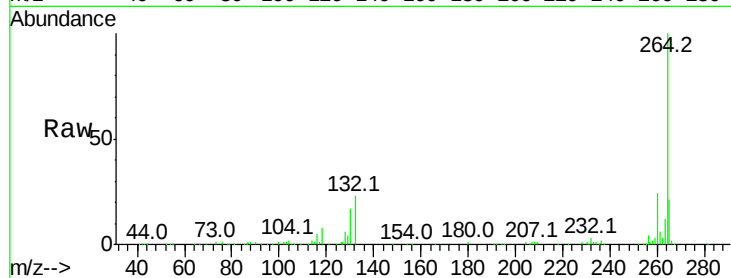




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF099957.D
Acq: 30 Oct 2017 14:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	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

